

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121721\  
 Data File : BF126228.D  
 Acq On : 17 Dec 2021 11:08  
 Operator : JU/CG  
 Sample : PB141306BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 17 12:15:11 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF121521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 16 12:22:48 2021  
 Response via : Initial Calibration

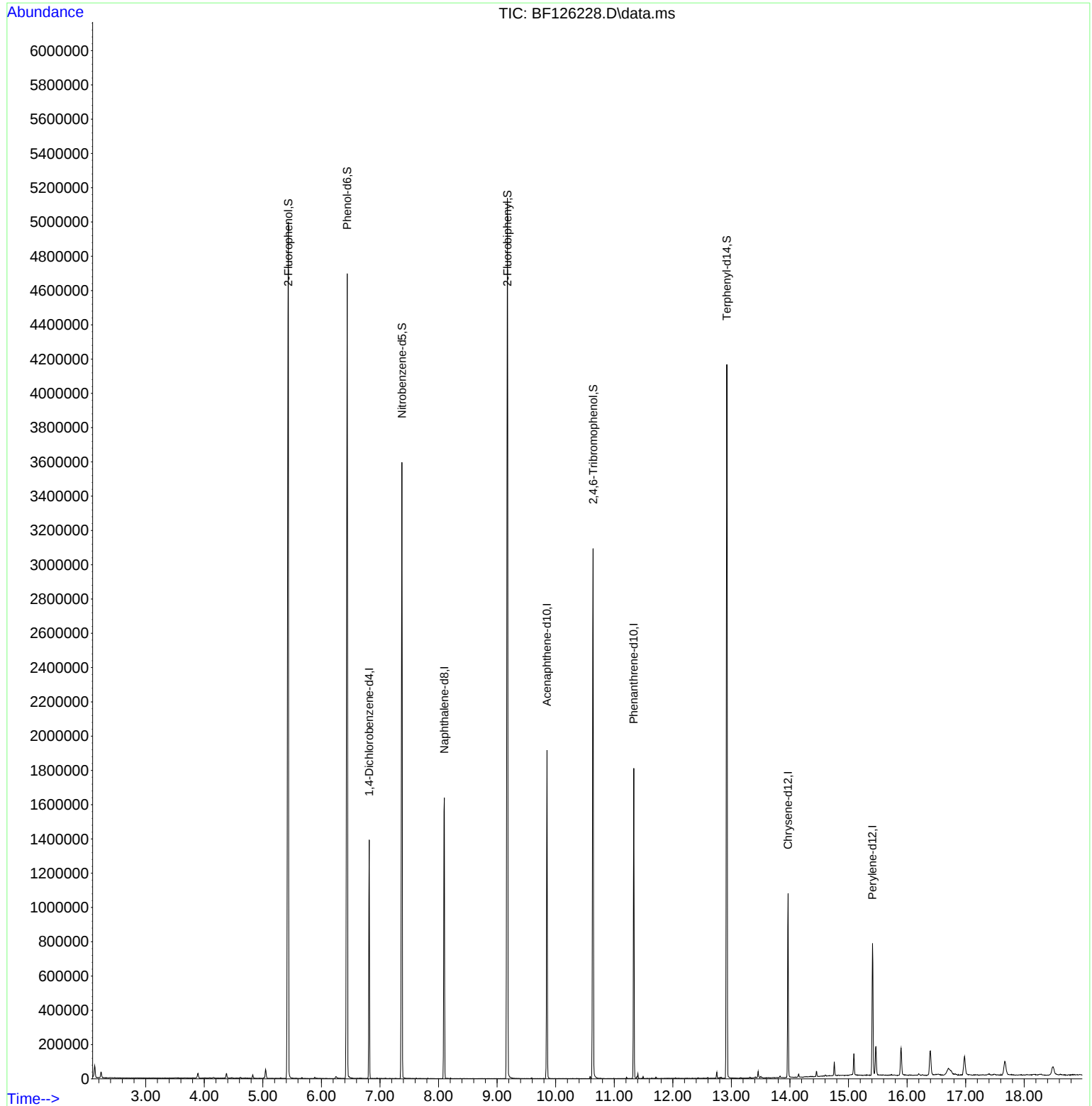
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.816  | 152  | 184989   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.098  | 136  | 804231   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.851  | 164  | 372948   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.333 | 188  | 576182   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 13.969 | 240  | 329380   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 15.410 | 264  | 317193   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.434  | 112  | 1586528  | 126.299 | ng    | 0.01     |
| 7) Phenol-d6                | 6.440  | 99   | 1993408  | 124.978 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.375  | 82   | 1304276  | 87.834  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.639 | 330  | 372794   | 124.382 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.175  | 172  | 1799369  | 84.620  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.922 | 244  | 1457701  | 76.922  | ng    | 0.00     |

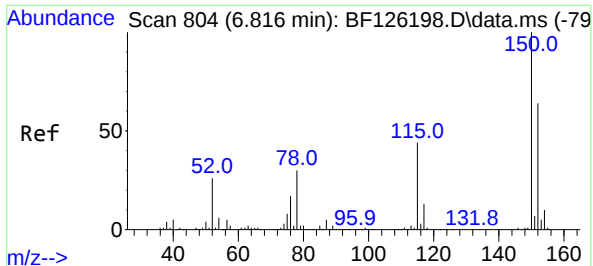
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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Acq On : 17 Dec 2021 11:08  
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Sample : PB141306BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

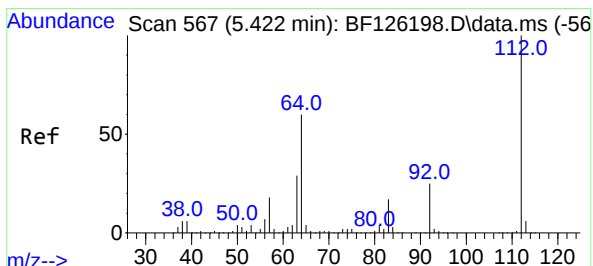
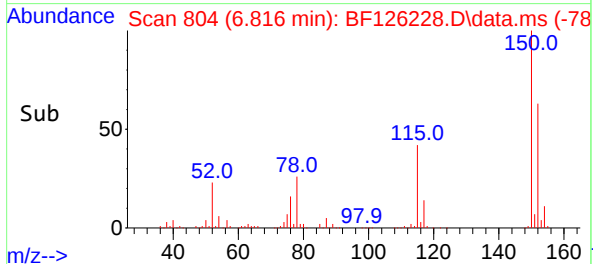
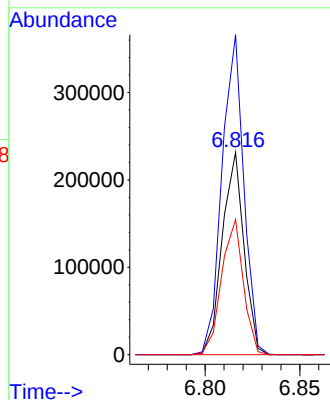
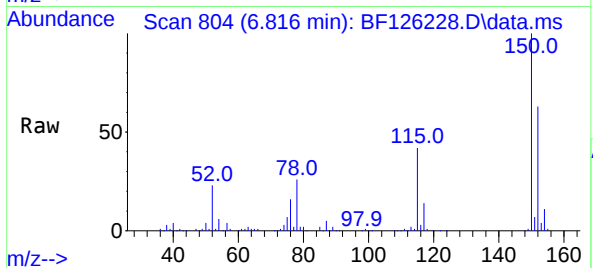
Quant Time: Dec 17 12:15:11 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF121521.M  
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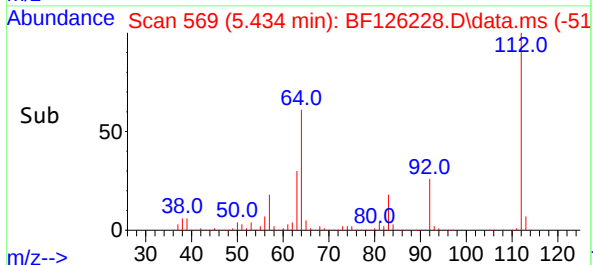
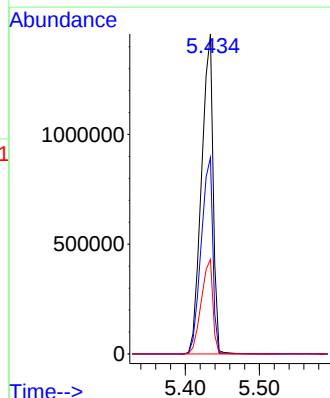
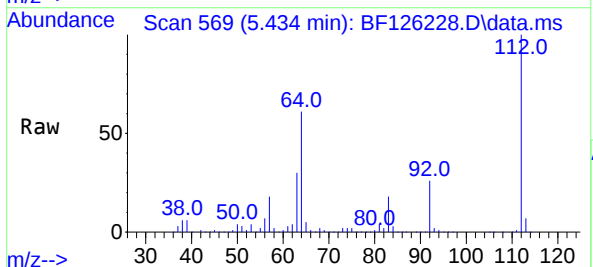
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.816 min Scan# 804  
Delta R.T. 0.000 min  
Lab File: BF126228.D  
Acq: 17 Dec 2021 11:08

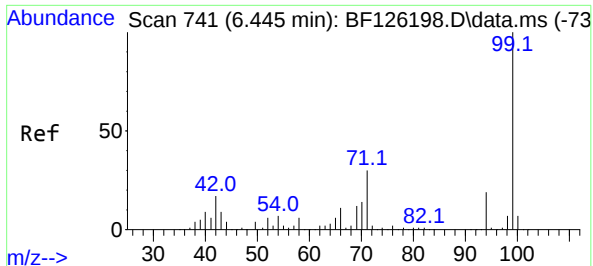
Tgt Ion:152 Resp: 184989  
Ion Ratio Lower Upper  
152 100  
150 158.1 117.6 176.4  
115 66.8 47.1 70.7



#5  
2-Fluorophenol  
Concen: 126.299 ng  
RT: 5.434 min Scan# 569  
Delta R.T. 0.012 min  
Lab File: BF126228.D  
Acq: 17 Dec 2021 11:08

Tgt Ion:112 Resp: 1586528  
Ion Ratio Lower Upper  
112 100  
64 61.4 44.2 66.2  
63 29.6 26.2 39.2

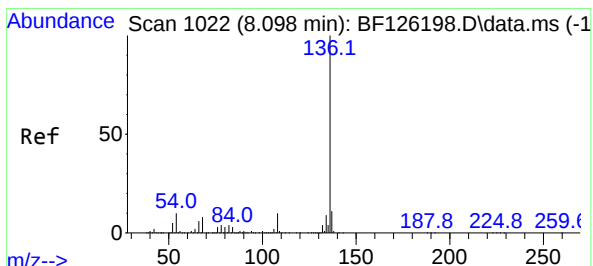
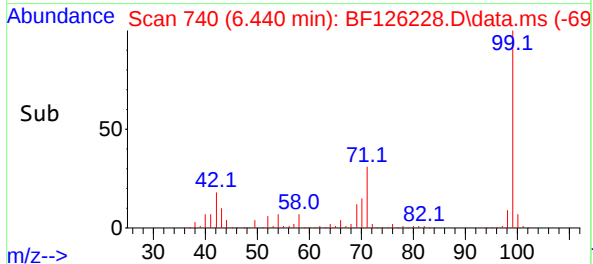
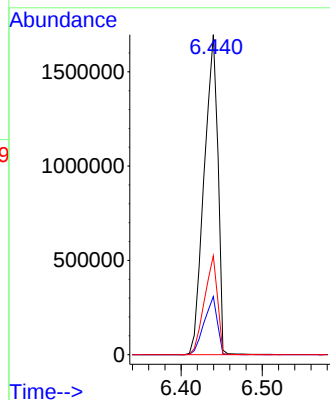
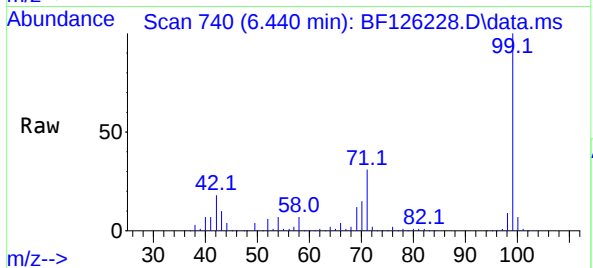




#7  
Phenol-d6  
Concen: 124.978 ng  
RT: 6.440 min Scan# 740  
Delta R.T. -0.006 min  
Lab File: BF126228.D  
Acq: 17 Dec 2021 11:08

Tgt Ion: 99 Resp: 1993408

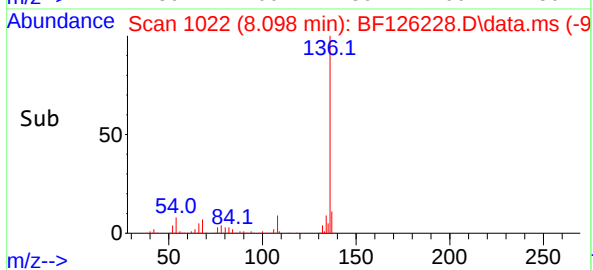
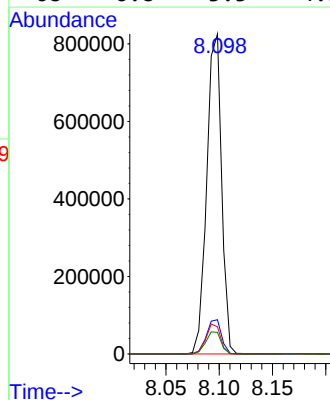
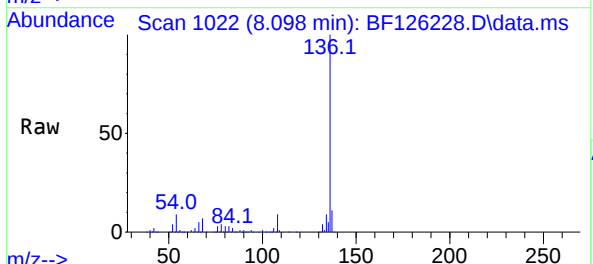
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.2  | 23.5  | 35.3# |
| 71  | 30.9  | 25.6  | 38.4  |

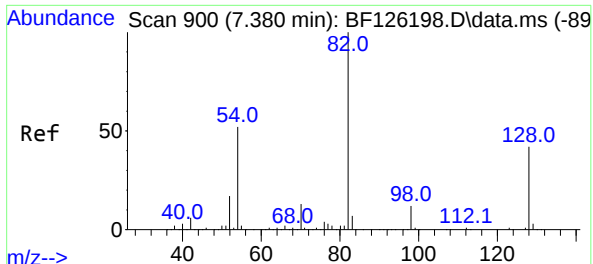


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.098 min Scan# 1022  
Delta R.T. 0.000 min  
Lab File: BF126228.D  
Acq: 17 Dec 2021 11:08

Tgt Ion: 136 Resp: 804231

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.7  | 9.8   | 14.6  |
| 54  | 8.5   | 6.4   | 9.6   |
| 68  | 6.8   | 3.3   | 4.9#  |

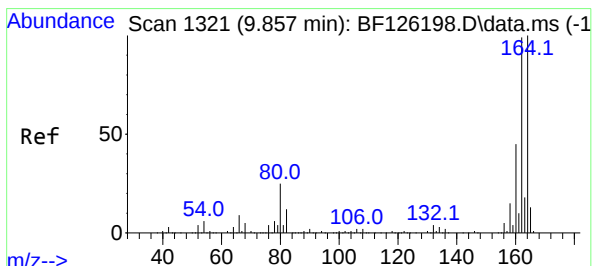
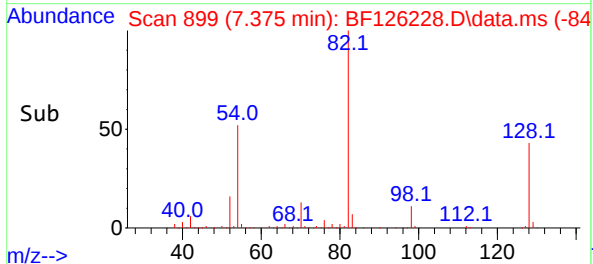
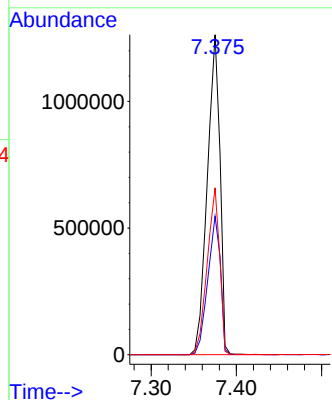
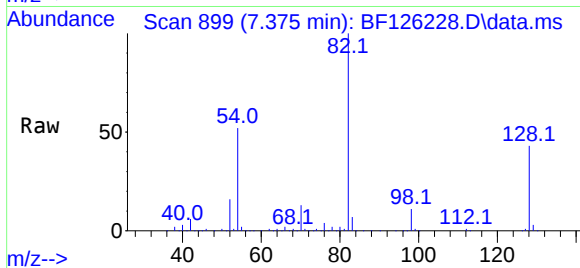




#23  
Nitrobenzene-d5  
Concen: 87.834 ng  
RT: 7.375 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: BF126228.D  
Acq: 17 Dec 2021 11:08

Tgt Ion: 82 Resp: 1304276

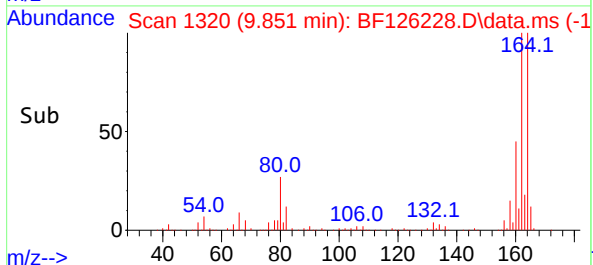
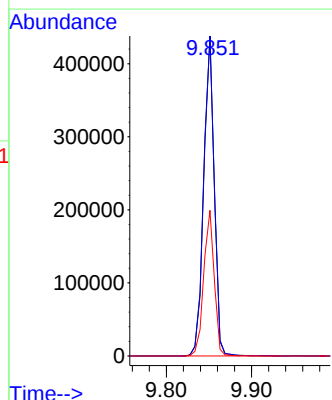
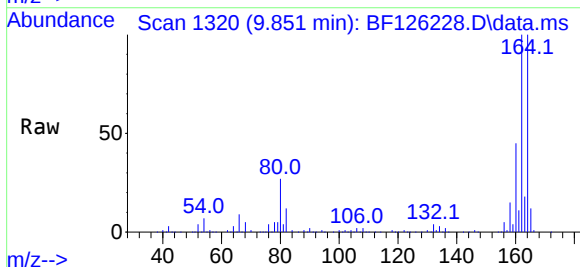
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 43.2  | 40.6  | 60.8  |
| 54  | 52.1  | 49.6  | 74.4  |

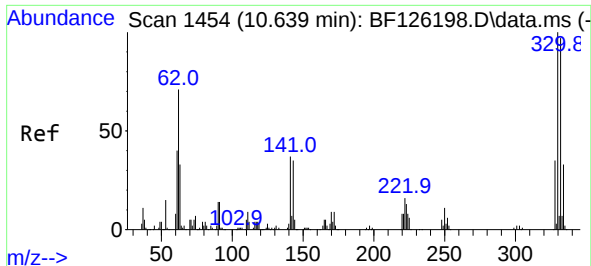


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.851 min Scan# 1320  
Delta R.T. -0.006 min  
Lab File: BF126228.D  
Acq: 17 Dec 2021 11:08

Tgt Ion:164 Resp: 372948

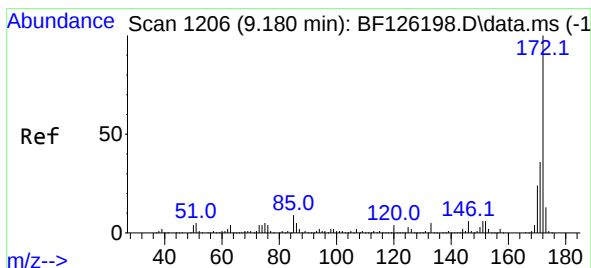
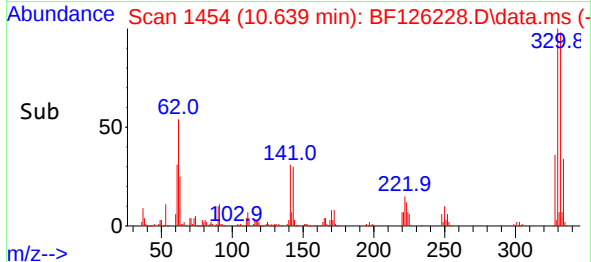
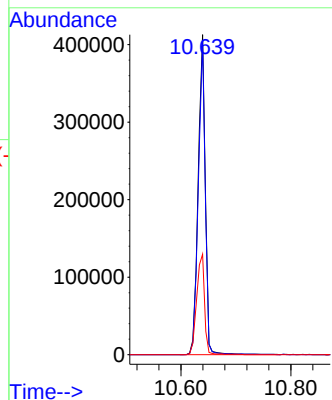
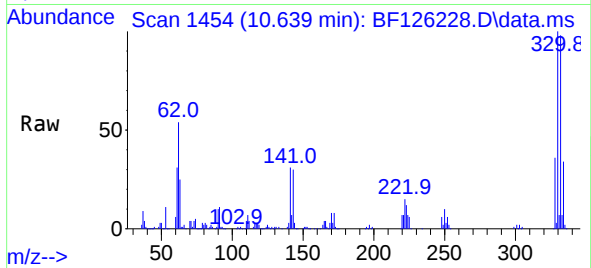
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 99.9  | 81.3  | 121.9 |
| 160 | 45.5  | 38.0  | 57.0  |





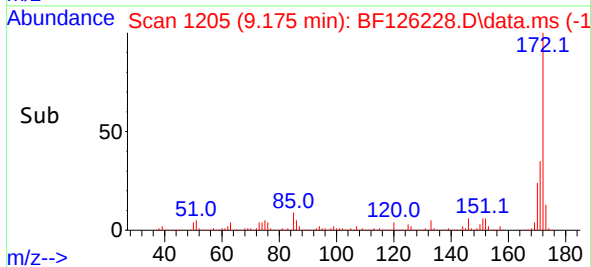
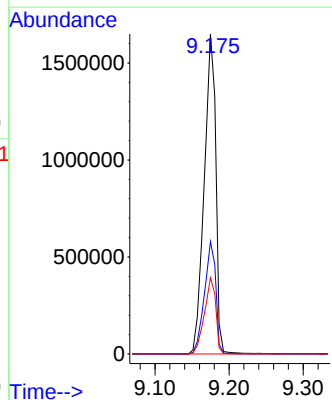
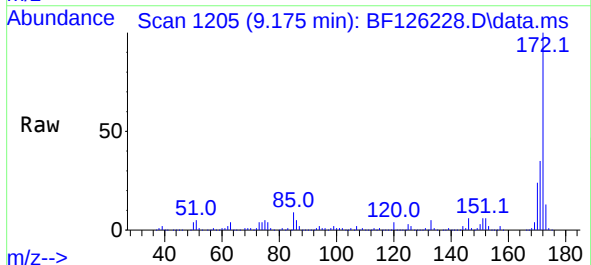
#42  
2,4,6-Tribromophenol  
Concen: 124.382 ng  
RT: 10.639 min Scan# 1454  
Delta R.T. 0.000 min  
Lab File: BF126228.D  
Acq: 17 Dec 2021 11:08

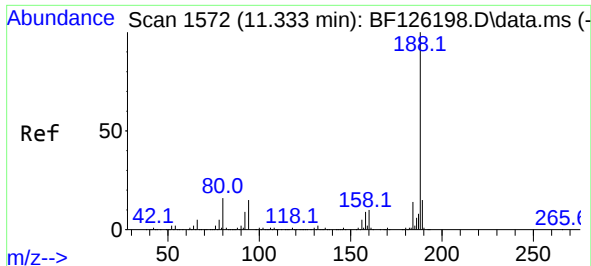
Tgt Ion: 330 Resp: 372794  
Ion Ratio Lower Upper  
330 100  
332 94.9 76.2 114.4  
141 34.5 44.6 66.8#



#45  
2-Fluorobiphenyl  
Concen: 84.620 ng  
RT: 9.175 min Scan# 1205  
Delta R.T. -0.006 min  
Lab File: BF126228.D  
Acq: 17 Dec 2021 11:08

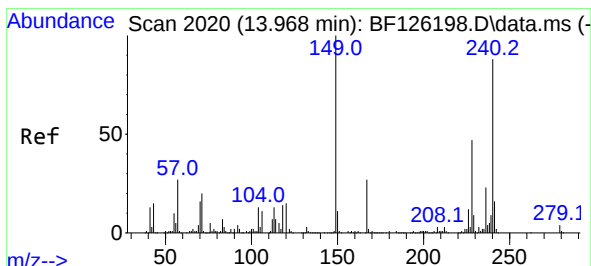
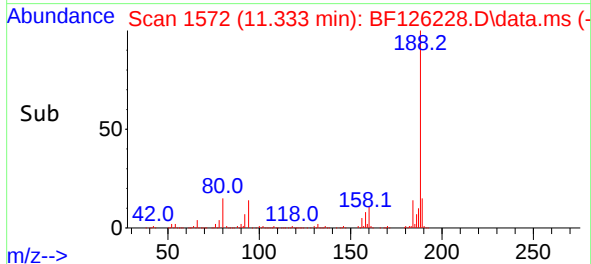
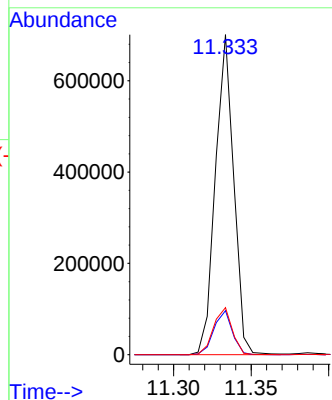
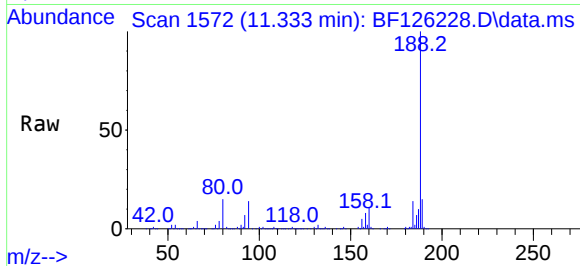
Tgt Ion: 172 Resp: 1799369  
Ion Ratio Lower Upper  
172 100  
171 35.1 26.5 39.7  
170 23.8 18.8 28.2





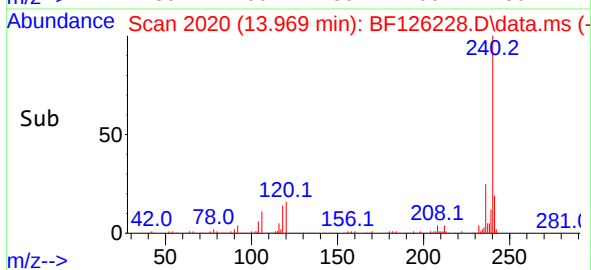
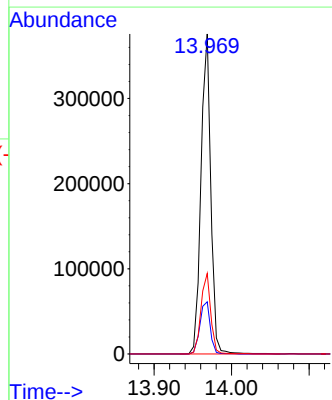
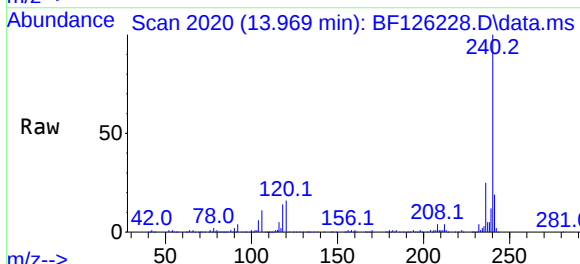
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.333 min Scan# 1572  
Delta R.T. 0.000 min  
Lab File: BF126228.D  
Acq: 17 Dec 2021 11:08

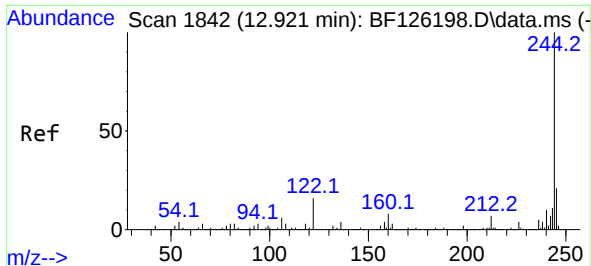
Tgt Ion:188 Resp: 576182  
Ion Ratio Lower Upper  
188 100  
94 13.8 6.7 10.1#  
80 14.7 7.5 11.3#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.969 min Scan# 2020  
Delta R.T. 0.000 min  
Lab File: BF126228.D  
Acq: 17 Dec 2021 11:08

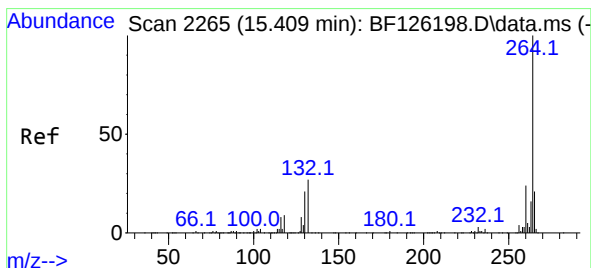
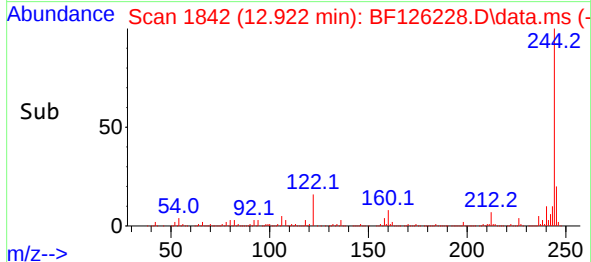
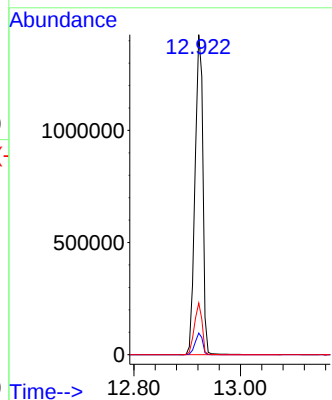
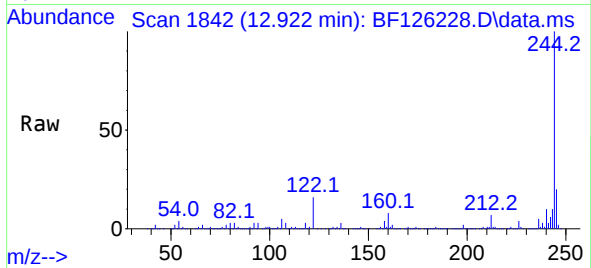
Tgt Ion:240 Resp: 329380  
Ion Ratio Lower Upper  
240 100  
120 16.3 10.8 16.2#  
236 25.1 21.6 32.4





#79  
Terphenyl-d14  
Concen: 76.922 ng  
RT: 12.922 min Scan# 1842  
Delta R.T. 0.000 min  
Lab File: BF126228.D  
Acq: 17 Dec 2021 11:08

Tgt Ion:244 Resp: 1457701  
Ion Ratio Lower Upper  
244 100  
212 6.7 5.9 8.9  
122 16.2 9.0 13.4#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.410 min Scan# 2265  
Delta R.T. 0.000 min  
Lab File: BF126228.D  
Acq: 17 Dec 2021 11:08

Tgt Ion:264 Resp: 317193  
Ion Ratio Lower Upper  
264 100  
260 23.8 19.6 29.4  
265 21.4 17.2 25.8

