

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052423\  
 Data File : BF133481.D  
 Acq On : 24 May 2023 20:43  
 Operator : CG\JU  
 Sample : 02899-09 10X  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC14

Quant Time: May 25 05:22:47 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 24 02:41:39 2023  
 Response via : Initial Calibration

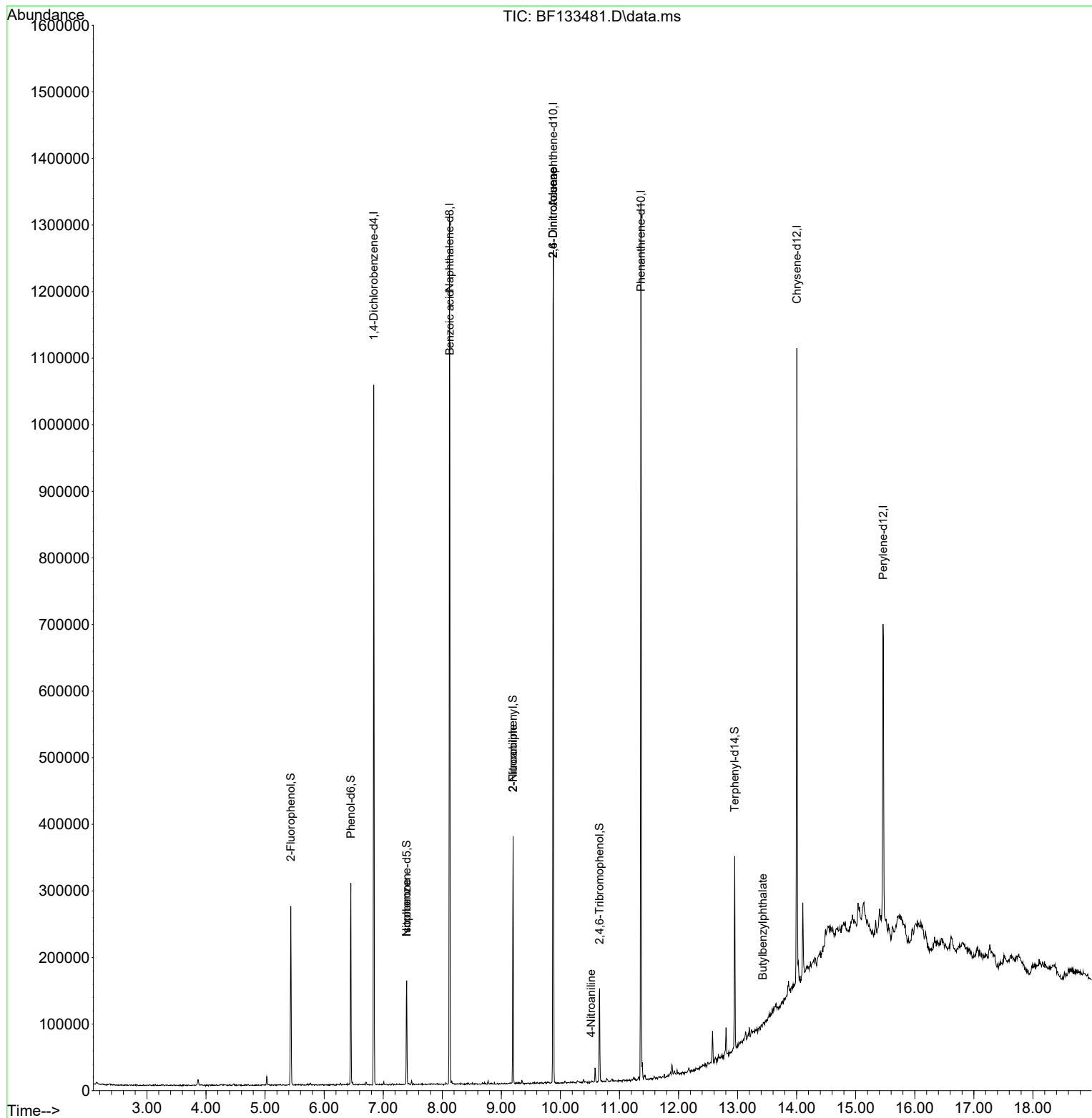
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.840  | 152  | 132228   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.122  | 136  | 511853   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.881  | 164  | 244621   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.363 | 188  | 429806   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.004 | 240  | 284835   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.463 | 264  | 205074   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.434  | 112  | 63544    | 7.855  | ng    | -0.01    |
| 7) Phenol-d6                | 6.451  | 99   | 78927    | 8.117  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.398  | 82   | 38030    | 5.137  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.663 | 330  | 15144    | 6.702  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.198  | 172  | 94202    | 5.418  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.951 | 244  | 87896    | 5.900  | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
|                             |        |      |          |        |       | Qvalue   |
| 25) Isophorone              | 7.398  | 82   | 38028    | 2.183  | ng    | # 66     |
| 32) Benzoic acid            | 8.128  | 122  | 149      | 6.308  | ng    | # 1      |
| 48) 2-Nitroaniline          | 9.198  | 65   | 173      | 5.520  | ng    | # 1      |
| 51) 2,6-Dinitrotoluene      | 9.875  | 165  | 30963    | 13.307 | ng    | # 15     |
| 57) 2,4-Dinitrotoluene      | 9.875  | 165  | 30963    | 12.628 | ng    | # 17     |
| 62) 4-Nitroaniline          | 10.522 | 138  | 57       | 3.878  | ng    | # 17     |
| 80) Butylbenzylphthalate    | 13.427 | 149  | 1521     | 3.533  | ng    | 88       |
| -----                       |        |      |          |        |       |          |

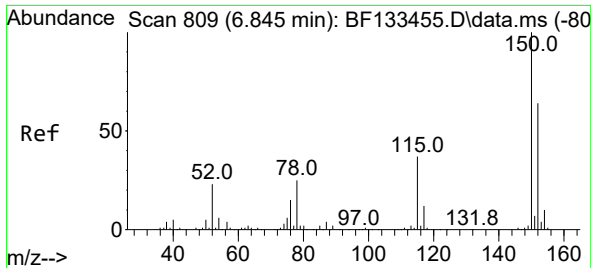
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052423\  
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Quant Time: May 25 05:22:47 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052323.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 24 02:41:39 2023  
Response via : Initial Calibration

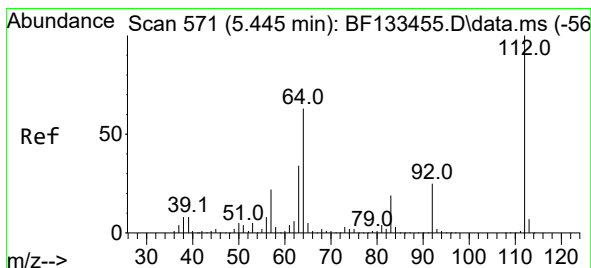
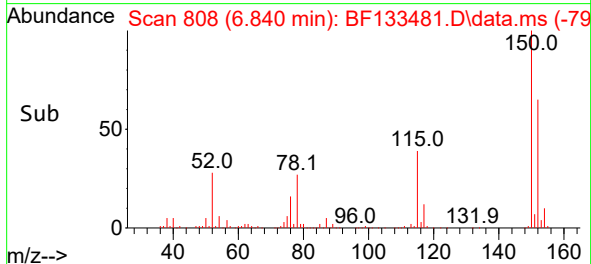
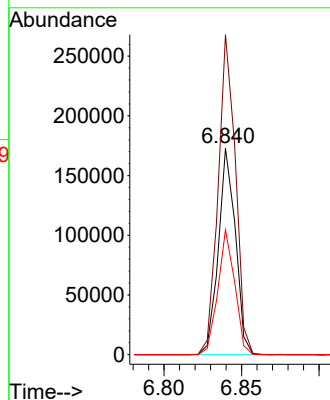
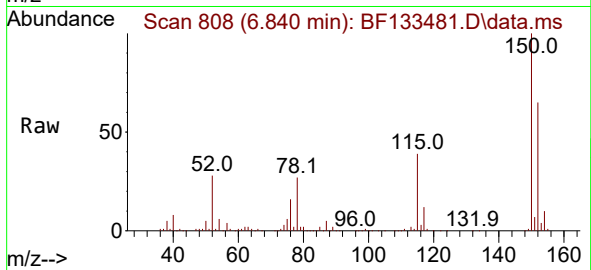




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.840 min Scan# 809  
Delta R.T. -0.005 min  
Lab File: BF133481.D  
Acq: 24 May 2023 20:43

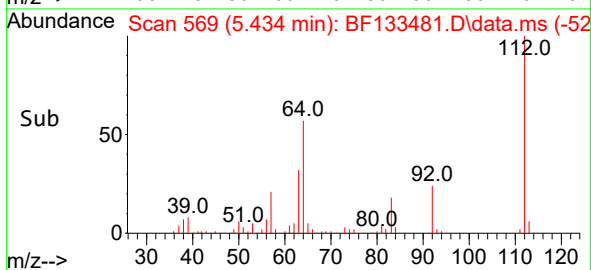
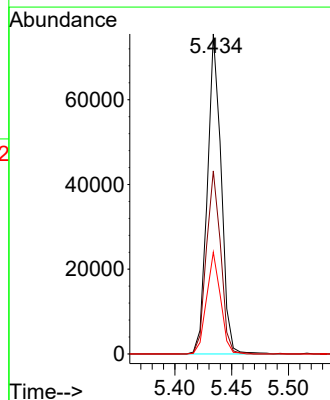
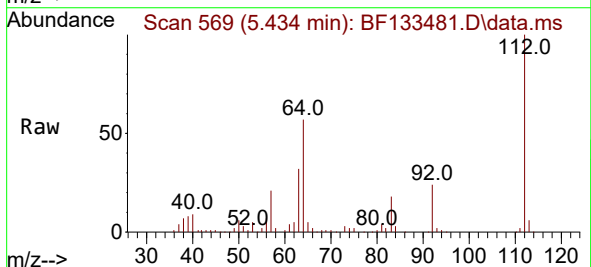
Instrument :  
BNA\_F  
ClientSampleId :  
WC14

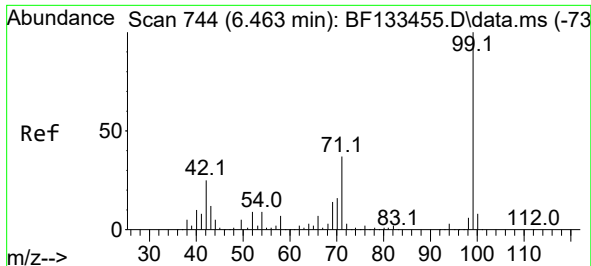
Tgt Ion:152 Resp: 132228  
Ion Ratio Lower Upper  
152 100  
150 154.9 125.6 188.4  
115 60.5 47.0 70.4



#5  
2-Fluorophenol  
Concen: 7.855 ng  
RT: 5.434 min Scan# 569  
Delta R.T. -0.012 min  
Lab File: BF133481.D  
Acq: 24 May 2023 20:43

Tgt Ion:112 Resp: 63544  
Ion Ratio Lower Upper  
112 100  
64 57.2 50.2 75.4  
63 31.8 27.2 40.8

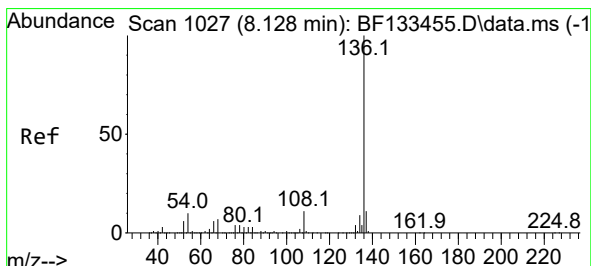
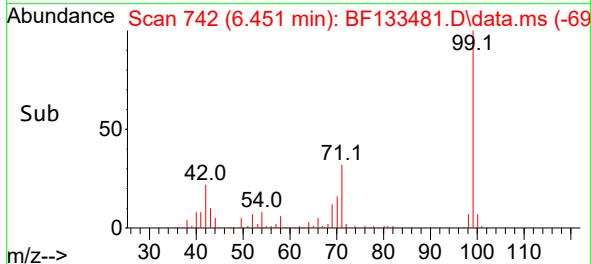
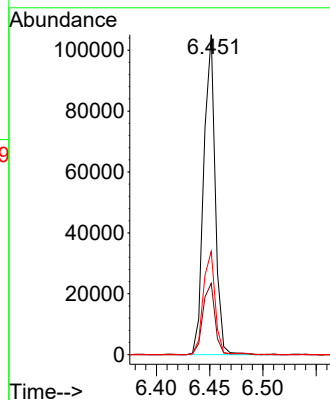
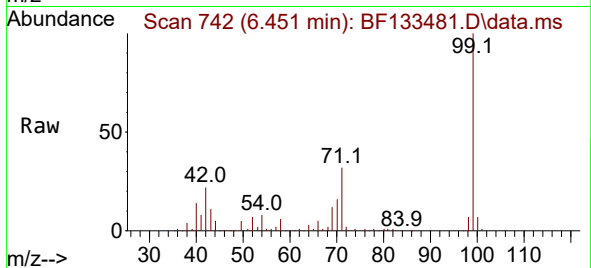




#7  
Phenol-d6  
Concen: 8.117 ng  
RT: 6.451 min Scan# 744  
Delta R.T. -0.012 min  
Lab File: BF133481.D  
Acq: 24 May 2023 20:43

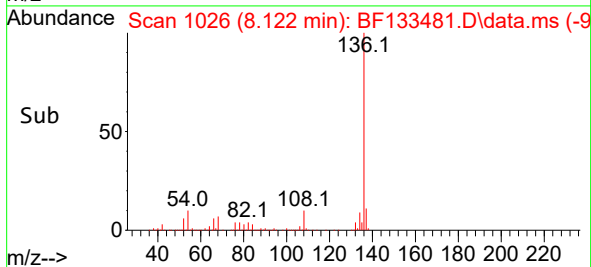
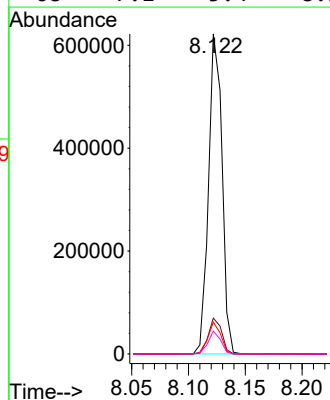
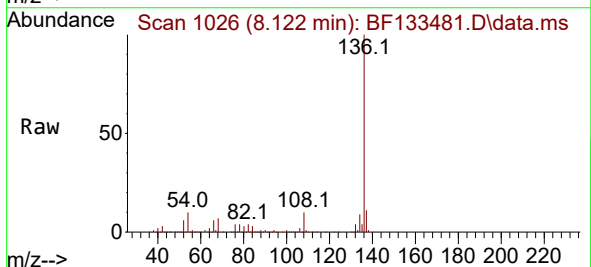
Instrument :  
BNA\_F  
ClientSampleId :  
WC14

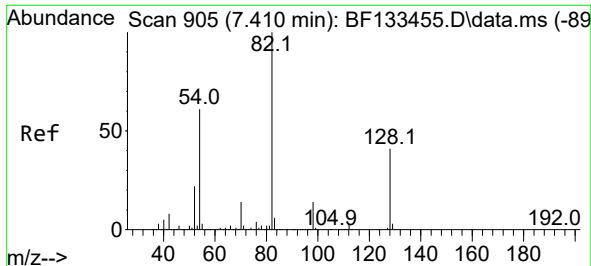
Tgt Ion: 99 Resp: 78927  
Ion Ratio Lower Upper  
99 100  
42 22.3 19.6 29.4  
71 32.3 29.5 44.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.122 min Scan# 1026  
Delta R.T. -0.006 min  
Lab File: BF133481.D  
Acq: 24 May 2023 20:43

Tgt Ion: 136 Resp: 511853  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.8 13.2  
54 9.9 8.0 12.0  
68 7.1 5.4 8.2





#23

Nitrobenzene-d5

Concen: 5.137 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.012 min

Lab File: BF133481.D

Acq: 24 May 2023 20:43

Instrument :

BNA\_F

ClientSampleId :

WC14

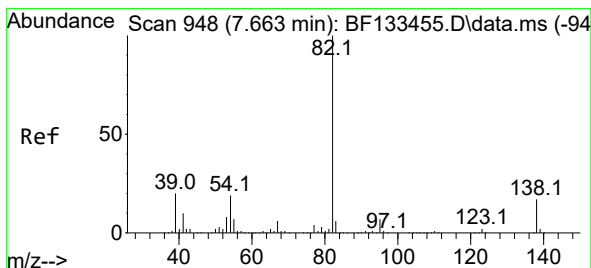
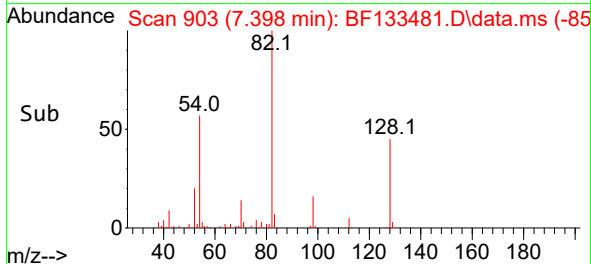
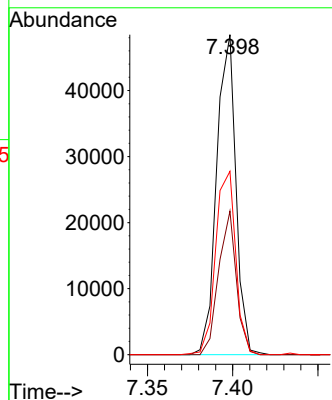
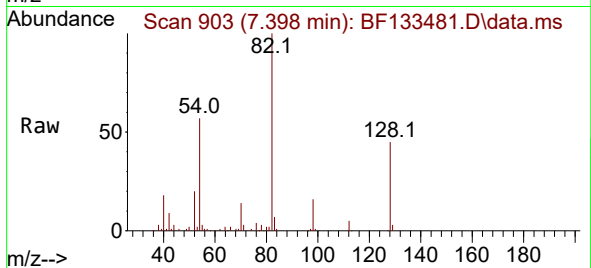
Tgt Ion: 82 Resp: 38030

Ion Ratio Lower Upper

82 100

128 44.9 33.0 49.6

54 57.3 48.5 72.7



#25

Isophorone

Concen: 2.183 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.265 min

Lab File: BF133481.D

Acq: 24 May 2023 20:43

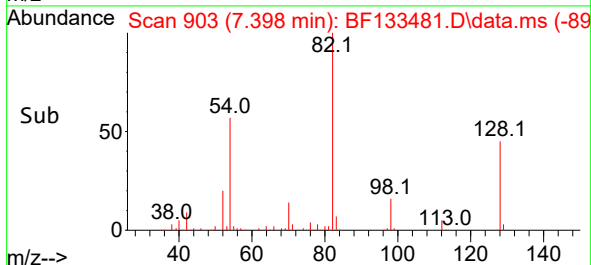
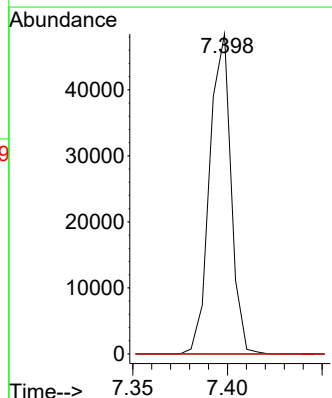
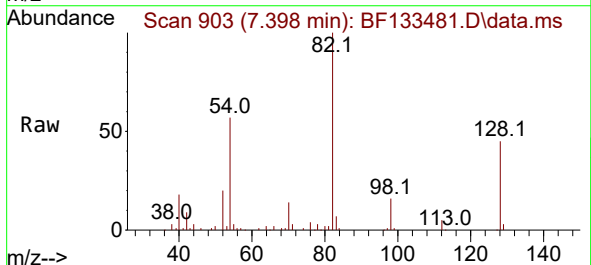
Tgt Ion: 82 Resp: 38028

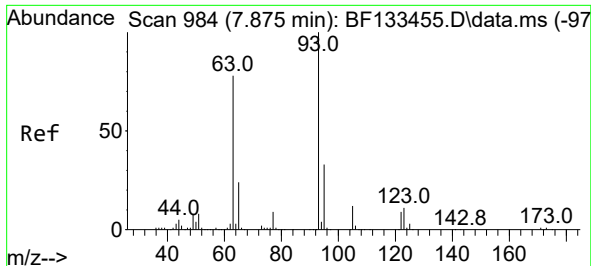
Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

138 0.0 13.5 20.3#

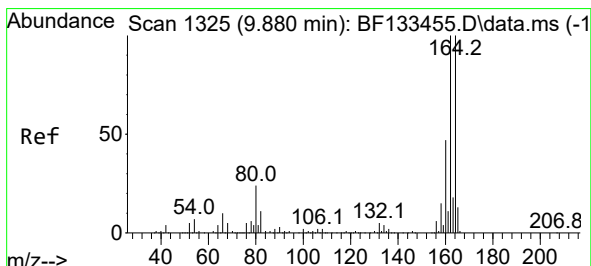
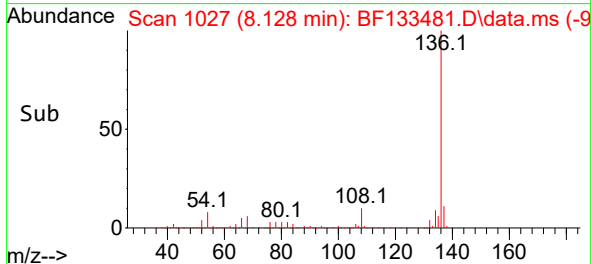
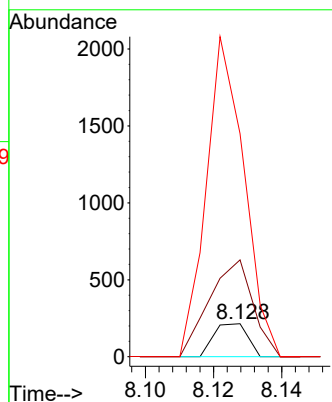
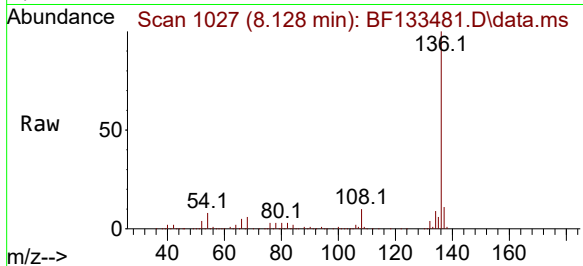




#32  
Benzoic acid  
Concen: 6.308 ng  
RT: 8.128 min Scan# 1027  
Delta R.T. 0.253 min  
Lab File: BF133481.D  
Acq: 24 May 2023 20:43

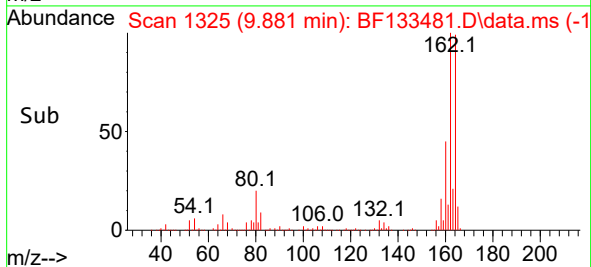
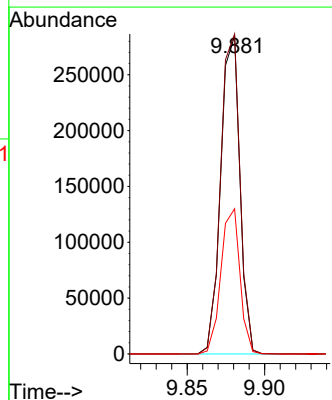
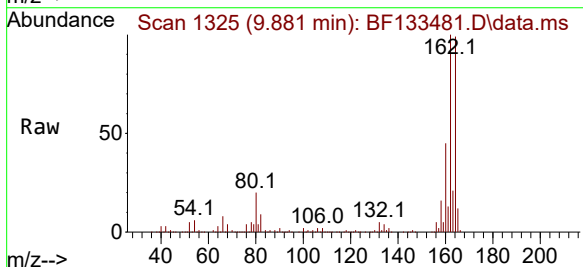
Instrument :  
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ClientSampleId :  
WC14

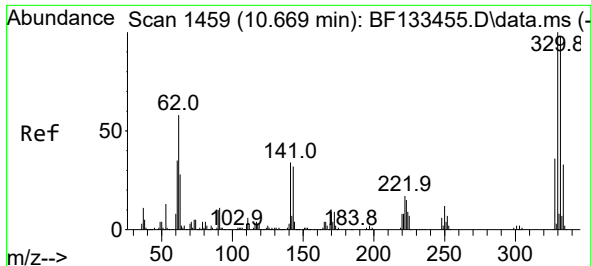
Tgt Ion:122 Resp: 149  
Ion Ratio Lower Upper  
122 100  
105 293.0 111.2 151.2#  
77 674.4 82.0 122.0#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.881 min Scan# 1325  
Delta R.T. 0.001 min  
Lab File: BF133481.D  
Acq: 24 May 2023 20:43

Tgt Ion:164 Resp: 244621  
Ion Ratio Lower Upper  
164 100  
162 100.7 79.8 119.6  
160 45.6 37.4 56.0

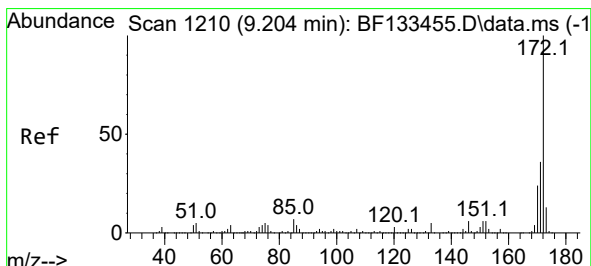
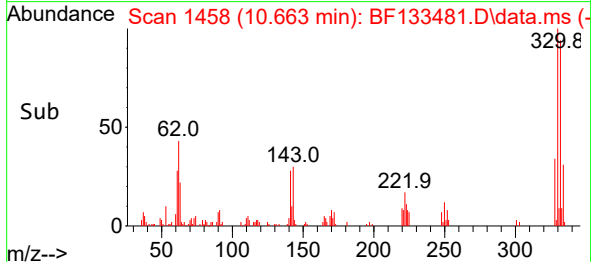
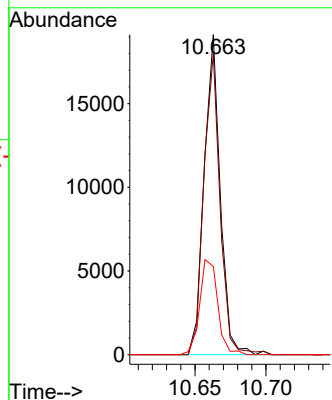
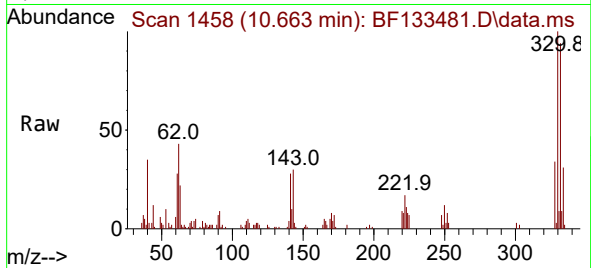




#42  
2,4,6-Tribromophenol  
Concen: 6.702 ng  
RT: 10.663 min Scan# 1459  
Delta R.T. -0.006 min  
Lab File: BF133481.D  
Acq: 24 May 2023 20:43

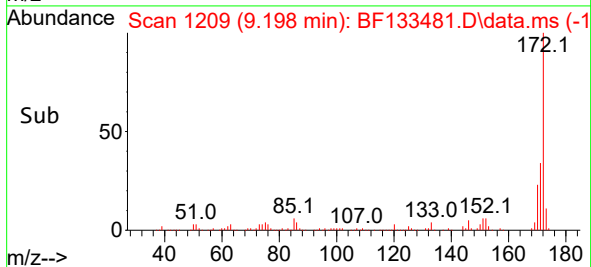
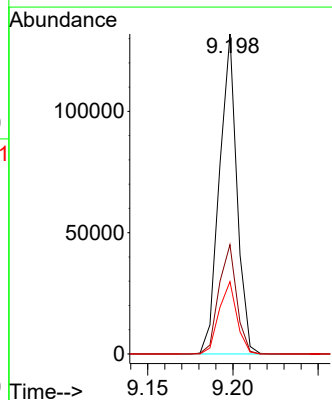
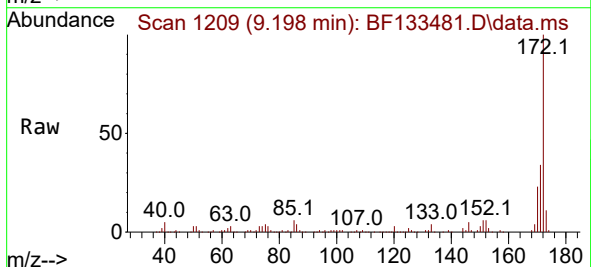
Instrument :  
BNA\_F  
ClientSampleId :  
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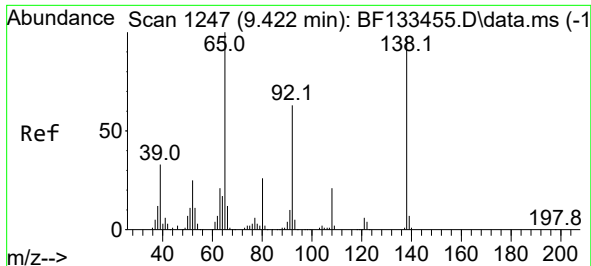
Tgt Ion:330 Resp: 15144  
Ion Ratio Lower Upper  
330 100  
332 94.1 77.0 115.6  
141 33.2 28.5 42.7



#45  
2-Fluorobiphenyl  
Concen: 5.418 ng  
RT: 9.198 min Scan# 1209  
Delta R.T. -0.006 min  
Lab File: BF133481.D  
Acq: 24 May 2023 20:43

Tgt Ion:172 Resp: 94202  
Ion Ratio Lower Upper  
172 100  
171 34.2 28.5 42.7  
170 22.6 19.0 28.4

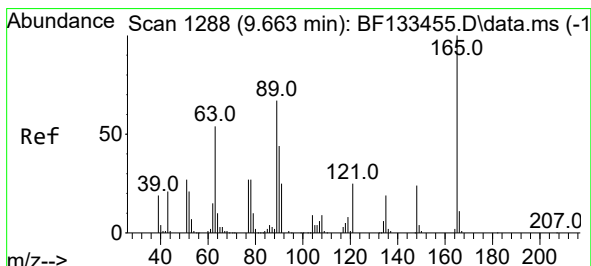
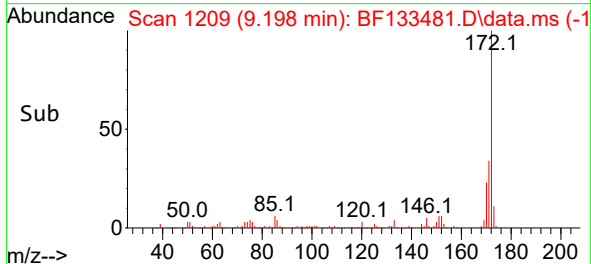
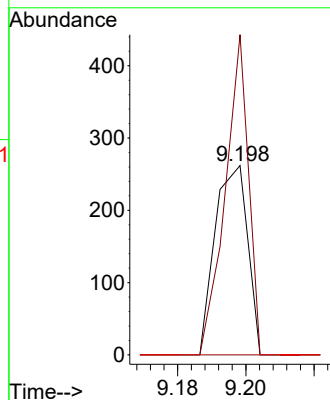
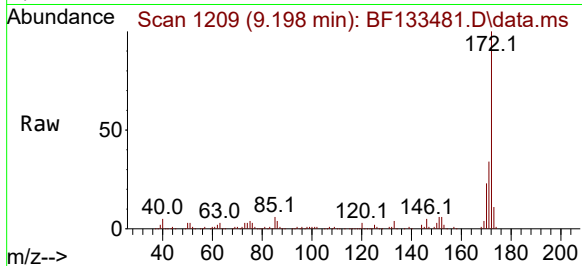




#48  
2-Nitroaniline  
Concen: 5.520 ng  
RT: 9.198 min Scan# 11  
Delta R.T. -0.224 min  
Lab File: BF133481.D  
Acq: 24 May 2023 20:43

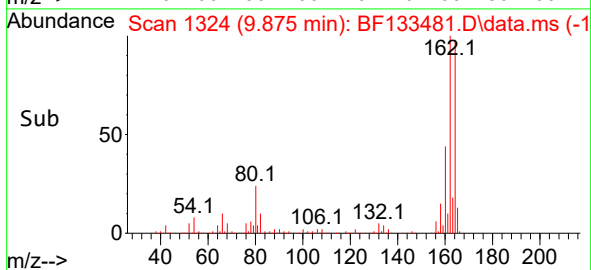
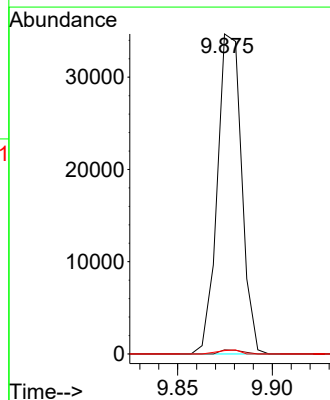
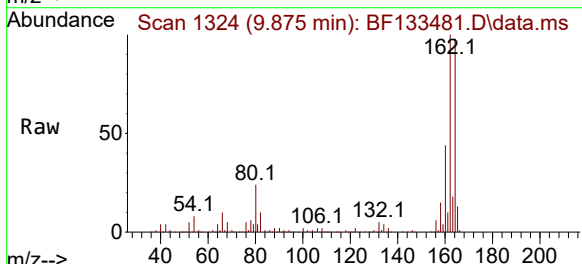
Instrument :  
BNA\_F  
ClientSampleId :  
WC14

Tgt Ion: 65 Resp: 173  
Ion Ratio Lower Upper  
65 100  
92 169.1 50.1 75.1#  
138 0.0 78.6 118.0#

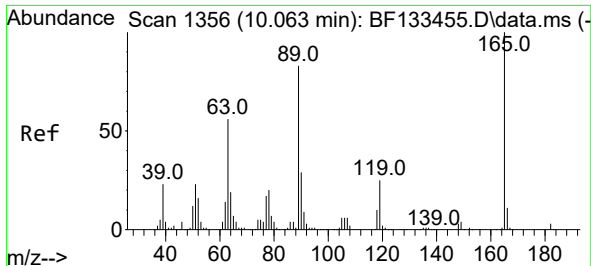


#51  
2,6-Dinitrotoluene  
Concen: 13.307 ng  
RT: 9.875 min Scan# 1324  
Delta R.T. 0.212 min  
Lab File: BF133481.D  
Acq: 24 May 2023 20:43

Tgt Ion:165 Resp: 30963  
Ion Ratio Lower Upper  
165 100  
63 1.3 61.0 91.4#  
89 1.0 53.5 80.3#



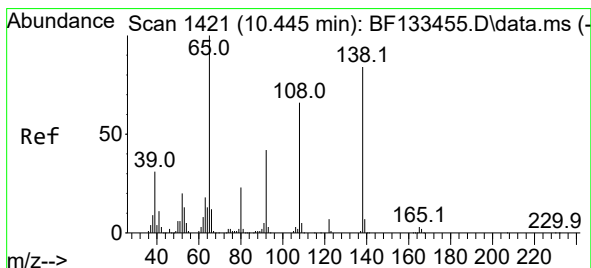
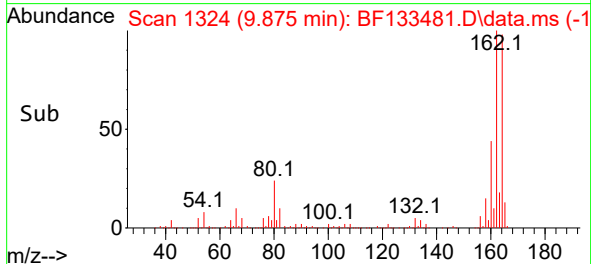
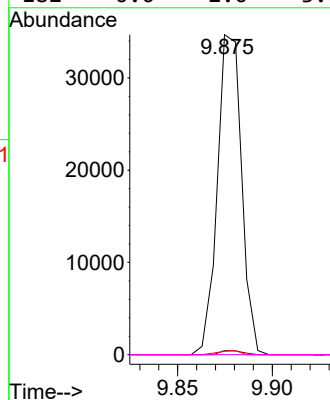
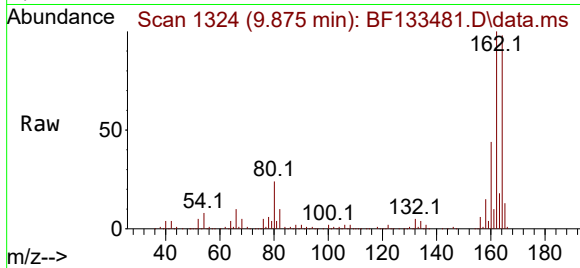




#57  
2,4-Dinitrotoluene  
Concen: 12.628 ng  
RT: 9.875 min Scan# 11  
Delta R.T. -0.188 min  
Lab File: BF133481.D  
Acq: 24 May 2023 20:43

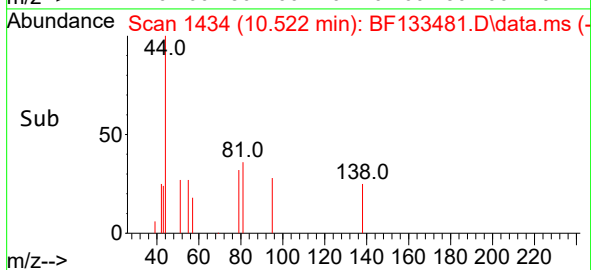
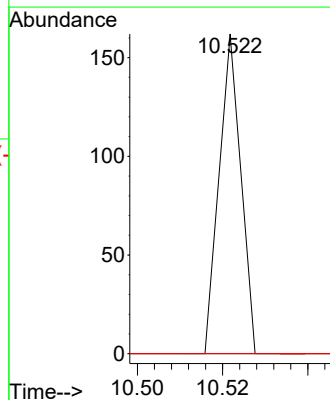
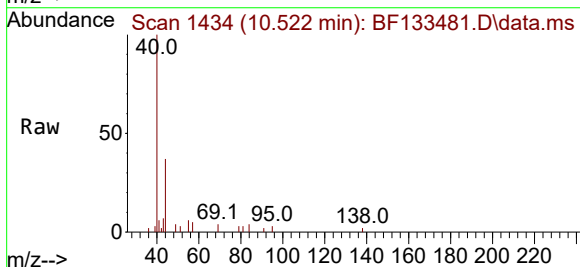
Instrument :  
BNA\_F  
ClientSampleId :  
WC14

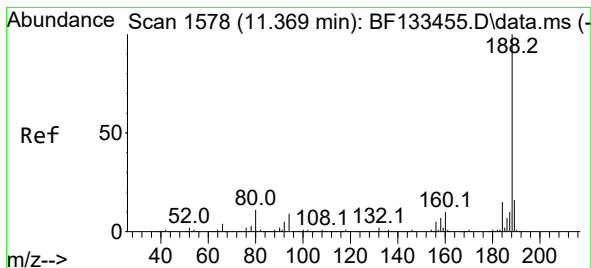
Tgt Ion:165 Resp: 30963  
Ion Ratio Lower Upper  
165 100  
63 1.3 45.1 67.7#  
89 1.0 66.7 100.1#  
182 0.0 2.0 3.0#



#62  
4-Nitroaniline  
Concen: 3.878 ng  
RT: 10.522 min Scan# 1434  
Delta R.T. 0.077 min  
Lab File: BF133481.D  
Acq: 24 May 2023 20:43

Tgt Ion:138 Resp: 57  
Ion Ratio Lower Upper  
138 100  
92 0.0 29.2 69.2#  
108 0.0 58.4 98.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133481.D

Acq: 24 May 2023 20:43

Instrument :

BNA\_F

ClientSampleId :

WC14

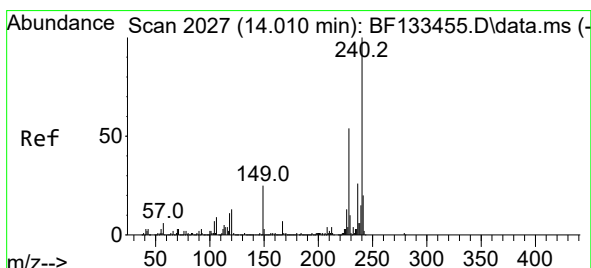
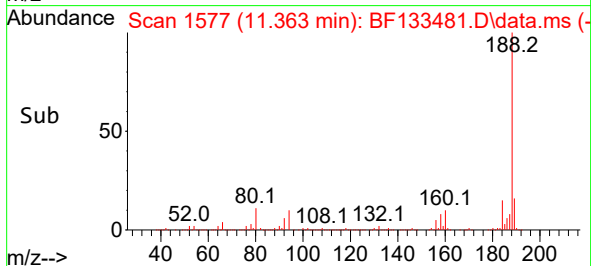
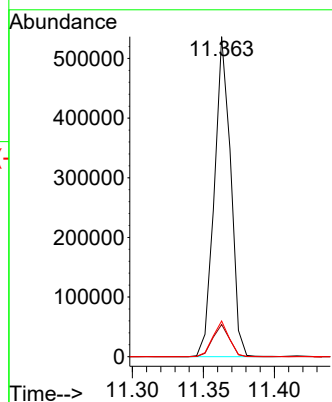
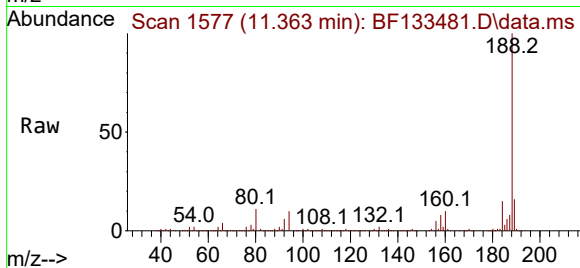
Tgt Ion:188 Resp: 429806

Ion Ratio Lower Upper

188 100

94 10.0 7.5 11.3

80 11.2 8.7 13.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF133481.D

Acq: 24 May 2023 20:43

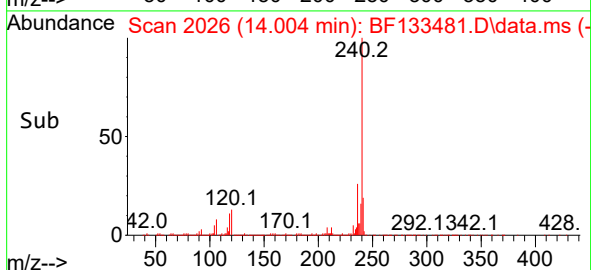
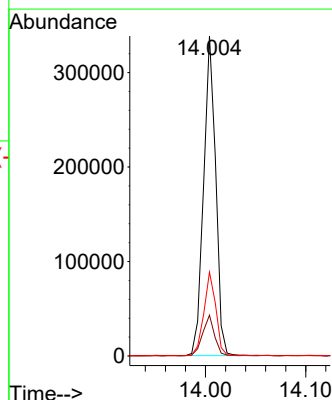
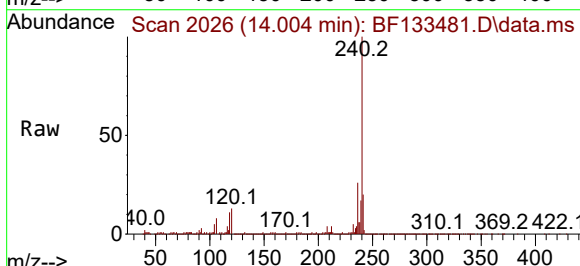
Tgt Ion:240 Resp: 284835

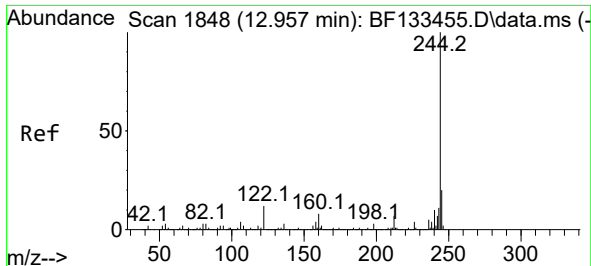
Ion Ratio Lower Upper

240 100

120 12.8 10.2 15.4

236 26.2 20.9 31.3

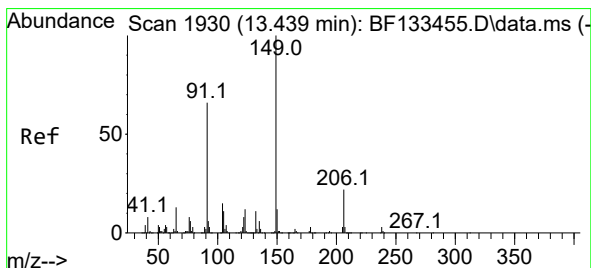
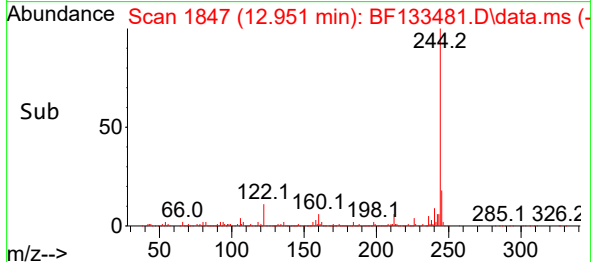
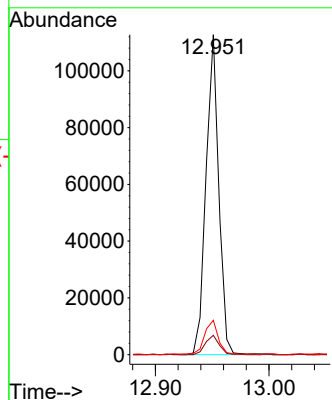
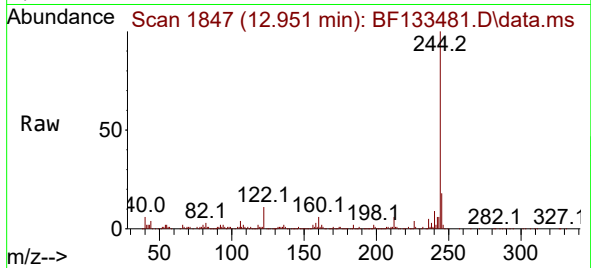




#79  
 Terphenyl-d14  
 Concen: 5.900 ng  
 RT: 12.951 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF133481.D  
 Acq: 24 May 2023 20:43

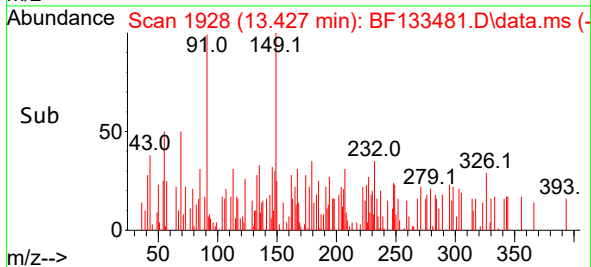
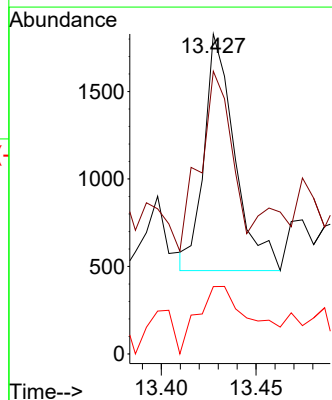
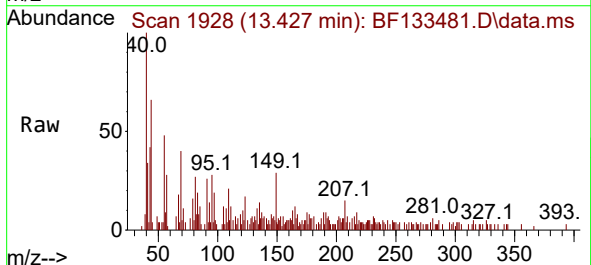
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC14

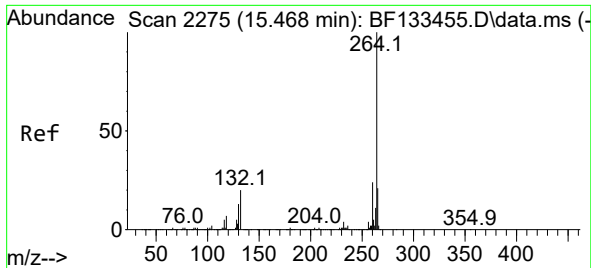
Tgt Ion:244 Resp: 87896  
 Ion Ratio Lower Upper  
 244 100  
 212 6.1 5.6 8.4  
 122 10.8 9.4 14.0



#80  
 Butylbenzylphthalate  
 Concen: 3.533 ng  
 RT: 13.427 min Scan# 1928  
 Delta R.T. -0.012 min  
 Lab File: BF133481.D  
 Acq: 24 May 2023 20:43

Tgt Ion:149 Resp: 1521  
 Ion Ratio Lower Upper  
 149 100  
 91 76.9 53.1 79.7  
 206 18.3 17.4 26.0





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.463 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BF133481.D  
 Acq: 24 May 2023 20:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC14

Tgt Ion:264 Resp: 205074  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 18.8 28.2  
 265 22.4 17.0 25.4

