

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112024\  
 Data File : BF140522.D  
 Acq On : 21 Nov 2024 01:17  
 Operator : RC/JU  
 Sample : P4860-03  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Nov 21 02:29:03 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF111324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 13 14:40:06 2024  
 Response via : Initial Calibration

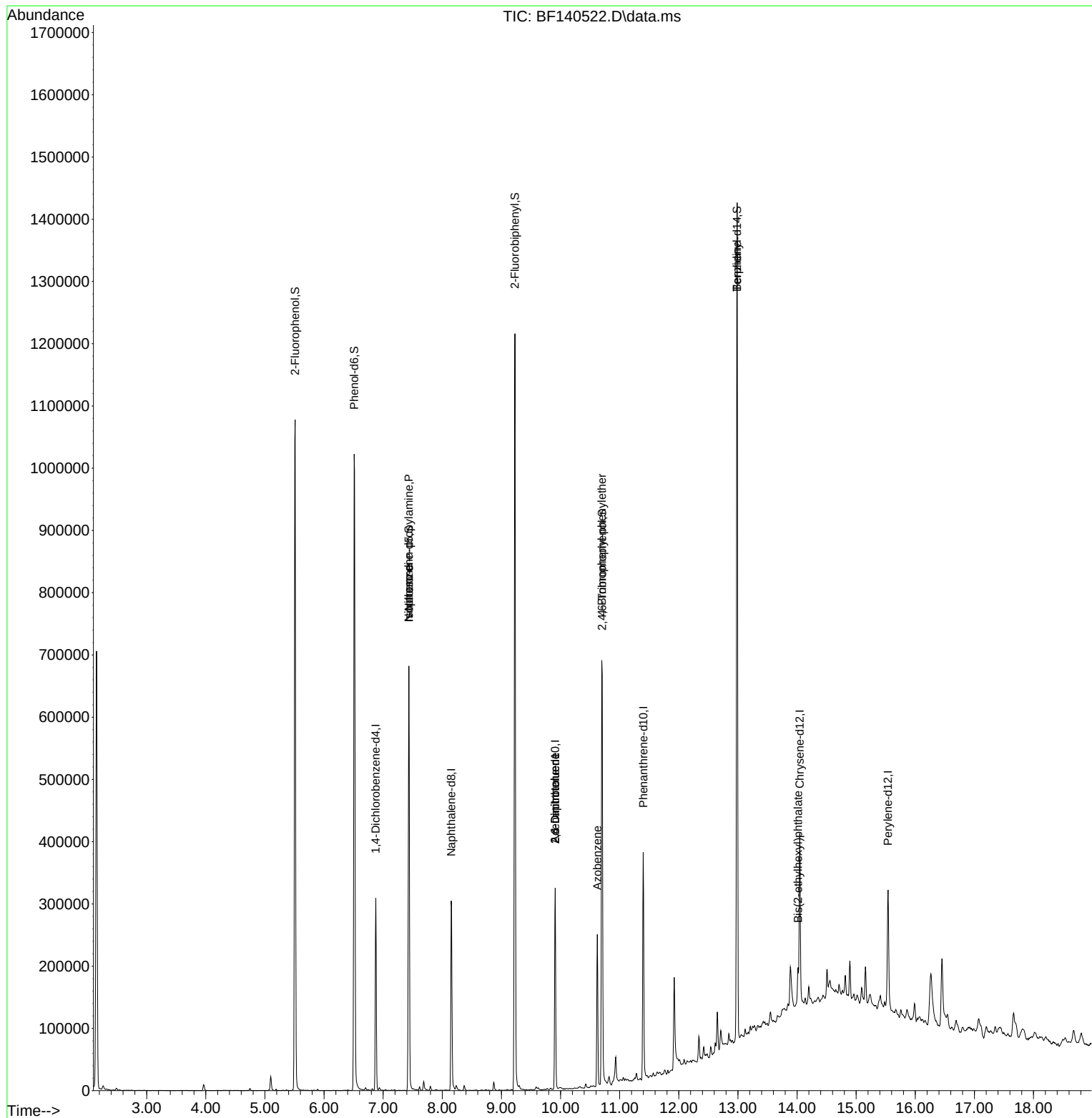
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.875  | 152  | 63329    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.151  | 136  | 204737   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.910  | 164  | 97802    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.398 | 188  | 194572   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.045 | 240  | 127683   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.539 | 264  | 95290    | 20.000  | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.510  | 112  | 405499   | 109.325 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.510  | 99   | 485304   | 96.573  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.434  | 82   | 306607   | 78.027  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.704 | 330  | 119729   | 123.107 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.228  | 172  | 546342   | 89.801  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.986 | 244  | 644509   | 87.618  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.434  | 70   | 41160    | 13.562  | ng    | # 78     |
| 25) Isophorone                | 7.434  | 82   | 304096   | 43.665  | ng    | # 66     |
| 51) 2,6-Dinitrotoluene        | 9.910  | 165  | 12737    | 8.764   | ng    | # 21     |
| 57) 2,4-Dinitrotoluene        | 9.910  | 165  | 12737    | 6.659   | ng    | # 19     |
| 63) Azobenzene                | 10.622 | 77   | 64608    | 10.031  | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether | 10.698 | 248  | 7865     | 4.044   | ng    | # 1      |
| 77) Benzidine                 | 12.986 | 184  | 9821     | 2.004   | ng    | 95       |
| 84) Bis(2-ethylhexyl)phtha... | 14.016 | 149  | 22170    | 3.959   | ng    | 98       |
| -----                         |        |      |          |         |       |          |

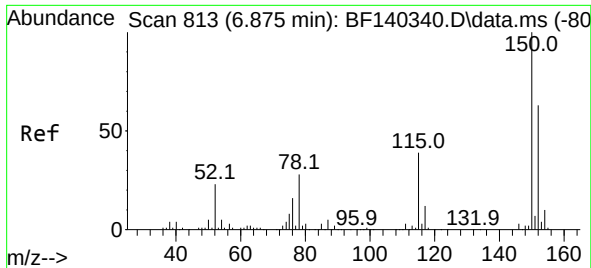
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112024\  
Data File : BF140522.D  
Acq On : 21 Nov 2024 01:17  
Operator : RC/JU  
Sample : P4860-03  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :

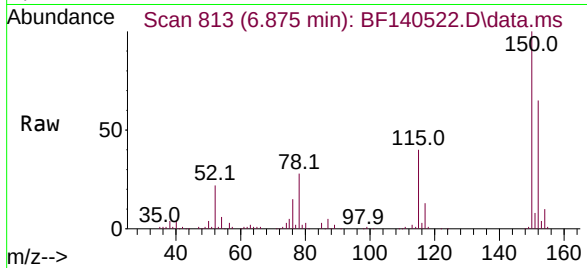
Quant Time: Nov 21 02:29:03 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF111324.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Nov 13 14:40:06 2024  
Response via : Initial Calibration



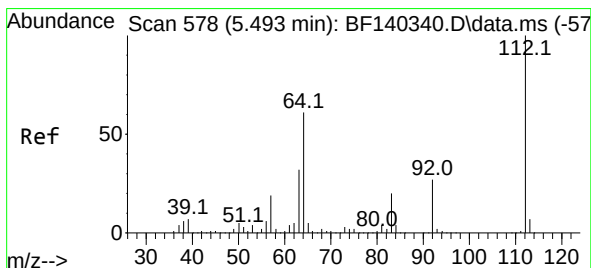
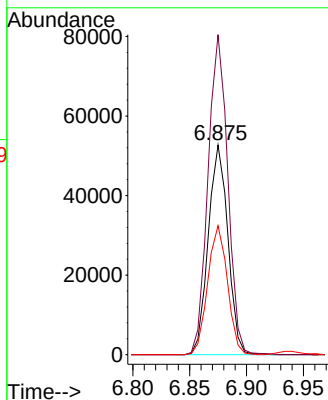
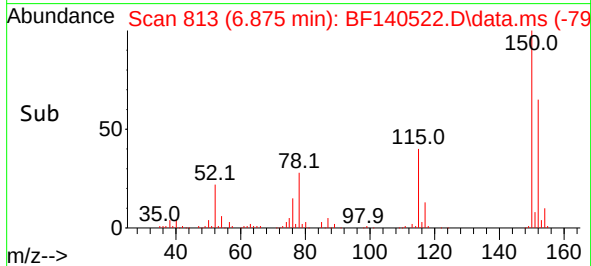


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF140522.D  
Acq: 21 Nov 2024 01:17

Instrument :  
BNA\_F  
ClientSampleId :

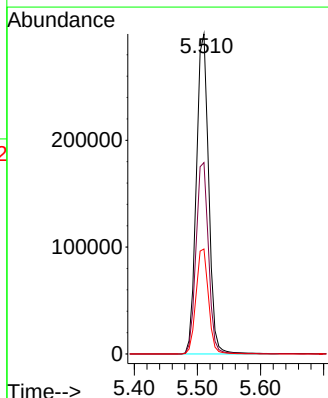
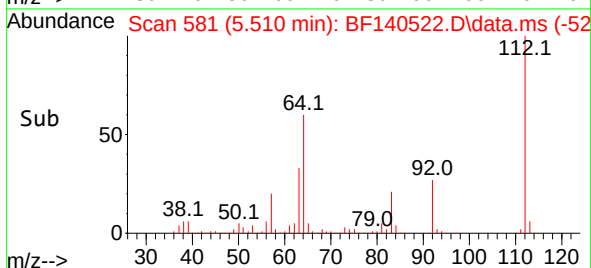
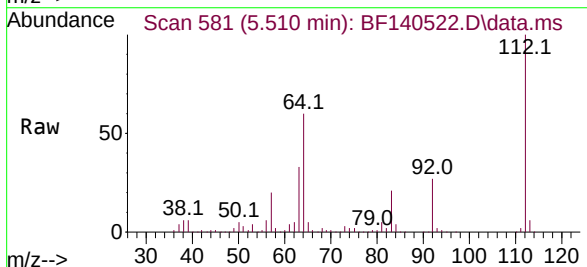


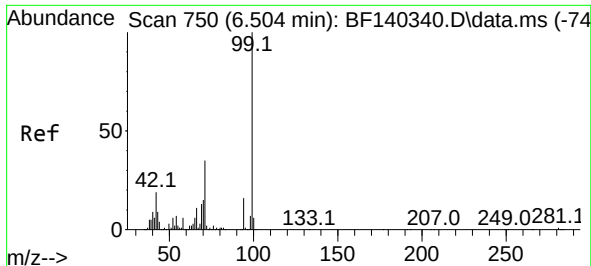
Tgt Ion:152 Resp: 63329  
Ion Ratio Lower Upper  
152 100  
150 152.7 127.4 191.0  
115 61.5 47.4 71.2



#5  
2-Fluorophenol  
Concen: 109.325 ng  
RT: 5.510 min Scan# 581  
Delta R.T. 0.018 min  
Lab File: BF140522.D  
Acq: 21 Nov 2024 01:17

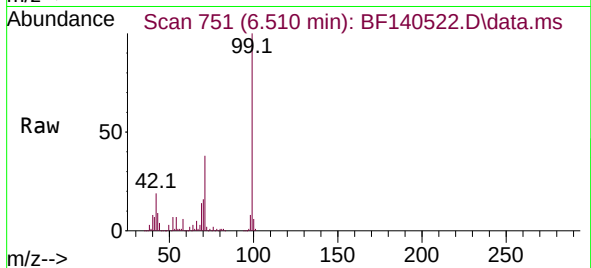
Tgt Ion:112 Resp: 405499  
Ion Ratio Lower Upper  
112 100  
64 59.8 49.2 73.8  
63 32.8 25.6 38.4



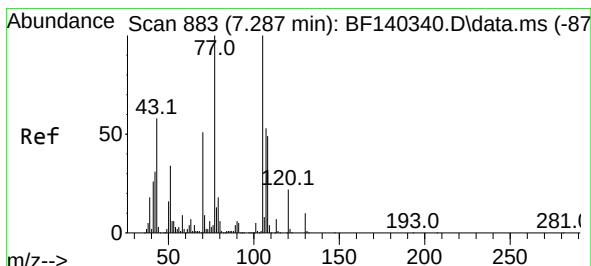
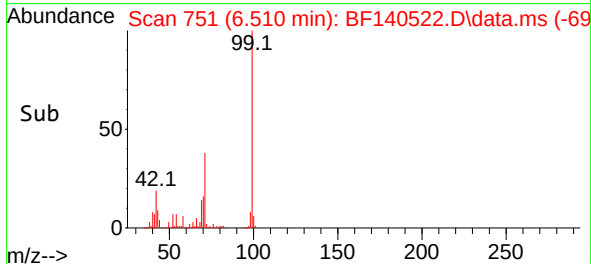
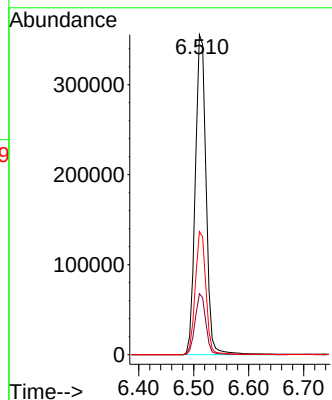


#7  
Phenol-d6  
Concen: 96.573 ng  
RT: 6.510 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF140522.D  
Acq: 21 Nov 2024 01:17

Instrument :  
BNA\_F  
ClientSampleId :

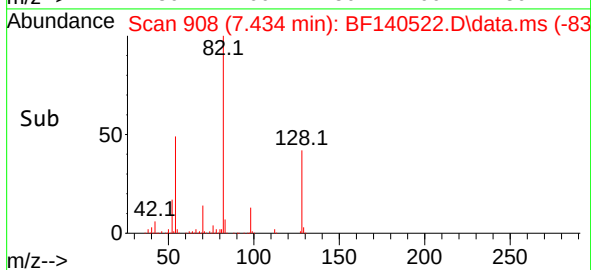
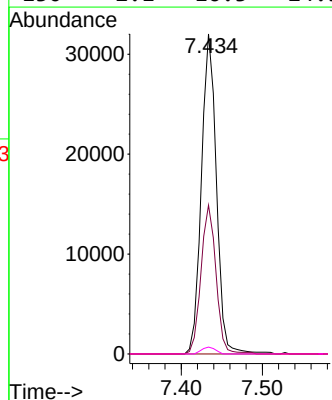
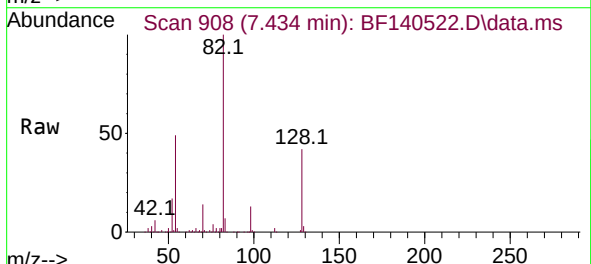


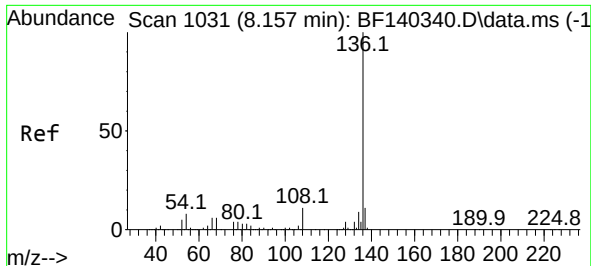
Tgt Ion: 99 Resp: 485304  
Ion Ratio Lower Upper  
99 100  
42 19.1 15.1 22.7  
71 38.5 27.9 41.9



#19  
n-Nitroso-di-n-propylamine  
Concen: 13.562 ng  
RT: 7.434 min Scan# 908  
Delta R.T. 0.141 min  
Lab File: BF140522.D  
Acq: 21 Nov 2024 01:17

Tgt Ion: 70 Resp: 41160  
Ion Ratio Lower Upper  
70 100  
42 46.5 46.8 70.2#  
101 0.0 7.5 11.3#  
130 2.1 16.3 24.5#

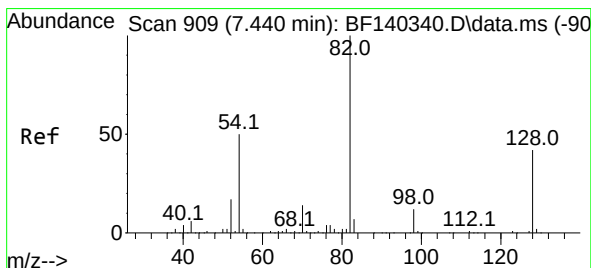
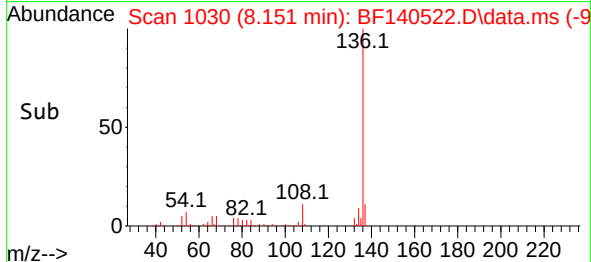
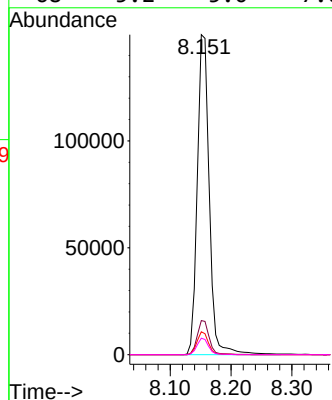
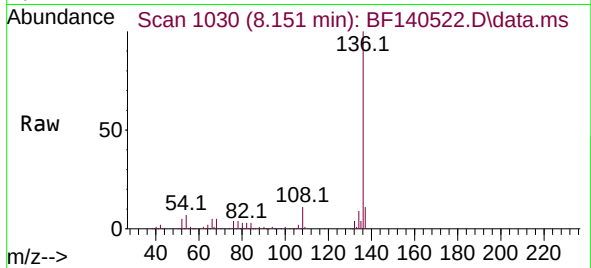




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: BF140522.D  
Acq: 21 Nov 2024 01:17

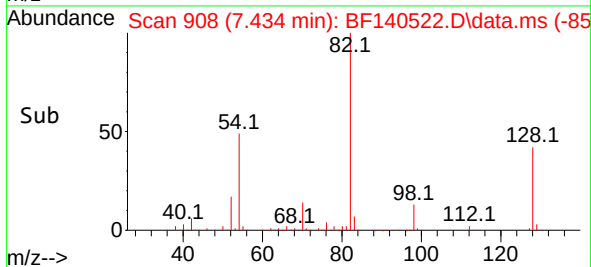
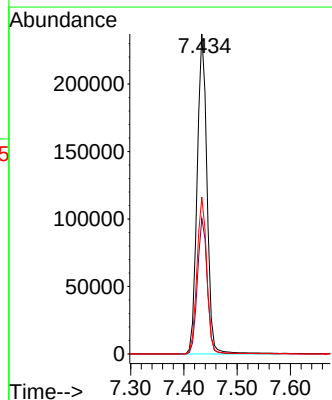
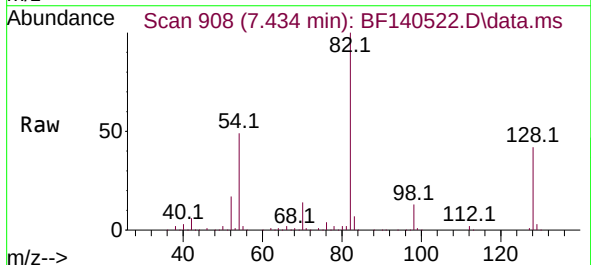
Instrument :  
BNA\_F  
ClientSampleId :

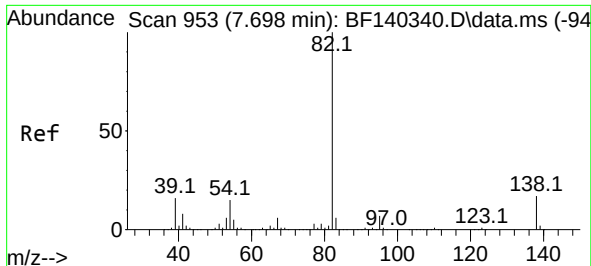
Tgt Ion:136 Resp: 204737  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.7 13.1  
54 7.2 6.5 9.7  
68 5.2 5.0 7.6



#23  
Nitrobenzene-d5  
Concen: 78.027 ng  
RT: 7.434 min Scan# 908  
Delta R.T. -0.006 min  
Lab File: BF140522.D  
Acq: 21 Nov 2024 01:17

Tgt Ion: 82 Resp: 306607  
Ion Ratio Lower Upper  
82 100  
128 42.4 33.3 49.9  
54 49.0 39.8 59.8

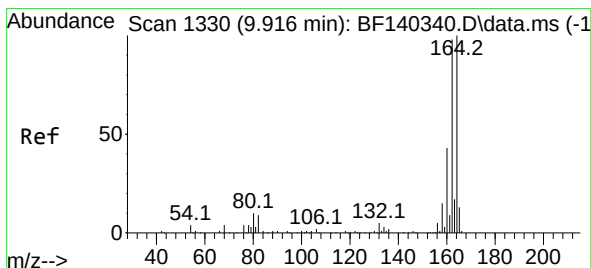
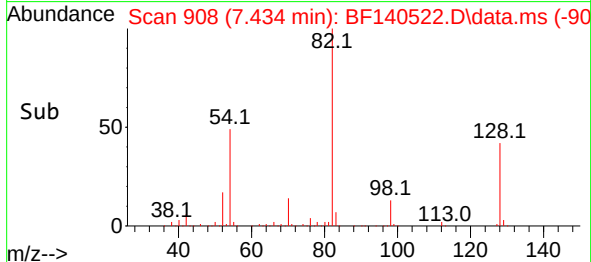
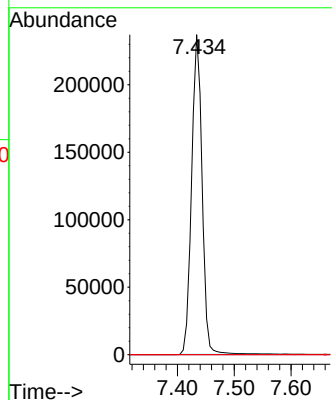
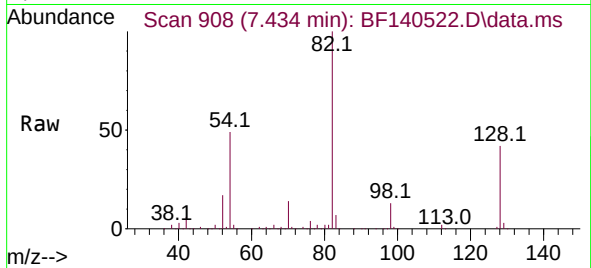




#25  
Isophorone  
Concen: 43.665 ng  
RT: 7.434 min Scan# 90  
Delta R.T. -0.265 min  
Lab File: BF140522.D  
Acq: 21 Nov 2024 01:17

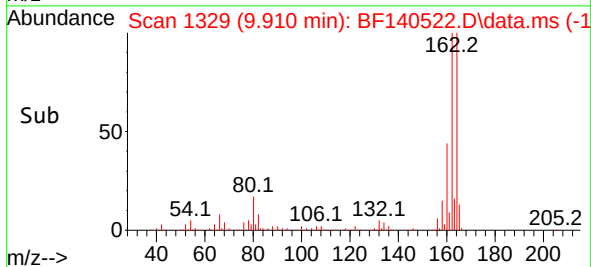
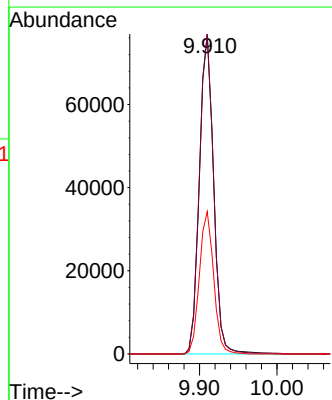
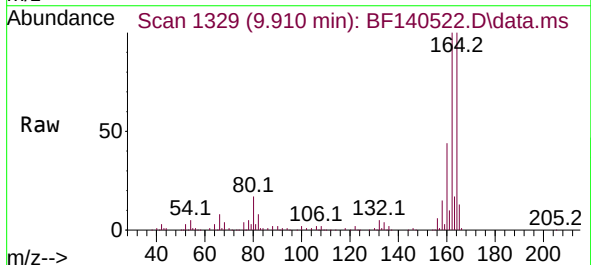
Instrument :  
BNA\_F  
ClientSampleId :

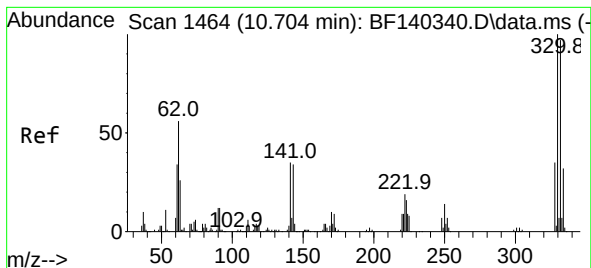
Tgt Ion: 82 Resp: 304096  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.9 8.9#  
138 0.0 13.4 20.2#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.910 min Scan# 1329  
Delta R.T. -0.006 min  
Lab File: BF140522.D  
Acq: 21 Nov 2024 01:17

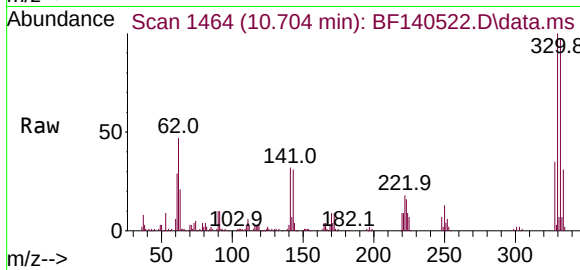
Tgt Ion: 164 Resp: 97802  
Ion Ratio Lower Upper  
164 100  
162 100.4 79.8 119.8  
160 44.7 35.4 53.0



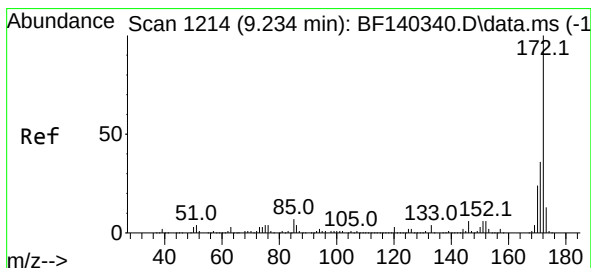
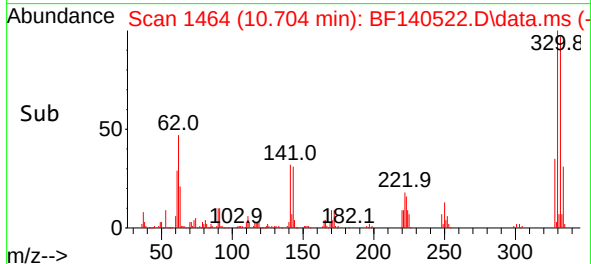
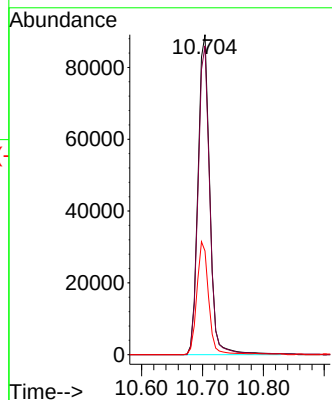


#42  
2,4,6-Tribromophenol  
Concen: 123.107 ng  
RT: 10.704 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: BF140522.D  
Acq: 21 Nov 2024 01:17

Instrument :  
BNA\_F  
ClientSampleId :

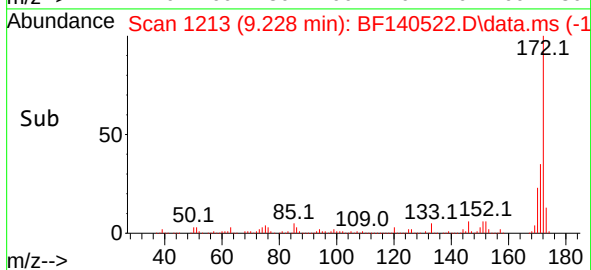
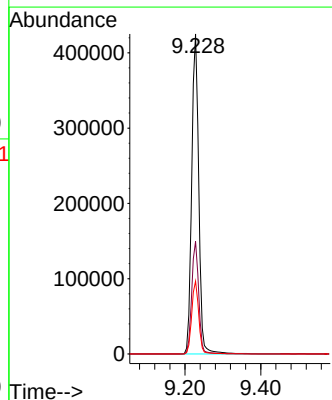
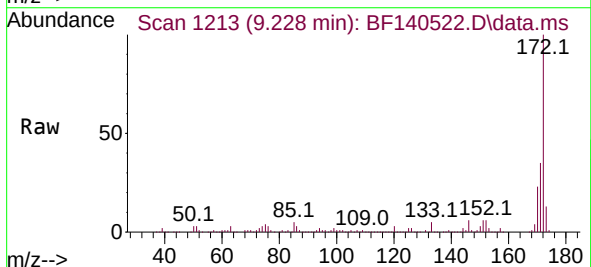


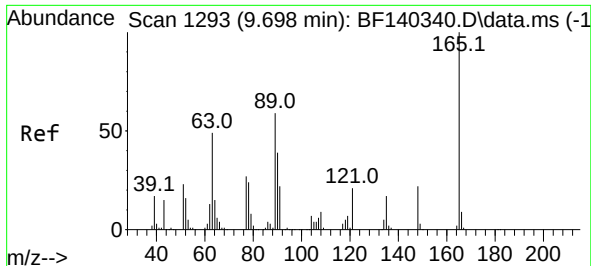
Tgt Ion:330 Resp: 119729  
Ion Ratio Lower Upper  
330 100  
332 96.5 75.9 113.9  
141 35.7 26.9 40.3



#45  
2-Fluorobiphenyl  
Concen: 89.801 ng  
RT: 9.228 min Scan# 1213  
Delta R.T. -0.006 min  
Lab File: BF140522.D  
Acq: 21 Nov 2024 01:17

Tgt Ion:172 Resp: 546342  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.5 42.7  
170 22.7 19.1 28.7

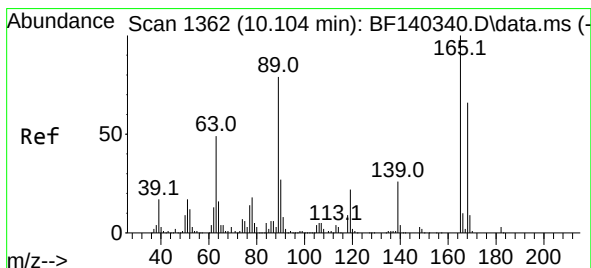
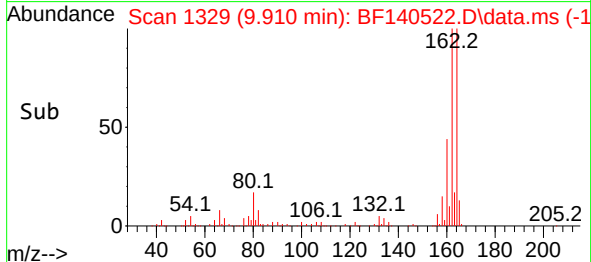
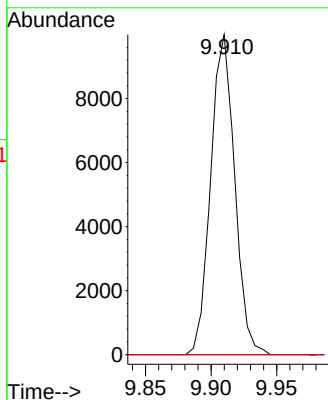
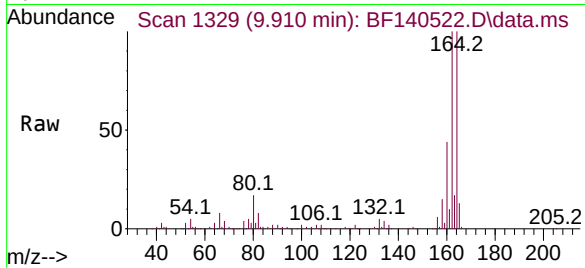




#51  
2,6-Dinitrotoluene  
Concen: 8.764 ng  
RT: 9.910 min Scan# 1329  
Delta R.T. 0.212 min  
Lab File: BF140522.D  
Acq: 21 Nov 2024 01:17

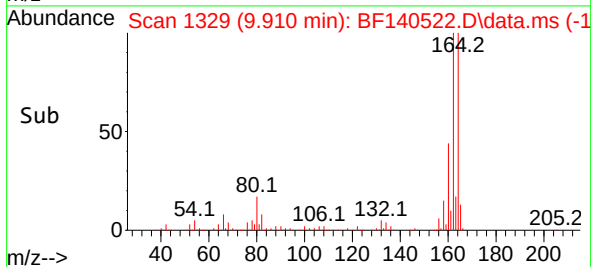
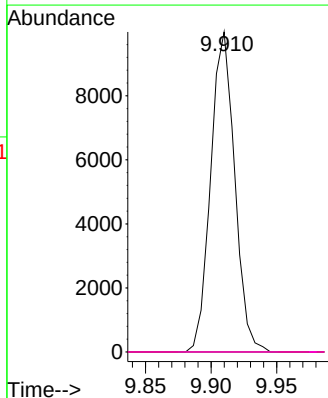
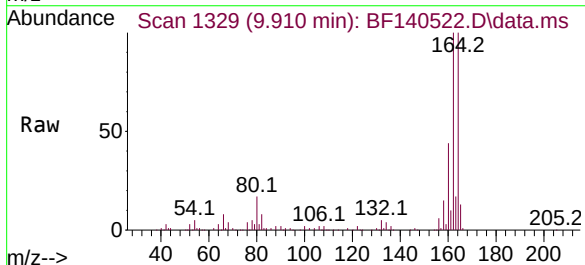
Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion:165 Resp: 12737  
Ion Ratio Lower Upper  
165 100  
63 0.0 47.6 71.4#  
89 0.0 48.1 72.1#

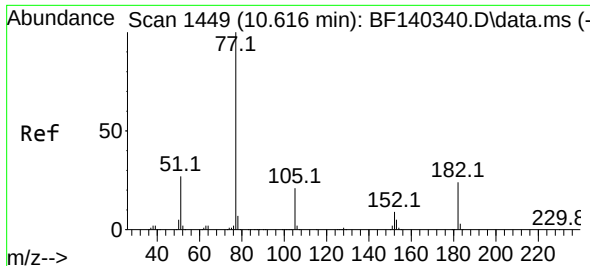


#57  
2,4-Dinitrotoluene  
Concen: 6.659 ng  
RT: 9.910 min Scan# 1329  
Delta R.T. -0.194 min  
Lab File: BF140522.D  
Acq: 21 Nov 2024 01:17

Tgt Ion:165 Resp: 12737  
Ion Ratio Lower Upper  
165 100  
63 0.0 39.4 59.0#  
89 0.0 62.4 93.6#  
182 0.0 2.1 3.1#



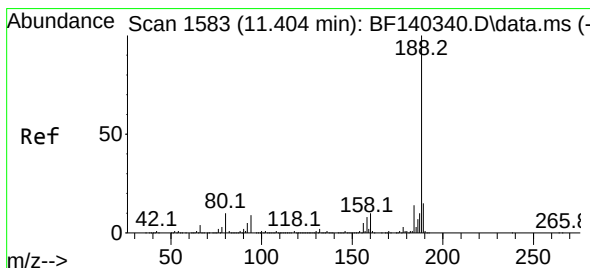
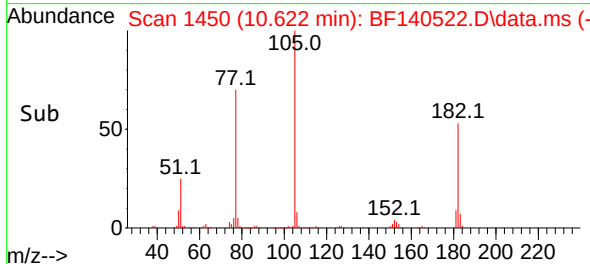
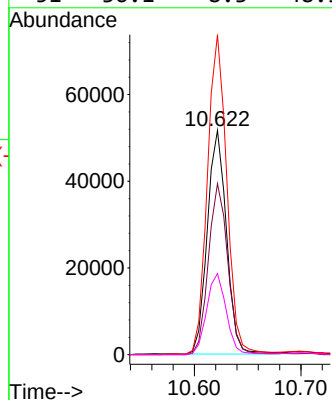
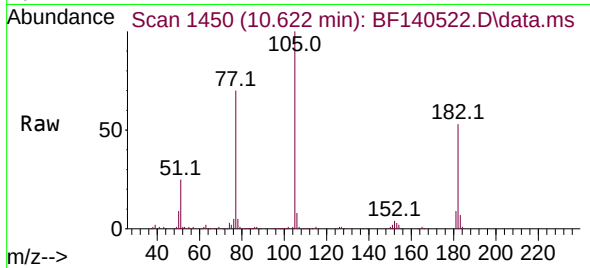




#63  
 Azobenzene  
 Concen: 10.031 ng  
 RT: 10.622 min Scan# 1449  
 Delta R.T. 0.006 min  
 Lab File: BF140522.D  
 Acq: 21 Nov 2024 01:17

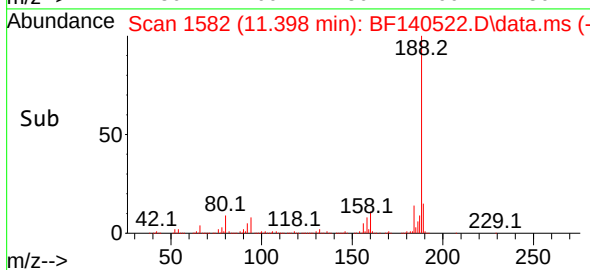
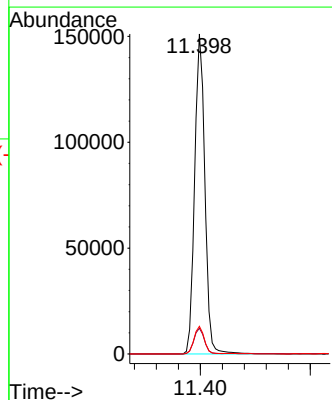
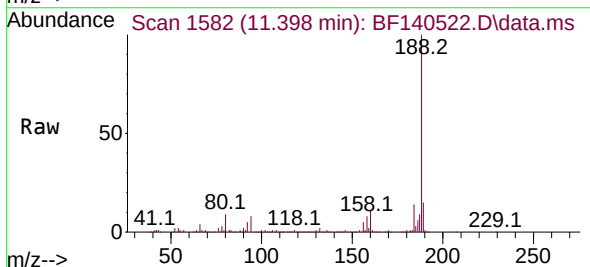
Instrument :  
 BNA\_F  
 ClientSampleId :

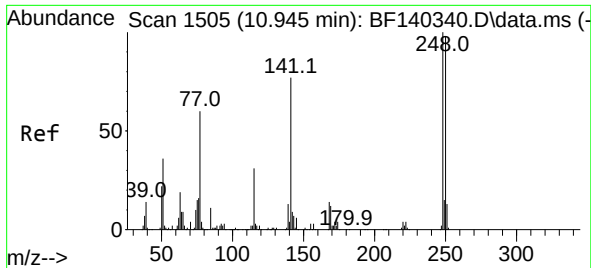
|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 64608 |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 182 76.3    | 4.6 44.6#   |
| 105 142.7   | 0.9 40.9#   |
| 51 36.1     | 8.3 48.3    |



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.398 min Scan# 1582  
 Delta R.T. -0.006 min  
 Lab File: BF140522.D  
 Acq: 21 Nov 2024 01:17

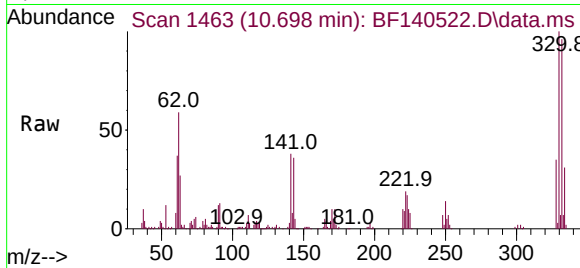
|              |              |
|--------------|--------------|
| Tgt Ion: 188 | Resp: 194572 |
| Ion Ratio    | Lower Upper  |
| 188 100      |              |
| 94 8.1       | 7.6 11.4     |
| 80 8.7       | 8.0 12.0     |



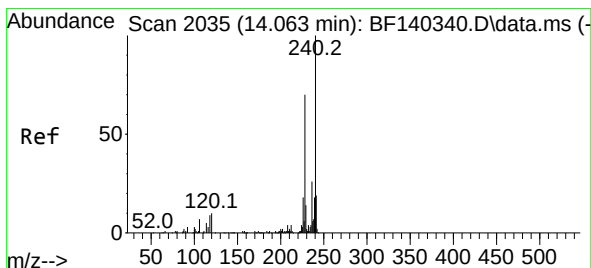
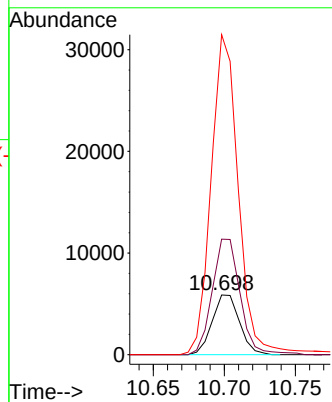
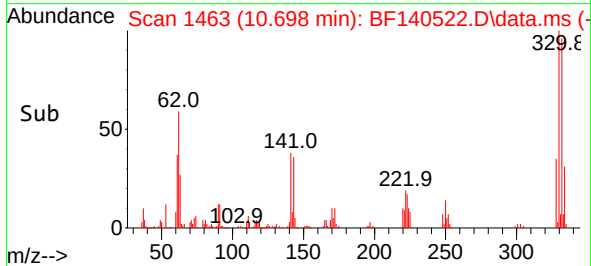


#67  
4-Bromophenyl-phenylether  
Concen: 4.044 ng  
RT: 10.698 min Scan# 14  
Delta R.T. -0.247 min  
Lab File: BF140522.D  
Acq: 21 Nov 2024 01:17

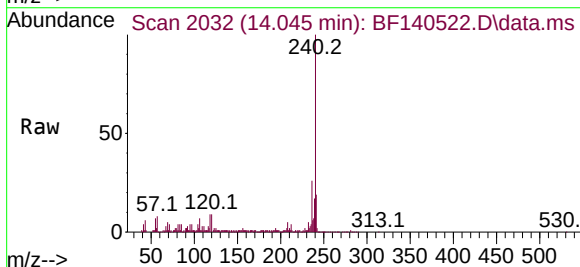
Instrument :  
BNA\_F  
ClientSampleId :



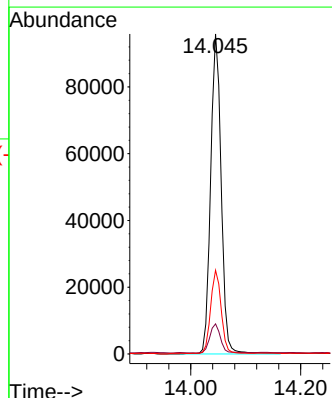
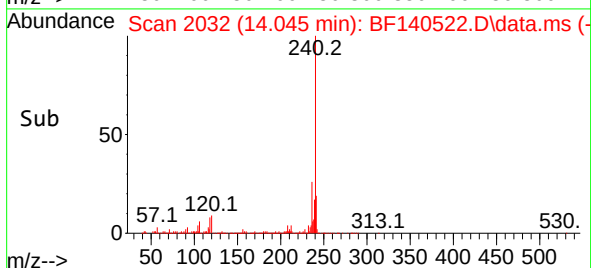
Tgt Ion:248 Resp: 7865  
Ion Ratio Lower Upper  
248 100  
250 193.2 77.9 116.9#  
141 535.5 61.8 92.6#

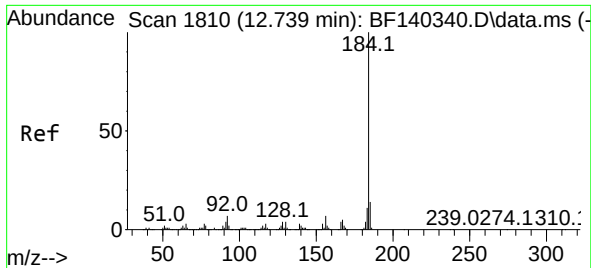


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.045 min Scan# 2032  
Delta R.T. -0.006 min  
Lab File: BF140522.D  
Acq: 21 Nov 2024 01:17



Tgt Ion:240 Resp: 127683  
Ion Ratio Lower Upper  
240 100  
120 9.4 8.8 13.2  
236 26.2 20.9 31.3

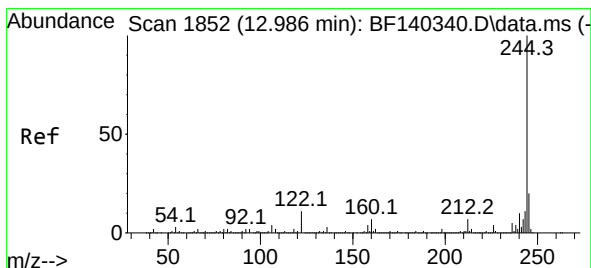
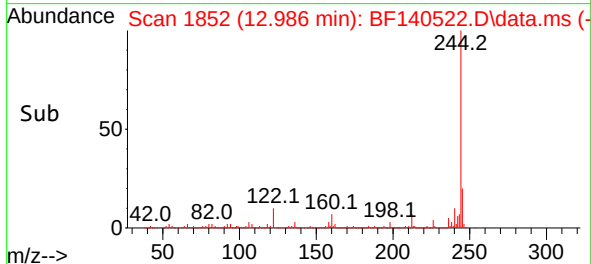
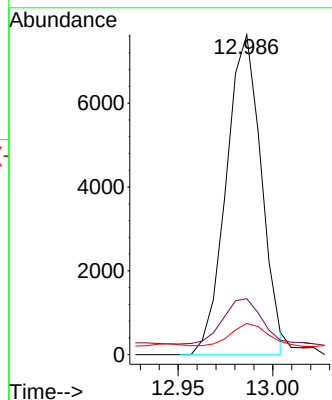
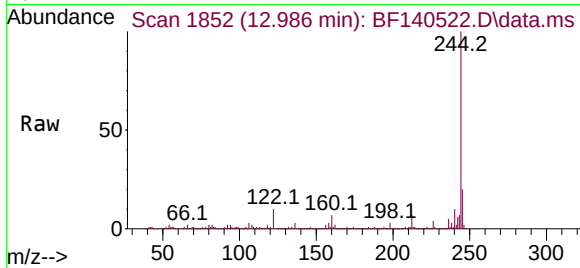




#77  
Benzidine  
Concen: 2.004 ng  
RT: 12.986 min Scan# 1852  
Delta R.T. 0.253 min  
Lab File: BF140522.D  
Acq: 21 Nov 2024 01:17

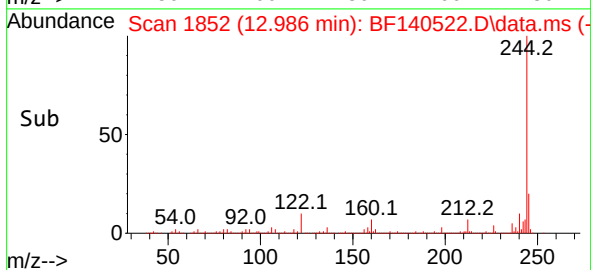
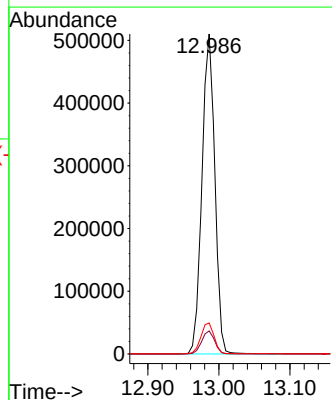
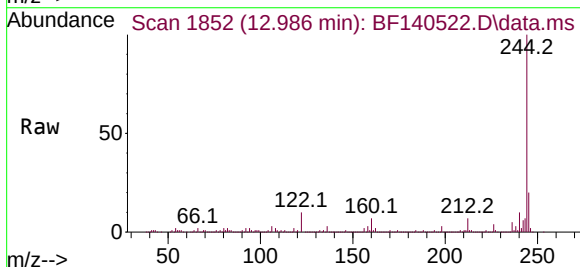
Instrument :  
BNA\_F  
ClientSampleId :

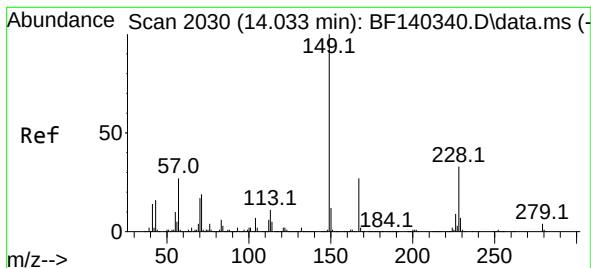
Tgt Ion:184 Resp: 9821  
Ion Ratio Lower Upper  
184 100  
185 17.5 11.9 17.9  
183 9.7 8.6 13.0



#79  
Terphenyl-d14  
Concen: 87.618 ng  
RT: 12.986 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: BF140522.D  
Acq: 21 Nov 2024 01:17

Tgt Ion:244 Resp: 644509  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.8 8.8  
122 9.7 8.8 13.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.959 ng

RT: 14.016 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF140522.D

Acq: 21 Nov 2024 01:17

Instrument :

BNA\_F

ClientSampleId :

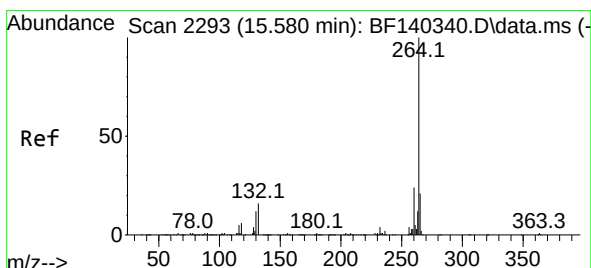
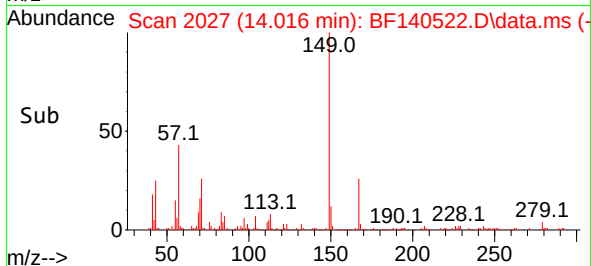
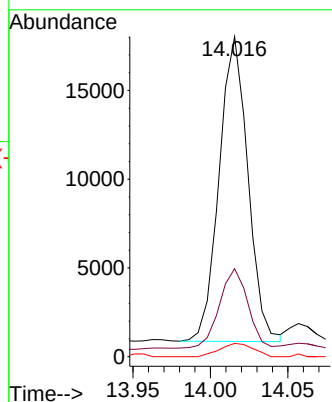
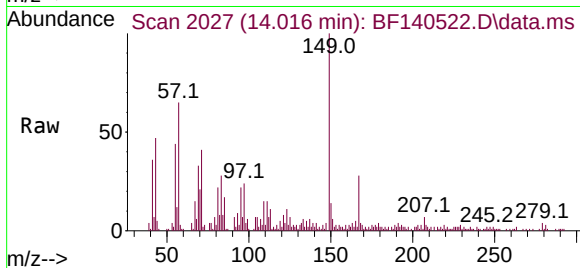
Tgt Ion:149 Resp: 22170

Ion Ratio Lower Upper

149 100

167 27.5 21.4 32.0

279 4.2 3.0 4.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. -0.018 min

Lab File: BF140522.D

Acq: 21 Nov 2024 01:17

Tgt Ion:264 Resp: 95290

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.6 17.1 25.7

