

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101924\  
 Data File : BF139880.D  
 Acq On : 19 Oct 2024 19:14  
 Operator : RC/JU  
 Sample : P4426-15  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PAD-8

Quant Time: Oct 21 01:43:15 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 18 15:07:50 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.887  | 152  | 200447   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.169  | 136  | 768121   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.922  | 164  | 421896   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.410 | 188  | 668798   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.045 | 240  | 364704   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.527 | 264  | 378848   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.498  | 112  | 166343   | 12.991 | ng    | 0.00     |
| 7) Phenol-d6                | 6.498  | 99   | 467944   | 28.218 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.445  | 82   | 569905   | 41.121 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.710 | 330  | 20956    | 5.310  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.245  | 172  | 1168960  | 45.792 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.992 | 244  | 953425   | 42.599 | ng    | 0.00     |

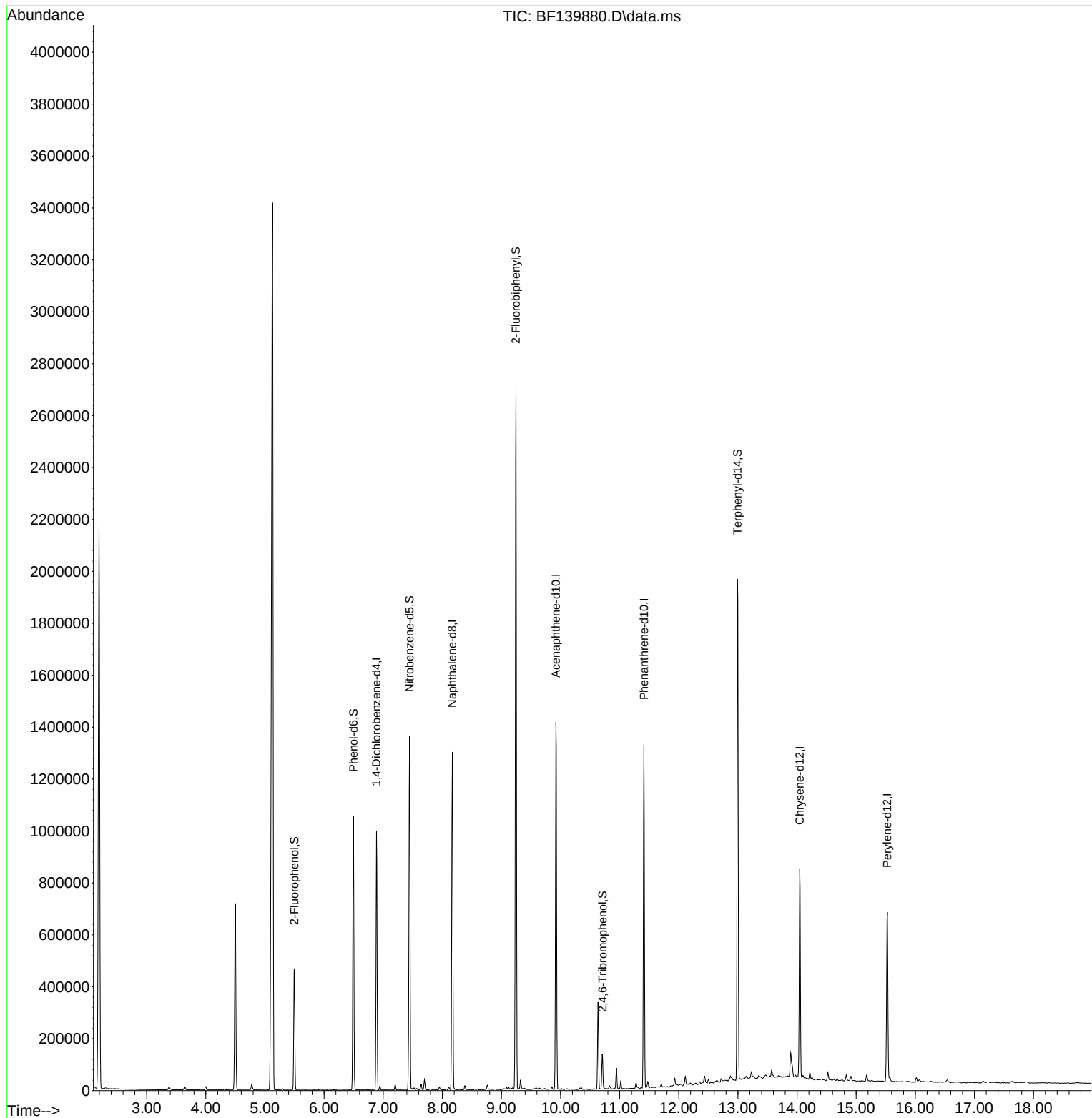
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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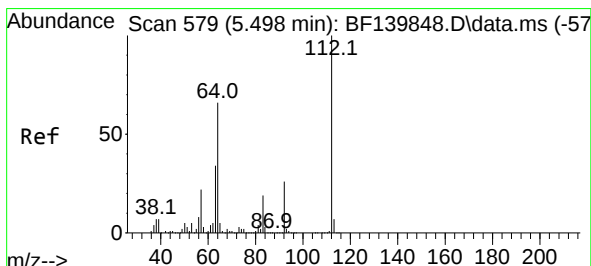
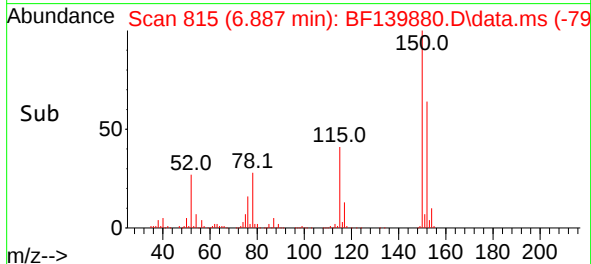
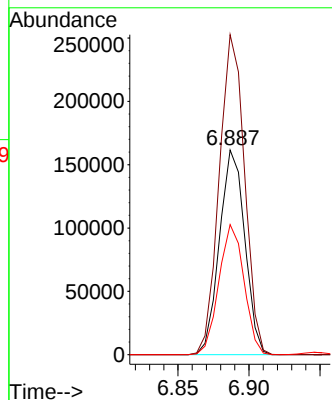
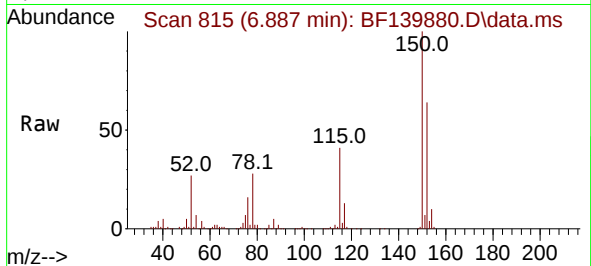




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.887 min Scan# 816  
Delta R.T. -0.005 min  
Lab File: BF139880.D  
Acq: 19 Oct 2024 19:14

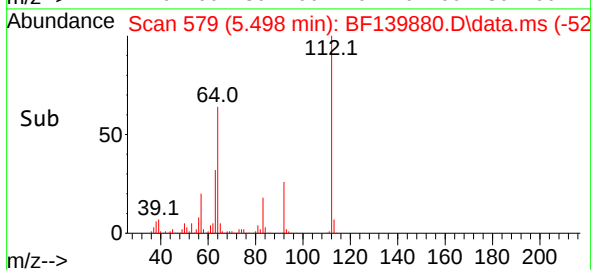
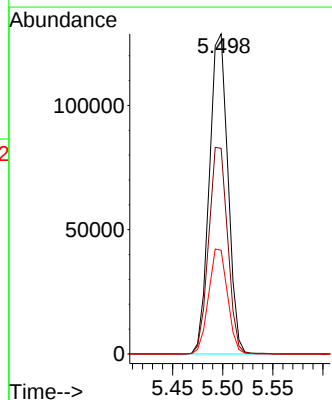
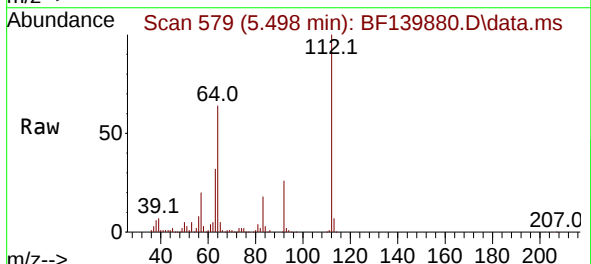
Instrument :  
BNA\_F  
ClientSampleId :  
PAD-8

Tgt Ion:152 Resp: 200447  
Ion Ratio Lower Upper  
152 100  
150 156.4 130.2 195.2  
115 63.5 51.4 77.2



#5  
2-Fluorophenol  
Concen: 12.991 ng  
RT: 5.498 min Scan# 579  
Delta R.T. 0.000 min  
Lab File: BF139880.D  
Acq: 19 Oct 2024 19:14

Tgt Ion:112 Resp: 166343  
Ion Ratio Lower Upper  
112 100  
64 64.3 53.0 79.6  
63 32.4 27.0 40.4





#7  
Phenol-d6  
Concen: 28.218 ng  
RT: 6.498 min Scan# 74  
Delta R.T. -0.012 min  
Lab File: BF139880.D  
Acq: 19 Oct 2024 19:14

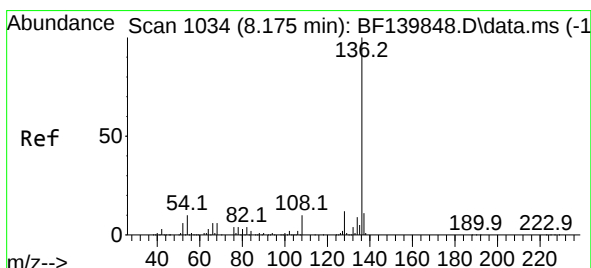
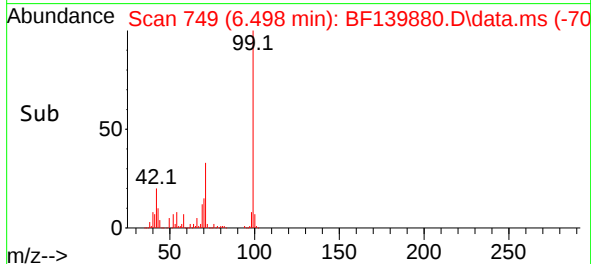
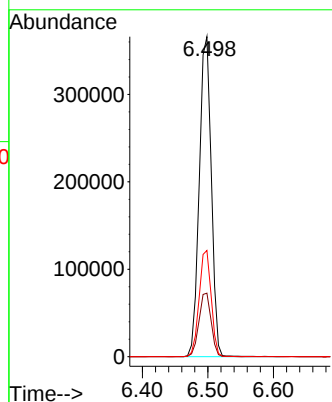
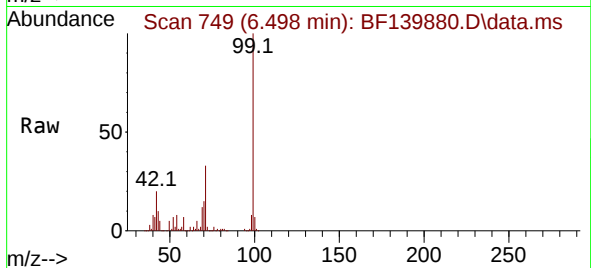
Instrument :

BNA\_F

ClientSampleId :

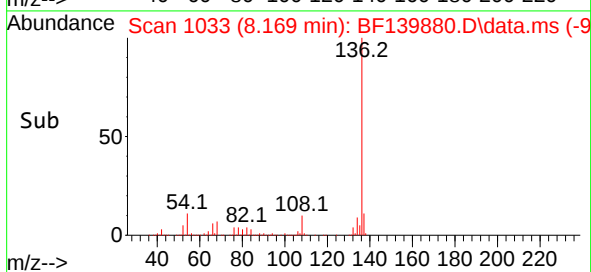
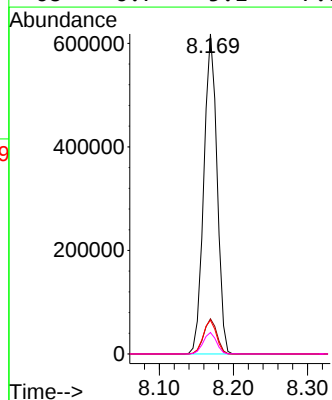
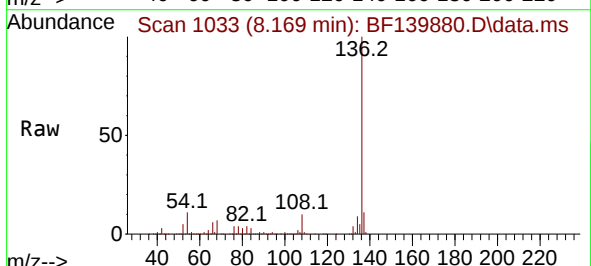
PAD-8

Tgt Ion: 99 Resp: 467944  
Ion Ratio Lower Upper  
99 100  
42 19.8 16.7 25.1  
71 33.2 27.7 41.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1033  
Delta R.T. -0.006 min  
Lab File: BF139880.D  
Acq: 19 Oct 2024 19:14

Tgt Ion:136 Resp: 768121  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 12.8  
54 10.6 8.4 12.6  
68 6.7 5.1 7.7





#23

Nitrobenzene-d5

Concen: 41.121 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139880.D

Acq: 19 Oct 2024 19:14

Instrument :

BNA\_F

ClientSampleId :

PAD-8

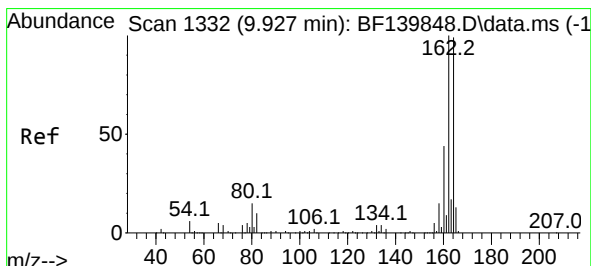
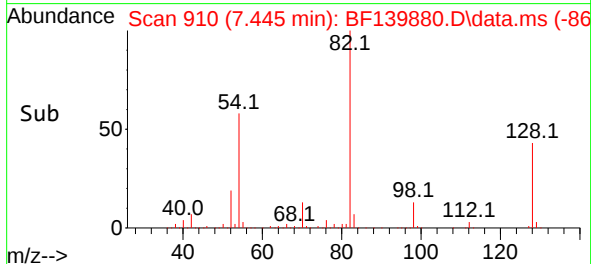
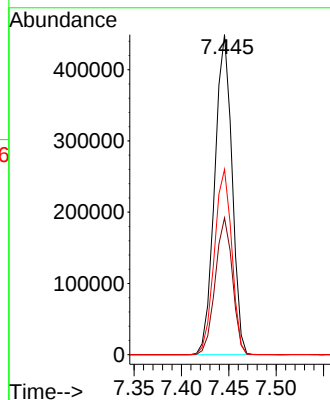
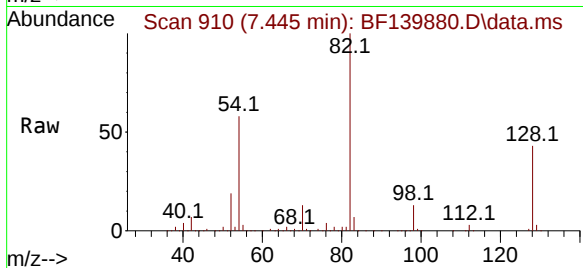
Tgt Ion: 82 Resp: 569905

Ion Ratio Lower Upper

82 100

128 42.7 33.4 50.0

54 57.9 47.8 71.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.005 min

Lab File: BF139880.D

Acq: 19 Oct 2024 19:14

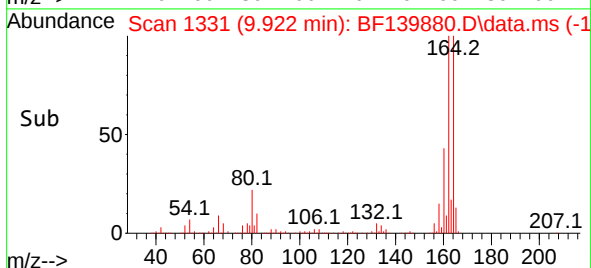
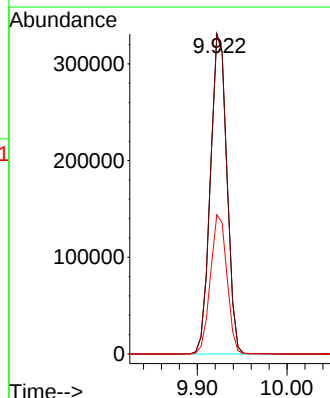
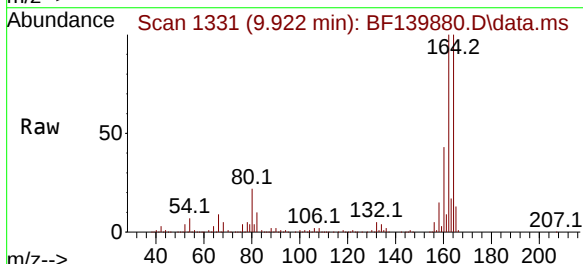
Tgt Ion:164 Resp: 421896

Ion Ratio Lower Upper

164 100

162 99.9 81.0 121.4

160 43.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 5.310 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139880.D

Acq: 19 Oct 2024 19:14

Instrument :

BNA\_F

ClientSampleId :

PAD-8

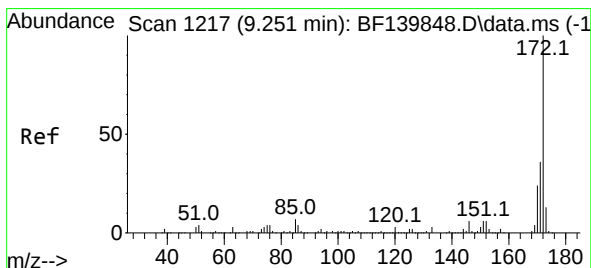
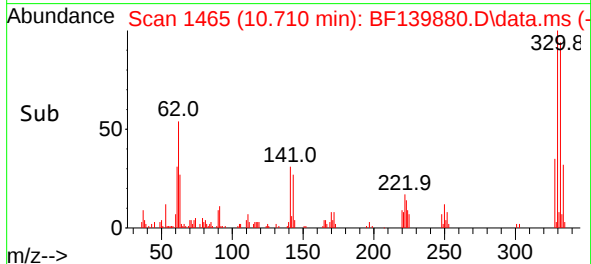
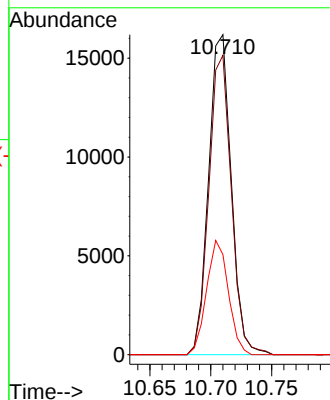
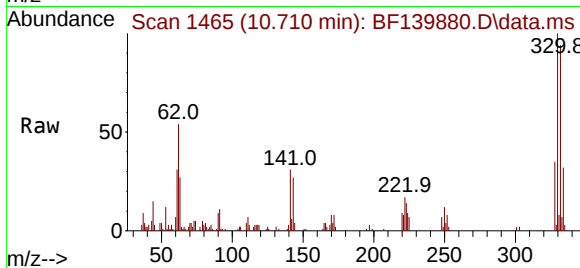
Tgt Ion:330 Resp: 20956

Ion Ratio Lower Upper

330 100

332 93.1 78.1 117.1

141 34.4 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 45.792 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139880.D

Acq: 19 Oct 2024 19:14

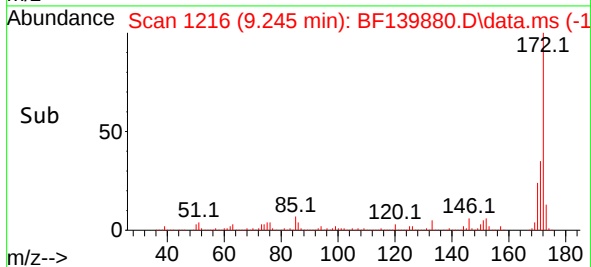
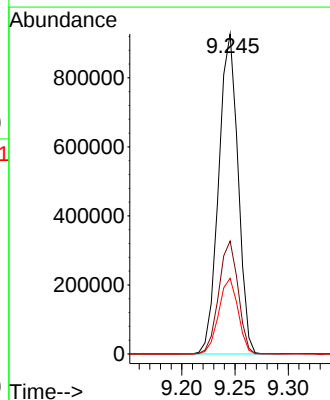
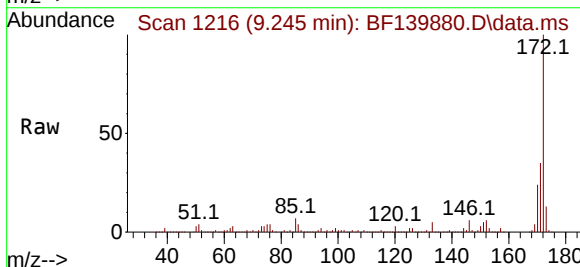
Tgt Ion:172 Resp: 1168960

Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 23.7 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139880.D

Acq: 19 Oct 2024 19:14

Instrument :

BNA\_F

ClientSampleId :

PAD-8

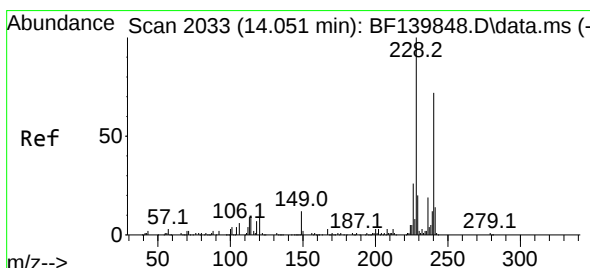
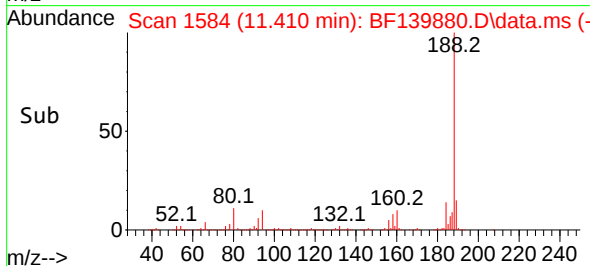
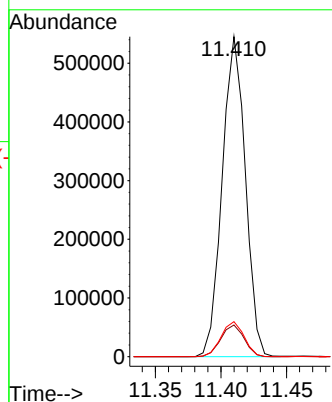
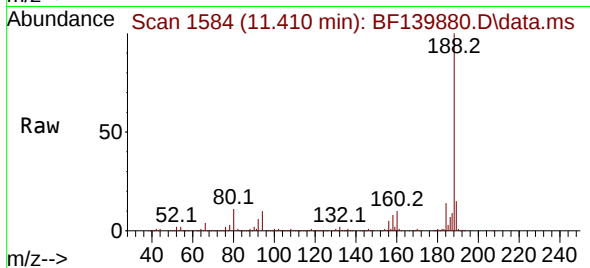
Tgt Ion:188 Resp: 668798

Ion Ratio Lower Upper

188 100

94 9.9 7.9 11.9

80 11.0 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF139880.D

Acq: 19 Oct 2024 19:14

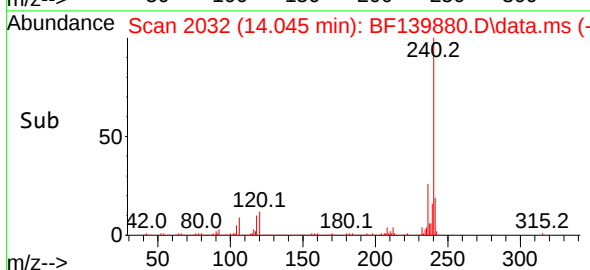
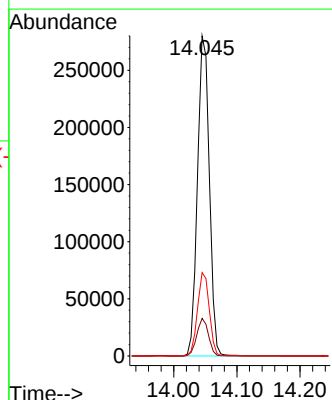
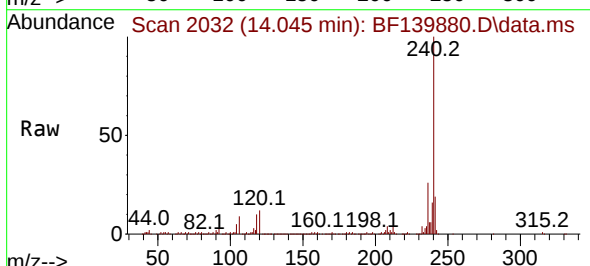
Tgt Ion:240 Resp: 364704

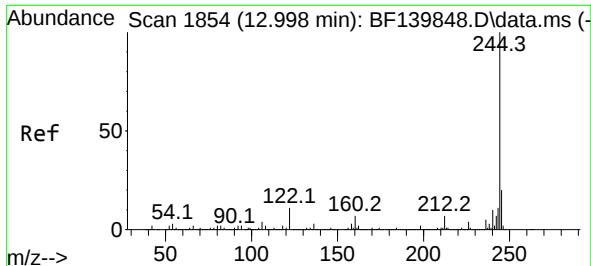
Ion Ratio Lower Upper

240 100

120 11.7 9.4 14.2

236 26.1 20.9 31.3

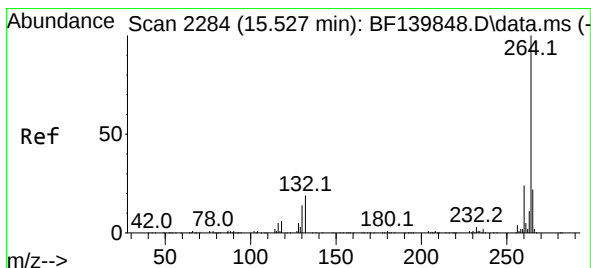
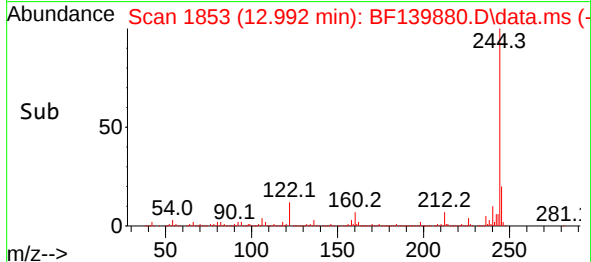
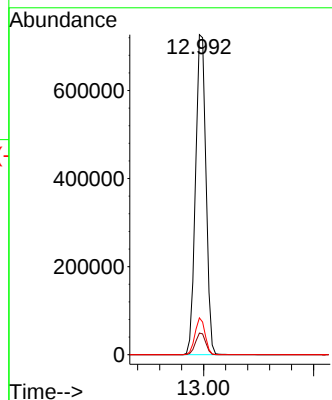
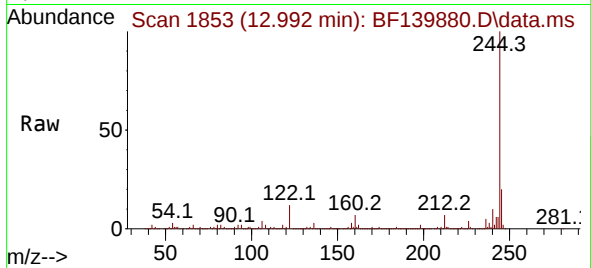




#79  
 Terphenyl-d14  
 Concen: 42.599 ng  
 RT: 12.992 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF139880.D  
 Acq: 19 Oct 2024 19:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PAD-8

Tgt Ion:244 Resp: 953425  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.7 8.5  
 122 11.5 8.6 13.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.527 min Scan# 2284  
 Delta R.T. 0.000 min  
 Lab File: BF139880.D  
 Acq: 19 Oct 2024 19:14

Tgt Ion:264 Resp: 378848  
 Ion Ratio Lower Upper  
 264 100  
 260 24.0 19.4 29.2  
 265 21.7 17.4 26.0

