

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060923\  
 Data File : BF133688.D  
 Acq On : 09 Jun 2023 21:41  
 Operator : CG\JU  
 Sample : 03029-13  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-10

Quant Time: Jun 09 22:26:40 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 09 15:37:41 2023  
 Response via : Initial Calibration

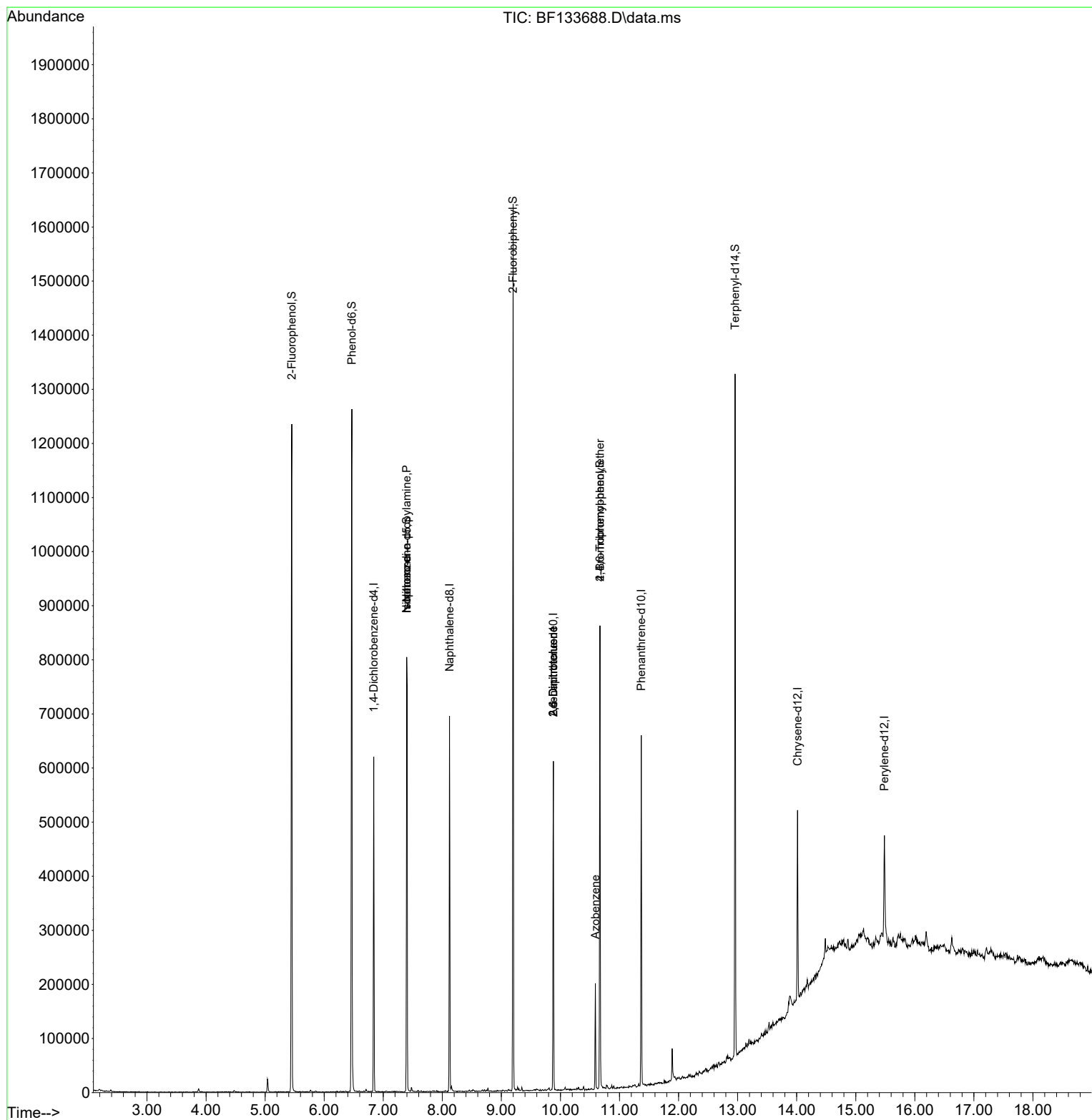
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.839  | 152  | 76753    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.122  | 136  | 259001   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.880  | 164  | 107720   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.369 | 188  | 207275   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.015 | 240  | 106664   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.486 | 264  | 88948    | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.451  | 112  | 315745   | 71.617 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.469  | 99   | 374522   | 65.262 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.398  | 82   | 236936   | 49.827 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.669 | 330  | 90215    | 66.162 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.198  | 172  | 413979   | 54.630 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.957 | 244  | 393388   | 57.068 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.398  | 70   | 33384    | 9.143  | ng    | # 78     |
| 25) Isophorone                | 7.398  | 82   | 236933   | 27.140 | ng    | # 65     |
| 51) 2,6-Dinitrotoluene        | 9.880  | 165  | 13675    | 8.240  | ng    | # 28     |
| 57) 2,4-Dinitrotoluene        | 9.880  | 165  | 13675    | 6.479  | ng    | # 20     |
| 63) Azobenzene                | 10.592 | 77   | 29073    | 3.753  | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether | 10.669 | 248  | 5704     | 2.466  | ng    | # 1      |
| -----                         |        |      |          |        |       |          |

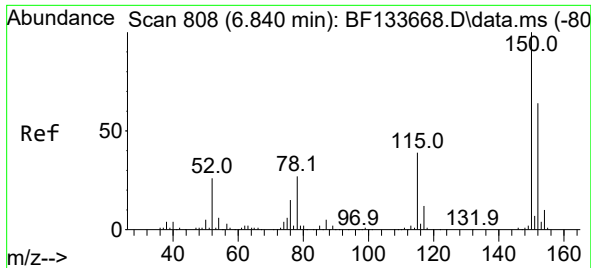
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060923\  
Data File : BF133688.D  
Acq On : 09 Jun 2023 21:41  
Operator : CG\JU  
Sample : 03029-13  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-10

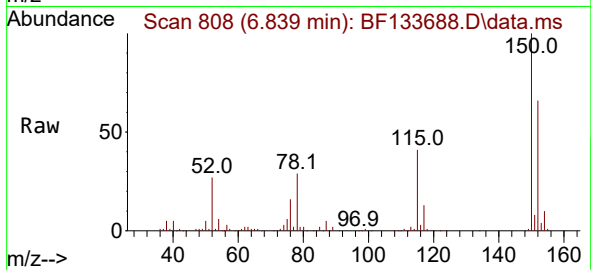
Quant Time: Jun 09 22:26:40 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060923.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jun 09 15:37:41 2023  
Response via : Initial Calibration



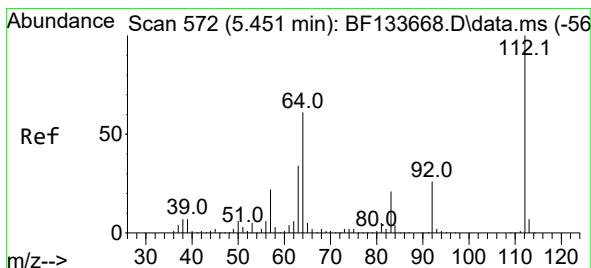
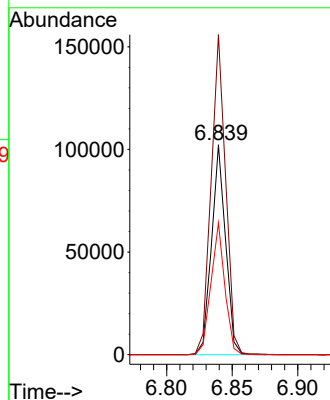
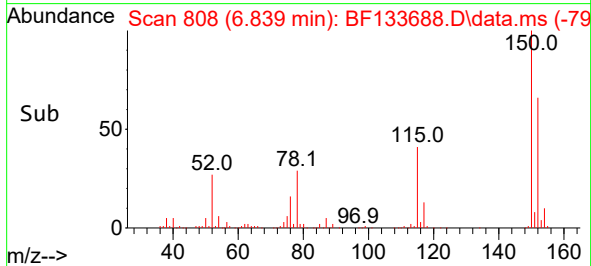


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.839 min Scan# 808  
Delta R.T. -0.001 min  
Lab File: BF133688.D  
Acq: 09 Jun 2023 21:41

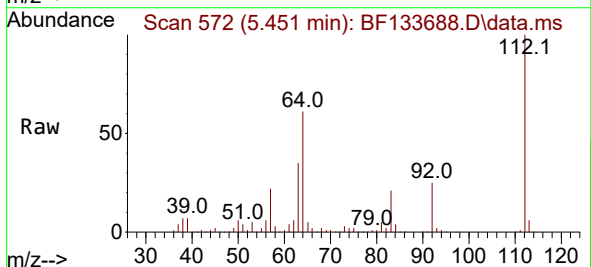
Instrument :  
BNA\_F  
ClientSampleId :  
TP-10



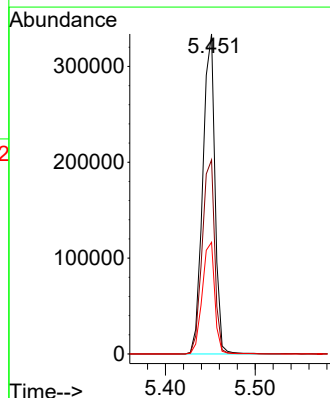
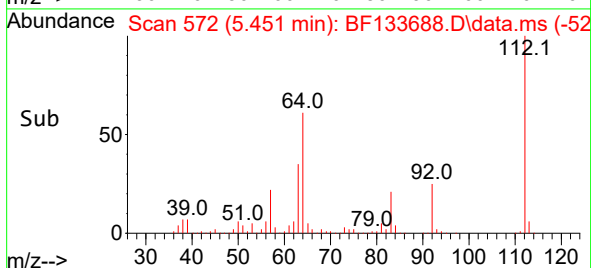
Tgt Ion:152 Resp: 76753  
Ion Ratio Lower Upper  
152 100  
150 152.4 124.3 186.5  
115 62.8 48.5 72.7

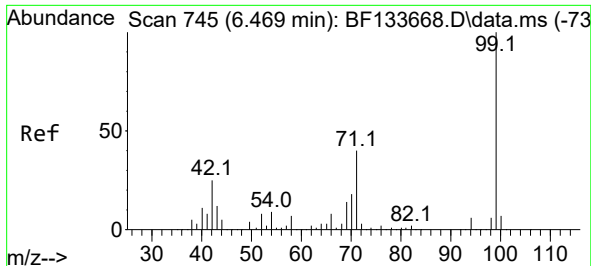


#5  
2-Fluorophenol  
Concen: 71.617 ng  
RT: 5.451 min Scan# 572  
Delta R.T. 0.000 min  
Lab File: BF133688.D  
Acq: 09 Jun 2023 21:41



Tgt Ion:112 Resp: 315745  
Ion Ratio Lower Upper  
112 100  
64 60.7 49.0 73.4  
63 34.9 26.8 40.2

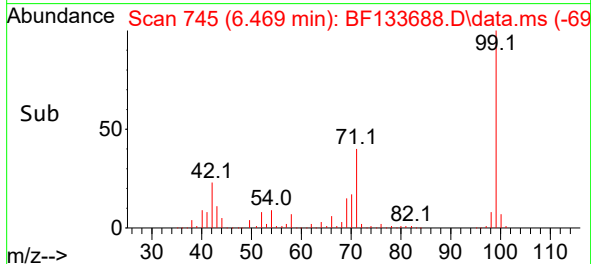
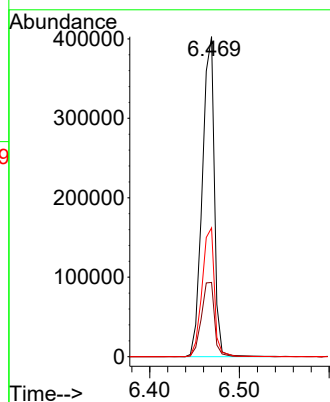
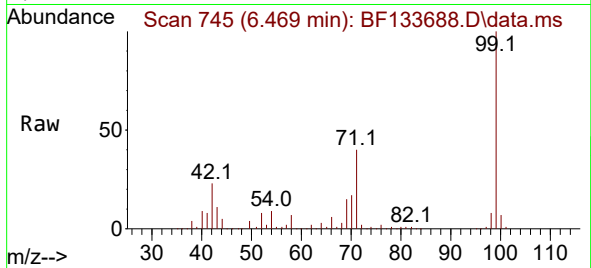




#7  
Phenol-d6  
Concen: 65.262 ng  
RT: 6.469 min Scan# 74  
Delta R.T. -0.000 min  
Lab File: BF133688.D  
Acq: 09 Jun 2023 21:41

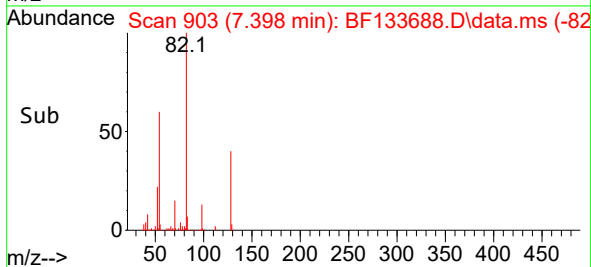
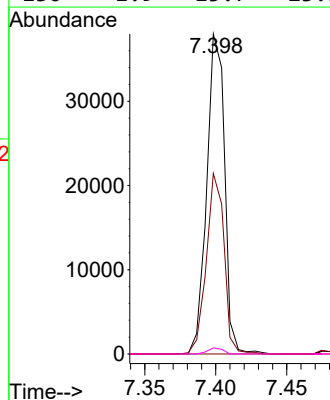
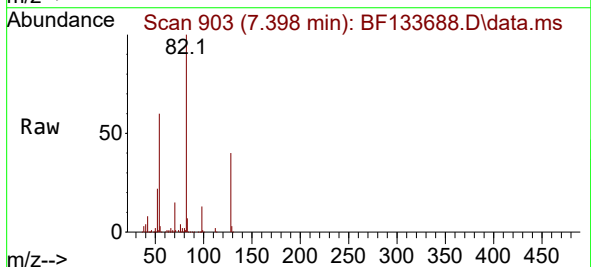
Instrument :  
BNA\_F  
ClientSampleId :  
TP-10

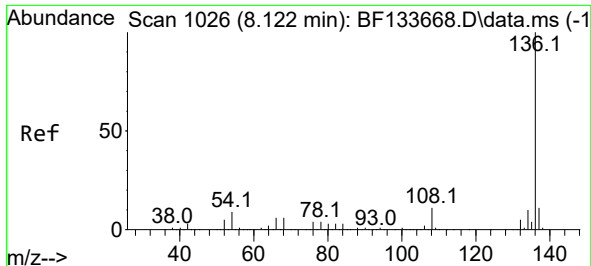
Tgt Ion: 99 Resp: 374522  
Ion Ratio Lower Upper  
99 100  
42 23.2 19.9 29.9  
71 40.3 32.2 48.4



#19  
n-Nitroso-di-n-propylamine  
Concen: 9.143 ng  
RT: 7.398 min Scan# 903  
Delta R.T. 0.141 min  
Lab File: BF133688.D  
Acq: 09 Jun 2023 21:41

Tgt Ion: 70 Resp: 33384  
Ion Ratio Lower Upper  
70 100  
42 56.4 55.8 83.8  
101 0.0 8.1 12.1#  
130 1.9 15.7 23.5#

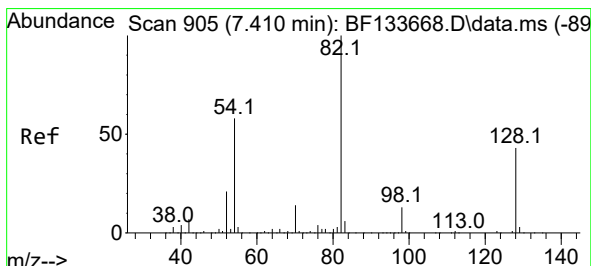
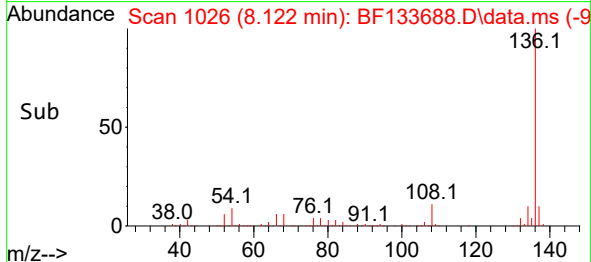
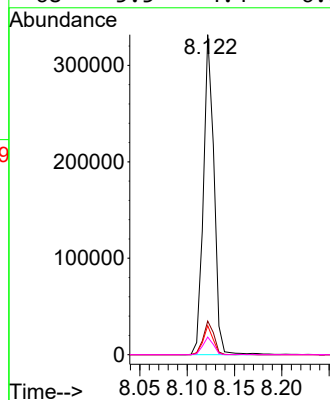
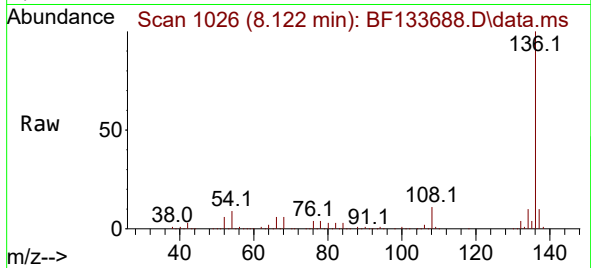




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.122 min Scan# 1026  
Delta R.T. -0.000 min  
Lab File: BF133688.D  
Acq: 09 Jun 2023 21:41

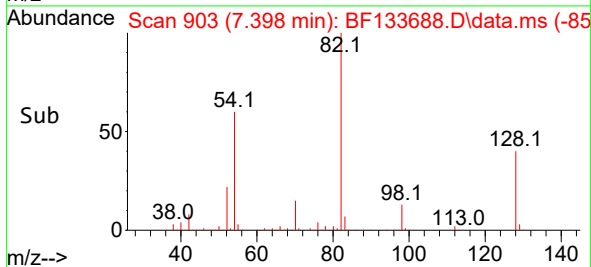
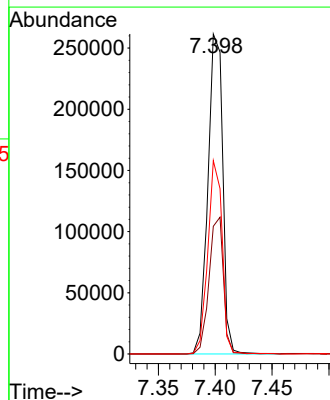
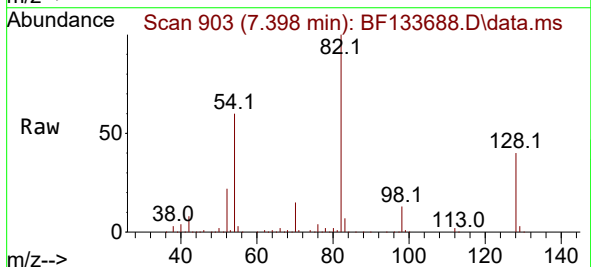
Instrument :  
BNA\_F  
ClientSampleId :  
TP-10

Tgt Ion:136 Resp: 259001  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.8 13.2  
54 9.1 7.4 11.0  
68 5.5 4.4 6.6



#23  
Nitrobenzene-d5  
Concen: 49.827 ng  
RT: 7.398 min Scan# 903  
Delta R.T. -0.012 min  
Lab File: BF133688.D  
Acq: 09 Jun 2023 21:41

Tgt Ion: 82 Resp: 236936  
Ion Ratio Lower Upper  
82 100  
128 39.9 34.2 51.2  
54 60.4 46.5 69.7

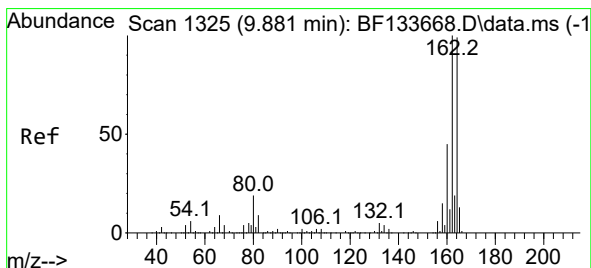
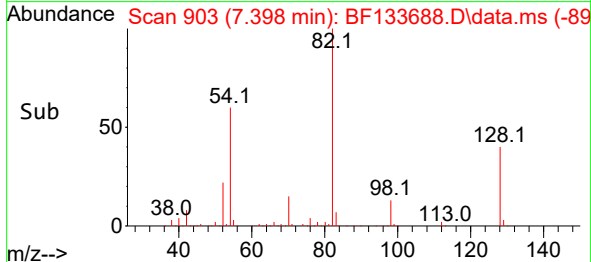
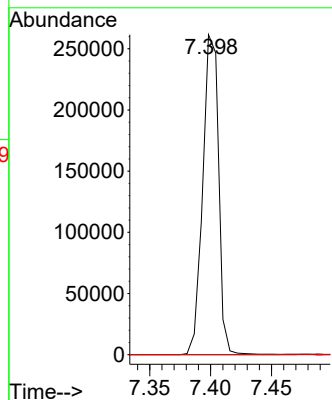
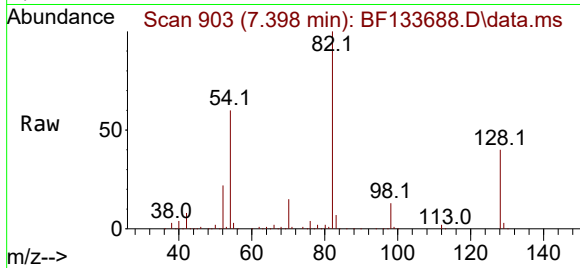




#25  
Isophorone  
Concen: 27.140 ng  
RT: 7.398 min Scan# 90  
Delta R.T. -0.265 min  
Lab File: BF133688.D  
Acq: 09 Jun 2023 21:41

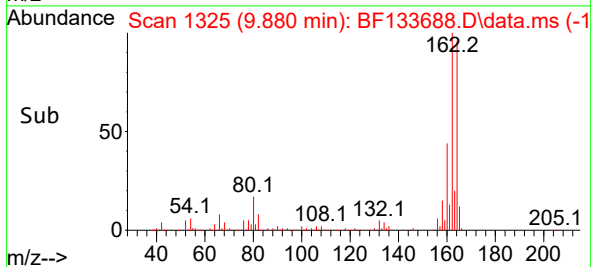
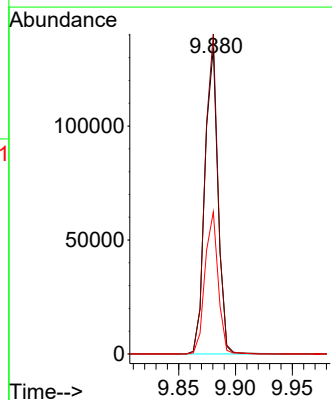
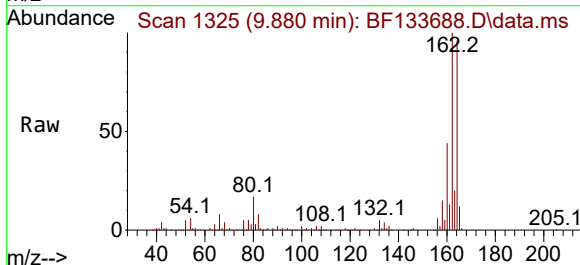
Instrument :  
BNA\_F  
ClientSampleId :  
TP-10

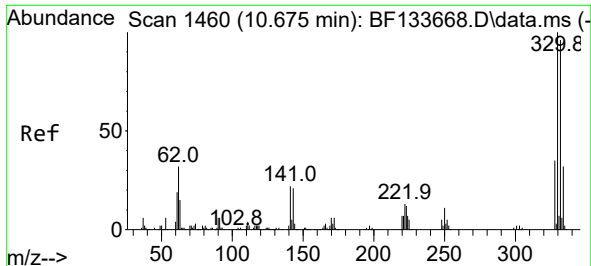
Tgt Ion: 82 Resp: 236933  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.0 9.0#  
138 0.0 14.2 21.2#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.880 min Scan# 1325  
Delta R.T. -0.000 min  
Lab File: BF133688.D  
Acq: 09 Jun 2023 21:41

Tgt Ion:164 Resp: 107720  
Ion Ratio Lower Upper  
164 100  
162 104.5 80.8 121.2  
160 46.4 36.7 55.1

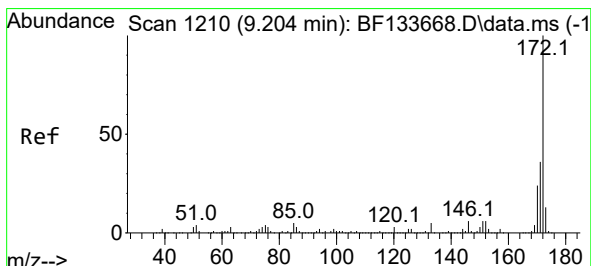
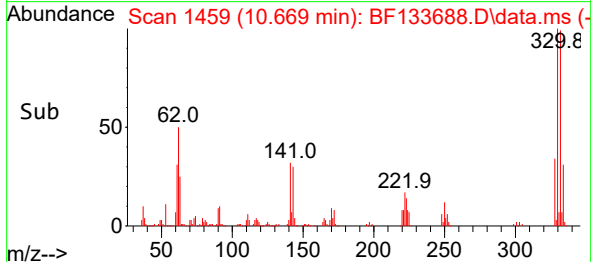
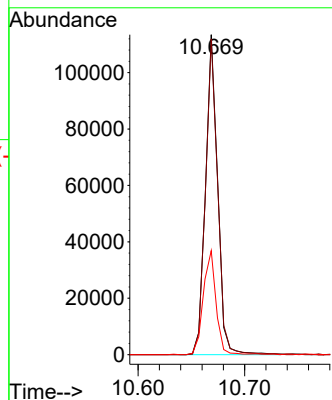
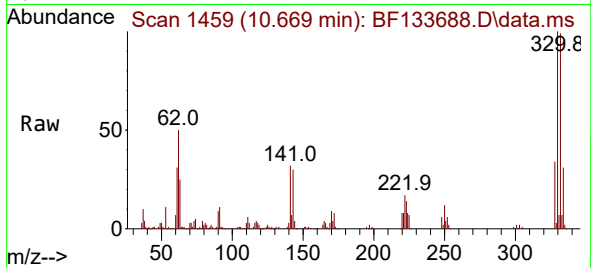




#42  
 2,4,6-Tribromophenol  
 Concen: 66.162 ng  
 RT: 10.669 min Scan# 1460  
 Delta R.T. -0.006 min  
 Lab File: BF133688.D  
 Acq: 09 Jun 2023 21:41

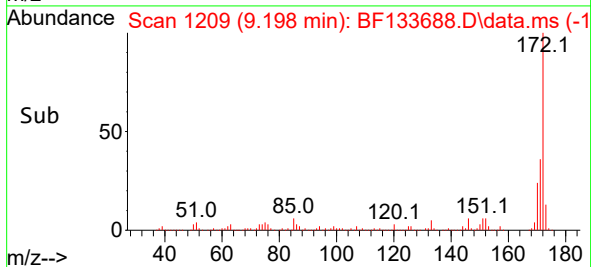
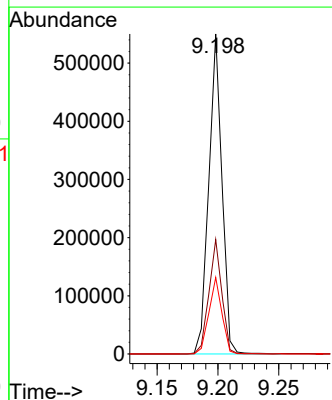
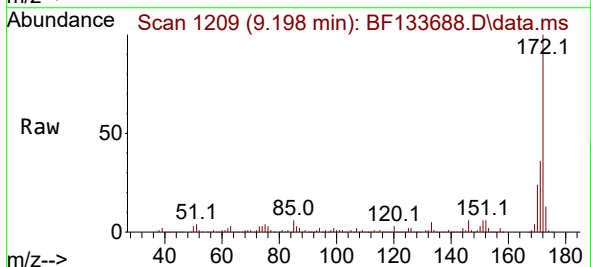
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-10

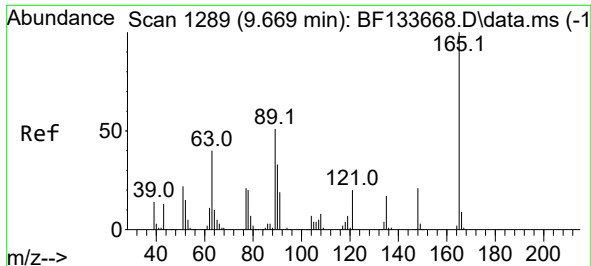
Tgt Ion: 330 Resp: 90215  
 Ion Ratio Lower Upper  
 330 100  
 332 99.0 77.2 115.8  
 141 34.0 24.9 37.3



#45  
 2-Fluorobiphenyl  
 Concen: 54.630 ng  
 RT: 9.198 min Scan# 1209  
 Delta R.T. -0.006 min  
 Lab File: BF133688.D  
 Acq: 09 Jun 2023 21:41

Tgt Ion: 172 Resp: 413979  
 Ion Ratio Lower Upper  
 172 100  
 171 35.8 28.6 43.0  
 170 23.9 19.1 28.7

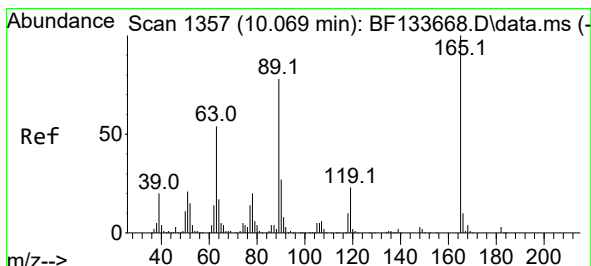
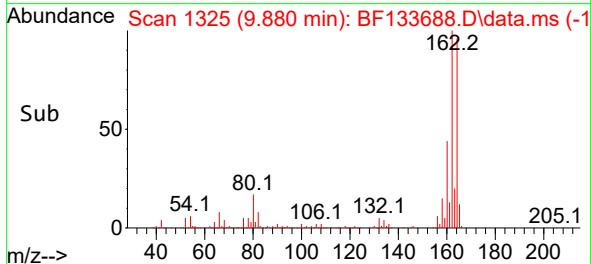
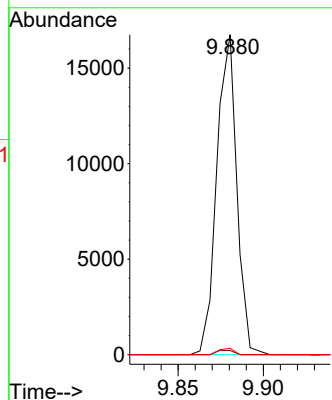
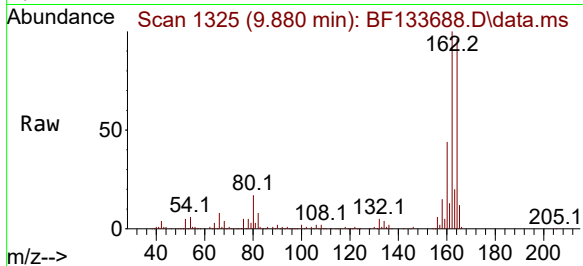




#51  
2,6-Dinitrotoluene  
Concen: 8.240 ng  
RT: 9.880 min Scan# 1325  
Delta R.T. 0.212 min  
Lab File: BF133688.D  
Acq: 09 Jun 2023 21:41

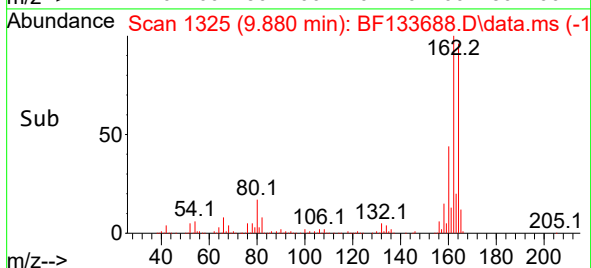
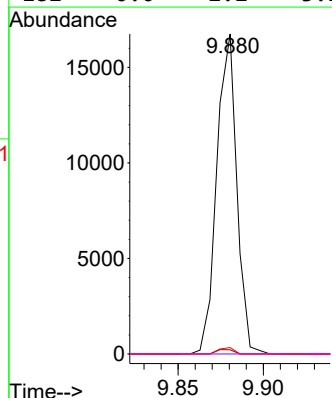
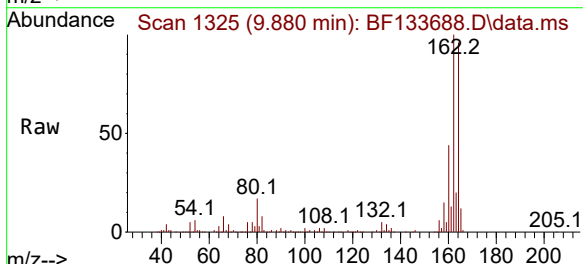
Instrument :  
BNA\_F  
ClientSampleId :  
TP-10

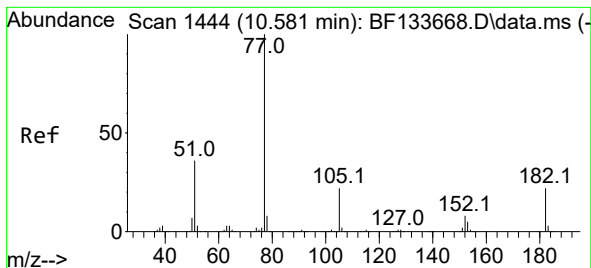
Tgt Ion:165 Resp: 13675  
Ion Ratio Lower Upper  
165 100  
63 1.3 42.1 63.1#  
89 2.0 40.9 61.3#



#57  
2,4-Dinitrotoluene  
Concen: 6.479 ng  
RT: 9.880 min Scan# 1325  
Delta R.T. -0.189 min  
Lab File: BF133688.D  
Acq: 09 Jun 2023 21:41

Tgt Ion:165 Resp: 13675  
Ion Ratio Lower Upper  
165 100  
63 1.3 43.0 64.6#  
89 2.0 62.6 93.8#  
182 0.0 2.2 3.2#





#63

Azobenzene

Concen: 3.753 ng

RT: 10.592 min Scan# 1446

Delta R.T. 0.011 min

Lab File: BF133688.D

Acq: 09 Jun 2023 21:41

Instrument :

BNA\_F

ClientSampleId :

TP-10

Tgt Ion: 77 Resp: 29073

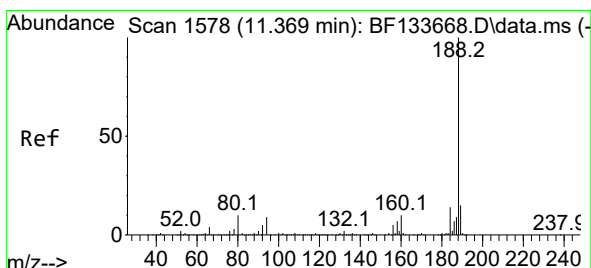
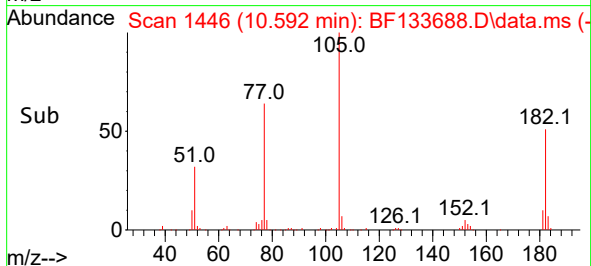
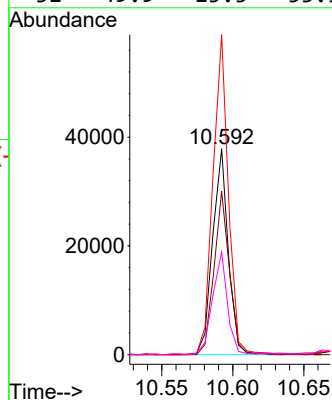
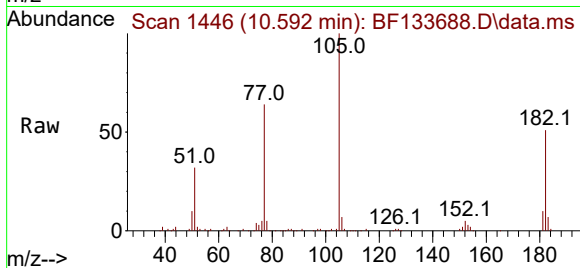
Ion Ratio Lower Upper

77 100

182 79.4 1.6 41.6#

105 155.4 1.6 41.6#

51 49.9 15.5 55.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BF133688.D

Acq: 09 Jun 2023 21:41

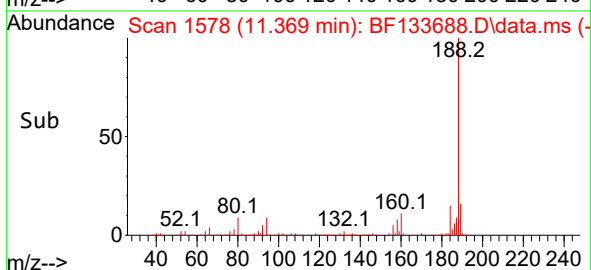
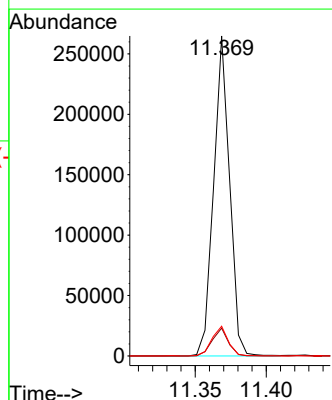
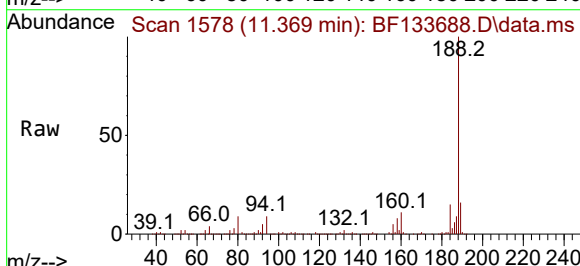
Tgt Ion:188 Resp: 207275

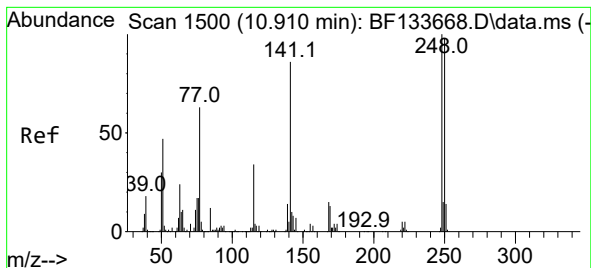
Ion Ratio Lower Upper

188 100

94 8.7 6.8 10.2

80 9.3 7.8 11.6

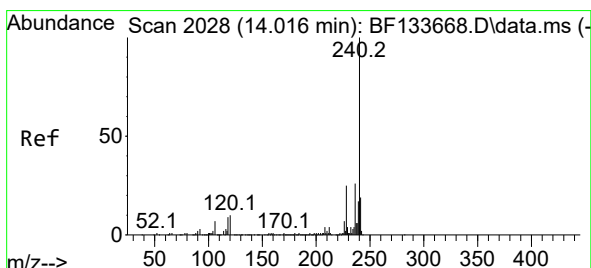
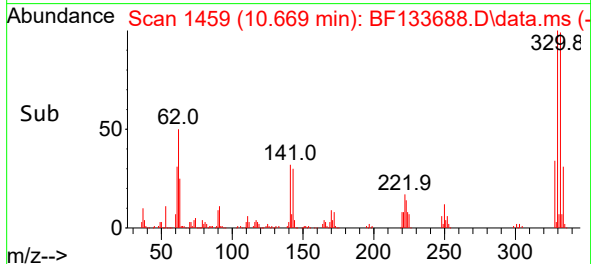
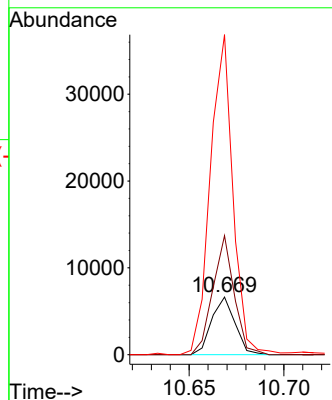
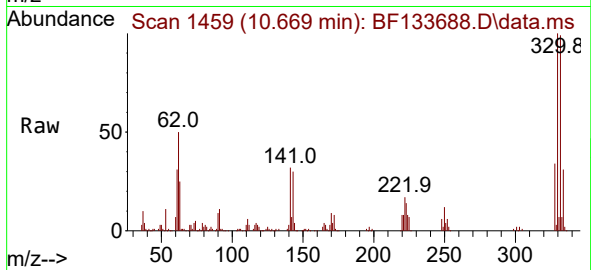




#67  
4-Bromophenyl-phenylether  
Concen: 2.466 ng  
RT: 10.669 min Scan# 14  
Delta R.T. -0.241 min  
Lab File: BF133688.D  
Acq: 09 Jun 2023 21:41

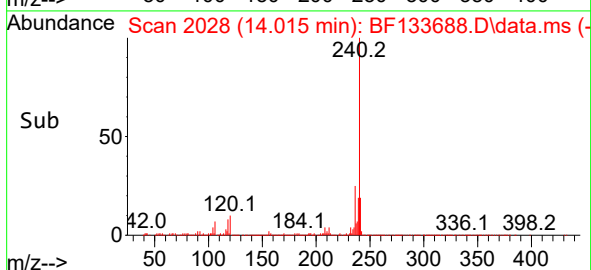
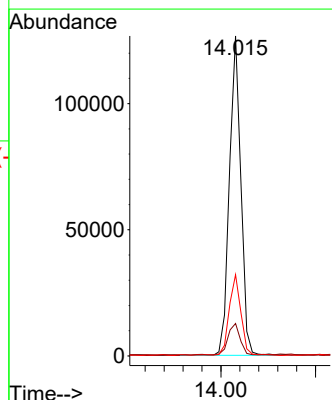
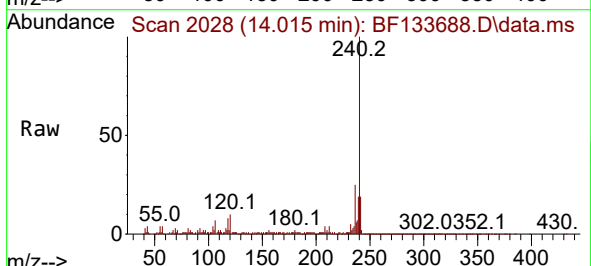
Instrument :  
BNA\_F  
ClientSampleId :  
TP-10

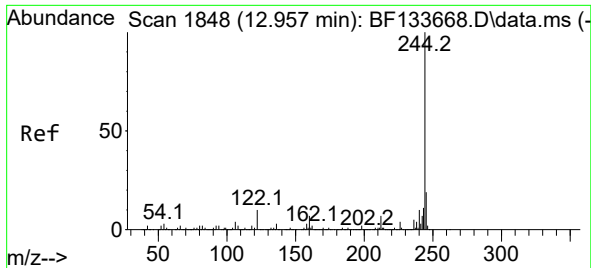
Tgt Ion:248 Resp: 5704  
Ion Ratio Lower Upper  
248 100  
250 206.8 78.3 117.5#  
141 556.0 69.0 103.6#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.015 min Scan# 2028  
Delta R.T. -0.000 min  
Lab File: BF133688.D  
Acq: 09 Jun 2023 21:41

Tgt Ion:240 Resp: 106664  
Ion Ratio Lower Upper  
240 100  
120 10.2 8.1 12.1  
236 25.4 20.5 30.7

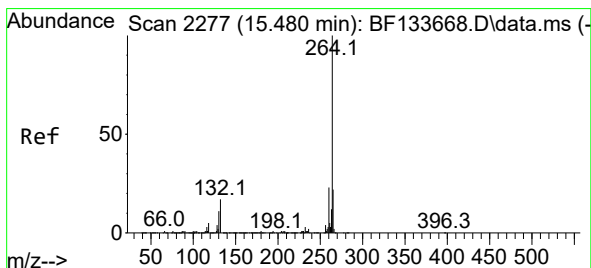
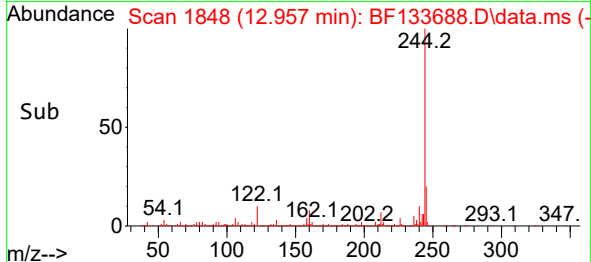
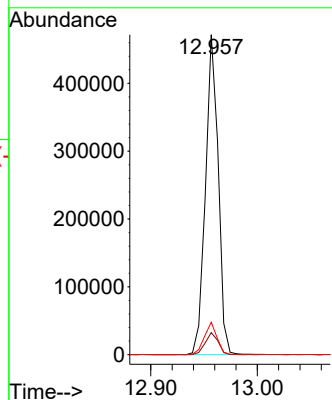
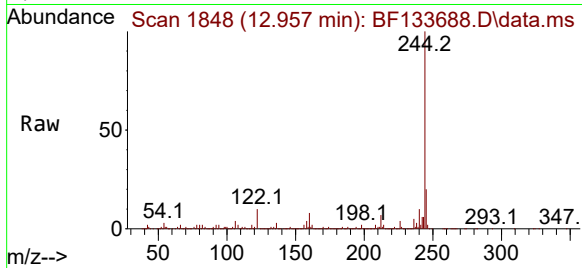




#79  
 Terphenyl-d14  
 Concen: 57.068 ng  
 RT: 12.957 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF133688.D  
 Acq: 09 Jun 2023 21:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-10

Tgt Ion:244 Resp: 393388  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.4 8.2  
 122 10.2 8.1 12.1



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.486 min Scan# 2278  
 Delta R.T. 0.006 min  
 Lab File: BF133688.D  
 Acq: 09 Jun 2023 21:41

Tgt Ion:264 Resp: 88948  
 Ion Ratio Lower Upper  
 264 100  
 260 24.8 18.2 27.2  
 265 23.2 17.8 26.6

