

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092221\  
 Data File : BF125578.D  
 Acq On : 23 Sep 2021 1:31  
 Operator : JU/CG  
 Sample : M3822-05  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PILLARS-3

Quant Time: Sep 23 04:51:35 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF092121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 21 19:21:36 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.893  | 152  | 206676   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.175  | 136  | 871155   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.928  | 164  | 466548   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.416 | 188  | 814525   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12            | 14.051 | 240  | 549233   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 15.533 | 264  | 427991   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.510  | 112  | 932075   | 71.317 | ng    | 0.00     |
| 7) Phenol-d6                | 6.510  | 99   | 1285980  | 76.315 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.451  | 82   | 830847   | 60.831 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.716 | 330  | 304939   | 66.731 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.251  | 172  | 1756292  | 65.567 | ng    | -0.01    |
| 79) Terphenyl-d14           | 13.004 | 244  | 1876534  | 55.173 | ng    | 0.00     |

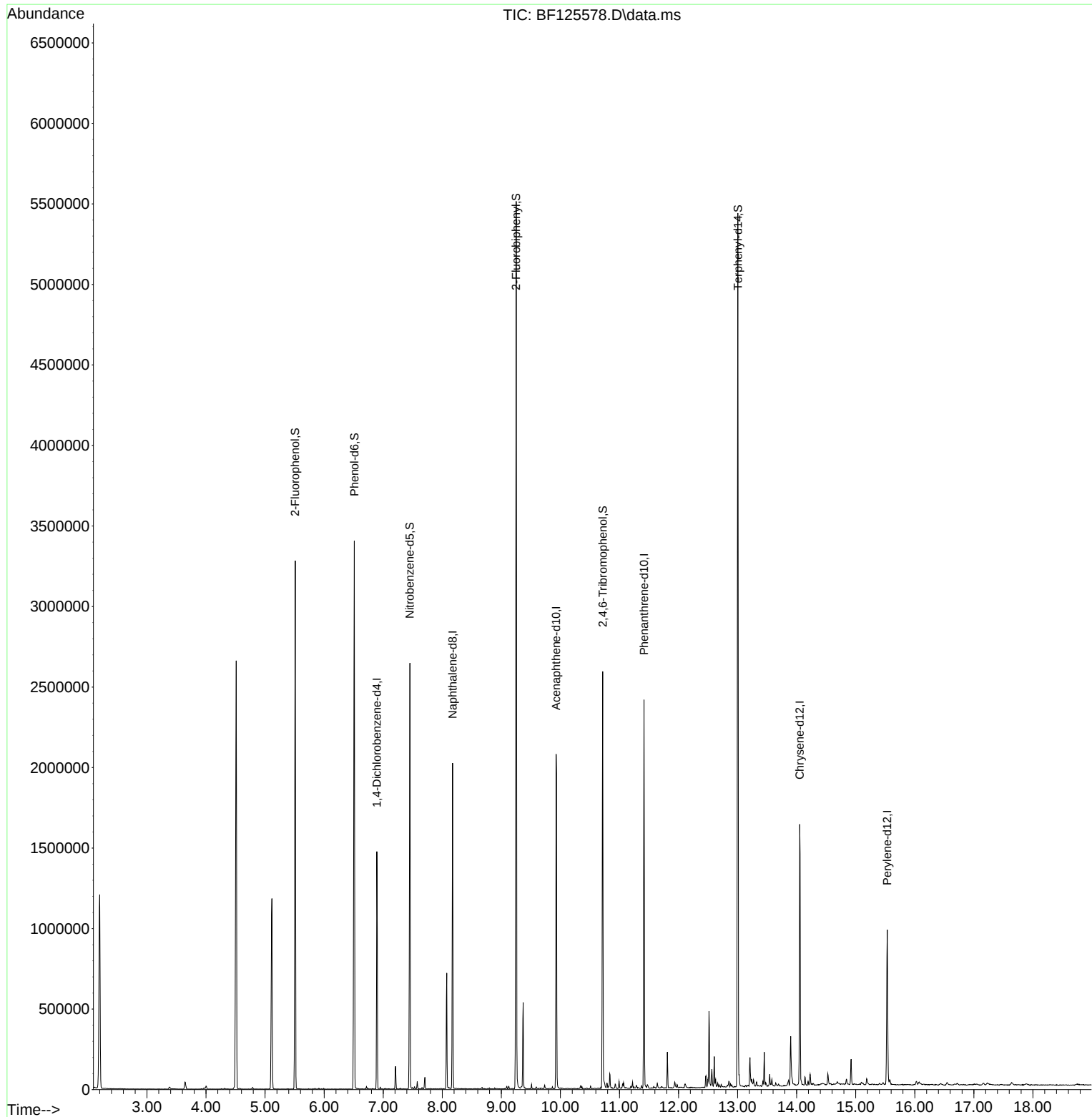
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

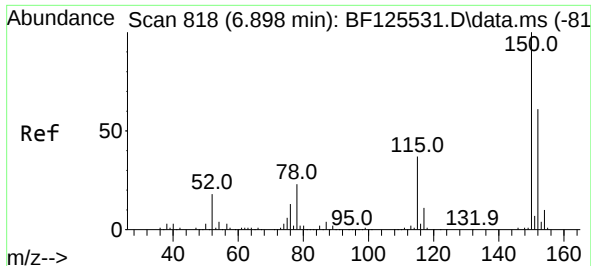
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092221\  
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ALS Vial : 20 Sample Multiplier: 1

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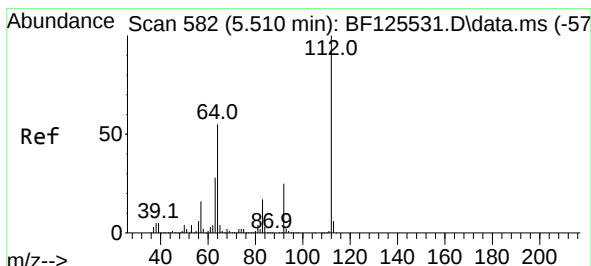
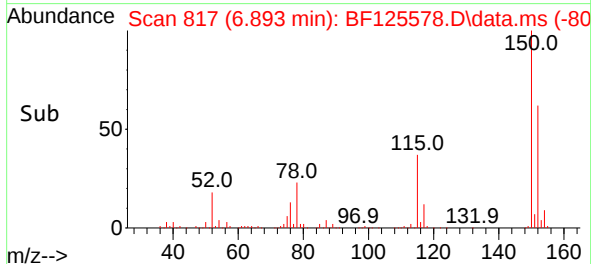
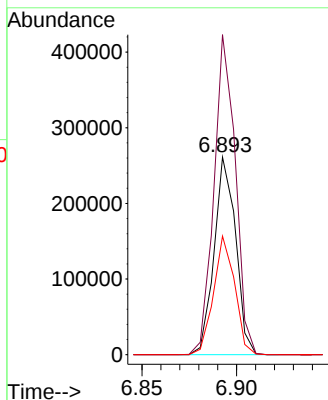
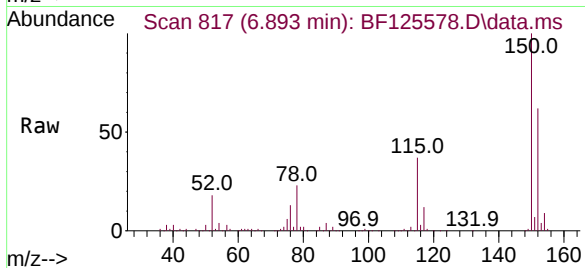




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.893 min Scan# 817  
Delta R.T. -0.005 min  
Lab File: BF125578.D  
Acq: 23 Sep 2021 1:31

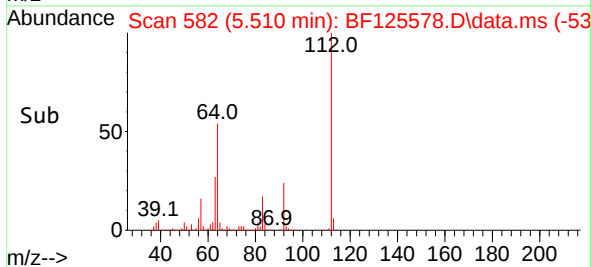
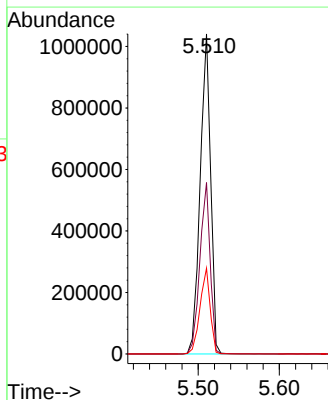
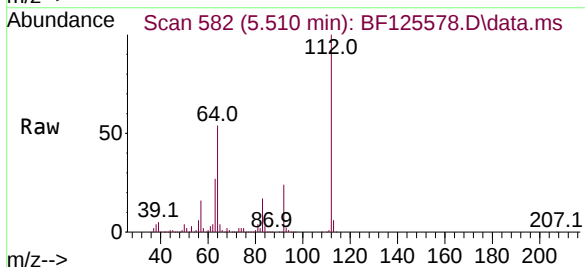
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ClientSampleId :  
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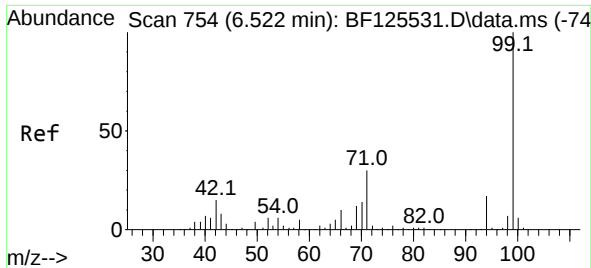
Tgt Ion:152 Resp: 206676  
Ion Ratio Lower Upper  
152 100  
150 161.9 117.6 176.4  
115 60.0 47.1 70.7



#5  
2-Fluorophenol  
Concen: 71.317 ng  
RT: 5.510 min Scan# 582  
Delta R.T. 0.000 min  
Lab File: BF125578.D  
Acq: 23 Sep 2021 1:31

Tgt Ion:112 Resp: 932075  
Ion Ratio Lower Upper  
112 100  
64 53.6 44.2 66.2  
63 26.8 26.2 39.2

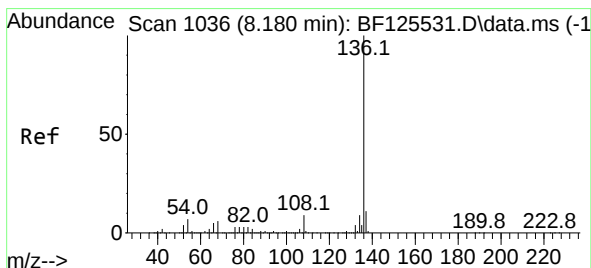
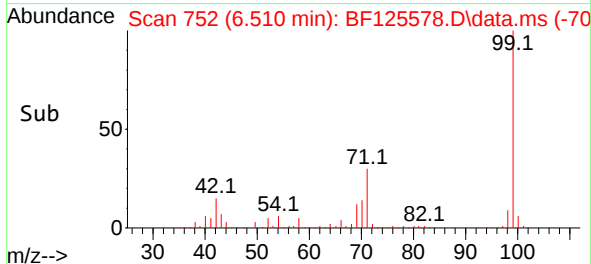
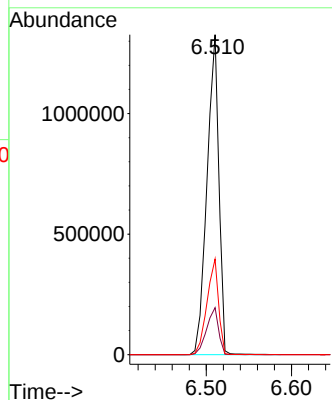
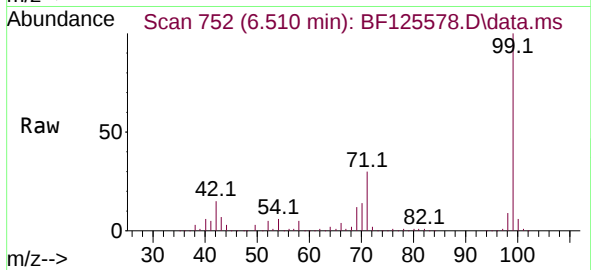




#7  
Phenol-d6  
Concen: 76.315 ng  
RT: 6.510 min Scan# 752  
Delta R.T. -0.012 min  
Lab File: BF125578.D  
Acq: 23 Sep 2021 1:31

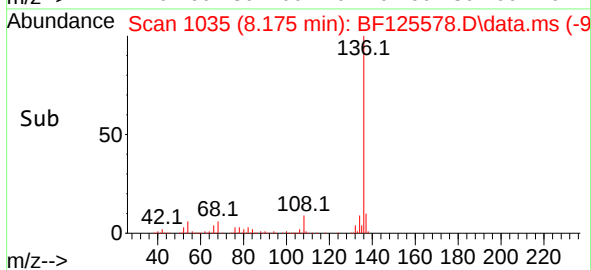
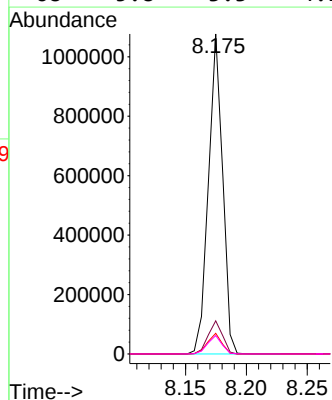
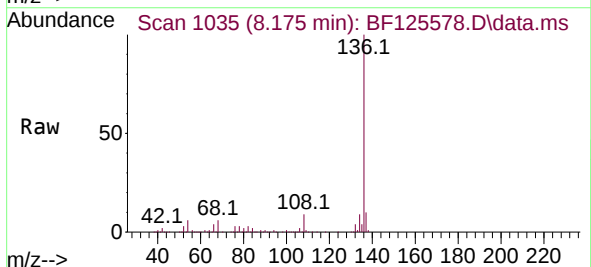
Instrument :  
BNA\_F  
ClientSampleId :  
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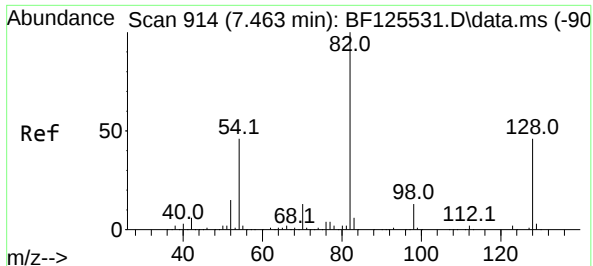
Tgt Ion: 99 Resp: 1285980  
Ion Ratio Lower Upper  
99 100  
42 14.7 23.5 35.3#  
71 29.9 25.6 38.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.175 min Scan# 1035  
Delta R.T. -0.006 min  
Lab File: BF125578.D  
Acq: 23 Sep 2021 1:31

Tgt Ion: 136 Resp: 871155  
Ion Ratio Lower Upper  
136 100  
137 10.4 9.8 14.6  
54 6.5 6.4 9.6  
68 5.8 3.3 4.9#

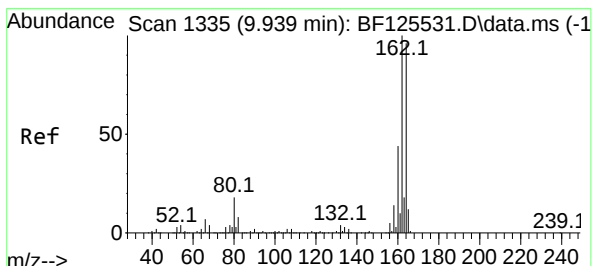
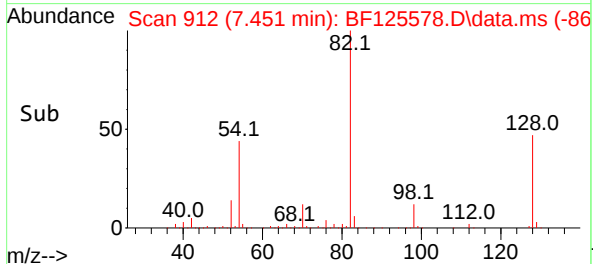
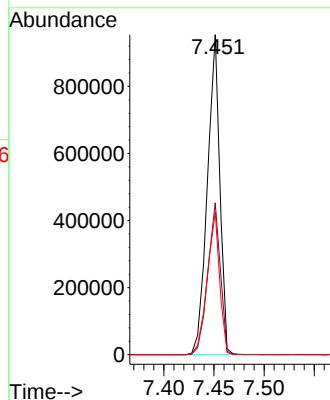
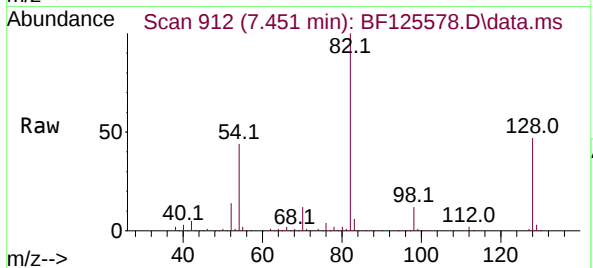




#23  
Nitrobenzene-d5  
Concen: 60.831 ng  
RT: 7.451 min Scan# 912  
Delta R.T. -0.012 min  
Lab File: BF125578.D  
Acq: 23 Sep 2021 1:31

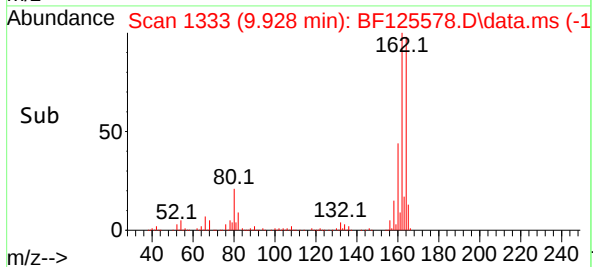
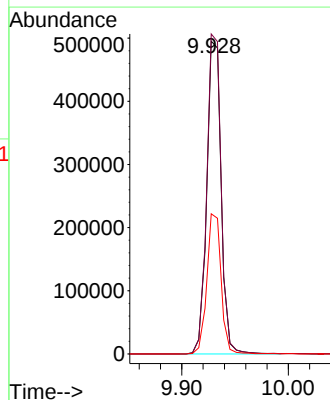
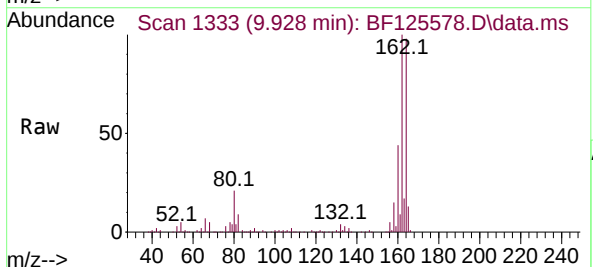
Instrument :  
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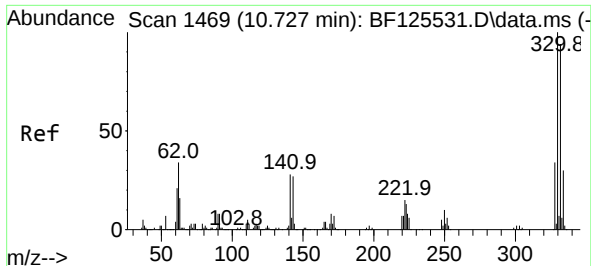
Tgt Ion: 82 Resp: 830847  
Ion Ratio Lower Upper  
82 100  
128 47.5 40.6 60.8  
54 44.5 49.6 74.4#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.928 min Scan# 1333  
Delta R.T. -0.011 min  
Lab File: BF125578.D  
Acq: 23 Sep 2021 1:31

Tgt Ion:164 Resp: 466548  
Ion Ratio Lower Upper  
164 100  
162 102.3 81.3 121.9  
160 44.8 38.0 57.0

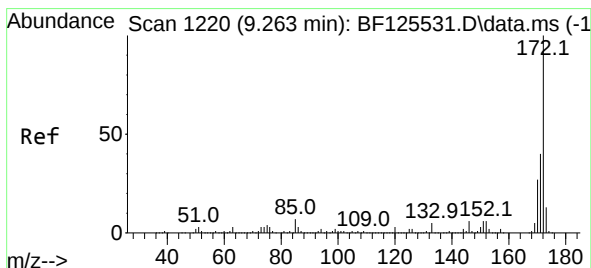
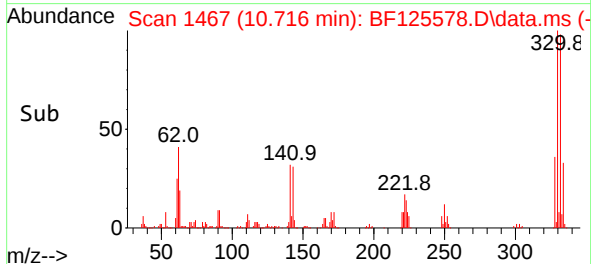
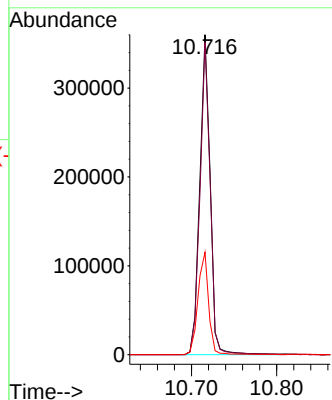
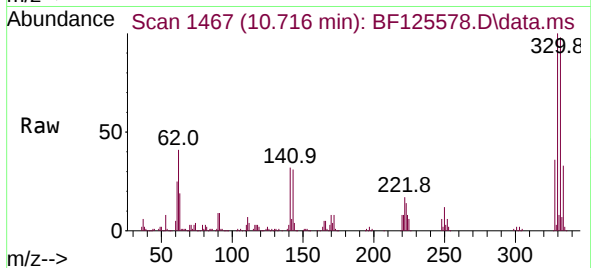




#42  
2,4,6-Tribromophenol  
Concen: 66.731 ng  
RT: 10.716 min Scan# 1467  
Delta R.T. -0.012 min  
Lab File: BF125578.D  
Acq: 23 Sep 2021 1:31

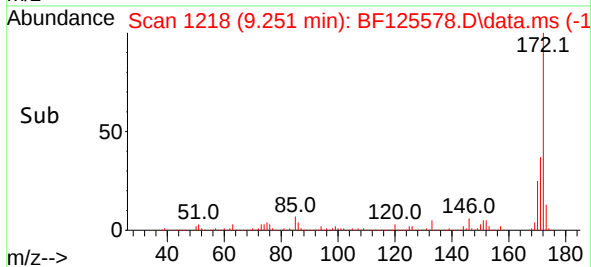
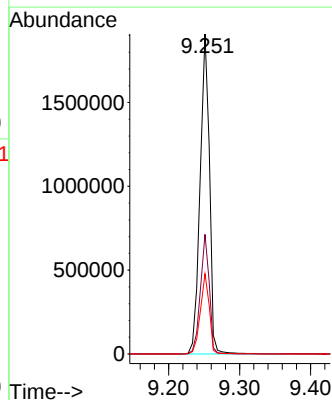
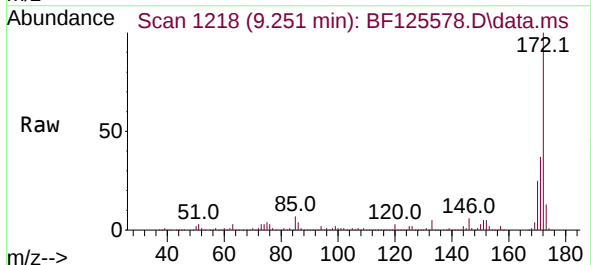
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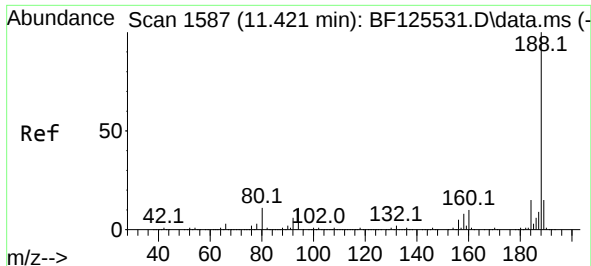
Tgt Ion:330 Resp: 304939  
Ion Ratio Lower Upper  
330 100  
332 96.2 76.2 114.4  
141 33.1 44.6 66.8#



#45  
2-Fluorobiphenyl  
Concen: 65.567 ng  
RT: 9.251 min Scan# 1218  
Delta R.T. -0.012 min  
Lab File: BF125578.D  
Acq: 23 Sep 2021 1:31

Tgt Ion:172 Resp: 1756292  
Ion Ratio Lower Upper  
172 100  
171 37.4 26.5 39.7  
170 25.1 18.8 28.2

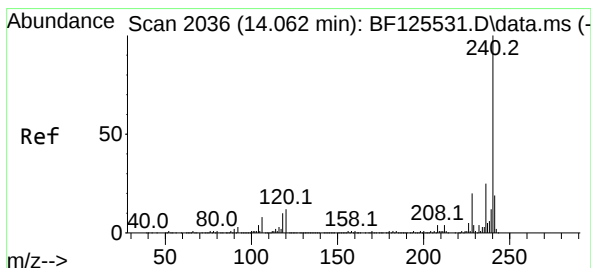
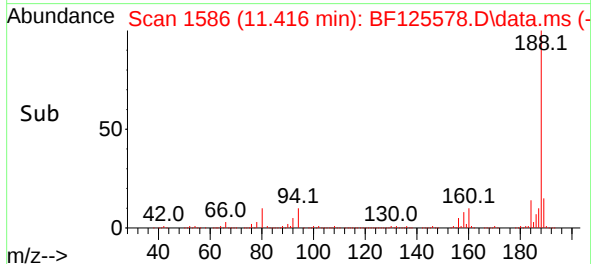
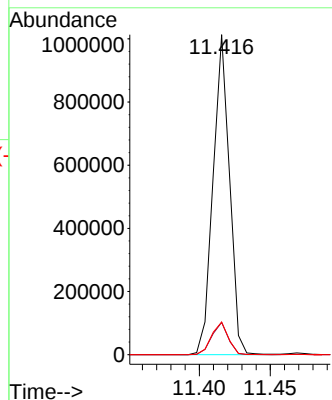
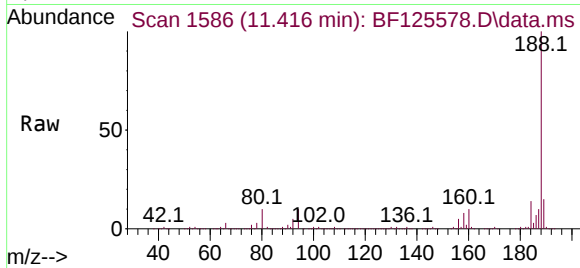




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1586  
Delta R.T. -0.006 min  
Lab File: BF125578.D  
Acq: 23 Sep 2021 1:31

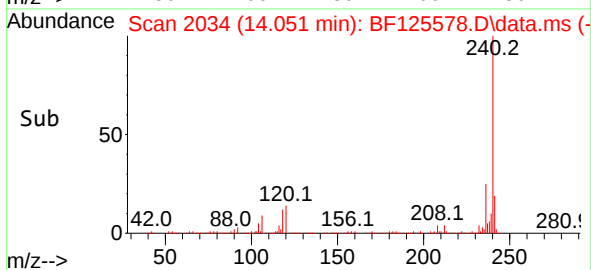
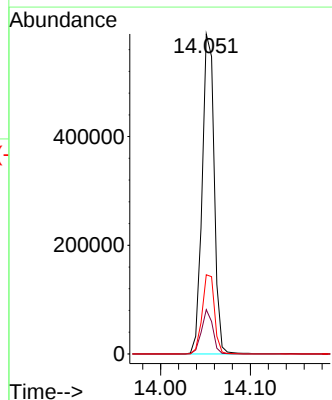
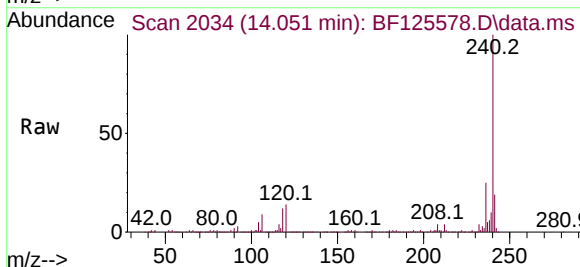
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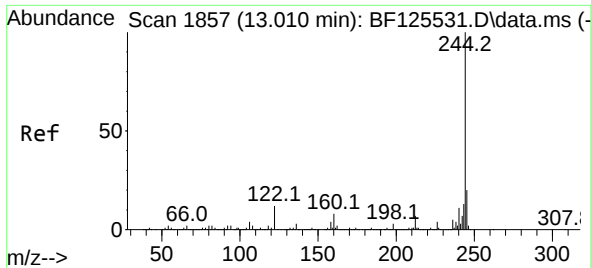
Tgt Ion:188 Resp: 814525  
Ion Ratio Lower Upper  
188 100  
94 10.1 6.7 10.1#  
80 10.2 7.5 11.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.051 min Scan# 2034  
Delta R.T. -0.012 min  
Lab File: BF125578.D  
Acq: 23 Sep 2021 1:31

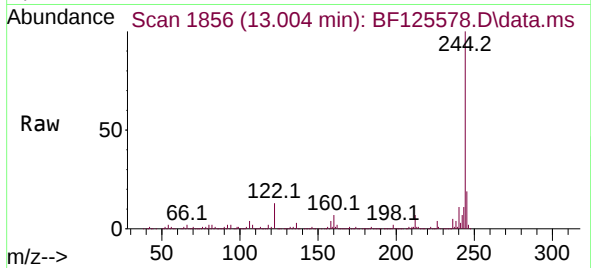
Tgt Ion:240 Resp: 549233  
Ion Ratio Lower Upper  
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120 13.8 10.8 16.2  
236 24.8 21.6 32.4



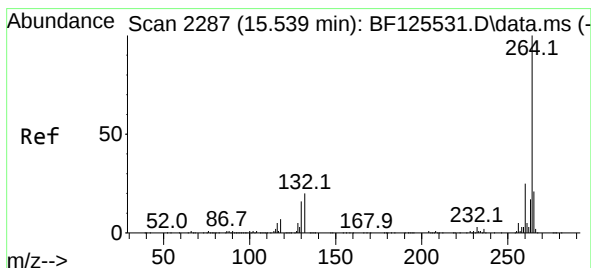
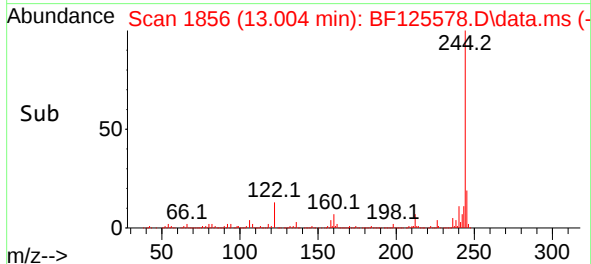
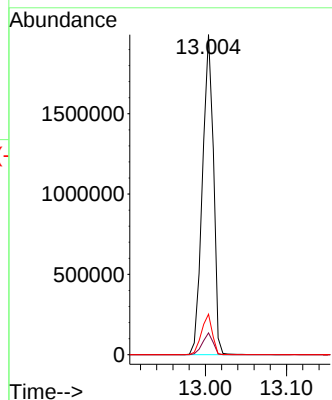


#79  
 Terphenyl-d14  
 Concen: 55.173 ng  
 RT: 13.004 min Scan# 1856  
 Delta R.T. -0.006 min  
 Lab File: BF125578.D  
 Acq: 23 Sep 2021 1:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
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Tgt Ion:244 Resp: 1876534  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.9 8.9  
 122 12.7 9.0 13.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.533 min Scan# 2286  
 Delta R.T. -0.006 min  
 Lab File: BF125578.D  
 Acq: 23 Sep 2021 1:31

Tgt Ion:264 Resp: 427991  
 Ion Ratio Lower Upper  
 264 100  
 260 24.2 19.6 29.4  
 265 21.0 17.2 25.8

