

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081123\  
 Data File : BF134733.D  
 Acq On : 11 Aug 2023 15:29  
 Operator : CG\JU  
 Sample : 03971-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-PP01A

Quant Time: Aug 11 22:22:01 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF080123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 04 09:29:15 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.798  | 152  | 171381   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.075  | 136  | 636347   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.833  | 164  | 259666   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.321 | 188  | 427614   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12            | 13.968 | 240  | 370687   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12            | 15.439 | 264  | 276962   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.428  | 112  | 576907   | 51.170 | ng    | 0.00     |
| 7) Phenol-d6                | 6.434  | 99   | 909098   | 63.079 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.357  | 82   | 610820   | 59.986 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.622 | 330  | 105562   | 39.879 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.151  | 172  | 1008616  | 64.584 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.915 | 244  | 1044942  | 49.694 | ng    | 0.00     |

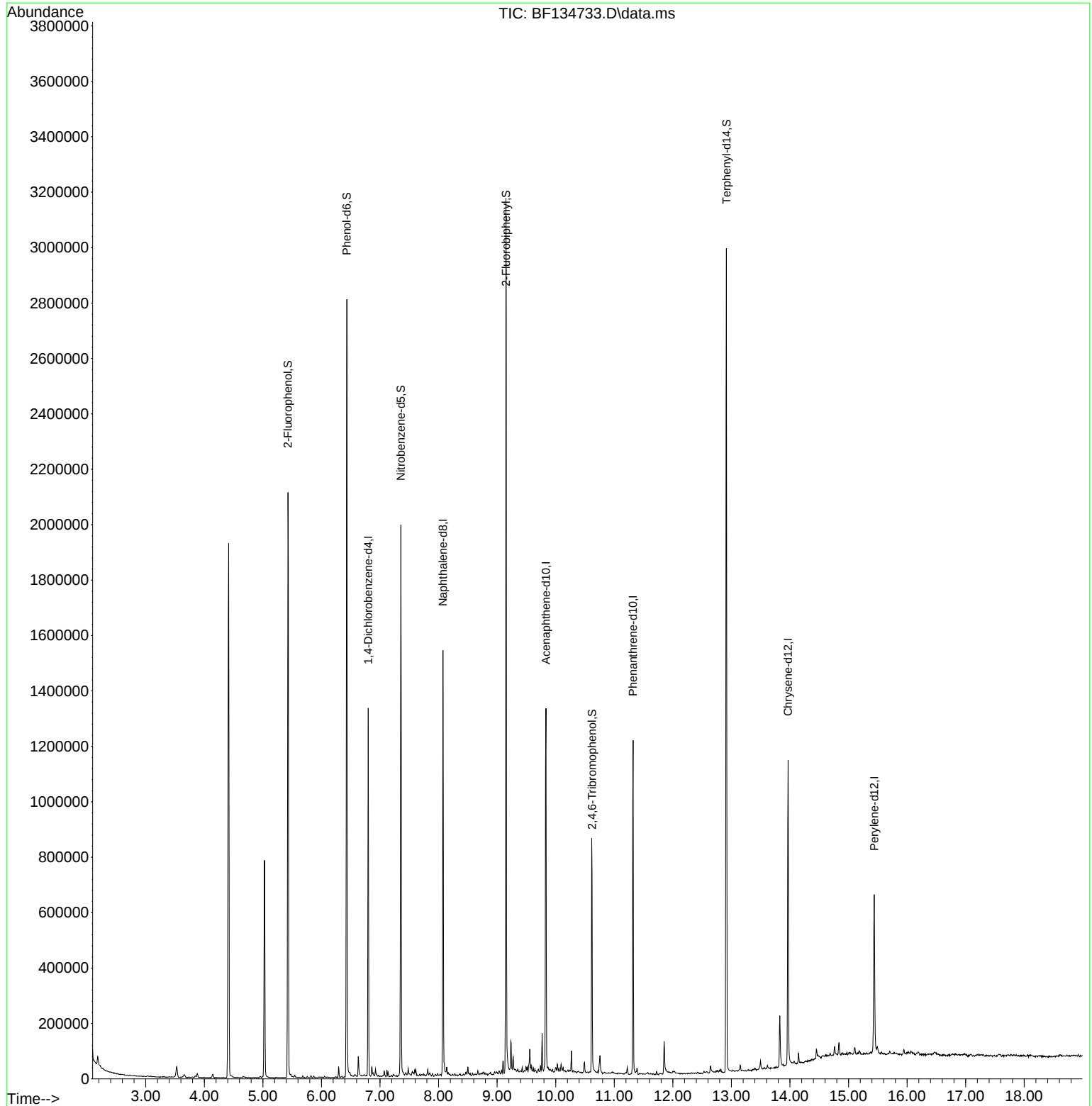
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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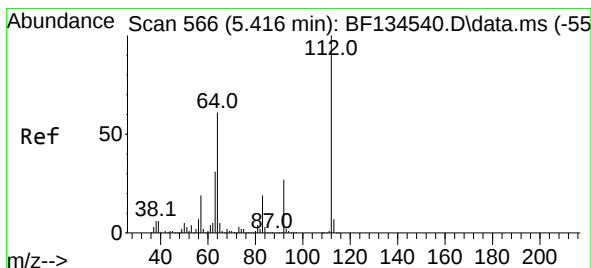
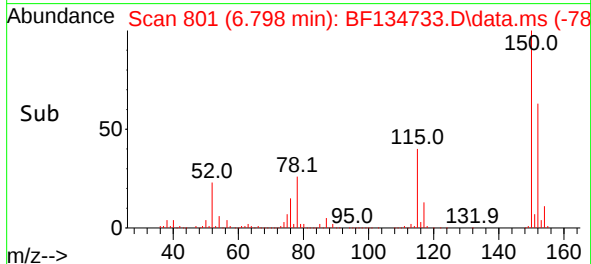
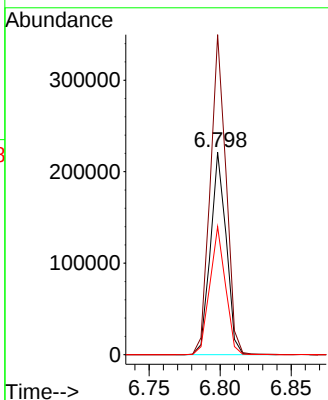
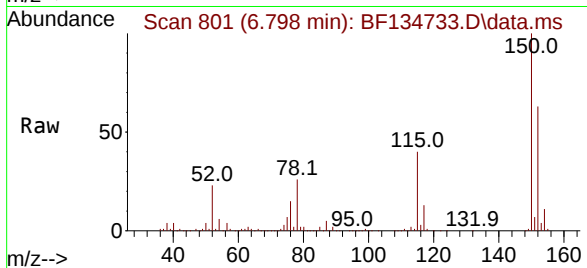




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.798 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: BF134733.D  
Acq: 11 Aug 2023 15:29

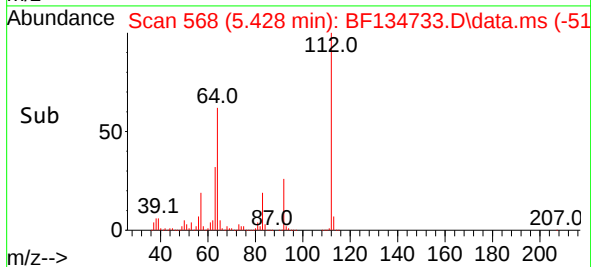
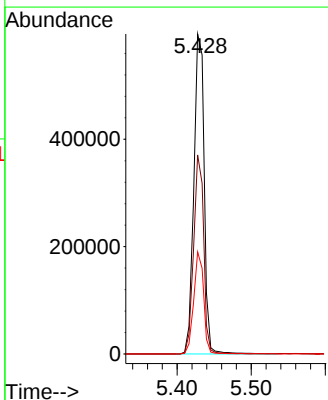
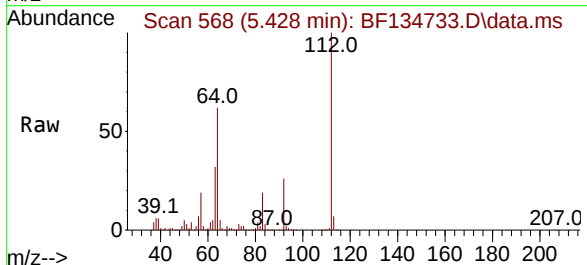
Instrument :  
BNA\_F  
ClientSampleId :  
B-PP01A

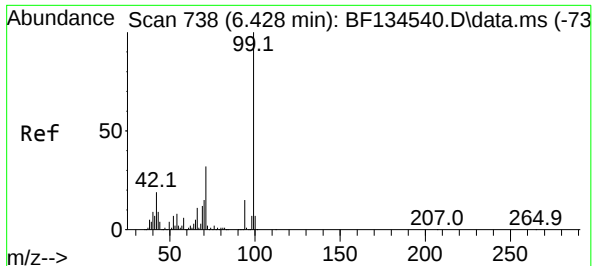
Tgt Ion:152 Resp: 171381  
Ion Ratio Lower Upper  
152 100  
150 158.0 128.3 192.5  
115 63.2 52.4 78.6



#5  
2-Fluorophenol  
Concen: 51.170 ng  
RT: 5.428 min Scan# 568  
Delta R.T. -0.000 min  
Lab File: BF134733.D  
Acq: 11 Aug 2023 15:29

Tgt Ion:112 Resp: 576907  
Ion Ratio Lower Upper  
112 100  
64 62.2 44.9 67.3  
63 31.9 25.4 38.0

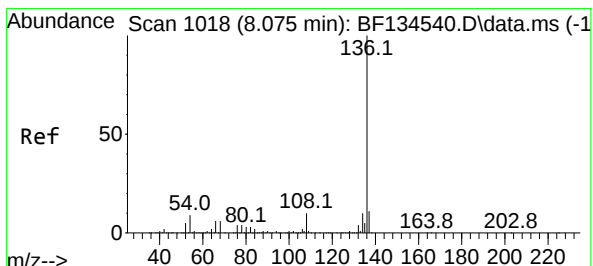
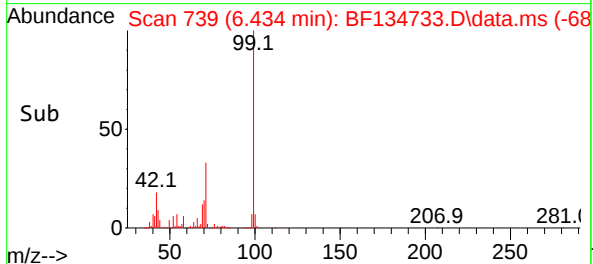
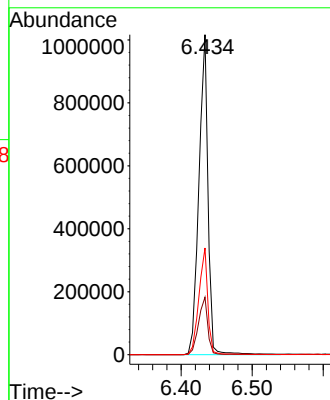
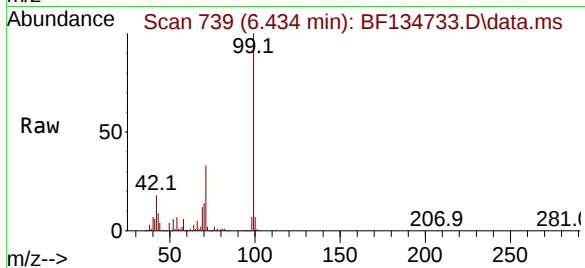




#7  
Phenol-d6  
Concen: 63.079 ng  
RT: 6.434 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF134733.D  
Acq: 11 Aug 2023 15:29

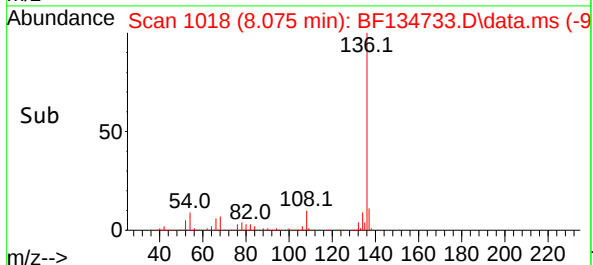
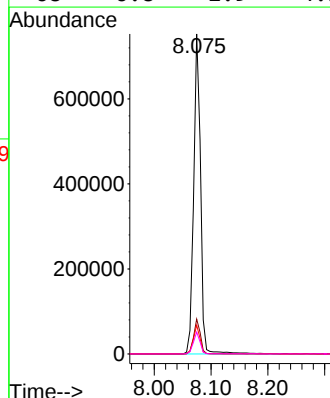
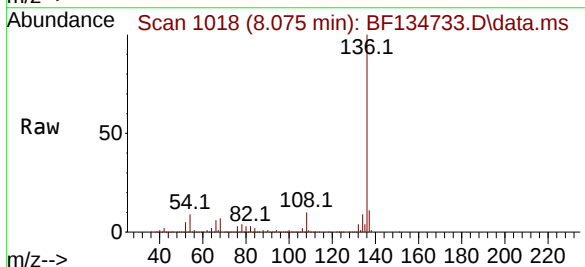
Instrument :  
BNA\_F  
ClientSampleId :  
B-PP01A

Tgt Ion: 99 Resp: 909098  
Ion Ratio Lower Upper  
99 100  
42 18.0 18.7 28.1#  
71 33.4 36.4 54.6#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.075 min Scan# 1018  
Delta R.T. -0.006 min  
Lab File: BF134733.D  
Acq: 11 Aug 2023 15:29

Tgt Ion: 136 Resp: 636347  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.4 12.6  
54 9.0 5.2 7.8#  
68 6.8 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 59.986 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134733.D

Acq: 11 Aug 2023 15:29

Instrument :

BNA\_F

ClientSampleId :

B-PP01A

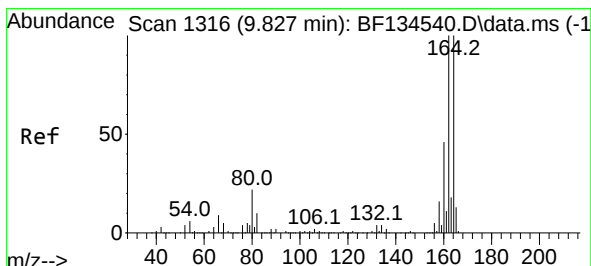
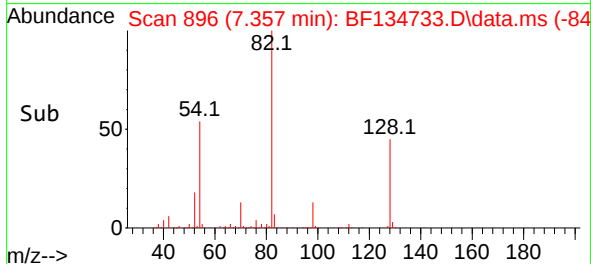
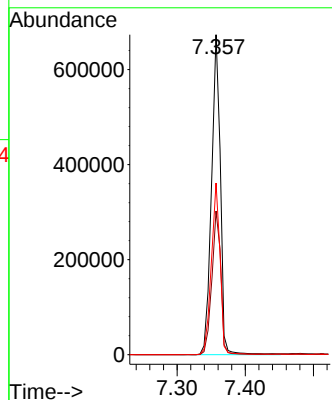
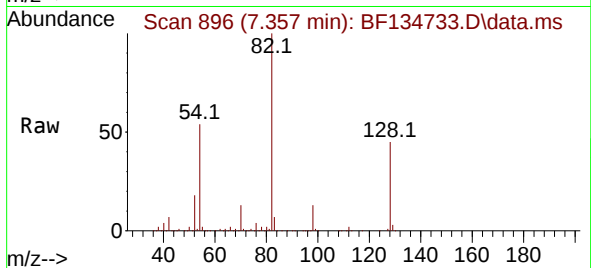
Tgt Ion: 82 Resp: 610820

Ion Ratio Lower Upper

82 100

128 44.9 34.3 51.5

54 53.7 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.000 min

Lab File: BF134733.D

Acq: 11 Aug 2023 15:29

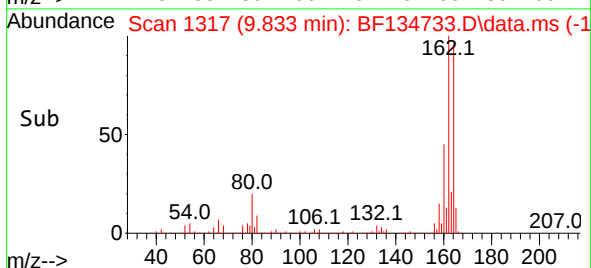
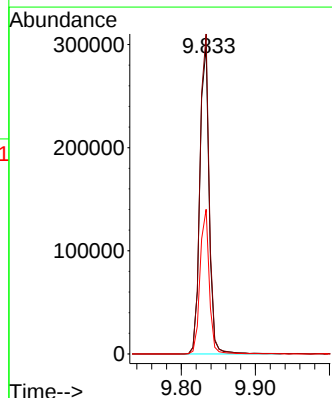
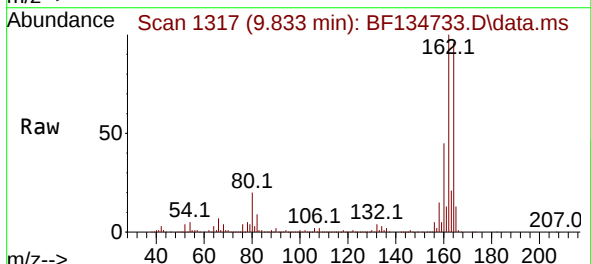
Tgt Ion:164 Resp: 259666

Ion Ratio Lower Upper

164 100

162 104.1 82.6 123.8

160 47.1 37.2 55.8

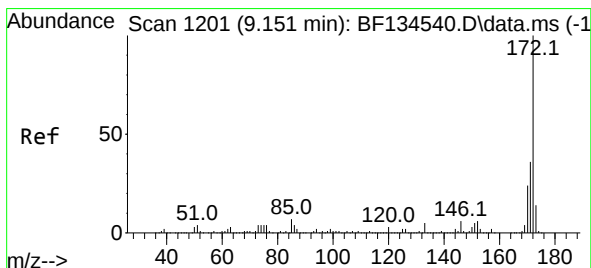
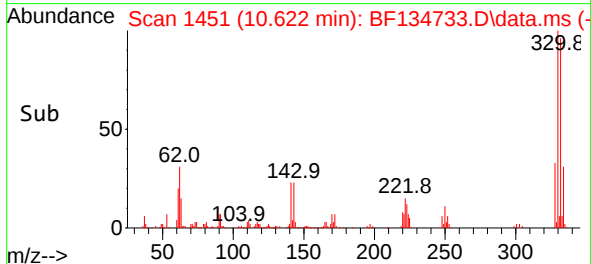
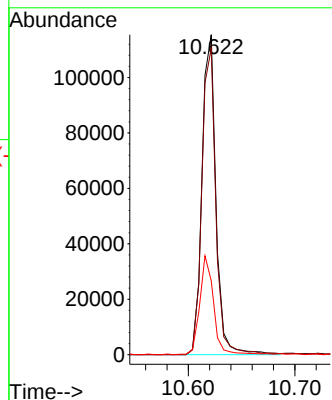
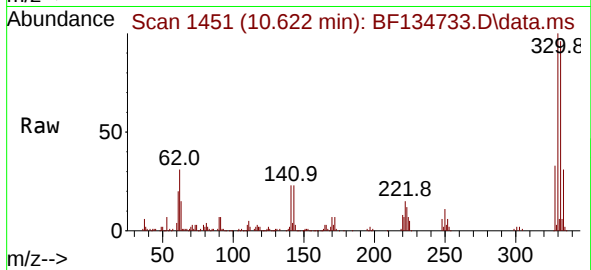




#42  
2,4,6-Tribromophenol  
Concen: 39.879 ng  
RT: 10.622 min Scan# 1451  
Delta R.T. -0.006 min  
Lab File: BF134733.D  
Acq: 11 Aug 2023 15:29

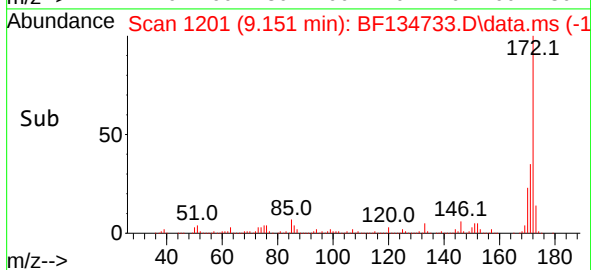
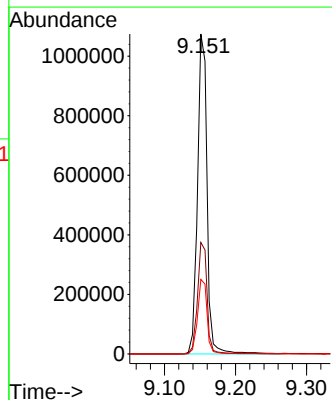
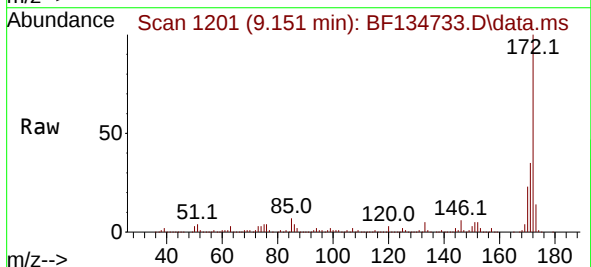
Instrument :  
BNA\_F  
ClientSampleId :  
B-PP01A

Tgt Ion:330 Resp: 105562  
Ion Ratio Lower Upper  
330 100  
332 96.4 78.8 118.2  
141 30.6 25.4 38.2



#45  
2-Fluorobiphenyl  
Concen: 64.584 ng  
RT: 9.151 min Scan# 1201  
Delta R.T. -0.012 min  
Lab File: BF134733.D  
Acq: 11 Aug 2023 15:29

Tgt Ion:172 Resp: 1008616  
Ion Ratio Lower Upper  
172 100  
171 34.9 28.8 43.2  
170 23.3 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.321 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF134733.D

Acq: 11 Aug 2023 15:29

Instrument :

BNA\_F

ClientSampleId :

B-PP01A

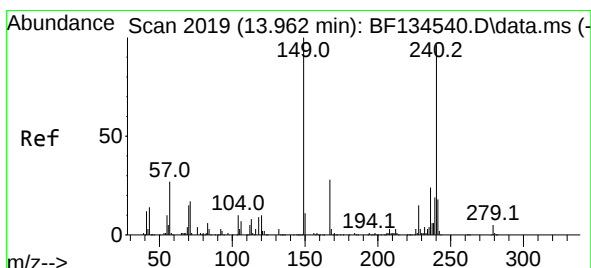
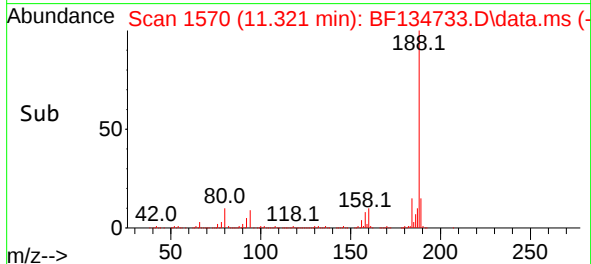
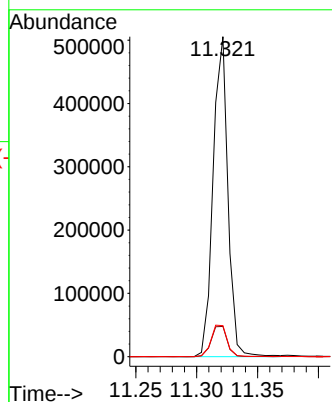
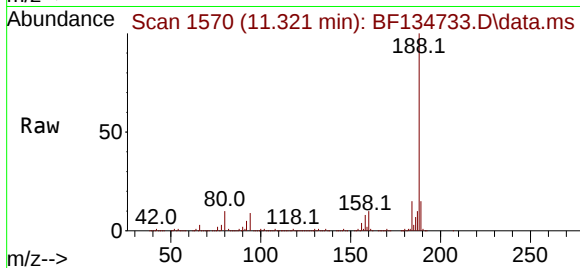
Tgt Ion:188 Resp: 427614

Ion Ratio Lower Upper

188 100

94 9.5 5.1 7.7#

80 9.7 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF134733.D

Acq: 11 Aug 2023 15:29

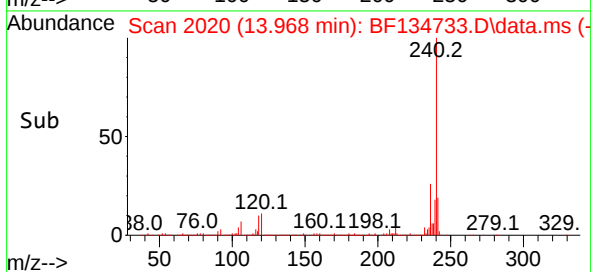
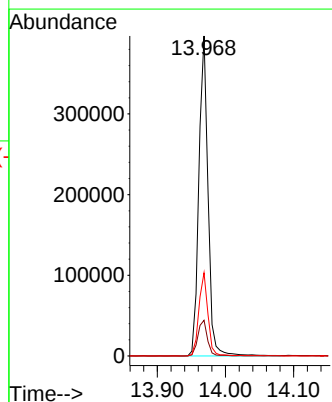
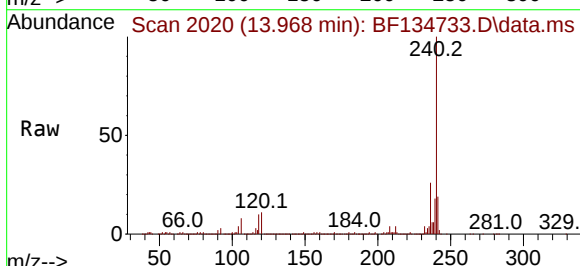
Tgt Ion:240 Resp: 370687

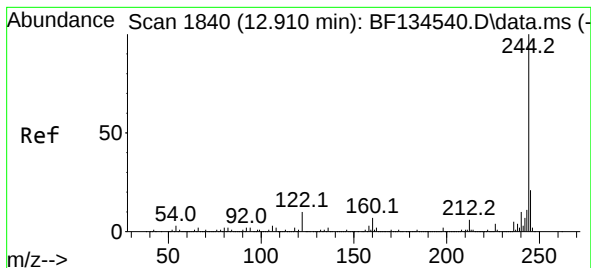
Ion Ratio Lower Upper

240 100

120 11.2 6.6 10.0#

236 26.0 20.2 30.2





#79

Terphenyl-d14

Concen: 49.694 ng

RT: 12.915 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134733.D

Acq: 11 Aug 2023 15:29

Instrument :

BNA\_F

ClientSampleId :

B-PP01A

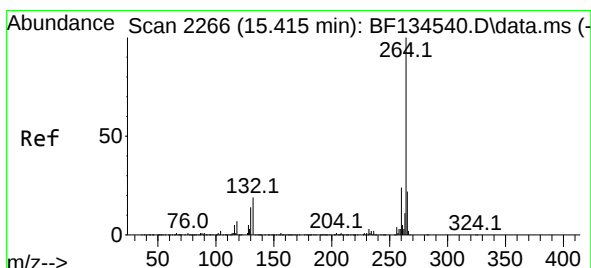
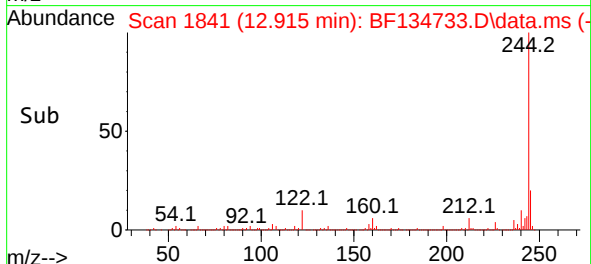
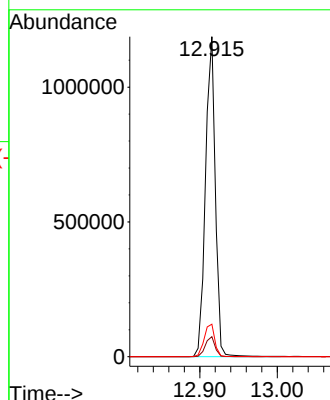
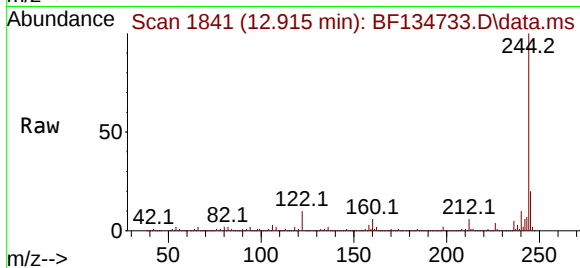
Tgt Ion:244 Resp: 1044942

Ion Ratio Lower Upper

244 100

212 6.2 5.6 8.4

122 10.1 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. -0.000 min

Lab File: BF134733.D

Acq: 11 Aug 2023 15:29

Tgt Ion:264 Resp: 276962

Ion Ratio Lower Upper

264 100

260 24.2 18.4 27.6

265 22.9 15.8 23.8

