

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120924\  
 Data File : BF140790.D  
 Acq On : 09 Dec 2024 15:29  
 Operator : RC/JU  
 Sample : P5117-02  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TAPIAL2-IDW-SOIL-120424-00-T2

Quant Time: Dec 09 16:50:06 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  | 73927    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.145  | 136  | 273491   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.898  | 164  | 145627   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 11.392 | 188  | 269317   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 14.045 | 240  | 149997   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.551 | 264  | 152646   | 20.000  | ng    | 0.01     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.510  | 112  | 552001   | 127.400 | ng    | 0.01     |
| 7) Phenol-d6                | 6.510  | 99   | 667523   | 116.535 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.428  | 82   | 477264   | 89.261  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.698 | 330  | 215076   | 138.091 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.216  | 172  | 917382   | 93.859  | ng    | -0.02    |
| 79) Terphenyl-d14           | 12.980 | 244  | 897296   | 93.149  | ng    | -0.01    |

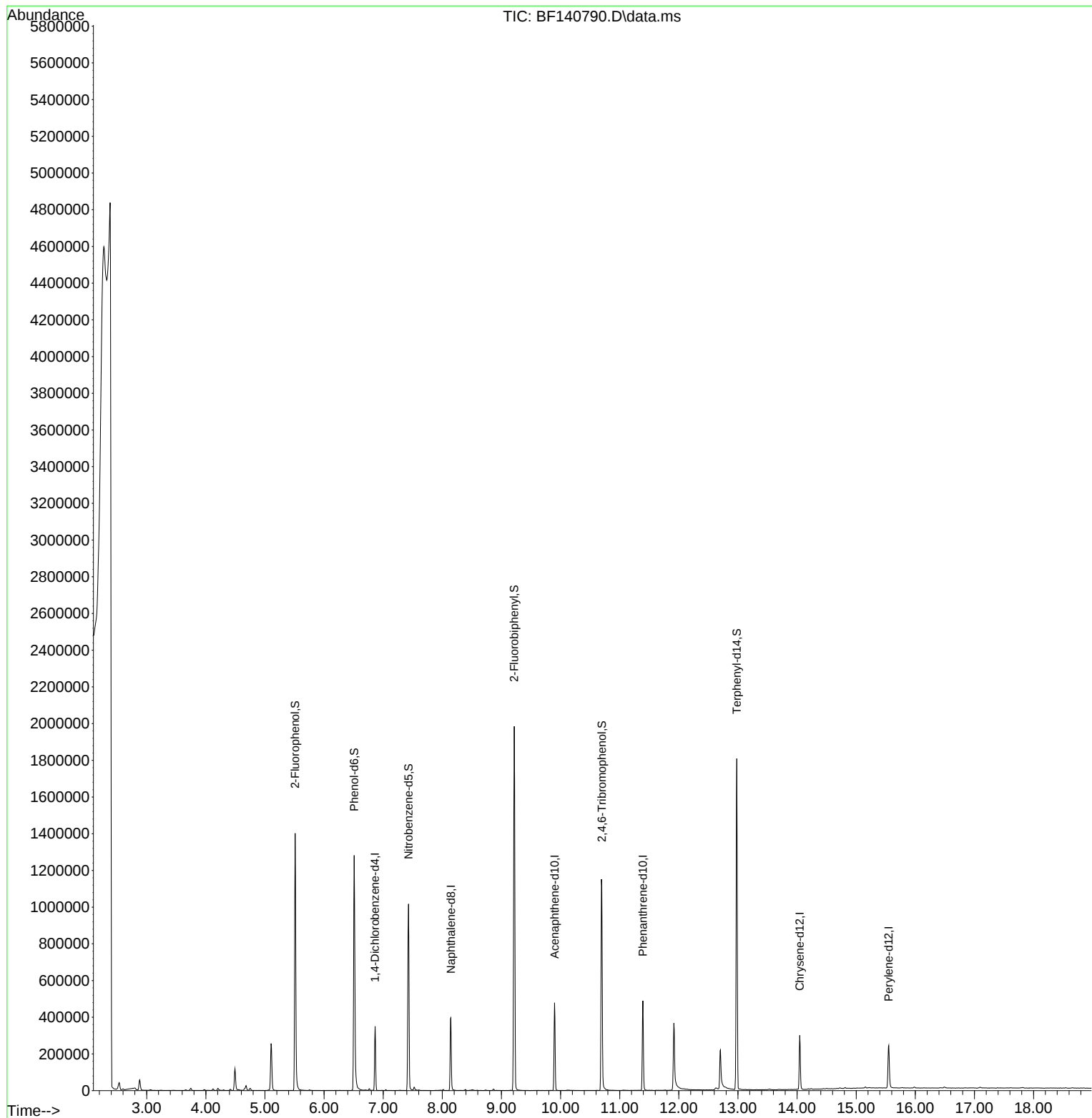
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120924\  
Data File : BF140790.D  
Acq On : 09 Dec 2024 15:29  
Operator : RC/JU  
Sample : P5117-02  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TAPIAL2-IDW-SOIL-120424-00-T2

Quant Time: Dec 09 16:50:06 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

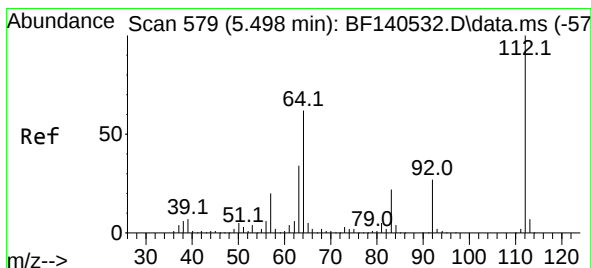
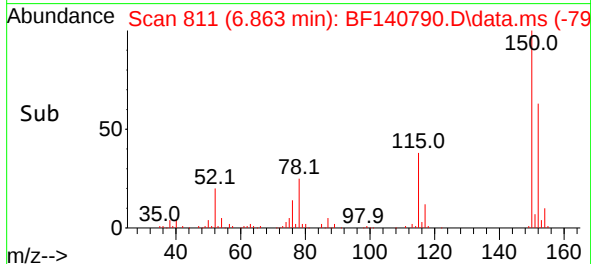
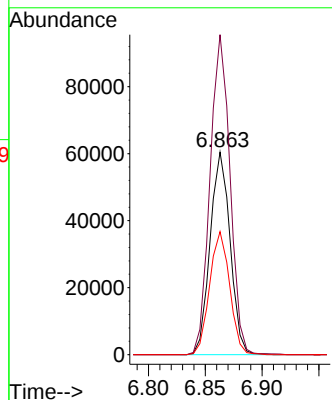
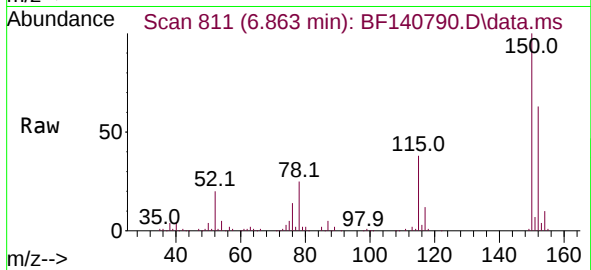




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.863 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF140790.D  
Acq: 09 Dec 2024 15:29

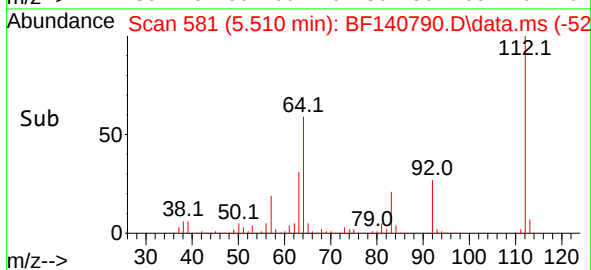
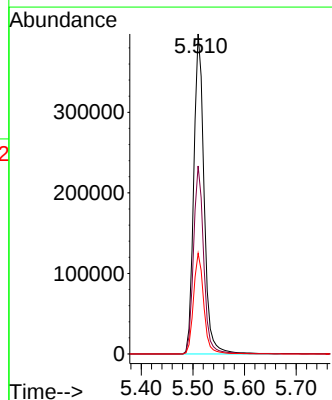
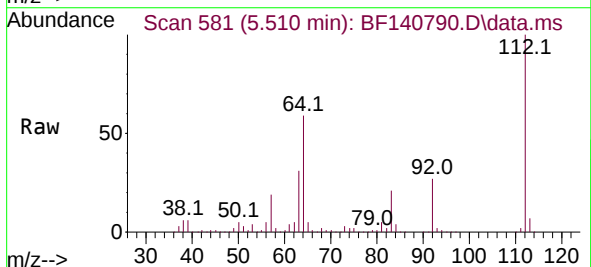
Instrument :  
BNA\_F  
ClientSampleId :  
TAPIAL2-IDW-SOIL-120424-00-T2

Tgt Ion:152 Resp: 73927  
Ion Ratio Lower Upper  
152 100  
150 157.9 128.5 192.7  
115 60.7 50.2 75.4



#5  
2-Fluorophenol  
Concen: 127.400 ng  
RT: 5.510 min Scan# 581  
Delta R.T. 0.012 min  
Lab File: BF140790.D  
Acq: 09 Dec 2024 15:29

Tgt Ion:112 Resp: 552001  
Ion Ratio Lower Upper  
112 100  
64 58.8 49.2 73.8  
63 31.5 27.0 40.4

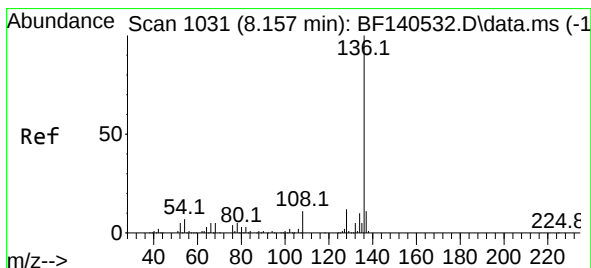
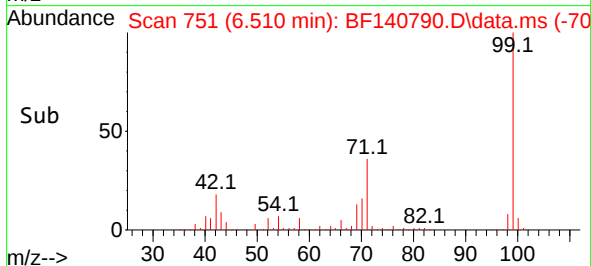
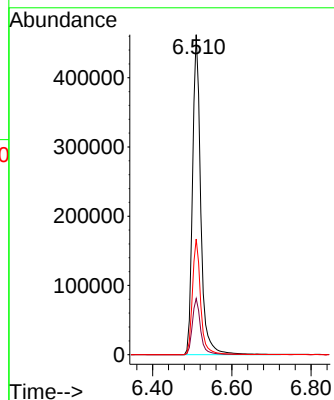
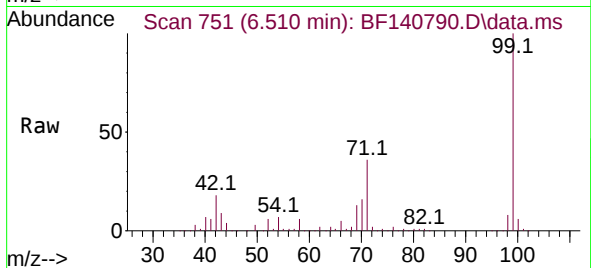




#7  
Phenol-d6  
Concen: 116.535 ng  
RT: 6.510 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF140790.D  
Acq: 09 Dec 2024 15:29

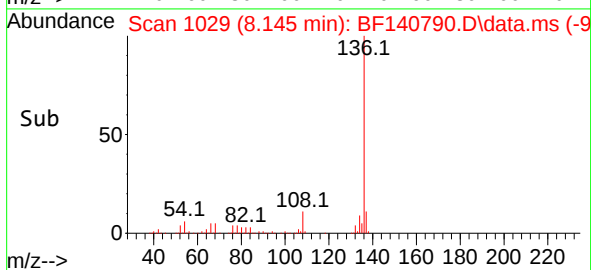
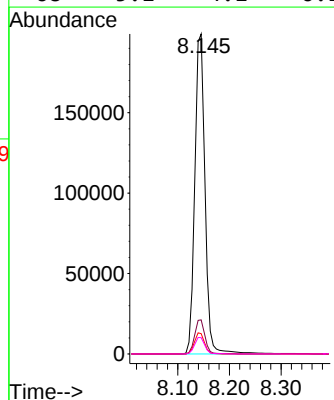
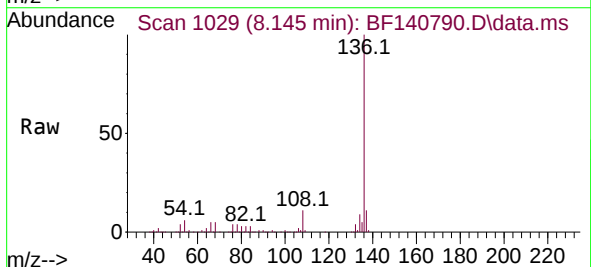
Instrument :  
BNA\_F  
ClientSampleId :  
TAPIAL2-IDW-SOIL-120424-00-T2

Tgt Ion: 99 Resp: 667523  
Ion Ratio Lower Upper  
99 100  
42 17.5 15.4 23.0  
71 36.2 30.6 46.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.145 min Scan# 1029  
Delta R.T. -0.012 min  
Lab File: BF140790.D  
Acq: 09 Dec 2024 15:29

Tgt Ion: 136 Resp: 273491  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.6 13.0  
54 6.3 5.8 8.8  
68 5.1 4.1 6.1

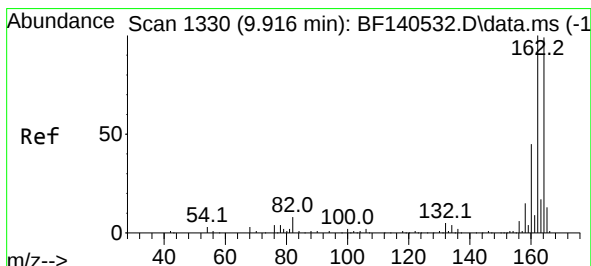
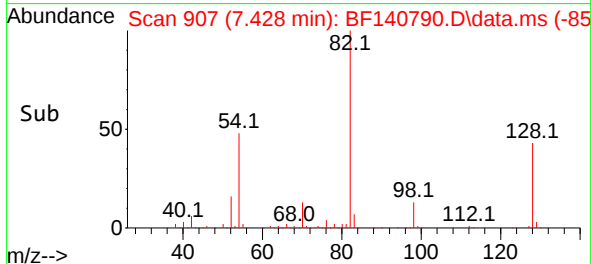
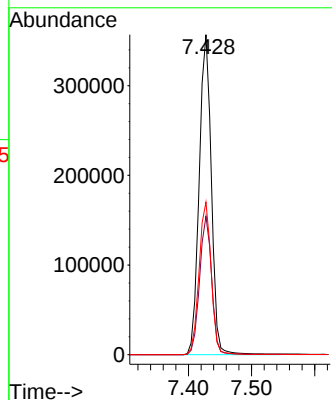
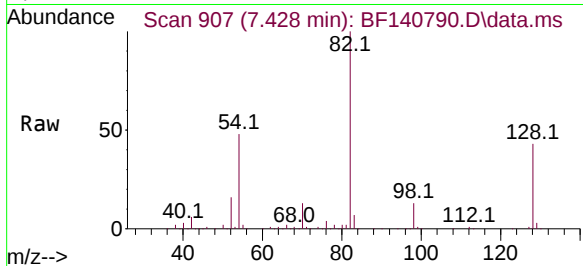




#23  
Nitrobenzene-d5  
Concen: 89.261 ng  
RT: 7.428 min Scan# 909  
Delta R.T. -0.012 min  
Lab File: BF140790.D  
Acq: 09 Dec 2024 15:29

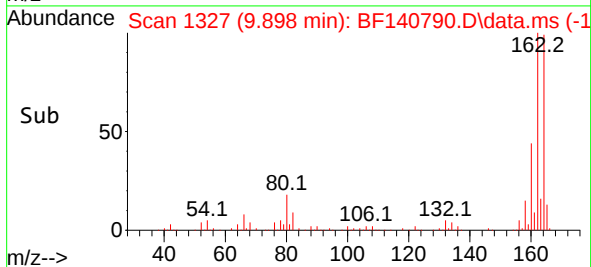
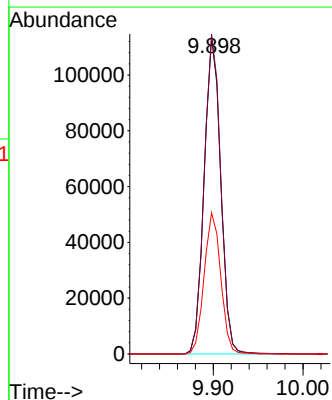
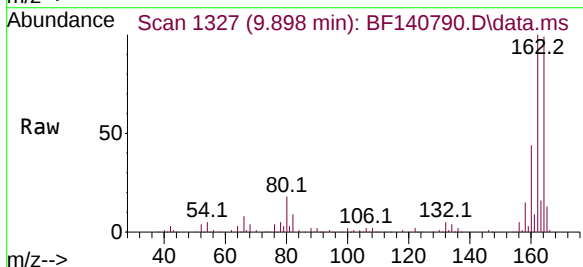
Instrument :  
BNA\_F  
ClientSampleId :  
TAPIAL2-IDW-SOIL-120424-00-T2

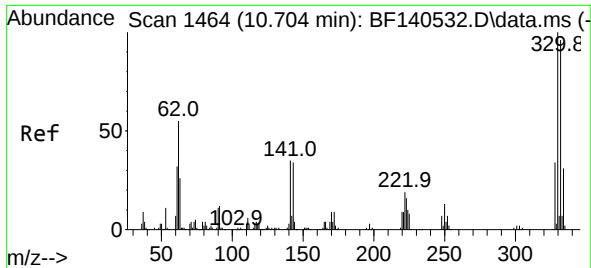
Tgt Ion: 82 Resp: 477264  
Ion Ratio Lower Upper  
82 100  
128 43.3 33.0 49.4  
54 47.6 39.5 59.3



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.898 min Scan# 1327  
Delta R.T. -0.018 min  
Lab File: BF140790.D  
Acq: 09 Dec 2024 15:29

Tgt Ion:164 Resp: 145627  
Ion Ratio Lower Upper  
164 100  
162 101.1 80.6 120.8  
160 44.6 36.2 54.4

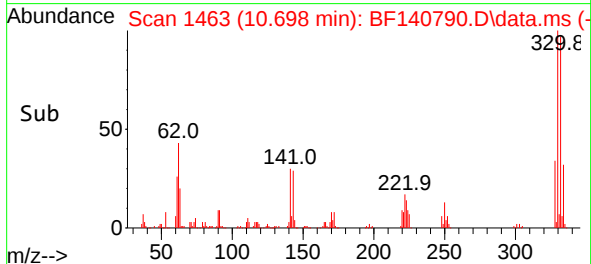
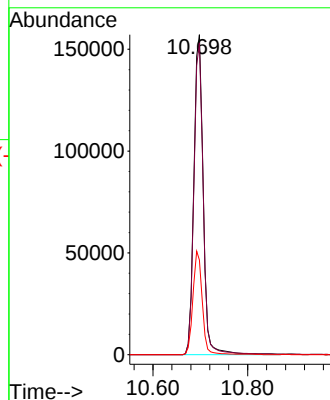
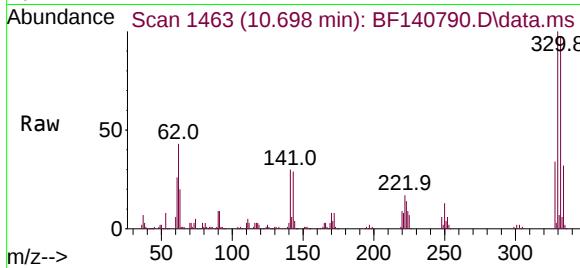




#42  
2,4,6-Tribromophenol  
Concen: 138.091 ng  
RT: 10.698 min Scan# 1463  
Delta R.T. -0.006 min  
Lab File: BF140790.D  
Acq: 09 Dec 2024 15:29

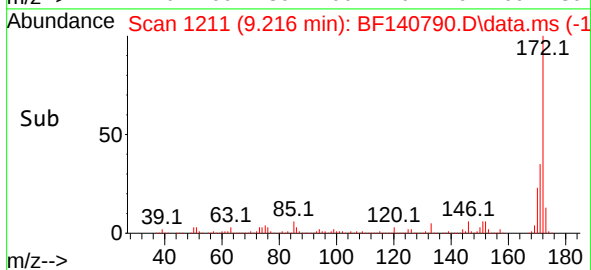
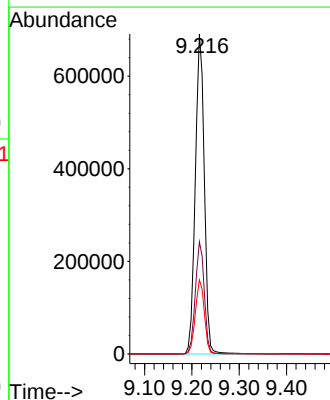
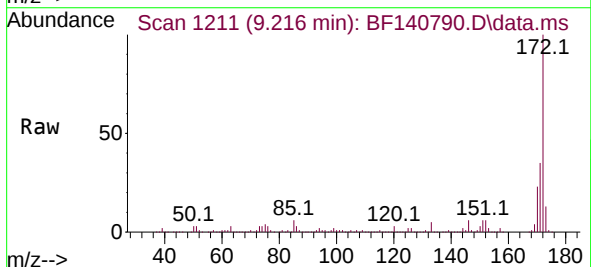
Instrument :  
BNA\_F  
ClientSampleId :  
TAPIAL2-IDW-SOIL-120424-00-T2

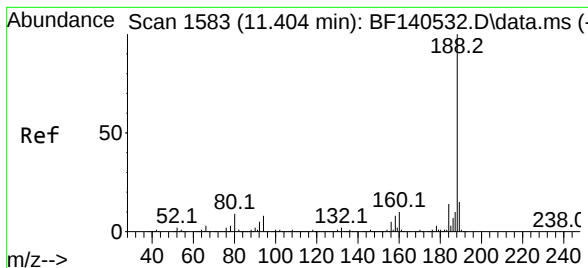
Tgt Ion:330 Resp: 215076  
Ion Ratio Lower Upper  
330 100  
332 97.3 76.9 115.3  
141 32.2 26.7 40.1



#45  
2-Fluorobiphenyl  
Concen: 93.859 ng  
RT: 9.216 min Scan# 1211  
Delta R.T. -0.018 min  
Lab File: BF140790.D  
Acq: 09 Dec 2024 15:29

Tgt Ion:172 Resp: 917382  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.4 42.6  
170 23.1 19.0 28.6

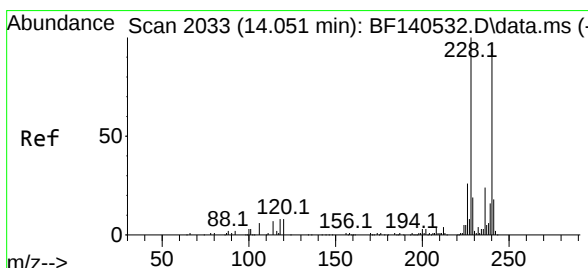
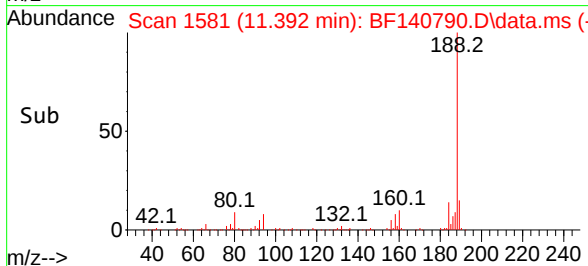
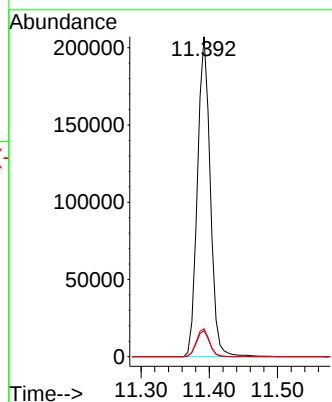
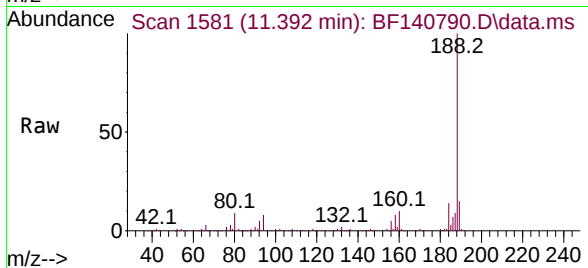




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.392 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF140790.D  
Acq: 09 Dec 2024 15:29

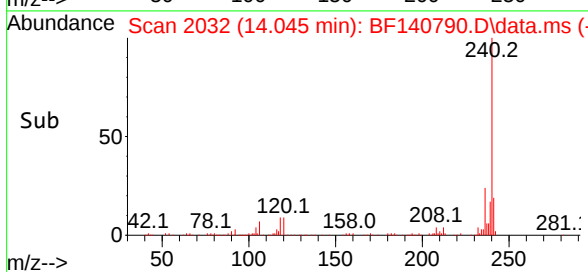
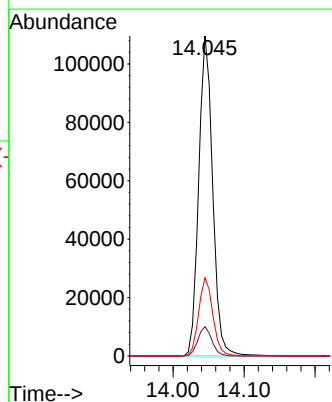
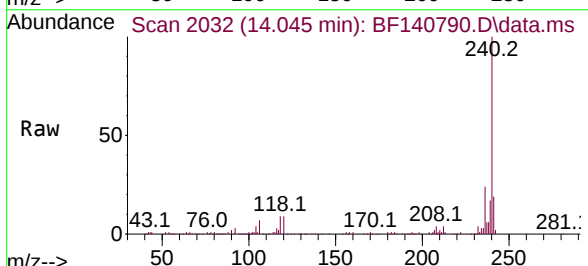
Instrument :  
BNA\_F  
ClientSampleId :  
TAPIAL2-IDW-SOIL-120424-00-T2

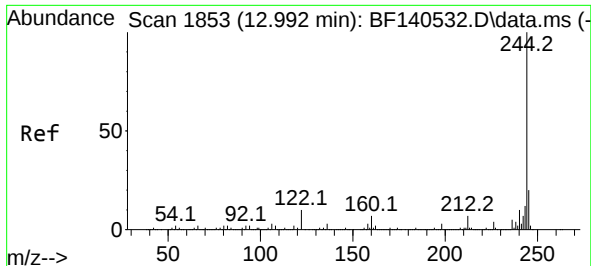
Tgt Ion:188 Resp: 269317  
Ion Ratio Lower Upper  
188 100  
94 8.1 6.4 9.6  
80 8.8 6.9 10.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.045 min Scan# 2032  
Delta R.T. -0.006 min  
Lab File: BF140790.D  
Acq: 09 Dec 2024 15:29

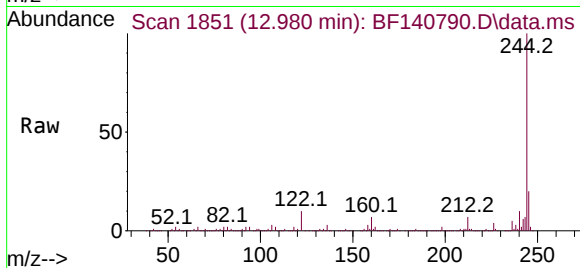
Tgt Ion:240 Resp: 149997  
Ion Ratio Lower Upper  
240 100  
120 9.2 7.3 10.9  
236 24.4 20.6 31.0



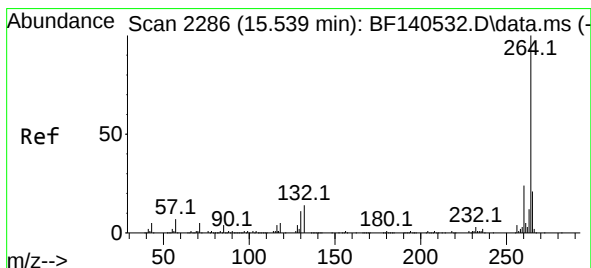
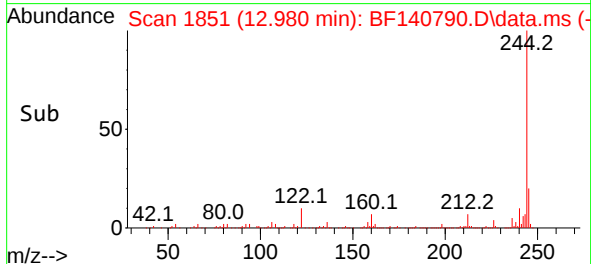
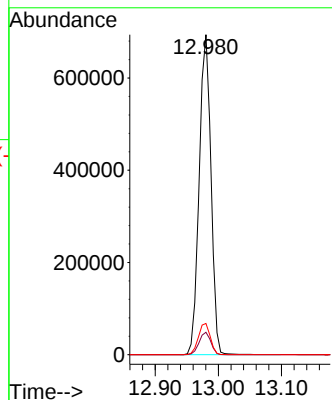


#79  
Terphenyl-d14  
Concen: 93.149 ng  
RT: 12.980 min Scan# 1851  
Delta R.T. -0.012 min  
Lab File: BF140790.D  
Acq: 09 Dec 2024 15:29

Instrument :  
BNA\_F  
ClientSampleId :  
TAPIAL2-IDW-SOIL-120424-00-T2



Tgt Ion:244 Resp: 897296  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.8 8.8  
122 9.8 8.0 12.0



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.551 min Scan# 2288  
Delta R.T. 0.012 min  
Lab File: BF140790.D  
Acq: 09 Dec 2024 15:29

Tgt Ion:264 Resp: 152646  
Ion Ratio Lower Upper  
264 100  
260 23.3 19.0 28.6  
265 21.0 16.6 25.0

