

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\  
 Data File : BG034110.D  
 Acq On : 2 May 2018 11:11  
 Operator : SJ/JU  
 Sample : J2166-06  
 Misc : 8PPM MDL  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-05-042718

Quant Time: May 02 14:06:06 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 01 19:08:03 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.08  | 152  | 69271    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.89 | 136  | 263290   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.72 | 164  | 194690   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.46 | 188  | 553711   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.76 | 240  | 699819   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 25.05 | 264  | 646863   | 20.00 | ng    | -0.02    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.64  | 112  | 545575   | 127.25 | ng    | 0.00     |
| 7) Phenol-d6                | 7.22  | 99   | 730433   | 109.43 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.23  | 82   | 629319   | 91.71  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 16.21 | 330  | 392278   | 145.51 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 13.34 | 172  | 1269915  | 95.05  | ng    | 0.00     |
| 78) Terphenyl-d14           | 20.09 | 244  | 2737855  | 85.70  | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 3.56  | 88   | 269      | 0.149 | ng    | # 1    |
| 3) Pyridine                    | 3.95  | 79   | 482      | 0.085 | ng    | # 29   |
| 4) n-Nitrosodimethylamine      | 3.88  | 42   | 914      | 0.297 | ng    | # 3    |
| 6) Aniline                     | 7.43  | 93   | 249      | 0.027 | ng    | # 36   |
| 8) 2-Chlorophenol              | 7.62  | 128  | 207      | 0.048 | ng    | # 1    |
| 10) Phenol                     | 7.24  | 94   | 156      | 0.023 | ng    | # 1    |
| 11) bis(2-Chloroethyl)ether    | 7.52  | 93   | 113      | 0.021 | ng    | # 11   |
| 12) 1,3-Dichlorobenzene        | 8.06  | 146  | 246      | 0.045 | ng    | # 1    |
| 13) 1,4-Dichlorobenzene        | 8.06  | 146  | 246      | 0.046 | ng    | # 1    |
| 14) 1,2-Dichlorobenzene        | 8.40  | 146  | 164      | 0.032 | ng    | # 1    |
| 15) Benzyl Alcohol             | 8.39  | 79   | 13811    | 1.940 | ng    | # 32   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.63  | 45   | 370      | 0.051 | ng    | # 75   |
| 17) 2-Methylphenol             | 8.52  | 107  | 122      | 0.028 | ng    | # 13   |
| 18) Hexachloroethane           | 9.19  | 117  | 311      | 0.136 | ng    | # 1    |
| 20) 3+4-Methylphenols          | 8.84  | 107  | 86       | 0.013 | ng    | # 1    |
| 22) Acetophenone               | 8.92  | 105  | 472      | 0.053 | ng    | # 61   |
| 24) Nitrobenzene               | 9.25  | 77   | 1949     | 0.259 | ng    | # 69   |
| 25) Isophorone                 | 9.83  | 82   | 77       | 0.006 | ng    | # 69   |
| 26) 2-Nitrophenol              | 9.97  | 139  | 55       | 0.026 | ng    | # 29   |
| 27) 2,4-Dimethylphenol         | 10.01 | 122  | 215      | 0.053 | ng    | # 1    |
| 28) bis(2-Chloroethoxy)methane | 10.29 | 93   | 183      | 0.027 | ng    | # 51   |
| 29) 2,4-Dichlorophenol         | 10.51 | 162  | 103      | 0.021 | ng    | # 23   |
| 30) 1,2,4-Trichlorobenzene     | 10.75 | 180  | 203      | 0.035 | ng    | # 12   |
| 31) Naphthalene                | 10.94 | 128  | 2560     | 0.185 | ng    | # 71   |
| 33) 4-Chloroaniline            | 11.01 | 127  | 107      | 0.017 | ng    | # 20   |
| 34) Hexachlorobutadiene        | 11.14 | 225  | 71       | 0.014 | ng    | # 20   |
| 35) Caprolactam                | 11.77 | 113  | 122      | 0.071 | ng    | # 75   |
| 36) 4-Chloro-3-methylphenol    | 12.23 | 107  | 253      | 0.040 | ng    | # 22   |
| 37) 2-Methylnaphthalene        | 12.55 | 142  | 647      | 0.058 | ng    | # 40   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.91 | 216  | 58       | 0.008 | ng    | # 57   |
| 40) Hexachlorocyclopentadiene  | 12.87 | 237  | 58       | 0.013 | ng    | # 22   |
| 42) 2,4,6-Trichlorophenol      | 13.12 | 196  | 76       | 0.017 | ng    | # 11   |
| 43) 2,4,5-Trichlorophenol      | 13.21 | 196  | 95       | 0.020 | ng    | # 2    |
| 45) 1,1'-Biphenyl              | 13.54 | 154  | 3057     | 0.201 | ng    | # 78   |

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 Operator : SJ/JU  
 Sample : J2166-06  
 Misc : 8PPM MDL  
 ALS Vial : 25 Sample Multiplier: 1

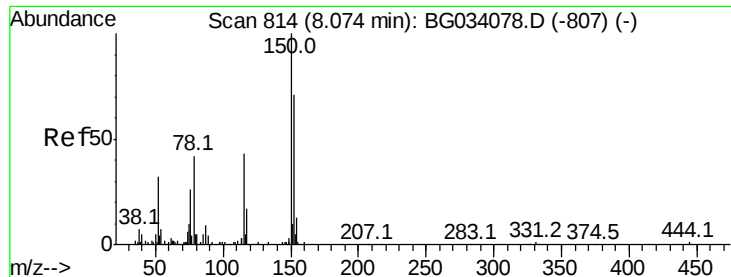
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-05-042718

Quant Time: May 02 14:06:06 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 01 19:08:03 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 46) 2-Chloronaphthalene        | 13.52 | 162  | 138      | 0.012 | nq    | # 39     |
| 47) 2-Nitroaniline             | 13.76 | 65   | 153      | 0.033 | nq    | # 43     |
| 48) Acenaphthylene             | 14.43 | 152  | 127      | 0.007 | nq    | # 1      |
| 51) Acenaphthene               | 14.78 | 154  | 1083     | 0.087 | nq    | # 82     |
| 52) 3-Nitroaniline             | 14.65 | 138  | 78       | 0.024 | nq    | # 1      |
| 53) 2,4-Dinitrophenol          | 14.84 | 184  | 111      | 0.088 | nq    | # 1      |
| 54) Dibenzofuran               | 15.10 | 168  | 140      | 0.008 | nq    | # 1      |
| 55) 4-Nitrophenol              | 14.91 | 139  | 431      | 0.173 | nq    | # 27     |
| 57) Fluorene                   | 15.77 | 166  | 1163     | 0.074 | nq    | # 40     |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.33 | 232  | 71       | 0.014 | nq    | # 1      |
| 59) Diethylphthalate           | 15.53 | 149  | 410      | 0.023 | nq    | # 58     |
| 60) 4-Chlorophenyl-phenylether | 15.77 | 204  | 73       | 0.008 | nq    | # 30     |
| 61) 4-Nitroaniline             | 15.77 | 138  | 97       | 0.028 | nq    | # 12     |
| 62) Azobenzene                 | 16.08 | 77   | 133      | 0.007 | nq    | # 48     |
| 64) 4,6-Dinitro-2-methylphenol | 16.00 | 198  | 54       | 0.021 | nq    | # 1      |
| 65) n-Nitrosodiphenylamine     | 16.20 | 169  | 17608    | 1.166 | nq    | # 51     |
| 67) Hexachlorobenzene          | 16.81 | 284  | 76       | 0.011 | nq    | # 41     |
| 68) Atrazine                   | 16.91 | 200  | 67       | 0.925 | nq    | # 35     |
| 69) Pentachlorophenol          | 17.18 | 266  | 54       | 0.011 | nq    | # 19     |
| 70) Phenanthrene               | 17.51 | 178  | 1454     | 0.051 | nq    | # 60     |
| 71) Anthracene                 | 17.60 | 178  | 129      | 0.004 | nq    | # 1      |
| 72) Carbazole                  | 17.86 | 167  | 75       | 0.003 | nq    | # 59     |
| 73) Di-n-butylphthalate        | 18.43 | 149  | 631      | 0.020 | nq    | # 78     |
| 74) Fluoranthene               | 19.44 | 202  | 222      | 0.006 | nq    | # 65     |
| 77) Pyrene                     | 20.09 | 202  | 14140    | 0.322 | nq    | # 66     |
| 79) Butylbenzylphthalate       | 20.81 | 149  | 142      | 0.008 | nq    | # 20     |
| 80) Benzo(a)anthracene         | 21.76 | 228  | 2175     | 0.048 | nq    | # 15     |
| 81) 3,3'-Dichlorobenzidine     | 21.67 | 252  | 136      | 0.008 | nq    | # 50     |
| 82) Chrysene                   | 21.76 | 228  | 2175     | 0.051 | nq    | # 14     |
| 83) Bis(2-ethylhexyl)phthalate | 21.67 | 149  | 1126     | 0.048 | nq    | # 50     |
| 84) Di-n-octyl phthalate       | 22.94 | 149  | 174      | 0.005 | nq    | # 1      |
| 85) Indeno(1,2,3-cd)pyrene     | 28.85 | 276  | 56       | 0.001 | nq    | # 1      |
| 87) Benzo(b)fluoranthene       | 23.98 | 252  | 57       | 0.001 | nq    | # 1      |
| 88) Benzo(k)fluoranthene       | 24.09 | 252  | 59       | 0.002 | nq    | # 60     |
| 89) Benzo(a)pyrene             | 24.90 | 252  | 97       | 0.003 | nq    | # 13     |
| 90) Dibenzo(a,h)anthracene     | 28.92 | 278  | 65       | 0.002 | nq    | # 58     |
| 91) Benzo(g,h,i)perylene       | 30.00 | 276  | 189      | 0.005 | nq    | # 56     |

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



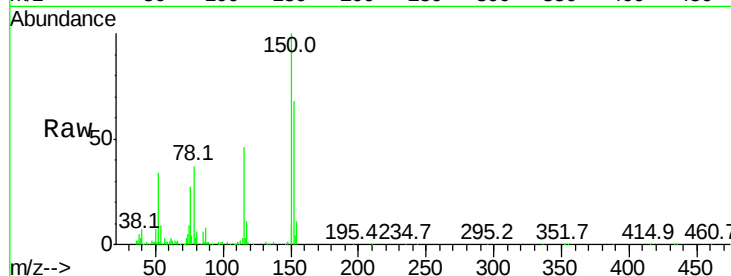


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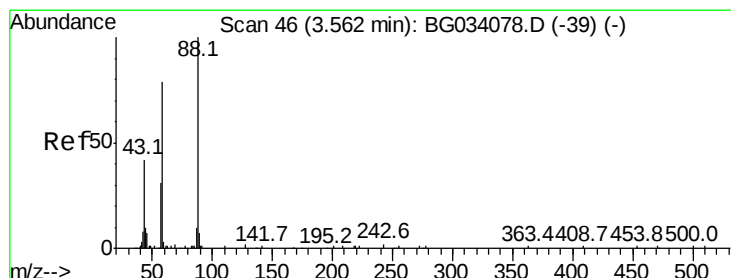
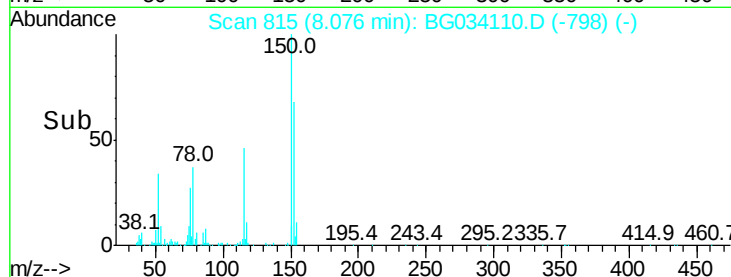
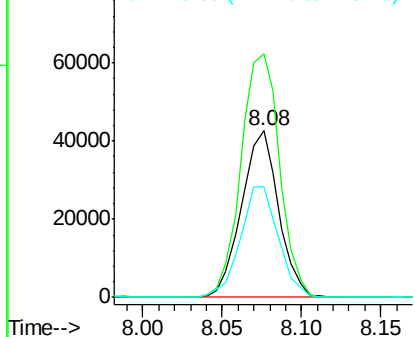
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.08 min Scan# 815  
Delta R.T. 0.00 min  
Lab File: BG034110.D  
Acq: 2 May 2018 11:11

Instrument :  
BNA\_G  
ClientSampleId :  
TR-05-042718

Tot Ion:152 Resp: 69271  
Ion Ratio Lower Upper  
152 100  
150 146.4 126.6 189.8  
115 66.8 53.0 79.4



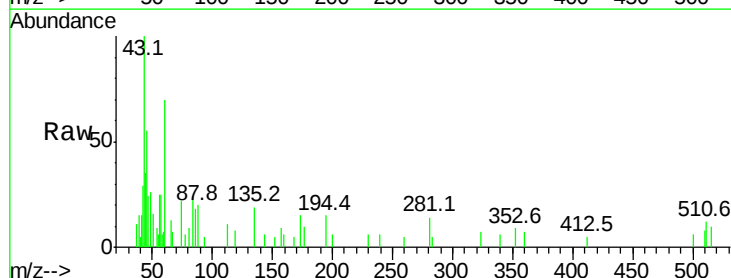
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



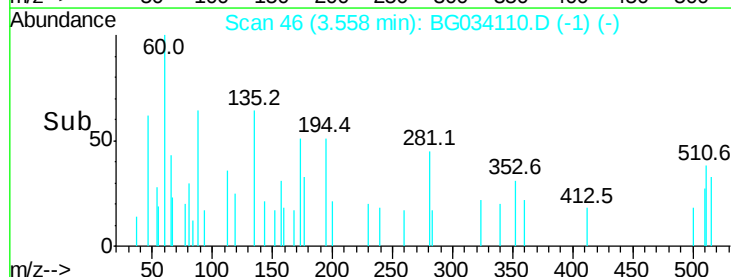
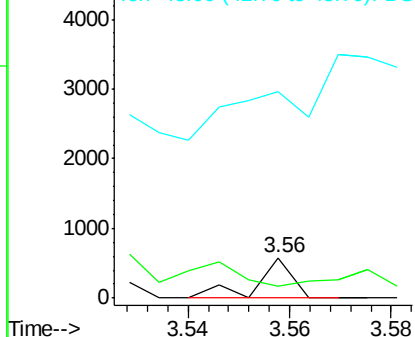
#2

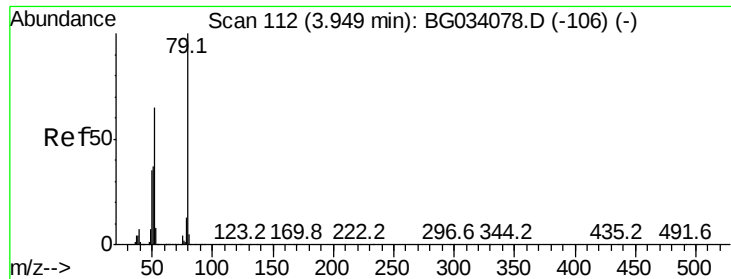
1,4-Dioxane  
Concen: 0.149 ng  
RT: 3.56 min Scan# 46  
Delta R.T. -0.00 min  
Lab File: BG034110.D  
Acq: 2 May 2018 11:11

Tgt Ion: 88 Resp: 269  
Ion Ratio Lower Upper  
88 100  
58 54.3 79.6 119.4#  
43 1486.6 27.4 41.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC  
Ion 58.00 (57.70 to 58.70): BGC  
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 0.085 ng

RT: 3.95 min Scan# 112

Delta R.T. -0.00 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

Instrument :

BNA\_G

ClientSampleId :

TR-05-042718

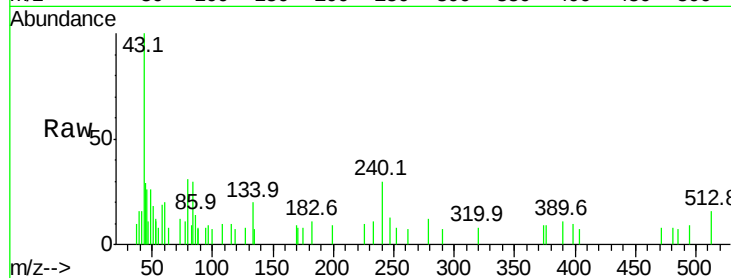
Tot Ion: 79 Resp: 482

Ion Ratio Lower Upper

79 100

52 0.0 69.9 104.9#

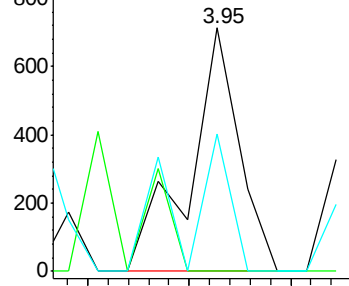
51 56.5 34.0 51.0#



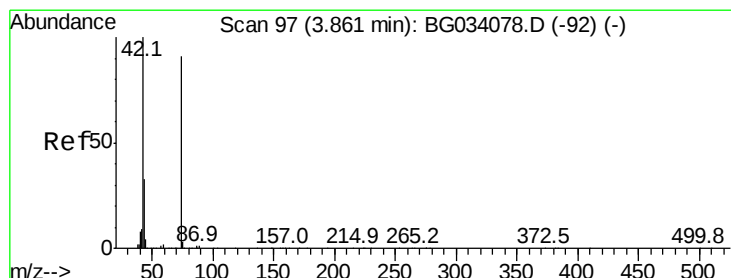
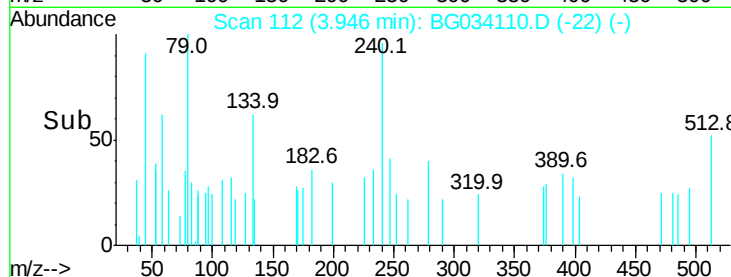
Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time-->



#4

n-Nitrosodimethylamine

Concen: 0.297 ng

RT: 3.88 min Scan# 101

Delta R.T. 0.02 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

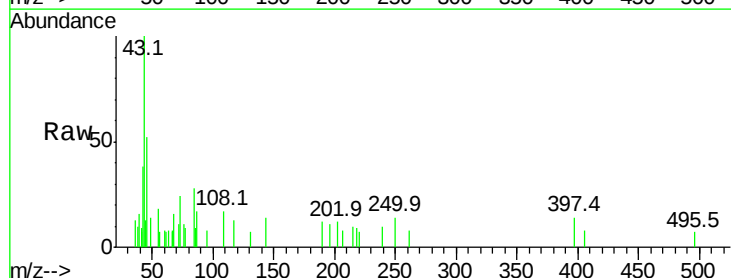
Tgt Ion: 42 Resp: 914

Ion Ratio Lower Upper

42 100

74 0.0 102.5 153.7#

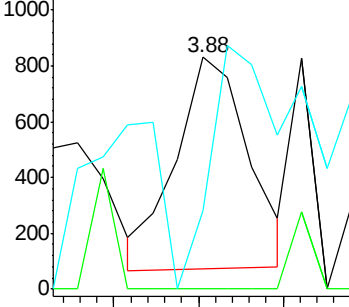
44 34.1 18.9 28.3#



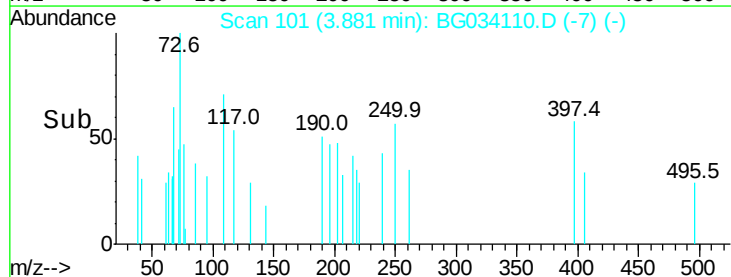
Abundance Ion 42.00 (41.70 to 42.70): BGC

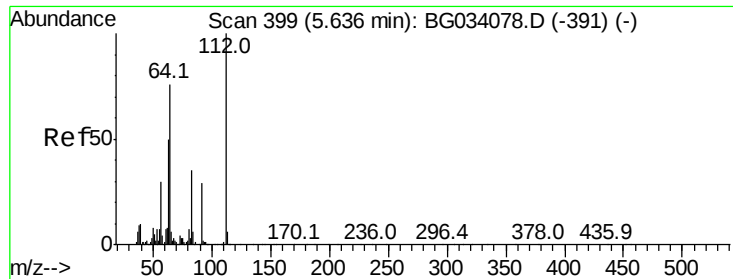
Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC



Time-->





#5

2-Fluorophenol

Concen: 127.246 ng

RT: 5.64 min Scan# 400

Delta R.T. 0.00 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

Instrument :

BNA\_G

ClientSampleId :

TR-05-042718

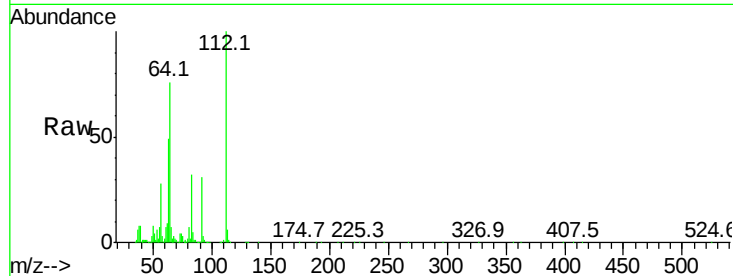
Tot Ion:112 Resp: 545575

Ion Ratio Lower Upper

112 100

64 76.1 56.3 84.5

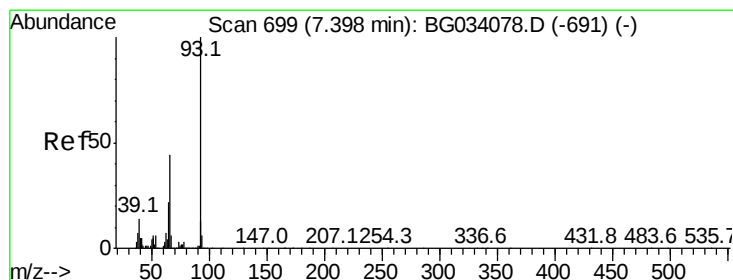
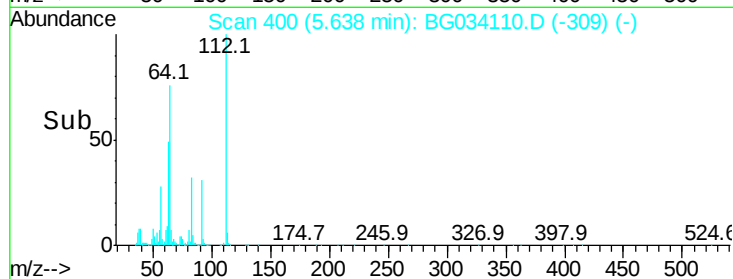
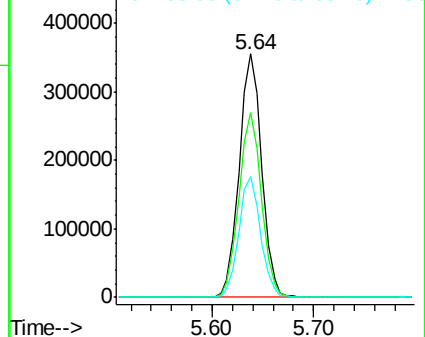
63 49.5 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.027 ng

RT: 7.43 min Scan# 705

Delta R.T. 0.03 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

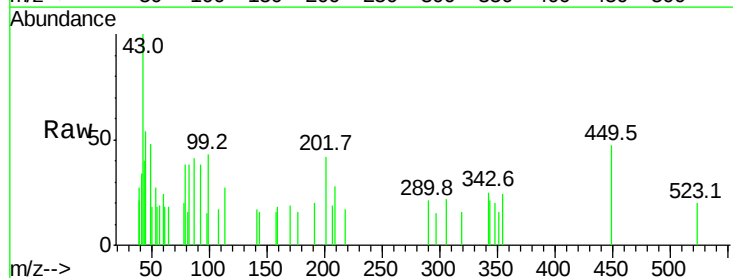
Tgt Ion: 93 Resp: 249

Ion Ratio Lower Upper

93 100

66 0.0 33.7 50.5#

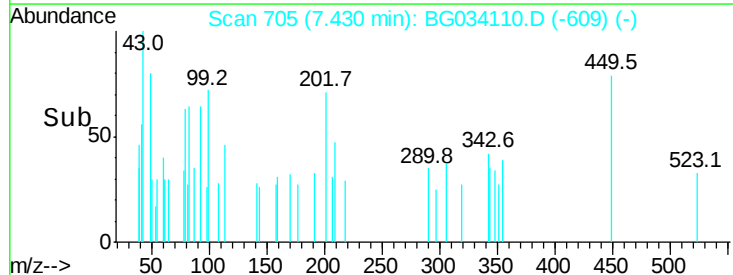
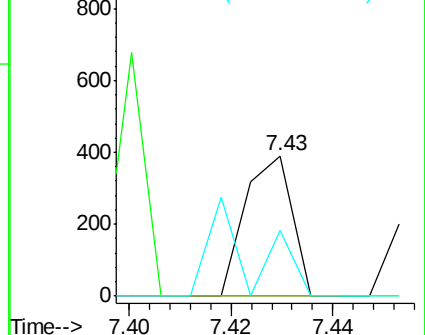
65 46.8 16.1 24.1#

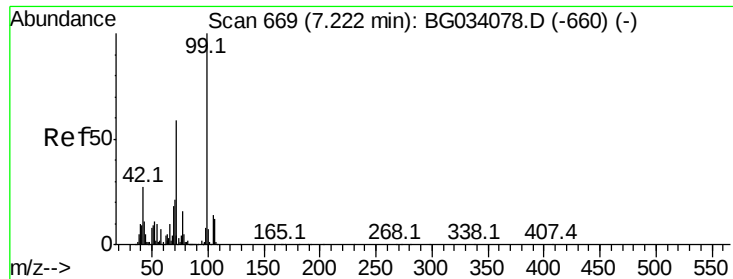


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 109.430 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

Instrument :

BNA\_G

ClientSampleId :

TR-05-042718

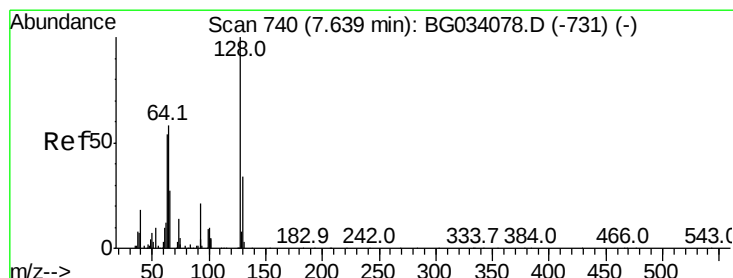
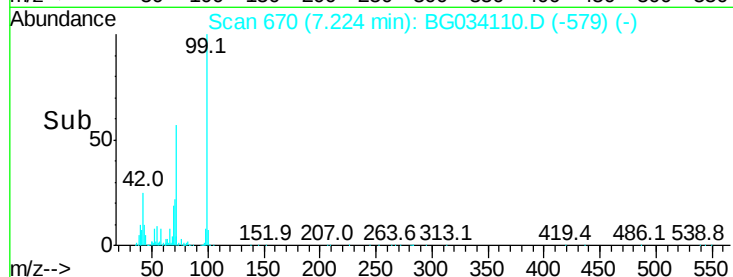
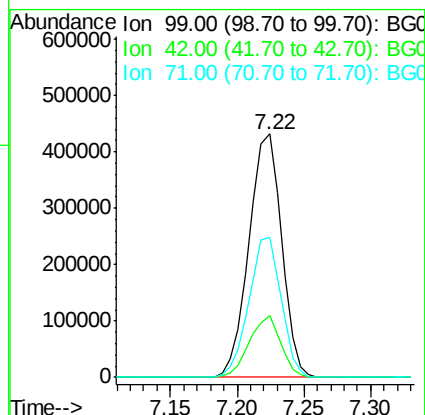
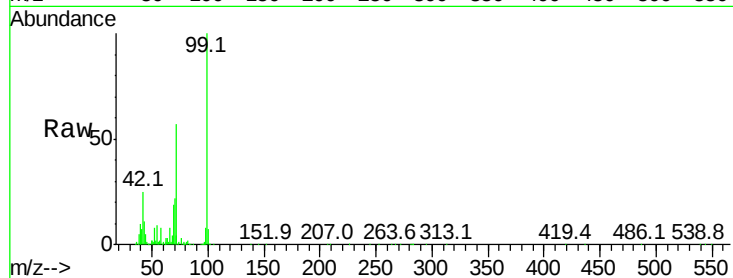
Tot Ion: 99 Resp: 730433

Ion Ratio Lower Upper

99 100

42 25.3 14.1 21.1#

71 57.5 26.1 39.1#



#8

2-Chlorophenol

Concen: 0.048 ng

RT: 7.62 min Scan# 737

Delta R.T. -0.02 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

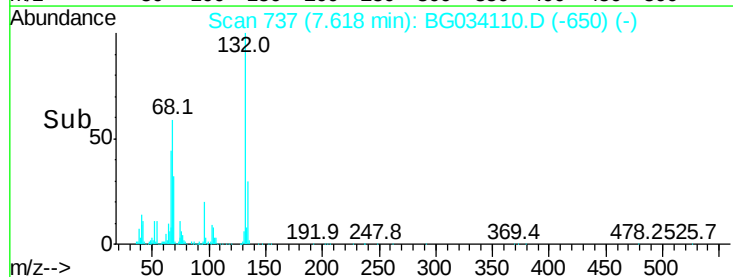
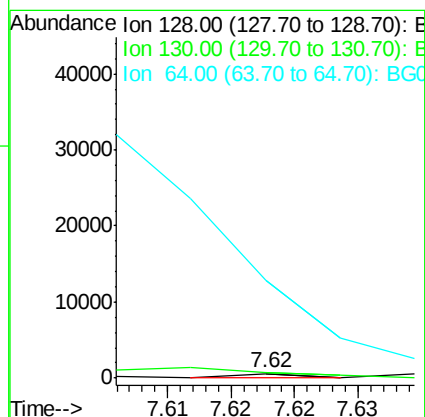
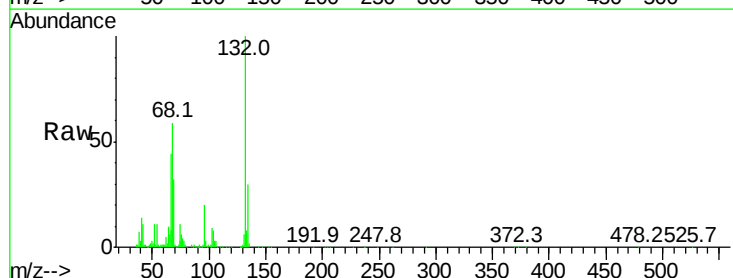
Tgt Ion:128 Resp: 207

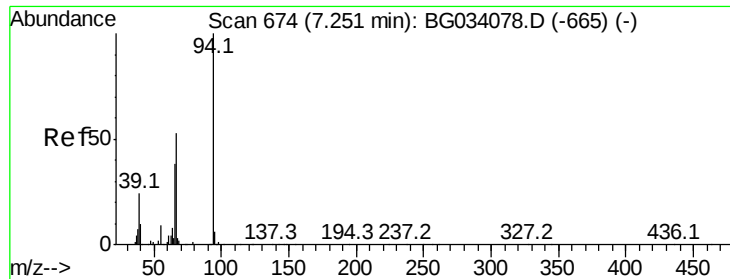
Ion Ratio Lower Upper

128 100

130 126.8 14.0 54.0#

64 2189.9 37.7 77.7#





#10

Phenol

Concen: 0.023 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

Instrument :

BNA\_G

ClientSampleId :

TR-05-042718

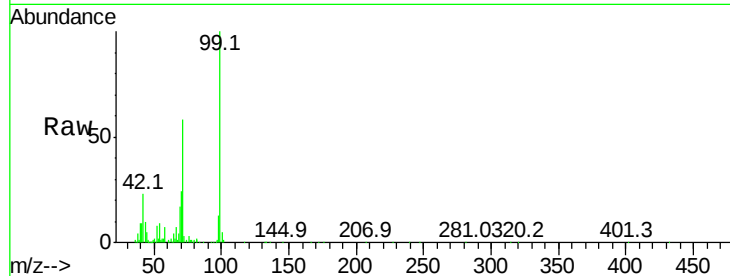
Tot Ion: 94 Resp: 156

Ion Ratio Lower Upper

94 100

65 1405.5 11.9 51.9#

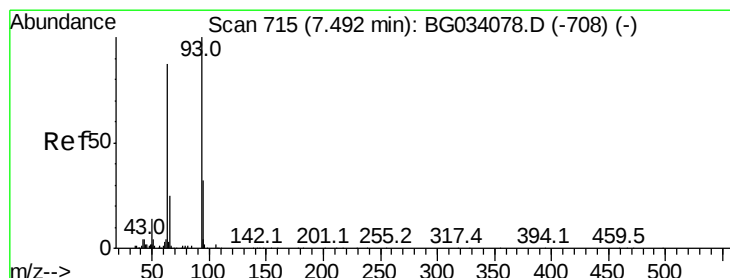
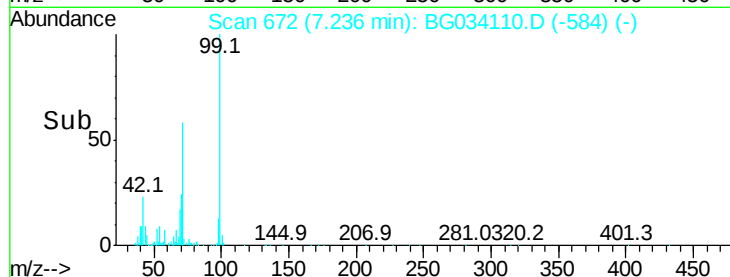
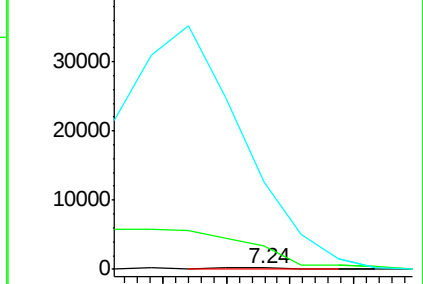
66 5345.6 22.2 62.2#



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



#11

bis(2-Chloroethyl)ether

Concen: 0.021 ng

RT: 7.52 min Scan# 720

Delta R.T. 0.03 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

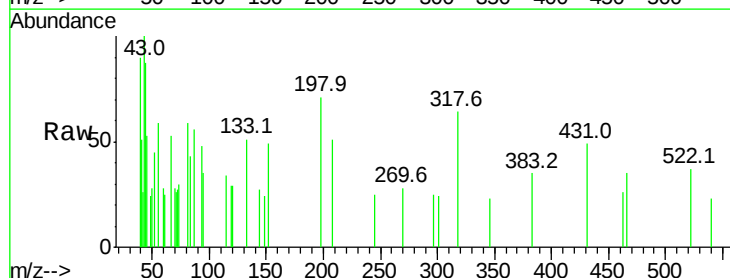
Tgt Ion: 93 Resp: 113

Ion Ratio Lower Upper

93 100

63 0.0 67.1 107.1#

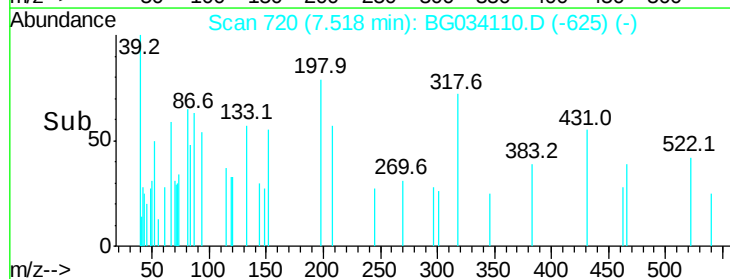
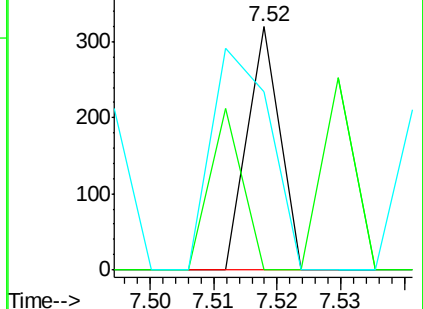
95 73.4 11.5 51.5#

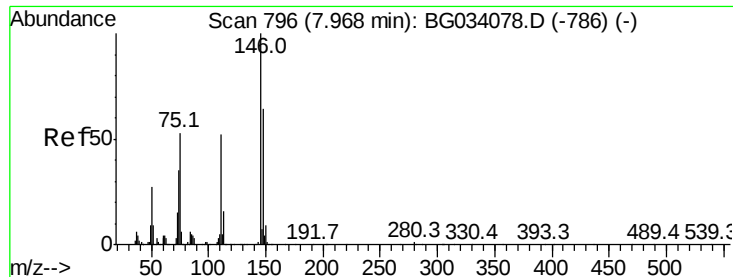


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC





#12

1,3-Dichlorobenzene

Concen: 0.045 ng

RT: 8.06 min Scan# 813

Delta R.T. 0.10 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

Instrument :

BNA\_G

ClientSampleId :

TR-05-042718

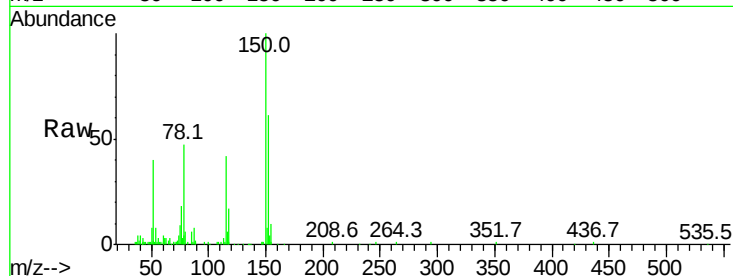
Tot Ion:146 Resp: 246

Ion Ratio Lower Upper

146 100

148 0.0 51.4 77.2#

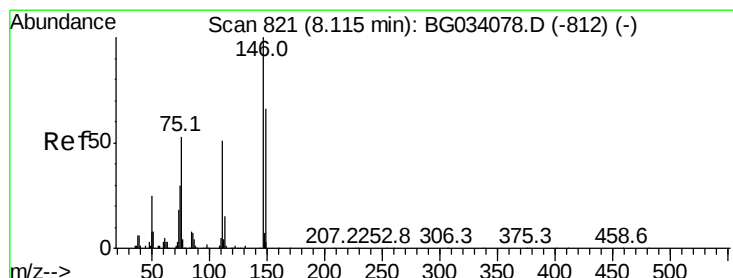
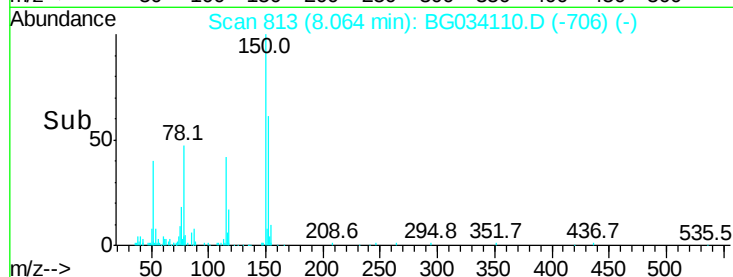
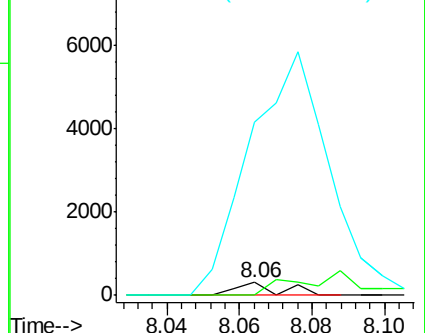
75 1351.6 26.6 39.8#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC



#13

1,4-Dichlorobenzene

Concen: 0.046 ng

RT: 8.06 min Scan# 813

Delta R.T. -0.05 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

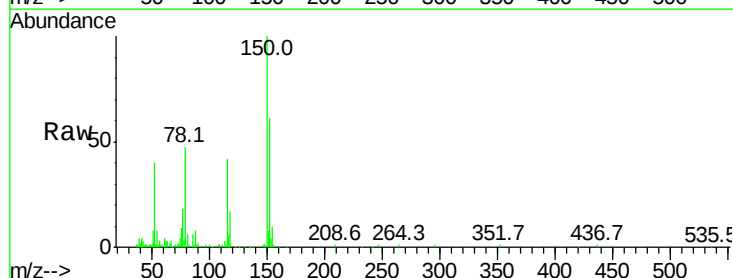
Tgt Ion:146 Resp: 246

Ion Ratio Lower Upper

146 100

148 0.0 53.7 80.5#

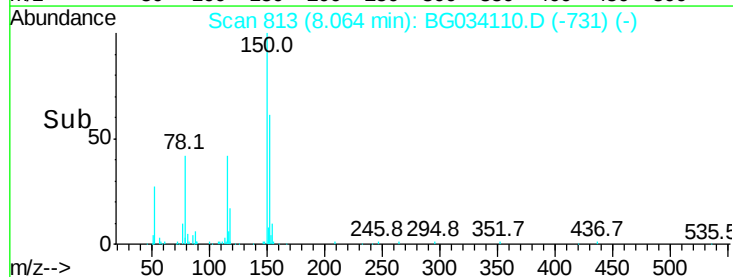
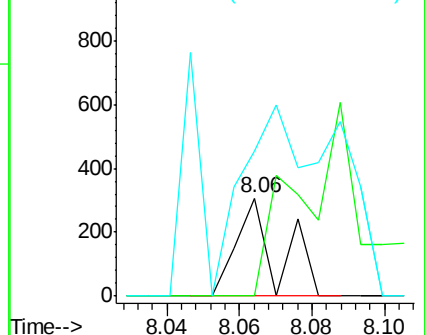
111 148.0 35.2 52.8#

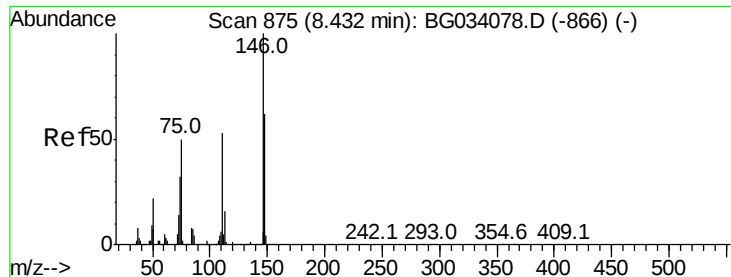


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 0.032 ng

RT: 8.40 min Scan# 870

Delta R.T. -0.03 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

Instrument :

BNA\_G

ClientSampleId :

TR-05-042718

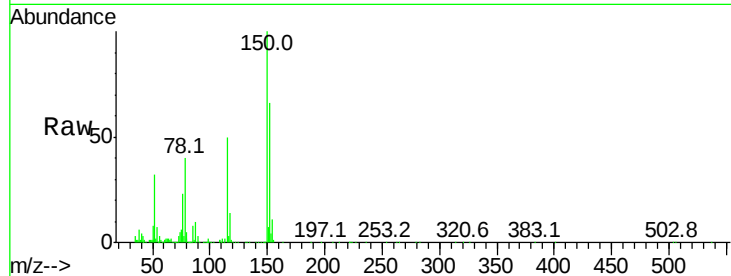
Tot Ion:146 Resp: 164

Ion Ratio Lower Upper

146 100

148 497.9 49.3 73.9#

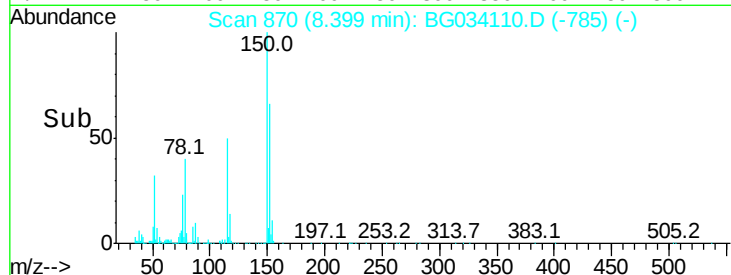
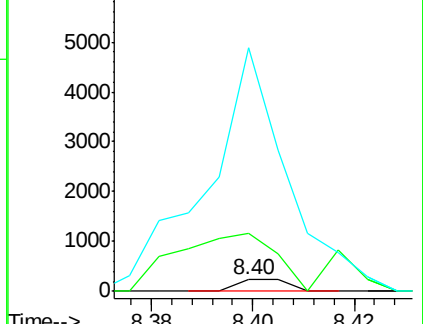
111 2096.1 34.3 51.5#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 1.940 ng

RT: 8.39 min Scan# 869

Delta R.T. 0.08 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

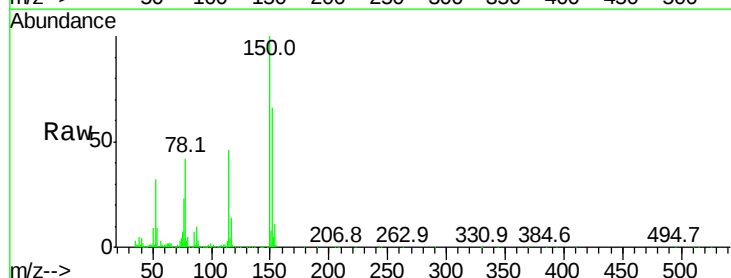
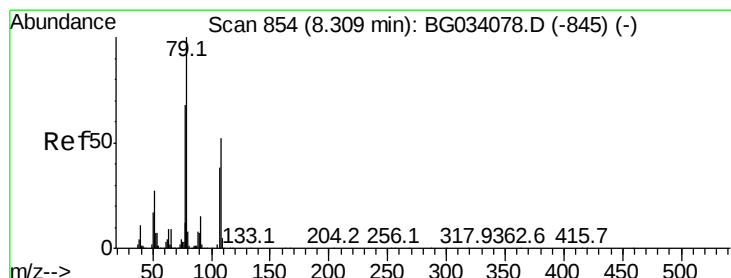
Tgt Ion: 79 Resp: 13811

Ion Ratio Lower Upper

79 100

108 25.9 57.2 85.8#

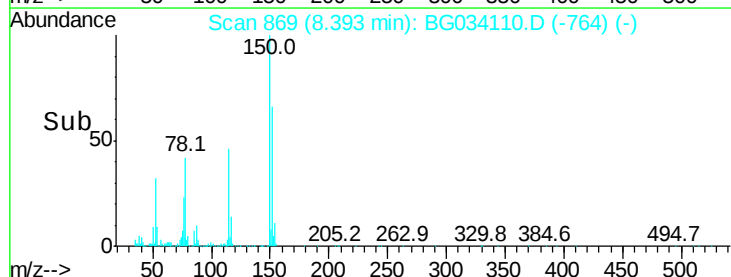
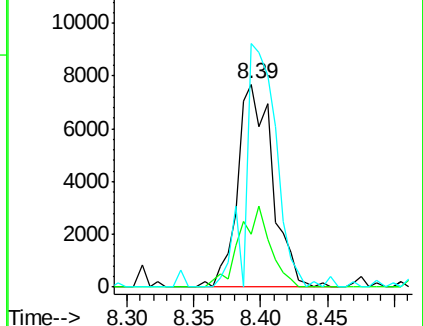
77 120.0 46.1 69.1#

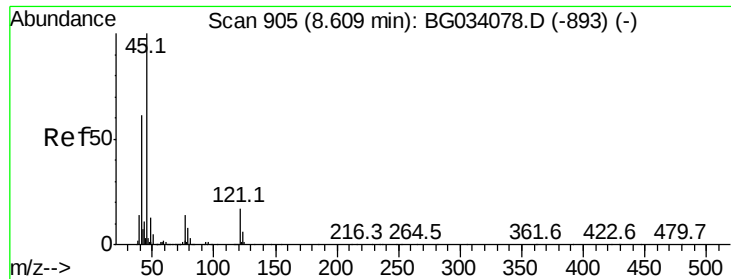


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC





#16

2,2'-oxvbis(1-Chloropropane)

Concen: 0.051 ng

RT: 8.63 min Scan# 910

Delta R.T. 0.03 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

Instrument :

BNA\_G

ClientSampleId :

TR-05-042718

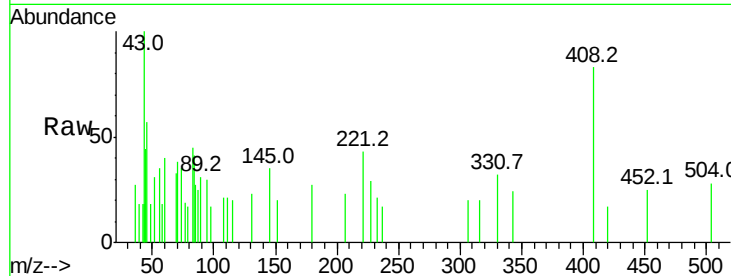
Tot Ion: 45 Resp: 370

Ion Ratio Lower Upper

45 100

77 0.0 0.0 30.2

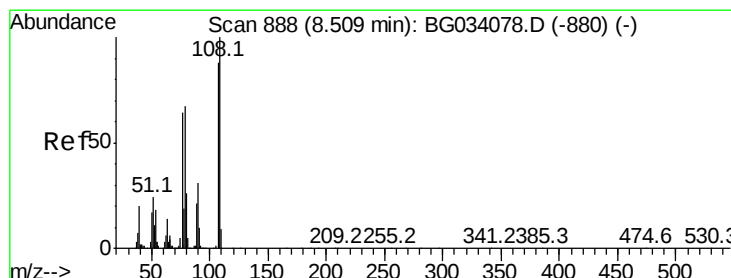
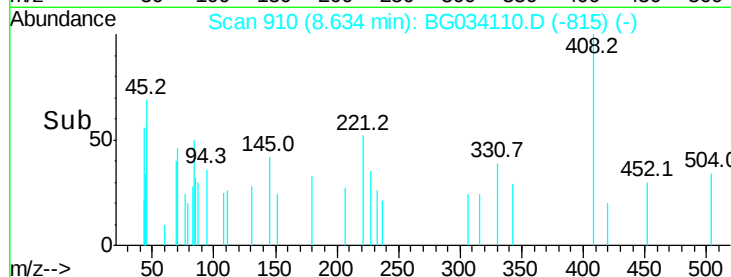
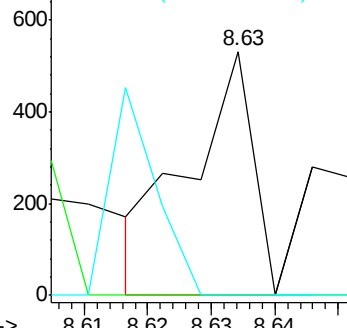
79 0.0 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#17

2-Methylphenol

Concen: 0.028 ng

RT: 8.52 min Scan# 890

Delta R.T. 0.01 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

Tgt Ion: 107 Resp: 122

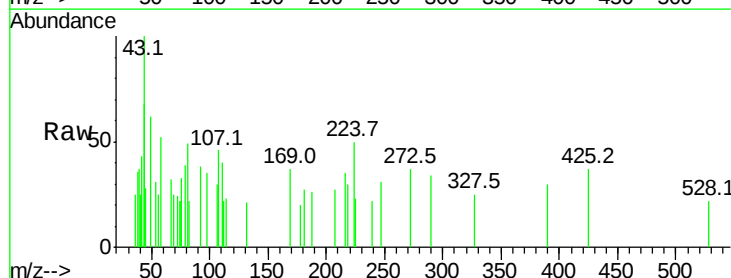
Ion Ratio Lower Upper

107 100

108 0.0 83.9 125.9#

77 0.0 37.2 55.8#

79 0.0 36.2 54.2#

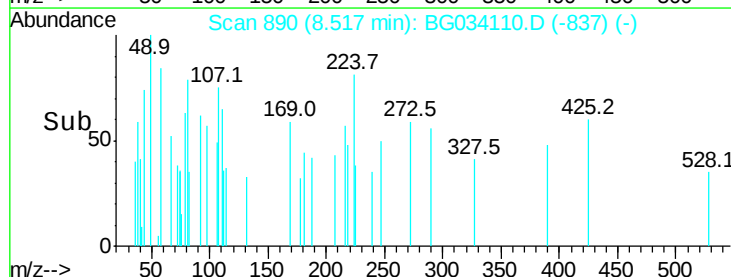
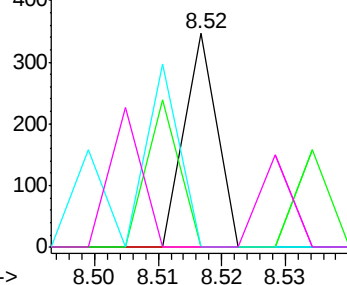


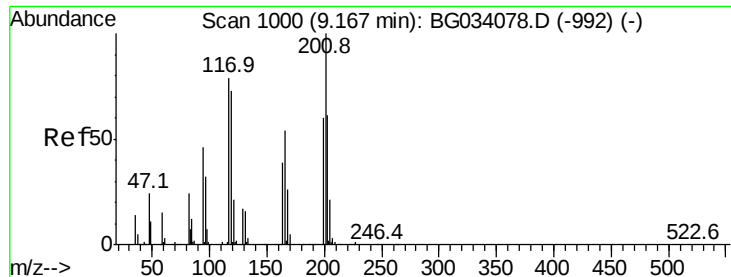
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

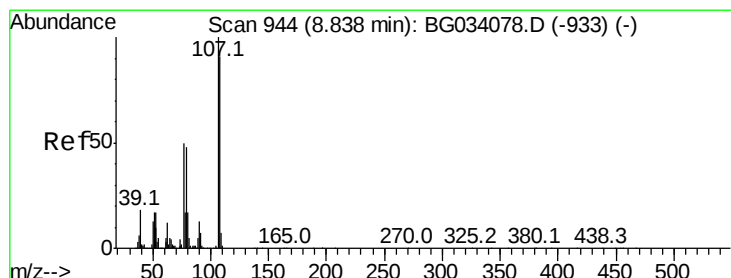
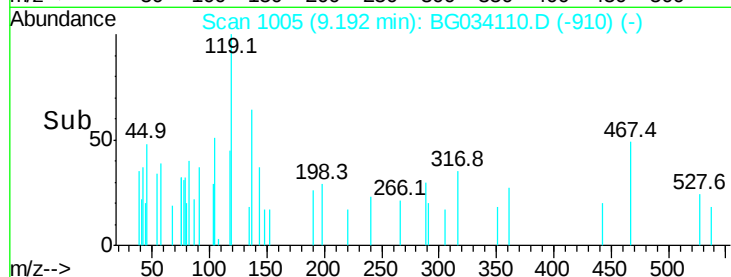
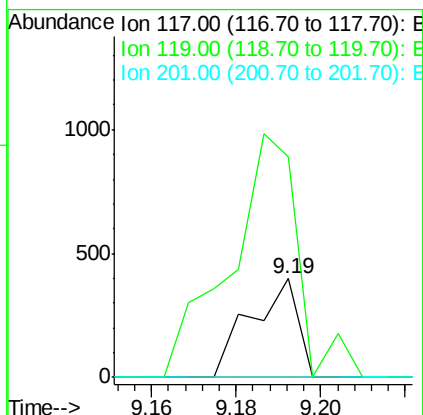
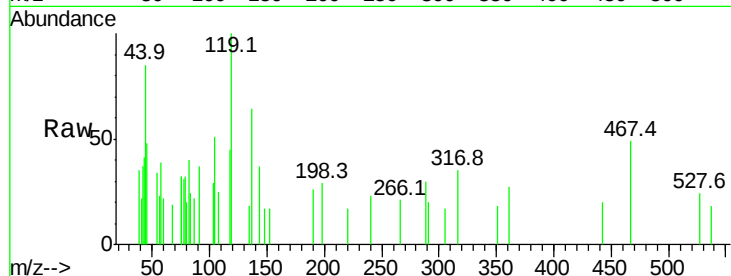




#18  
Hexachloroethane  
Concen: 0.136 ng  
RT: 9.19 min Scan# 1005  
Delta R.T. 0.03 min  
Lab File: BG034110.D  
Acq: 2 May 2018 11:11

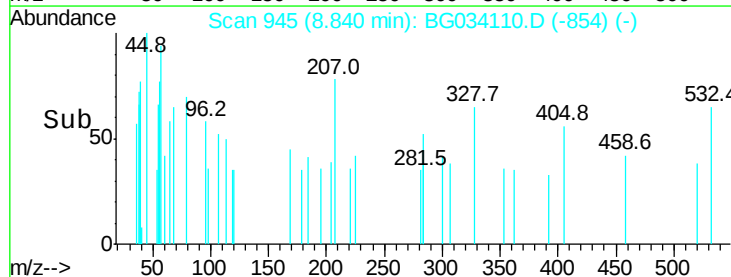
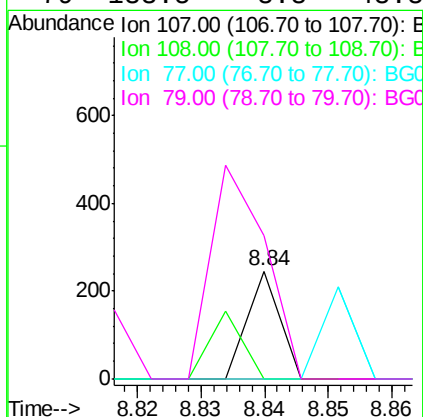
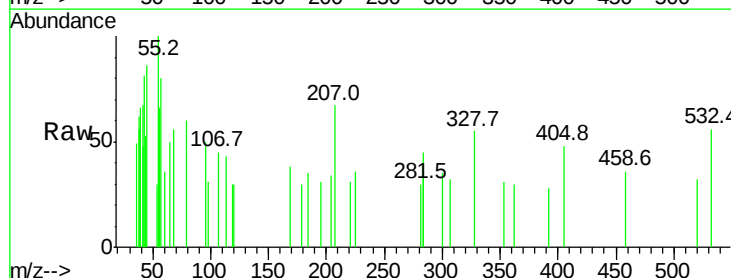
Instrument :  
BNA\_G  
ClientSampleId :  
TR-05-042718

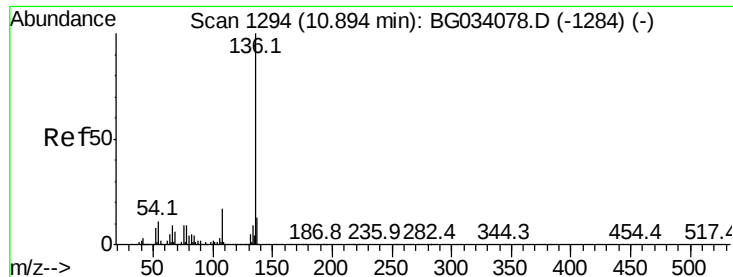
Tot Ion:117 Resp: 311  
Ion Ratio Lower Upper  
117 100  
119 223.6 76.7 115.1#  
201 0.0 95.7 143.5#



#20  
3+4-Methylphenols  
Concen: 0.013 ng  
RT: 8.84 min Scan# 945  
Delta R.T. 0.00 min  
Lab File: BG034110.D  
Acq: 2 May 2018 11:11

Tgt Ion:107 Resp: 86  
Ion Ratio Lower Upper  
107 100  
108 0.0 61.6 101.6#  
77 0.0 13.9 53.9#  
79 133.5 8.8 48.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.89 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

Instrument :

BNA\_G

ClientSampleId :

TR-05-042718

Tot Ion:136 Resp: 263290

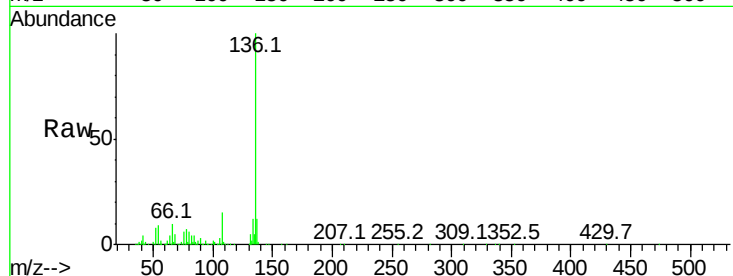
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 9.4 10.3 15.5#

68 5.0 4.5 6.7

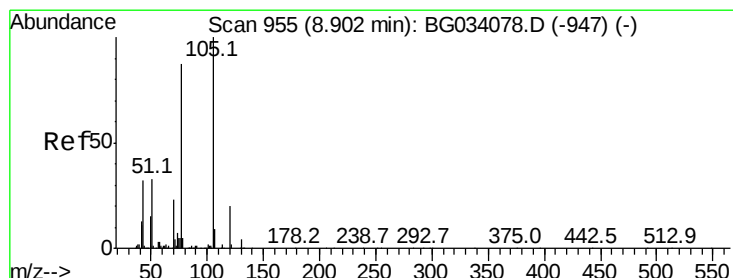
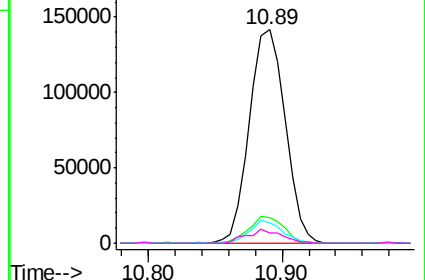
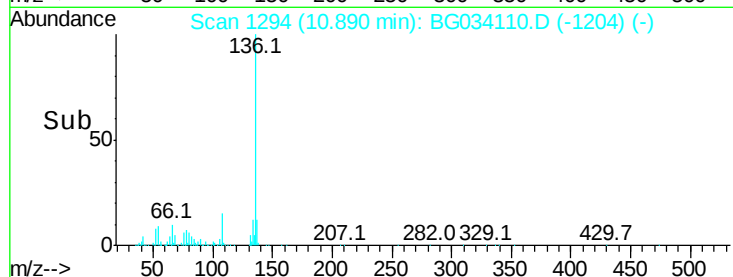


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 0.053 ng

RT: 8.92 min Scan# 958

Delta R.T. 0.01 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

Tgt Ion:105 Resp: 472

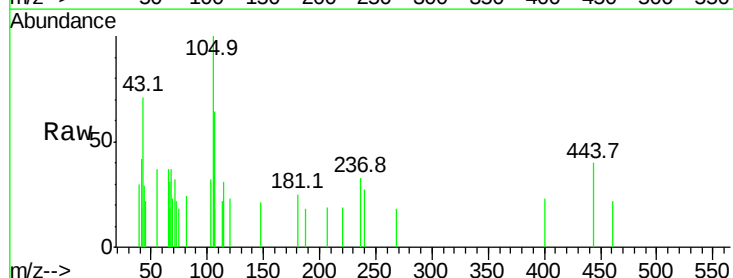
Ion Ratio Lower Upper

105 100

71 31.7 3.0 4.4#

51 0.0 26.1 39.1#

120 22.7 17.4 26.2

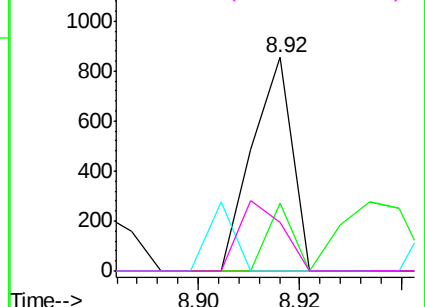
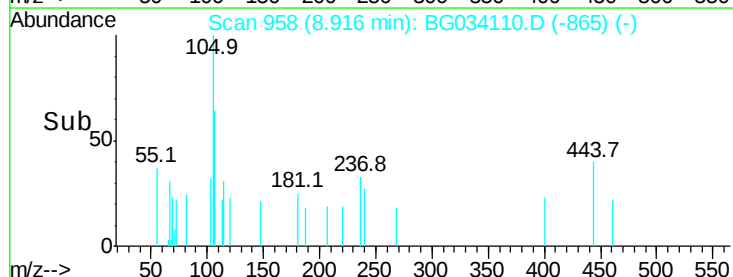


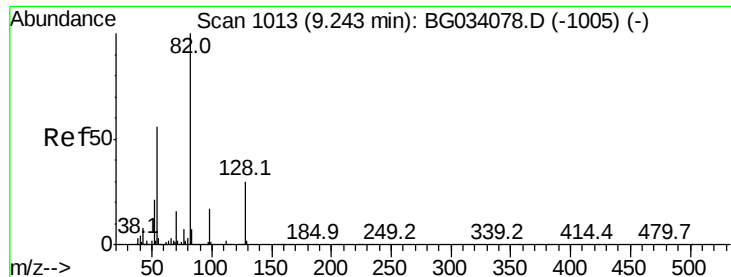
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 91.708 ng

RT: 9.23 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

Instrument :

BNA\_G

ClientSampleId :

TR-05-042718

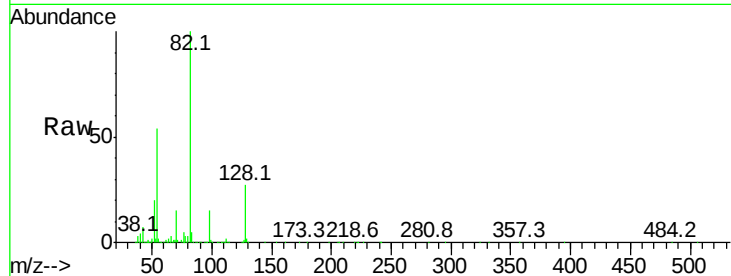
Tot Ion: 82 Resp: 629319

Ion Ratio Lower Upper

82 100

128 26.9 29.7 44.5#

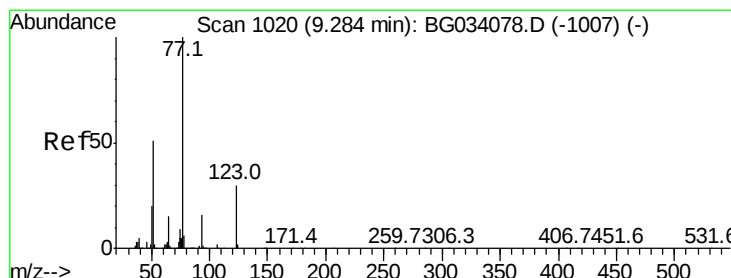
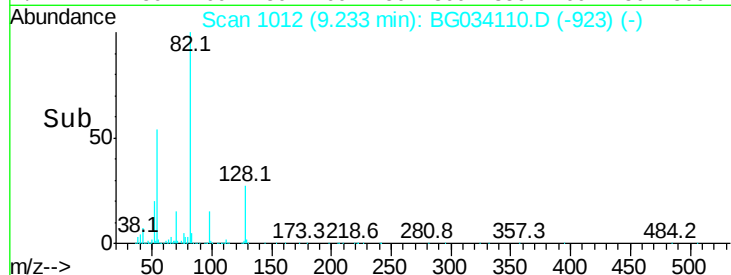
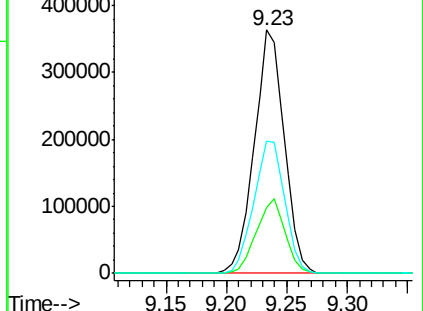
54 54.1 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 0.259 ng

RT: 9.25 min Scan# 1014

Delta R.T. -0.04 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

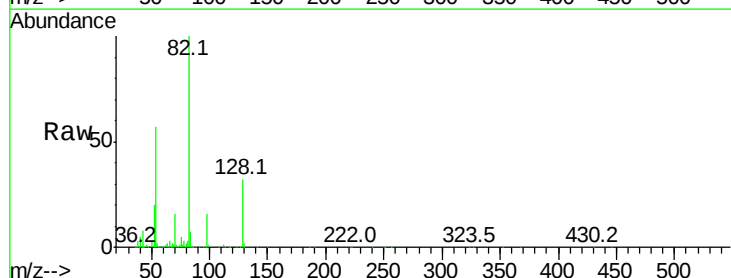
Tgt Ion: 77 Resp: 1949

Ion Ratio Lower Upper

77 100

123 28.3 33.0 49.6#

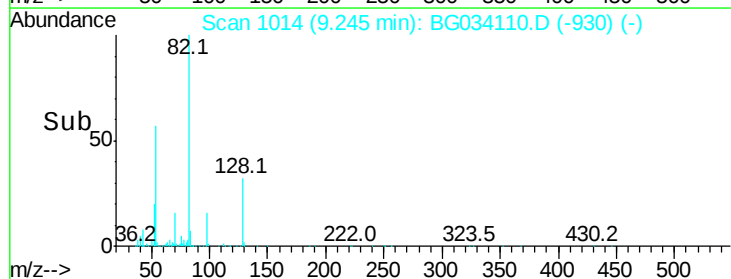
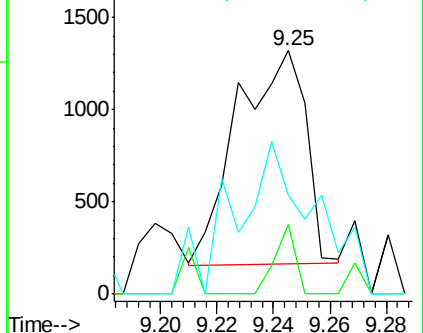
65 40.8 13.0 19.6#

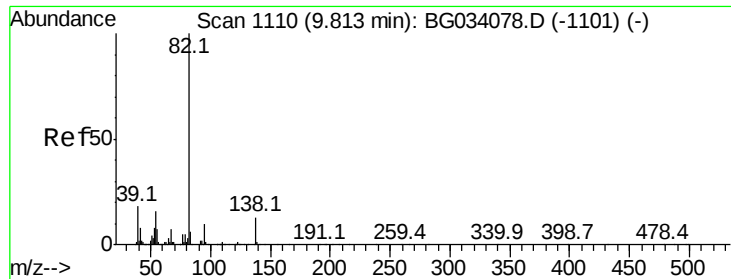


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 0.006 ng

RT: 9.83 min Scan# 1113

Delta R.T. 0.01 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

Instrument :

BNA\_G

ClientSampleId :

TR-05-042718

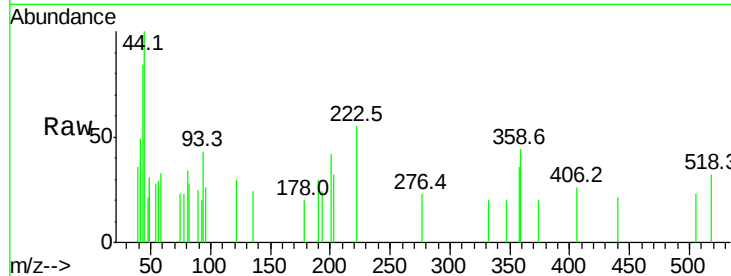
Tot Ion: 82 Resp: 77

Ion Ratio Lower Upper

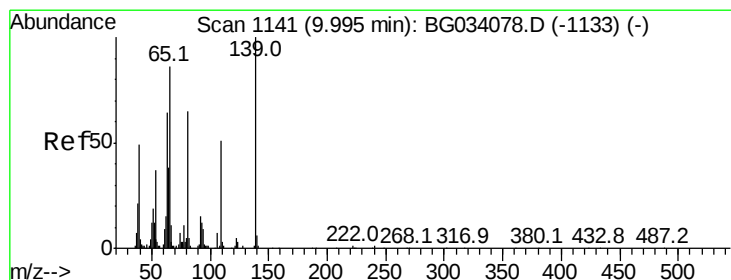
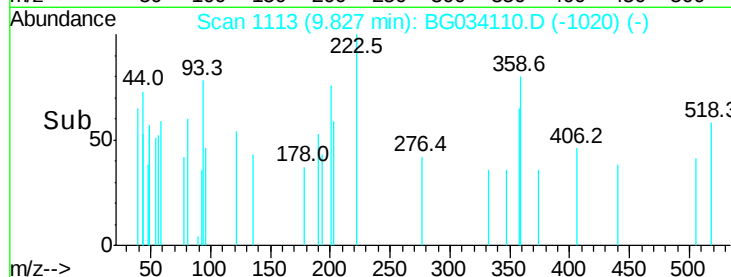
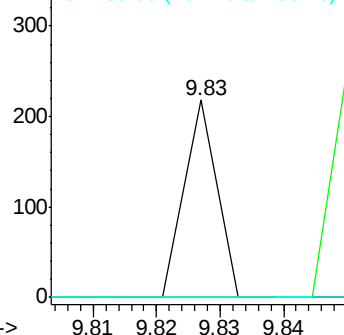
82 100

95 0.0 6.2 9.2#

138 0.0 12.1 18.1#



Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC  
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 0.026 ng

RT: 9.97 min Scan# 1137

Delta R.T. -0.03 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

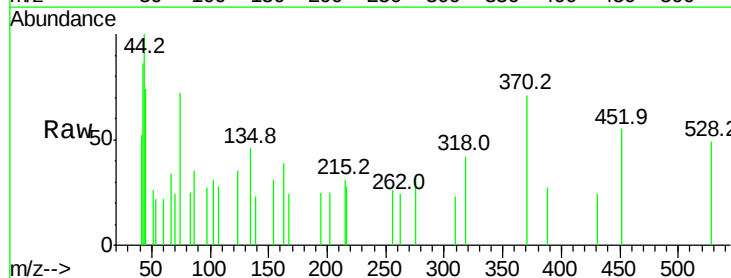
Tgt Ion: 139 Resp: 55

Ion Ratio Lower Upper

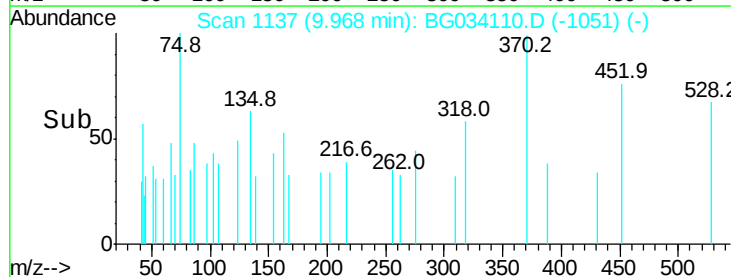
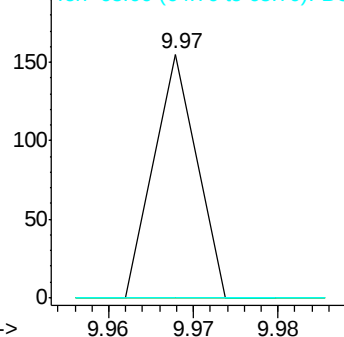
139 100

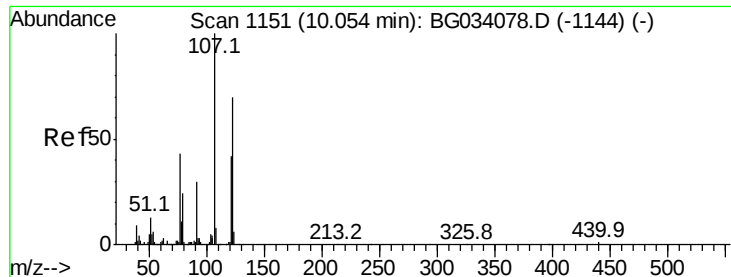
109 0.0 24.2 36.2#

65 0.0 47.4 71.0#



Abundance Ion 139.00 (138.70 to 139.70): BGC  
Ion 109.00 (108.70 to 109.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC





#27

2,4-Dimethylphenol

Concen: 0.053 ng

RT: 10.01 min Scan# 1145

Delta R.T. -0.04 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

Instrument :

BNA\_G

ClientSampleId :

TR-05-042718

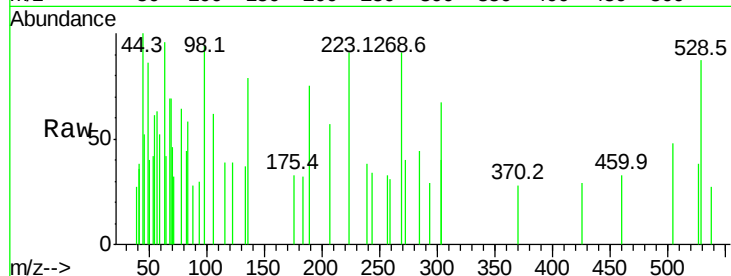
Tot Ion:122 Resp: 215

Ion Ratio Lower Upper

122 100

107 0.0 100.2 150.2#

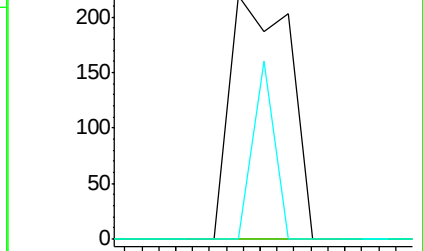
121 0.0 44.4 66.6#



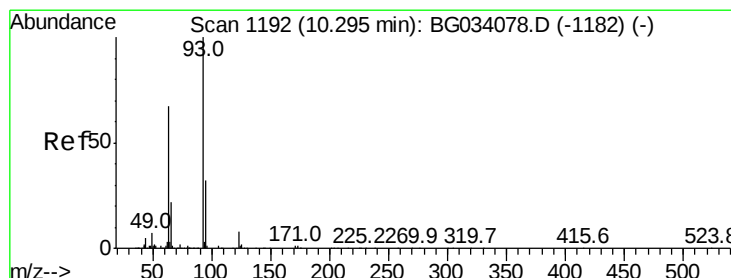
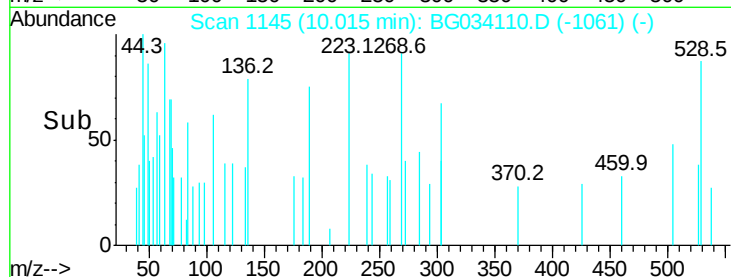
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 0.027 ng

RT: 10.29 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

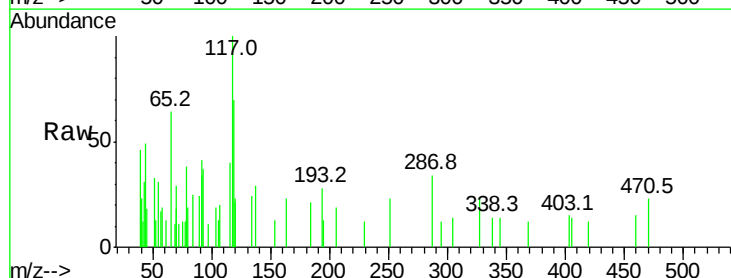
Tgt Ion: 93 Resp: 183

Ion Ratio Lower Upper

93 100

95 0.0 24.3 36.5#

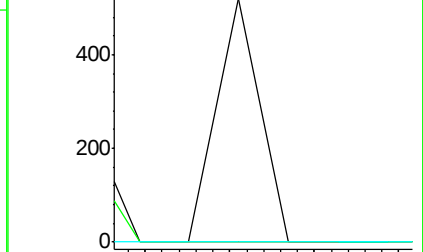
123 0.0 8.4 12.6#



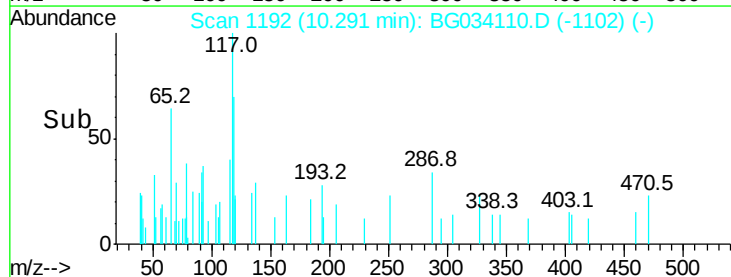
Abundance Ion 93.00 (92.70 to 93.70): BGC

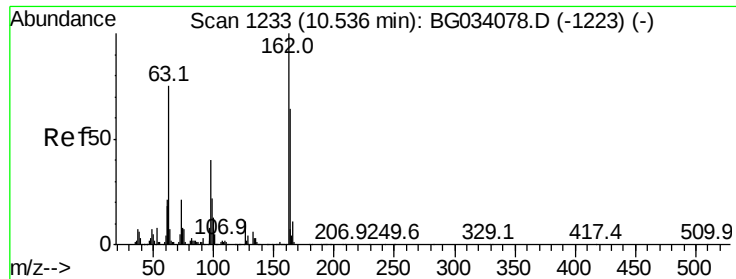
Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E



Time-->

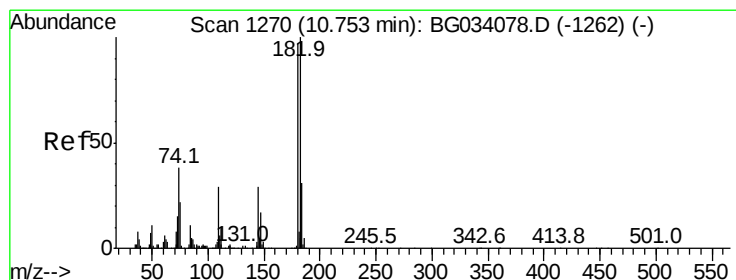
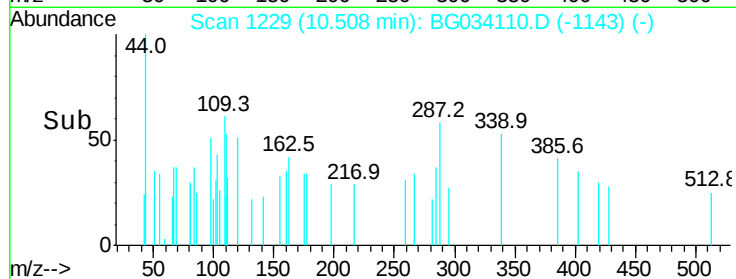
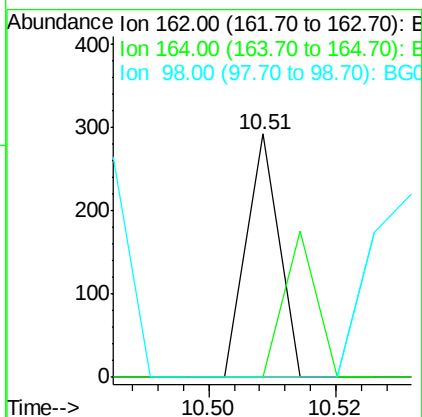
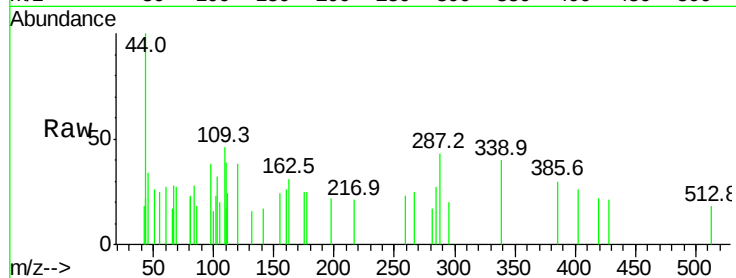




#29  
2,4-Dichlorophenol  
Concen: 0.021 ng  
RT: 10.51 min Scan# 1229  
Delta R.T. -0.03 min  
Lab File: BG034110.D  
Acq: 2 May 2018 11:11

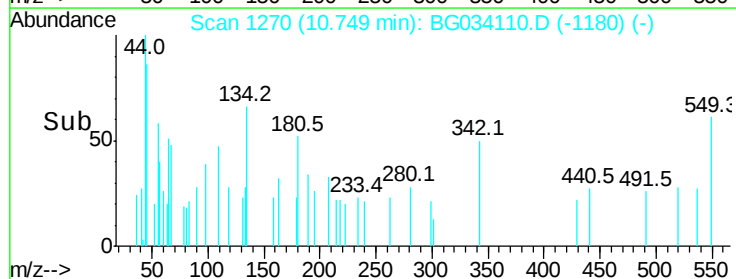
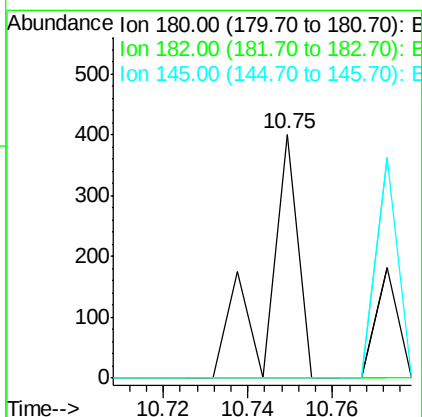
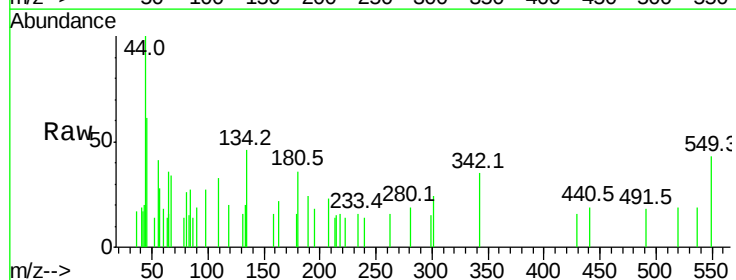
Instrument :  
BNA\_G  
ClientSampleId :  
TR-05-042718

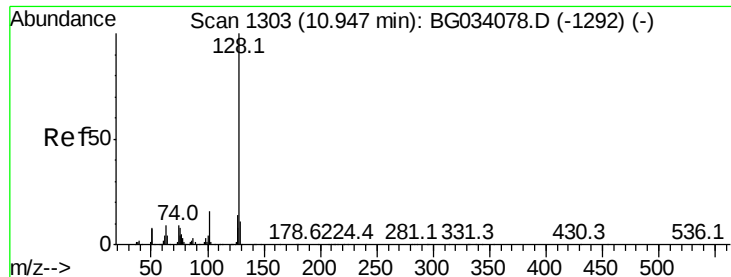
Tot Ion:162 Resp: 103  
Ion Ratio Lower Upper  
162 100  
164 0.0 48.0 88.0#  
98 0.0 21.1 61.1#



#30  
1,2,4-Trichlorobenzene  
Concen: 0.035 ng  
RT: 10.75 min Scan# 1270  
Delta R.T. -0.00 min  
Lab File: BG034110.D  
Acq: 2 May 2018 11:11

Tgt Ion:180 Resp: 203  
Ion Ratio Lower Upper  
180 100  
182 0.0 77.5 116.3#  
145 0.0 23.4 35.2#

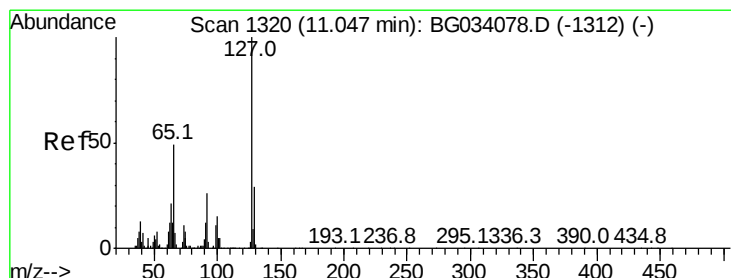
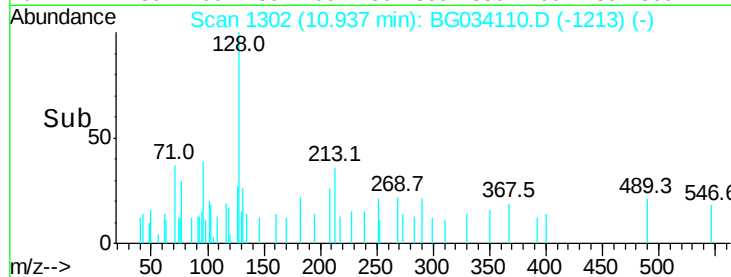
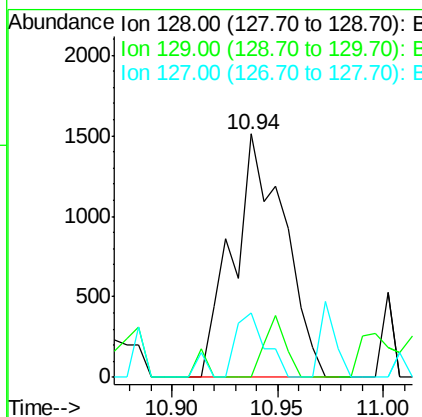
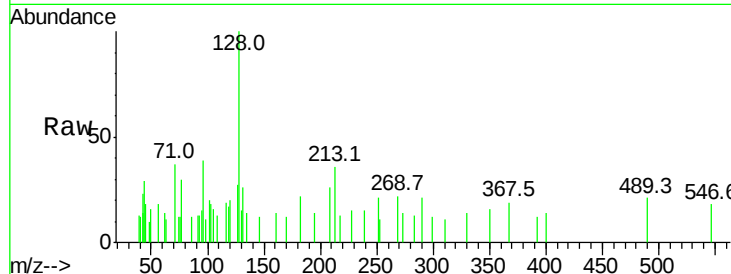




#31  
Naphthalene  
Concen: 0.185 ng  
RT: 10.94 min Scan# 1302  
Delta R.T. -0.01 min  
Lab File: BG034110.D  
Acq: 2 May 2018 11:11

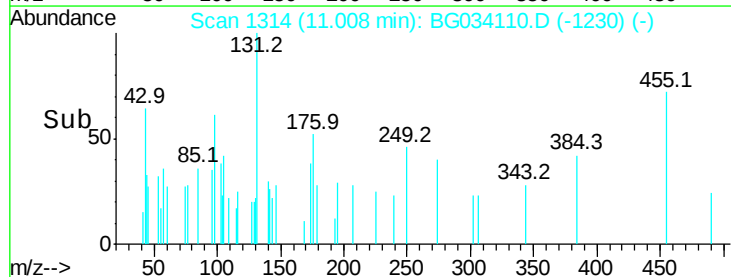
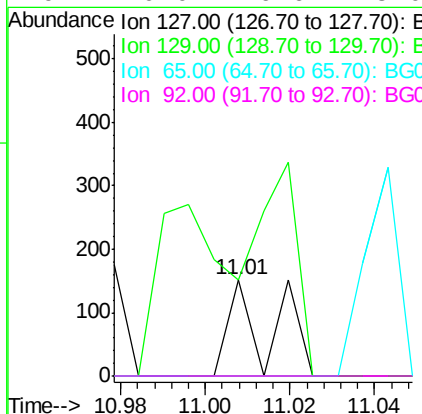
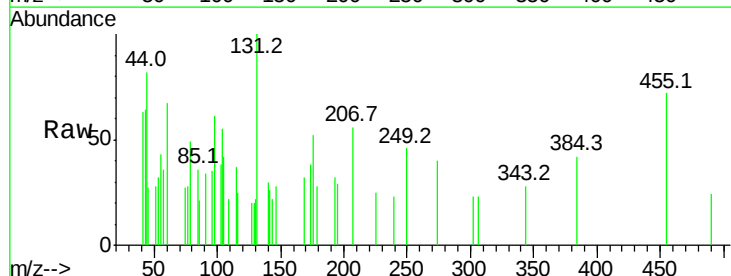
Instrument :  
BNA\_G  
ClientSampleId :  
TR-05-042718

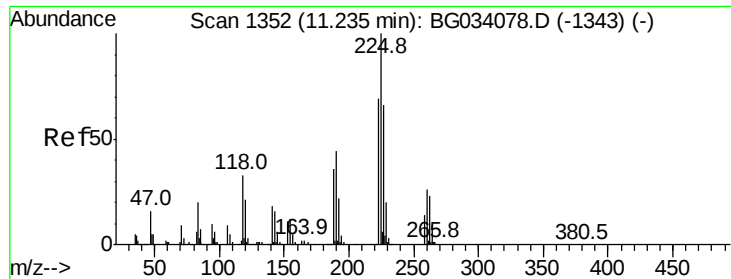
Tot Ion:128 Resp: 2560  
Ion Ratio Lower Upper  
128 100  
129 0.0 8.6 12.8#  
127 26.5 11.6 17.4#



#33  
4-Chloroaniline  
Concen: 0.017 ng  
RT: 11.01 min Scan# 1314  
Delta R.T. -0.04 min  
Lab File: BG034110.D  
Acq: 2 May 2018 11:11

Tgt Ion:127 Resp: 107  
Ion Ratio Lower Upper  
127 100  
129 100.0 24.0 36.0#  
65 0.0 27.0 40.4#  
92 0.0 16.6 25.0#





#34

Hexachlorobutadiene

Concen: 0.014 ng

RT: 11.14 min Scan# 1337

Delta R.T. -0.09 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

Instrument :

BNA\_G

ClientSampleId :

TR-05-042718

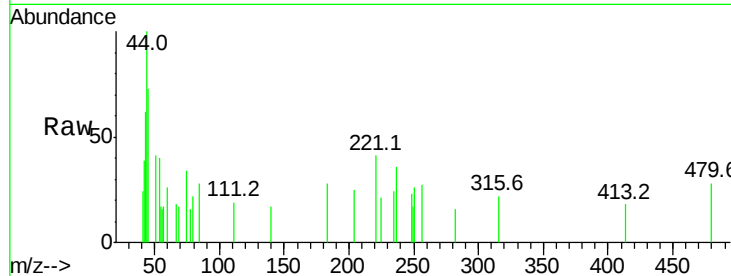
Tot Ion:225 Resp: 71

Ion Ratio Lower Upper

225 100

223 0.0 49.7 74.5#

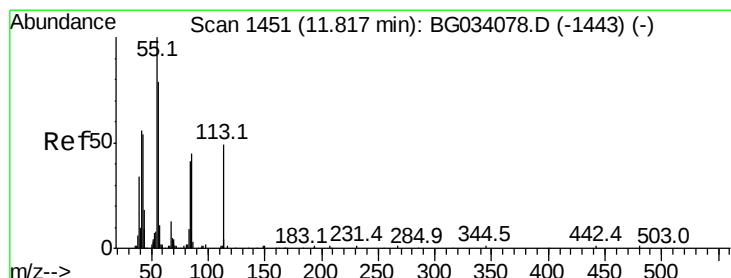
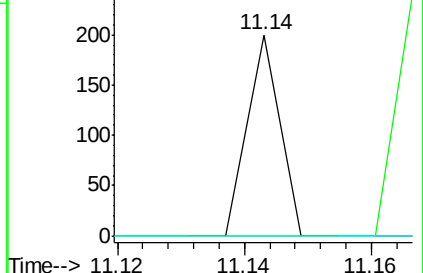
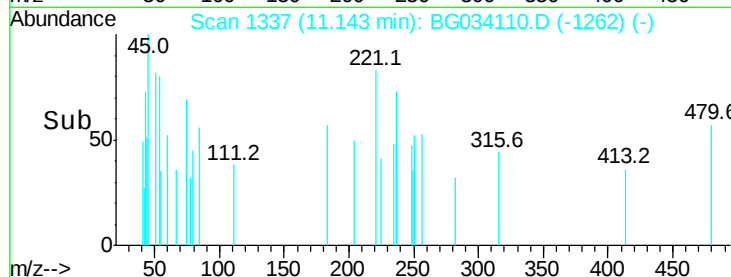
227 0.0 48.1 72.1#



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 0.071 ng

RT: 11.77 min Scan# 1443

Delta R.T. -0.05 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

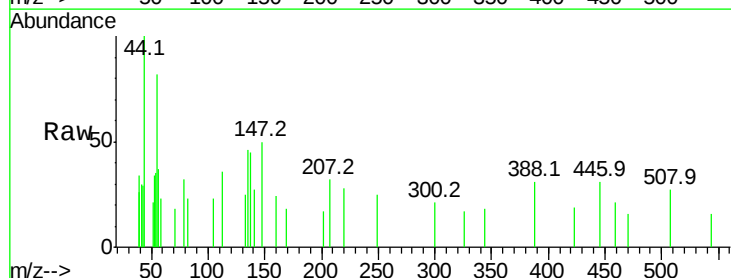
Tgt Ion:113 Resp: 122

Ion Ratio Lower Upper

113 100

55 229.3 186.9 226.9#

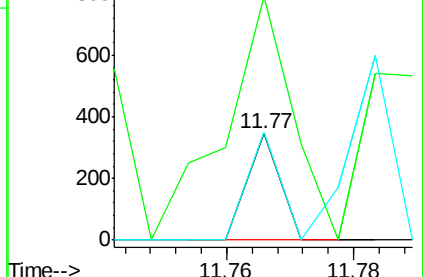
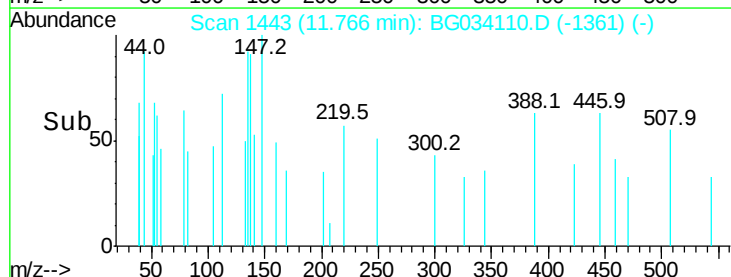
56 102.0 130.9 170.9#

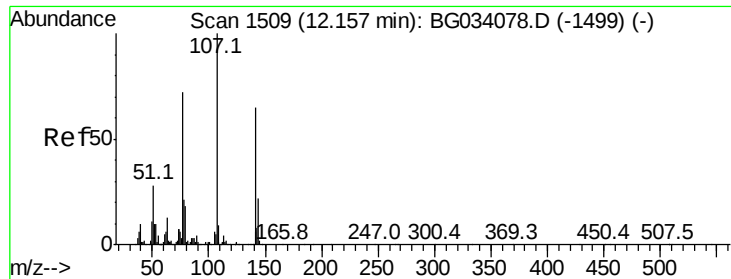


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

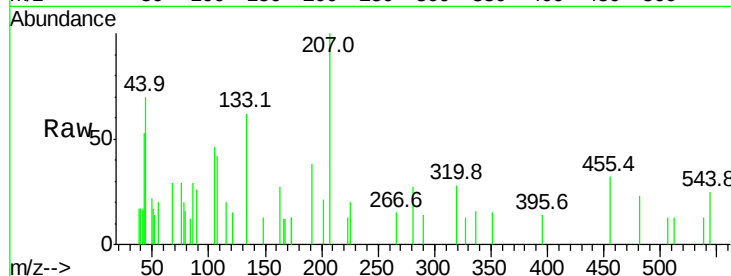




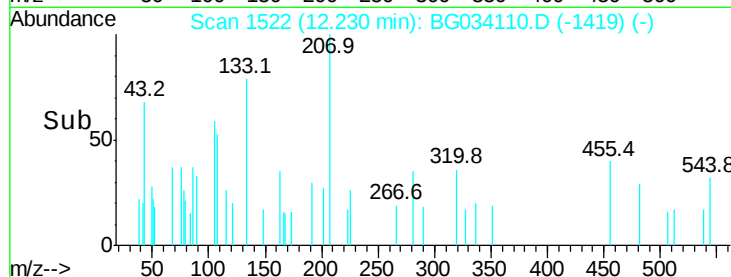
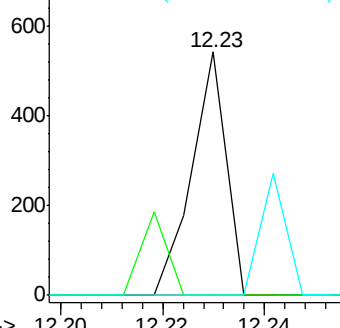
#36  
 4-Chloro-3-methylphenol  
 Concen: 0.040 ng  
 RT: 12.23 min Scan# 1522  
 Delta R.T. 0.07 min  
 Lab File: BG034110.D  
 Acq: 2 May 2018 11:11

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-05-042718

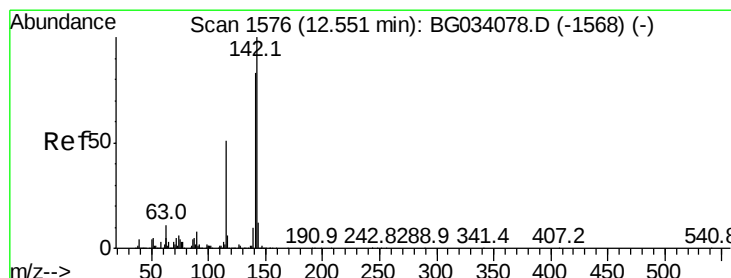
Tot Ion:107 Resp: 253  
 Ion Ratio Lower Upper  
 107 100  
 144 0.0 18.2 27.4#  
 142 0.0 59.0 88.4#



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

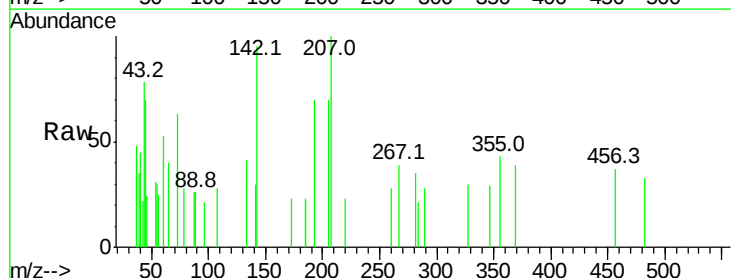


Time-->

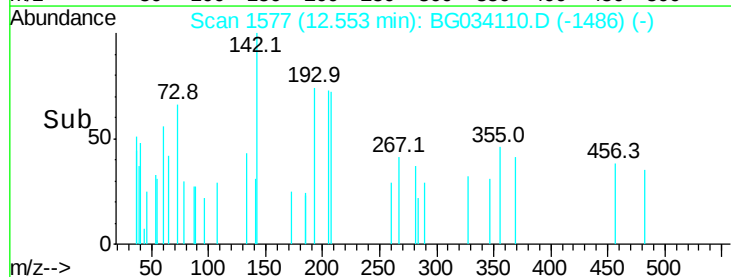
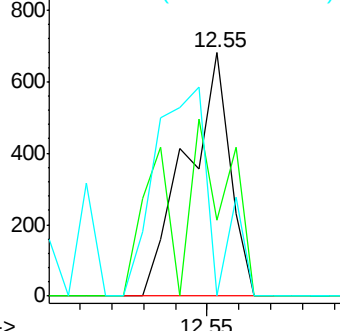


#37  
 2-Methylnaphthalene  
 Concen: 0.058 ng  
 RT: 12.55 min Scan# 1577  
 Delta R.T. 0.00 min  
 Lab File: BG034110.D  
 Acq: 2 May 2018 11:11

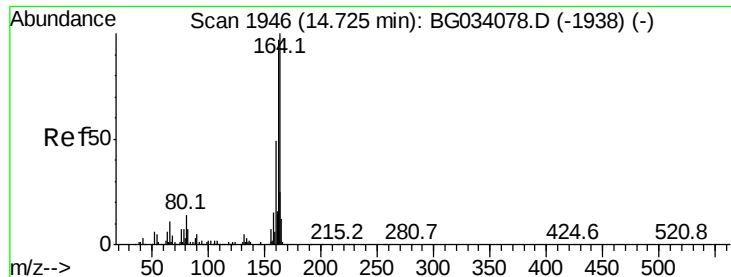
Tgt Ion:142 Resp: 647  
 Ion Ratio Lower Upper  
 142 100  
 141 31.1 67.1 100.7#  
 115 0.0 30.7 46.1#



Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E



Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

Instrument :

BNA\_G

ClientSampleId :

TR-05-042718

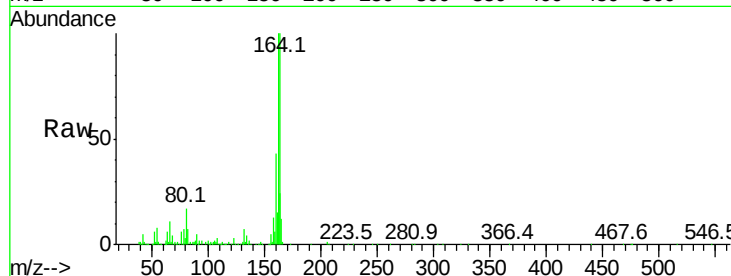
Tot Ion:164 Resp: 194690

Ion Ratio Lower Upper

164 100

162 99.7 78.8 118.2

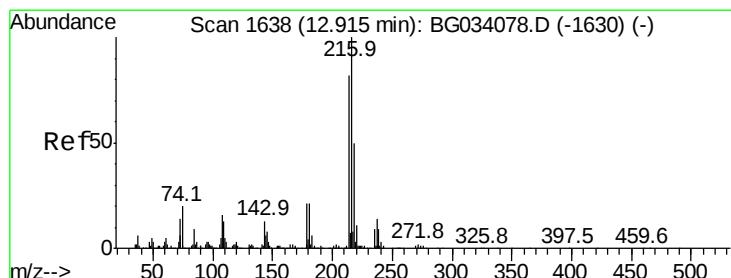
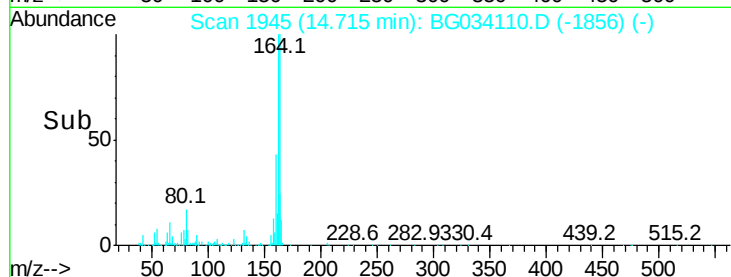
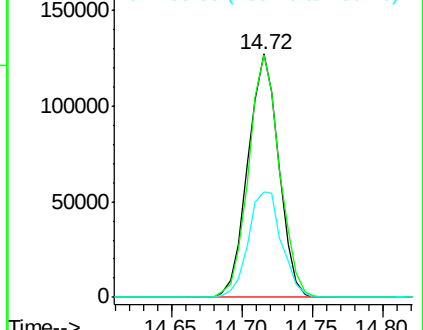
160 43.4 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.008 ng

RT: 12.91 min Scan# 1637

Delta R.T. -0.01 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

Tgt Ion:216 Resp: 58

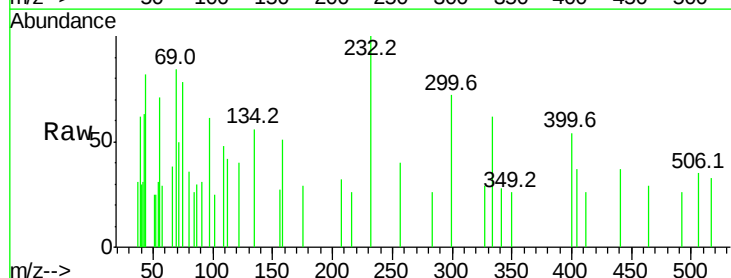
Ion Ratio Lower Upper

216 100

214 117.2 63.0 94.4#

179 0.0 17.0 25.6#

108 0.0 12.8 19.2#

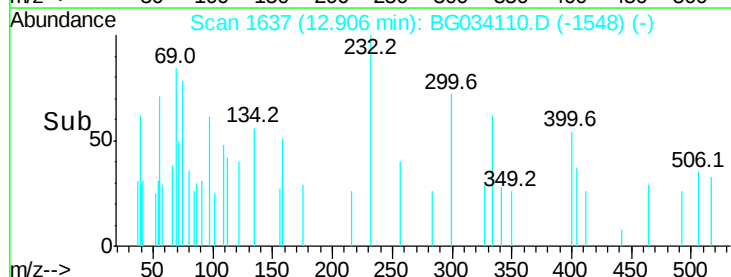
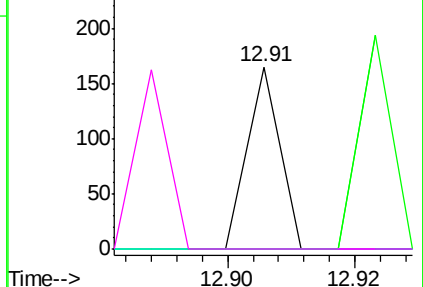


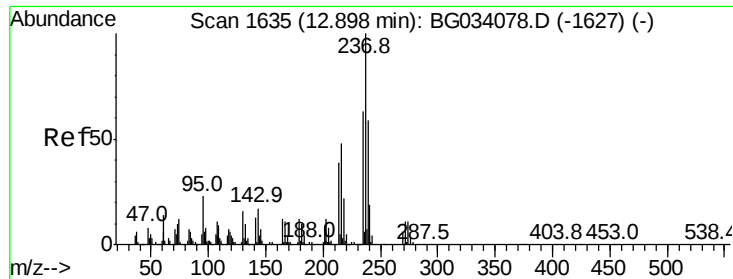
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 0.013 ng

RT: 12.87 min Scan# 1631

Delta R.T. -0.03 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

Instrument :

BNA\_G

ClientSampleId :

TR-05-042718

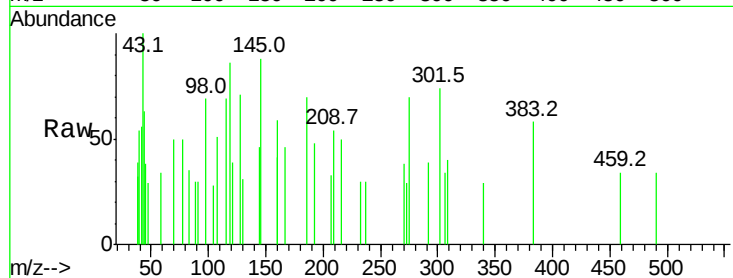
Tot Ion:237 Resp: 58

Ion Ratio Lower Upper

237 100

235 0.0 50.4 90.4#

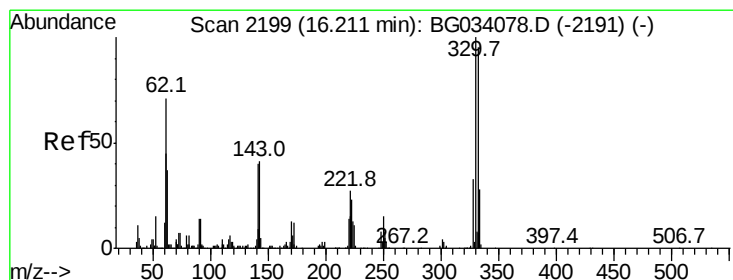
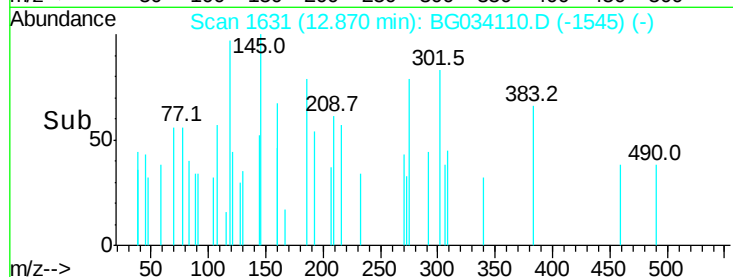
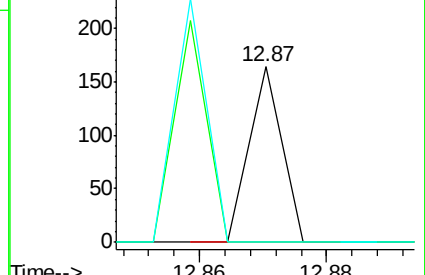
272 0.0 0.0 31.8



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 145.510 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

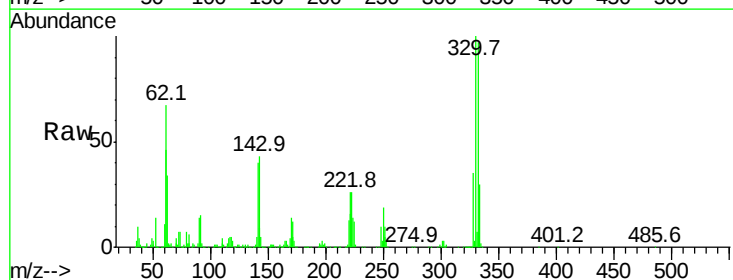
Tgt Ion:330 Resp: 392278

Ion Ratio Lower Upper

330 100

332 99.1 77.0 115.6

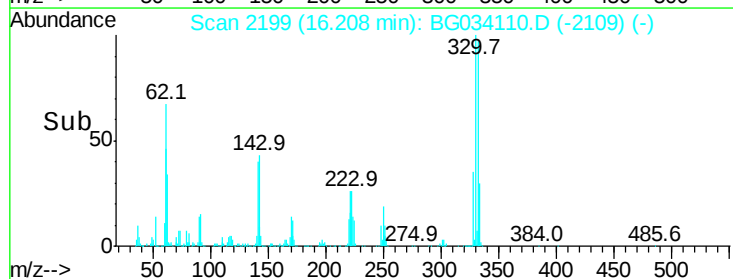
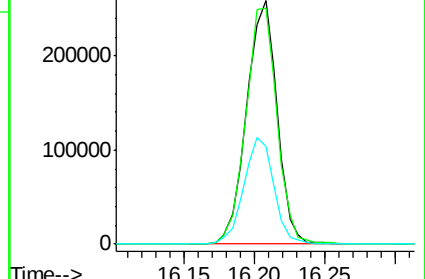
141 43.3 25.2 37.8#

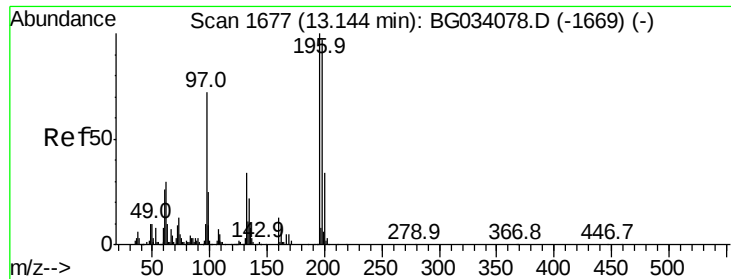


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

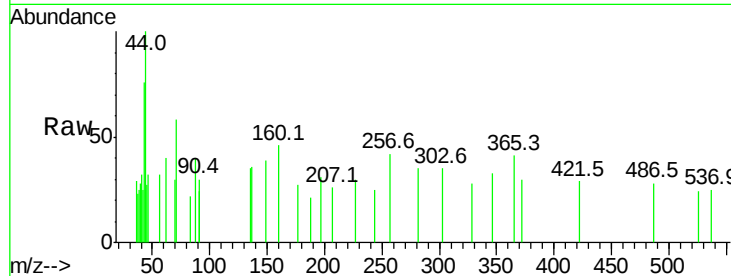




#42  
 2,4,6-Trichlorophenol  
 Concen: 0.017 ng  
 RT: 13.12 min Scan# 1674  
 Delta R.T. -0.02 min  
 Lab File: BG034110.D  
 Acq: 2 May 2018 11:11

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-05-042718

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 196     | 100   |       |        |
| 198     | 0.0   | 78.2  | 117.2# |
| 200     | 0.0   | 24.6  | 36.8#  |

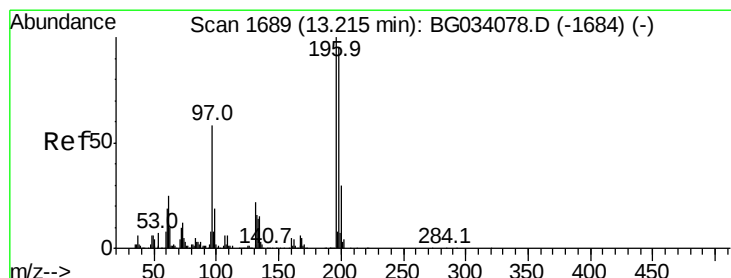
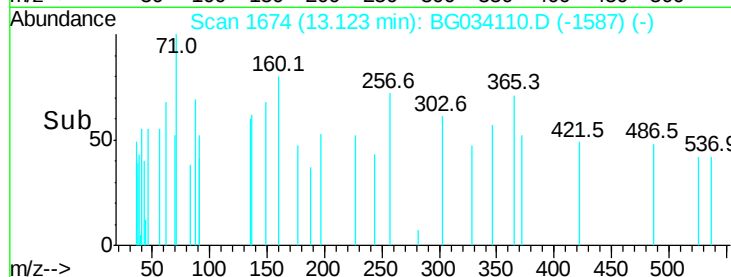
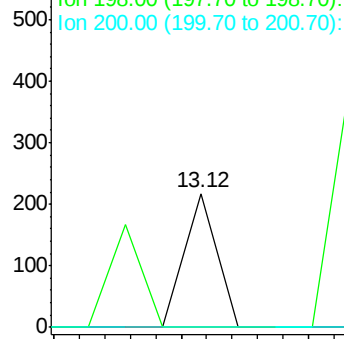


Abundance

Ion 196.00 (195.70 to 196.70): E

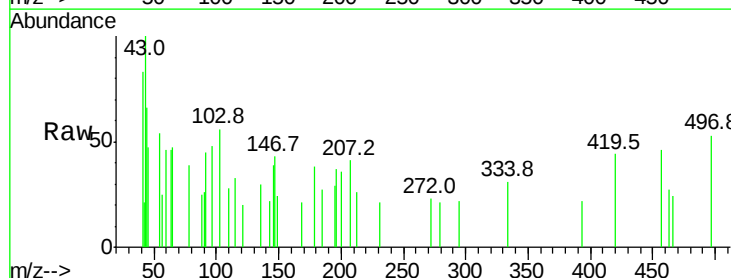
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43  
 2,4,5-Trichlorophenol  
 Concen: 0.020 ng  
 RT: 13.21 min Scan# 1688  
 Delta R.T. -0.01 min  
 Lab File: BG034110.D  
 Acq: 2 May 2018 11:11

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 196     | 100   |       |        |
| 198     | 0.0   | 76.2  | 114.4# |
| 97      | 131.1 | 38.7  | 58.1#  |
| 132     | 0.0   | 20.2  | 30.2#  |



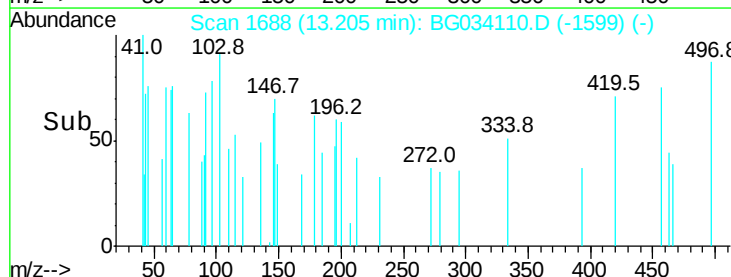
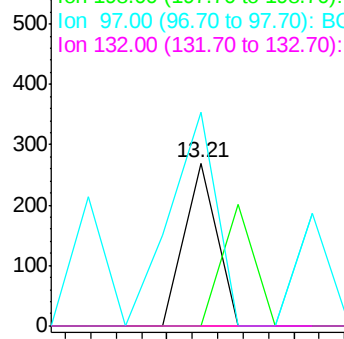
Abundance

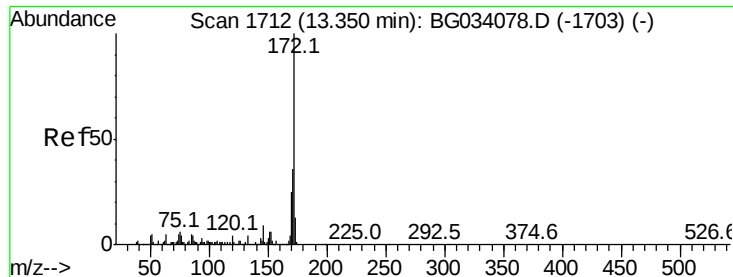
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

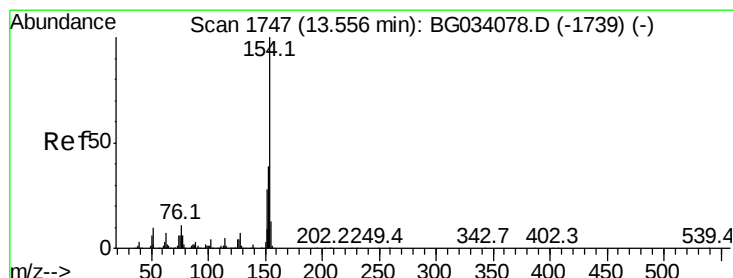
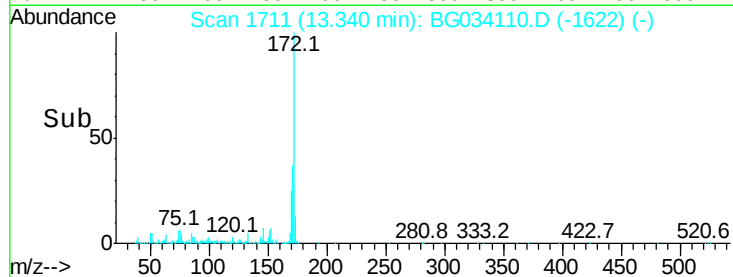
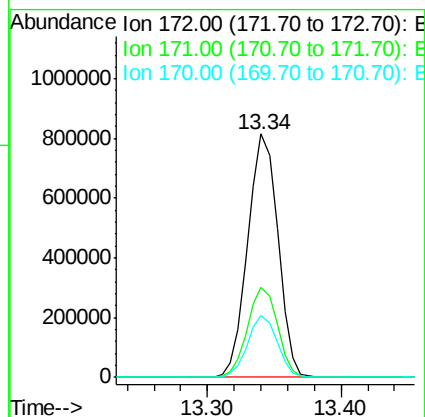
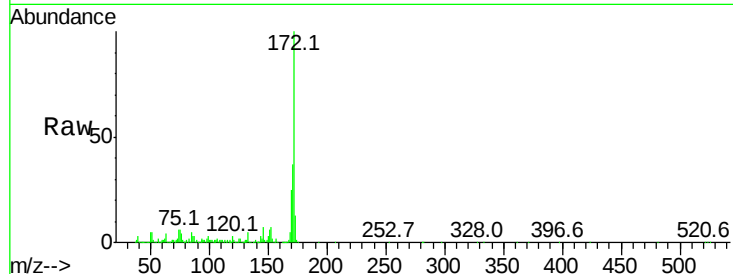




#44  
2-Fluorobiphenyl  
Concen: 95.047 ng  
RT: 13.34 min Scan# 1711  
Delta R.T. -0.01 min  
Lab File: BG034110.D  
Acq: 2 May 2018 11:11

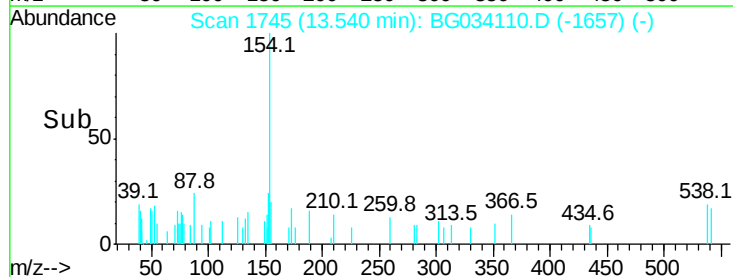
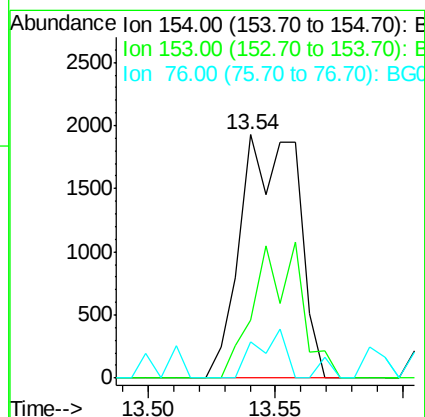
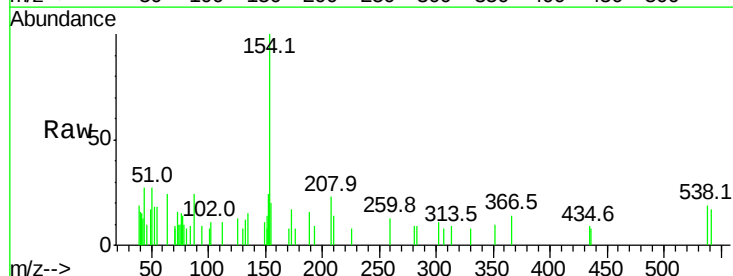
Instrument :  
BNA\_G  
ClientSampleId :  
TR-05-042718

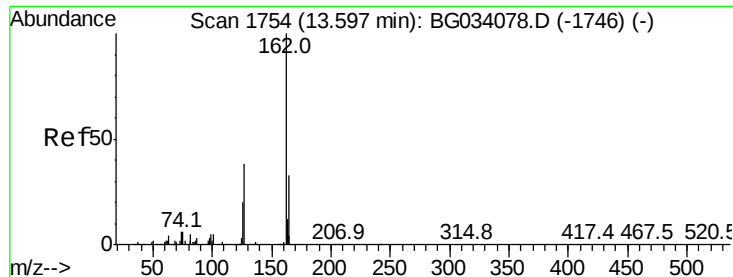
Tot Ion:172 Resp: 1269915  
Ion Ratio Lower Upper  
172 100  
171 37.0 30.0 45.0  
170 25.2 19.5 29.3



#45  
1,1'-Biphenyl  
Concen: 0.201 ng  
RT: 13.54 min Scan# 1745  
Delta R.T. -0.02 min  
Lab File: BG034110.D  
Acq: 2 May 2018 11:11

Tgt Ion:154 Resp: 3057  
Ion Ratio Lower Upper  
154 100  
153 23.6 19.8 59.8  
76 15.1 0.0 31.9

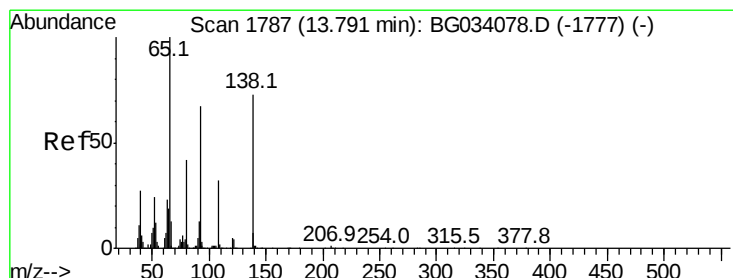
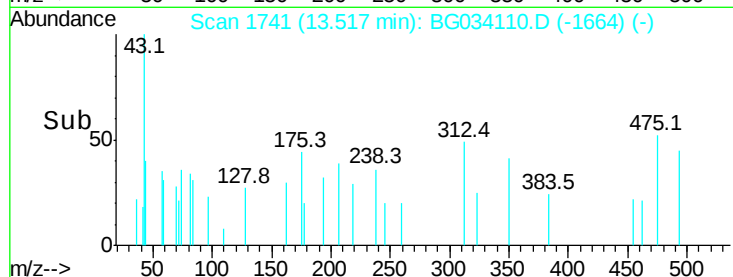
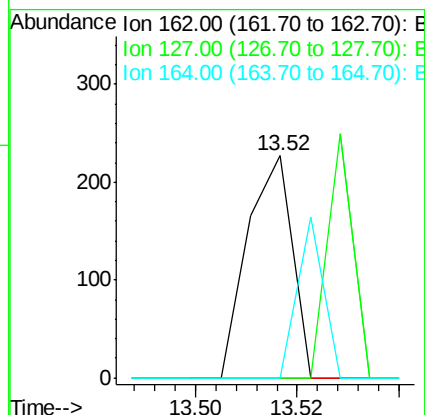
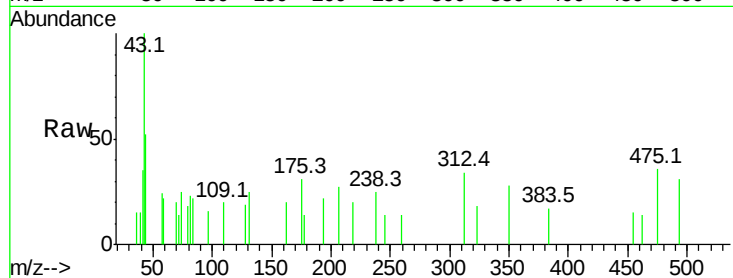




#46  
 2-Chloronaphthalene  
 Concen: 0.012 ng  
 RT: 13.52 min Scan# 1741  
 Delta R.T. -0.08 min  
 Lab File: BG034110.D  
 Acq: 2 May 2018 11:11

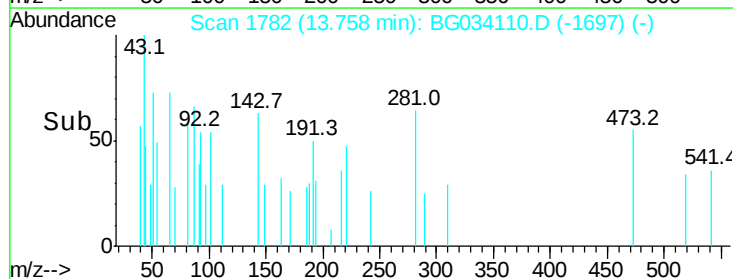
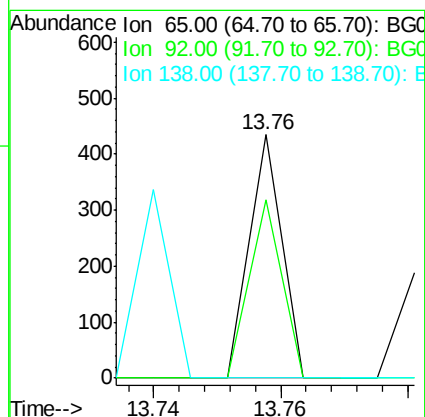
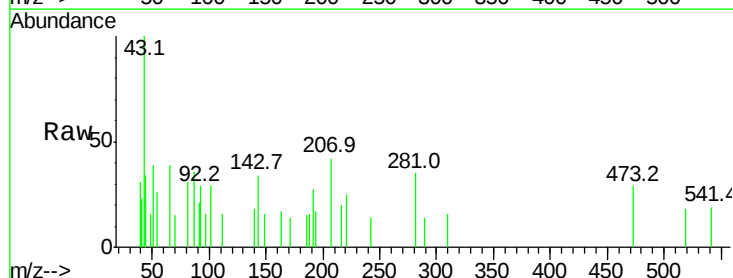
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-05-042718

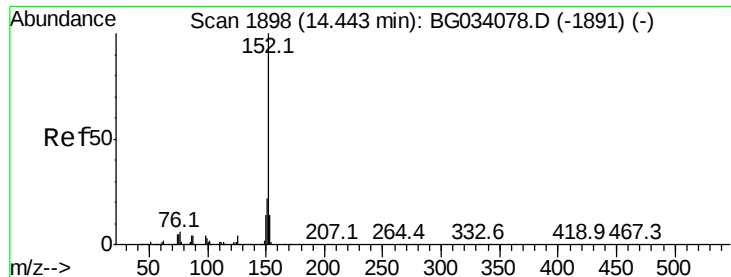
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 0.0   | 30.7  | 46.1# |
| 164     | 0.0   | 26.0  | 39.0# |



#47  
 2-Nitroaniline  
 Concen: 0.033 ng  
 RT: 13.76 min Scan# 1782  
 Delta R.T. -0.03 min  
 Lab File: BG034110.D  
 Acq: 2 May 2018 11:11

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 65      | 100   |       |        |
| 92      | 73.1  | 54.6  | 82.0   |
| 138     | 0.0   | 72.9  | 109.3# |





#48

Acenaphthylene

Concen: 0.007 ng

RT: 14.43 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

Instrument :

BNA\_G

ClientSampleId :

TR-05-042718

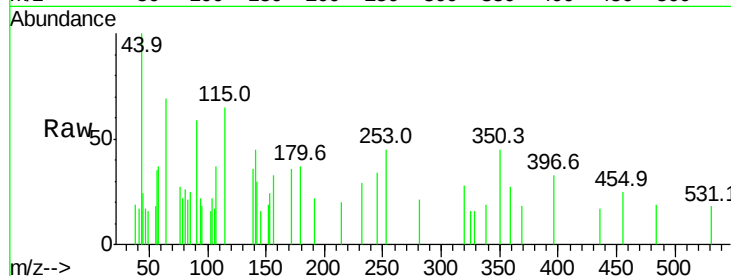
Tot Ion:152 Resp: 127

Ion Ratio Lower Upper

152 100

151 0.0 17.2 25.8#

153 128.2 10.2 15.4#

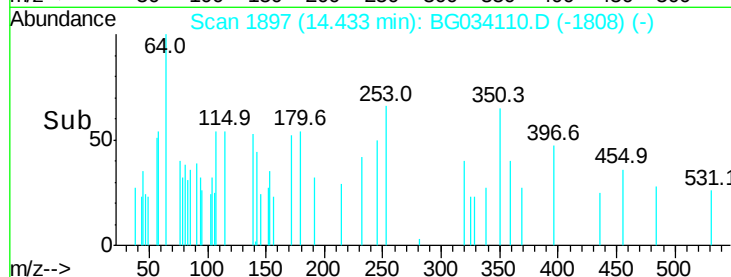


Abundance Ion 152.00 (151.70 to 152.70): E

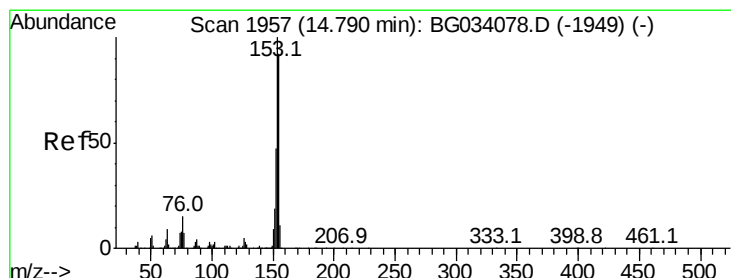
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.43



Time-->



#51

Acenaphthene

Concen: 0.087 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

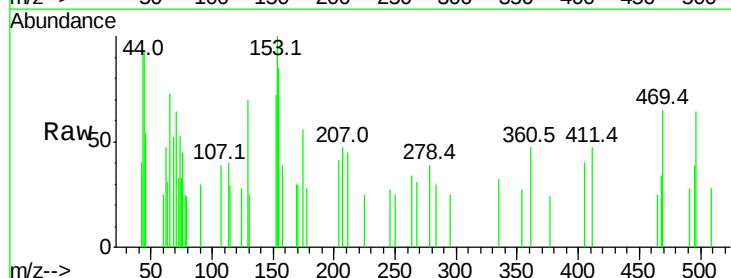
Tgt Ion:154 Resp: 1083

Ion Ratio Lower Upper

154 100

153 117.6 90.4 135.6

152 85.0 41.6 62.4#

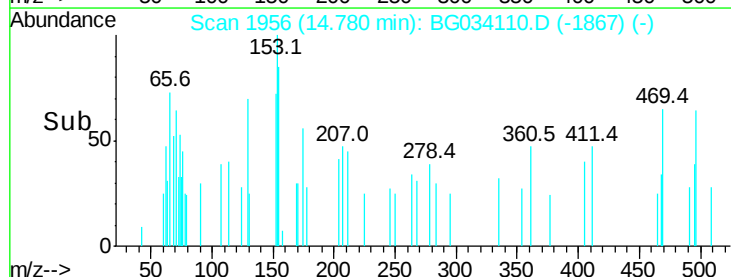


Abundance Ion 154.00 (153.70 to 154.70): E

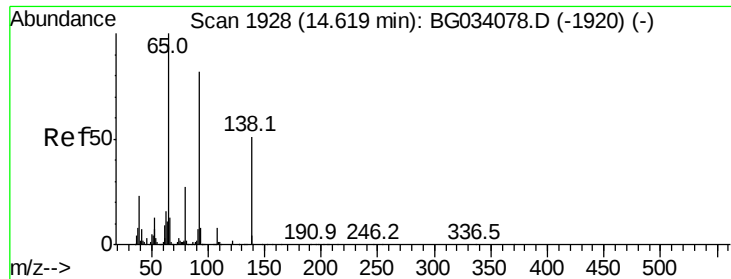
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.78



Time-->



#52

3-Nitroaniline

Concen: 0.024 ng

RT: 14.65 min Scan# 1934

Delta R.T. 0.03 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

Instrument :

BNA\_G

ClientSampleId :

TR-05-042718

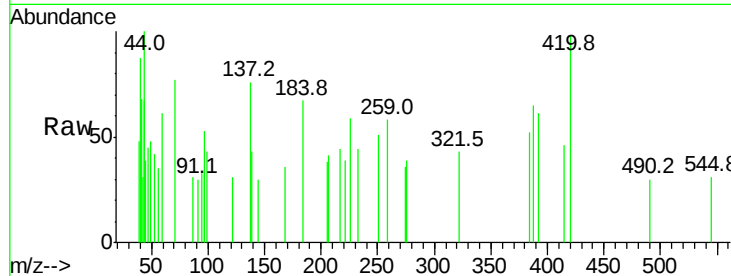
Tot Ion:138 Resp: 78

Ion Ratio Lower Upper

138 100

108 0.0 17.5 26.3#

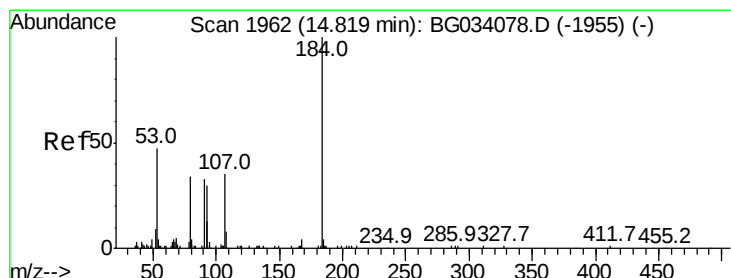
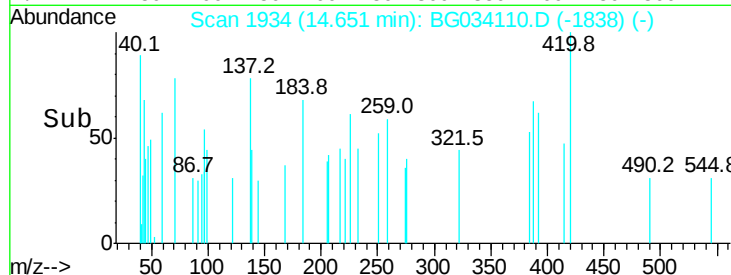
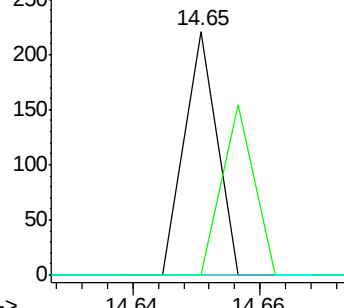
92 0.0 105.8 158.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#53

2,4-Dinitrophenol

Concen: 0.088 ng

RT: 14.84 min Scan# 1966

Delta R.T. 0.02 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

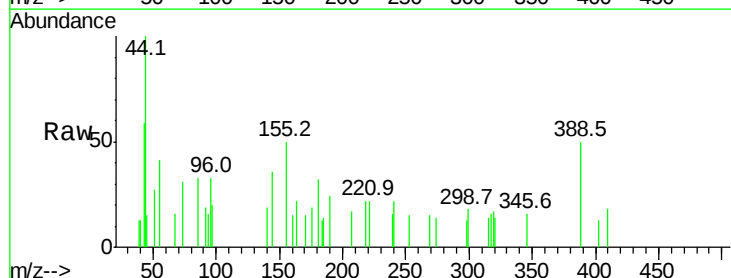
Tgt Ion:184 Resp: 111

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

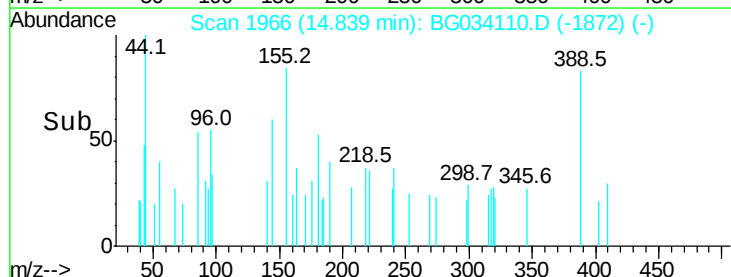
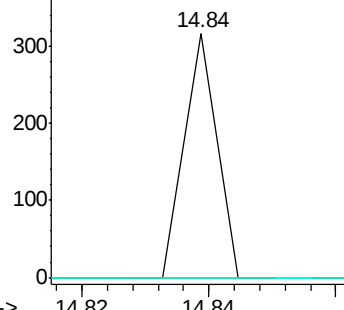
154 0.0 101.8 152.8#

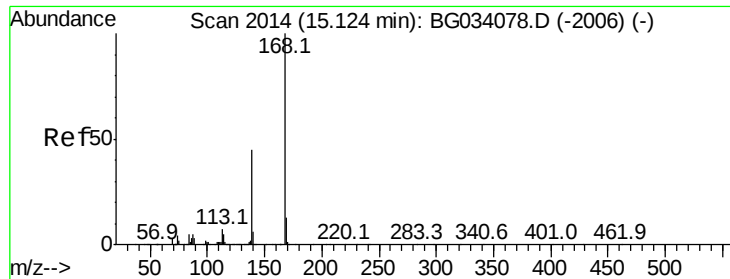


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 0.008 ng

RT: 15.10 min Scan# 2011

Delta R.T. -0.02 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

Instrument :

BNA\_G

ClientSampleId :

TR-05-042718

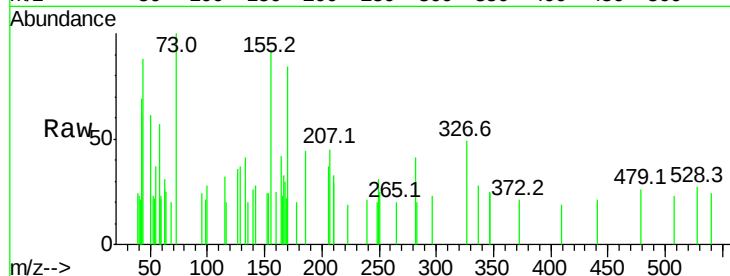
Tot Ion:168 Resp: 140

Ion Ratio Lower Upper

168 100

139 86.4 28.6 43.0#

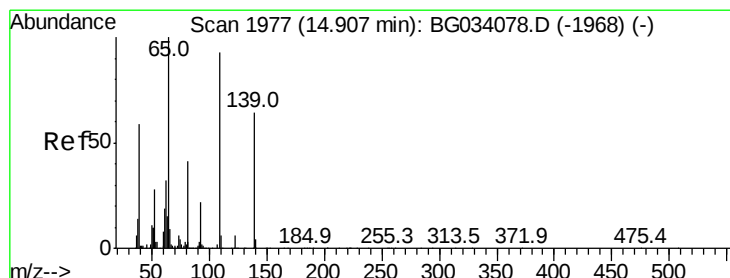
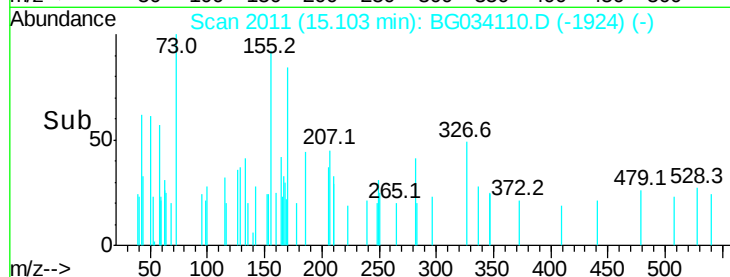
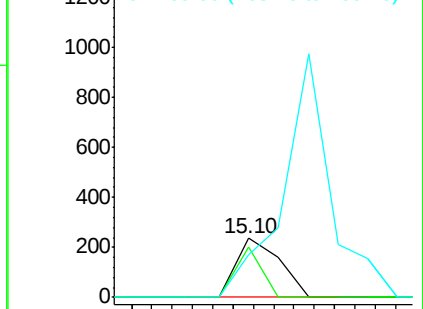
169 71.6 11.2 16.8#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 0.173 ng

RT: 14.91 min Scan# 1978

Delta R.T. 0.00 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

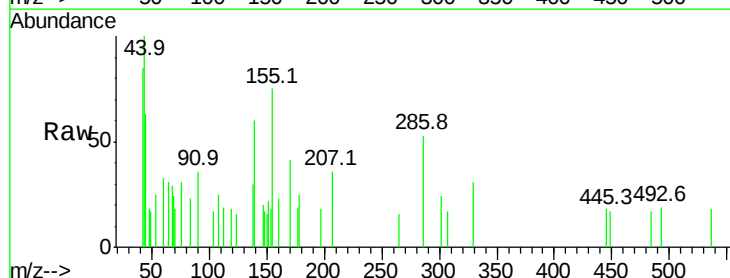
Tgt Ion:139 Resp: 431

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

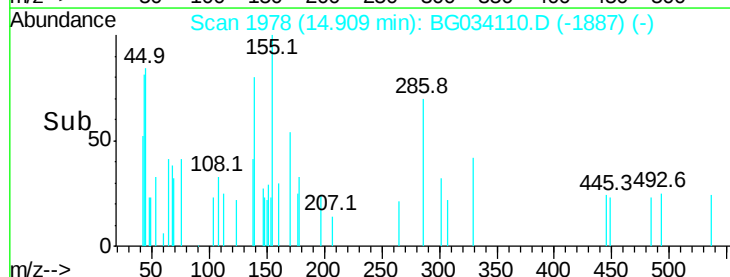
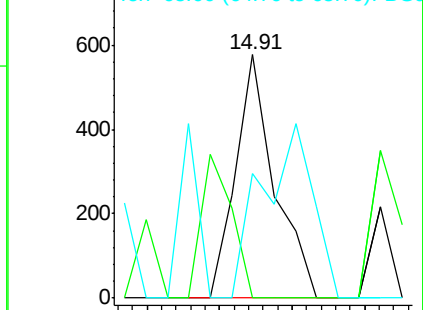
65 51.0 97.2 137.2#

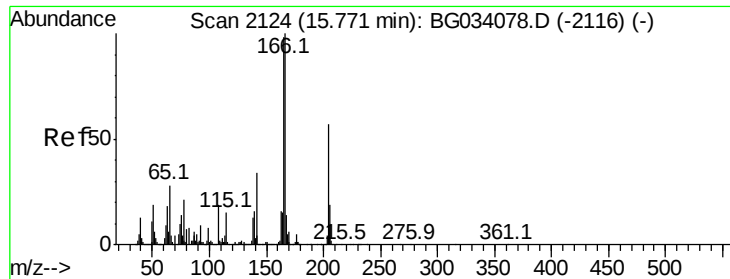


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

Fluorene

Concen: 0.074 ng

RT: 15.77 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

Instrument :

BNA\_G

ClientSampleId :

TR-05-042718

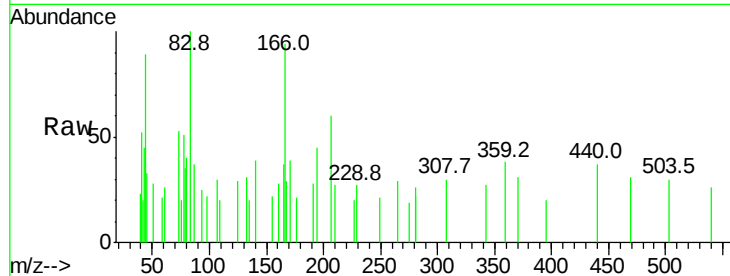
Tot Ion:166 Resp: 1163

Ion Ratio Lower Upper

166 100

165 39.0 80.6 121.0#

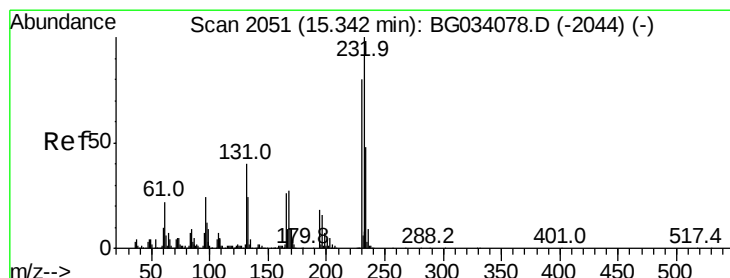
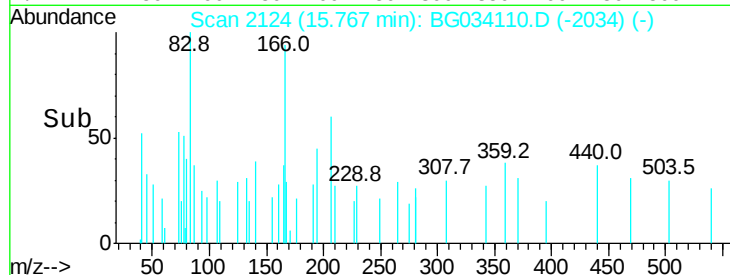
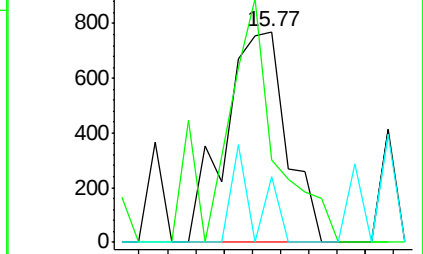
167 30.9 10.4 15.6#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 0.014 ng

RT: 15.33 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

Tgt Ion:232 Resp: 71

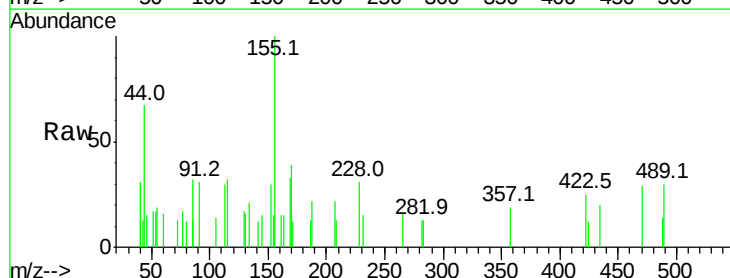
Ion Ratio Lower Upper

232 100

131 111.3 33.5 50.3#

130 0.0 2.2 3.2#

166 91.5 24.8 37.2#

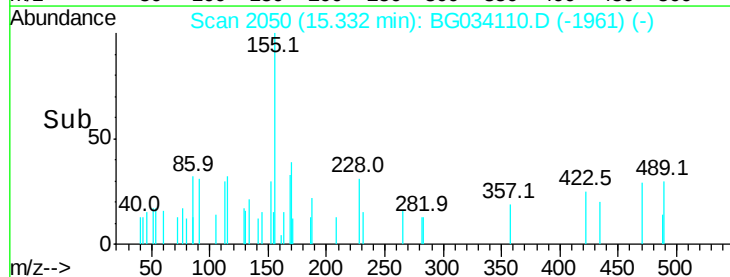
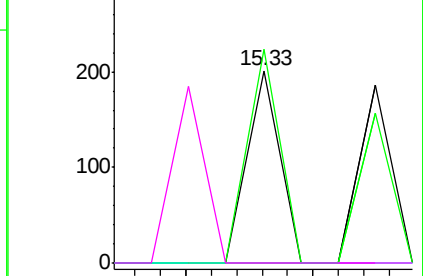


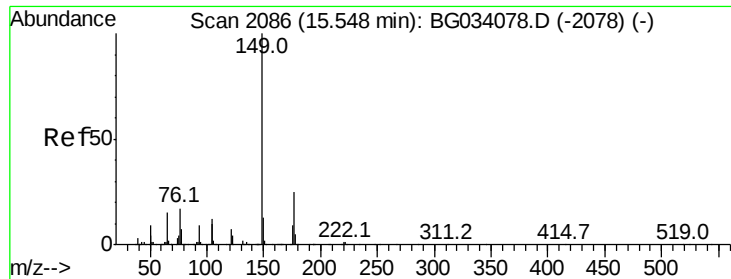
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 0.023 ng

RT: 15.53 min Scan# 2084

Delta R.T. -0.02 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

Instrument :

BNA\_G

ClientSampleId :

TR-05-042718

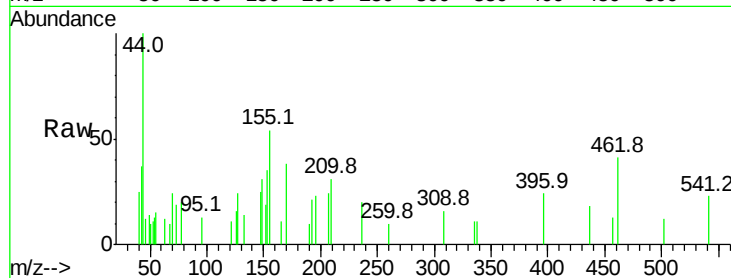
Tot Ion:149 Resp: 410

Ion Ratio Lower Upper

149 100

177 0.0 18.5 27.7#

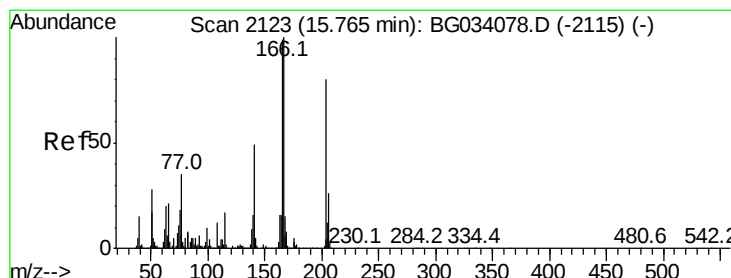
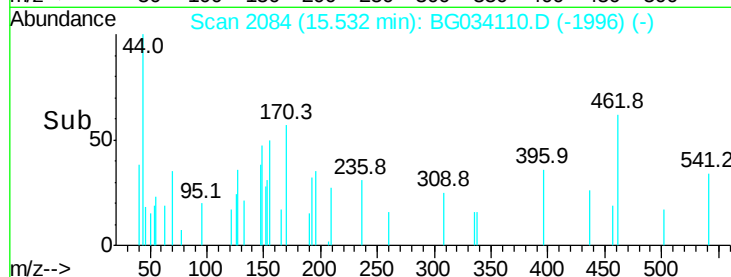
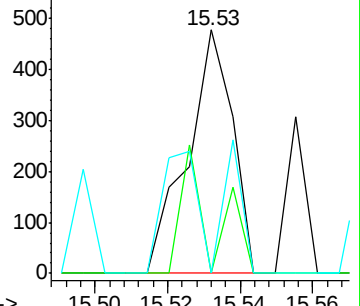
150 0.0 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 0.008 ng

RT: 15.77 min Scan# 2125

Delta R.T. 0.01 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

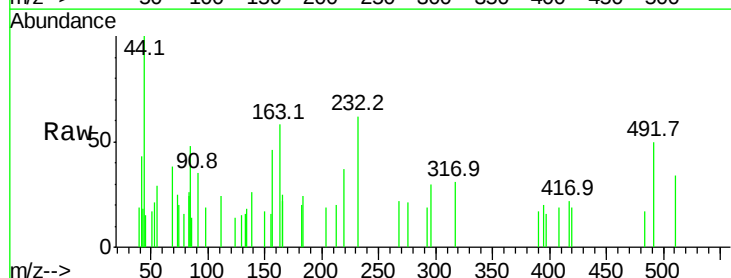
Tgt Ion:204 Resp: 73

Ion Ratio Lower Upper

204 100

206 0.0 26.2 39.2#

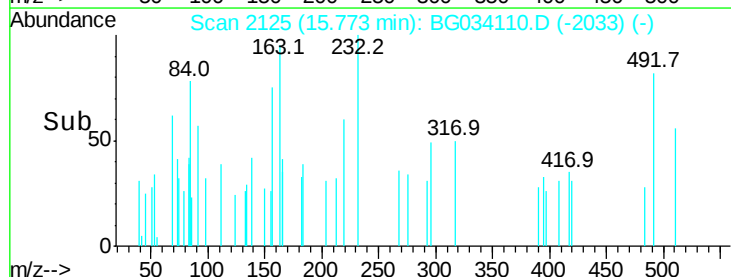
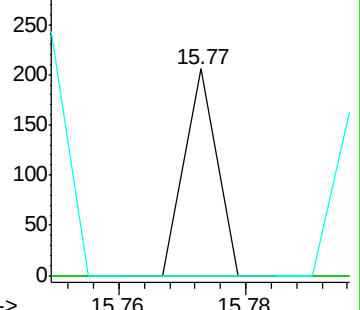
141 0.0 45.8 68.6#

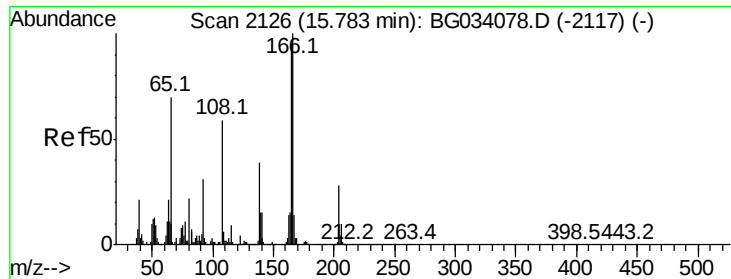


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

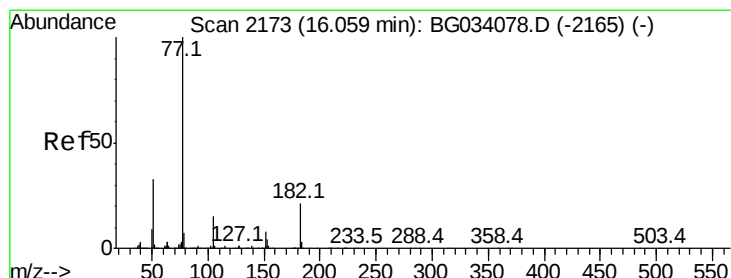
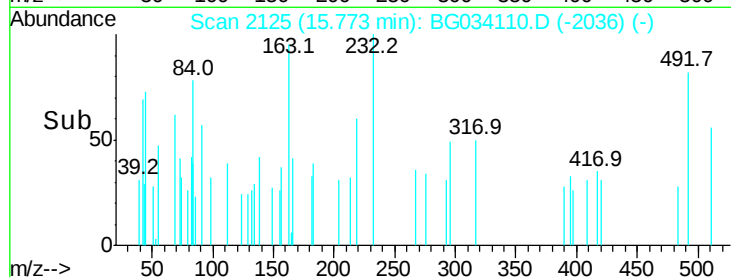
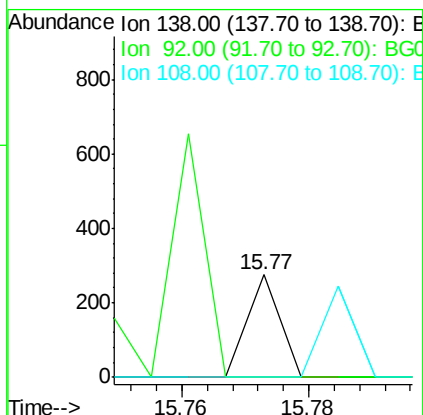
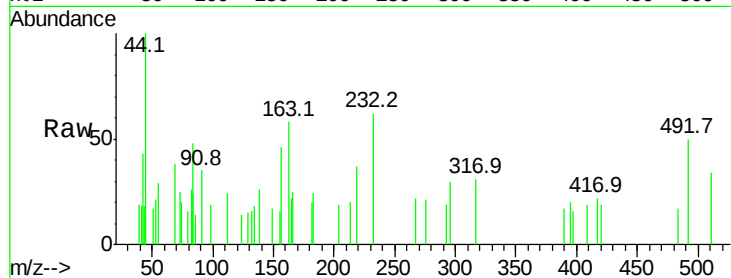




#61  
4-Nitroaniline  
Concen: 0.028 ng  
RT: 15.77 min Scan# 2125  
Delta R.T. -0.01 min  
Lab File: BG034110.D  
Acq: 2 May 2018 11:11

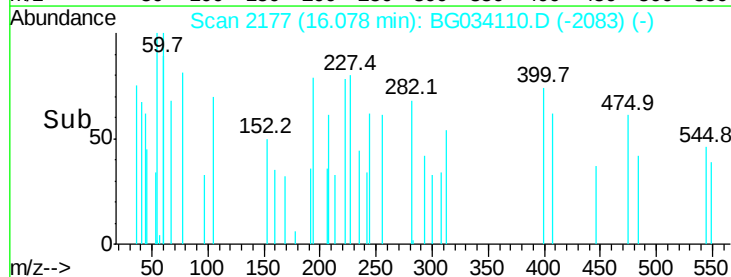
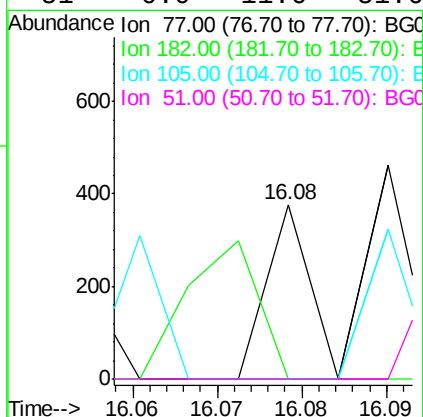
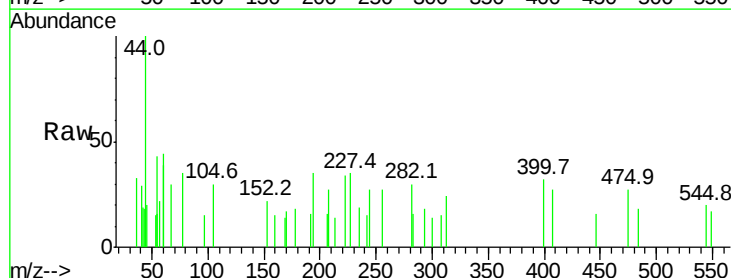
Instrument :  
BNA\_G  
ClientSampleId :  
TR-05-042718

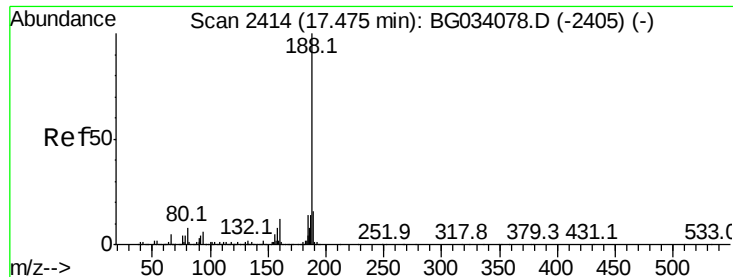
Tot Ion:138 Resp: 97  
Ion Ratio Lower Upper  
138 100  
92 0.0 40.1 80.1#  
108 0.0 65.4 105.4#



#62  
Azobenzene  
Concen: 0.007 ng  
RT: 16.08 min Scan# 2177  
Delta R.T. 0.02 min  
Lab File: BG034110.D  
Acq: 2 May 2018 11:11

Tgt Ion: 77 Resp: 133  
Ion Ratio Lower Upper  
77 100  
182 0.0 7.4 47.4#  
105 0.0 0.3 40.3#  
51 0.0 11.6 51.6#

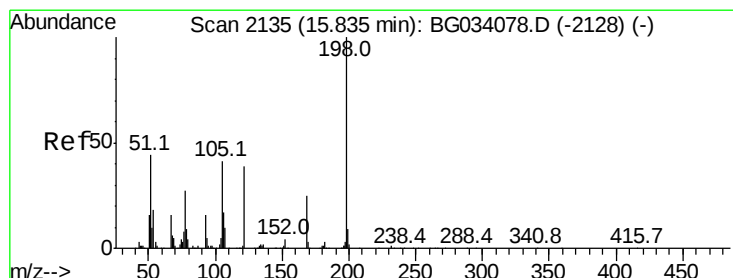
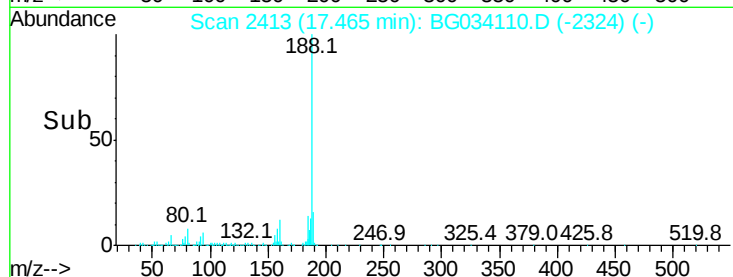
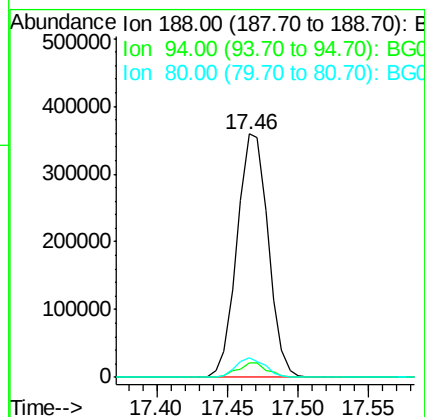
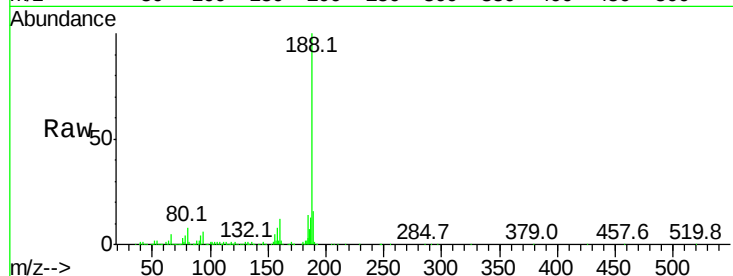




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.46 min Scan# 2413  
Delta R.T. -0.01 min  
Lab File: BG034110.D  
Acq: 2 May 2018 11:11

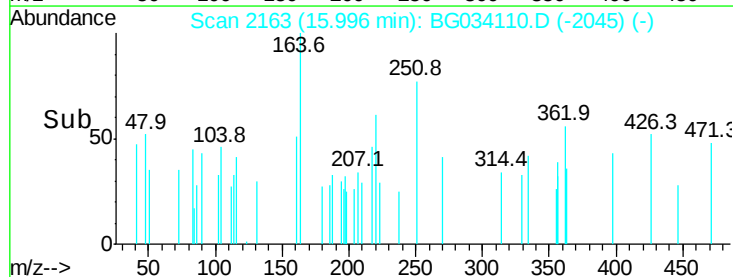
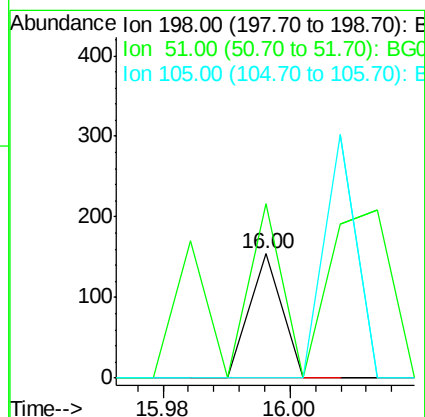
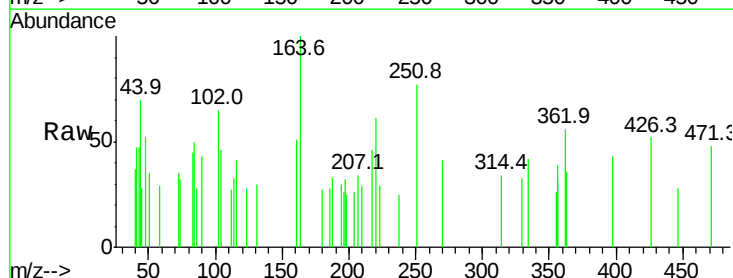
Instrument :  
BNA\_G  
ClientSampleId :  
TR-05-042718

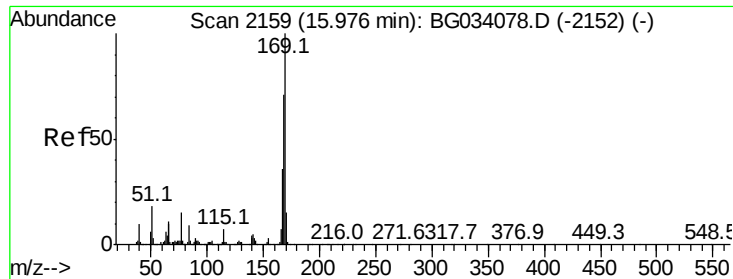
Tot Ion:188 Resp: 553711  
Ion Ratio Lower Upper  
188 100  
94 5.9 6.9 10.3#  
80 7.8 7.7 11.5



#64  
4,6-Dinitro-2-methylphenol  
Concen: 0.021 ng  
RT: 16.00 min Scan# 2163  
Delta R.T. 0.16 min  
Lab File: BG034110.D  
Acq: 2 May 2018 11:11

Tgt Ion:198 Resp: 54  
Ion Ratio Lower Upper  
198 100  
51 140.9 30.6 70.6#  
105 0.0 23.8 63.8#

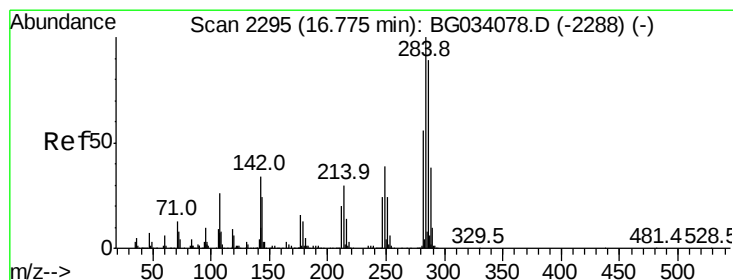
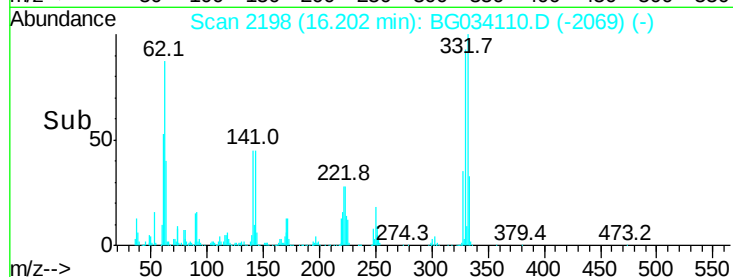
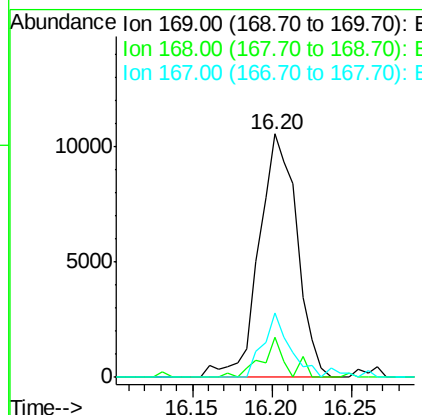
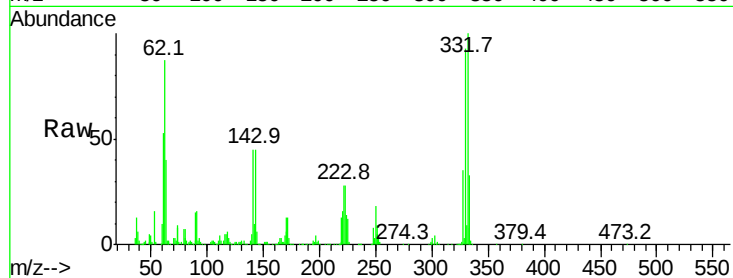




#65  
 n-Nitrosodiphenylamine  
 Concen: 1.166 ng  
 RT: 16.20 min Scan# 2198  
 Delta R.T. 0.23 min  
 Lab File: BG034110.D  
 Acq: 2 May 2018 11:11

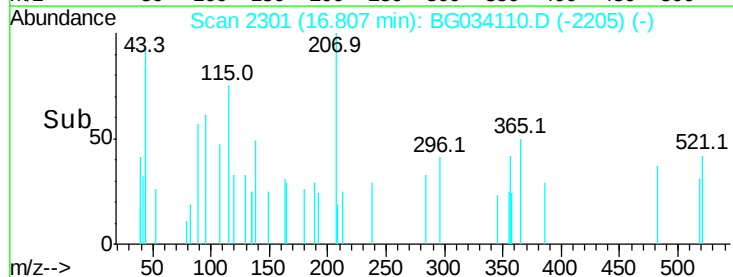
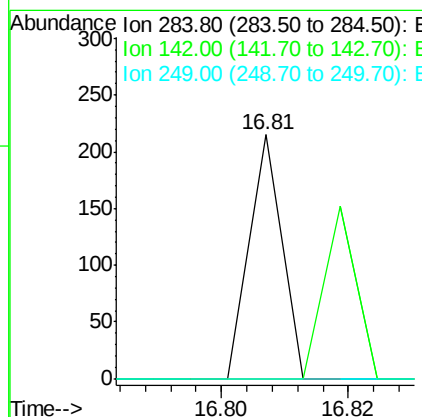
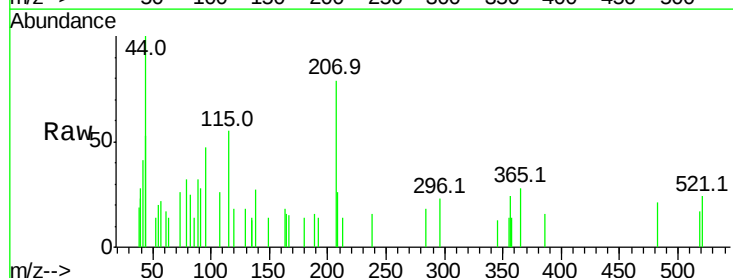
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-05-042718

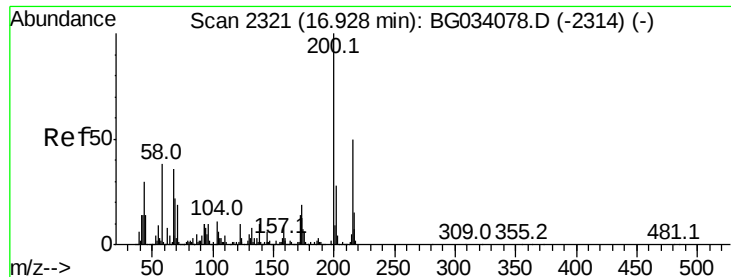
Tot Ion:169 Resp: 17608  
 Ion Ratio Lower Upper  
 169 100  
 168 16.3 55.7 83.5#  
 167 26.4 30.1 45.1#



#67  
 Hexachlorobenzene  
 Concen: 0.011 ng  
 RT: 16.81 min Scan# 2301  
 Delta R.T. 0.03 min  
 Lab File: BG034110.D  
 Acq: 2 May 2018 11:11

Tgt Ion:284 Resp: 76  
 Ion Ratio Lower Upper  
 284 100  
 142 0.0 26.8 40.2#  
 249 0.0 26.3 39.5#





#68

Atrazine

Concen: 0.925 ng

RT: 16.91 min Scan# 2319

Delta R.T. -0.02 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

Instrument :

BNA\_G

ClientSampleId :

TR-05-042718

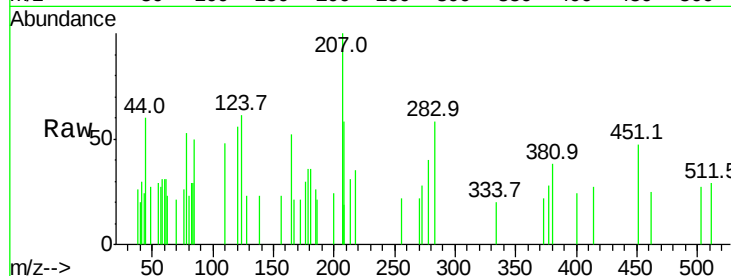
Tot Ion:200 Resp: 67

Ion Ratio Lower Upper

200 100

173 0.0 5.2 45.2#

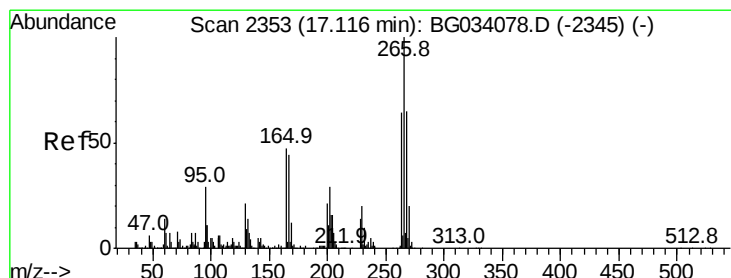
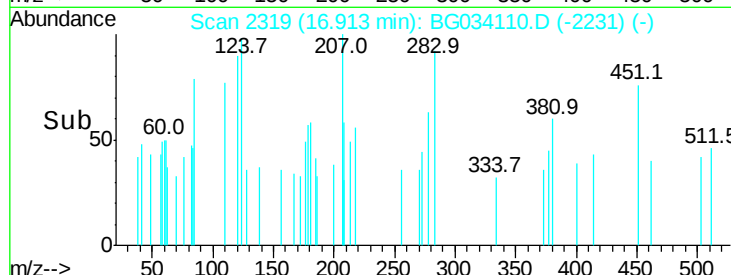
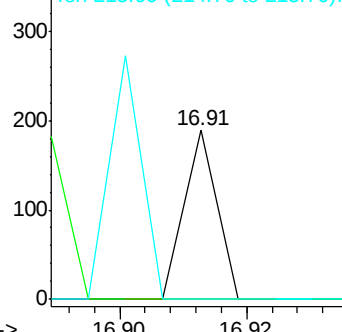
215 0.0 30.4 70.4#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 0.011 ng

RT: 17.18 min Scan# 2365

Delta R.T. 0.07 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

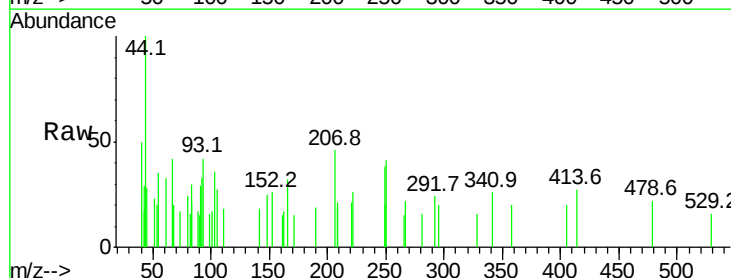
Tgt Ion:266 Resp: 54

Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

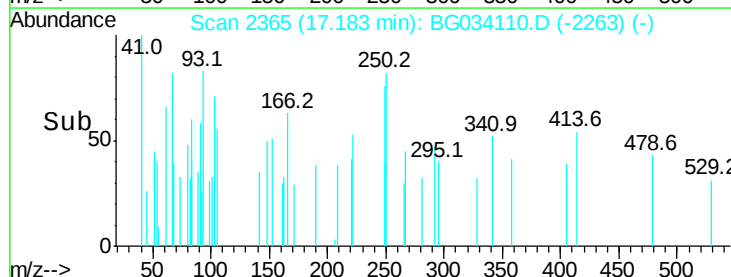
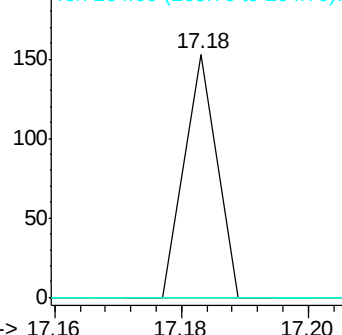
264 0.0 49.6 74.4#

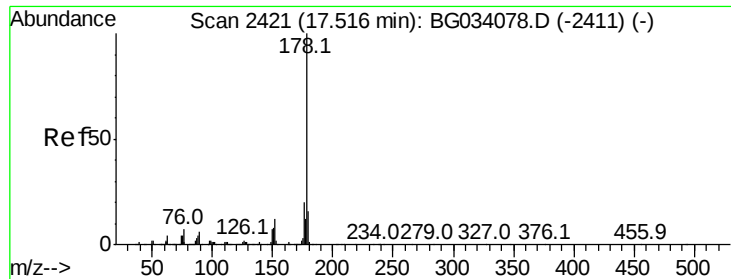


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 0.051 ng

RT: 17.51 min Scan# 2421

Delta R.T. -0.00 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

Instrument :

BNA\_G

ClientSampleId :

TR-05-042718

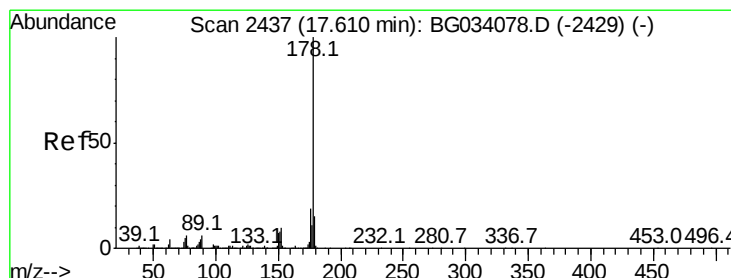
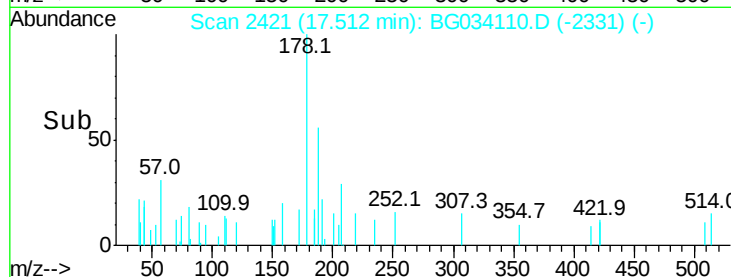
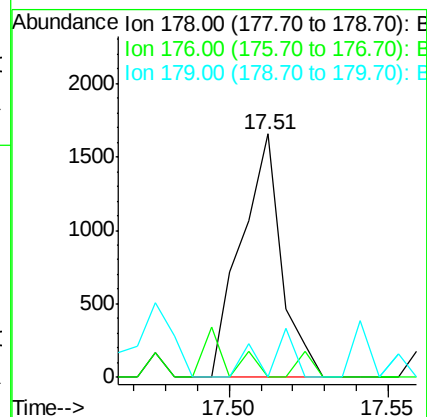
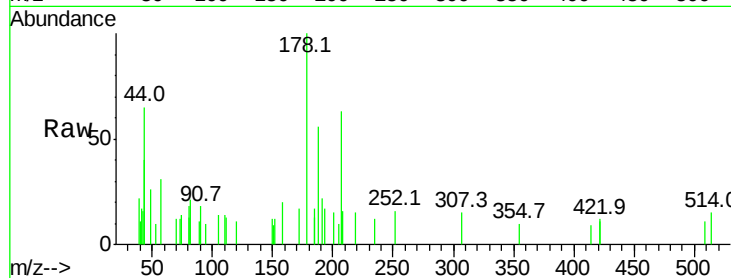
Tot Ion:178 Resp: 1454

Ion Ratio Lower Upper

178 100

176 0.0 15.7 23.5#

179 0.0 12.5 18.7#



#71

Anthracene

Concen: 0.004 ng

RT: 17.60 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

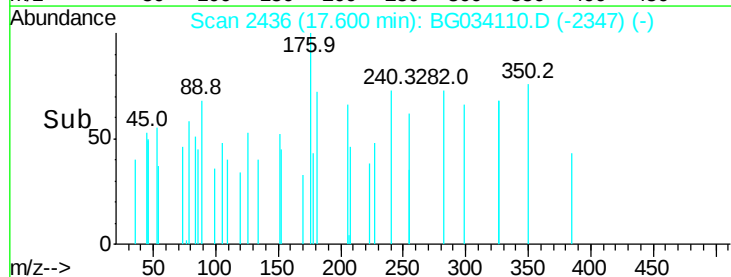
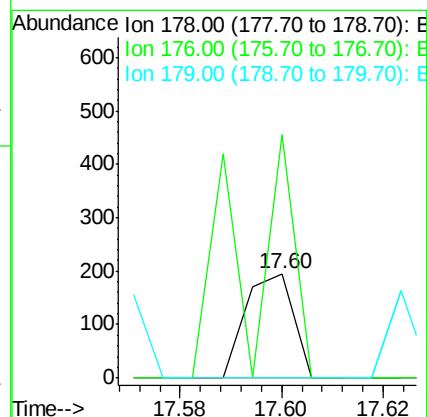
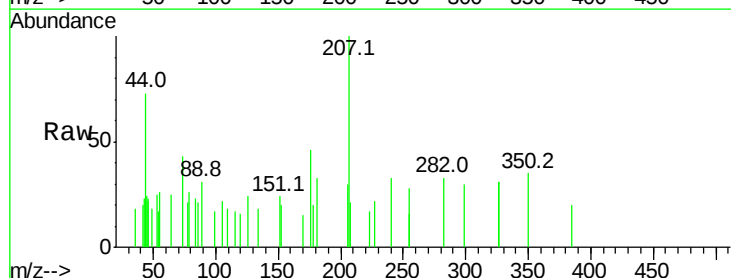
Tgt Ion:178 Resp: 129

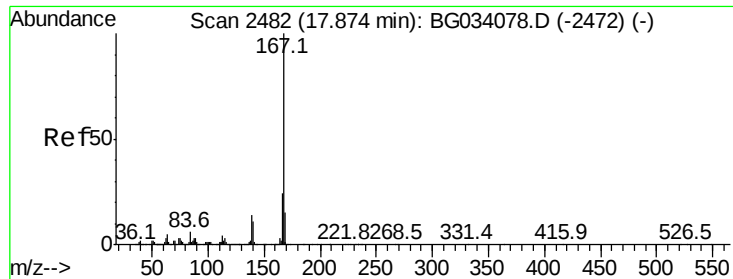
Ion Ratio Lower Upper

178 100

176 233.8 16.0 24.0#

179 0.0 12.5 18.7#





#72

Carbazole

Concen: 0.003 ng

RT: 17.86 min Scan# 2480

Delta R.T. -0.02 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

Instrument :

BNA\_G

ClientSampleId :

TR-05-042718

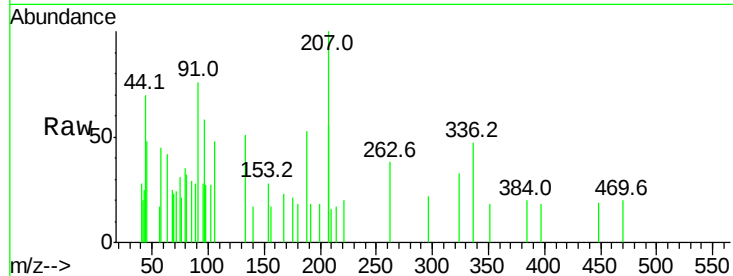
Tot Ion:167 Resp: 75

Ion Ratio Lower Upper

167 100

166 0.0 18.2 27.4#

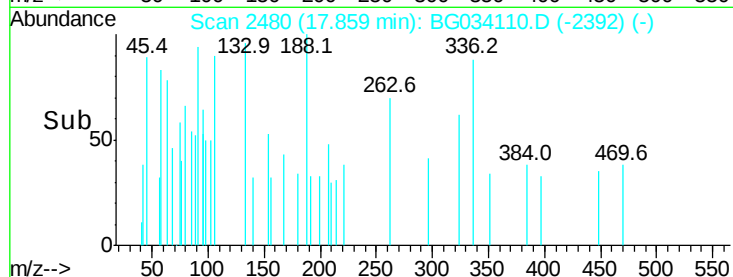
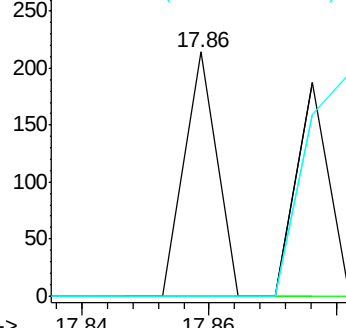
139 0.0 9.4 14.2#



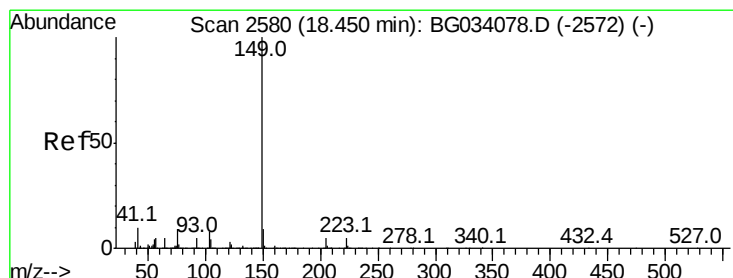
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#73

Di-n-butylphthalate

Concen: 0.020 ng

RT: 18.43 min Scan# 2577

Delta R.T. -0.02 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

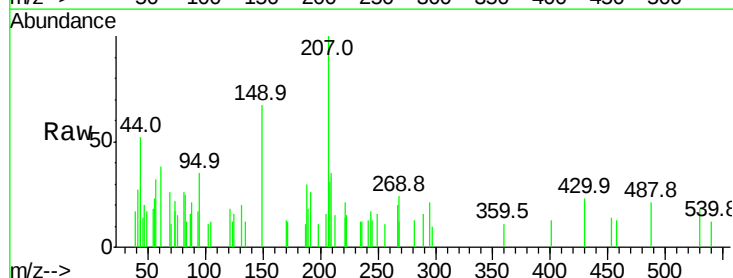
Tgt Ion:149 Resp: 631

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

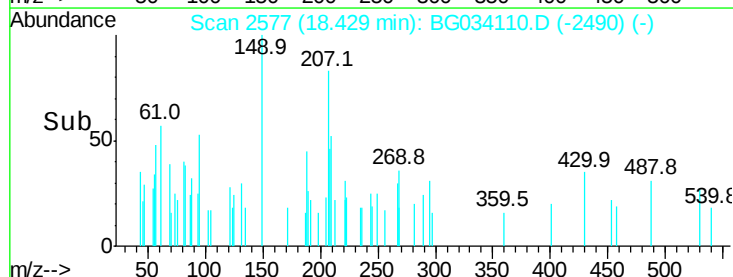
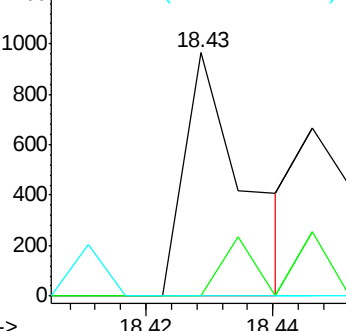
104 0.0 3.9 5.9#



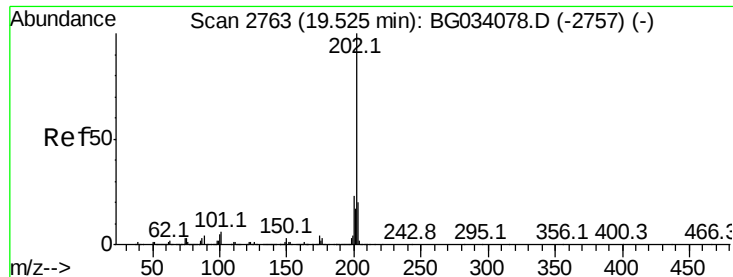
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



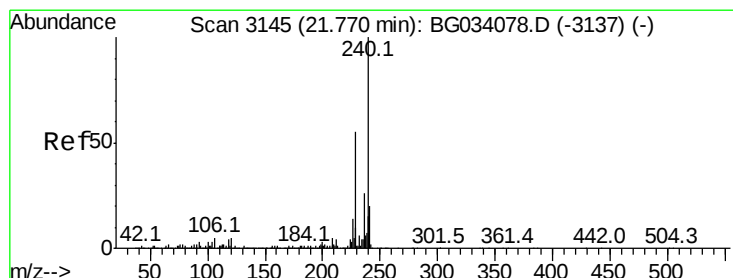
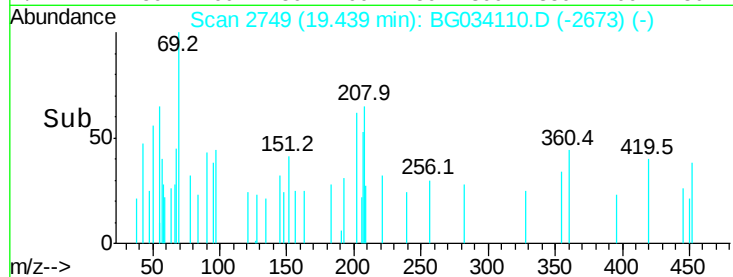
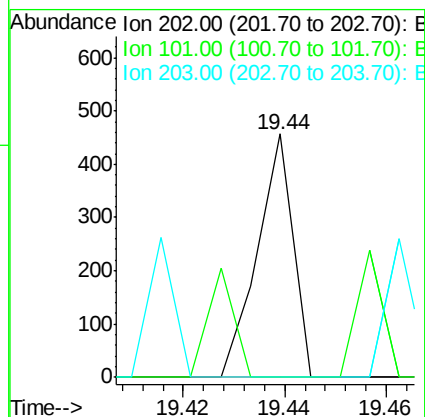
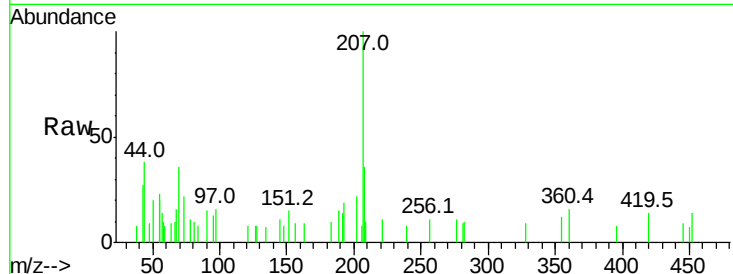
Time-->



#74  
 Fluoranthene  
 Concen: 0.006 ng  
 RT: 19.44 min Scan# 2749  
 Delta R.T. -0.09 min  
 Lab File: BG034110.D  
 Acq: 2 May 2018 11:11

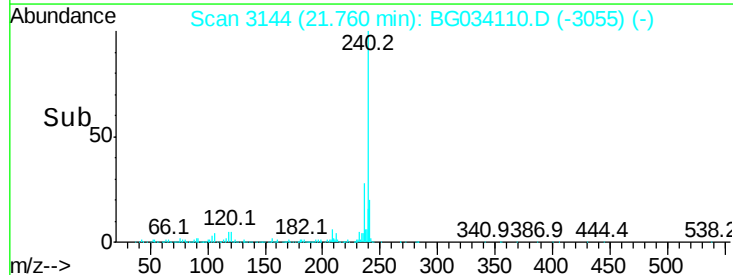
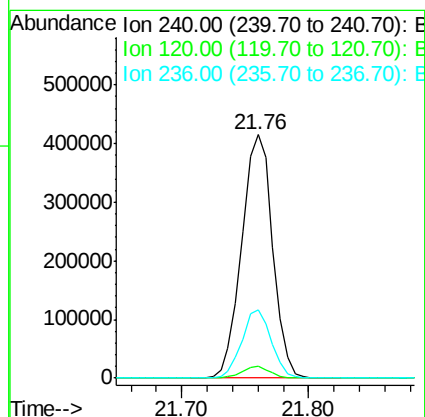
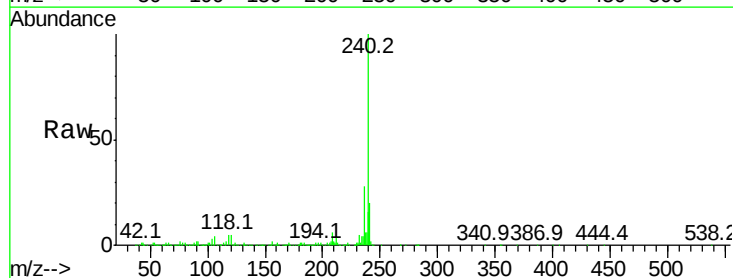
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-05-042718

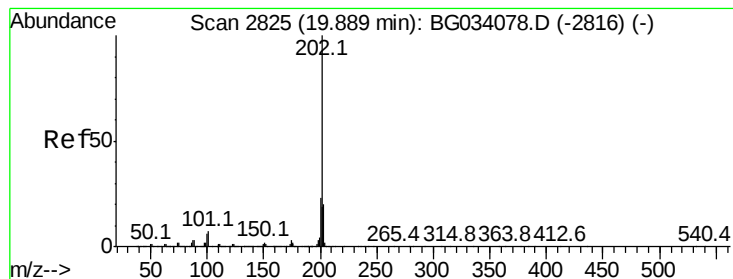
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 202   | Resp: | 222   |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 101      | 0.0   | 0.0   | 28.9  |
| 203      | 0.0   | 0.0   | 37.5  |



#75  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.76 min Scan# 3144  
 Delta R.T. -0.01 min  
 Lab File: BG034110.D  
 Acq: 2 May 2018 11:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 699819 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 4.9   | 6.8   | 10.2#  |
| 236      | 27.8  | 20.9  | 31.3   |





#77

Pvrene

Concen: 0.322 ng

RT: 20.09 min Scan# 2859

Delta R.T. 0.20 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

Instrument :

BNA\_G

ClientSampleId :

TR-05-042718

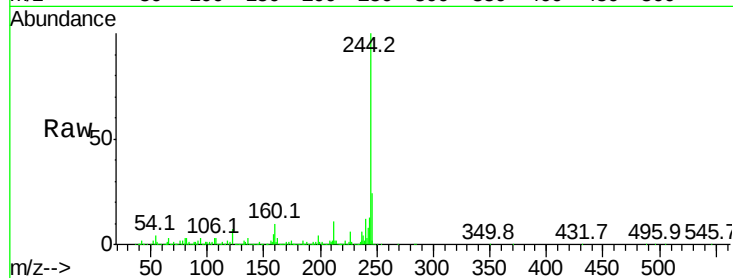
Tot Ion:202 Resp: 14140

Ion Ratio Lower Upper

202 100

200 43.8 16.9 25.3#

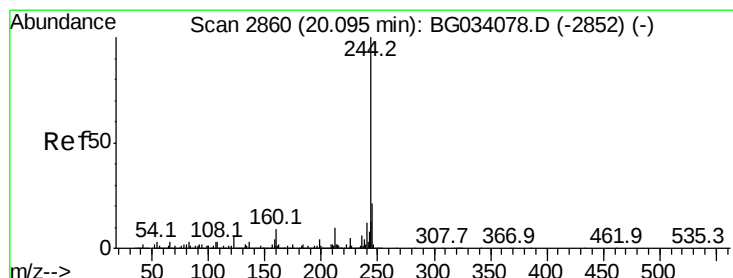
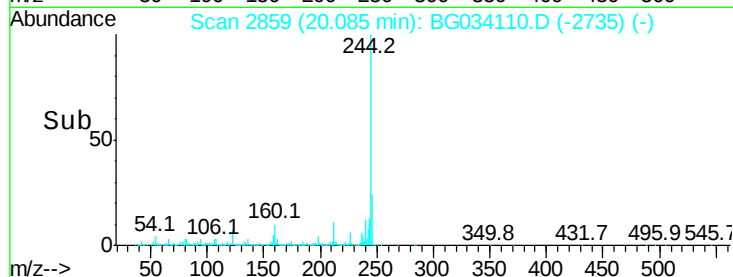
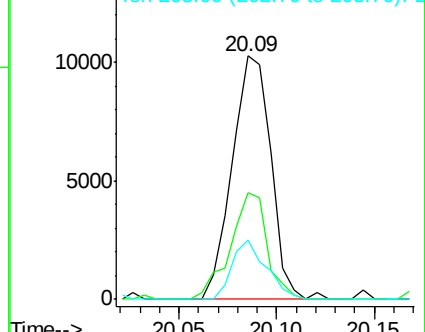
203 24.2 13.9 20.9#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 85.704 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

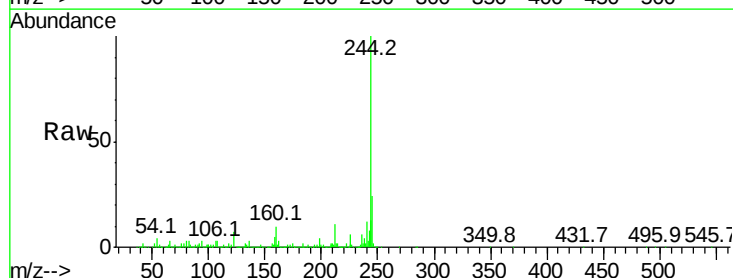
Tgt Ion:244 Resp: 2737855

Ion Ratio Lower Upper

244 100

212 11.2 5.8 8.8#

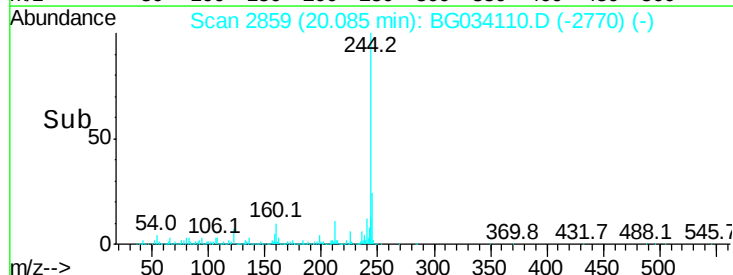
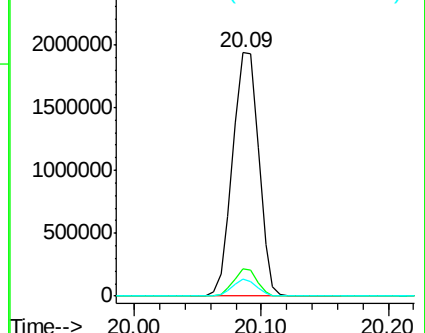
122 7.0 7.0 10.4

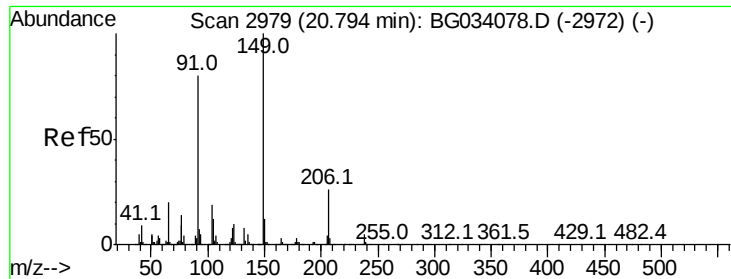


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

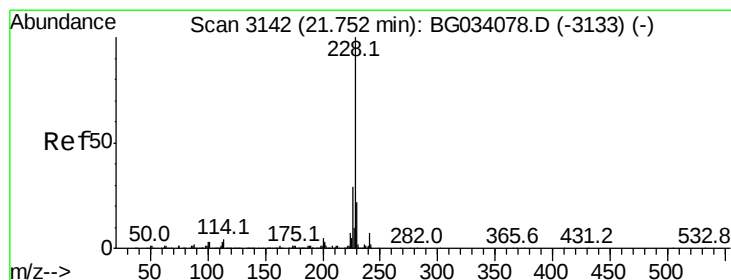
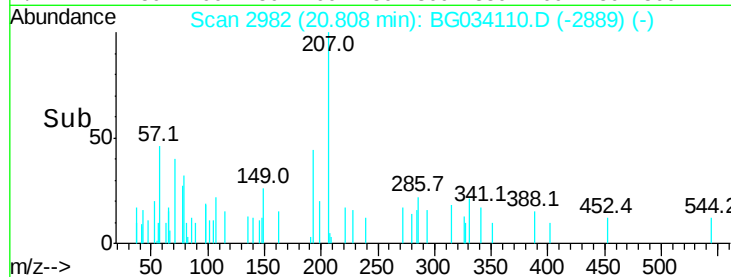
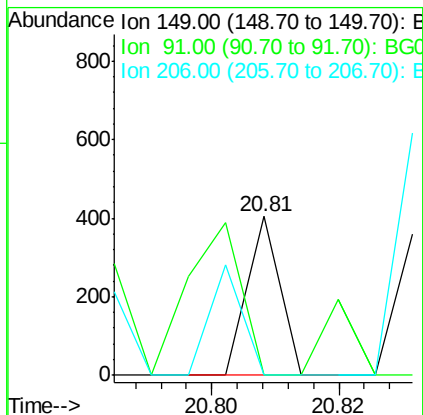
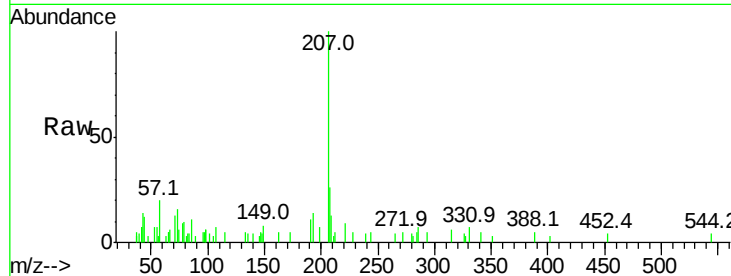




#79  
 Butylbenzylphthalate  
 Concen: 0.008 ng  
 RT: 20.81 min Scan# 2982  
 Delta R.T. 0.01 min  
 Lab File: BG034110.D  
 Acq: 2 May 2018 11:11

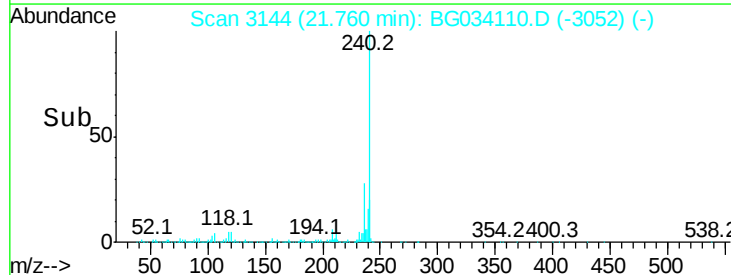
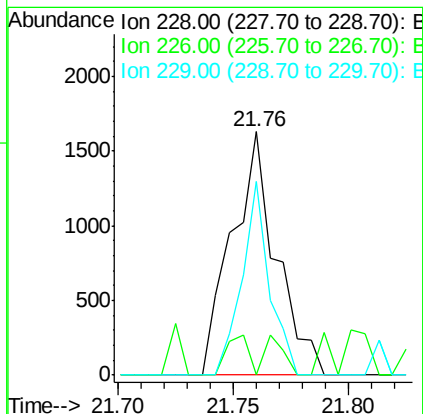
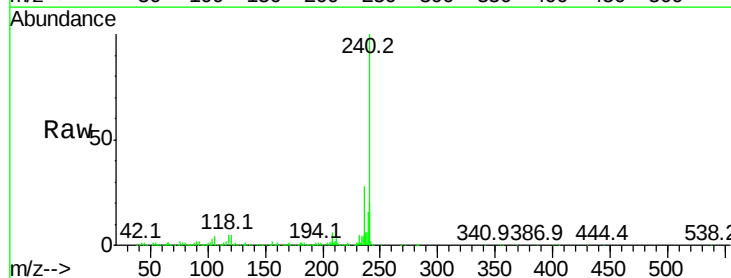
Instrument :  
 BNA\_G  
 ClientSampleID :  
 TR-05-042718

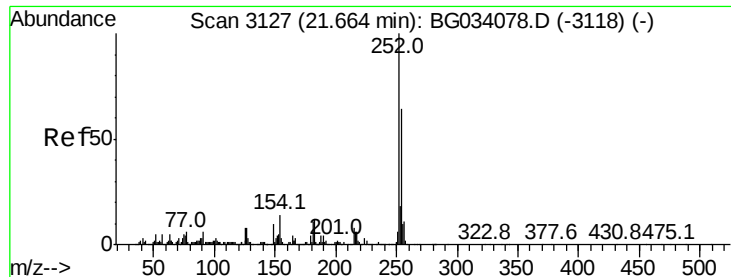
Tot Ion:149 Resp: 142  
 Ion Ratio Lower Upper  
 149 100  
 91 0.0 62.2 93.2#  
 206 0.0 18.6 27.8#



#80  
 Benzo(a)anthracene  
 Concen: 0.048 ng  
 RT: 21.76 min Scan# 3144  
 Delta R.T. 0.01 min  
 Lab File: BG034110.D  
 Acq: 2 May 2018 11:11

Tgt Ion:228 Resp: 2175  
 Ion Ratio Lower Upper  
 228 100  
 226 0.0 22.7 34.1#  
 229 79.5 16.2 24.2#





#81

3,3'-Dichlorobenzidine

Concen: 0.008 ng

RT: 21.67 min Scan# 3128

Delta R.T. 0.00 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

Instrument :

BNA\_G

ClientSampleId :

TR-05-042718

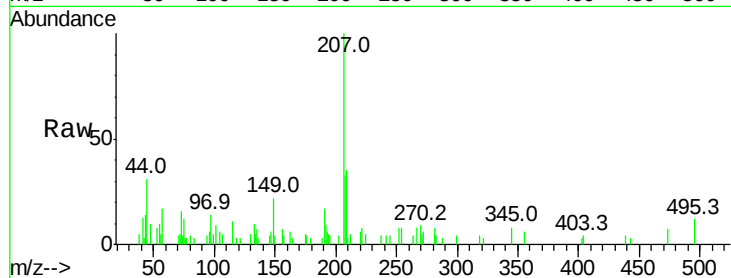
Tot Ion:252 Resp: 136

Ion Ratio Lower Upper

252 100

254 105.7 50.8 76.2#

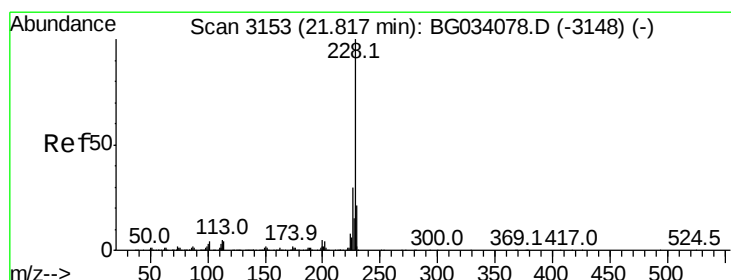
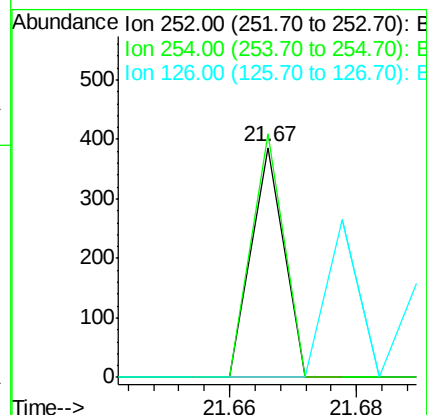
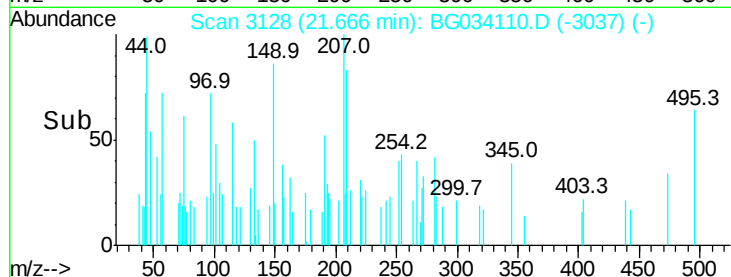
126 0.0 7.4 11.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 0.051 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.06 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

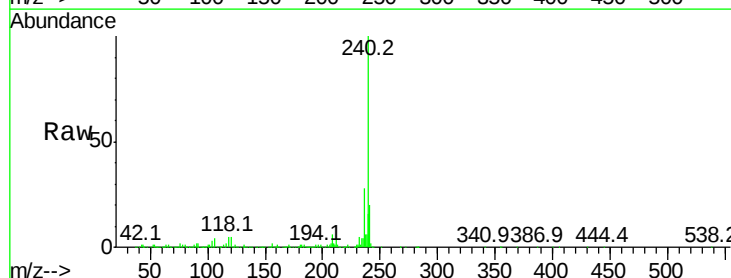
Tgt Ion:228 Resp: 2175

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

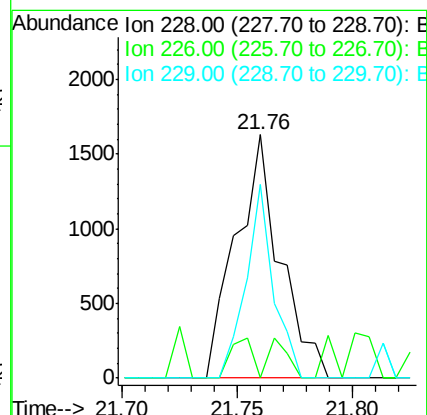
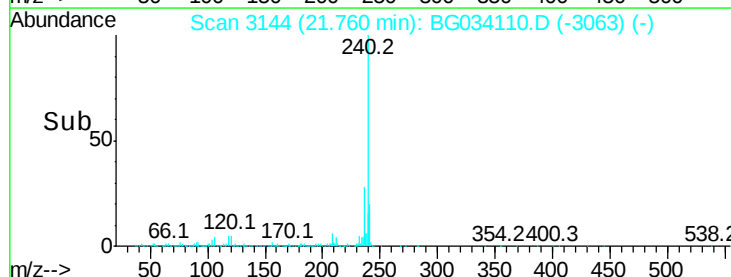
229 79.5 15.0 22.4#

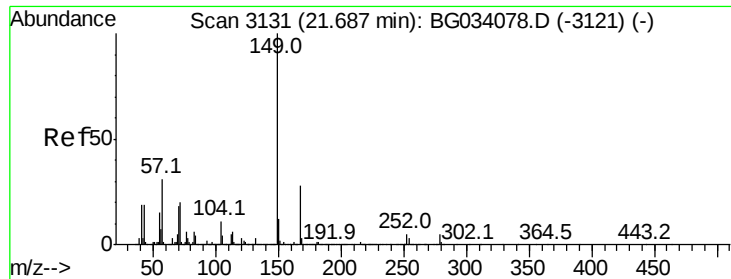


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.048 ng

RT: 21.67 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

Instrument :

BNA\_G

ClientSampleId :

TR-05-042718

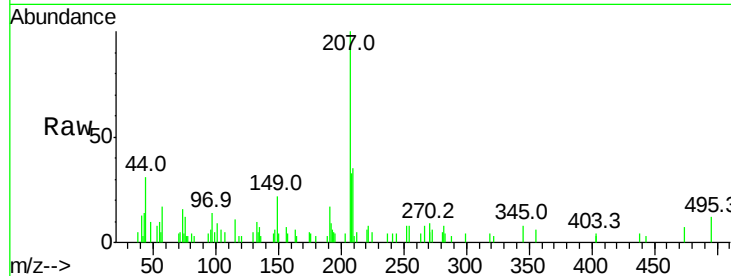
Tot Ion:149 Resp: 1126

Ion Ratio Lower Upper

149 100

167 0.0 24.3 36.5#

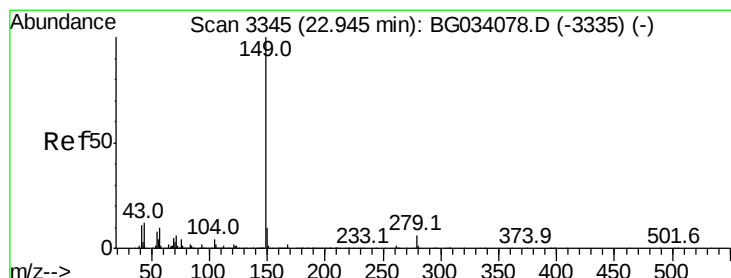
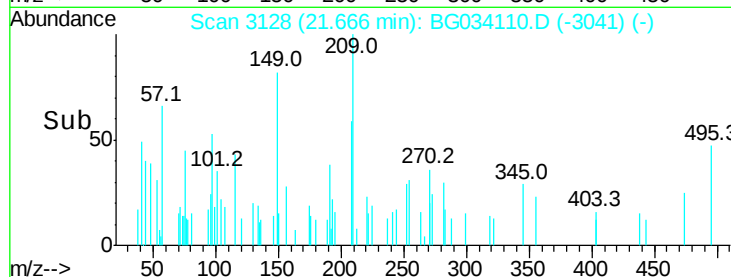
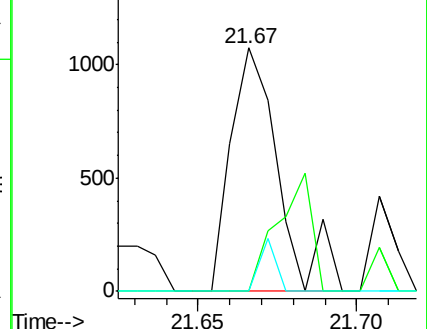
279 0.0 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 0.005 ng

RT: 22.94 min Scan# 3345

Delta R.T. -0.00 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

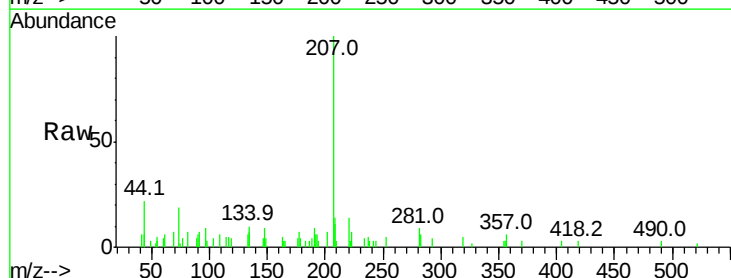
Tgt Ion:149 Resp: 174

Ion Ratio Lower Upper

149 100

167 42.5 1.4 2.0#

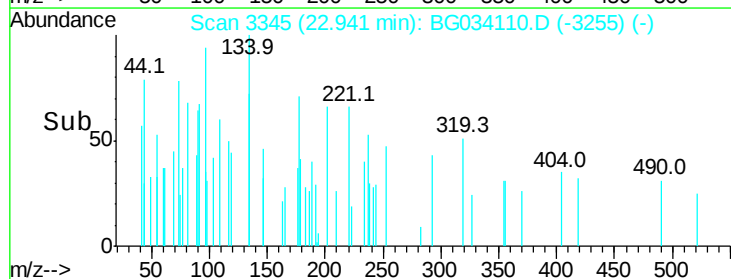
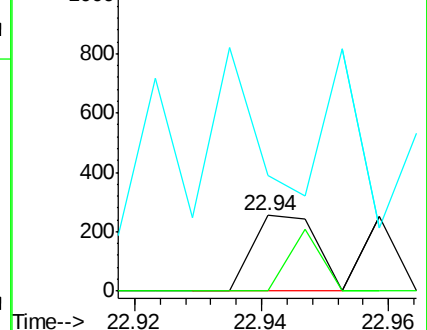
43 316.7 8.9 13.3#

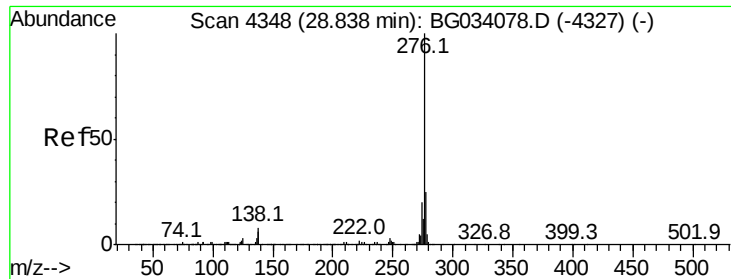


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO





#85

Indeno(1,2,3-cd)pyrene

Concen: 0.001 ng

RT: 28.85 min Scan# 4351

Delta R.T. 0.01 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

Instrument :

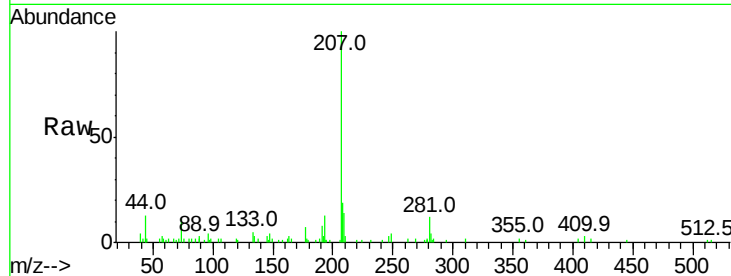
BNA\_G

ClientSampleId :

TR-05-042718

Tot Ion:276 Resp: 56

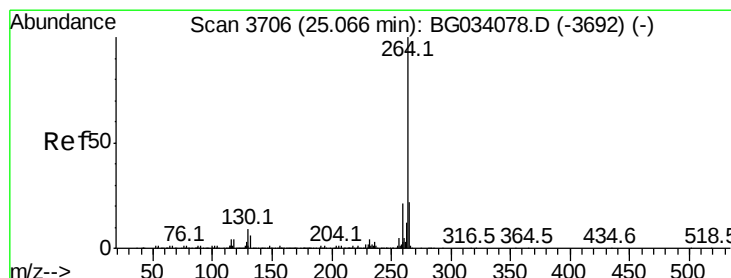
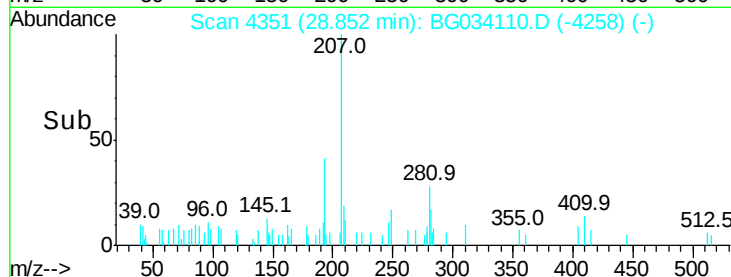
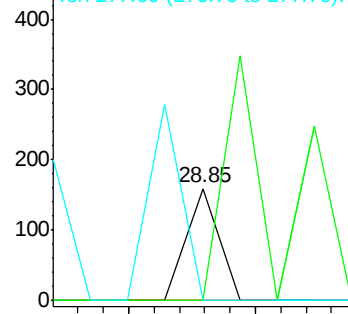
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 503.6 | 16.0  | 24.0# |
| 277 | 175.0 | 20.0  | 30.0# |



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.05 min Scan# 3704

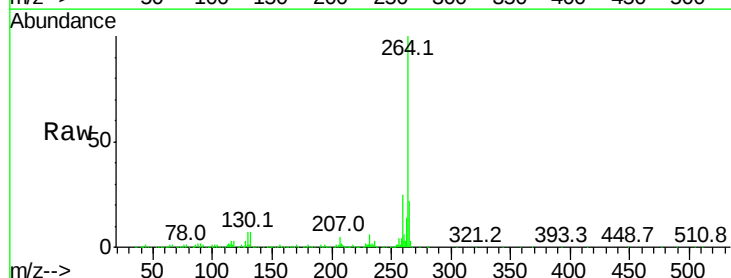
Delta R.T. -0.02 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

Tgt Ion:264 Resp: 646863

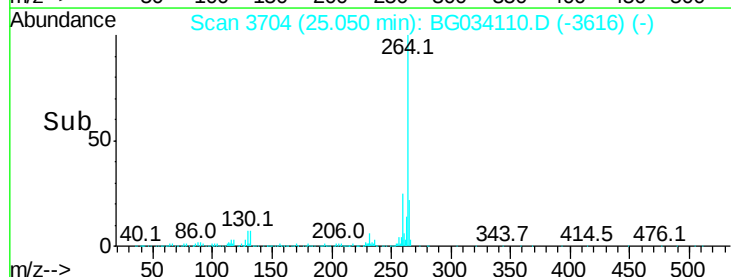
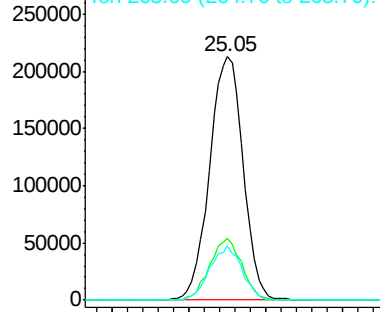
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 25.5  | 17.4  | 26.0  |
| 265 | 22.1  | 17.7  | 26.5  |

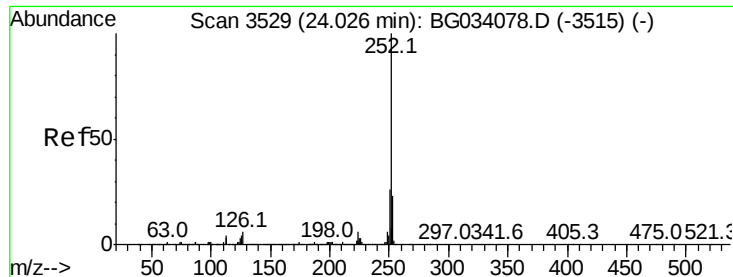


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 0.001 ng

RT: 23.98 min Scan# 3522

Delta R.T. -0.04 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

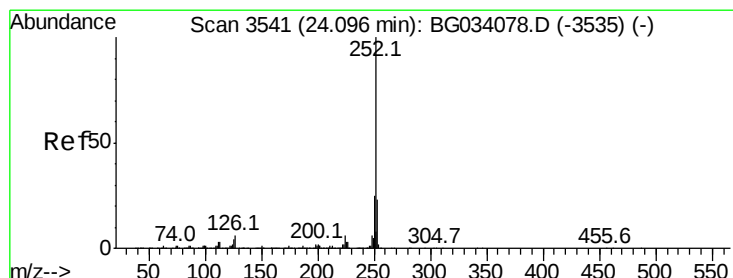
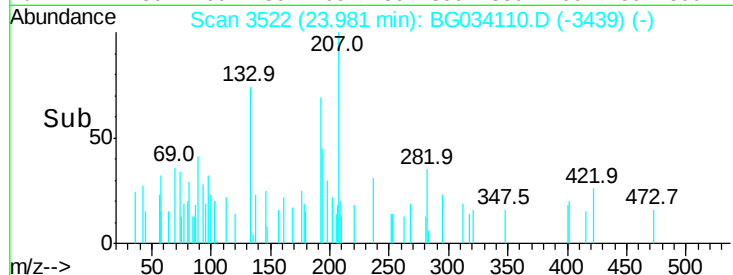
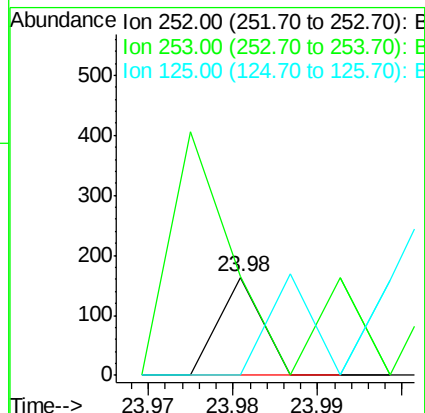
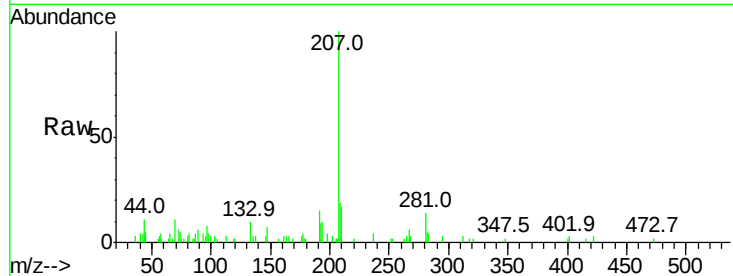
Instrument :

BNA\_G

ClientSampleId :

TR-05-042718

|             |       |            |
|-------------|-------|------------|
| Tot Ion:252 | Resp: | 57         |
| Ion Ratio   | Lower | Upper      |
| 252         | 100   |            |
| 253         | 101.2 | 18.2 27.4# |
| 125         | 0.0   | 7.2 10.8#  |



#88

Benzo(k)fluoranthene

Concen: 0.002 ng

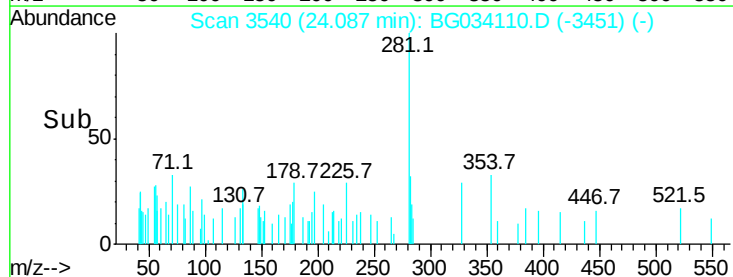
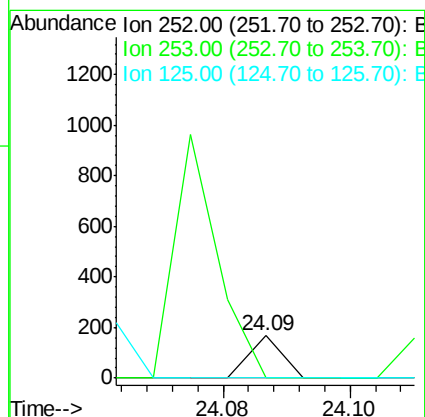
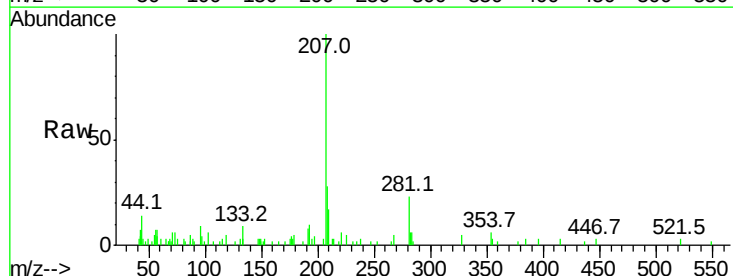
RT: 24.09 min Scan# 3540

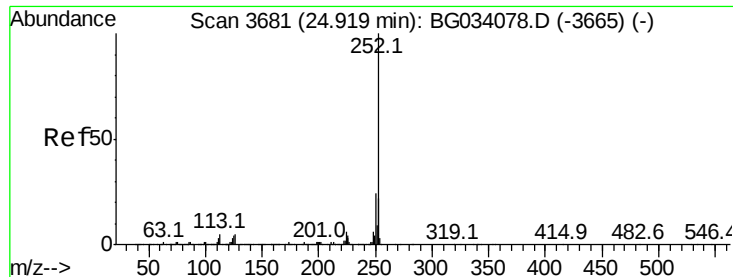
Delta R.T. -0.01 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:252 | Resp: | 59         |
| Ion Ratio   | Lower | Upper      |
| 252         | 100   |            |
| 253         | 0.0   | 17.4 26.2# |
| 125         | 0.0   | 6.6 9.8#   |





#89

Benzo(a)pyrene

Concen: 0.003 ng

RT: 24.90 min Scan# 3678

Delta R.T. -0.02 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

Instrument :

BNA\_G

ClientSampleId :

TR-05-042718

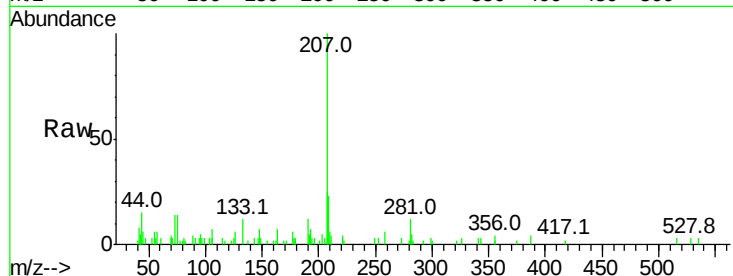
Tot Ion:252 Resp: 97

Ion Ratio Lower Upper

252 100

253 0.0 18.3 27.5#

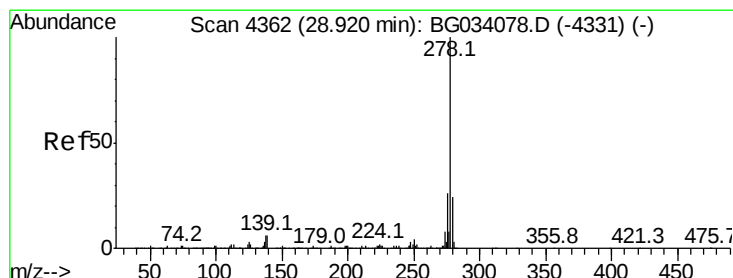
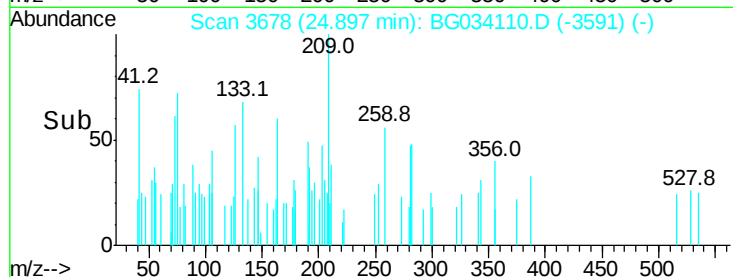
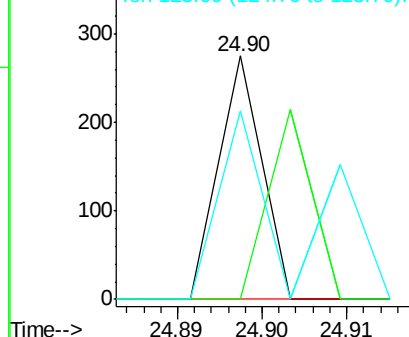
125 77.5 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 0.002 ng

RT: 28.92 min Scan# 4362

Delta R.T. -0.00 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

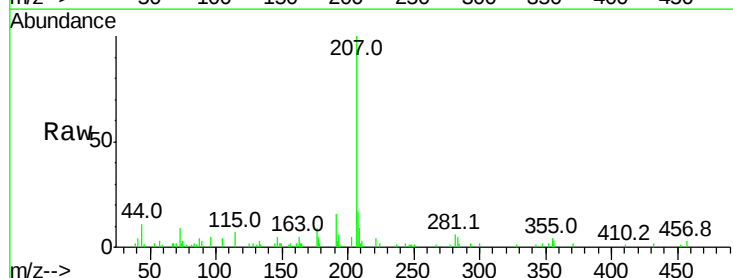
Tgt Ion:278 Resp: 65

Ion Ratio Lower Upper

278 100

139 0.0 9.8 14.6#

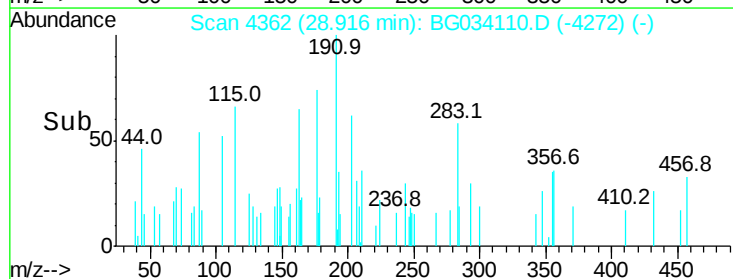
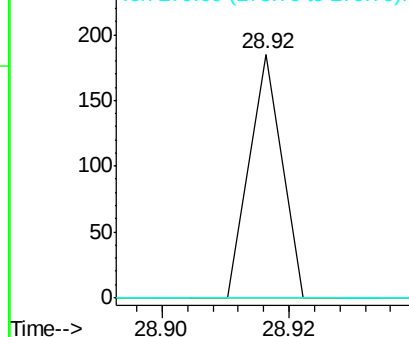
279 0.0 18.4 27.6#

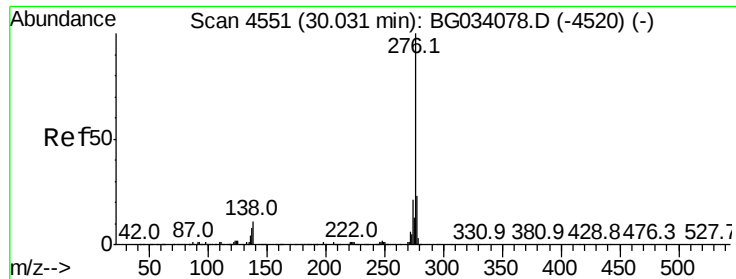


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 0.005 ng

RT: 30.00 min Scan# 4547

Delta R.T. -0.03 min

Lab File: BG034110.D

Acq: 2 May 2018 11:11

Instrument :

BNA\_G

ClientSampleId :

TR-05-042718

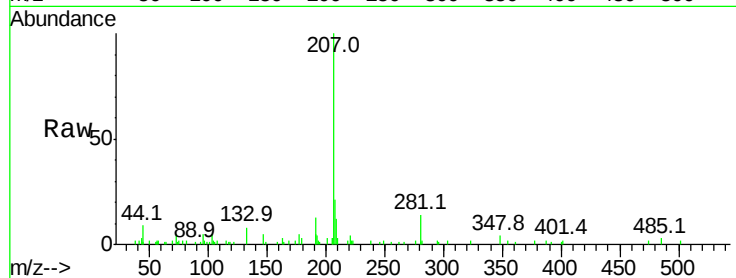
Tot Ion: 276 Resp: 189

Ion Ratio Lower Upper

276 100

277 0.0 18.3 27.5#

138 0.0 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

