

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF031124\  
 Data File : BF137561.D  
 Acq On : 11 Mar 2024 17:47  
 Operator : CG\JU  
 Sample : P1720-03  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RT3471

Quant Time: Mar 12 02:05:30 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 12 02:00:03 2024  
 Response via : Initial Calibration

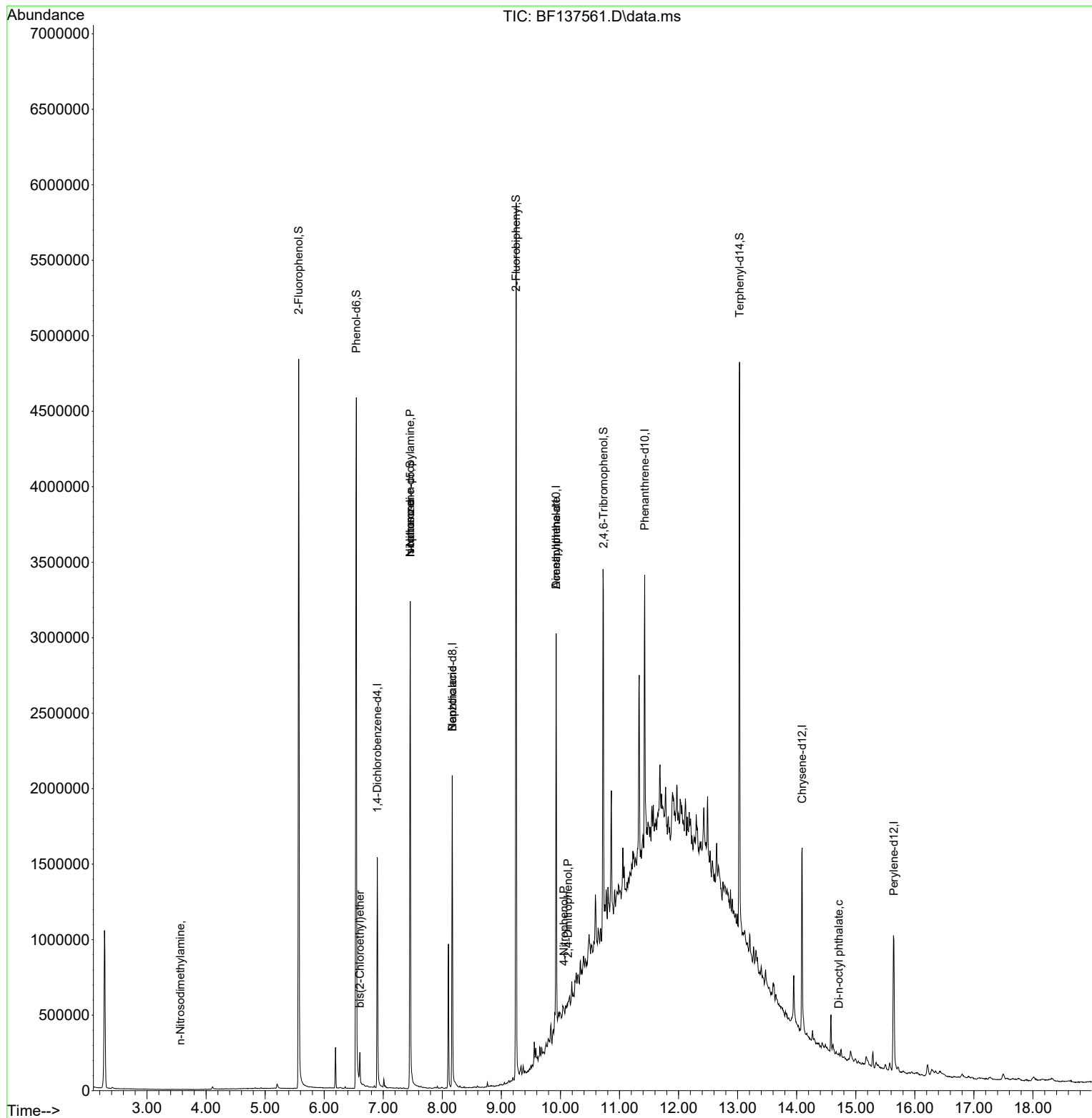
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.898  | 152  | 226422   | 20.000 | ng     | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 897829   | 20.000 | ng     | 0.00     |
| 39) Acenaphthene-d10          | 9.928  | 164  | 489117   | 20.000 | ng     | 0.00     |
| 64) Phenanthrene-d10          | 11.427 | 188  | 725921   | 20.000 | ng     | 0.00     |
| 76) Chrysene-d12              | 14.092 | 240  | 442696   | 20.000 | ng     | 0.00     |
| 86) Perylene-d12              | 15.645 | 264  | 467640   | 20.000 | ng     | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 5) 2-Fluorophenol             | 5.569  | 112  | 1377616  | 92.149 | ng     | 0.00     |
| 7) Phenol-d6                  | 6.545  | 99   | 1894114  | 87.773 | ng     | -0.01    |
| 23) Nitrobenzene-d5           | 7.457  | 82   | 1133885  | 58.680 | ng     | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.727 | 330  | 358222   | 83.399 | ng     | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.251  | 172  | 1846050  | 59.081 | ng     | 0.00     |
| 79) Terphenyl-d14             | 13.033 | 244  | 1401714  | 43.540 | ng     | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 4) n-Nitrosodimethylamine     | 3.563  | 42   | 371      | 3.851  | ng     | # 1      |
| 11) bis(2-Chloroethyl)ether   | 6.604  | 93   | 36655    | 2.154  | ng     | # 22     |
| 19) n-Nitroso-di-n-propyla... | 7.457  | 70   | 148441   | 11.139 | ng     | # 80     |
| 25) Isophorone                | 7.457  | 82   | 1133872  | 30.887 | ng     | # 69     |
| 32) Benzoic acid              | 8.169  | 122  | 170      | 6.316  | ng     | # 1      |
| 50) Dimethylphthalate         | 9.928  | 163  | 80286    | 2.358  | ng     | # 1      |
| 54) 2,4-Dinitrophenol         | 10.128 | 184  | 69       | 8.243  | ng     | # 1      |
| 56) 4-Nitrophenol             | 10.063 | 139  | 409      | 4.599  | ng     | # 1      |
| 85) Di-n-octyl phthalate      | 14.715 | 149  | 4340     | 5.748  | ng     | # 72     |
| -----                         |        |      |          |        |        |          |

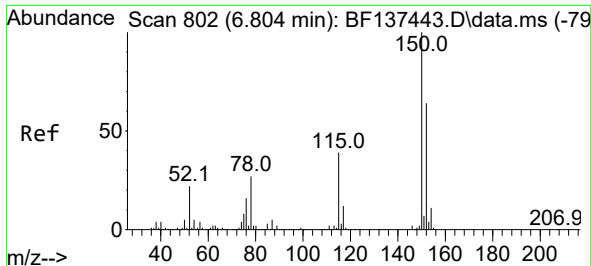
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF031124\  
Data File : BF137561.D  
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Sample : P1720-03  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
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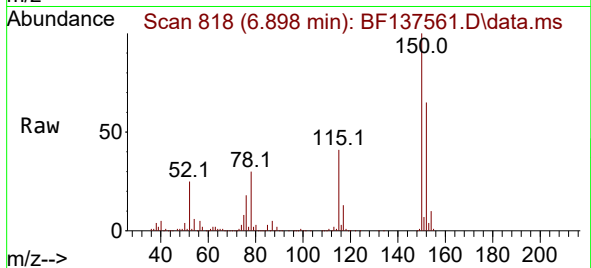
Quant Time: Mar 12 02:05:30 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Mar 12 02:00:03 2024  
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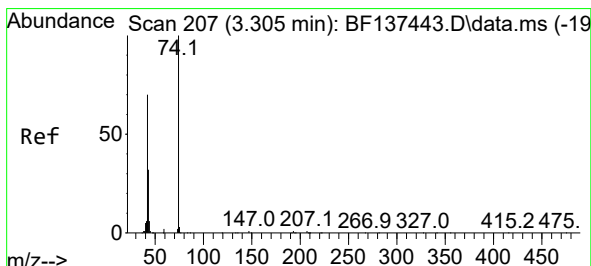
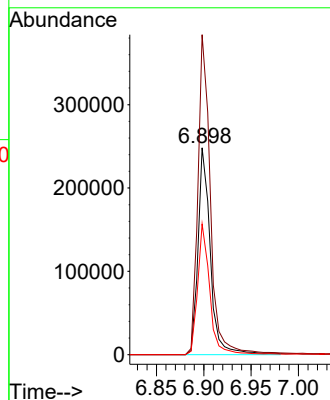
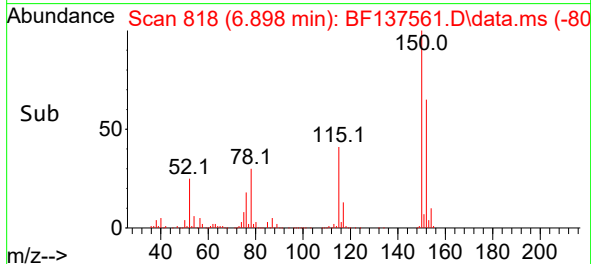


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.898 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF137561.D  
Acq: 11 Mar 2024 17:47

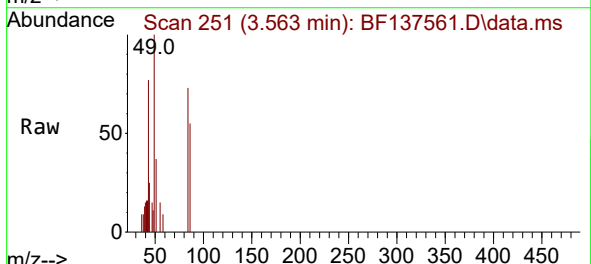
Instrument :  
BNA\_F  
ClientSampleId :  
RT3471



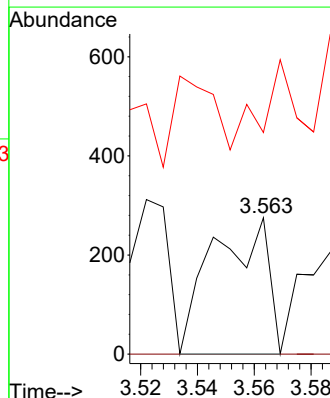
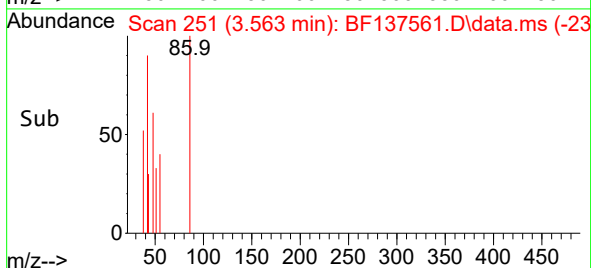
Tgt Ion:152 Resp: 226422  
Ion Ratio Lower Upper  
152 100  
150 154.6 125.8 188.6  
115 63.2 48.8 73.2

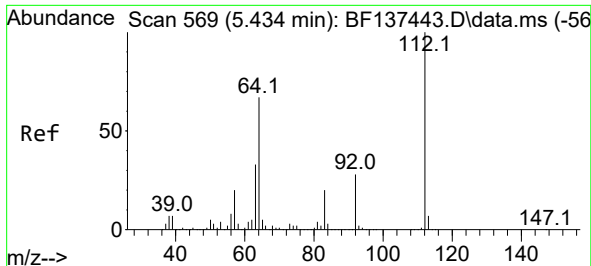


#4  
n-Nitrosodimethylamine  
Concen: 3.851 ng  
RT: 3.563 min Scan# 251  
Delta R.T. -0.006 min  
Lab File: BF137561.D  
Acq: 11 Mar 2024 17:47



Tgt Ion: 42 Resp: 371  
Ion Ratio Lower Upper  
42 100  
74 0.0 114.0 171.0#  
44 162.5 7.0 10.4#

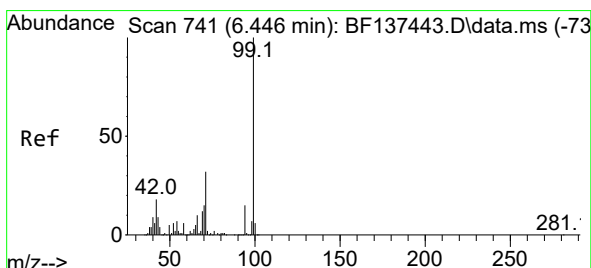
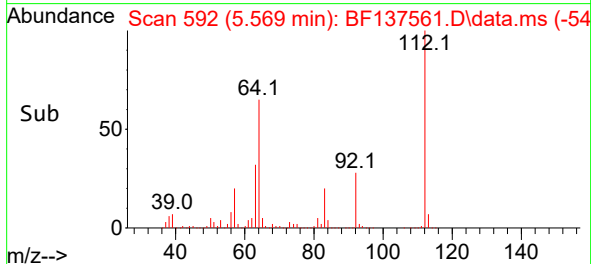
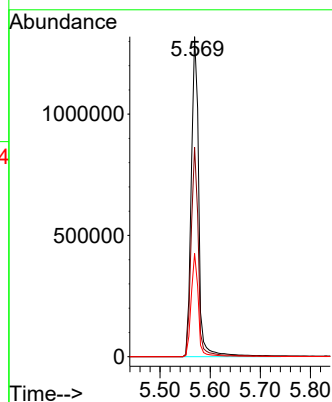
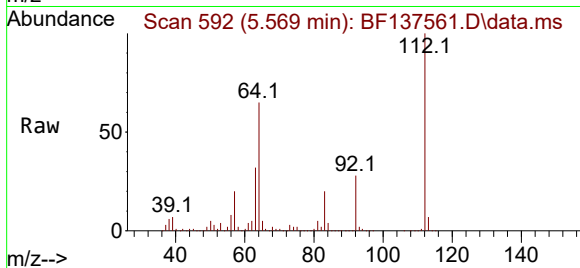




#5  
2-Fluorophenol  
Concen: 92.149 ng  
RT: 5.569 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: BF137561.D  
Acq: 11 Mar 2024 17:47

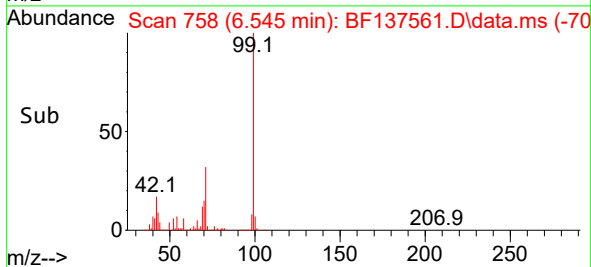
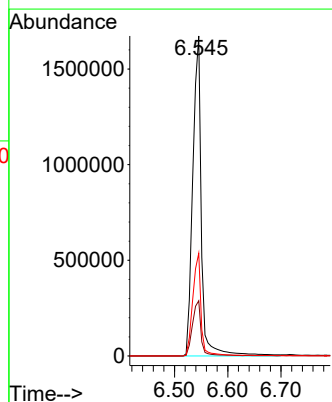
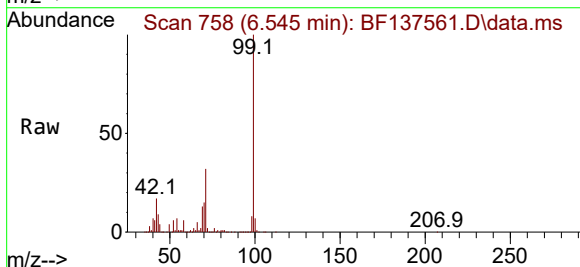
Instrument :  
BNA\_F  
ClientSampleId :  
RT3471

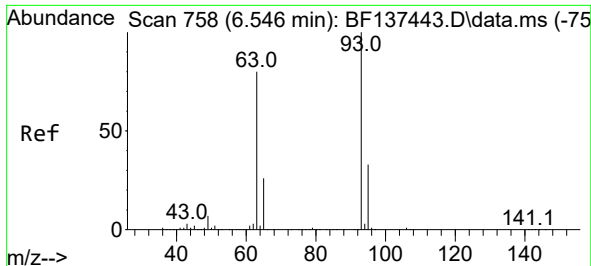
Tgt Ion:112 Resp: 1377616  
Ion Ratio Lower Upper  
112 100  
64 65.5 53.4 80.2  
63 32.3 26.2 39.2



#7  
Phenol-d6  
Concen: 87.773 ng  
RT: 6.545 min Scan# 758  
Delta R.T. -0.012 min  
Lab File: BF137561.D  
Acq: 11 Mar 2024 17:47

Tgt Ion: 99 Resp: 1894114  
Ion Ratio Lower Upper  
99 100  
42 17.3 14.6 21.8  
71 32.1 25.3 37.9

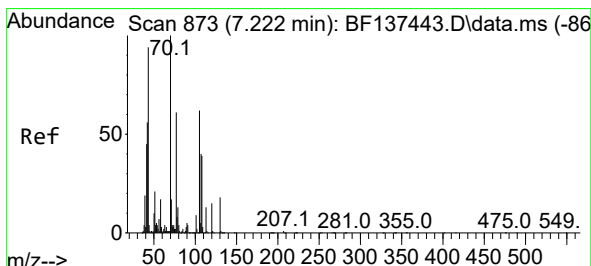
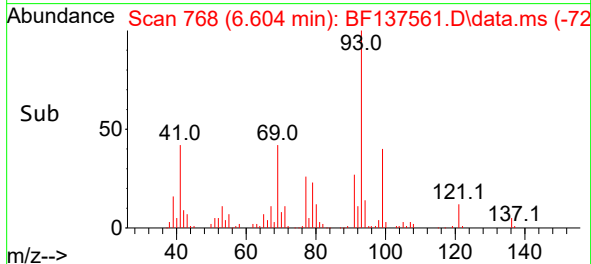
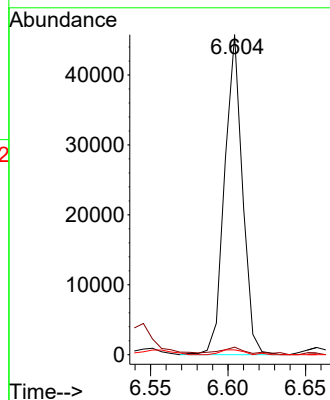
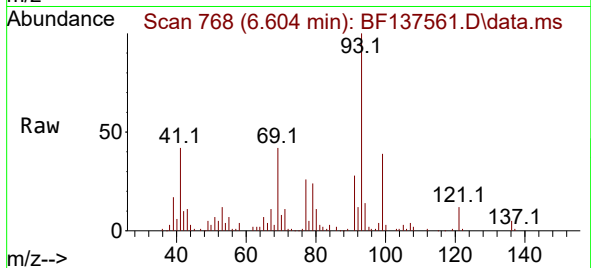




#11  
bis(2-Chloroethyl)ether  
Concen: 2.154 ng  
RT: 6.604 min Scan# 70  
Delta R.T. -0.047 min  
Lab File: BF137561.D  
Acq: 11 Mar 2024 17:47

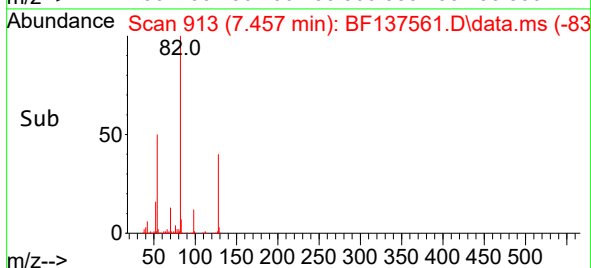
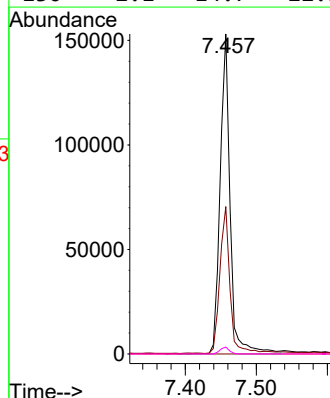
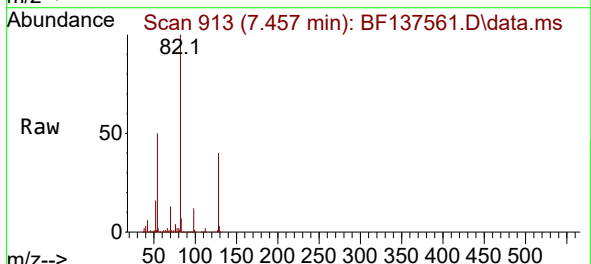
Instrument :  
BNA\_F  
ClientSampleId :  
RT3471

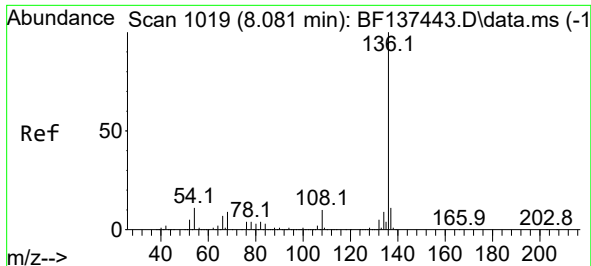
Tgt Ion: 93 Resp: 36655  
Ion Ratio Lower Upper  
93 100  
63 2.4 58.9 98.9#  
95 1.5 12.2 52.2#



#19  
n-Nitroso-di-n-propylamine  
Concen: 11.139 ng  
RT: 7.457 min Scan# 913  
Delta R.T. 0.135 min  
Lab File: BF137561.D  
Acq: 11 Mar 2024 17:47

Tgt Ion: 70 Resp: 148441  
Ion Ratio Lower Upper  
70 100  
42 46.1 45.2 67.8  
101 0.0 7.3 10.9#  
130 2.1 14.7 22.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF137561.D

Acq: 11 Mar 2024 17:47

Instrument :

BNA\_F

ClientSampleId :

RT3471

Tgt Ion:136 Resp: 897829

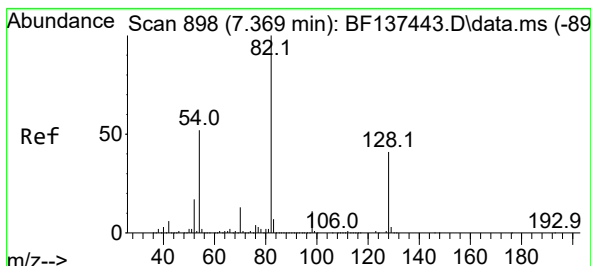
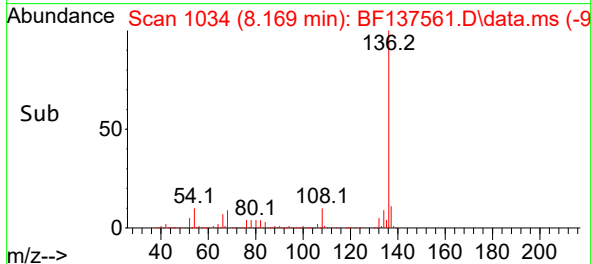
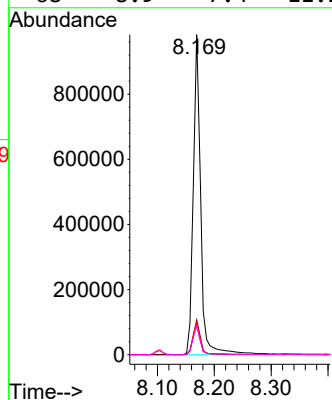
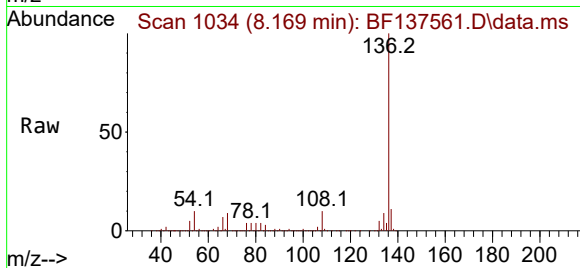
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 10.0 8.5 12.7

68 8.9 7.4 11.2



#23

Nitrobenzene-d5

Concen: 58.680 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.012 min

Lab File: BF137561.D

Acq: 11 Mar 2024 17:47

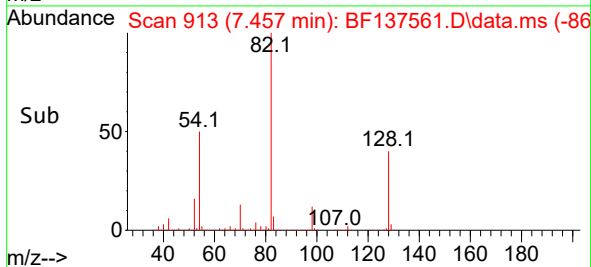
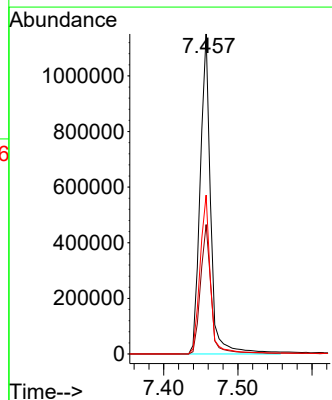
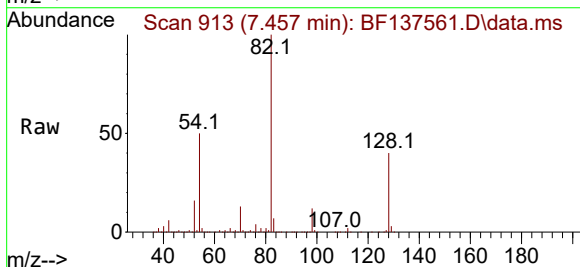
Tgt Ion: 82 Resp: 1133885

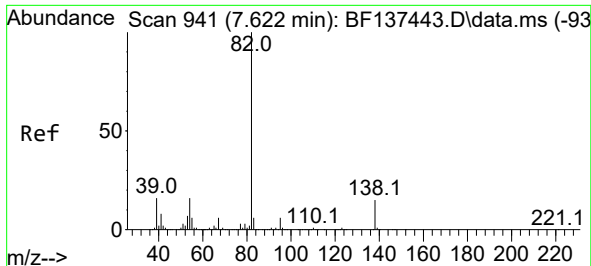
Ion Ratio Lower Upper

82 100

128 40.5 32.5 48.7

54 49.7 41.5 62.3

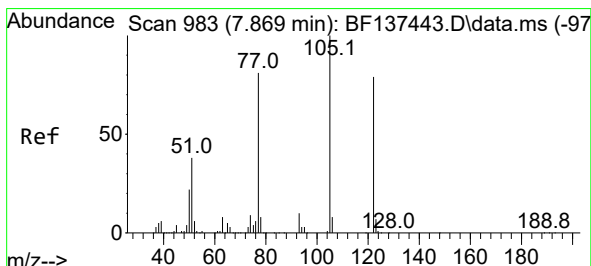
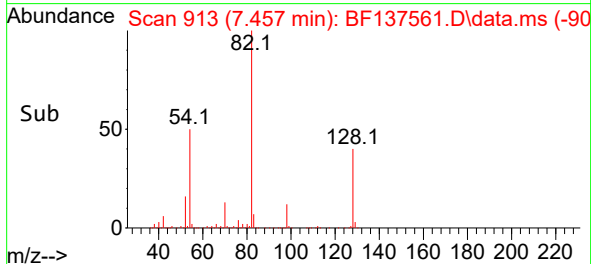
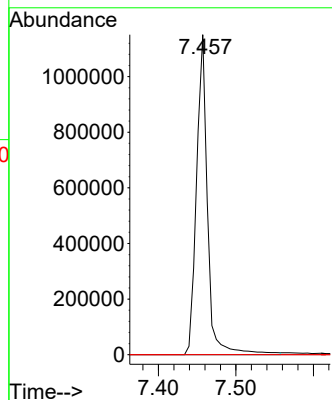
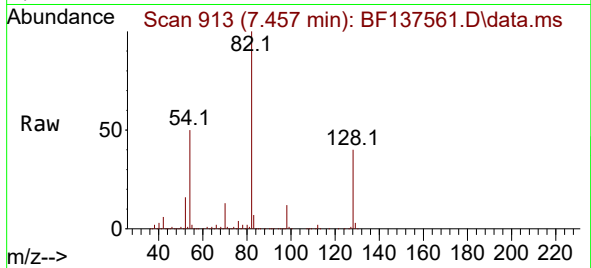




#25  
Isophorone  
Concen: 30.887 ng  
RT: 7.457 min Scan# 91  
Delta R.T. -0.265 min  
Lab File: BF137561.D  
Acq: 11 Mar 2024 17:47

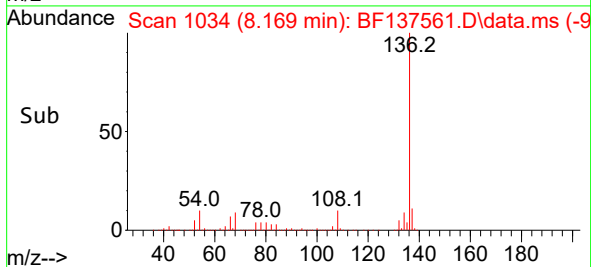
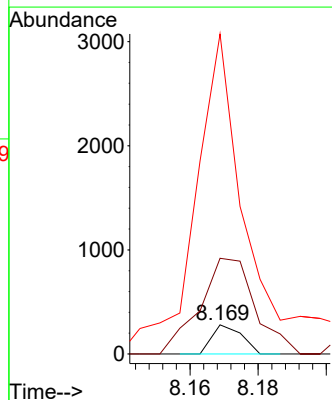
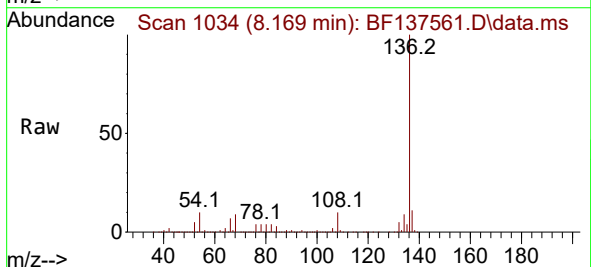
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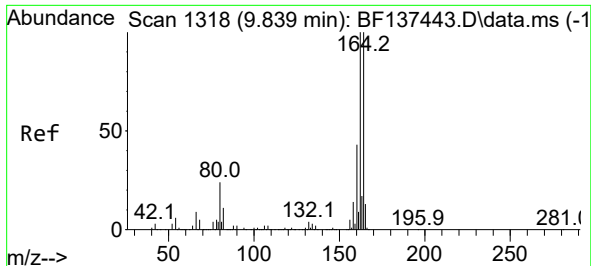
Tgt Ion: 82 Resp: 1133872  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.1 7.7#  
138 0.0 11.8 17.8#



#32  
Benzoic acid  
Concen: 6.316 ng  
RT: 8.169 min Scan# 1034  
Delta R.T. 0.188 min  
Lab File: BF137561.D  
Acq: 11 Mar 2024 17:47

Tgt Ion:122 Resp: 170  
Ion Ratio Lower Upper  
122 100  
105 328.2 102.4 142.4#  
77 1097.9 81.1 121.1#

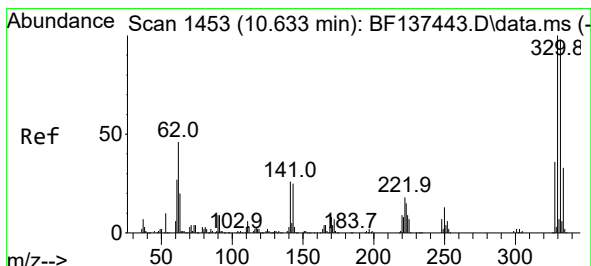
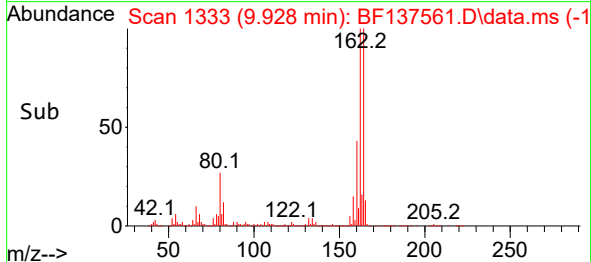
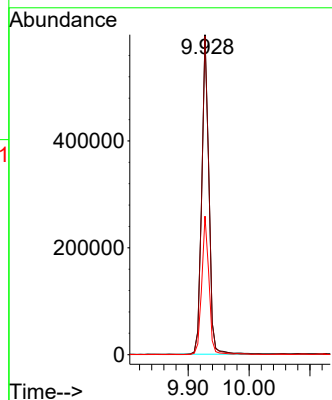
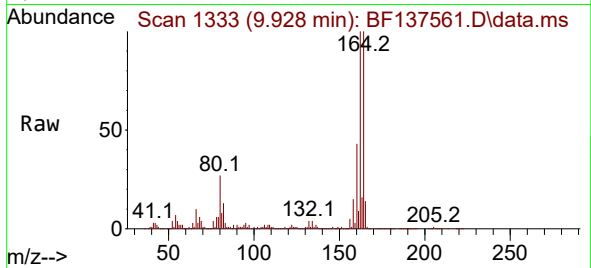




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.928 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF137561.D  
Acq: 11 Mar 2024 17:47

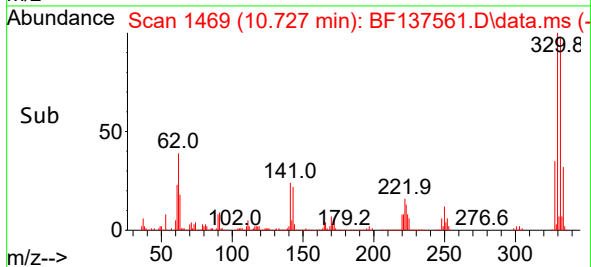
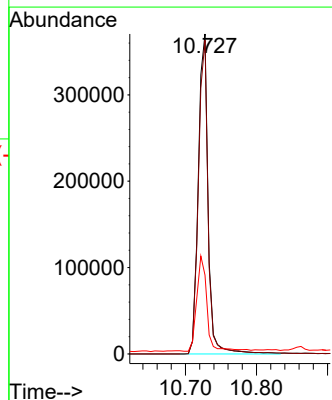
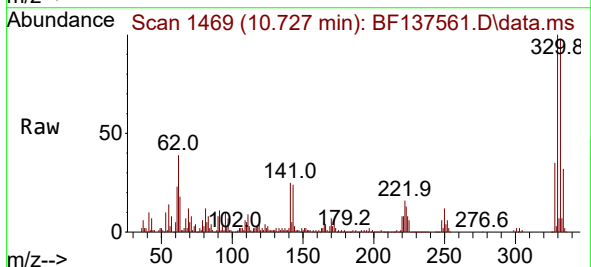
Instrument :  
BNA\_F  
ClientSampleId :  
RT3471

Tgt Ion:164 Resp: 489117  
Ion Ratio Lower Upper  
164 100  
162 99.6 79.8 119.8  
160 43.3 34.4 51.6

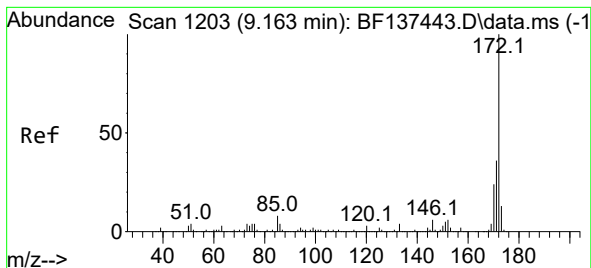


#42  
2,4,6-Tribromophenol  
Concen: 83.399 ng  
RT: 10.727 min Scan# 1469  
Delta R.T. -0.006 min  
Lab File: BF137561.D  
Acq: 11 Mar 2024 17:47

Tgt Ion:330 Resp: 358222  
Ion Ratio Lower Upper  
330 100  
332 97.1 78.0 117.0  
141 30.9 27.3 40.9







#45

2-Fluorobiphenyl

Concen: 59.081 ng

RT: 9.251 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137561.D

Acq: 11 Mar 2024 17:47

Instrument :

BNA\_F

ClientSampleId :

RT3471

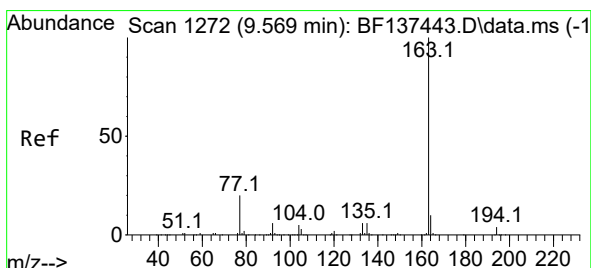
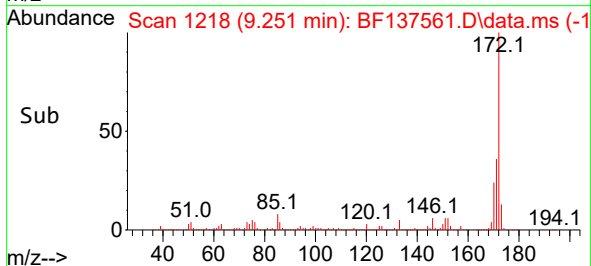
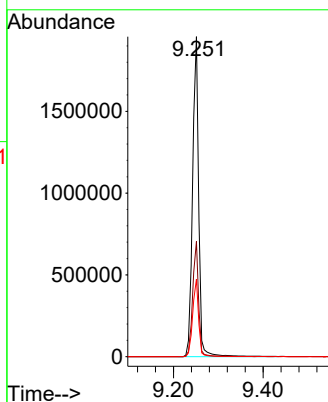
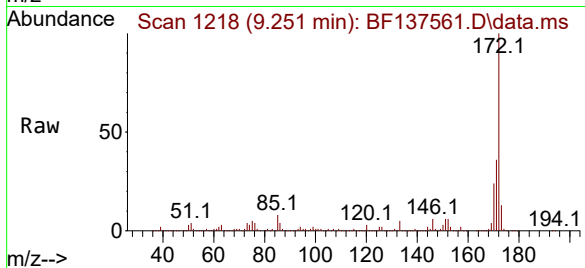
Tgt Ion:172 Resp: 1846050

Ion Ratio Lower Upper

172 100

171 36.0 28.5 42.7

170 24.3 19.0 28.6



#50

Dimethylphthalate

Concen: 2.358 ng

RT: 9.928 min Scan# 1333

Delta R.T. 0.259 min

Lab File: BF137561.D

Acq: 11 Mar 2024 17:47

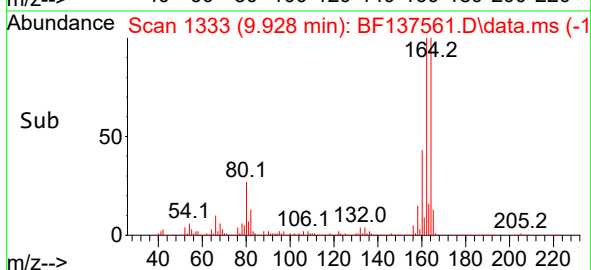
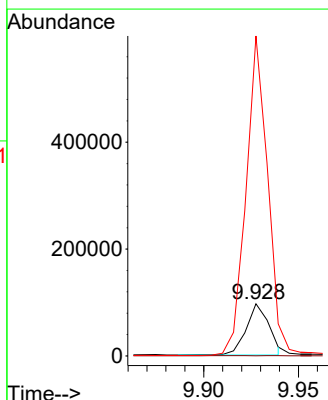
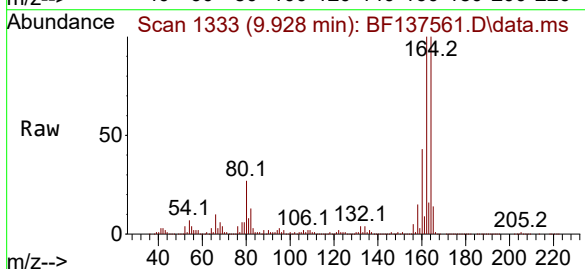
Tgt Ion:163 Resp: 80286

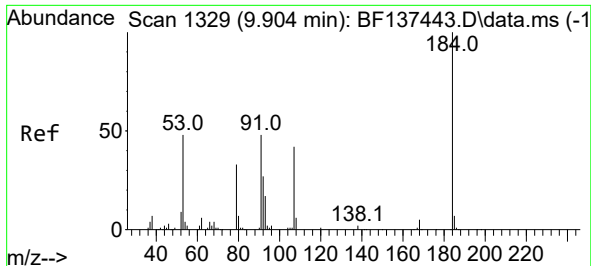
Ion Ratio Lower Upper

163 100

194 0.4 3.3 4.9#

164 613.1 8.1 12.1#

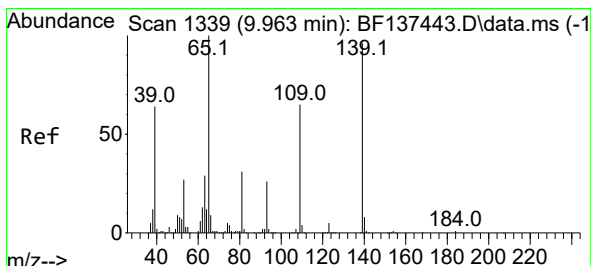
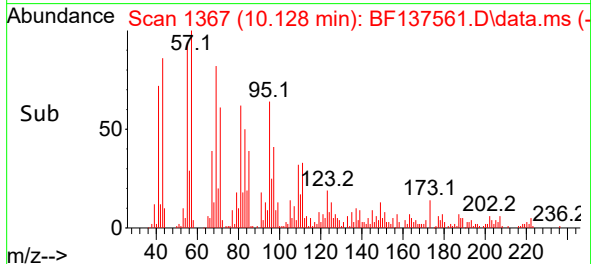
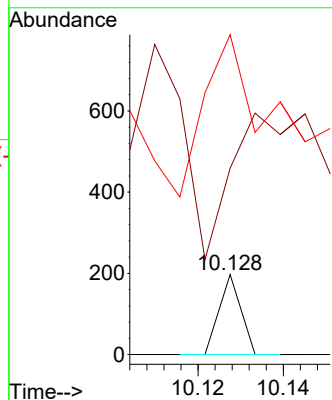
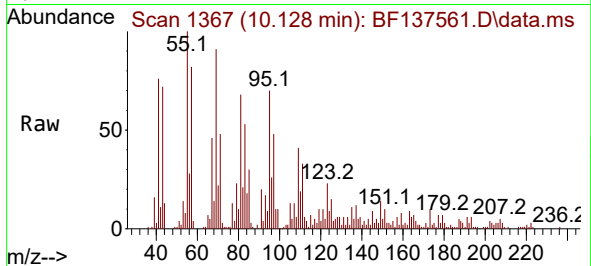




#54  
2,4-Dinitrophenol  
Concen: 8.243 ng  
RT: 10.128 min Scan# 1367  
Delta R.T. 0.123 min  
Lab File: BF137561.D  
Acq: 11 Mar 2024 17:47

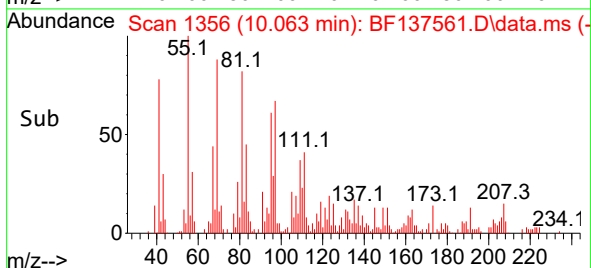
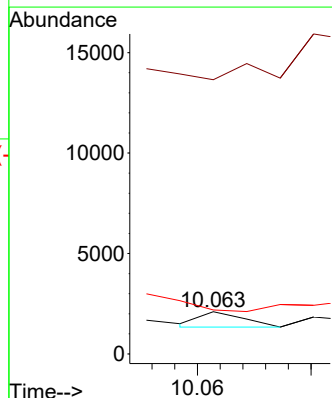
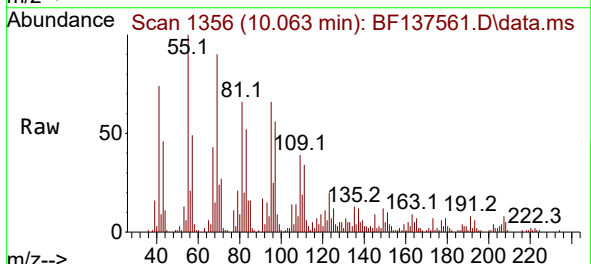
Instrument :  
BNA\_F  
ClientSampleId :  
RT3471

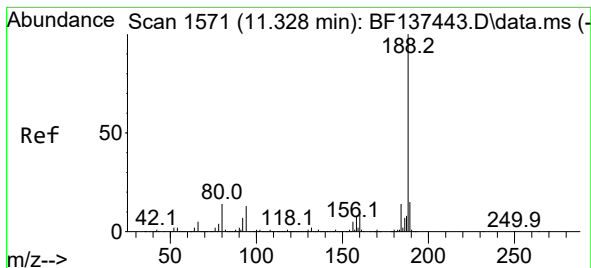
Tgt Ion:184 Resp: 69  
Ion Ratio Lower Upper  
184 100  
63 233.0 53.3 79.9#  
154 400.0 47.4 71.0#



#56  
4-Nitrophenol  
Concen: 4.599 ng  
RT: 10.063 min Scan# 1356  
Delta R.T. -0.000 min  
Lab File: BF137561.D  
Acq: 11 Mar 2024 17:47

Tgt Ion:139 Resp: 409  
Ion Ratio Lower Upper  
139 100  
109 649.5 47.1 87.1#  
65 104.1 85.1 125.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137561.D

Acq: 11 Mar 2024 17:47

Instrument :

BNA\_F

ClientSampleId :

RT3471

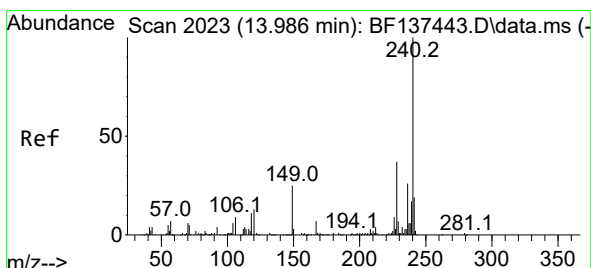
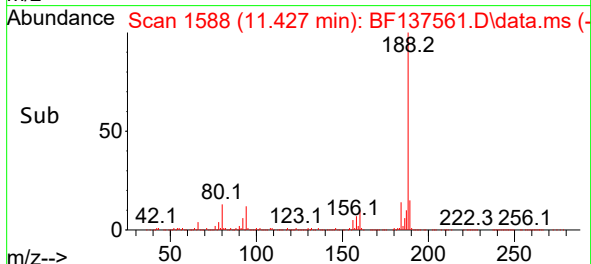
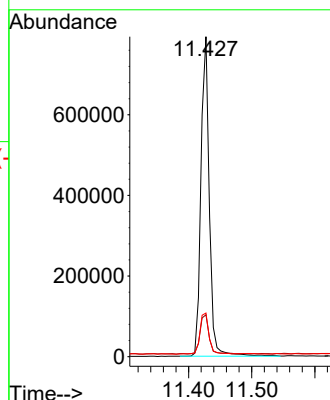
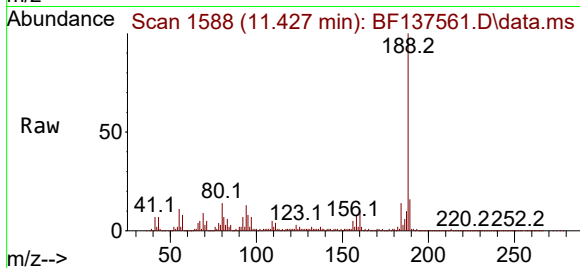
Tgt Ion:188 Resp: 725921

Ion Ratio Lower Upper

188 100

94 13.1 10.6 15.8

80 13.6 11.5 17.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.092 min Scan# 2041

Delta R.T. -0.006 min

Lab File: BF137561.D

Acq: 11 Mar 2024 17:47

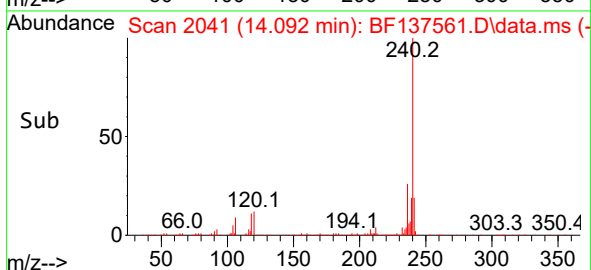
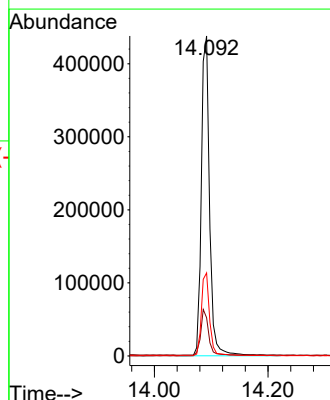
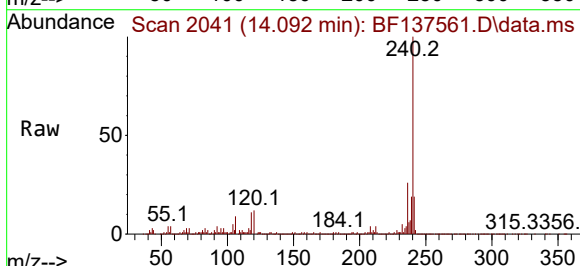
Tgt Ion:240 Resp: 442696

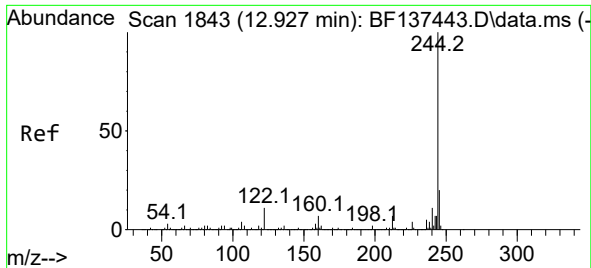
Ion Ratio Lower Upper

240 100

120 11.9 10.4 15.6

236 25.9 20.9 31.3

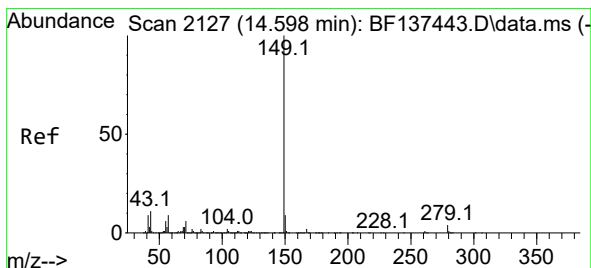
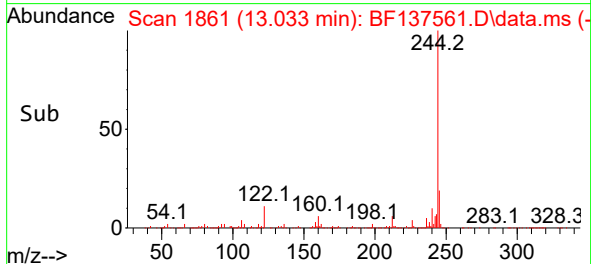
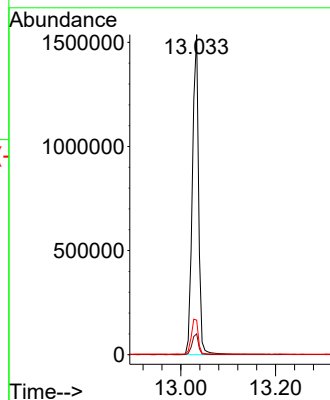
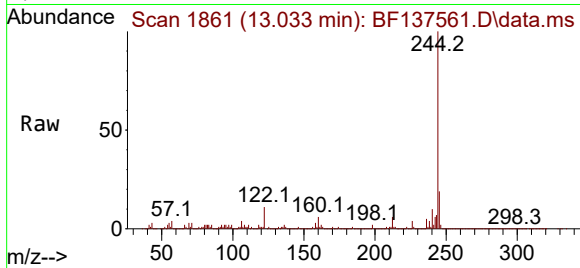




#79  
 Terphenyl-d14  
 Concen: 43.540 ng  
 RT: 13.033 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF137561.D  
 Acq: 11 Mar 2024 17:47

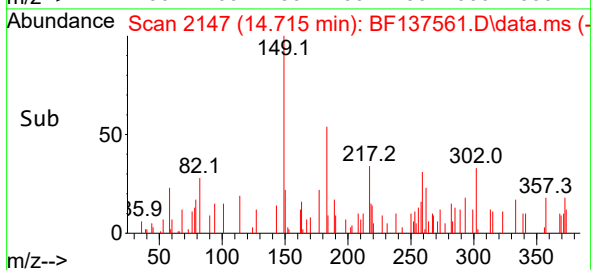
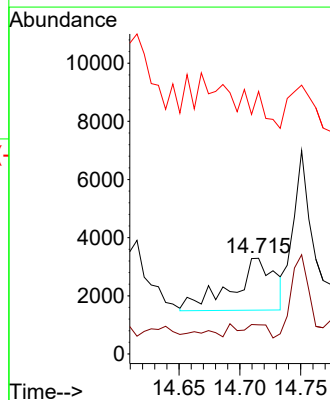
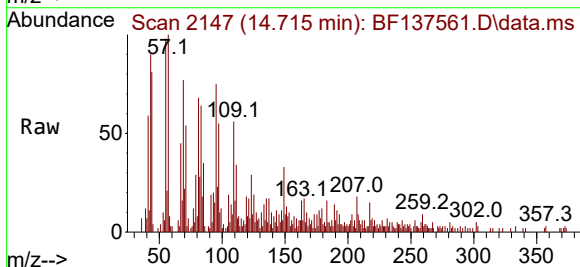
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RT3471

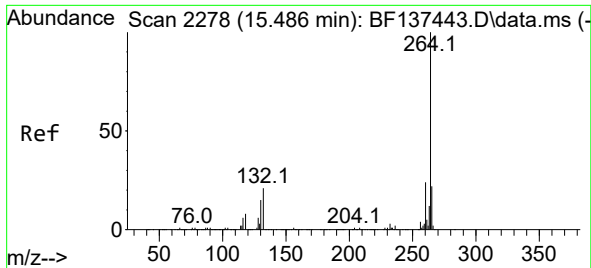
Tgt Ion:244 Resp: 1401714  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 5.4 8.2  
 122 10.8 9.1 13.7



#85  
 Di-n-octyl phthalate  
 Concen: 5.748 ng  
 RT: 14.715 min Scan# 2147  
 Delta R.T. -0.000 min  
 Lab File: BF137561.D  
 Acq: 11 Mar 2024 17:47

Tgt Ion:149 Resp: 4340  
 Ion Ratio Lower Upper  
 149 100  
 167 0.0 1.2 1.8#  
 43 0.0 9.6 14.4#





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.645 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BF137561.D  
 Acq: 11 Mar 2024 17:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RT3471

Tgt Ion:264 Resp: 467640  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 19.3 28.9  
 265 20.4 17.4 26.0

