

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091223\  
 Data File : BF135201.D  
 Acq On : 13 Sep 2023 02:21  
 Operator : CG\JU  
 Sample : PB155443BL  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB155443BL

Quant Time: Sep 13 07:40:57 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 00:19:07 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.763  | 152  | 147661   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.039  | 136  | 572612   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.798  | 164  | 300135   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.286 | 188  | 590499   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.945 | 240  | 329801   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.403 | 264  | 312581   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.398  | 112  | 860537   | 94.786  | ng    | 0.01     |
| 7) Phenol-d6                | 6.404  | 99   | 1086973  | 94.158  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.328  | 82   | 678094   | 64.338  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.592 | 330  | 299221   | 100.322 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.122  | 172  | 1250561  | 62.863  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.892 | 244  | 1410854  | 66.316  | ng    | 0.00     |

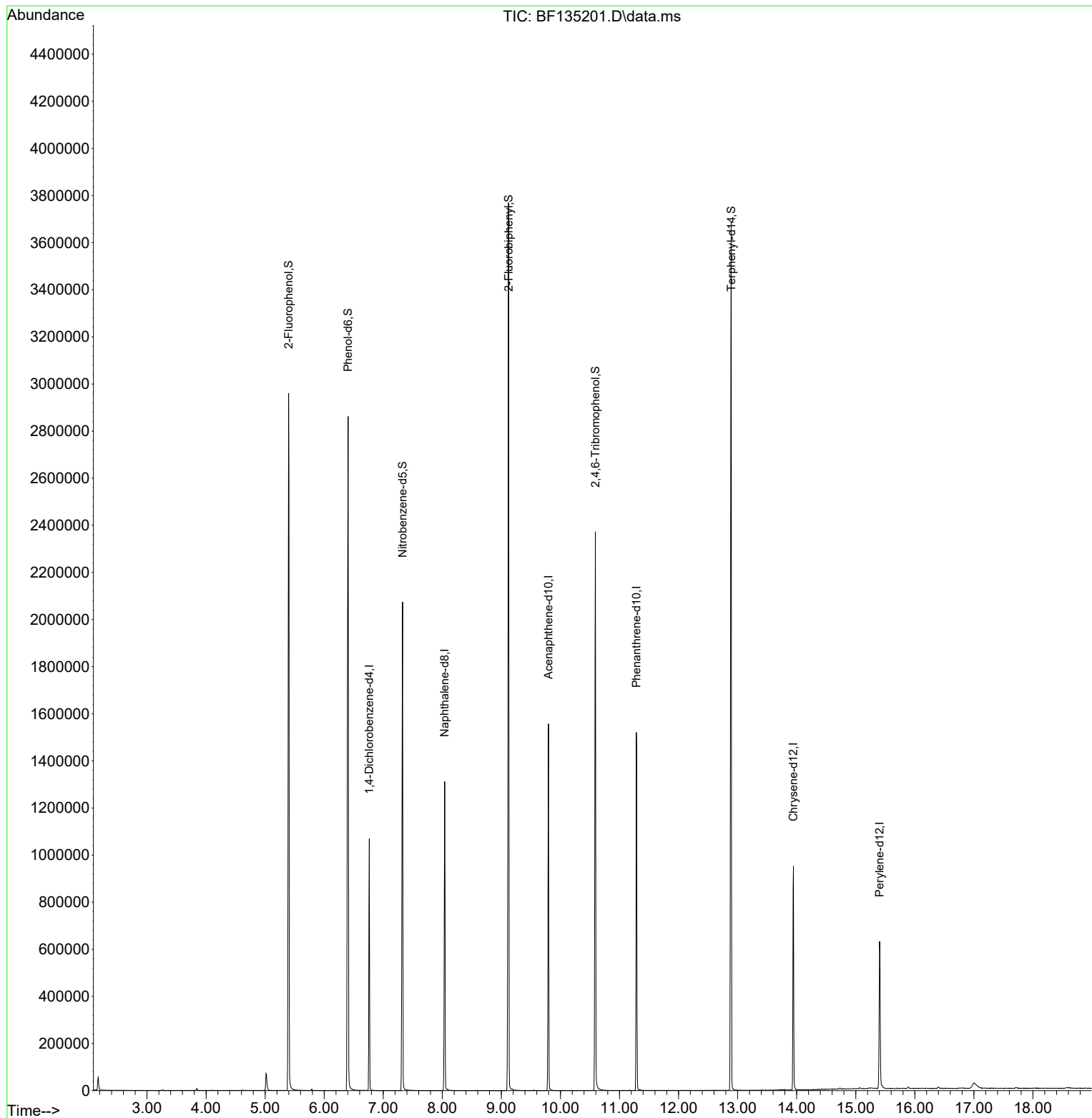
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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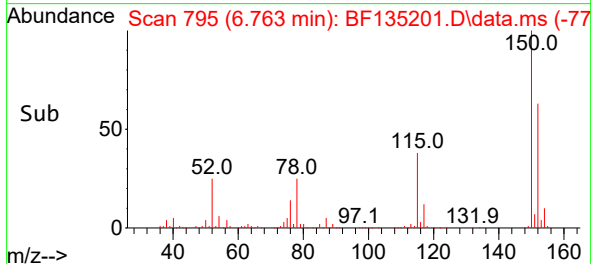
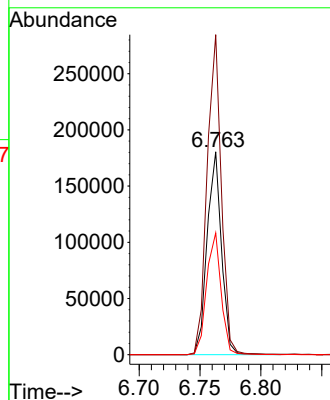
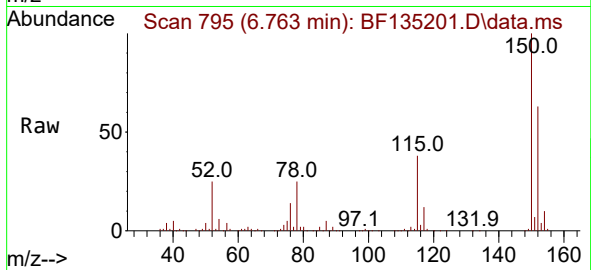




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.763 min Scan# 795  
Delta R.T. -0.000 min  
Lab File: BF135201.D  
Acq: 13 Sep 2023 02:21

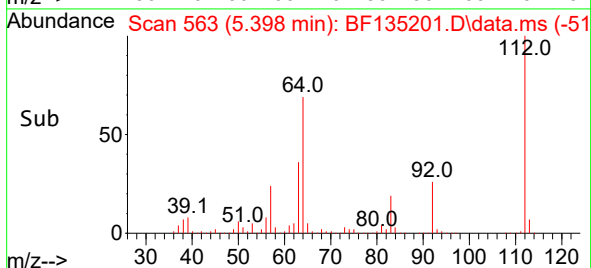
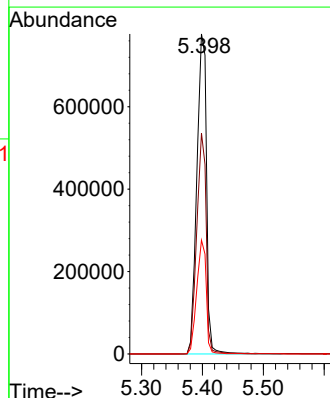
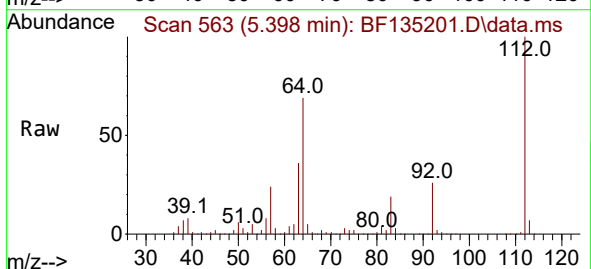
Instrument :  
BNA\_F  
ClientSampleId :  
PB155443BL

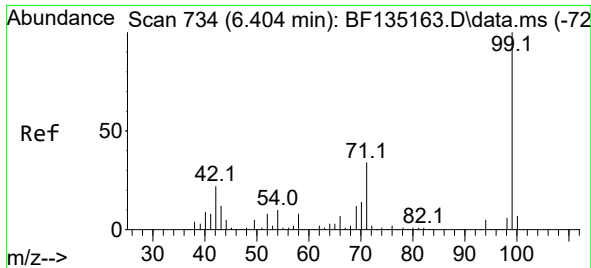
Tgt Ion:152 Resp: 147661  
Ion Ratio Lower Upper  
152 100  
150 157.7 127.8 191.6  
115 60.0 49.8 74.8



#5  
2-Fluorophenol  
Concen: 94.786 ng  
RT: 5.398 min Scan# 563  
Delta R.T. 0.012 min  
Lab File: BF135201.D  
Acq: 13 Sep 2023 02:21

Tgt Ion:112 Resp: 860537  
Ion Ratio Lower Upper  
112 100  
64 69.0 55.9 83.9  
63 35.5 29.0 43.6

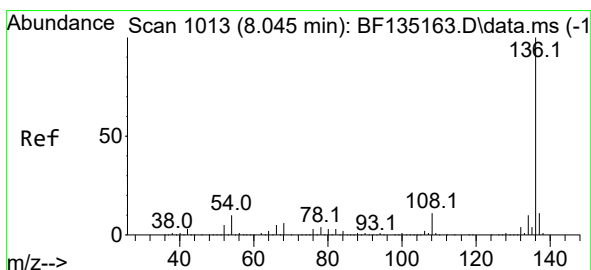
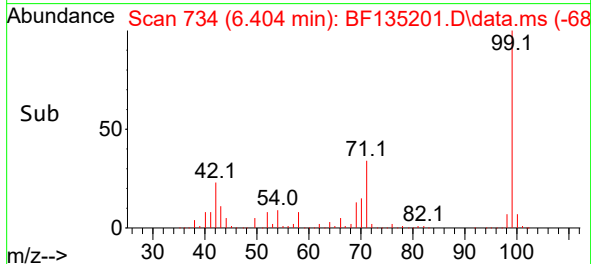
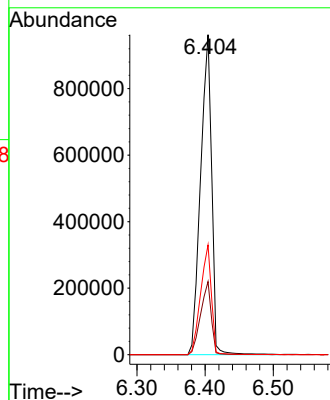
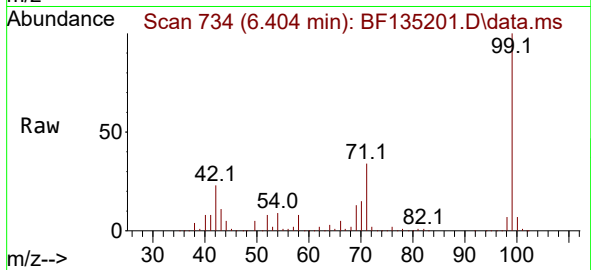




#7  
Phenol-d6  
Concen: 94.158 ng  
RT: 6.404 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF135201.D  
Acq: 13 Sep 2023 02:21

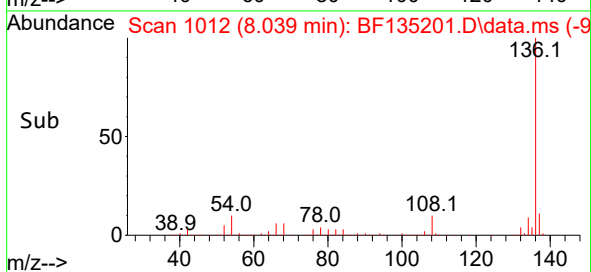
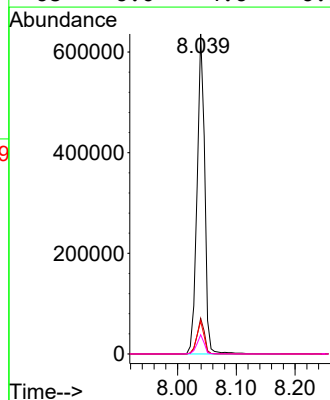
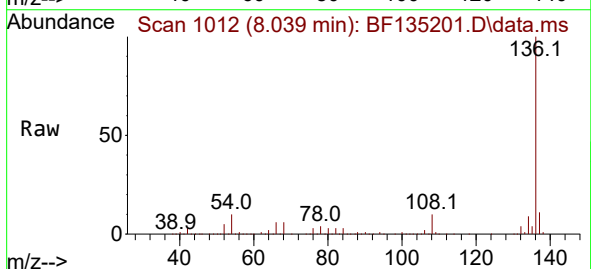
Instrument :  
BNA\_F  
ClientSampleId :  
PB155443BL

Tgt Ion: 99 Resp: 1086973  
Ion Ratio Lower Upper  
99 100  
42 22.9 17.9 26.9  
71 34.3 27.0 40.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.039 min Scan# 1012  
Delta R.T. -0.006 min  
Lab File: BF135201.D  
Acq: 13 Sep 2023 02:21

Tgt Ion:136 Resp: 572612  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.8 13.2  
54 10.2 7.7 11.5  
68 6.0 4.6 6.8





#23

Nitrobenzene-d5

Concen: 64.338 ng

RT: 7.328 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF135201.D

Acq: 13 Sep 2023 02:21

Instrument :

BNA\_F

ClientSampleId :

PB155443BL

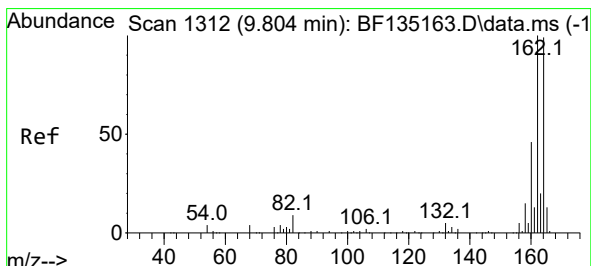
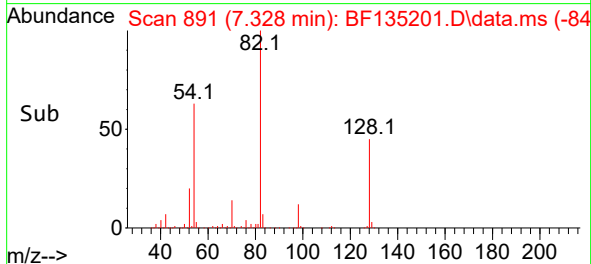
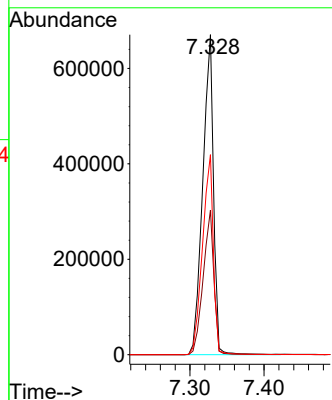
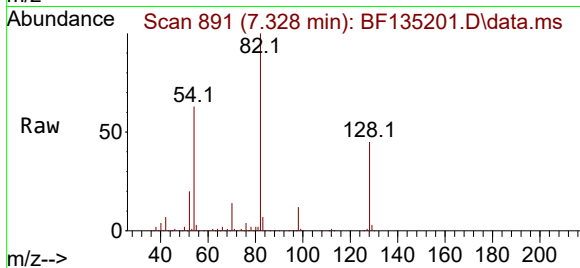
Tgt Ion: 82 Resp: 678094

Ion Ratio Lower Upper

82 100

128 45.2 35.8 53.6

54 62.5 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1311

Delta R.T. -0.006 min

Lab File: BF135201.D

Acq: 13 Sep 2023 02:21

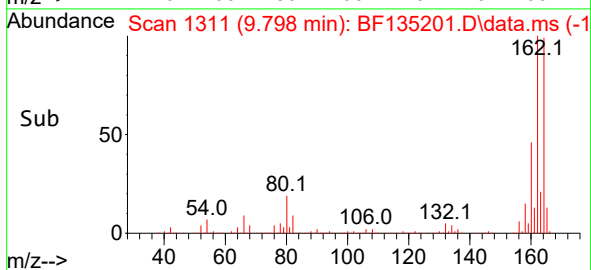
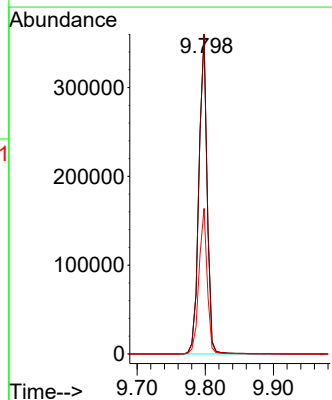
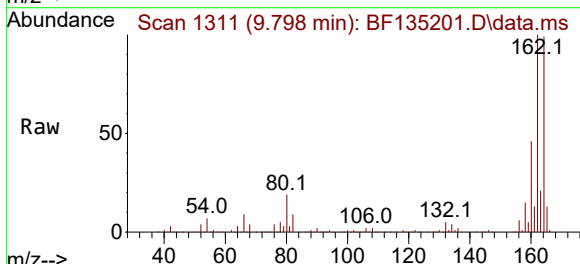
Tgt Ion: 164 Resp: 300135

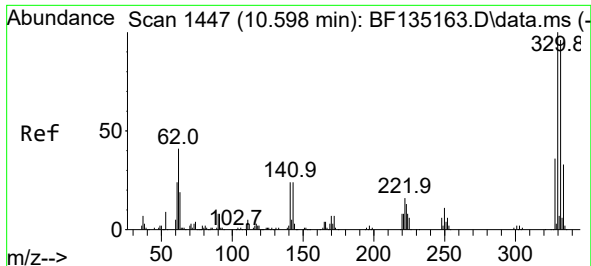
Ion Ratio Lower Upper

164 100

162 100.7 81.0 121.4

160 45.8 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 100.322 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF135201.D

Acq: 13 Sep 2023 02:21

Instrument :

BNA\_F

ClientSampleId :

PB155443BL

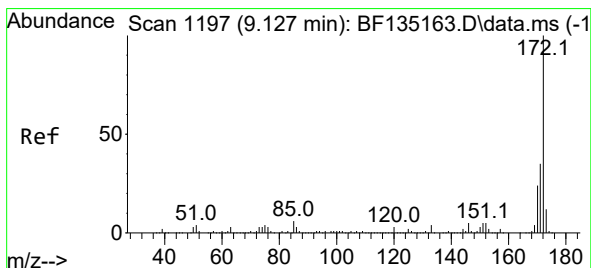
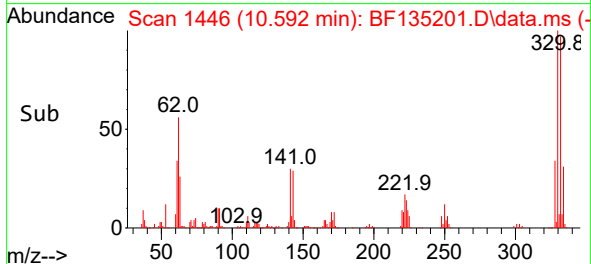
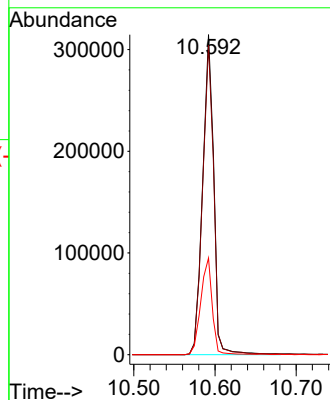
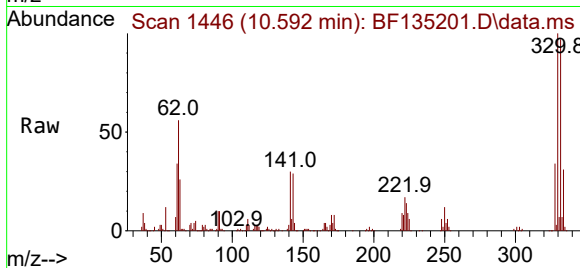
Tgt Ion:330 Resp: 299221

Ion Ratio Lower Upper

330 100

332 97.6 77.3 115.9

141 31.4 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 62.863 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF135201.D

Acq: 13 Sep 2023 02:21

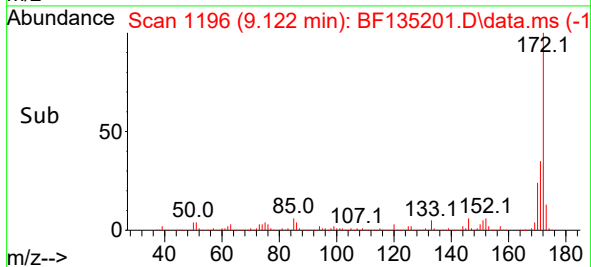
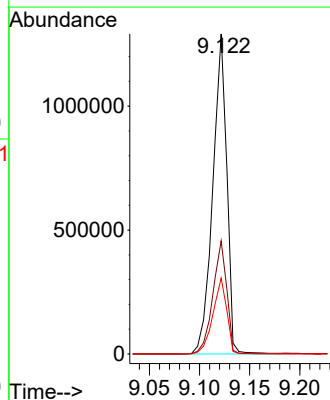
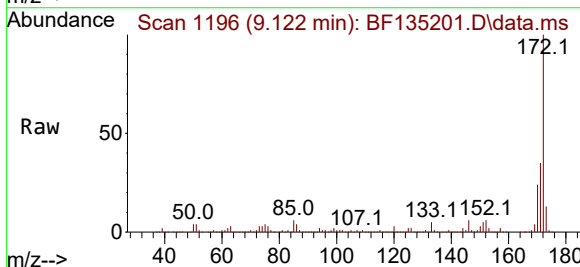
Tgt Ion:172 Resp: 1250561

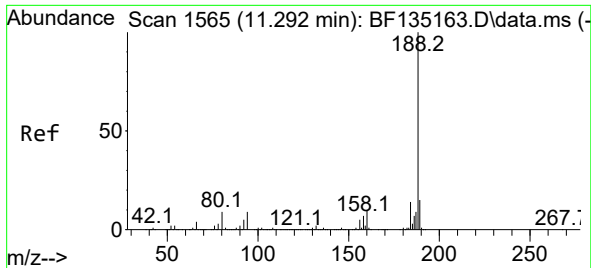
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.7 19.0 28.4

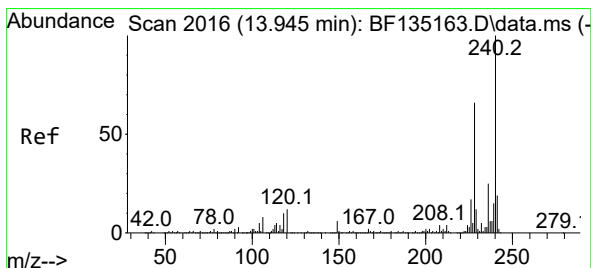
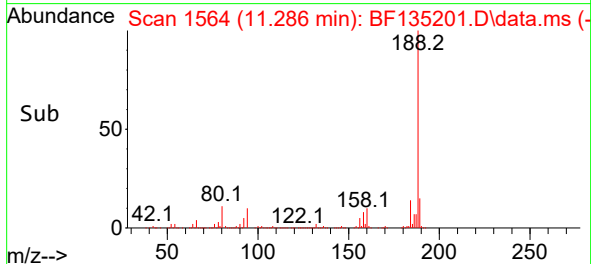
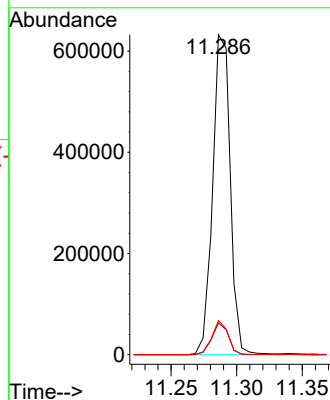
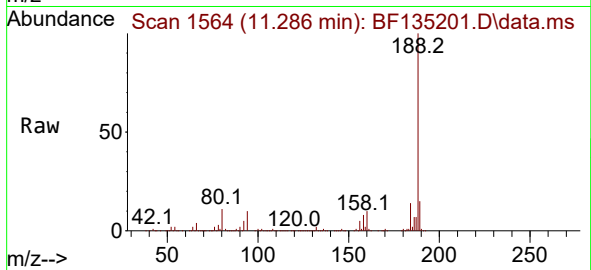




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.286 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF135201.D  
Acq: 13 Sep 2023 02:21

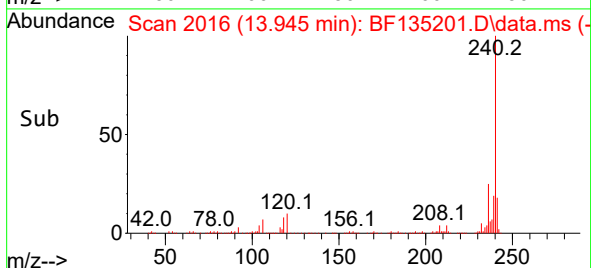
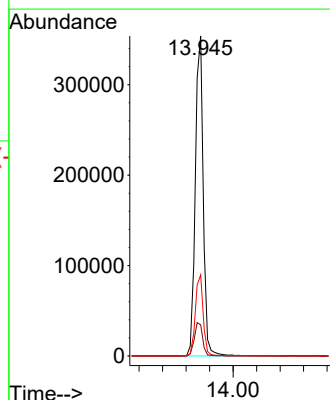
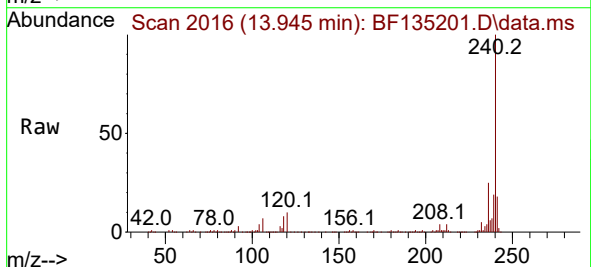
Instrument :  
BNA\_F  
ClientSampleId :  
PB155443BL

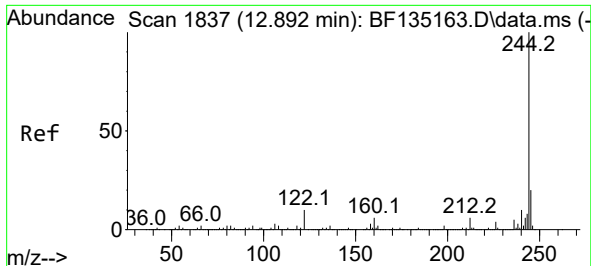
Tgt Ion:188 Resp: 590499  
Ion Ratio Lower Upper  
188 100  
94 9.9 7.0 10.6  
80 10.7 7.5 11.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.945 min Scan# 2016  
Delta R.T. 0.000 min  
Lab File: BF135201.D  
Acq: 13 Sep 2023 02:21

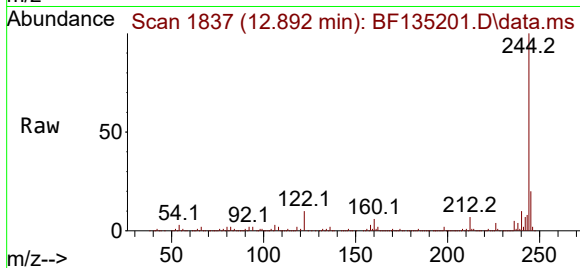
Tgt Ion:240 Resp: 329801  
Ion Ratio Lower Upper  
240 100  
120 9.8 9.4 14.2  
236 25.3 19.8 29.8



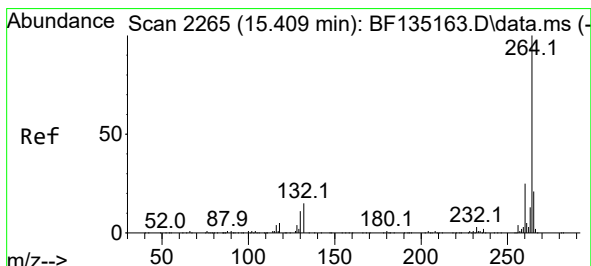
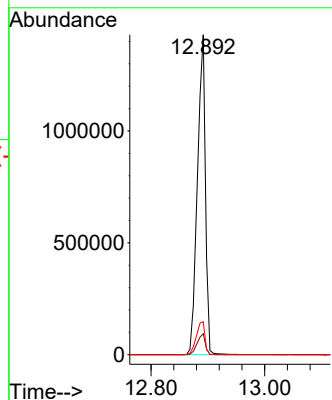
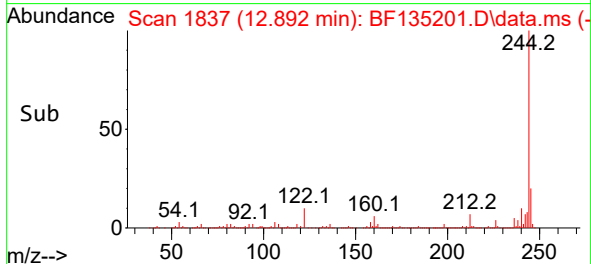


#79  
 Terphenyl-d14  
 Concen: 66.316 ng  
 RT: 12.892 min Scan# 1837  
 Delta R.T. 0.000 min  
 Lab File: BF135201.D  
 Acq: 13 Sep 2023 02:21

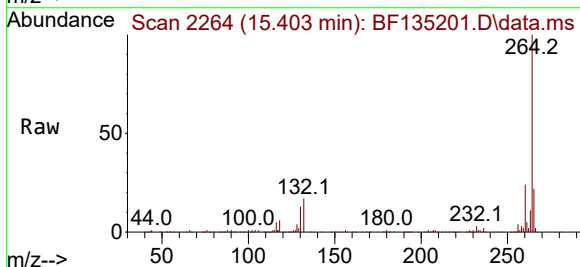
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB155443BL



Tgt Ion:244 Resp: 1410854  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.1 7.7  
 122 10.3 7.9 11.9



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.403 min Scan# 2264  
 Delta R.T. -0.006 min  
 Lab File: BF135201.D  
 Acq: 13 Sep 2023 02:21



Tgt Ion:264 Resp: 312581  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 19.8 29.6  
 265 21.5 17.0 25.4

