

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121124\  
 Data File : BF140825.D  
 Acq On : 11 Dec 2024 13:23  
 Operator : RC/JU  
 Sample : PB165470TB  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB165470TB

Quant Time: Dec 11 14:51:58 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   | 6.857  | 152  | 68358    | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8          | 8.140  | 136  | 259529   | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10        | 9.898  | 164  | 162302   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 11.392 | 188  | 323622   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 14.045 | 240  | 156114   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.551 | 264  | 124475   | 20.000  | ng    | 0.01     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.510  | 112  | 534960   | 133.525 | ng    | 0.01     |
| 7) Phenol-d6                | 6.510  | 99   | 706248   | 133.340 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.422  | 82   | 462382   | 91.130  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.692 | 330  | 242877   | 139.920 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.216  | 172  | 952401   | 87.431  | ng    | -0.02    |
| 79) Terphenyl-d14           | 12.980 | 244  | 1088256  | 108.546 | ng    | -0.01    |

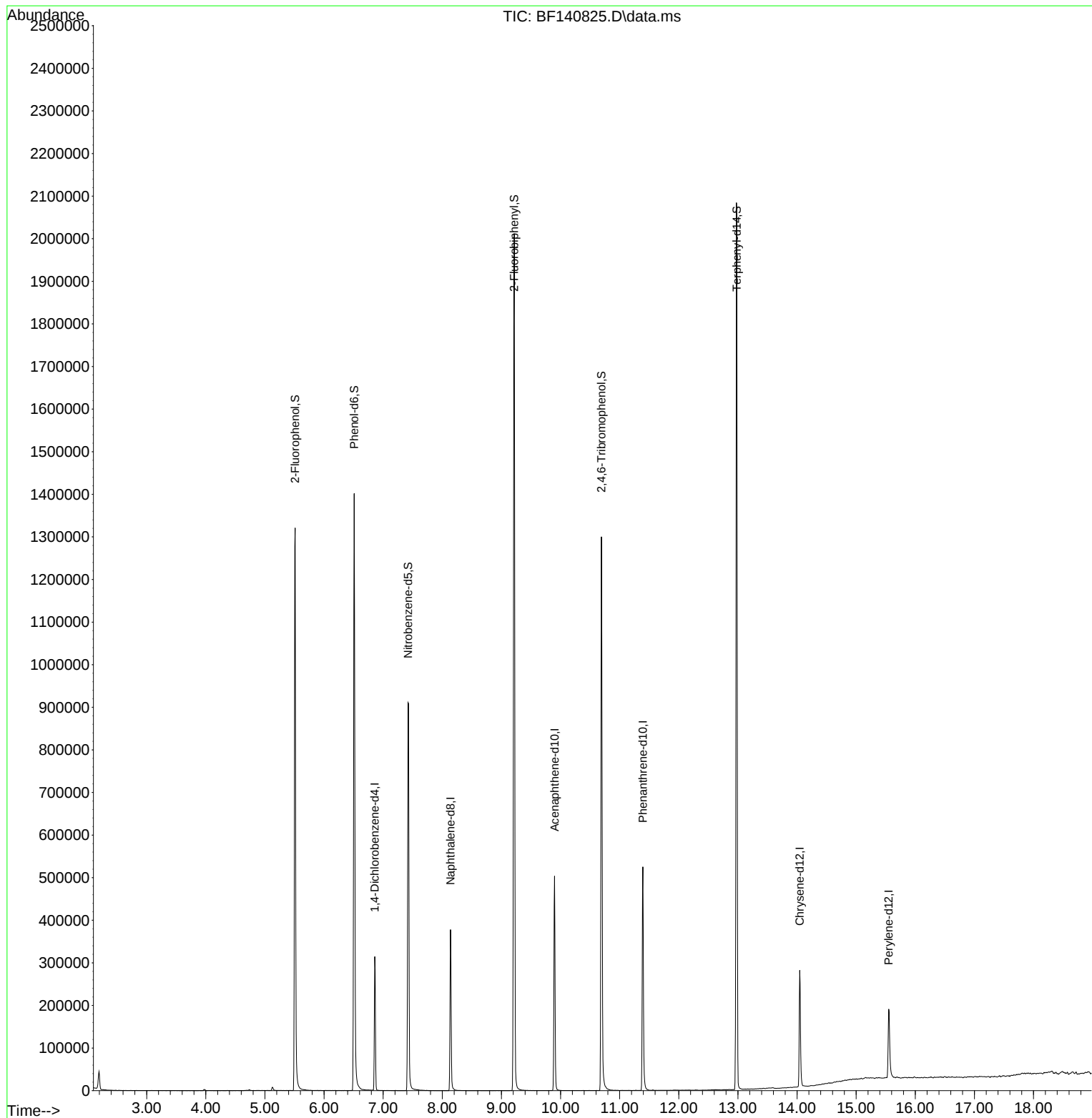
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112124.M  
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QLast Update : Thu Nov 21 15:23:48 2024  
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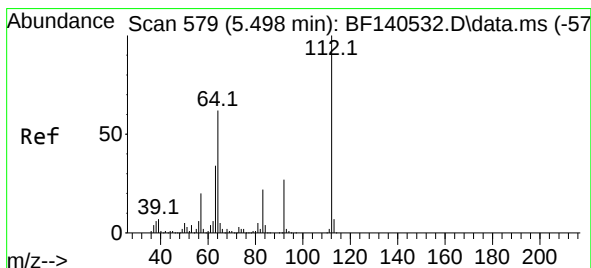
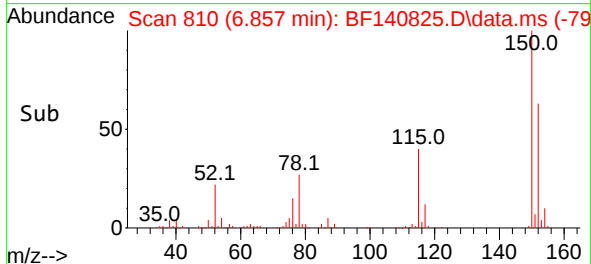
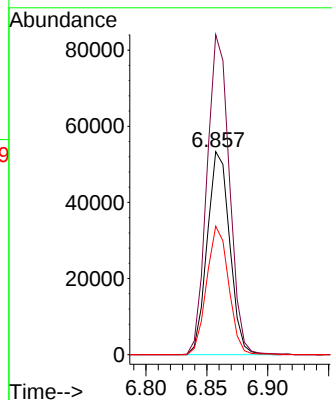
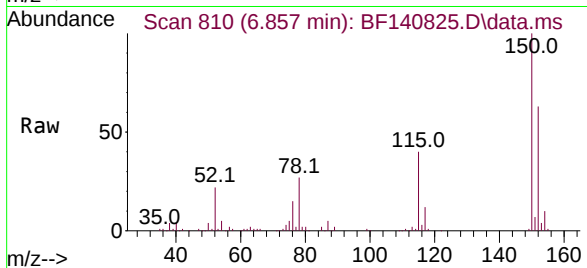




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.857 min Scan# 813  
Delta R.T. -0.018 min  
Lab File: BF140825.D  
Acq: 11 Dec 2024 13:23

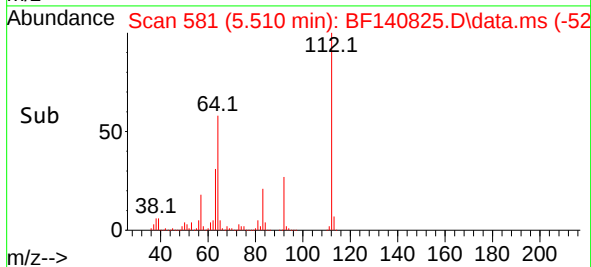
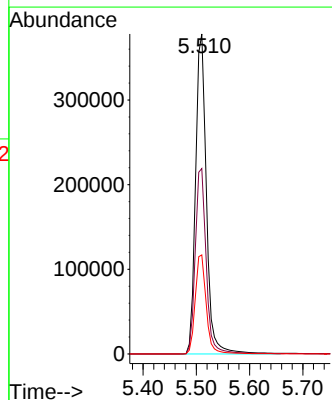
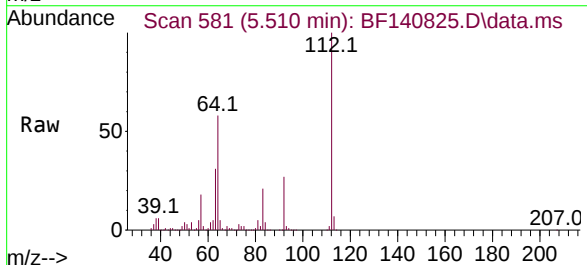
Instrument :  
BNA\_F  
ClientSampleId :  
PB165470TB

Tgt Ion:152 Resp: 68358  
Ion Ratio Lower Upper  
152 100  
150 157.6 128.5 192.7  
115 63.3 50.2 75.4



#5  
2-Fluorophenol  
Concen: 133.525 ng  
RT: 5.510 min Scan# 581  
Delta R.T. 0.012 min  
Lab File: BF140825.D  
Acq: 11 Dec 2024 13:23

Tgt Ion:112 Resp: 534960  
Ion Ratio Lower Upper  
112 100  
64 58.0 49.2 73.8  
63 31.0 27.0 40.4

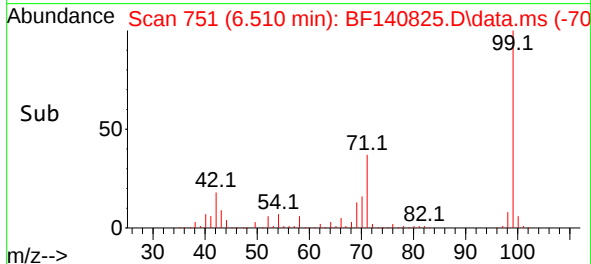
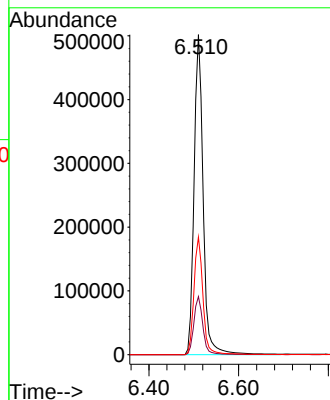
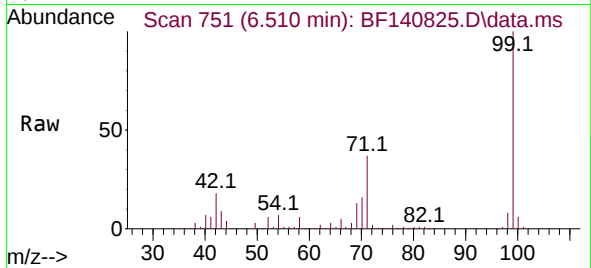




#7  
Phenol-d6  
Concen: 133.340 ng  
RT: 6.510 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF140825.D  
Acq: 11 Dec 2024 13:23

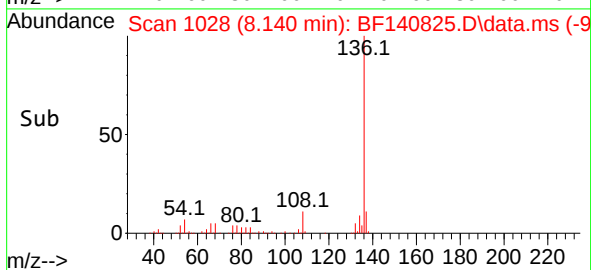
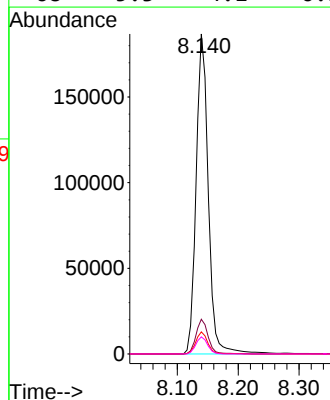
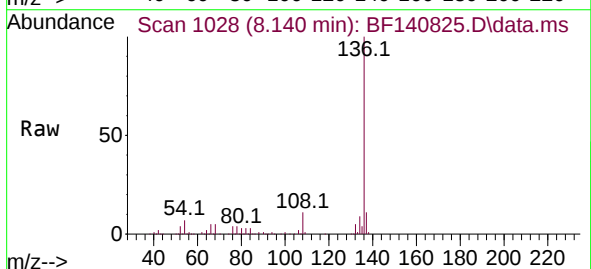
Instrument :  
BNA\_F  
ClientSampleId :  
PB165470TB

Tgt Ion: 99 Resp: 706248  
Ion Ratio Lower Upper  
99 100  
42 18.1 15.4 23.0  
71 36.8 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: BF140825.D  
Acq: 11 Dec 2024 13:23

Tgt Ion: 136 Resp: 259529  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 6.9 5.8 8.8  
68 5.3 4.1 6.1

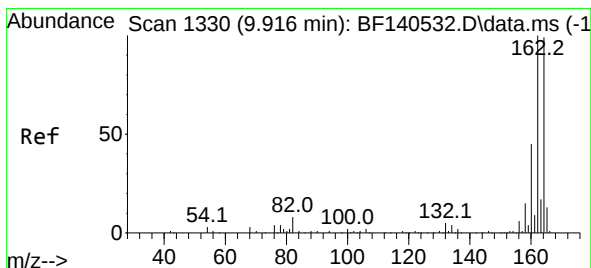
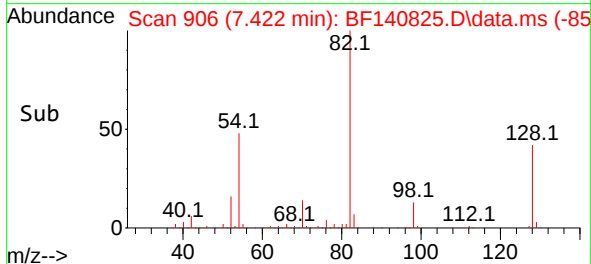
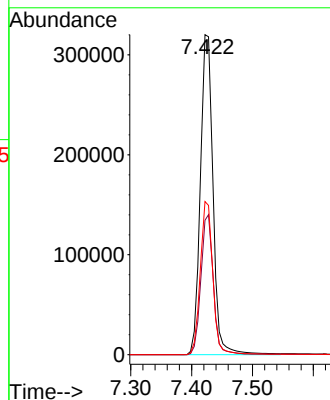
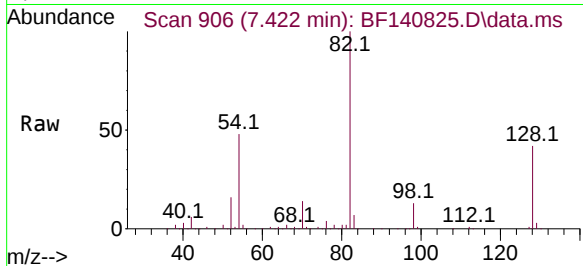




#23  
 Nitrobenzene-d5  
 Concen: 91.130 ng  
 RT: 7.422 min Scan# 909  
 Delta R.T. -0.018 min  
 Lab File: BF140825.D  
 Acq: 11 Dec 2024 13:23

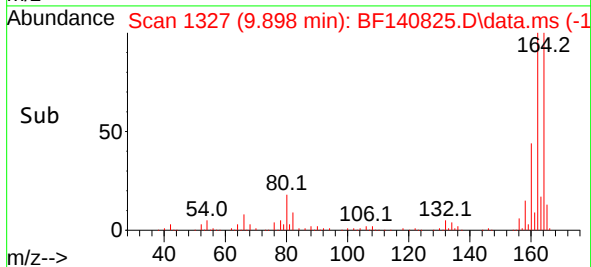
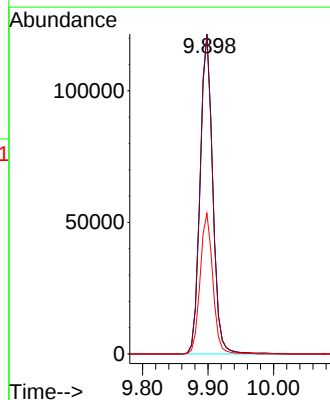
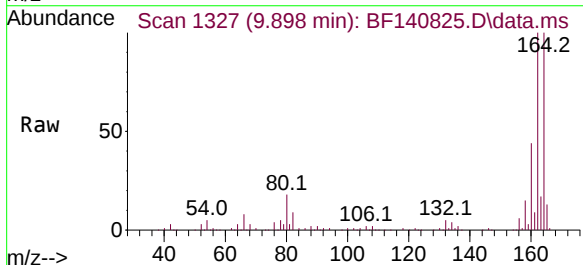
Instrument :  
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 ClientSampleId :  
 PB165470TB

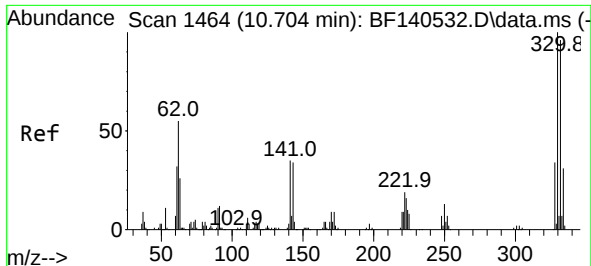
Tgt Ion: 82 Resp: 462382  
 Ion Ratio Lower Upper  
 82 100  
 128 42.0 33.0 49.4  
 54 47.8 39.5 59.3



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.898 min Scan# 1327  
 Delta R.T. -0.018 min  
 Lab File: BF140825.D  
 Acq: 11 Dec 2024 13:23

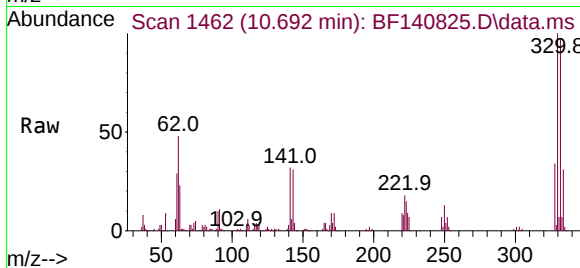
Tgt Ion:164 Resp: 162302  
 Ion Ratio Lower Upper  
 164 100  
 162 100.4 80.6 120.8  
 160 44.1 36.2 54.4



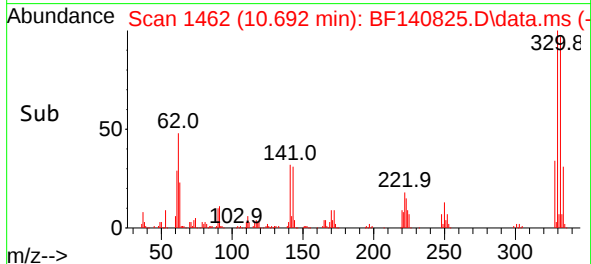
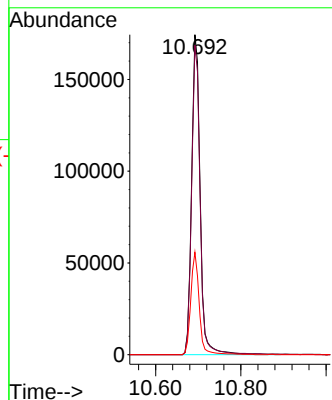


#42  
2,4,6-Tribromophenol  
Concen: 139.920 ng  
RT: 10.692 min Scan# 1462  
Delta R.T. -0.012 min  
Lab File: BF140825.D  
Acq: 11 Dec 2024 13:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB165470TB

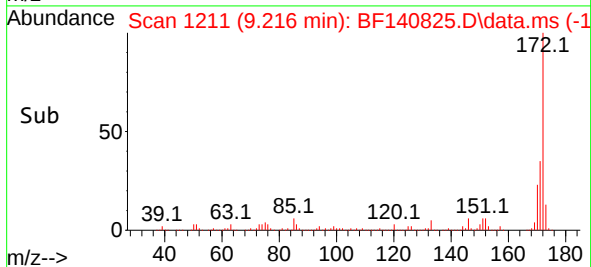
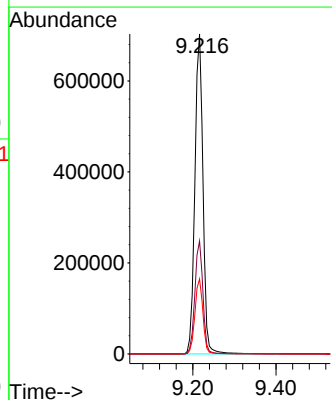
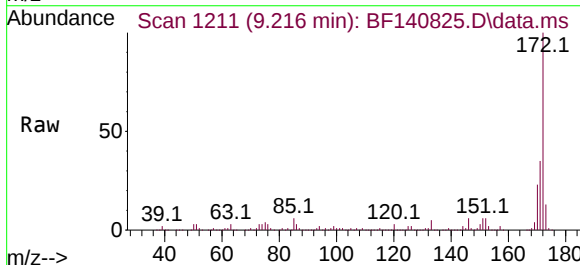


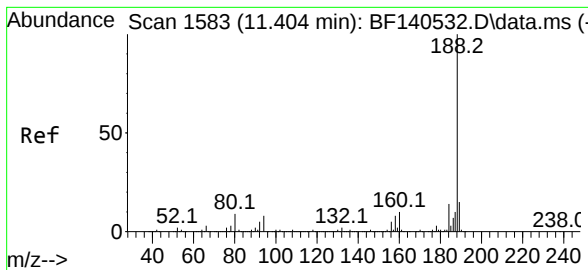
Tgt Ion:330 Resp: 242877  
Ion Ratio Lower Upper  
330 100  
332 95.9 76.9 115.3  
141 31.6 26.7 40.1



#45  
2-Fluorobiphenyl  
Concen: 87.431 ng  
RT: 9.216 min Scan# 1211  
Delta R.T. -0.018 min  
Lab File: BF140825.D  
Acq: 11 Dec 2024 13:23

Tgt Ion:172 Resp: 952401  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.4 42.6  
170 23.5 19.0 28.6

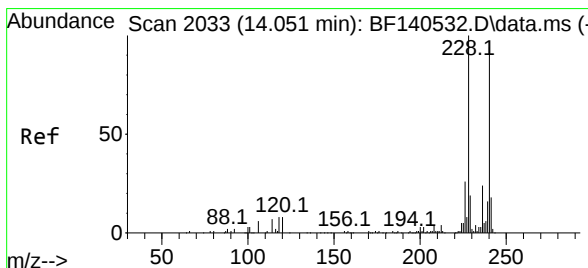
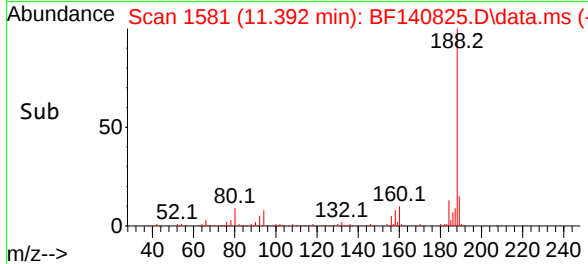
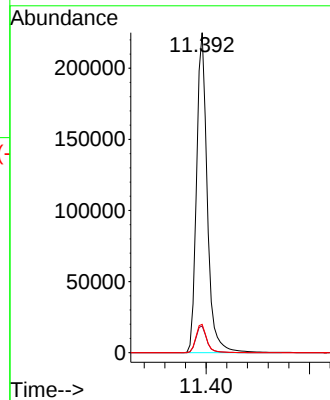
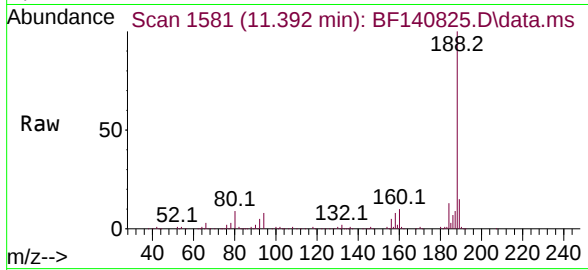




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.392 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF140825.D  
Acq: 11 Dec 2024 13:23

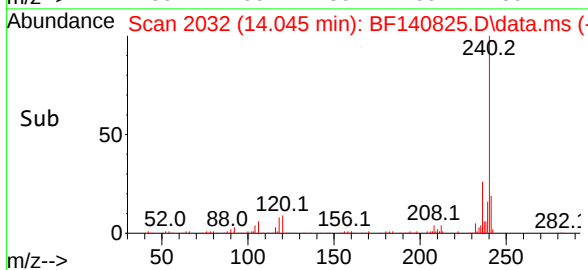
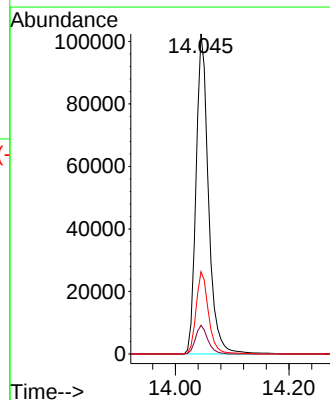
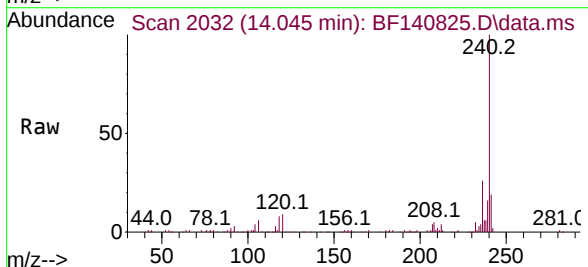
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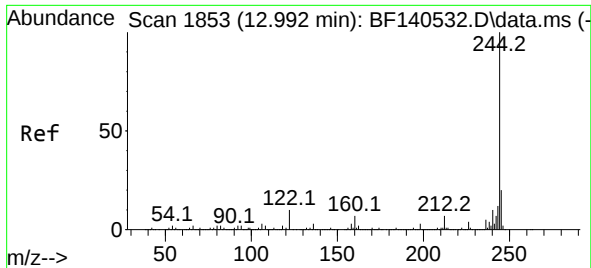
Tgt Ion:188 Resp: 323622  
Ion Ratio Lower Upper  
188 100  
94 8.3 6.4 9.6  
80 8.8 6.9 10.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.045 min Scan# 2032  
Delta R.T. -0.006 min  
Lab File: BF140825.D  
Acq: 11 Dec 2024 13:23

Tgt Ion:240 Resp: 156114  
Ion Ratio Lower Upper  
240 100  
120 8.9 7.3 10.9  
236 25.7 20.6 31.0

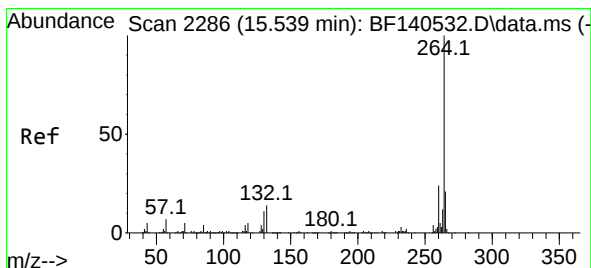
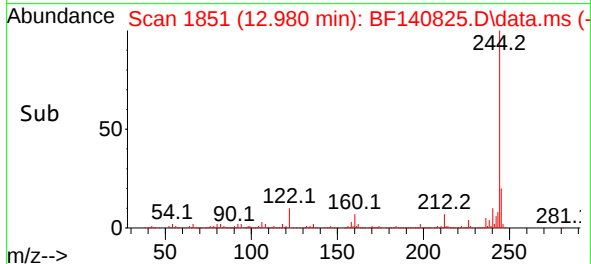
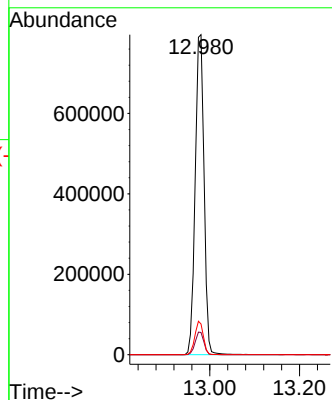
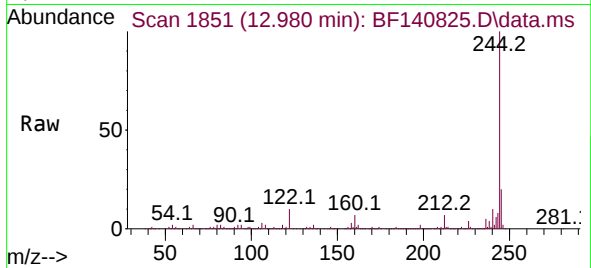




#79  
 Terphenyl-d14  
 Concen: 108.546 ng  
 RT: 12.980 min Scan# 1851  
 Delta R.T. -0.012 min  
 Lab File: BF140825.D  
 Acq: 11 Dec 2024 13:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB165470TB

Tgt Ion:244 Resp: 1088256  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.8 8.8  
 122 9.6 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: BF140825.D  
 Acq: 11 Dec 2024 13:23

Tgt Ion:264 Resp: 124475  
 Ion Ratio Lower Upper  
 264 100  
 260 23.2 19.0 28.6  
 265 20.5 16.6 25.0

