

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112524\  
 Data File : BF140624.D  
 Acq On : 26 Nov 2024 00:40  
 Operator : RC/JU  
 Sample : P4954-01  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TR-05-112124

Quant Time: Nov 26 02:01:36 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

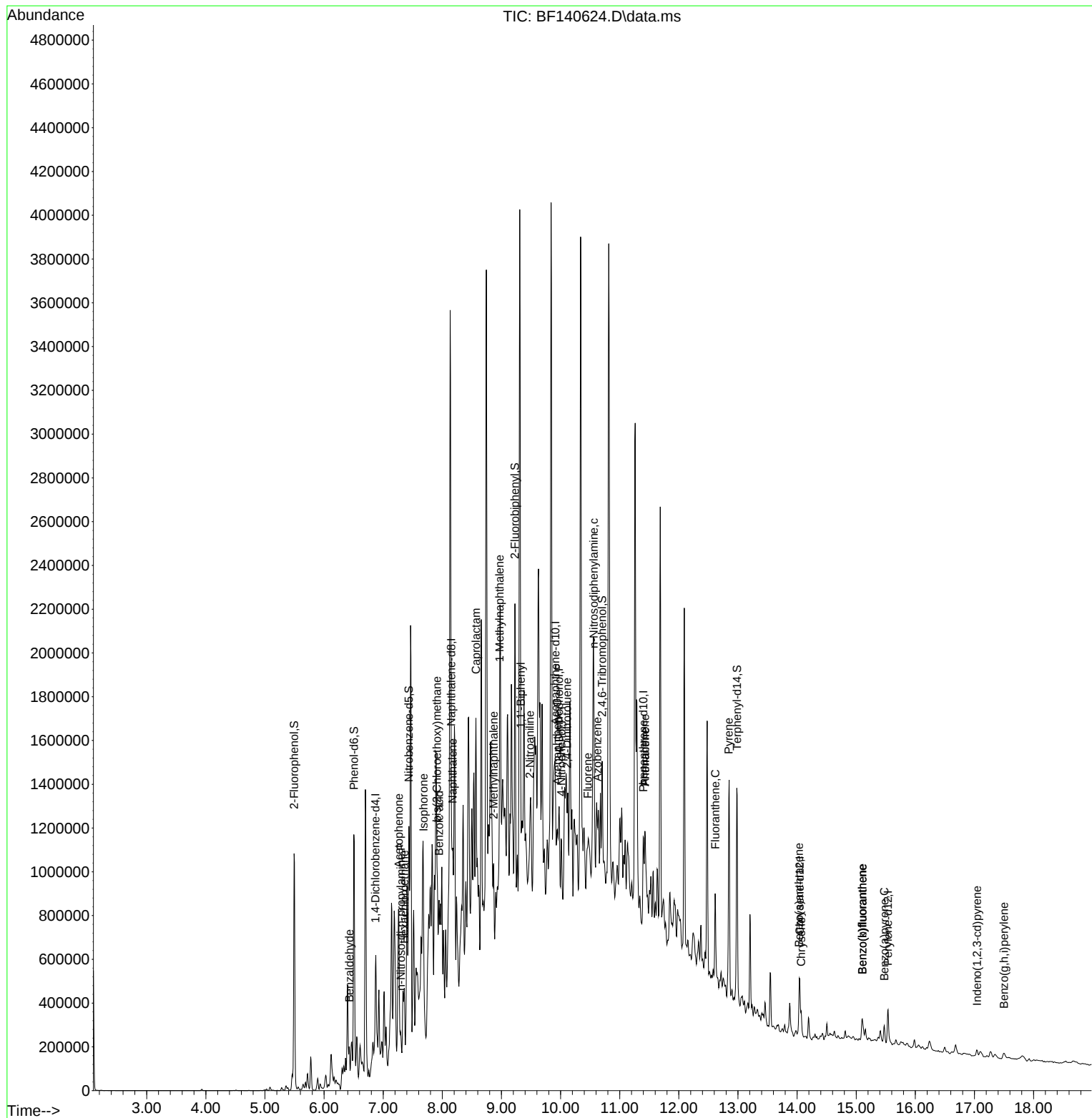
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.869  | 152  | 60804    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.151  | 136  | 207855   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.910  | 164  | 97380    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.398 | 188  | 161741   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.045 | 240  | 92507    | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.539 | 264  | 79717    | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.492  | 112  | 411116   | 115.362 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 533027   | 113.139 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.433  | 82   | 343712   | 84.583  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.704 | 330  | 107775   | 103.482 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.227  | 172  | 558865   | 85.508  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.986 | 244  | 462240   | 77.807  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 9) Benzaldehyde               | 6.428  | 77   | 6549     | 2.626   | ng    | # 1      |
| 18) Hexachloroethane          | 7.357  | 117  | 8791     | 5.396   | ng    | # 1      |
| 19) n-Nitroso-di-n-propyla... | 7.298  | 70   | 5876     | 2.110   | ng    | # 71     |
| 22) Acetophenone              | 7.263  | 105  | 125780   | 24.821  | ng    | # 52     |
| 25) Isophorone                | 7.681  | 82   | 47618    | 7.026   | ng    | # 1      |
| 28) bis(2-Chloroethoxy)met... | 7.910  | 93   | 8570     | 2.076   | ng    | # 1      |
| 31) Naphthalene               | 8.175  | 128  | 74812    | 6.988   | ng    | # 74     |
| 32) Benzoic acid              | 7.945  | 122  | 2321     | 8.210   | ng    | # 1      |
| 35) Caprolactam               | 8.569  | 113  | 26171    | 28.659  | ng    | # 1      |
| 37) 2-Methylnaphthalene       | 8.869  | 142  | 107487   | 15.806  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.969  | 142  | 66620    | 9.995   | ng    | 89       |
| 46) 1,1'-Biphenyl             | 9.327  | 154  | 46908    | 6.452   | ng    | 97       |
| 48) 2-Nitroaniline            | 9.480  | 65   | 7801     | 4.412   | ng    | # 54     |
| 52) Acenaphthene              | 9.945  | 154  | 10658    | 2.015   | ng    | # 35     |
| 54) 2,4-Dinitrophenol         | 9.975  | 184  | 373      | 8.270   | ng    | # 1      |
| 56) 4-Nitrophenol             | 10.016 | 139  | 4054     | 4.179   | ng    | # 11     |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 4661     | 2.411   | ng    | # 65     |
| 58) Fluorene                  | 10.463 | 166  | 22094    | 3.412   | ng    | # 50     |
| 63) Azobenzene                | 10.622 | 77   | 61577    | 9.979   | ng    | # 1      |
| 66) n-Nitrosodiphenylamine    | 10.563 | 169  | 35592    | 7.441   | ng    | # 63     |
| 71) Phenanthrene              | 11.427 | 178  | 121369   | 15.611  | ng    | 96       |
| 72) Anthracene                | 11.427 | 178  | 121369   | 15.959  | ng    | 97       |
| 75) Fluoranthene              | 12.616 | 202  | 190138   | 22.525  | ng    | 99       |
| 78) Pyrene                    | 12.845 | 202  | 166421   | 19.457  | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.033 | 228  | 68479    | 11.183  | ng    | # 93     |
| 83) Chrysene                  | 14.068 | 228  | 61327    | 10.953  | ng    | # 94     |
| 87) Indeno(1,2,3-cd)pyrene    | 17.045 | 276  | 22673    | 4.364   | ng    | 95       |
| 88) Benzo(b)fluoranthene      | 15.104 | 252  | 86579    | 17.291  | ng    | # 90     |
| 89) Benzo(k)fluoranthene      | 15.104 | 252  | 86579    | 19.759  | ng    | # 90     |
| 90) Benzo(a)pyrene            | 15.474 | 252  | 43501    | 10.685  | ng    | # 90     |
| 92) Benzo(g,h,i)perylene      | 17.498 | 276  | 20728    | 4.774   | ng    | # 92     |
| -----                         |        |      |          |         |       |          |

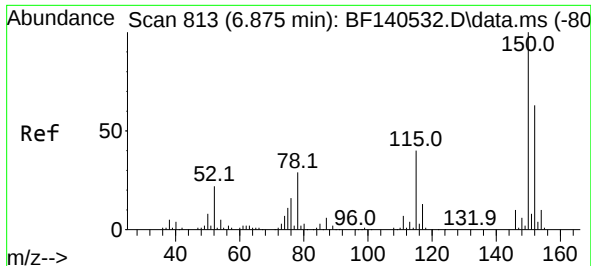
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 21 15:23:48 2024  
Response via : Initial Calibration

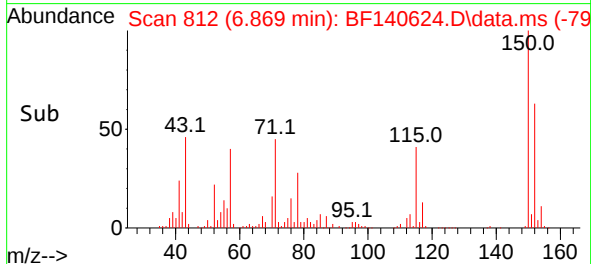
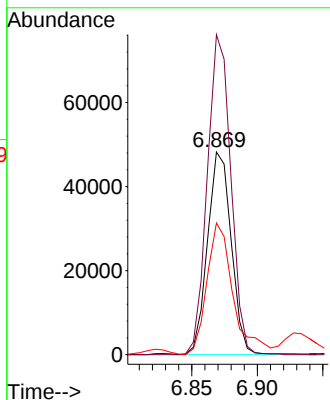
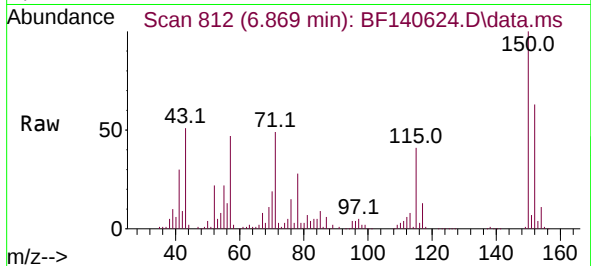




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.869 min Scan# 813  
Delta R.T. -0.006 min  
Lab File: BF140624.D  
Acq: 26 Nov 2024 00:40

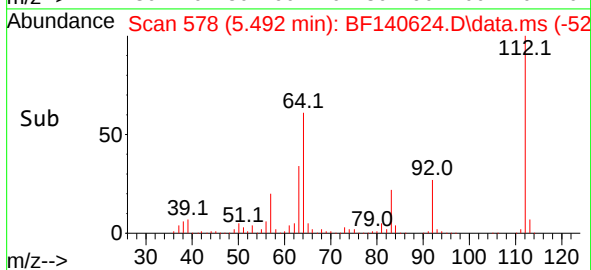
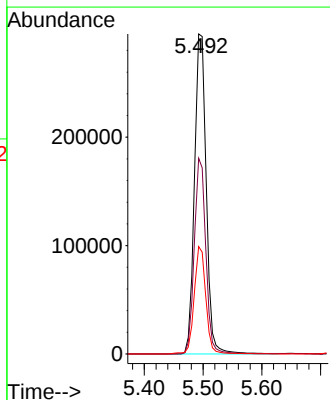
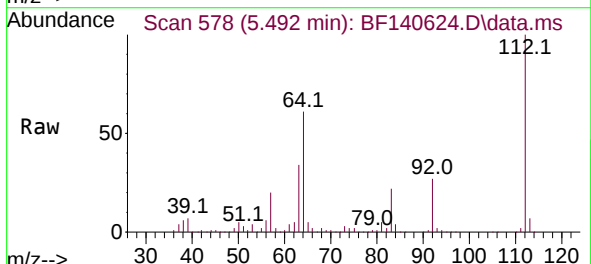
Instrument :  
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ClientSampleId :  
TR-05-112124

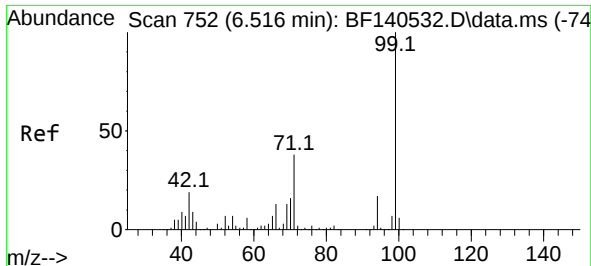
Tgt Ion:152 Resp: 60804  
Ion Ratio Lower Upper  
152 100  
150 157.8 128.5 192.7  
115 65.0 50.2 75.4



#5  
2-Fluorophenol  
Concen: 115.362 ng  
RT: 5.492 min Scan# 578  
Delta R.T. -0.006 min  
Lab File: BF140624.D  
Acq: 26 Nov 2024 00:40

Tgt Ion:112 Resp: 411116  
Ion Ratio Lower Upper  
112 100  
64 61.2 49.2 73.8  
63 33.5 27.0 40.4





#7

Phenol-d6

Concen: 113.139 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF140624.D

Acq: 26 Nov 2024 00:40

Instrument :

BNA\_F

ClientSampleId :

TR-05-112124

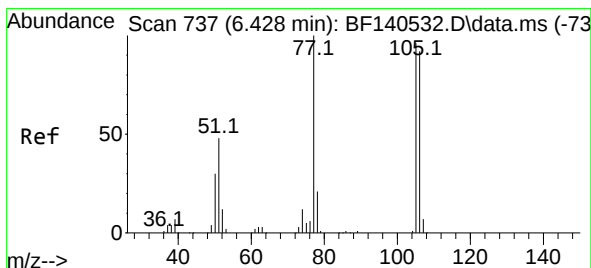
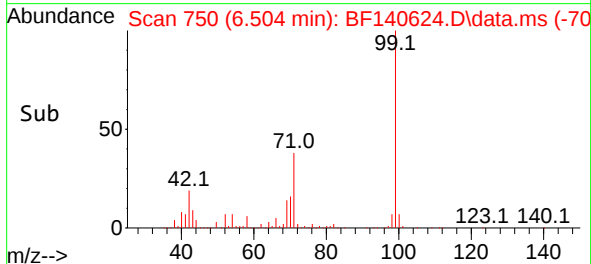
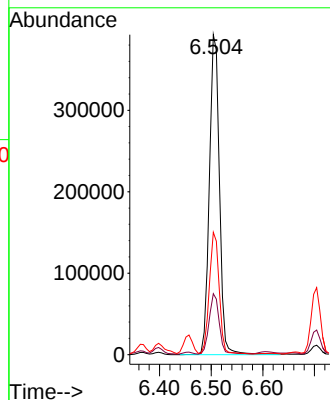
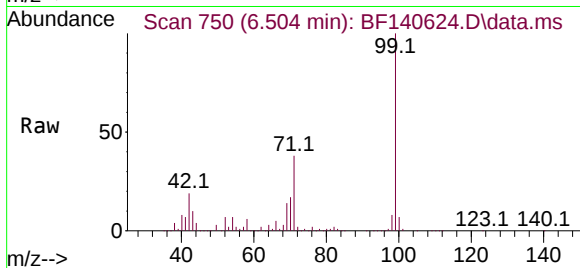
Tgt Ion: 99 Resp: 533027

Ion Ratio Lower Upper

99 100

42 19.1 15.4 23.0

71 38.3 30.6 46.0



#9

Benzaldehyde

Concen: 2.626 ng

RT: 6.428 min Scan# 737

Delta R.T. -0.000 min

Lab File: BF140624.D

Acq: 26 Nov 2024 00:40

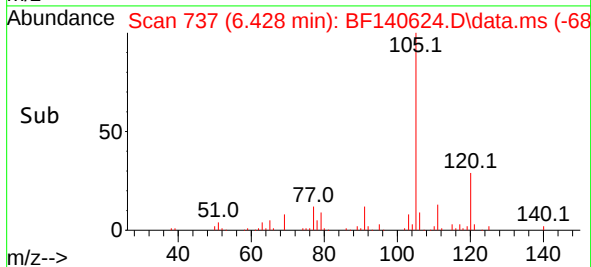
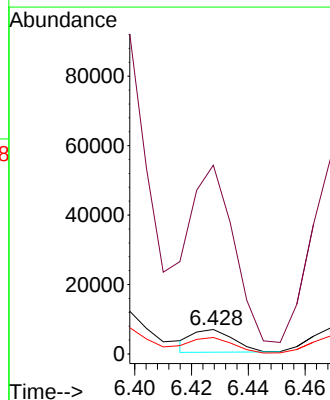
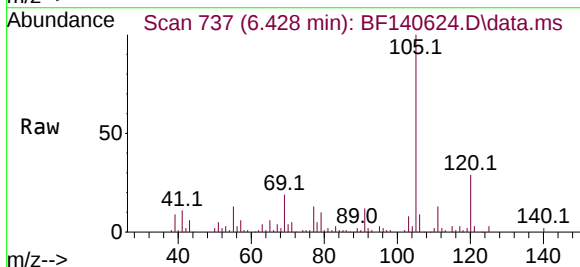
Tgt Ion: 77 Resp: 6549

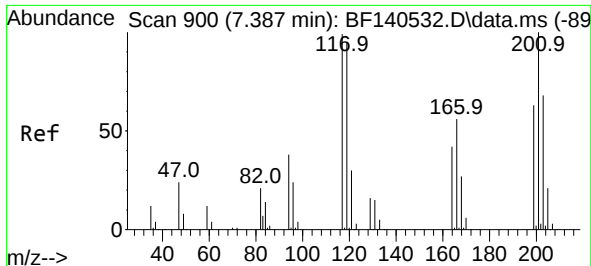
Ion Ratio Lower Upper

77 100

105 769.8 75.6 115.6#

106 67.0 72.0 112.0#

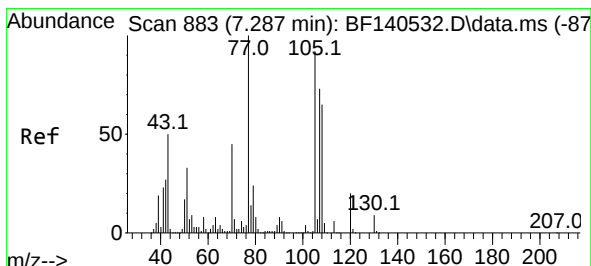
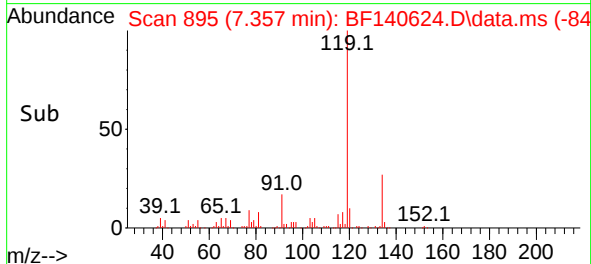
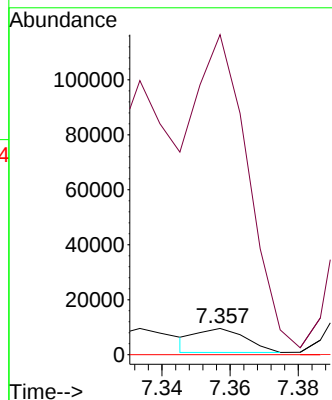
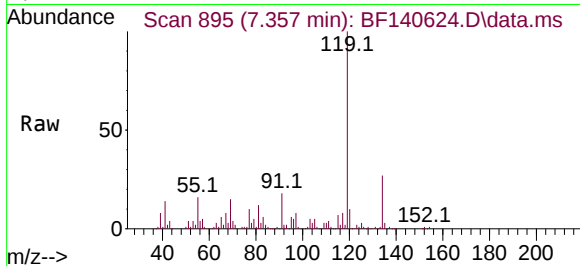




#18  
Hexachloroethane  
Concen: 5.396 ng  
RT: 7.357 min Scan# 895  
Delta R.T. -0.030 min  
Lab File: BF140624.D  
Acq: 26 Nov 2024 00:40

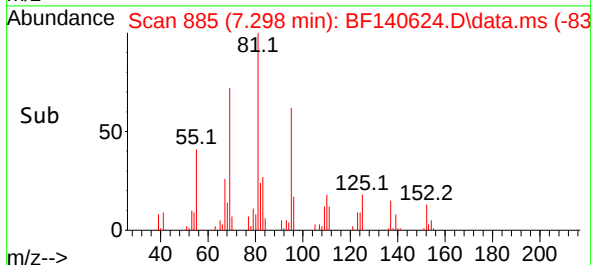
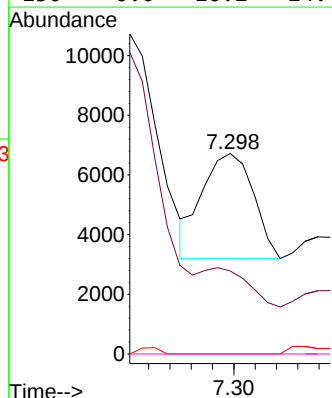
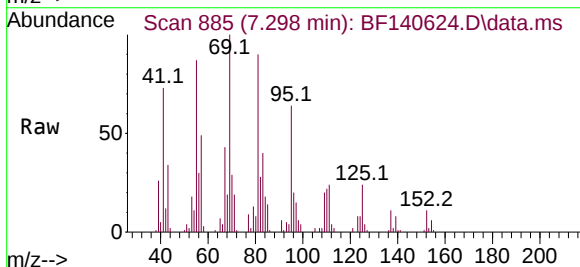
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TR-05-112124

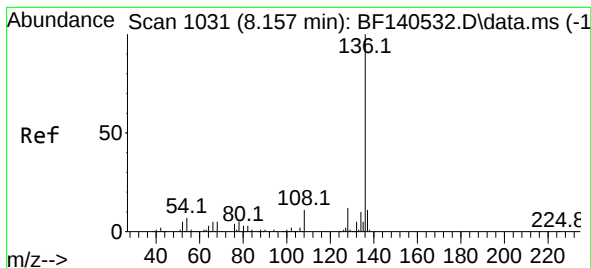
Tgt Ion:117 Resp: 8791  
Ion Ratio Lower Upper  
117 100  
119 1218.0 77.1 115.7#  
201 0.0 81.1 121.7#



#19  
n-Nitroso-di-n-propylamine  
Concen: 2.110 ng  
RT: 7.298 min Scan# 885  
Delta R.T. 0.012 min  
Lab File: BF140624.D  
Acq: 26 Nov 2024 00:40

Tgt Ion: 70 Resp: 5876  
Ion Ratio Lower Upper  
70 100  
42 41.4 47.6 71.4#  
101 0.0 7.6 11.4#  
130 0.0 16.2 24.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140624.D

Acq: 26 Nov 2024 00:40

Instrument :

BNA\_F

ClientSampleId :

TR-05-112124

Tgt Ion:136 Resp: 207855

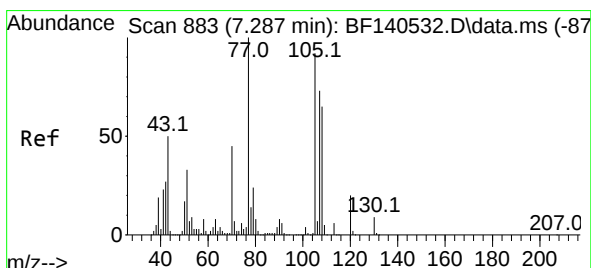
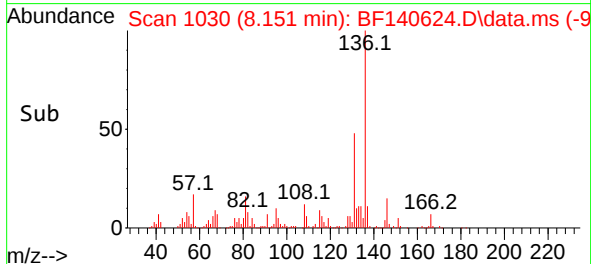
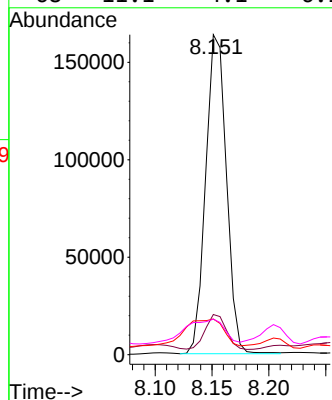
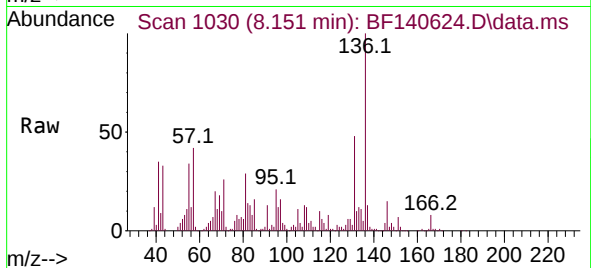
Ion Ratio Lower Upper

136 100

137 12.5 8.6 13.0

54 11.1 5.8 8.8#

68 11.1 4.1 6.1#



#22

Acetophenone

Concen: 24.821 ng

RT: 7.263 min Scan# 879

Delta R.T. -0.024 min

Lab File: BF140624.D

Acq: 26 Nov 2024 00:40

Tgt Ion:105 Resp: 125780

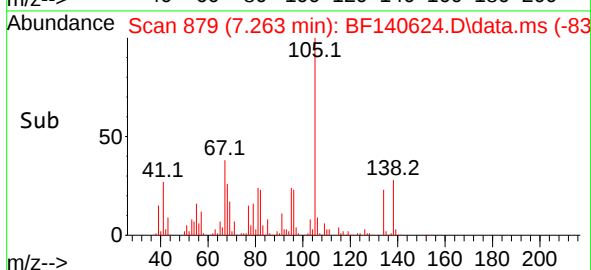
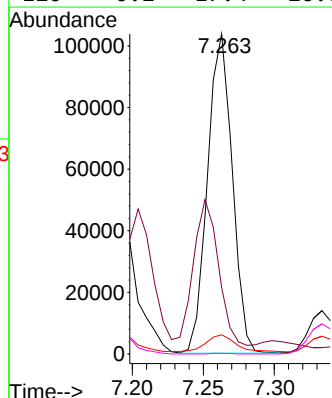
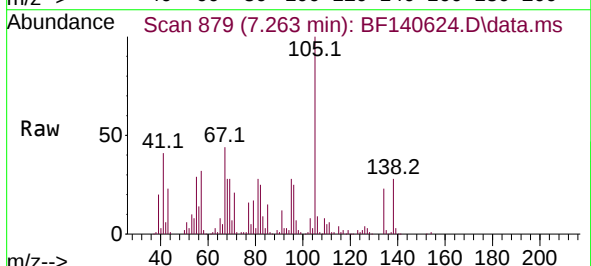
Ion Ratio Lower Upper

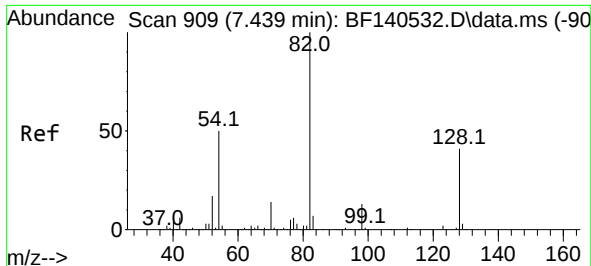
105 100

71 20.8 6.2 9.2#

51 6.0 29.0 43.6#

120 0.2 17.4 26.0#

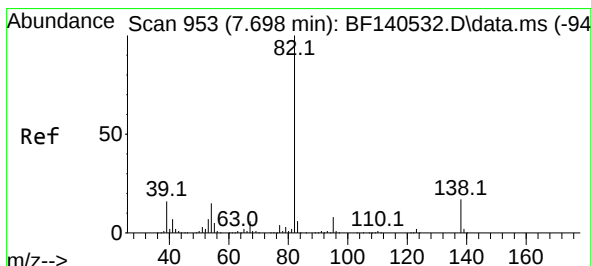
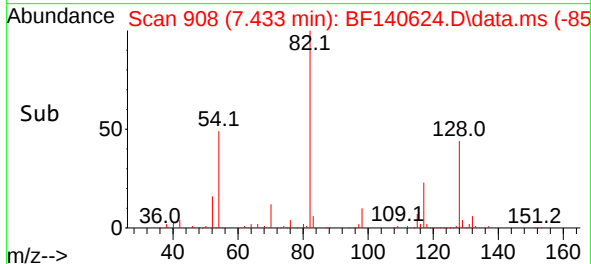
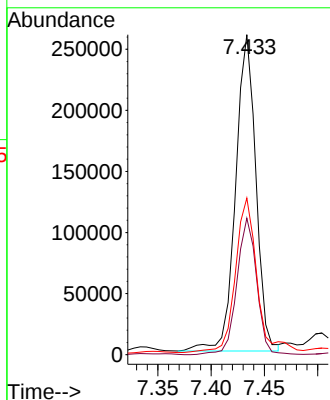
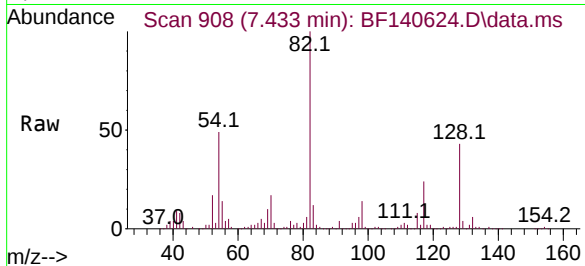




#23  
Nitrobenzene-d5  
Concen: 84.583 ng  
RT: 7.433 min Scan# 909  
Delta R.T. -0.006 min  
Lab File: BF140624.D  
Acq: 26 Nov 2024 00:40

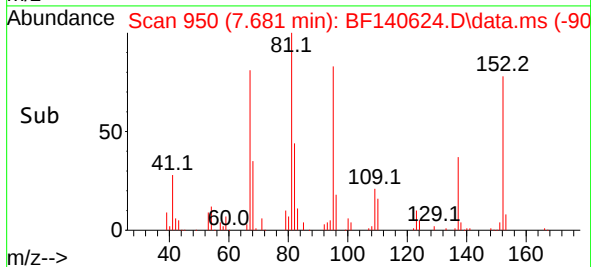
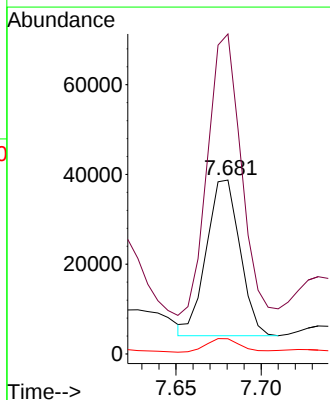
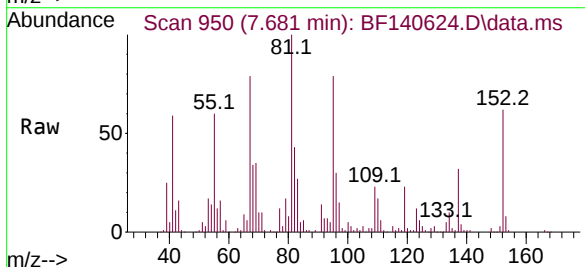
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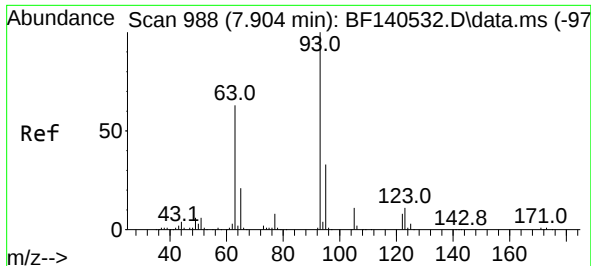
Tgt Ion: 82 Resp: 343712  
Ion Ratio Lower Upper  
82 100  
128 42.7 33.0 49.4  
54 49.0 39.5 59.3



#25  
Isophorone  
Concen: 7.026 ng  
RT: 7.681 min Scan# 950  
Delta R.T. -0.018 min  
Lab File: BF140624.D  
Acq: 26 Nov 2024 00:40

Tgt Ion: 82 Resp: 47618  
Ion Ratio Lower Upper  
82 100  
95 184.0 6.4 9.6#  
138 8.7 13.8 20.6#

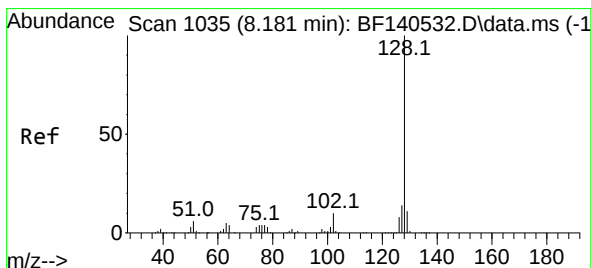
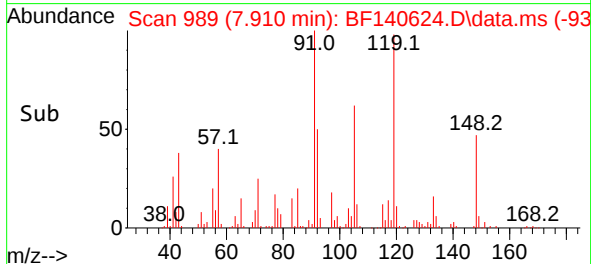
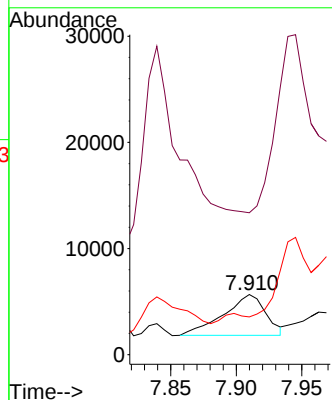
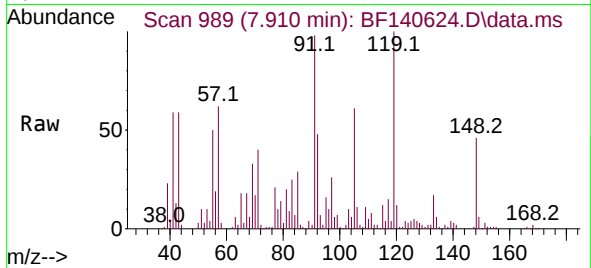




#28  
bis(2-Chloroethoxy)methane  
Concen: 2.076 ng  
RT: 7.910 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: BF140624.D  
Acq: 26 Nov 2024 00:40

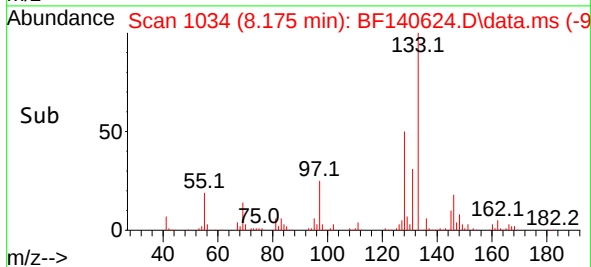
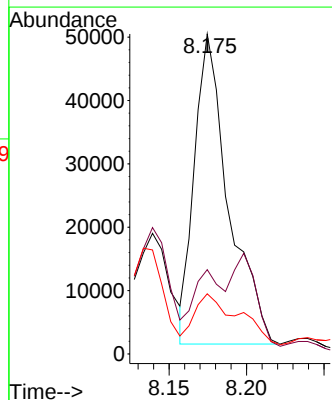
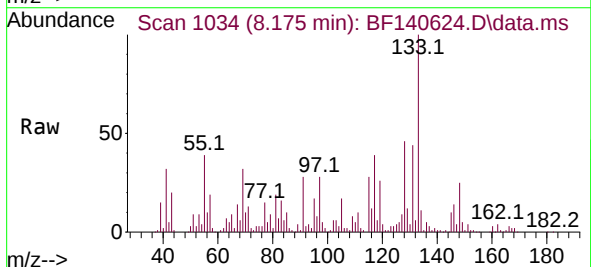
Instrument :  
BNA\_F  
ClientSampleId :  
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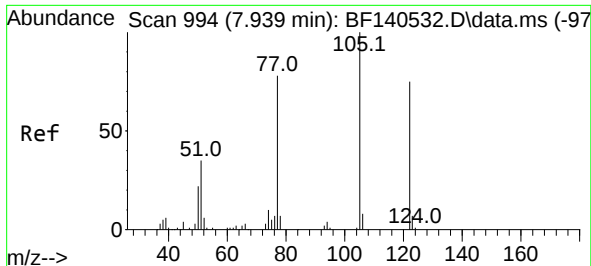
Tgt Ion: 93 Resp: 8570  
Ion Ratio Lower Upper  
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95 235.6 26.1 39.1#  
123 62.6 9.1 13.7#



#31  
Naphthalene  
Concen: 6.988 ng  
RT: 8.175 min Scan# 1034  
Delta R.T. -0.006 min  
Lab File: BF140624.D  
Acq: 26 Nov 2024 00:40

Tgt Ion: 128 Resp: 74812  
Ion Ratio Lower Upper  
128 100  
129 26.3 8.6 13.0#  
127 18.8 10.8 16.2#

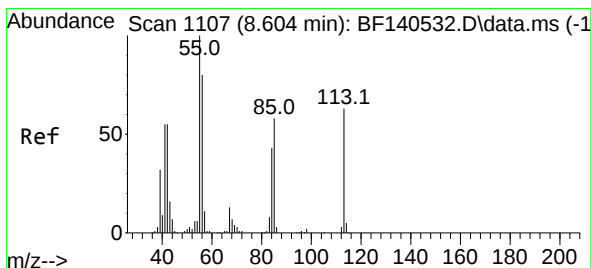
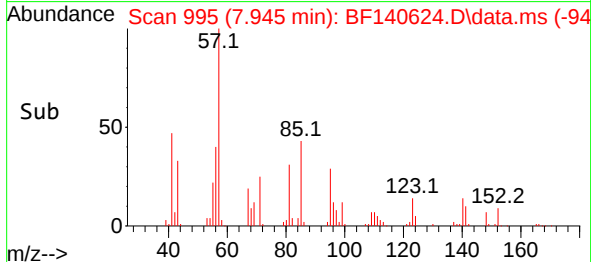
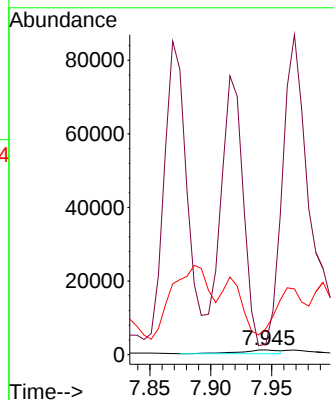
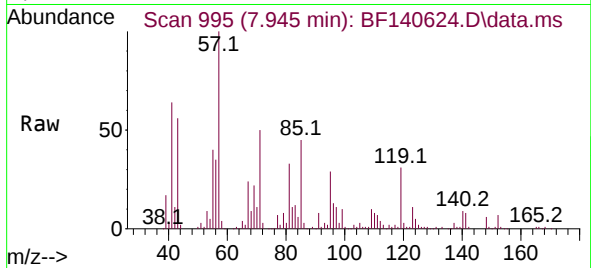




#32  
Benzoic acid  
Concen: 8.210 ng  
RT: 7.945 min Scan# 994  
Delta R.T. 0.006 min  
Lab File: BF140624.D  
Acq: 26 Nov 2024 00:40

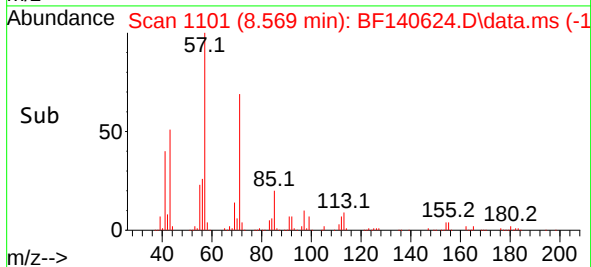
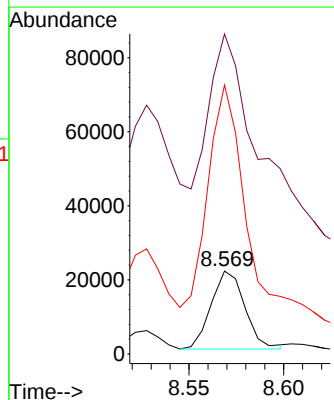
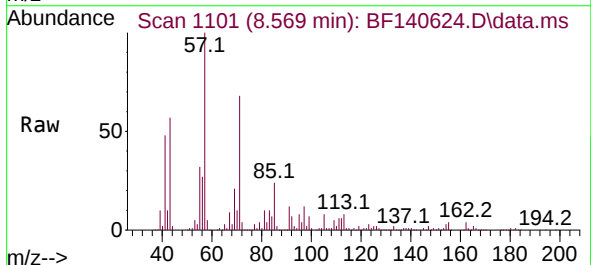
Instrument :  
BNA\_F  
ClientSampleId :  
TR-05-112124

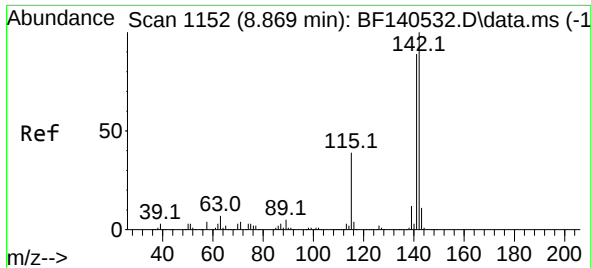
Tgt Ion:122 Resp: 2321  
Ion Ratio Lower Upper  
122 100  
105 218.1 109.3 149.3#  
77 532.7 82.3 122.3#



#35  
Caprolactam  
Concen: 28.659 ng  
RT: 8.569 min Scan# 1101  
Delta R.T. -0.035 min  
Lab File: BF140624.D  
Acq: 26 Nov 2024 00:40

Tgt Ion:113 Resp: 26171  
Ion Ratio Lower Upper  
113 100  
55 386.3 137.7 177.7#  
56 324.7 106.4 146.4#





#37

2-Methylnaphthalene

Concen: 15.806 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BF140624.D

Acq: 26 Nov 2024 00:40

Instrument :

BNA\_F

ClientSampleId :

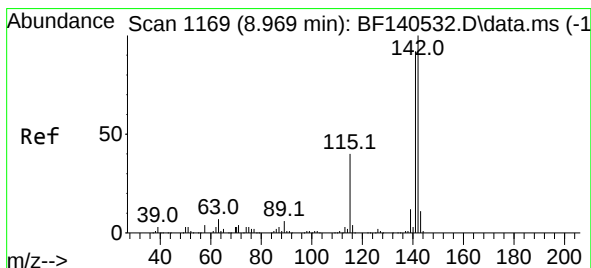
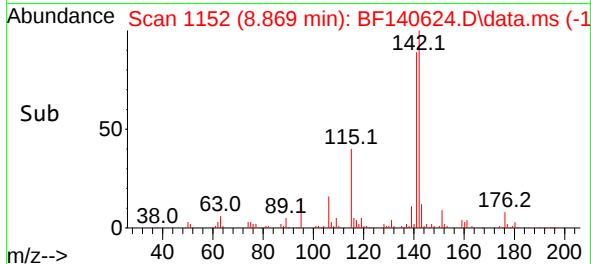
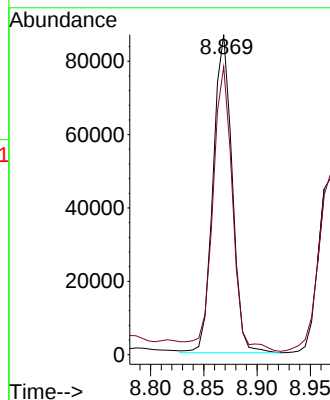
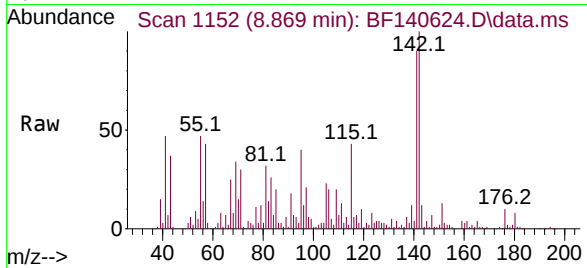
TR-05-112124

Tgt Ion:142 Resp: 107487

Ion Ratio Lower Upper

142 100

141 90.0 71.0 106.6



#38

1-Methylnaphthalene

Concen: 9.995 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF140624.D

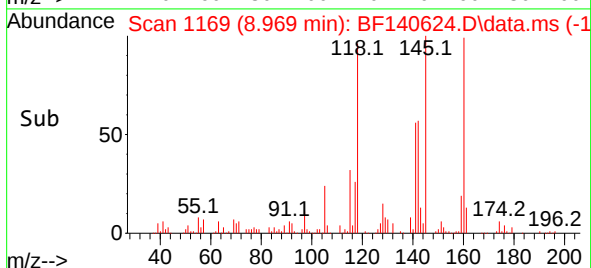
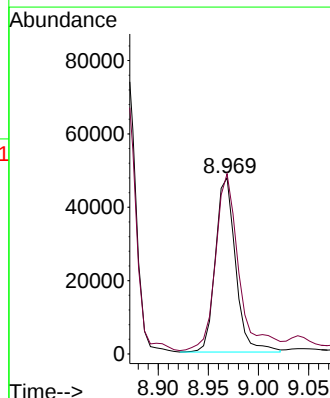
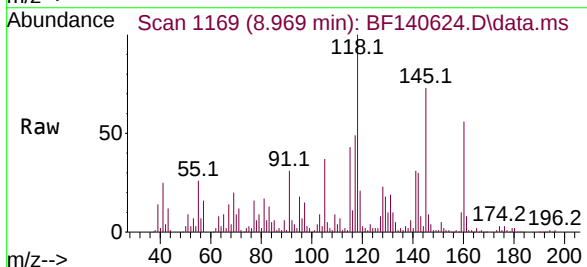
Acq: 26 Nov 2024 00:40

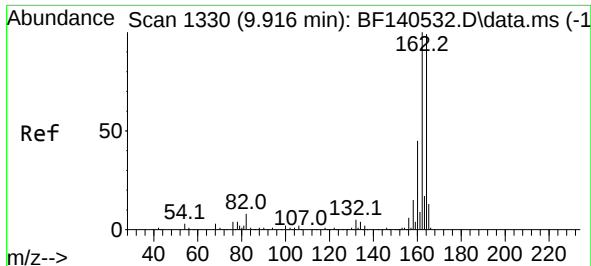
Tgt Ion:142 Resp: 66620

Ion Ratio Lower Upper

142 100

141 102.3 73.3 109.9

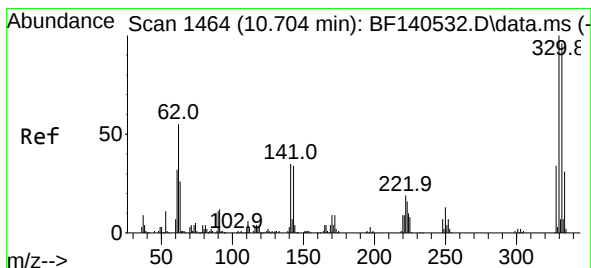
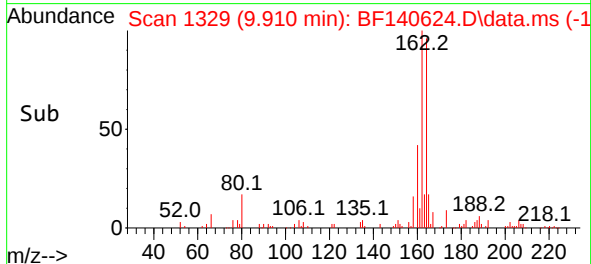
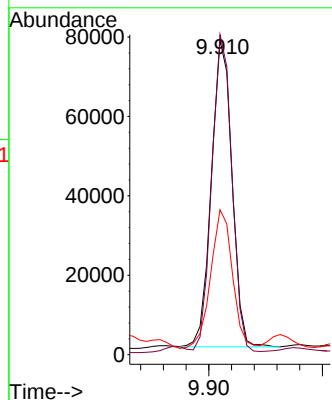
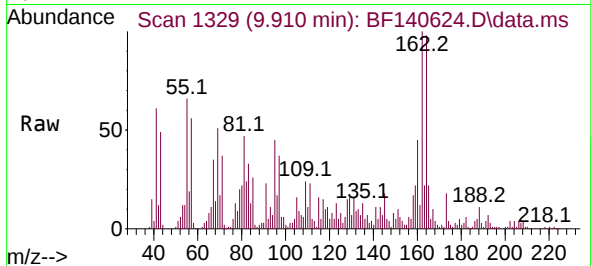




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.910 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF140624.D  
Acq: 26 Nov 2024 00:40

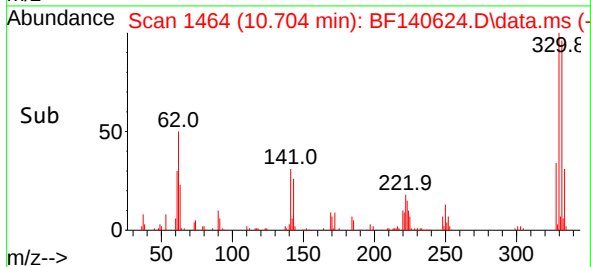
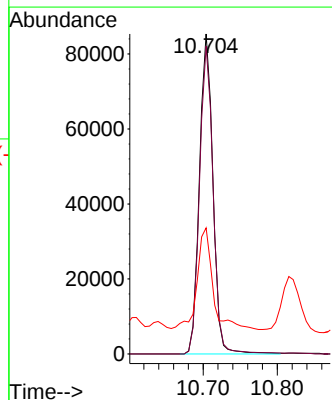
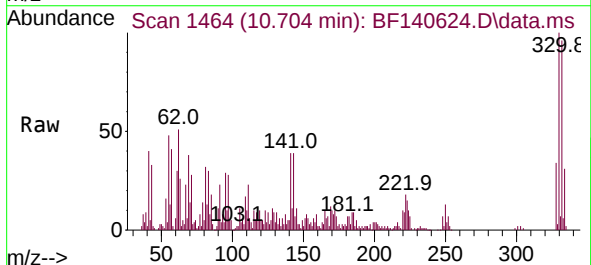
Instrument :  
BNA\_F  
ClientSampleId :  
TR-05-112124

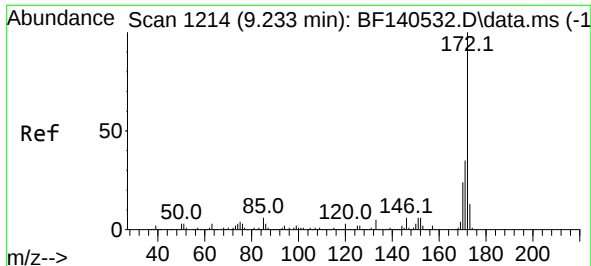
Tgt Ion:164 Resp: 97380  
Ion Ratio Lower Upper  
164 100  
162 101.8 80.6 120.8  
160 46.1 36.2 54.4



#42  
2,4,6-Tribromophenol  
Concen: 103.482 ng  
RT: 10.704 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: BF140624.D  
Acq: 26 Nov 2024 00:40

Tgt Ion:330 Resp: 107775  
Ion Ratio Lower Upper  
330 100  
332 97.2 76.9 115.3  
141 36.9 26.7 40.1





#45

2-Fluorobiphenyl

Concen: 85.508 ng

RT: 9.227 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140624.D

Acq: 26 Nov 2024 00:40

Instrument :

BNA\_F

ClientSampleId :

TR-05-112124

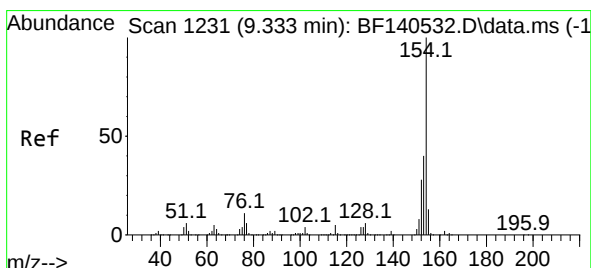
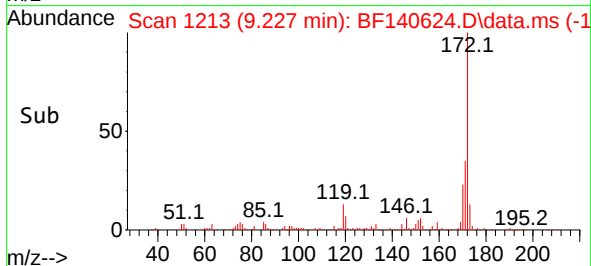
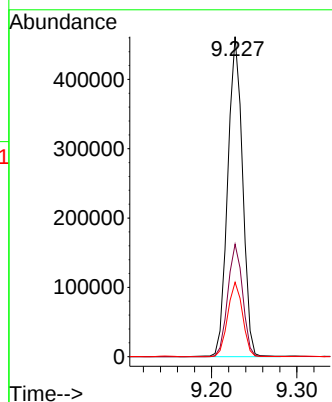
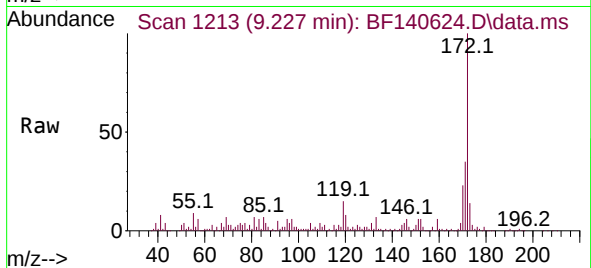
Tgt Ion:172 Resp: 558865

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.2 19.0 28.6



#46

1,1'-Biphenyl

Concen: 6.452 ng

RT: 9.327 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF140624.D

Acq: 26 Nov 2024 00:40

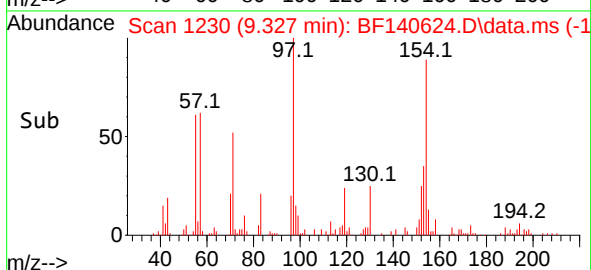
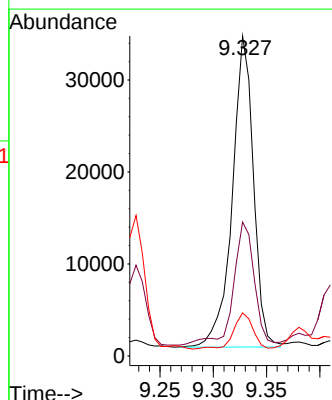
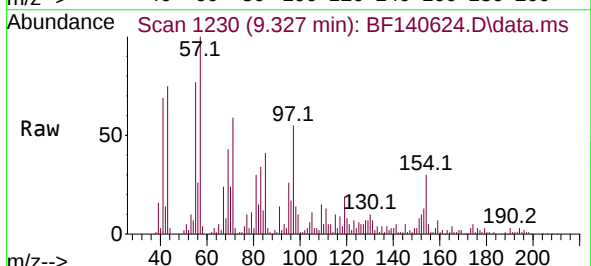
Tgt Ion:154 Resp: 46908

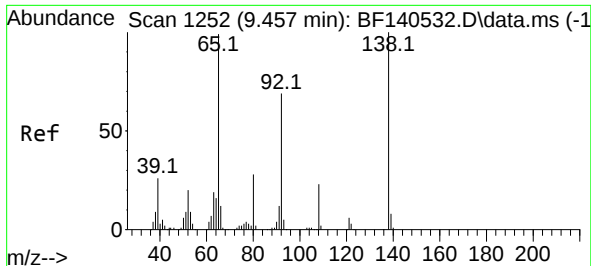
Ion Ratio Lower Upper

154 100

153 41.9 20.4 60.4

76 13.5 0.0 31.2





#48

2-Nitroaniline

Concen: 4.412 ng

RT: 9.480 min Scan# 11

Delta R.T. 0.023 min

Lab File: BF140624.D

Acq: 26 Nov 2024 00:40

Instrument :

BNA\_F

ClientSampleId :

TR-05-112124

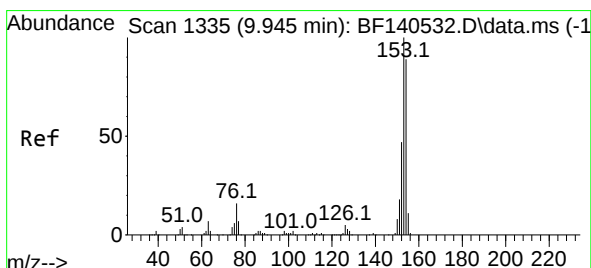
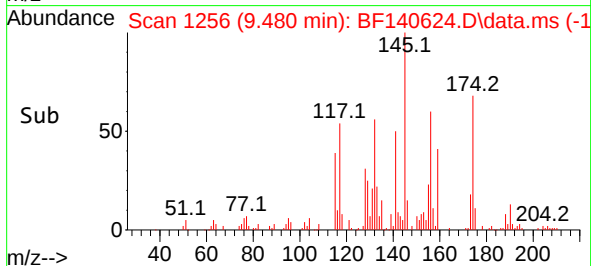
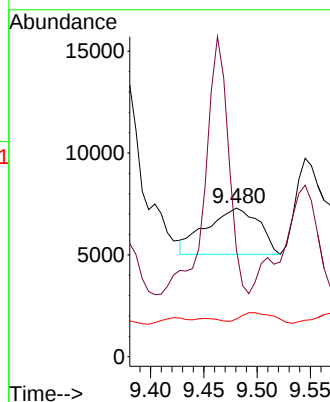
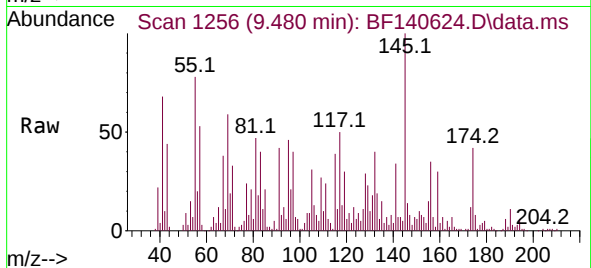
Tgt Ion: 65 Resp: 7801

Ion Ratio Lower Upper

65 100

92 72.2 56.1 84.1

138 25.3 81.0 121.6#



#52

Acenaphthene

Concen: 2.015 ng

RT: 9.945 min Scan# 1335

Delta R.T. -0.000 min

Lab File: BF140624.D

Acq: 26 Nov 2024 00:40

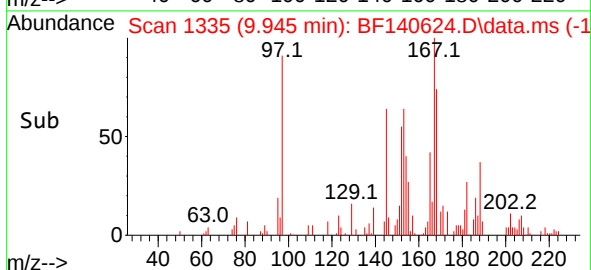
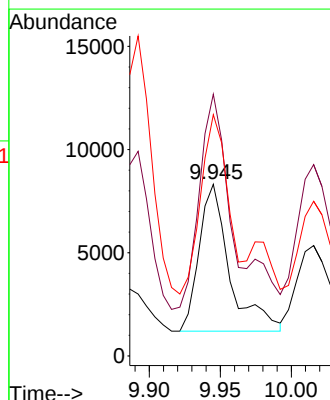
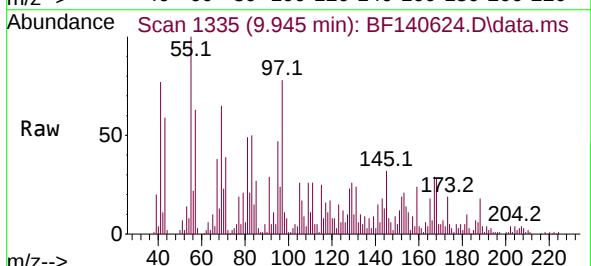
Tgt Ion:154 Resp: 10658

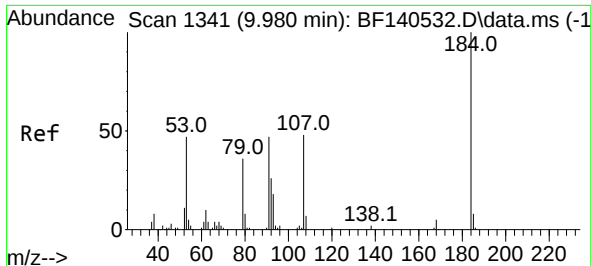
Ion Ratio Lower Upper

154 100

153 152.5 89.7 134.5#

152 140.6 42.5 63.7#

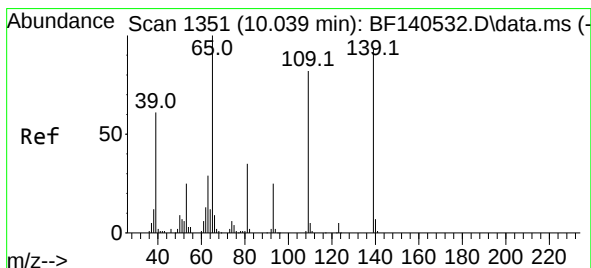
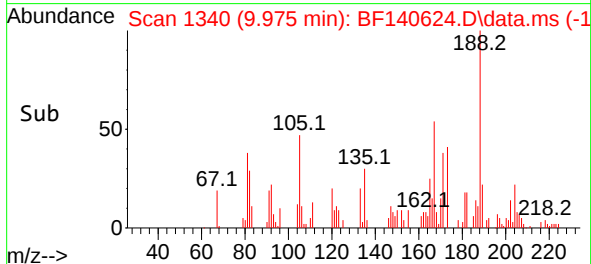
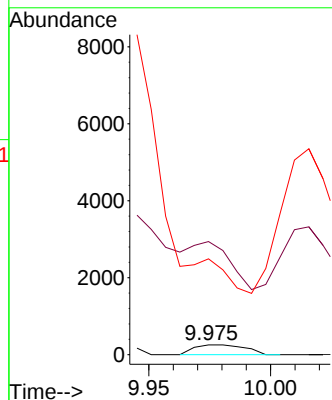
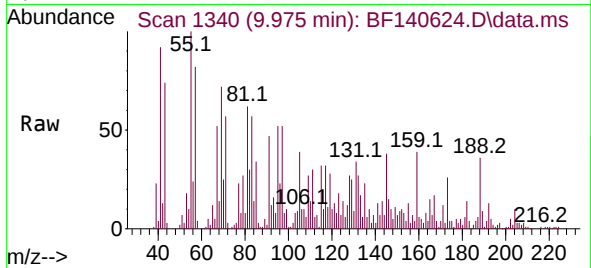




#54  
2,4-Dinitrophenol  
Concen: 8.270 ng  
RT: 9.975 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BF140624.D  
Acq: 26 Nov 2024 00:40

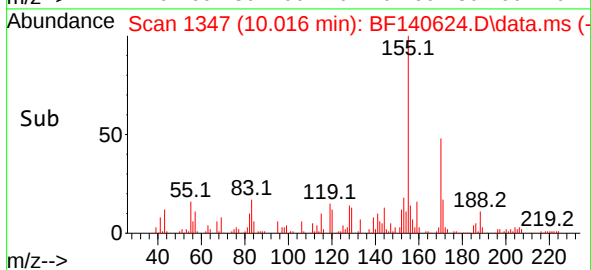
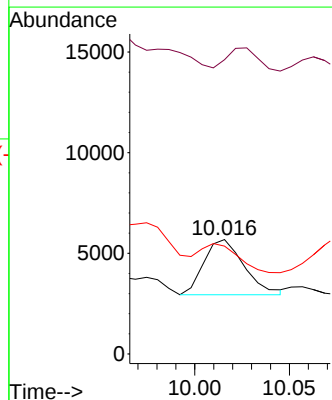
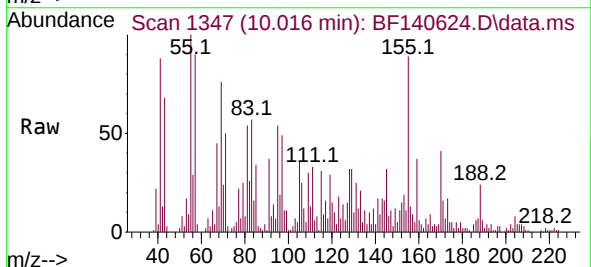
Instrument :  
BNA\_F  
ClientSampleId :  
TR-05-112124

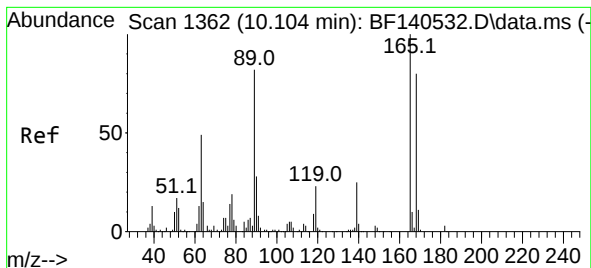
Tgt Ion:184 Resp: 373  
Ion Ratio Lower Upper  
184 100  
63 1157.1 54.1 81.1#  
154 981.1 57.4 86.0#



#56  
4-Nitrophenol  
Concen: 4.179 ng  
RT: 10.016 min Scan# 1347  
Delta R.T. -0.023 min  
Lab File: BF140624.D  
Acq: 26 Nov 2024 00:40

Tgt Ion:139 Resp: 4054  
Ion Ratio Lower Upper  
139 100  
109 257.1 68.4 108.4#  
65 94.3 88.6 128.6





#57

2,4-Dinitrotoluene

Concen: 2.411 ng

RT: 10.110 min Scan# 1362

Delta R.T. 0.006 min

Lab File: BF140624.D

Acq: 26 Nov 2024 00:40

Instrument :

BNA\_F

ClientSampleId :

TR-05-112124

Tgt Ion:165 Resp: 4661

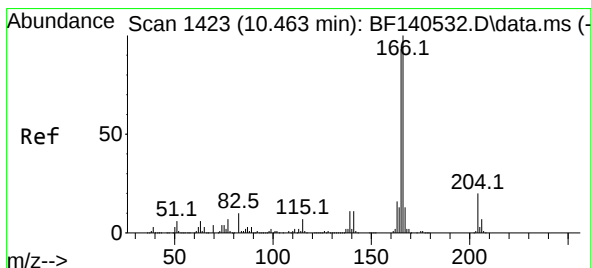
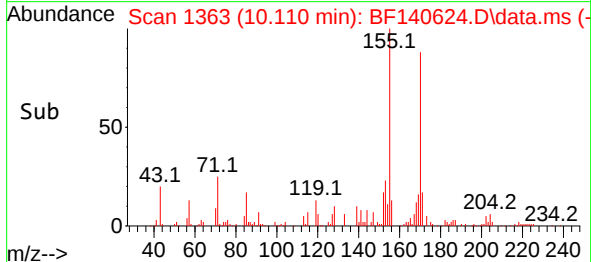
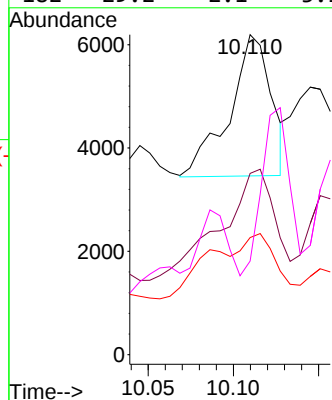
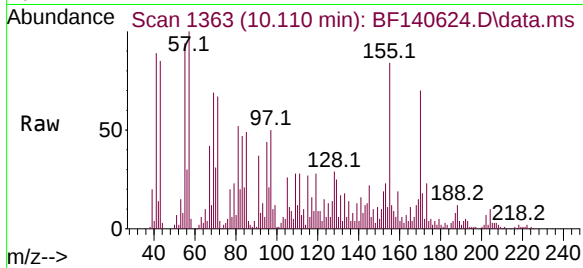
Ion Ratio Lower Upper

165 100

63 56.7 41.7 62.5

89 36.6 65.8 98.8#

182 29.2 2.1 3.1#



#58

Fluorene

Concen: 3.412 ng

RT: 10.463 min Scan# 1423

Delta R.T. -0.000 min

Lab File: BF140624.D

Acq: 26 Nov 2024 00:40

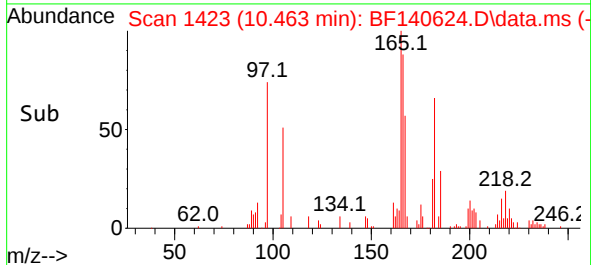
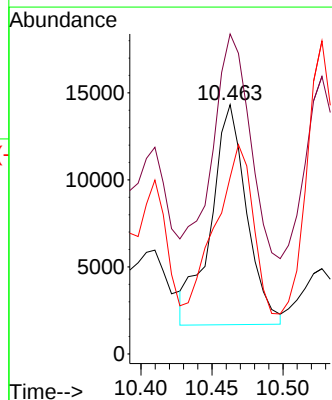
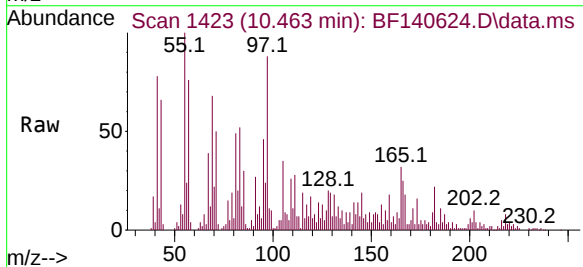
Tgt Ion:166 Resp: 22094

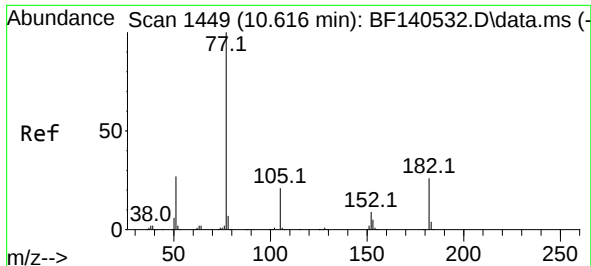
Ion Ratio Lower Upper

166 100

165 128.4 74.6 111.8#

167 70.9 10.6 16.0#

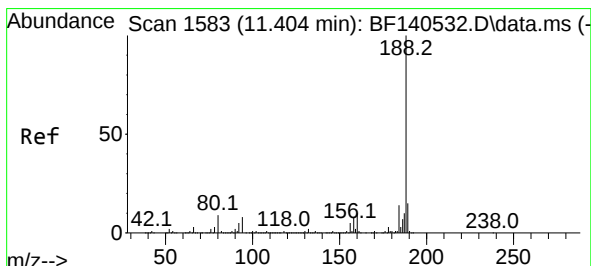
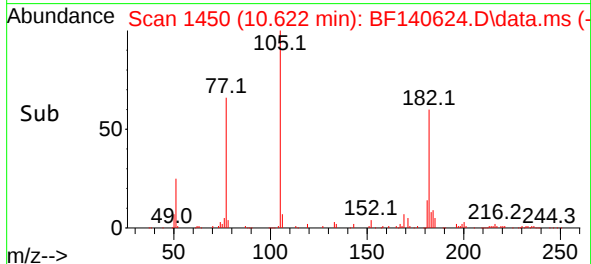
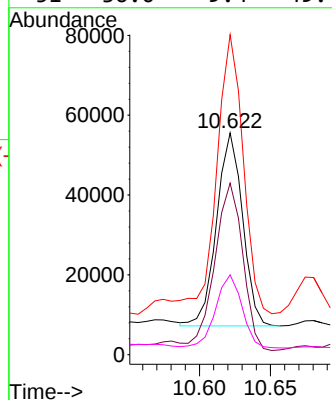
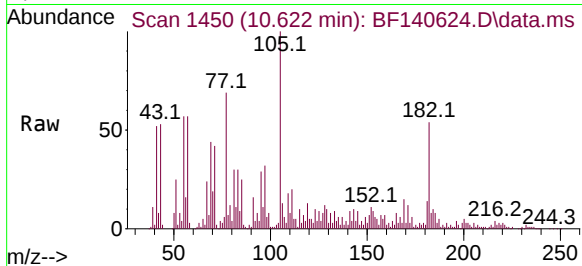




#63  
Azobenzene  
Concen: 9.979 ng  
RT: 10.622 min Scan# 1449  
Delta R.T. 0.006 min  
Lab File: BF140624.D  
Acq: 26 Nov 2024 00:40

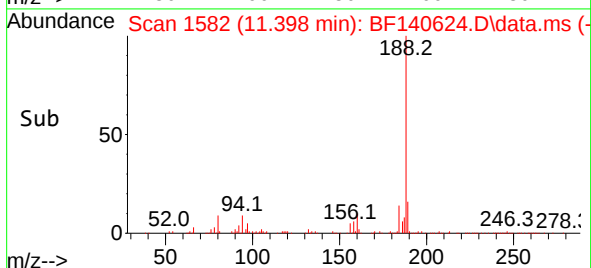
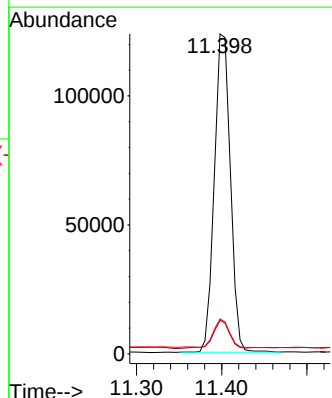
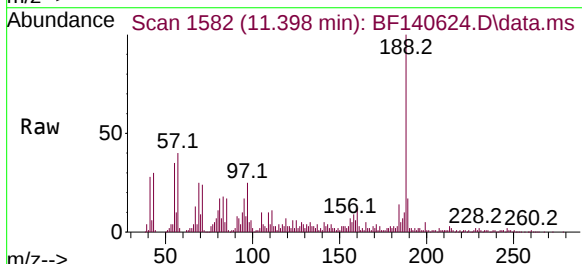
Instrument :  
BNA\_F  
ClientSampleId :  
TR-05-112124

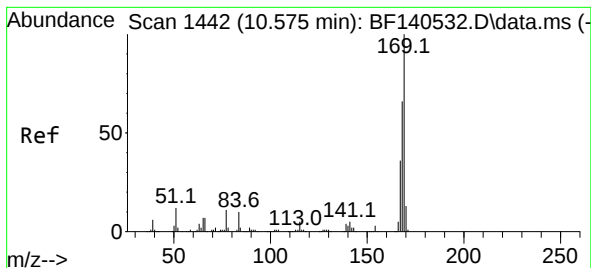
Tgt Ion: 77 Resp: 61577  
Ion Ratio Lower Upper  
77 100  
182 77.4 5.3 45.3#  
105 144.3 0.3 40.3#  
51 36.0 9.4 49.4



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.398 min Scan# 1582  
Delta R.T. -0.006 min  
Lab File: BF140624.D  
Acq: 26 Nov 2024 00:40

Tgt Ion: 188 Resp: 161741  
Ion Ratio Lower Upper  
188 100  
94 10.5 6.4 9.6#  
80 11.0 6.9 10.3#

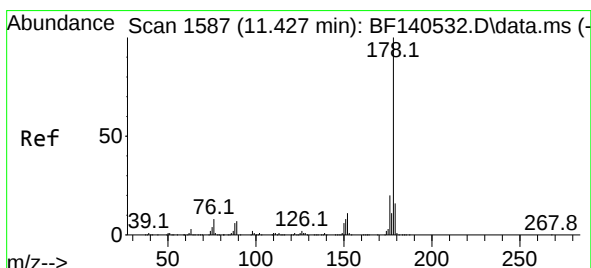
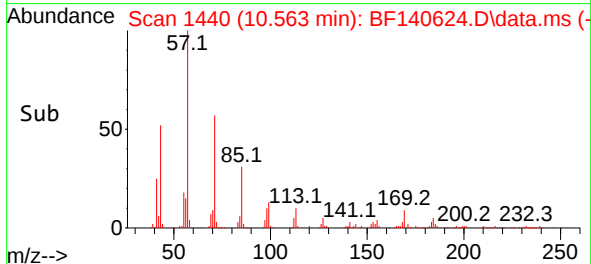
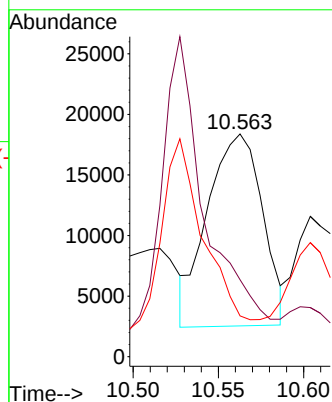
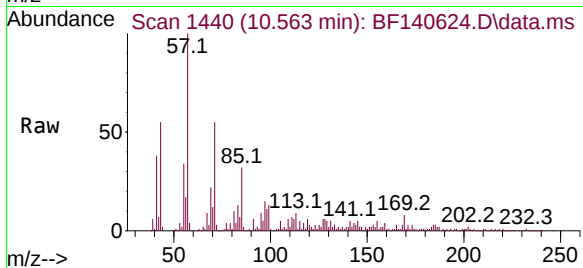




#66  
n-Nitrosodiphenylamine  
Concen: 7.441 ng  
RT: 10.563 min Scan# 1440  
Delta R.T. -0.012 min  
Lab File: BF140624.D  
Acq: 26 Nov 2024 00:40

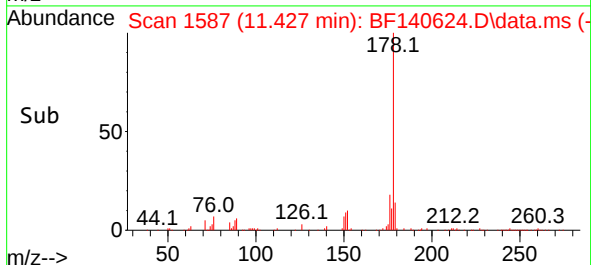
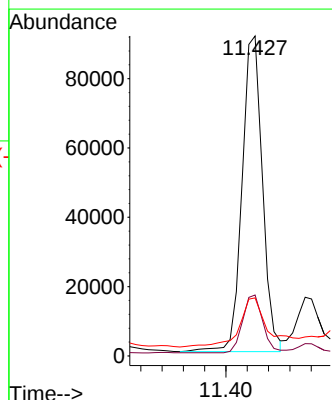
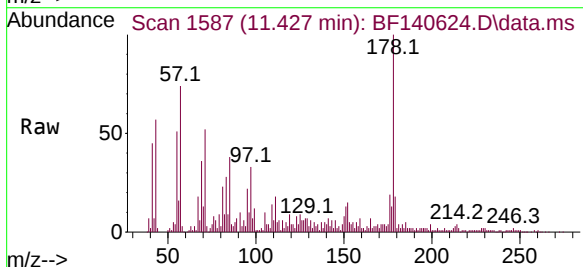
Instrument :  
BNA\_F  
ClientSampleId :  
TR-05-112124

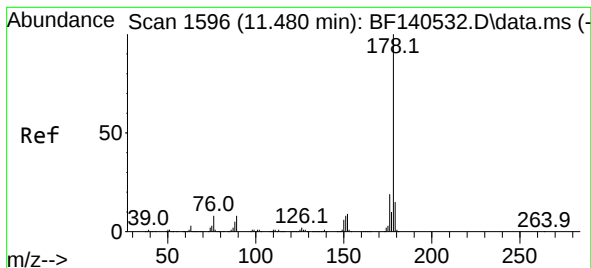
Tgt Ion:169 Resp: 35592  
Ion Ratio Lower Upper  
169 100  
168 34.5 53.2 79.8#  
167 18.3 29.0 43.6#



#71  
Phenanthrene  
Concen: 15.611 ng  
RT: 11.427 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: BF140624.D  
Acq: 26 Nov 2024 00:40

Tgt Ion:178 Resp: 121369  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.8 23.6  
179 18.2 12.4 18.6





#72

Anthracene

Concen: 15.959 ng

RT: 11.427 min Scan# 11

Delta R.T. -0.053 min

Lab File: BF140624.D

Acq: 26 Nov 2024 00:40

Instrument :

BNA\_F

ClientSampleId :

TR-05-112124

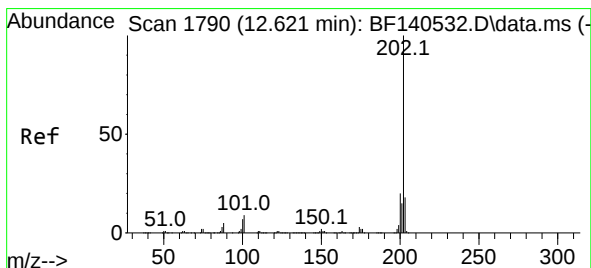
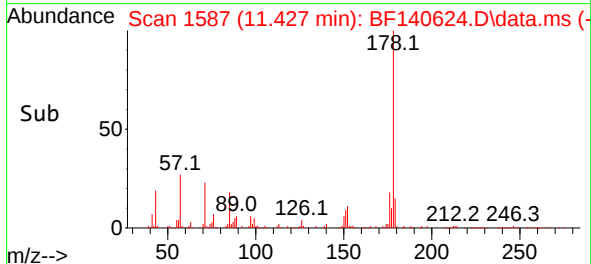
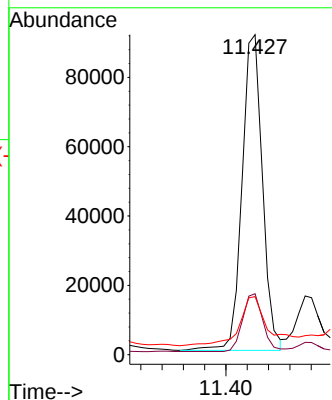
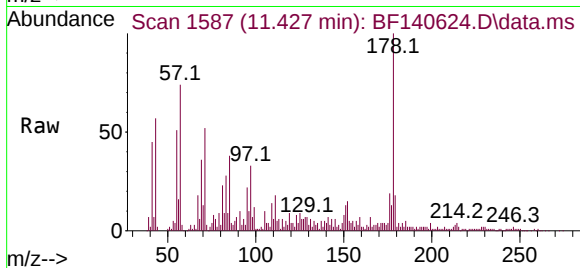
Tgt Ion:178 Resp: 121369

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.4

179 18.2 12.2 18.4



#75

Fluoranthene

Concen: 22.525 ng

RT: 12.616 min Scan# 1789

Delta R.T. -0.006 min

Lab File: BF140624.D

Acq: 26 Nov 2024 00:40

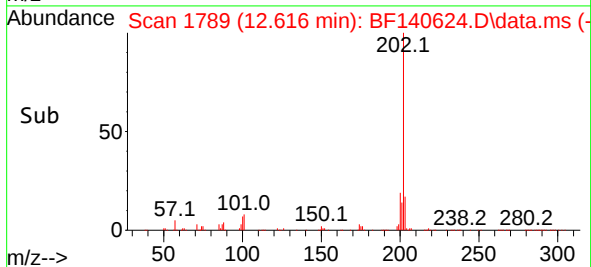
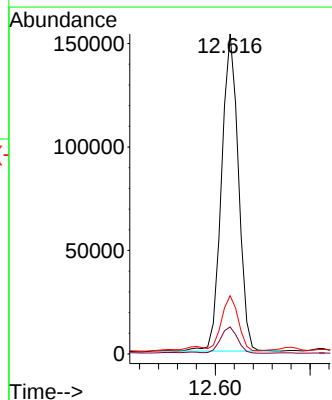
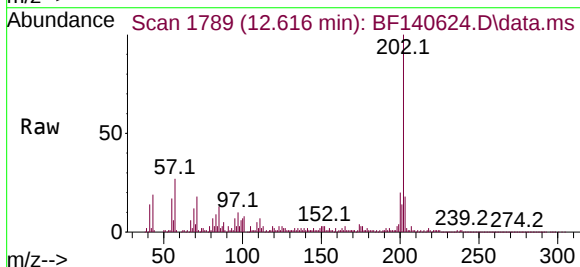
Tgt Ion:202 Resp: 190138

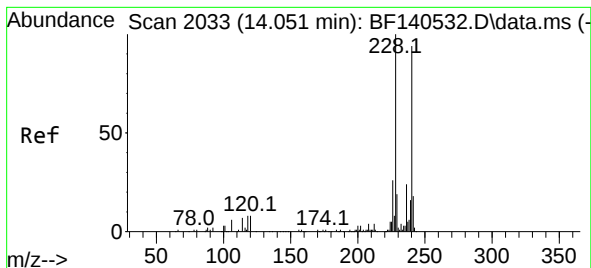
Ion Ratio Lower Upper

202 100

101 8.5 0.0 28.9

203 18.2 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF140624.D

Acq: 26 Nov 2024 00:40

Instrument :

BNA\_F

ClientSampleId :

TR-05-112124

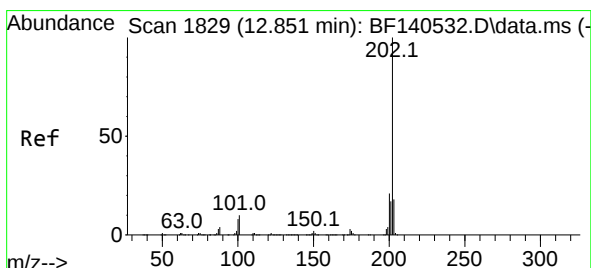
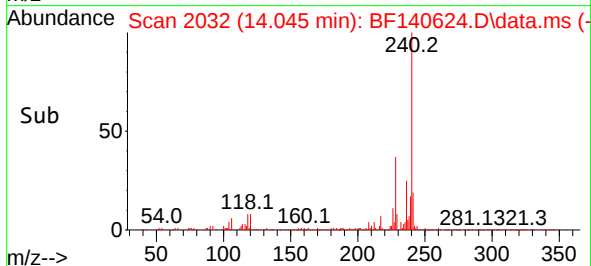
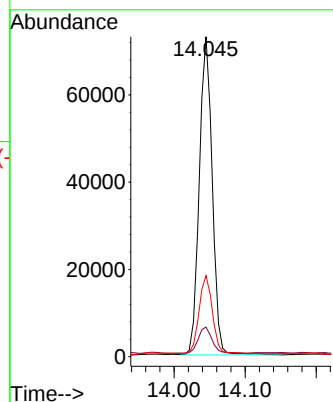
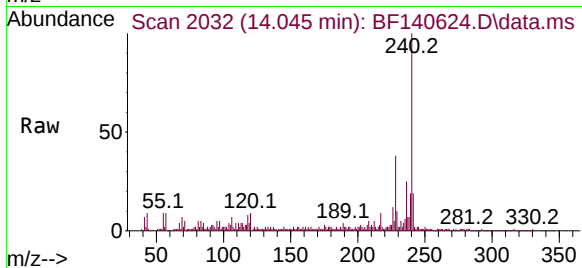
Tgt Ion:240 Resp: 92507

Ion Ratio Lower Upper

240 100

120 9.2 7.3 10.9

236 25.4 20.6 31.0



#78

Pyrene

Concen: 19.457 ng

RT: 12.845 min Scan# 1828

Delta R.T. -0.006 min

Lab File: BF140624.D

Acq: 26 Nov 2024 00:40

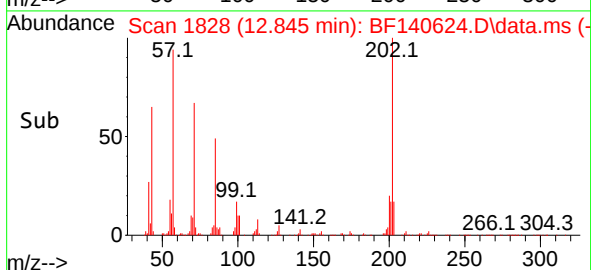
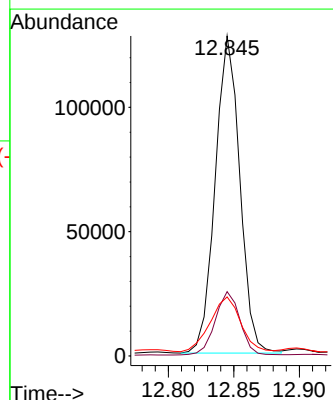
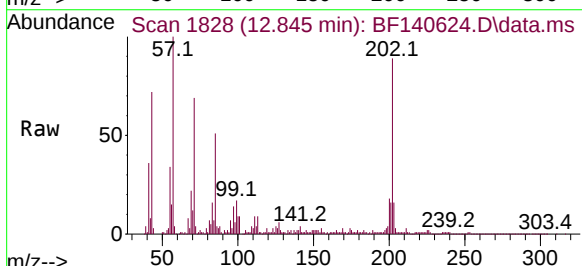
Tgt Ion:202 Resp: 166421

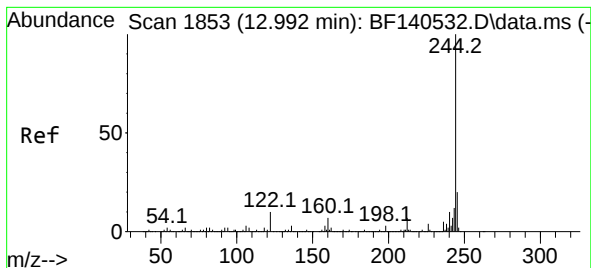
Ion Ratio Lower Upper

202 100

200 20.1 16.5 24.7

203 18.4 14.2 21.4





#79

Terphenyl-d14

Concen: 77.807 ng

RT: 12.986 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140624.D

Acq: 26 Nov 2024 00:40

Instrument :

BNA\_F

ClientSampleId :

TR-05-112124

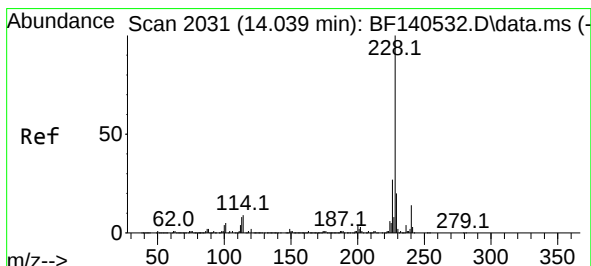
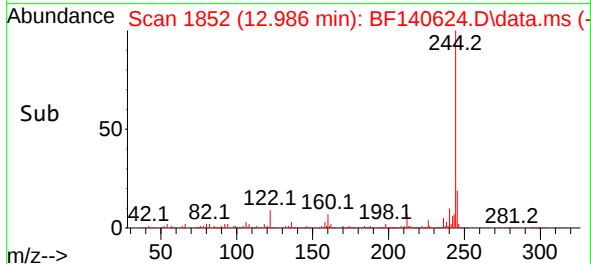
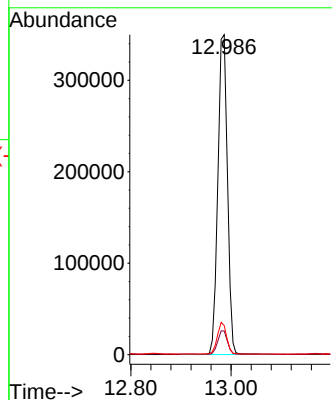
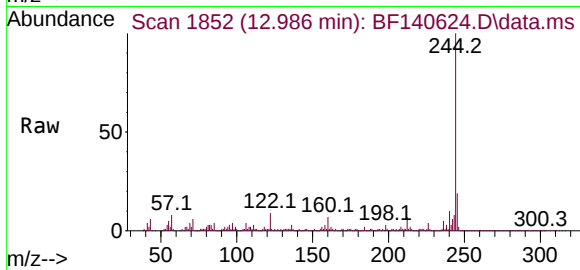
Tgt Ion:244 Resp: 462240

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 9.1 8.0 12.0



#81

Benzo(a)anthracene

Concen: 11.183 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF140624.D

Acq: 26 Nov 2024 00:40

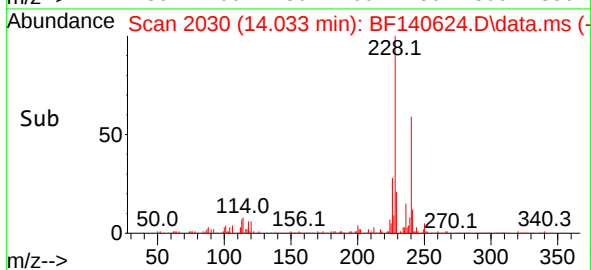
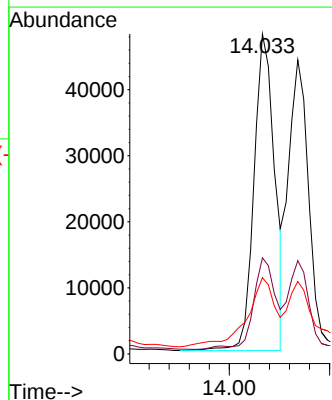
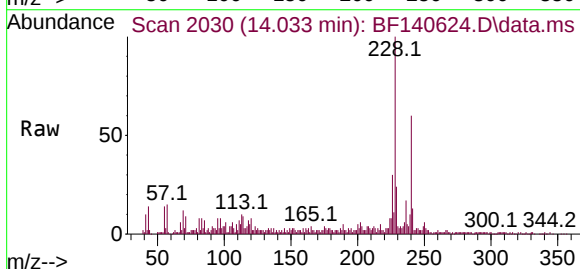
Tgt Ion:228 Resp: 68479

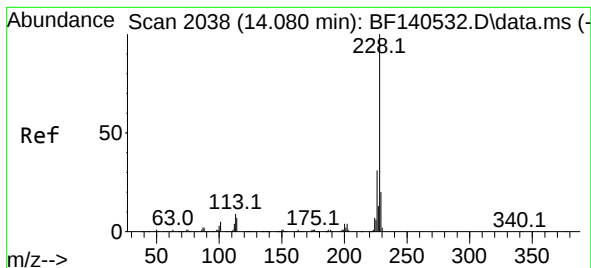
Ion Ratio Lower Upper

228 100

226 30.0 21.8 32.8

229 23.8 15.8 23.6#





#83

Chrysene

Concen: 10.953 ng

RT: 14.068 min Scan# 2038

Delta R.T. -0.012 min

Lab File: BF140624.D

Acq: 26 Nov 2024 00:40

Instrument :

BNA\_F

ClientSampleId :

TR-05-112124

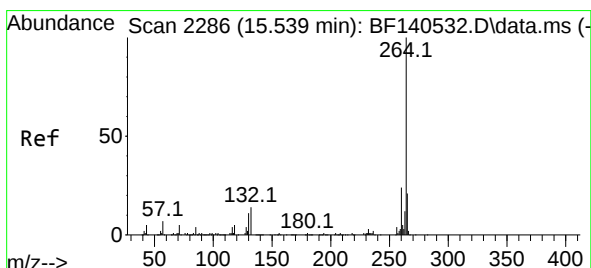
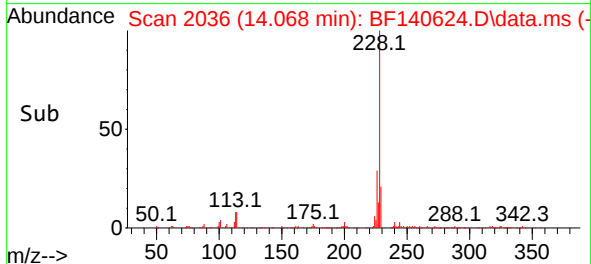
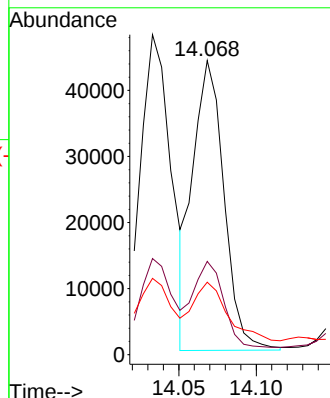
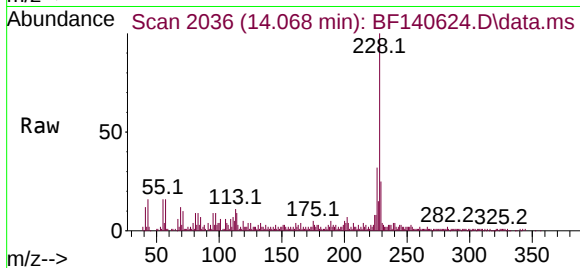
Tgt Ion:228 Resp: 61327

Ion Ratio Lower Upper

228 100

226 31.7 24.4 36.6

229 24.7 15.8 23.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. -0.000 min

Lab File: BF140624.D

Acq: 26 Nov 2024 00:40

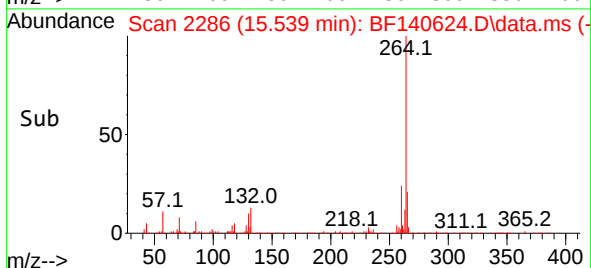
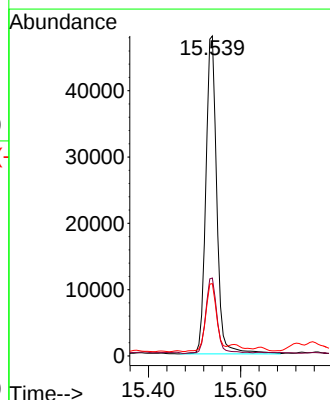
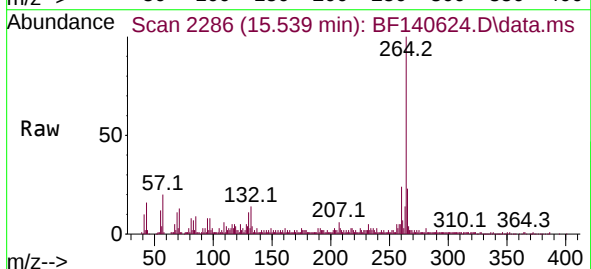
Tgt Ion:264 Resp: 79717

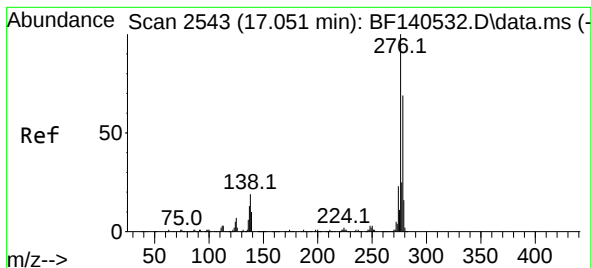
Ion Ratio Lower Upper

264 100

260 24.4 19.0 28.6

265 22.6 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.364 ng

RT: 17.045 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140624.D

Acq: 26 Nov 2024 00:40

Instrument :

BNA\_F

ClientSampleId :

TR-05-112124

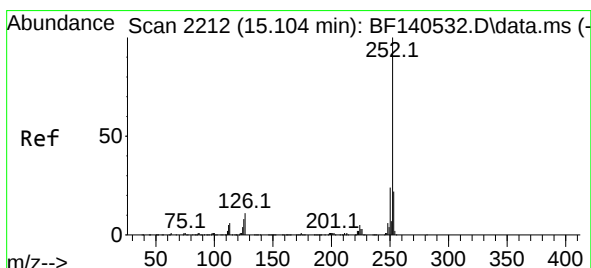
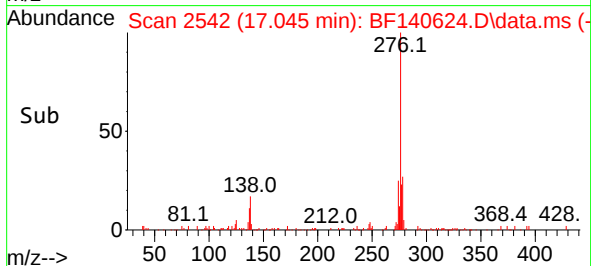
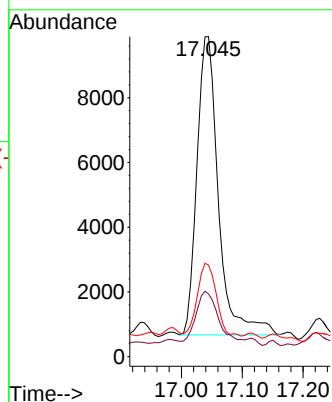
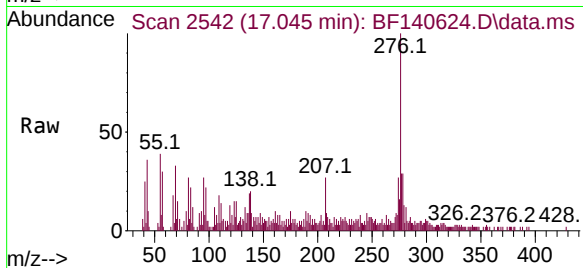
Tgt Ion:276 Resp: 22673

Ion Ratio Lower Upper

276 100

138 16.5 15.5 23.3

277 23.3 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 17.291 ng

RT: 15.104 min Scan# 2212

Delta R.T. -0.000 min

Lab File: BF140624.D

Acq: 26 Nov 2024 00:40

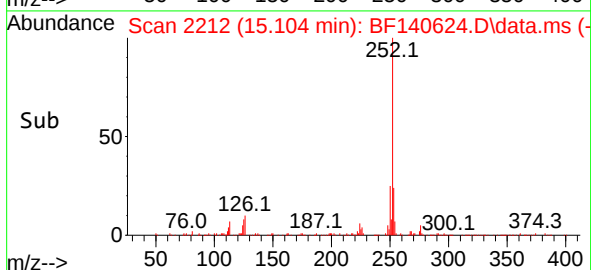
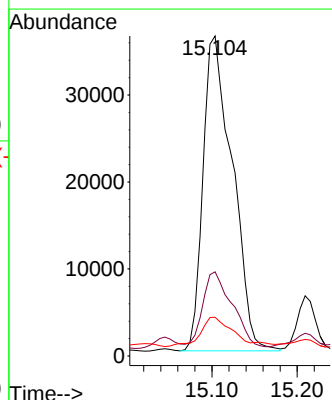
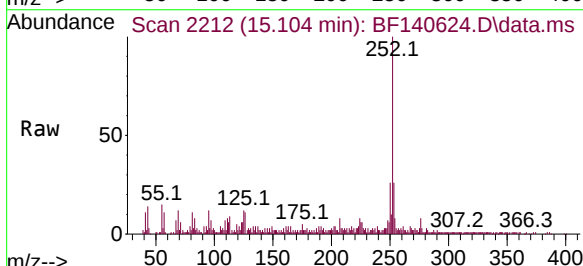
Tgt Ion:252 Resp: 86579

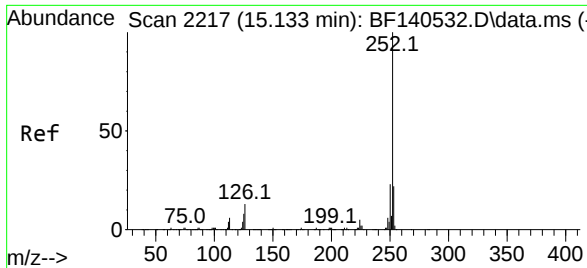
Ion Ratio Lower Upper

252 100

253 26.3 17.2 25.8#

125 12.1 6.7 10.1#





#89

Benzo(k)fluoranthene

Concen: 19.759 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.030 min

Lab File: BF140624.D

Acq: 26 Nov 2024 00:40

Instrument :

BNA\_F

ClientSampleId :

TR-05-112124

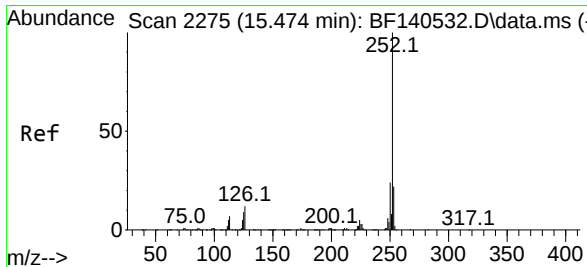
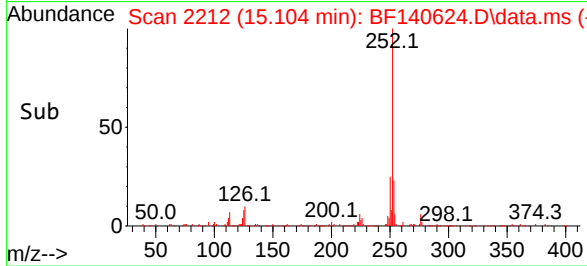
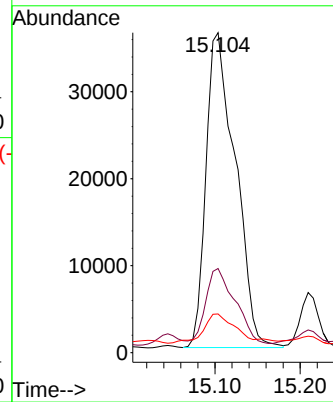
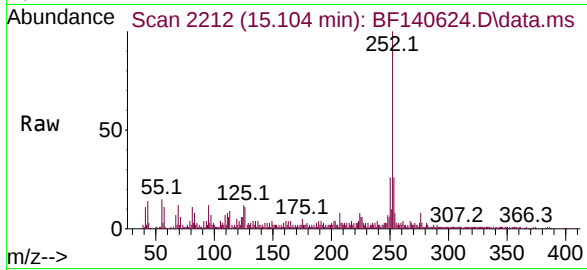
Tgt Ion:252 Resp: 86579

Ion Ratio Lower Upper

252 100

253 26.3 17.5 26.3#

125 12.1 6.5 9.7#



#90

Benzo(a)pyrene

Concen: 10.685 ng

RT: 15.474 min Scan# 2275

Delta R.T. -0.000 min

Lab File: BF140624.D

Acq: 26 Nov 2024 00:40

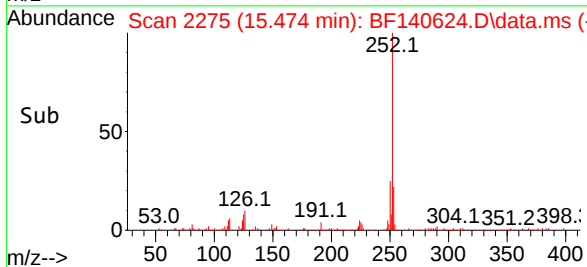
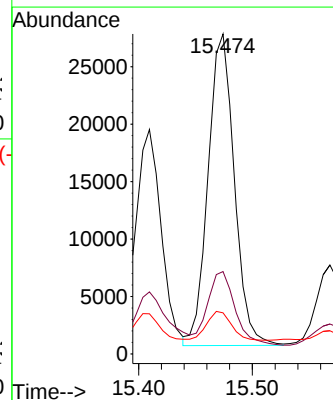
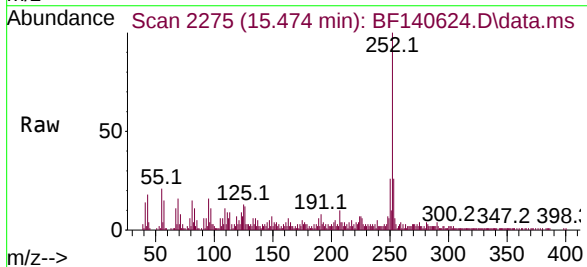
Tgt Ion:252 Resp: 43501

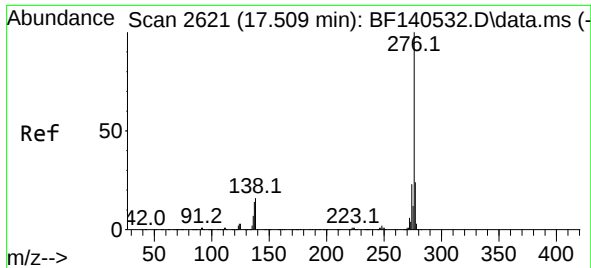
Ion Ratio Lower Upper

252 100

253 25.8 17.3 25.9

125 12.9 7.0 10.6#





#92  
 Benzo(g,h,i)perylene  
 Concen: 4.774 ng  
 RT: 17.498 min Scan# 20  
 Delta R.T. -0.012 min  
 Lab File: BF140624.D  
 Acq: 26 Nov 2024 00:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TR-05-112124

Tgt Ion:276 Resp: 20728  
 Ion Ratio Lower Upper  
 276 100  
 277 26.7 18.9 28.3  
 138 21.4 13.2 19.8#

