

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121024\  
 Data File : BF140813.D  
 Acq On : 10 Dec 2024 18:26  
 Operator : RC/JU  
 Sample : P5216-16  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-12

Quant Time: Dec 11 00:34:07 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 21 15:23:48 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.863  | 152  | 97174    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.140  | 136  | 381302   | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10        | 9.898  | 164  | 200364   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 11.392 | 188  | 297756   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 14.045 | 240  | 160345   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.545 | 264  | 103934   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.522  | 112  | 764356   | 134.208 | ng    | 0.02     |
| 7) Phenol-d6                | 6.522  | 99   | 999880   | 132.798 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.428  | 82   | 698622   | 93.718  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.698 | 330  | 269618   | 125.819 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.216  | 172  | 1278493  | 95.071  | ng    | -0.02    |
| 79) Terphenyl-d14           | 12.980 | 244  | 1006197  | 97.713  | ng    | -0.01    |

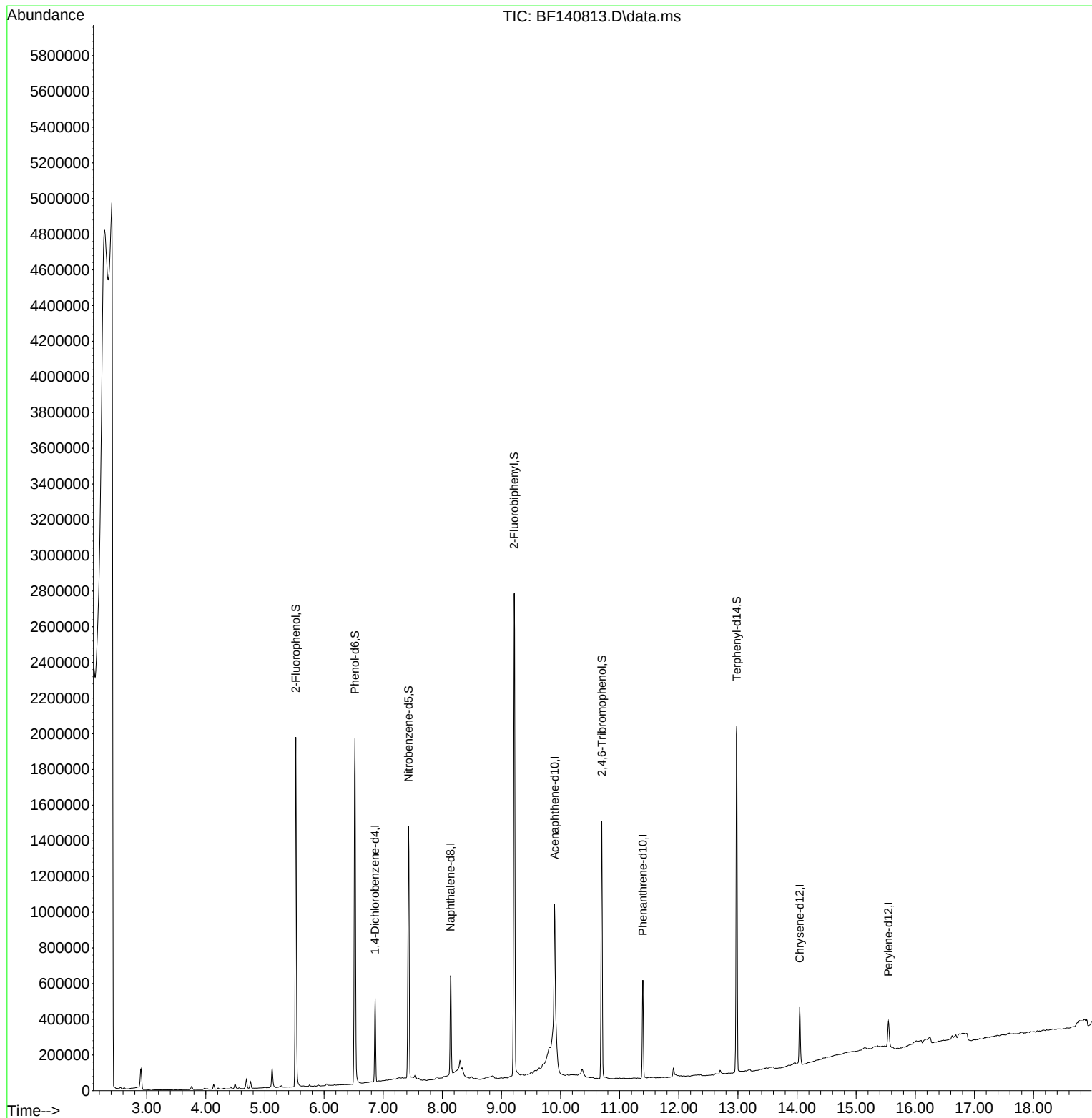
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112124.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 21 15:23:48 2024  
Response via : Initial Calibration

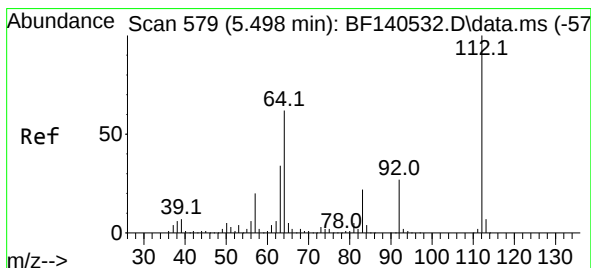
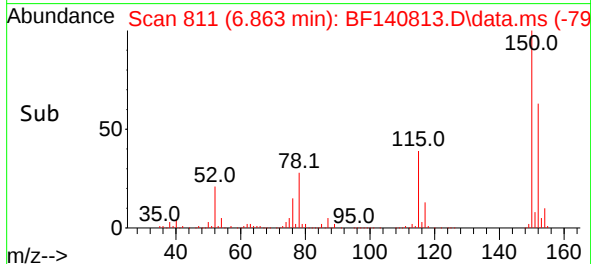
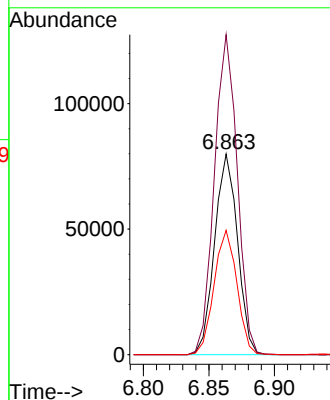
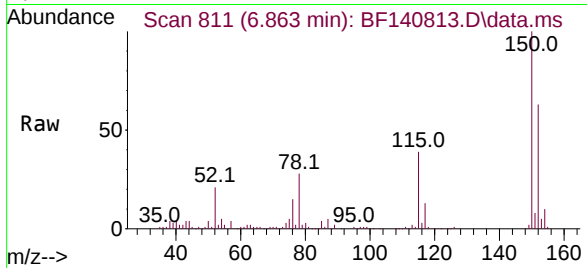




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.863 min Scan# 813  
Delta R.T. -0.012 min  
Lab File: BF140813.D  
Acq: 10 Dec 2024 18:26

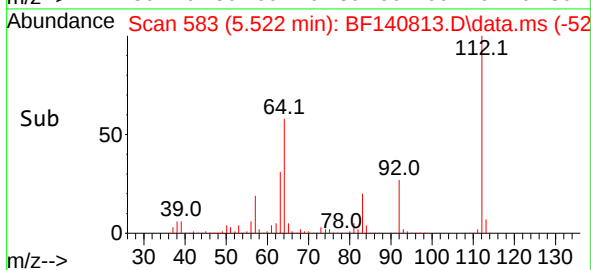
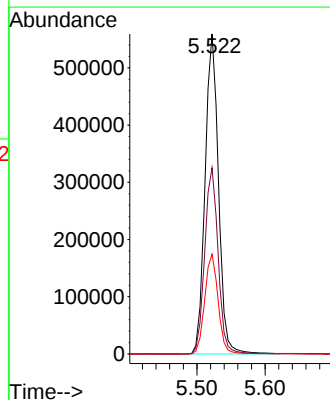
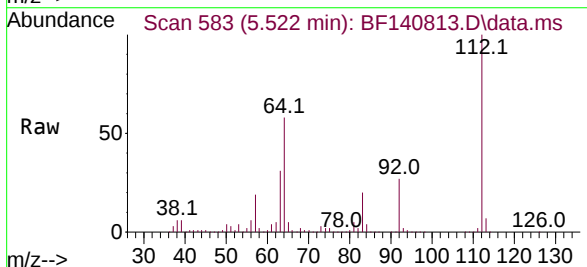
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BNA\_F  
ClientSampleId :  
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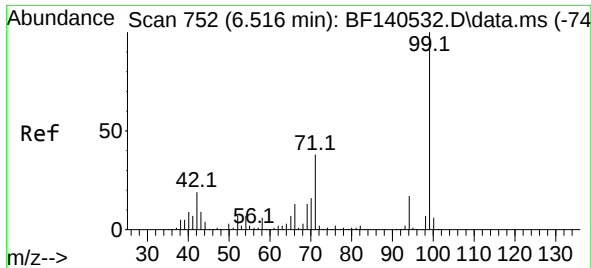
Tgt Ion:152 Resp: 97174  
Ion Ratio Lower Upper  
152 100  
150 159.5 128.5 192.7  
115 62.0 50.2 75.4



#5  
2-Fluorophenol  
Concen: 134.208 ng  
RT: 5.522 min Scan# 583  
Delta R.T. 0.024 min  
Lab File: BF140813.D  
Acq: 10 Dec 2024 18:26

Tgt Ion:112 Resp: 764356  
Ion Ratio Lower Upper  
112 100  
64 58.2 49.2 73.8  
63 31.2 27.0 40.4

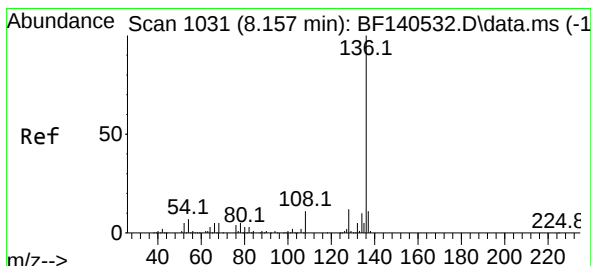
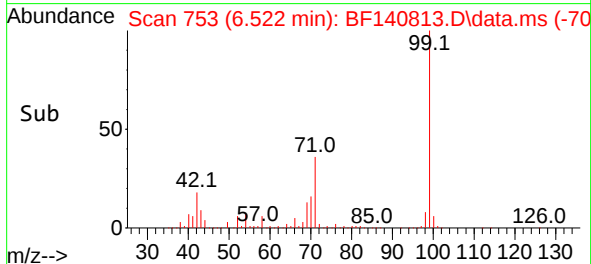
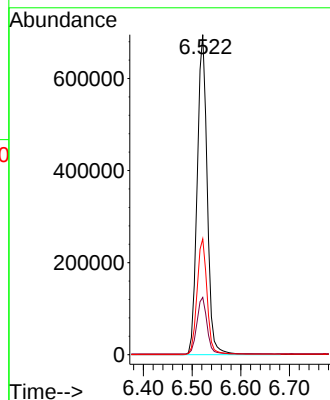
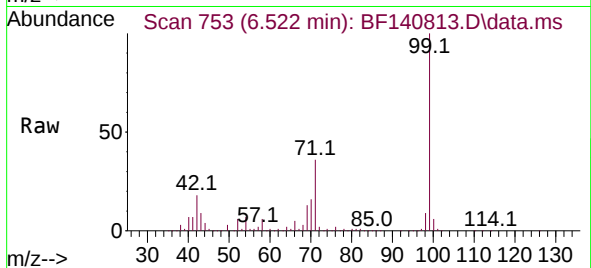




#7  
Phenol-d6  
Concen: 132.798 ng  
RT: 6.522 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF140813.D  
Acq: 10 Dec 2024 18:26

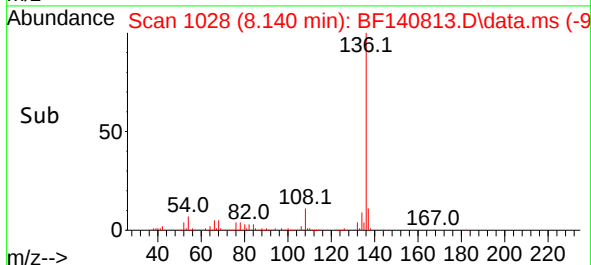
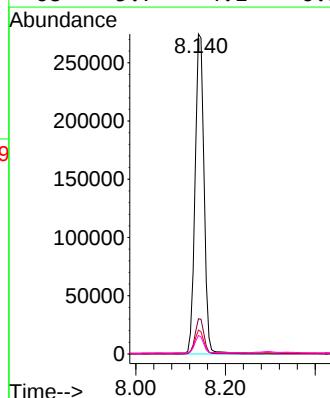
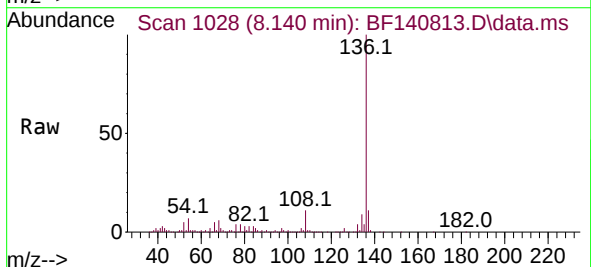
Instrument :  
BNA\_F  
ClientSampleId :  
TP-12

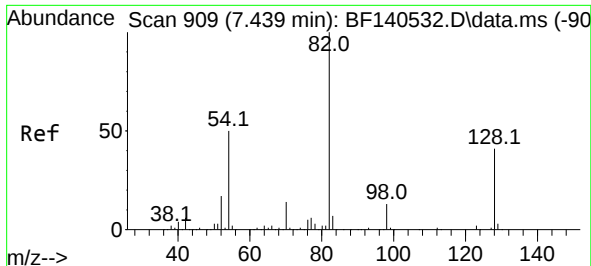
Tgt Ion: 99 Resp: 999880  
Ion Ratio Lower Upper  
99 100  
42 17.9 15.4 23.0  
71 36.2 30.6 46.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.140 min Scan# 1028  
Delta R.T. -0.018 min  
Lab File: BF140813.D  
Acq: 10 Dec 2024 18:26

Tgt Ion:136 Resp: 381302  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 13.0  
54 7.5 5.8 8.8  
68 5.7 4.1 6.1





#23

Nitrobenzene-d5

Concen: 93.718 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF140813.D

Acq: 10 Dec 2024 18:26

Instrument :

BNA\_F

ClientSampleId :

TP-12

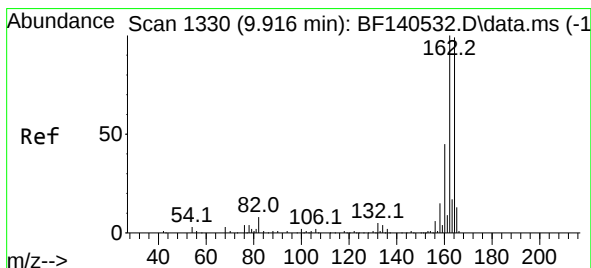
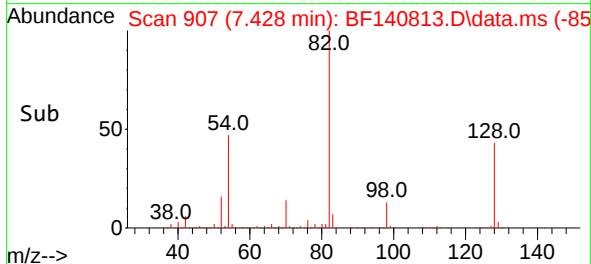
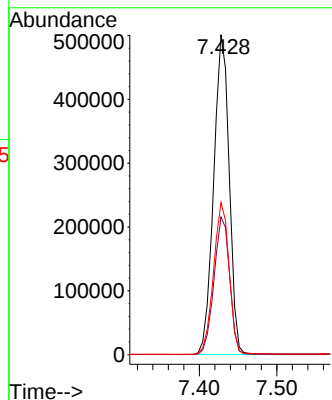
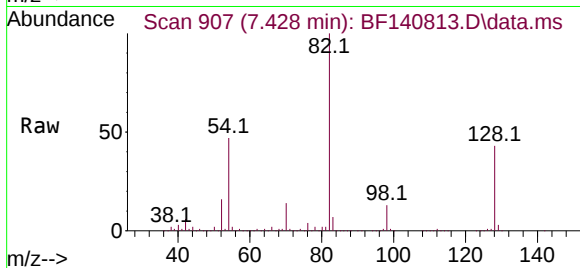
Tgt Ion: 82 Resp: 698622

Ion Ratio Lower Upper

82 100

128 43.0 33.0 49.4

54 47.5 39.5 59.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.018 min

Lab File: BF140813.D

Acq: 10 Dec 2024 18:26

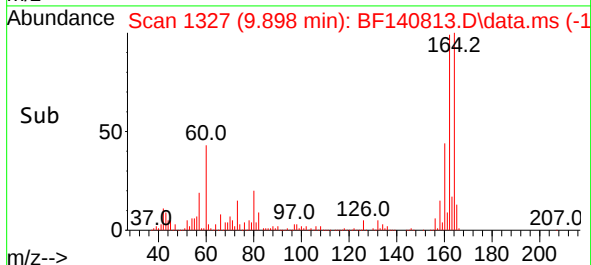
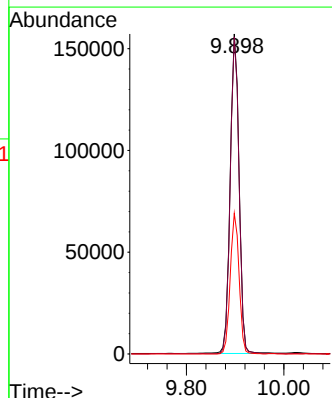
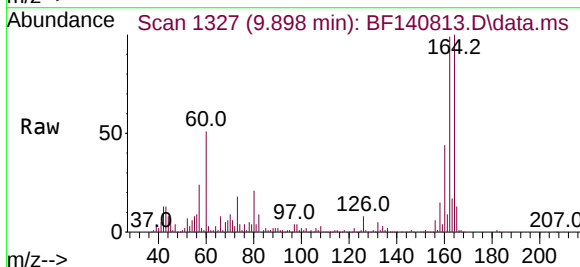
Tgt Ion:164 Resp: 200364

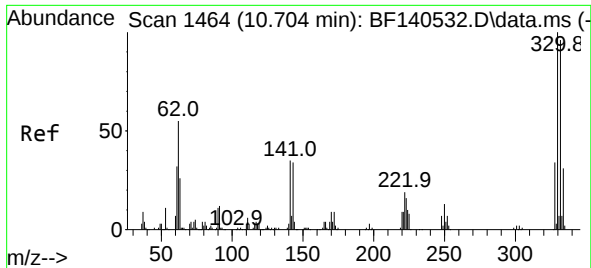
Ion Ratio Lower Upper

164 100

162 99.1 80.6 120.8

160 44.0 36.2 54.4

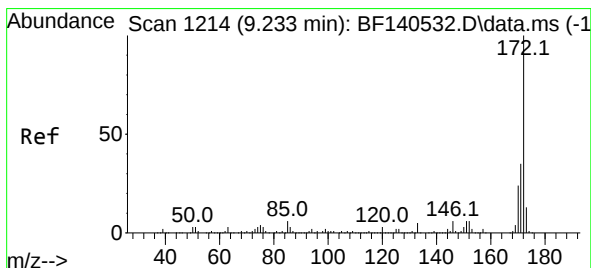
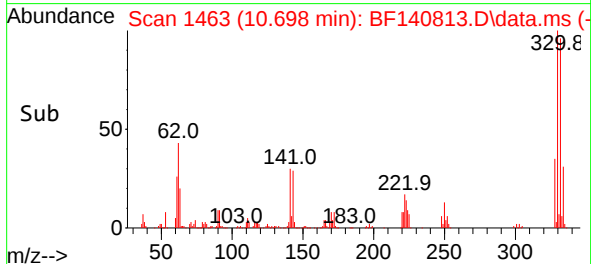
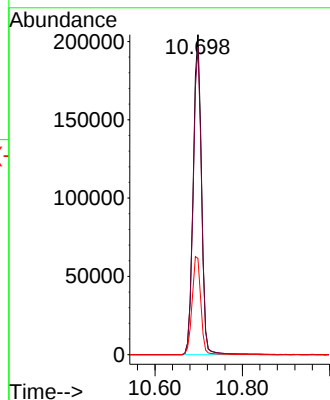
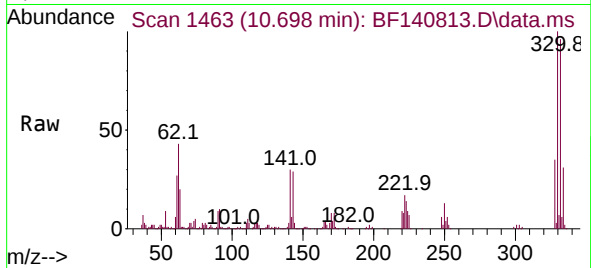




#42  
2,4,6-Tribromophenol  
Concen: 125.819 ng  
RT: 10.698 min Scan# 1463  
Delta R.T. -0.006 min  
Lab File: BF140813.D  
Acq: 10 Dec 2024 18:26

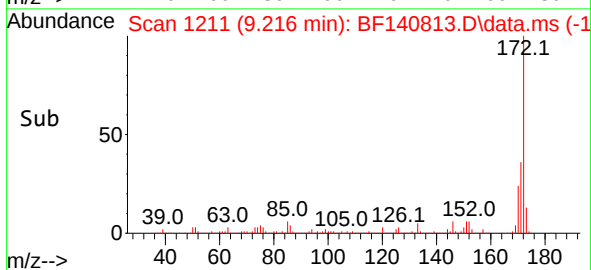
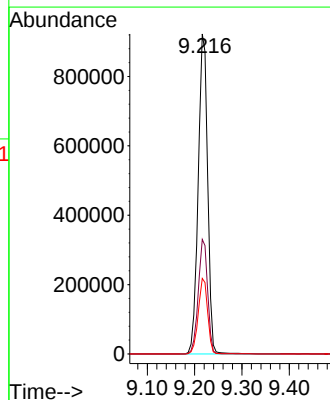
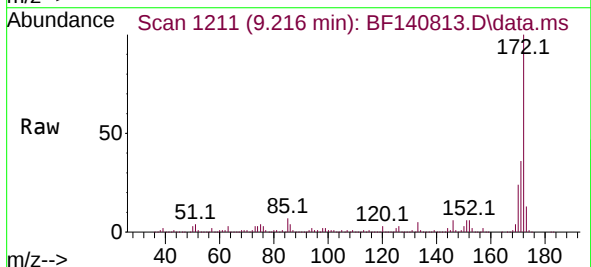
Instrument :  
BNA\_F  
ClientSampleId :  
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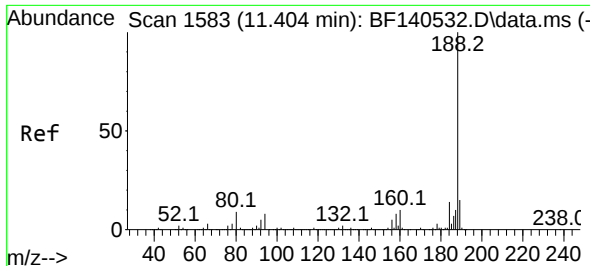
Tgt Ion:330 Resp: 269618  
Ion Ratio Lower Upper  
330 100  
332 95.8 76.9 115.3  
141 32.1 26.7 40.1



#45  
2-Fluorobiphenyl  
Concen: 95.071 ng  
RT: 9.216 min Scan# 1211  
Delta R.T. -0.018 min  
Lab File: BF140813.D  
Acq: 10 Dec 2024 18:26

Tgt Ion:172 Resp: 1278493  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.4 42.6  
170 23.6 19.0 28.6

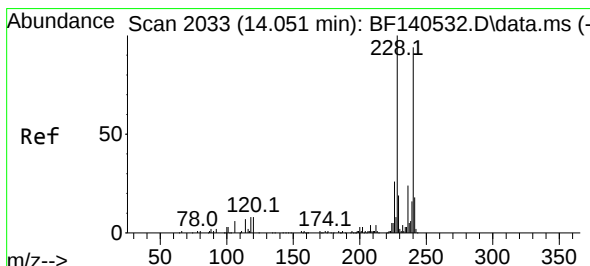
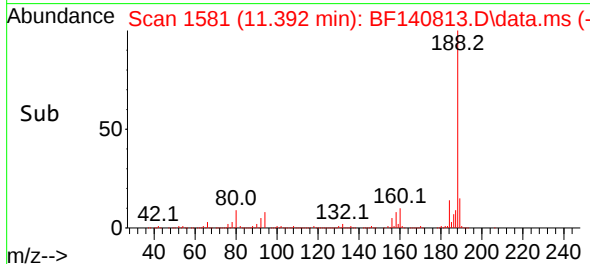
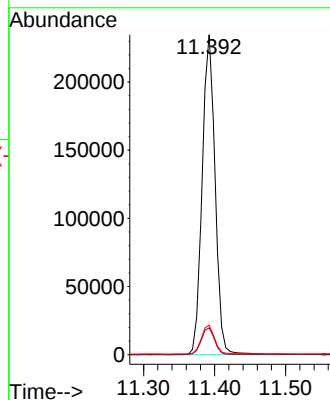
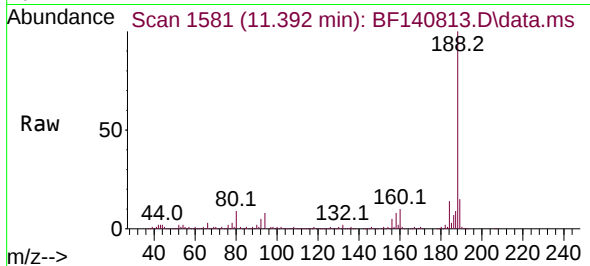




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.392 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF140813.D  
Acq: 10 Dec 2024 18:26

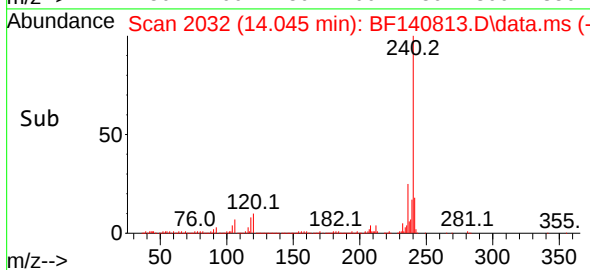
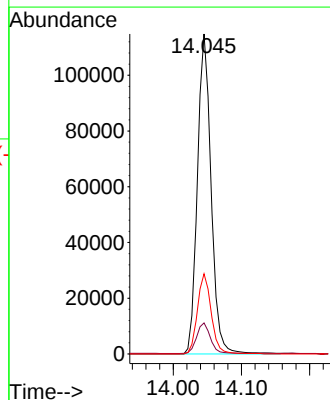
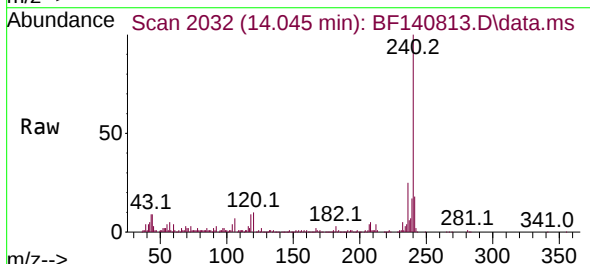
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ClientSampleId :  
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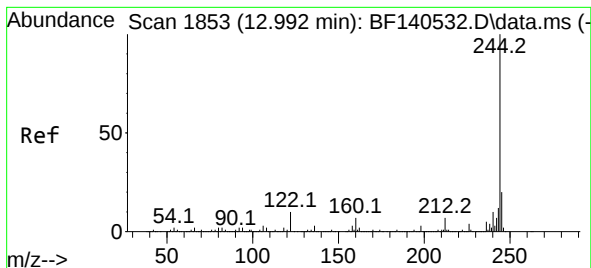
Tgt Ion:188 Resp: 297756  
Ion Ratio Lower Upper  
188 100  
94 8.4 6.4 9.6  
80 9.2 6.9 10.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.045 min Scan# 2032  
Delta R.T. -0.006 min  
Lab File: BF140813.D  
Acq: 10 Dec 2024 18:26

Tgt Ion:240 Resp: 160345  
Ion Ratio Lower Upper  
240 100  
120 9.7 7.3 10.9  
236 25.1 20.6 31.0





#79

Terphenyl-d14

Concen: 97.713 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140813.D

Acq: 10 Dec 2024 18:26

Instrument :

BNA\_F

ClientSampleId :

TP-12

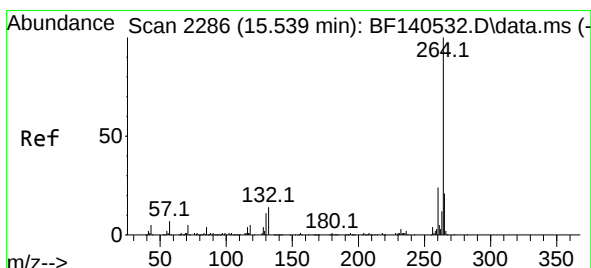
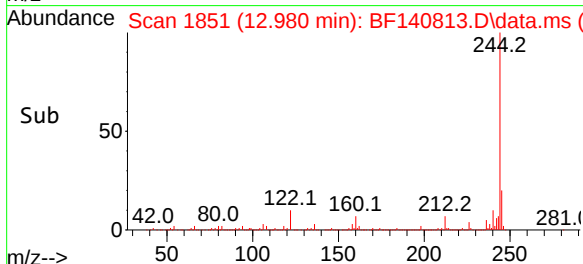
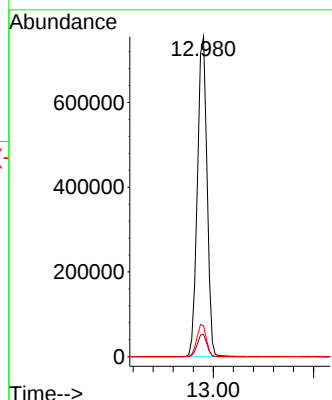
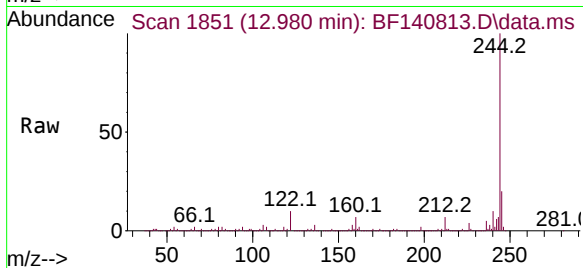
Tgt Ion:244 Resp: 1006197

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 9.7 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2287

Delta R.T. 0.006 min

Lab File: BF140813.D

Acq: 10 Dec 2024 18:26

Tgt Ion:264 Resp: 103934

Ion Ratio Lower Upper

264 100

260 25.1 19.0 28.6

265 22.5 16.6 25.0

