

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102424\  
 Data File : BF140009.D  
 Acq On : 24 Oct 2024 19:11  
 Operator : RC/JU  
 Sample : P4472-08  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BP-F-6

Quant Time: Oct 25 01:08:45 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   | 6.893  | 152  | 88507    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.169  | 136  | 342087   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.922  | 164  | 184966   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.410 | 188  | 304196   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.045 | 240  | 168351   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.527 | 264  | 201242   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.516  | 112  | 684634   | 121.096 | ng    | 0.02     |
| 7) Phenol-d6                | 6.510  | 99   | 791913   | 108.150 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.451  | 82   | 617383   | 100.026 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.710 | 330  | 261744   | 151.287 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.245  | 172  | 1102589  | 98.518  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.998 | 244  | 969115   | 93.801  | ng    | 0.00     |

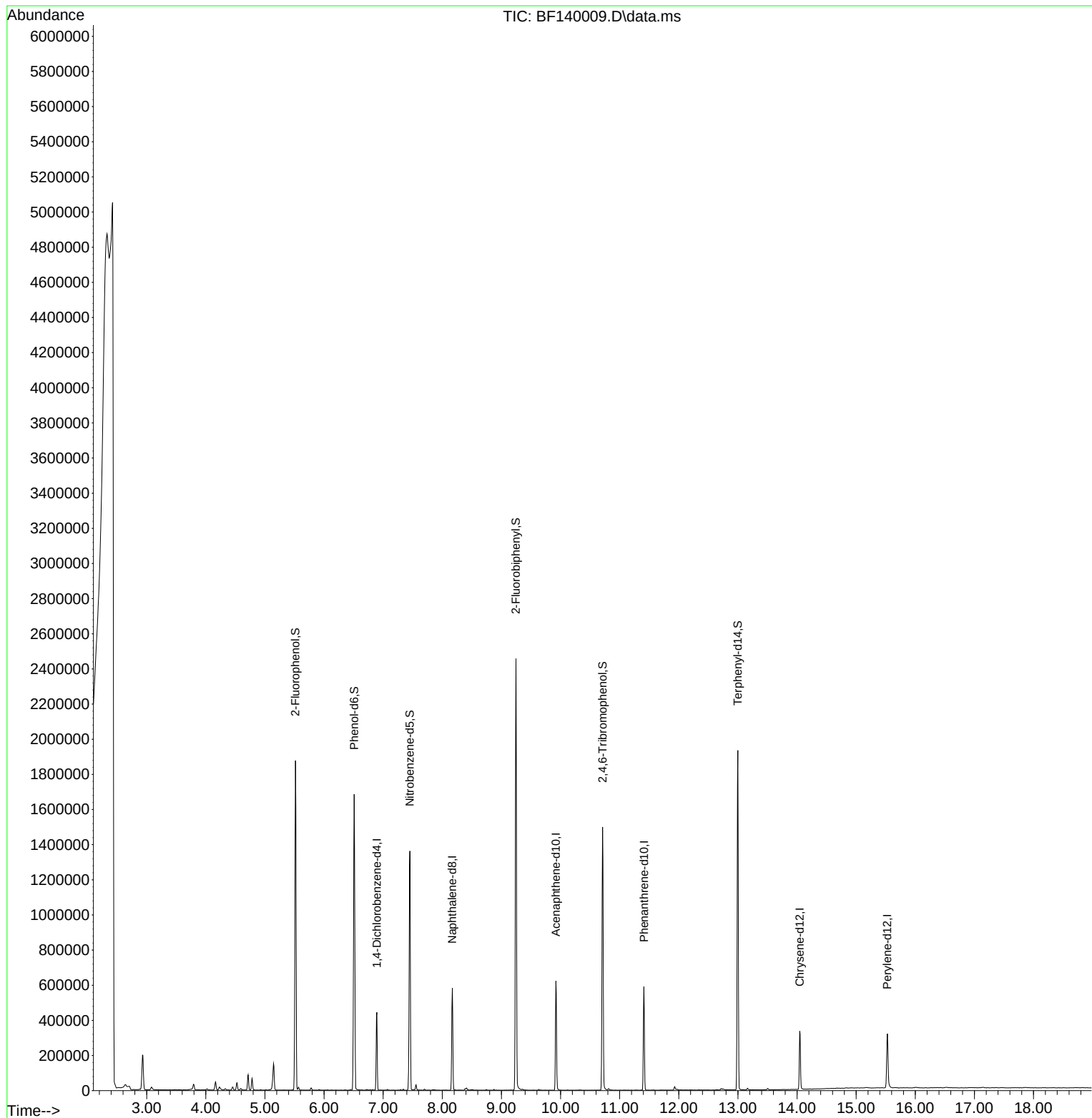
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

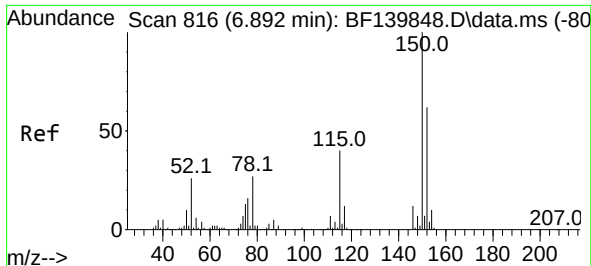
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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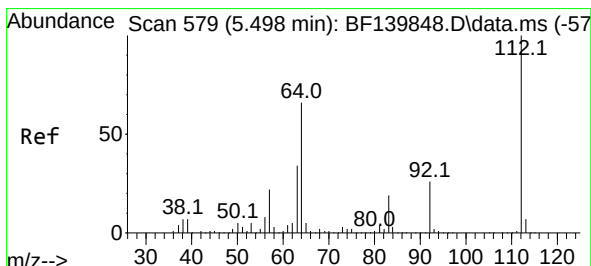
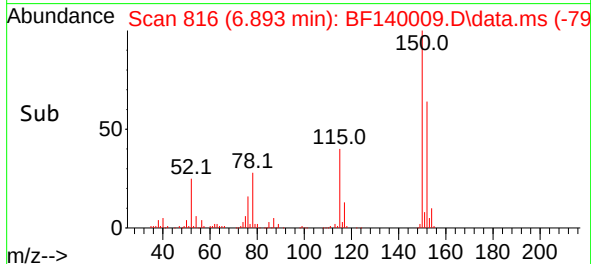
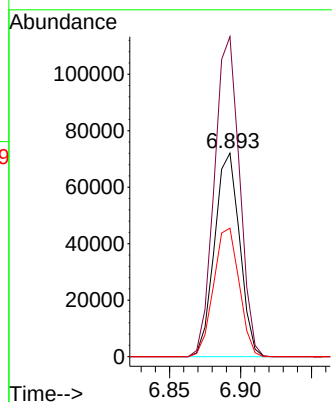
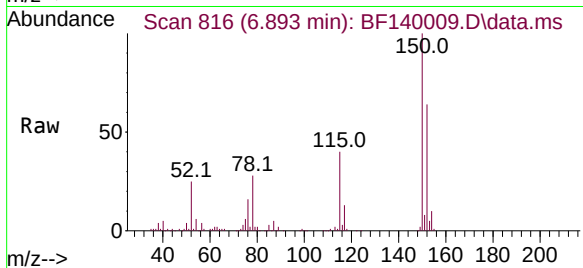




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.893 min Scan# 816  
Delta R.T. 0.001 min  
Lab File: BF140009.D  
Acq: 24 Oct 2024 19:11

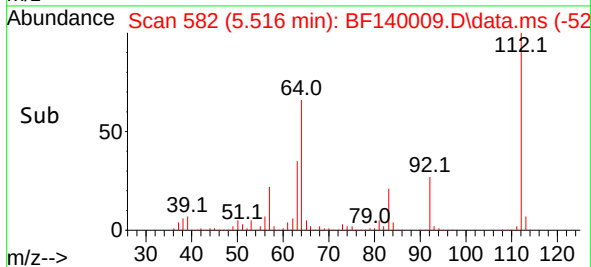
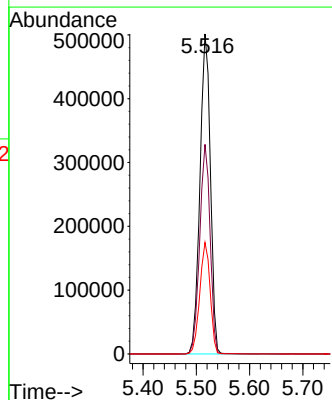
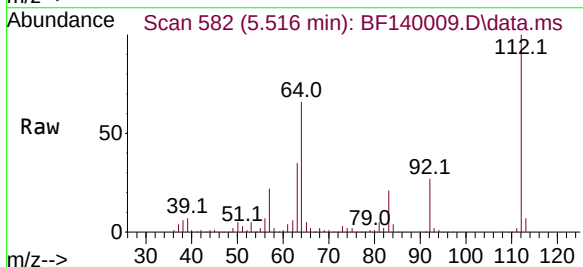
Instrument :  
BNA\_F  
ClientSampleId :  
BP-F-6

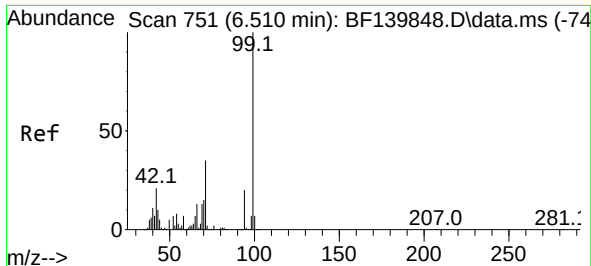
Tgt Ion:152 Resp: 88507  
Ion Ratio Lower Upper  
152 100  
150 157.3 130.2 195.2  
115 63.2 51.4 77.2



#5  
2-Fluorophenol  
Concen: 121.096 ng  
RT: 5.516 min Scan# 582  
Delta R.T. 0.018 min  
Lab File: BF140009.D  
Acq: 24 Oct 2024 19:11

Tgt Ion:112 Resp: 684634  
Ion Ratio Lower Upper  
112 100  
64 65.5 53.0 79.6  
63 34.9 27.0 40.4

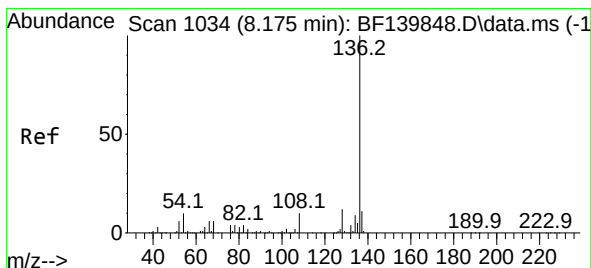
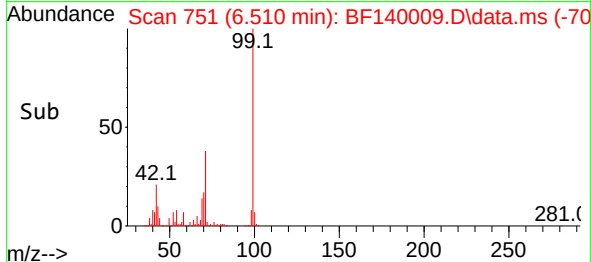
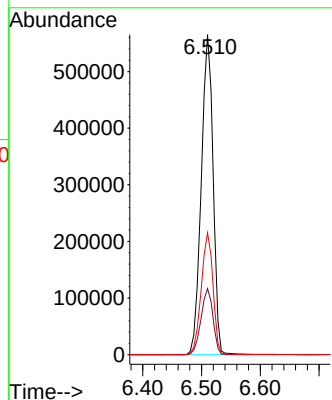
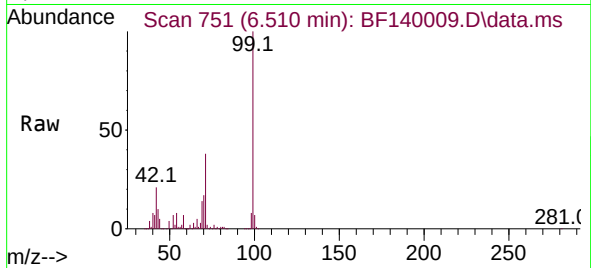




#7  
Phenol-d6  
Concen: 108.150 ng  
RT: 6.510 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF140009.D  
Acq: 24 Oct 2024 19:11

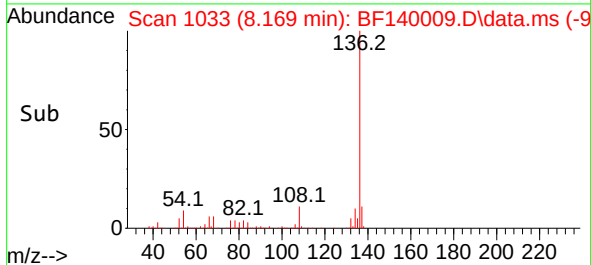
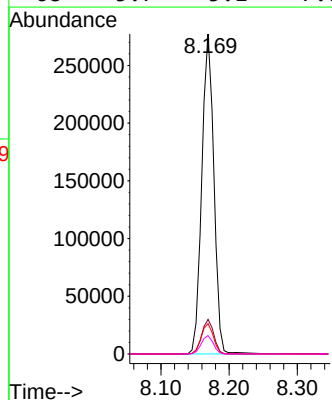
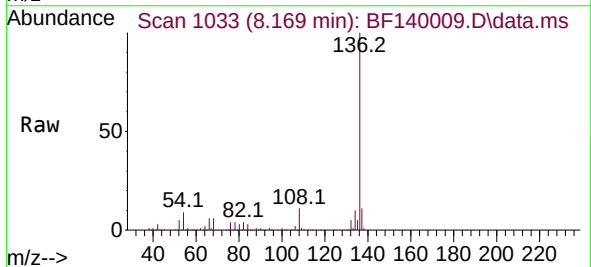
Instrument :  
BNA\_F  
ClientSampleId :  
BP-F-6

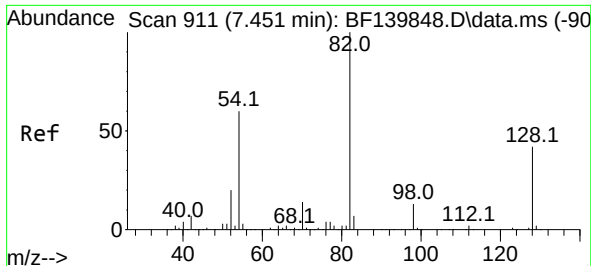
Tgt Ion: 99 Resp: 791913  
Ion Ratio Lower Upper  
99 100  
42 20.7 16.7 25.1  
71 38.1 27.7 41.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1033  
Delta R.T. -0.006 min  
Lab File: BF140009.D  
Acq: 24 Oct 2024 19:11

Tgt Ion: 136 Resp: 342087  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 12.8  
54 9.5 8.4 12.6  
68 5.7 5.1 7.7

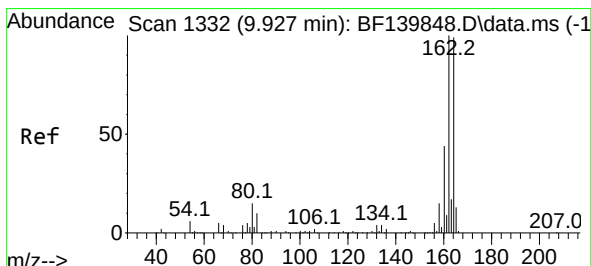
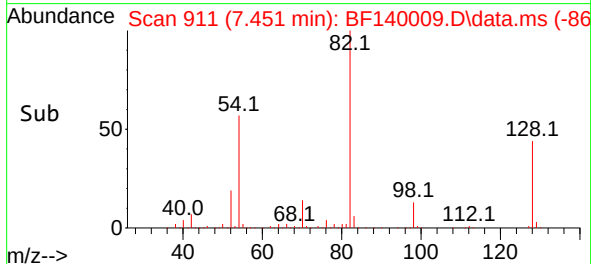
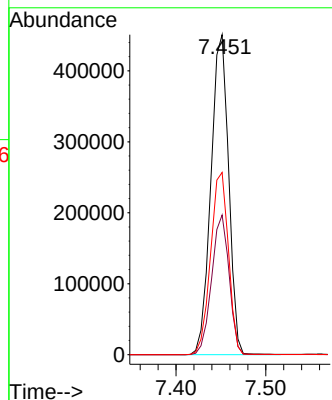
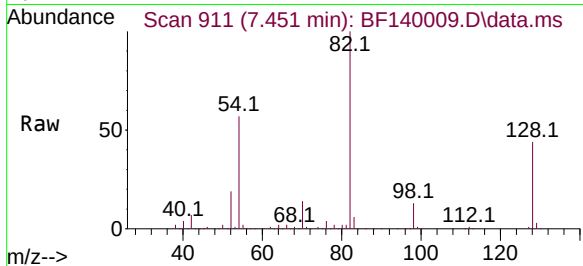




#23  
Nitrobenzene-d5  
Concen: 100.026 ng  
RT: 7.451 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: BF140009.D  
Acq: 24 Oct 2024 19:11

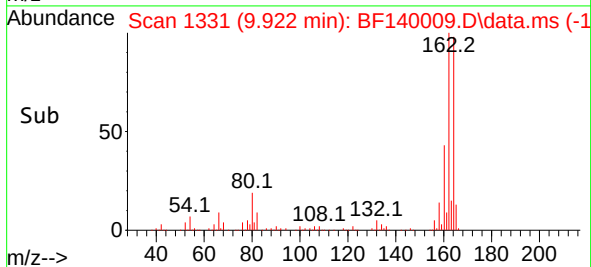
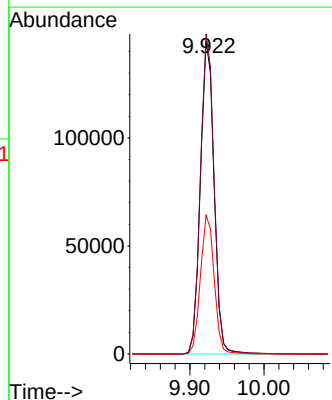
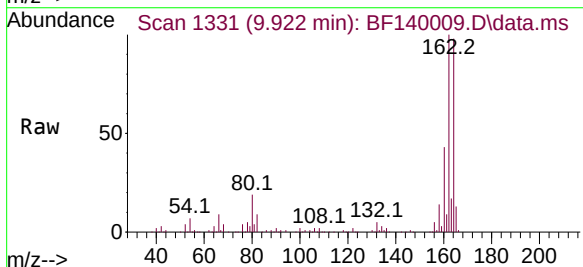
Instrument :  
BNA\_F  
ClientSampleId :  
BP-F-6

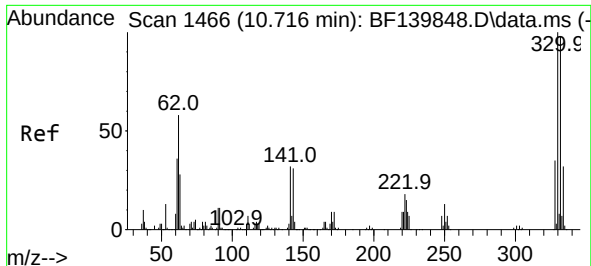
Tgt Ion: 82 Resp: 617383  
Ion Ratio Lower Upper  
82 100  
128 43.6 33.4 50.0  
54 56.9 47.8 71.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.922 min Scan# 1331  
Delta R.T. -0.005 min  
Lab File: BF140009.D  
Acq: 24 Oct 2024 19:11

Tgt Ion:164 Resp: 184966  
Ion Ratio Lower Upper  
164 100  
162 102.3 81.0 121.4  
160 44.3 35.4 53.0

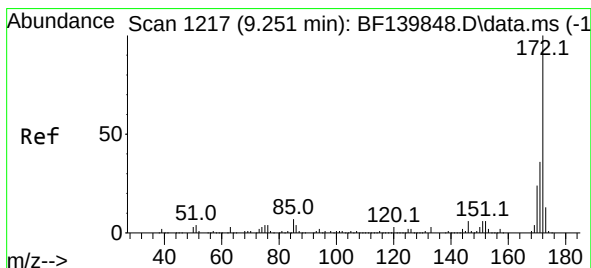
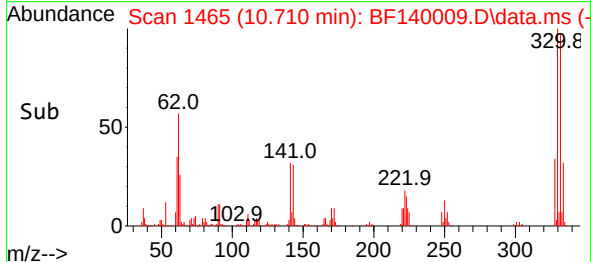
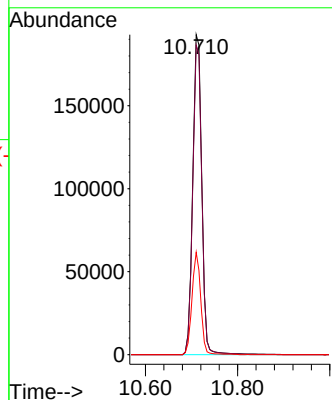
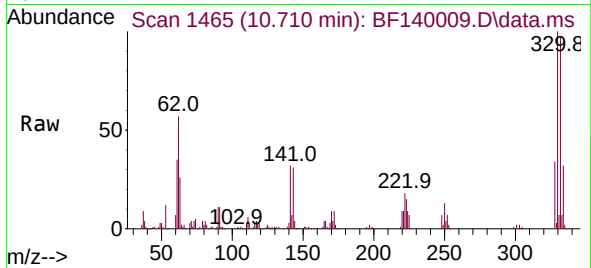




#42  
 2,4,6-Tribromophenol  
 Concen: 151.287 ng  
 RT: 10.710 min Scan# 1465  
 Delta R.T. -0.006 min  
 Lab File: BF140009.D  
 Acq: 24 Oct 2024 19:11

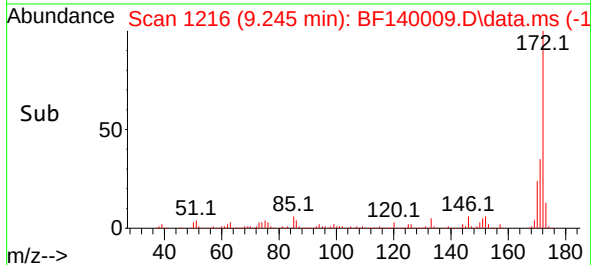
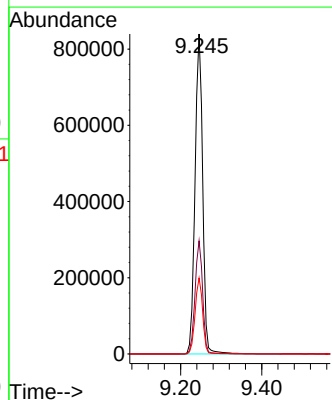
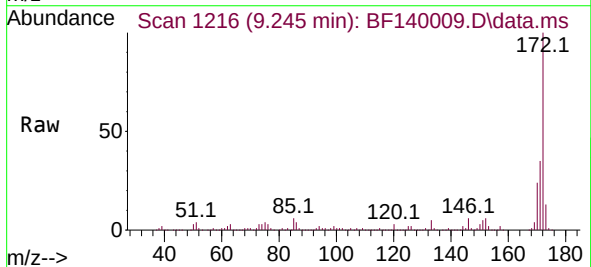
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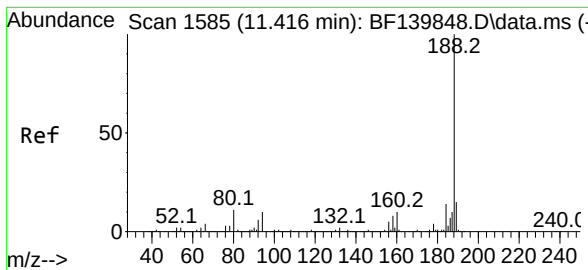
Tgt Ion:330 Resp: 261744  
 Ion Ratio Lower Upper  
 330 100  
 332 96.8 78.1 117.1  
 141 31.1 26.6 39.8



#45  
 2-Fluorobiphenyl  
 Concen: 98.518 ng  
 RT: 9.245 min Scan# 1216  
 Delta R.T. -0.006 min  
 Lab File: BF140009.D  
 Acq: 24 Oct 2024 19:11

Tgt Ion:172 Resp: 1102589  
 Ion Ratio Lower Upper  
 172 100  
 171 35.3 28.6 43.0  
 170 23.7 19.1 28.7

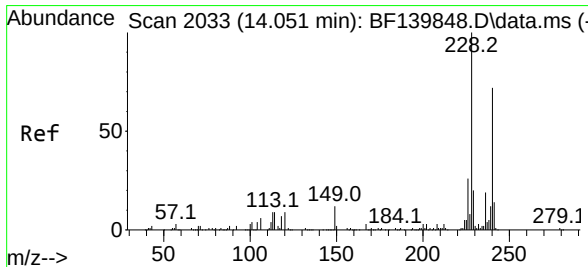
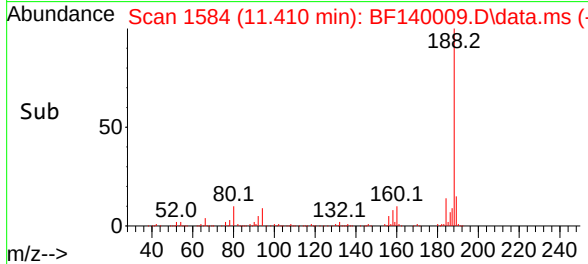
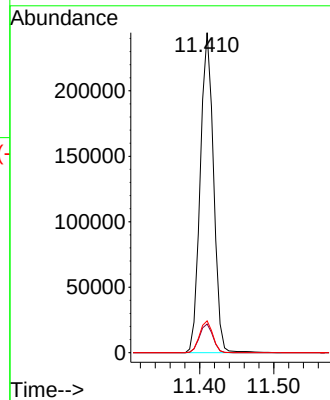
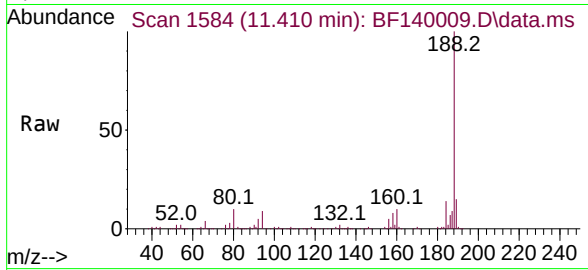




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF140009.D  
Acq: 24 Oct 2024 19:11

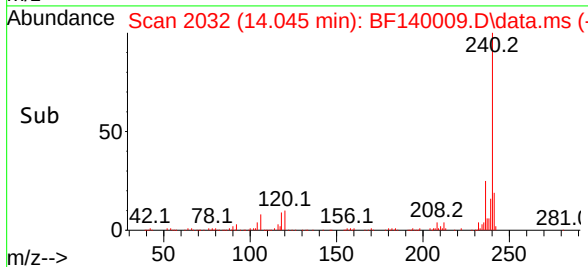
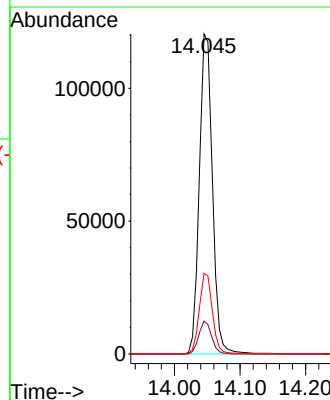
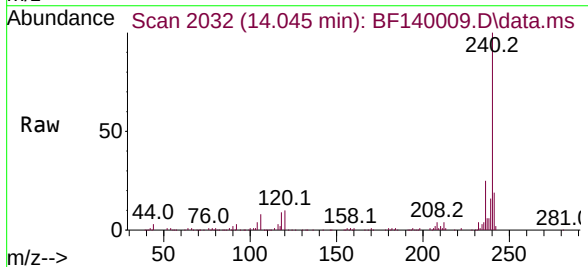
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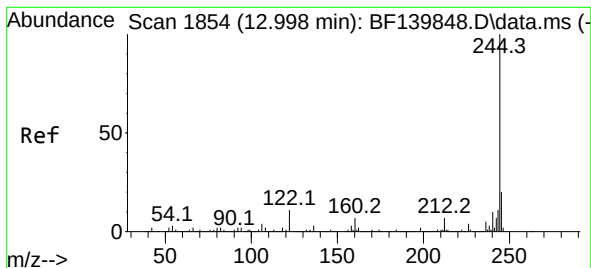
Tgt Ion:188 Resp: 304196  
Ion Ratio Lower Upper  
188 100  
94 9.0 7.9 11.9  
80 9.9 9.0 13.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.045 min Scan# 2032  
Delta R.T. -0.006 min  
Lab File: BF140009.D  
Acq: 24 Oct 2024 19:11

Tgt Ion:240 Resp: 168351  
Ion Ratio Lower Upper  
240 100  
120 10.3 9.4 14.2  
236 25.2 20.9 31.3





#79

Terphenyl-d14

Concen: 93.801 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140009.D

Acq: 24 Oct 2024 19:11

Instrument :

BNA\_F

ClientSampleId :

BP-F-6

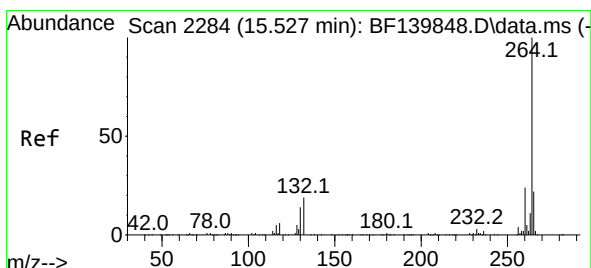
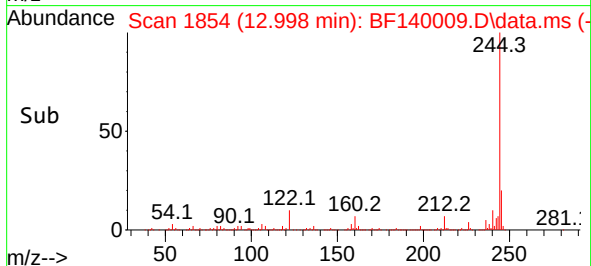
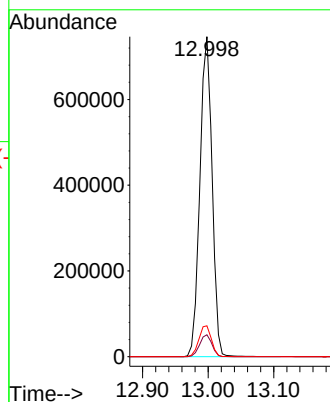
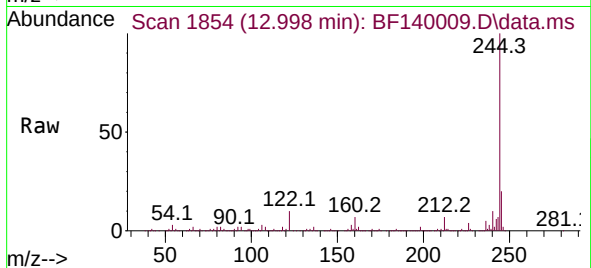
Tgt Ion:244 Resp: 969115

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 9.7 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: BF140009.D

Acq: 24 Oct 2024 19:11

Tgt Ion:264 Resp: 201242

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 21.5 17.4 26.0

