

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100623\  
 Data File : BF135630.D  
 Acq On : 06 Oct 2023 15:43  
 Operator : CG\JU  
 Sample : 04714-09  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-3

Quant Time: Oct 06 16:11:12 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

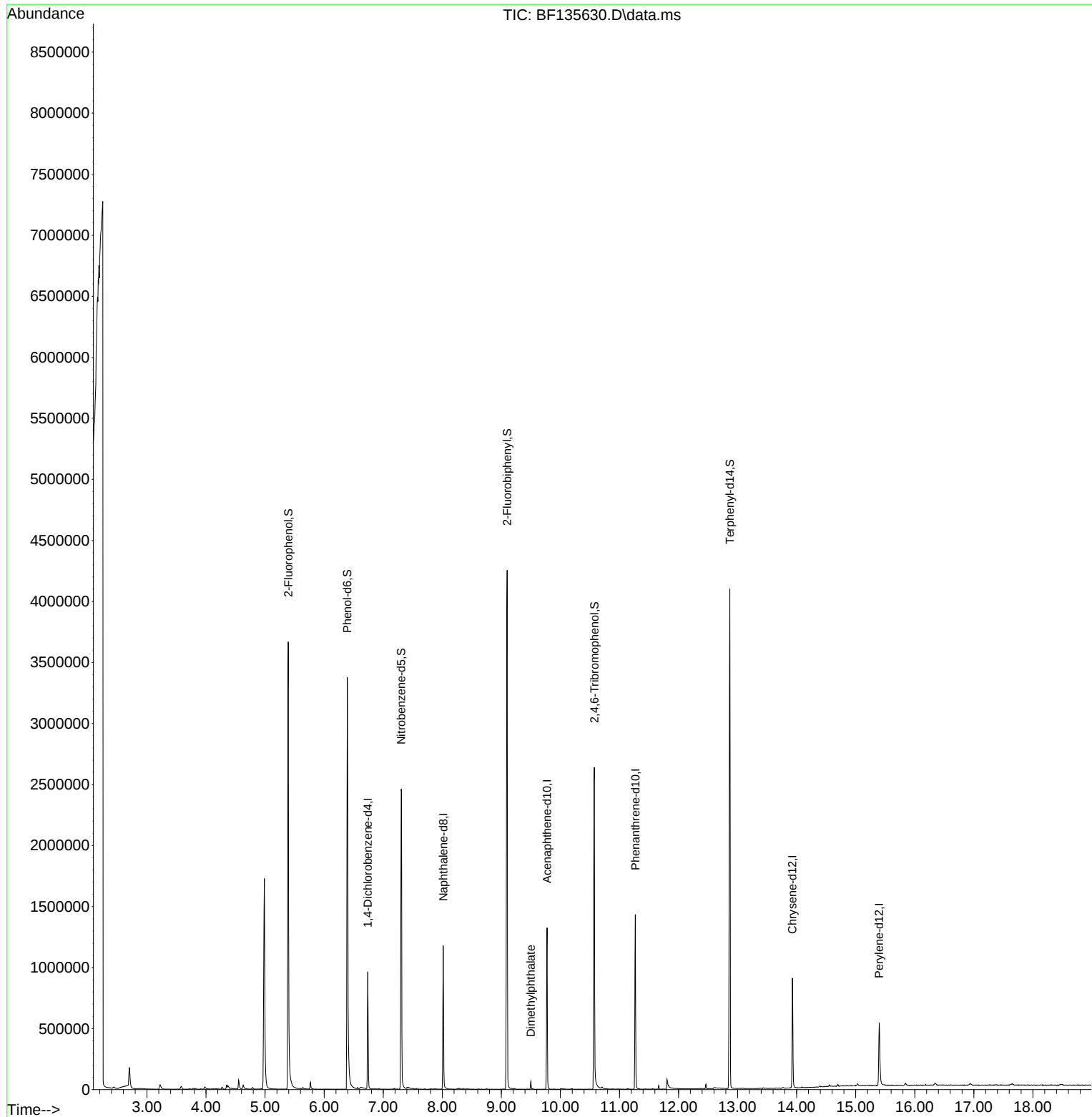
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|---------|-------|-----------|
| -----                       |        |      |          |         |       |           |
| Internal Standards          |        |      |          |         |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 6.740  | 152  | 130435   | 20.000  | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.016  | 136  | 513902   | 20.000  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.775  | 164  | 265081   | 20.000  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.269 | 188  | 519158   | 20.000  | ng    | 0.00      |
| 76) Chrysene-d12            | 13.927 | 240  | 302344   | 20.000  | ng    | 0.00      |
| 86) Perylene-d12            | 15.398 | 264  | 265445   | 20.000  | ng    | 0.01      |
| System Monitoring Compounds |        |      |          |         |       |           |
| 5) 2-Fluorophenol           | 5.393  | 112  | 1069667  | 133.381 | ng    | 0.02      |
| 7) Phenol-d6                | 6.393  | 99   | 1258111  | 123.375 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.304  | 82   | 885495   | 93.614  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 10.575 | 330  | 358966   | 136.268 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.098  | 172  | 1519252  | 86.469  | ng    | 0.00      |
| 79) Terphenyl-d14           | 12.869 | 244  | 1619755  | 83.049  | ng    | 0.00      |
| Target Compounds            |        |      |          |         |       |           |
| 50) Dimethylphthalate       | 9.498  | 163  | 25440    | 1.419   | ng    | Qvalue 99 |
| -----                       |        |      |          |         |       |           |

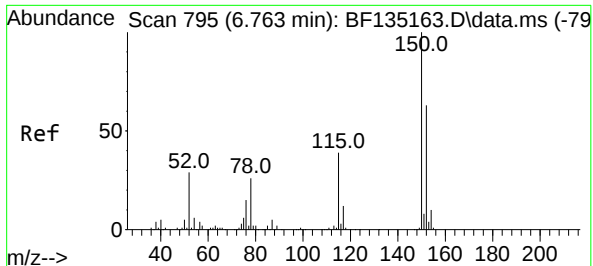
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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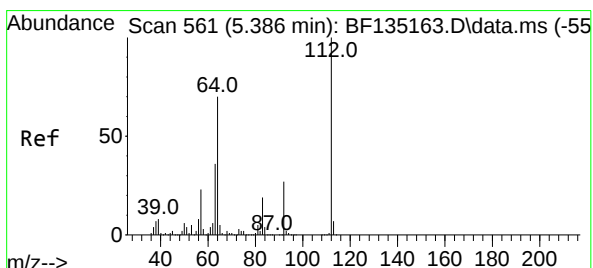
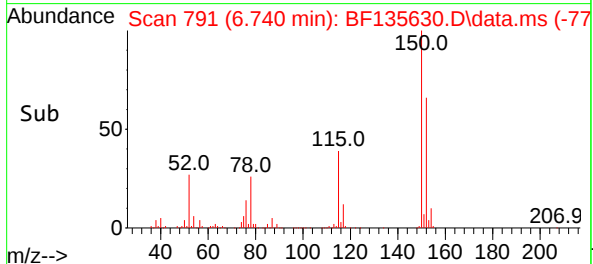
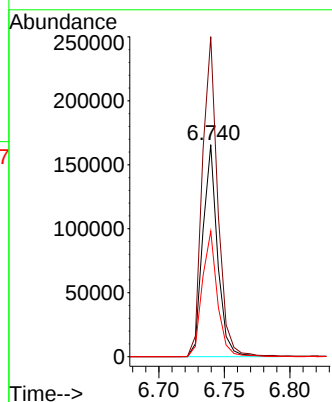
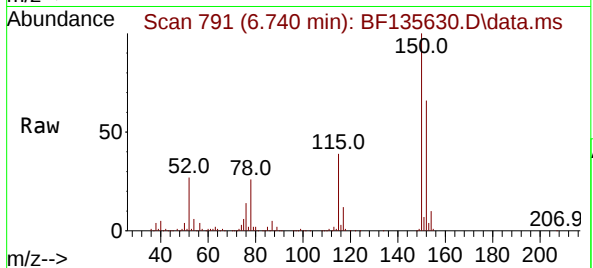




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.740 min Scan# 795  
Delta R.T. 0.001 min  
Lab File: BF135630.D  
Acq: 06 Oct 2023 15:43

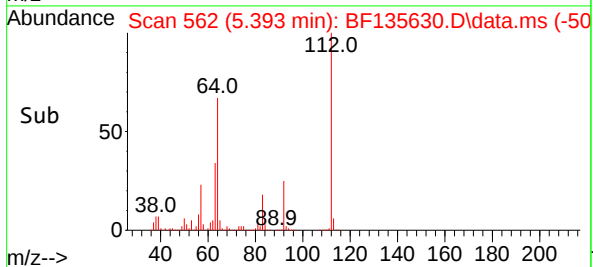
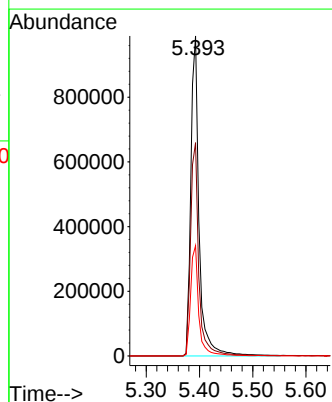
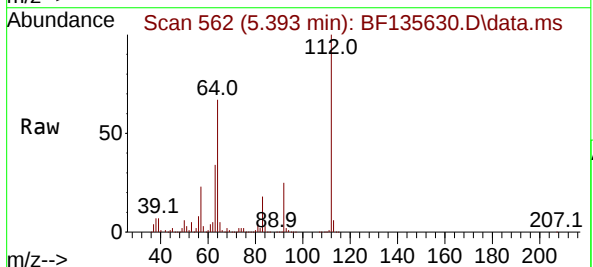
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3

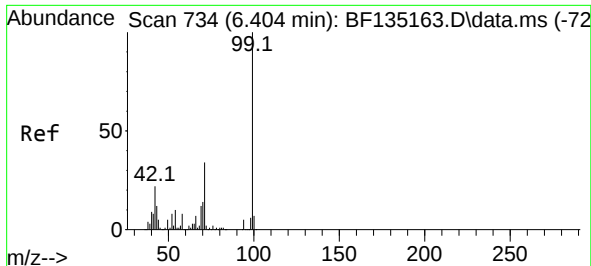
Tgt Ion:152 Resp: 130435  
Ion Ratio Lower Upper  
152 100  
150 150.9 127.8 191.6  
115 59.2 49.8 74.8



#5  
2-Fluorophenol  
Concen: 133.381 ng  
RT: 5.393 min Scan# 562  
Delta R.T. 0.024 min  
Lab File: BF135630.D  
Acq: 06 Oct 2023 15:43

Tgt Ion:112 Resp: 1069667  
Ion Ratio Lower Upper  
112 100  
64 66.6 55.9 83.9  
63 34.5 29.0 43.6



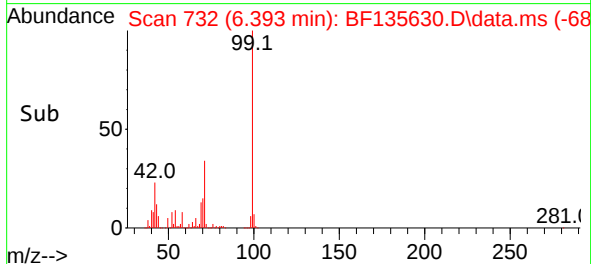
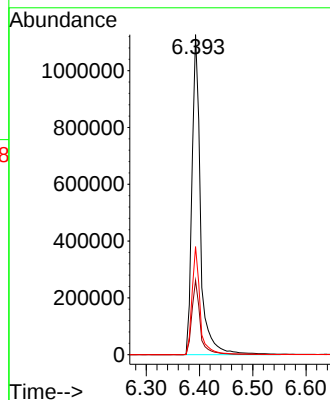
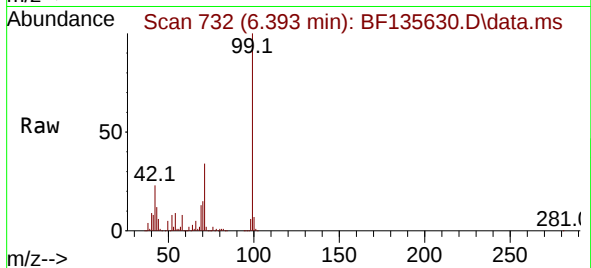


#7  
Phenol-d6  
Concen: 123.375 ng  
RT: 6.393 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF135630.D  
Acq: 06 Oct 2023 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
TP-3

Tgt Ion: 99 Resp: 1258111

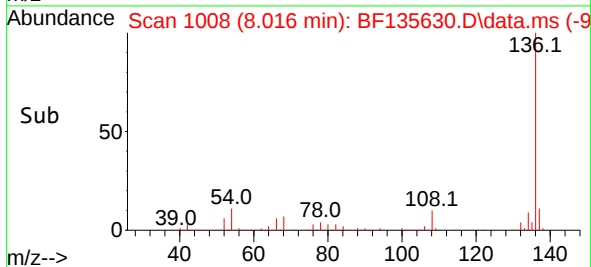
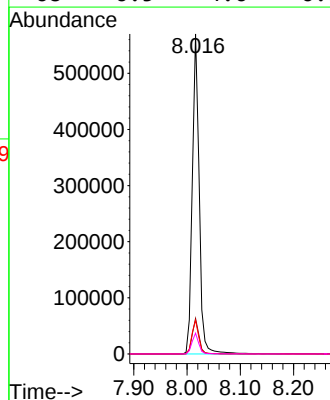
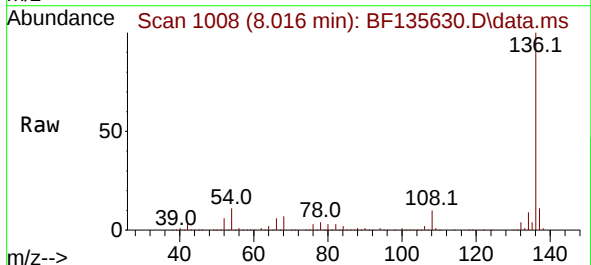
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 23.2  | 17.9  | 26.9  |
| 71  | 33.8  | 27.0  | 40.6  |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.016 min Scan# 1008  
Delta R.T. 0.000 min  
Lab File: BF135630.D  
Acq: 06 Oct 2023 15:43

Tgt Ion: 136 Resp: 513902

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 8.8   | 13.2  |
| 54  | 10.6  | 7.7   | 11.5  |
| 68  | 6.5   | 4.6   | 6.8   |





#23

Nitrobenzene-d5

Concen: 93.614 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135630.D

Acq: 06 Oct 2023 15:43

Instrument :

BNA\_F

ClientSampleId :

TP-3

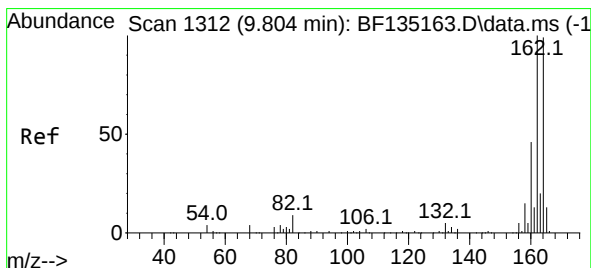
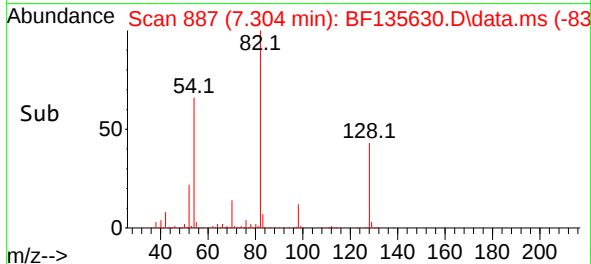
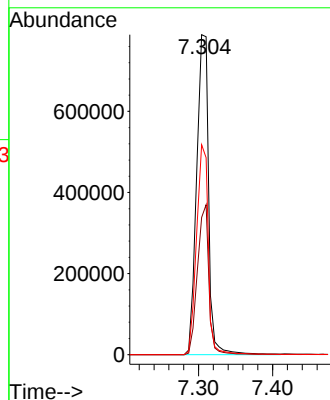
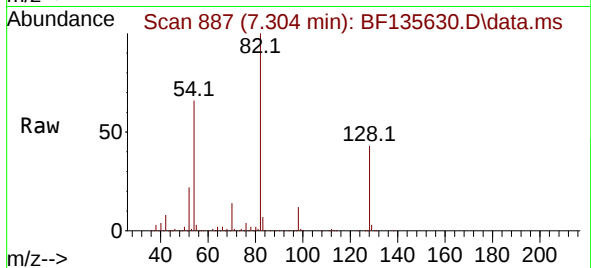
Tgt Ion: 82 Resp: 885495

Ion Ratio Lower Upper

82 100

128 42.9 35.8 53.6

54 65.6 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: BF135630.D

Acq: 06 Oct 2023 15:43

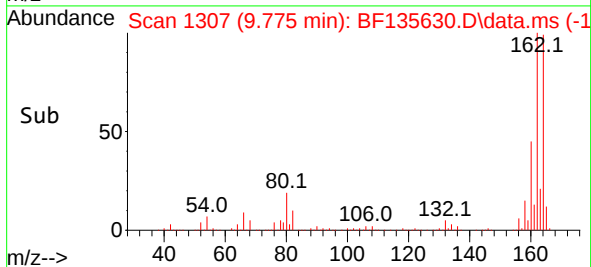
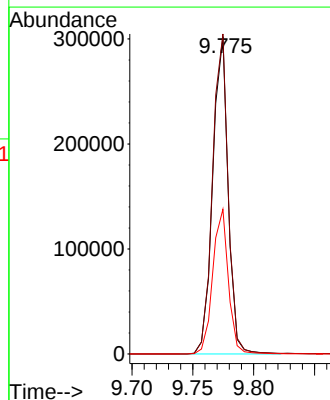
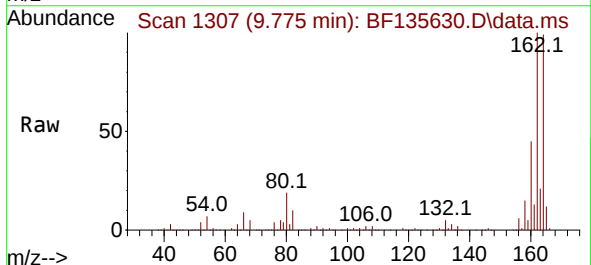
Tgt Ion:164 Resp: 265081

Ion Ratio Lower Upper

164 100

162 100.8 81.0 121.4

160 45.5 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 136.268 ng

RT: 10.575 min Scan# 1443

Delta R.T. 0.006 min

Lab File: BF135630.D

Acq: 06 Oct 2023 15:43

Instrument :

BNA\_F

ClientSampleId :

TP-3

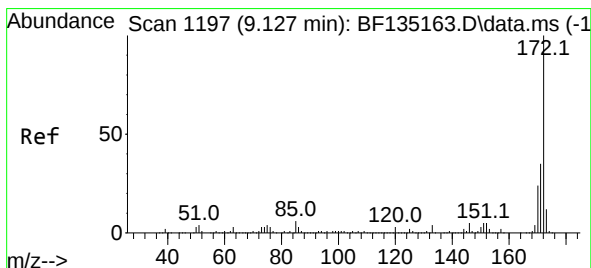
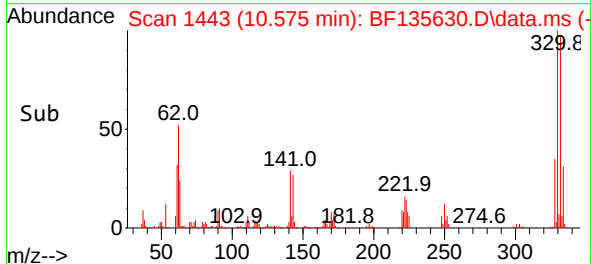
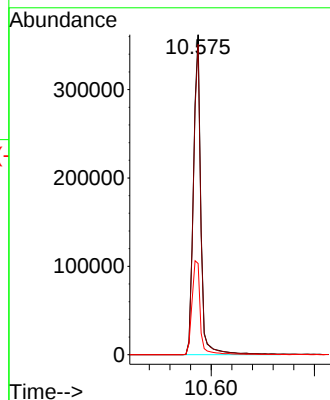
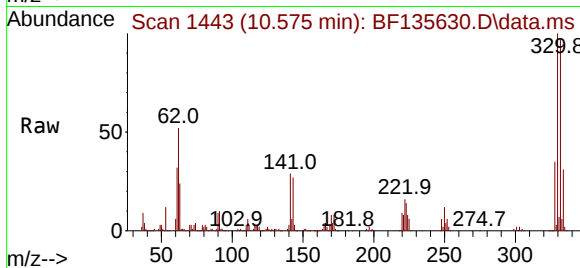
Tgt Ion:330 Resp: 358966

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

141 33.0 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 86.469 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF135630.D

Acq: 06 Oct 2023 15:43

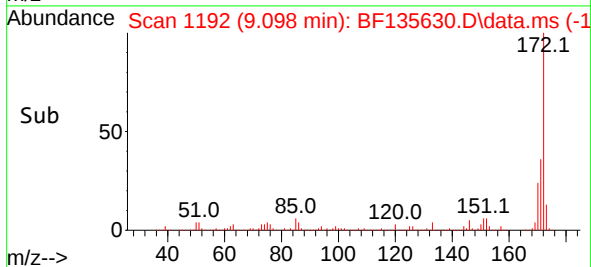
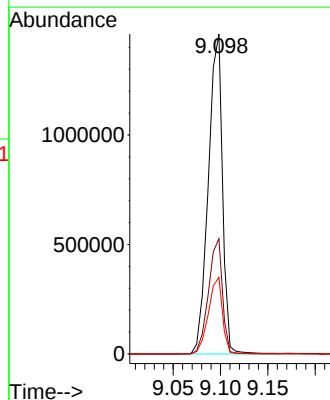
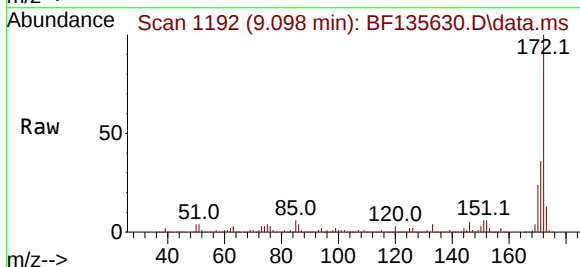
Tgt Ion:172 Resp: 1519252

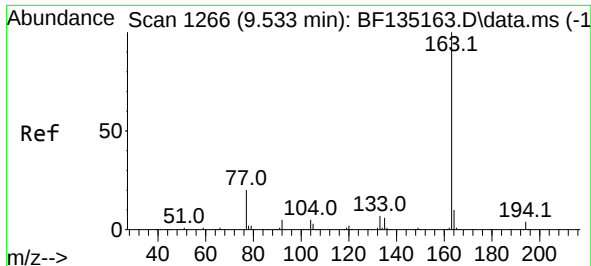
Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

170 23.9 19.0 28.4

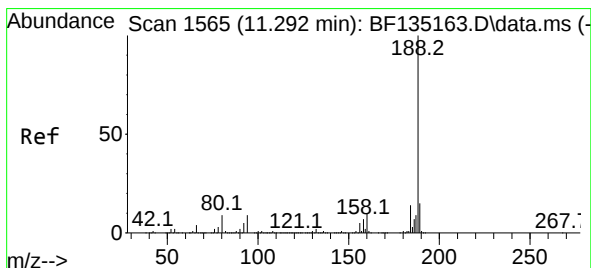
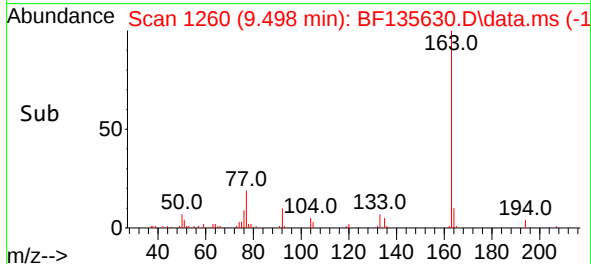
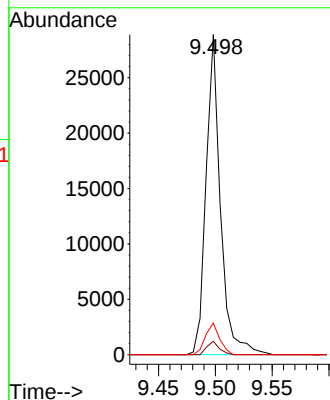
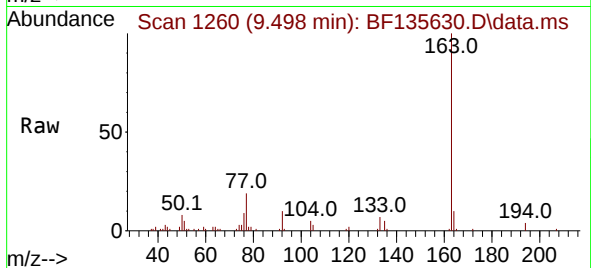




#50  
Dimethylphthalate  
Concen: 1.419 ng  
RT: 9.498 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF135630.D  
Acq: 06 Oct 2023 15:43

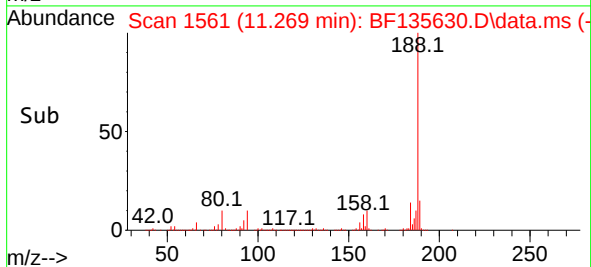
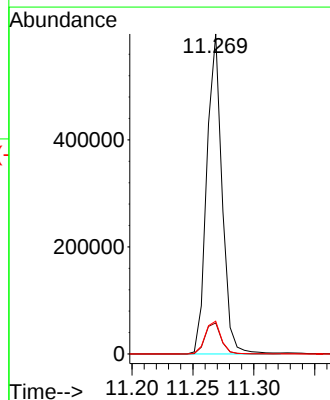
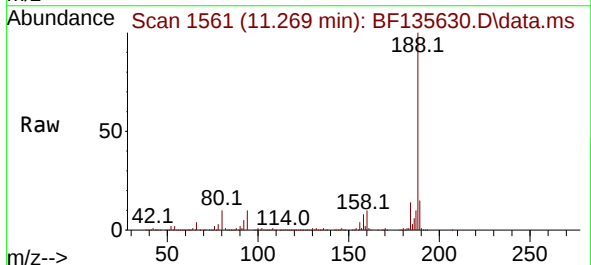
Instrument :  
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TP-3

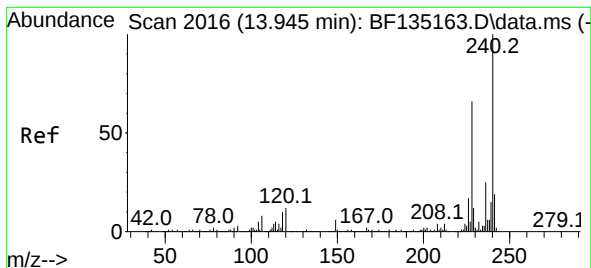
Tgt Ion:163 Resp: 25440  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.1 4.7  
164 9.8 8.1 12.1



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.269 min Scan# 1561  
Delta R.T. 0.000 min  
Lab File: BF135630.D  
Acq: 06 Oct 2023 15:43

Tgt Ion:188 Resp: 519158  
Ion Ratio Lower Upper  
188 100  
94 9.7 7.0 10.6  
80 10.2 7.5 11.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.927 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF135630.D

Acq: 06 Oct 2023 15:43

Instrument :

BNA\_F

ClientSampleId :

TP-3

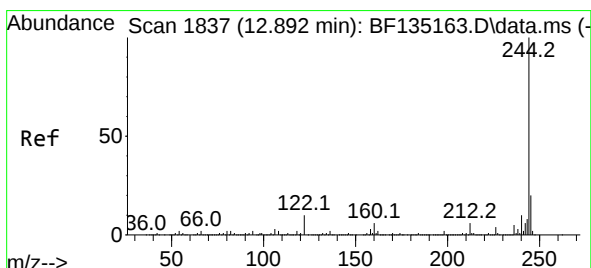
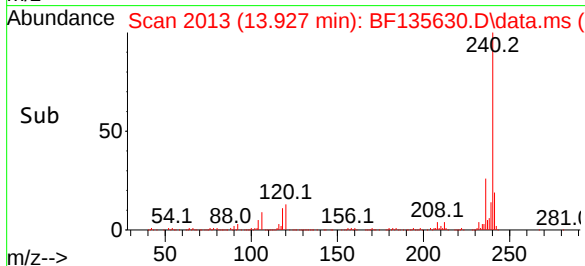
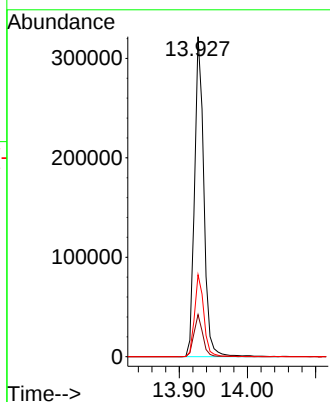
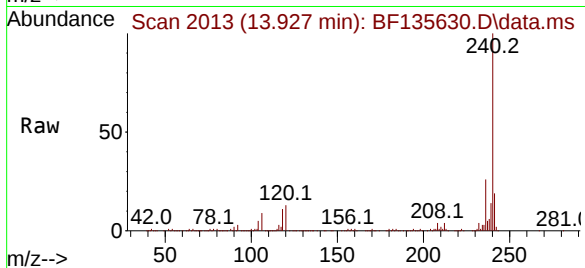
Tgt Ion:240 Resp: 302344

Ion Ratio Lower Upper

240 100

120 13.2 9.4 14.2

236 25.6 19.8 29.8



#79

Terphenyl-d14

Concen: 83.049 ng

RT: 12.869 min Scan# 1833

Delta R.T. 0.006 min

Lab File: BF135630.D

Acq: 06 Oct 2023 15:43

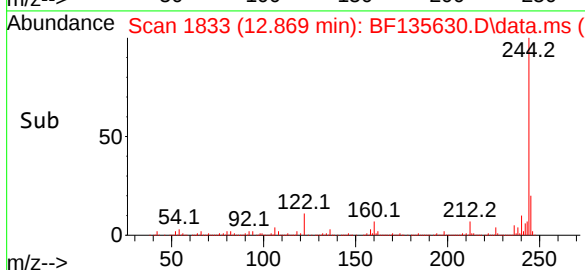
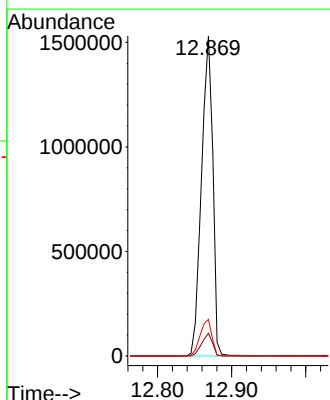
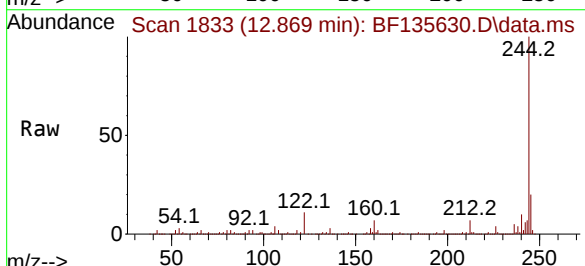
Tgt Ion:244 Resp: 1619755

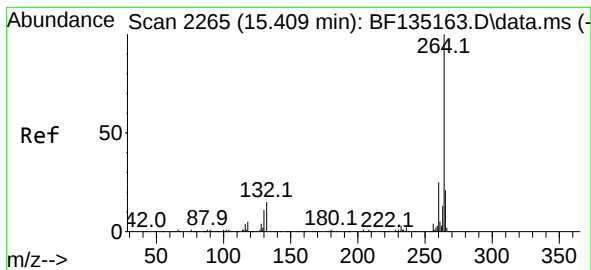
Ion Ratio Lower Upper

244 100

212 7.1 5.1 7.7

122 11.5 7.9 11.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.398 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF135630.D

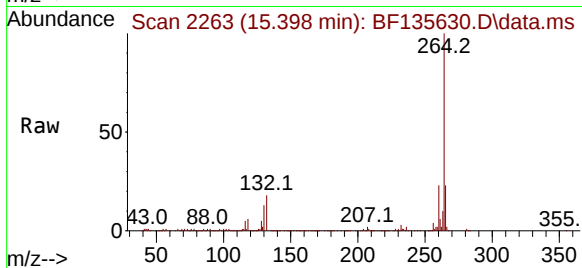
Acq: 06 Oct 2023 15:43

Instrument :

BNA\_F

ClientSampleId :

TP-3



Tgt Ion:264 Resp: 265445

Ion Ratio Lower Upper

264 100

260 22.7 19.8 29.6

265 22.8 17.0 25.4

