

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012325\  
 Data File : BF141250.D  
 Acq On : 23 Jan 2025 15:22  
 Operator : RC/JU  
 Sample : Q1140-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FRAC-TANK-F06078

Quant Time: Jan 23 15:50:49 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 10 22:54:19 2025  
 Response via : Initial Calibration

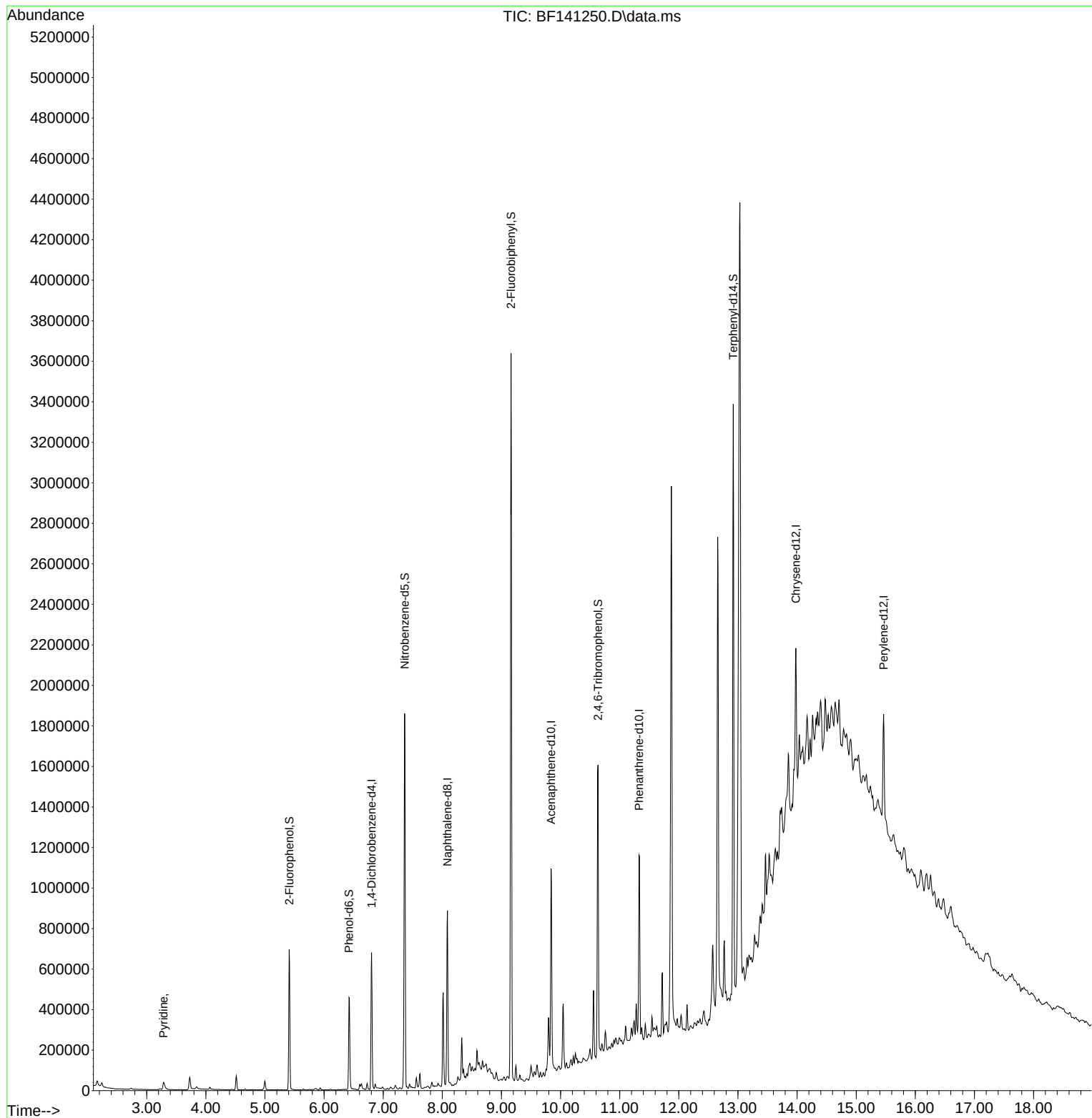
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|--------|-------|-----------|
| -----                       |        |      |          |        |       |           |
| Internal Standards          |        |      |          |        |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 6.804  | 152  | 139823   | 20.000 | ng    | -0.02     |
| 21) Naphthalene-d8          | 8.087  | 136  | 549310   | 20.000 | ng    | -0.02     |
| 39) Acenaphthene-d10        | 9.839  | 164  | 286813   | 20.000 | ng    | -0.02     |
| 64) Phenanthrene-d10        | 11.327 | 188  | 445649   | 20.000 | ng    | -0.02     |
| 76) Chrysene-d12            | 13.980 | 240  | 309487   | 20.000 | ng    | 0.00      |
| 86) Perylene-d12            | 15.463 | 264  | 346093   | 20.000 | ng    | 0.02      |
| System Monitoring Compounds |        |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.410  | 112  | 264763   | 29.252 | ng    | -0.02     |
| 7) Phenol-d6                | 6.422  | 99   | 216103   | 18.849 | ng    | -0.02     |
| 23) Nitrobenzene-d5         | 7.363  | 82   | 859630   | 82.954 | ng    | -0.02     |
| 42) 2,4,6-Tribromophenol    | 10.633 | 330  | 278031   | 85.076 | ng    | -0.02     |
| 45) 2-Fluorobiphenyl        | 9.163  | 172  | 1614078  | 85.936 | ng    | -0.02     |
| 79) Terphenyl-d14           | 12.922 | 244  | 1441555  | 69.230 | ng    | -0.01     |
| Target Compounds            |        |      |          |        |       |           |
| 3) Pyridine                 | 3.287  | 79   | 30636    | 3.100  | ng    | Qvalue 98 |
| -----                       |        |      |          |        |       |           |

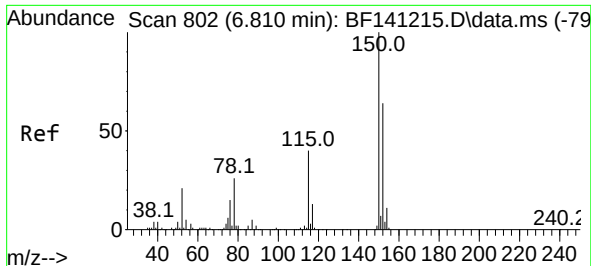
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jan 10 22:54:19 2025  
Response via : Initial Calibration

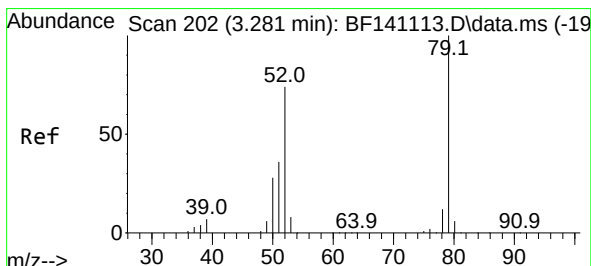
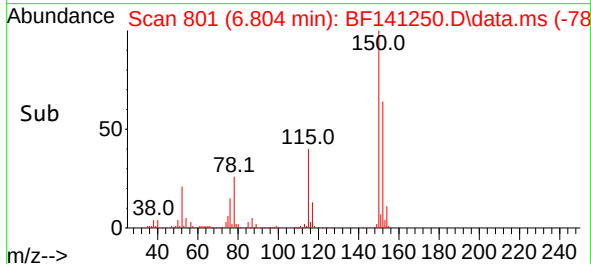
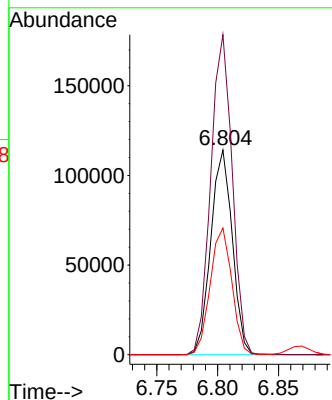
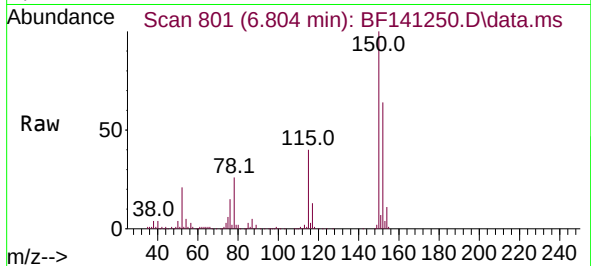




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.804 min Scan# 801  
Delta R.T. -0.018 min  
Lab File: BF141250.D  
Acq: 23 Jan 2025 15:22

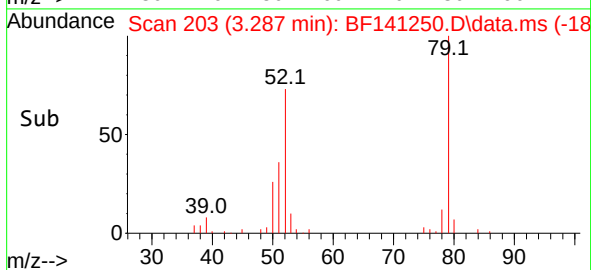
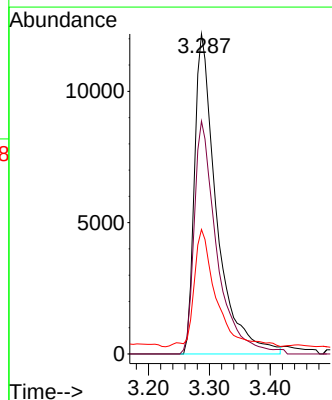
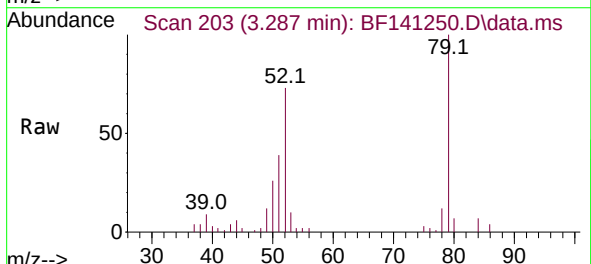
Instrument :  
BNA\_F  
ClientSampleId :  
FRAC-TANK-F06078

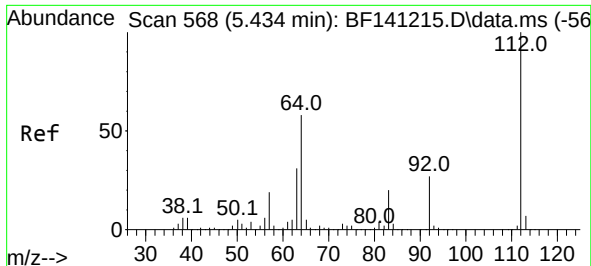
Tgt Ion:152 Resp: 139823  
Ion Ratio Lower Upper  
152 100  
150 156.4 125.8 188.8  
115 61.9 51.4 77.2



#3  
Pyridine  
Concen: 3.100 ng  
RT: 3.287 min Scan# 203  
Delta R.T. 0.006 min  
Lab File: BF141250.D  
Acq: 23 Jan 2025 15:22

Tgt Ion: 79 Resp: 30636  
Ion Ratio Lower Upper  
79 100  
52 72.7 58.9 88.3  
51 38.9 29.1 43.7

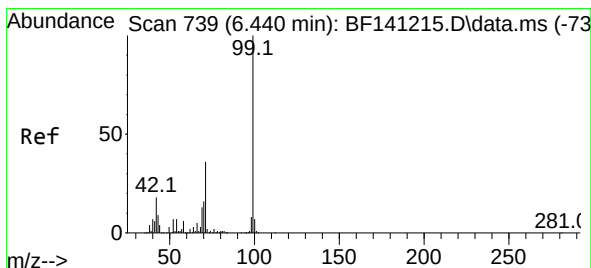
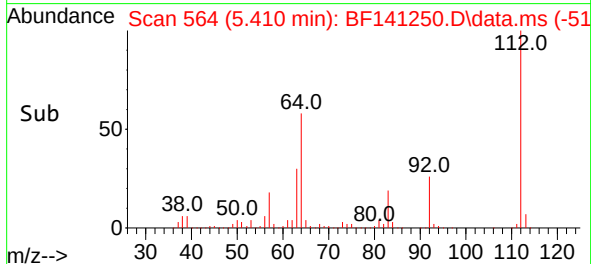
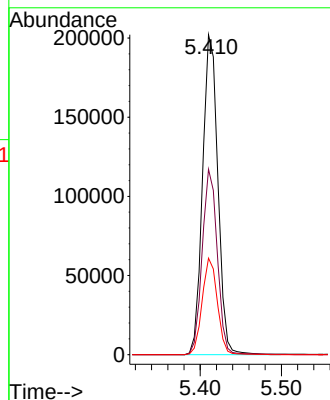
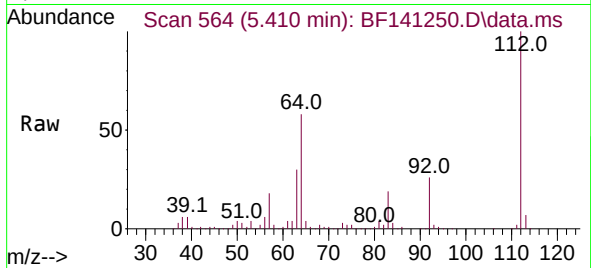




#5  
2-Fluorophenol  
Concen: 29.252 ng  
RT: 5.410 min Scan# 501  
Delta R.T. -0.018 min  
Lab File: BF141250.D  
Acq: 23 Jan 2025 15:22

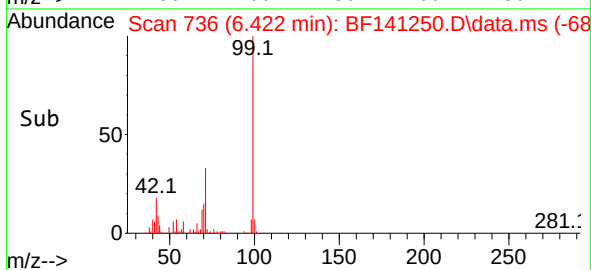
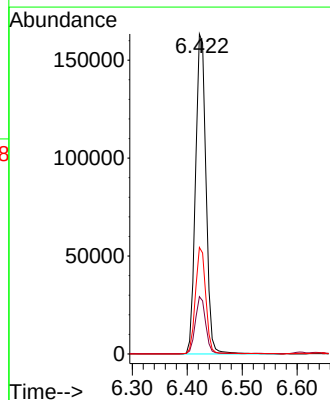
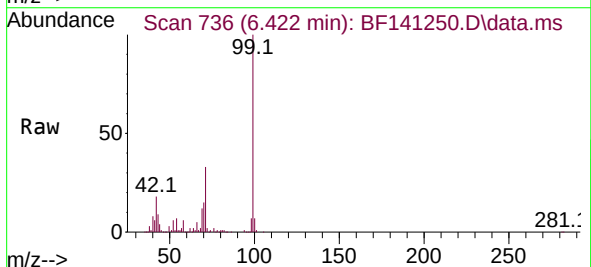
Instrument :  
BNA\_F  
ClientSampleId :  
FRAC-TANK-F06078

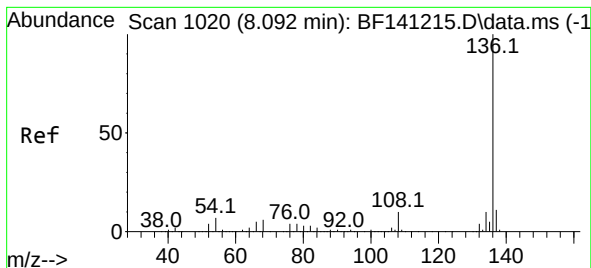
Tgt Ion:112 Resp: 264763  
Ion Ratio Lower Upper  
112 100  
64 57.9 47.3 70.9  
63 30.2 24.2 36.2



#7  
Phenol-d6  
Concen: 18.849 ng  
RT: 6.422 min Scan# 736  
Delta R.T. -0.024 min  
Lab File: BF141250.D  
Acq: 23 Jan 2025 15:22

Tgt Ion: 99 Resp: 216103  
Ion Ratio Lower Upper  
99 100  
42 17.9 15.0 22.4  
71 33.3 27.6 41.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.087 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141250.D

Acq: 23 Jan 2025 15:22

Instrument :

BNA\_F

ClientSampleId :

FRAC-TANK-F06078

Tgt Ion:136 Resp: 549310

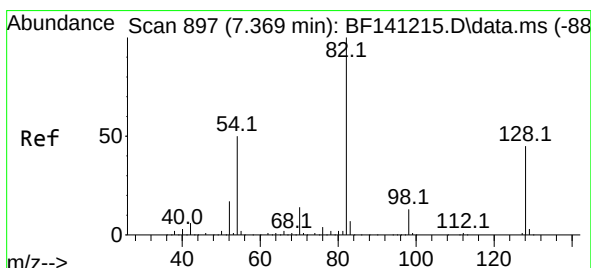
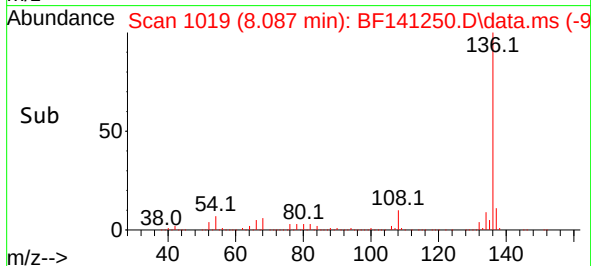
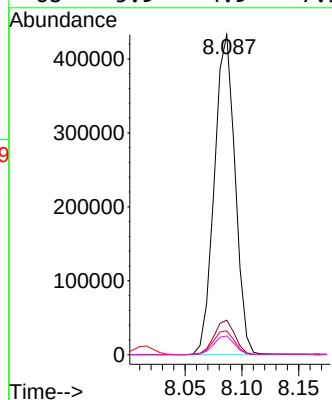
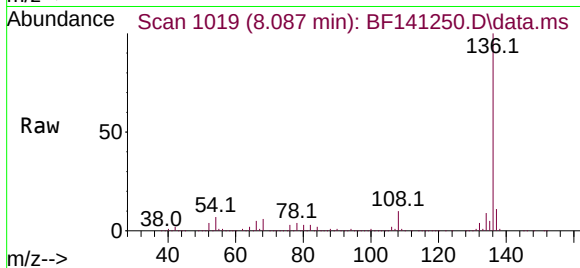
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.5 6.3 9.5

68 5.9 4.9 7.3



#23

Nitrobenzene-d5

Concen: 82.954 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.024 min

Lab File: BF141250.D

Acq: 23 Jan 2025 15:22

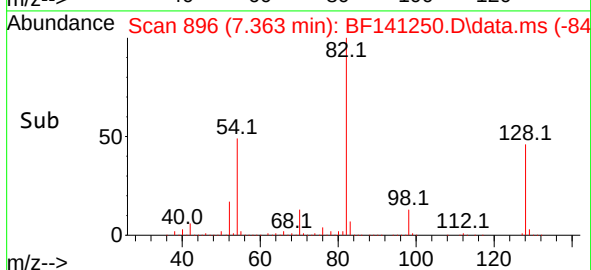
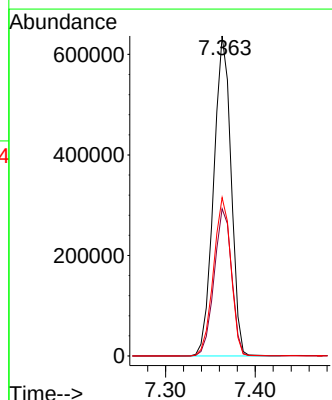
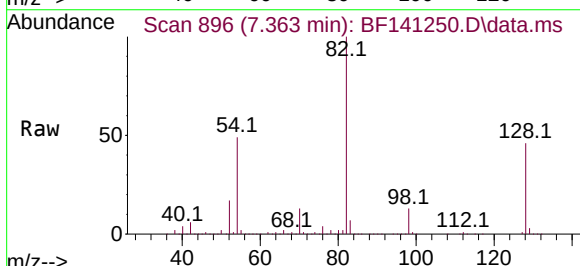
Tgt Ion: 82 Resp: 859630

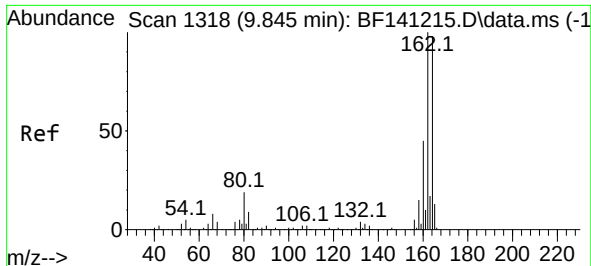
Ion Ratio Lower Upper

82 100

128 46.0 36.1 54.1

54 49.5 41.0 61.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1

Delta R.T. -0.024 min

Lab File: BF141250.D

Acq: 23 Jan 2025 15:22

Instrument :

BNA\_F

ClientSampleId :

FRAC-TANK-F06078

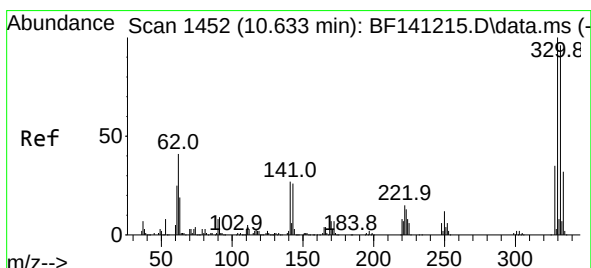
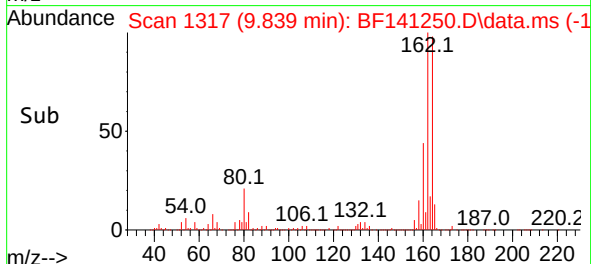
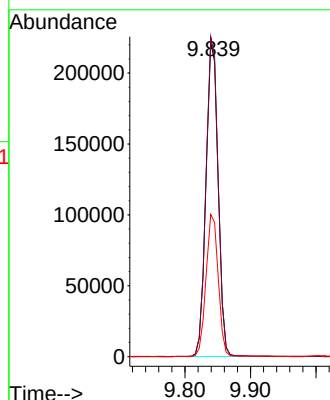
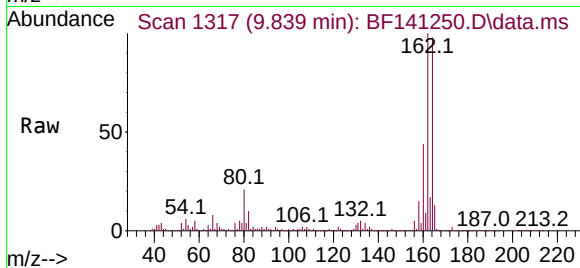
Tgt Ion:164 Resp: 286813

Ion Ratio Lower Upper

164 100

162 101.8 81.0 121.4

160 45.3 36.1 54.1



#42

2,4,6-Tribromophenol

Concen: 85.076 ng

RT: 10.633 min Scan# 1452

Delta R.T. -0.018 min

Lab File: BF141250.D

Acq: 23 Jan 2025 15:22

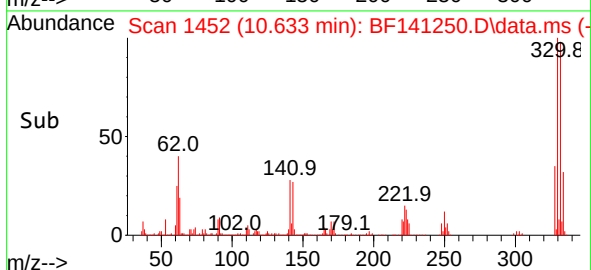
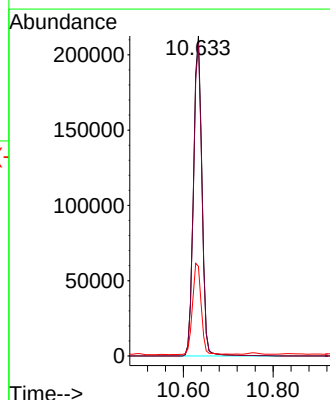
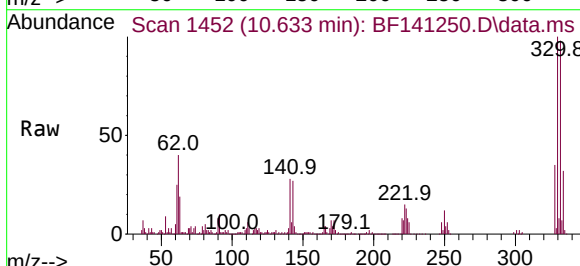
Tgt Ion:330 Resp: 278031

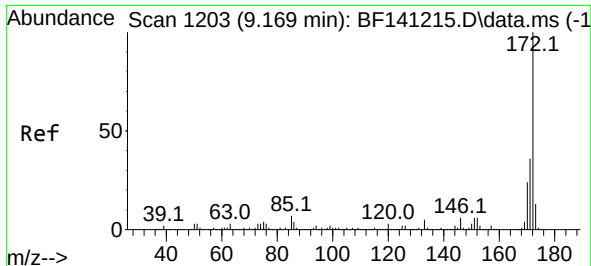
Ion Ratio Lower Upper

330 100

332 97.6 76.9 115.3

141 29.3 25.2 37.8





#45

2-Fluorobiphenyl

Concen: 85.936 ng

RT: 9.163 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141250.D

Acq: 23 Jan 2025 15:22

Instrument :

BNA\_F

ClientSampleId :

FRAC-TANK-F06078

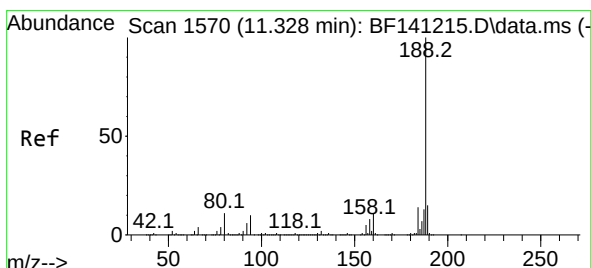
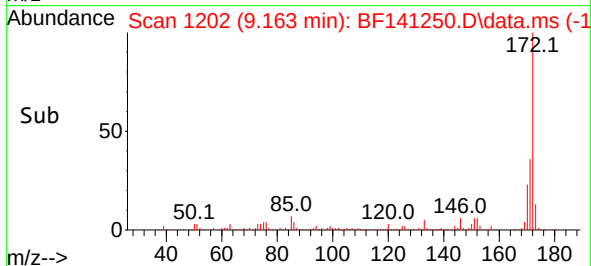
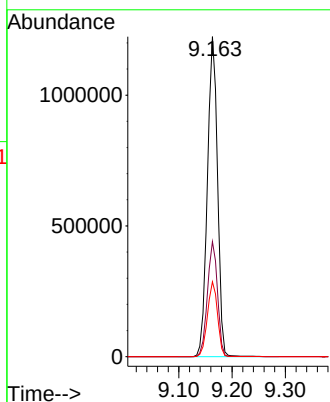
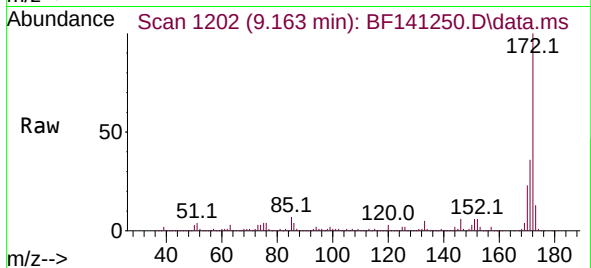
Tgt Ion:172 Resp: 1614078

Ion Ratio Lower Upper

172 100

171 36.0 28.7 43.1

170 23.4 19.0 28.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1570

Delta R.T. -0.018 min

Lab File: BF141250.D

Acq: 23 Jan 2025 15:22

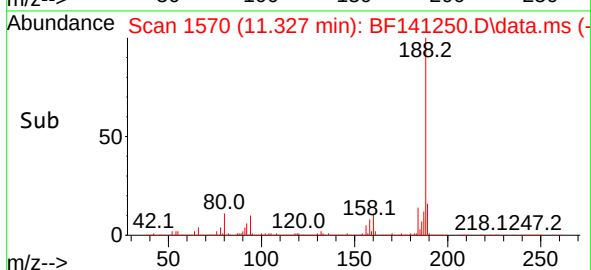
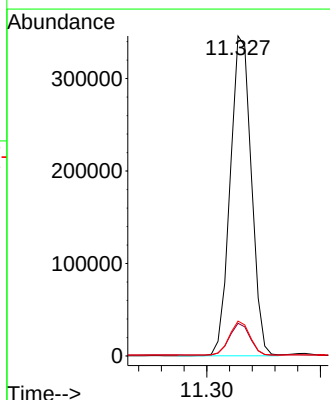
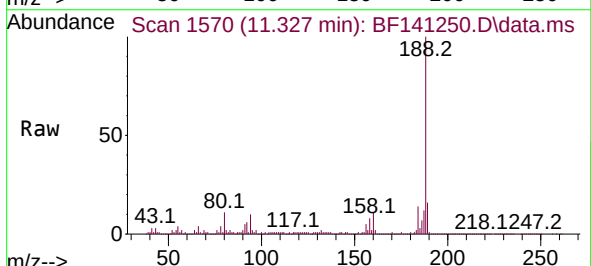
Tgt Ion:188 Resp: 445649

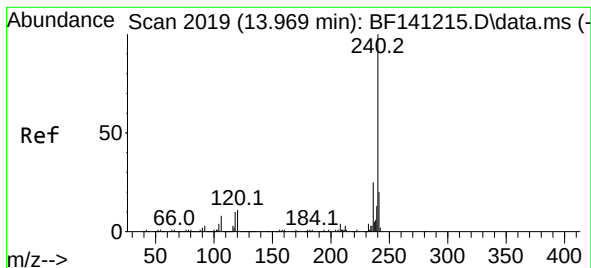
Ion Ratio Lower Upper

188 100

94 10.2 8.3 12.5

80 10.9 9.0 13.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF141250.D

Acq: 23 Jan 2025 15:22

Instrument :

BNA\_F

ClientSampleId :

FRAC-TANK-F06078

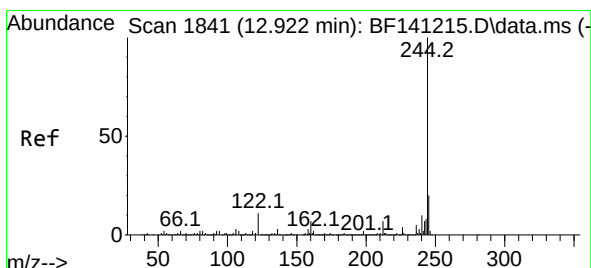
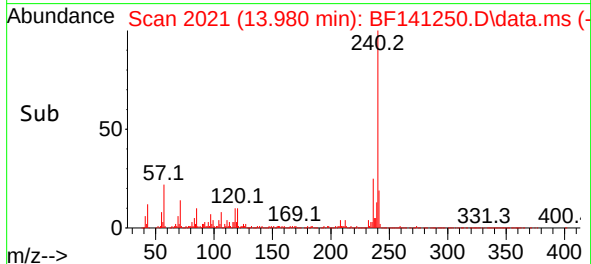
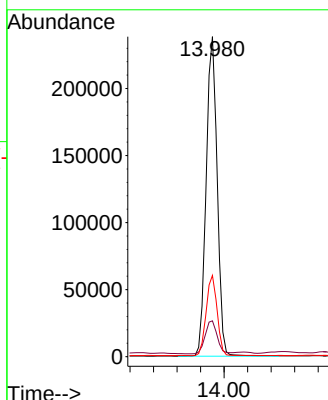
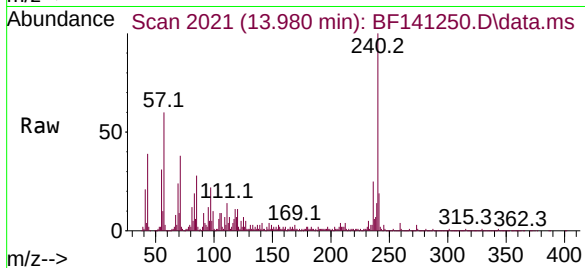
Tgt Ion:240 Resp: 309487

Ion Ratio Lower Upper

240 100

120 11.2 9.1 13.7

236 25.4 19.8 29.6



#79

Terphenyl-d14

Concen: 69.230 ng

RT: 12.922 min Scan# 1841

Delta R.T. -0.012 min

Lab File: BF141250.D

Acq: 23 Jan 2025 15:22

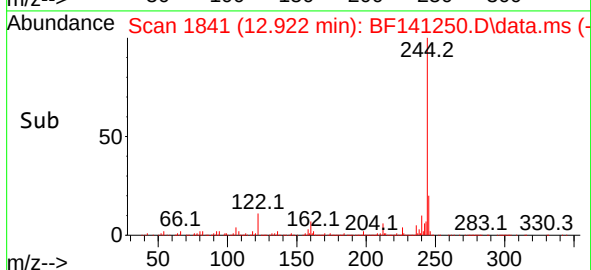
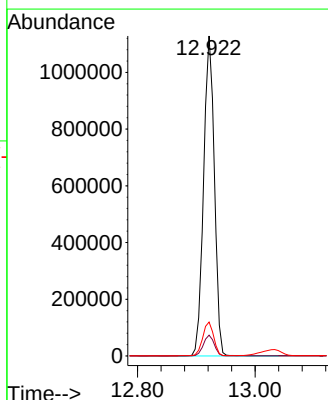
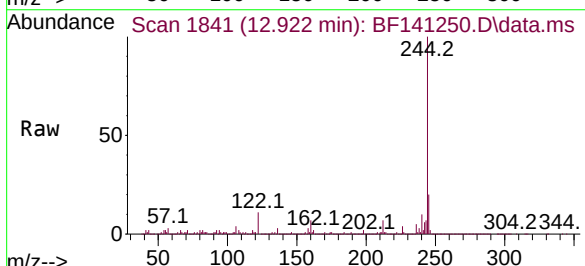
Tgt Ion:244 Resp: 1441555

Ion Ratio Lower Upper

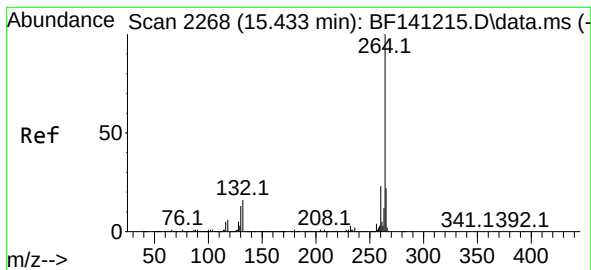
244 100

212 6.5 5.4 8.2

122 10.6 8.8 13.2







#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF141250.D

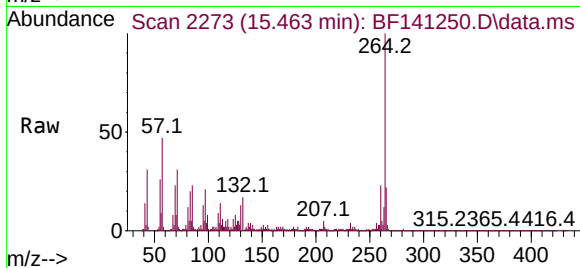
Acq: 23 Jan 2025 15:22

Instrument :

BNA\_F

ClientSampleId :

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Tgt Ion:264 Resp: 346093

Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 21.9 17.4 26.0

