

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\  
 Data File : BF104023.D  
 Acq On : 28 Mar 2018 21:09  
 Operator : JU/SJ  
 Sample : J2067-01 2X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Mar 29 01:53:22 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 28 13:41:47 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.97  | 152  | 120160   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.25  | 136  | 432087   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.04 | 164  | 22608    | 20.00 | ng    | 0.04     |
| 63) Phenanthrene-d10      | 11.63 | 188  | 41488    | 20.00 | ng    | 0.13     |
| 75) Chrysene-d12          | 14.21 | 240  | 149958   | 20.00 | ng    | 0.05     |
| 86) Perylene-d12          | 15.72 | 264  | 236295   | 20.00 | ng    | 0.02     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.65  | 112  | 8231     | 1.09  | ng    | 0.05     |
| 7) Phenol-d6                | 6.65  | 99   | 17266    | 1.86  | ng    | 0.04     |
| 23) Nitrobenzene-d5         | 7.53  | 82   | 34479    | 4.88  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.89 | 330  | 3186     | 12.66 | ng    | 0.08     |
| 44) 2-Fluorobiphenyl        | 9.35  | 172  | 82232    | 57.36 | ng    | 0.03     |
| 78) Terphenyl-d14           | 13.17 | 244  | 18859    | 2.90  | ng    | 0.08     |

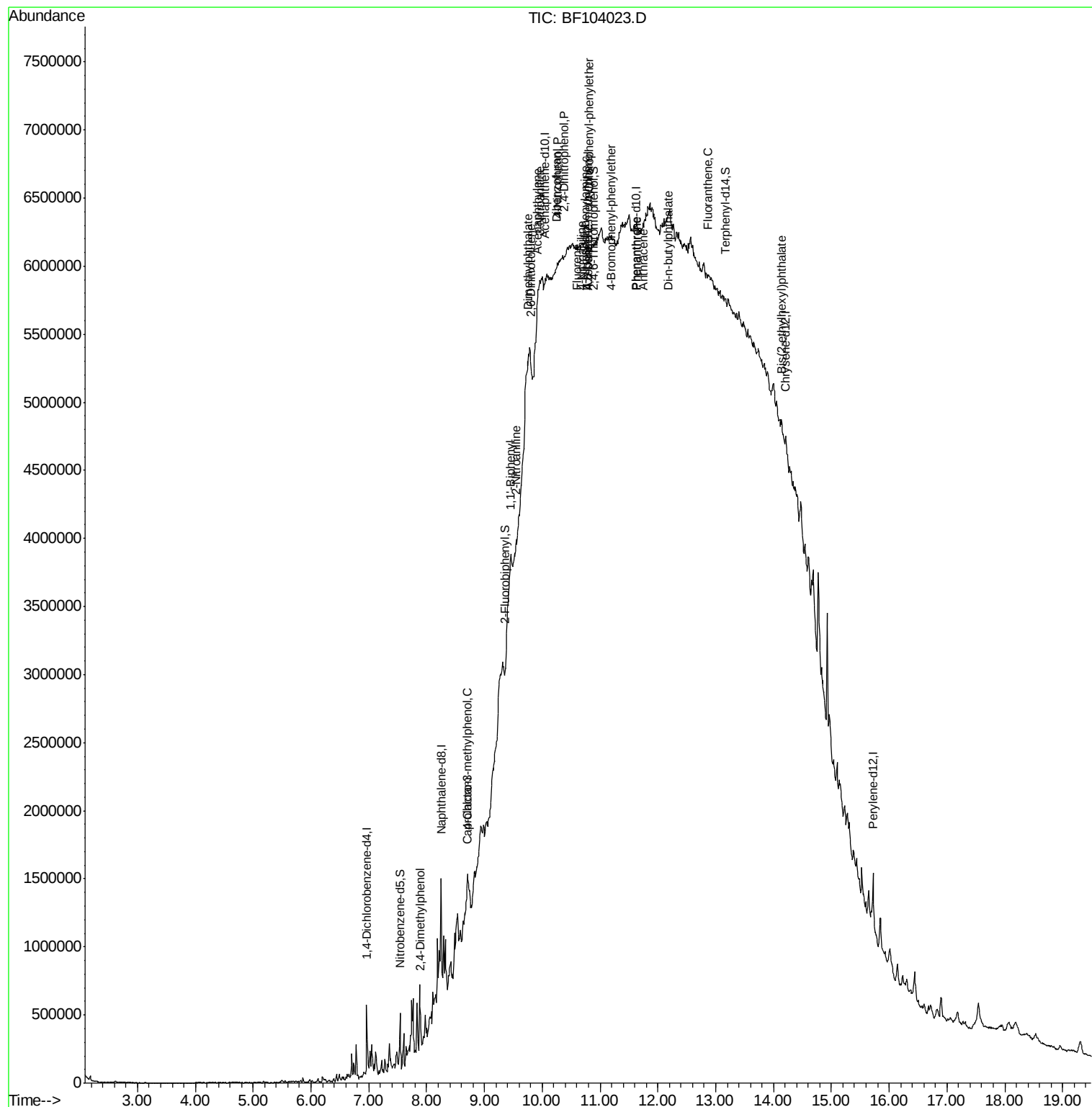
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units | Qvalue |
|--------------------------------|-------|------|----------|-----------|-------|--------|
| 9) Benzaldehyde                | 6.52  | 77   | 1180     | Below Cal |       | # 1    |
| 27) 2,4-Dimethylphenol         | 7.90  | 122  | 11432    | 2.043     | ng    | # 17   |
| 35) Caprolactam                | 8.69  | 113  | 17379    | 9.376     | ng    | # 1    |
| 36) 4-Chloro-3-methylphenol    | 8.71  | 107  | 86984    | 14.069    | ng    | # 20   |
| 45) 1,1'-Biphenyl              | 9.46  | 154  | 19577    | 10.089    | ng    | # 24   |
| 47) 2-Nitroaniline             | 9.55  | 65   | 6078     | 13.926    | ng    | # 72   |
| 48) Acenaphthylene             | 9.91  | 152  | 8410     | 3.627     | ng    | # 1    |
| 49) Dimethylphthalate          | 9.76  | 163  | 4796     | 2.687     | ng    | # 3    |
| 50) 2,6-Dinitrotoluene         | 9.80  | 165  | 5733     | 14.929    | ng    | # 38   |
| 52) 3-Nitroaniline             | 9.96  | 138  | 4405     | 9.979     | ng    | # 28   |
| 53) 2,4-Dinitrophenol          | 10.37 | 184  | 35221    | 201.025   | ng    | # 59   |
| 54) Dibenzofuran               | 10.25 | 168  | 5458     | 2.786     | ng    | # 1    |
| 55) 4-Nitrophenol              | 10.26 | 139  | 1812     | 6.846     | ng    | # 1    |
| 57) Fluorene                   | 10.60 | 166  | 15547    | 9.622     | ng    | # 1    |
| 60) 4-Chlorophenyl-phenylether | 10.80 | 204  | 4279     | 5.766     | ng    | # 1    |
| 61) 4-Nitroaniline             | 10.67 | 138  | 1631     | 3.949     | ng    | # 12   |
| 62) Azobenzene                 | 10.79 | 77   | 10909    | 7.055     | ng    | # 34   |
| 64) 4,6-Dinitro-2-methylphenol | 10.78 | 198  | 6142     | 24.457    | ng    | # 1    |
| 65) n-Nitrosodiphenylamine     | 10.75 | 169  | 69434    | 49.417    | ng    | # 60   |
| 66) 4-Bromophenyl-phenylether  | 11.20 | 248  | 1190     | 2.681     | ng    | # 1    |
| 70) Phenanthrene               | 11.65 | 178  | 94798    | 42.204    | ng    | # 15   |
| 71) Anthracene                 | 11.74 | 178  | 10745    | 4.580     | ng    | # 1    |
| 73) Di-n-butylphthalate        | 12.19 | 149  | 12377    | 4.640     | ng    | # 17   |
| 74) Fluoranthene               | 12.87 | 202  | 8589     | 3.597     | ng    | # 1    |
| 83) Bis(2-ethylhexyl)phthalate | 14.13 | 149  | 27828    | 4.241     | ng    | # 51   |

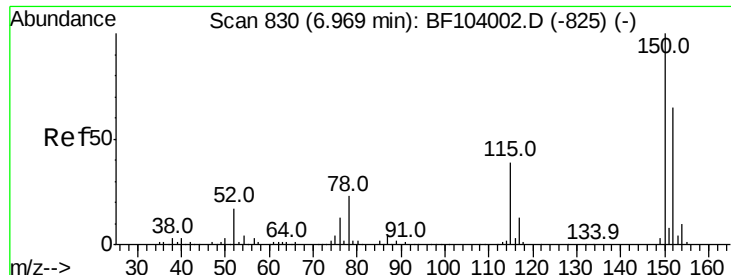
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\  
Data File : BF104023.D  
Acq On : 28 Mar 2018 21:09  
Operator : JU/SJ  
Sample : J2067-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :

Quant Time: Mar 29 01:53:22 2018  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 28 13:41:47 2018  
Response via : Initial Calibration



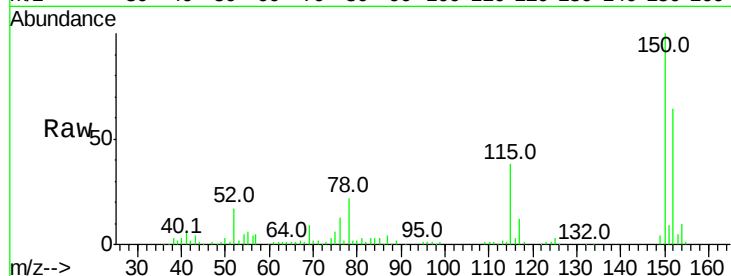


#1

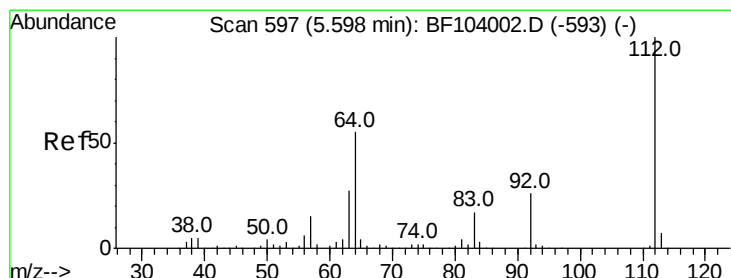
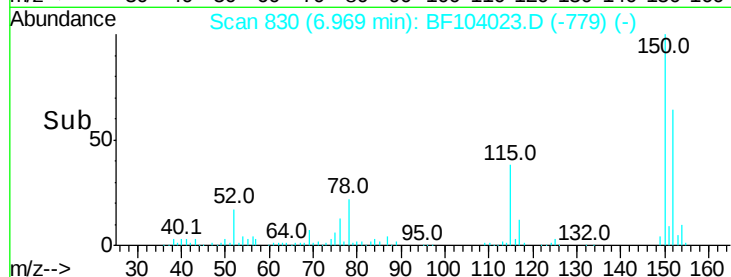
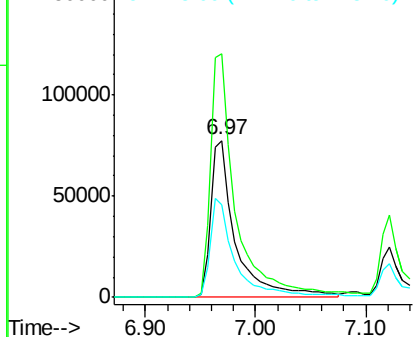
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.97 min Scan# 830  
Delta R.T. -0.00 min  
Lab File: BF104023.D  
Acq: 28 Mar 2018 21:09

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 120160  
Ion Ratio Lower Upper  
152 100  
150 155.5 124.6 186.8  
115 59.4 50.1 75.1



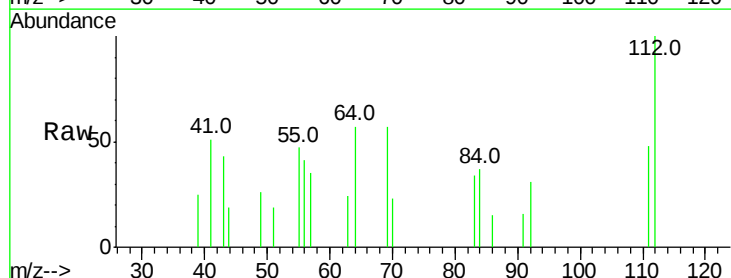
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



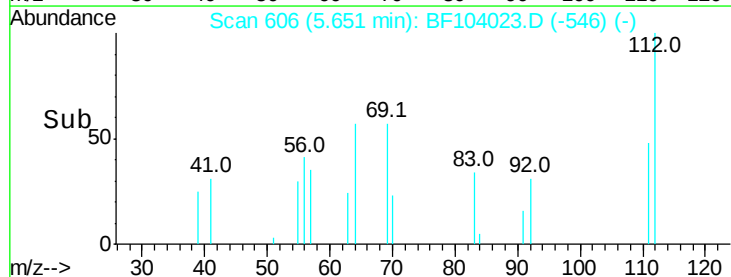
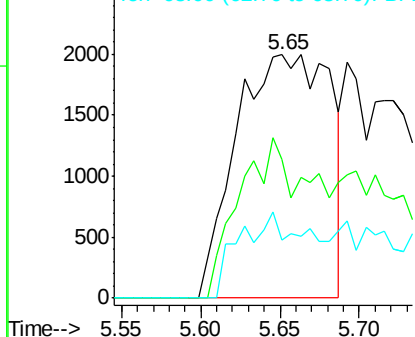
#5

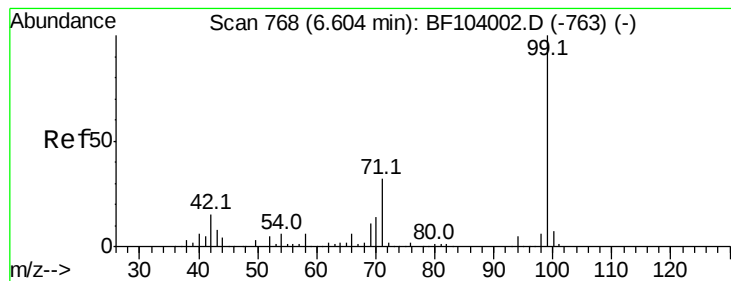
2-Fluorophenol  
Concen: 1.092 ng  
RT: 5.65 min Scan# 606  
Delta R.T. 0.05 min  
Lab File: BF104023.D  
Acq: 28 Mar 2018 21:09

Tgt Ion:112 Resp: 8231  
Ion Ratio Lower Upper  
112 100  
64 56.9 47.9 71.9  
63 23.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 1.863 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.04 min

Lab File: BF104023.D

Acq: 28 Mar 2018 21:09

Instrument :

BNA\_F

ClientSampleId :

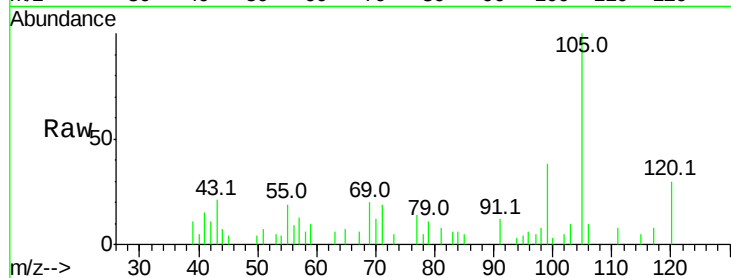
Tot Ion: 99 Resp: 17266

Ion Ratio Lower Upper

99 100

42 27.9 14.5 21.7#

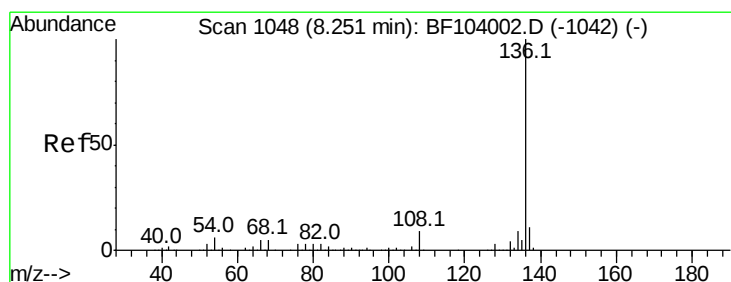
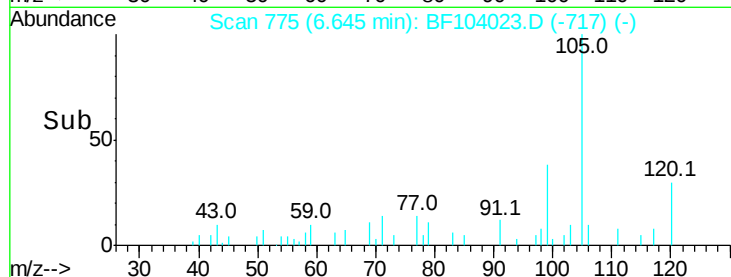
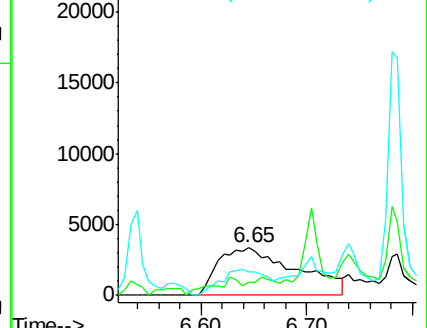
71 50.4 25.4 38.0#



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF104023.D

Acq: 28 Mar 2018 21:09

Tgt Ion:136 Resp: 432087

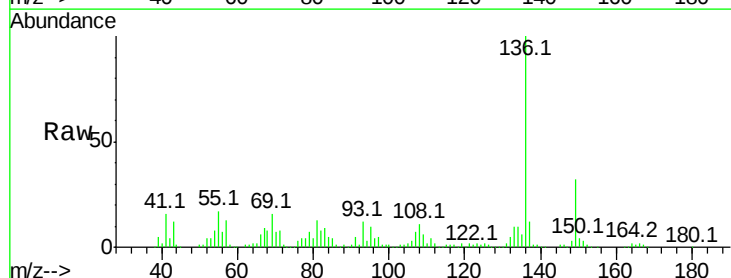
Ion Ratio Lower Upper

136 100

137 12.1 8.9 13.3

54 7.7 6.6 9.8

68 7.9 5.0 7.4#

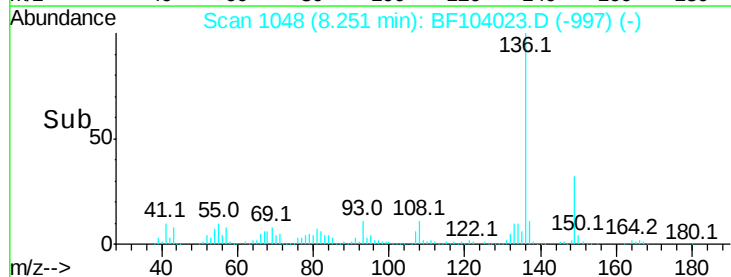
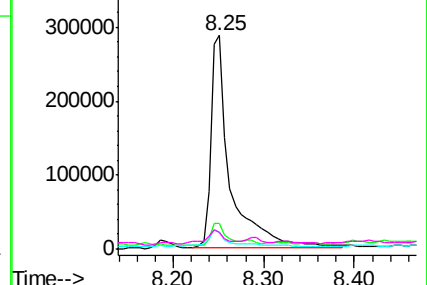


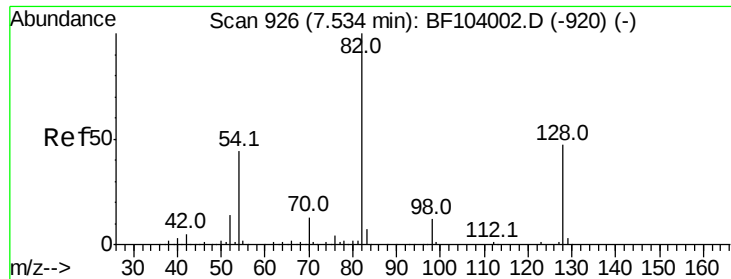
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

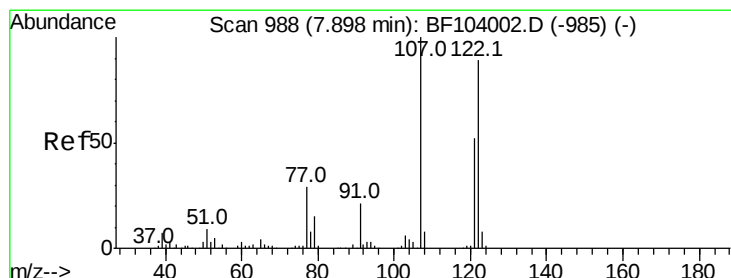
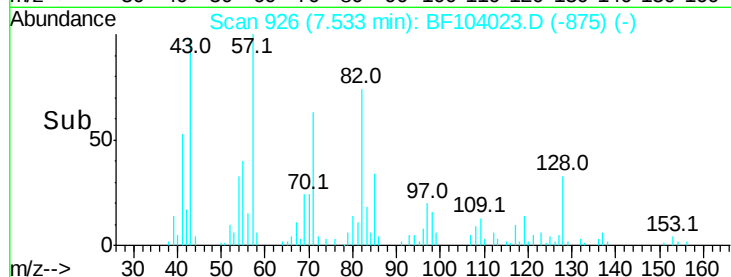
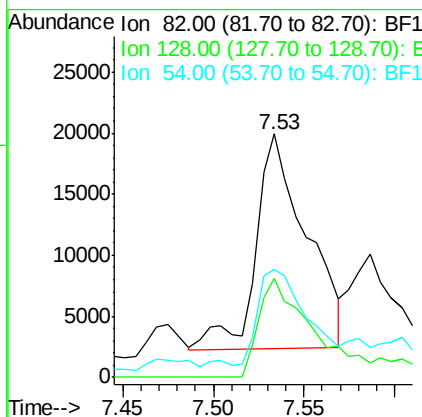
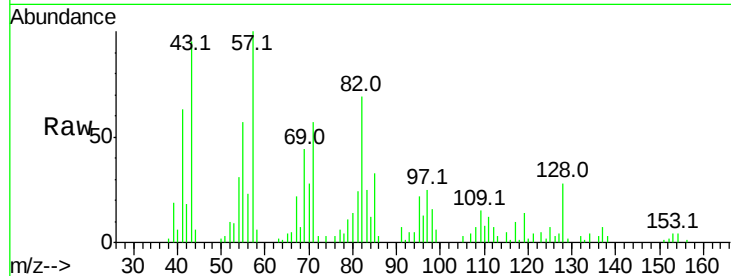




#23  
 Nitrobenzene-d5  
 Concen: 4.880 ng  
 RT: 7.53 min Scan# 926  
 Delta R.T. -0.00 min  
 Lab File: BF104023.D  
 Acq: 28 Mar 2018 21:09

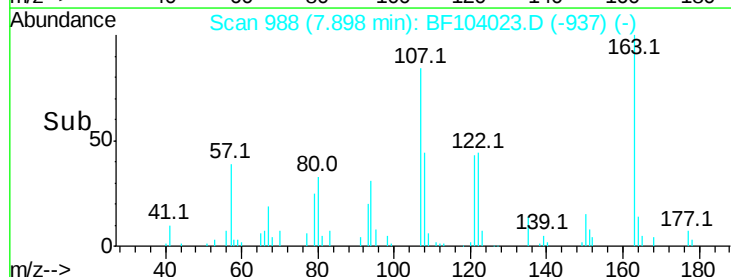
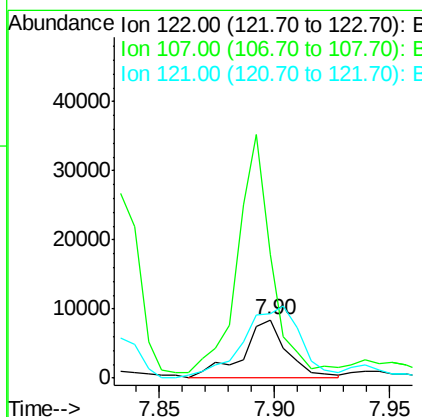
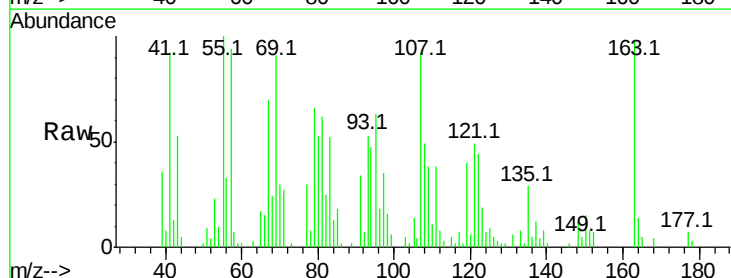
Instrument :  
 BNA\_F  
 ClientSampled :

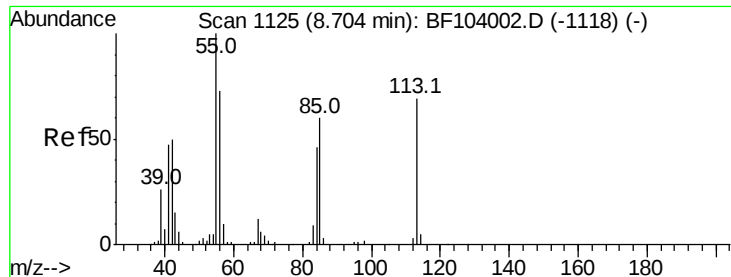
Tot Ion: 82 Resp: 34479  
 Ion Ratio Lower Upper  
 82 100  
 128 40.6 36.1 54.1  
 54 44.3 41.4 62.2



#27  
 2,4-Dimethylphenol  
 Concen: 2.043 ng  
 RT: 7.90 min Scan# 988  
 Delta R.T. -0.00 min  
 Lab File: BF104023.D  
 Acq: 28 Mar 2018 21:09

Tgt Ion:122 Resp: 11432  
 Ion Ratio Lower Upper  
 122 100  
 107 211.2 91.2 136.8#  
 121 111.2 47.2 70.8#





#35

Caprolactam

Concen: 9.376 ng

RT: 8.69 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BF104023.D

Acq: 28 Mar 2018 21:09

Instrument :

BNA\_F

ClientSampleId :

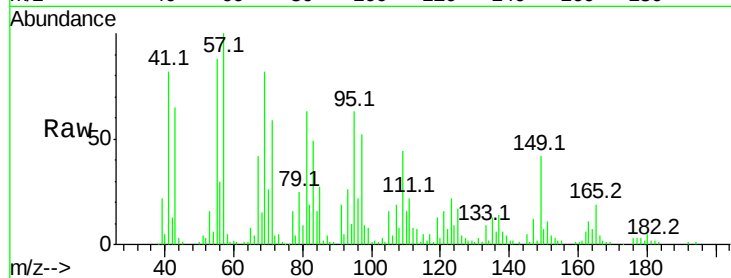
Tot Ion:113 Resp: 17379

Ion Ratio Lower Upper

113 100

55 1248.9 163.3 203.3#

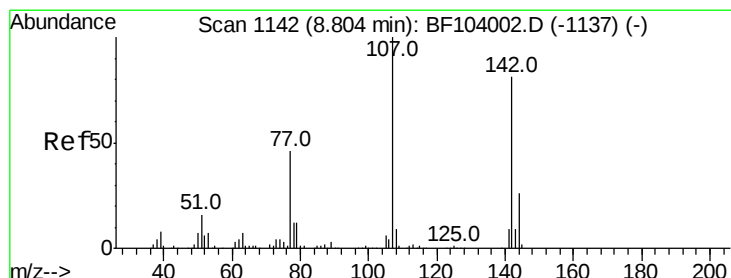
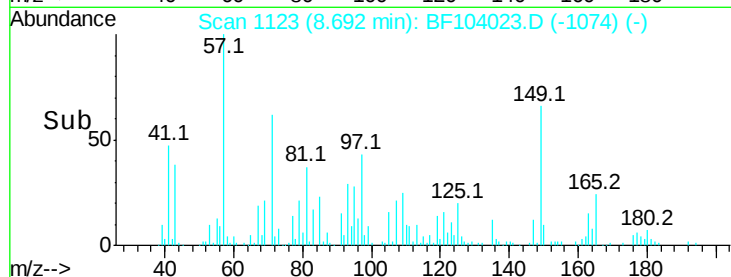
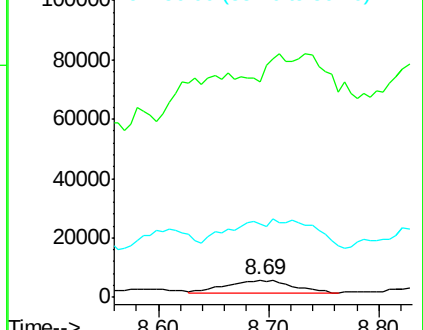
56 427.6 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 14.069 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.09 min

Lab File: BF104023.D

Acq: 28 Mar 2018 21:09

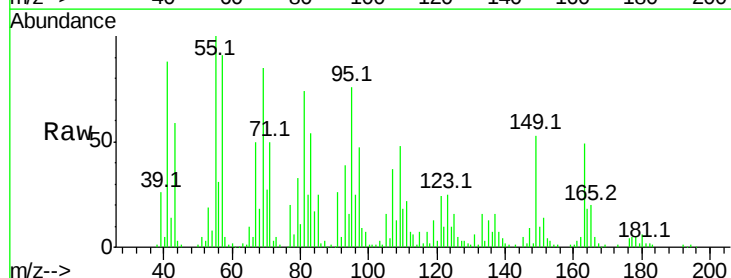
Tgt Ion:107 Resp: 86984

Ion Ratio Lower Upper

107 100

144 0.0 20.5 30.7#

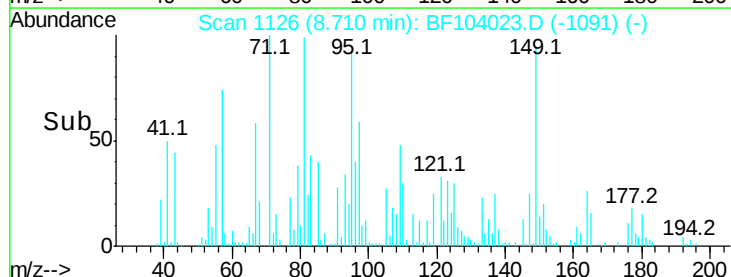
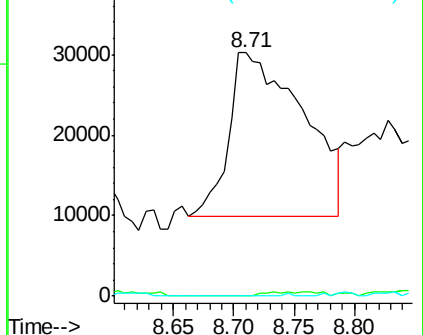
142 0.0 62.0 93.0#

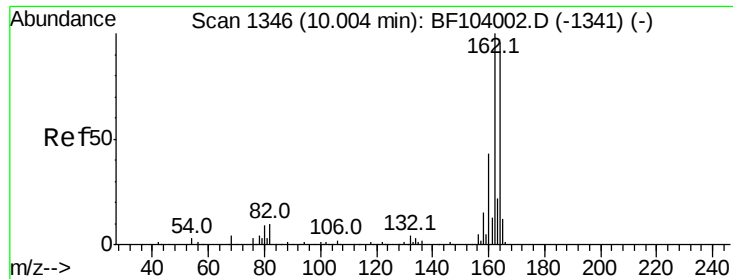


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.04 min

Lab File: BF104023.D

Acq: 28 Mar 2018 21:09

Instrument :

BNA\_F

ClientSampled :

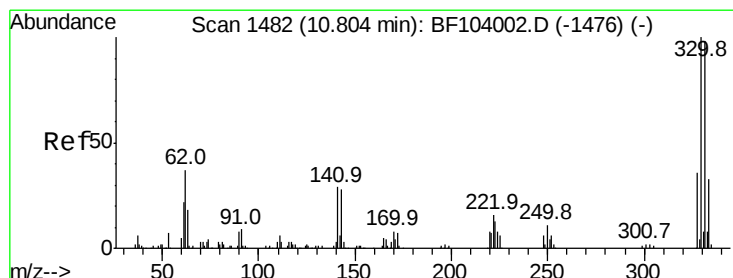
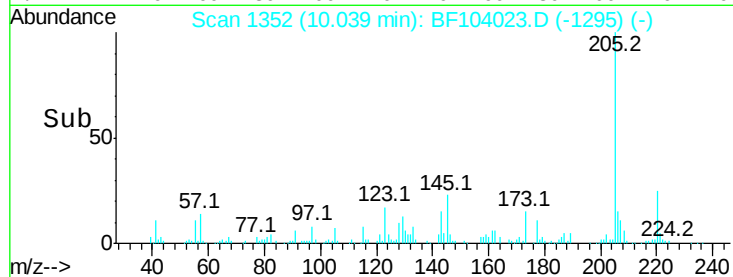
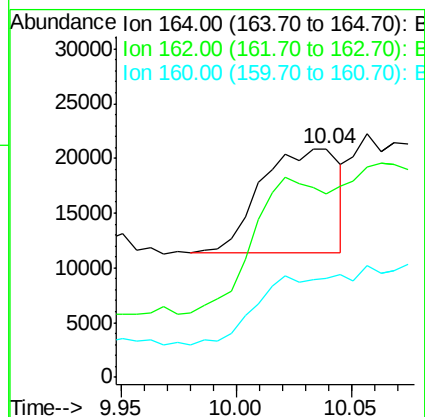
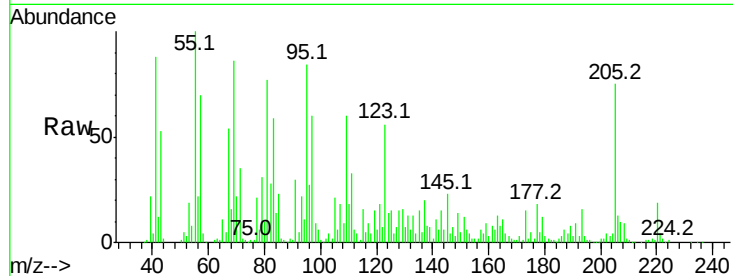
Tot Ion:164 Resp: 22608

Ion Ratio Lower Upper

164 100

162 80.1 86.1 129.1#

160 43.3 38.3 57.5



#41

2,4,6-Tribromophenol

Concen: 12.656 ng

RT: 10.89 min Scan# 1496

Delta R.T. 0.08 min

Lab File: BF104023.D

Acq: 28 Mar 2018 21:09

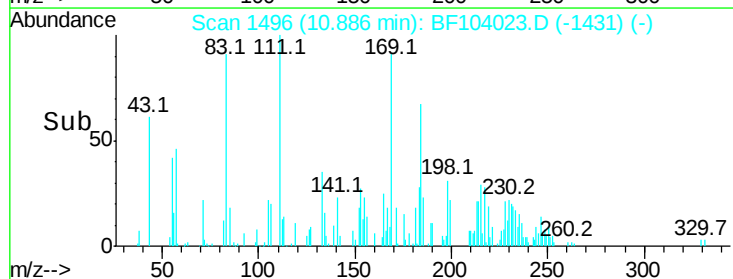
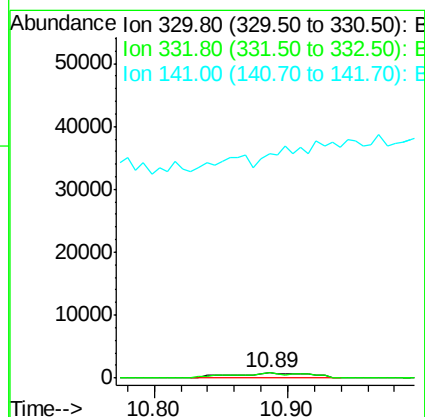
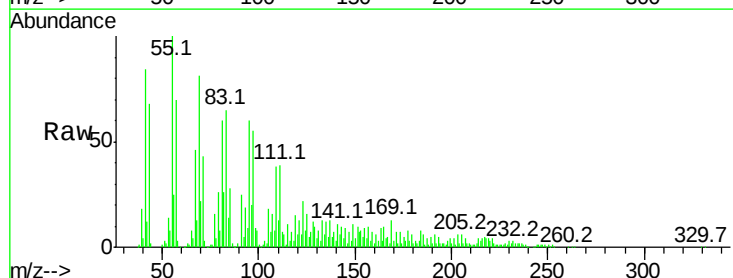
Tgt Ion:330 Resp: 3186

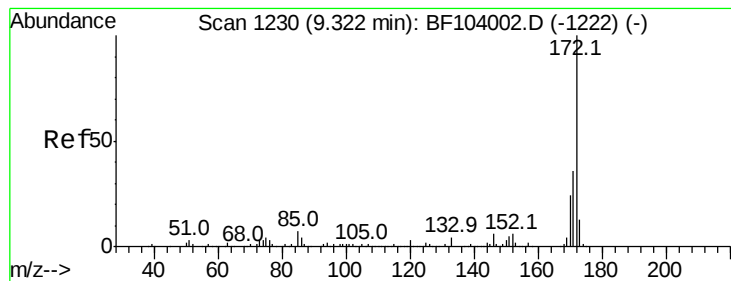
Ion Ratio Lower Upper

330 100

332 66.0 77.0 115.6#

141 126.5 29.9 44.9#





#44

2-Fluorobiphenyl

Concen: 57.357 ng

RT: 9.35 min Scan# 1235

Delta R.T. 0.03 min

Lab File: BF104023.D

Acq: 28 Mar 2018 21:09

Instrument :

BNA\_F

ClientSampleId :

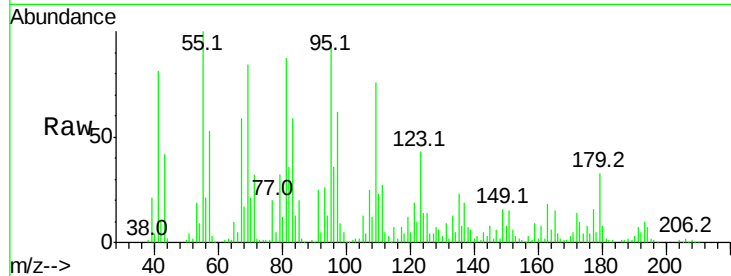
Tot Ion:172 Resp: 82232

Ion Ratio Lower Upper

172 100

171 36.5 29.7 44.5

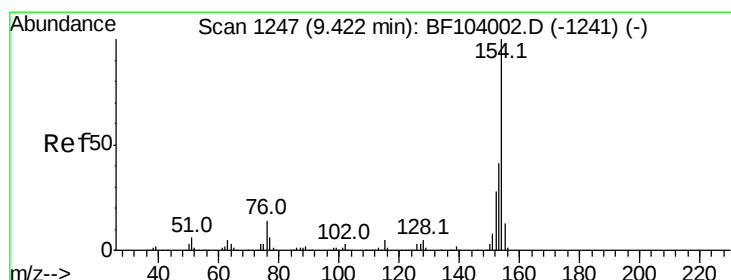
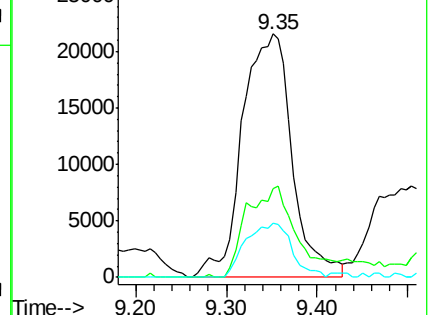
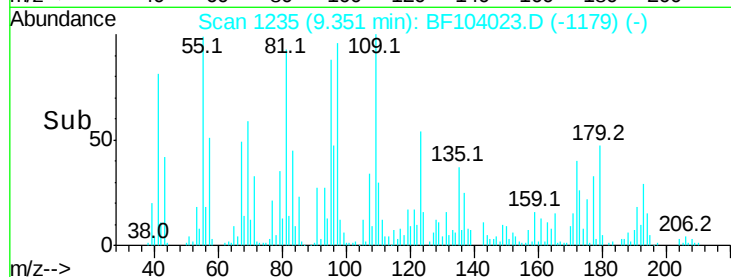
170 22.2 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 10.089 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.04 min

Lab File: BF104023.D

Acq: 28 Mar 2018 21:09

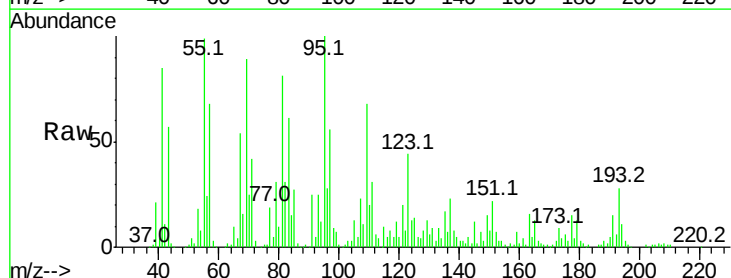
Tgt Ion:154 Resp: 19577

Ion Ratio Lower Upper

154 100

153 98.1 21.3 61.3#

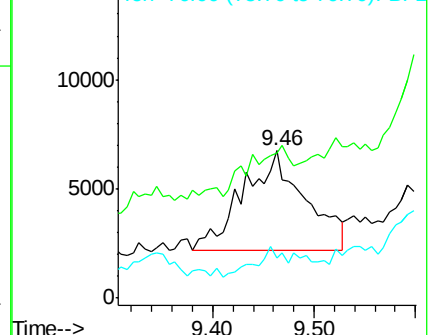
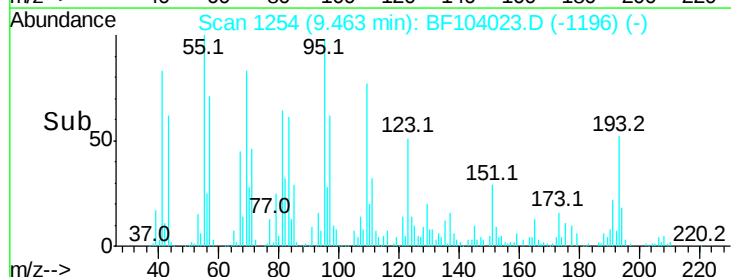
76 27.4 0.0 34.0

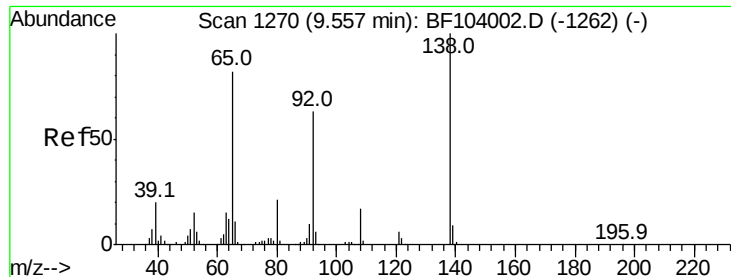


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

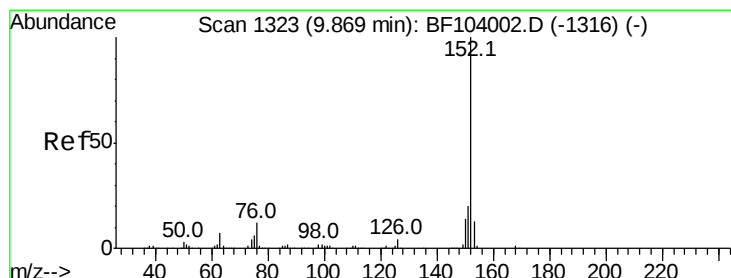
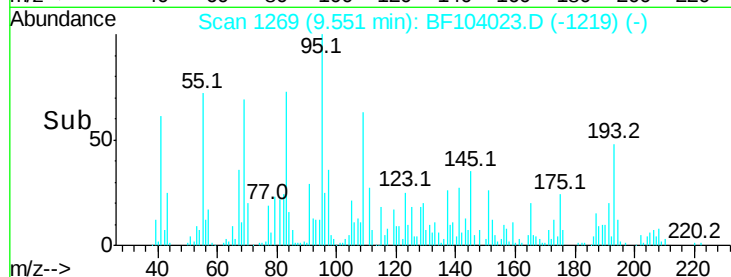
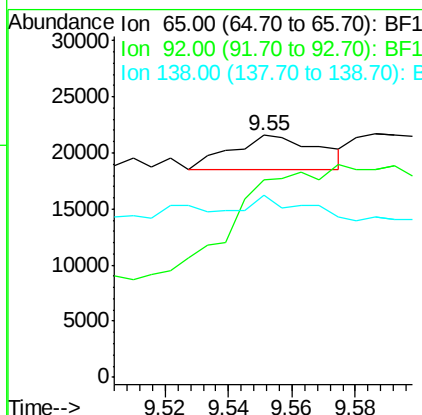
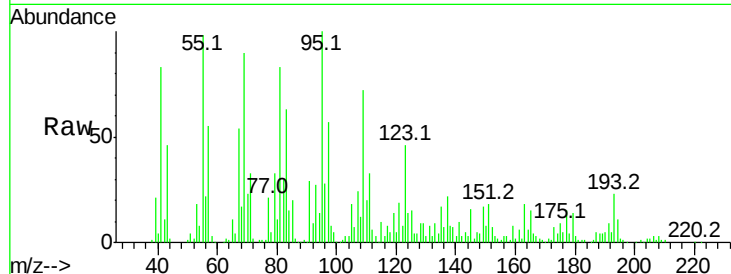




#47  
2-Nitroaniline  
Concen: 13.926 ng  
RT: 9.55 min Scan# 1269  
Delta R.T. -0.01 min  
Lab File: BF104023.D  
Acq: 28 Mar 2018 21:09

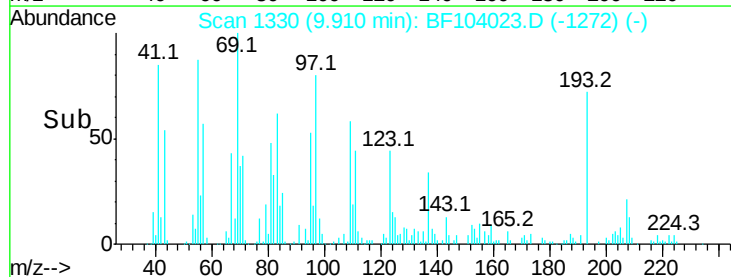
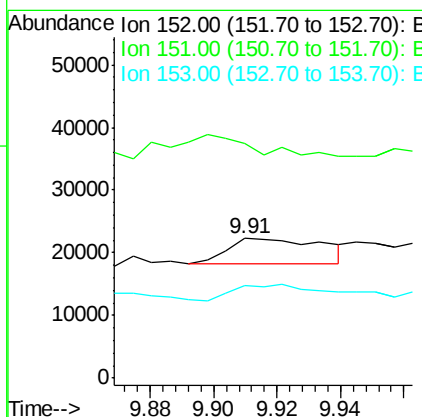
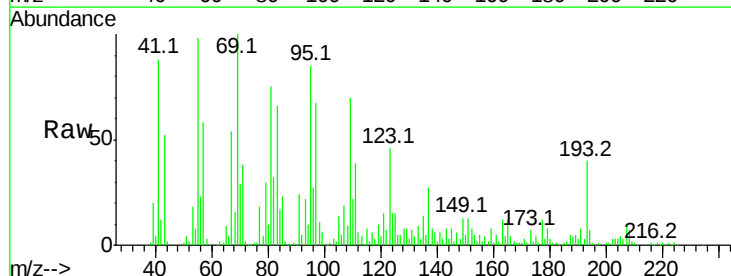
Instrument :  
BNA\_F  
ClientSampleId :

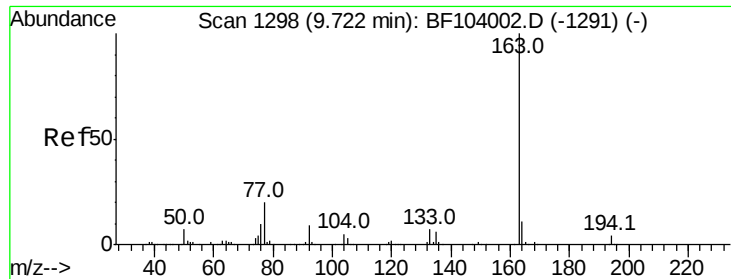
Tot Ion: 65 Resp: 6078  
Ion Ratio Lower Upper  
65 100  
92 81.6 55.8 83.6  
138 75.2 91.2 136.8#



#48  
Acenaphthylene  
Concen: 3.627 ng  
RT: 9.91 min Scan# 1330  
Delta R.T. 0.04 min  
Lab File: BF104023.D  
Acq: 28 Mar 2018 21:09

Tgt Ion: 152 Resp: 8410  
Ion Ratio Lower Upper  
152 100  
151 168.2 16.3 24.5#  
153 66.2 10.7 16.1#





#49

Dimethylphthalate

Concen: 2.687 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.04 min

Lab File: BF104023.D

Acq: 28 Mar 2018 21:09

Instrument :

BNA\_F

ClientSampleId :

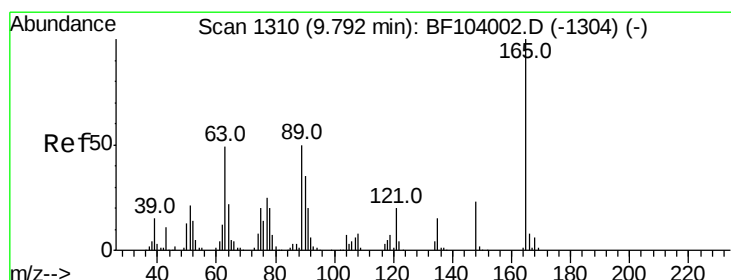
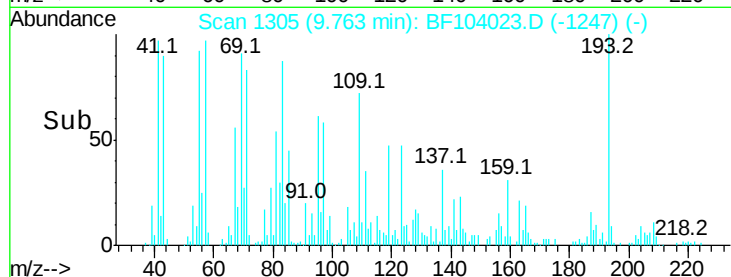
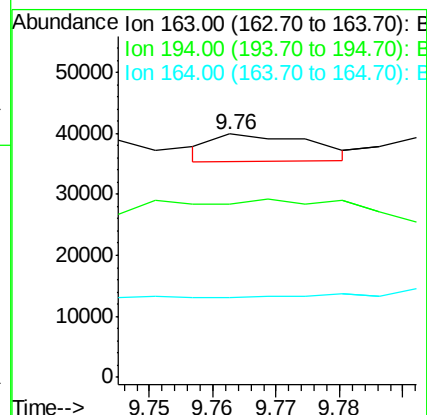
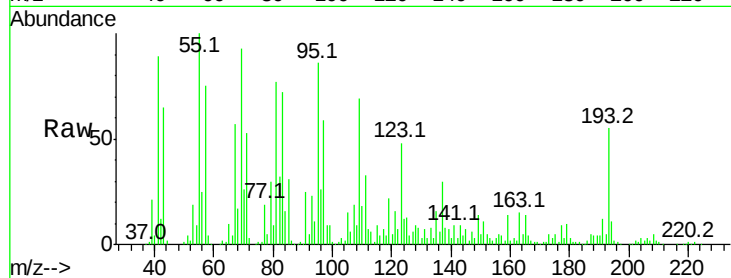
Tot Ion:163 Resp: 4796

Ion Ratio Lower Upper

163 100

194 71.0 2.7 4.1#

164 33.0 8.2 12.2#



#50

2,6-Dinitrotoluene

Concen: 14.929 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF104023.D

Acq: 28 Mar 2018 21:09

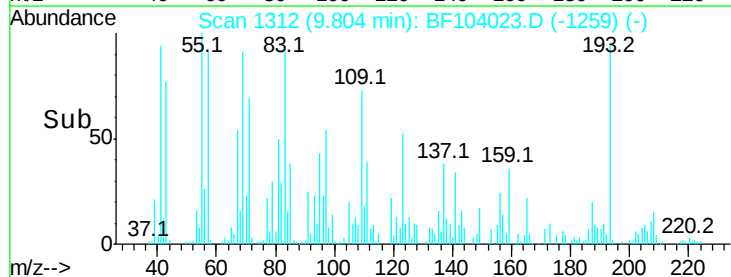
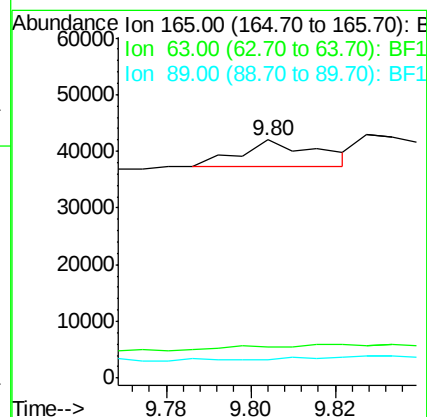
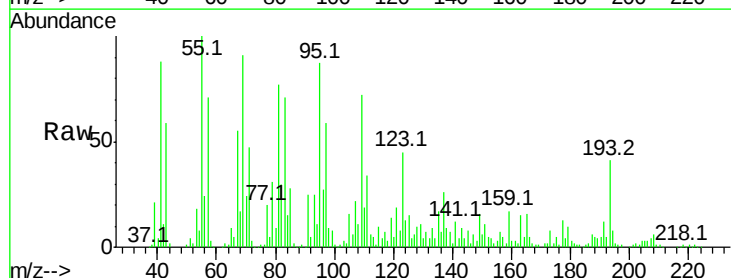
Tgt Ion:165 Resp: 5733

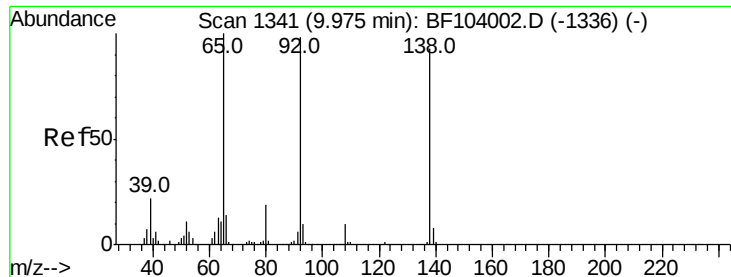
Ion Ratio Lower Upper

165 100

63 13.2 44.7 67.1#

89 7.5 44.0 66.0#

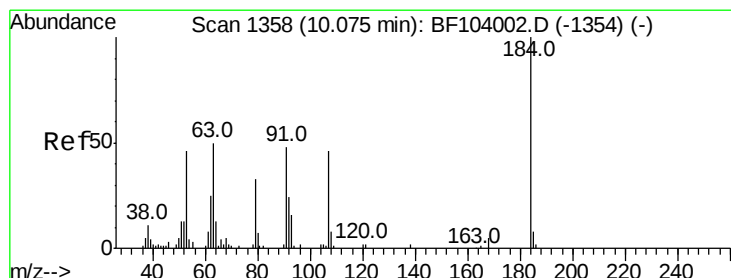
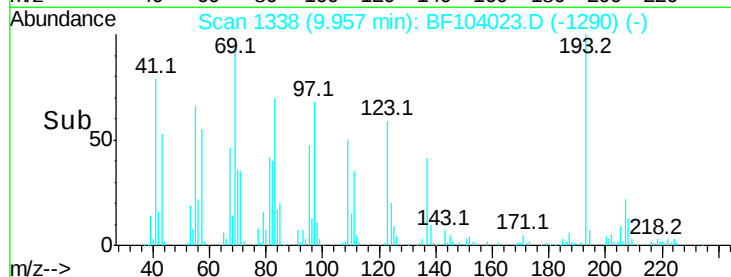
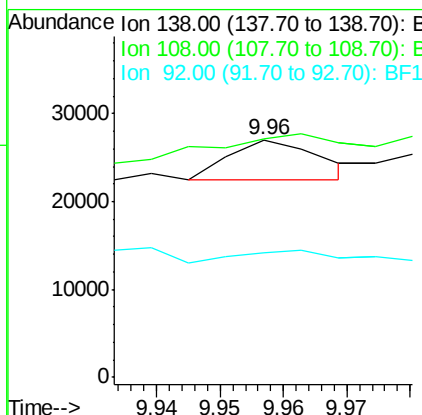
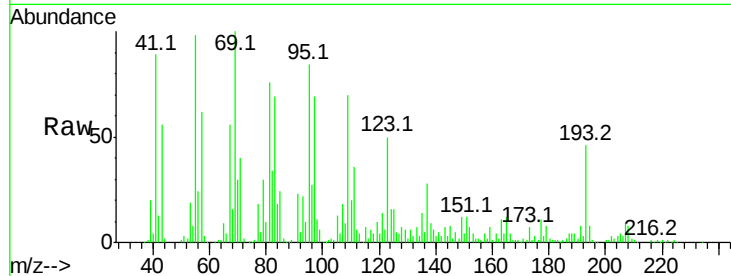




#52  
3-Nitroaniline  
Concen: 9.979 ng  
RT: 9.96 min Scan# 1338  
Delta R.T. -0.02 min  
Lab File: BF104023.D  
Acq: 28 Mar 2018 21:09

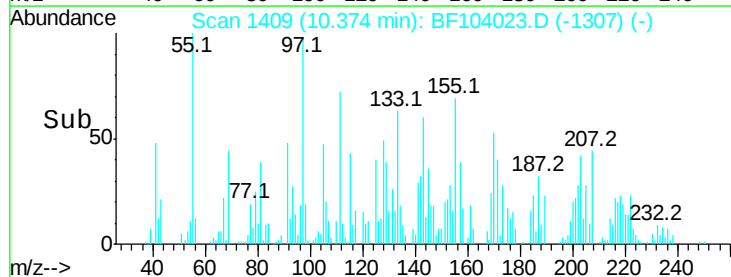
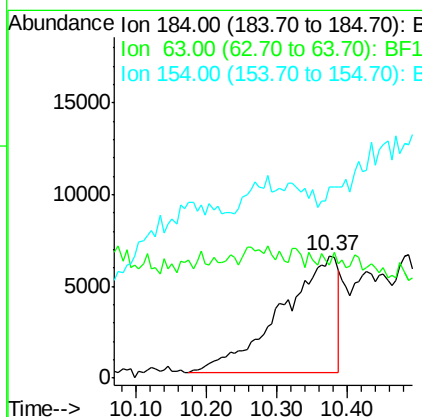
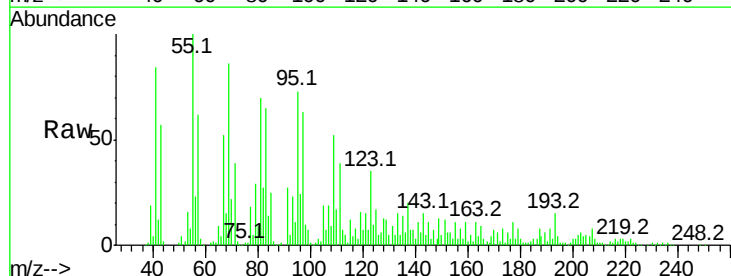
Instrument :  
BNA\_F  
ClientSampled :

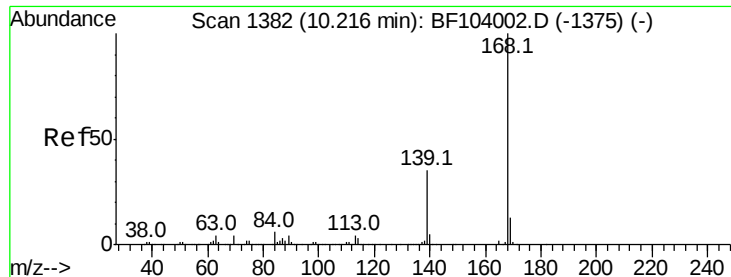
Tot Ion:138 Resp: 4405  
Ion Ratio Lower Upper  
138 100  
108 100.7 9.4 14.0#  
92 52.6 89.4 134.2#



#53  
2,4-Dinitrophenol  
Concen: 201.025 ng  
RT: 10.37 min Scan# 1409  
Delta R.T. 0.30 min  
Lab File: BF104023.D  
Acq: 28 Mar 2018 21:09

Tgt Ion:184 Resp: 35221  
Ion Ratio Lower Upper  
184 100  
63 91.9 54.2 81.2#  
154 155.8 184.0 276.0#





#54

Dibenzofuran

Concen: 2.786 ng

RT: 10.25 min Scan# 1388

Delta R.T. 0.04 min

Lab File: BF104023.D

Acq: 28 Mar 2018 21:09

Instrument :

BNA\_F

ClientSampleId :

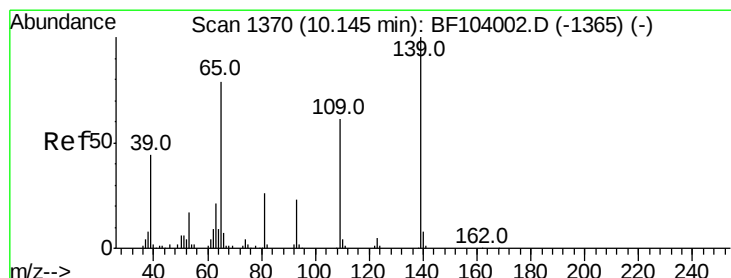
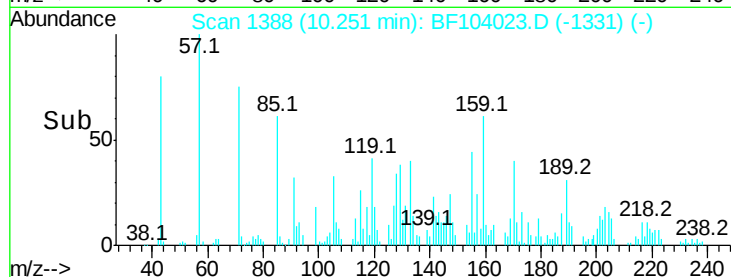
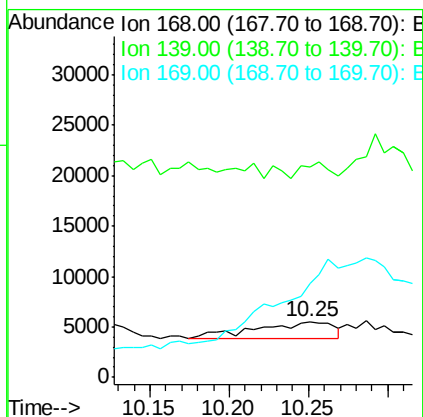
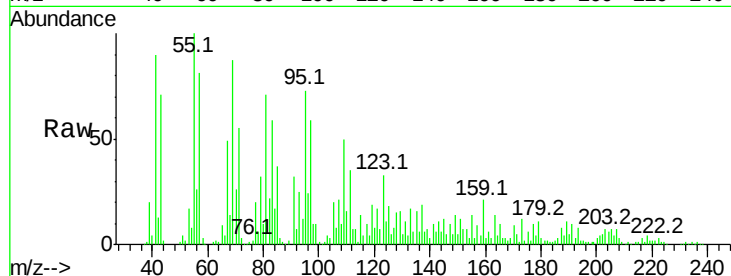
Tot Ion:168 Resp: 5458

Ion Ratio Lower Upper

168 100

139 378.6 30.1 45.1#

169 169.6 10.9 16.3#



#55

4-Nitrophenol

Concen: 6.846 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.11 min

Lab File: BF104023.D

Acq: 28 Mar 2018 21:09

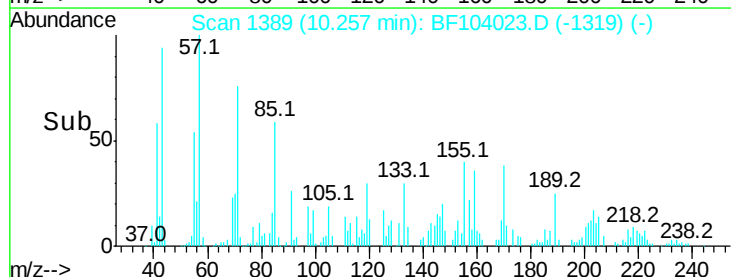
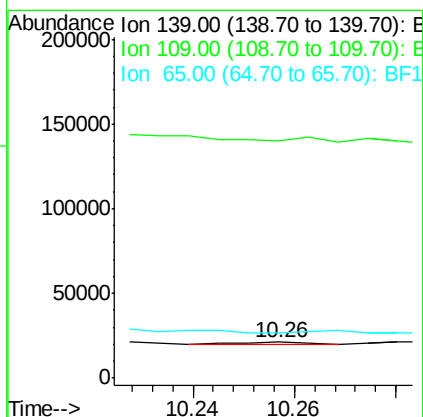
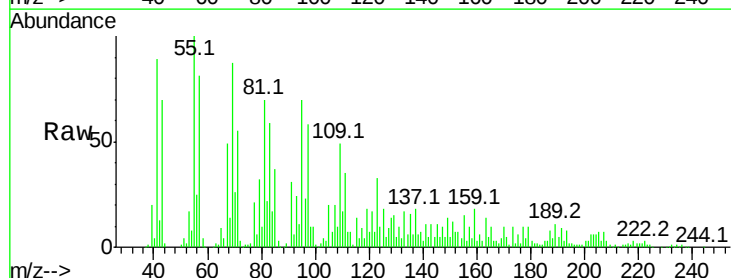
Tgt Ion:139 Resp: 1812

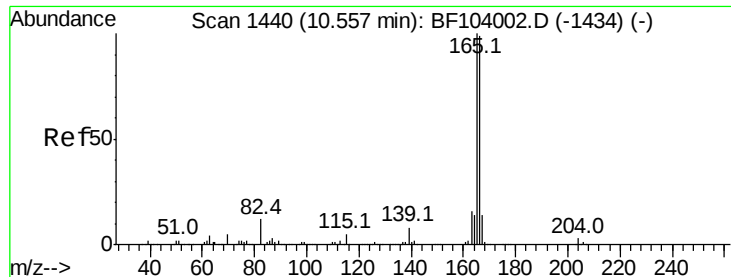
Ion Ratio Lower Upper

139 100

109 656.6 48.4 88.4#

65 125.0 72.6 112.6#





#57

Fluorene

Concen: 9.622 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.05 min

Lab File: BF104023.D

Acq: 28 Mar 2018 21:09

Instrument :

BNA\_F

ClientSampled :

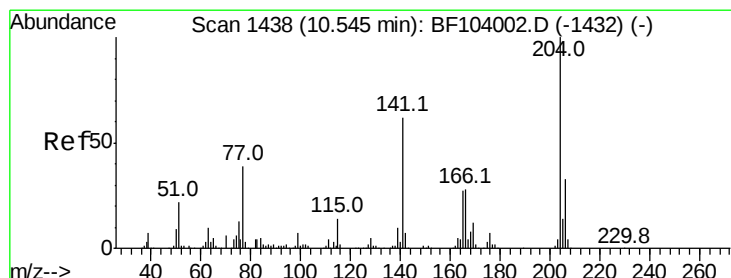
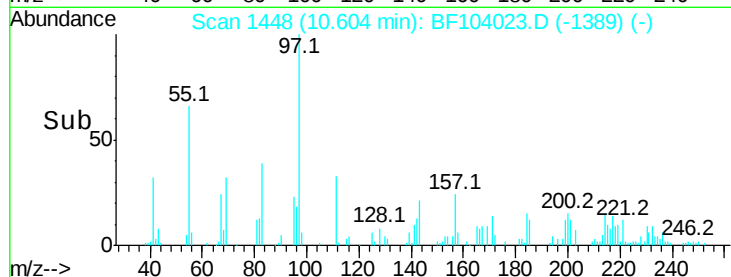
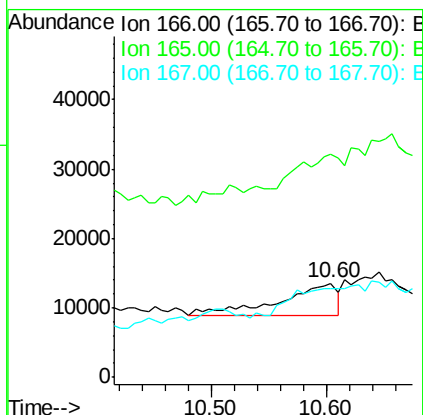
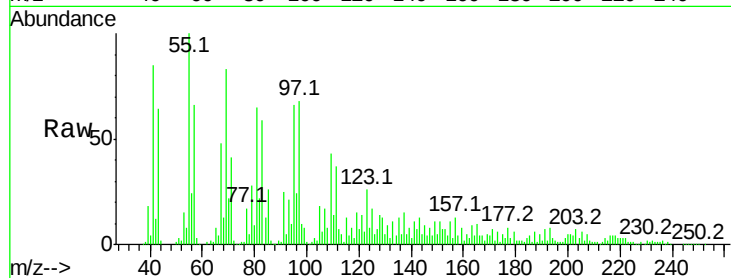
Tot Ion:166 Resp: 15547

Ion Ratio Lower Upper

166 100

165 237.6 79.8 119.8#

167 93.8 10.6 16.0#



#60

4-Chlorophenyl-phenylether

Concen: 5.766 ng

RT: 10.80 min Scan# 1481

Delta R.T. 0.25 min

Lab File: BF104023.D

Acq: 28 Mar 2018 21:09

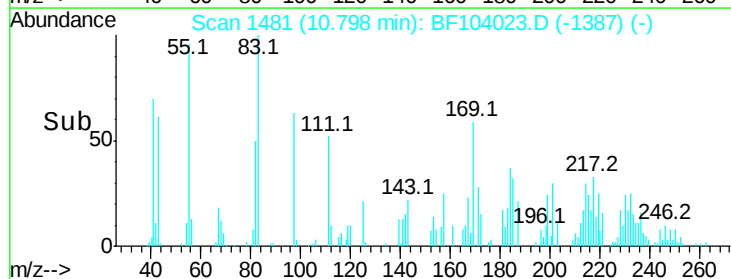
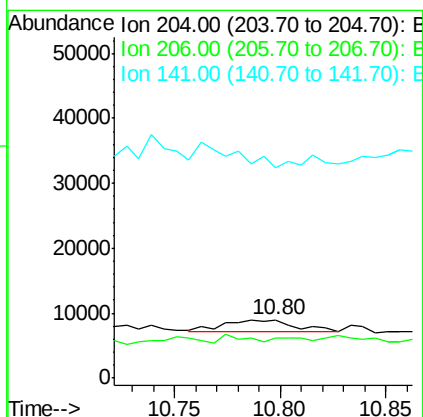
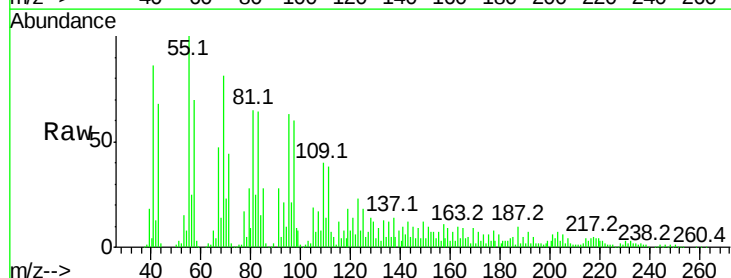
Tgt Ion:204 Resp: 4279

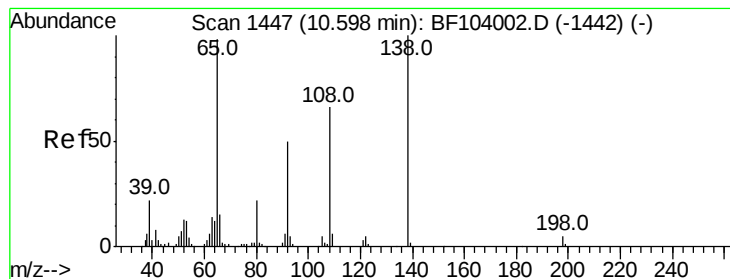
Ion Ratio Lower Upper

204 100

206 68.1 26.5 39.7#

141 358.6 54.6 81.8#





#61

4-Nitroaniline

Concen: 3.949 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.08 min

Lab File: BF104023.D

Acq: 28 Mar 2018 21:09

Instrument :

BNA\_F

ClientSampled :

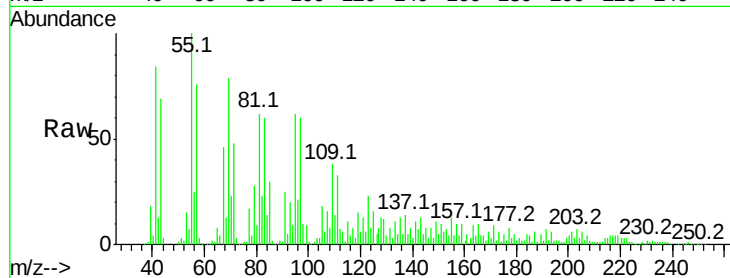
Tot Ion:138 Resp: 1631

Ion Ratio Lower Upper

138 100

92 103.2 30.2 70.2#

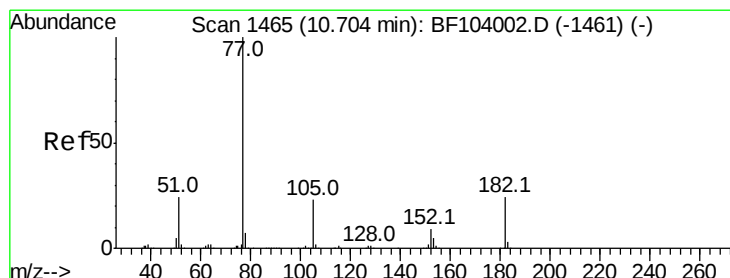
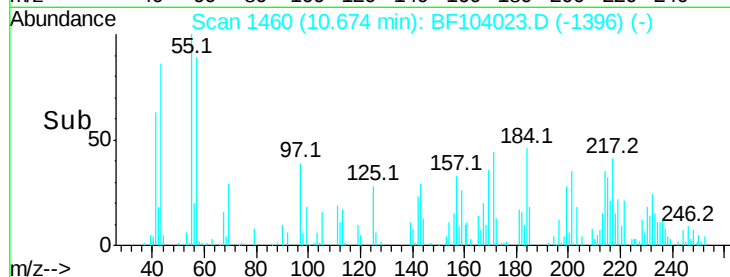
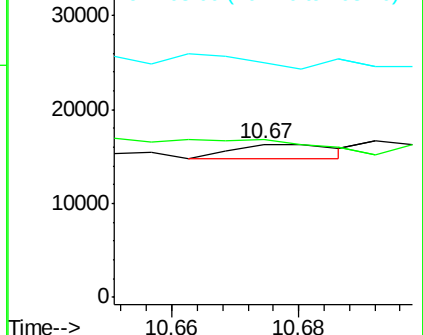
108 153.0 52.5 92.5#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 7.055 ng

RT: 10.79 min Scan# 1479

Delta R.T. 0.08 min

Lab File: BF104023.D

Acq: 28 Mar 2018 21:09

Tgt Ion: 77 Resp: 10909

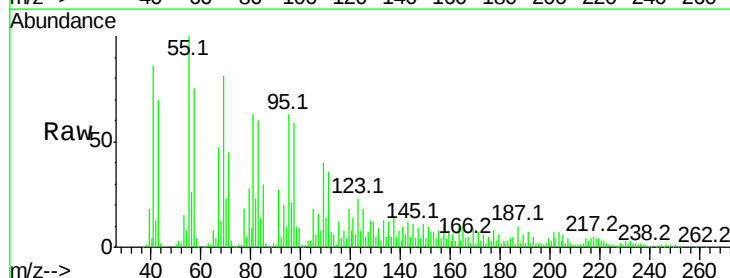
Ion Ratio Lower Upper

77 100

182 13.4 1.7 41.7

105 104.7 3.0 43.0#

51 17.9 9.9 49.9

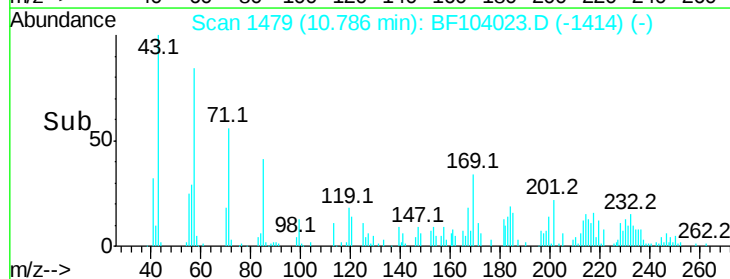
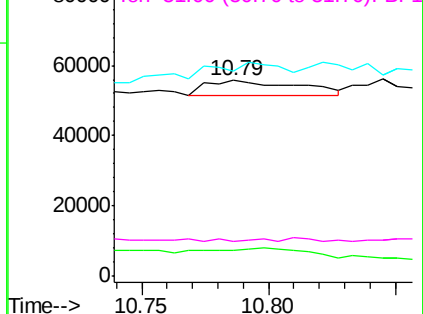


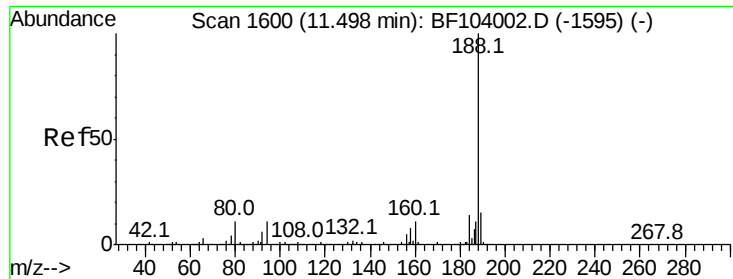
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.63 min Scan# 1622

Delta R.T. 0.13 min

Lab File: BF104023.D

Acq: 28 Mar 2018 21:09

Instrument :

BNA\_F

ClientSampled :

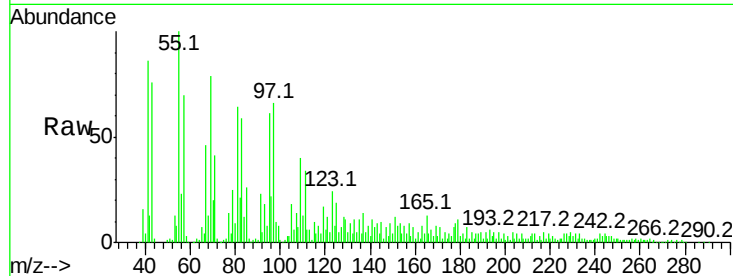
Tot Ion:188 Resp: 41488

Ion Ratio Lower Upper

188 100

94 199.5 8.5 12.7#

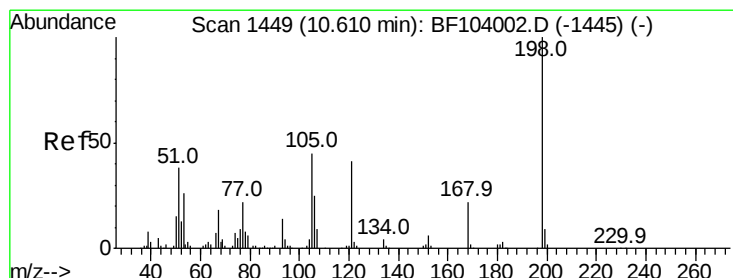
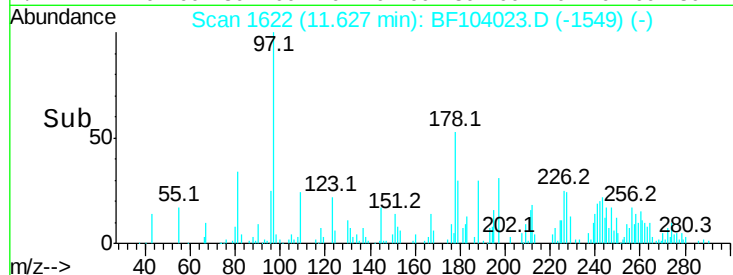
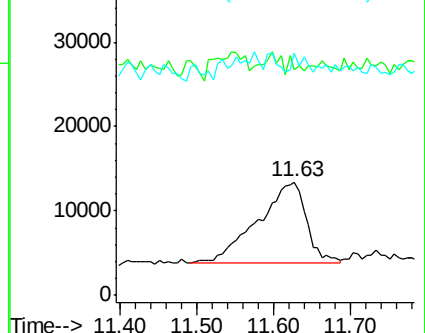
80 214.0 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 24.457 ng

RT: 10.78 min Scan# 1478

Delta R.T. 0.17 min

Lab File: BF104023.D

Acq: 28 Mar 2018 21:09

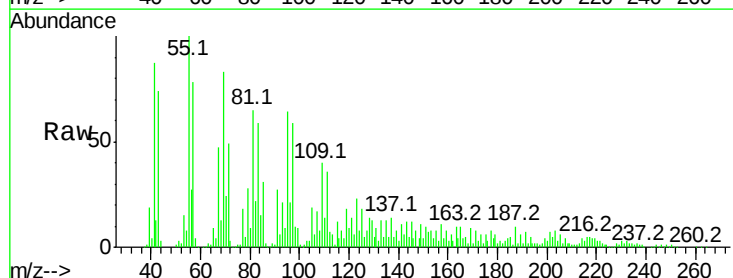
Tgt Ion:198 Resp: 6142

Ion Ratio Lower Upper

198 100

51 201.6 37.7 77.7#

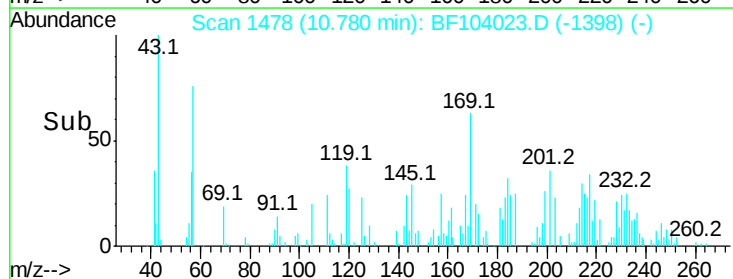
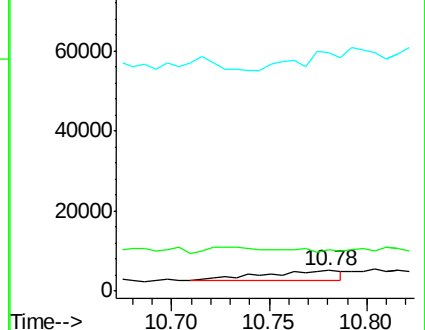
105 1147.7 36.3 76.3#

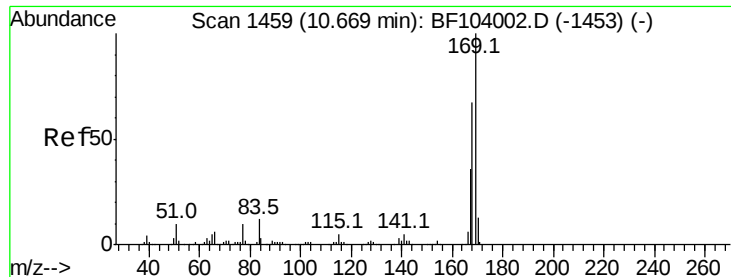


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 49.417 ng

RT: 10.75 min Scan# 1473

Delta R.T. 0.08 min

Lab File: BF104023.D

Acq: 28 Mar 2018 21:09

Instrument :

BNA\_F

ClientSampleId :

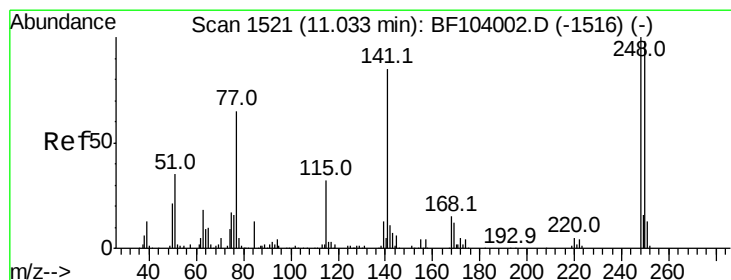
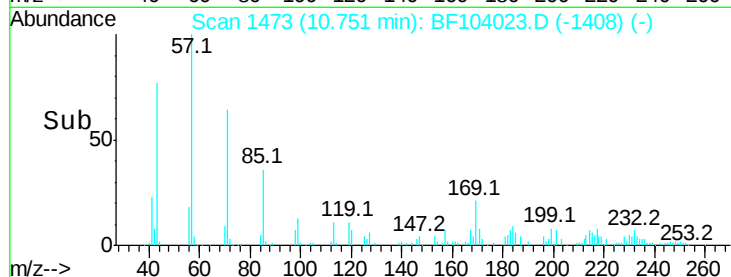
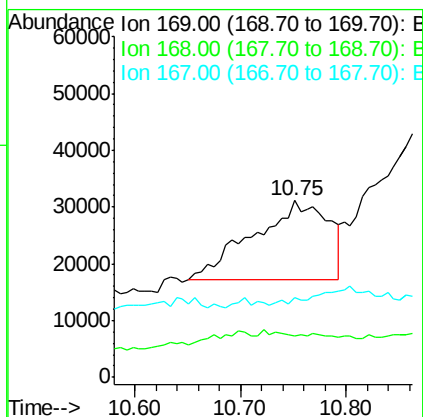
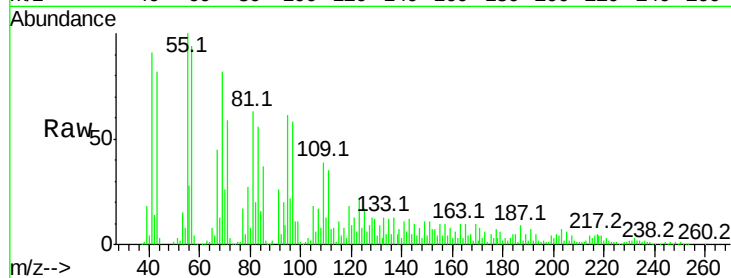
Tot Ion:169 Resp: 69434

Ion Ratio Lower Upper

169 100

168 23.8 54.4 81.6#

167 45.0 29.8 44.6#



#66

4-Bromophenyl-phenylether

Concen: 2.681 ng

RT: 11.20 min Scan# 1550

Delta R.T. 0.17 min

Lab File: BF104023.D

Acq: 28 Mar 2018 21:09

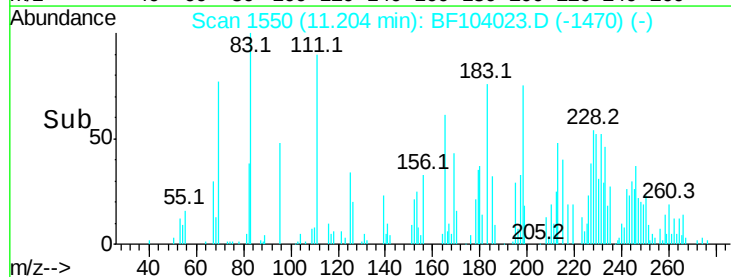
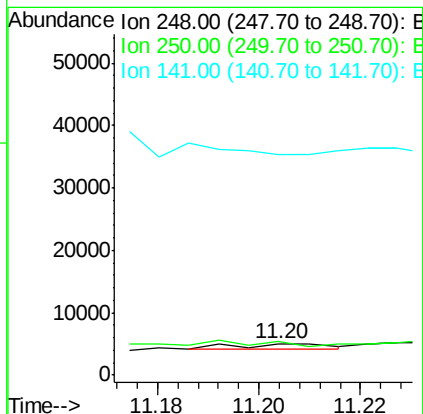
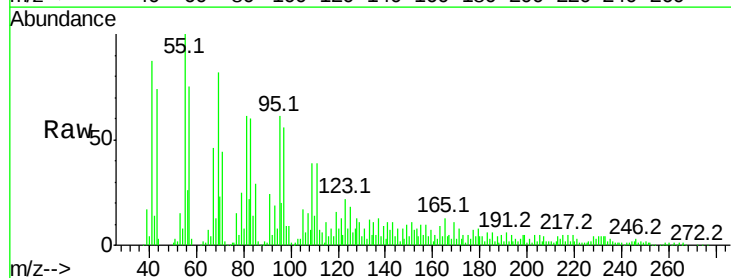
Tgt Ion:248 Resp: 1190

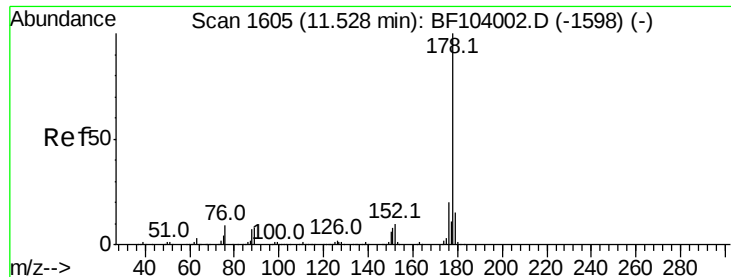
Ion Ratio Lower Upper

248 100

250 108.0 76.9 115.3

141 701.7 74.4 111.6#

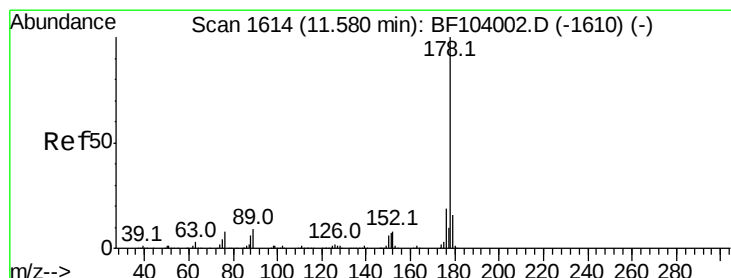
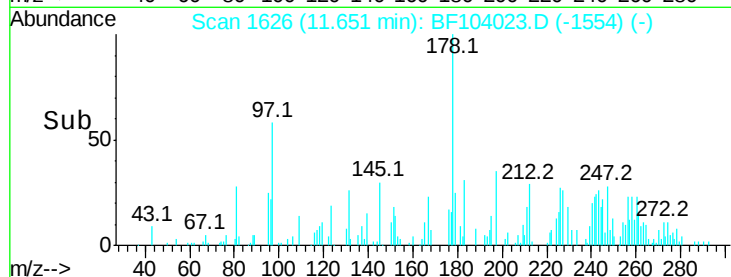
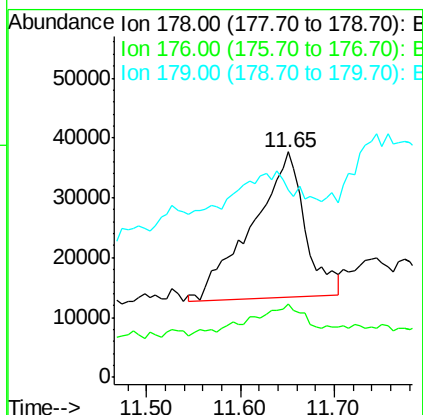
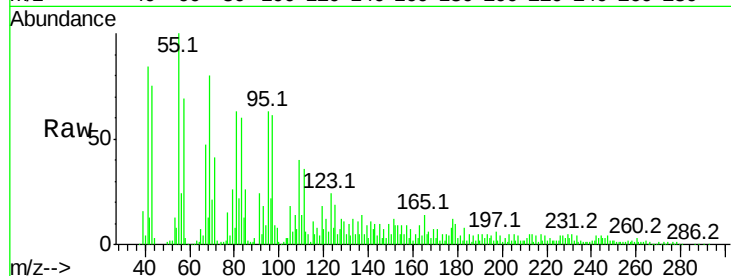




#70  
Phenanthrene  
Concen: 42.204 ng  
RT: 11.65 min Scan# 1626  
Delta R.T. 0.12 min  
Lab File: BF104023.D  
Acq: 28 Mar 2018 21:09

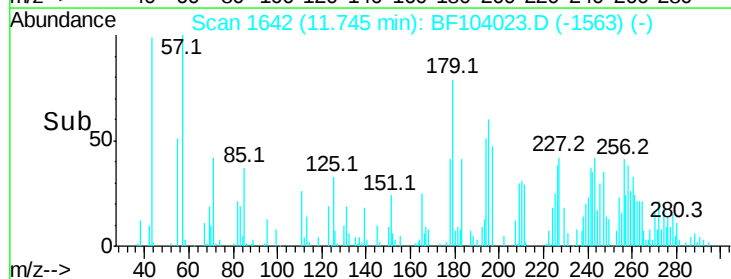
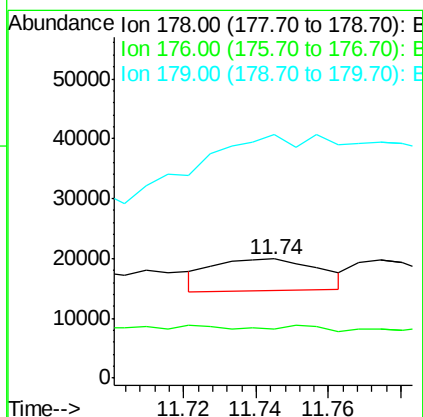
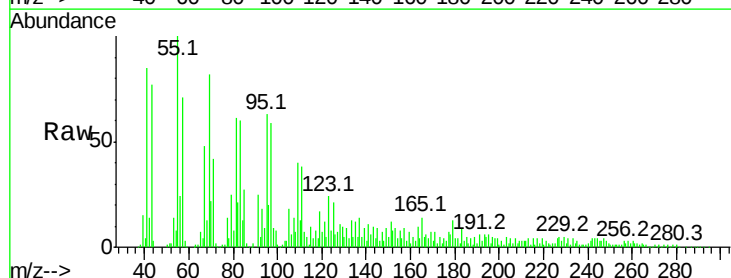
Instrument :  
BNA\_F  
ClientSampled :

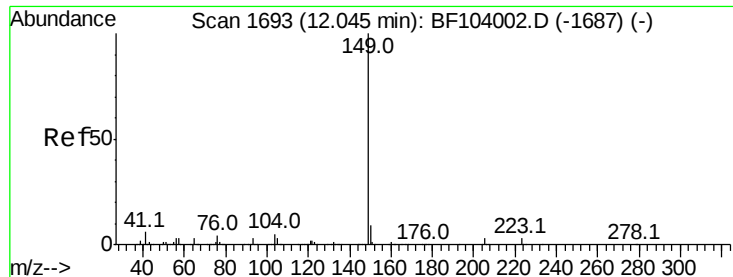
Tot Ion:178 Resp: 94798  
Ion Ratio Lower Upper  
178 100  
176 32.5 15.8 23.8#  
179 82.7 13.0 19.6#



#71  
Anthracene  
Concen: 4.580 ng  
RT: 11.74 min Scan# 1642  
Delta R.T. 0.16 min  
Lab File: BF104023.D  
Acq: 28 Mar 2018 21:09

Tgt Ion:178 Resp: 10745  
Ion Ratio Lower Upper  
178 100  
176 40.8 15.4 23.2#  
179 204.5 12.6 19.0#

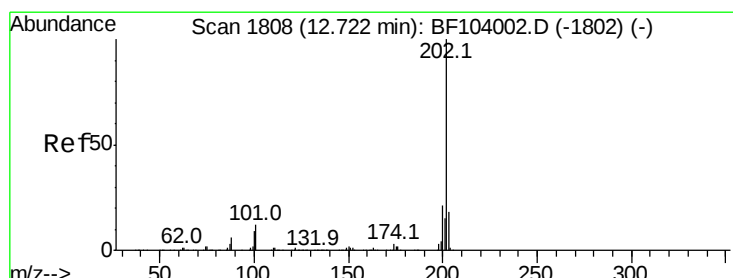
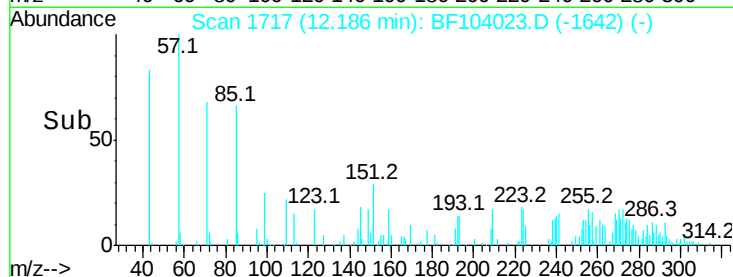
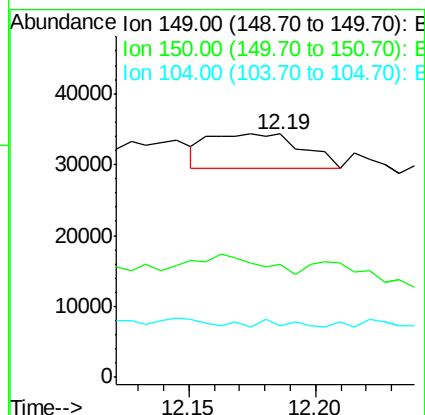
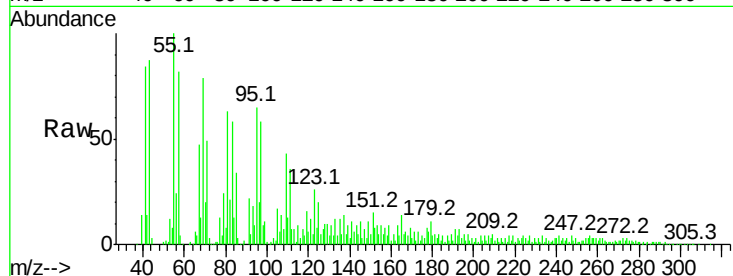




#73  
Di-n-butylphthalate  
Concen: 4.640 ng  
RT: 12.19 min Scan# 1717  
Delta R.T. 0.14 min  
Lab File: BF104023.D  
Acq: 28 Mar 2018 21:09

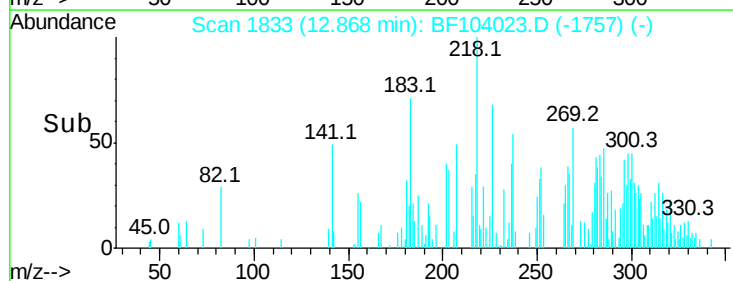
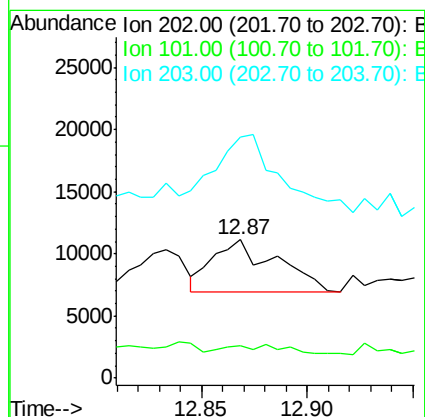
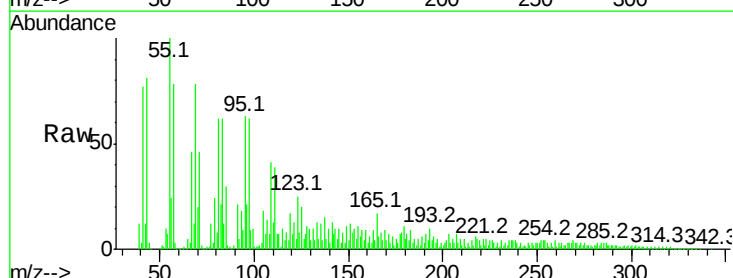
Instrument :  
BNA\_F  
ClientSampleId :

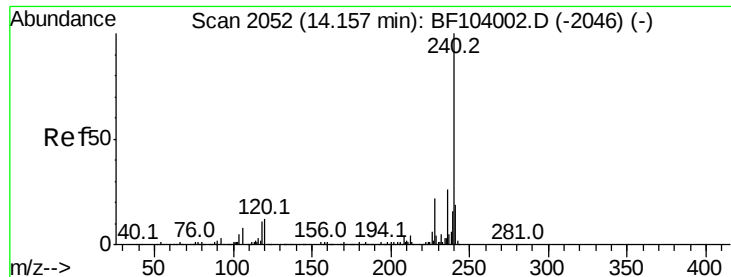
Tot Ion:149 Resp: 12377  
Ion Ratio Lower Upper  
149 100  
150 46.6 7.8 11.6#  
104 21.1 3.8 5.8#



#74  
Fluoranthene  
Concen: 3.597 ng  
RT: 12.87 min Scan# 1833  
Delta R.T. 0.15 min  
Lab File: BF104023.D  
Acq: 28 Mar 2018 21:09

Tgt Ion:202 Resp: 8589  
Ion Ratio Lower Upper  
202 100  
101 23.3 0.0 34.1  
203 174.9 0.0 38.1#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2061

Delta R.T. 0.05 min

Lab File: BF104023.D

Acq: 28 Mar 2018 21:09

Instrument :

BNA\_F

ClientSampleId :

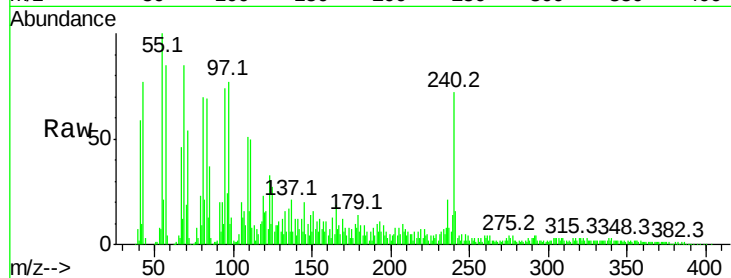
Tot Ion:240 Resp: 149958

Ion Ratio Lower Upper

240 100

120 21.4 9.5 14.3#

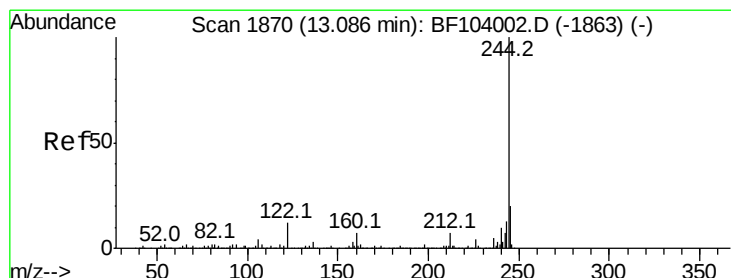
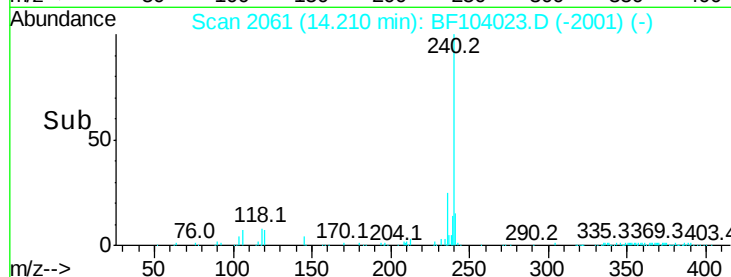
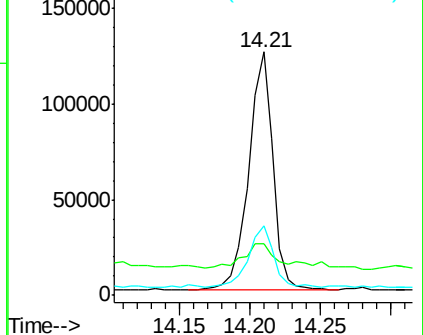
236 28.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 2.904 ng

RT: 13.17 min Scan# 1884

Delta R.T. 0.08 min

Lab File: BF104023.D

Acq: 28 Mar 2018 21:09

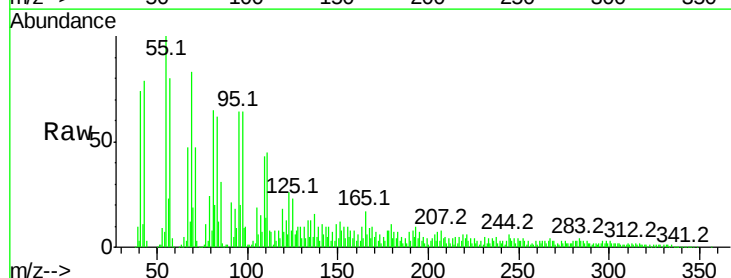
Tgt Ion:244 Resp: 18859

Ion Ratio Lower Upper

244 100

212 27.3 5.4 8.0#

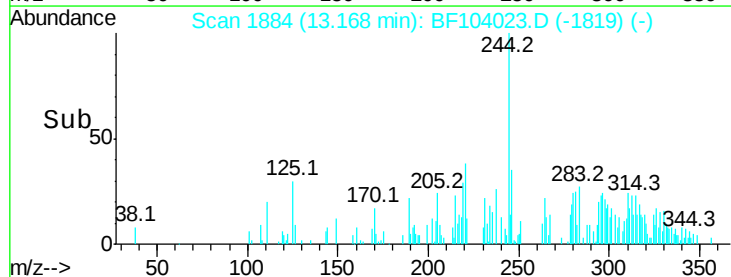
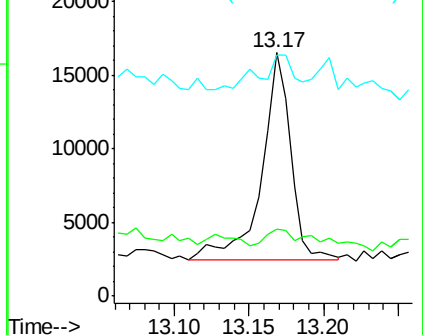
122 99.1 11.0 16.4#

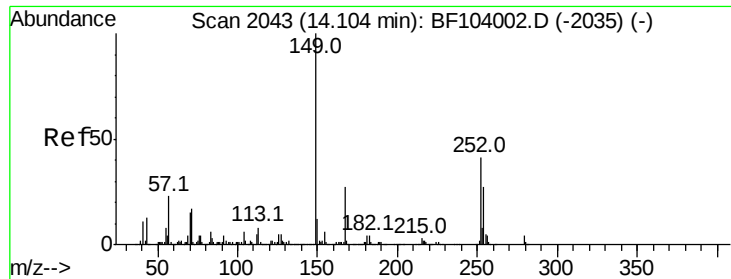


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 4.241 ng

RT: 14.13 min Scan# 2048

Delta R.T. 0.03 min

Lab File: BF104023.D

Acq: 28 Mar 2018 21:09

Instrument :

BNA\_F

ClientSampleId :

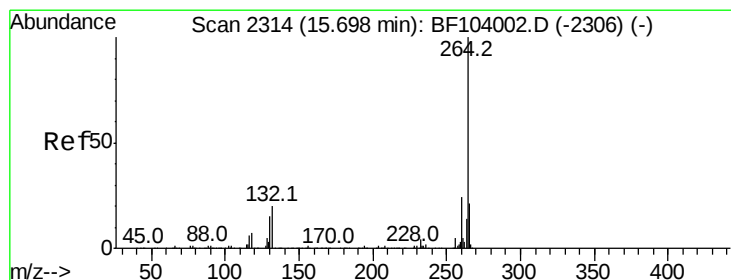
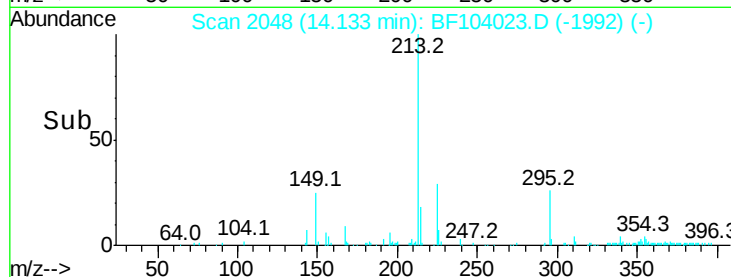
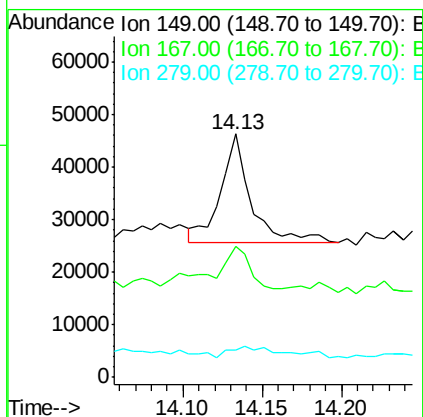
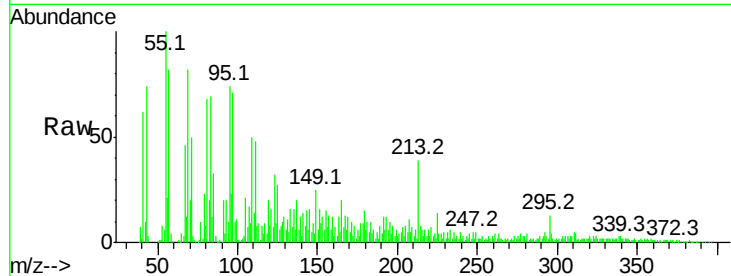
Tot Ion:149 Resp: 27828

Ion Ratio Lower Upper

149 100

167 53.7 21.3 31.9#

279 11.2 3.0 4.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.72 min Scan# 2318

Delta R.T. 0.02 min

Lab File: BF104023.D

Acq: 28 Mar 2018 21:09

Tgt Ion:264 Resp: 236295

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.2 17.5 26.3

