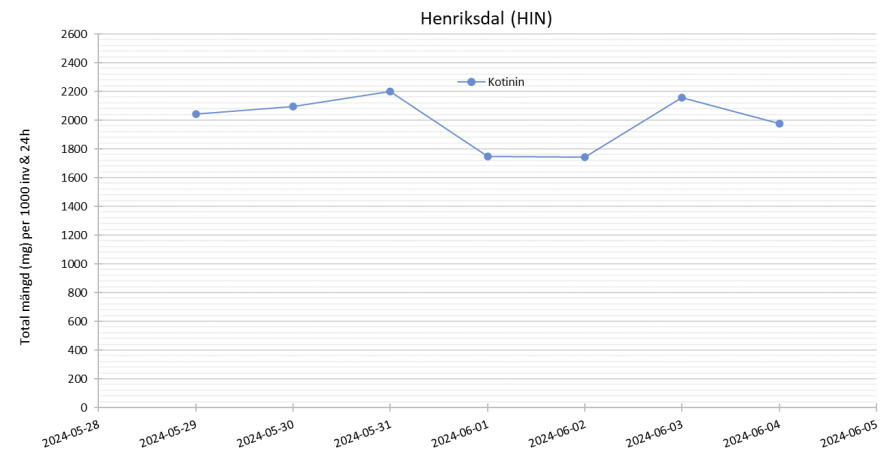
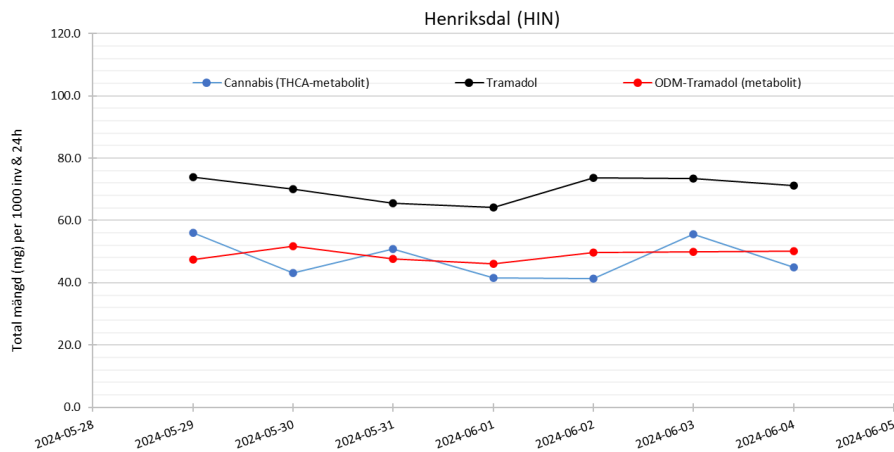
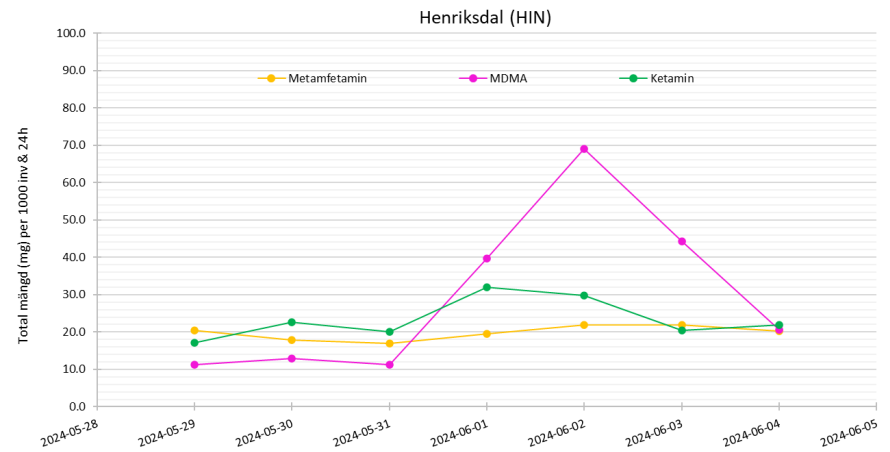
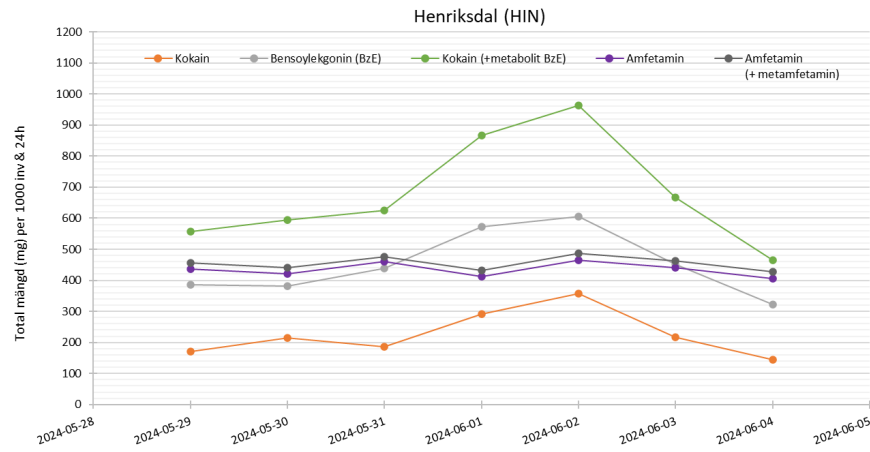


BILAGA 2

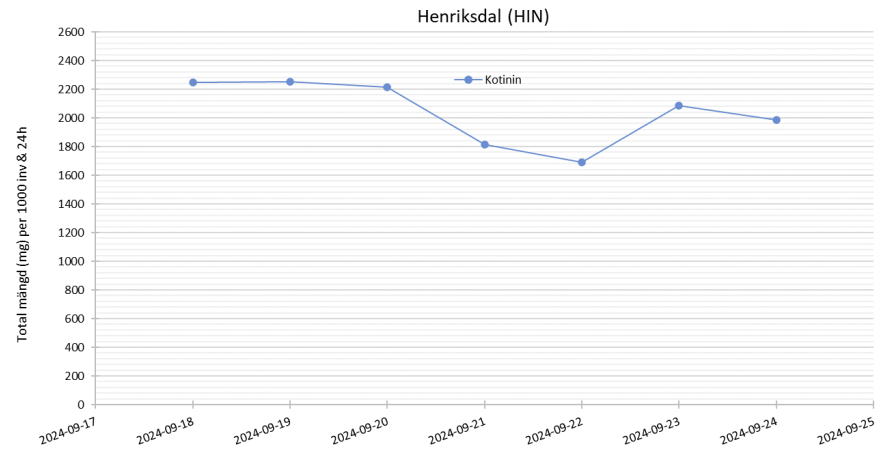
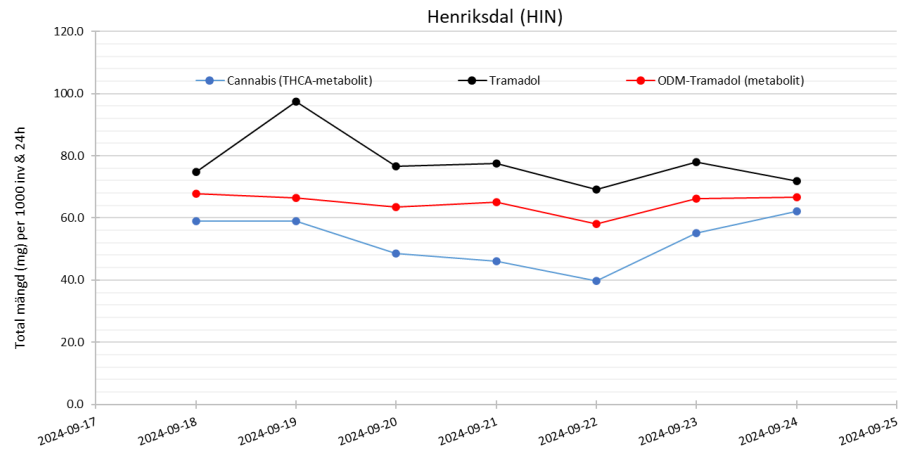
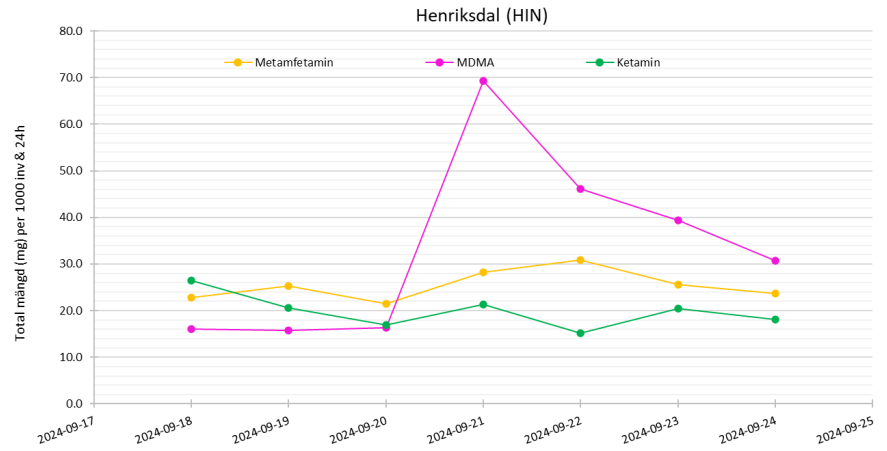
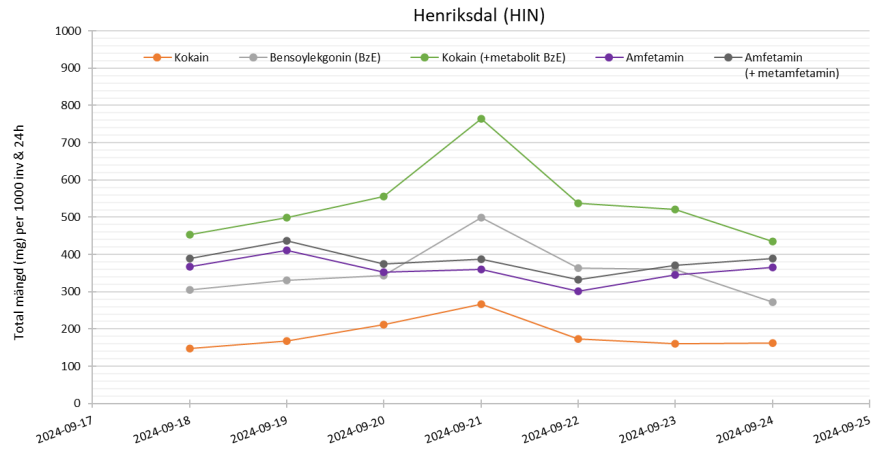
MÄTRESULTAT

1.1.1.1 Henriksdal (HIN)

Provtagningsomgång 1:

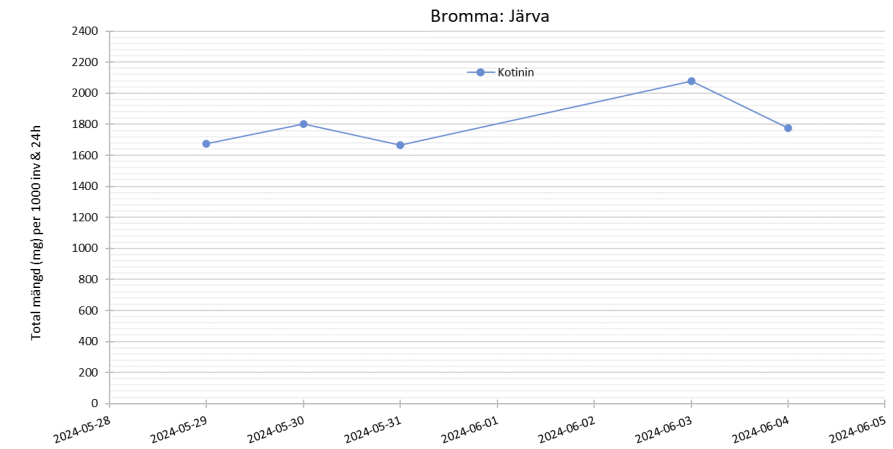
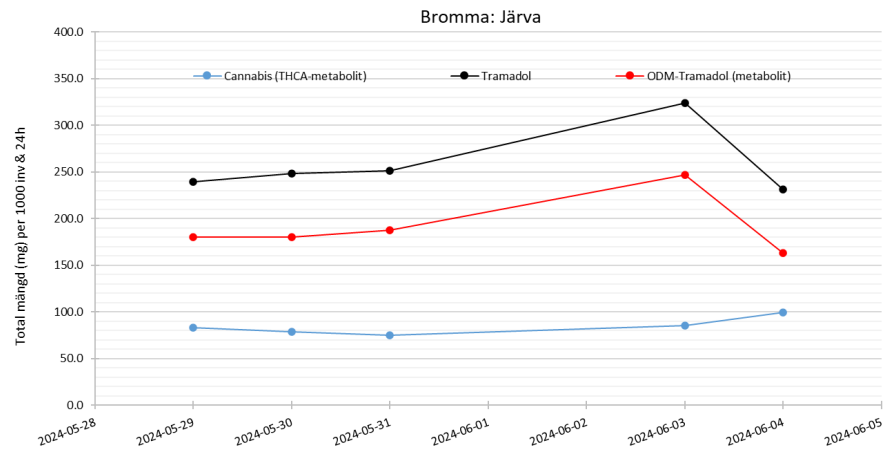
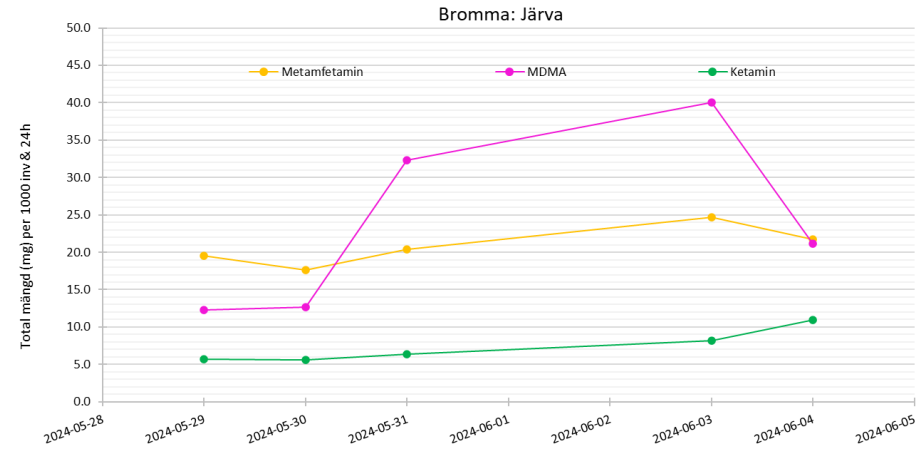
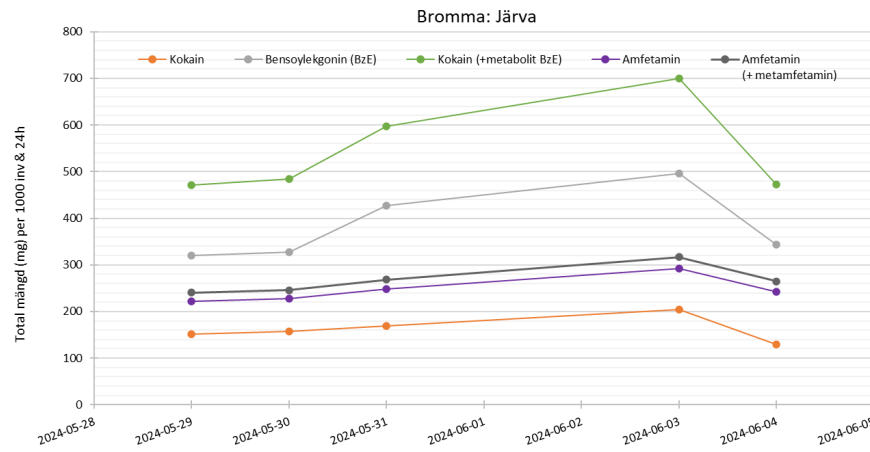


Provtagningsomgång 2:

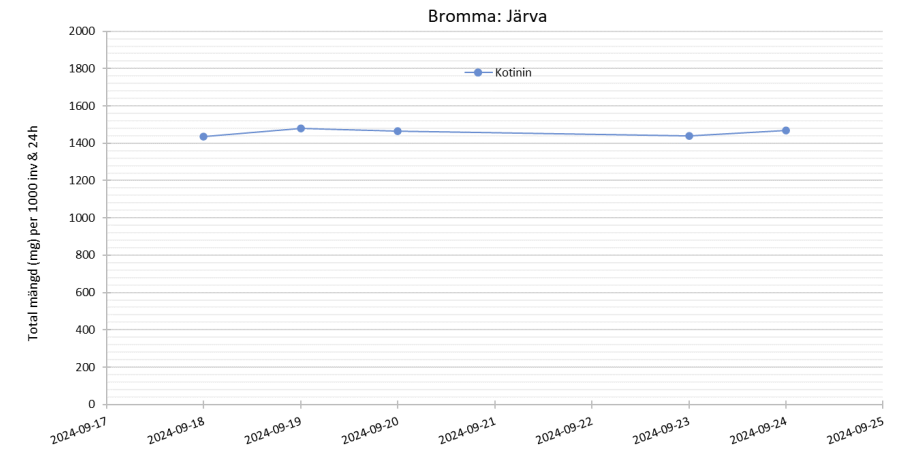
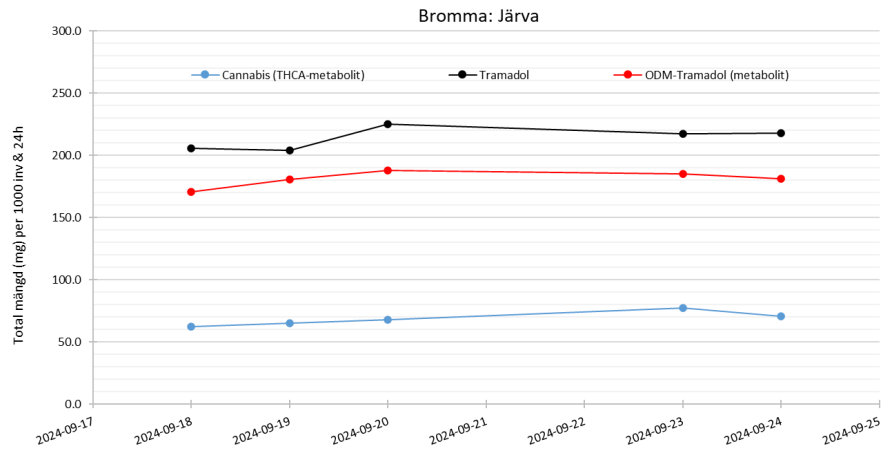
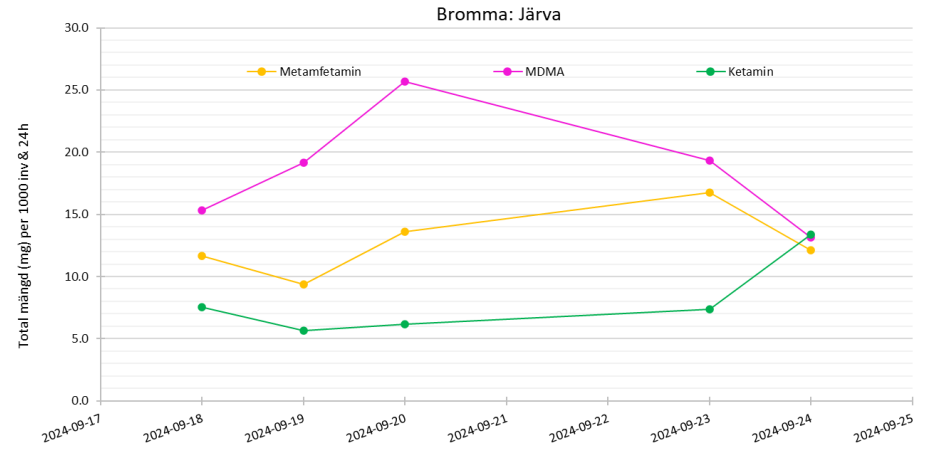
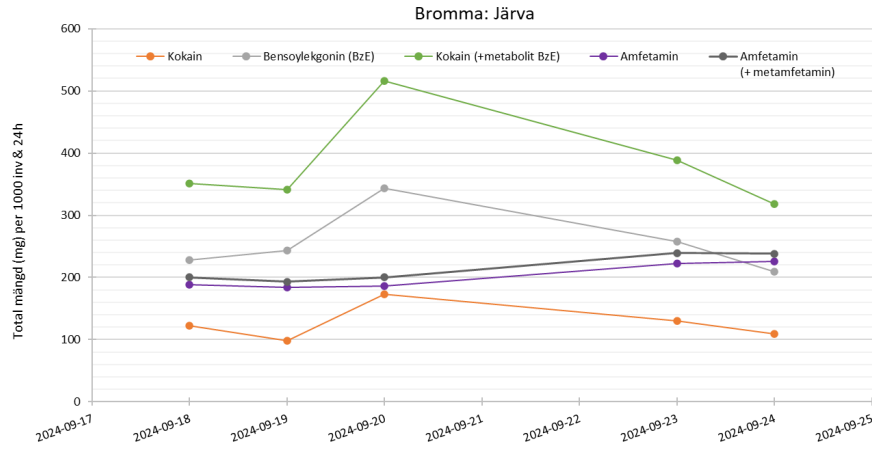


1.1.1.2 Bromma: Järva inloppet

Provtagningsomgång 1:

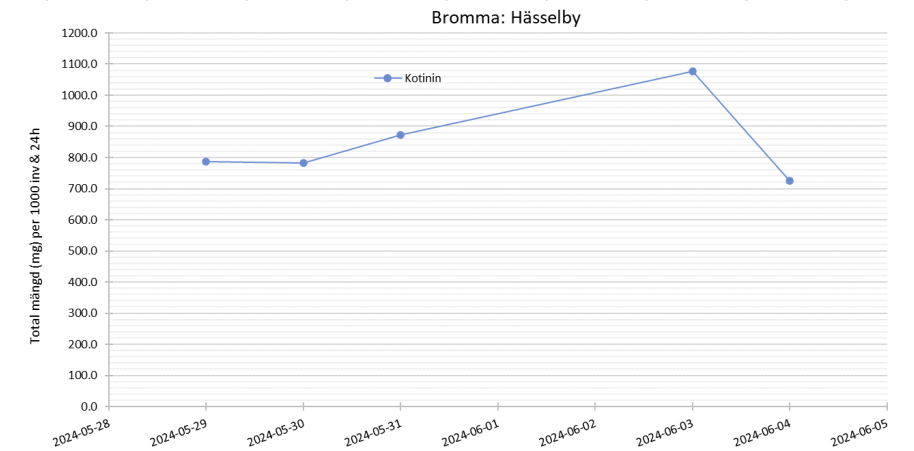
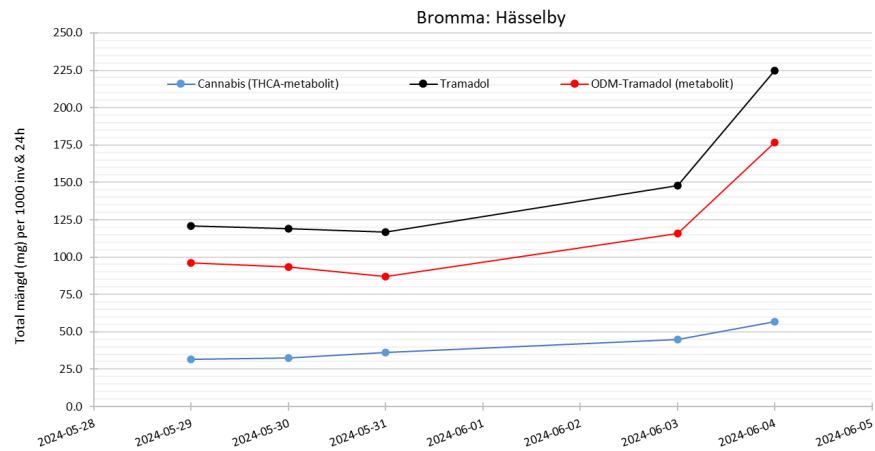
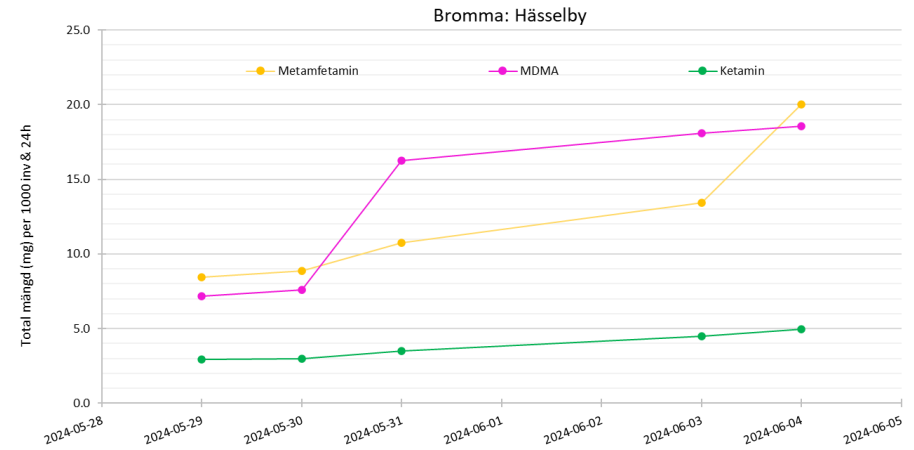
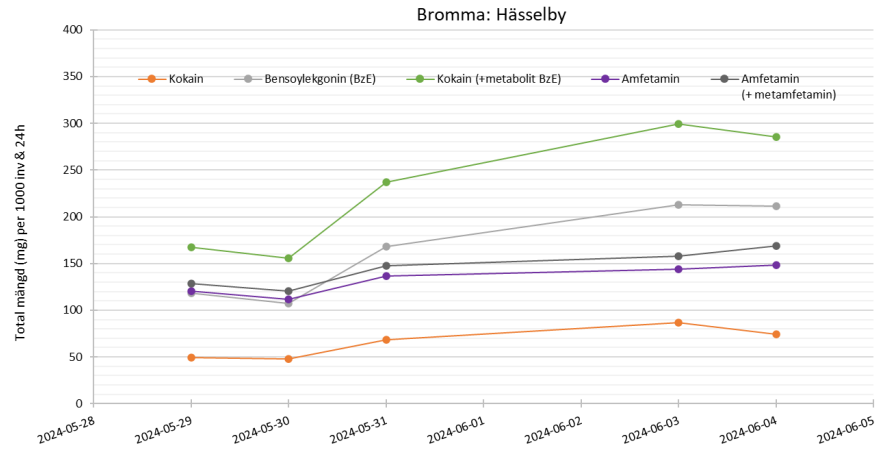


Provtagningsomgång 2:

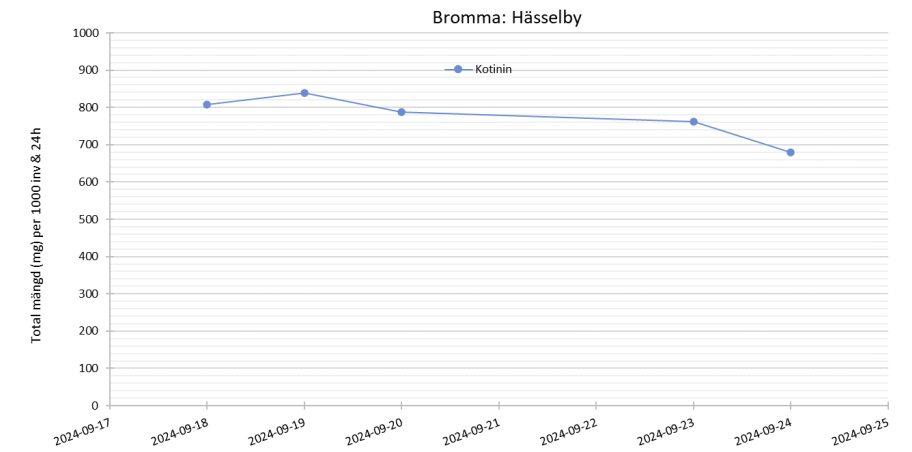
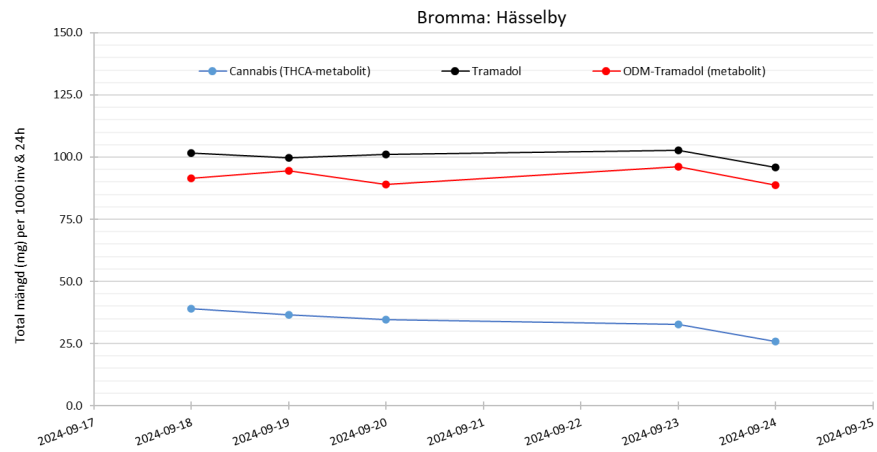
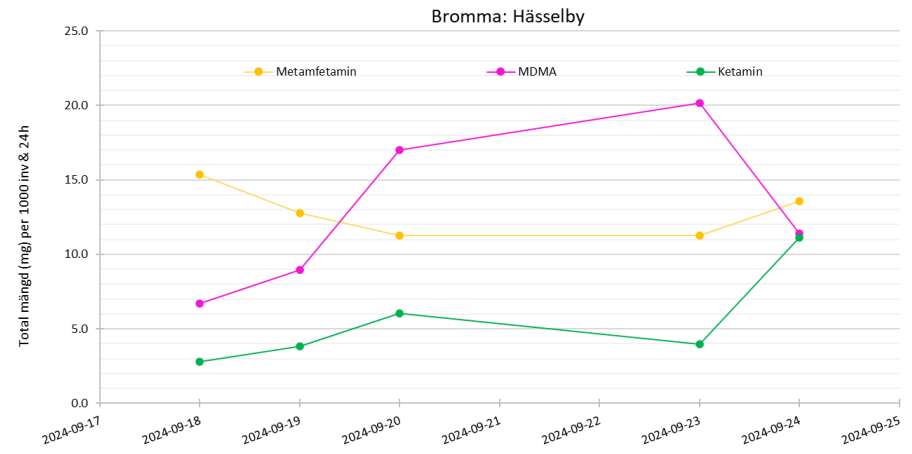
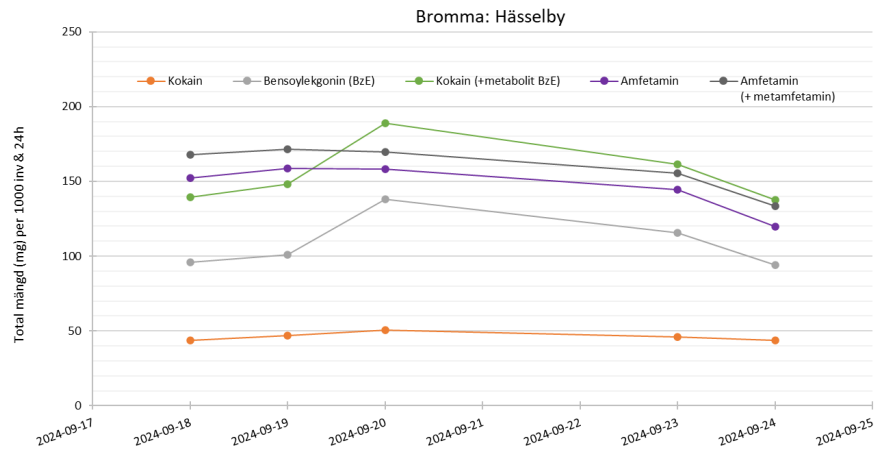


1.1.1.3 Bromma: Hässelby inloppet

Provtagningsomgång 1:

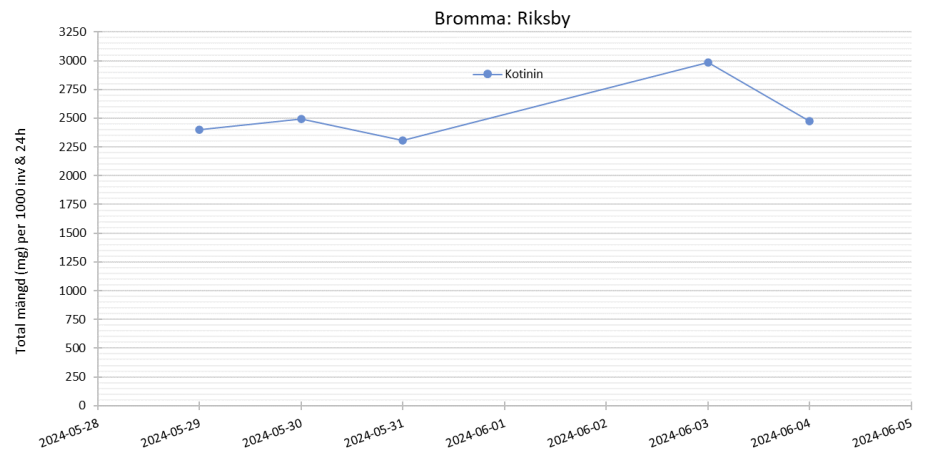
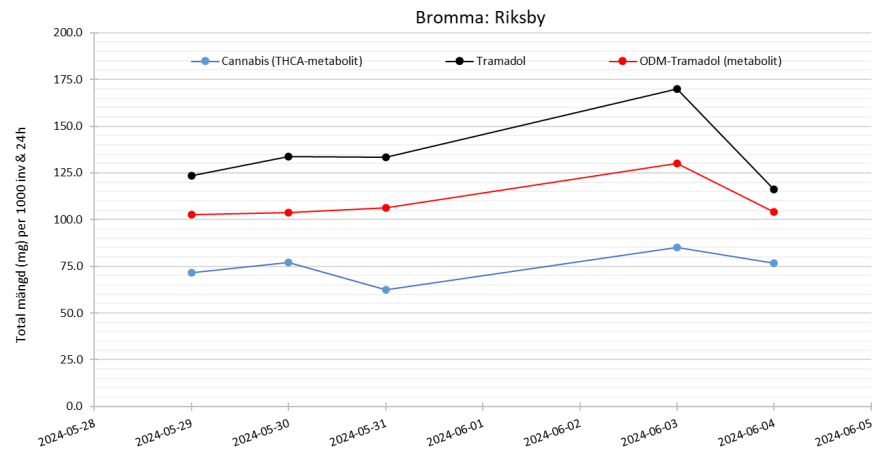
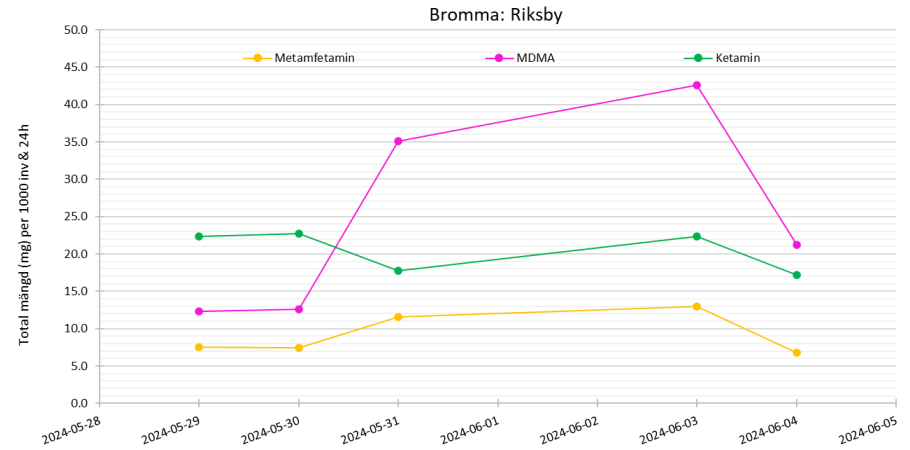
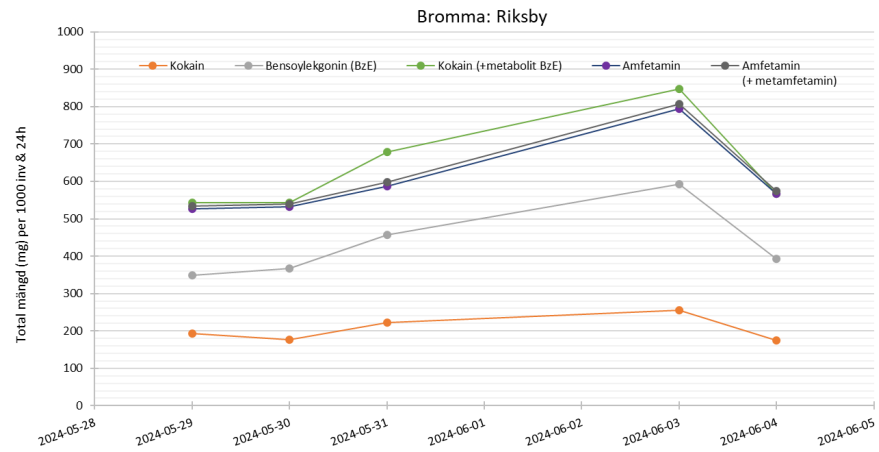


Provtagningsomgång 2:

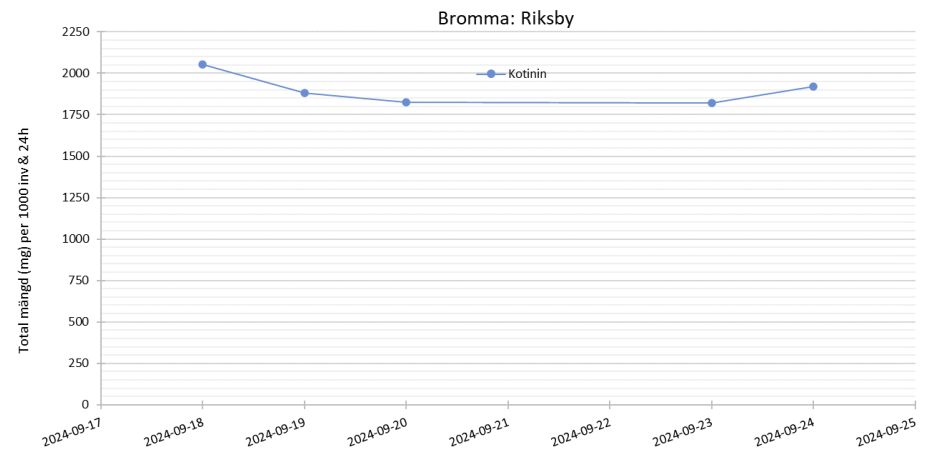
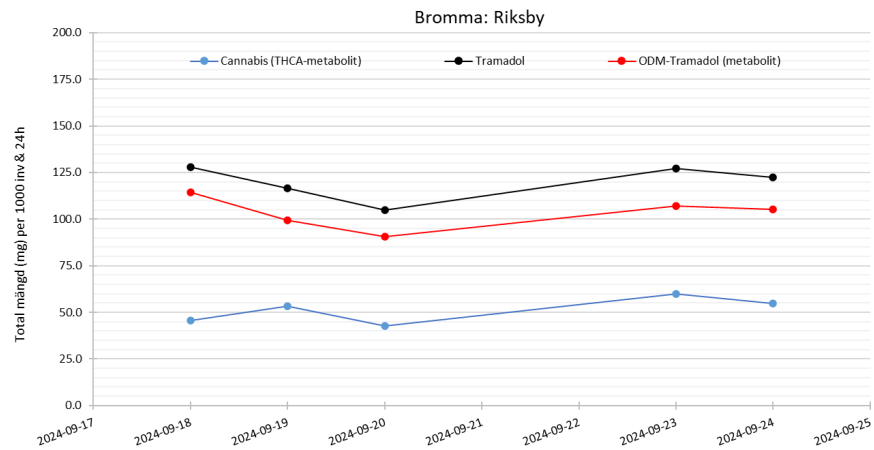
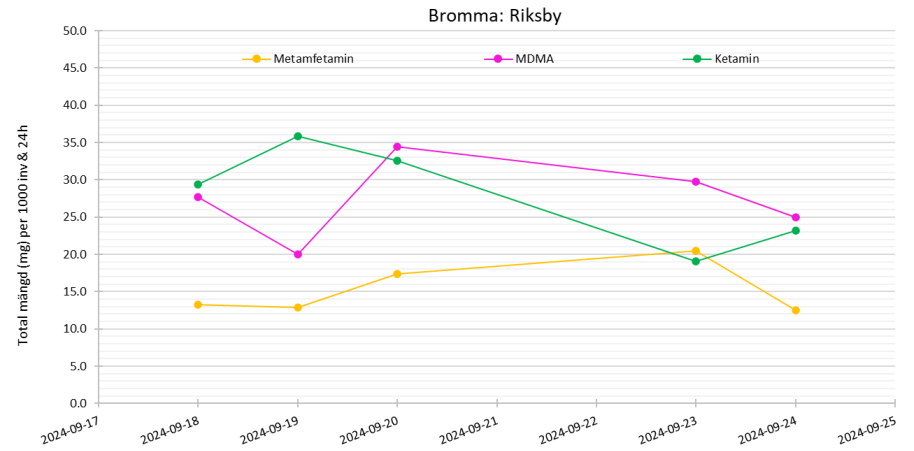
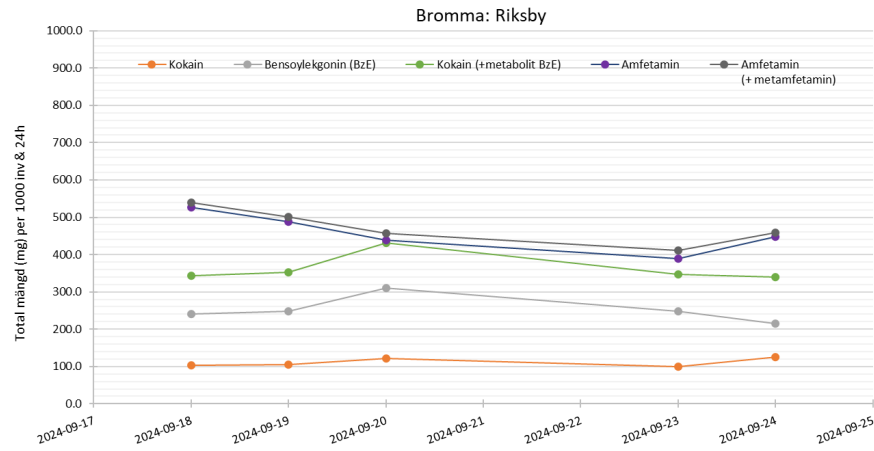


1.1.1.4 Bromma: Riksby inloppet

Provtagningsomgång 1:

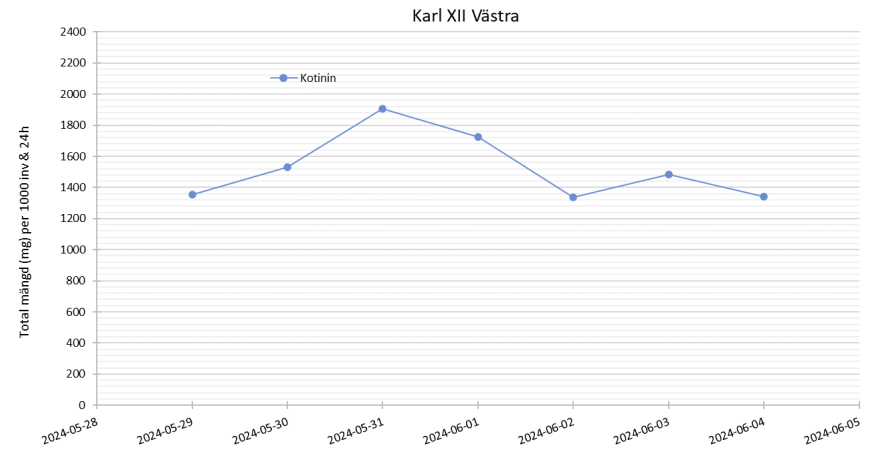
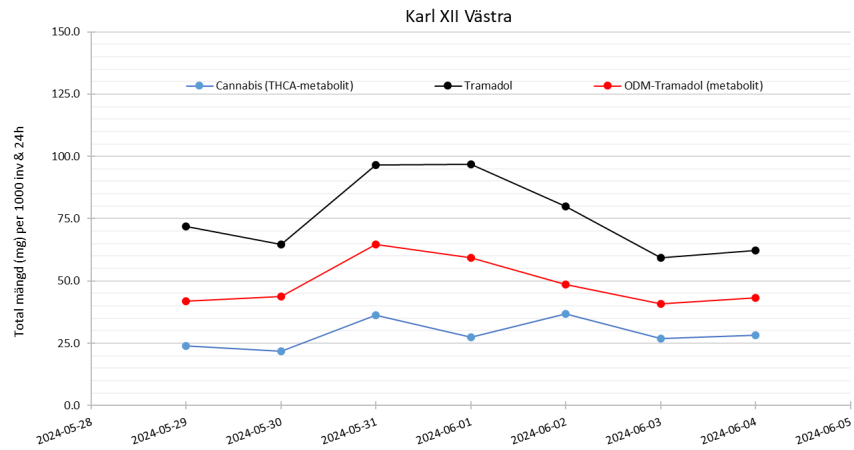
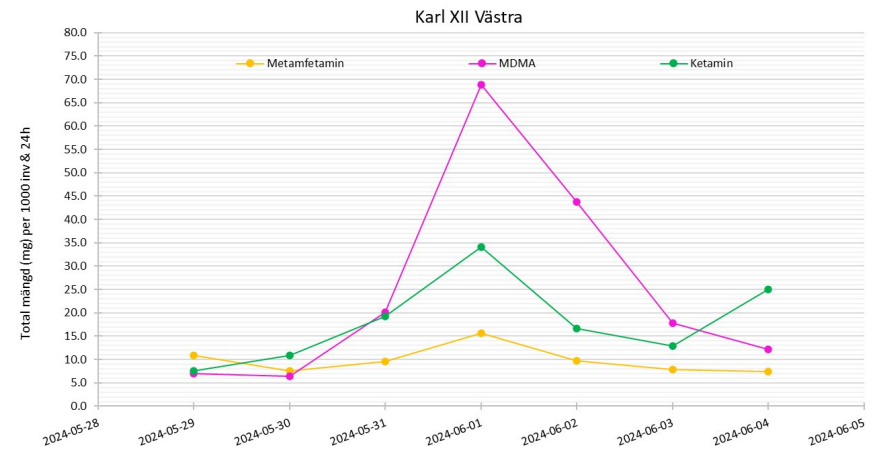
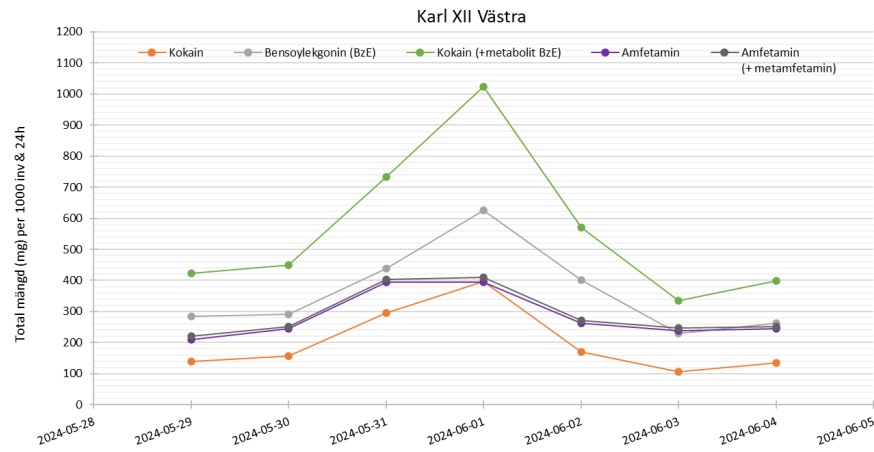


Provtagningsomgång 2:

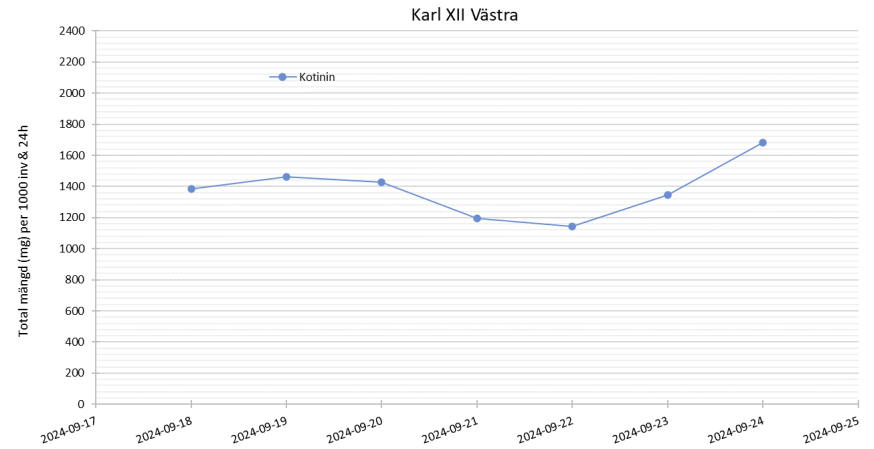
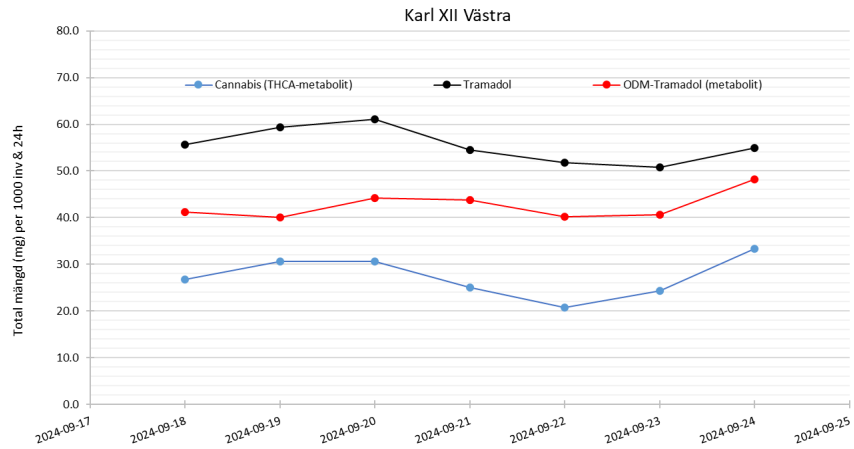
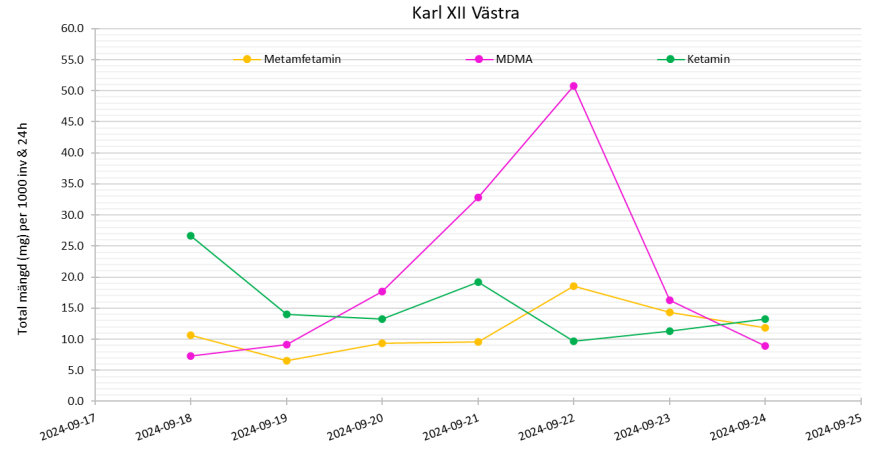
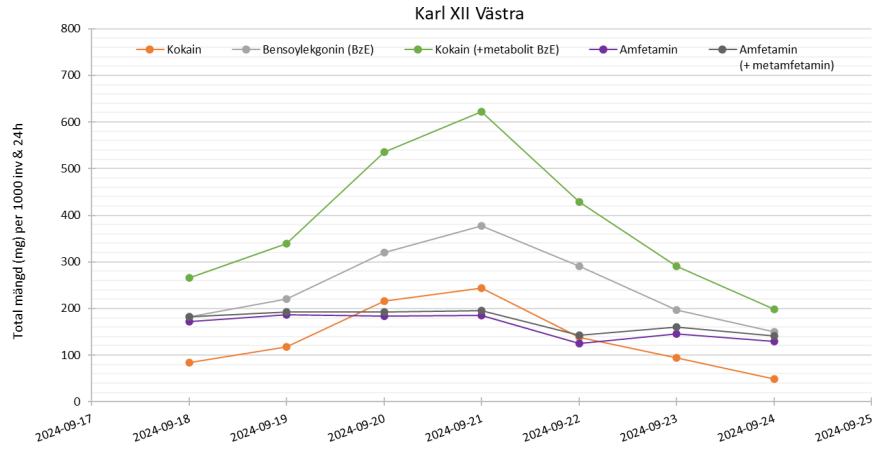


1.1.1.5 Pumpstation Karl XII Västra

Provtagningsomgång 1:

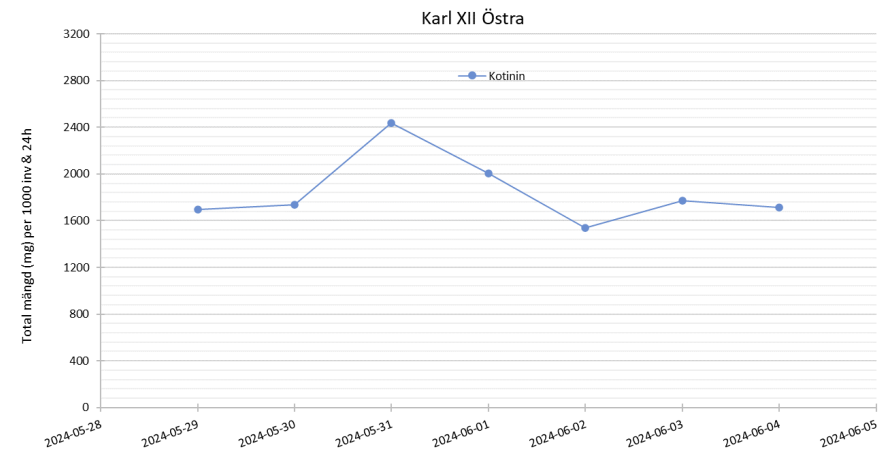
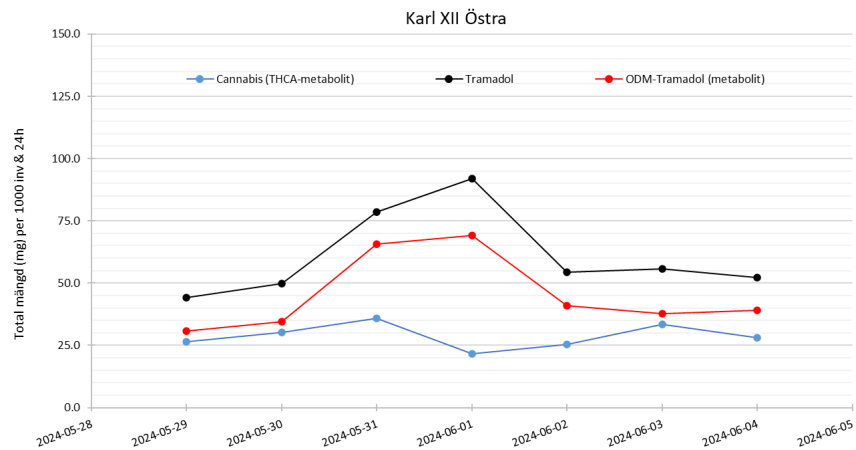
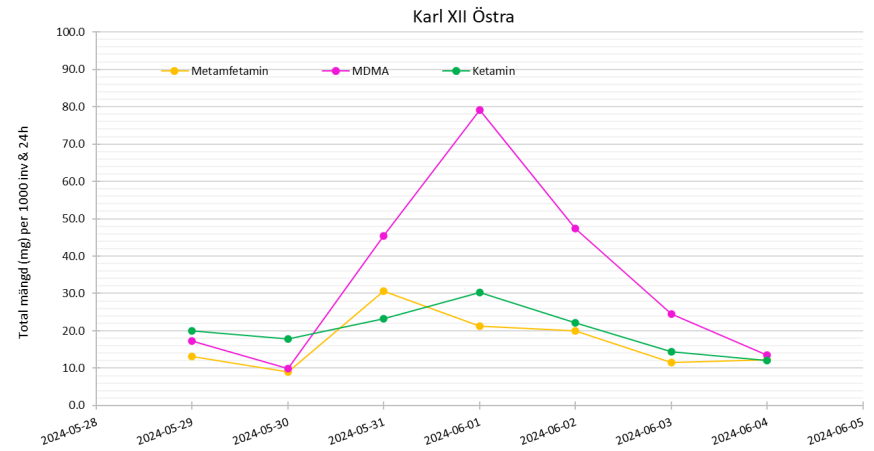
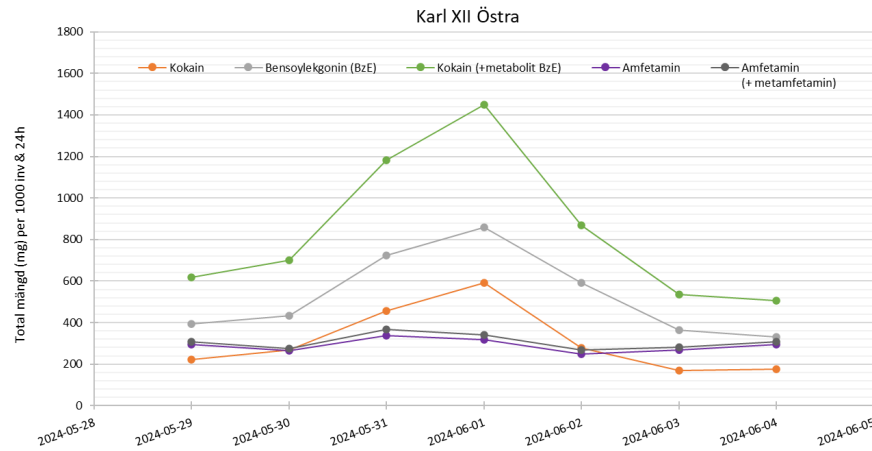


Provtagningsomgång 2:

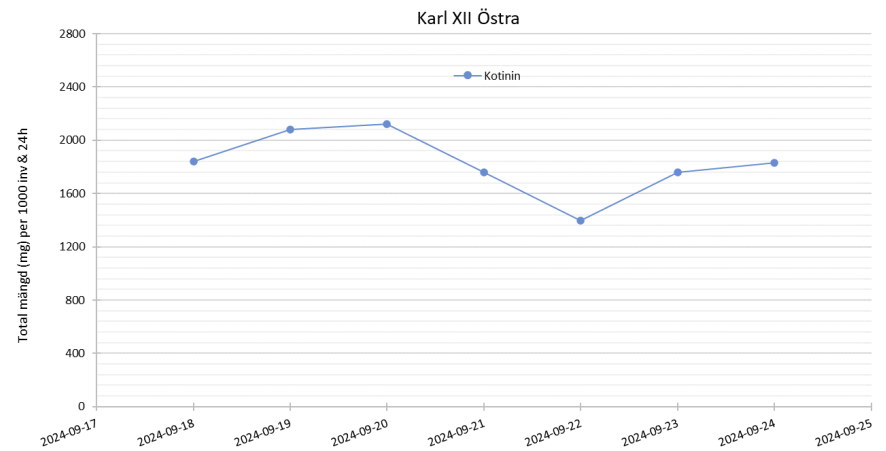
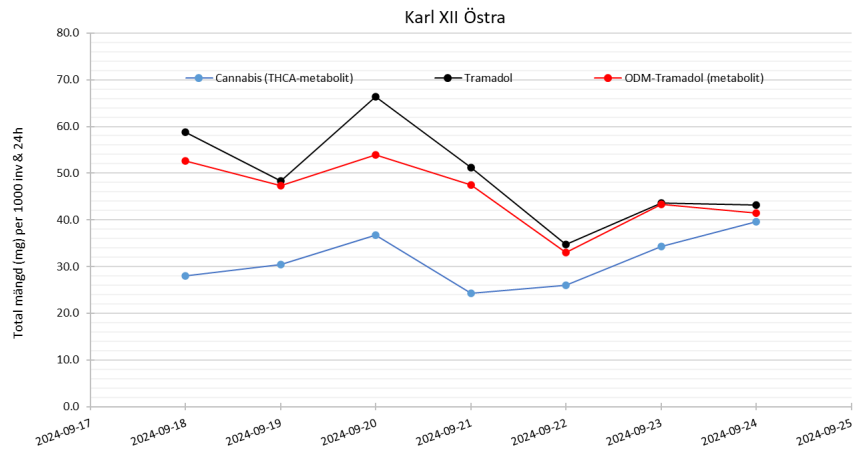
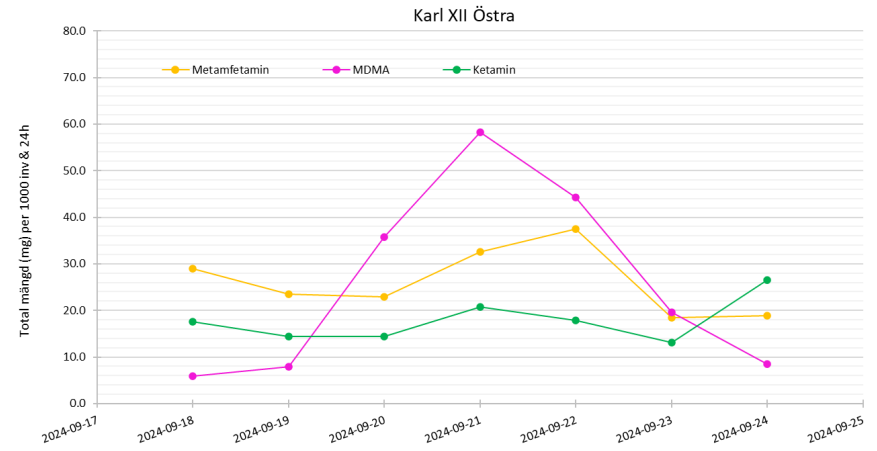
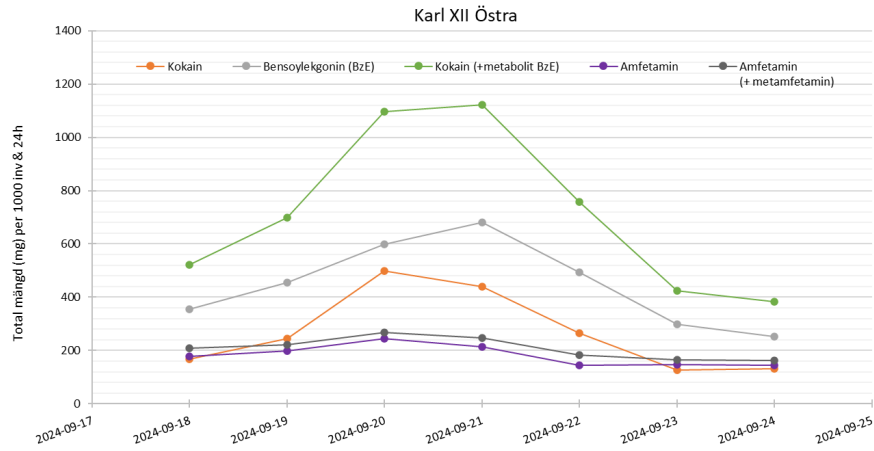


1.1.1.6 Pumpstation Karl XII Östra

Provtagningsomgång 1:

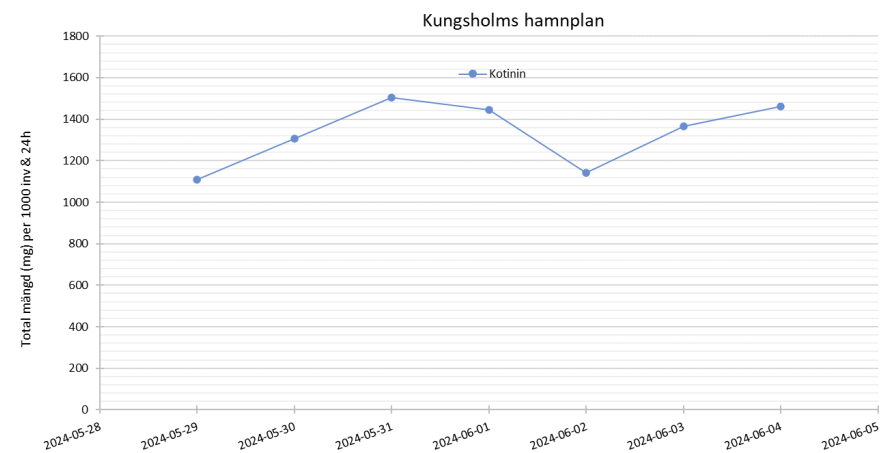
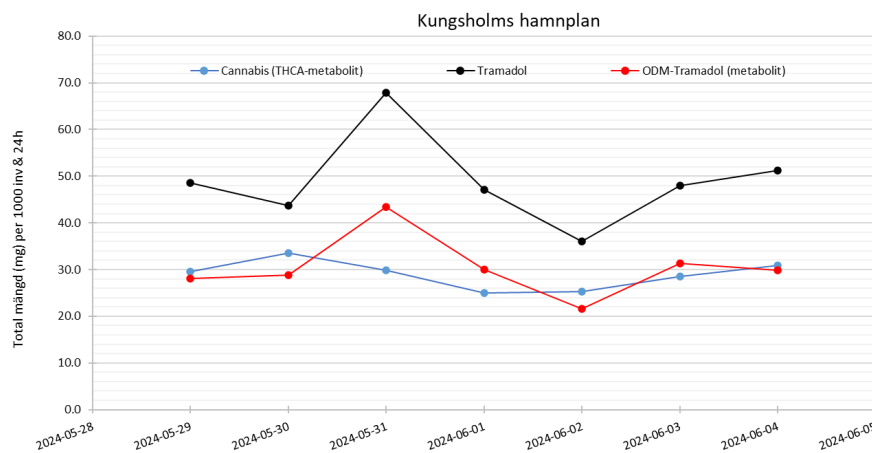
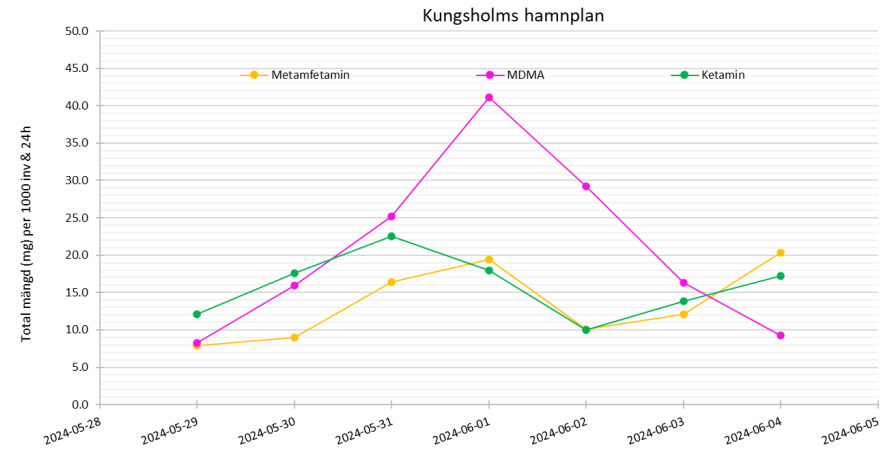
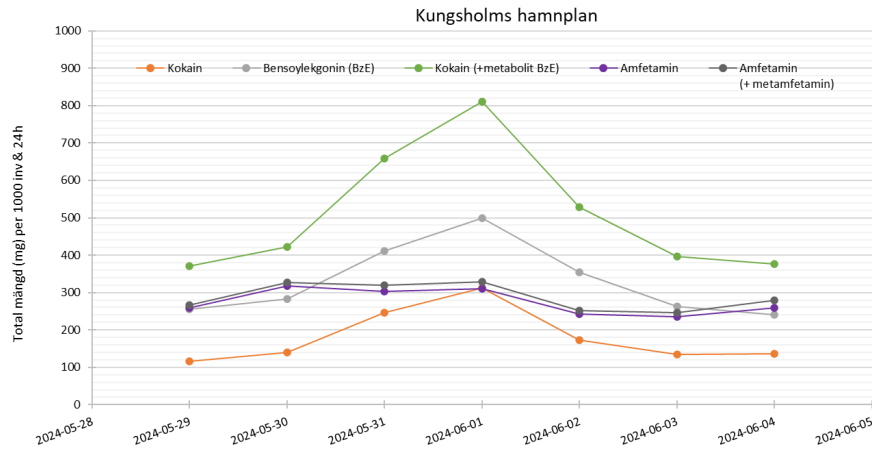


Provtagningsomgång 2:



1.1.1.7 Pumpstation Kungsholms hamnplan

Provtagningsomgång 1:

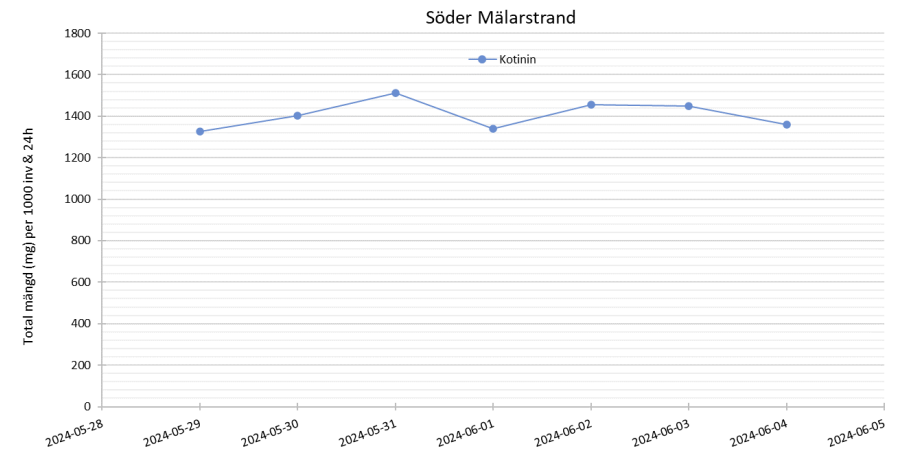
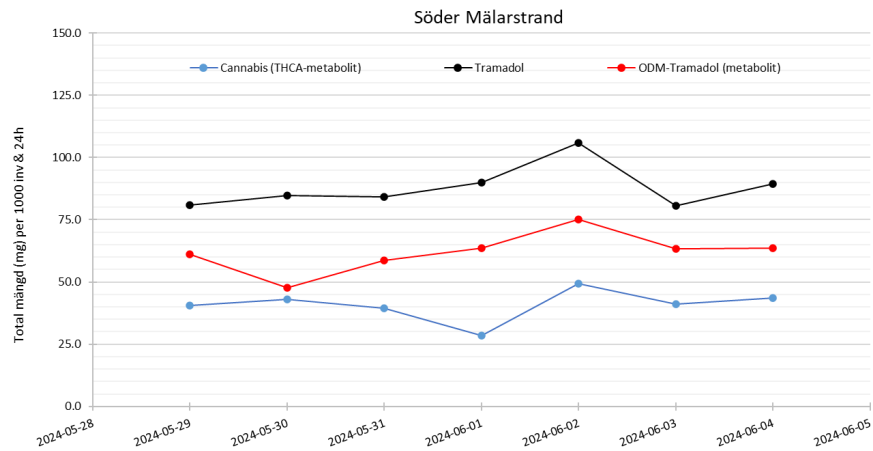
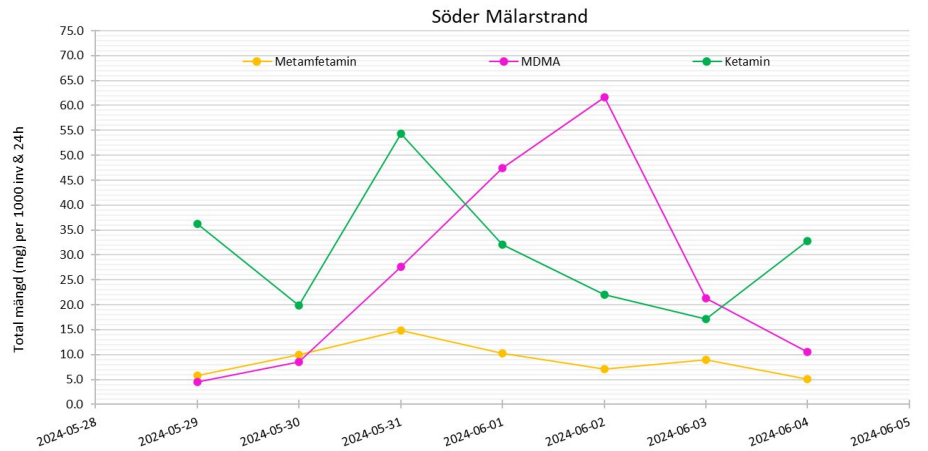
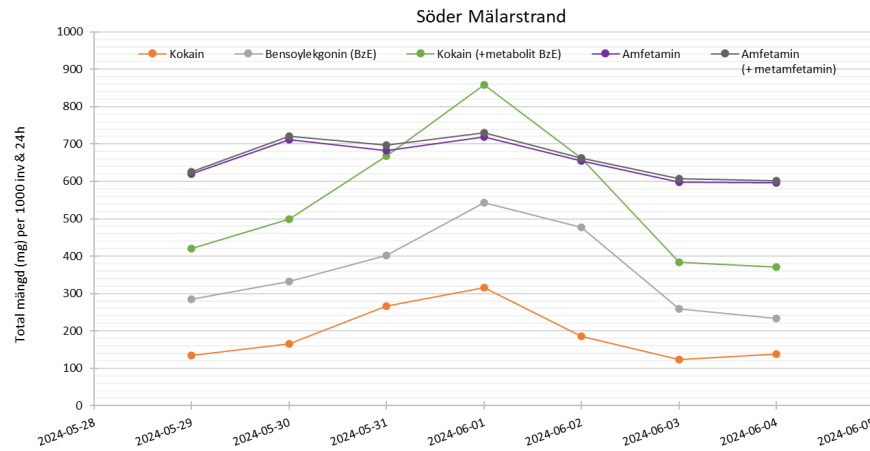


Provtagningsomgång 2:

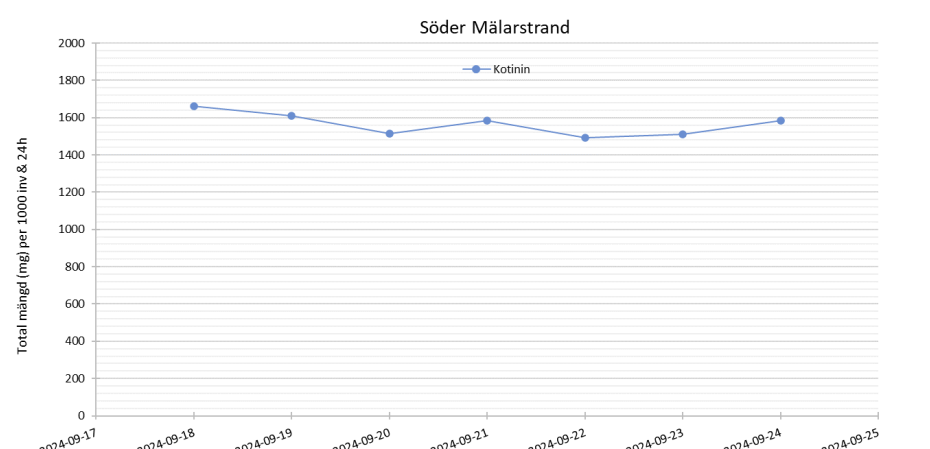
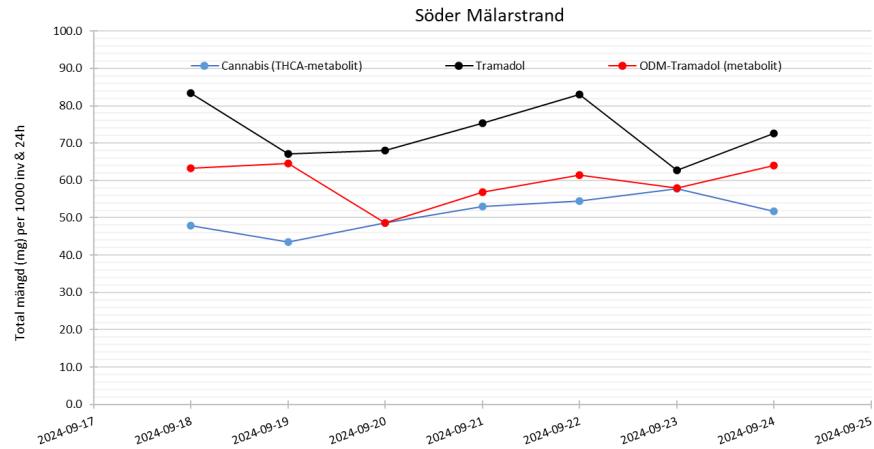
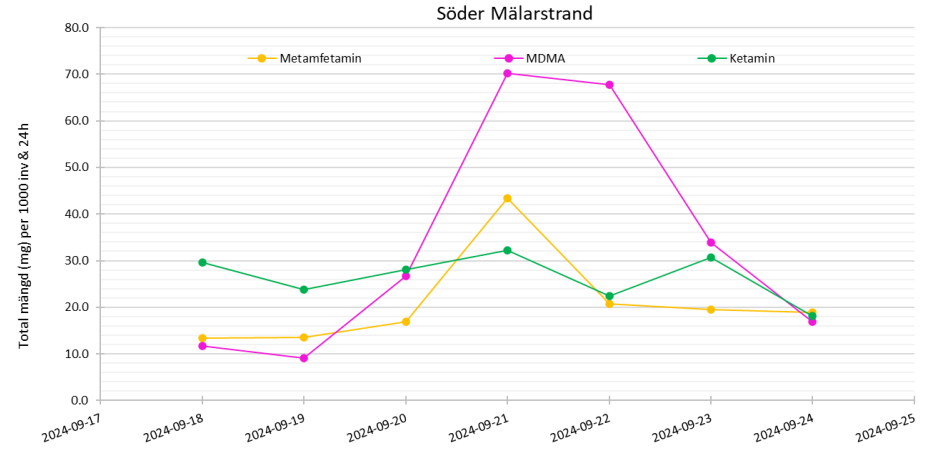
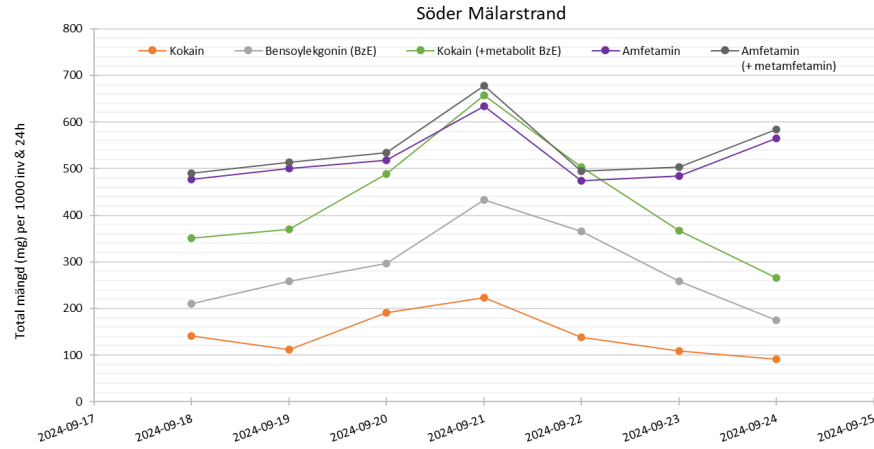
Inga prover togs pga arbetsstopp. Endast resultat från vårens mätning finns för Kungsholms hamnplan 2024.

1.1.1.8 Pumpstation Söder Mälärstrand

Provtagningsomgång 1:

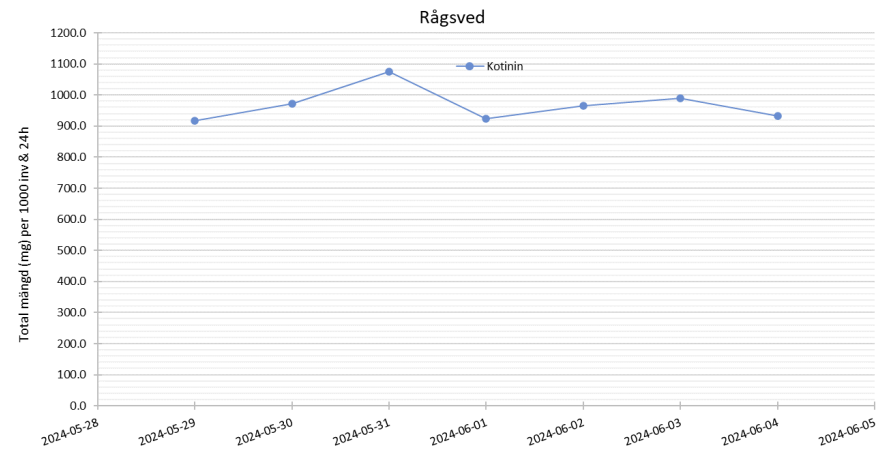
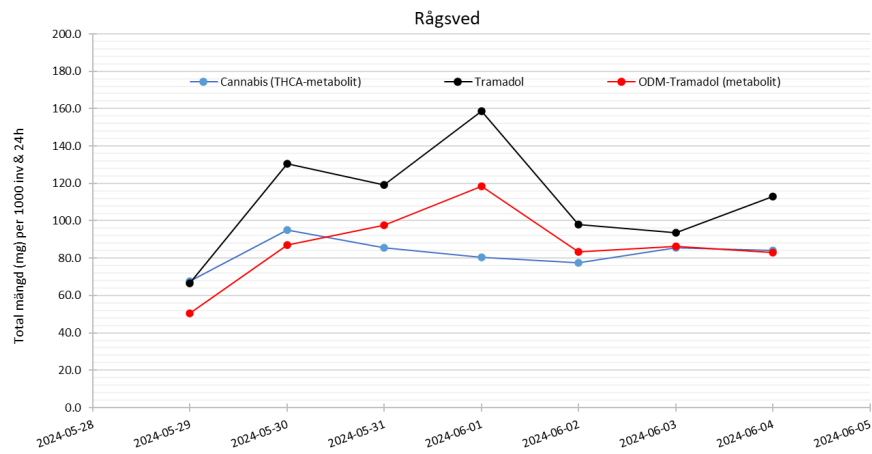
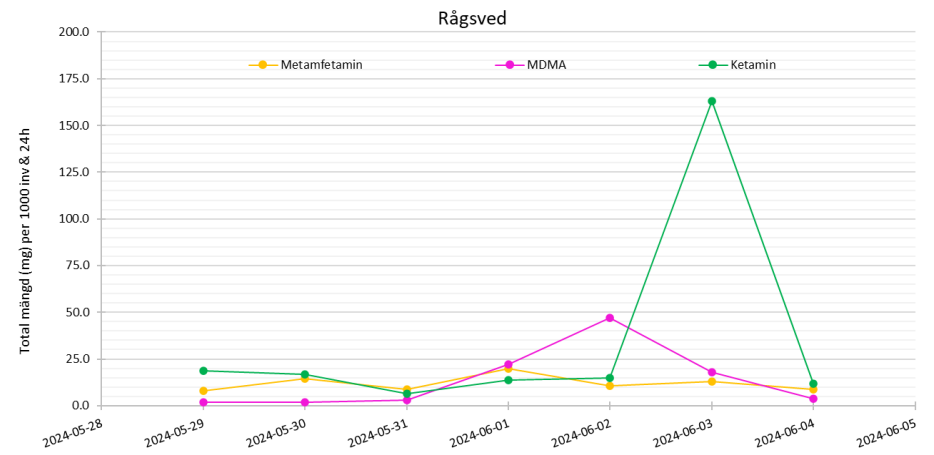
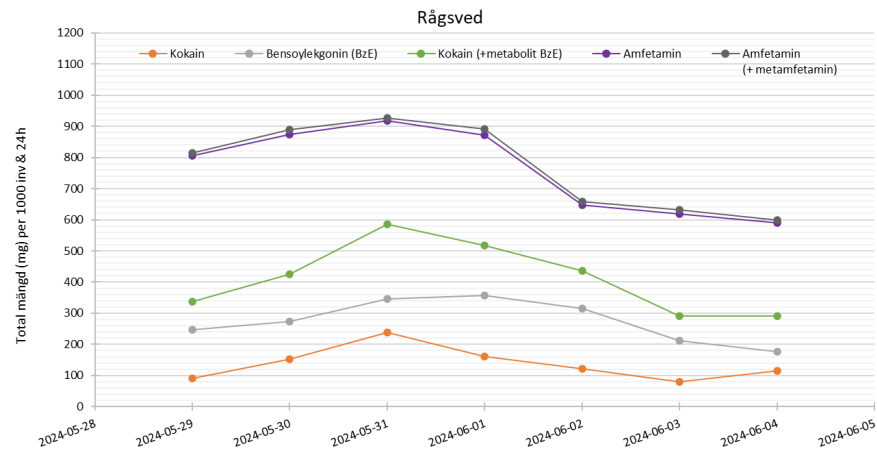


Provtagningsomgång 2:

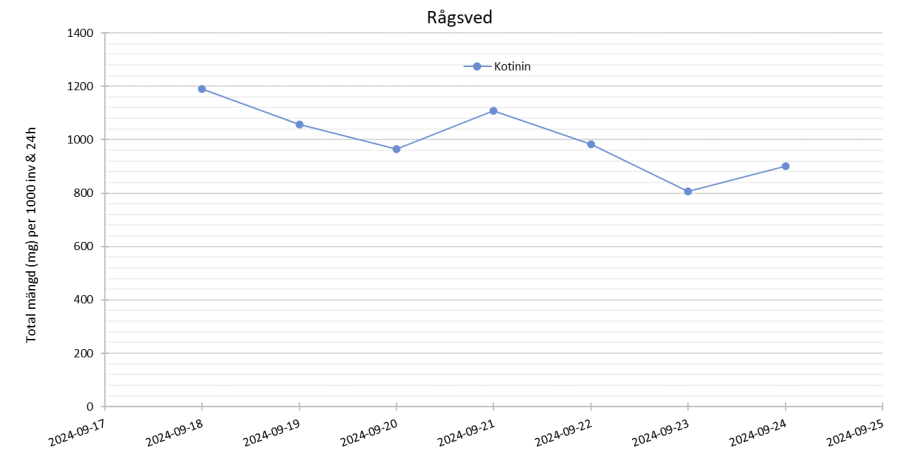
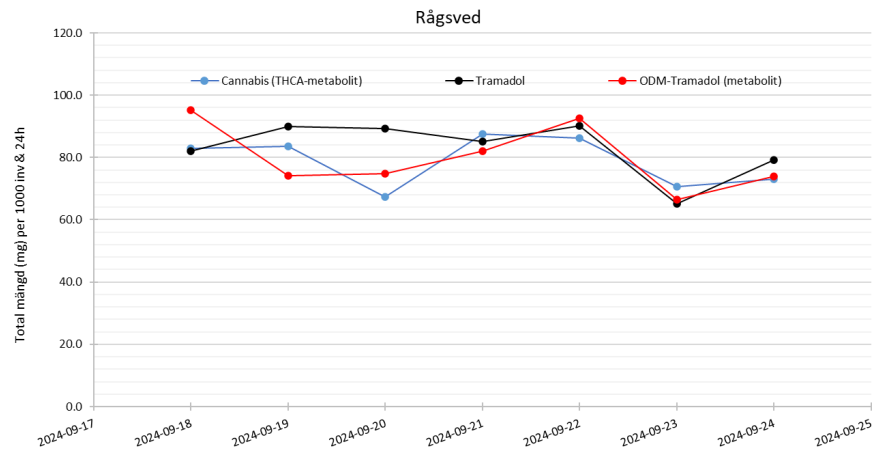
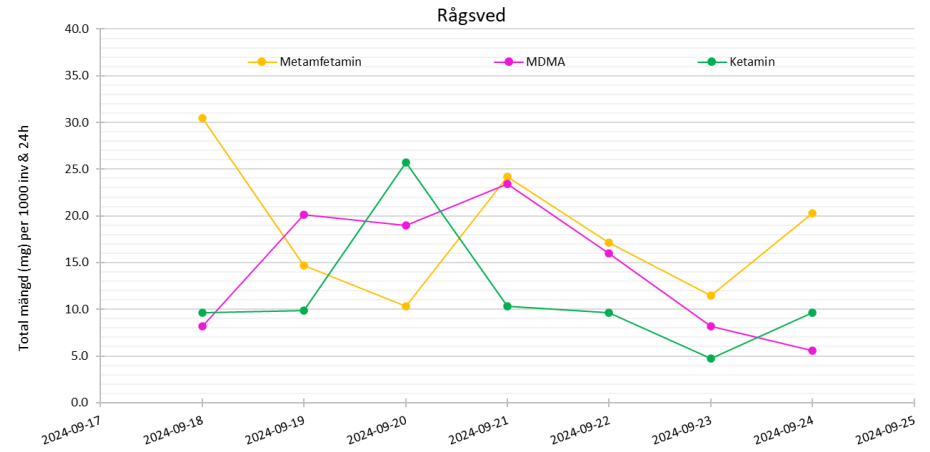
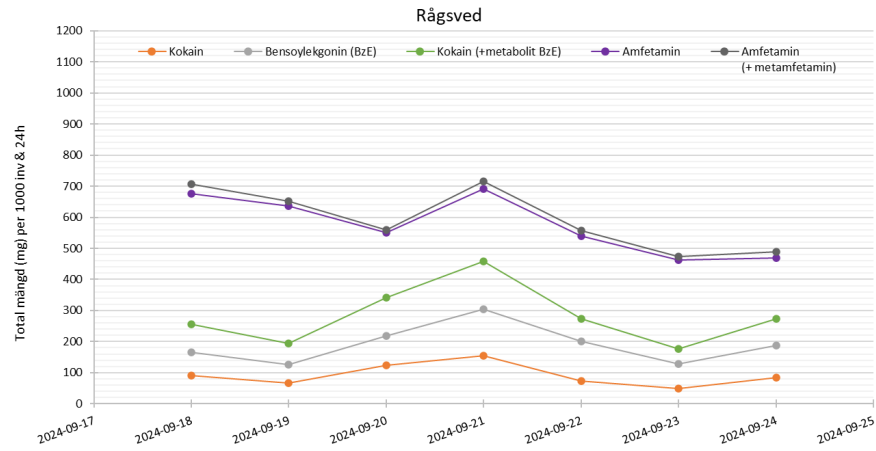


1.1.1.9 Pumpstation Rågsved

Provtagningsomgång 1:

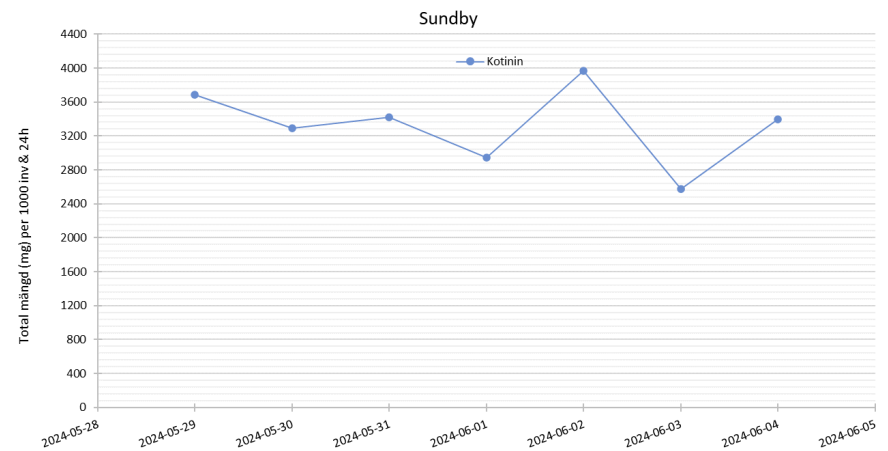
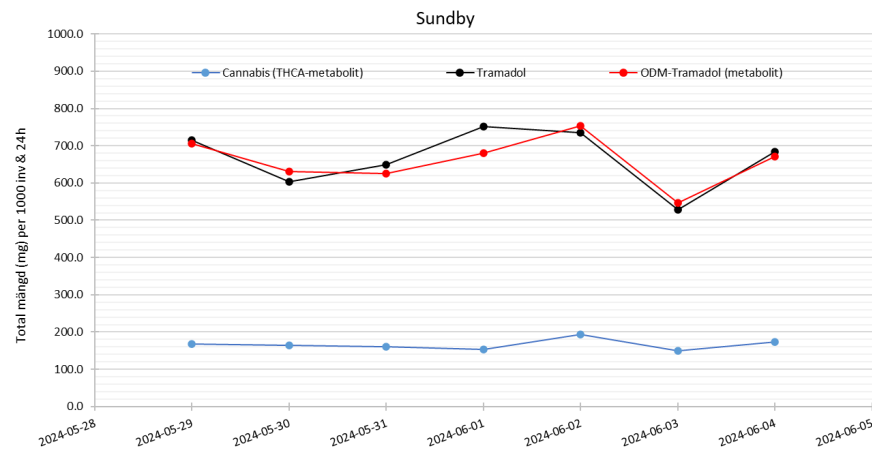
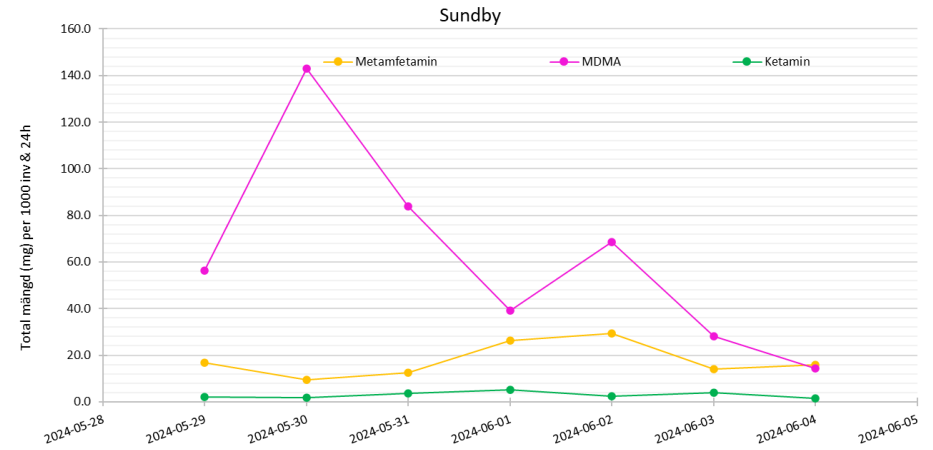
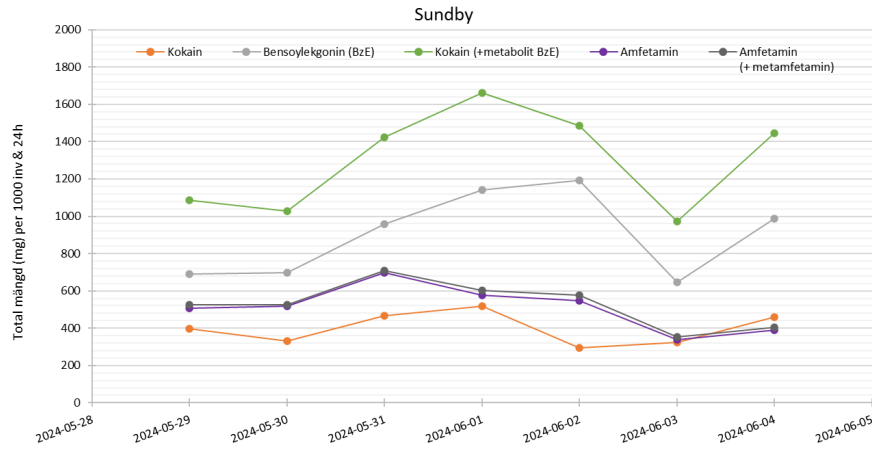


Provtagningsomgång 2:

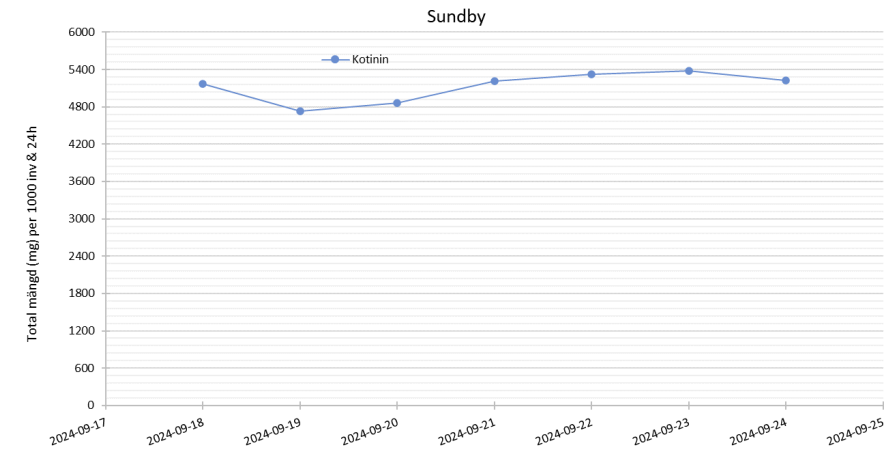
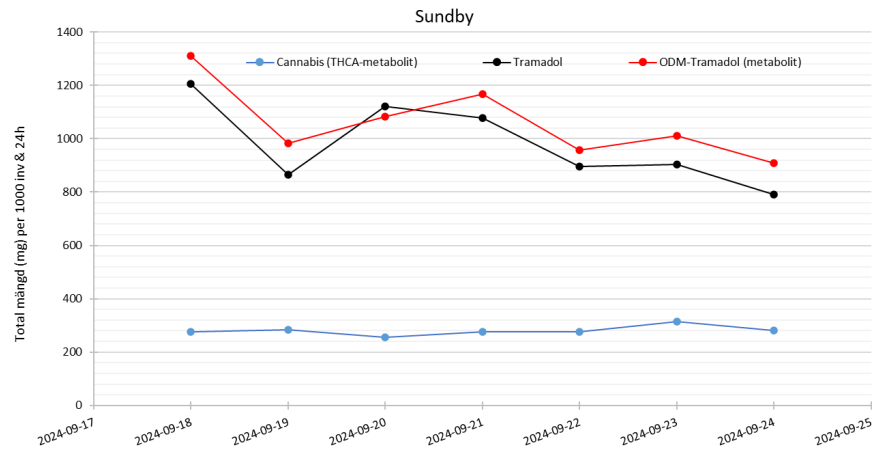
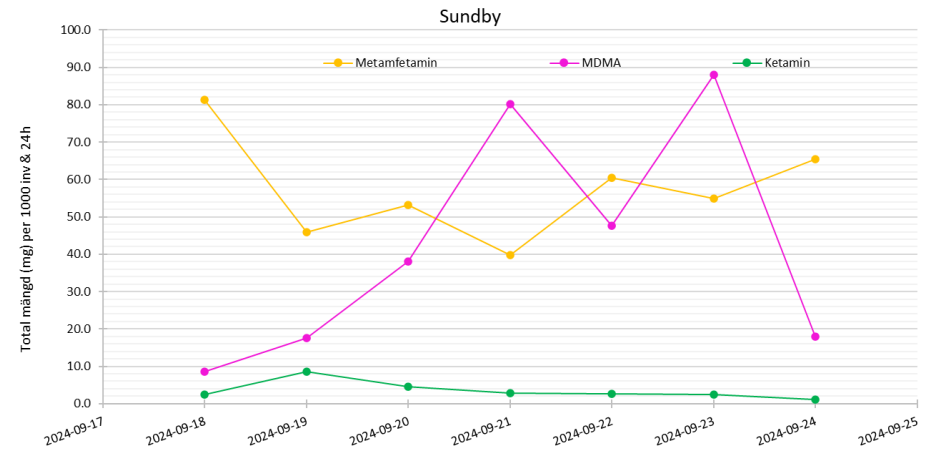
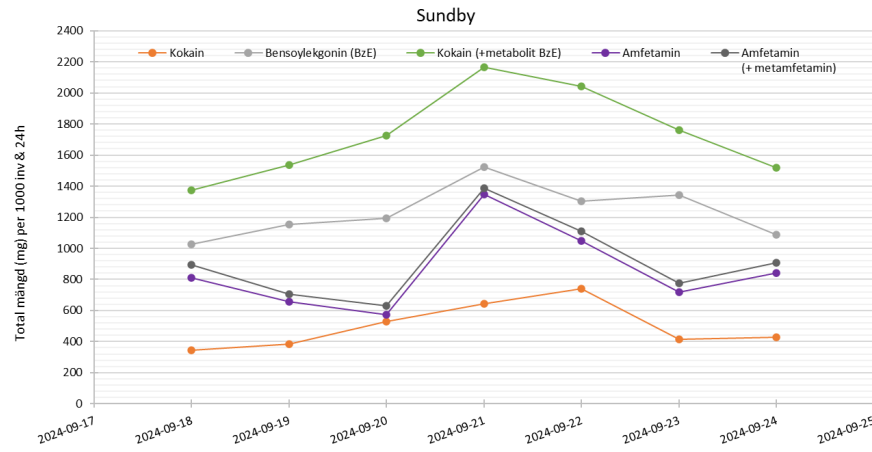


1.1.1.10 Pumpstation Sundby

Provtagningsomgång 1:



Provtagningsomgång 2:



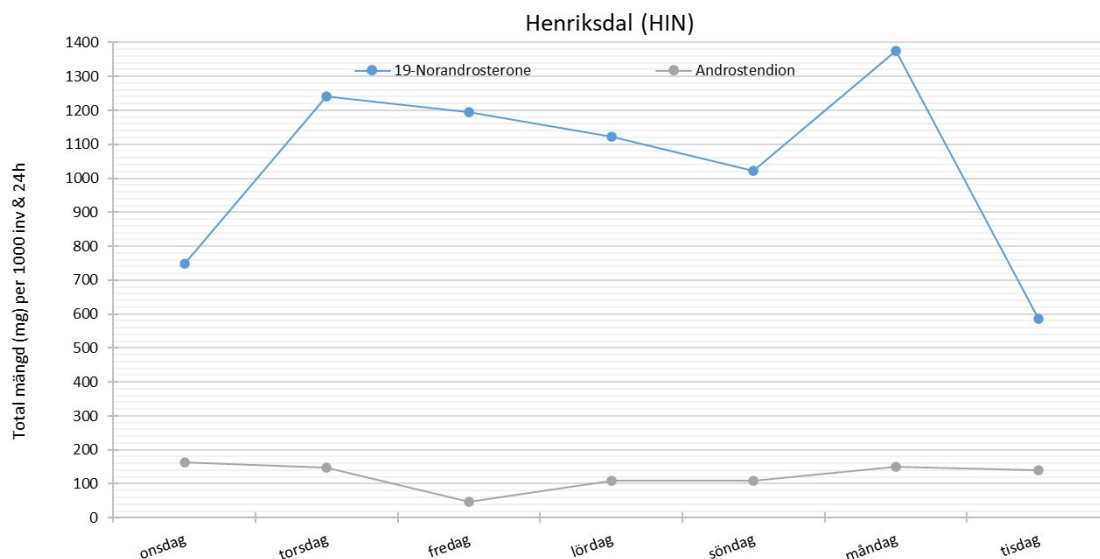
1.2 Doping

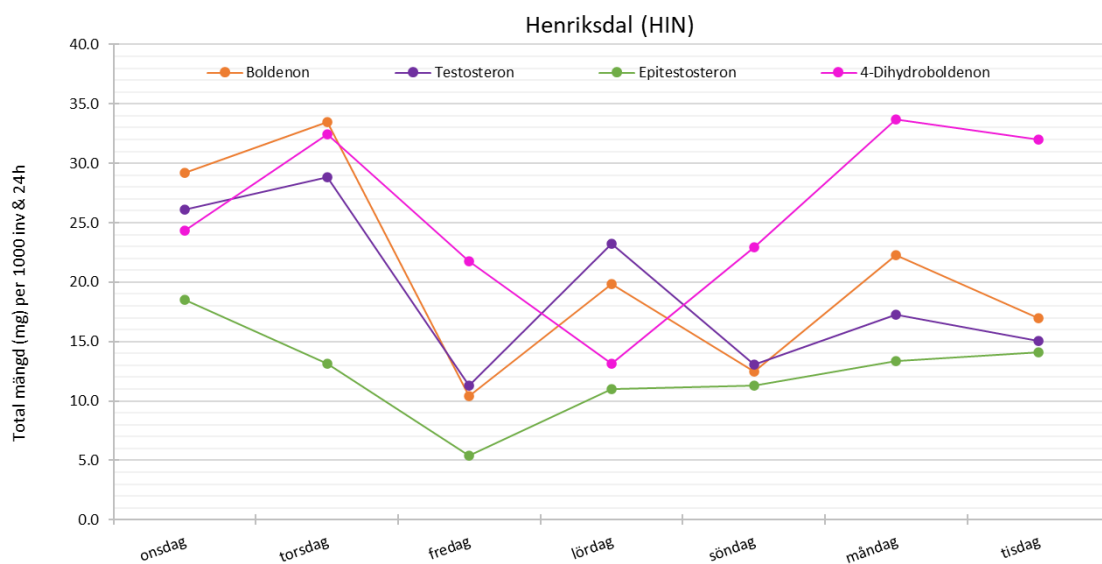
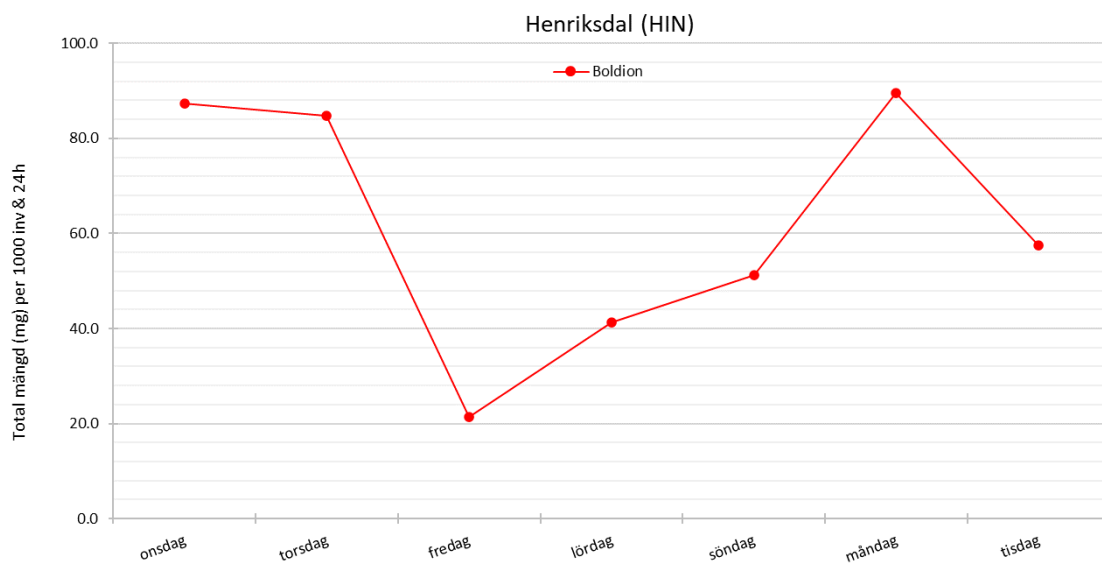
1.2.1 Resultat – Per provtagningspunkt

I det här avsnittet presenteras hur de olika substanserna varierade under provtagningsperioden vid respektive provtagningsplats. Punkterna på linjerna indikerar respektive provdatum. För att underlätta tolkningen av graferna har datumen bytts ut mot veckodag. Samtliga analyserade prover kommer från provtagning 2024-05-29 till 2024-06-05. Prover från hela 7-dagars serien för samtliga provplatser förutom de tre inloppen till Bromma (Järva, Hässelby och Riksby) som har 5-dagars serier (72h prov för helgen).

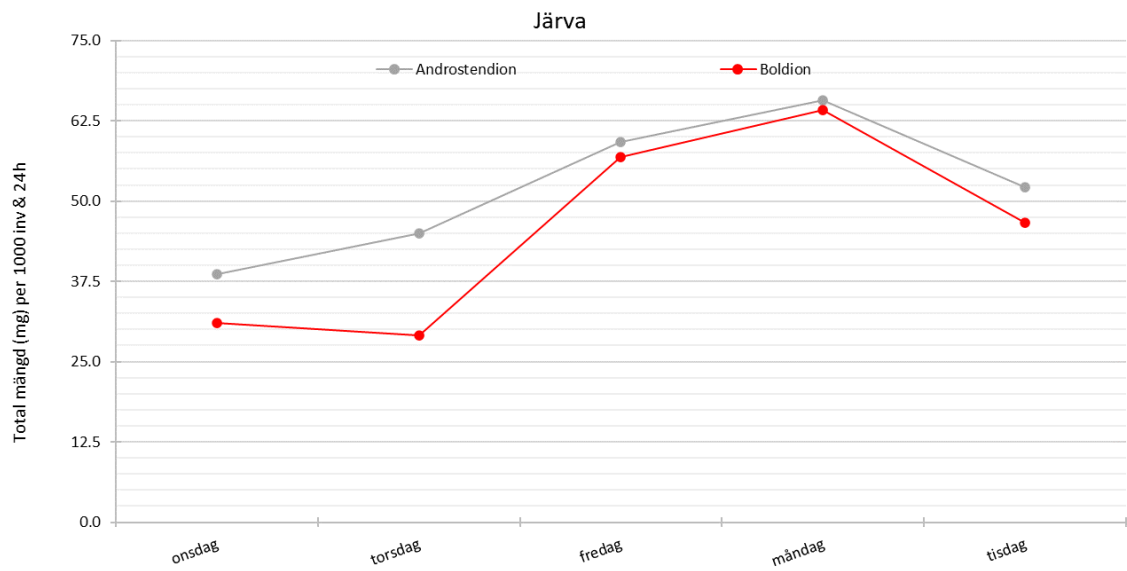
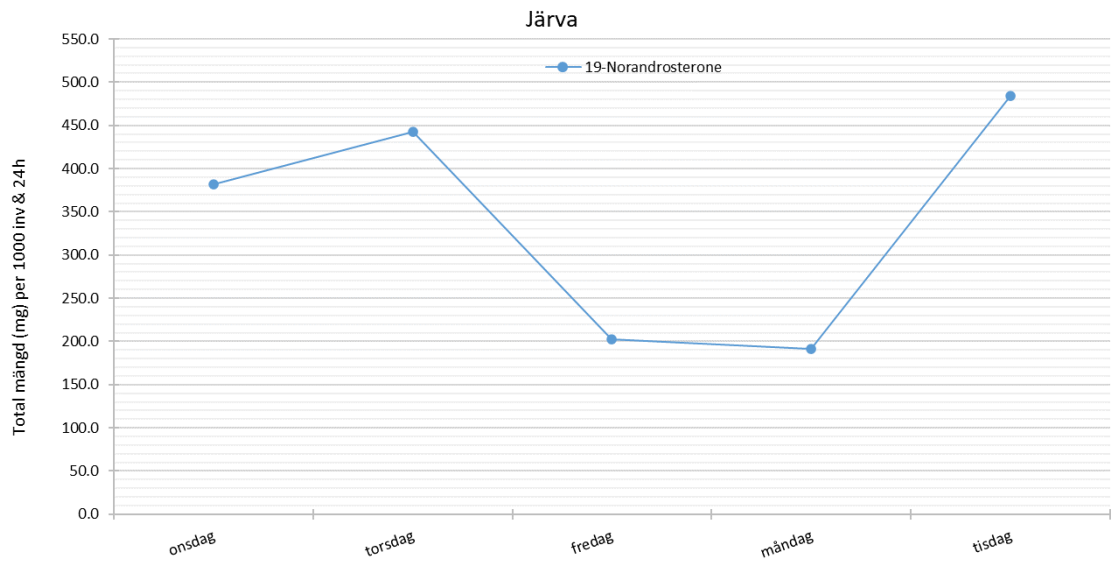
Vissa substanser har utelämnats i figurerna till följd av mycket låga nivåer och/eller där substanserna ej detekterats (se Bilaga V).

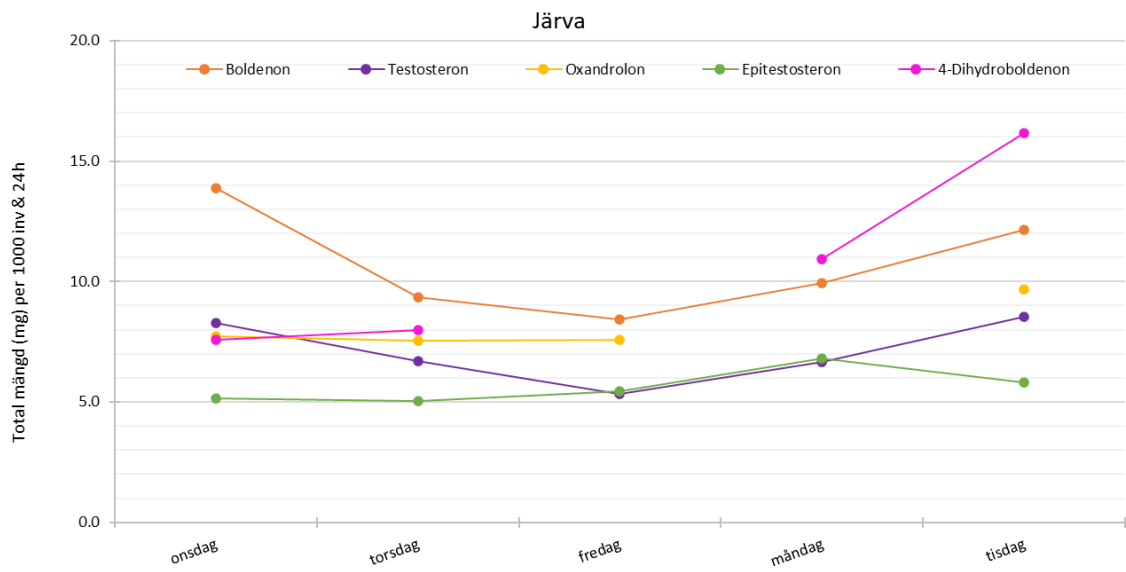
1.2.1.1 Henriksdal (HIN)



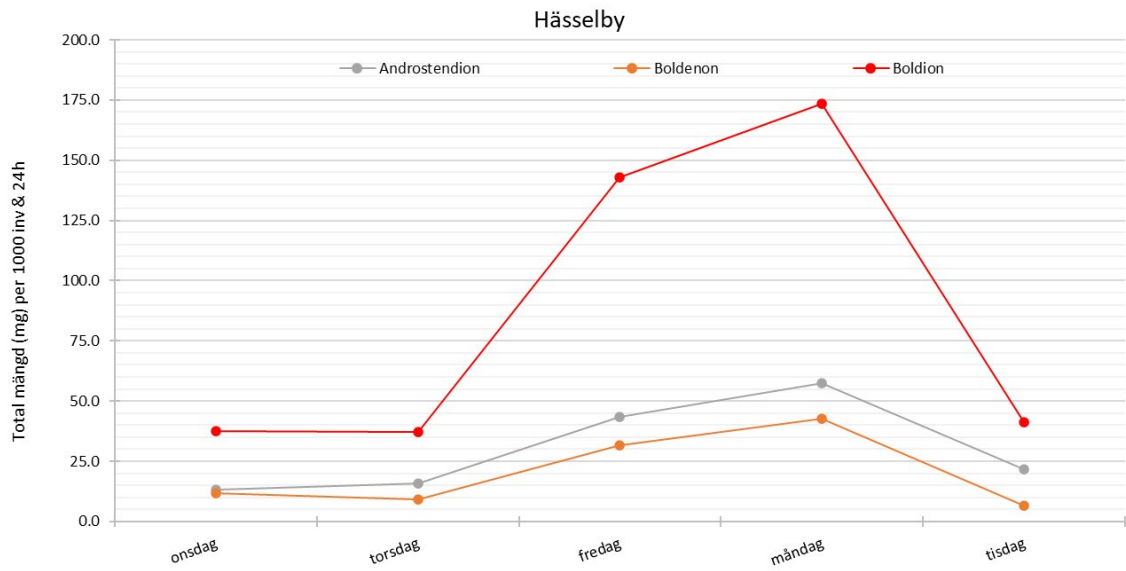


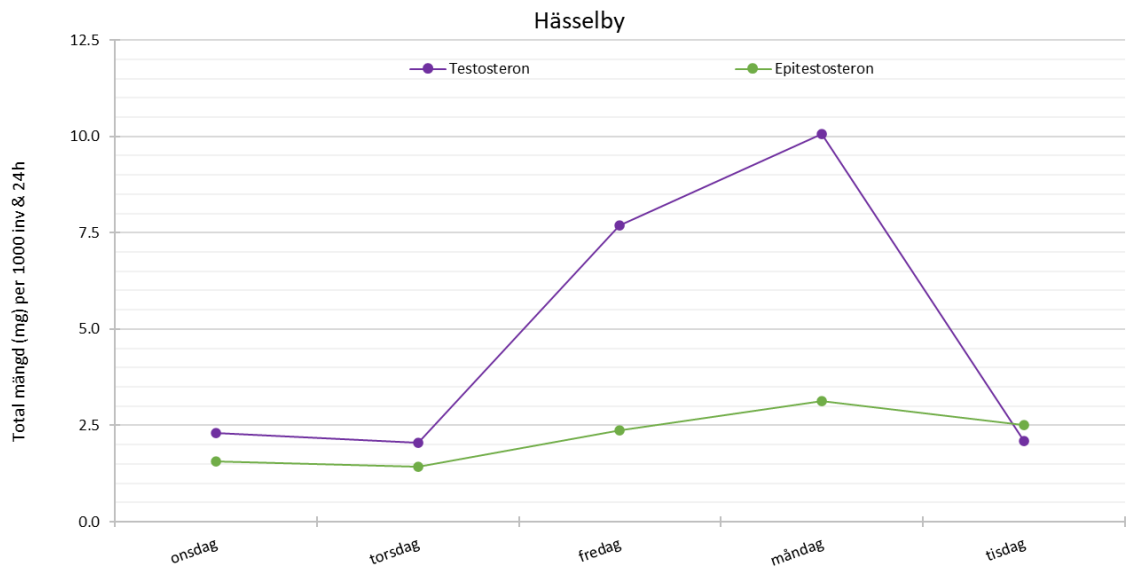
1.2.1.2 Bromma: Järva inloppet



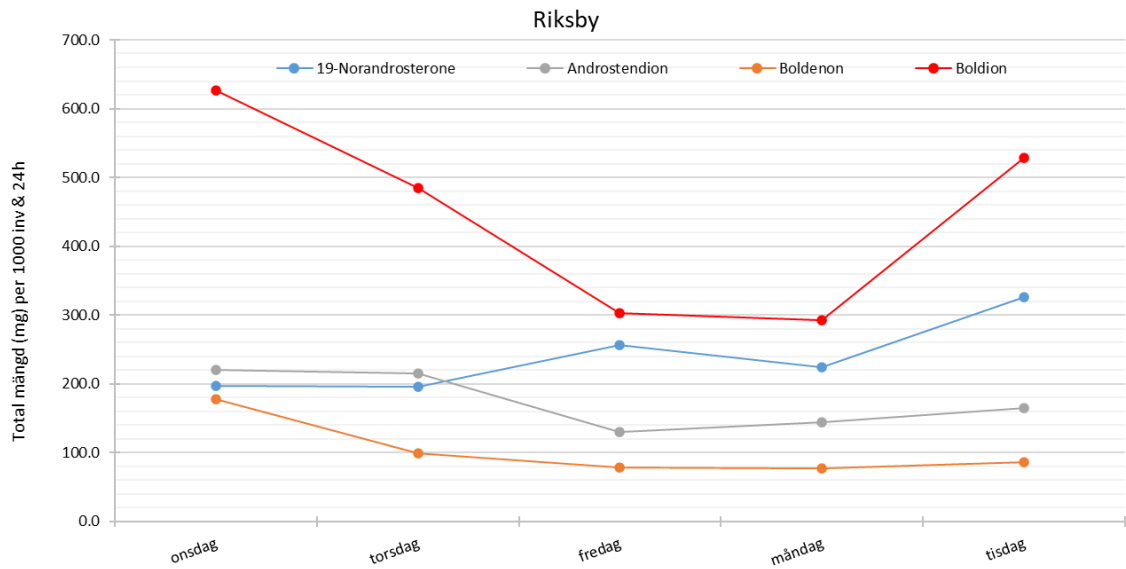


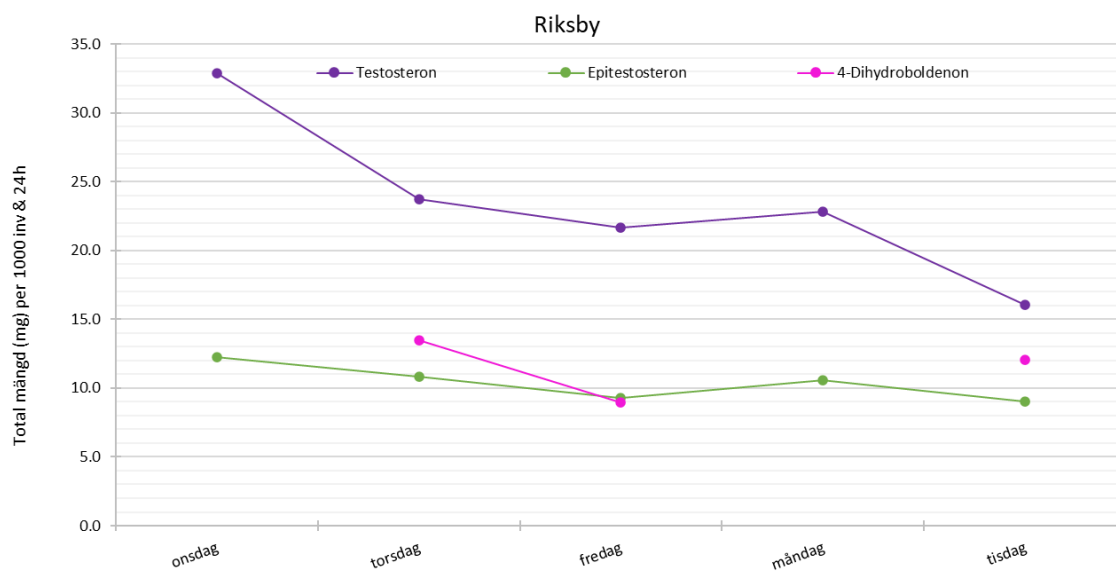
1.2.1.3 Bromma: Hässelby inloppet



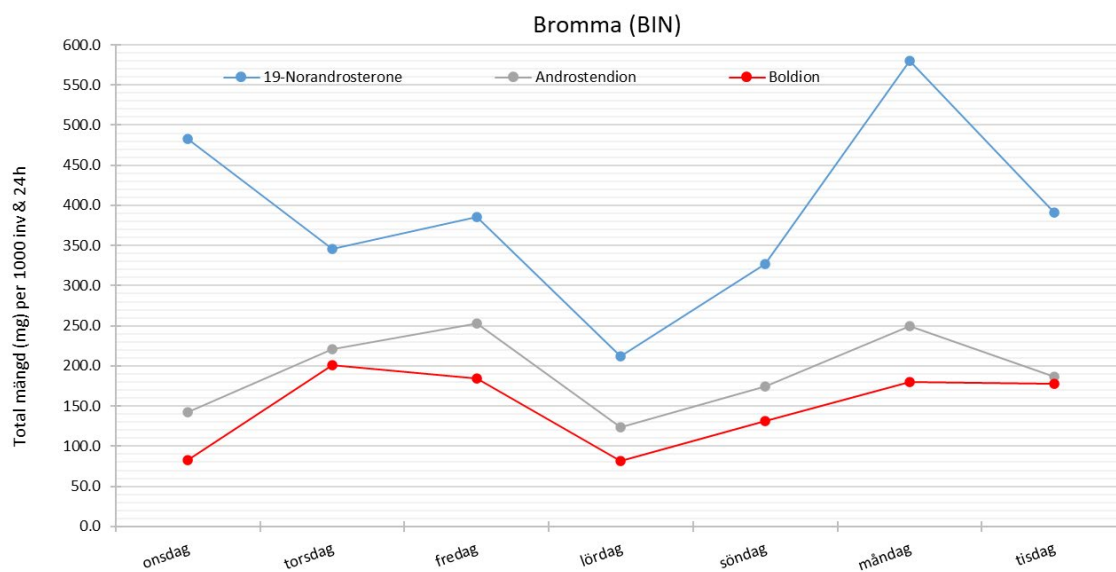


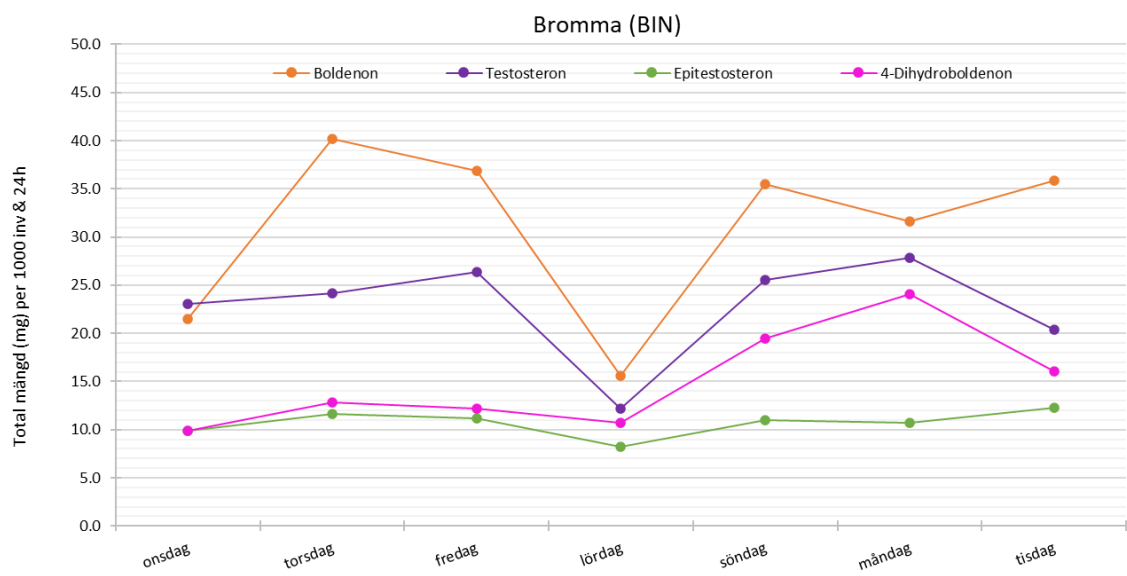
1.2.1.4 Bromma: Riksby inloppet



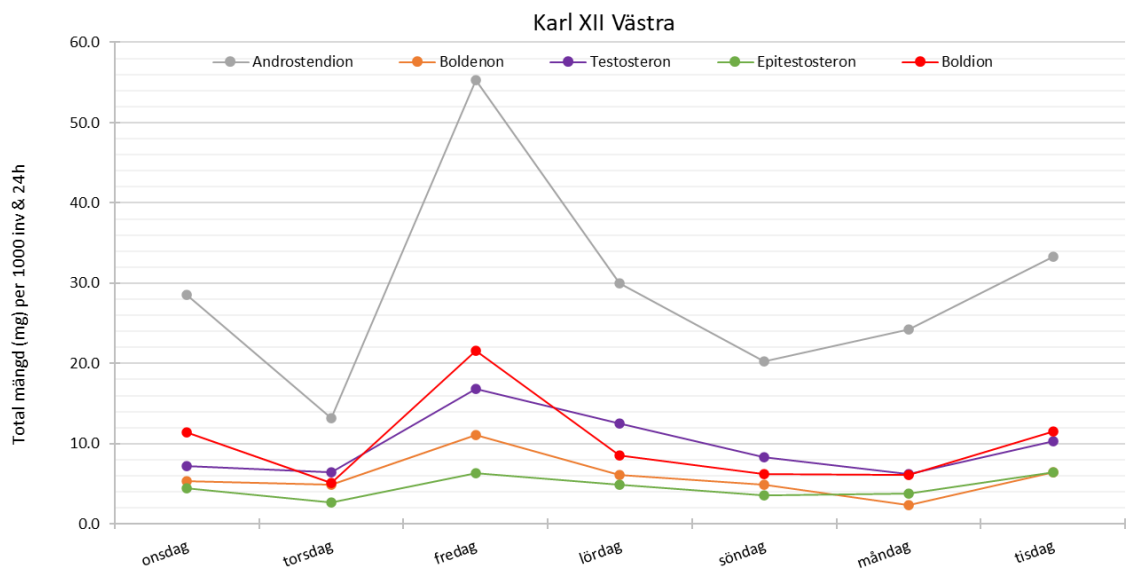
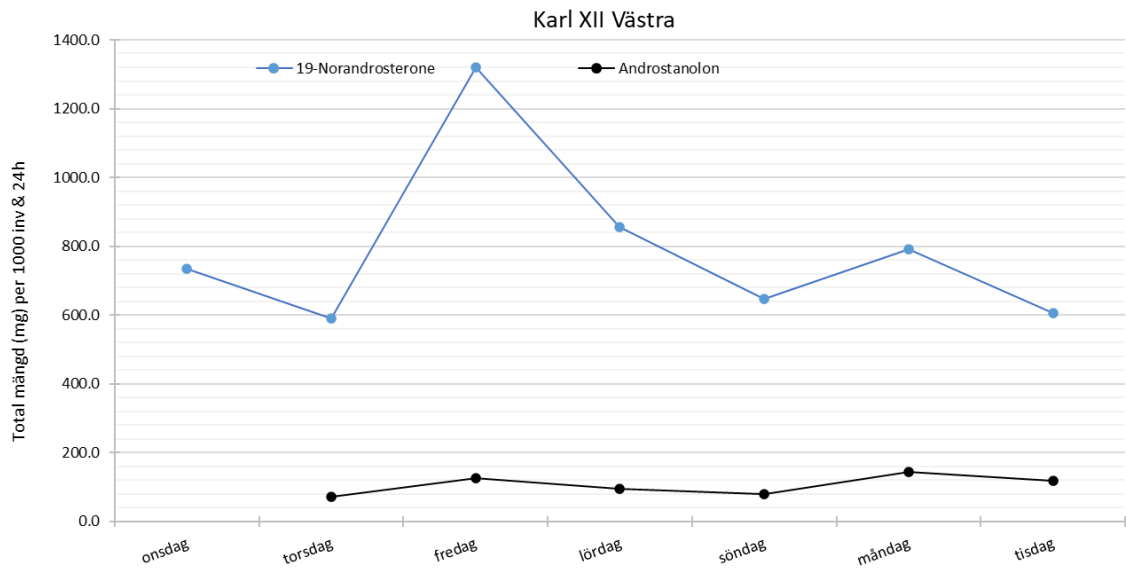


1.2.1.5 Bromma (BIN)

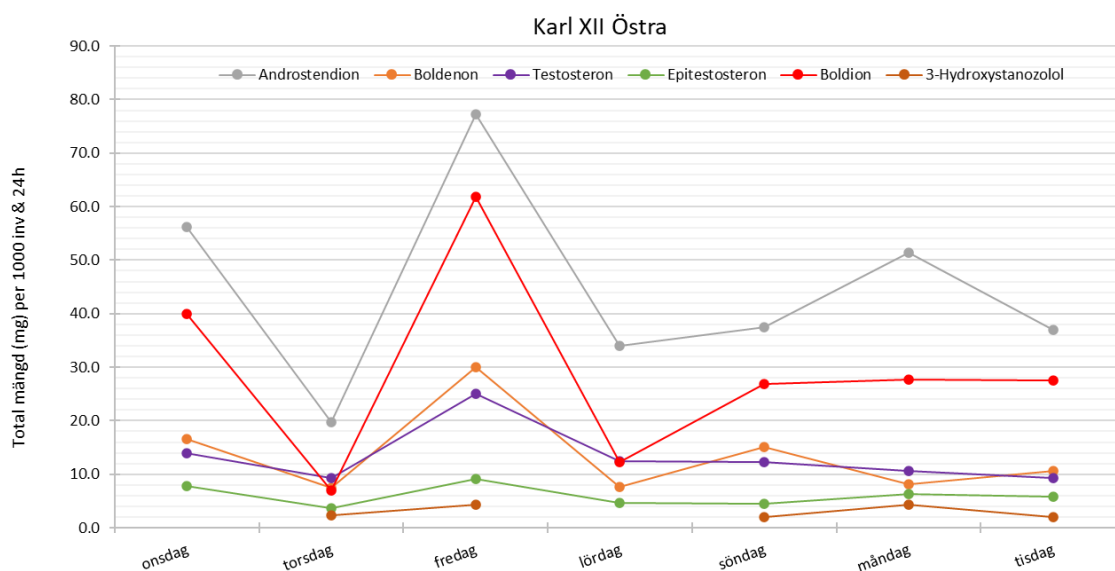
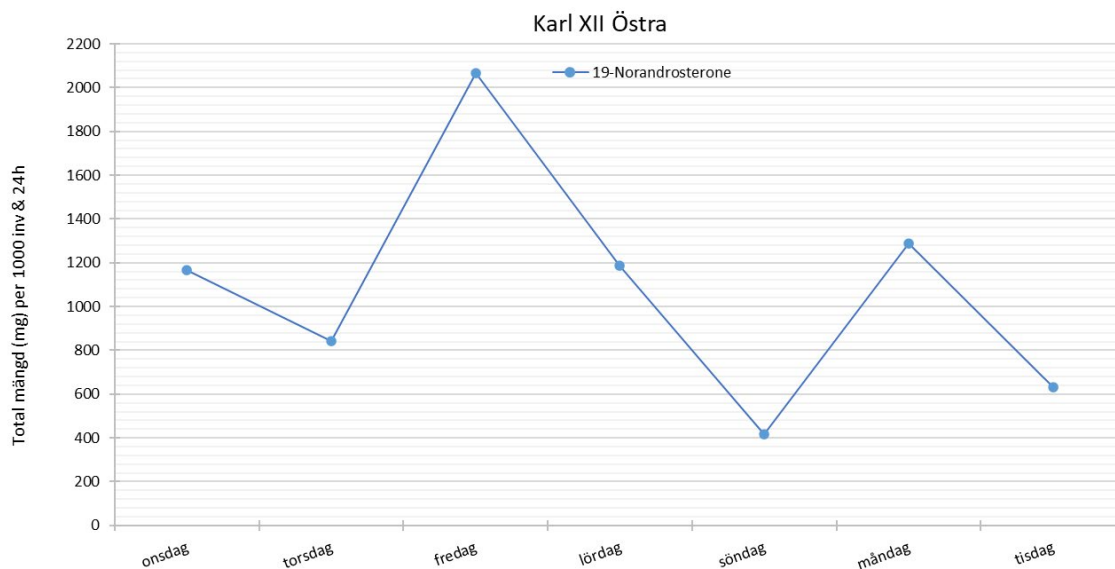




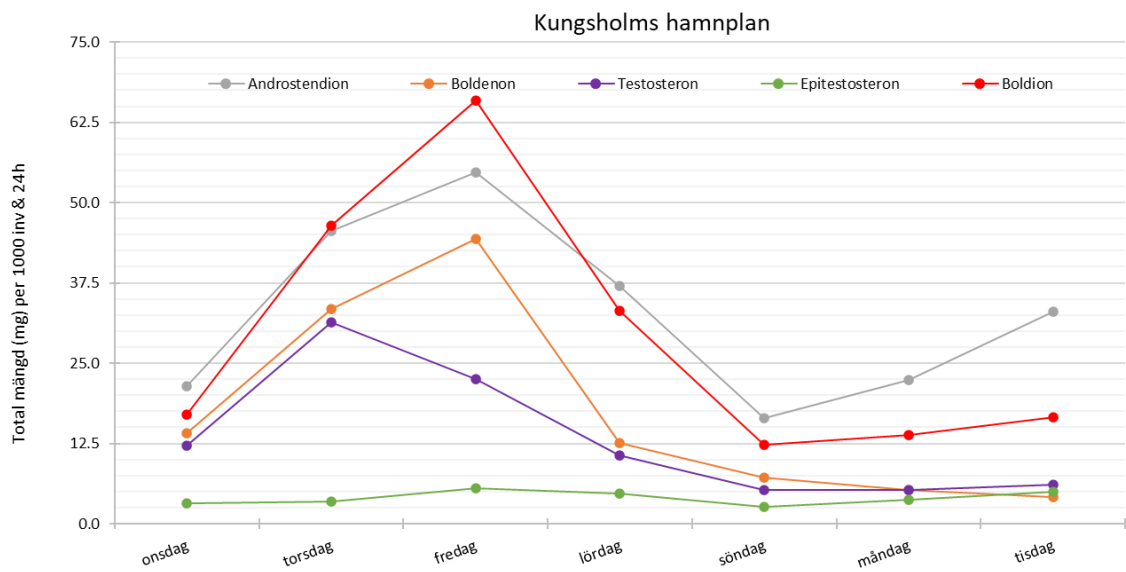
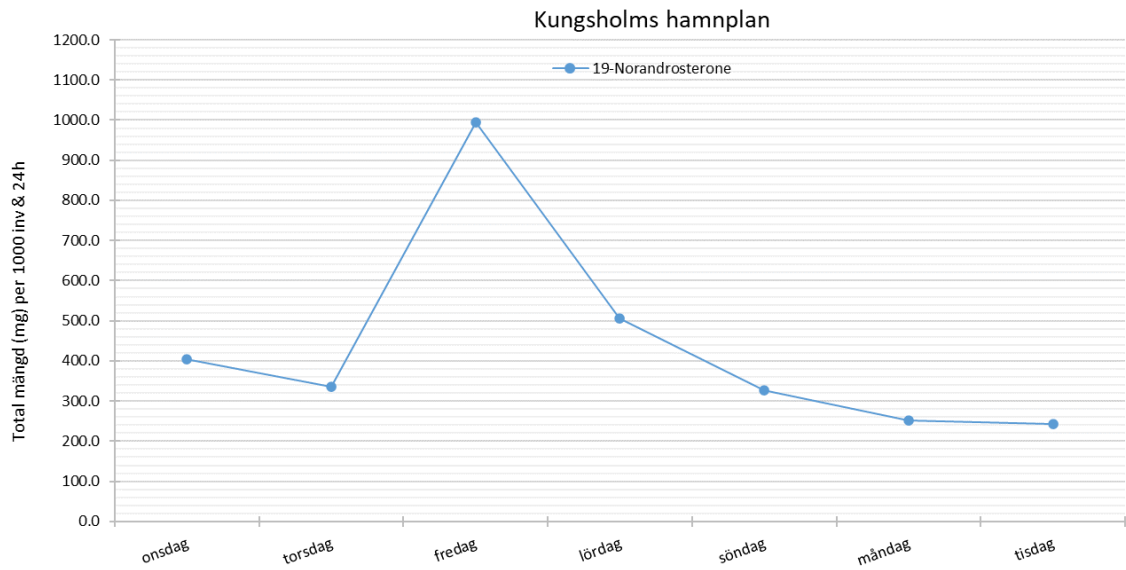
1.2.1.6 Pumpstation Karl XII Västra



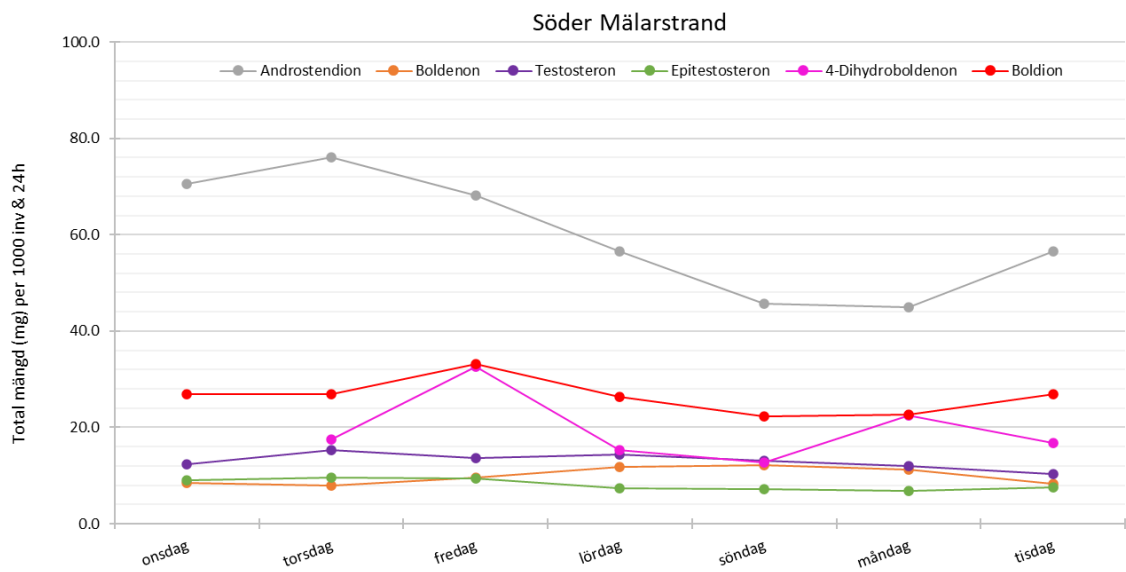
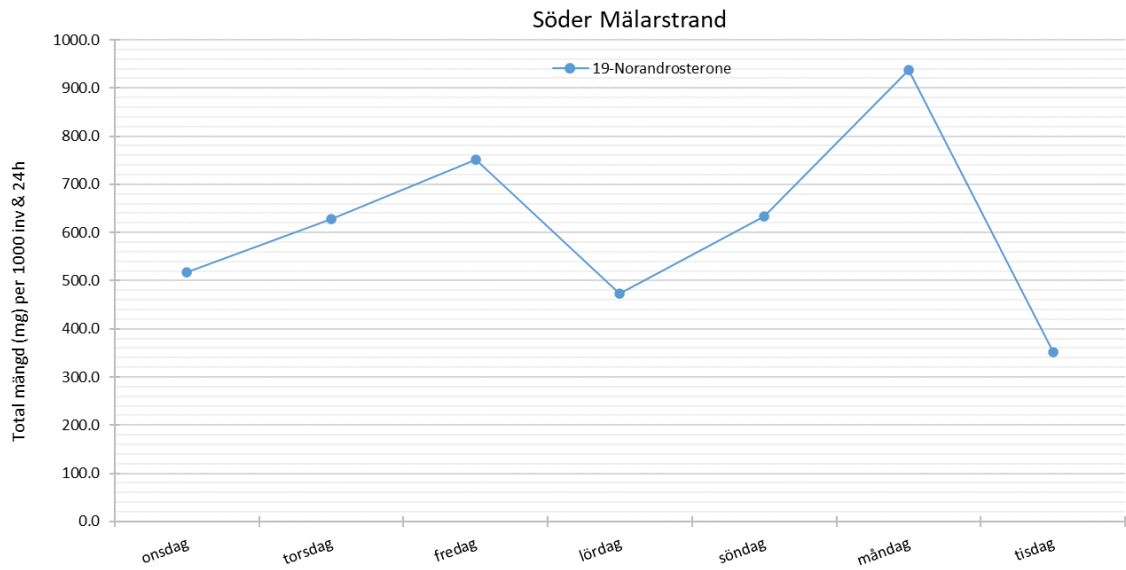
1.2.1.7 Pumpstation Karl XII Östra



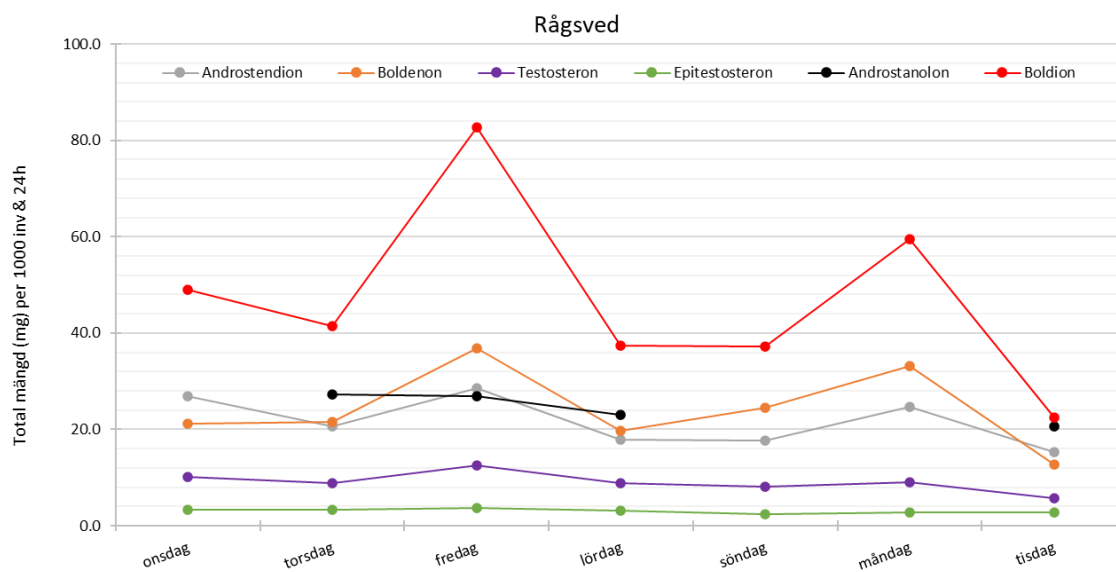
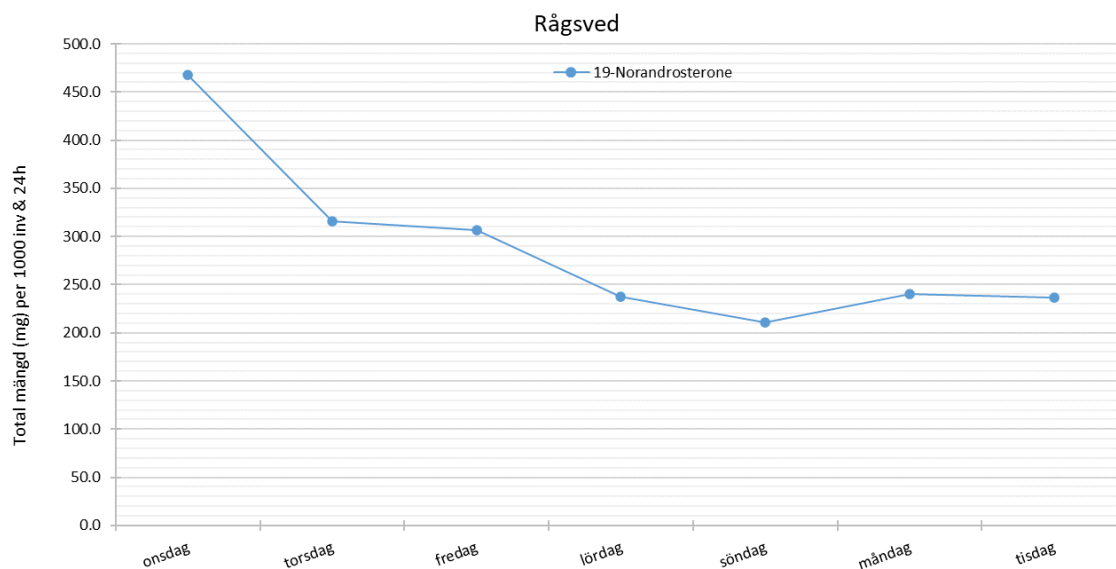
1.2.1.8 Pumpstation Kungsholms hamnplan



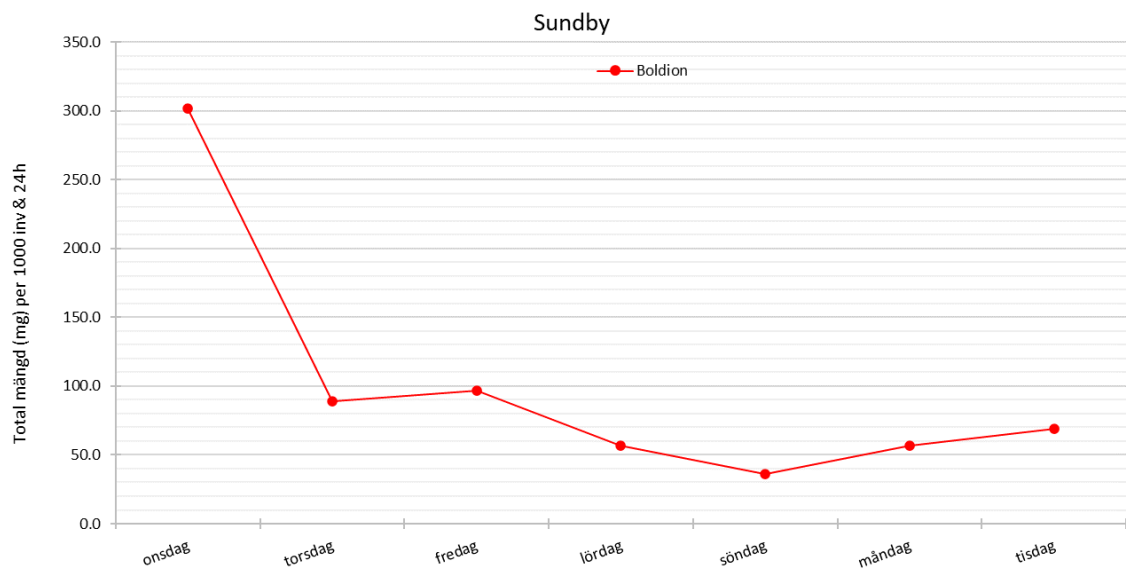
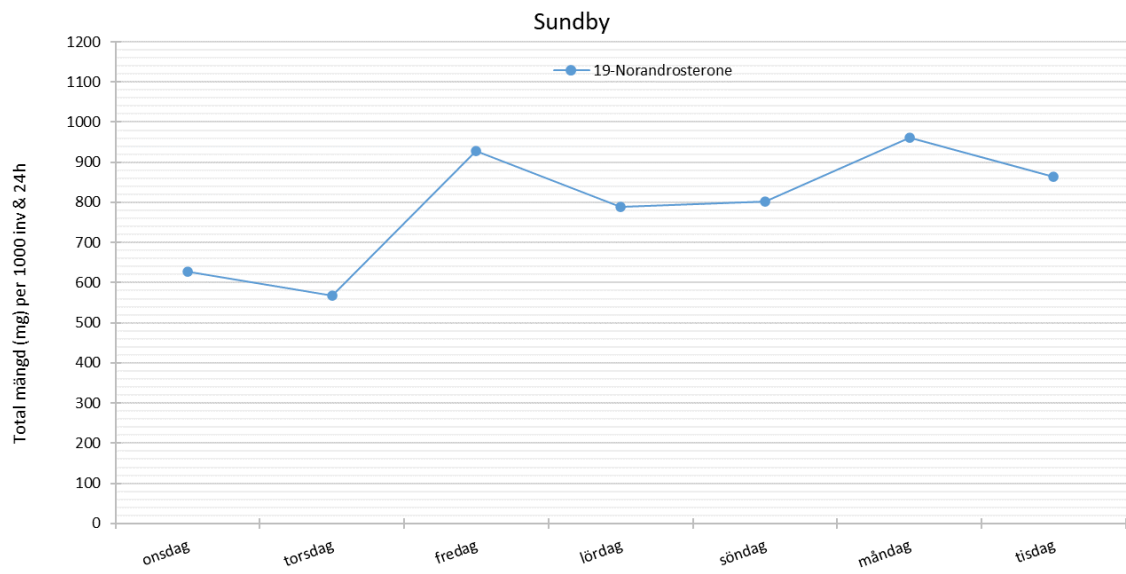
1.2.1.9 Pumpstation Söder Mälärstrand

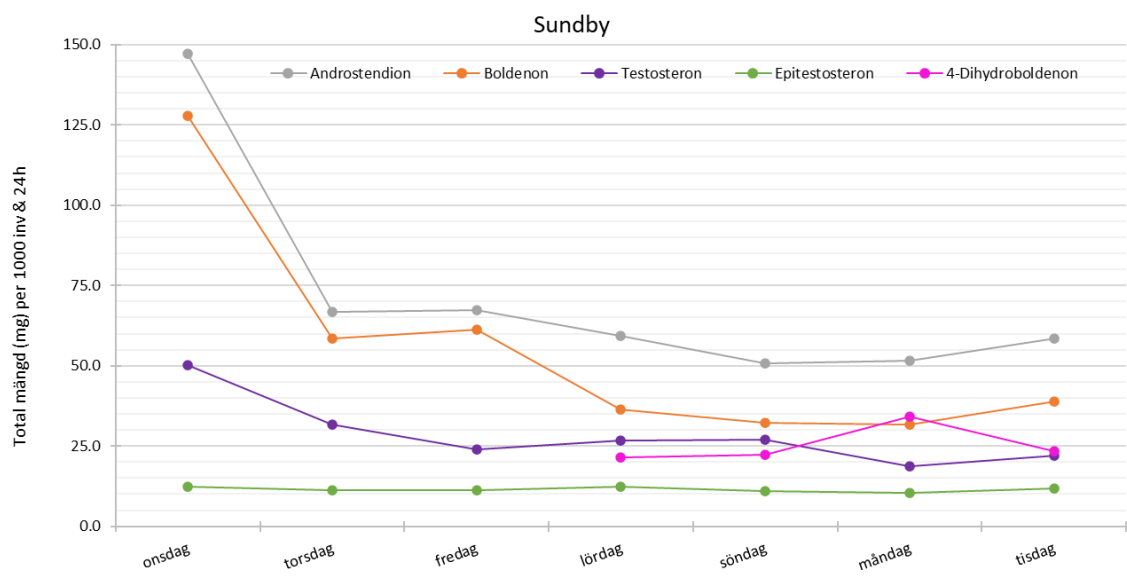


1.2.1.10 Pumpstation Rågsved



1.2.1.11 Pumpstation Sundby

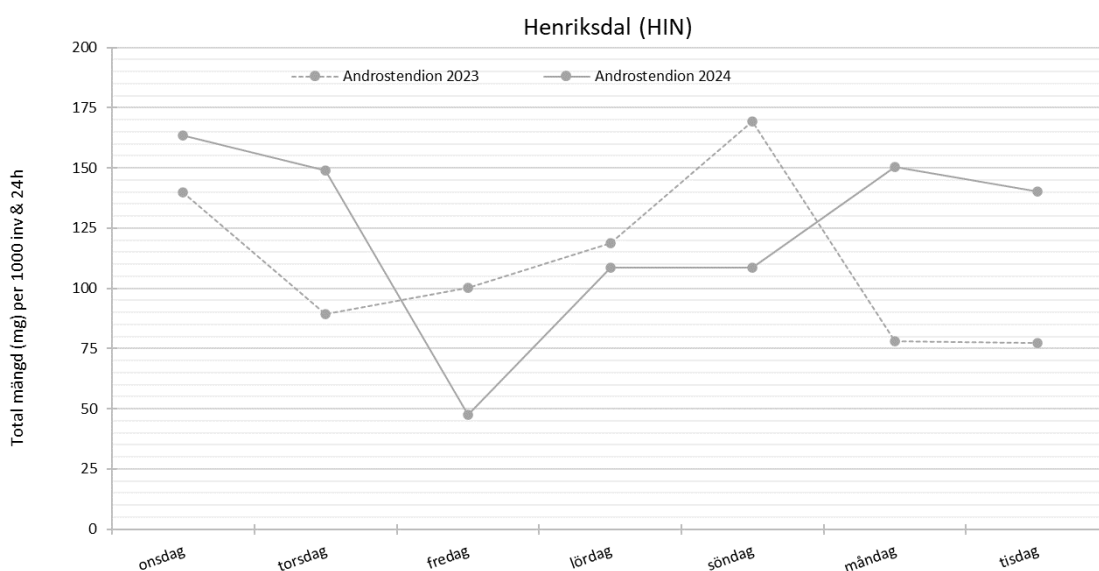
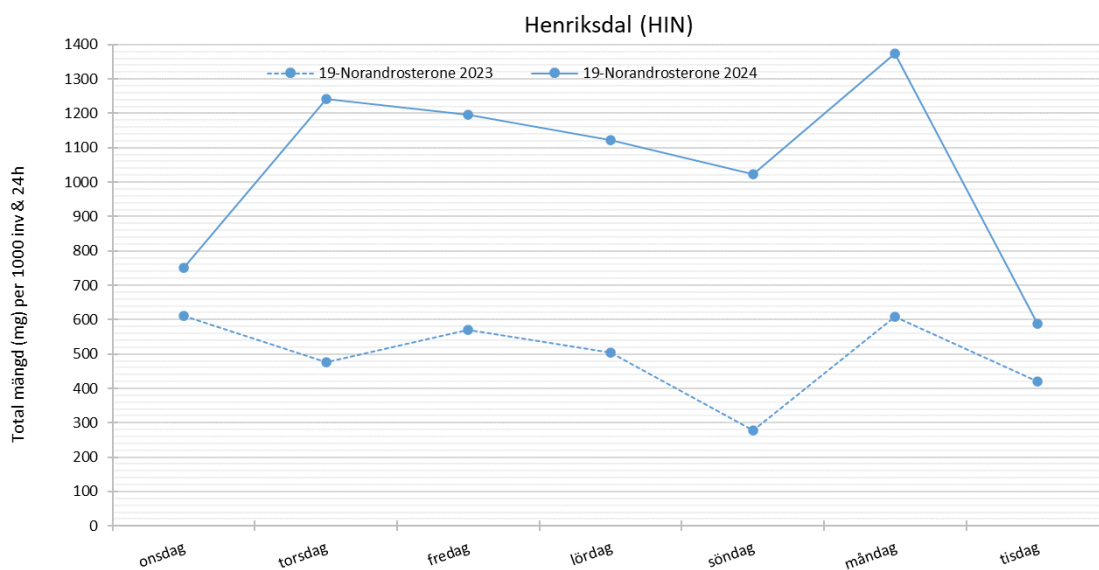


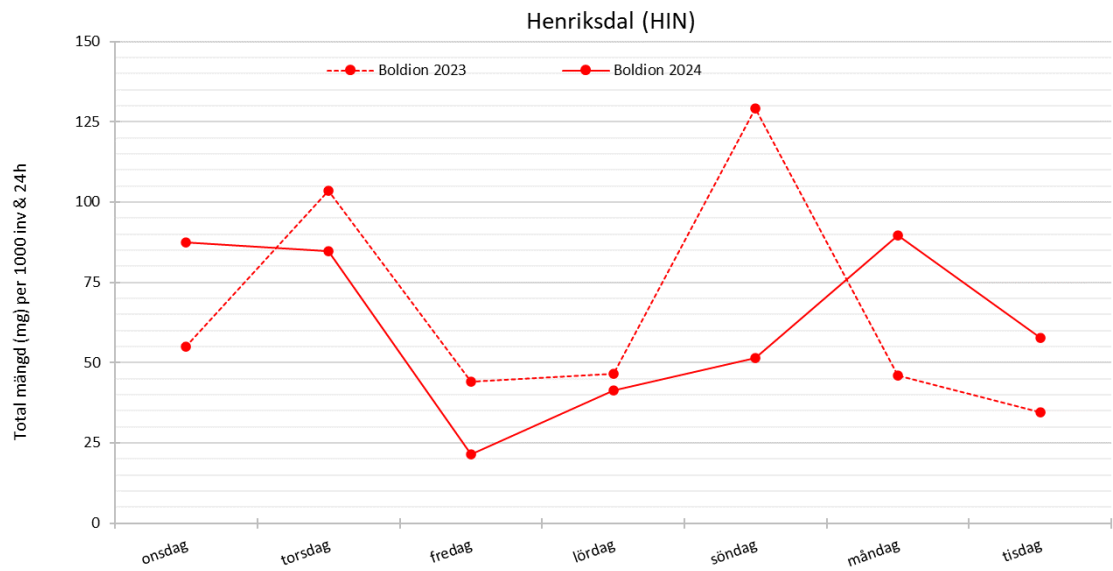
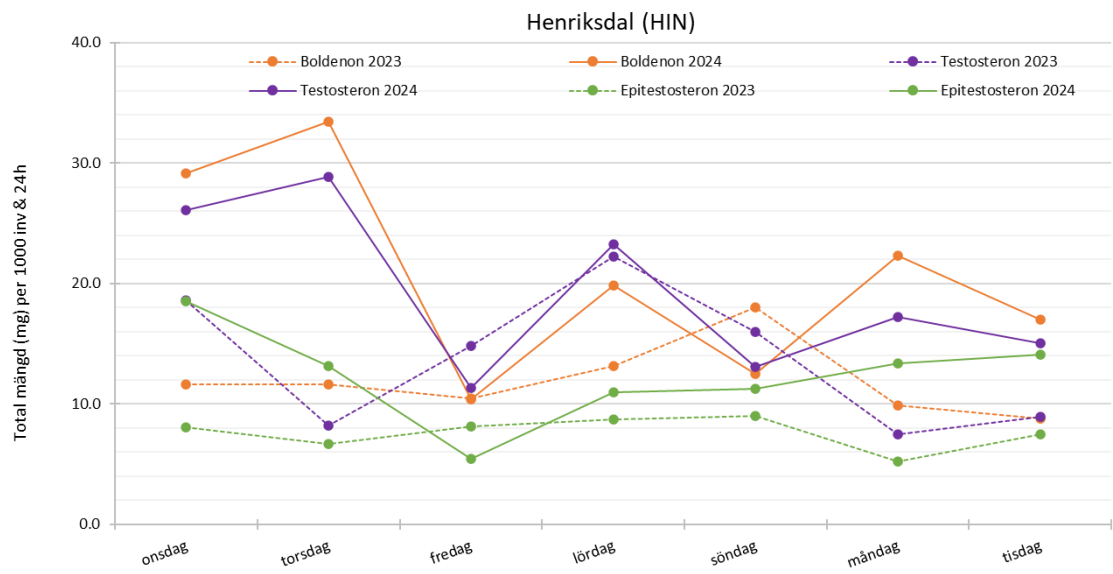


1.2.2 Resultat – jämförelse 2023 och 2024

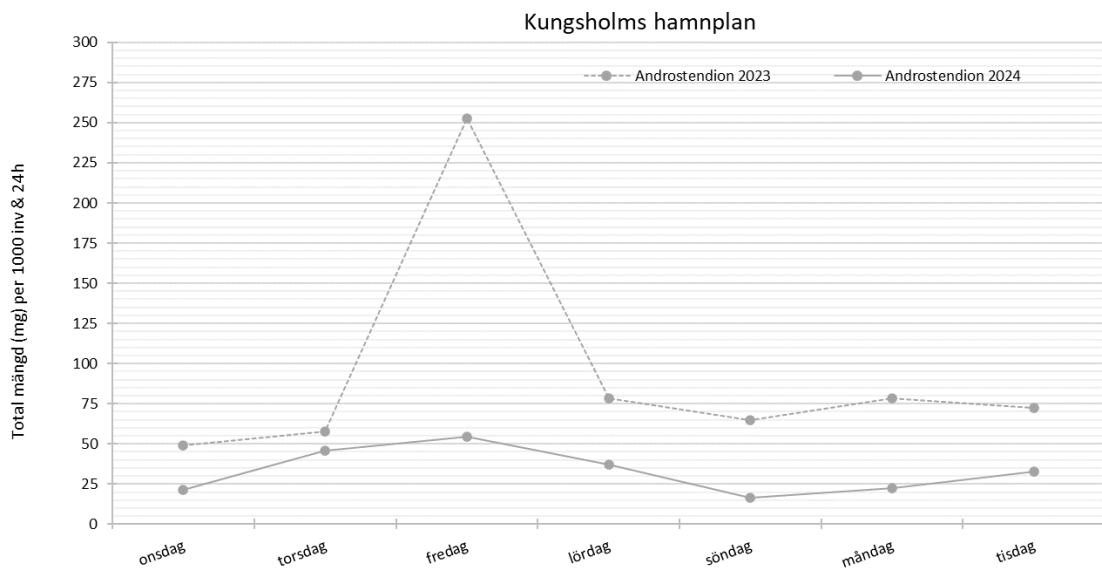
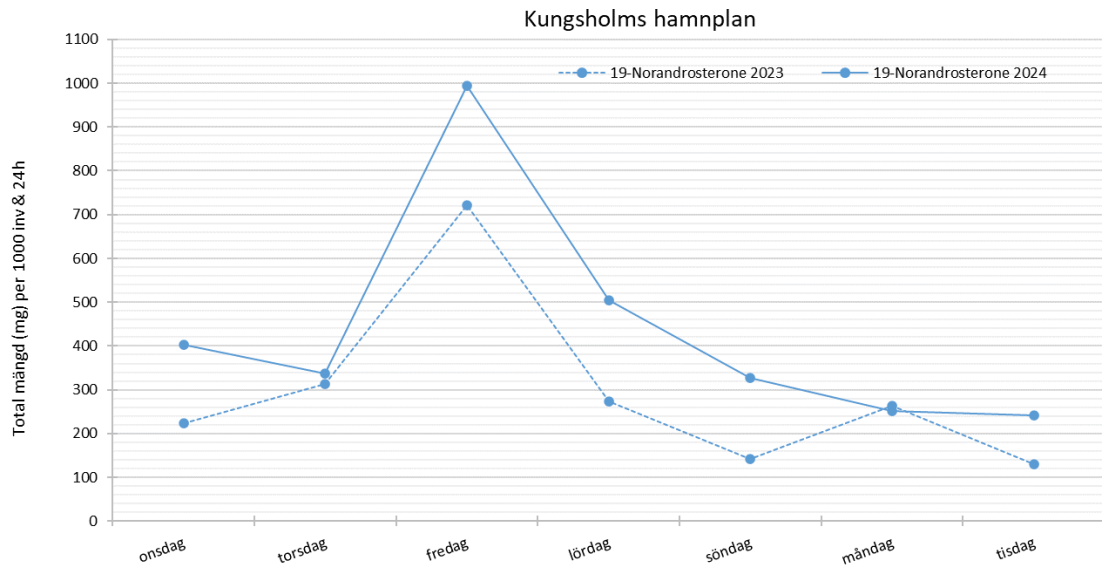
Samtliga mätpunkter som provtogs under maj/juni 2024 analyserades för förekomst av dopingsubstanser. Under 2023 var det tre mätpunkter där analys av doping genomfördes för samtliga 7 dagar, Henriksdal (HIN), Kungsholms hamnplan och Sundby. Här redovisas därför bara jämförelse mellan 2023 och 2024 för dessa tre mätpunkter. Resultaten för 2023 visas med streckad linje och resultat för 2024 med heldragen linje.

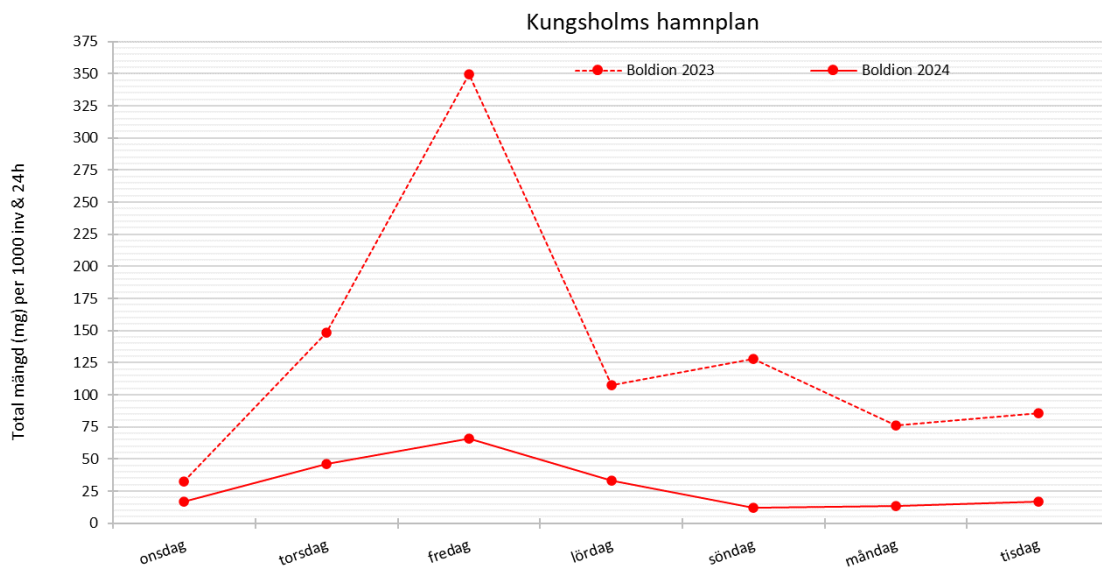
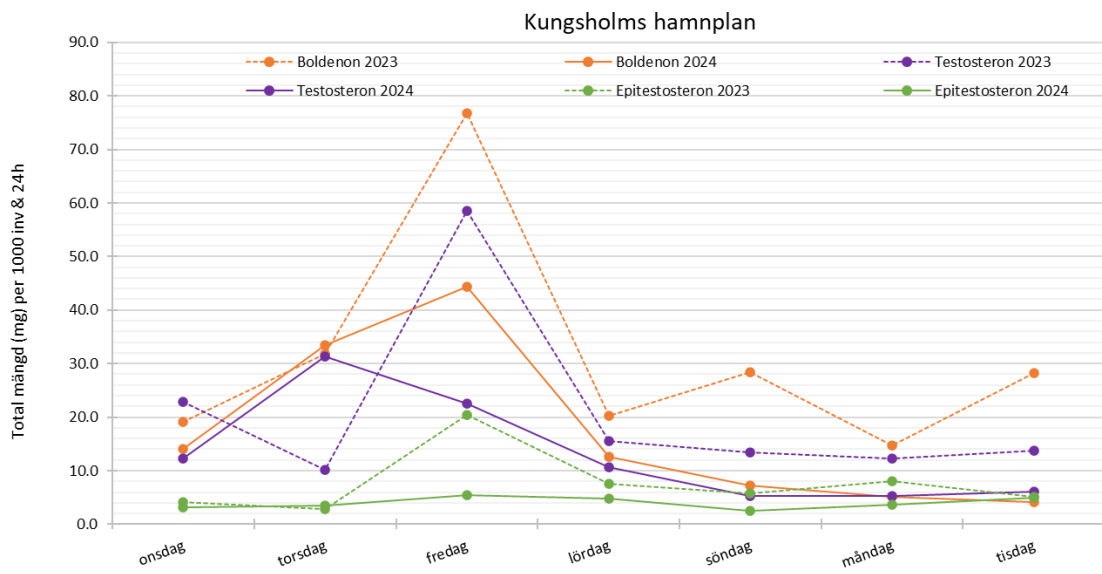
1.2.2.1 Henriksdal (HIN)



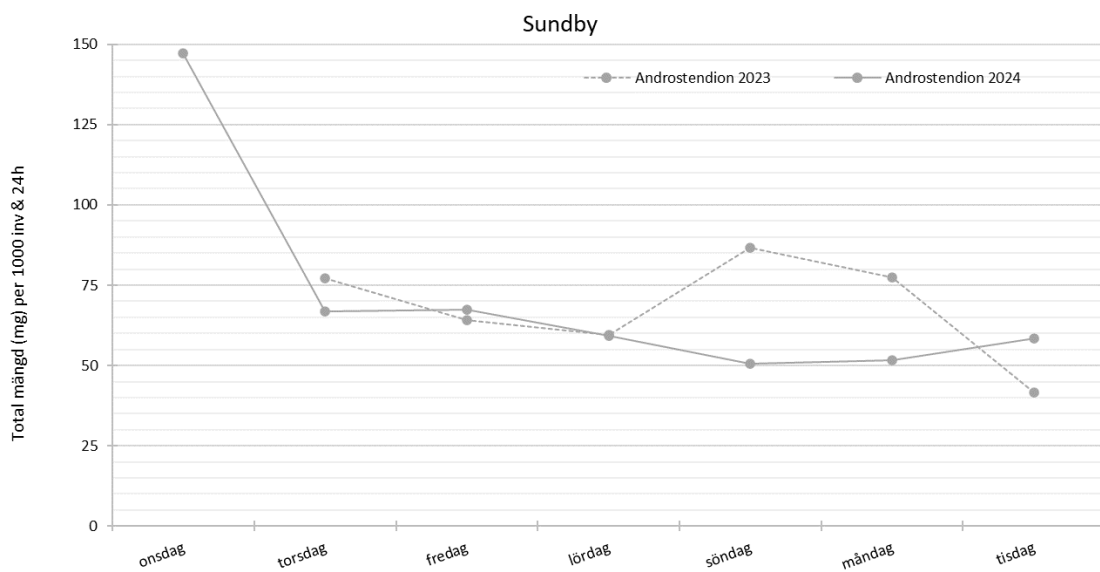
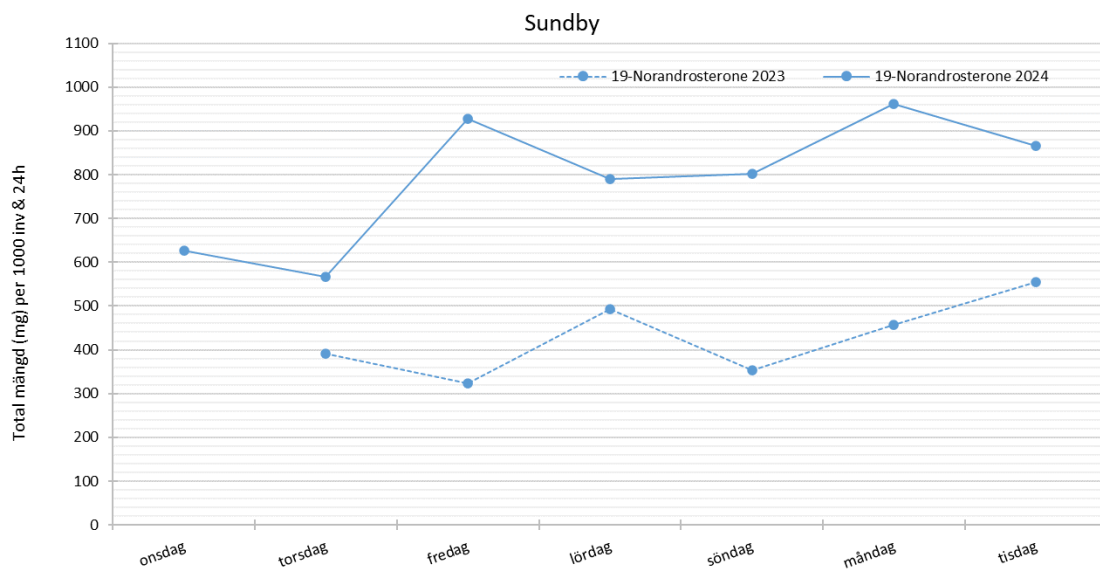


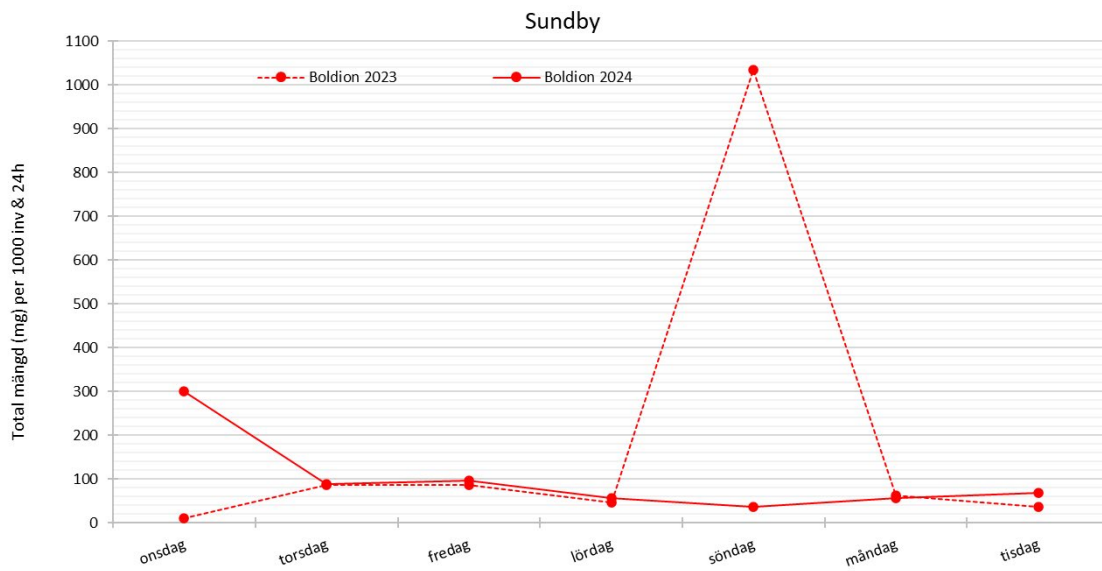
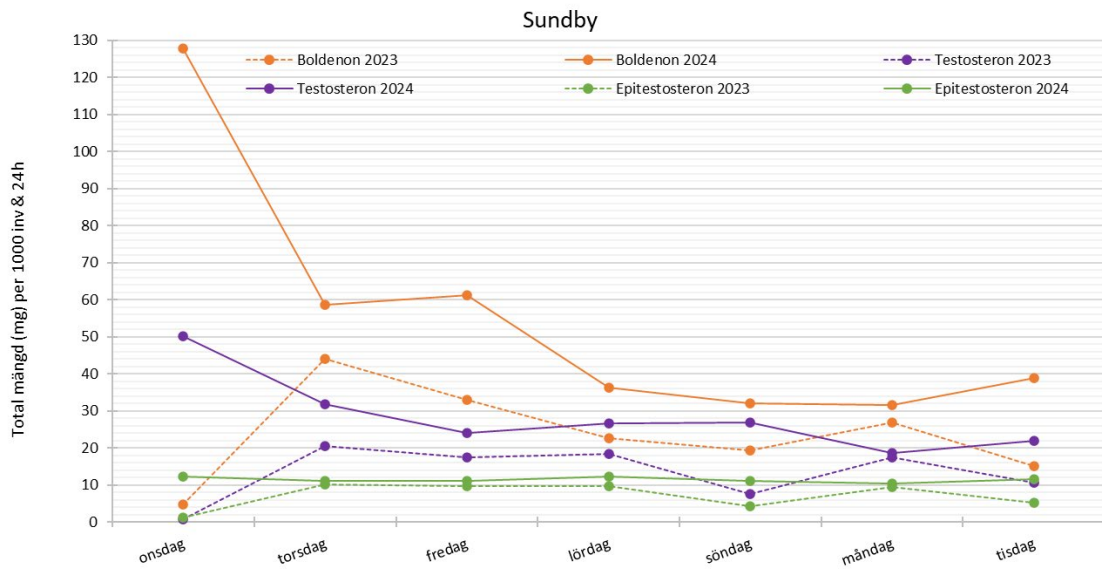
1.2.2.2 Kungsholms hamnplan





1.2.2.3 Sundby

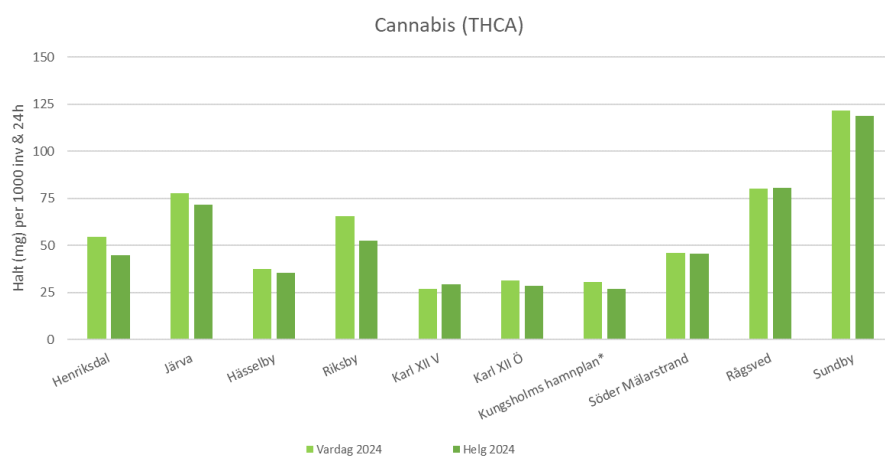




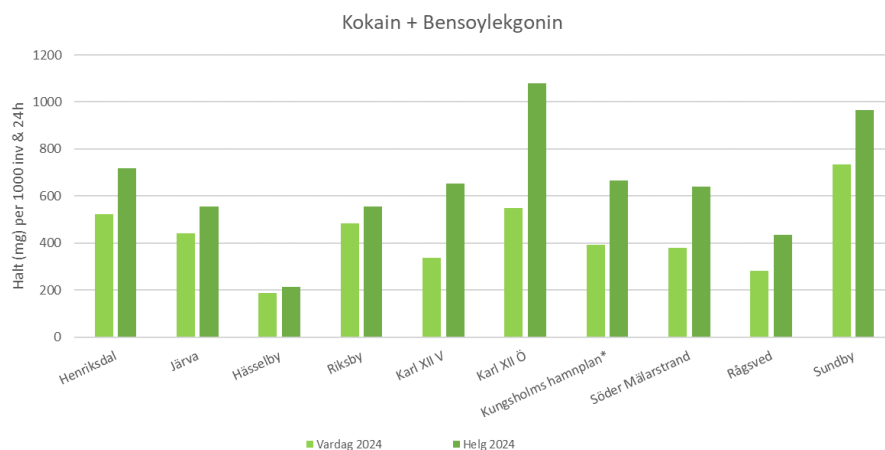
1. RESULTAT 2024

Pumpstationen i Sundby som provtogs 2023 har tagits ur drift och en ny pumpstation (Staffan) har tagits i bruk 2024. Flödesuppgifterna för Sundby har tagits fram teoretiskt och bygger på en schablon gällande vattenförbrukning för individ och baseras på vattenförbrukningen 2023 i samma område. Detta medför att resultaten för Sundby är lite mer osäkra än för de övriga mätpunkterna men resultaten för Sundby 2024 kan jämföras med resultaten 2023.

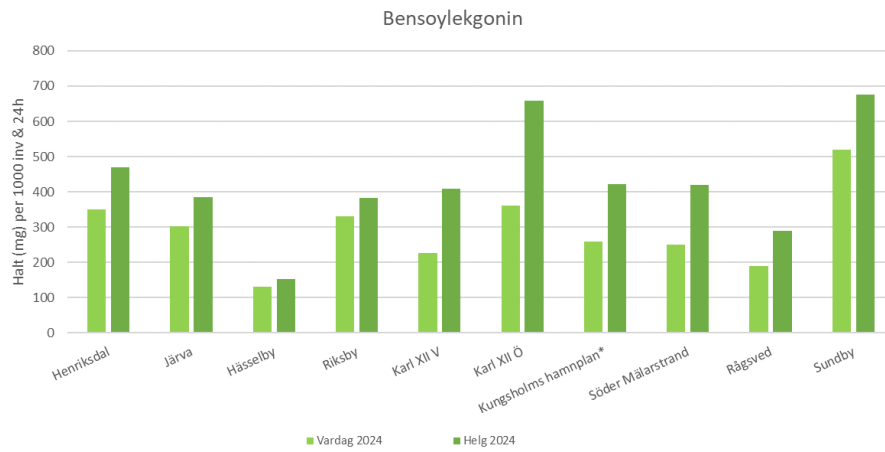
1.1 Cannabis (THCA-metabolit)



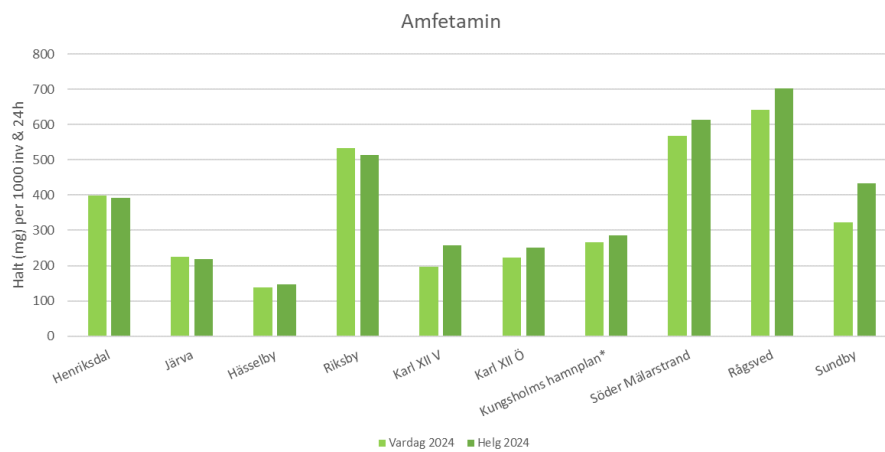
1.2 Kokain och Bensoylekgonin



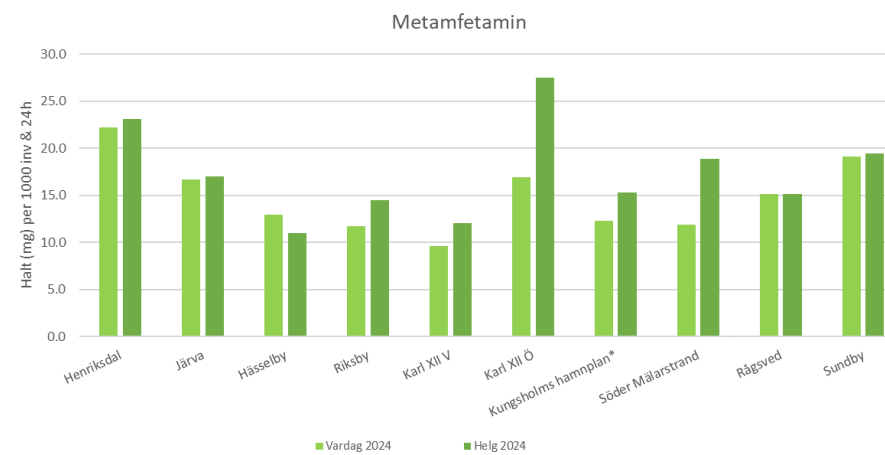
1.3 Bensoylekgonin



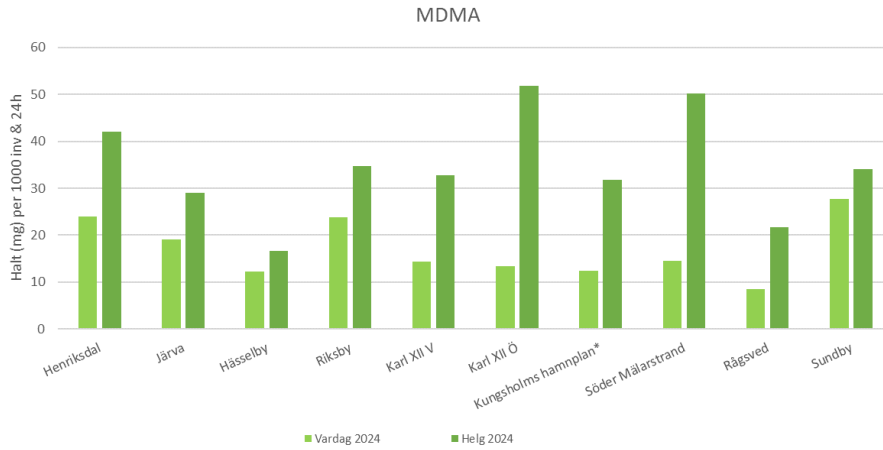
1.4 Amfetamin



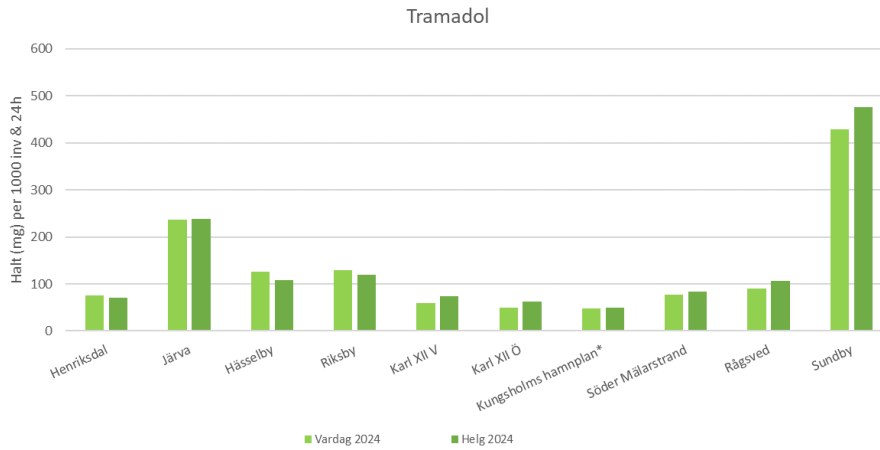
1.5 Metamfetamin



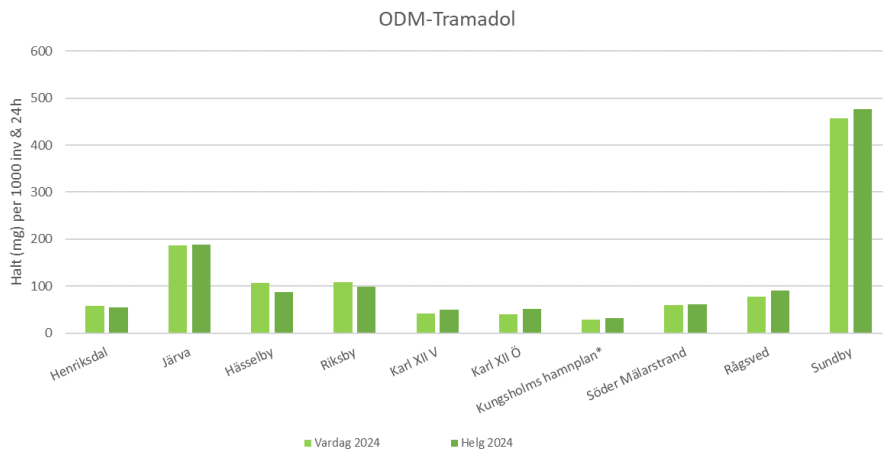
1.6 MDMA



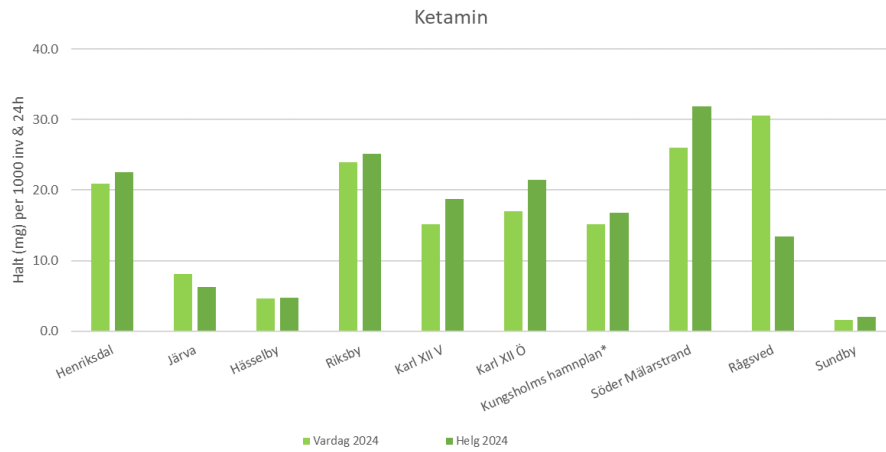
1.7 Tramadol



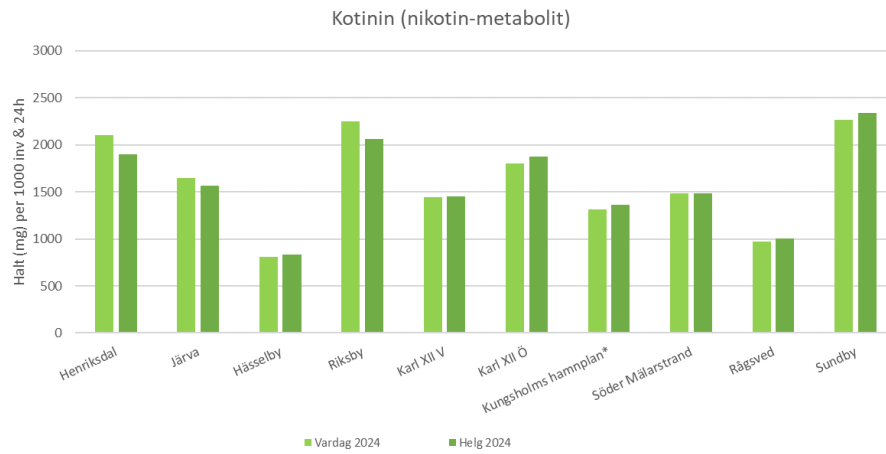
1.8 O-DM-Tramadol



1.9 Ketamin

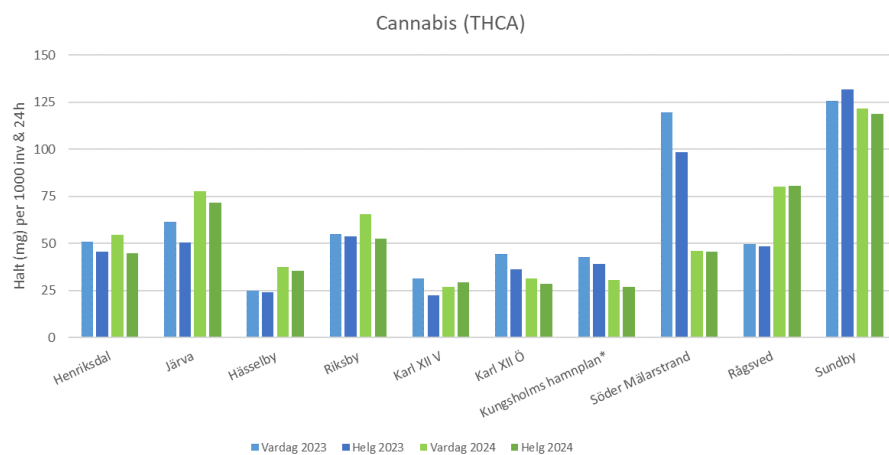


1.10 Kotinin

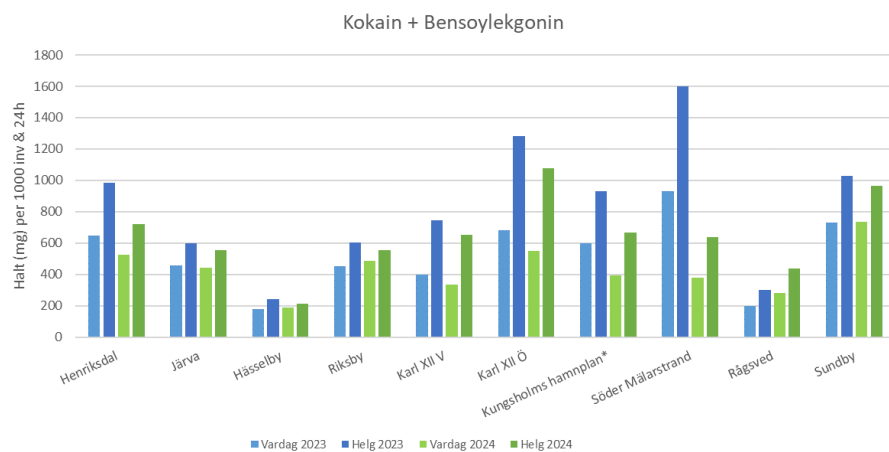


2. RESULTAT JÄMFÖRELSE 2023 MOT 2024

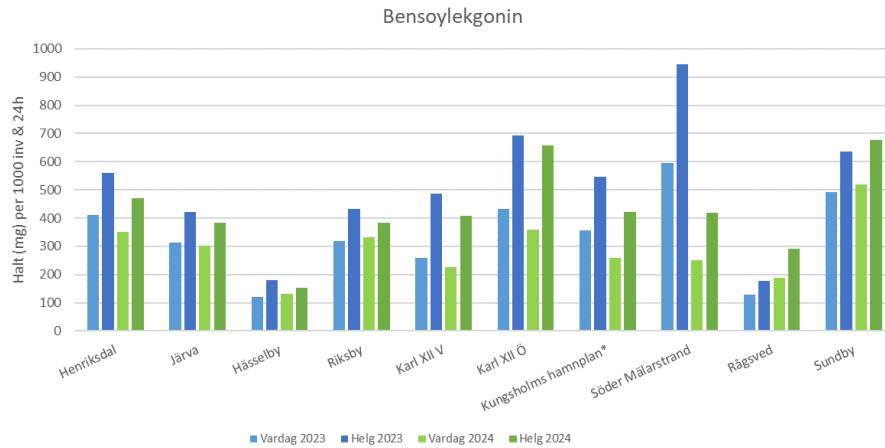
2.1 Cannabis (THCA-metabolit)



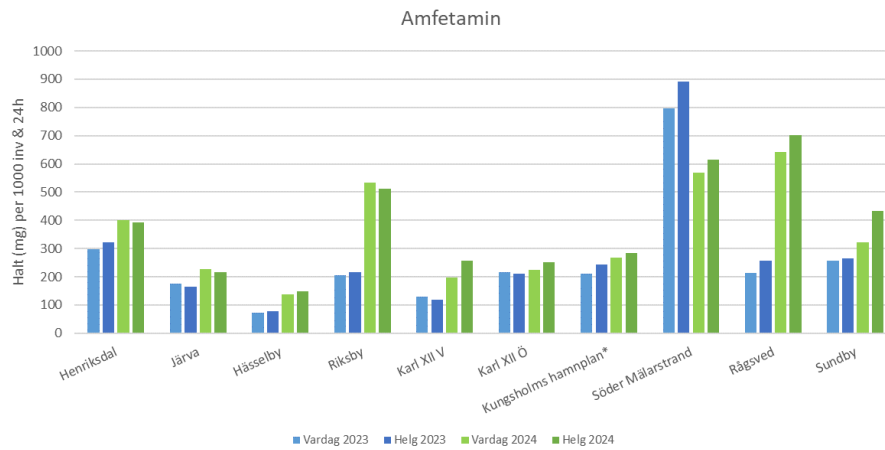
2.2 Kokain och Bensoylekgonin



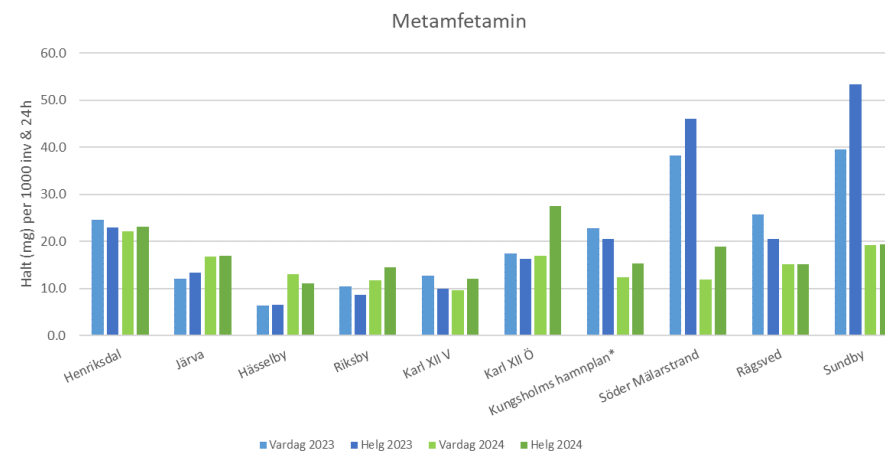
2.3 Bensoylekgonin



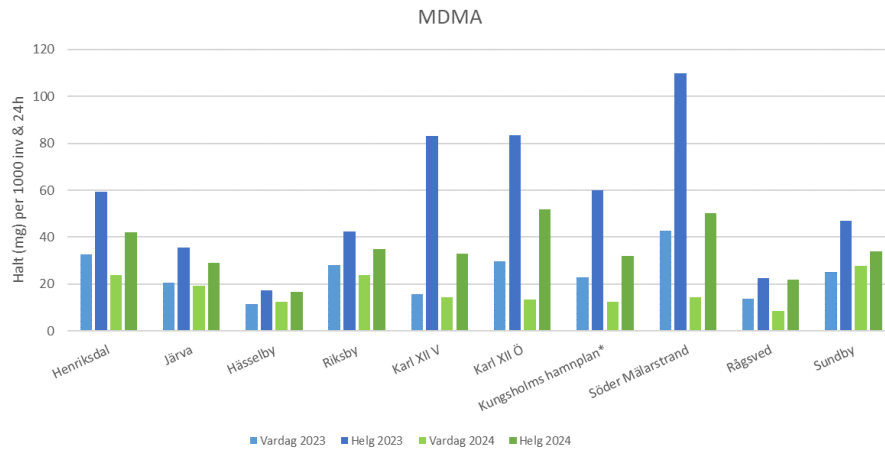
2.4 Amfetamin



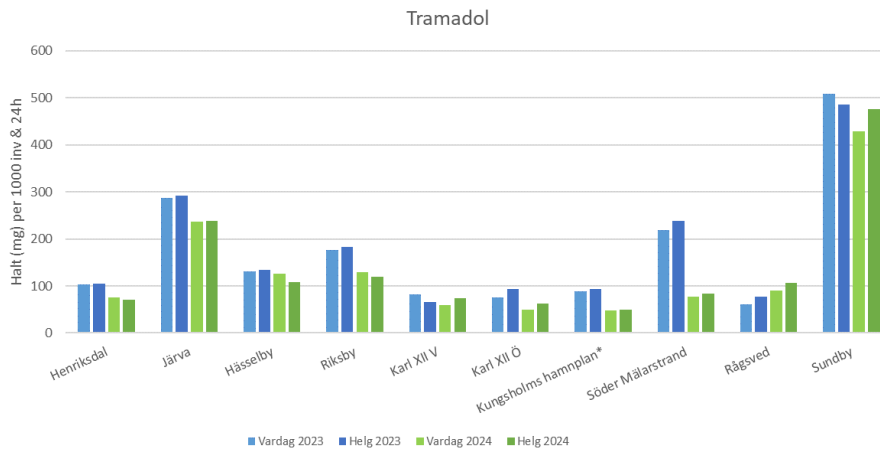
2.5 Metamfetamin



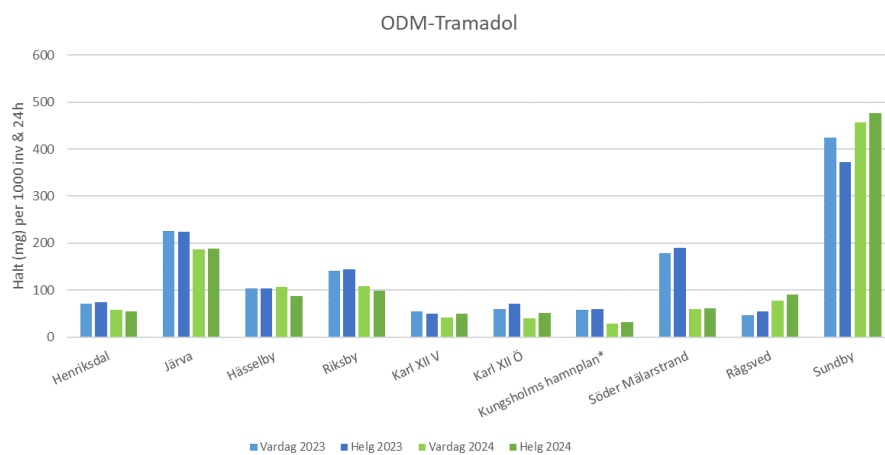
2.6 MDMA



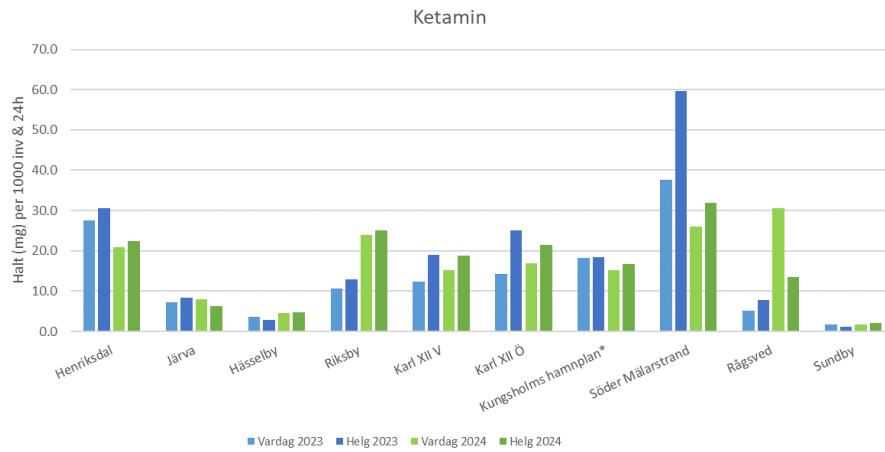
2.7 Tramadol



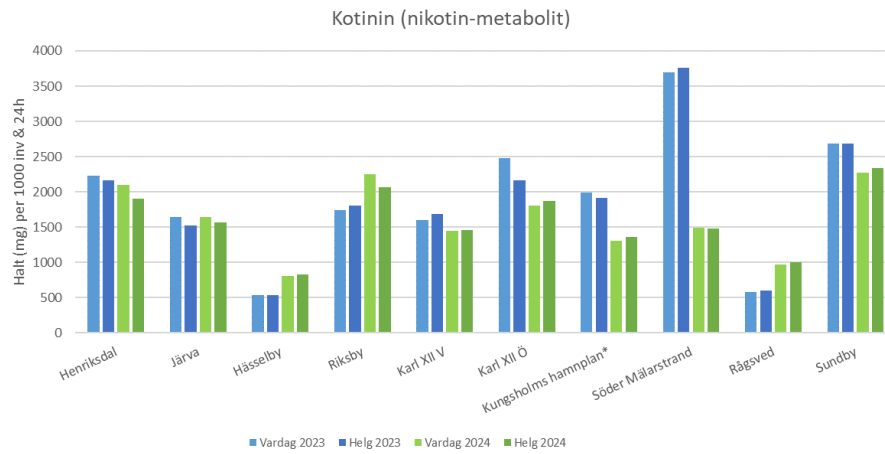
2.8 O-DM-Tramadol



2.9 Ketamin



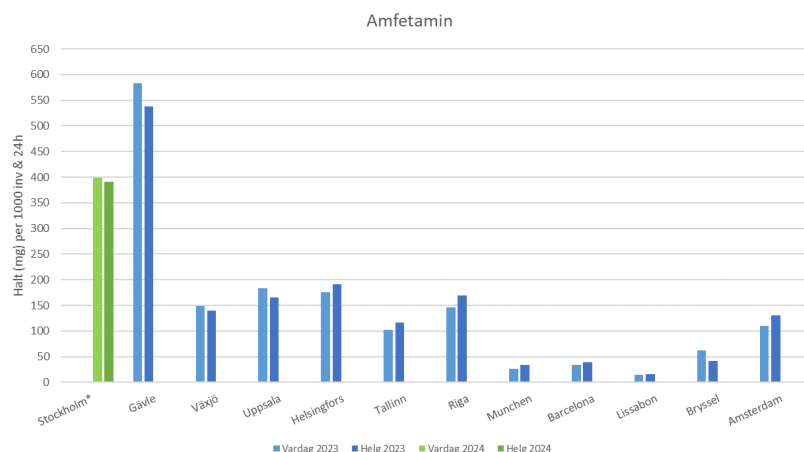
2.10 Kotinin



2.10.1 Resultat – Jämförelse Stockholm och Europa

EMCDDA (European Monitoring Centre for Drugs and Drug Addiction) samlar in och redovisar information om narkotika och narkotikamissbruk i Europa¹. Forskningsnätverket SCORE ansvarar för att organisera årliga undersökningar av narkotikaanvändning i Europa genom analys av avloppsvatten. Årligen genomförs en sju-dagars mätning av substanser i avloppsvatten i hela Europa men även länder utanför Europa har börjat ansluta sig till nätverket. Resultaten för 2024 är ännu inte publicerade varför jämförelser görs mot 2023 års resultat. Det kan finnas skillnader i vilka substanser som har analyserats i de olika städerna varför det tex saknas resultat för vissa städer när det gäller cannabis 2023. I graferna jämförs resultaten för amfetamin, kokain och cannabis i olika städer i Sverige med ett antal typstäder i Europa.

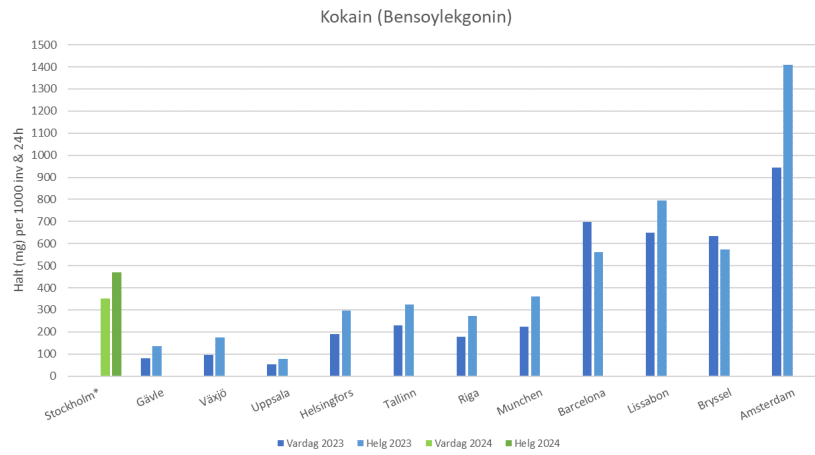
2.10.1.1 Amfetamin



Resultaten för Stockholm kommer från Henriksdals reningsverk.

¹ European Monitoring Centre for Drugs and Drug Addiction (2023), Wastewater analysis and drugs – a European multi-city study.

2.10.1.2 Kokain (Bensoylekgonin)



2.10.1.3 Cannabis

