

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101924\  
 Data File : BF139874.D  
 Acq On : 19 Oct 2024 16:24  
 Operator : RC/JU  
 Sample : P4426-13  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PAD-7

Quant Time: Oct 21 01:41:28 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  | 193840   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.169  | 136  | 750911   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.928  | 164  | 409213   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.410 | 188  | 649825   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.051 | 240  | 355728   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.527 | 264  | 376625   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.498  | 112  | 252453   | 20.389 | ng    | 0.00     |
| 7) Phenol-d6                | 6.498  | 99   | 544236   | 33.937 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.445  | 82   | 449548   | 33.180 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.710 | 330  | 35810    | 9.356  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.245  | 172  | 916997   | 37.035 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.992 | 244  | 712587   | 32.641 | ng    | 0.00     |

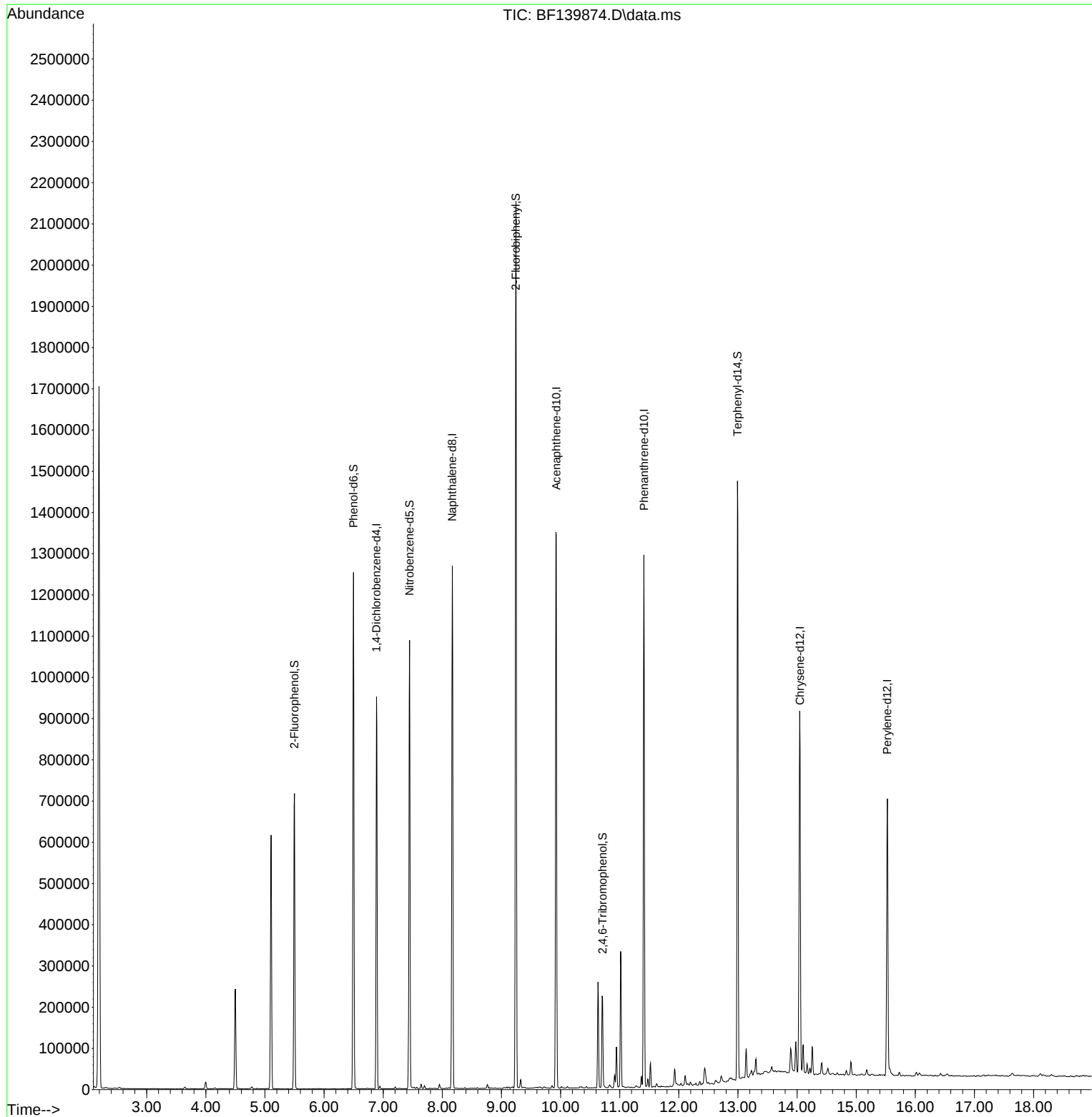
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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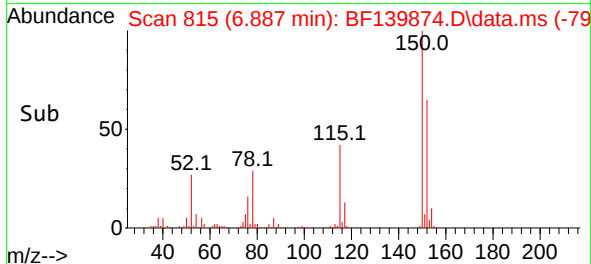
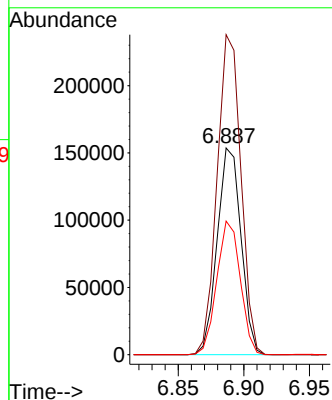
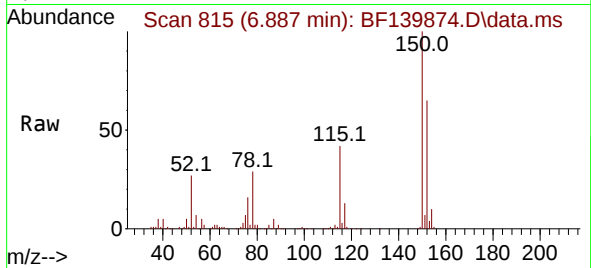




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.887 min Scan# 816  
Delta R.T. -0.005 min  
Lab File: BF139874.D  
Acq: 19 Oct 2024 16:24

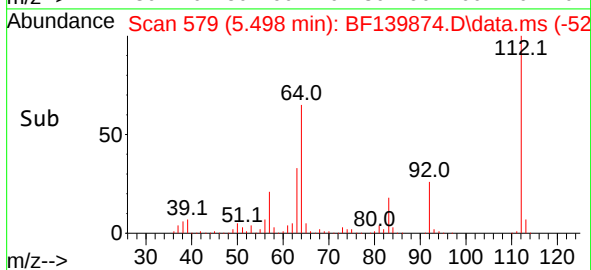
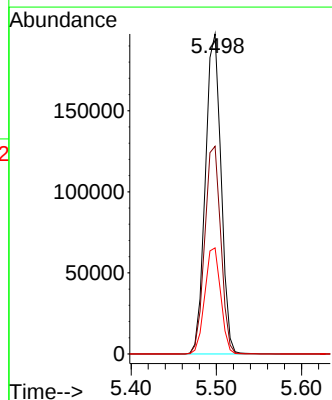
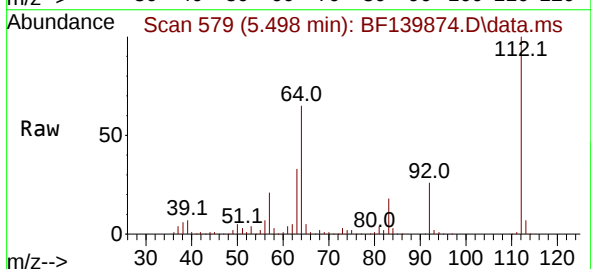
Instrument :  
BNA\_F  
ClientSampleId :  
PAD-7

Tgt Ion:152 Resp: 193840  
Ion Ratio Lower Upper  
152 100  
150 154.7 130.2 195.2  
115 64.6 51.4 77.2



#5  
2-Fluorophenol  
Concen: 20.389 ng  
RT: 5.498 min Scan# 579  
Delta R.T. 0.000 min  
Lab File: BF139874.D  
Acq: 19 Oct 2024 16:24

Tgt Ion:112 Resp: 252453  
Ion Ratio Lower Upper  
112 100  
64 64.9 53.0 79.6  
63 33.1 27.0 40.4

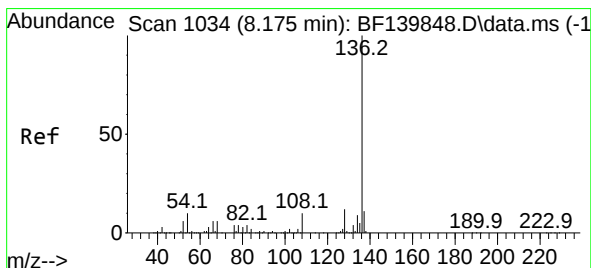
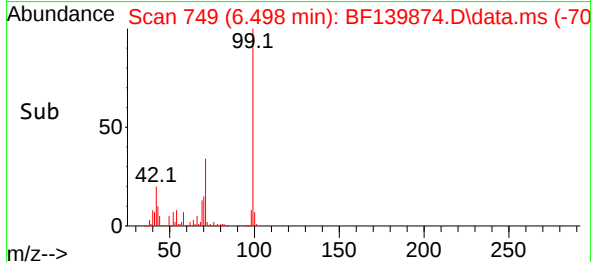
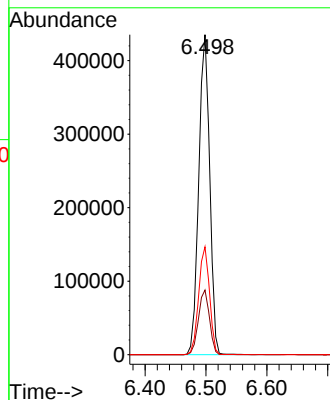
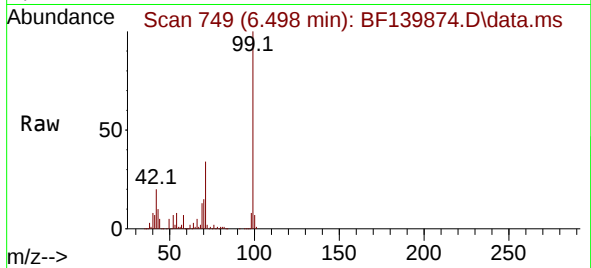




#7  
Phenol-d6  
Concen: 33.937 ng  
RT: 6.498 min Scan# 749  
Delta R.T. -0.012 min  
Lab File: BF139874.D  
Acq: 19 Oct 2024 16:24

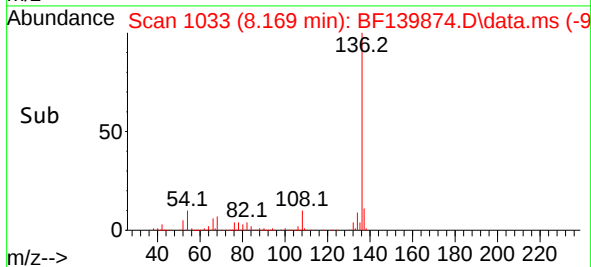
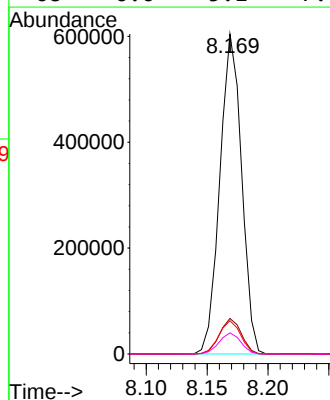
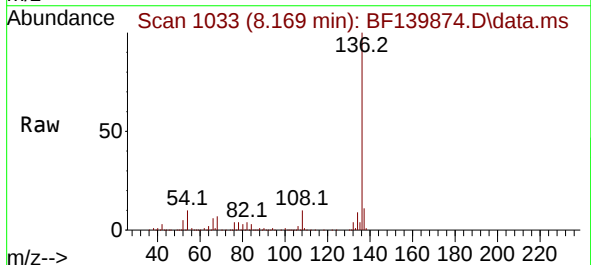
Instrument :  
BNA\_F  
ClientSampleId :  
PAD-7

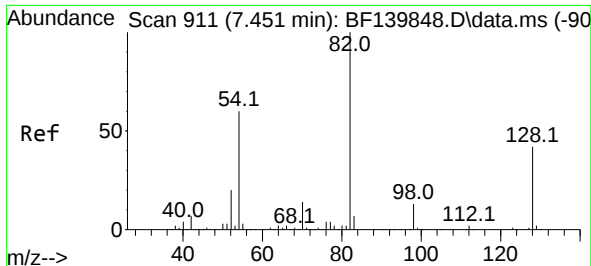
Tgt Ion: 99 Resp: 544236  
Ion Ratio Lower Upper  
99 100  
42 20.2 16.7 25.1  
71 33.7 27.7 41.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1033  
Delta R.T. -0.006 min  
Lab File: BF139874.D  
Acq: 19 Oct 2024 16:24

Tgt Ion: 136 Resp: 750911  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.6 12.8  
54 10.4 8.4 12.6  
68 6.6 5.1 7.7





#23

Nitrobenzene-d5

Concen: 33.180 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139874.D

Acq: 19 Oct 2024 16:24

Instrument :

BNA\_F

ClientSampleId :

PAD-7

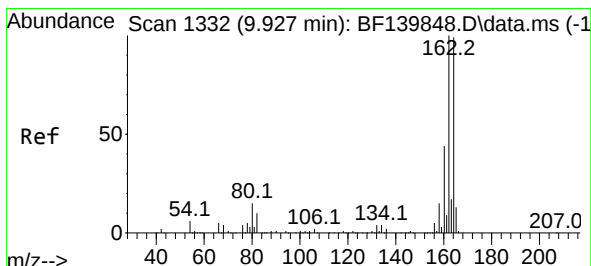
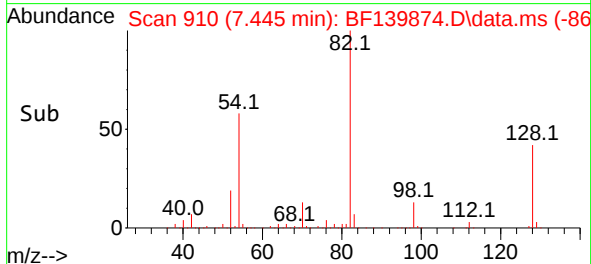
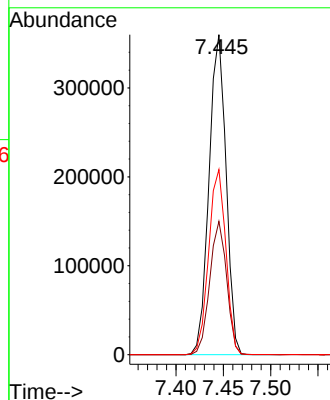
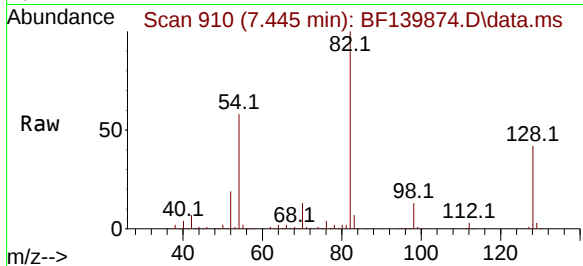
Tgt Ion: 82 Resp: 449548

Ion Ratio Lower Upper

82 100

128 41.7 33.4 50.0

54 57.8 47.8 71.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1332

Delta R.T. 0.001 min

Lab File: BF139874.D

Acq: 19 Oct 2024 16:24

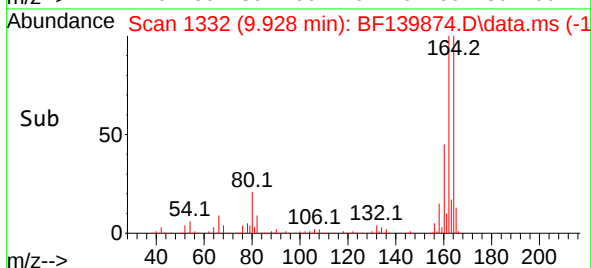
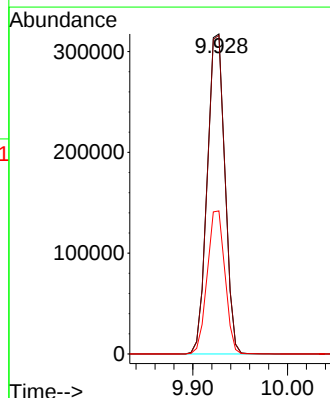
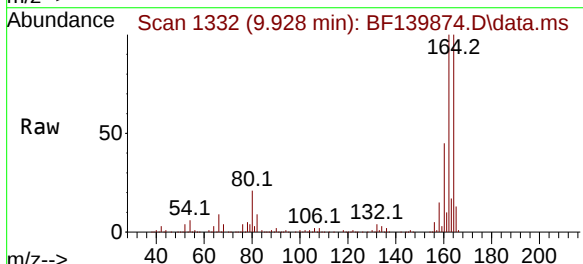
Tgt Ion:164 Resp: 409213

Ion Ratio Lower Upper

164 100

162 99.6 81.0 121.4

160 44.7 35.4 53.0

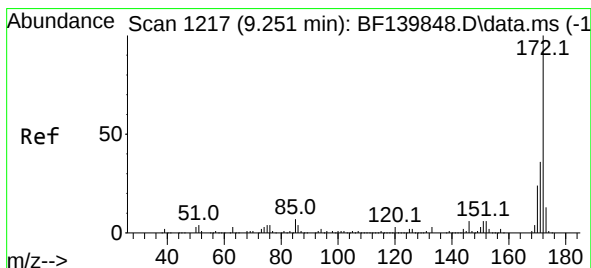
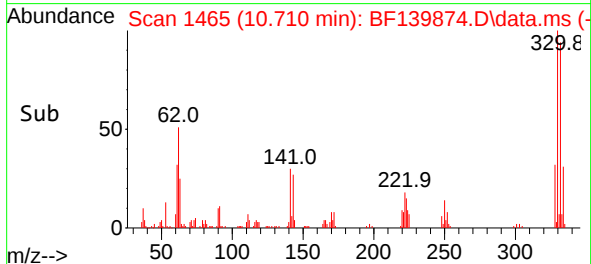
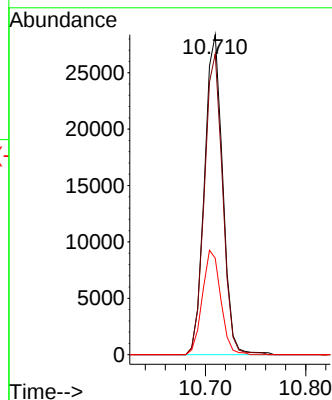
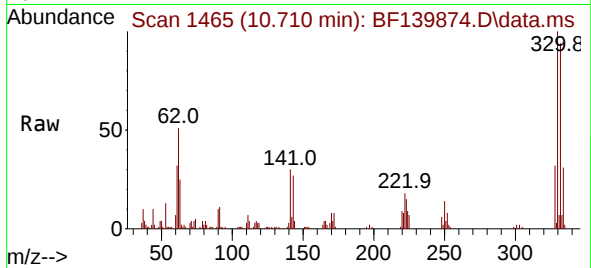




#42  
2,4,6-Tribromophenol  
Concen: 9.356 ng  
RT: 10.710 min Scan# 1465  
Delta R.T. -0.006 min  
Lab File: BF139874.D  
Acq: 19 Oct 2024 16:24

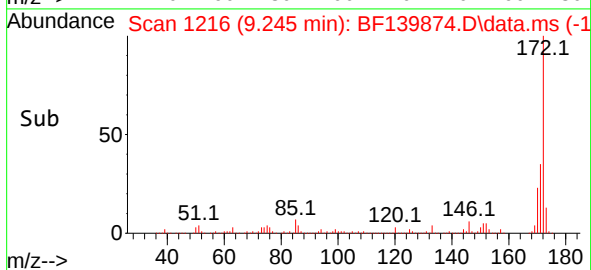
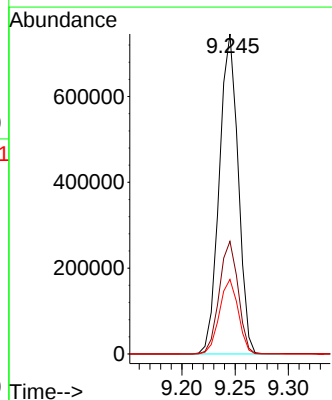
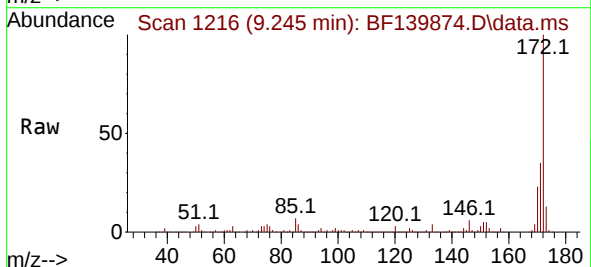
Instrument :  
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Tgt Ion:330 Resp: 35810  
Ion Ratio Lower Upper  
330 100  
332 94.2 78.1 117.1  
141 33.0 26.6 39.8



#45  
2-Fluorobiphenyl  
Concen: 37.035 ng  
RT: 9.245 min Scan# 1216  
Delta R.T. -0.006 min  
Lab File: BF139874.D  
Acq: 19 Oct 2024 16:24

Tgt Ion:172 Resp: 916997  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.6 43.0  
170 23.3 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: BF139874.D

Acq: 19 Oct 2024 16:24

Instrument :

BNA\_F

ClientSampleId :

PAD-7

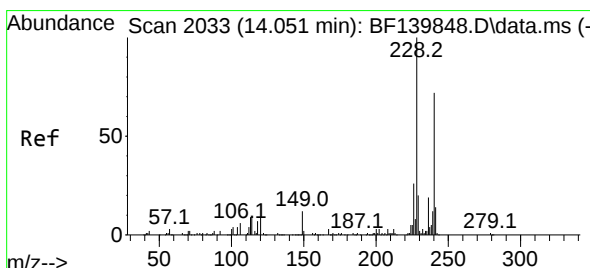
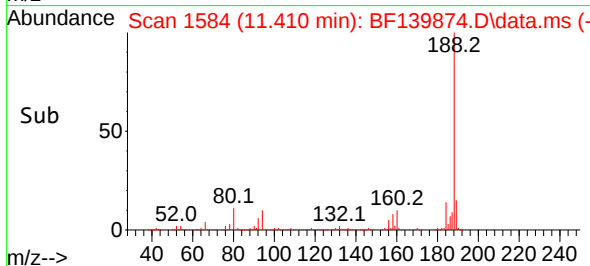
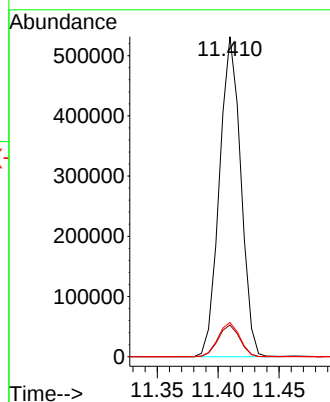
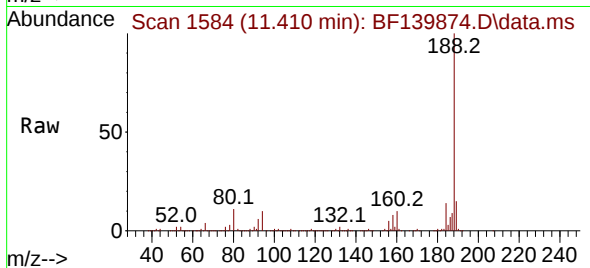
Tgt Ion:188 Resp: 649825

Ion Ratio Lower Upper

188 100

94 9.9 7.9 11.9

80 10.7 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF139874.D

Acq: 19 Oct 2024 16:24

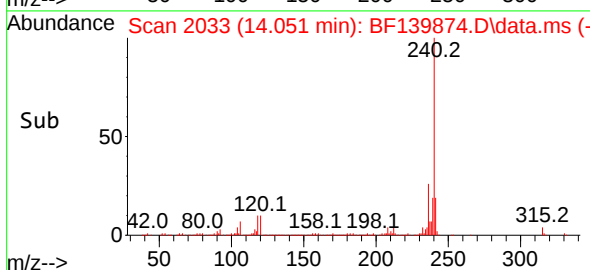
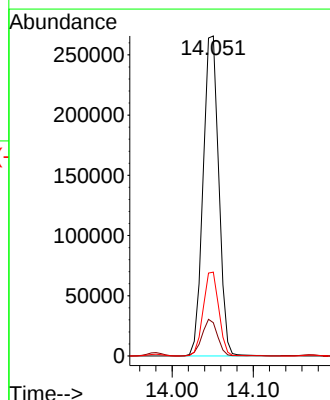
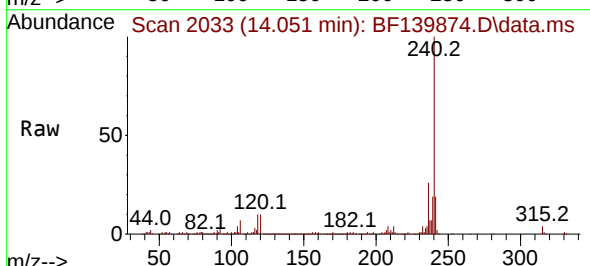
Tgt Ion:240 Resp: 355728

Ion Ratio Lower Upper

240 100

120 10.4 9.4 14.2

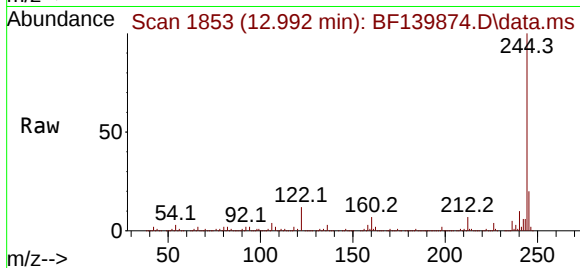
236 26.2 20.9 31.3



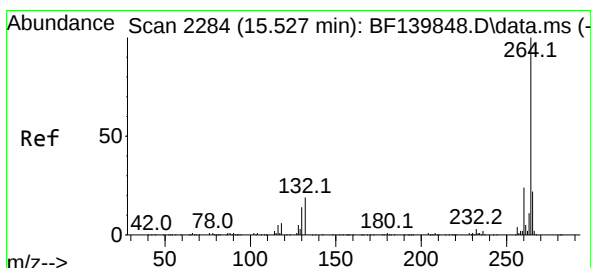
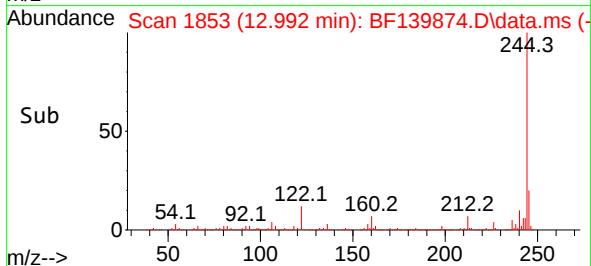
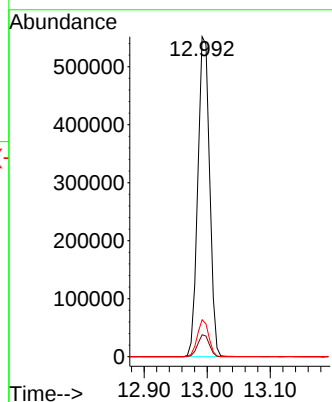


#79  
 Terphenyl-d14  
 Concen: 32.641 ng  
 RT: 12.992 min Scan# 1853  
 Delta R.T. -0.006 min  
 Lab File: BF139874.D  
 Acq: 19 Oct 2024 16:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PAD-7



Tgt Ion:244 Resp: 712587  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.7 8.5  
 122 11.6 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: BF139874.D  
 Acq: 19 Oct 2024 16:24

Tgt Ion:264 Resp: 376625  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 19.4 29.2  
 265 21.2 17.4 26.0

