

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112724\  
 Data File : BF140675.D  
 Acq On : 27 Nov 2024 17:32  
 Operator : RC/JU  
 Sample : P4985-05RE  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-740-WC

Quant Time: Nov 28 00:11:41 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 21 15:23:48 2024  
 Response via : Initial Calibration

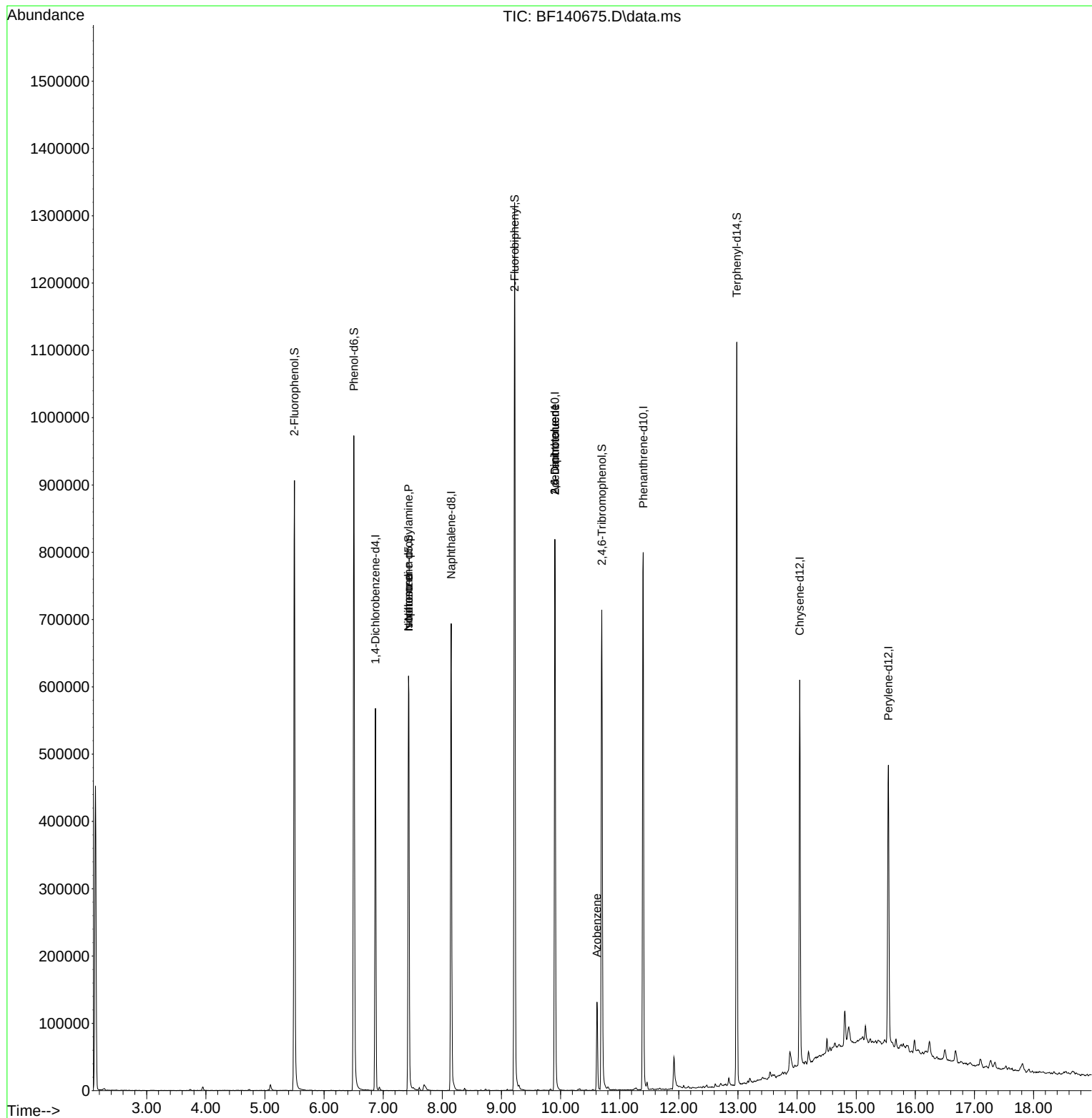
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.869  | 152  | 119046   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.151  | 136  | 455701   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.904  | 164  | 256174   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.398 | 188  | 461717   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.045 | 240  | 280855   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.545 | 264  | 244567   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.498  | 112  | 353850   | 50.715 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 467857   | 50.721 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.428  | 82   | 300660   | 33.748 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.698 | 330  | 130078   | 47.477 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.222  | 172  | 597014   | 34.723 | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.980 | 244  | 536362   | 29.737 | ng    | -0.01    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.428  | 70   | 39462    | 7.239  | ng    | # 76     |
| 25) Isophorone                | 7.428  | 82   | 295118   | 19.860 | ng    | # 66     |
| 51) 2,6-Dinitrotoluene        | 9.904  | 165  | 33254    | 8.691  | ng    | # 20     |
| 57) 2,4-Dinitrotoluene        | 9.904  | 165  | 33254    | 6.539  | ng    | # 18     |
| 63) Azobenzene                | 10.616 | 77   | 37616    | 2.317  | ng    | # 1      |
| -----                         |        |      |          |        |       |          |

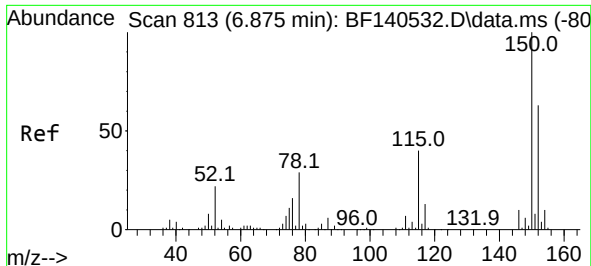
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112724\  
Data File : BF140675.D  
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Instrument :  
BNA\_F  
ClientSampleId :  
MH-740-WC

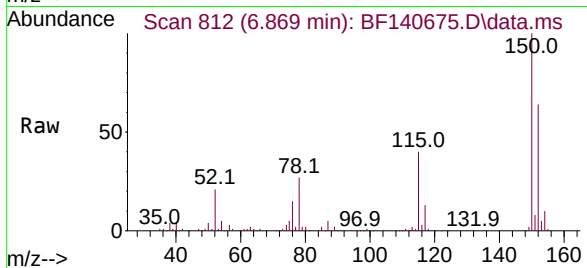
Quant Time: Nov 28 00:11:41 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112124.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 21 15:23:48 2024  
Response via : Initial Calibration



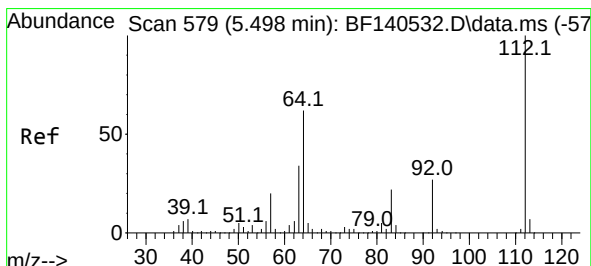
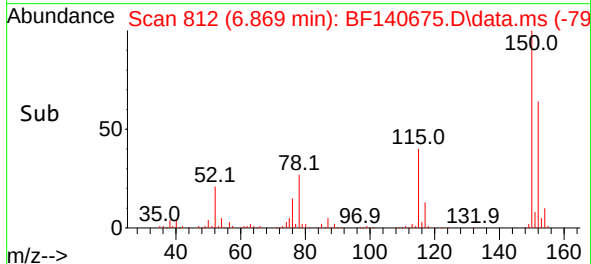
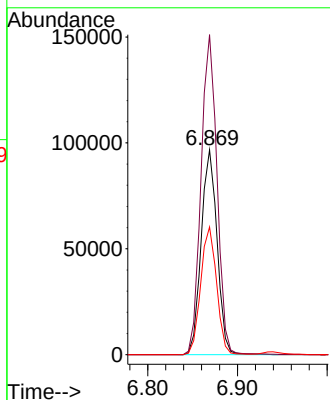


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.869 min Scan# 813  
Delta R.T. -0.006 min  
Lab File: BF140675.D  
Acq: 27 Nov 2024 17:32

Instrument :  
BNA\_F  
ClientSampleId :  
MH-740-WC

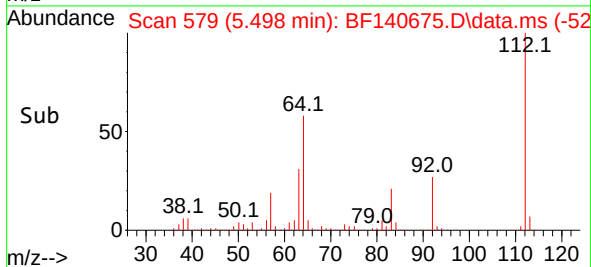
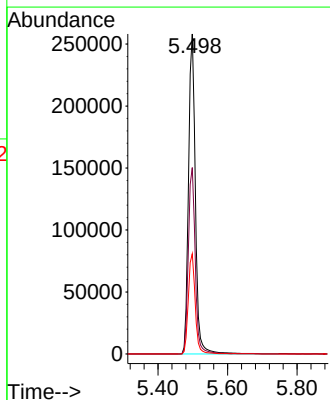
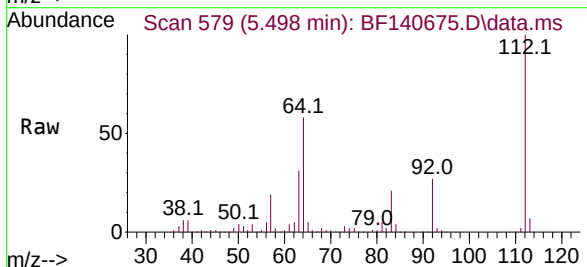


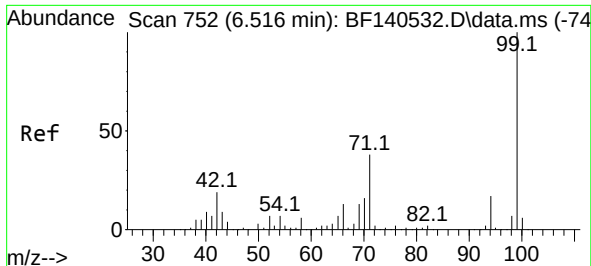
Tgt Ion:152 Resp: 119046  
Ion Ratio Lower Upper  
152 100  
150 156.3 128.5 192.7  
115 62.4 50.2 75.4



#5  
2-Fluorophenol  
Concen: 50.715 ng  
RT: 5.498 min Scan# 579  
Delta R.T. -0.000 min  
Lab File: BF140675.D  
Acq: 27 Nov 2024 17:32

Tgt Ion:112 Resp: 353850  
Ion Ratio Lower Upper  
112 100  
64 58.3 49.2 73.8  
63 31.3 27.0 40.4

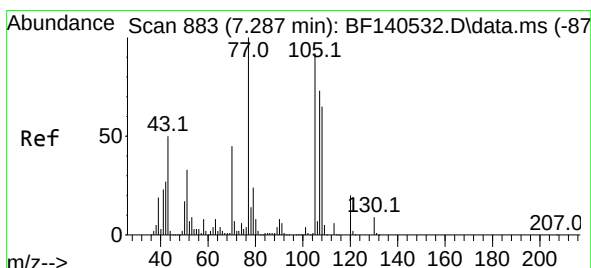
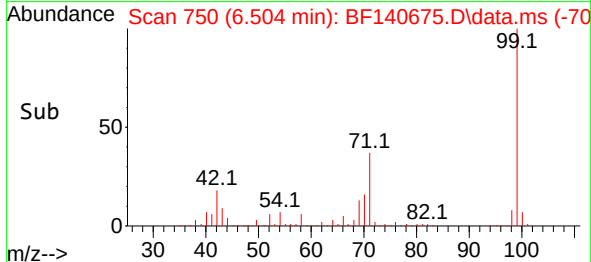
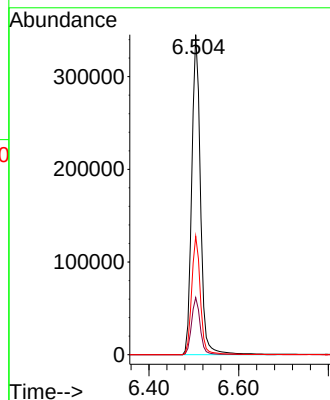
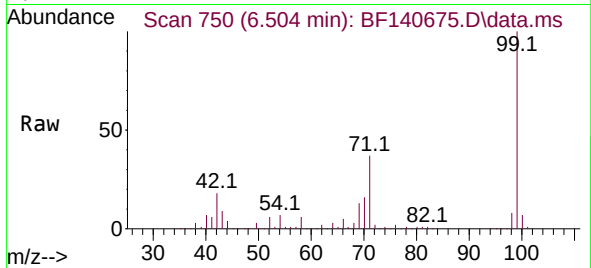




#7  
Phenol-d6  
Concen: 50.721 ng  
RT: 6.504 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF140675.D  
Acq: 27 Nov 2024 17:32

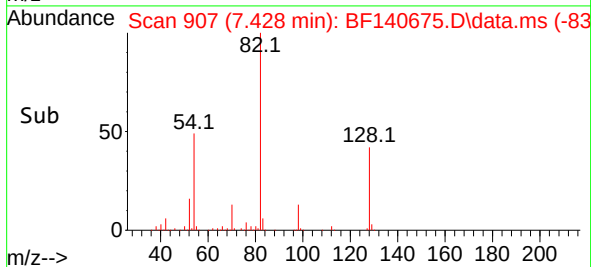
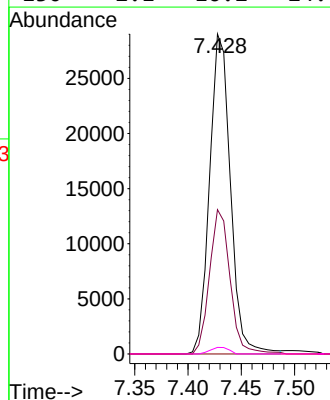
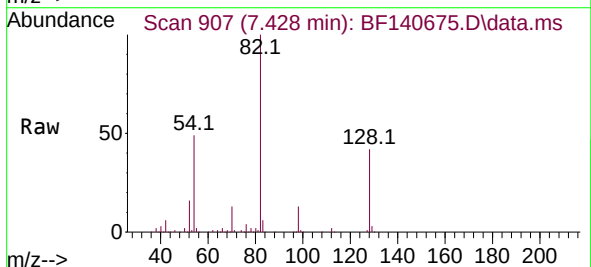
Instrument :  
BNA\_F  
ClientSampleId :  
MH-740-WC

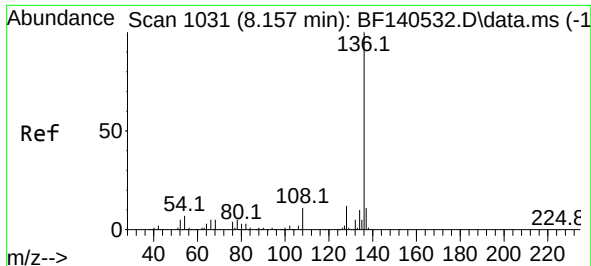
Tgt Ion: 99 Resp: 467857  
Ion Ratio Lower Upper  
99 100  
42 17.9 15.4 23.0  
71 37.0 30.6 46.0



#19  
n-Nitroso-di-n-propylamine  
Concen: 7.239 ng  
RT: 7.428 min Scan# 907  
Delta R.T. 0.141 min  
Lab File: BF140675.D  
Acq: 27 Nov 2024 17:32

Tgt Ion: 70 Resp: 39462  
Ion Ratio Lower Upper  
70 100  
42 45.1 47.6 71.4#  
101 0.0 7.6 11.4#  
130 2.1 16.2 24.4#



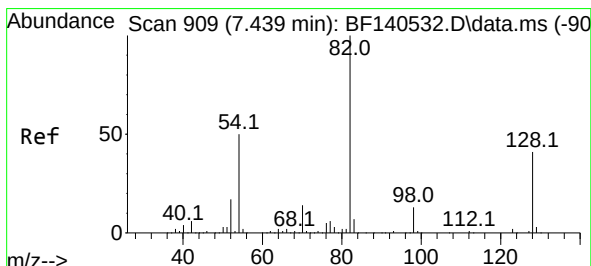
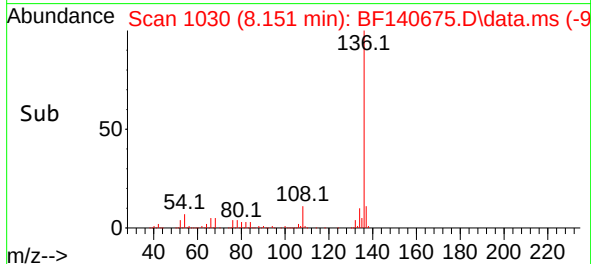
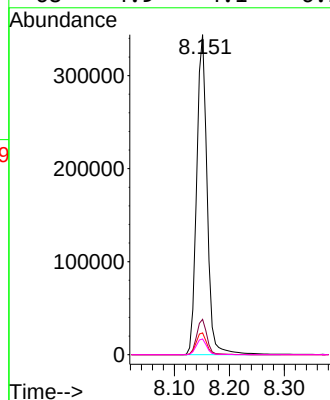
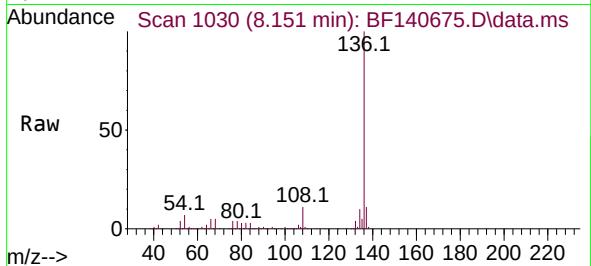


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: BF140675.D  
Acq: 27 Nov 2024 17:32

Instrument :  
BNA\_F  
ClientSampleId :  
MH-740-WC

Tgt Ion:136 Resp: 455701

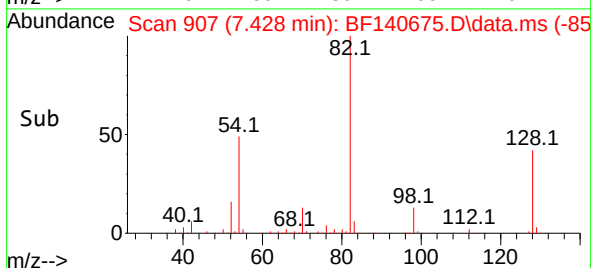
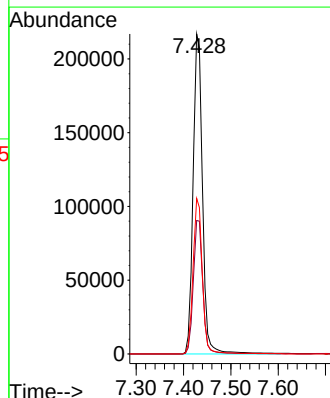
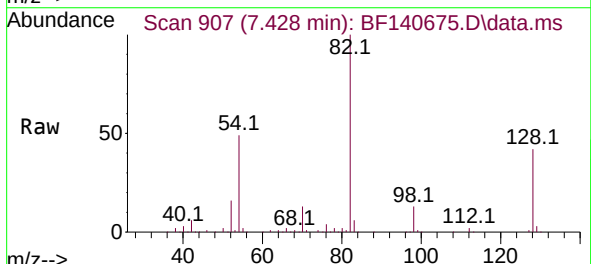
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 8.6   | 13.0  |
| 54  | 6.8   | 5.8   | 8.8   |
| 68  | 4.9   | 4.1   | 6.1   |

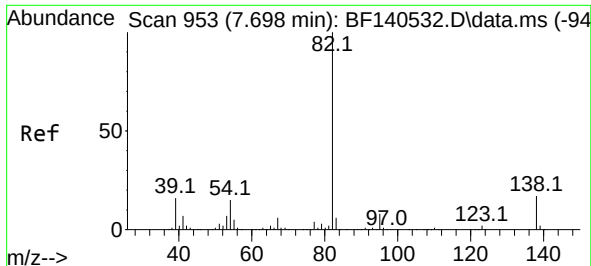


#23  
Nitrobenzene-d5  
Concen: 33.748 ng  
RT: 7.428 min Scan# 907  
Delta R.T. -0.012 min  
Lab File: BF140675.D  
Acq: 27 Nov 2024 17:32

Tgt Ion: 82 Resp: 300660

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 41.7  | 33.0  | 49.4  |
| 54  | 48.6  | 39.5  | 59.3  |

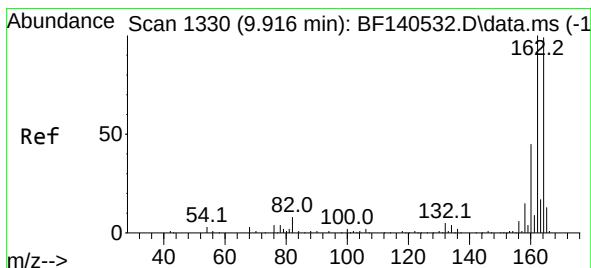
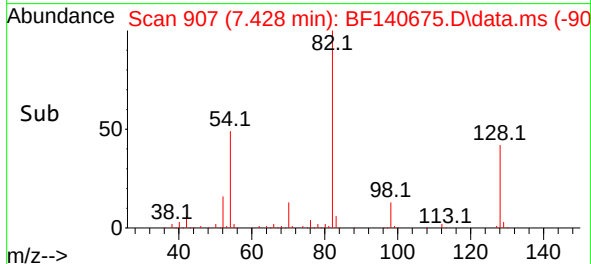
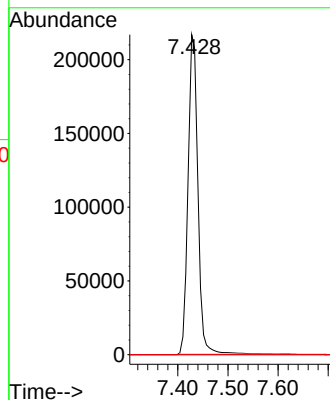
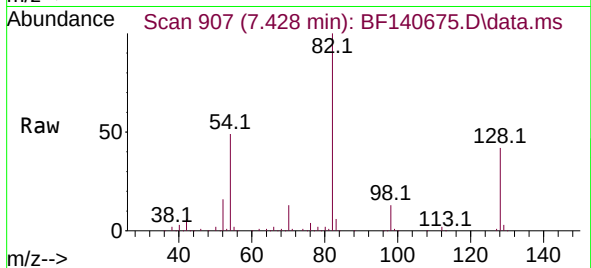




#25  
Isophorone  
Concen: 19.860 ng  
RT: 7.428 min Scan# 90  
Delta R.T. -0.271 min  
Lab File: BF140675.D  
Acq: 27 Nov 2024 17:32

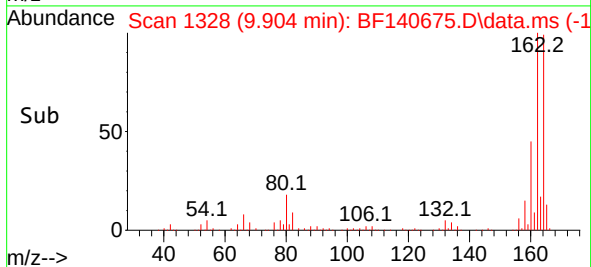
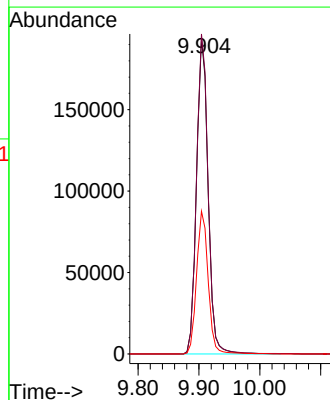
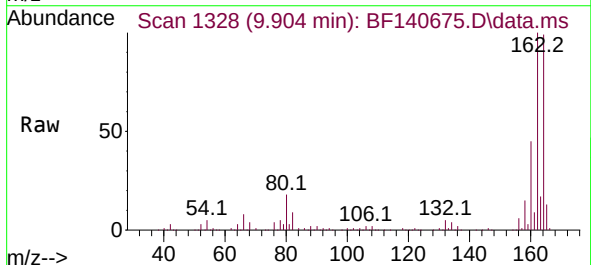
Instrument :  
BNA\_F  
ClientSampleId :  
MH-740-WC

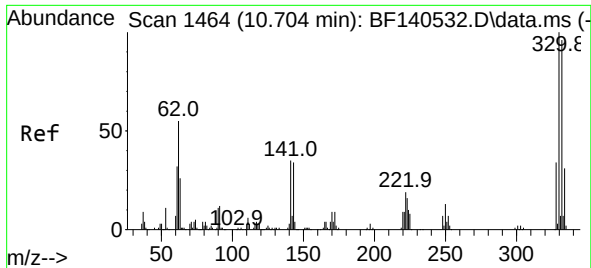
Tgt Ion: 82 Resp: 295118  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.4 9.6#  
138 0.0 13.8 20.6#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.904 min Scan# 1328  
Delta R.T. -0.012 min  
Lab File: BF140675.D  
Acq: 27 Nov 2024 17:32

Tgt Ion:164 Resp: 256174  
Ion Ratio Lower Upper  
164 100  
162 101.4 80.6 120.8  
160 45.2 36.2 54.4

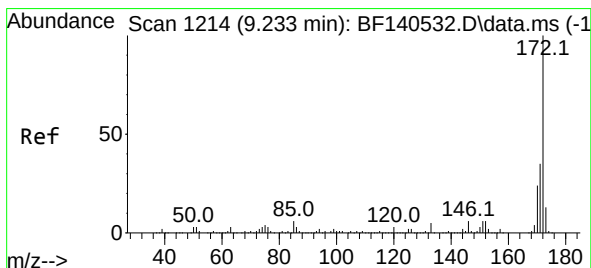
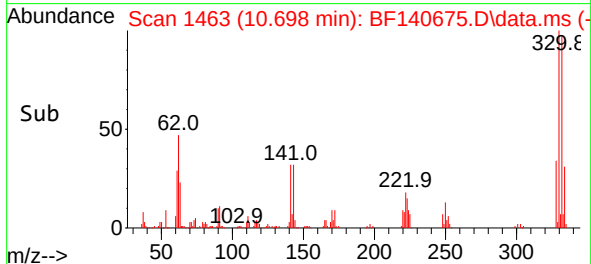
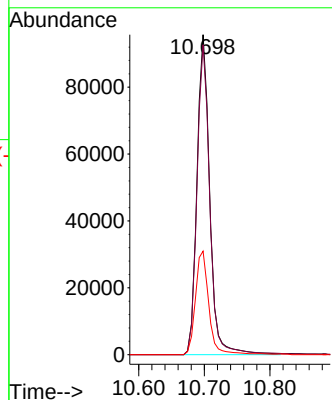
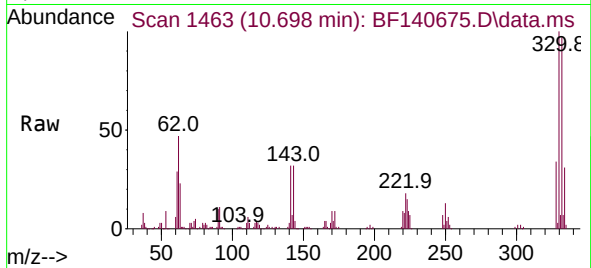




#42  
2,4,6-Tribromophenol  
Concen: 47.477 ng  
RT: 10.698 min Scan# 1463  
Delta R.T. -0.006 min  
Lab File: BF140675.D  
Acq: 27 Nov 2024 17:32

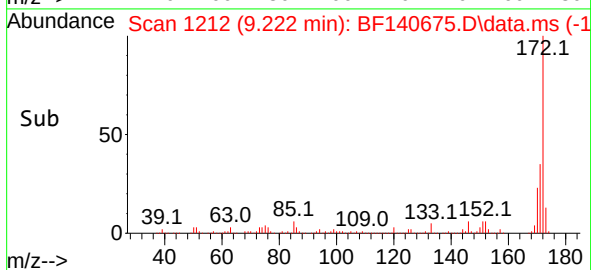
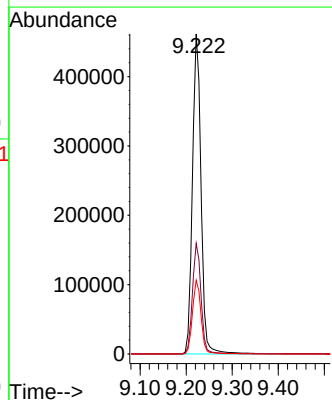
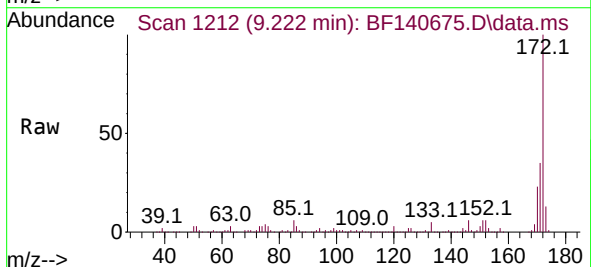
Instrument :  
BNA\_F  
ClientSampleId :  
MH-740-WC

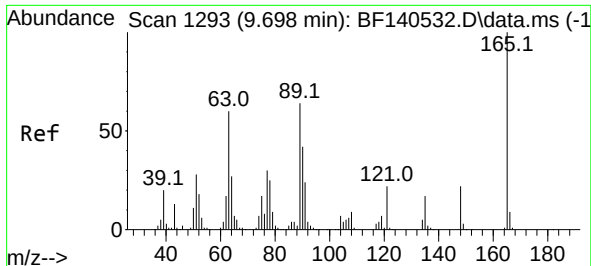
Tgt Ion:330 Resp: 130078  
Ion Ratio Lower Upper  
330 100  
332 97.8 76.9 115.3  
141 34.0 26.7 40.1



#45  
2-Fluorobiphenyl  
Concen: 34.723 ng  
RT: 9.222 min Scan# 1212  
Delta R.T. -0.012 min  
Lab File: BF140675.D  
Acq: 27 Nov 2024 17:32

Tgt Ion:172 Resp: 597014  
Ion Ratio Lower Upper  
172 100  
171 34.6 28.4 42.6  
170 23.1 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.691 ng

RT: 9.904 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF140675.D

Acq: 27 Nov 2024 17:32

Instrument :

BNA\_F

ClientSampleId :

MH-740-WC

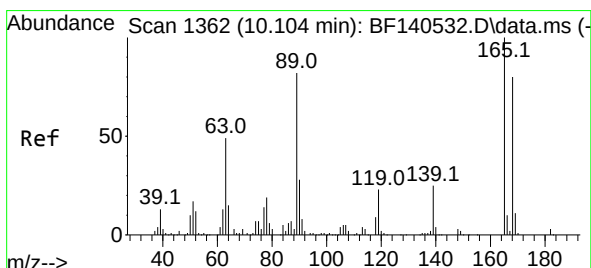
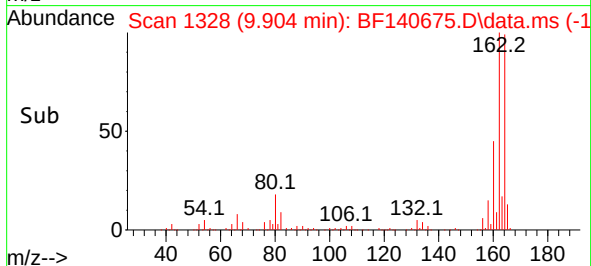
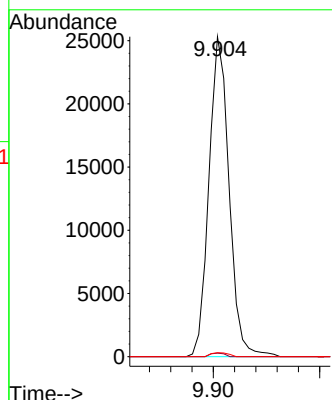
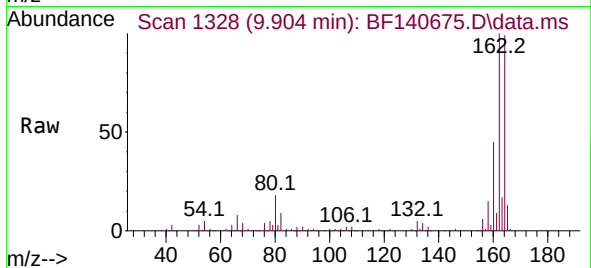
Tgt Ion:165 Resp: 33254

Ion Ratio Lower Upper

165 100

63 1.1 49.9 74.9#

89 1.3 50.9 76.3#



#57

2,4-Dinitrotoluene

Concen: 6.539 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.200 min

Lab File: BF140675.D

Acq: 27 Nov 2024 17:32

Tgt Ion:165 Resp: 33254

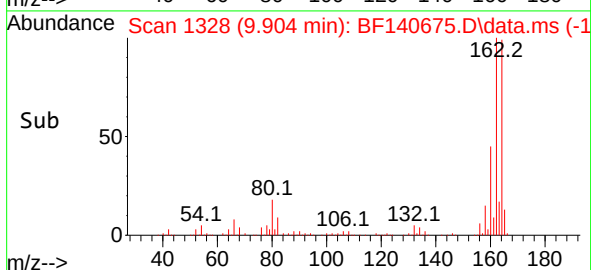
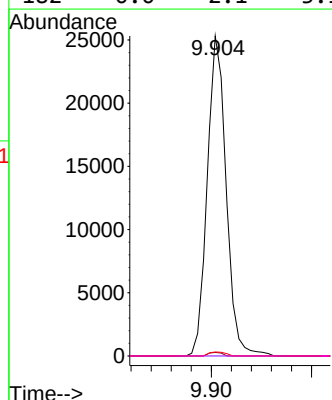
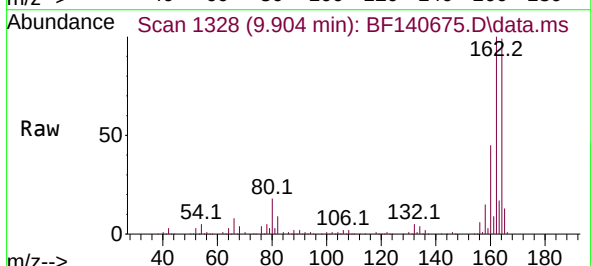
Ion Ratio Lower Upper

165 100

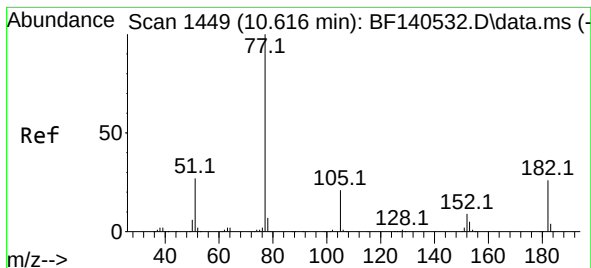
63 1.1 41.7 62.5#

89 1.3 65.8 98.8#

182 0.0 2.1 3.1#







#63

Azobenzene

Concen: 2.317 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.000 min

Lab File: BF140675.D

Acq: 27 Nov 2024 17:32

Instrument :

BNA\_F

ClientSampleId :

MH-740-WC

Tgt Ion: 77 Resp: 37616

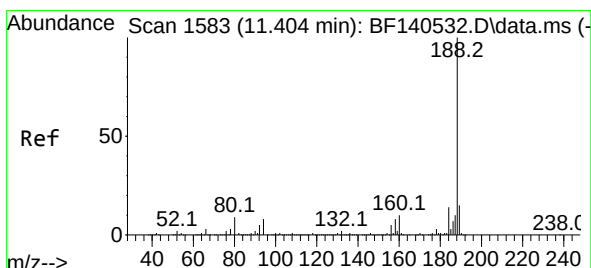
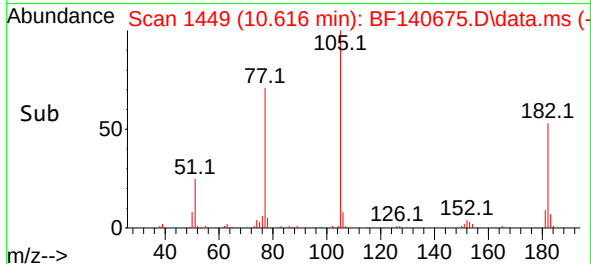
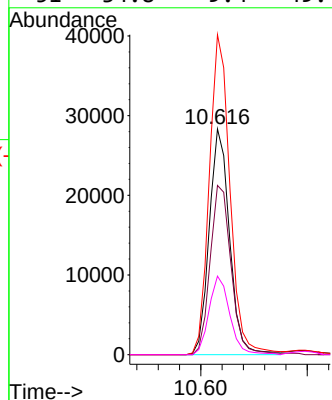
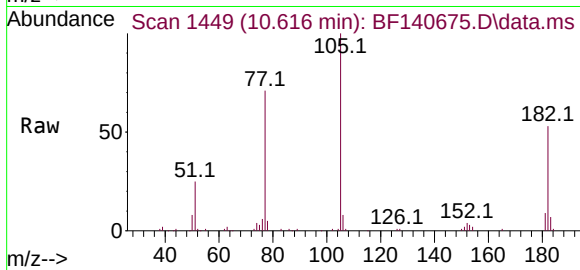
Ion Ratio Lower Upper

77 100

182 75.0 5.3 45.3#

105 141.8 0.3 40.3#

51 34.8 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140675.D

Acq: 27 Nov 2024 17:32

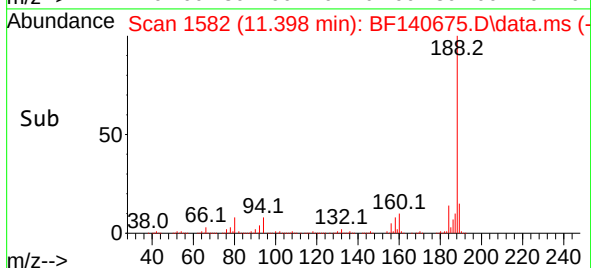
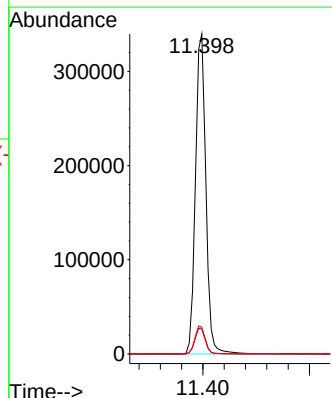
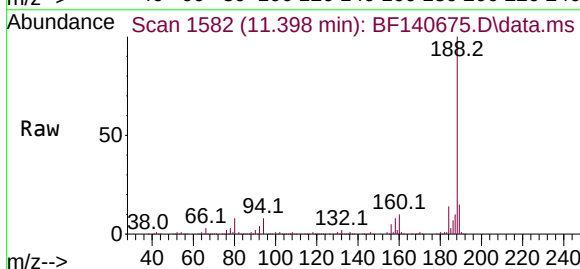
Tgt Ion: 188 Resp: 461717

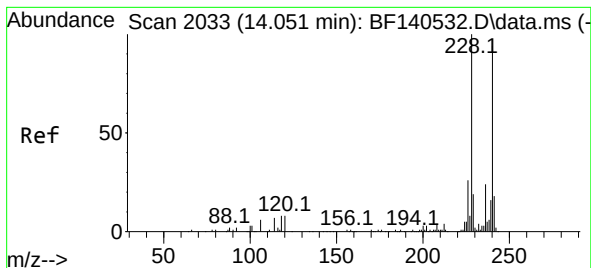
Ion Ratio Lower Upper

188 100

94 7.8 6.4 9.6

80 8.4 6.9 10.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140675.D

Acq: 27 Nov 2024 17:32

Instrument :

BNA\_F

ClientSampleId :

MH-740-WC

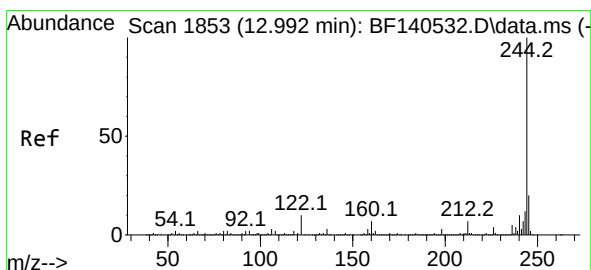
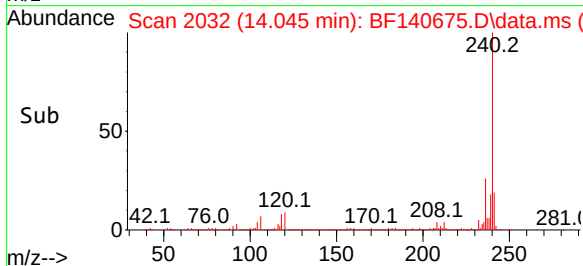
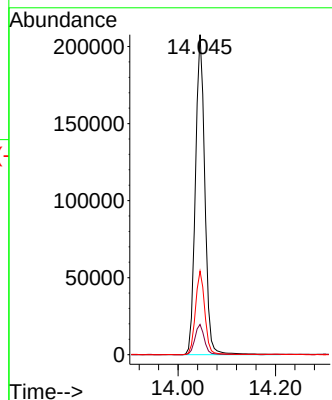
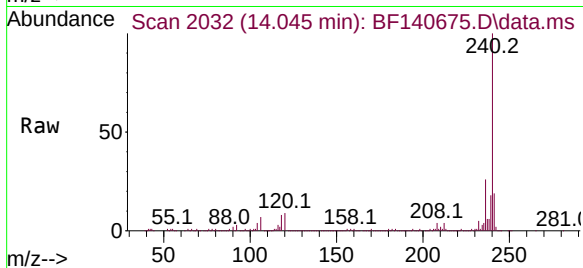
Tgt Ion:240 Resp: 280855

Ion Ratio Lower Upper

240 100

120 9.5 7.3 10.9

236 26.1 20.6 31.0



#79

Terphenyl-d14

Concen: 29.737 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140675.D

Acq: 27 Nov 2024 17:32

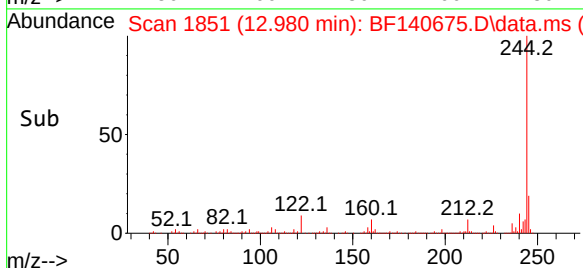
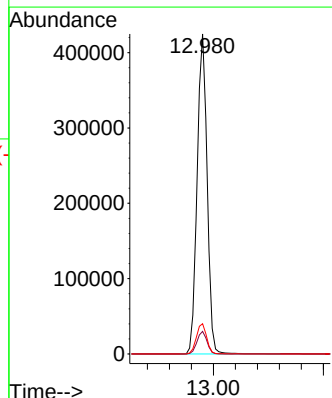
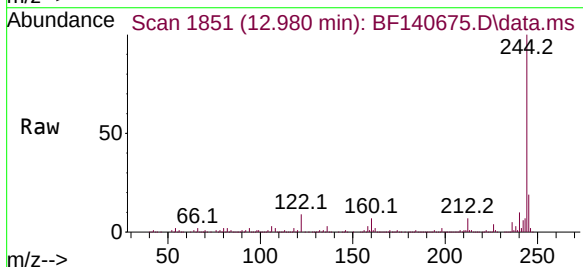
Tgt Ion:244 Resp: 536362

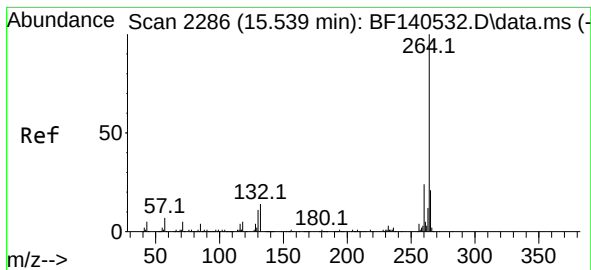
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 9.5 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140675.D

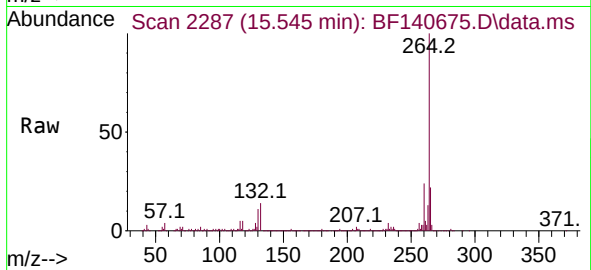
Acq: 27 Nov 2024 17:32

Instrument :

BNA\_F

ClientSampleId :

MH-740-WC



Tgt Ion:264 Resp: 244567

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 21.6 16.6 25.0

