

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100923\  
 Data File : BF135659.D  
 Acq On : 09 Oct 2023 19:38  
 Operator : CG\JU  
 Sample : 04731-03  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DTP-1

Quant Time: Oct 10 02:27:20 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 04 17:06:20 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.739  | 152  | 129002   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.016  | 136  | 487652   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.775  | 164  | 243451   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.269 | 188  | 401067   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.933 | 240  | 254136   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.404 | 264  | 271009   | 20.000  | ng    | 0.02     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.387  | 112  | 834084   | 105.161 | ng    | 0.02     |
| 7) Phenol-d6                | 6.392  | 99   | 949039   | 94.100  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.310  | 82   | 727565   | 81.058  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.574 | 330  | 262963   | 108.693 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.098  | 172  | 1272783  | 78.877  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.868 | 244  | 1060673  | 64.699  | ng    | 0.00     |

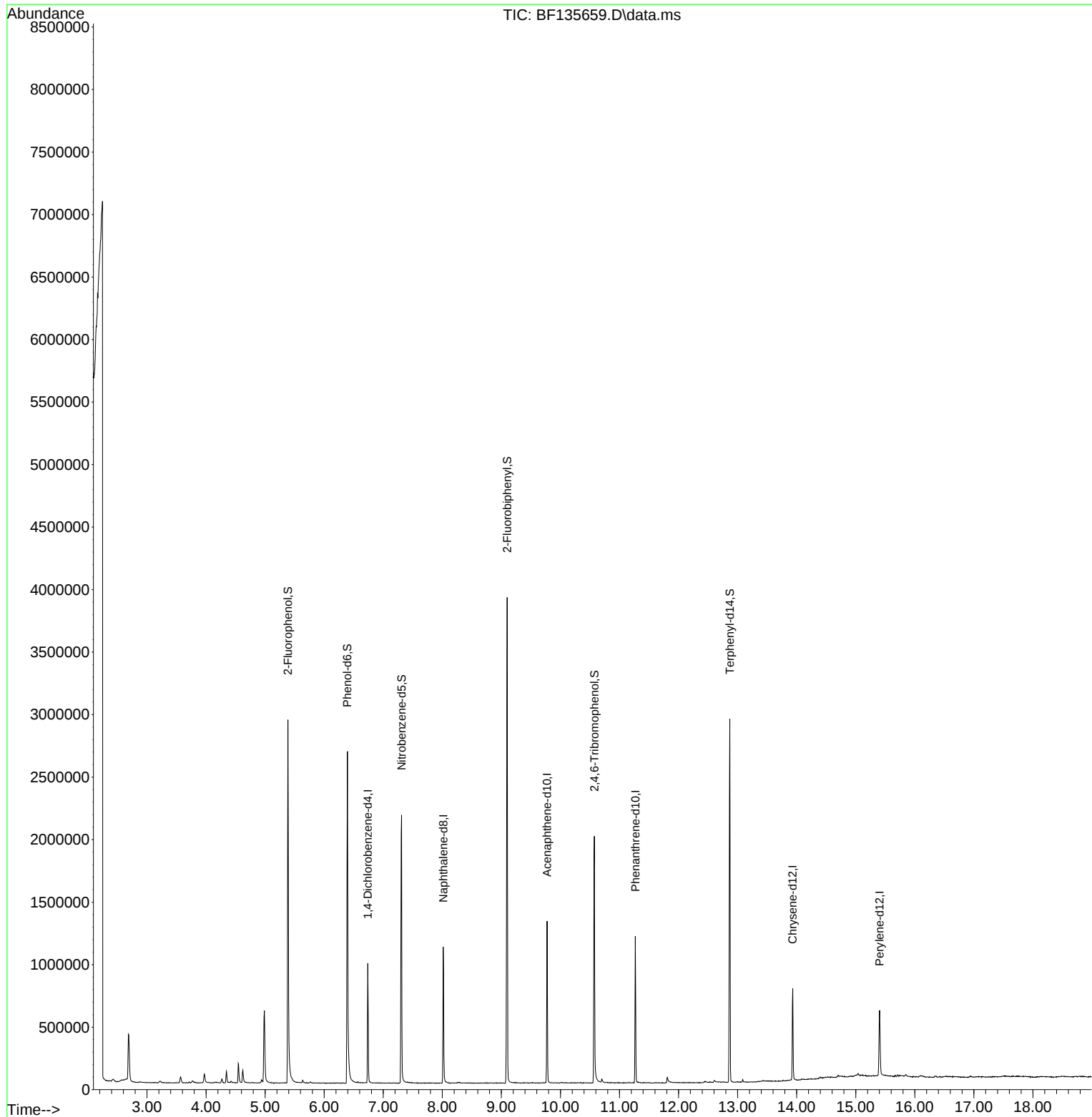
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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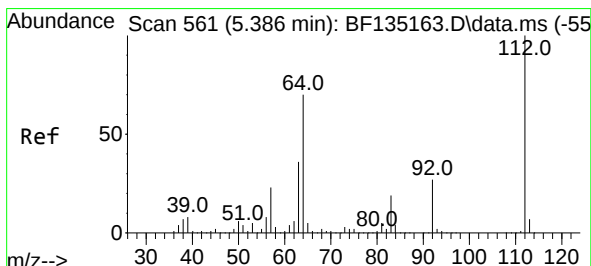
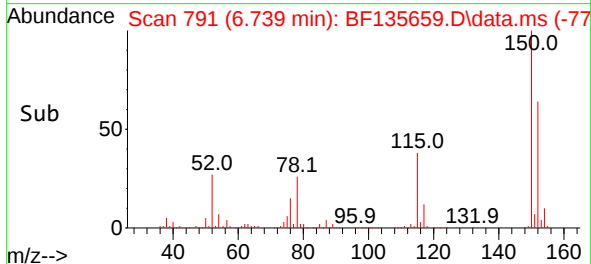
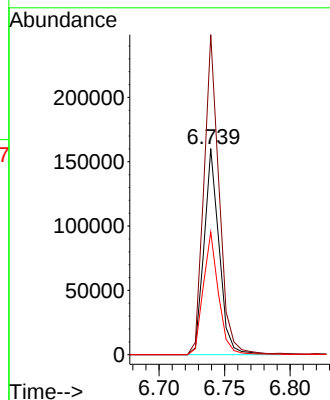
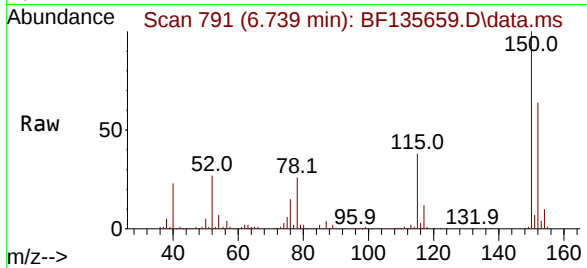




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.739 min Scan# 795  
Delta R.T. 0.000 min  
Lab File: BF135659.D  
Acq: 09 Oct 2023 19:38

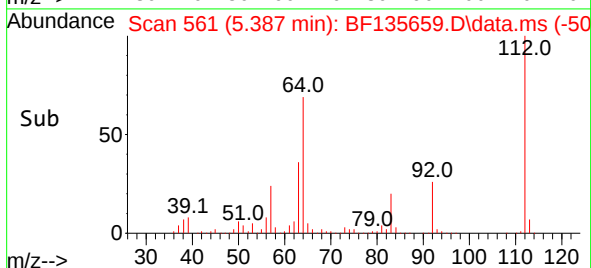
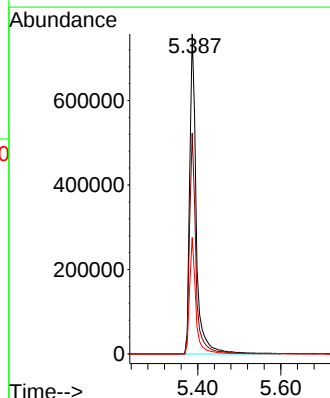
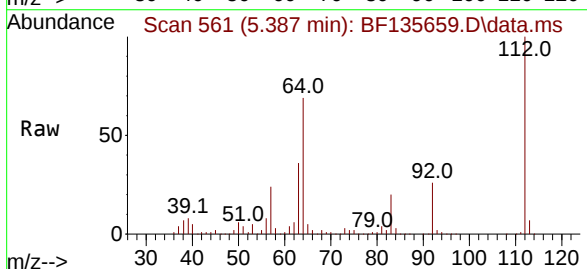
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-1

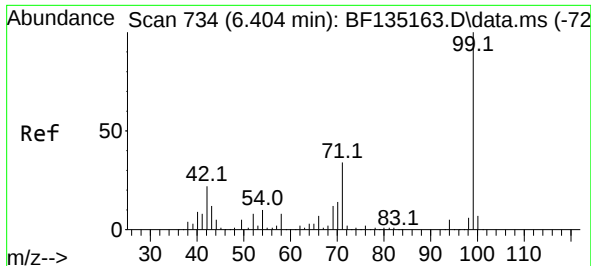
Tgt Ion:152 Resp: 129002  
Ion Ratio Lower Upper  
152 100  
150 155.3 127.8 191.6  
115 59.5 49.8 74.8



#5  
2-Fluorophenol  
Concen: 105.161 ng  
RT: 5.387 min Scan# 561  
Delta R.T. 0.018 min  
Lab File: BF135659.D  
Acq: 09 Oct 2023 19:38

Tgt Ion:112 Resp: 834084  
Ion Ratio Lower Upper  
112 100  
64 69.0 55.9 83.9  
63 36.4 29.0 43.6

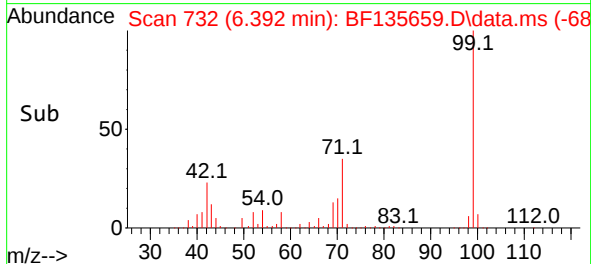
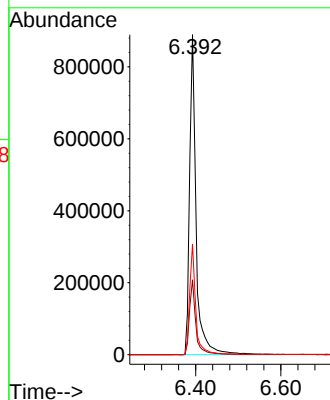
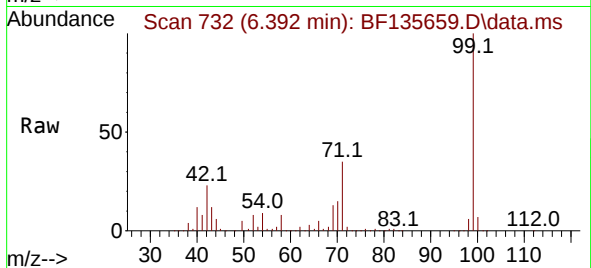




#7  
Phenol-d6  
Concen: 94.100 ng  
RT: 6.392 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF135659.D  
Acq: 09 Oct 2023 19:38

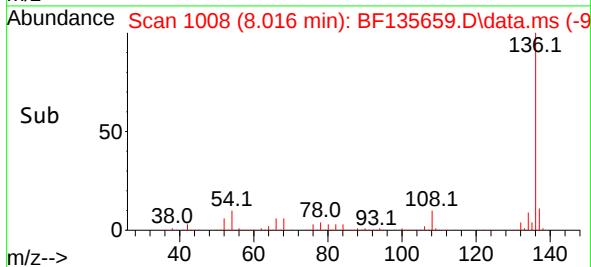
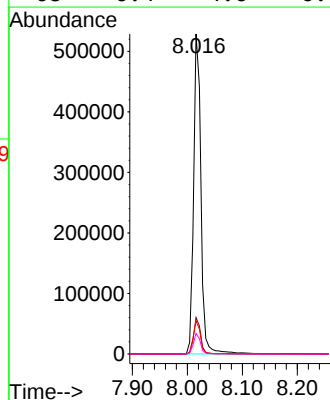
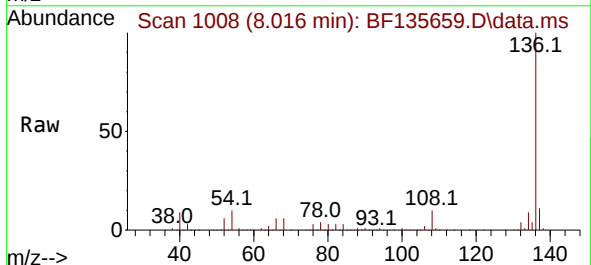
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-1

Tgt Ion: 99 Resp: 949039  
Ion Ratio Lower Upper  
99 100  
42 23.4 17.9 26.9  
71 34.6 27.0 40.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.016 min Scan# 1008  
Delta R.T. 0.000 min  
Lab File: BF135659.D  
Acq: 09 Oct 2023 19:38

Tgt Ion:136 Resp: 487652  
Ion Ratio Lower Upper  
136 100  
137 11.4 8.8 13.2  
54 10.4 7.7 11.5  
68 6.4 4.6 6.8

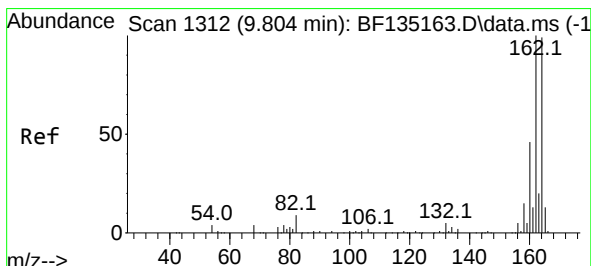
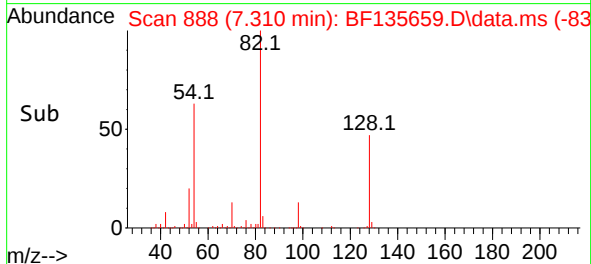
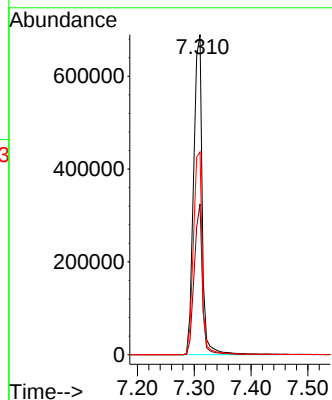
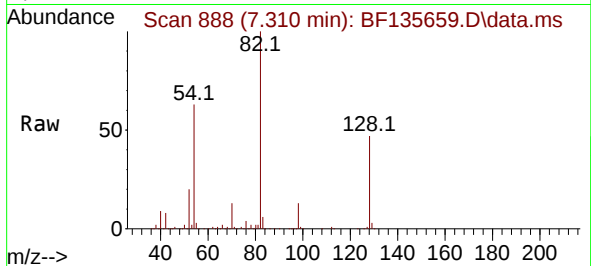




#23  
Nitrobenzene-d5  
Concen: 81.058 ng  
RT: 7.310 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF135659.D  
Acq: 09 Oct 2023 19:38

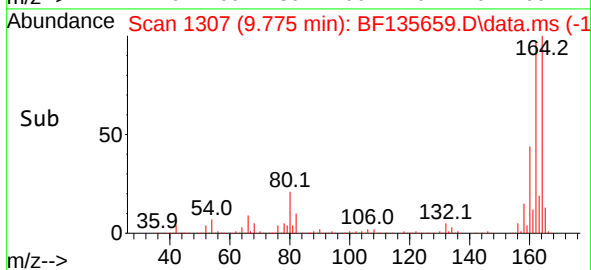
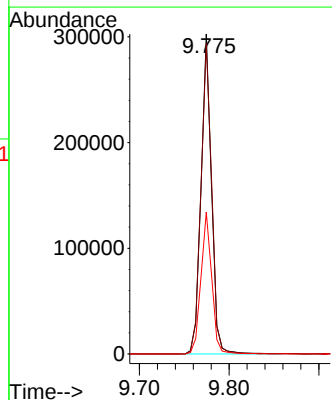
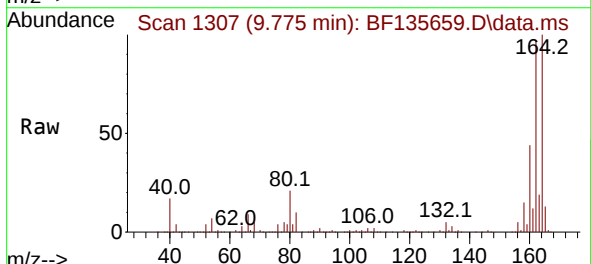
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-1

Tgt Ion: 82 Resp: 727565  
Ion Ratio Lower Upper  
82 100  
128 47.1 35.8 53.6  
54 63.3 50.6 76.0



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.775 min Scan# 1307  
Delta R.T. 0.000 min  
Lab File: BF135659.D  
Acq: 09 Oct 2023 19:38

Tgt Ion: 164 Resp: 243451  
Ion Ratio Lower Upper  
164 100  
162 97.0 81.0 121.4  
160 44.3 37.0 55.4

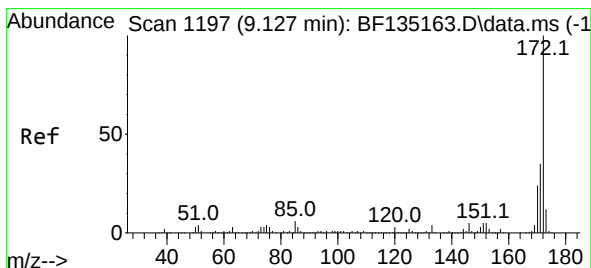
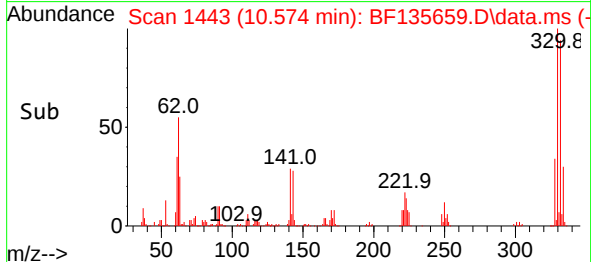
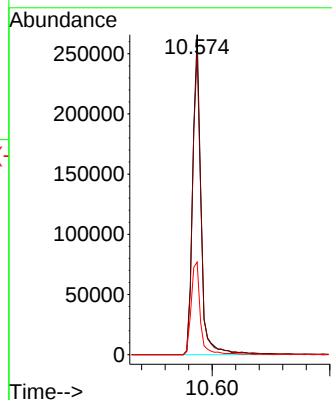
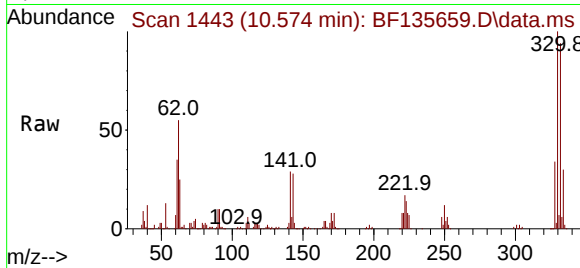




#42  
2,4,6-Tribromophenol  
Concen: 108.693 ng  
RT: 10.574 min Scan# 1443  
Delta R.T. 0.006 min  
Lab File: BF135659.D  
Acq: 09 Oct 2023 19:38

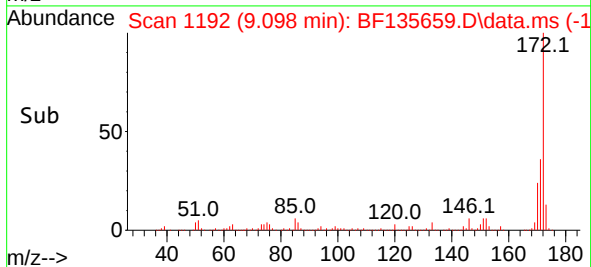
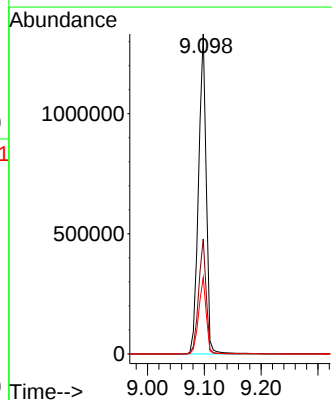
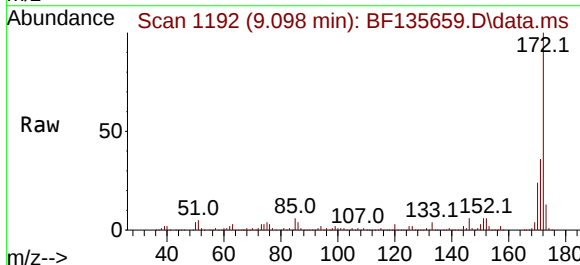
Instrument :  
BNA\_F  
ClientSampleId :  
DTP-1

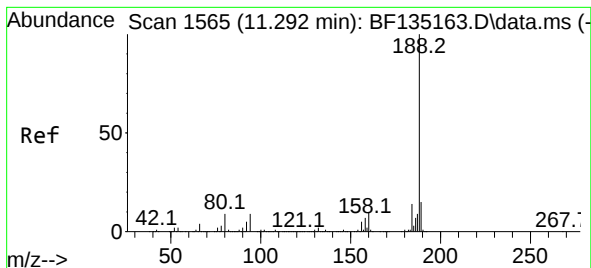
Tgt Ion:330 Resp: 262963  
Ion Ratio Lower Upper  
330 100  
332 96.0 77.3 115.9  
141 31.8 25.8 38.8



#45  
2-Fluorobiphenyl  
Concen: 78.877 ng  
RT: 9.098 min Scan# 1192  
Delta R.T. 0.000 min  
Lab File: BF135659.D  
Acq: 09 Oct 2023 19:38

Tgt Ion:172 Resp: 1272783  
Ion Ratio Lower Upper  
172 100  
171 36.0 28.4 42.6  
170 23.9 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135659.D

Acq: 09 Oct 2023 19:38

Instrument :

BNA\_F

ClientSampleId :

DTP-1

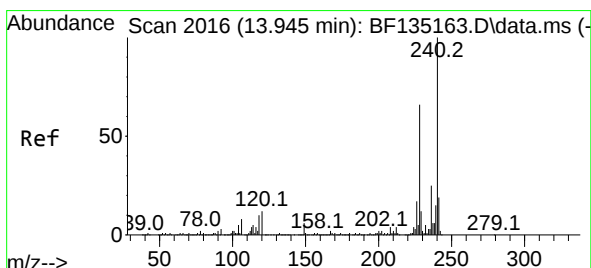
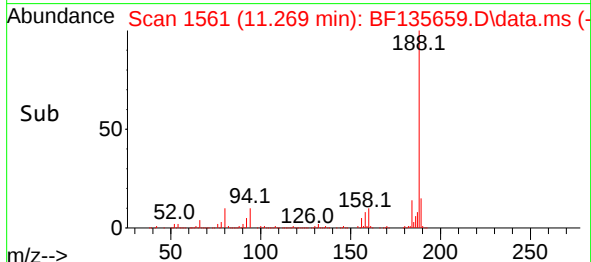
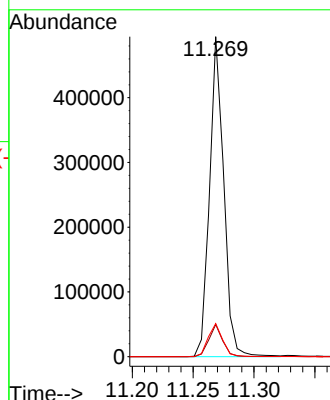
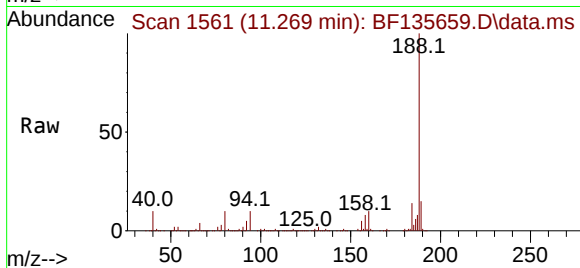
Tgt Ion:188 Resp: 401067

Ion Ratio Lower Upper

188 100

94 10.0 7.0 10.6

80 10.4 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.006 min

Lab File: BF135659.D

Acq: 09 Oct 2023 19:38

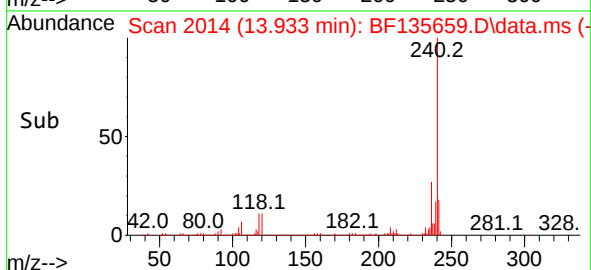
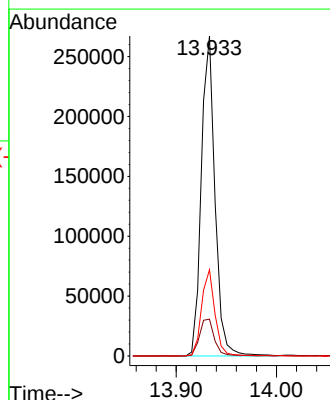
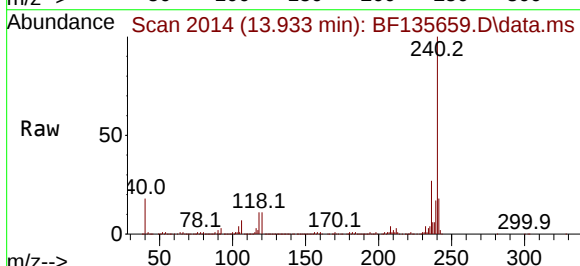
Tgt Ion:240 Resp: 254136

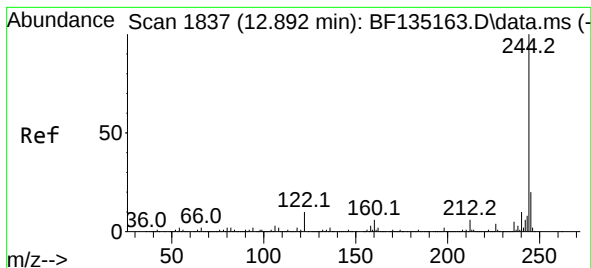
Ion Ratio Lower Upper

240 100

120 11.5 9.4 14.2

236 27.0 19.8 29.8





#79

Terphenyl-d14

Concen: 64.699 ng

RT: 12.868 min Scan# 1833

Delta R.T. 0.006 min

Lab File: BF135659.D

Acq: 09 Oct 2023 19:38

Instrument :

BNA\_F

ClientSampleId :

DTP-1

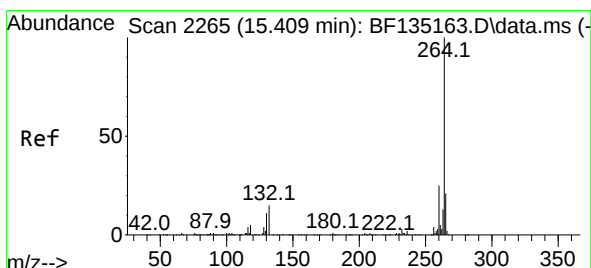
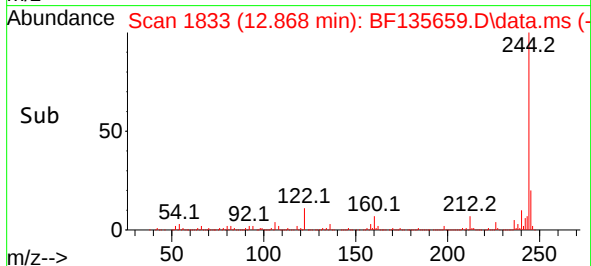
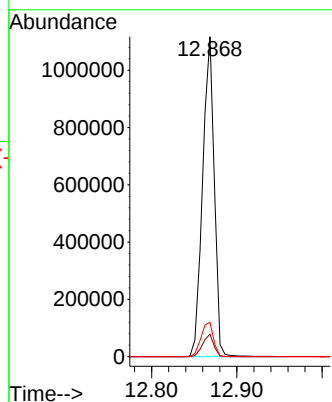
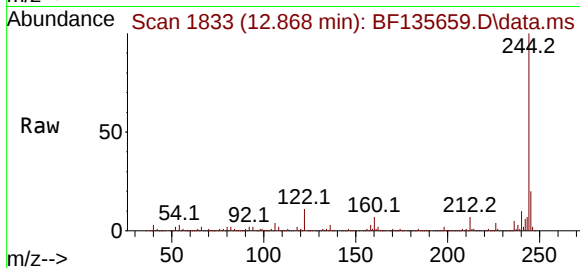
Tgt Ion:244 Resp: 1060673

Ion Ratio Lower Upper

244 100

212 7.0 5.1 7.7

122 10.8 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.018 min

Lab File: BF135659.D

Acq: 09 Oct 2023 19:38

Tgt Ion:264 Resp: 271009

Ion Ratio Lower Upper

264 100

260 23.8 19.8 29.6

265 21.2 17.0 25.4

