

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111424\  
 Data File : BF140352.D  
 Acq On : 14 Nov 2024 10:08  
 Operator : RC/JU  
 Sample : PB164908BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB164908BL

Quant Time: Nov 14 18:57:04 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

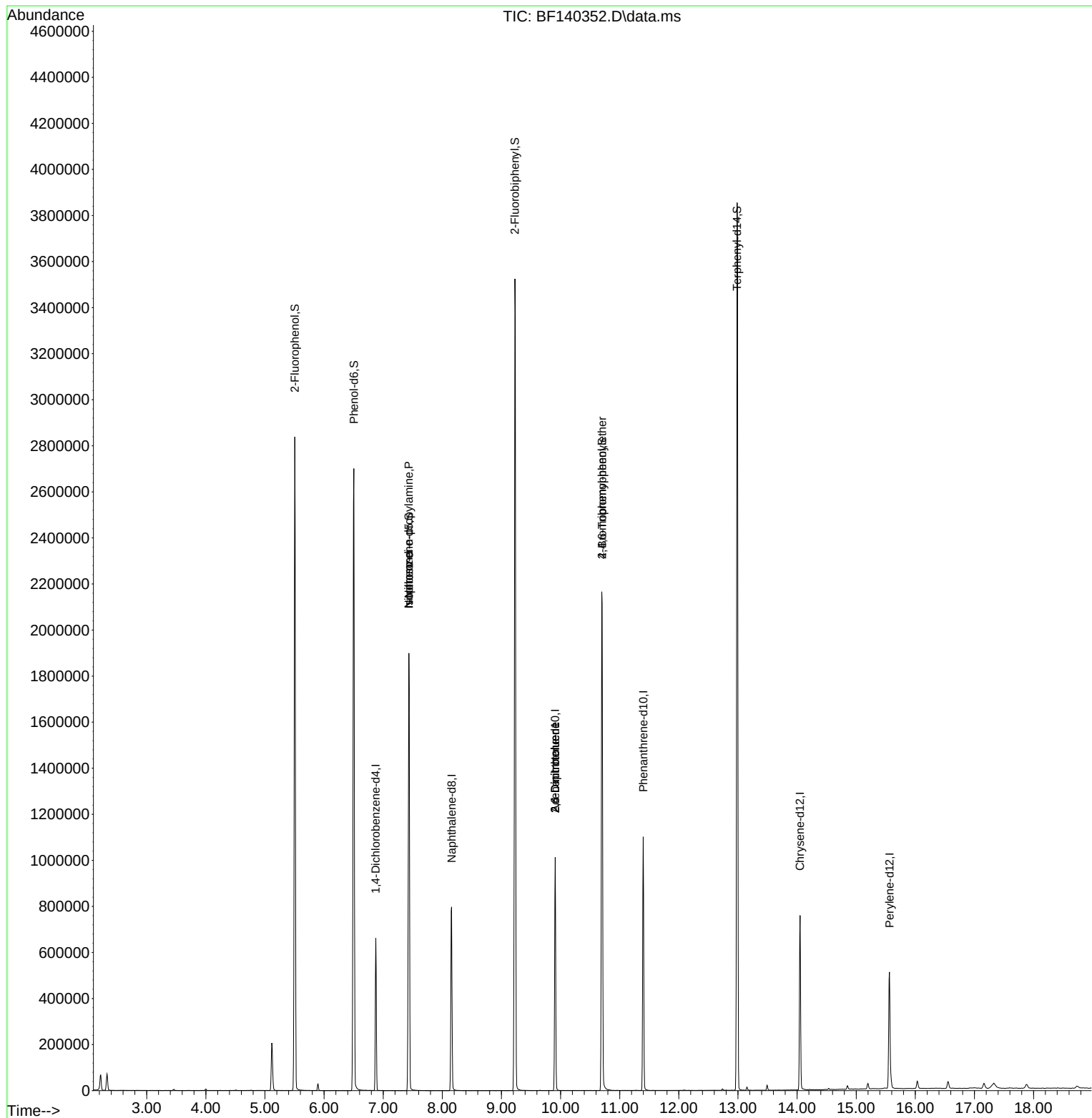
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.875  | 152  | 136682   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.157  | 136  | 536827   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.910  | 164  | 304122   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.398 | 188  | 589281   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.051 | 240  | 363777   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.562 | 264  | 308868   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 1082242  | 135.190 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.504  | 99   | 1421106  | 131.026 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.434  | 82   | 936271   | 90.872  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.704 | 330  | 390895   | 129.253 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.228  | 172  | 1703682  | 90.054  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.986 | 244  | 1962230  | 93.629  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.434  | 70   | 126430   | 19.301  | ng    | # 78     |
| 25) Isophorone                | 7.434  | 82   | 923325   | 50.564  | ng    | # 66     |
| 51) 2,6-Dinitrotoluene        | 9.910  | 165  | 39152    | 8.664   | ng    | # 22     |
| 57) 2,4-Dinitrotoluene        | 9.910  | 165  | 39152    | 6.583   | ng    | # 20     |
| 67) 4-Bromophenyl-phenylether | 10.704 | 248  | 25462    | 4.323   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

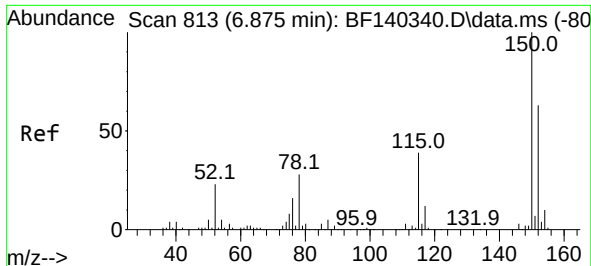
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111424\  
Data File : BF140352.D  
Acq On : 14 Nov 2024 10:08  
Operator : RC/JU  
Sample : PB164908BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB164908BL

Quant Time: Nov 14 18:57:04 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

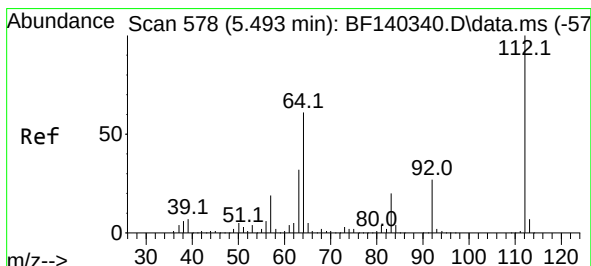
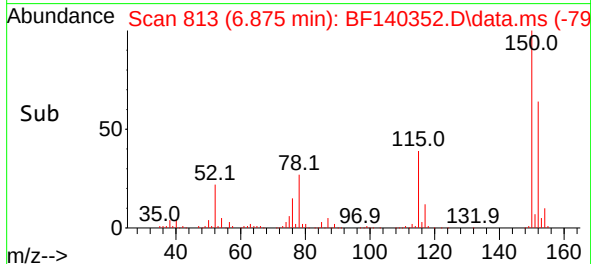
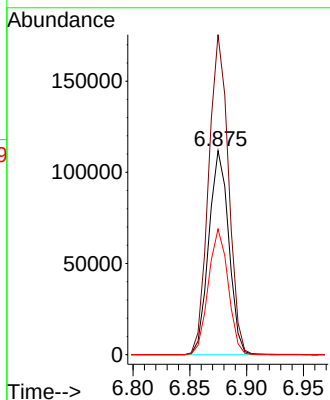
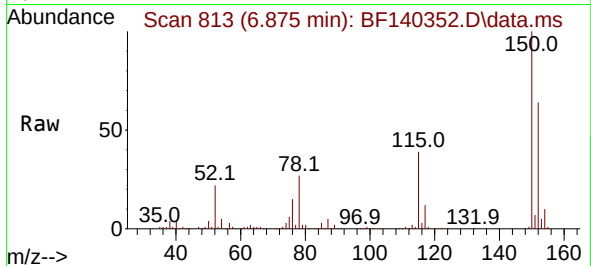




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF140352.D  
Acq: 14 Nov 2024 10:08

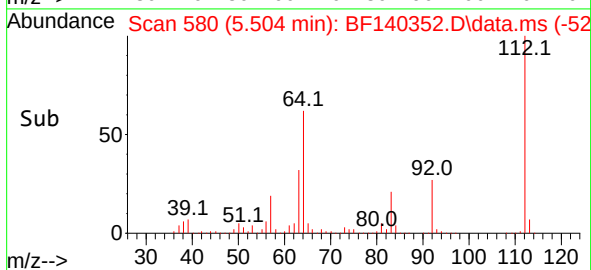
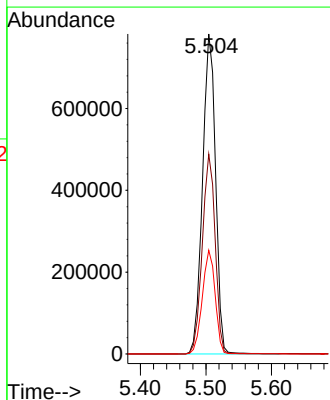
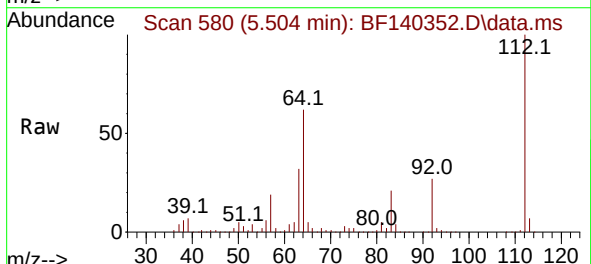
Instrument :  
BNA\_F  
ClientSampleId :  
PB164908BL

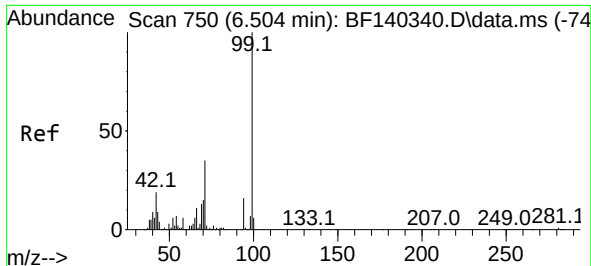
Tgt Ion:152 Resp: 136682  
Ion Ratio Lower Upper  
152 100  
150 156.8 127.4 191.0  
115 61.6 47.4 71.2



#5  
2-Fluorophenol  
Concen: 135.190 ng  
RT: 5.504 min Scan# 580  
Delta R.T. 0.012 min  
Lab File: BF140352.D  
Acq: 14 Nov 2024 10:08

Tgt Ion:112 Resp: 1082242  
Ion Ratio Lower Upper  
112 100  
64 62.5 49.2 73.8  
63 32.4 25.6 38.4

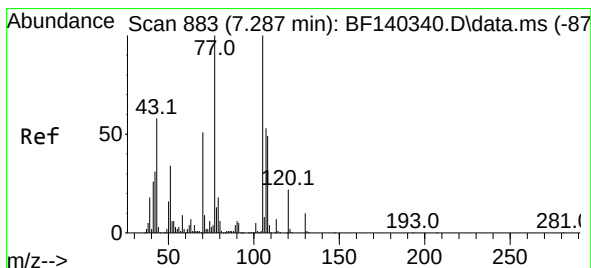
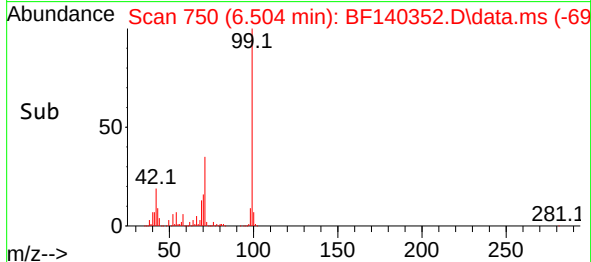
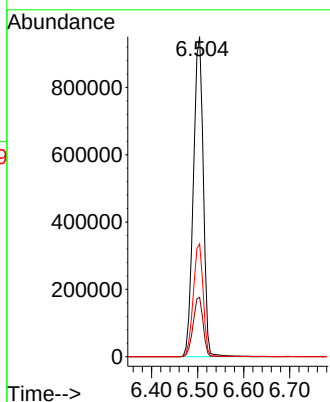
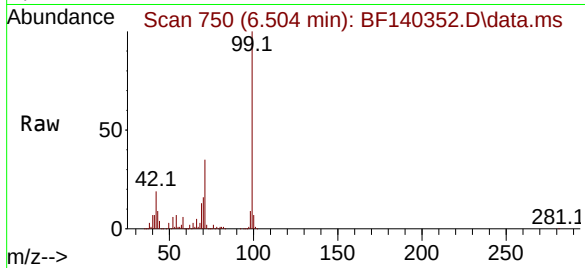




#7  
Phenol-d6  
Concen: 131.026 ng  
RT: 6.504 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF140352.D  
Acq: 14 Nov 2024 10:08

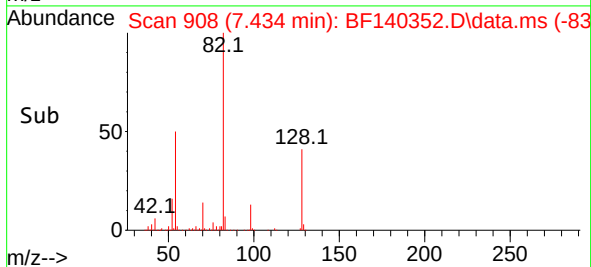
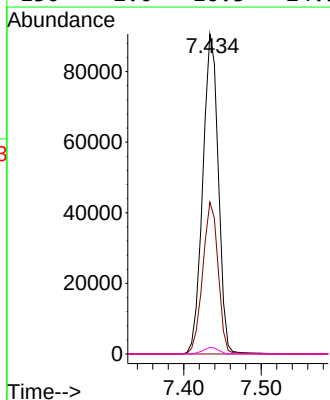
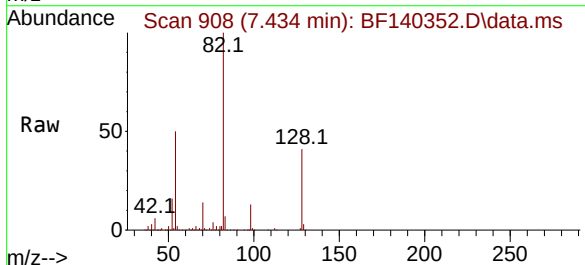
Instrument :  
BNA\_F  
ClientSampleId :  
PB164908BL

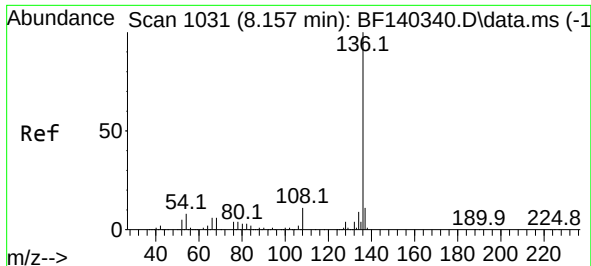
Tgt Ion: 99 Resp: 1421106  
Ion Ratio Lower Upper  
99 100  
42 18.6 15.1 22.7  
71 35.3 27.9 41.9



#19  
n-Nitroso-di-n-propylamine  
Concen: 19.301 ng  
RT: 7.434 min Scan# 908  
Delta R.T. 0.141 min  
Lab File: BF140352.D  
Acq: 14 Nov 2024 10:08

Tgt Ion: 70 Resp: 126430  
Ion Ratio Lower Upper  
70 100  
42 47.4 46.8 70.2  
101 0.0 7.5 11.3#  
130 2.0 16.3 24.5#





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: BF140352.D  
Acq: 14 Nov 2024 10:08

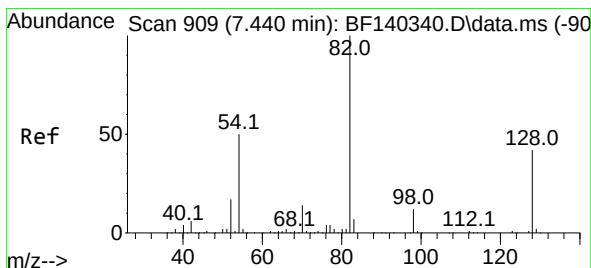
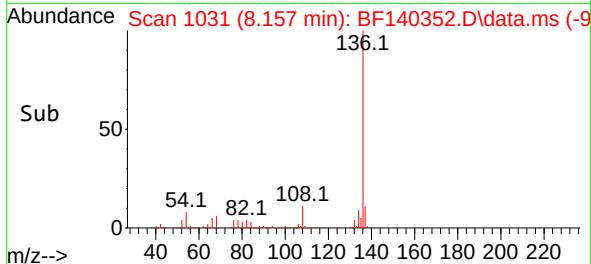
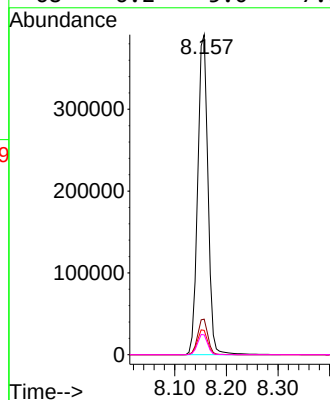
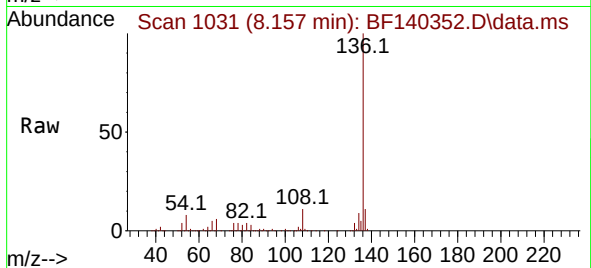
Instrument :

BNA\_F

ClientSampleId :

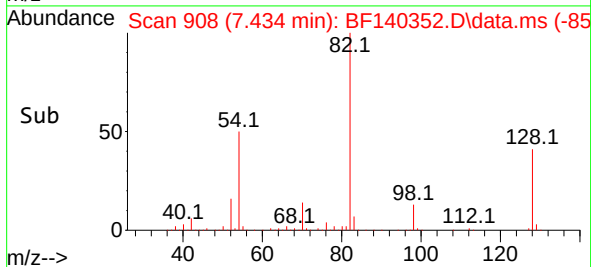
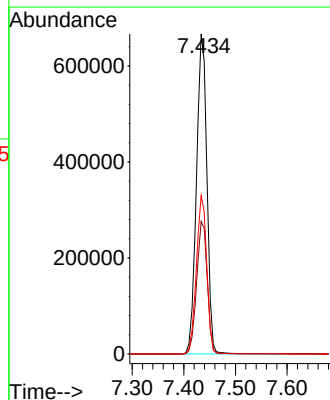
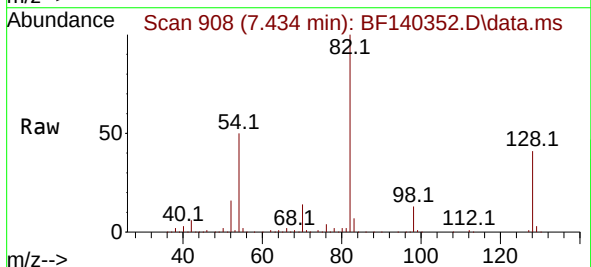
PB164908BL

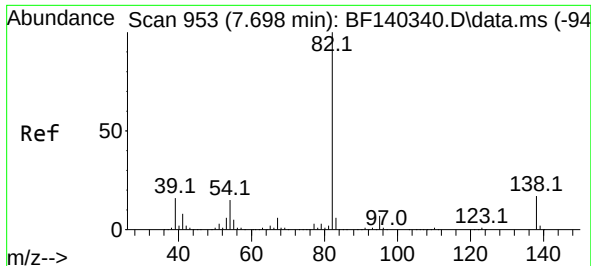
Tgt Ion:136 Resp: 536827  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.7 13.1  
54 7.6 6.5 9.7  
68 6.2 5.0 7.6



#23  
Nitrobenzene-d5  
Concen: 90.872 ng  
RT: 7.434 min Scan# 908  
Delta R.T. -0.006 min  
Lab File: BF140352.D  
Acq: 14 Nov 2024 10:08

Tgt Ion: 82 Resp: 936271  
Ion Ratio Lower Upper  
82 100  
128 41.4 33.3 49.9  
54 49.5 39.8 59.8

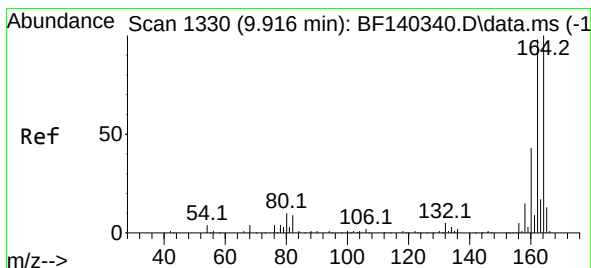
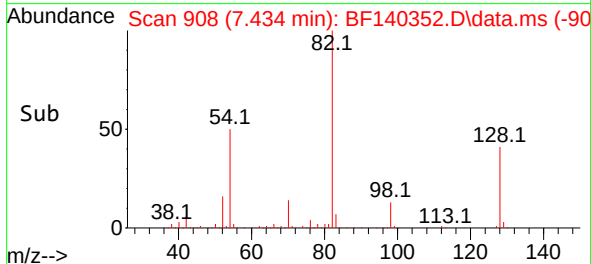
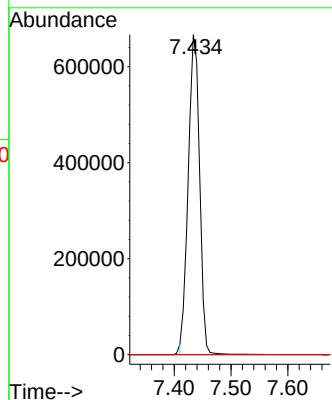
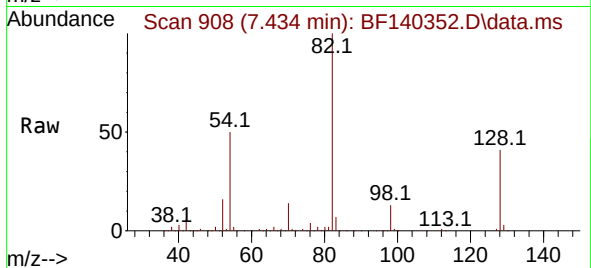




#25  
Isophorone  
Concen: 50.564 ng  
RT: 7.434 min Scan# 90  
Delta R.T. -0.265 min  
Lab File: BF140352.D  
Acq: 14 Nov 2024 10:08

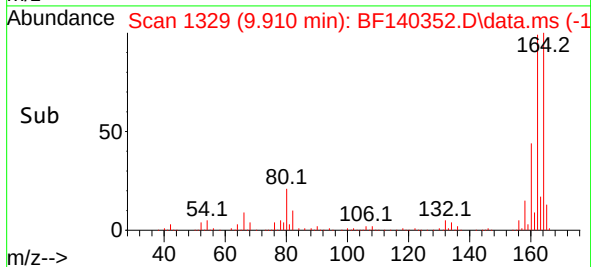
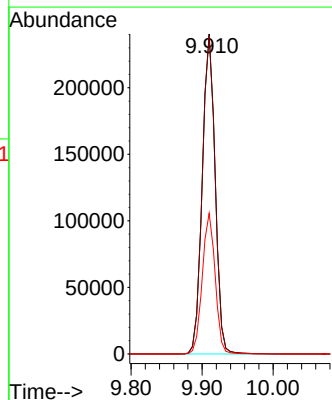
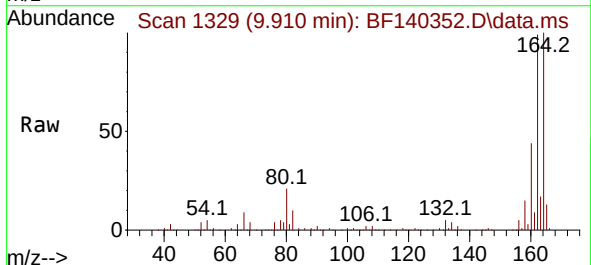
Instrument :  
BNA\_F  
ClientSampleId :  
PB164908BL

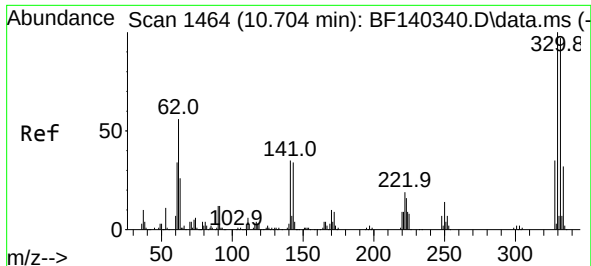
Tgt Ion: 82 Resp: 923325  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.9 8.9#  
138 0.0 13.4 20.2#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.910 min Scan# 1329  
Delta R.T. -0.006 min  
Lab File: BF140352.D  
Acq: 14 Nov 2024 10:08

Tgt Ion:164 Resp: 304122  
Ion Ratio Lower Upper  
164 100  
162 99.4 79.8 119.8  
160 44.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 129.253 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140352.D

Acq: 14 Nov 2024 10:08

Instrument :

BNA\_F

ClientSampleId :

PB164908BL

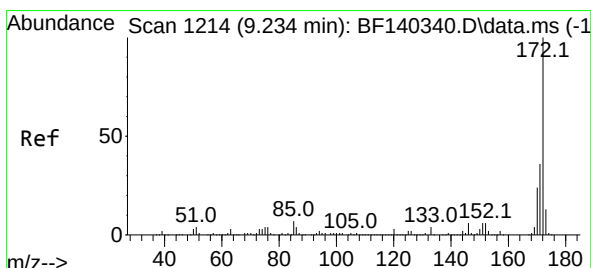
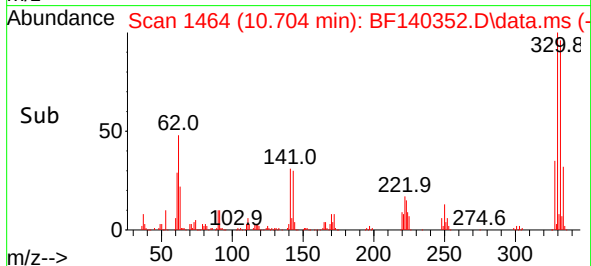
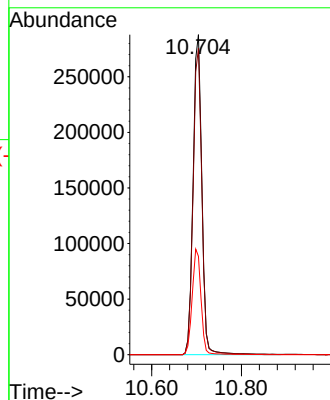
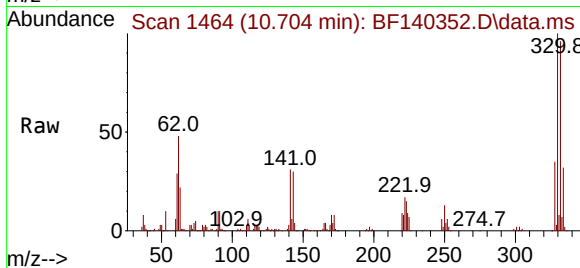
Tgt Ion:330 Resp: 390895

Ion Ratio Lower Upper

330 100

332 95.9 75.9 113.9

141 33.3 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 90.054 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140352.D

Acq: 14 Nov 2024 10:08

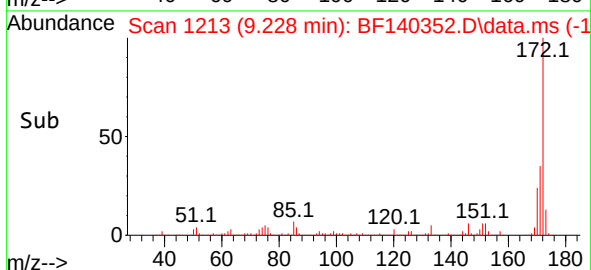
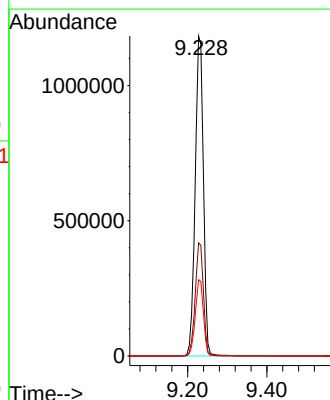
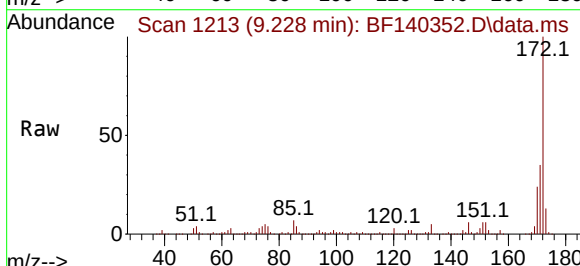
Tgt Ion:172 Resp: 1703682

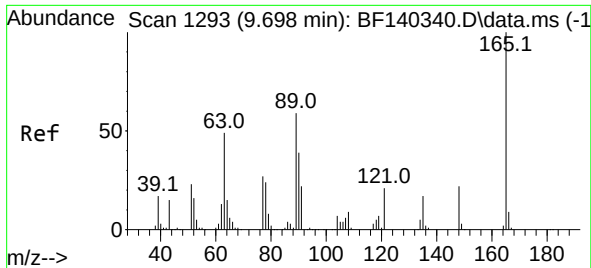
Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 23.8 19.1 28.7

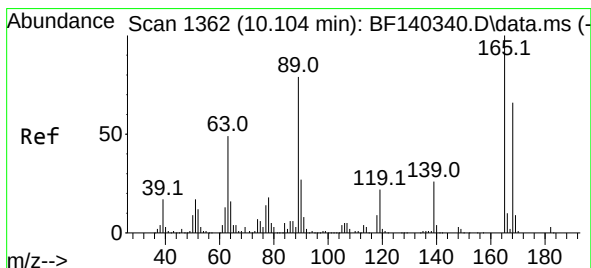
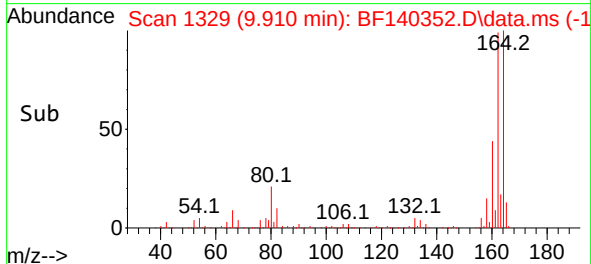
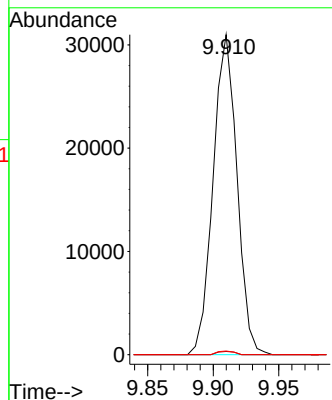
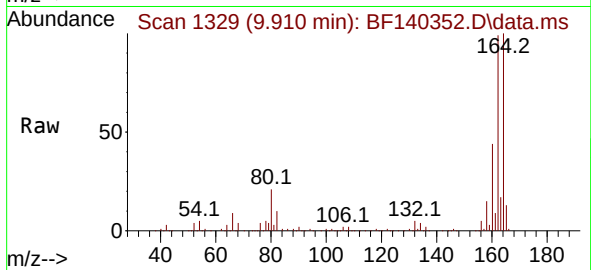




#51  
2,6-Dinitrotoluene  
Concen: 8.664 ng  
RT: 9.910 min Scan# 11  
Delta R.T. 0.212 min  
Lab File: BF140352.D  
Acq: 14 Nov 2024 10:08

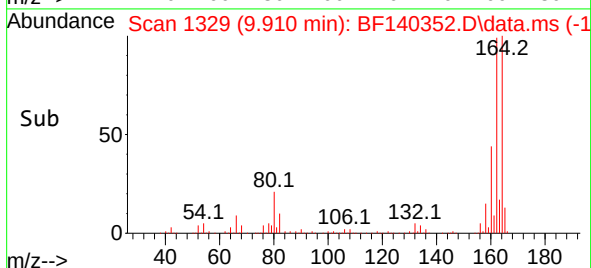
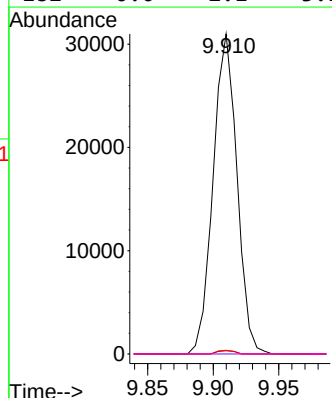
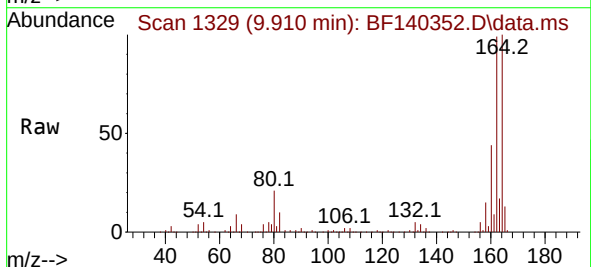
Instrument :  
BNA\_F  
ClientSampleId :  
PB164908BL

Tgt Ion:165 Resp: 39152  
Ion Ratio Lower Upper  
165 100  
63 1.0 47.6 71.4#  
89 1.1 48.1 72.1#

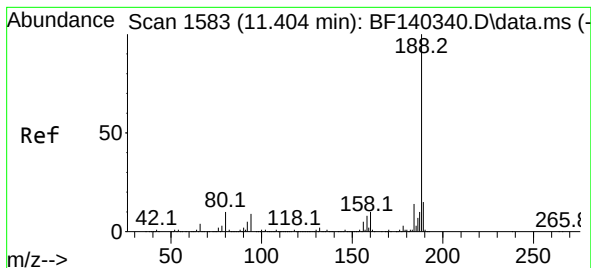


#57  
2,4-Dinitrotoluene  
Concen: 6.583 ng  
RT: 9.910 min Scan# 1329  
Delta R.T. -0.194 min  
Lab File: BF140352.D  
Acq: 14 Nov 2024 10:08

Tgt Ion:165 Resp: 39152  
Ion Ratio Lower Upper  
165 100  
63 1.0 39.4 59.0#  
89 1.1 62.4 93.6#  
182 0.0 2.1 3.1#







#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140352.D

Acq: 14 Nov 2024 10:08

Instrument :

BNA\_F

ClientSampleId :

PB164908BL

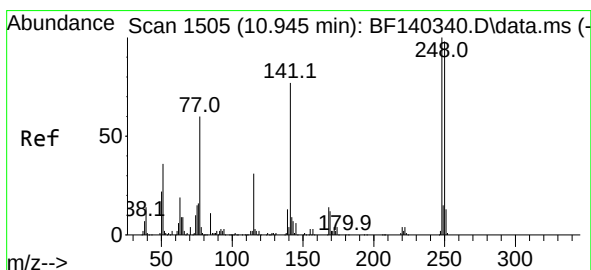
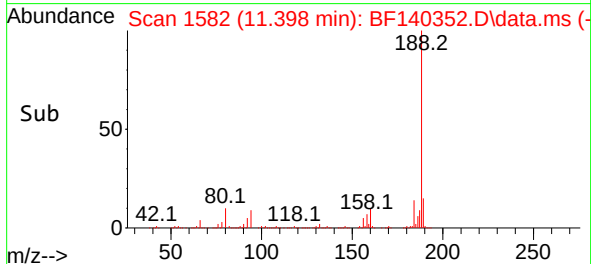
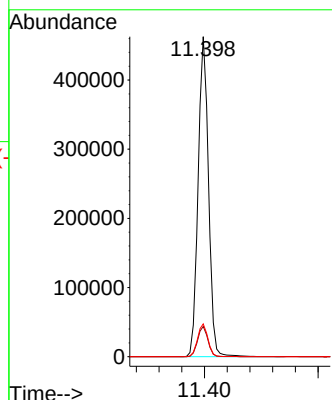
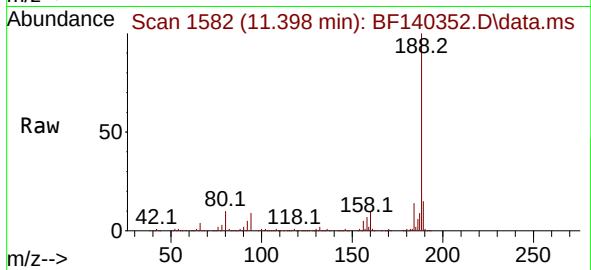
Tgt Ion:188 Resp: 589281

Ion Ratio Lower Upper

188 100

94 9.4 7.6 11.4

80 10.3 8.0 12.0



#67

4-Bromophenyl-phenylether

Concen: 4.323 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.241 min

Lab File: BF140352.D

Acq: 14 Nov 2024 10:08

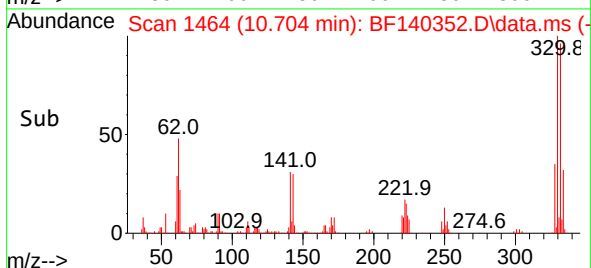
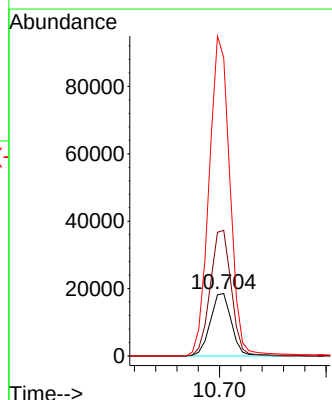
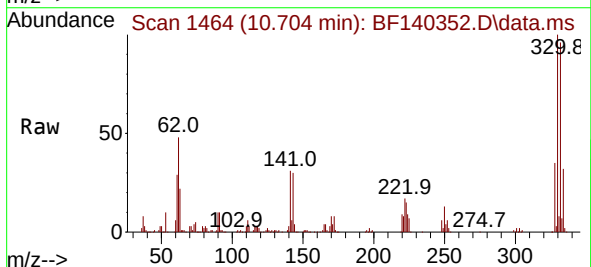
Tgt Ion:248 Resp: 25462

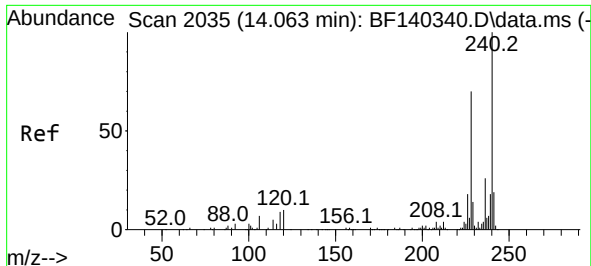
Ion Ratio Lower Upper

248 100

250 201.4 77.9 116.9#

141 478.5 61.8 92.6#

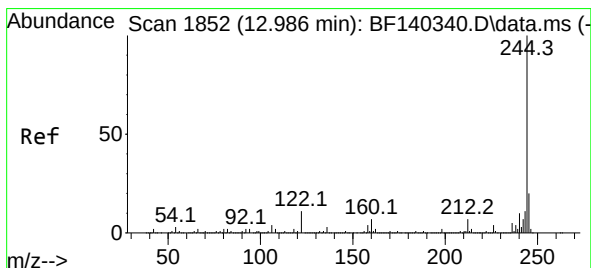
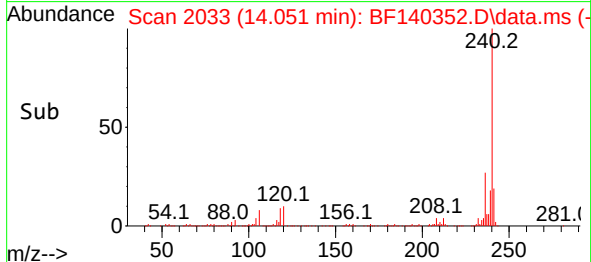
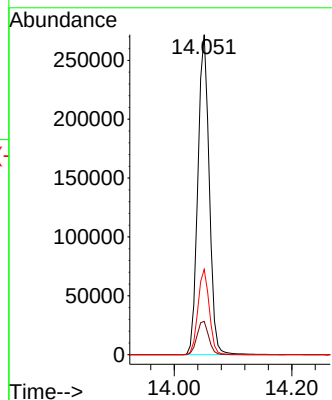
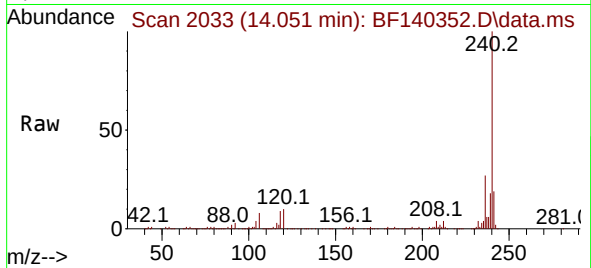




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.051 min Scan# 2033  
Delta R.T. -0.000 min  
Lab File: BF140352.D  
Acq: 14 Nov 2024 10:08

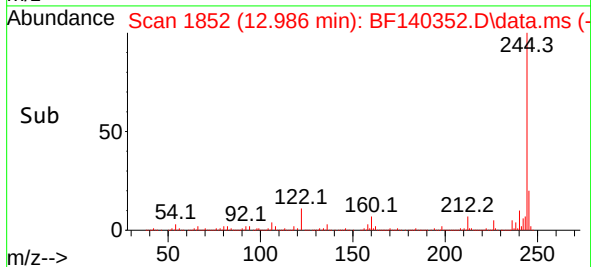
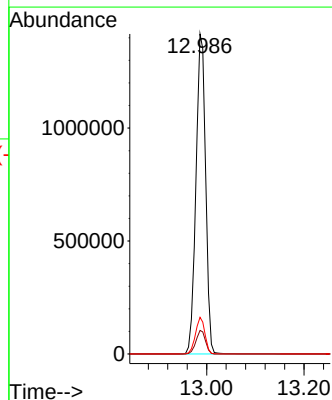
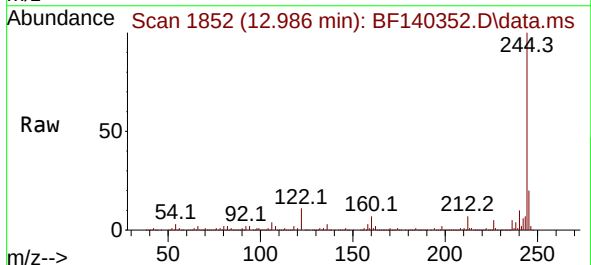
Instrument :  
BNA\_F  
ClientSampleId :  
PB164908BL

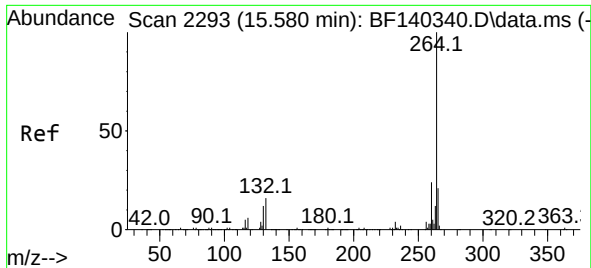
Tgt Ion:240 Resp: 363777  
Ion Ratio Lower Upper  
240 100  
120 10.4 8.8 13.2  
236 26.6 20.9 31.3



#79  
Terphenyl-d14  
Concen: 93.629 ng  
RT: 12.986 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: BF140352.D  
Acq: 14 Nov 2024 10:08

Tgt Ion:244 Resp: 1962230  
Ion Ratio Lower Upper  
244 100  
212 7.3 5.8 8.8  
122 11.5 8.8 13.2





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.562 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: BF140352.D  
 Acq: 14 Nov 2024 10:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB164908BL

Tgt Ion:264 Resp: 308868  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 19.2 28.8  
 265 21.3 17.1 25.7

