

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121324\  
 Data File : BF140849.D  
 Acq On : 13 Dec 2024 17:28  
 Operator : RC/JU  
 Sample : P5270-07  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW12-20241212

Quant Time: Dec 13 21:41:40 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

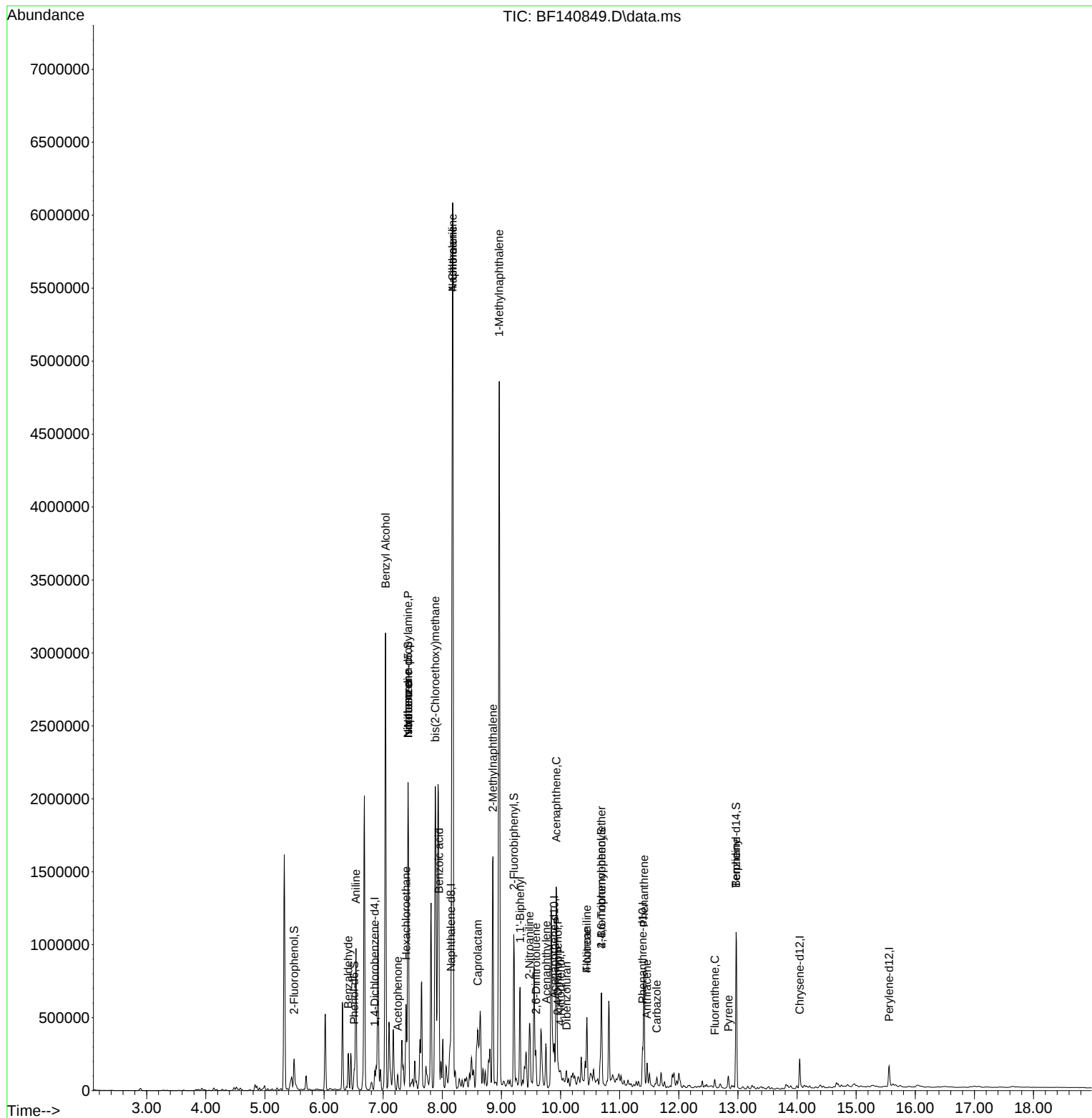
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.857  | 152  | 28219    | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8            | 8.145  | 136  | 105003   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.892  | 164  | 66739    | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10          | 11.386 | 188  | 136835   | 20.000  | ng    | -0.02    |
| 76) Chrysene-d12              | 14.045 | 240  | 95873    | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.557 | 264  | 89401    | 20.000  | ng    | 0.02     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.493  | 112  | 108047   | 65.329  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.510  | 99   | 85129    | 38.934  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.422  | 82   | 193049   | 94.040  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 10.692 | 330  | 114186   | 159.974 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.210  | 172  | 434679   | 97.042  | ng    | -0.02    |
| 79) Terphenyl-d14             | 12.969 | 244  | 529415   | 85.985  | ng    | -0.02    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 6) Aniline                    | 6.540  | 93   | 5119     | 3.326   | ng    | # 1      |
| 9) Benzaldehyde               | 6.410  | 77   | 16448    | 14.210  | ng    | # 1      |
| 15) Benzyl Alcohol            | 7.040  | 79   | 5780     | 3.565   | ng    | # 1      |
| 18) Hexachloroethane          | 7.387  | 117  | 80376    | 106.304 | ng    | # 1      |
| 19) n-Nitroso-di-n-propyla... | 7.422  | 70   | 25906    | 20.048  | ng    | # 85     |
| 22) Acetophenone              | 7.245  | 105  | 54806    | 21.409  | ng    | # 52     |
| 24) Nitrobenzene              | 7.422  | 77   | 38414    | 18.106  | ng    | # 1      |
| 25) Isophorone                | 7.422  | 82   | 189963   | 55.480  | ng    | # 66     |
| 28) bis(2-Chloroethoxy)met... | 7.881  | 93   | 8348     | 4.002   | ng    | # 66     |
| 31) Naphthalene               | 8.175  | 128  | 4493988  | 830.900 | ng    | 97       |
| 32) Benzoic acid              | 7.945  | 122  | 5290     | 11.786  | ng    | # 1      |
| 33) 4-Chloroaniline           | 8.175  | 127  | 638153   | 394.079 | ng    | # 32     |
| 35) Caprolactam               | 8.598  | 113  | 2290     | 4.964   | ng    | # 7      |
| 37) 2-Methylnaphthalene       | 8.857  | 142  | 609078   | 177.300 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.963  | 142  | 2019737  | 599.812 | ng    | 100      |
| 46) 1,1'-Biphenyl             | 9.316  | 154  | 307123   | 61.637  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.475  | 65   | 3407     | 2.811   | ng    | # 28     |
| 49) Acenaphthylene            | 9.757  | 152  | 35645    | 6.248   | ng    | # 59     |
| 51) 2,6-Dinitrotoluene        | 9.587  | 165  | 7186     | 7.209   | ng    | # 87     |
| 52) Acenaphthene              | 9.928  | 154  | 388013   | 107.048 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.951  | 184  | 1379     | 10.233  | ng    | # 1      |
| 55) Dibenzofuran              | 10.104 | 168  | 26915    | 4.868   | ng    | # 95     |
| 56) 4-Nitrophenol             | 9.998  | 139  | 2219     | 3.337   | ng    | # 27     |
| 58) Fluorene                  | 10.445 | 166  | 183161   | 41.273  | ng    | 97       |
| 62) 4-Nitroaniline            | 10.445 | 138  | 2231     | 2.182   | ng    | # 17     |
| 67) 4-Bromophenyl-phenylether | 10.692 | 248  | 7273     | 5.161   | ng    | # 1      |
| 71) Phenanthrene              | 11.410 | 178  | 417344   | 63.450  | ng    | 99       |
| 72) Anthracene                | 11.463 | 178  | 91887    | 14.281  | ng    | 99       |
| 73) Carbazole                 | 11.628 | 167  | 25885    | 4.182   | ng    | 99       |
| 75) Fluoranthene              | 12.610 | 202  | 29104    | 4.075   | ng    | 99       |
| 77) Benzidine                 | 12.969 | 184  | 7740     | 2.777   | ng    | # 95     |
| 78) Pyrene                    | 12.839 | 202  | 51420    | 5.801   | ng    | 99       |
| -----                         |        |      |          |         |       |          |

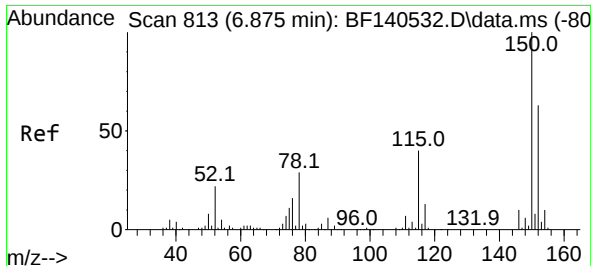
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121324\  
Data File : BF140849.D  
Acq On : 13 Dec 2024 17:28  
Operator : RC/JU  
Sample : P5270-07  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW12-20241212

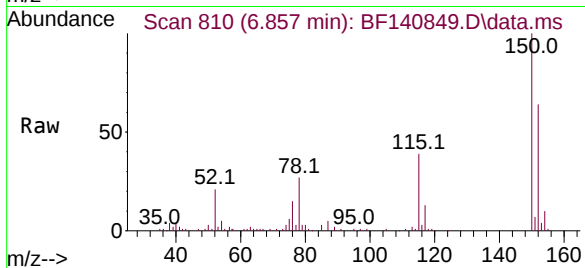
Quant Time: Dec 13 21:41:40 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112124.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 21 15:23:48 2024  
Response via : Initial Calibration



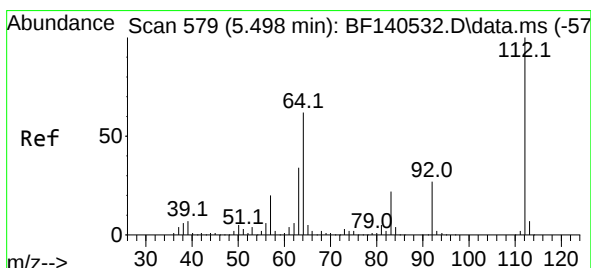
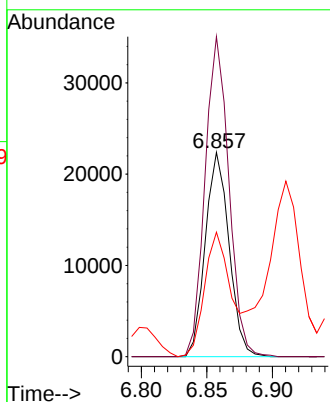
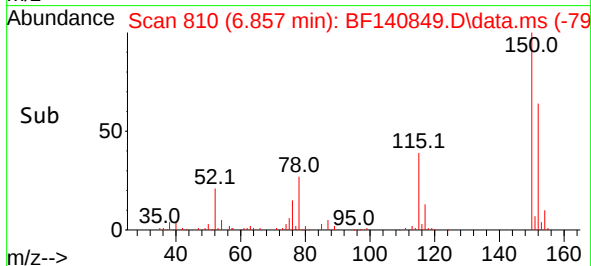


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.857 min Scan# 813  
Delta R.T. -0.018 min  
Lab File: BF140849.D  
Acq: 13 Dec 2024 17:28

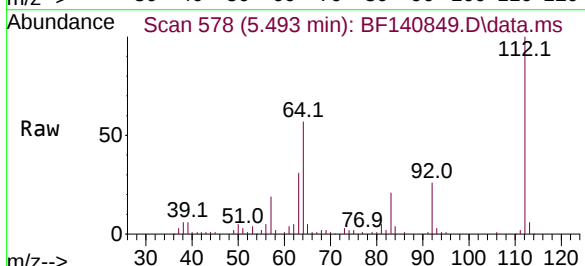
Instrument :  
BNA\_F  
ClientSampleId :  
MW12-20241212



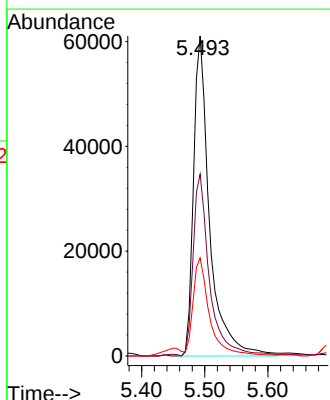
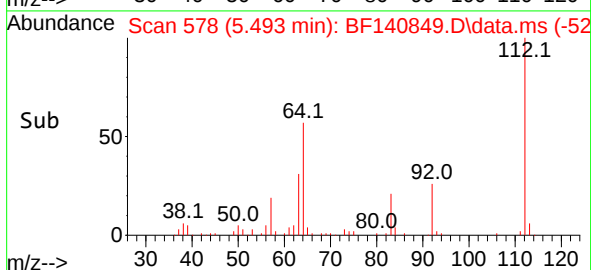
Tgt Ion:152 Resp: 28219  
Ion Ratio Lower Upper  
152 100  
150 156.6 128.5 192.7  
115 60.9 50.2 75.4

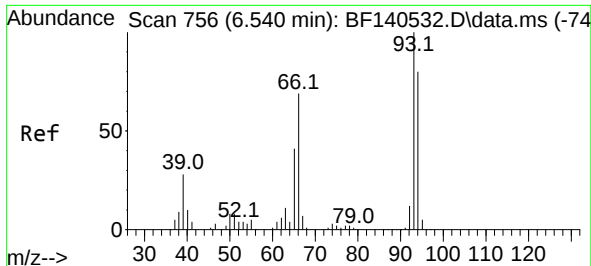


#5  
2-Fluorophenol  
Concen: 65.329 ng  
RT: 5.493 min Scan# 578  
Delta R.T. -0.006 min  
Lab File: BF140849.D  
Acq: 13 Dec 2024 17:28



Tgt Ion:112 Resp: 108047  
Ion Ratio Lower Upper  
112 100  
64 56.8 49.2 73.8  
63 30.6 27.0 40.4





#6

Aniline

Concen: 3.326 ng

RT: 6.540 min Scan# 751

Delta R.T. 0.000 min

Lab File: BF140849.D

Acq: 13 Dec 2024 17:28

Instrument :

BNA\_F

ClientSampleId :

MW12-20241212

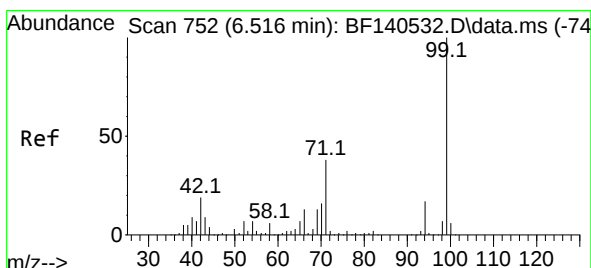
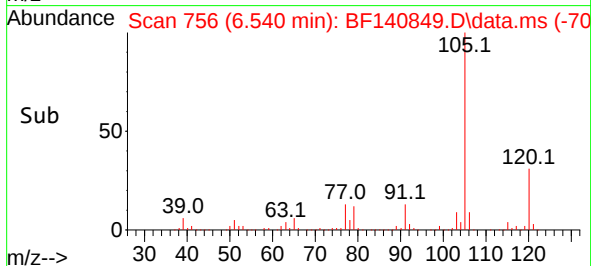
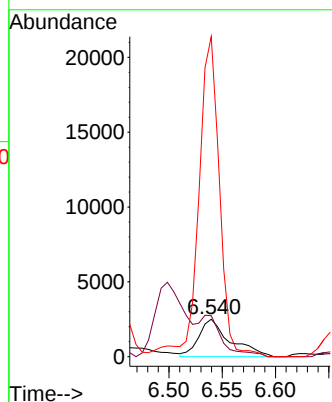
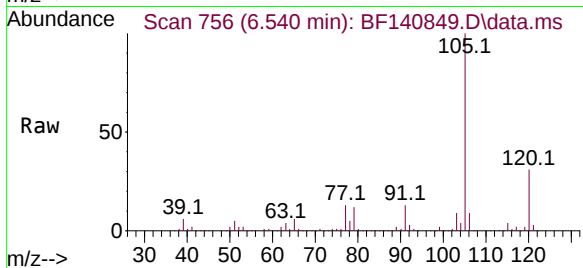
Tgt Ion: 93 Resp: 5119

Ion Ratio Lower Upper

93 100

66 109.3 56.5 84.7#

65 853.0 32.9 49.3#



#7

Phenol-d6

Concen: 38.934 ng

RT: 6.510 min Scan# 751

Delta R.T. -0.006 min

Lab File: BF140849.D

Acq: 13 Dec 2024 17:28

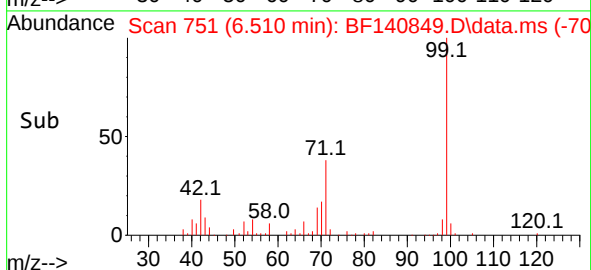
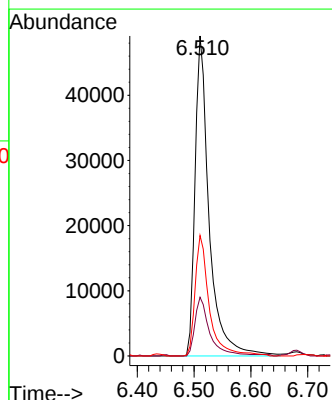
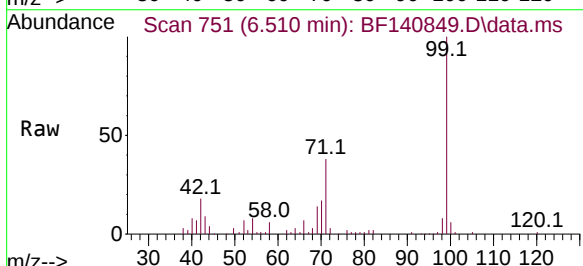
Tgt Ion: 99 Resp: 85129

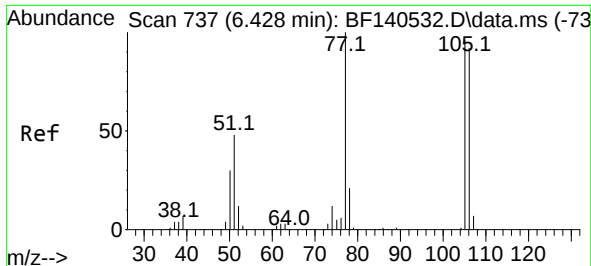
Ion Ratio Lower Upper

99 100

42 18.3 15.4 23.0

71 37.7 30.6 46.0





#9

Benzaldehyde

Concen: 14.210 ng

RT: 6.410 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF140849.D

Acq: 13 Dec 2024 17:28

Instrument :

BNA\_F

ClientSampleId :

MW12-20241212

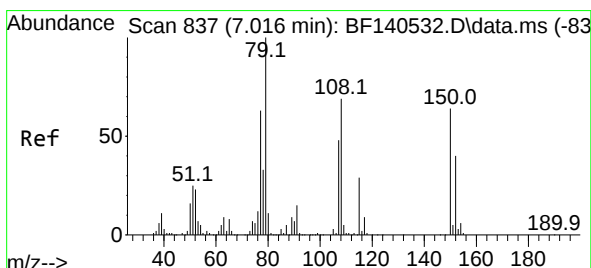
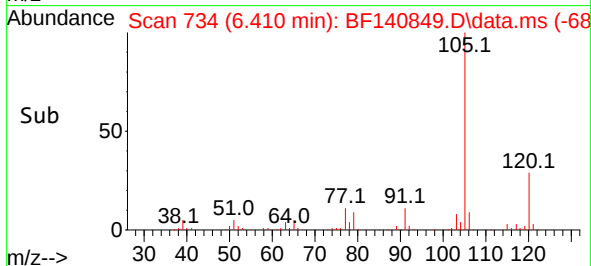
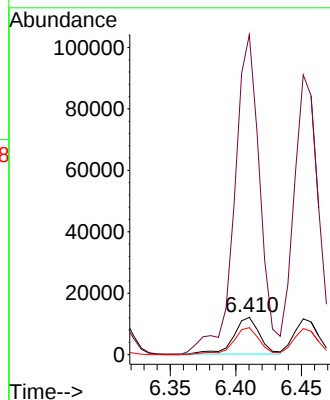
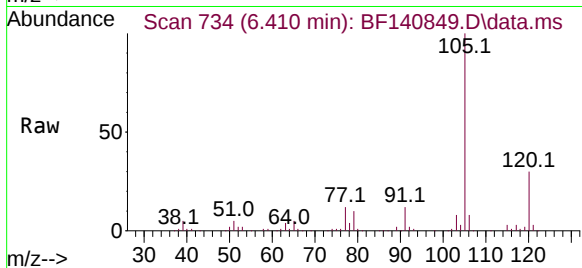
Tgt Ion: 77 Resp: 16448

Ion Ratio Lower Upper

77 100

105 856.6 75.6 115.6#

106 72.3 72.0 112.0



#15

Benzyl Alcohol

Concen: 3.565 ng

RT: 7.040 min Scan# 841

Delta R.T. 0.024 min

Lab File: BF140849.D

Acq: 13 Dec 2024 17:28

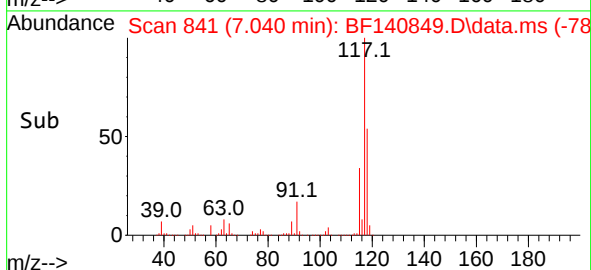
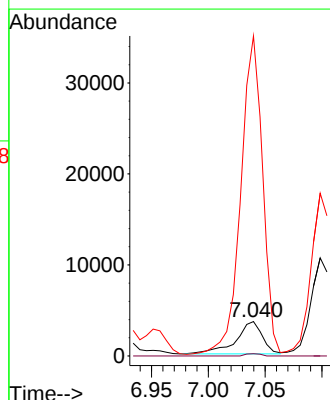
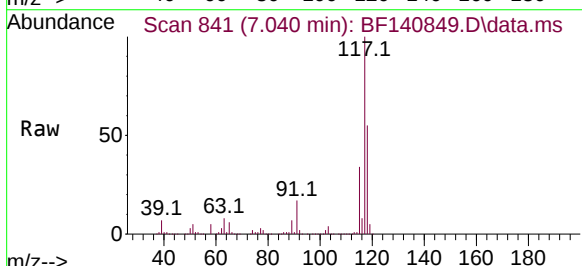
Tgt Ion: 79 Resp: 5780

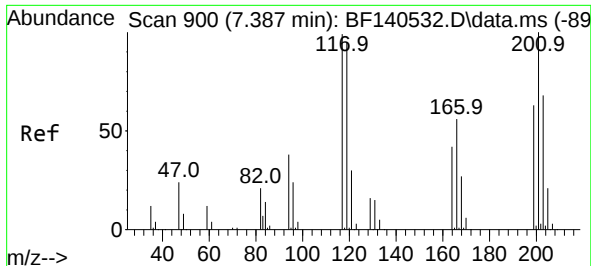
Ion Ratio Lower Upper

79 100

108 6.4 55.0 82.6#

77 929.7 50.1 75.1#

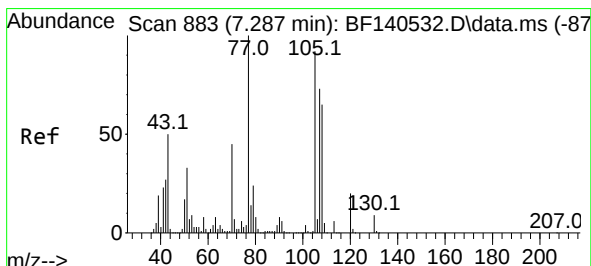
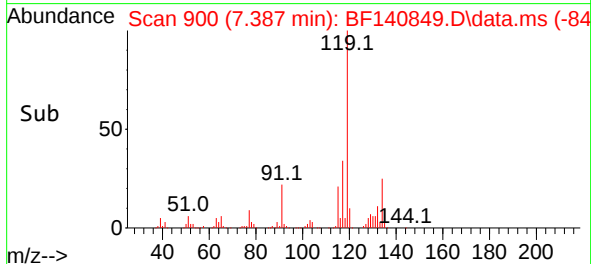
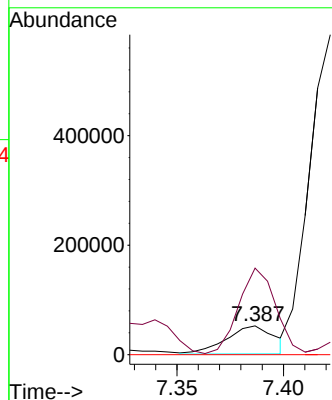
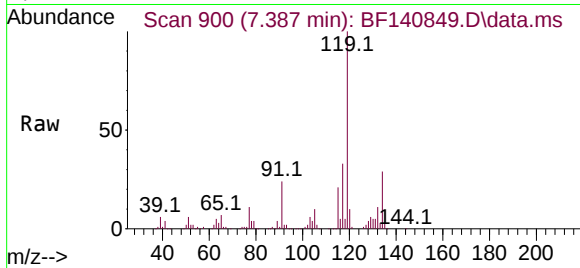




#18  
Hexachloroethane  
Concen: 106.304 ng  
RT: 7.387 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: BF140849.D  
Acq: 13 Dec 2024 17:28

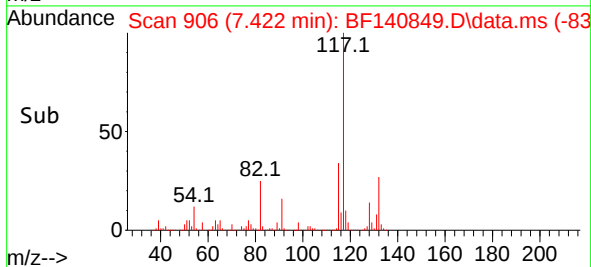
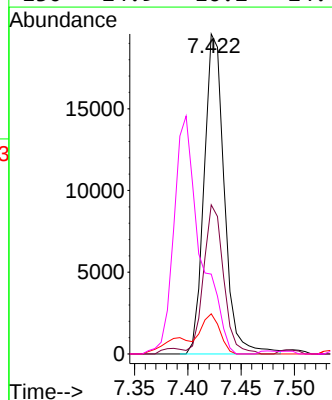
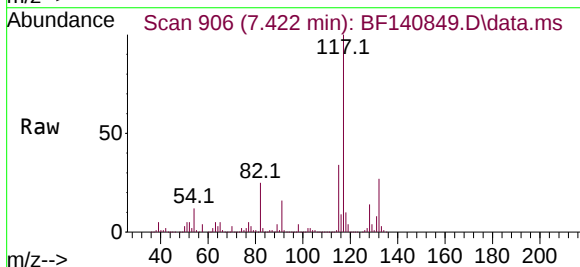
Instrument :  
BNA\_F  
ClientSampleId :  
MW12-20241212

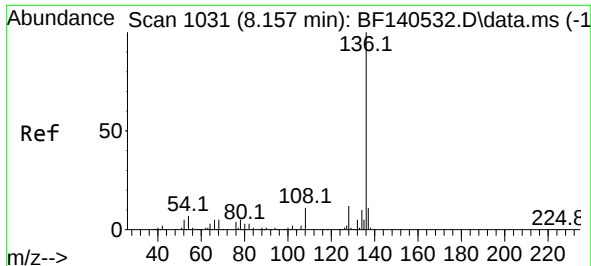
Tgt Ion:117 Resp: 80376  
Ion Ratio Lower Upper  
117 100  
119 300.0 77.1 115.7#  
201 0.0 81.1 121.7#



#19  
n-Nitroso-di-n-propylamine  
Concen: 20.048 ng  
RT: 7.422 min Scan# 906  
Delta R.T. 0.135 min  
Lab File: BF140849.D  
Acq: 13 Dec 2024 17:28

Tgt Ion: 70 Resp: 25906  
Ion Ratio Lower Upper  
70 100  
42 46.6 47.6 71.4#  
101 12.6 7.6 11.4#  
130 24.9 16.2 24.4#

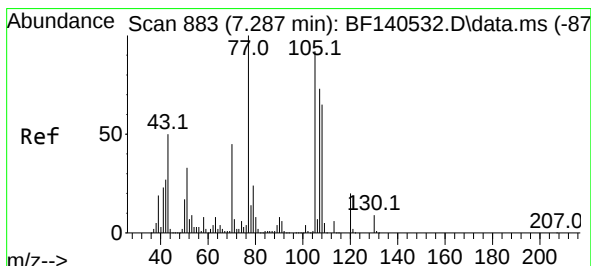
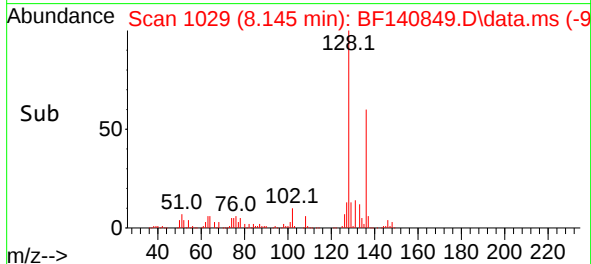
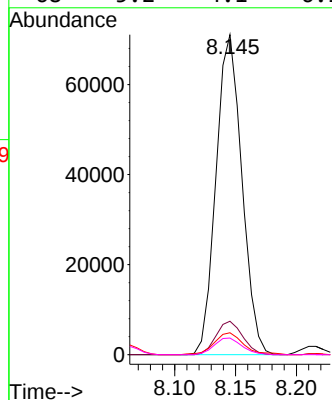
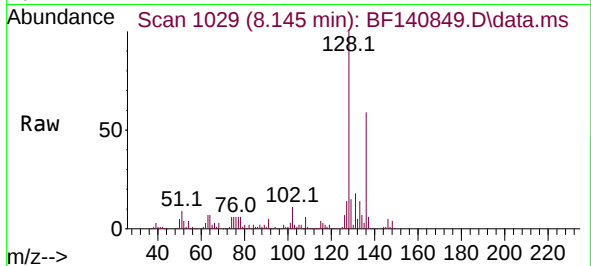




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.145 min Scan# 1031  
Delta R.T. -0.012 min  
Lab File: BF140849.D  
Acq: 13 Dec 2024 17:28

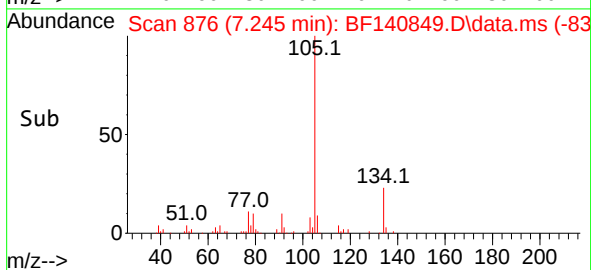
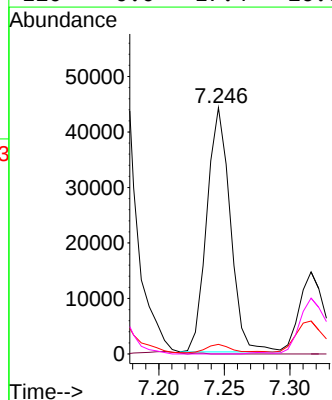
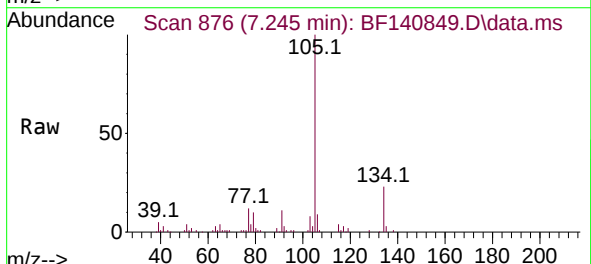
Instrument :  
BNA\_F  
ClientSampleId :  
MW12-20241212

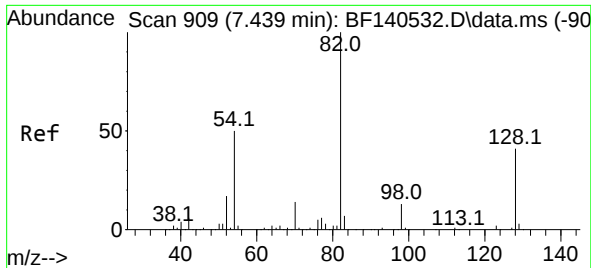
|             |               |
|-------------|---------------|
| Tgt Ion:136 | Resp: 105003  |
| Ion Ratio   | Lower Upper   |
| 136         | 100           |
| 137         | 10.5 8.6 13.0 |
| 54          | 6.8 5.8 8.8   |
| 68          | 5.2 4.1 6.1   |



#22  
Acetophenone  
Concen: 21.409 ng  
RT: 7.245 min Scan# 876  
Delta R.T. -0.041 min  
Lab File: BF140849.D  
Acq: 13 Dec 2024 17:28

|             |                |
|-------------|----------------|
| Tgt Ion:105 | Resp: 54806    |
| Ion Ratio   | Lower Upper    |
| 105         | 100            |
| 71          | 0.0 6.2 9.2#   |
| 51          | 3.9 29.0 43.6# |
| 120         | 0.0 17.4 26.0# |





#23

Nitrobenzene-d5

Concen: 94.040 ng

RT: 7.422 min Scan# 906

Delta R.T. -0.018 min

Lab File: BF140849.D

Acq: 13 Dec 2024 17:28

Instrument :

BNA\_F

ClientSampleId :

MW12-20241212

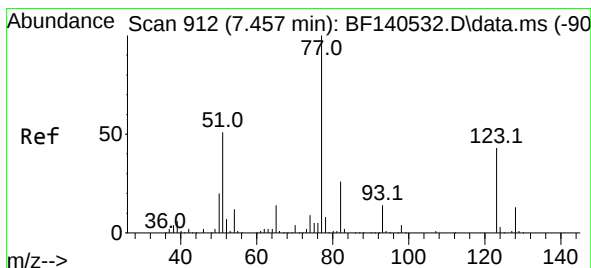
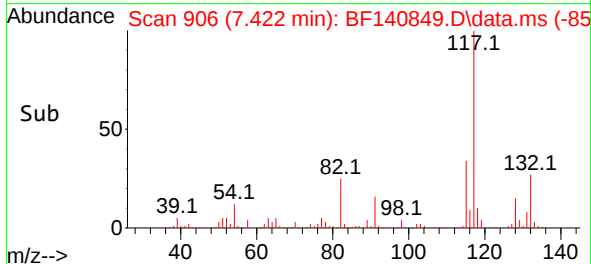
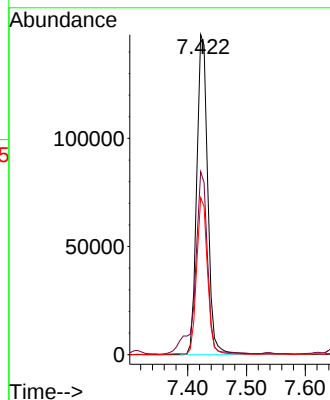
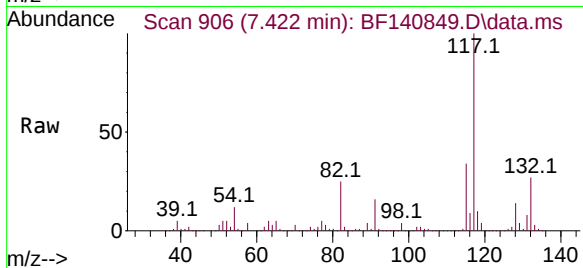
Tgt Ion: 82 Resp: 193049

Ion Ratio Lower Upper

82 100

128 57.2 33.0 49.4#

54 49.0 39.5 59.3



#24

Nitrobenzene

Concen: 18.106 ng

RT: 7.422 min Scan# 906

Delta R.T. -0.035 min

Lab File: BF140849.D

Acq: 13 Dec 2024 17:28

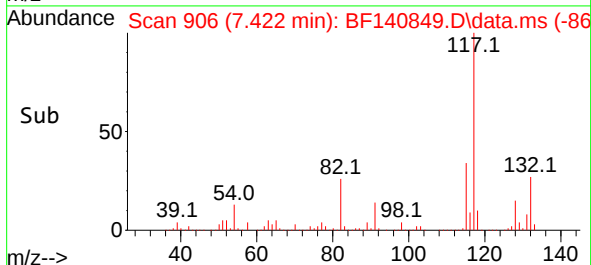
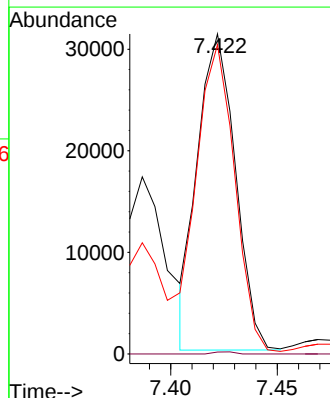
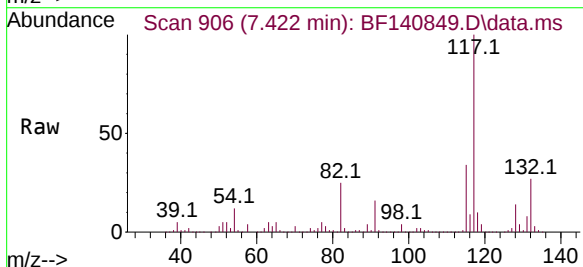
Tgt Ion: 77 Resp: 38414

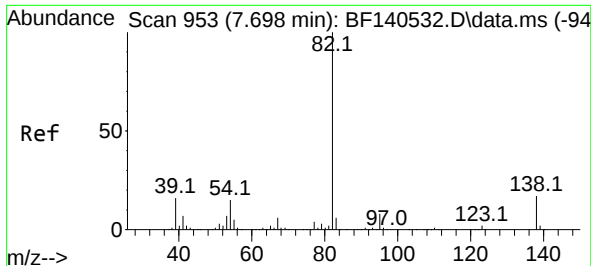
Ion Ratio Lower Upper

77 100

123 0.6 34.3 51.5#

65 96.7 11.2 16.8#

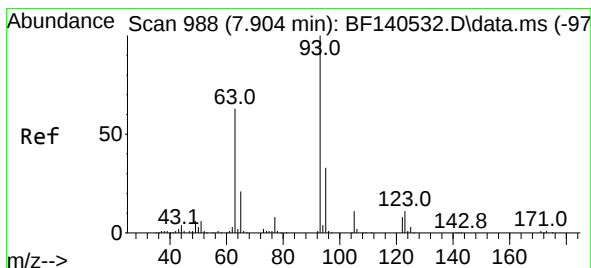
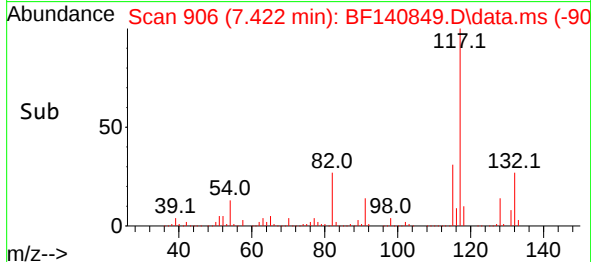
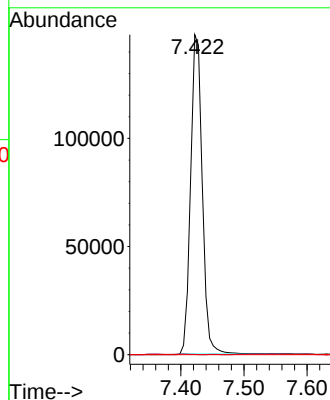
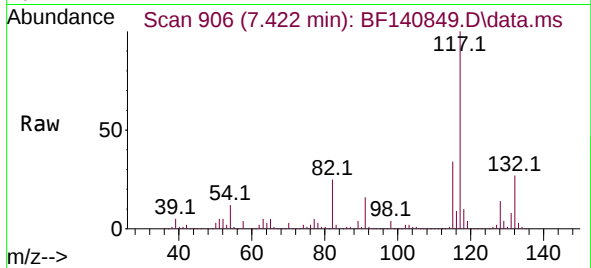




#25  
Isophorone  
Concen: 55.480 ng  
RT: 7.422 min Scan# 90  
Delta R.T. -0.276 min  
Lab File: BF140849.D  
Acq: 13 Dec 2024 17:28

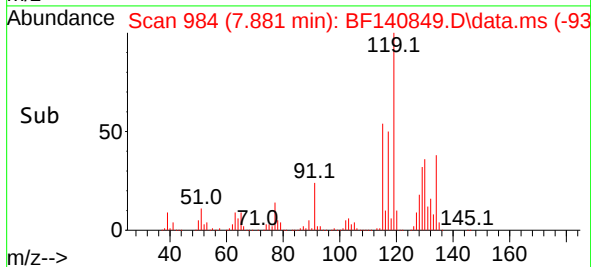
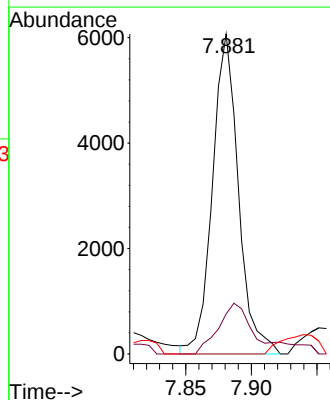
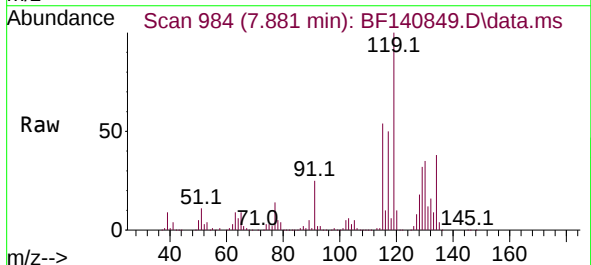
Instrument :  
BNA\_F  
ClientSampleId :  
MW12-20241212

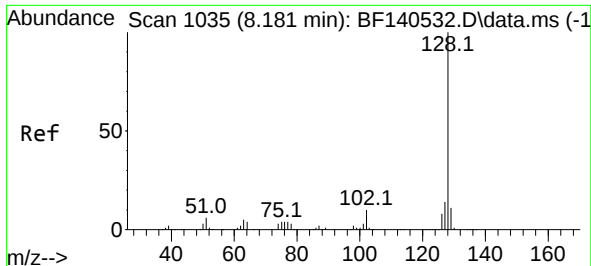
Tgt Ion: 82 Resp: 189963  
Ion Ratio Lower Upper  
82 100  
95 0.1 6.4 9.6#  
138 0.0 13.8 20.6#



#28  
bis(2-Chloroethoxy)methane  
Concen: 4.002 ng  
RT: 7.881 min Scan# 984  
Delta R.T. -0.023 min  
Lab File: BF140849.D  
Acq: 13 Dec 2024 17:28

Tgt Ion: 93 Resp: 8348  
Ion Ratio Lower Upper  
93 100  
95 12.5 26.1 39.1#  
123 0.0 9.1 13.7#

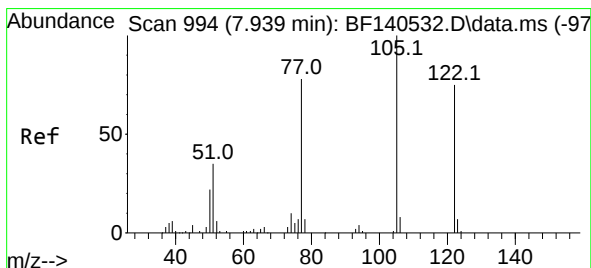
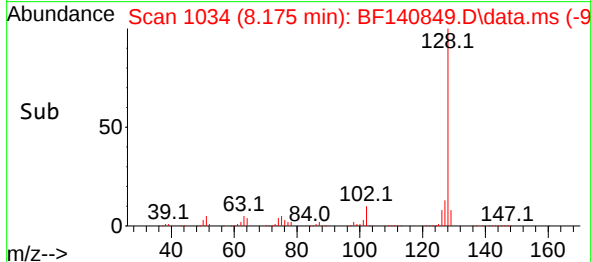
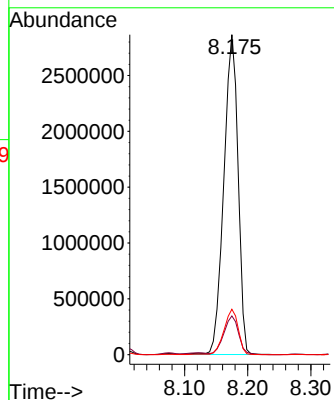
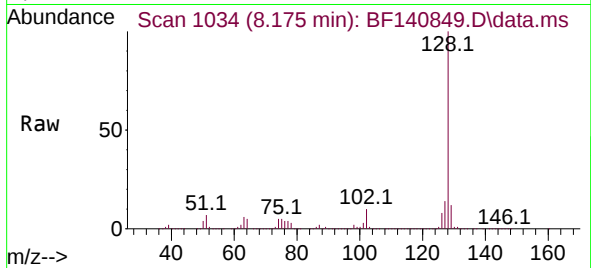




#31  
Naphthalene  
Concen: 830.900 ng  
RT: 8.175 min Scan# 1034  
Delta R.T. -0.006 min  
Lab File: BF140849.D  
Acq: 13 Dec 2024 17:28

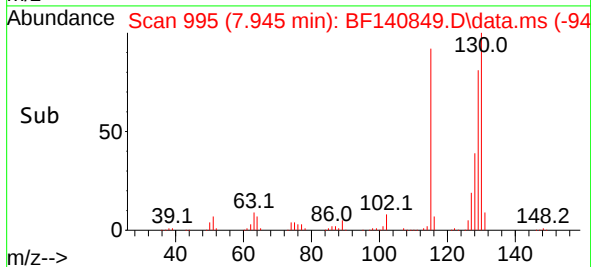
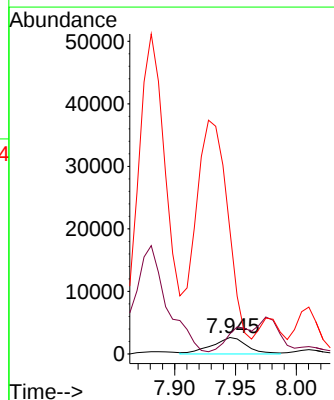
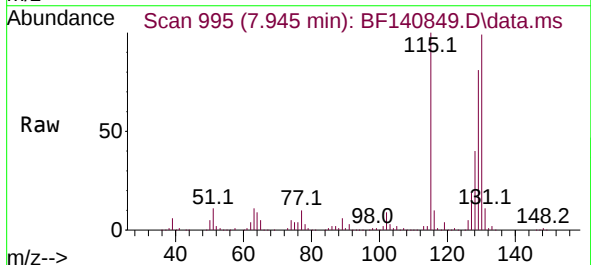
Instrument :  
BNA\_F  
ClientSampleId :  
MW12-20241212

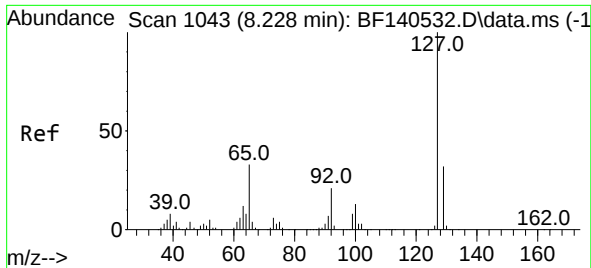
Tgt Ion:128 Resp: 4493988  
Ion Ratio Lower Upper  
128 100  
129 12.1 8.6 13.0  
127 14.2 10.8 16.2



#32  
Benzoic acid  
Concen: 11.786 ng  
RT: 7.945 min Scan# 995  
Delta R.T. 0.006 min  
Lab File: BF140849.D  
Acq: 13 Dec 2024 17:28

Tgt Ion:122 Resp: 5290  
Ion Ratio Lower Upper  
122 100  
105 122.6 109.3 149.3  
77 749.5 82.3 122.3#





#33

4-Chloroaniline

Concen: 394.079 ng

RT: 8.175 min Scan# 1

Delta R.T. -0.053 min

Lab File: BF140849.D

Acq: 13 Dec 2024 17:28

Instrument :

BNA\_F

ClientSampleId :

MW12-20241212

Tgt Ion:127 Resp: 638153

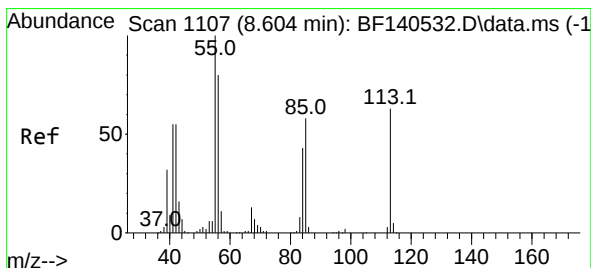
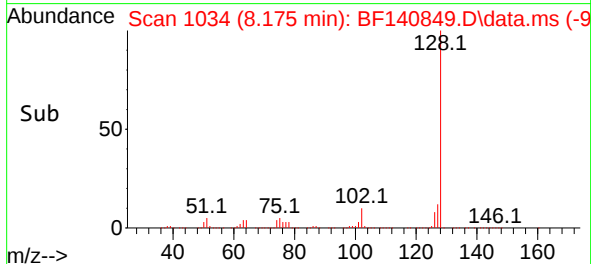
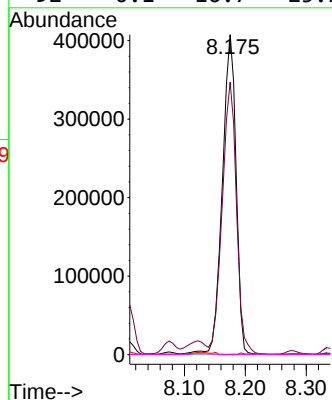
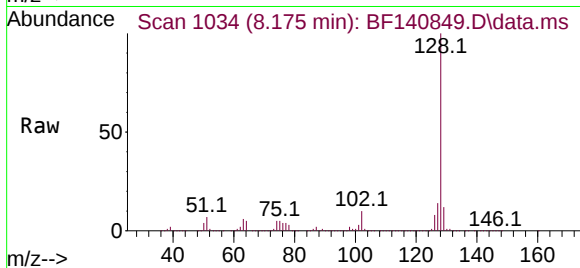
Ion Ratio Lower Upper

127 100

129 85.1 26.0 39.0#

65 0.0 26.0 39.0#

92 0.1 16.7 25.1#



#35

Caprolactam

Concen: 4.964 ng

RT: 8.598 min Scan# 1106

Delta R.T. -0.006 min

Lab File: BF140849.D

Acq: 13 Dec 2024 17:28

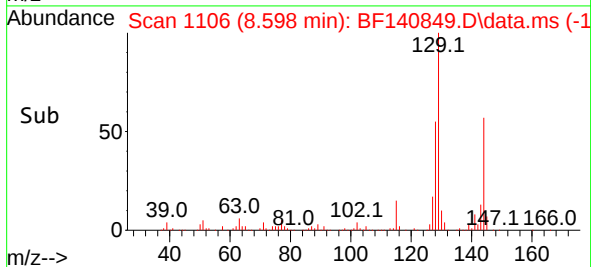
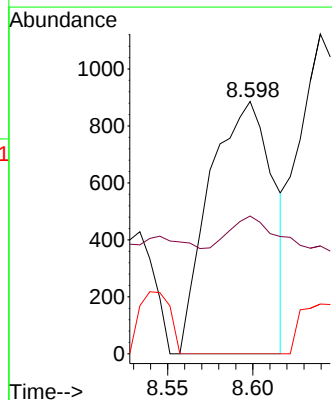
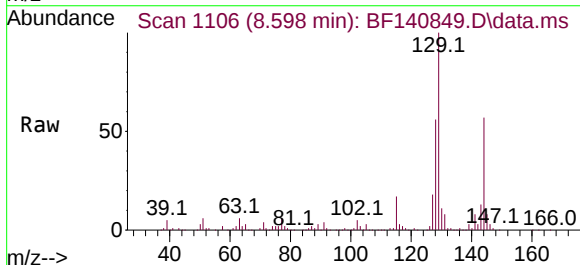
Tgt Ion:113 Resp: 2290

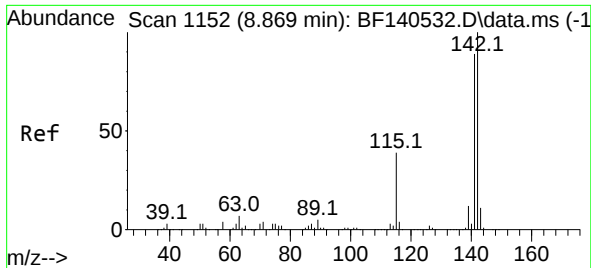
Ion Ratio Lower Upper

113 100

55 54.6 137.7 177.7#

56 0.0 106.4 146.4#





#37

2-Methylnaphthalene

Concen: 177.300 ng

RT: 8.857 min Scan# 1152

Delta R.T. -0.012 min

Lab File: BF140849.D

Acq: 13 Dec 2024 17:28

Instrument :

BNA\_F

ClientSampleId :

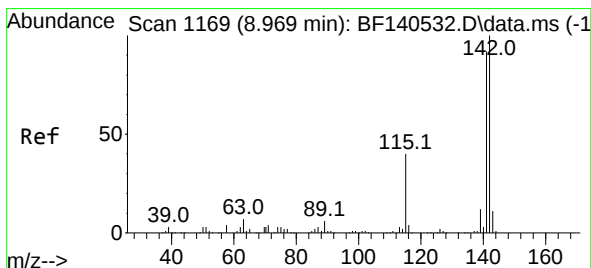
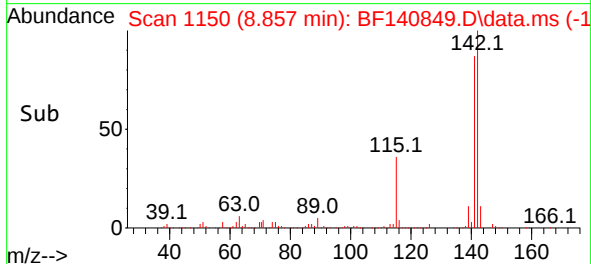
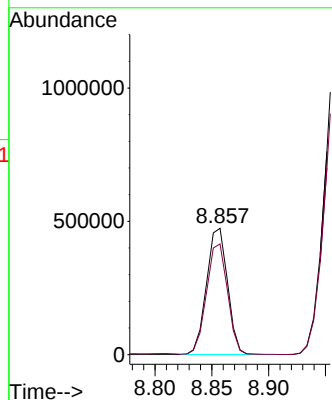
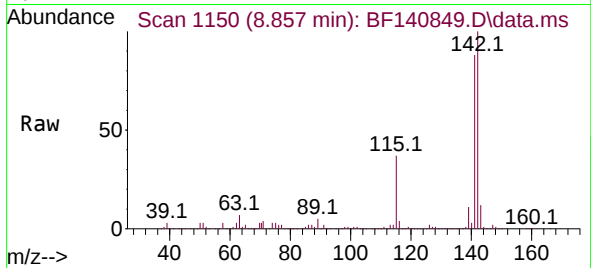
MW12-20241212

Tgt Ion:142 Resp: 609078

Ion Ratio Lower Upper

142 100

141 87.6 71.0 106.6



#38

1-Methylnaphthalene

Concen: 599.812 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140849.D

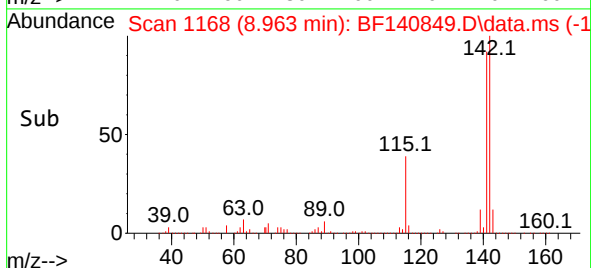
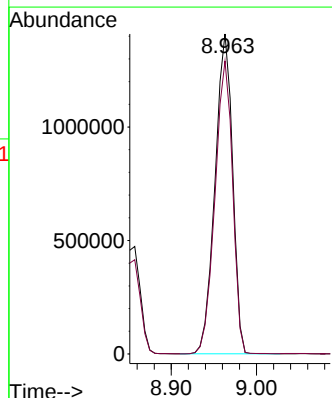
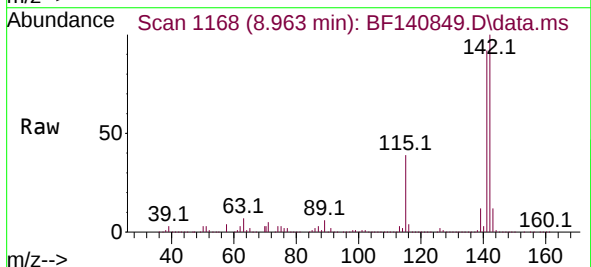
Acq: 13 Dec 2024 17:28

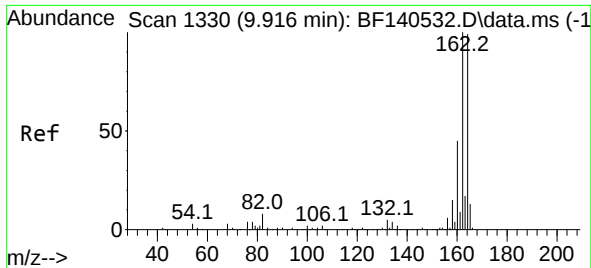
Tgt Ion:142 Resp: 2019737

Ion Ratio Lower Upper

142 100

141 91.5 73.3 109.9

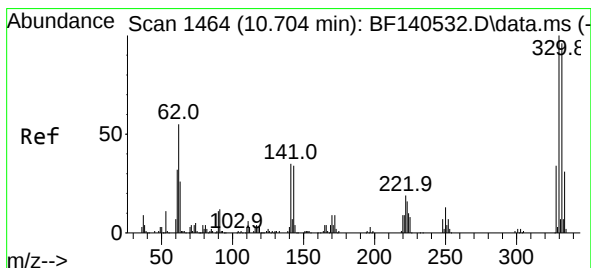
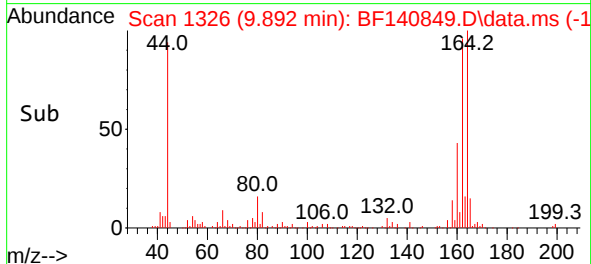
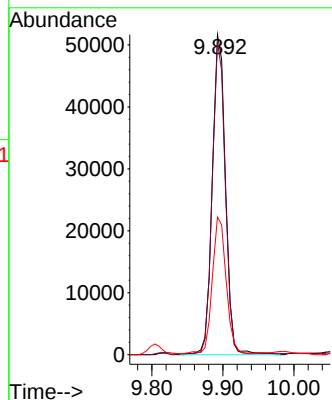
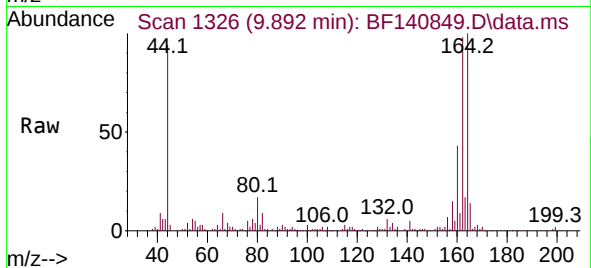




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.892 min Scan# 1  
Delta R.T. -0.023 min  
Lab File: BF140849.D  
Acq: 13 Dec 2024 17:28

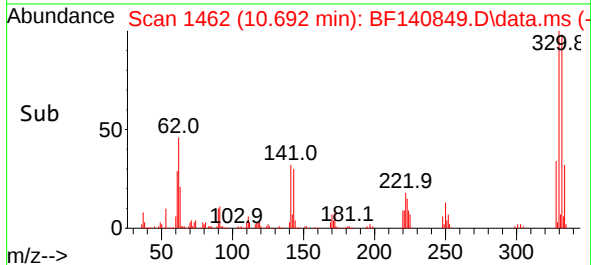
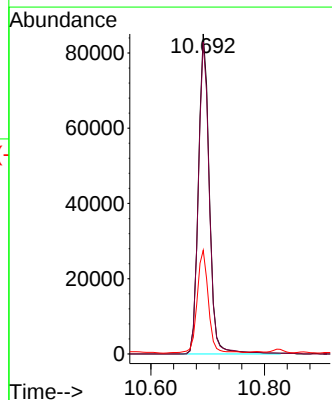
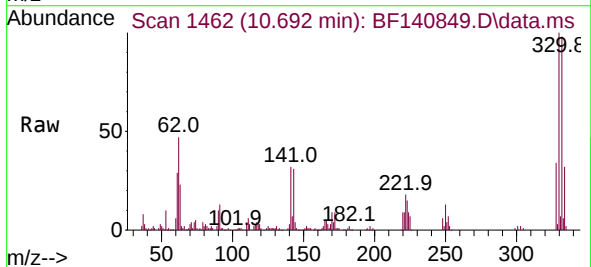
Instrument :  
BNA\_F  
ClientSampleId :  
MW12-20241212

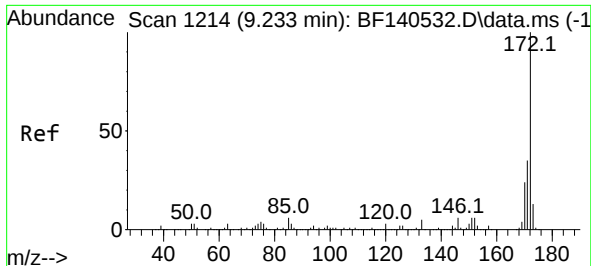
Tgt Ion:164 Resp: 66739  
Ion Ratio Lower Upper  
164 100  
162 97.6 80.6 120.8  
160 43.0 36.2 54.4



#42  
2,4,6-Tribromophenol  
Concen: 159.974 ng  
RT: 10.692 min Scan# 1462  
Delta R.T. -0.012 min  
Lab File: BF140849.D  
Acq: 13 Dec 2024 17:28

Tgt Ion:330 Resp: 114186  
Ion Ratio Lower Upper  
330 100  
332 98.2 76.9 115.3  
141 33.4 26.7 40.1





#45

2-Fluorobiphenyl

Concen: 97.042 ng

RT: 9.210 min Scan# 11

Delta R.T. -0.023 min

Lab File: BF140849.D

Acq: 13 Dec 2024 17:28

Instrument :

BNA\_F

ClientSampleId :

MW12-20241212

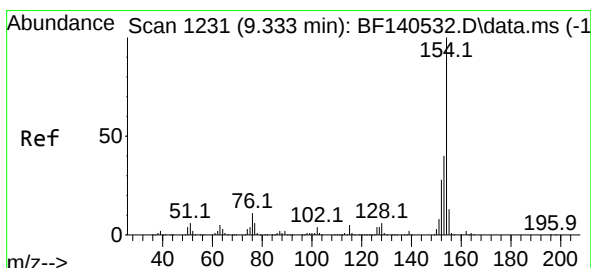
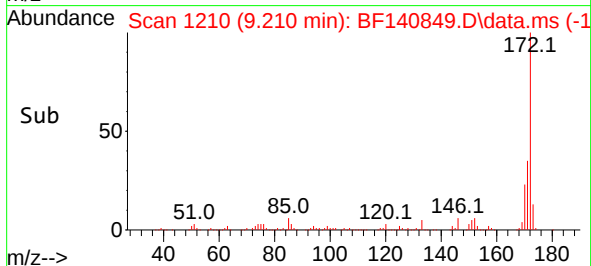
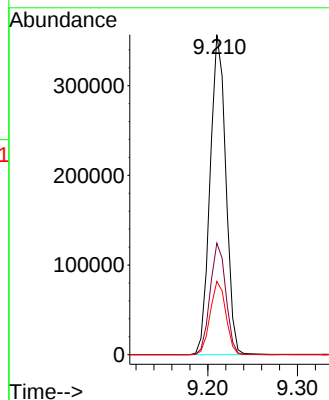
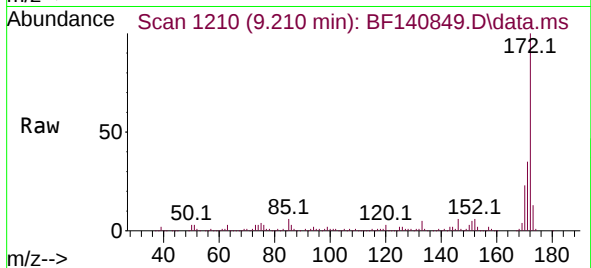
Tgt Ion:172 Resp: 434679

Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 22.9 19.0 28.6



#46

1,1'-Biphenyl

Concen: 61.637 ng

RT: 9.316 min Scan# 1228

Delta R.T. -0.017 min

Lab File: BF140849.D

Acq: 13 Dec 2024 17:28

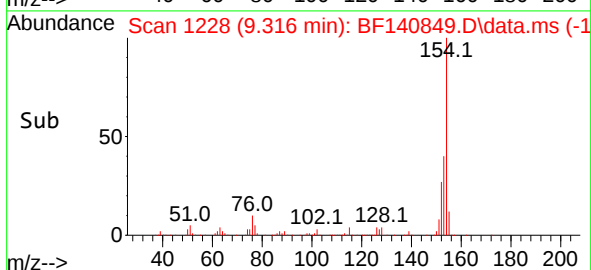
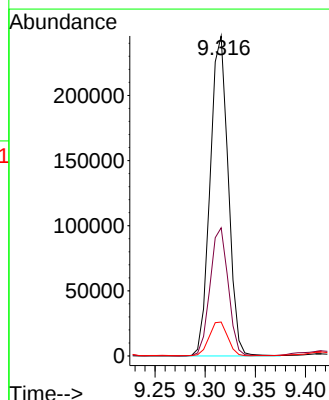
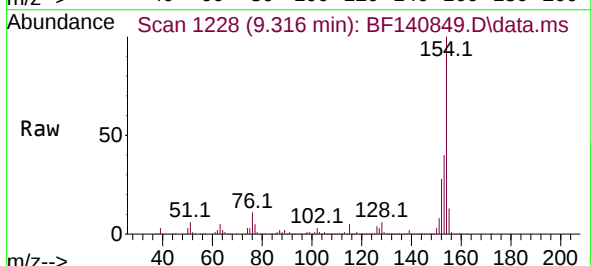
Tgt Ion:154 Resp: 307123

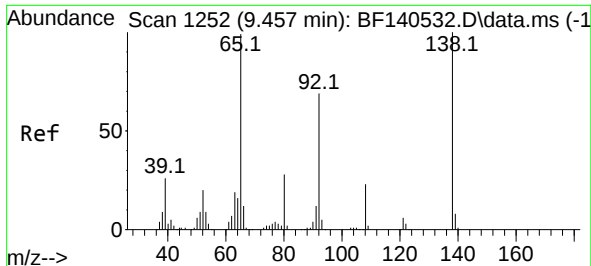
Ion Ratio Lower Upper

154 100

153 40.1 20.4 60.4

76 10.6 0.0 31.2

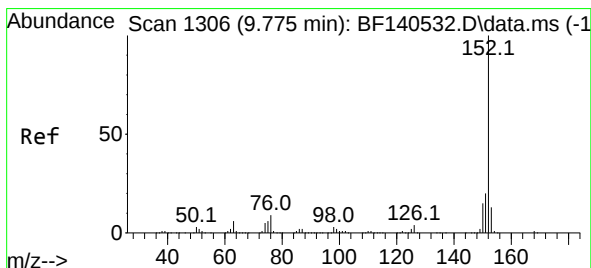
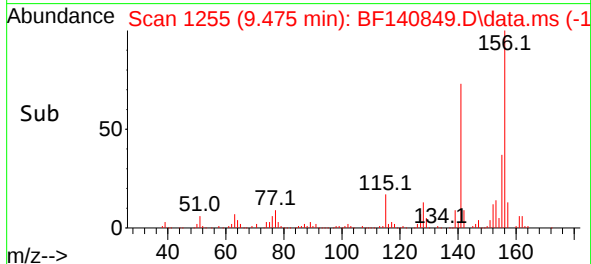
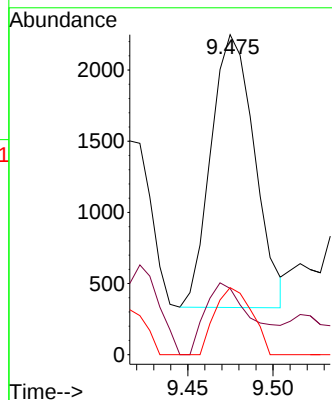
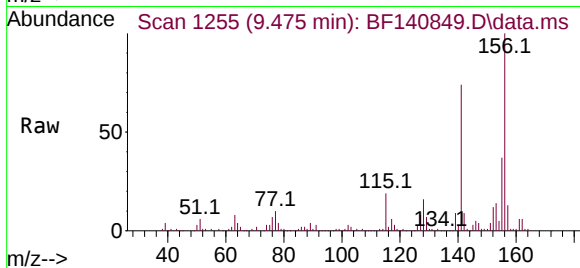




#48  
2-Nitroaniline  
Concen: 2.811 ng  
RT: 9.475 min Scan# 11  
Delta R.T. 0.018 min  
Lab File: BF140849.D  
Acq: 13 Dec 2024 17:28

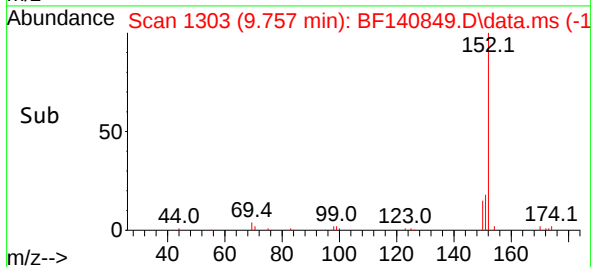
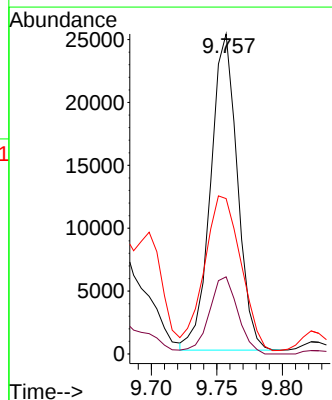
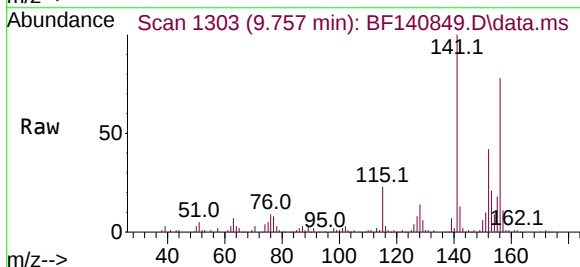
Instrument :  
BNA\_F  
ClientSampleId :  
MW12-20241212

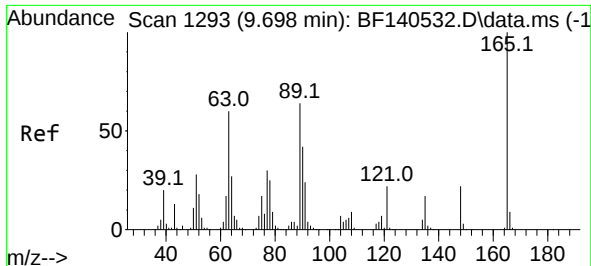
Tgt Ion: 65 Resp: 3407  
Ion Ratio Lower Upper  
65 100  
92 20.7 56.1 84.1#  
138 21.0 81.0 121.6#



#49  
Acenaphthylene  
Concen: 6.248 ng  
RT: 9.757 min Scan# 1303  
Delta R.T. -0.018 min  
Lab File: BF140849.D  
Acq: 13 Dec 2024 17:28

Tgt Ion: 152 Resp: 35645  
Ion Ratio Lower Upper  
152 100  
151 24.1 15.9 23.9#  
153 48.6 10.6 16.0#

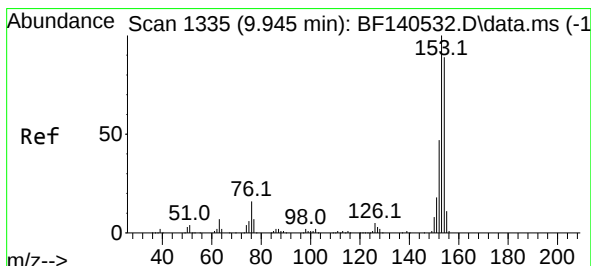
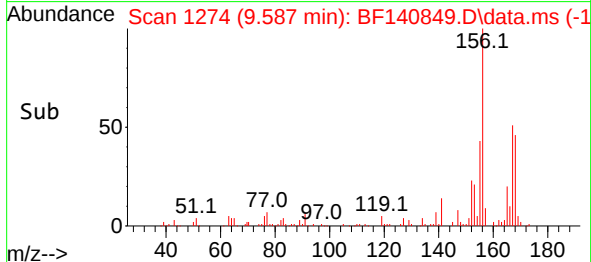
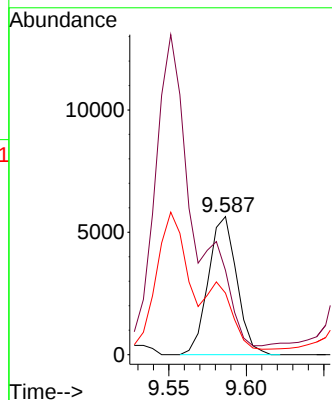
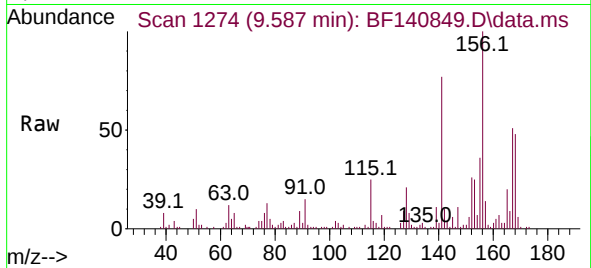




#51  
2,6-Dinitrotoluene  
Concen: 7.209 ng  
RT: 9.587 min Scan# 11  
Delta R.T. -0.112 min  
Lab File: BF140849.D  
Acq: 13 Dec 2024 17:28

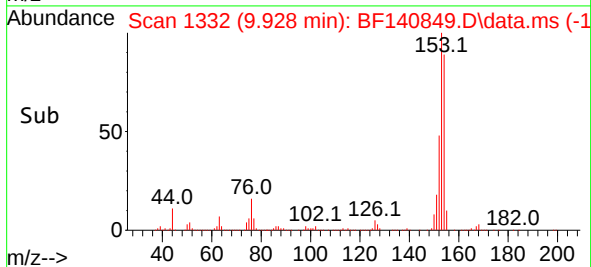
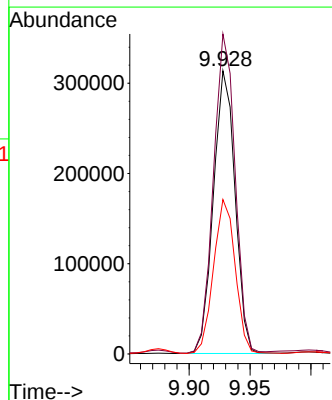
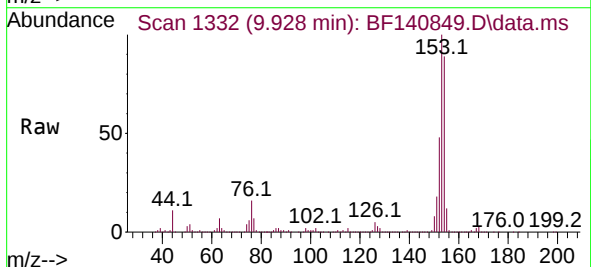
Instrument :  
BNA\_F  
ClientSampleId :  
MW12-20241212

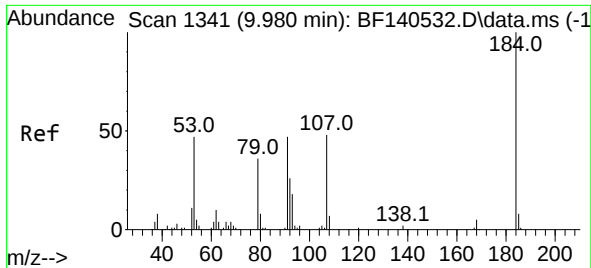
Tgt Ion:165 Resp: 7186  
Ion Ratio Lower Upper  
165 100  
63 61.0 49.9 74.9  
89 44.7 50.9 76.3#



#52  
Acenaphthene  
Concen: 107.048 ng  
RT: 9.928 min Scan# 1332  
Delta R.T. -0.018 min  
Lab File: BF140849.D  
Acq: 13 Dec 2024 17:28

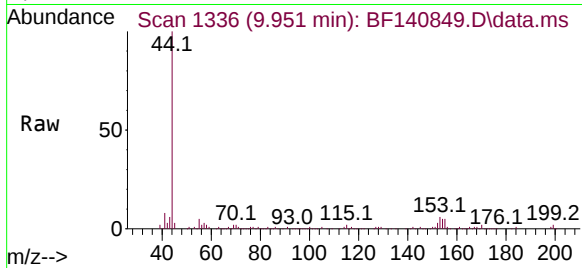
Tgt Ion:154 Resp: 388013  
Ion Ratio Lower Upper  
154 100  
153 113.0 89.7 134.5  
152 54.5 42.5 63.7



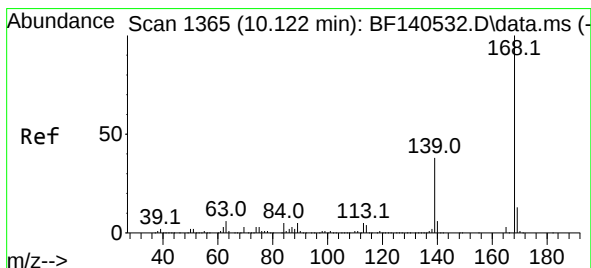
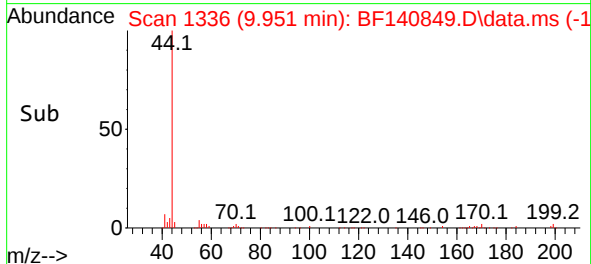
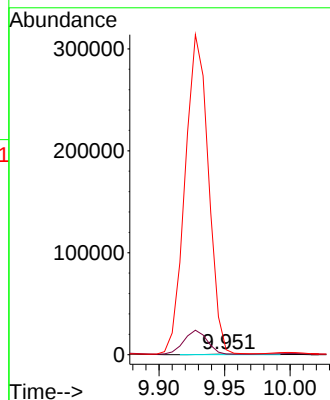


#54  
2,4-Dinitrophenol  
Concen: 10.233 ng  
RT: 9.951 min Scan# 1336  
Delta R.T. -0.029 min  
Lab File: BF140849.D  
Acq: 13 Dec 2024 17:28

Instrument :  
BNA\_F  
ClientSampleId :  
MW12-20241212

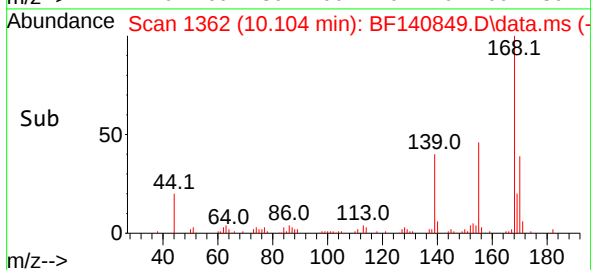
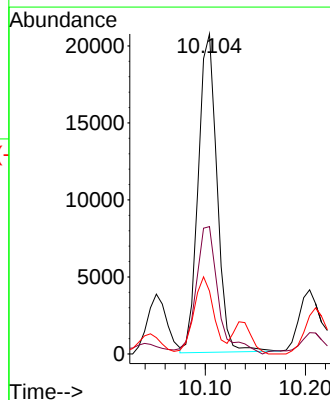
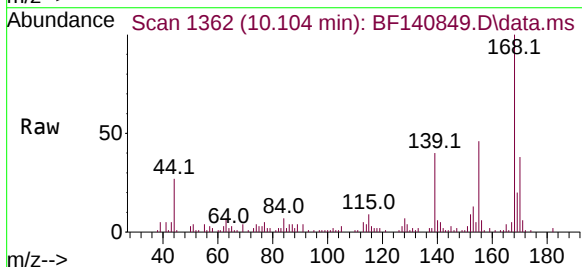


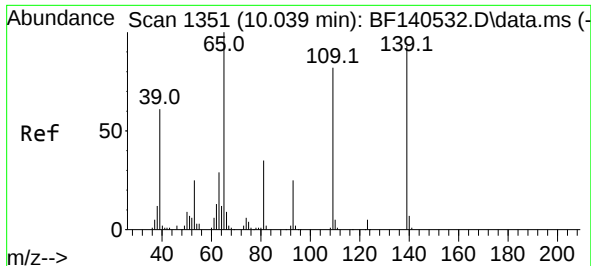
Tgt Ion:184 Resp: 1379  
Ion Ratio Lower Upper  
184 100  
63 118.3 54.1 81.1#  
154 877.4 57.4 86.0#



#55  
Dibenzofuran  
Concen: 4.868 ng  
RT: 10.104 min Scan# 1362  
Delta R.T. -0.018 min  
Lab File: BF140849.D  
Acq: 13 Dec 2024 17:28

Tgt Ion:168 Resp: 26915  
Ion Ratio Lower Upper  
168 100  
139 39.8 31.3 46.9  
169 19.7 10.5 15.7#

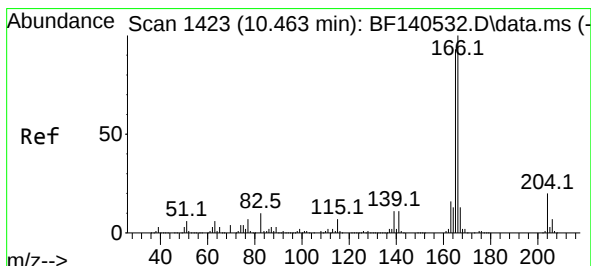
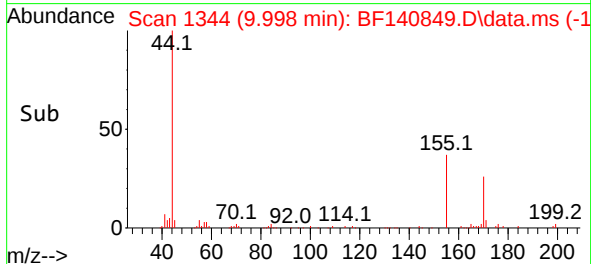
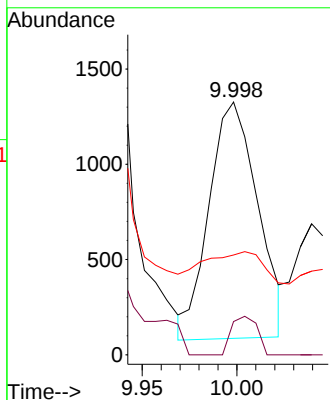
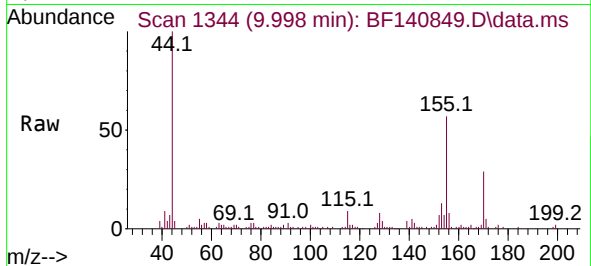




#56  
4-Nitrophenol  
Concen: 3.337 ng  
RT: 9.998 min Scan# 11  
Delta R.T. -0.041 min  
Lab File: BF140849.D  
Acq: 13 Dec 2024 17:28

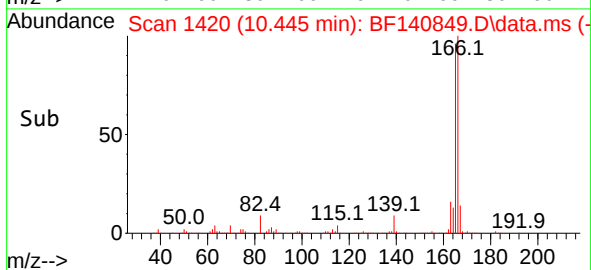
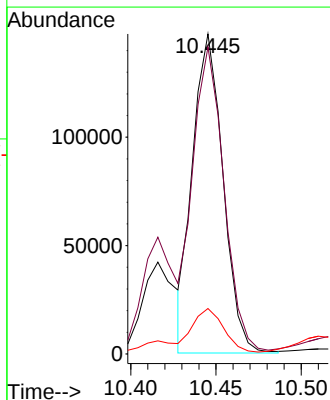
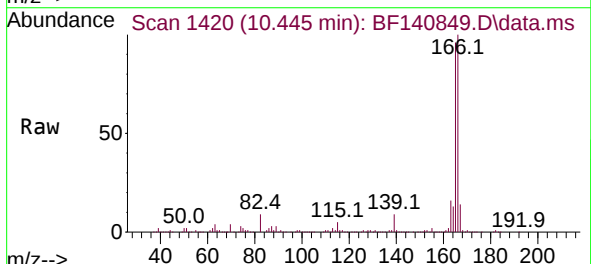
Instrument :  
BNA\_F  
ClientSampleId :  
MW12-20241212

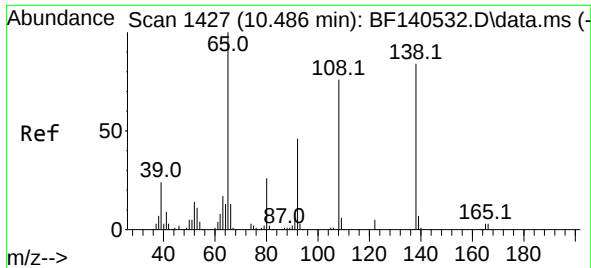
Tgt Ion:139 Resp: 2219  
Ion Ratio Lower Upper  
139 100  
109 13.1 68.4 108.4#  
65 39.5 88.6 128.6#



#58  
Fluorene  
Concen: 41.273 ng  
RT: 10.445 min Scan# 1420  
Delta R.T. -0.018 min  
Lab File: BF140849.D  
Acq: 13 Dec 2024 17:28

Tgt Ion:166 Resp: 183161  
Ion Ratio Lower Upper  
166 100  
165 95.9 74.6 111.8  
167 14.2 10.6 16.0

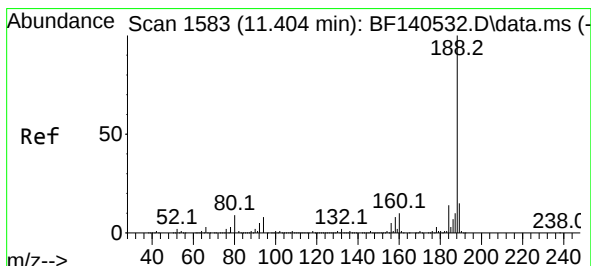
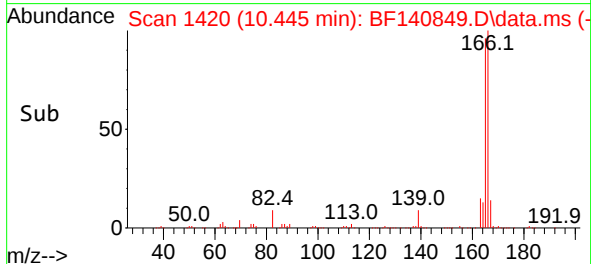
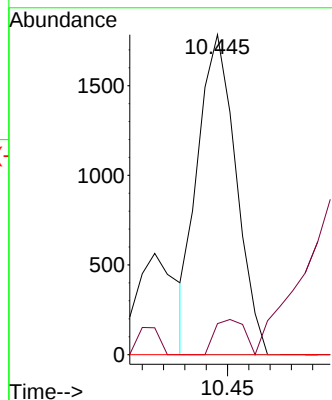
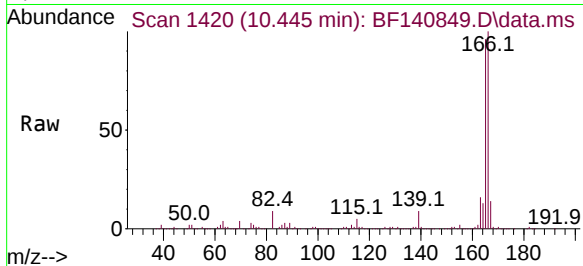




#62  
4-Nitroaniline  
Concen: 2.182 ng  
RT: 10.445 min Scan# 1427  
Delta R.T. -0.041 min  
Lab File: BF140849.D  
Acq: 13 Dec 2024 17:28

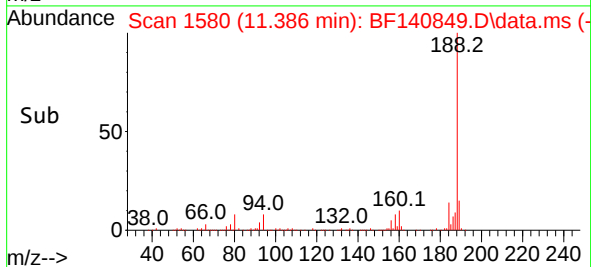
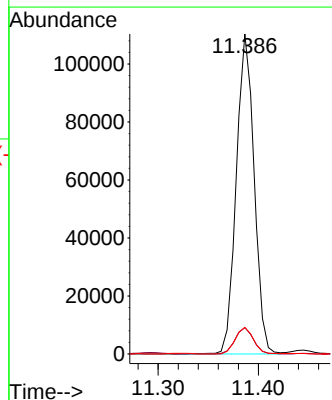
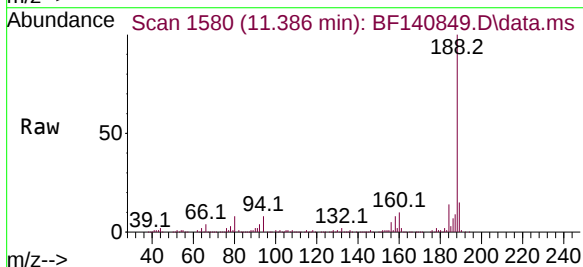
Instrument :  
BNA\_F  
ClientSampleId :  
MW12-20241212

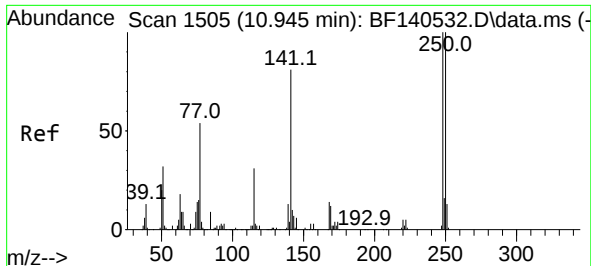
Tgt Ion:138 Resp: 2231  
Ion Ratio Lower Upper  
138 100  
92 9.7 34.5 74.5#  
108 0.0 70.6 110.6#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.386 min Scan# 1580  
Delta R.T. -0.018 min  
Lab File: BF140849.D  
Acq: 13 Dec 2024 17:28

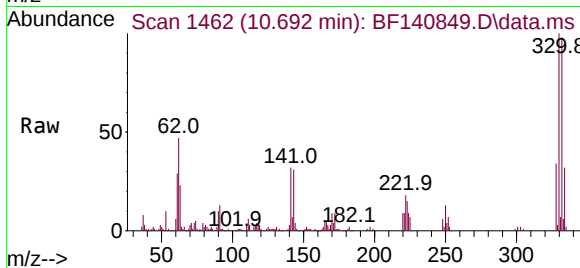
Tgt Ion:188 Resp: 136835  
Ion Ratio Lower Upper  
188 100  
94 8.3 6.4 9.6  
80 8.3 6.9 10.3



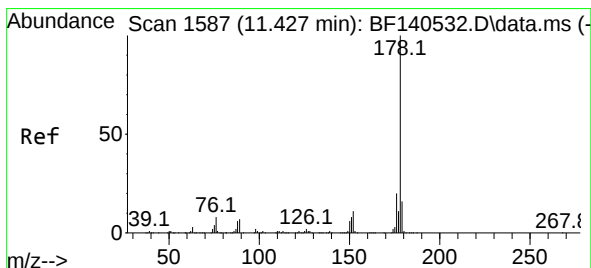
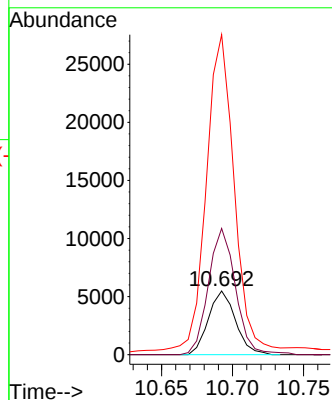
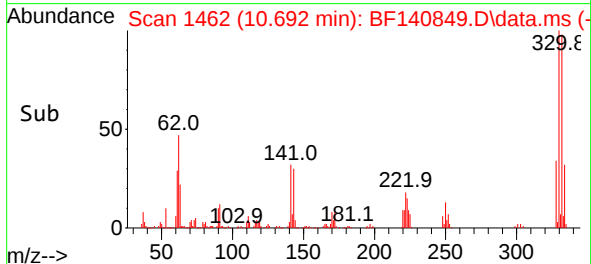


#67  
4-Bromophenyl-phenylether  
Concen: 5.161 ng  
RT: 10.692 min Scan# 1462  
Delta R.T. -0.253 min  
Lab File: BF140849.D  
Acq: 13 Dec 2024 17:28

Instrument :  
BNA\_F  
ClientSampleId :  
MW12-20241212

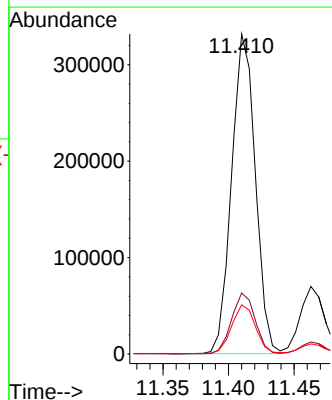
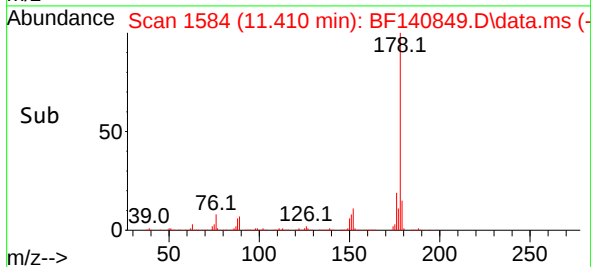
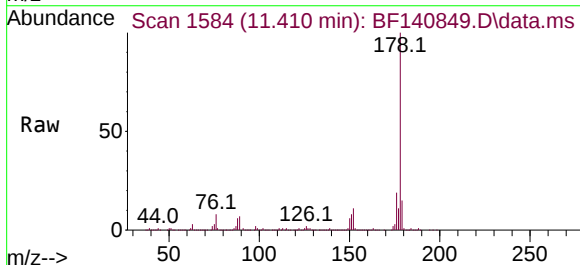


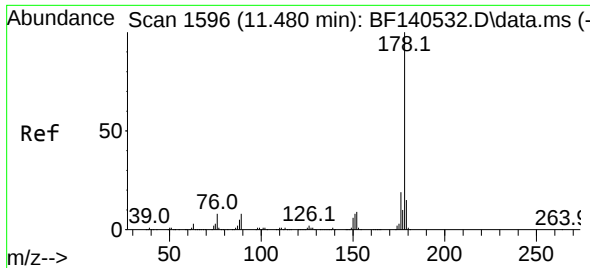
Tgt Ion:248 Resp: 7273  
Ion Ratio Lower Upper  
248 100  
250 198.1 79.8 119.8#  
141 502.1 64.7 97.1#



#71  
Phenanthrene  
Concen: 63.450 ng  
RT: 11.410 min Scan# 1584  
Delta R.T. -0.018 min  
Lab File: BF140849.D  
Acq: 13 Dec 2024 17:28

Tgt Ion:178 Resp: 417344  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.8 23.6  
179 15.4 12.4 18.6

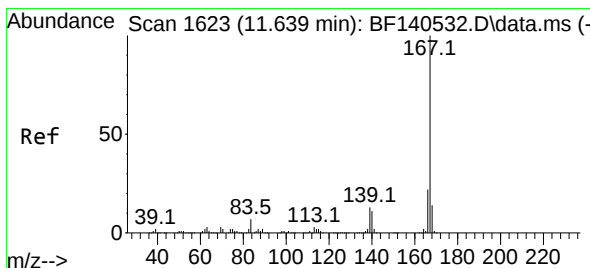
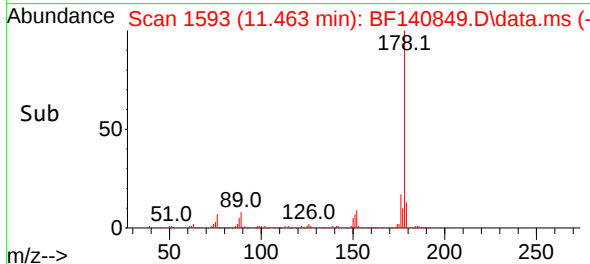
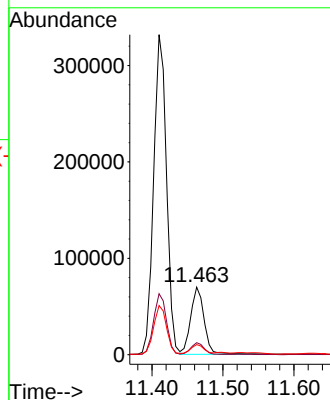
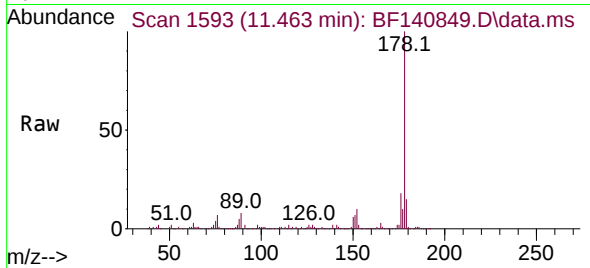




#72  
 Anthracene  
 Concen: 14.281 ng  
 RT: 11.463 min Scan# 11  
 Delta R.T. -0.018 min  
 Lab File: BF140849.D  
 Acq: 13 Dec 2024 17:28

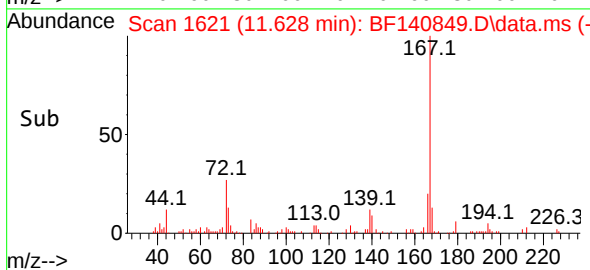
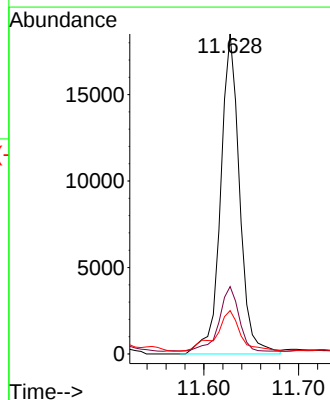
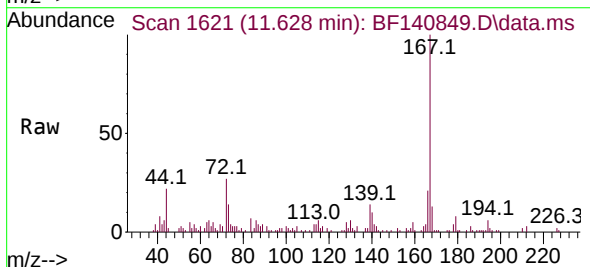
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW12-20241212

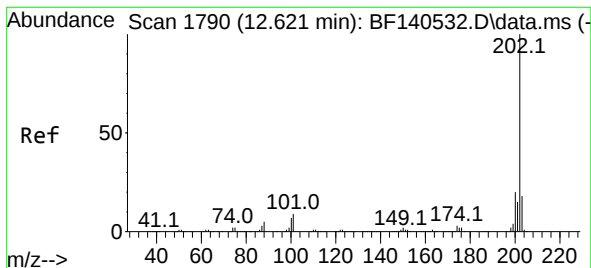
Tgt Ion:178 Resp: 91887  
 Ion Ratio Lower Upper  
 178 100  
 176 17.8 15.0 22.4  
 179 15.0 12.2 18.4



#73  
 Carbazole  
 Concen: 4.182 ng  
 RT: 11.628 min Scan# 1621  
 Delta R.T. -0.012 min  
 Lab File: BF140849.D  
 Acq: 13 Dec 2024 17:28

Tgt Ion:167 Resp: 25885  
 Ion Ratio Lower Upper  
 167 100  
 166 21.0 17.2 25.8  
 139 13.6 10.6 15.8





#75

Fluoranthene

Concen: 4.075 ng

RT: 12.610 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140849.D

Acq: 13 Dec 2024 17:28

Instrument :

BNA\_F

ClientSampleId :

MW12-20241212

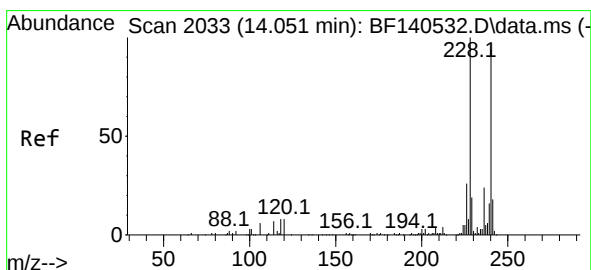
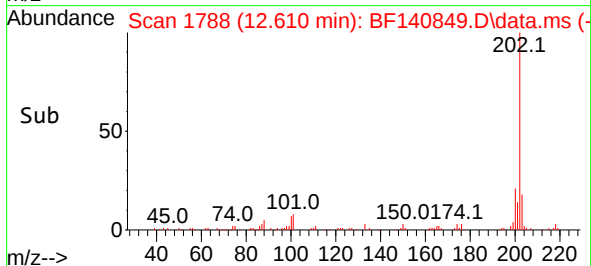
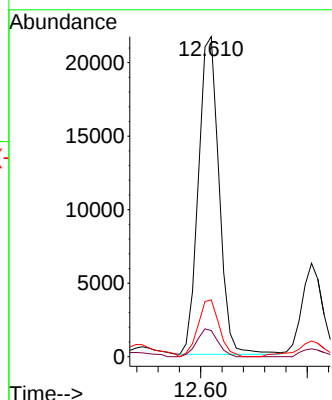
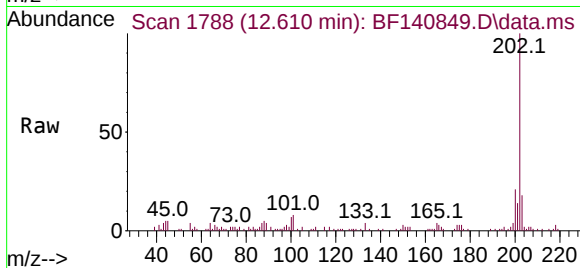
Tgt Ion:202 Resp: 29104

Ion Ratio Lower Upper

202 100

101 8.1 0.0 28.9

203 17.8 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140849.D

Acq: 13 Dec 2024 17:28

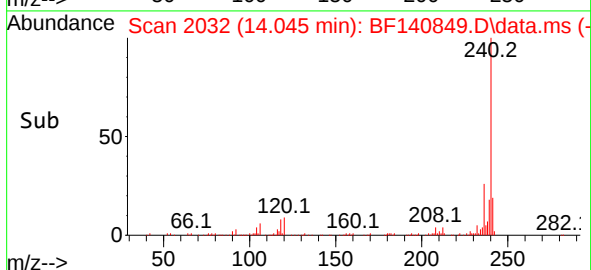
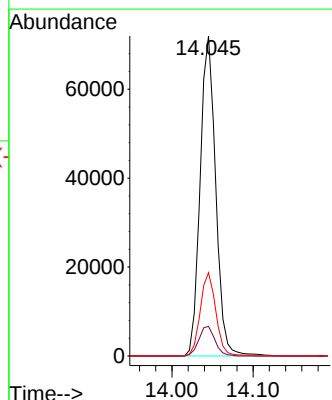
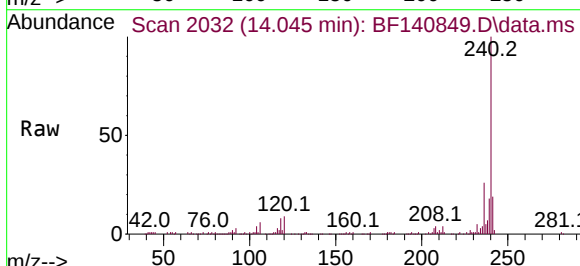
Tgt Ion:240 Resp: 95873

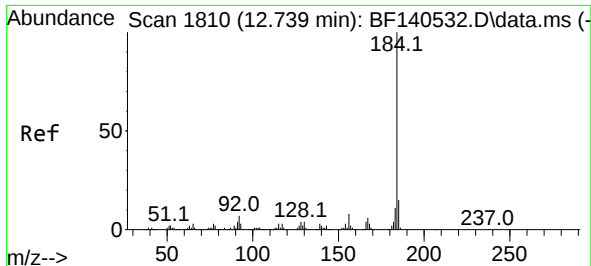
Ion Ratio Lower Upper

240 100

120 9.3 7.3 10.9

236 26.0 20.6 31.0

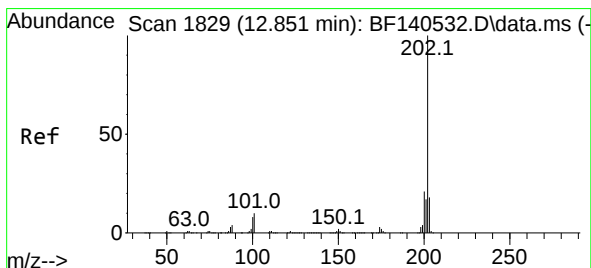
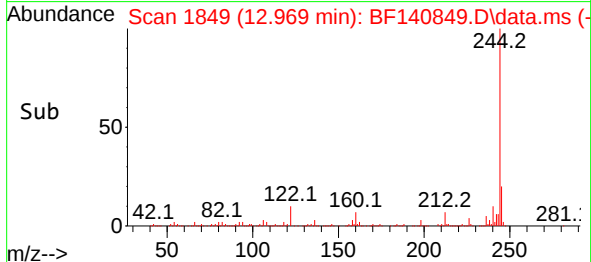
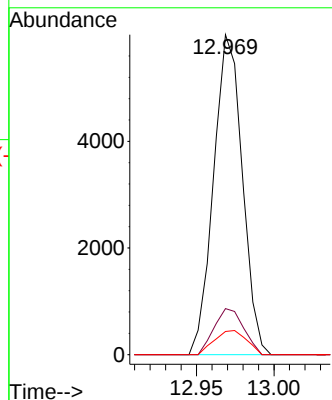
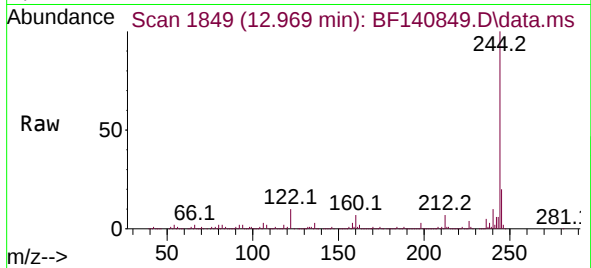




#77  
Benzidine  
Concen: 2.777 ng  
RT: 12.969 min Scan# 1849  
Delta R.T. 0.230 min  
Lab File: BF140849.D  
Acq: 13 Dec 2024 17:28

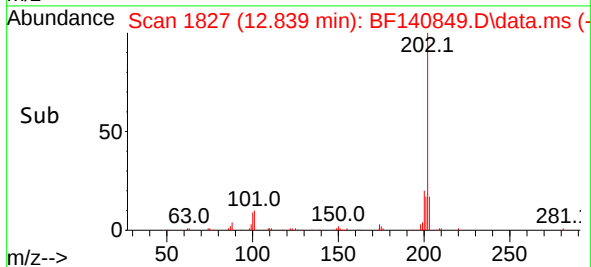
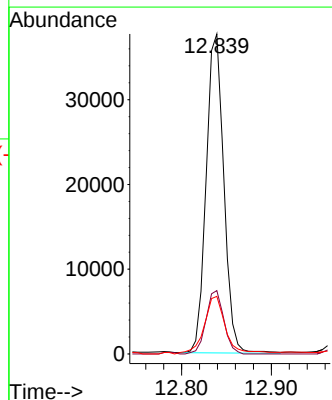
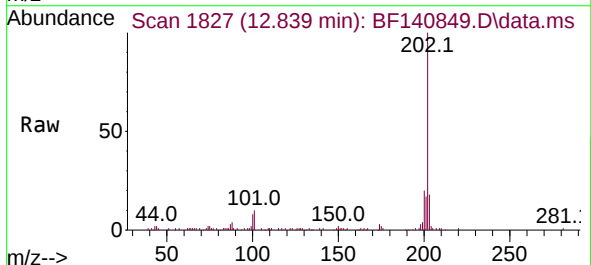
Instrument :  
BNA\_F  
ClientSampleId :  
MW12-20241212

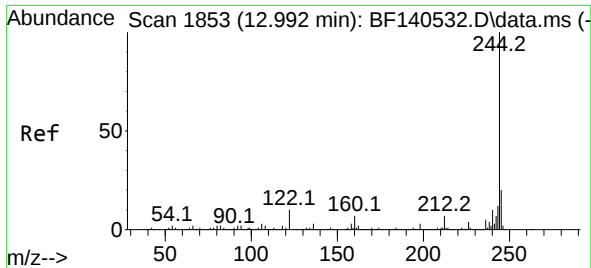
Tgt Ion:184 Resp: 7740  
Ion Ratio Lower Upper  
184 100  
185 14.4 11.7 17.5  
183 7.3 8.8 13.2#



#78  
Pyrene  
Concen: 5.801 ng  
RT: 12.839 min Scan# 1827  
Delta R.T. -0.012 min  
Lab File: BF140849.D  
Acq: 13 Dec 2024 17:28

Tgt Ion:202 Resp: 51420  
Ion Ratio Lower Upper  
202 100  
200 19.8 16.5 24.7  
203 18.0 14.2 21.4

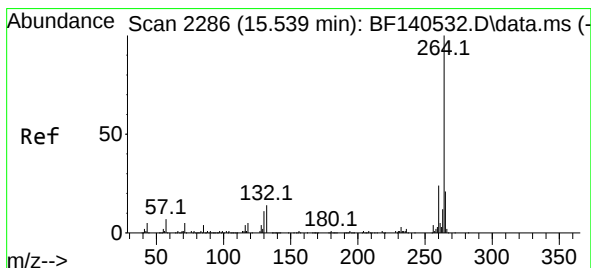
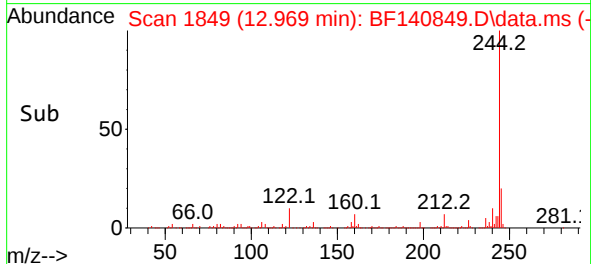
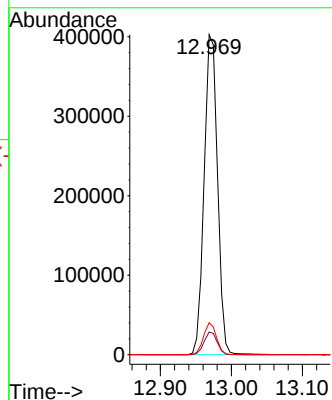
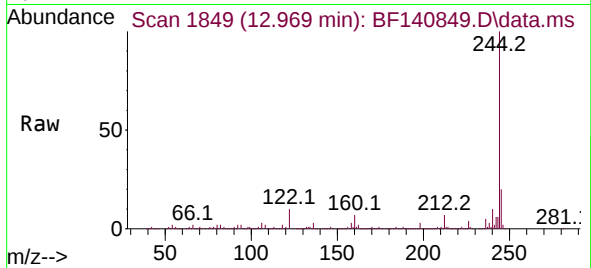




#79  
 Terphenyl-d14  
 Concen: 85.985 ng  
 RT: 12.969 min Scan# 1849  
 Delta R.T. -0.023 min  
 Lab File: BF140849.D  
 Acq: 13 Dec 2024 17:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW12-20241212

Tgt Ion:244 Resp: 529415  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.8 8.8  
 122 10.0 8.0 12.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.557 min Scan# 2289  
 Delta R.T. 0.018 min  
 Lab File: BF140849.D  
 Acq: 13 Dec 2024 17:28

Tgt Ion:264 Resp: 89401  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 19.0 28.6  
 265 21.3 16.6 25.0

