

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101823\  
 Data File : BF135878.D  
 Acq On : 19 Oct 2023 07:00  
 Operator : CG\JU  
 Sample : 04765-03 2X  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TT-2

Quant Time: Oct 19 07:19:14 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 17 01:22:00 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.739  | 152  | 55527    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.016  | 136  | 213230   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.775  | 164  | 89837    | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.274 | 188  | 134777   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 13.939 | 240  | 118690   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 15.421 | 264  | 91979    | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.381  | 112  | 185473   | 53.703 | ng    | 0.00     |
| 7) Phenol-d6                | 6.398  | 99   | 215492   | 50.007 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.304  | 82   | 123830   | 31.940 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.574 | 330  | 43321    | 50.253 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.092  | 172  | 260182   | 45.282 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.868 | 244  | 245153   | 38.251 | ng    | -0.01    |

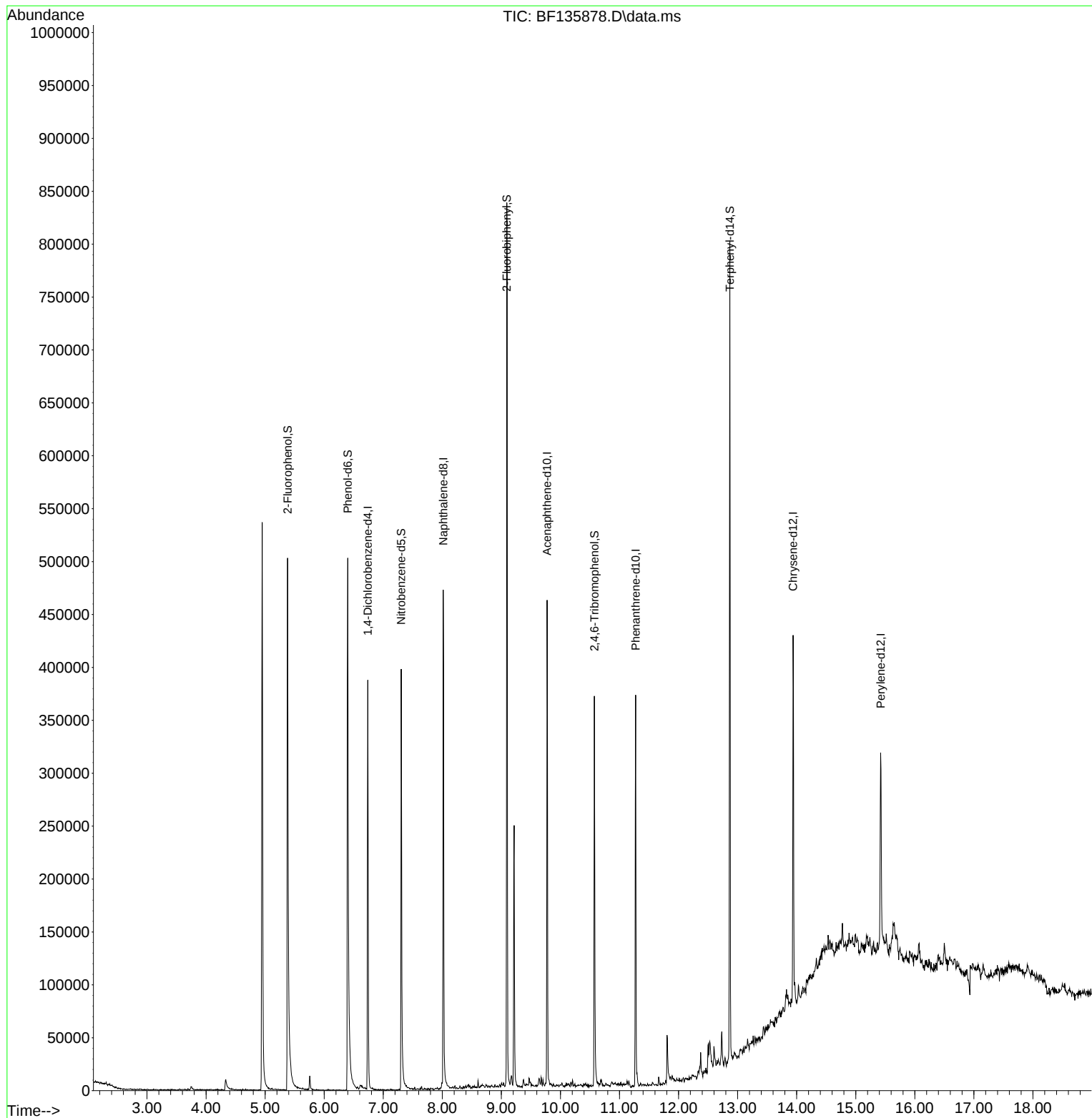
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

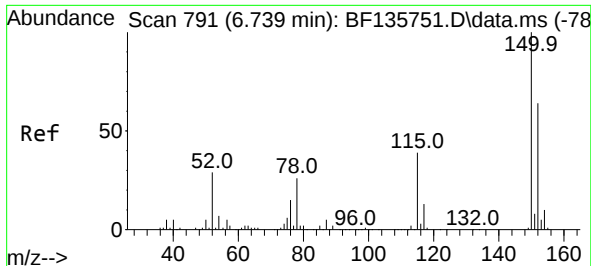
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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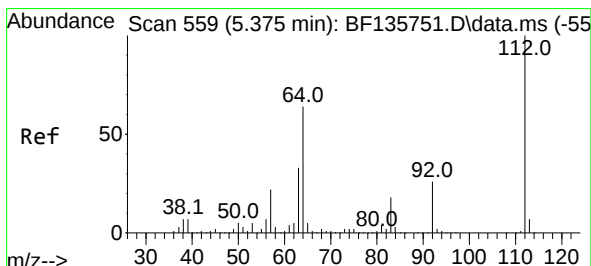
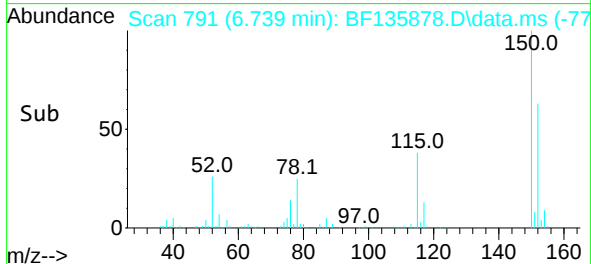
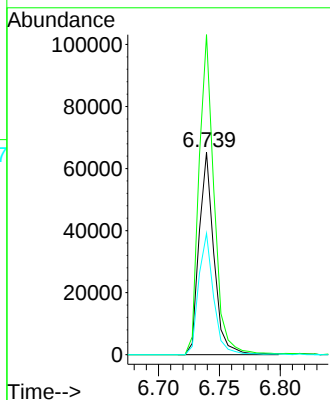
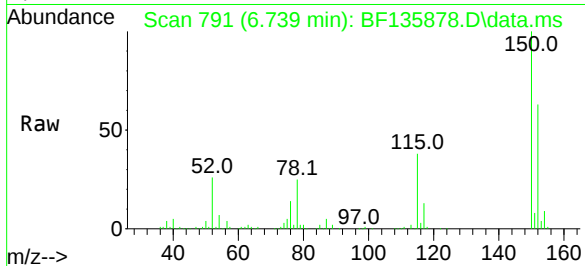




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.739 min Scan# 791  
Delta R.T. -0.007 min  
Lab File: BF135878.D  
Acq: 19 Oct 2023 07:00

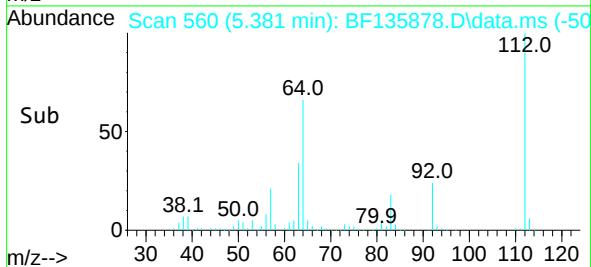
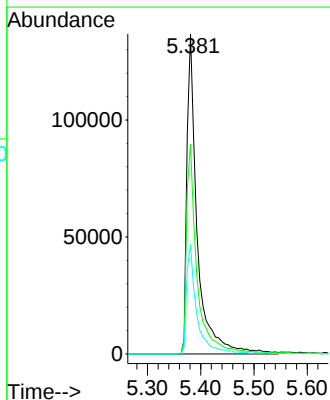
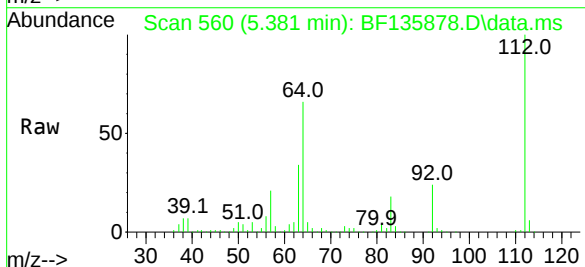
Instrument :  
BNA\_F  
ClientSampleId :  
TT-2

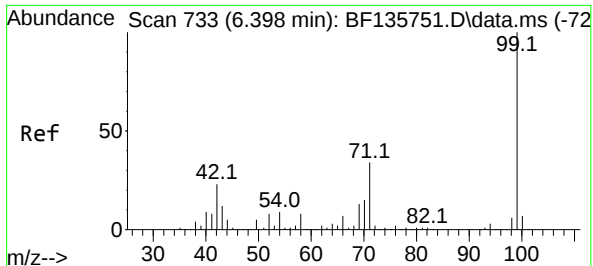
Tgt Ion:152 Resp: 55527  
Ion Ratio Lower Upper  
152 100  
150 158.0 124.5 186.7  
115 59.9 49.0 73.4



#5  
2-Fluorophenol  
Concen: 53.703 ng  
RT: 5.381 min Scan# 560  
Delta R.T. 0.006 min  
Lab File: BF135878.D  
Acq: 19 Oct 2023 07:00

Tgt Ion:112 Resp: 185473  
Ion Ratio Lower Upper  
112 100  
64 65.6 51.2 76.8  
63 34.1 26.1 39.1

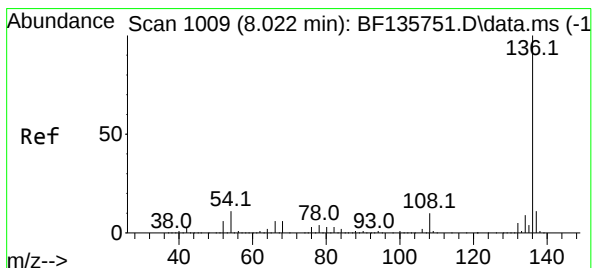
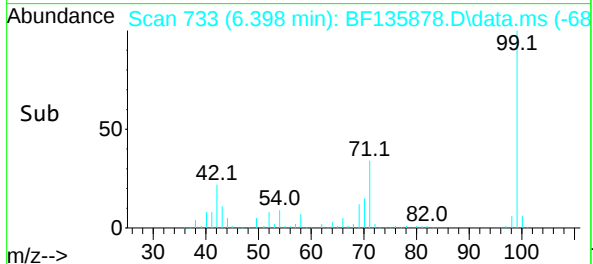
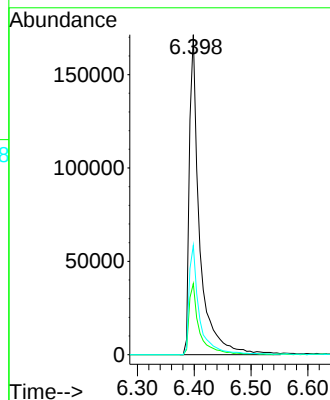
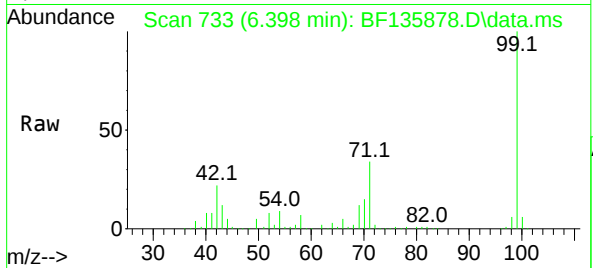




#7  
Phenol-d6  
Concen: 50.007 ng  
RT: 6.398 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF135878.D  
Acq: 19 Oct 2023 07:00

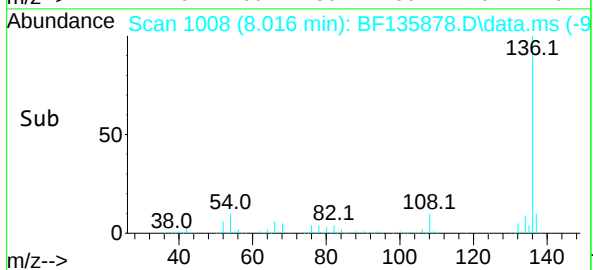
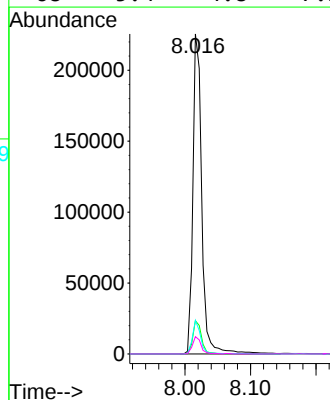
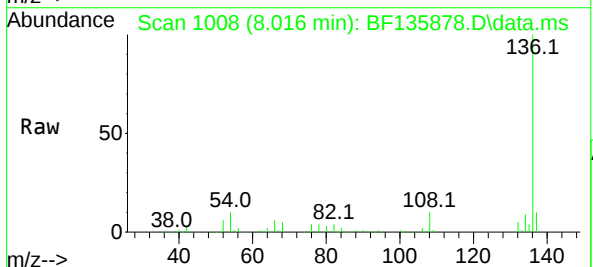
Instrument :  
BNA\_F  
ClientSampleId :  
TT-2

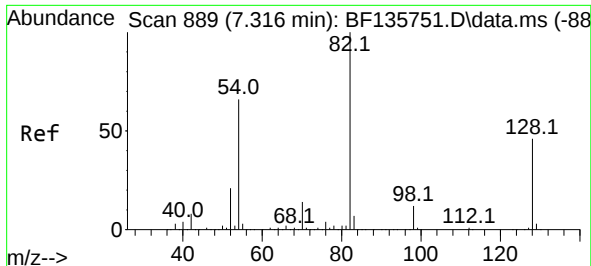
Tgt Ion: 99 Resp: 215492  
Ion Ratio Lower Upper  
99 100  
42 22.2 18.4 27.6  
71 34.2 27.2 40.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.016 min Scan# 1008  
Delta R.T. -0.006 min  
Lab File: BF135878.D  
Acq: 19 Oct 2023 07:00

Tgt Ion:136 Resp: 213230  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.6 12.8  
54 10.5 8.5 12.7  
68 5.4 4.8 7.2





#23

Nitrobenzene-d5

Concen: 31.940 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF135878.D

Acq: 19 Oct 2023 07:00

Instrument :

BNA\_F

ClientSampleId :

TT-2

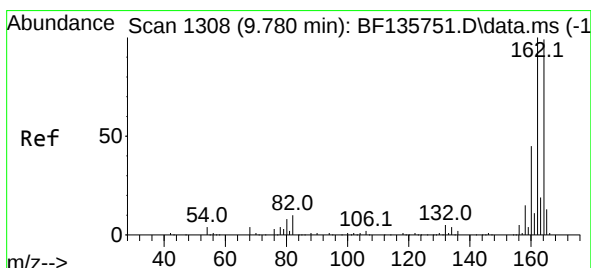
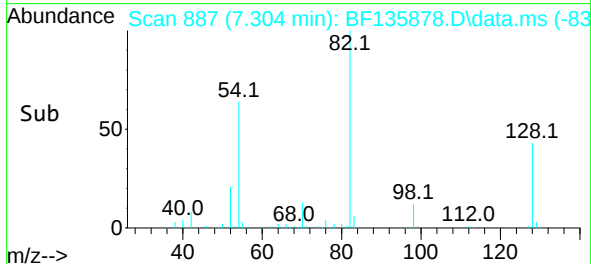
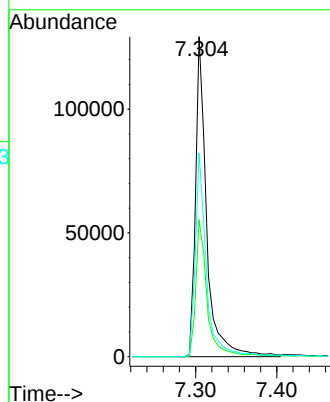
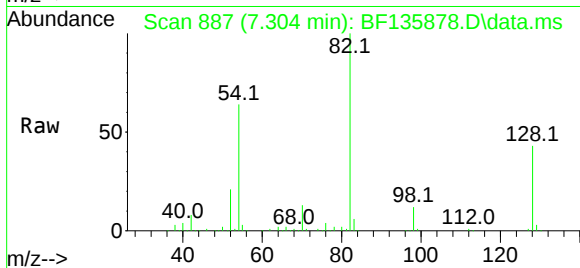
Tgt Ion: 82 Resp: 123830

Ion Ratio Lower Upper

82 100

128 42.8 37.0 55.6

54 63.7 52.8 79.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

Delta R.T. -0.012 min

Lab File: BF135878.D

Acq: 19 Oct 2023 07:00

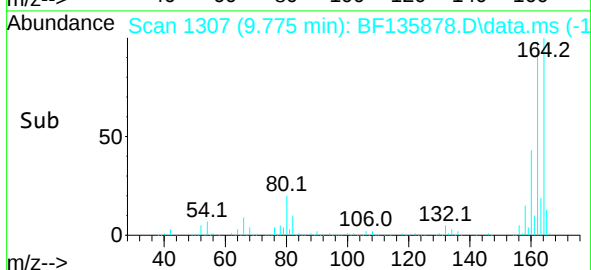
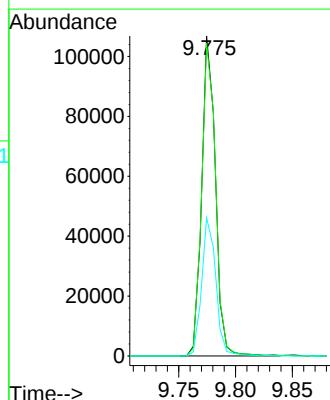
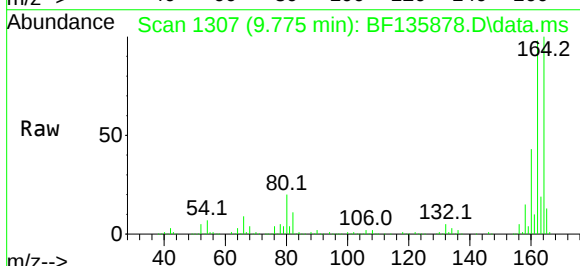
Tgt Ion:164 Resp: 89837

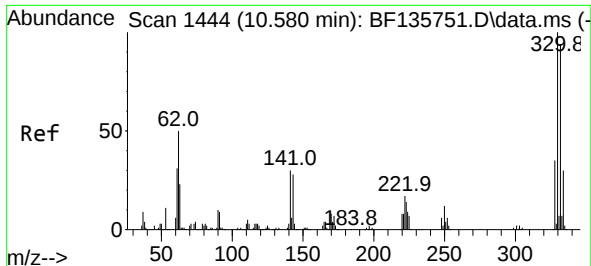
Ion Ratio Lower Upper

164 100

162 97.7 80.8 121.2

160 43.2 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 50.253 ng

RT: 10.574 min Scan# 1444

Delta R.T. -0.012 min

Lab File: BF135878.D

Acq: 19 Oct 2023 07:00

Instrument :

BNA\_F

ClientSampleId :

TT-2

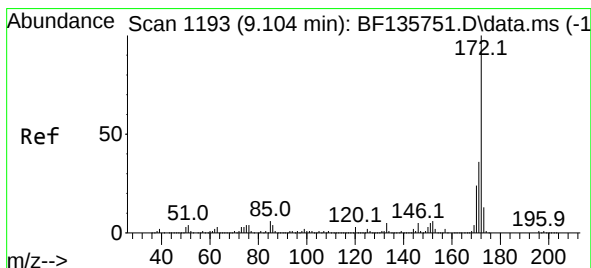
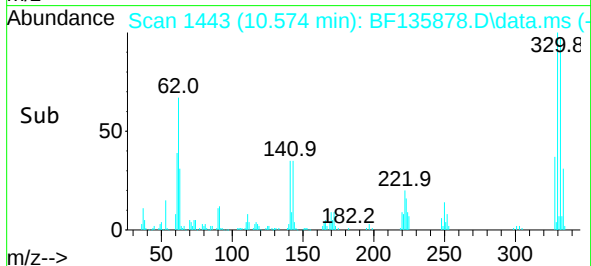
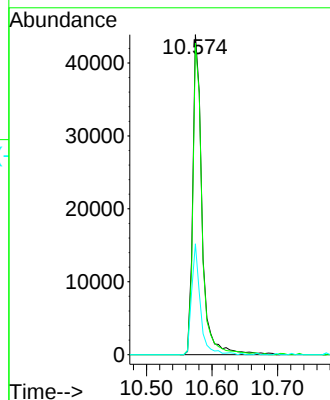
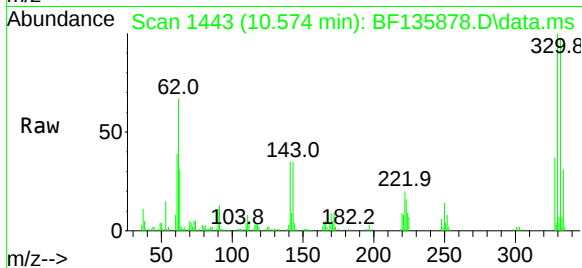
Tgt Ion:330 Resp: 43321

Ion Ratio Lower Upper

330 100

332 95.5 75.0 112.4

141 32.5 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 45.282 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.012 min

Lab File: BF135878.D

Acq: 19 Oct 2023 07:00

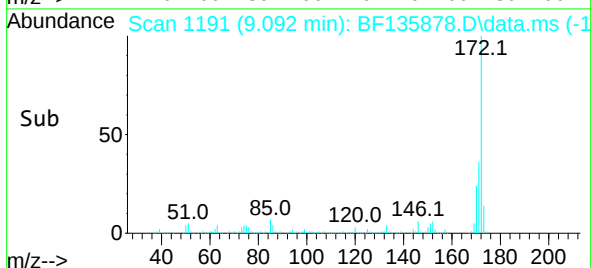
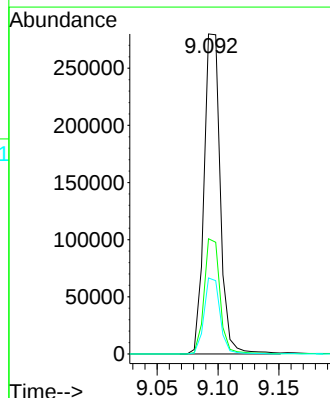
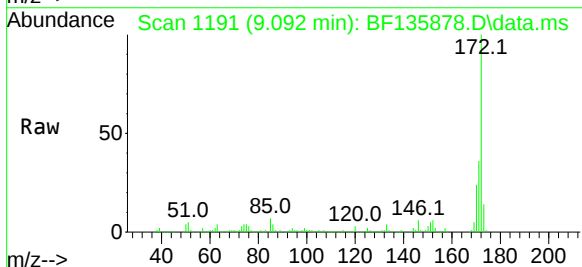
Tgt Ion:172 Resp: 260182

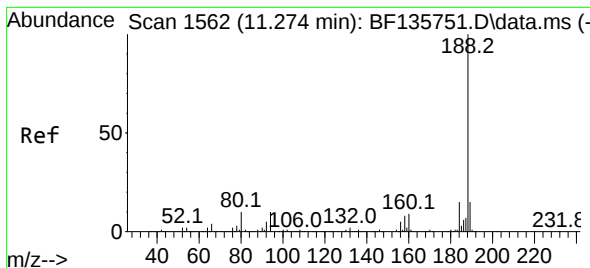
Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

170 23.8 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.274 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135878.D

Acq: 19 Oct 2023 07:00

Instrument :

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ClientSampleId :

TT-2

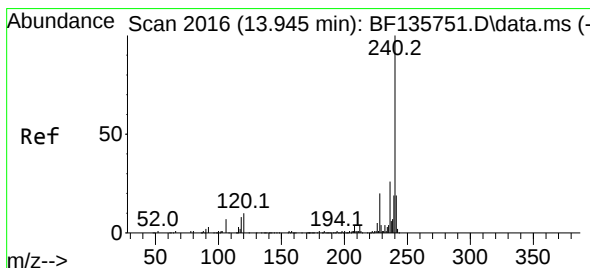
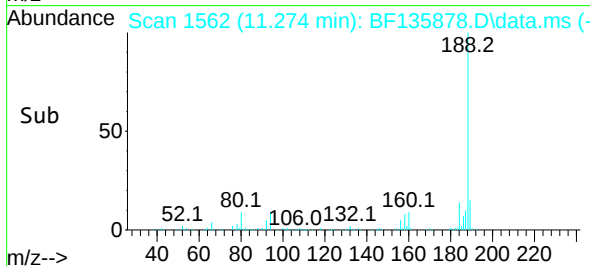
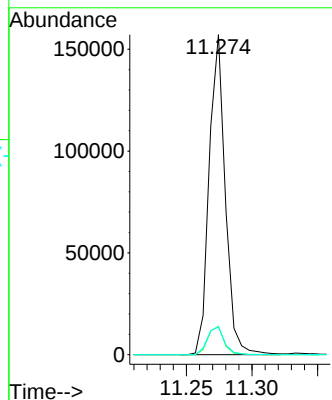
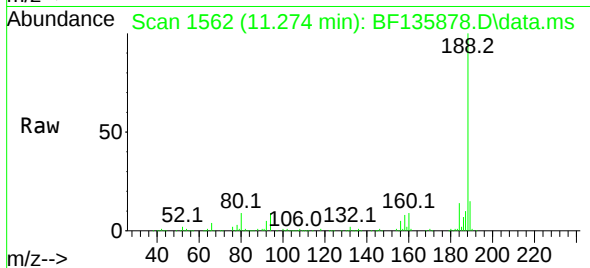
Tgt Ion:188 Resp: 134777

Ion Ratio Lower Upper

188 100

94 8.8 8.0 12.0

80 8.7 8.3 12.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF135878.D

Acq: 19 Oct 2023 07:00

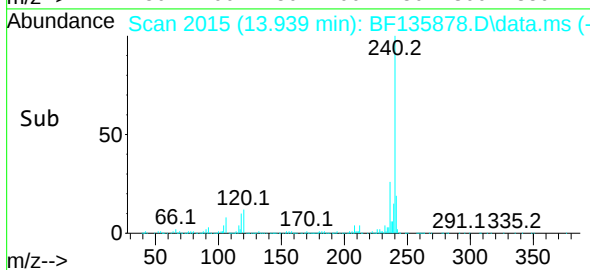
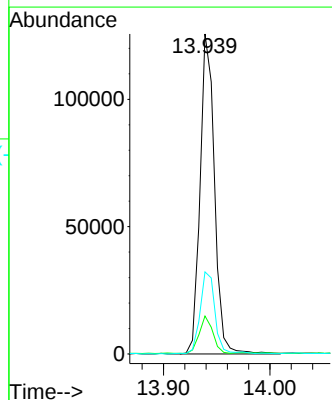
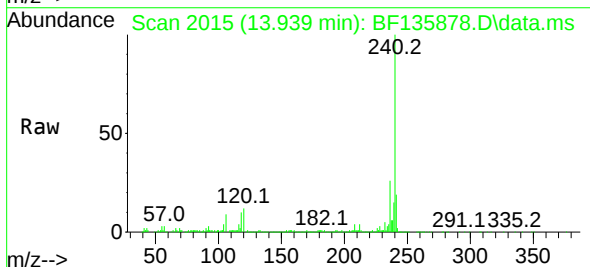
Tgt Ion:240 Resp: 118690

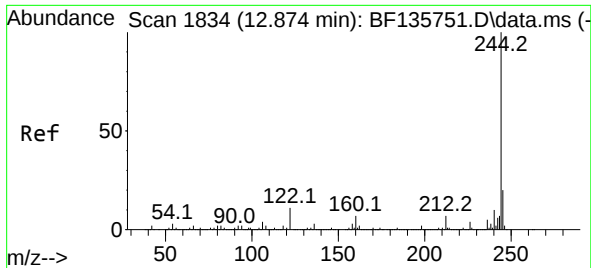
Ion Ratio Lower Upper

240 100

120 11.9 8.2 12.2

236 25.6 21.2 31.8

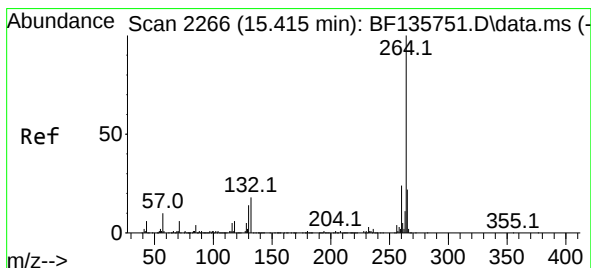
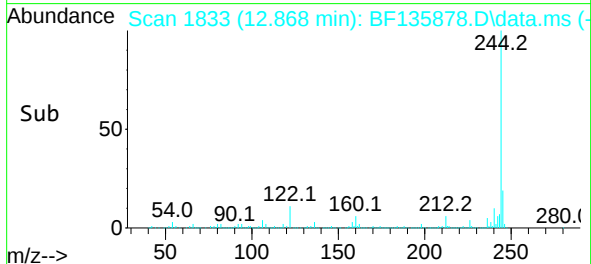
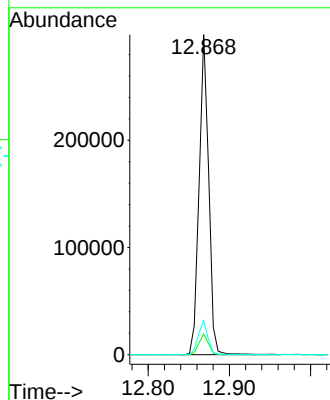
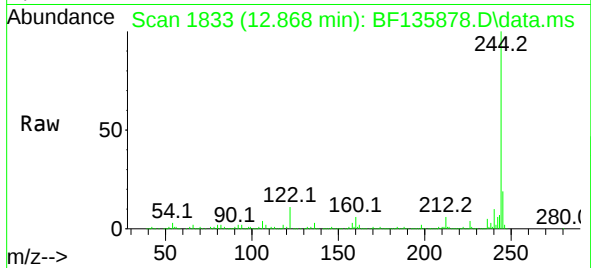




#79  
 Terphenyl-d14  
 Concen: 38.251 ng  
 RT: 12.868 min Scan# 1833  
 Delta R.T. -0.012 min  
 Lab File: BF135878.D  
 Acq: 19 Oct 2023 07:00

Instrument :  
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Tgt Ion:244 Resp: 245153  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 5.6 8.4  
 122 10.7 9.0 13.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.421 min Scan# 2267  
 Delta R.T. -0.000 min  
 Lab File: BF135878.D  
 Acq: 19 Oct 2023 07:00

Tgt Ion:264 Resp: 91979  
 Ion Ratio Lower Upper  
 264 100  
 260 25.2 19.2 28.8  
 265 23.6 17.4 26.2

