

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100622\  
 Data File : BF130558.D  
 Acq On : 06 Oct 2022 19:17  
 Operator : CG\JU  
 Sample : N5014-08  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-09-0-2.0

Quant Time: Oct 07 02:11:51 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 07 02:06:46 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.616  | 152  | 78318    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.898  | 136  | 296233   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.645  | 164  | 139411   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.128 | 188  | 187289   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 13.757 | 240  | 134883   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.139 | 264  | 179073   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.222  | 112  | 390330   | 86.444 | ng    | 0.00     |
| 7) Phenol-d6                | 6.257  | 99   | 470999   | 83.365 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.181  | 82   | 299511   | 51.654 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.434 | 330  | 84000    | 62.883 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 8.975  | 172  | 527296   | 55.078 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.710 | 244  | 346637   | 42.570 | ng    | 0.00     |

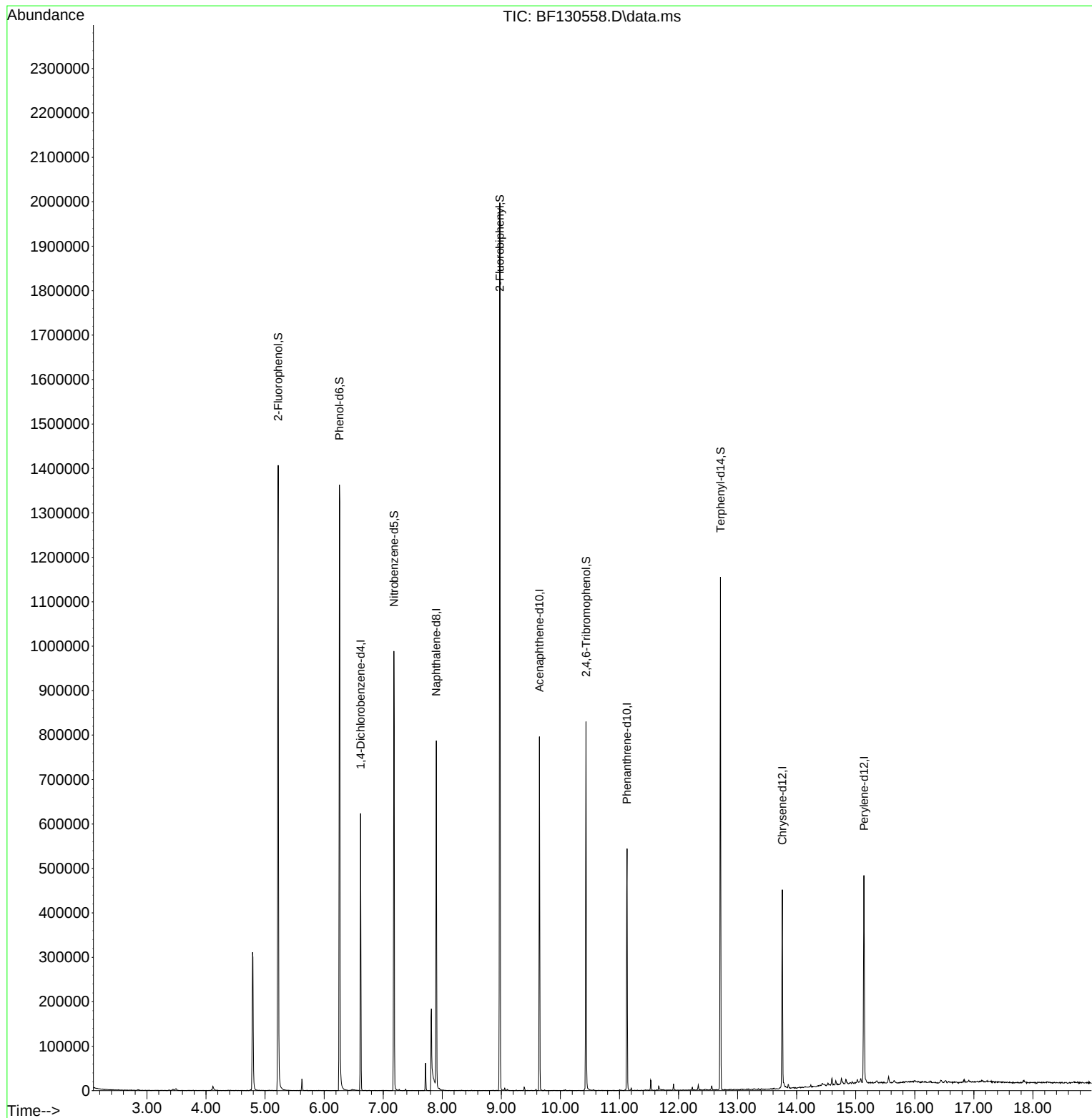
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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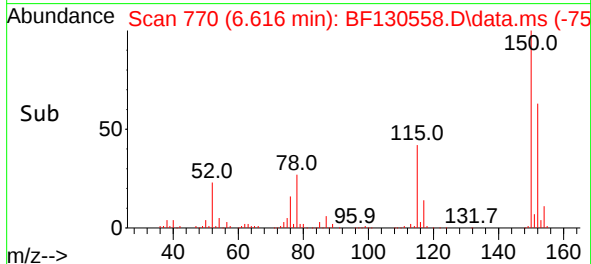
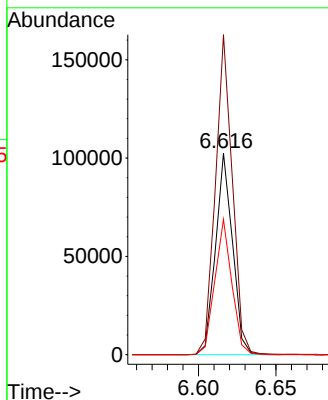
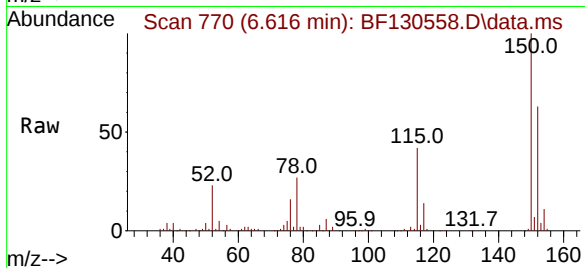




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.616 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: BF130558.D  
 Acq: 06 Oct 2022 19:17

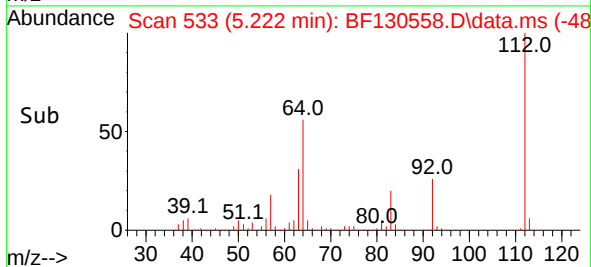
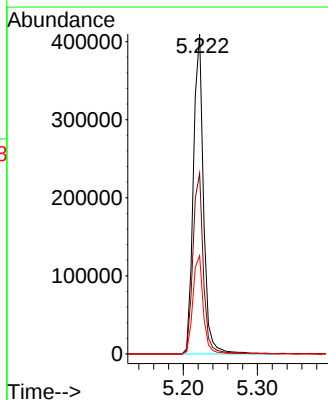
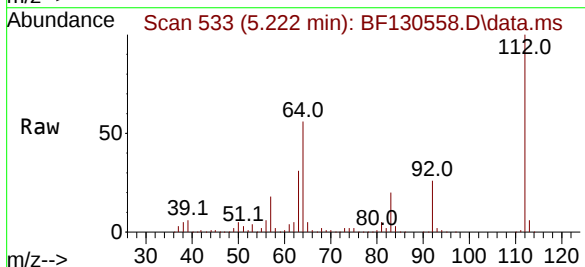
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-09-0-2.0

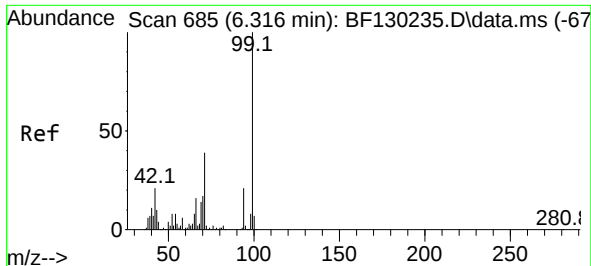
Tgt Ion:152 Resp: 78318  
 Ion Ratio Lower Upper  
 152 100  
 150 158.7 122.8 184.2  
 115 67.1 53.8 80.8



#5  
 2-Fluorophenol  
 Concen: 86.444 ng  
 RT: 5.222 min Scan# 533  
 Delta R.T. 0.006 min  
 Lab File: BF130558.D  
 Acq: 06 Oct 2022 19:17

Tgt Ion:112 Resp: 390330  
 Ion Ratio Lower Upper  
 112 100  
 64 56.4 51.4 77.0  
 63 30.7 28.8 43.2

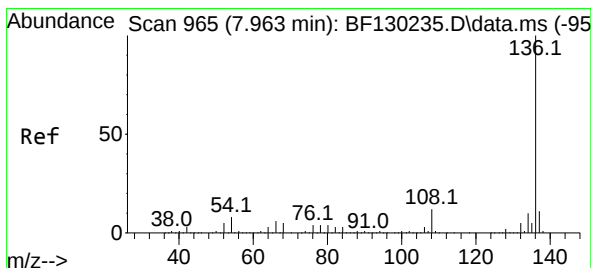
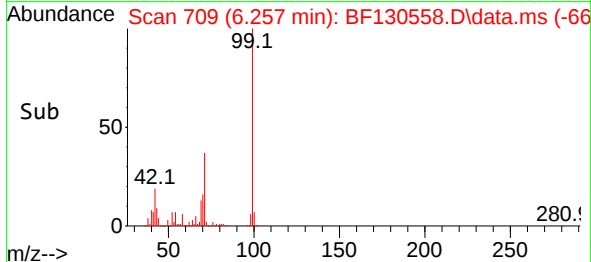
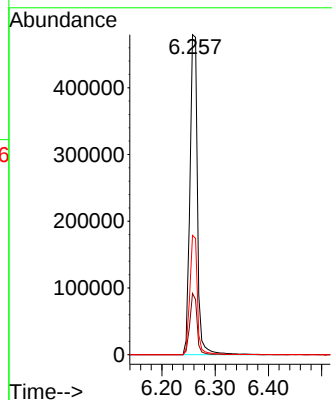
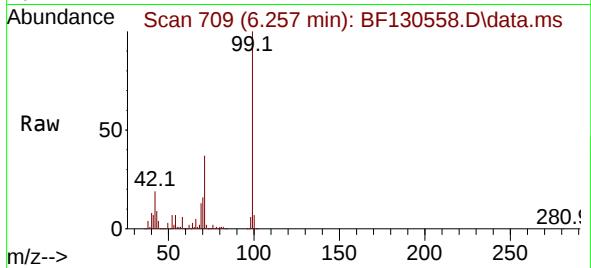




#7  
Phenol-d6  
Concen: 83.365 ng  
RT: 6.257 min Scan# 709  
Delta R.T. -0.012 min  
Lab File: BF130558.D  
Acq: 06 Oct 2022 19:17

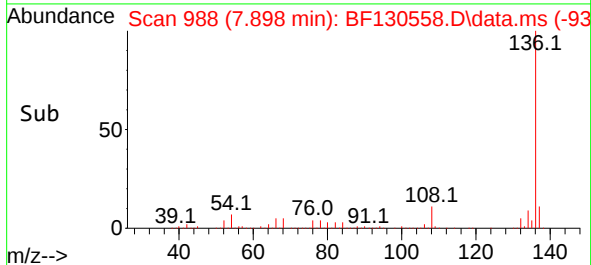
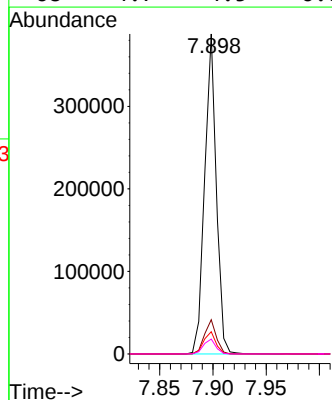
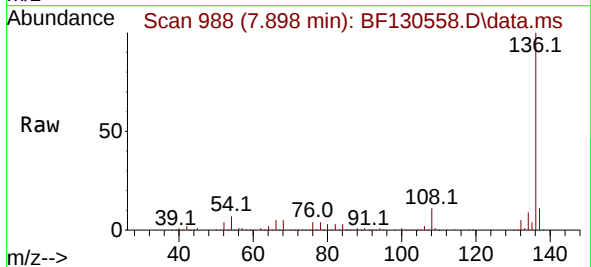
Instrument :  
BNA\_F  
ClientSampleId :  
SB-09-0-2.0

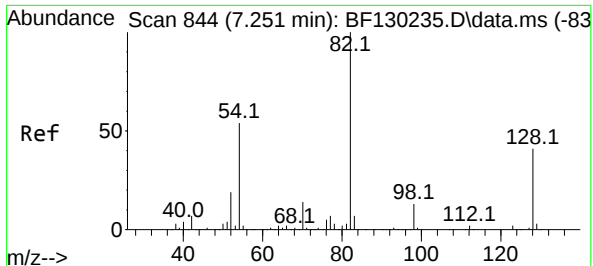
Tgt Ion: 99 Resp: 470999  
Ion Ratio Lower Upper  
99 100  
42 19.1 17.0 25.6  
71 37.3 32.3 48.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.898 min Scan# 988  
Delta R.T. -0.006 min  
Lab File: BF130558.D  
Acq: 06 Oct 2022 19:17

Tgt Ion: 136 Resp: 296233  
Ion Ratio Lower Upper  
136 100  
137 10.7 9.1 13.7  
54 7.0 7.1 10.7#  
68 4.7 4.5 6.7

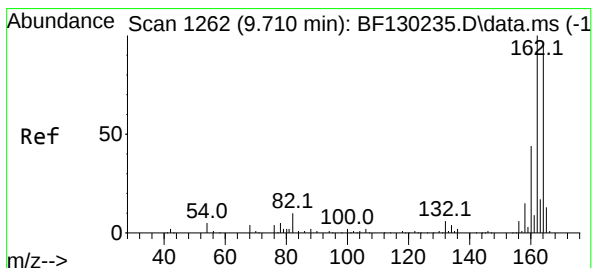
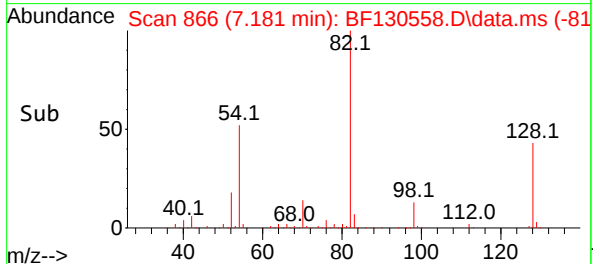
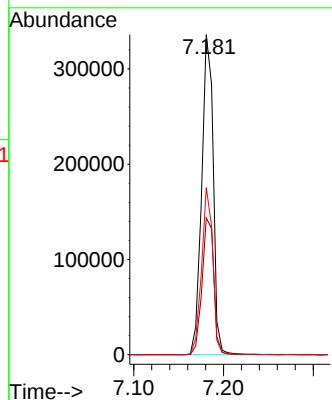
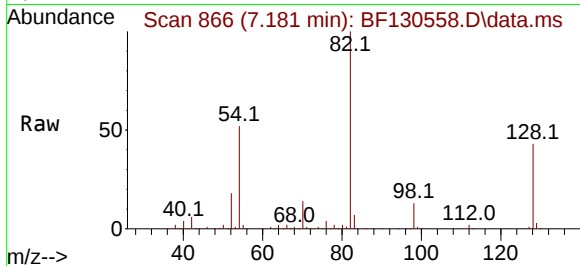




#23  
Nitrobenzene-d5  
Concen: 51.654 ng  
RT: 7.181 min Scan# 80  
Delta R.T. -0.012 min  
Lab File: BF130558.D  
Acq: 06 Oct 2022 19:17

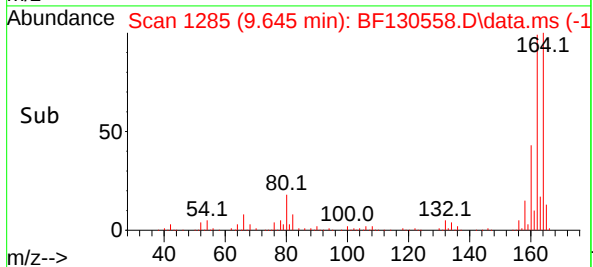
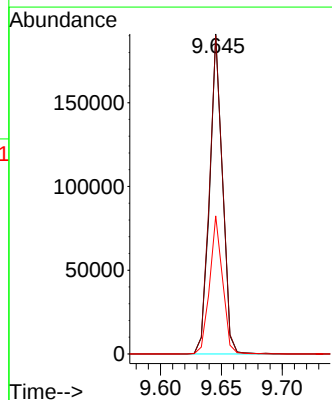
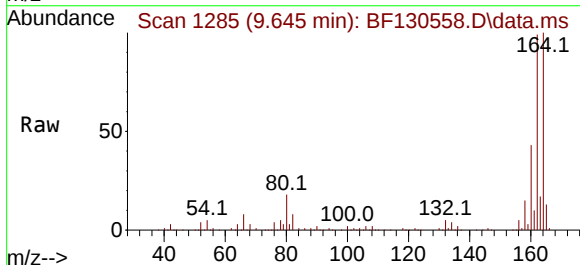
Instrument :  
BNA\_F  
ClientSampleId :  
SB-09-0-2.0

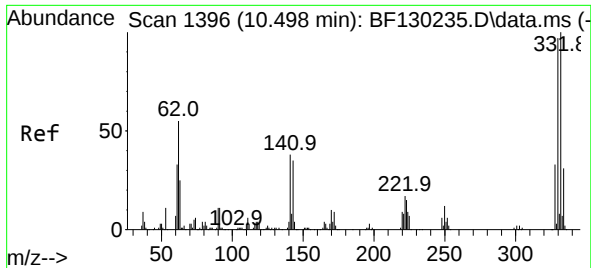
Tgt Ion: 82 Resp: 299511  
Ion Ratio Lower Upper  
82 100  
128 42.8 32.6 49.0  
54 52.2 43.8 65.6



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.645 min Scan# 1285  
Delta R.T. -0.006 min  
Lab File: BF130558.D  
Acq: 06 Oct 2022 19:17

Tgt Ion:164 Resp: 139411  
Ion Ratio Lower Upper  
164 100  
162 99.5 81.4 122.0  
160 43.2 36.2 54.4

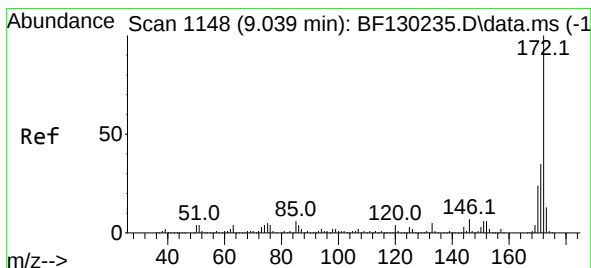
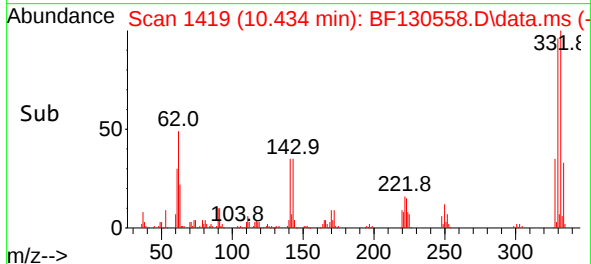
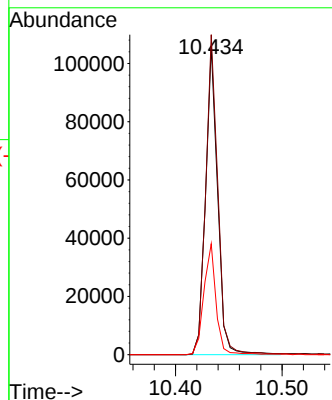
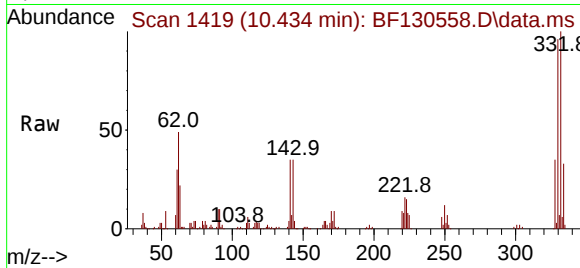




#42  
 2,4,6-Tribromophenol  
 Concen: 62.883 ng  
 RT: 10.434 min Scan# 1419  
 Delta R.T. -0.006 min  
 Lab File: BF130558.D  
 Acq: 06 Oct 2022 19:17

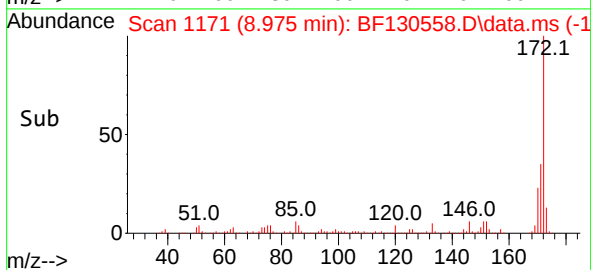
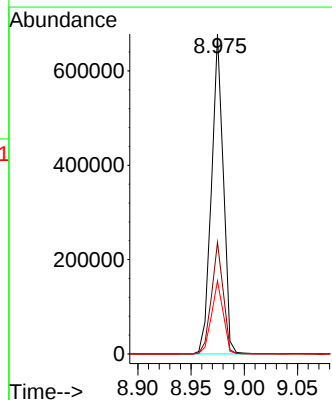
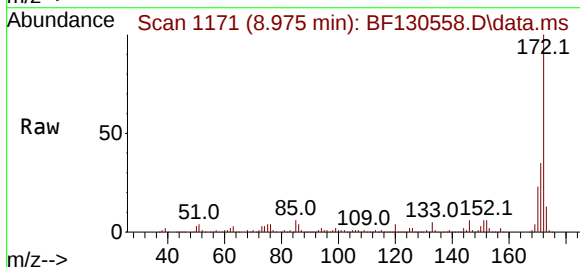
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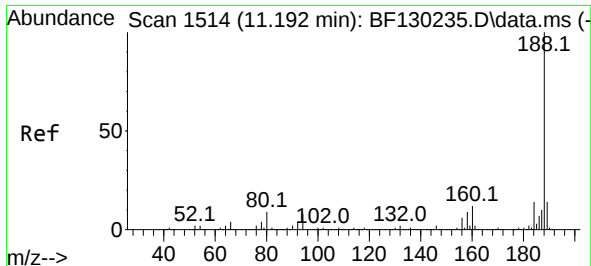
Tgt Ion:330 Resp: 84000  
 Ion Ratio Lower Upper  
 330 100  
 332 104.2 83.4 125.2  
 141 36.6 34.0 51.0



#45  
 2-Fluorobiphenyl  
 Concen: 55.078 ng  
 RT: 8.975 min Scan# 1171  
 Delta R.T. -0.006 min  
 Lab File: BF130558.D  
 Acq: 06 Oct 2022 19:17

Tgt Ion:172 Resp: 527296  
 Ion Ratio Lower Upper  
 172 100  
 171 34.9 28.3 42.5  
 170 22.8 18.7 28.1

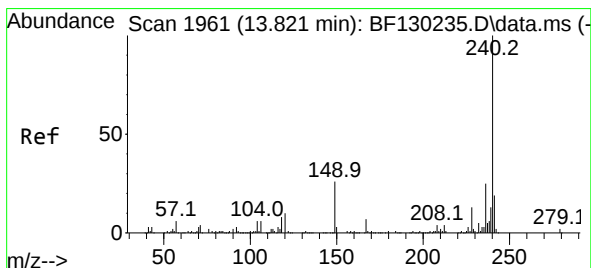
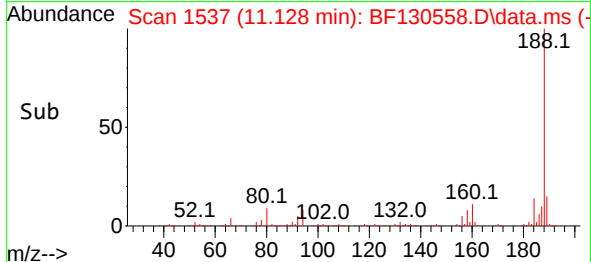
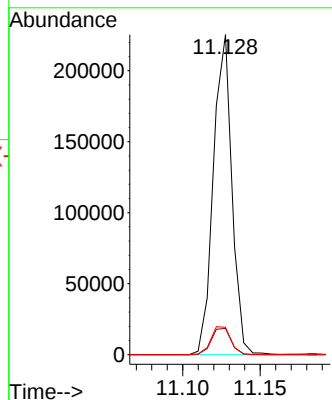
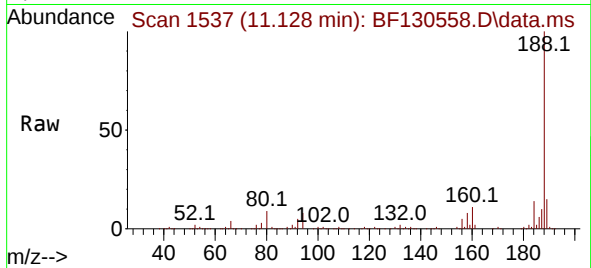




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.128 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF130558.D  
Acq: 06 Oct 2022 19:17

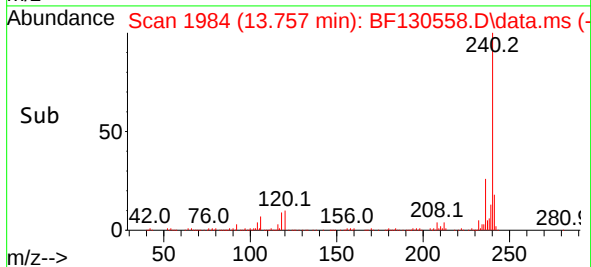
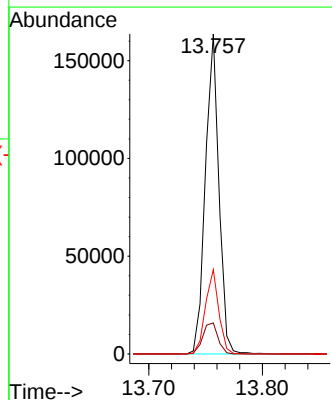
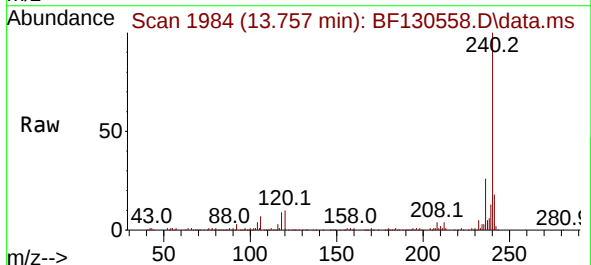
Instrument :  
BNA\_F  
ClientSampleId :  
SB-09-0-2.0

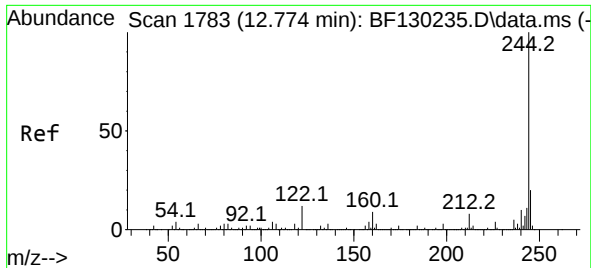
Tgt Ion:188 Resp: 187289  
Ion Ratio Lower Upper  
188 100  
94 8.2 7.4 11.2  
80 8.5 7.9 11.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.757 min Scan# 1984  
Delta R.T. -0.006 min  
Lab File: BF130558.D  
Acq: 06 Oct 2022 19:17

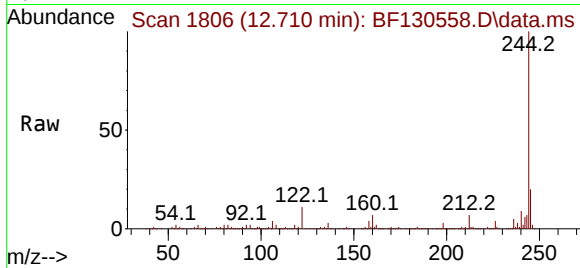
Tgt Ion:240 Resp: 134883  
Ion Ratio Lower Upper  
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120 9.7 8.7 13.1  
236 26.4 20.9 31.3



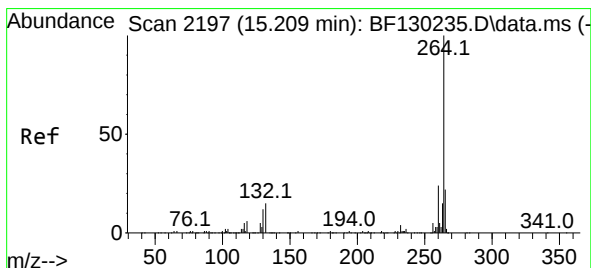
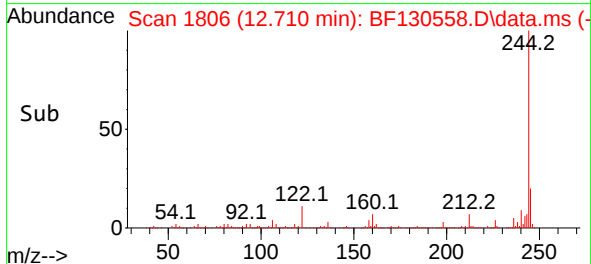
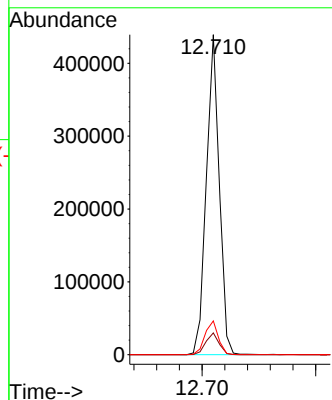


#79  
Terphenyl-d14  
Concen: 42.570 ng  
RT: 12.710 min Scan# 1806  
Delta R.T. -0.006 min  
Lab File: BF130558.D  
Acq: 06 Oct 2022 19:17

Instrument :  
BNA\_F  
ClientSampleId :  
SB-09-0-2.0



Tgt Ion:244 Resp: 346637  
Ion Ratio Lower Upper  
244 100  
212 6.8 5.9 8.9  
122 10.6 8.5 12.7



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.139 min Scan# 2219  
Delta R.T. -0.006 min  
Lab File: BF130558.D  
Acq: 06 Oct 2022 19:17

Tgt Ion:264 Resp: 179073  
Ion Ratio Lower Upper  
264 100  
260 23.4 19.3 28.9  
265 21.6 17.0 25.4

