

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\  
 Data File : BG033120.D  
 Acq On : 13 Mar 2018 15:48  
 Operator : SJ/JU  
 Sample : J1873-04MS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Mar 13 17:21:02 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 09 15:10:14 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.92  | 152  | 48570    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.80 | 136  | 206248   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 15.53 | 164  | 115018   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 18.25 | 188  | 266175   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 22.61 | 240  | 253454   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 26.41 | 264  | 280860   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 6.33  | 112 | 440649  | 145.15 | ng | 0.00 |
| 7) Phenol-d6             | 8.02  | 99  | 541270  | 127.91 | ng | 0.02 |
| 23) Nitrobenzene-d5      | 10.12 | 82  | 389953  | 125.82 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 17.00 | 330 | 233023  | 192.68 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 14.16 | 172 | 808823  | 101.42 | ng | 0.00 |
| 78) Terphenyl-d14        | 20.77 | 244 | 1185316 | 105.07 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |         |    | Qvalue |
|--------------------------------|-------|-----|--------|---------|----|--------|
| 2) 1,4-Dioxane                 | 3.98  | 88  | 51796  | 39.312  | ng | # 92   |
| 3) Pyridine                    | 4.45  | 79  | 117044 | 32.230  | ng | 89     |
| 4) n-Nitrosodimethylamine      | 4.34  | 42  | 89593  | 61.535  | ng | # 80   |
| 6) Aniline                     | 8.21  | 93  | 37803  | 6.600   | ng | 98     |
| 8) 2-Chlorophenol              | 8.47  | 128 | 164601 | 49.534  | ng | 95     |
| 9) Benzaldehyde                | 8.01  | 77  | 70029  | 28.714  | ng | 94     |
| 10) Phenol                     | 8.05  | 94  | 189838 | 44.503  | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 8.30  | 93  | 153749 | 44.078  | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 8.81  | 146 | 166292 | 42.726  | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 8.95  | 146 | 170377 | 43.489  | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 9.29  | 146 | 163725 | 43.611  | ng | 99     |
| 15) Benzyl Alcohol             | 9.15  | 79  | 152306 | 48.959  | ng | 94     |
| 16) 2,2'-oxybis(1-Chloropropan | 9.44  | 45  | 310127 | 51.719  | ng | 100    |
| 17) 2-Methylphenol             | 9.35  | 107 | 138277 | 43.960  | ng | 97     |
| 18) Hexachloroethane           | 10.05 | 117 | 62206  | 46.635  | ng | 88     |
| 19) n-Nitroso-di-n-propylamine | 9.73  | 70  | 131954 | 44.170  | ng | 88     |
| 20) 3+4-Methylphenols          | 9.68  | 107 | 188291 | 43.051  | ng | 94     |
| 22) Acetophenone               | 9.76  | 105 | 244454 | 46.931  | ng | # 95   |
| 24) Nitrobenzene               | 10.16 | 77  | 188572 | 56.091  | ng | 95     |
| 25) Isophorone                 | 10.68 | 82  | 356979 | 49.312  | ng | 96     |
| 26) 2-Nitrophenol              | 10.89 | 139 | 89048  | 67.137  | ng | 97     |
| 27) 2,4-Dimethylphenol         | 10.92 | 122 | 169402 | 53.868  | ng | 93     |
| 28) bis(2-Chloroethoxy)methane | 11.16 | 93  | 207258 | 49.145  | ng | 97     |
| 29) 2,4-Dichlorophenol         | 11.43 | 162 | 153106 | 53.643  | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 11.66 | 180 | 156189 | 46.683  | ng | 97     |
| 31) Naphthalene                | 11.86 | 128 | 517103 | 47.981  | ng | 98     |
| 32) Benzoic acid               | 11.03 | 122 | 93938  | 47.962  | ng | 88     |
| 33) 4-Chloroaniline            | 11.94 | 127 | 22066  | 4.579   | ng | 92     |
| 34) Hexachlorobutadiene        | 12.11 | 225 | 92664  | 49.377  | ng | 99     |
| 35) Caprolactam                | 12.68 | 113 | 48705  | 42.617  | ng | 99     |
| 36) 4-Chloro-3-methylphenol    | 13.00 | 107 | 183335 | 55.197  | ng | 95     |
| 37) 2-Methylnaphthalene        | 13.40 | 142 | 373356 | 47.884  | ng | 96     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.75 | 216 | 166919 | 48.888  | ng | # 97   |
| 40) Hexachlorocyclopentadiene  | 13.73 | 237 | 209029 | 120.127 | ng | 92     |

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 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

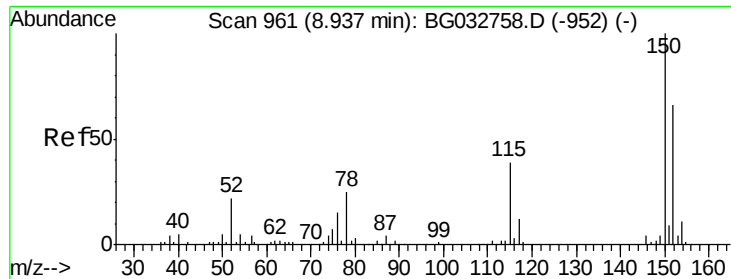
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Mar 13 17:21:02 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 09 15:10:14 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.98 | 196  | 118403   | 54.989  | nq    | 97       |
| 43) 2,4,5-Trichlorophenol      | 14.05 | 196  | 131346   | 52.705  | nq    | 94       |
| 45) 1,1'-Biphenyl              | 14.37 | 154  | 462977   | 46.064  | nq    | 96       |
| 46) 2-Chloronaphthalene        | 14.43 | 162  | 349574   | 46.561  | nq    | 97       |
| 47) 2-Nitroaniline             | 14.61 | 65   | 131636   | 65.112  | nq    | 95       |
| 48) Acenaphthylene             | 15.26 | 152  | 575143   | 46.790  | nq    | 98       |
| 49) Dimethylphthalate          | 14.96 | 163  | 458299   | 46.928  | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 15.09 | 165  | 103636   | 61.126  | nq    | 94       |
| 51) Acenaphthene               | 15.60 | 154  | 403990   | 52.773  | nq    | 96       |
| 52) 3-Nitroaniline             | 15.42 | 138  | 20415    | 16.148  | nq    | # 86     |
| 53) 2,4-Dinitrophenol          | 15.62 | 184  | 91084    | 139.349 | nq    | 92       |
| 54) Dibenzofuran               | 15.92 | 168  | 534983   | 49.080  | nq    | 93       |
| 55) 4-Nitrophenol              | 15.69 | 139  | 151405   | 93.373  | nq    | 95       |
| 56) 2,4-Dinitrotoluene         | 15.86 | 165  | 146904   | 69.152  | nq    | 90       |
| 57) Fluorene                   | 16.56 | 166  | 433012   | 48.130  | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 16.05 | 232  | 112554   | 58.172  | nq    | 94       |
| 59) Diethylphthalate           | 16.29 | 149  | 489863   | 47.556  | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 16.54 | 204  | 221214   | 50.263  | nq    | 91       |
| 61) 4-Nitroaniline             | 16.57 | 138  | 75975    | 37.267  | nq    | 93       |
| 62) Azobenzene                 | 16.83 | 77   | 453982   | 49.265  | nq    | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 16.61 | 198  | 67836    | 72.660  | nq    | 93       |
| 65) n-Nitrosodiphenylamine     | 16.75 | 169  | 398262   | 45.994  | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 17.43 | 248  | 139191   | 49.455  | nq    | # 89     |
| 67) Hexachlorobenzene          | 17.56 | 284  | 146333   | 48.112  | nq    | 95       |
| 68) Atrazine                   | 17.67 | 200  | 146493   | 51.397  | nq    | 98       |
| 69) Pentachlorophenol          | 17.89 | 266  | 188772   | 98.534  | nq    | 100      |
| 70) Phenanthrene               | 18.30 | 178  | 711077   | 47.884  | nq    | 98       |
| 71) Anthracene                 | 18.39 | 178  | 724468   | 48.594  | nq    | 99       |
| 72) Carbazole                  | 18.64 | 167  | 673174   | 45.810  | nq    | # 97     |
| 73) Di-n-butylphthalate        | 19.14 | 149  | 854634   | 47.407  | nq    | 98       |
| 74) Fluoranthene               | 20.25 | 202  | 819053   | 49.931  | nq    | 95       |
| 76) Benzydine                  | 20.41 | 184  | 39007    | 4.515   | nq    | 96       |
| 77) Pyrene                     | 20.60 | 202  | 826176   | 46.223  | nq    | 97       |
| 79) Butylbenzylphthalate       | 21.47 | 149  | 401978   | 50.725  | nq    | 92       |
| 80) Benzo(a)anthracene         | 22.59 | 228  | 805249   | 49.545  | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 22.47 | 252  | 62531    | 10.388  | nq    | 99       |
| 82) Chrysene                   | 22.66 | 228  | 751844   | 48.426  | nq    | 96       |
| 83) Bis(2-ethylhexyl)phthalate | 22.41 | 149  | 568449   | 48.460  | nq    | 95       |
| 84) Di-n-octyl phthalate       | 23.82 | 149  | 982790   | 54.966  | nq    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 30.83 | 276  | 869443   | 48.019  | nq    | # 94     |
| 87) Benzo(b)fluoranthene       | 25.19 | 252  | 804059   | 48.419  | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 25.27 | 252  | 813145   | 49.270  | nq    | # 96     |
| 89) Benzo(a)pyrene             | 26.24 | 252  | 783488   | 49.604  | nq    | # 97     |
| 90) Dibenzo(a,h)anthracene     | 30.91 | 278  | 700488   | 44.059  | nq    | # 96     |
| 91) Benzo(g,h,i)perylene       | 32.22 | 276  | 727163   | 46.398  | nq    | # 94     |

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



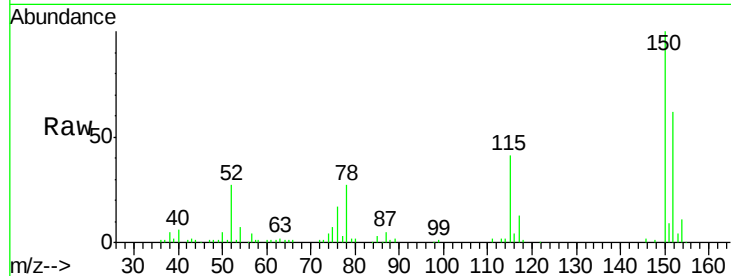


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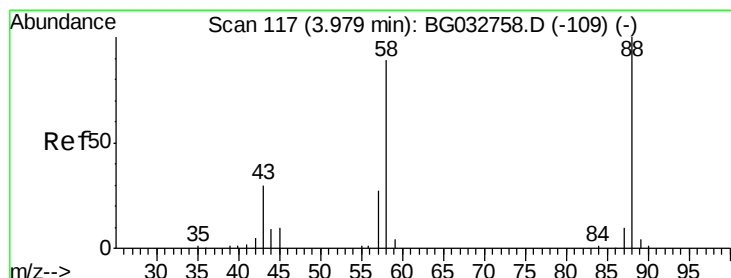
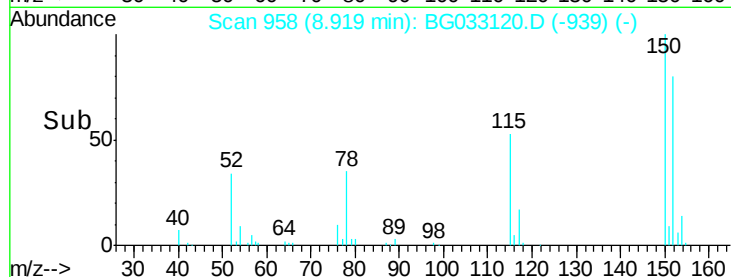
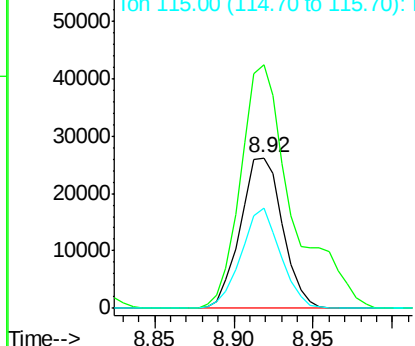
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.92 min Scan# 958  
Delta R.T. 0.01 min  
Lab File: BG033120.D  
Acq: 13 Mar 2018 15:48

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:152 Resp: 48570  
Ion Ratio Lower Upper  
152 100  
150 161.9 126.6 189.8  
115 66.3 53.0 79.4



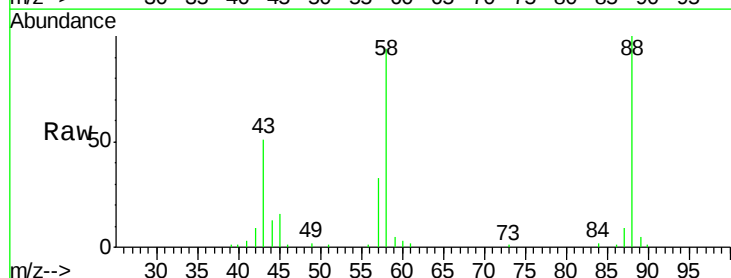
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



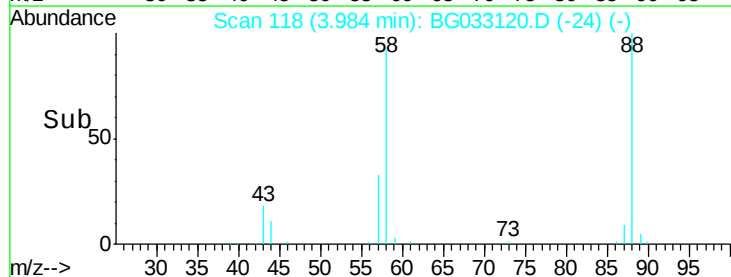
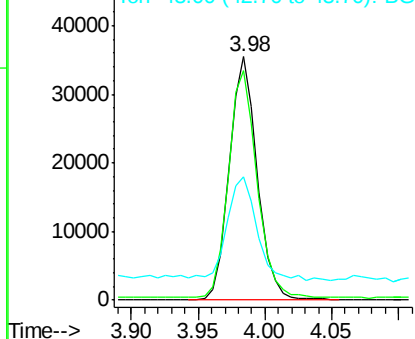
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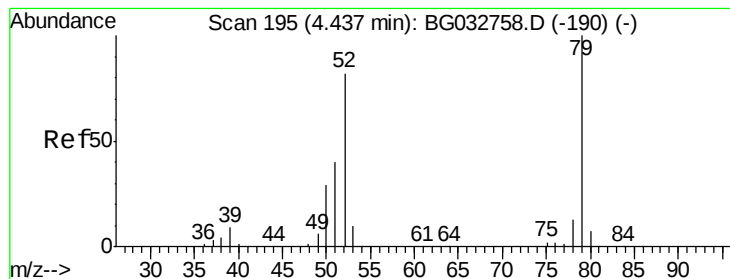
1,4-Dioxane  
Concen: 39.312 ng  
RT: 3.98 min Scan# 118  
Delta R.T. 0.02 min  
Lab File: BG033120.D  
Acq: 13 Mar 2018 15:48

Tgt Ion: 88 Resp: 51796  
Ion Ratio Lower Upper  
88 100  
58 94.9 79.6 119.4  
43 44.6 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: 32.230 ng

RT: 4.45 min Scan# 197

Delta R.T. 0.02 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

Instrument :

BNA\_G

ClientSampleId :

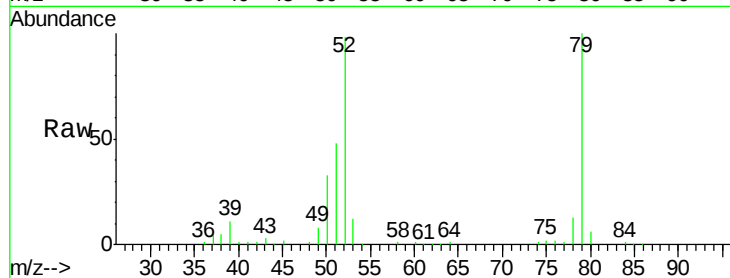
Tot Ion: 79 Resp: 117044

Ion Ratio Lower Upper

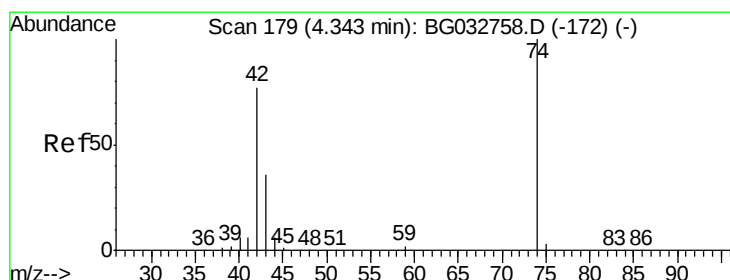
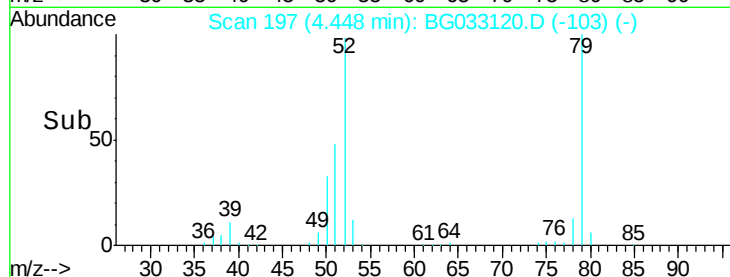
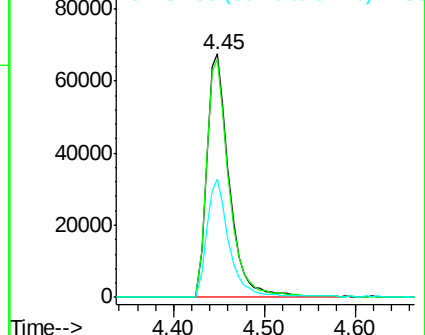
79 100

52 98.0 69.9 104.9

51 48.4 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



#4

n-Nitrosodimethylamine

Concen: 61.535 ng

RT: 4.34 min Scan# 178

Delta R.T. 0.01 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

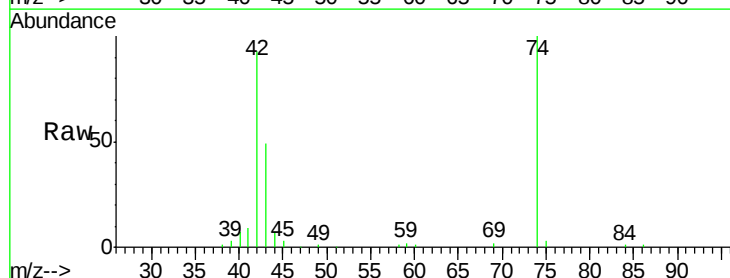
Tgt Ion: 42 Resp: 89593

Ion Ratio Lower Upper

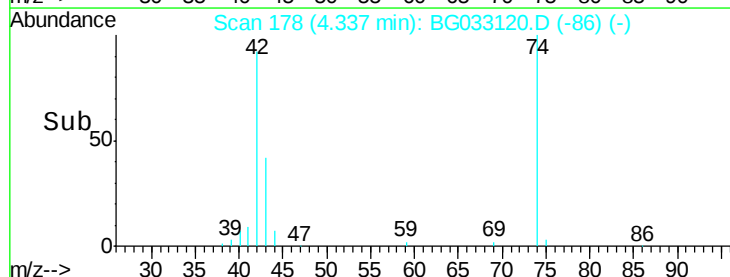
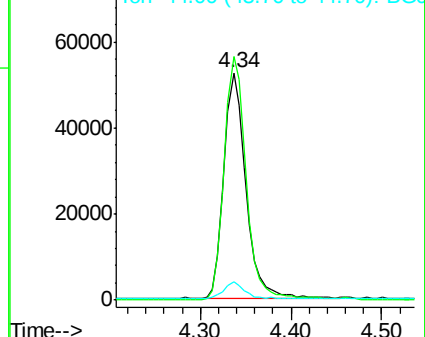
42 100

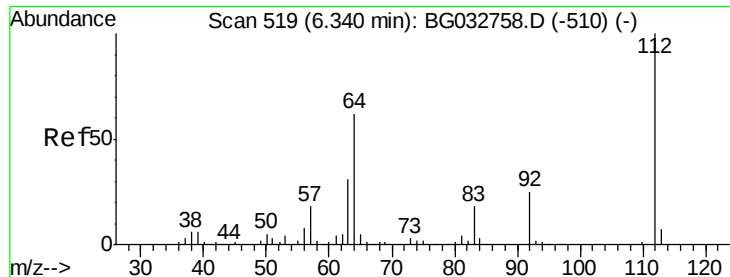
74 107.1 102.5 153.7

44 7.8 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





#5

2-Fluorophenol

Concen: 145.146 ng

RT: 6.33 min Scan# 518

Delta R.T. 0.01 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

Instrument :

BNA\_G

ClientSampleId :

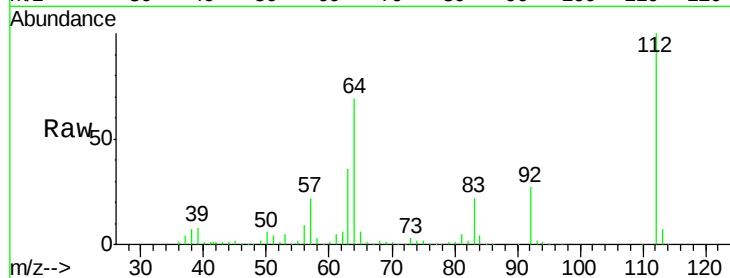
Tot Ion:112 Resp: 440649

Ion Ratio Lower Upper

112 100

64 69.4 56.3 84.5

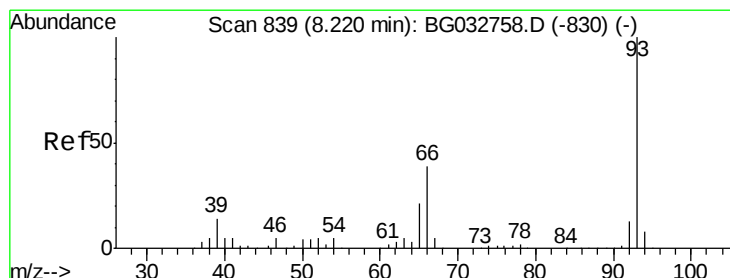
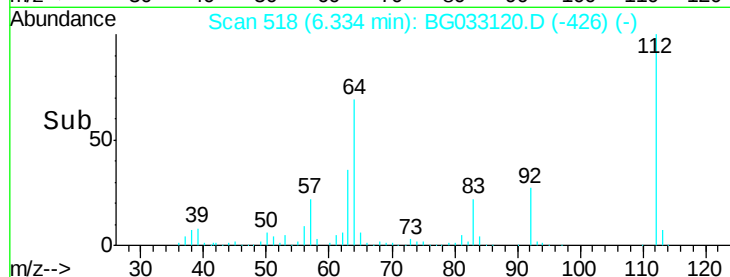
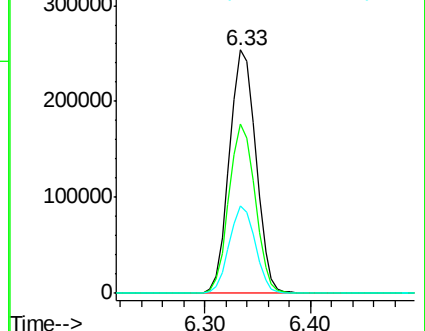
63 35.9 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 6.600 ng

RT: 8.21 min Scan# 837

Delta R.T. 0.00 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

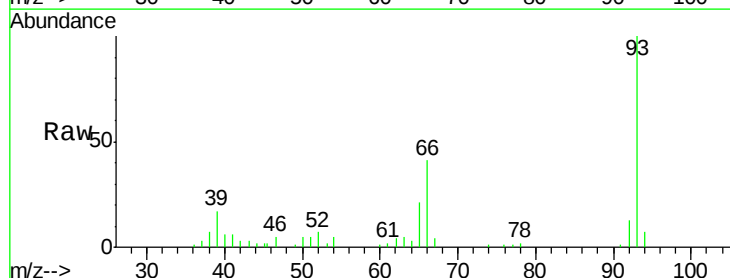
Tgt Ion: 93 Resp: 37803

Ion Ratio Lower Upper

93 100

66 40.6 33.7 50.5

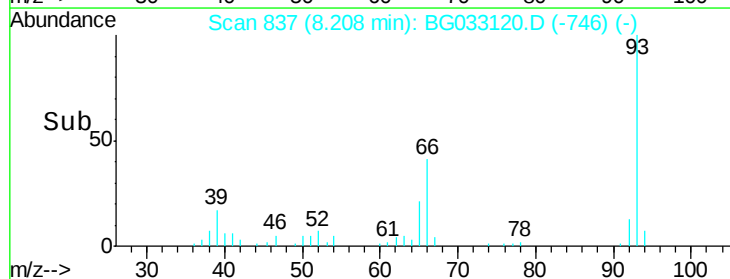
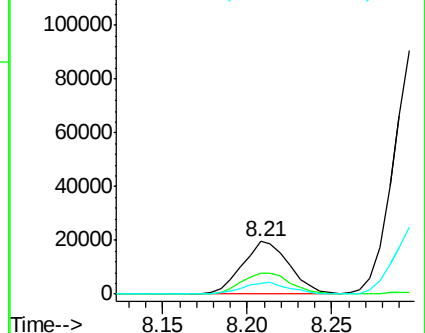
65 20.9 16.1 24.1

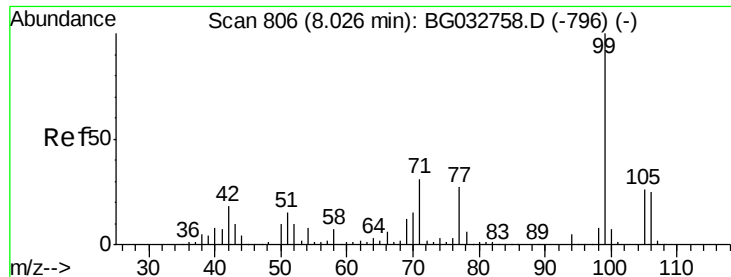


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 127.911 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.02 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

Instrument :

BNA\_G

ClientSampled :

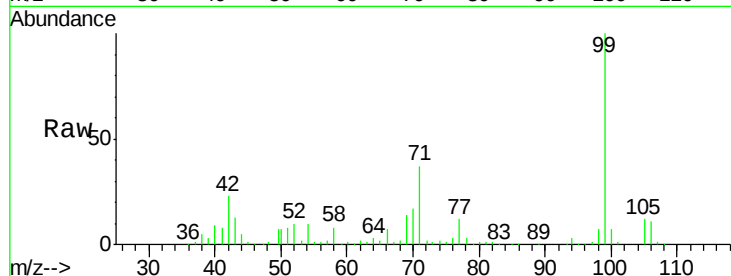
Tot Ion: 99 Resp: 541270

Ion Ratio Lower Upper

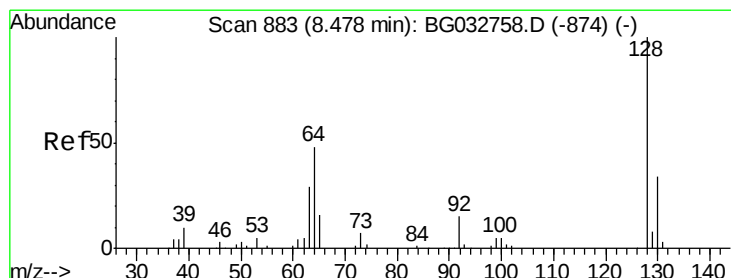
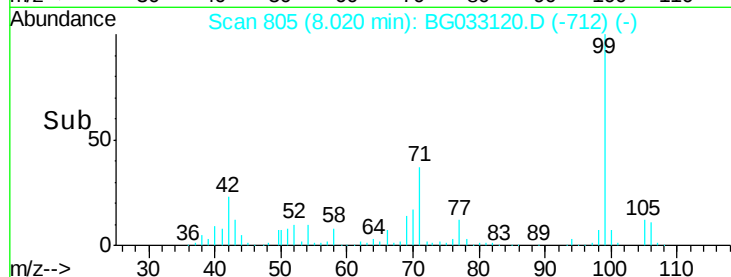
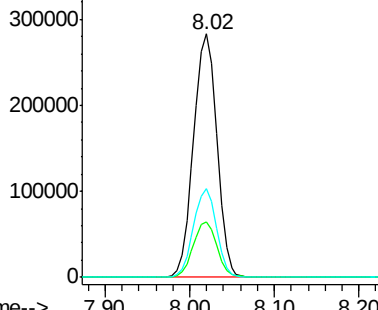
99 100

42 22.9 14.1 21.1#

71 36.7 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 49.534 ng

RT: 8.47 min Scan# 881

Delta R.T. 0.01 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

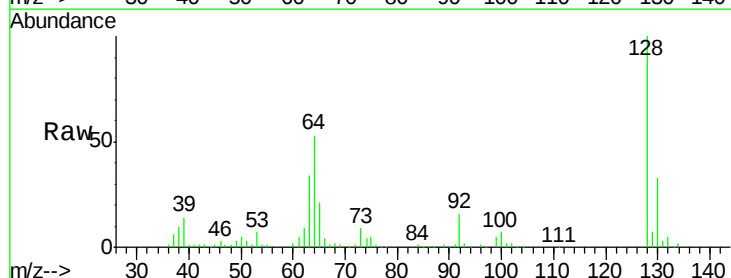
Tgt Ion:128 Resp: 164601

Ion Ratio Lower Upper

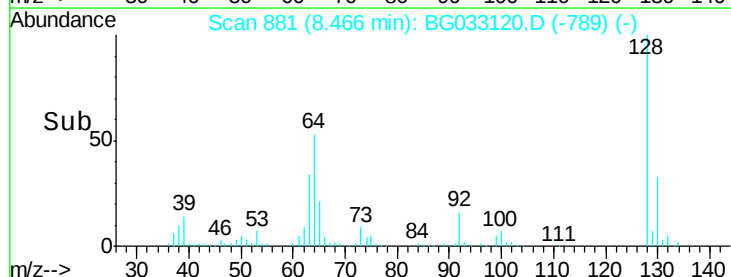
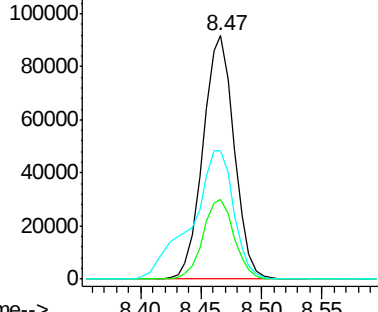
128 100

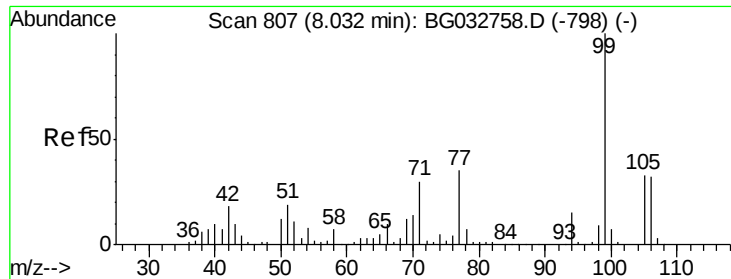
130 32.9 14.0 54.0

64 52.8 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC  
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 28.714 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

Instrument :

BNA\_G

ClientSampled :

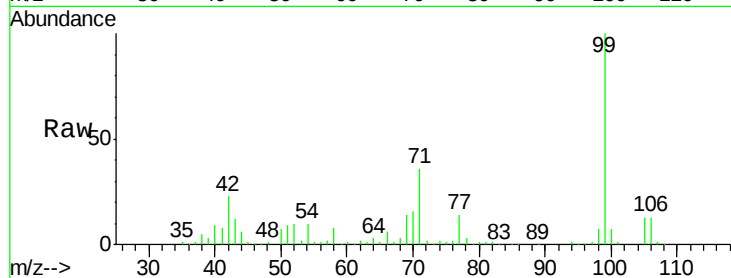
Tot Ion: 77 Resp: 70029

Ion Ratio Lower Upper

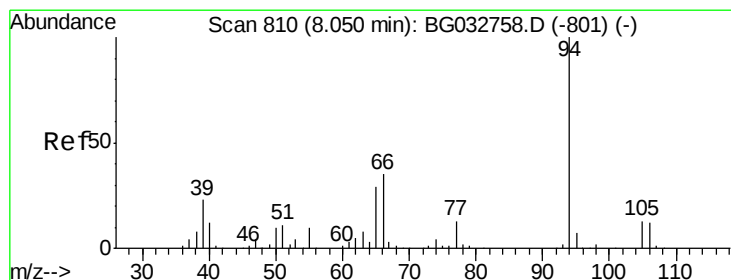
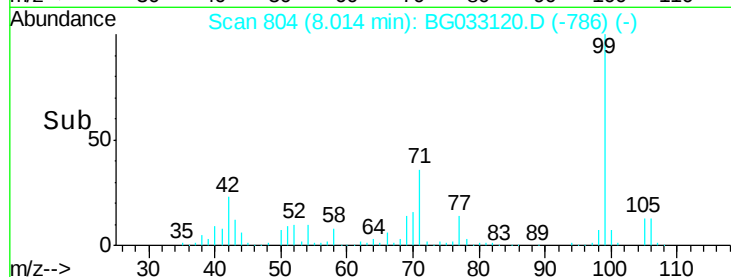
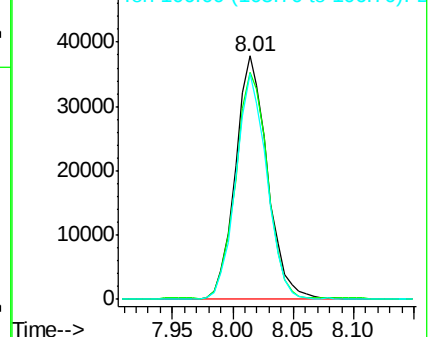
77 100

105 93.3 71.3 111.3

106 92.9 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 44.503 ng

RT: 8.05 min Scan# 810

Delta R.T. 0.02 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

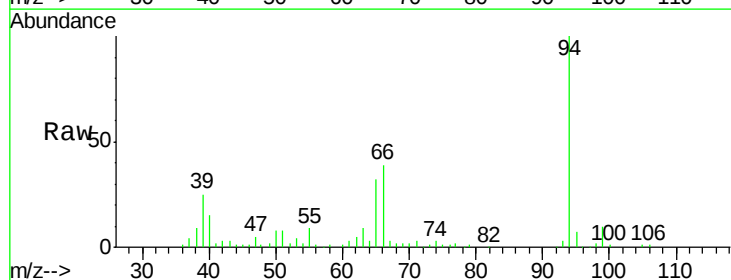
Tgt Ion: 94 Resp: 189838

Ion Ratio Lower Upper

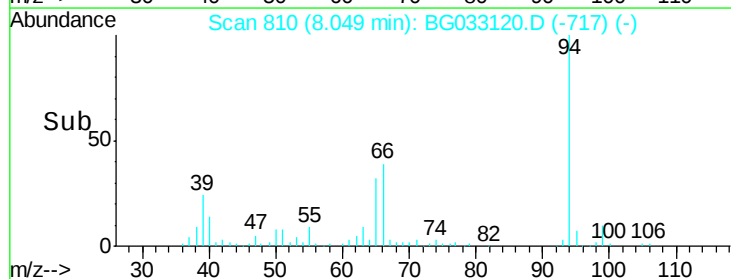
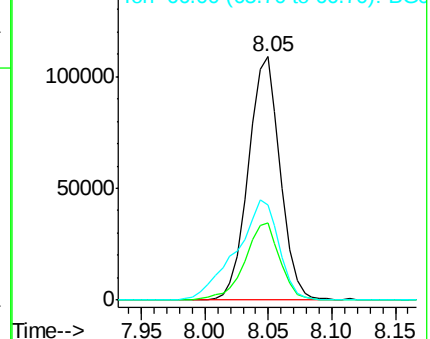
94 100

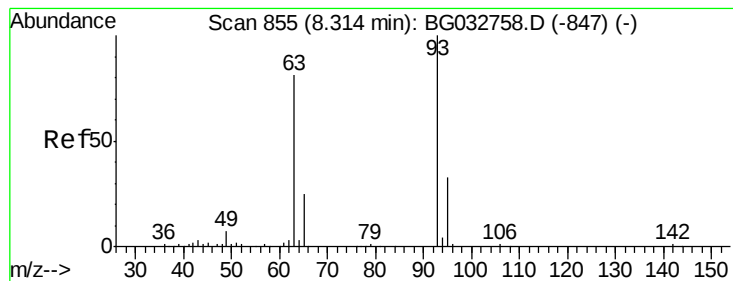
65 31.7 11.9 51.9

66 39.3 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: 44.078 ng

RT: 8.30 min Scan# 852

Delta R.T. 0.00 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

Instrument :

BNA\_G

ClientSampleId :

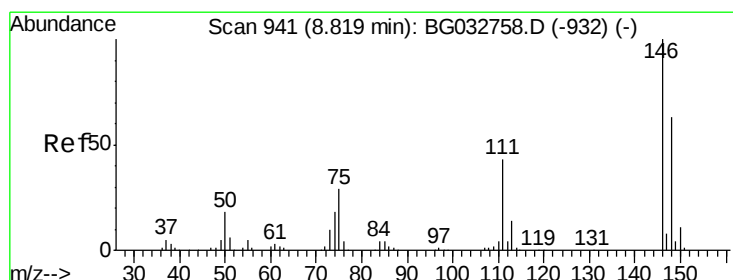
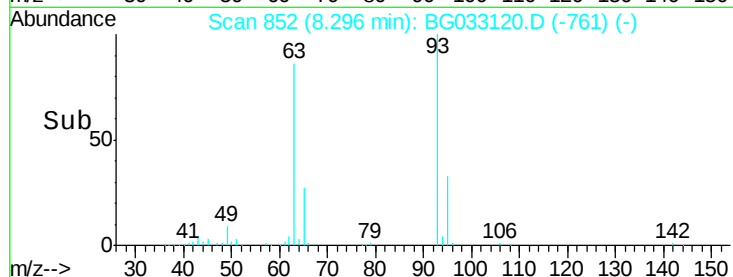
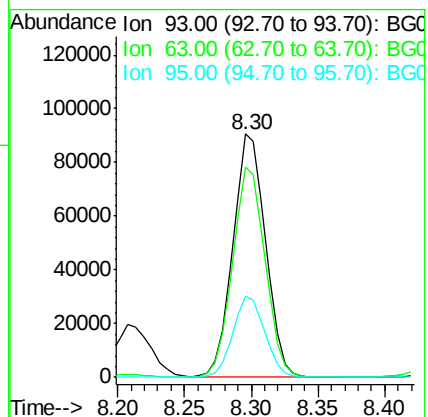
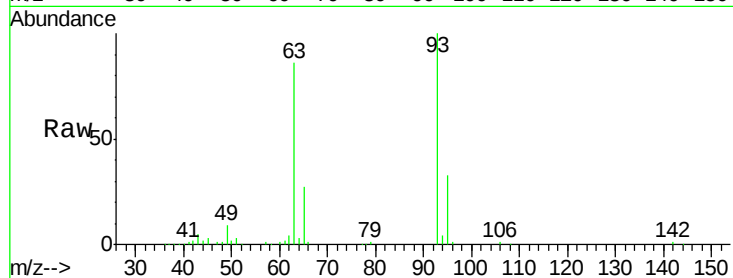
Tot Ion: 93 Resp: 153749

Ion Ratio Lower Upper

93 100

63 86.5 67.1 107.1

95 33.1 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 42.726 ng

RT: 8.81 min Scan# 939

Delta R.T. 0.01 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

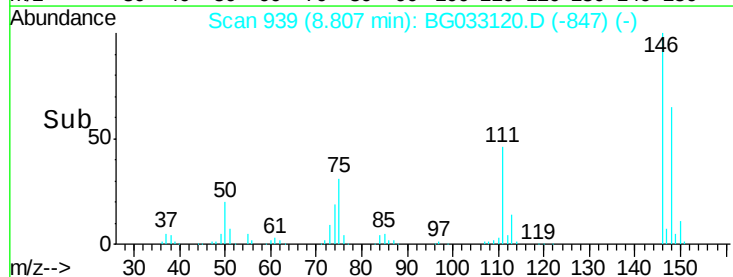
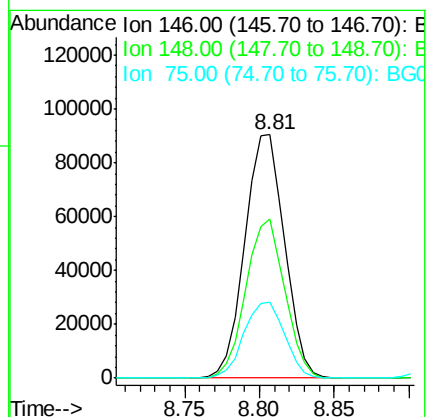
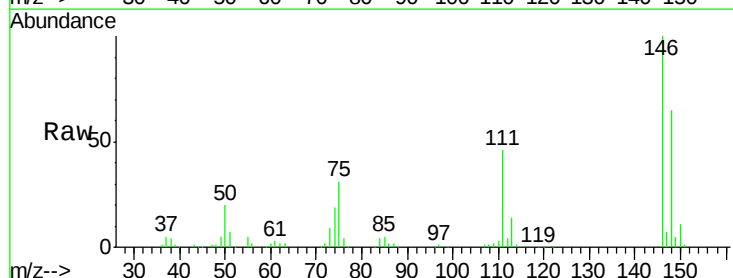
Tgt Ion: 146 Resp: 166292

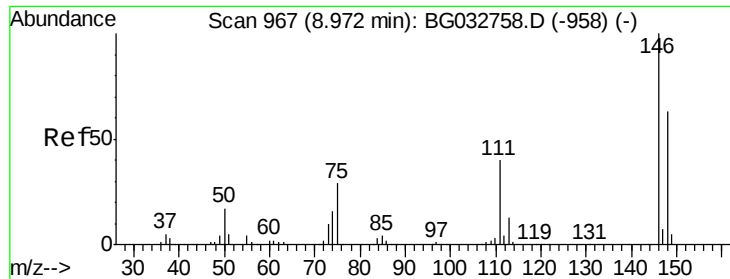
Ion Ratio Lower Upper

146 100

148 65.5 51.4 77.2

75 31.0 26.6 39.8

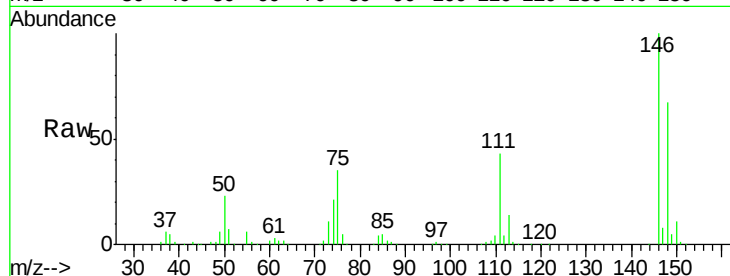




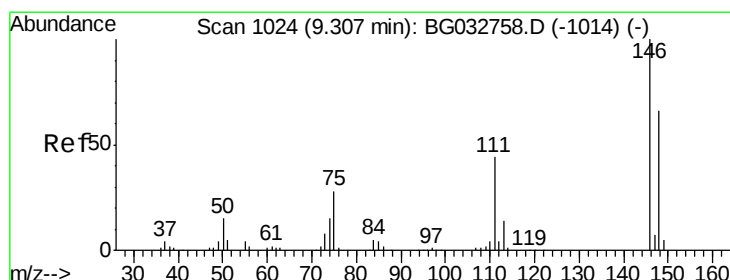
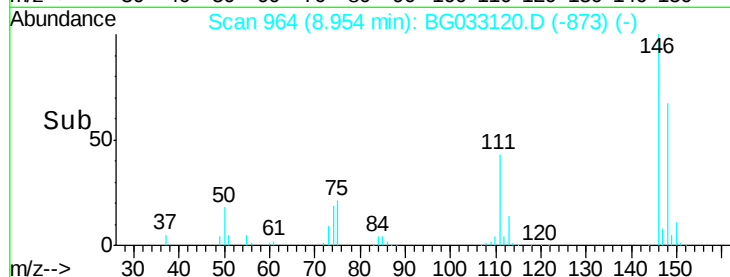
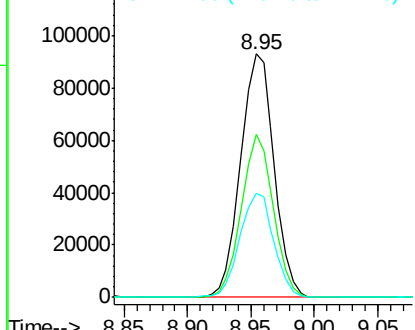
#13  
 1,4-Dichlorobenzene  
 Concen: 43.489 ng  
 RT: 8.95 min Scan# 964  
 Delta R.T. 0.00 min  
 Lab File: BG033120.D  
 Acq: 13 Mar 2018 15:48

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:146 Resp: 170377  
 Ion Ratio Lower Upper  
 146 100  
 148 67.1 53.7 80.5  
 111 42.9 35.2 52.8

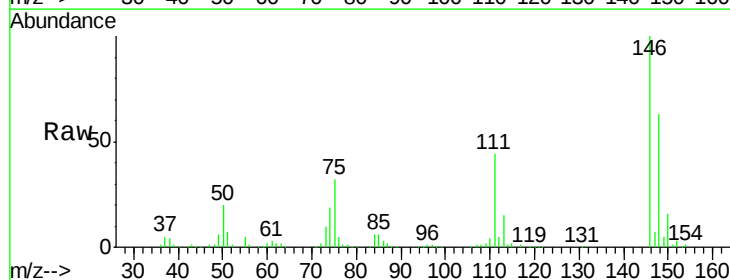


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

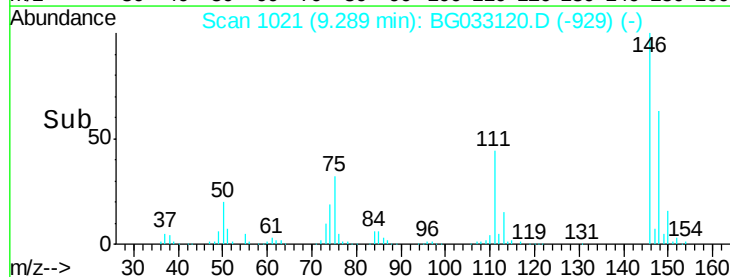
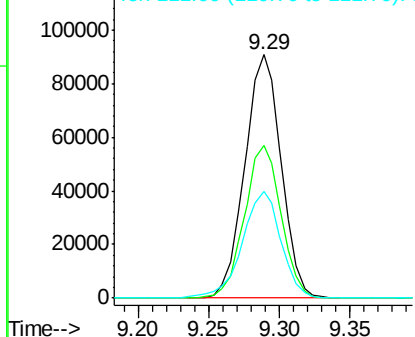


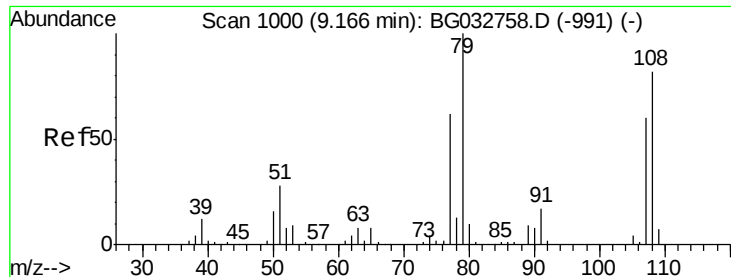
#14  
 1,2-Dichlorobenzene  
 Concen: 43.611 ng  
 RT: 9.29 min Scan# 1021  
 Delta R.T. 0.01 min  
 Lab File: BG033120.D  
 Acq: 13 Mar 2018 15:48

Tgt Ion:146 Resp: 163725  
 Ion Ratio Lower Upper  
 146 100  
 148 62.9 49.3 73.9  
 111 43.6 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: 48.959 ng

RT: 9.15 min Scan# 997

Delta R.T. 0.00 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

Instrument :

BNA\_G

ClientSampleId :

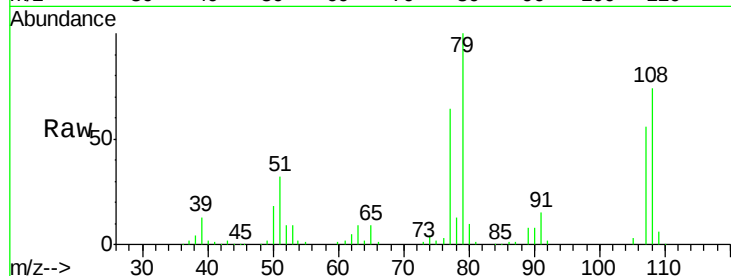
Tot Ion: 79 Resp: 152306

Ion Ratio Lower Upper

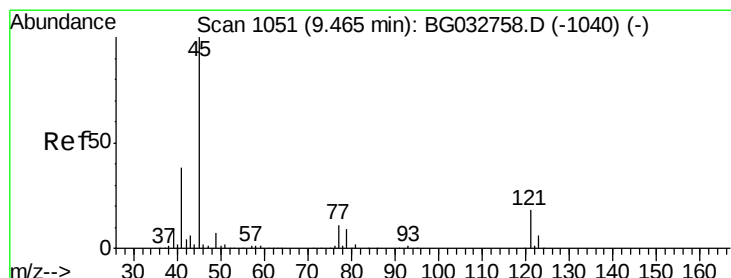
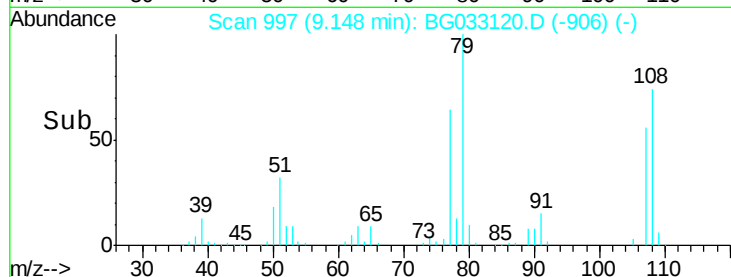
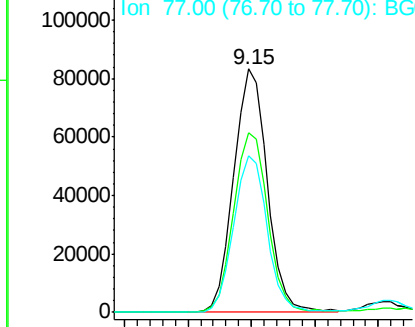
79 100

108 73.9 57.2 85.8

77 64.5 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC  
Ion 108.00 (107.70 to 108.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 51.719 ng

RT: 9.44 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

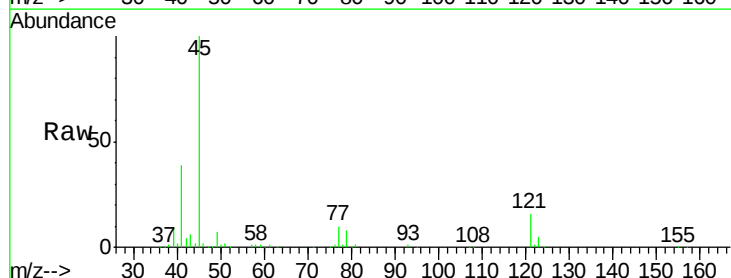
Tgt Ion: 45 Resp: 310127

Ion Ratio Lower Upper

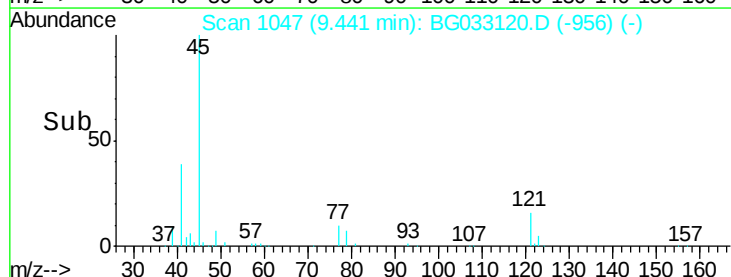
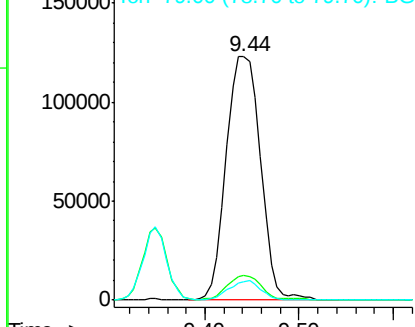
45 100

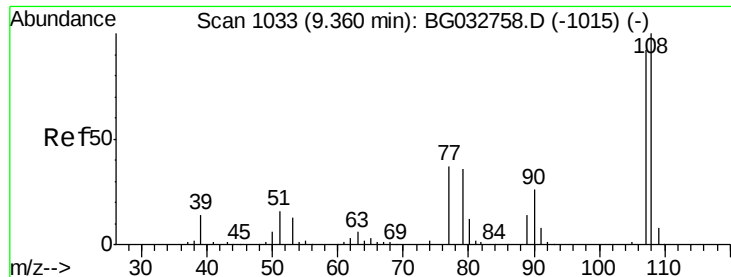
77 10.2 0.0 30.2

79 7.5 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: 43.960 ng

RT: 9.35 min Scan# 1031

Delta R.T. 0.01 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:107 Resp: 138277

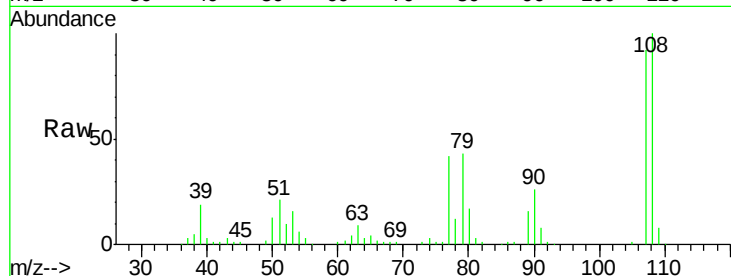
Ion Ratio Lower Upper

107 100

108 108.5 83.9 125.9

77 45.9 37.2 55.8

79 47.2 36.2 54.2

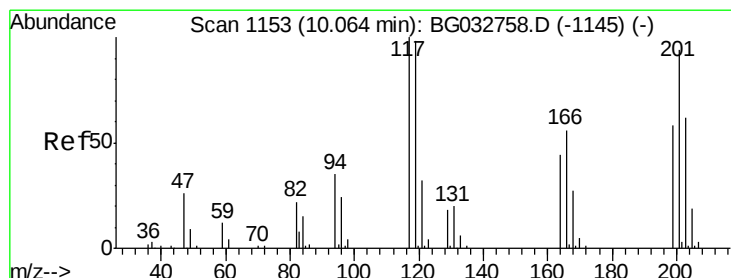
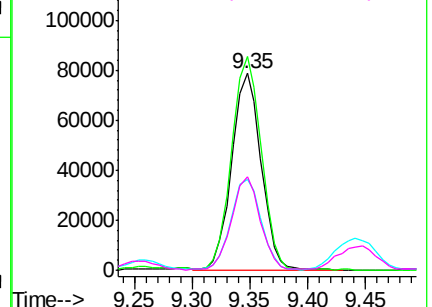
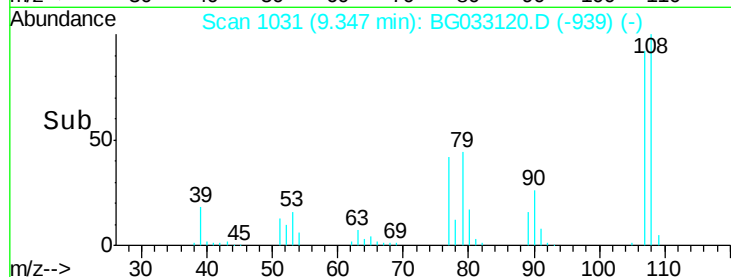


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 46.635 ng

RT: 10.05 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

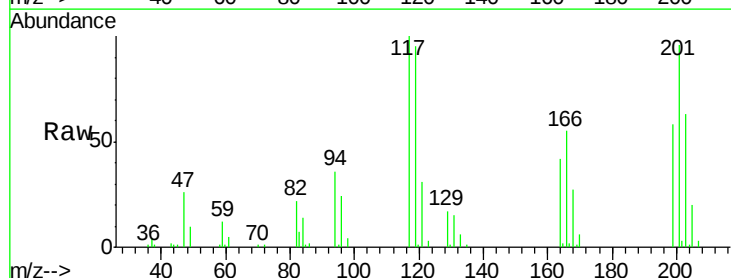
Tgt Ion:117 Resp: 62206

Ion Ratio Lower Upper

117 100

119 94.7 76.7 115.1

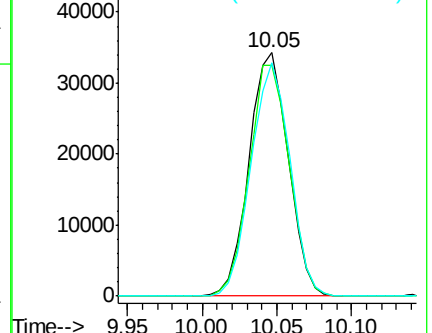
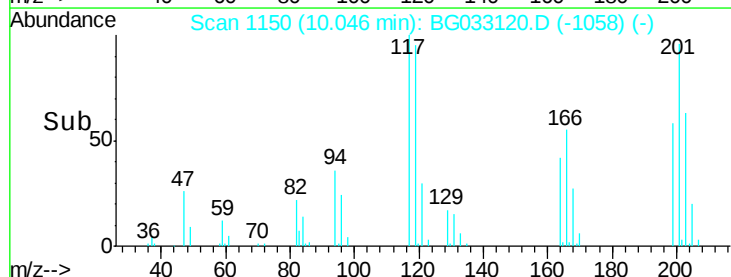
201 95.8 95.7 143.5

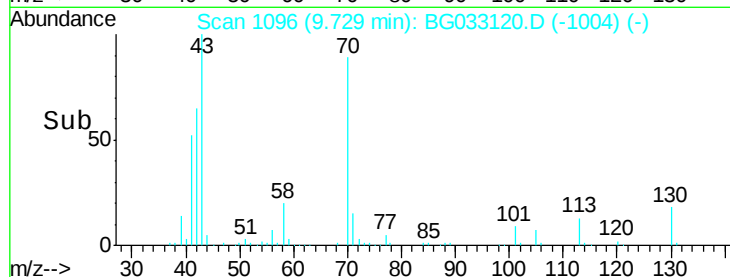
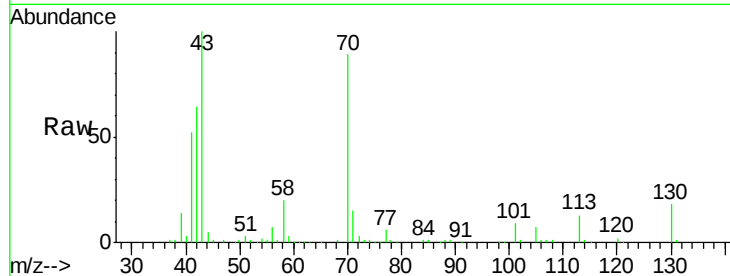
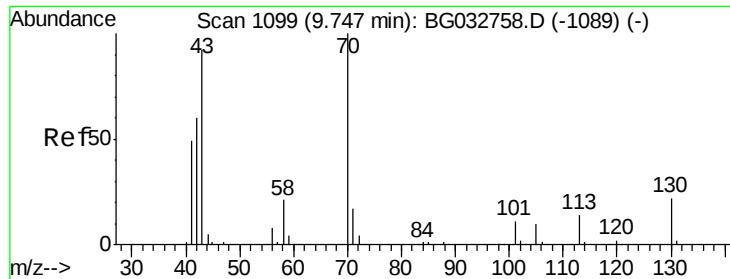


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

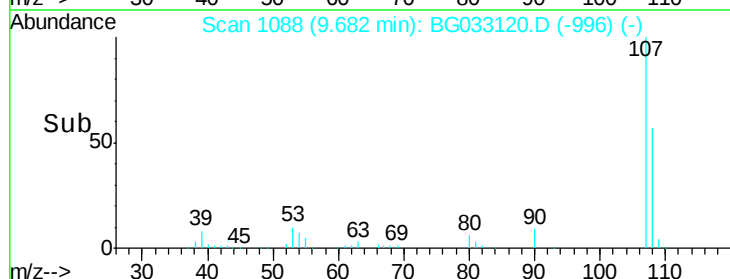
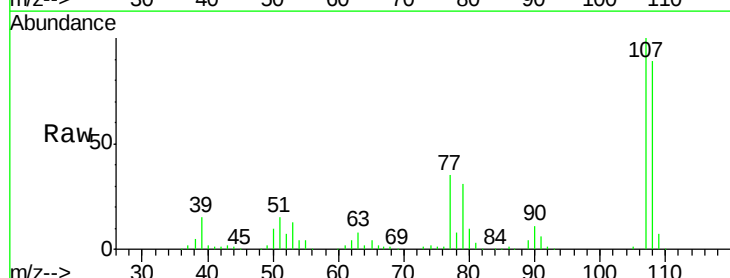
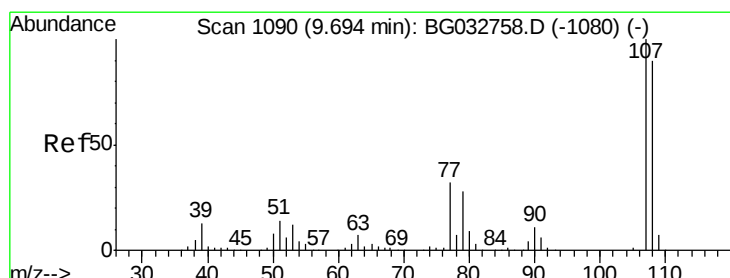
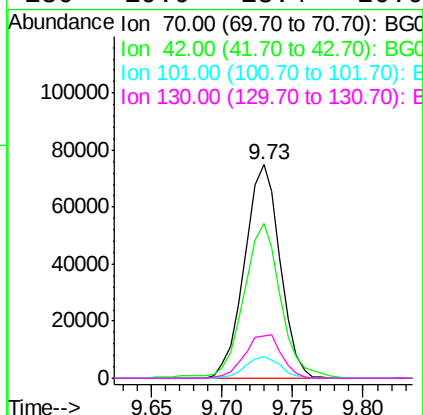




#19  
n-Nitroso-di-n-propylamine  
Concen: 44.170 ng  
RT: 9.73 min Scan# 1096  
Delta R.T. 0.01 min  
Lab File: BG033120.D  
Acq: 13 Mar 2018 15:48

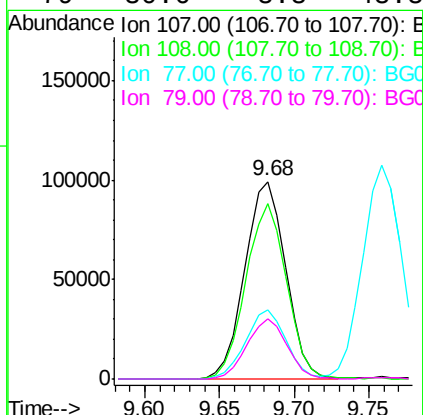
Instrument :  
BNA\_G  
ClientSampleId :

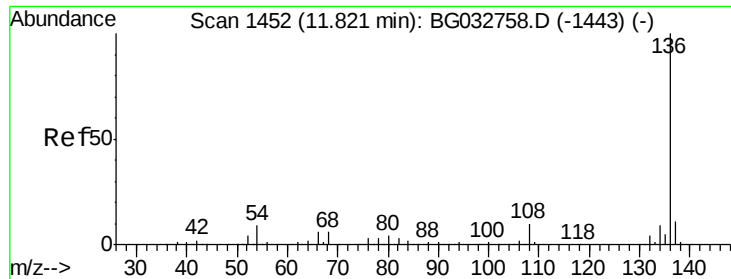
Tot Ion: 70 Resp: 131954  
Ion Ratio Lower Upper  
70 100  
42 72.5 49.1 73.7  
101 10.0 8.5 12.7  
130 19.9 13.4 20.0



#20  
3+4-Methylphenols  
Concen: 43.051 ng  
RT: 9.68 min Scan# 1088  
Delta R.T. 0.01 min  
Lab File: BG033120.D  
Acq: 13 Mar 2018 15:48

Tgt Ion: 107 Resp: 188291  
Ion Ratio Lower Upper  
107 100  
108 88.9 61.6 101.6  
77 34.9 13.9 53.9  
79 30.6 8.8 48.8

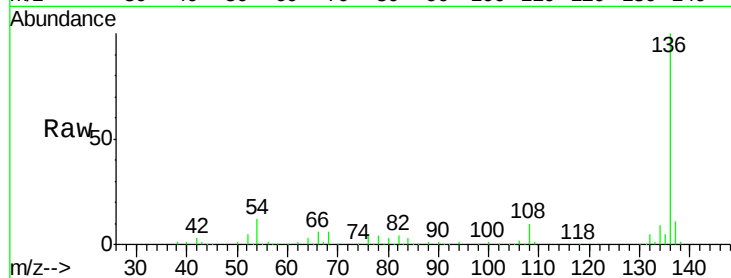




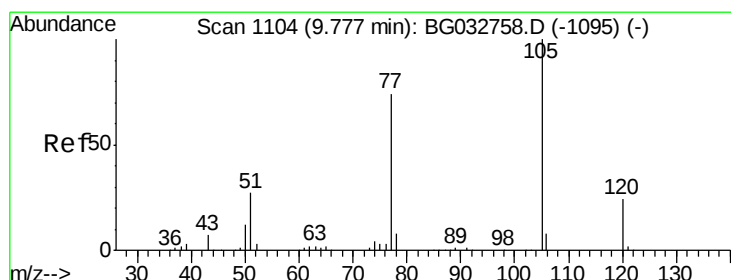
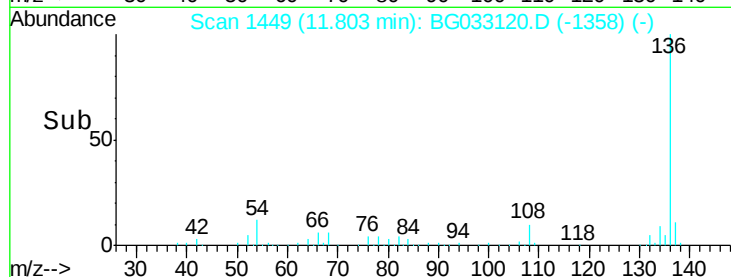
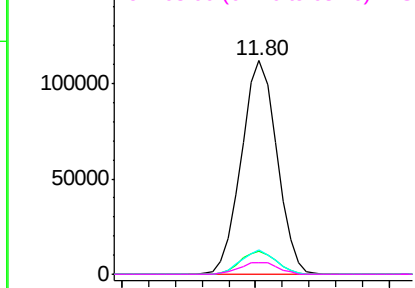
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.80 min Scan# 1449  
Delta R.T. 0.00 min  
Lab File: BG033120.D  
Acq: 13 Mar 2018 15:48

Instrument :  
BNA\_G  
ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:136 | Resp: | 206248    |
| Ion Ratio   | Lower | Upper     |
| 136         | 100   |           |
| 137         | 10.8  | 9.2 13.8  |
| 54          | 11.6  | 10.3 15.5 |
| 68          | 5.5   | 4.5 6.7   |

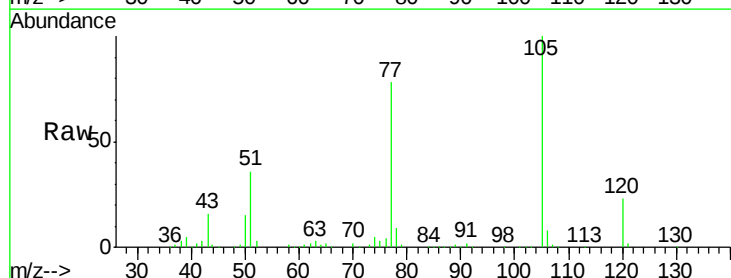


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

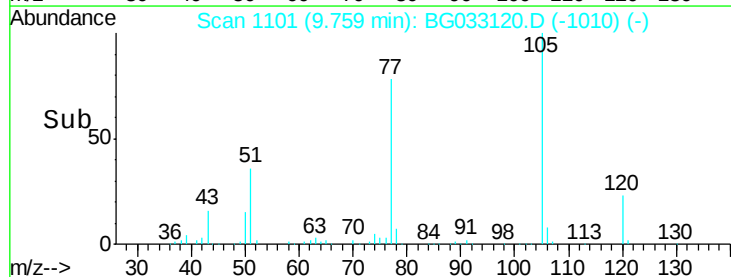
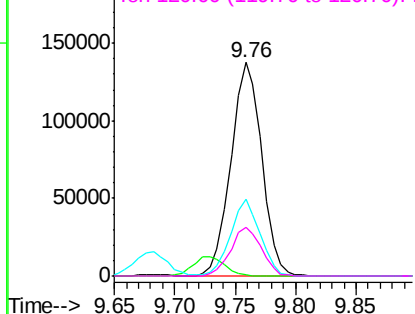


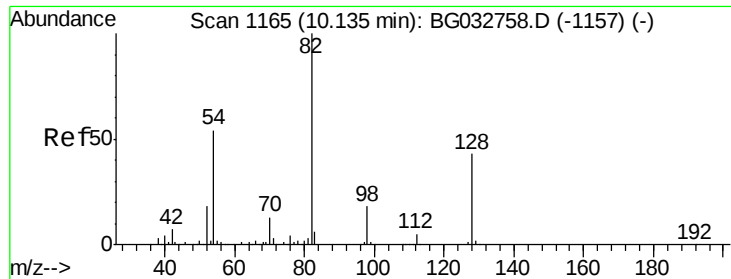
#22  
Acetophenone  
Concen: 46.931 ng  
RT: 9.76 min Scan# 1101  
Delta R.T. 0.00 min  
Lab File: BG033120.D  
Acq: 13 Mar 2018 15:48

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 244454    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 0.3   | 3.0 4.4#  |
| 51          | 36.2  | 26.1 39.1 |
| 120         | 22.8  | 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

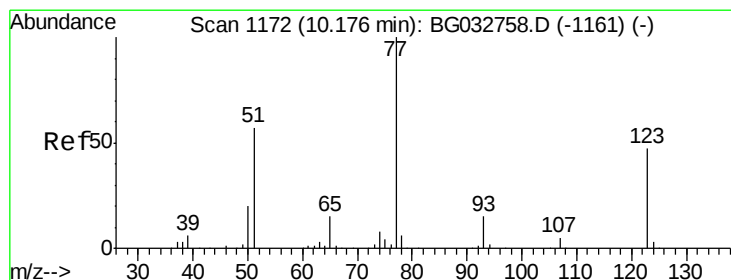
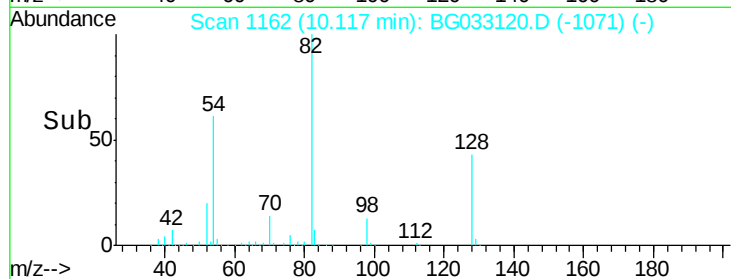
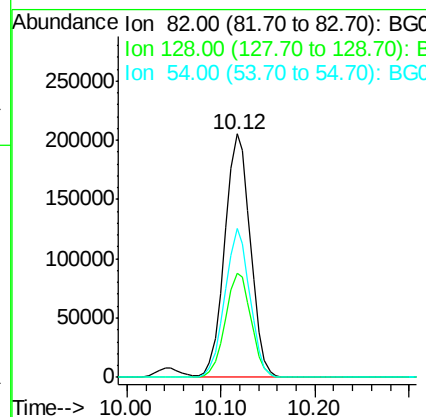
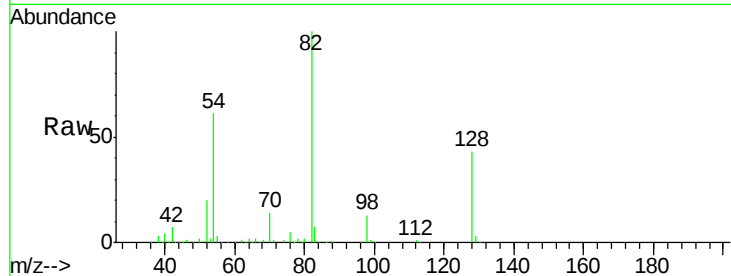




#23  
 Nitrobenzene-d5  
 Concen: 125.817 ng  
 RT: 10.12 min Scan# 1162  
 Delta R.T. 0.00 min  
 Lab File: BG033120.D  
 Acq: 13 Mar 2018 15:48

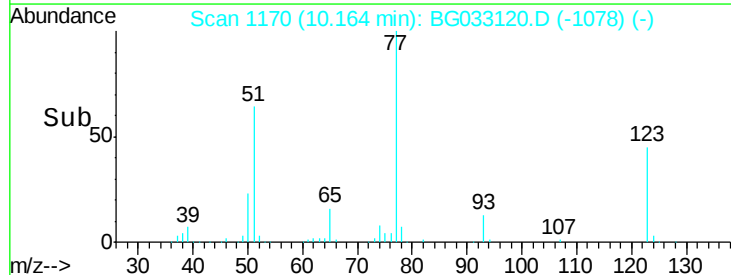
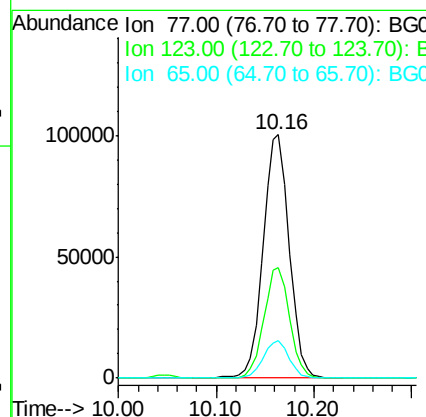
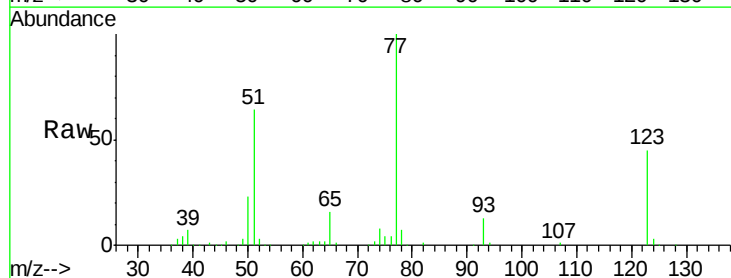
Instrument :  
 BNA\_G  
 ClientSampled :

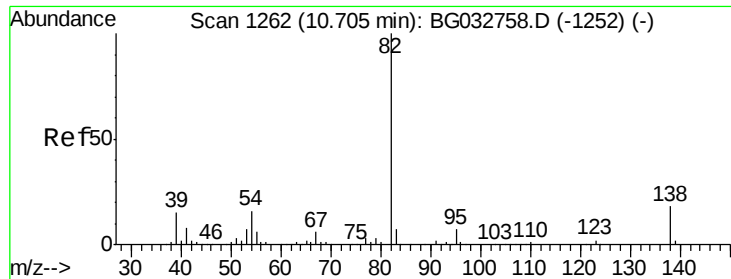
| Tot Ion | 82    | Resp  | 389953 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 82      | 100   |       |        |
| 128     | 42.6  | 29.7  | 44.5   |
| 54      | 61.3  | 43.1  | 64.7   |



#24  
 Nitrobenzene  
 Concen: 56.091 ng  
 RT: 10.16 min Scan# 1170  
 Delta R.T. 0.01 min  
 Lab File: BG033120.D  
 Acq: 13 Mar 2018 15:48

| Tgt Ion | 77    | Resp  | 188572 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 77      | 100   |       |        |
| 123     | 45.4  | 33.0  | 49.6   |
| 65      | 15.6  | 13.0  | 19.6   |





#25

Isophorone

Concen: 49.312 ng

RT: 10.68 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

Instrument :

BNA\_G

ClientSampleId :

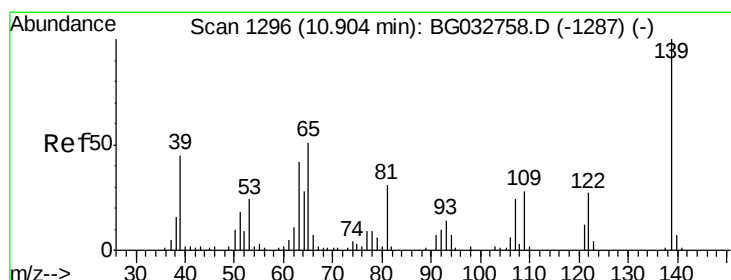
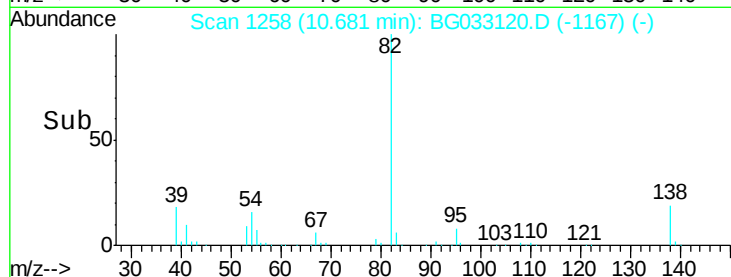
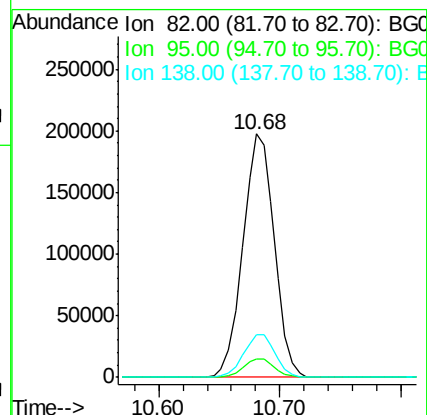
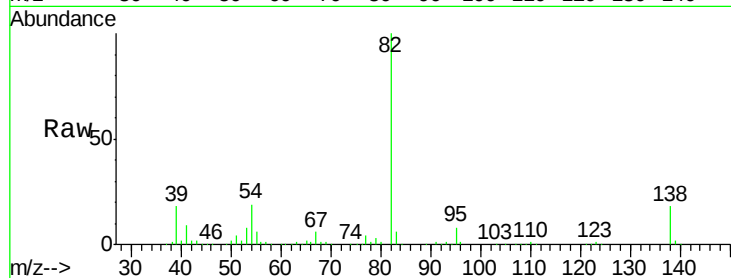
Tot Ion: 82 Resp: 356979

Ion Ratio Lower Upper

82 100

95 7.7 6.2 9.2

138 17.5 12.1 18.1



#26

2-Nitrophenol

Concen: 67.137 ng

RT: 10.89 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

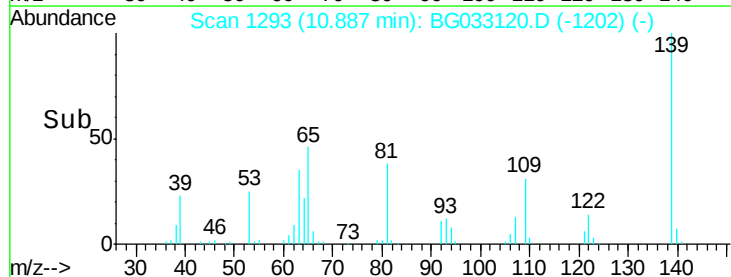
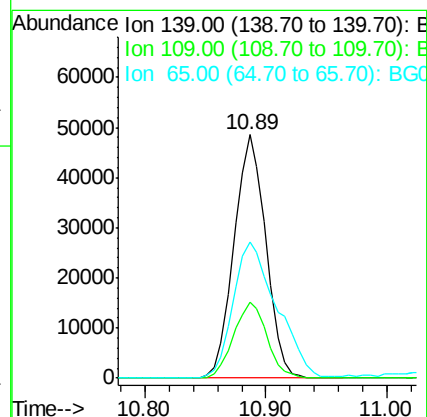
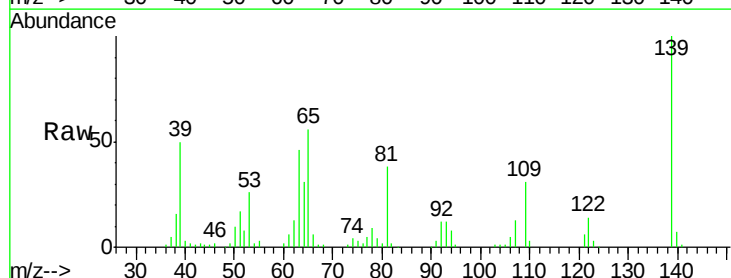
Tgt Ion: 139 Resp: 89048

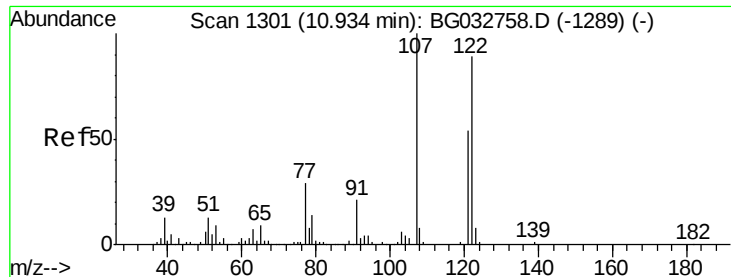
Ion Ratio Lower Upper

139 100

109 31.0 24.2 36.2

65 55.8 47.4 71.0

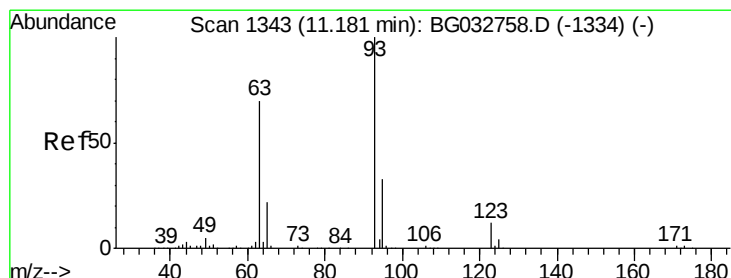
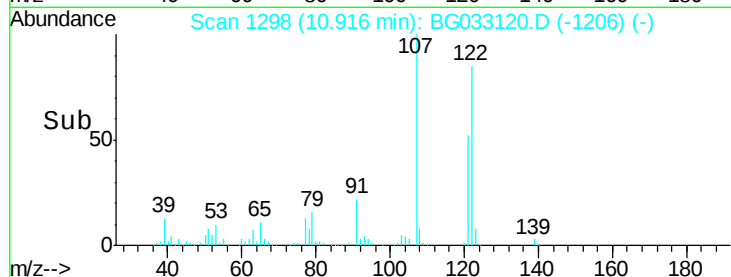
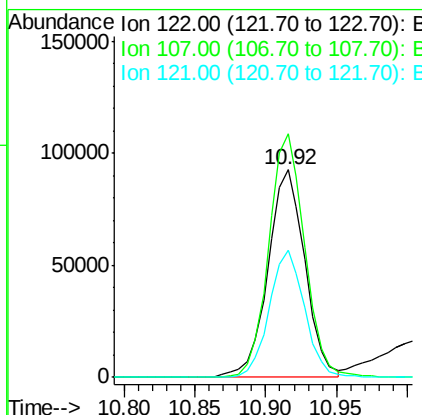
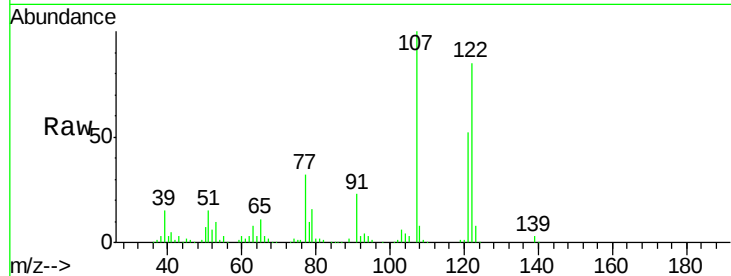




#27  
 2,4-Dimethylphenol  
 Concen: 53.868 ng  
 RT: 10.92 min Scan# 1298  
 Delta R.T. 0.01 min  
 Lab File: BG033120.D  
 Acq: 13 Mar 2018 15:48

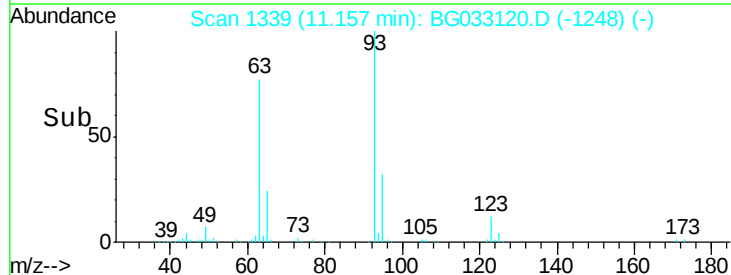
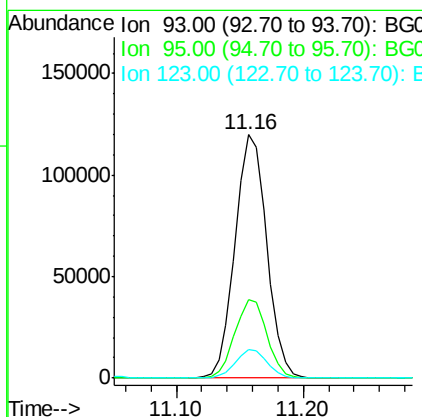
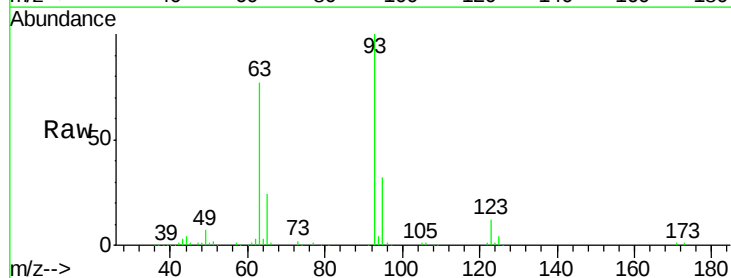
Instrument :  
 BNA\_G  
 ClientSampled :

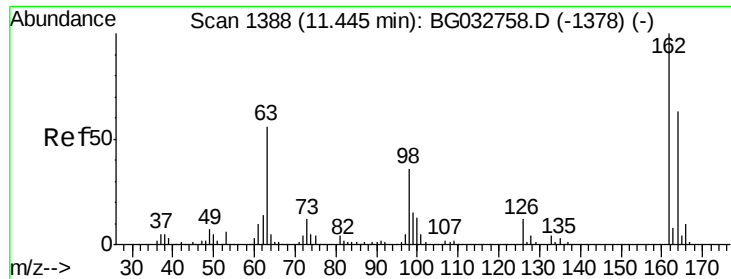
Tot Ion:122 Resp: 169402  
 Ion Ratio Lower Upper  
 122 100  
 107 117.3 100.2 150.2  
 121 61.3 44.4 66.6



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 49.145 ng  
 RT: 11.16 min Scan# 1339  
 Delta R.T. 0.00 min  
 Lab File: BG033120.D  
 Acq: 13 Mar 2018 15:48

Tgt Ion: 93 Resp: 207258  
 Ion Ratio Lower Upper  
 93 100  
 95 32.1 24.3 36.5  
 123 11.7 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 53.643 ng

RT: 11.43 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

Instrument :

BNA\_G

ClientSampleId :

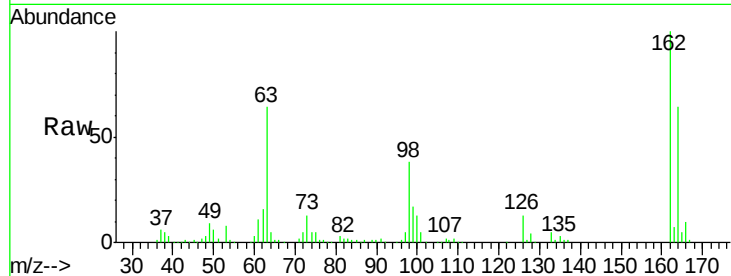
Tot Ion:162 Resp: 153106

Ion Ratio Lower Upper

162 100

164 63.9 48.0 88.0

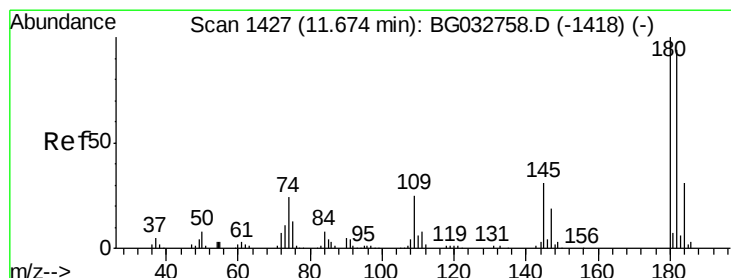
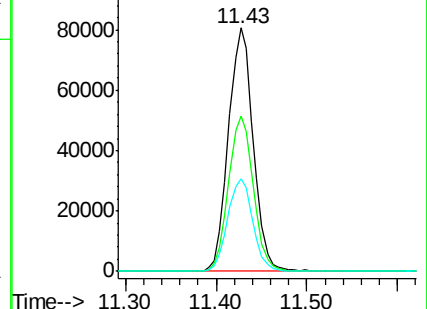
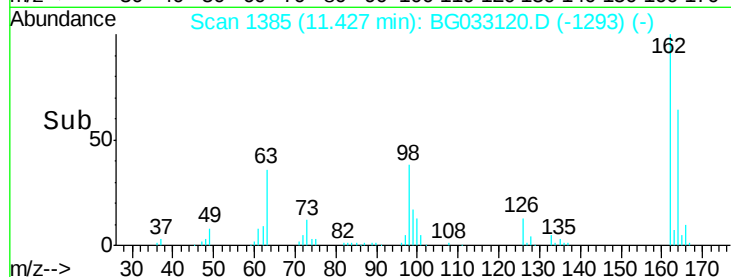
98 38.0 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 46.683 ng

RT: 11.66 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

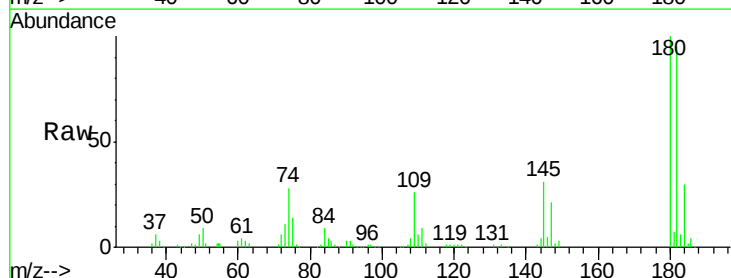
Tgt Ion:180 Resp: 156189

Ion Ratio Lower Upper

180 100

182 94.6 77.5 116.3

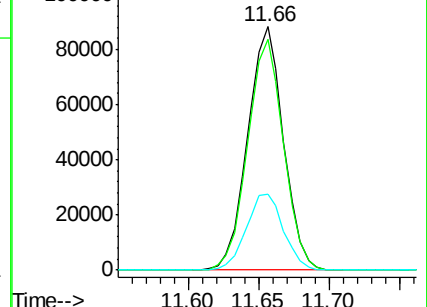
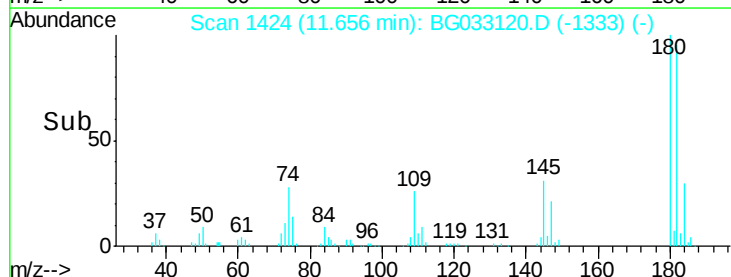
145 30.9 23.4 35.2

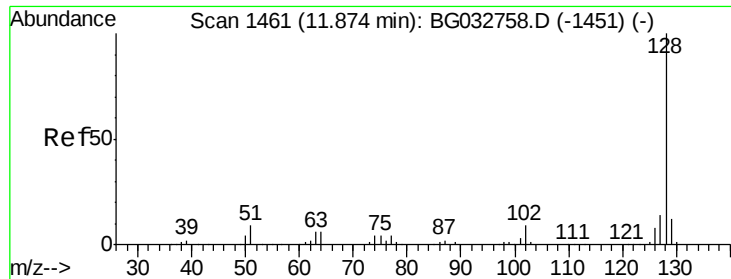


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

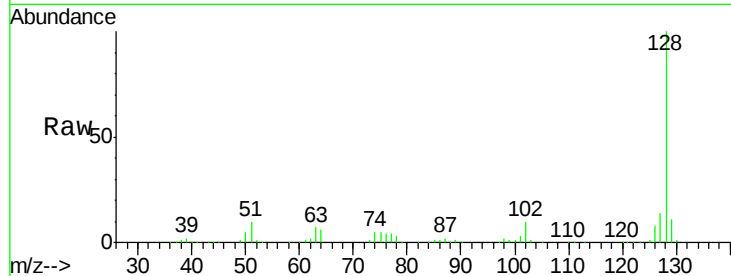




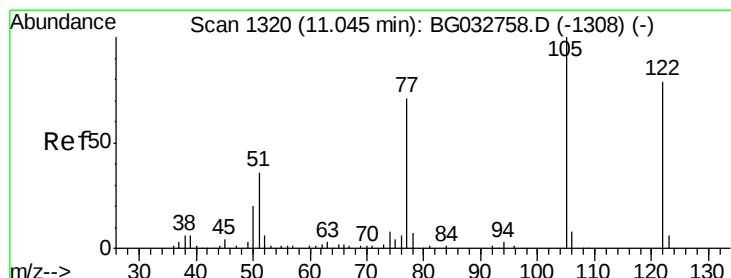
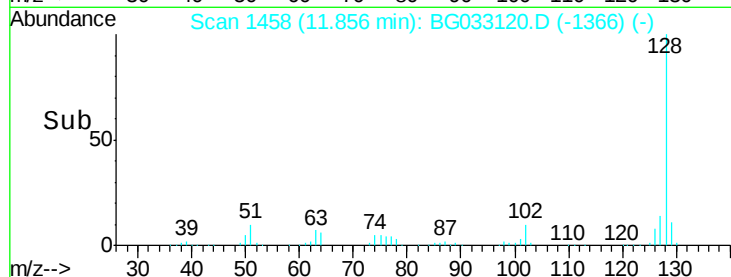
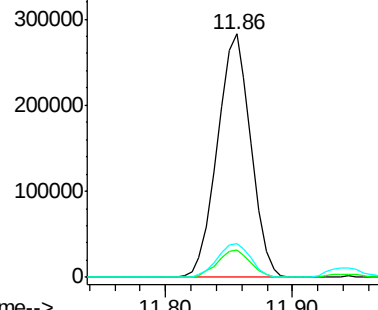
#31  
Naphthalene  
Concen: 47.981 ng  
RT: 11.86 min Scan# 1458  
Delta R.T. 0.01 min  
Lab File: BG033120.D  
Acq: 13 Mar 2018 15:48

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:128 Resp: 517103  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.6 12.8  
127 13.8 11.6 17.4

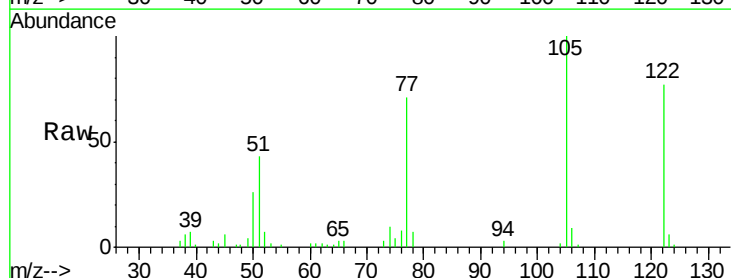


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

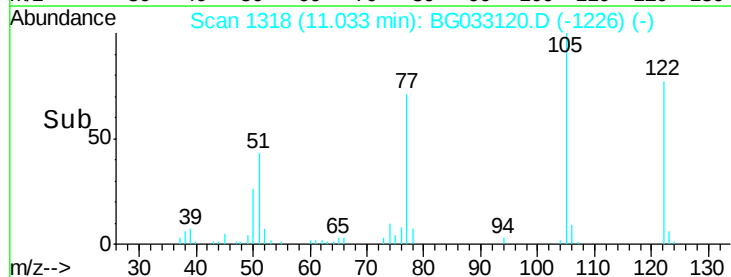
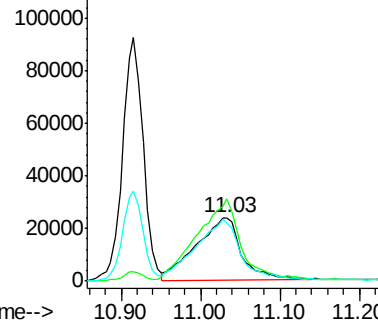


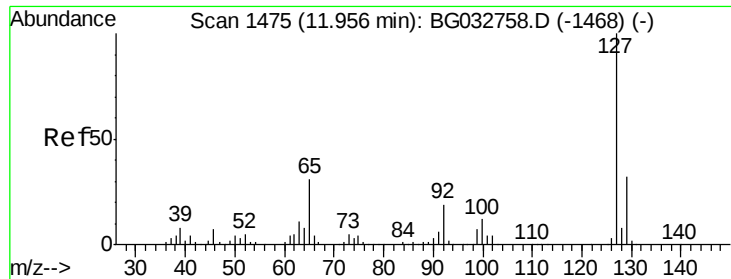
#32  
Benzoic acid  
Concen: 47.962 ng  
RT: 11.03 min Scan# 1318  
Delta R.T. 0.01 min  
Lab File: BG033120.D  
Acq: 13 Mar 2018 15:48

Tgt Ion:122 Resp: 93938  
Ion Ratio Lower Upper  
122 100  
105 129.2 123.5 163.5  
77 92.0 85.7 125.7



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BG

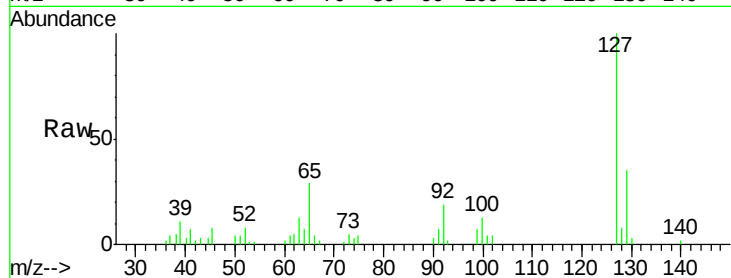




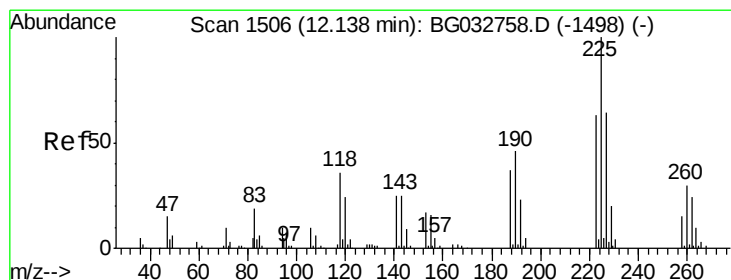
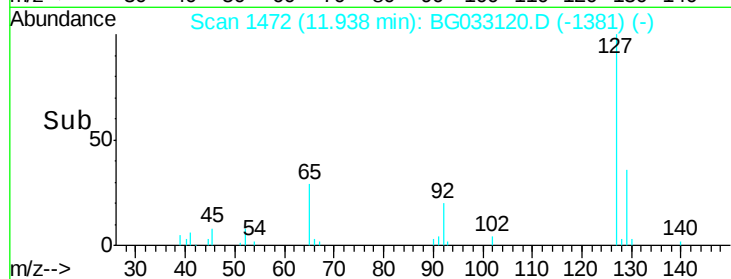
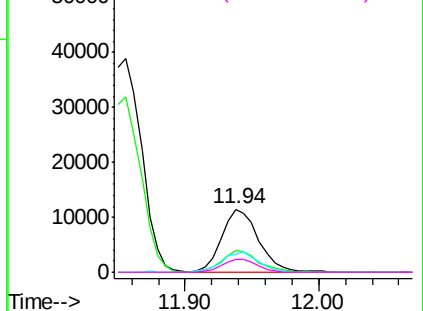
#33  
4-Chloroaniline  
Concen: 4.579 ng  
RT: 11.94 min Scan# 1472  
Delta R.T. 0.00 min  
Lab File: BG033120.D  
Acq: 13 Mar 2018 15:48

Instrument :  
BNA\_G  
ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 22066 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 35.2  | 24.0  | 36.0  |
| 65       | 28.8  | 27.0  | 40.4  |
| 92       | 19.5  | 16.6  | 25.0  |

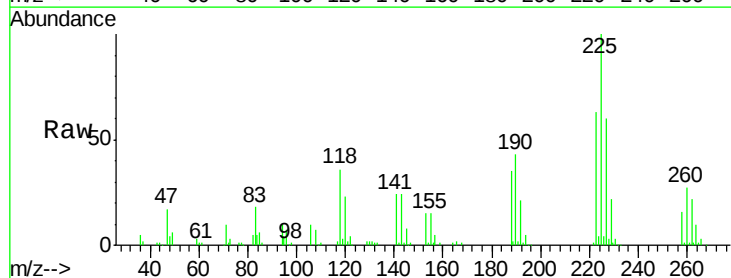


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC

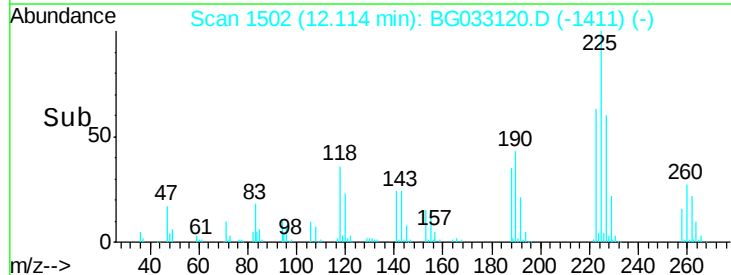
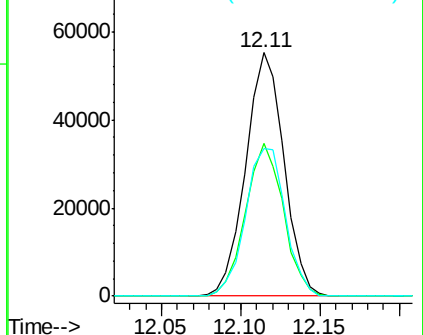


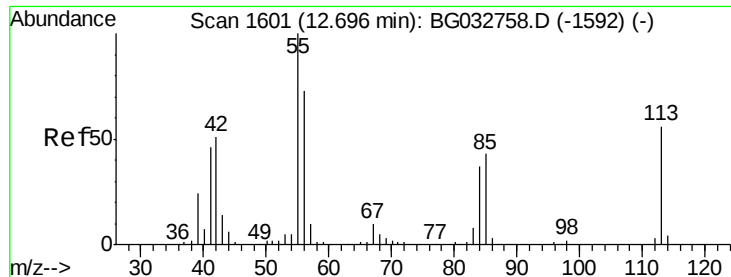
#34  
Hexachlorobutadiene  
Concen: 49.377 ng  
RT: 12.11 min Scan# 1502  
Delta R.T. 0.00 min  
Lab File: BG033120.D  
Acq: 13 Mar 2018 15:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 92664 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 62.6  | 49.7  | 74.5  |
| 227      | 60.4  | 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: 42.617 ng

RT: 12.68 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

Instrument :

BNA\_G

ClientSampleId :

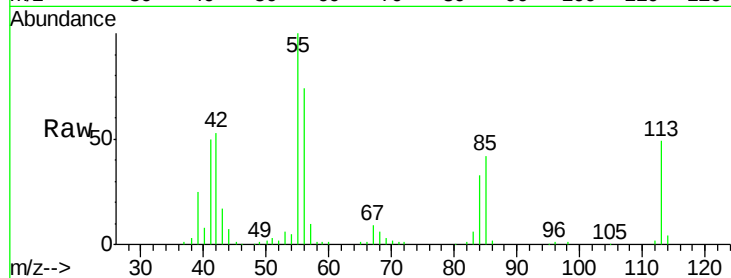
Tot Ion:113 Resp: 48705

Ion Ratio Lower Upper

113 100

55 205.5 186.9 226.9

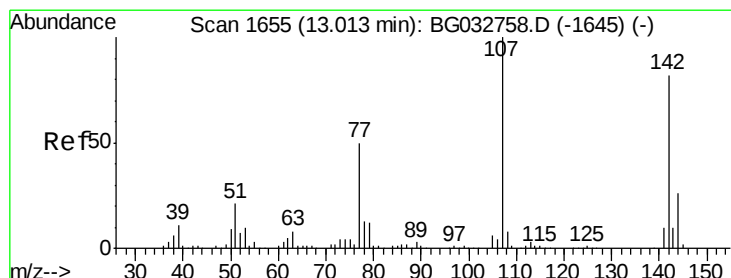
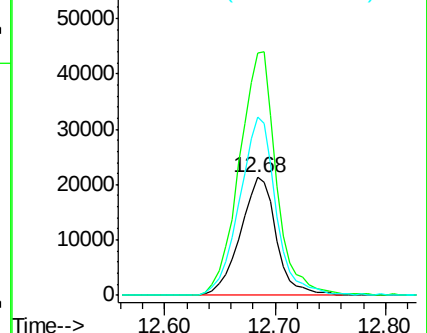
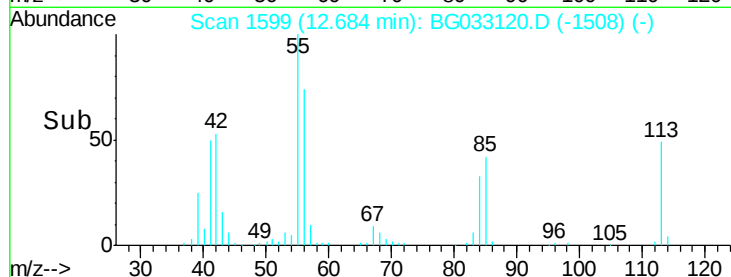
56 151.9 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 55.197 ng

RT: 13.00 min Scan# 1653

Delta R.T. 0.01 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

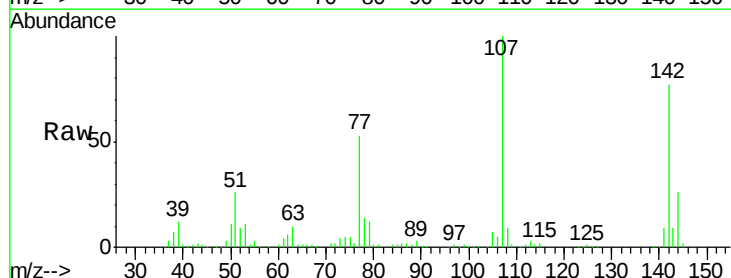
Tgt Ion:107 Resp: 183335

Ion Ratio Lower Upper

107 100

144 26.5 18.2 27.4

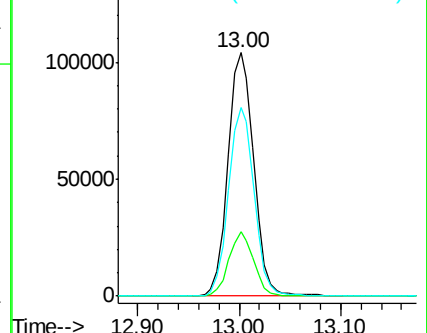
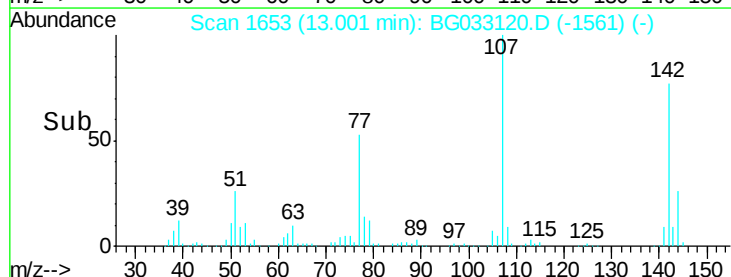
142 77.4 59.0 88.4

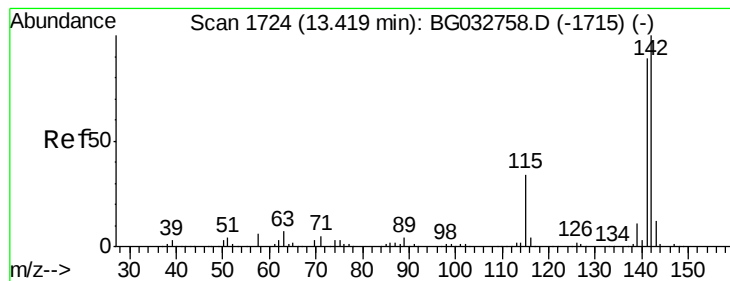


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.884 ng

RT: 13.40 min Scan# 1721

Delta R.T. 0.00 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

Instrument :

BNA\_G

ClientSampleId :

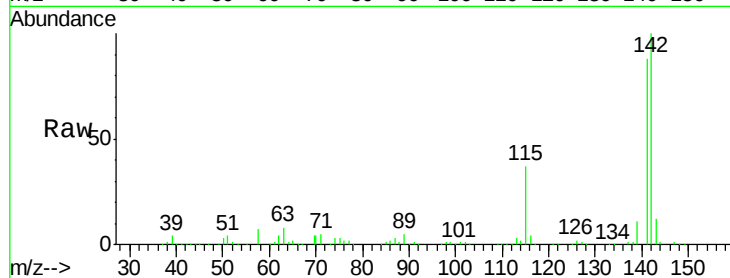
Tot Ion:142 Resp: 373356

Ion Ratio Lower Upper

142 100

141 88.3 67.1 100.7

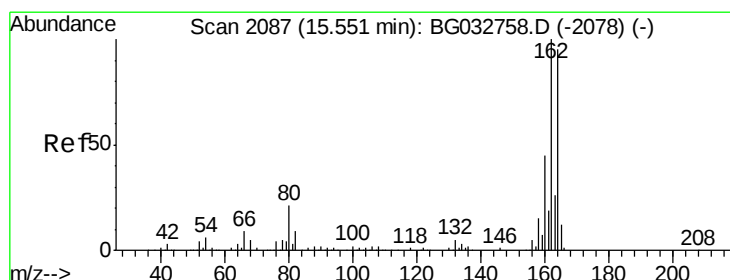
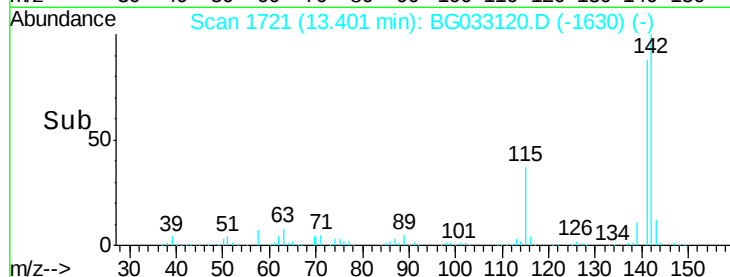
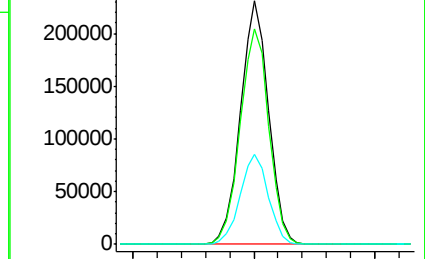
115 36.7 30.7 46.1



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.53 min Scan# 2083

Delta R.T. -0.00 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

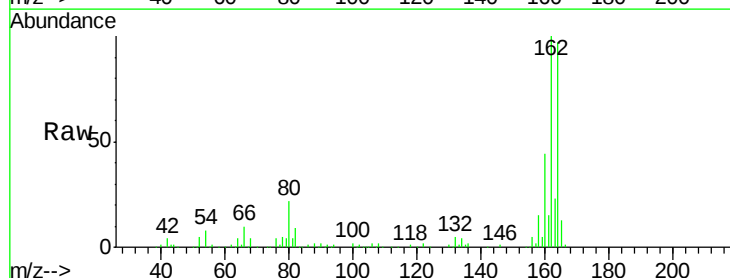
Tgt Ion:164 Resp: 115018

Ion Ratio Lower Upper

164 100

162 103.5 78.8 118.2

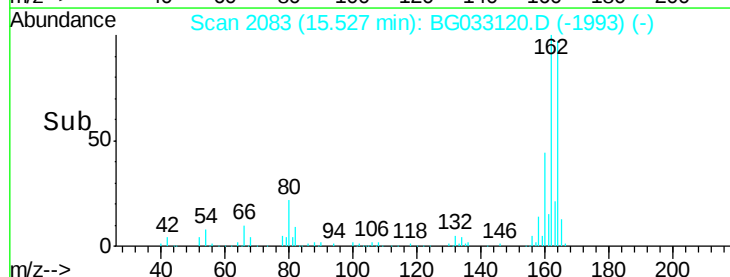
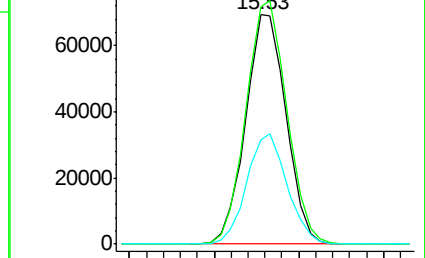
160 45.3 35.4 53.0

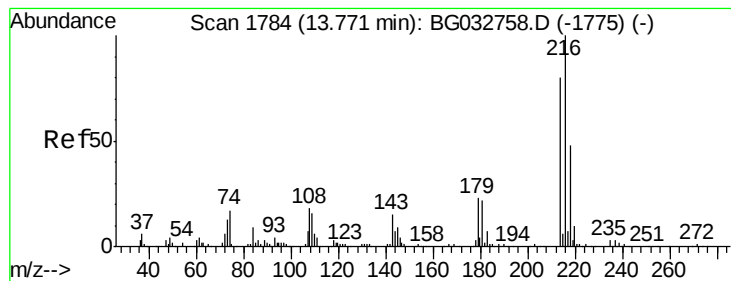


Abundance Ion 164.00 (163.70 to 164.70): E

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: 48.888 ng

RT: 13.75 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:216 Resp: 166919

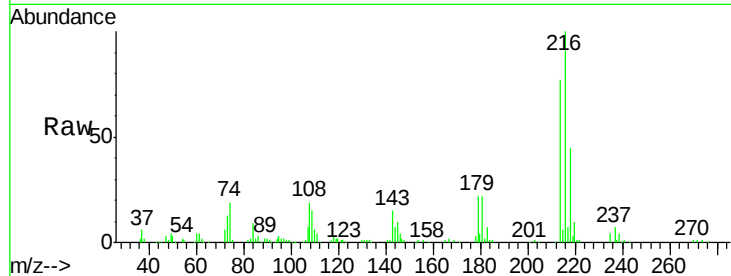
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 79.0  | 63.0  | 94.4  |
| 179 | 22.9  | 17.0  | 25.6  |
| 108 | 23.1  | 12.8  | 19.2  |

216 100

214 79.0 63.0 94.4

179 22.9 17.0 25.6

108 23.1 12.8 19.2

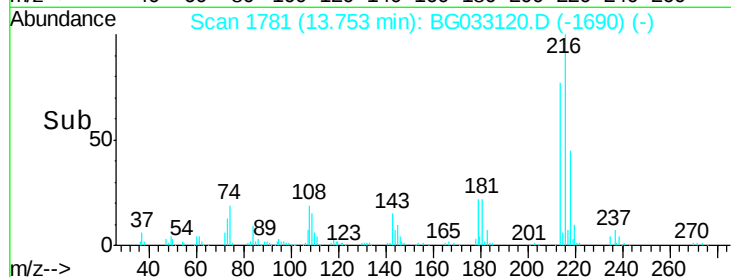


Abundance Ion 216.00 (215.70 to 216.70): E

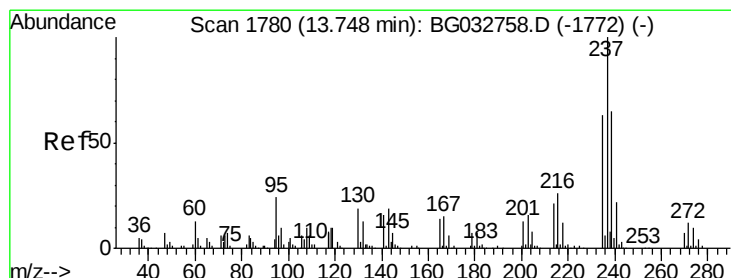
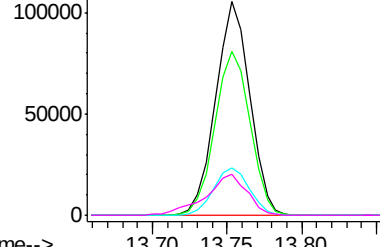
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 120.127 ng

RT: 13.73 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

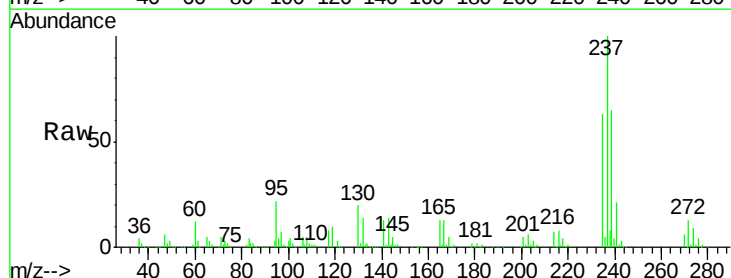
Tgt Ion:237 Resp: 209029

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 237 | 100   |       |       |
| 235 | 63.5  | 50.4  | 90.4  |
| 272 | 13.3  | 0.0   | 31.8  |

237 100

235 63.5 50.4 90.4

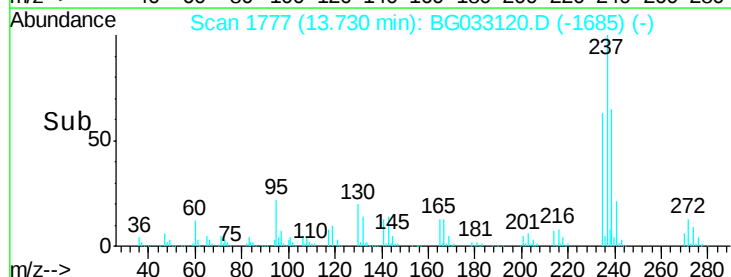
272 13.3 0.0 31.8



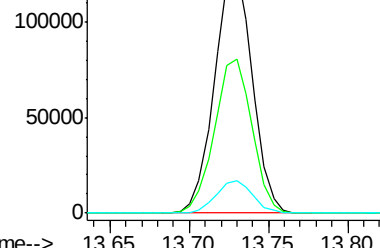
Abundance Ion 236.80 (236.50 to 237.50): E

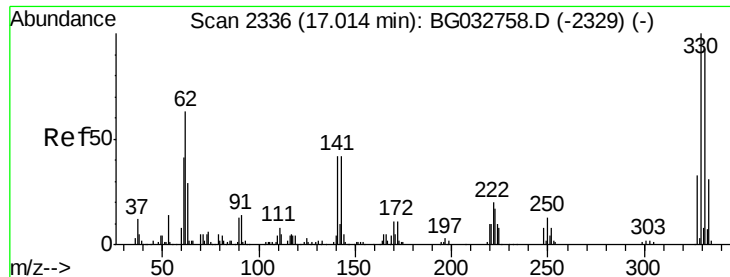
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

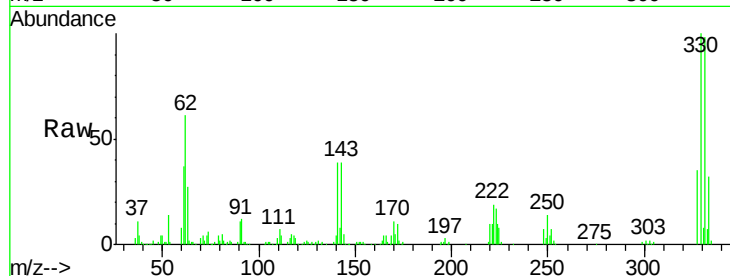




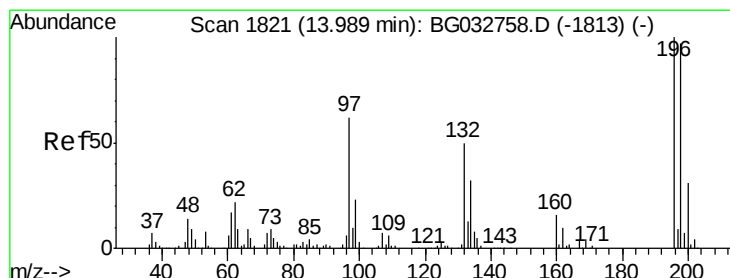
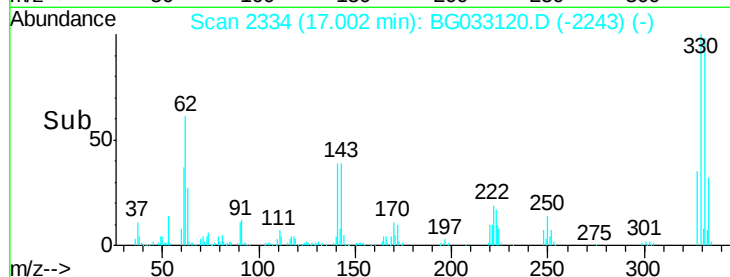
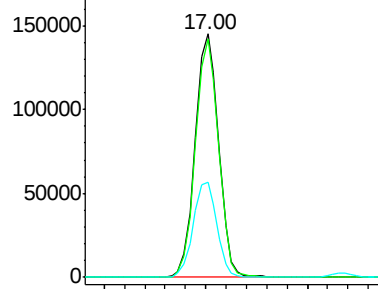
#41  
 2,4,6-Tribromophenol  
 Concen: 192.681 ng  
 RT: 17.00 min Scan# 2334  
 Delta R.T. 0.00 min  
 Lab File: BG033120.D  
 Acq: 13 Mar 2018 15:48

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:330 Resp: 233023  
 Ion Ratio Lower Upper  
 330 100  
 332 96.5 77.0 115.6  
 141 39.7 25.2 37.8#

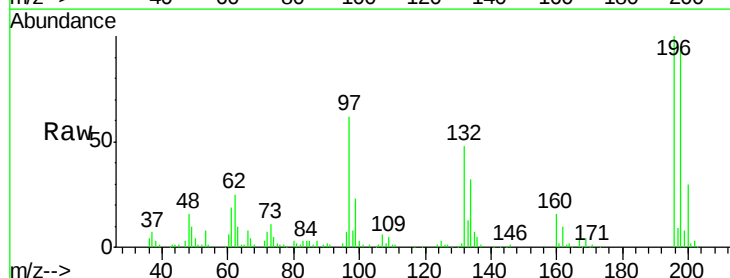


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

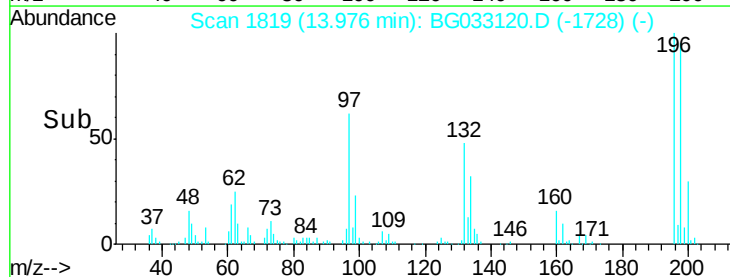
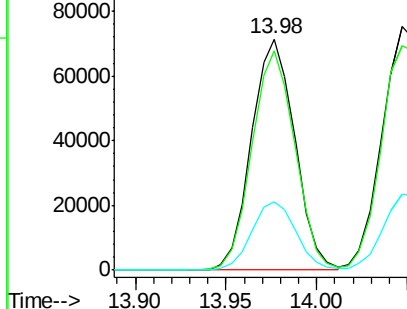


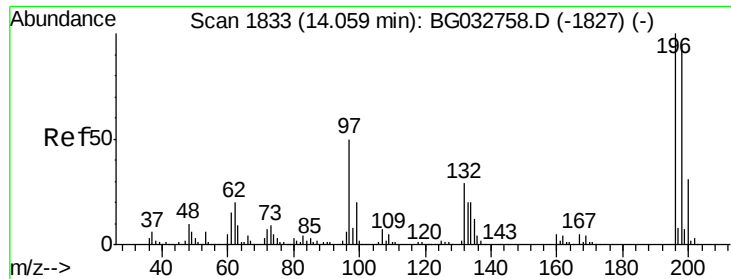
#42  
 2,4,6-Trichlorophenol  
 Concen: 54.989 ng  
 RT: 13.98 min Scan# 1819  
 Delta R.T. 0.00 min  
 Lab File: BG033120.D  
 Acq: 13 Mar 2018 15:48

Tgt Ion:196 Resp: 118403  
 Ion Ratio Lower Upper  
 196 100  
 198 94.7 78.2 117.2  
 200 29.6 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

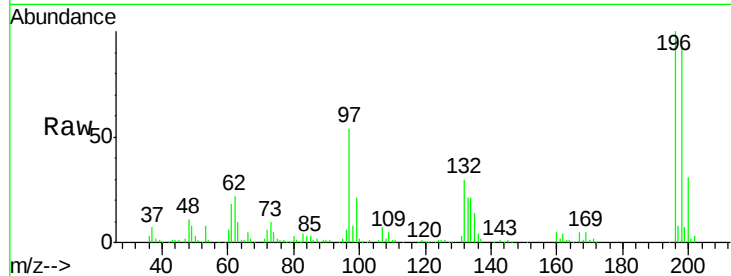




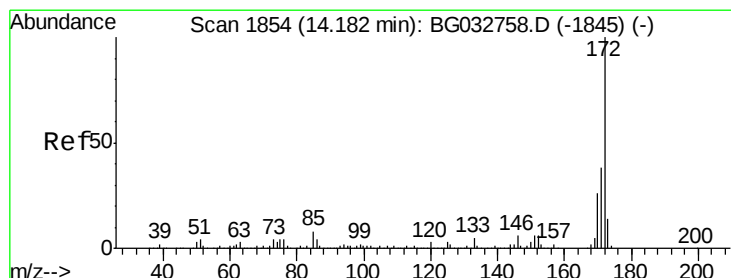
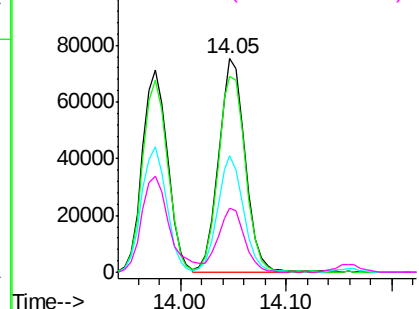
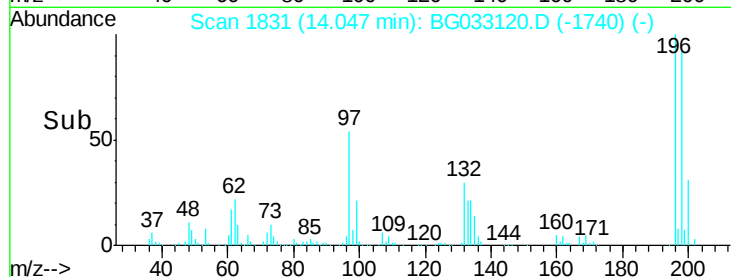
#43  
 2,4,5-Trichlorophenol  
 Concen: 52.705 ng  
 RT: 14.05 min Scan# 1831  
 Delta R.T. 0.00 min  
 Lab File: BG033120.D  
 Acq: 13 Mar 2018 15:48

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion   | 196  | Resp  | 131346 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 196       | 100  |       |        |
| 198       | 91.9 | 76.2  | 114.4  |
| 97        | 54.4 | 38.7  | 58.1   |
| 132       | 30.0 | 20.2  | 30.2   |

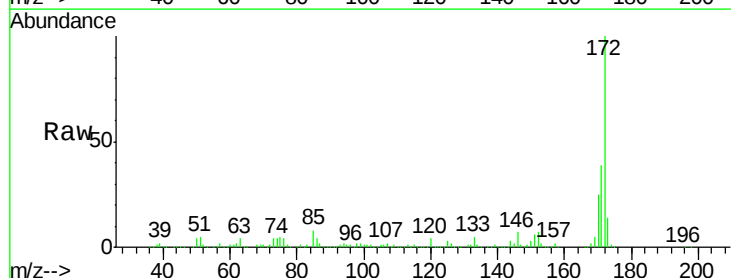


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BG  
 Ion 132.00 (131.70 to 132.70): E

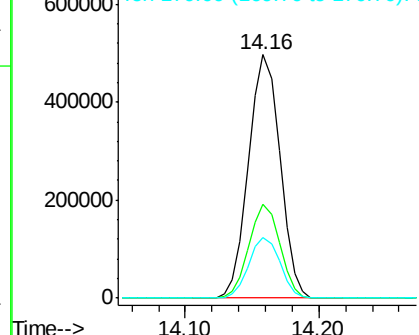
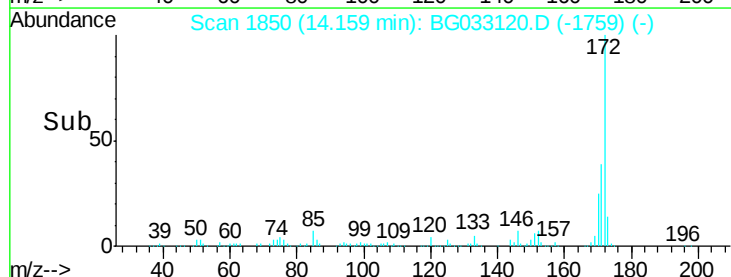


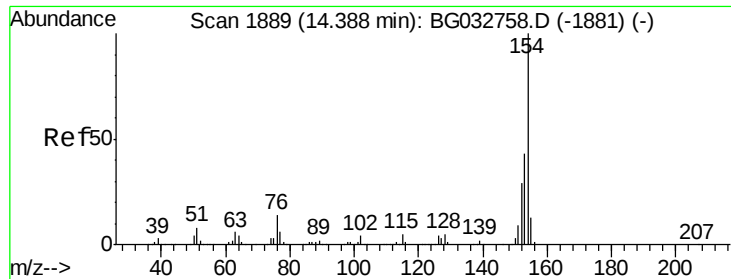
#44  
 2-Fluorobiphenyl  
 Concen: 101.421 ng  
 RT: 14.16 min Scan# 1850  
 Delta R.T. 0.00 min  
 Lab File: BG033120.D  
 Acq: 13 Mar 2018 15:48

| Tgt Ion   | 172  | Resp  | 808823 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 172       | 100  |       |        |
| 171       | 38.6 | 30.0  | 45.0   |
| 170       | 24.7 | 19.5  | 29.3   |



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

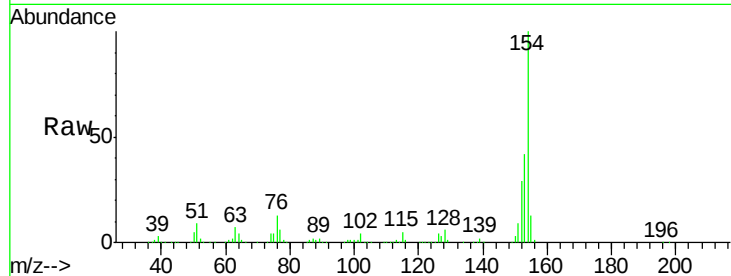




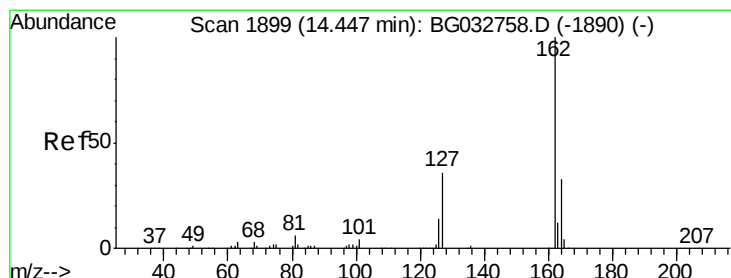
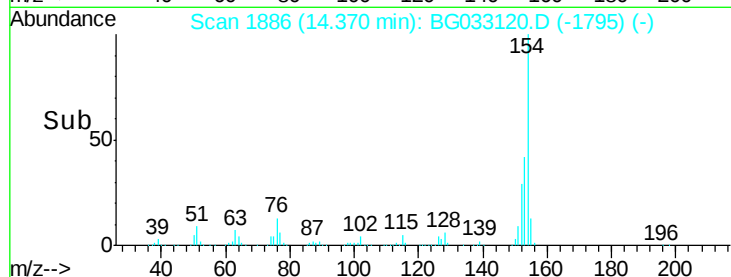
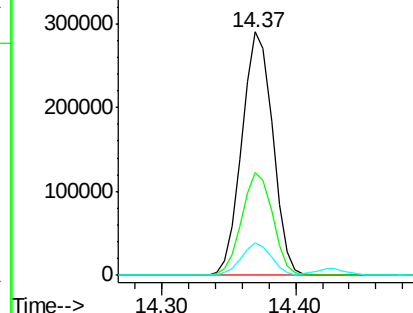
#45  
 1,1'-Biphenyl  
 Concen: 46.064 ng  
 RT: 14.37 min Scan# 1886  
 Delta R.T. 0.00 min  
 Lab File: BG033120.D  
 Acq: 13 Mar 2018 15:48

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.4  | 19.8  | 59.8  |
| 76      | 13.3  | 0.0   | 31.9  |

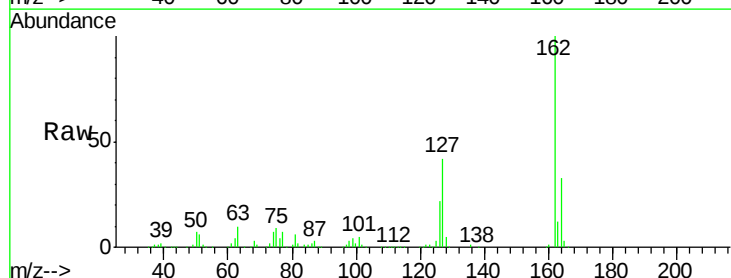


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BGC

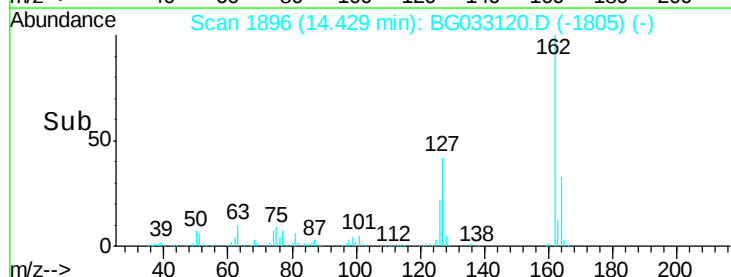
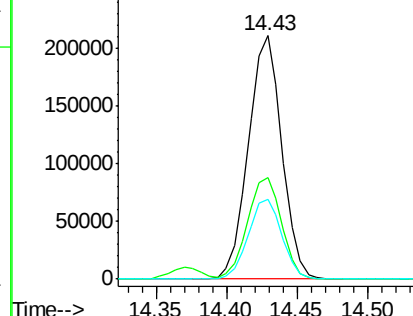


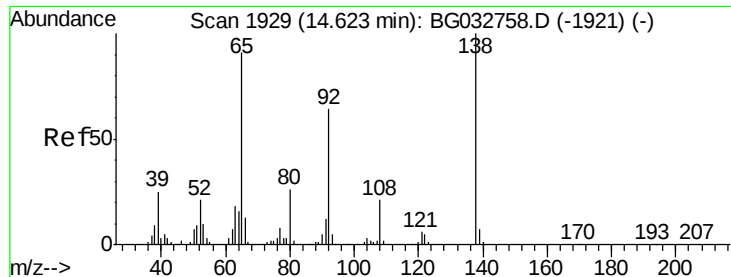
#46  
 2-Chloronaphthalene  
 Concen: 46.561 ng  
 RT: 14.43 min Scan# 1896  
 Delta R.T. 0.00 min  
 Lab File: BG033120.D  
 Acq: 13 Mar 2018 15:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 41.7  | 30.7  | 46.1  |
| 164     | 32.9  | 26.0  | 39.0  |



Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

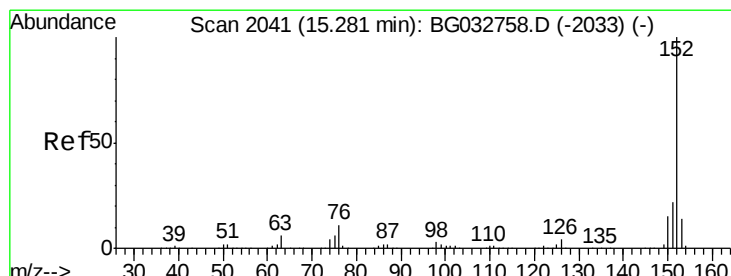
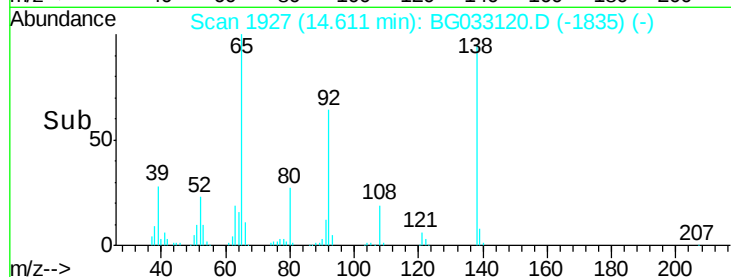
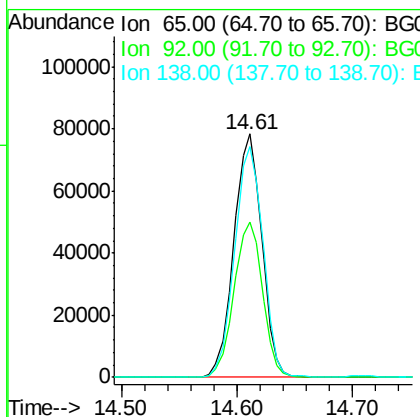
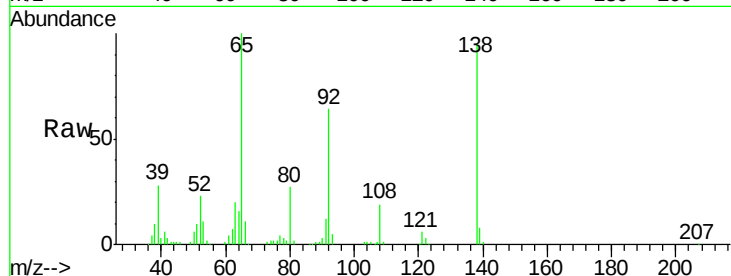




#47  
2-Nitroaniline  
Concen: 65.112 ng  
RT: 14.61 min Scan# 1927  
Delta R.T. 0.01 min  
Lab File: BG033120.D  
Acq: 13 Mar 2018 15:48

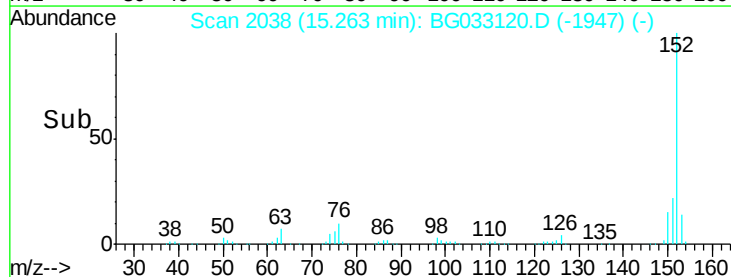
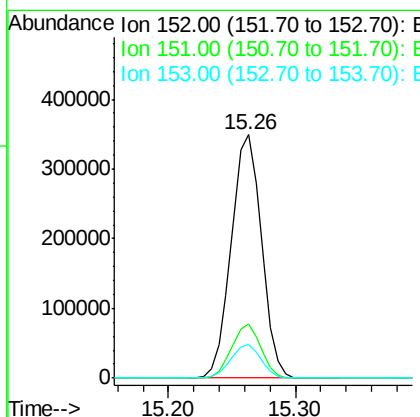
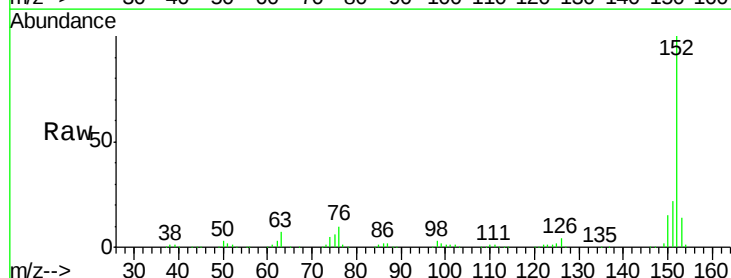
Instrument :  
BNA\_G  
ClientSampled :

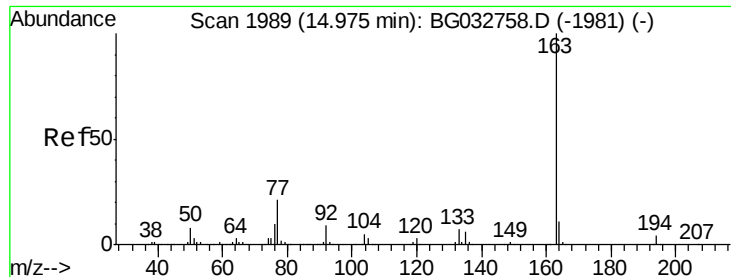
Tot Ion: 65 Resp: 131636  
Ion Ratio Lower Upper  
65 100  
92 63.6 54.6 82.0  
138 94.9 72.9 109.3



#48  
Acenaphthylene  
Concen: 46.790 ng  
RT: 15.26 min Scan# 2038  
Delta R.T. 0.00 min  
Lab File: BG033120.D  
Acq: 13 Mar 2018 15:48

Tgt Ion: 152 Resp: 575143  
Ion Ratio Lower Upper  
152 100  
151 22.1 17.2 25.8  
153 13.7 10.2 15.4





#49

Dimethylphthalate

Concen: 46.928 ng

RT: 14.96 min Scan# 1986

Delta R.T. 0.01 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

Instrument :

BNA\_G

ClientSampleId :

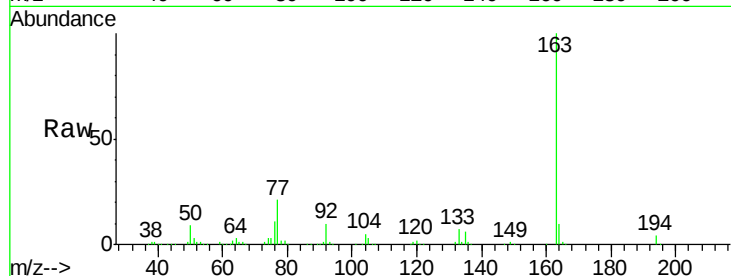
Tot Ion:163 Resp: 458299

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

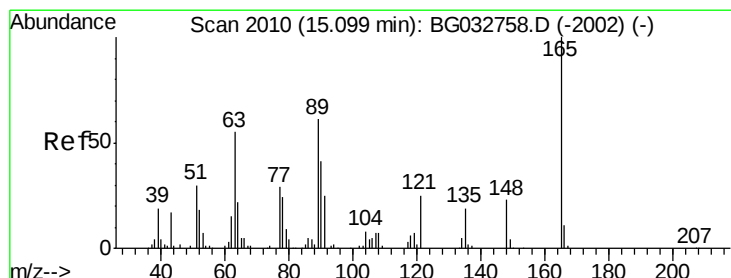
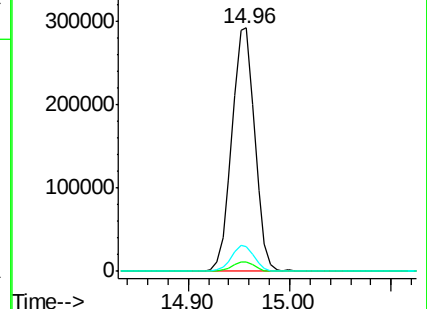
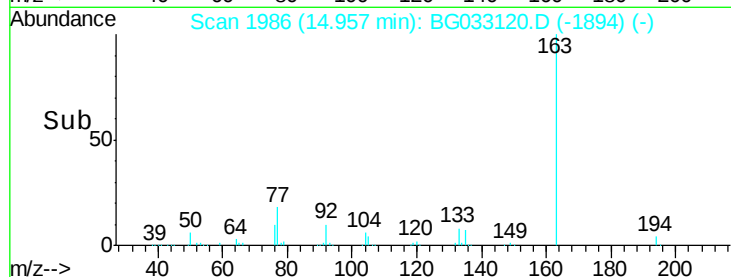
164 10.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 61.126 ng

RT: 15.09 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

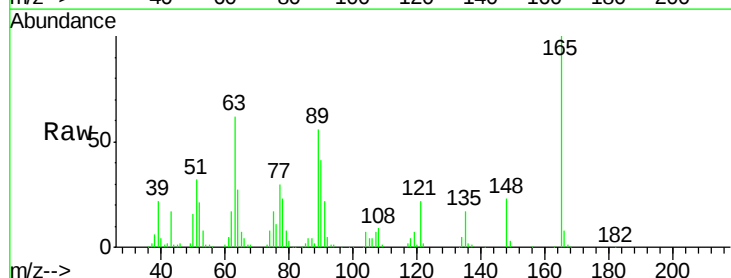
Tgt Ion:165 Resp: 103636

Ion Ratio Lower Upper

165 100

63 61.9 52.7 79.1

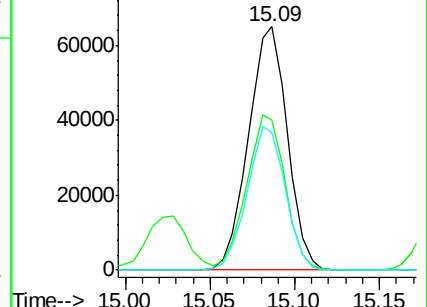
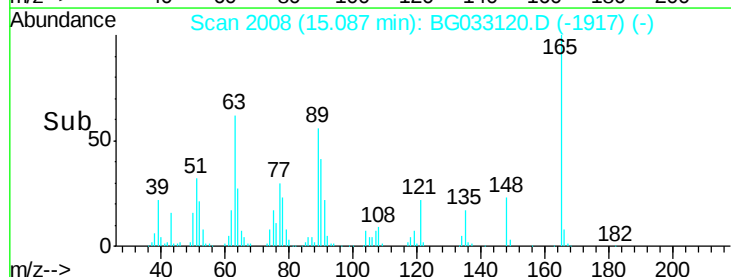
89 56.5 49.2 73.8

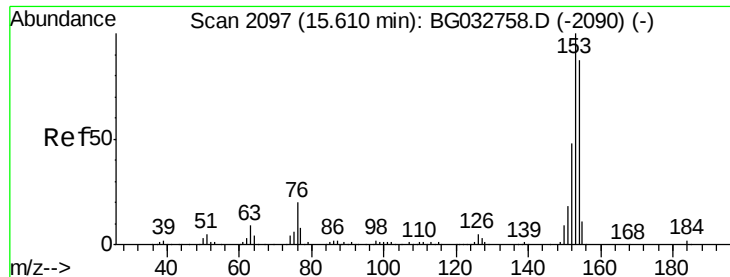


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 52.773 ng

RT: 15.60 min Scan# 2095

Delta R.T. 0.00 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

Instrument :

BNA\_G

ClientSampleId :

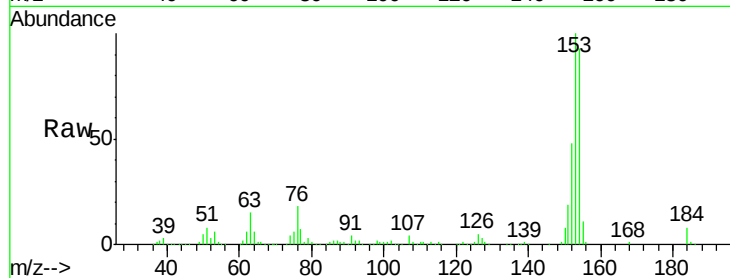
Tot Ion:154 Resp: 403990

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 107.8 | 90.4  | 135.6 |
| 152 | 51.3  | 41.6  | 62.4  |

154 100

153 107.8 90.4 135.6

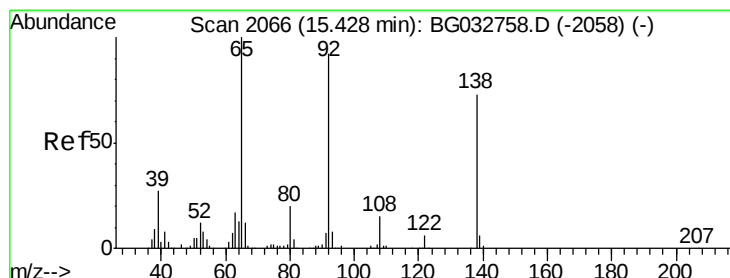
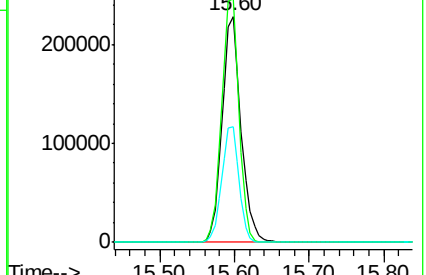
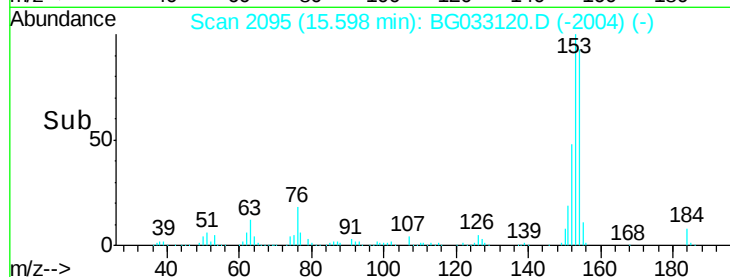
152 51.3 41.6 62.4



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



#52

3-Nitroaniline

Concen: 16.148 ng

RT: 15.42 min Scan# 2064

Delta R.T. 0.00 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

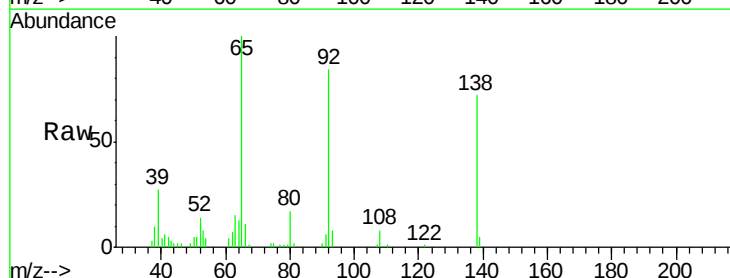
Tgt Ion:138 Resp: 20415

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 138 | 100   |       |       |
| 108 | 11.8  | 17.5  | 26.3# |
| 92  | 116.6 | 105.8 | 158.8 |

138 100

108 11.8 17.5 26.3#

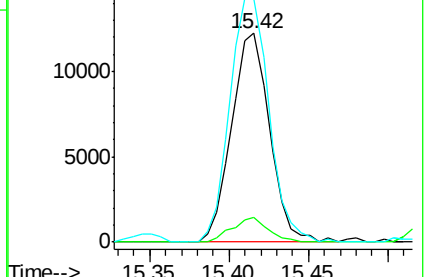
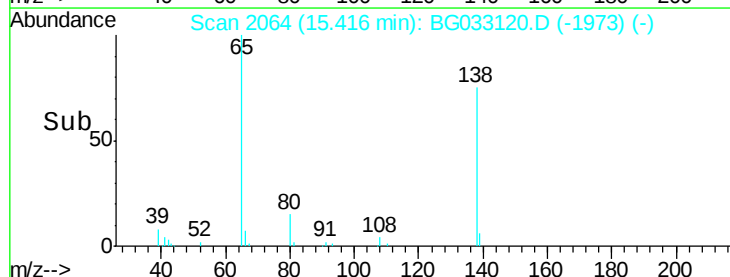
92 116.6 105.8 158.8

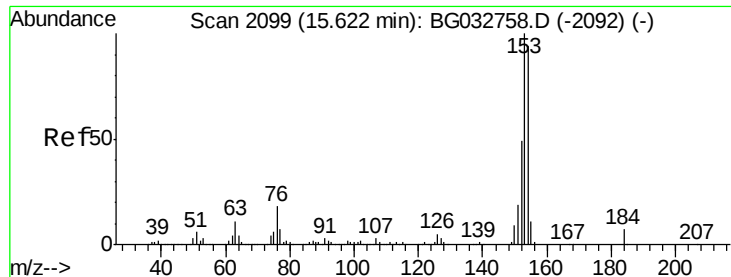


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

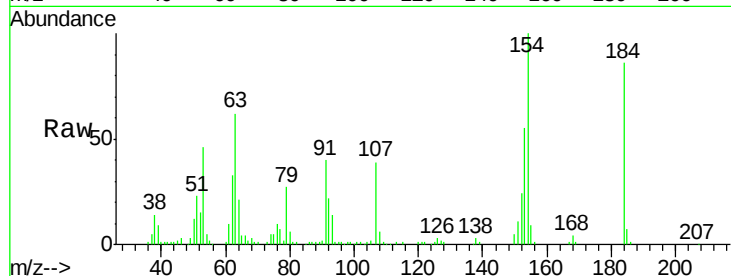




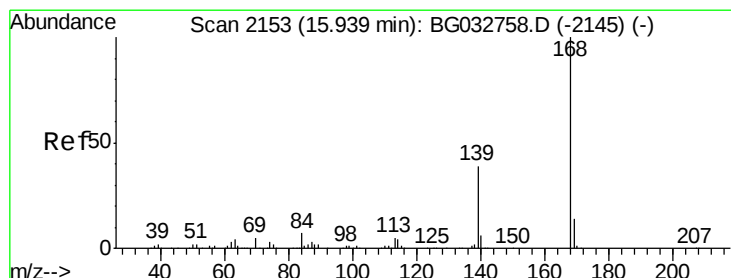
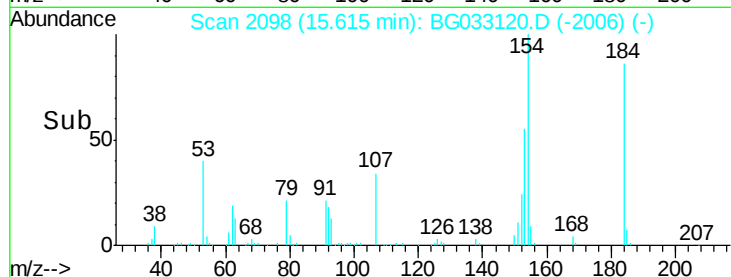
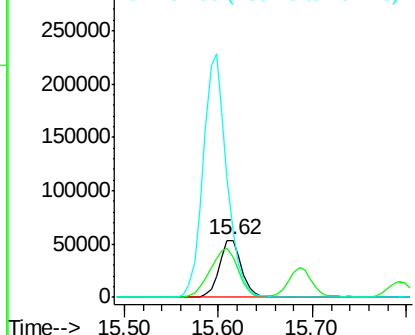
#53  
2,4-Dinitrophenol  
Concen: 139.349 ng  
RT: 15.62 min Scan# 2098  
Delta R.T. 0.01 min  
Lab File: BG033120.D  
Acq: 13 Mar 2018 15:48

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:184 Resp: 91084  
Ion Ratio Lower Upper  
184 100  
63 71.3 59.8 89.8  
154 115.9 101.8 152.8

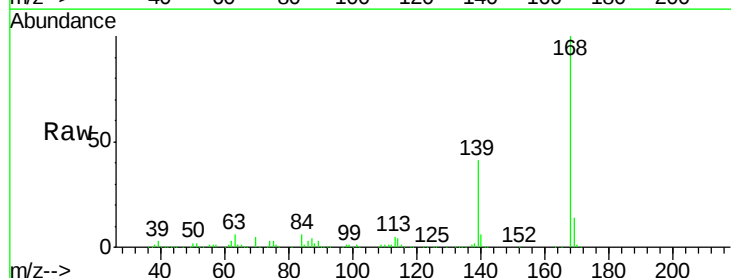


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 154.00 (153.70 to 154.70): E

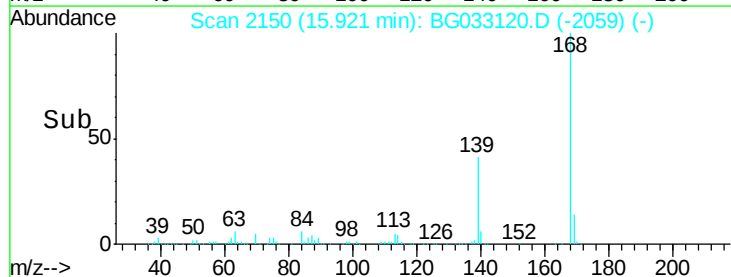
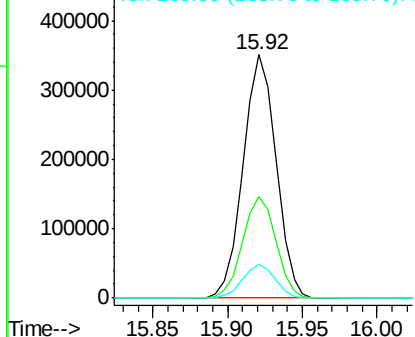


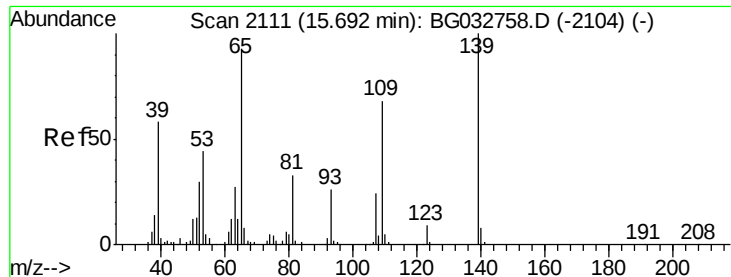
#54  
Dibenzofuran  
Concen: 49.080 ng  
RT: 15.92 min Scan# 2150  
Delta R.T. 0.00 min  
Lab File: BG033120.D  
Acq: 13 Mar 2018 15:48

Tgt Ion:168 Resp: 534983  
Ion Ratio Lower Upper  
168 100  
139 41.5 28.6 43.0  
169 13.8 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

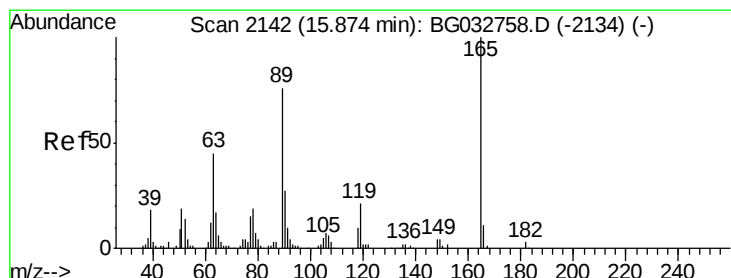
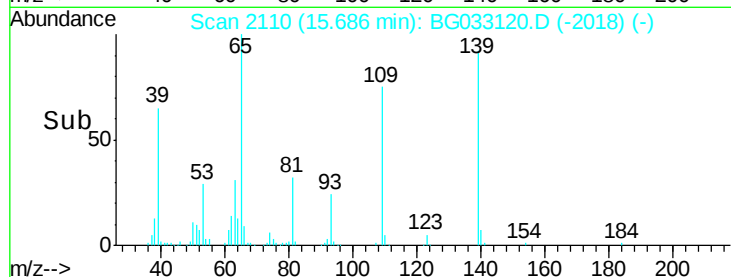
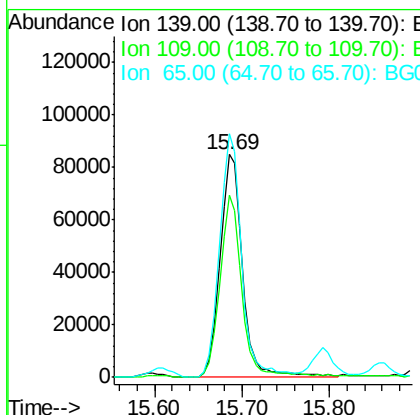
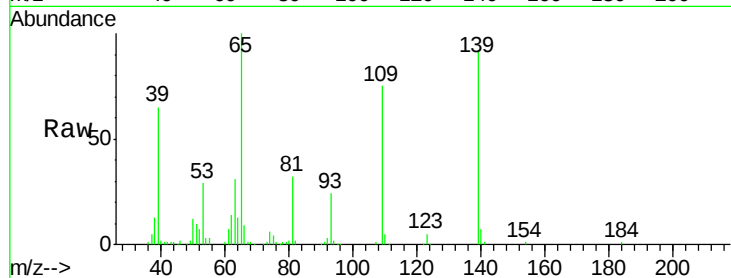




#55  
4-Nitrophenol  
Concen: 93.373 ng  
RT: 15.69 min Scan# 2110  
Delta R.T. 0.01 min  
Lab File: BG033120.D  
Acq: 13 Mar 2018 15:48

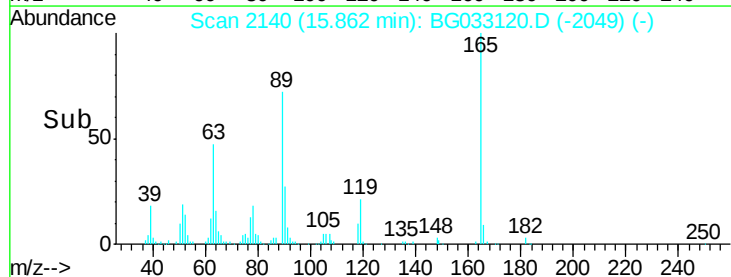
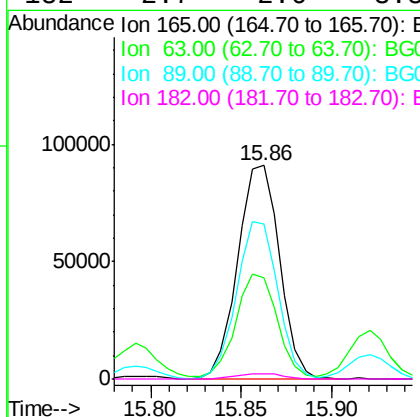
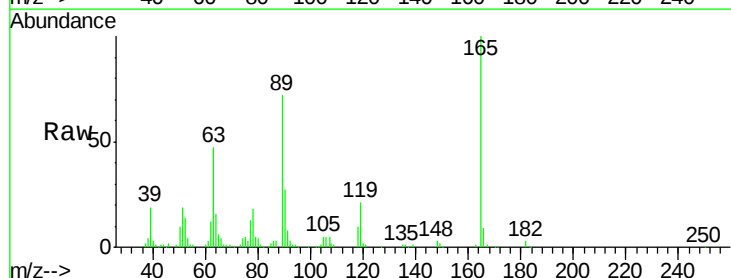
Instrument :  
BNA\_G  
ClientSampleId :

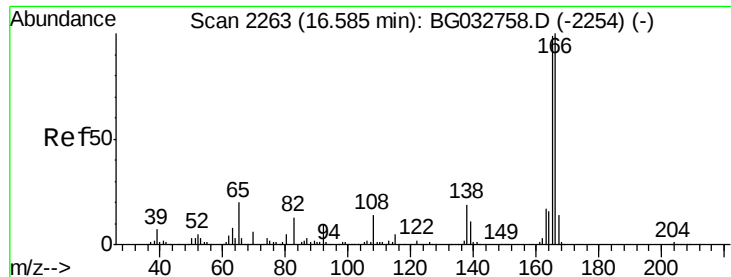
Tot Ion:139 Resp: 151405  
Ion Ratio Lower Upper  
139 100  
109 81.6 62.2 102.2  
65 109.2 97.2 137.2



#56  
2,4-Dinitrotoluene  
Concen: 69.152 ng  
RT: 15.86 min Scan# 2140  
Delta R.T. 0.00 min  
Lab File: BG033120.D  
Acq: 13 Mar 2018 15:48

Tgt Ion:165 Resp: 146904  
Ion Ratio Lower Upper  
165 100  
63 47.1 42.0 63.0  
89 72.4 66.9 100.3  
182 2.7 2.6 3.8





#57

Fluorene

Concen: 48.130 ng

RT: 16.56 min Scan# 2259

Delta R.T. -0.00 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

Instrument :

BNA\_G

ClientSampleId :

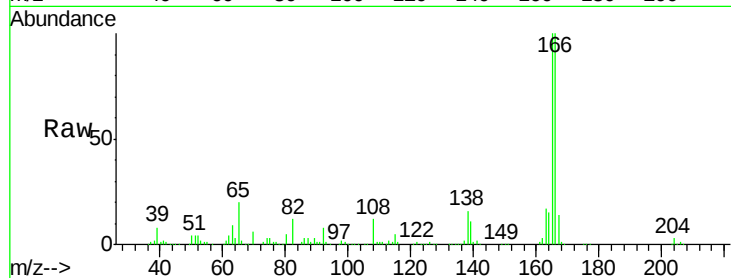
Tot Ion:166 Resp: 433012

Ion Ratio Lower Upper

166 100

165 100.3 80.6 121.0

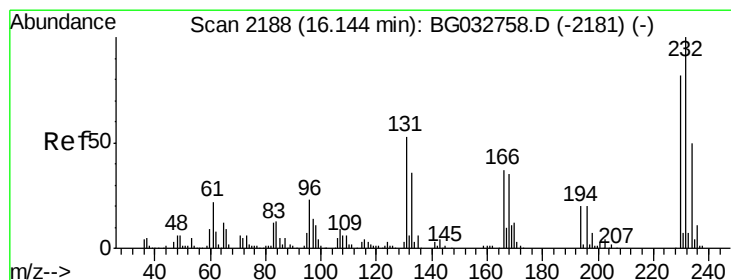
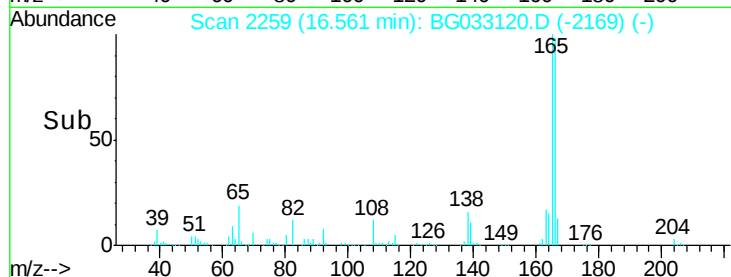
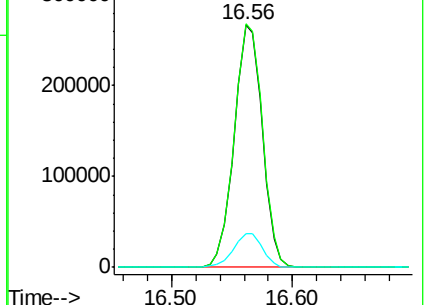
167 14.0 10.4 15.6



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: 58.172 ng

RT: 16.05 min Scan# 2172

Delta R.T. -0.08 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

Tgt Ion:232 Resp: 112554

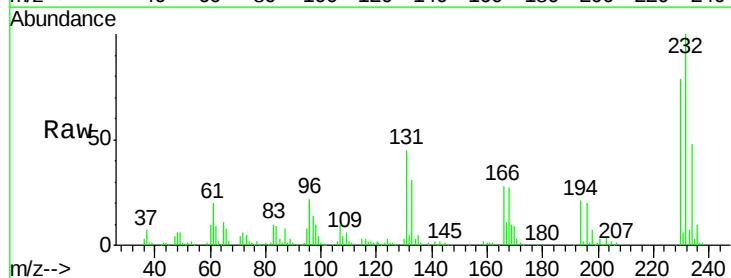
Ion Ratio Lower Upper

232 100

131 45.9 33.5 50.3

130 2.9 2.2 3.2

166 27.8 24.8 37.2

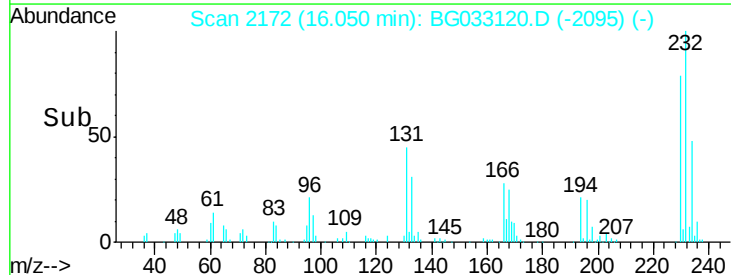
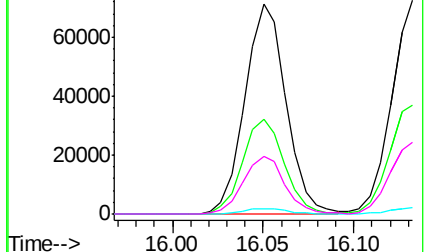


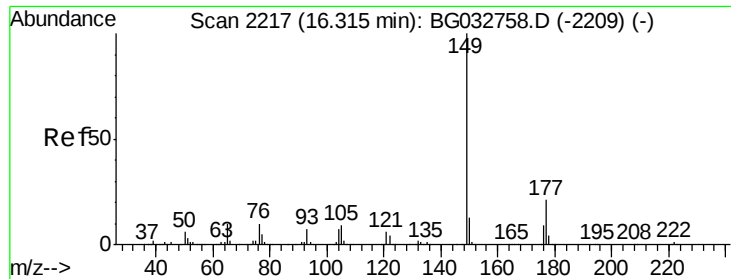
Abundance Ion 232.00 (231.70 to 232.70): E

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

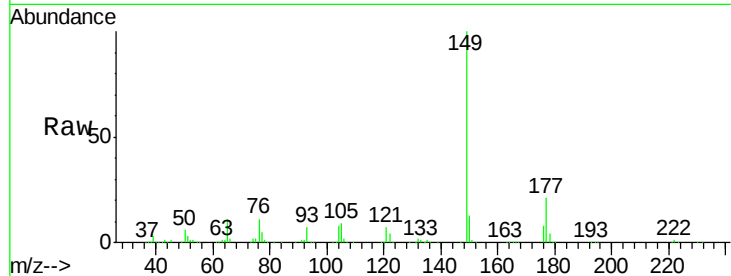




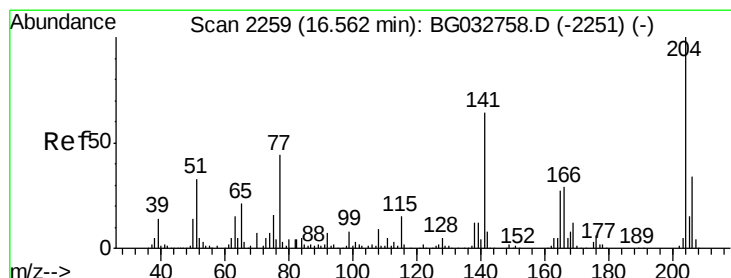
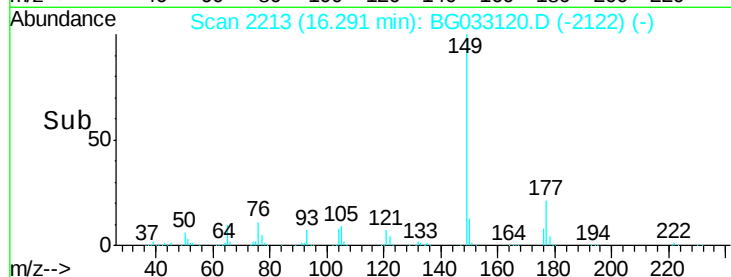
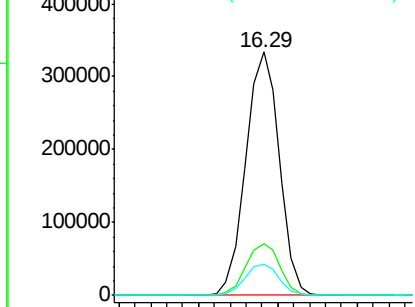
#59  
Diethylphthalate  
Concen: 47.556 ng  
RT: 16.29 min Scan# 2213  
Delta R.T. 0.00 min  
Lab File: BG033120.D  
Acq: 13 Mar 2018 15:48

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:149 Resp: 489863  
Ion Ratio Lower Upper  
149 100  
177 21.4 18.5 27.7  
150 13.0 10.2 15.2

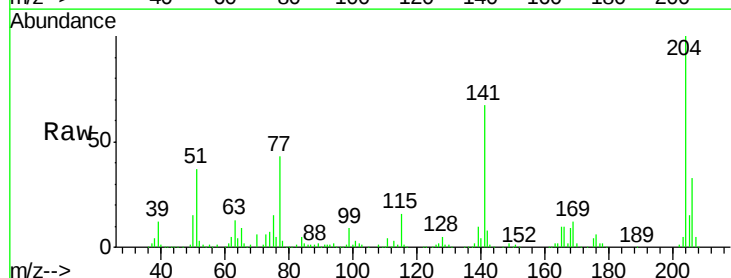


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

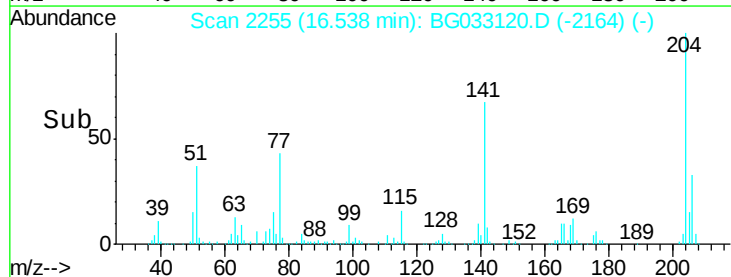
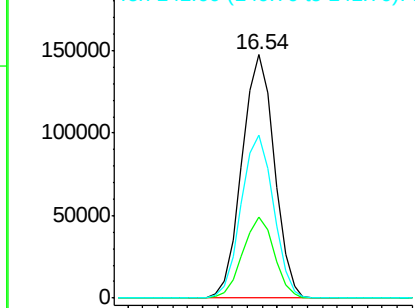


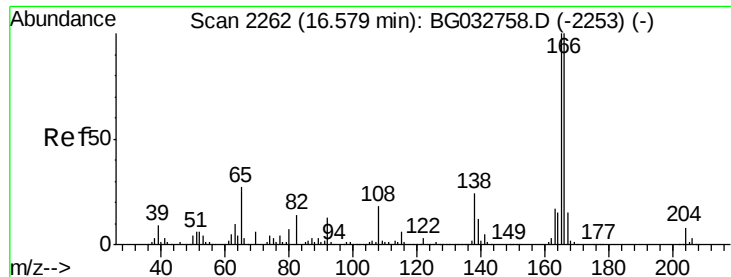
#60  
4-Chlorophenyl-phenylether  
Concen: 50.263 ng  
RT: 16.54 min Scan# 2255  
Delta R.T. 0.00 min  
Lab File: BG033120.D  
Acq: 13 Mar 2018 15:48

Tgt Ion:204 Resp: 221214  
Ion Ratio Lower Upper  
204 100  
206 33.0 26.2 39.2  
141 67.1 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

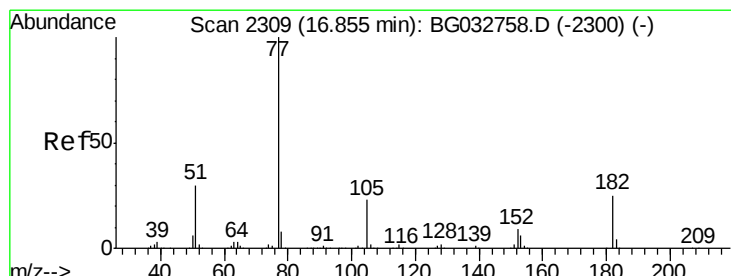
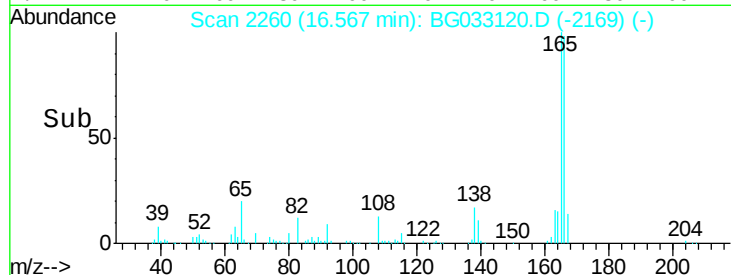
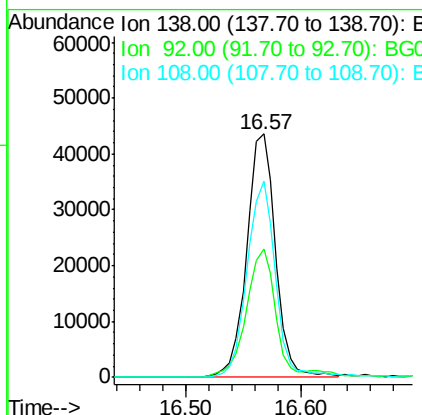
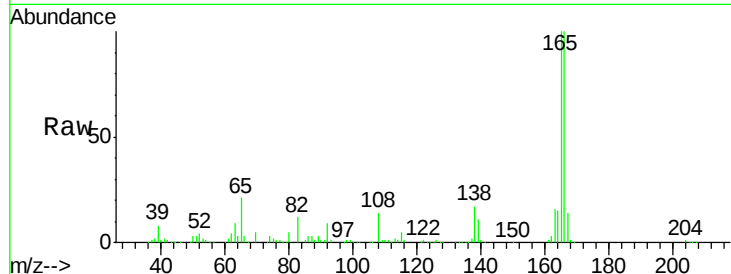




#61  
4-Nitroaniline  
Concen: 37.267 ng  
RT: 16.57 min Scan# 2260  
Delta R.T. 0.00 min  
Lab File: BG033120.D  
Acq: 13 Mar 2018 15:48

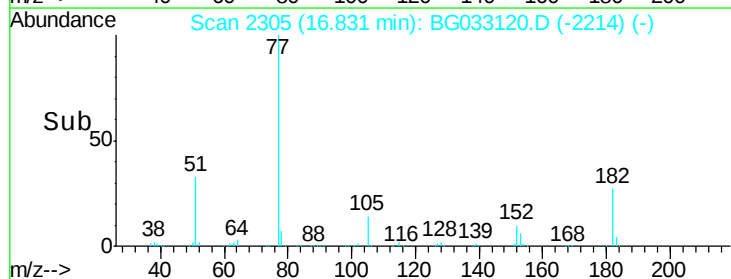
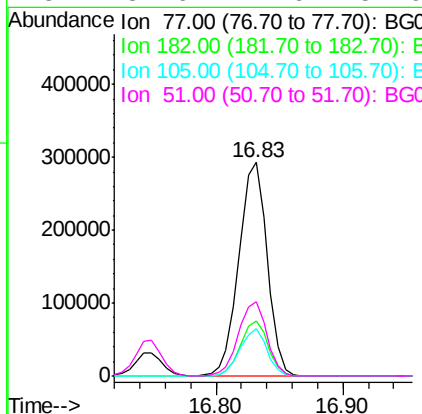
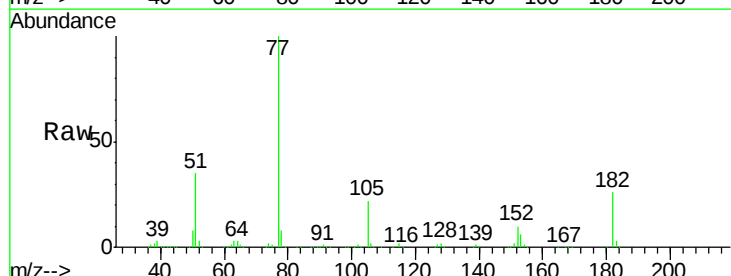
Instrument :  
BNA\_G  
ClientSampled :

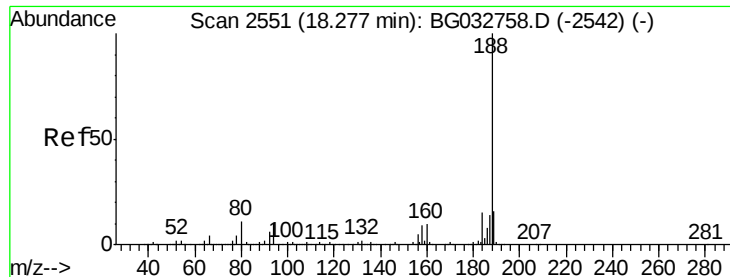
Tot Ion:138 Resp: 75975  
Ion Ratio Lower Upper  
138 100  
92 52.9 40.1 80.1  
108 80.6 65.4 105.4



#62  
Azobenzene  
Concen: 49.265 ng  
RT: 16.83 min Scan# 2305  
Delta R.T. 0.00 min  
Lab File: BG033120.D  
Acq: 13 Mar 2018 15:48

Tgt Ion: 77 Resp: 453982  
Ion Ratio Lower Upper  
77 100  
182 25.7 7.4 47.4  
105 22.1 0.3 40.3  
51 34.6 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.25 min Scan# 2547

Delta R.T. -0.00 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

Instrument :

BNA\_G

ClientSampleId :

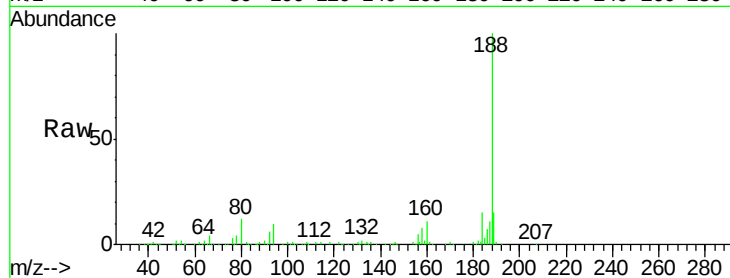
Tot Ion:188 Resp: 266175

Ion Ratio Lower Upper

188 100

94 9.6 6.9 10.3

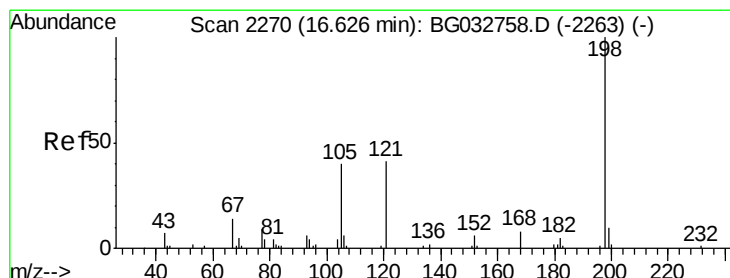
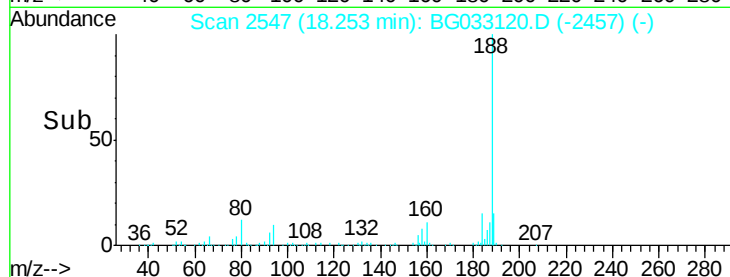
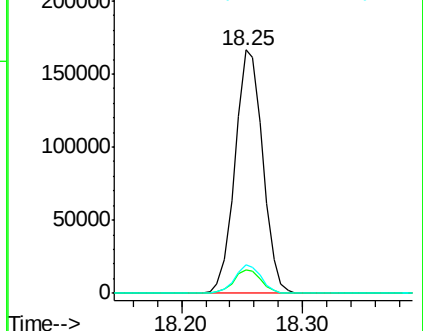
80 11.5 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 72.660 ng

RT: 16.61 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

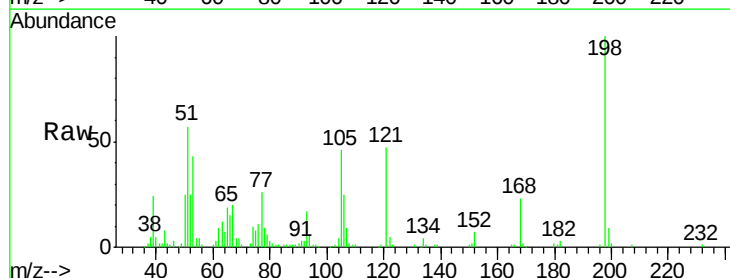
Tgt Ion:198 Resp: 67836

Ion Ratio Lower Upper

198 100

51 57.1 30.6 70.6

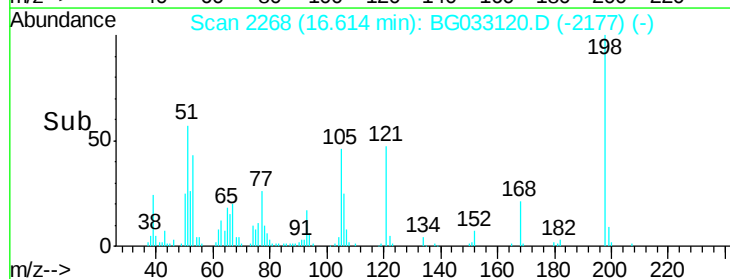
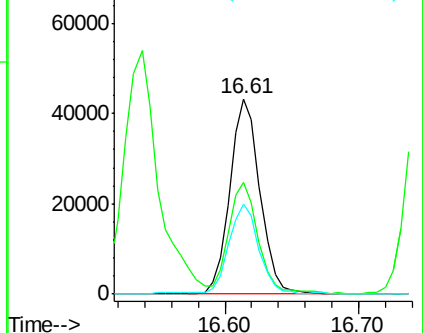
105 45.9 23.8 63.8

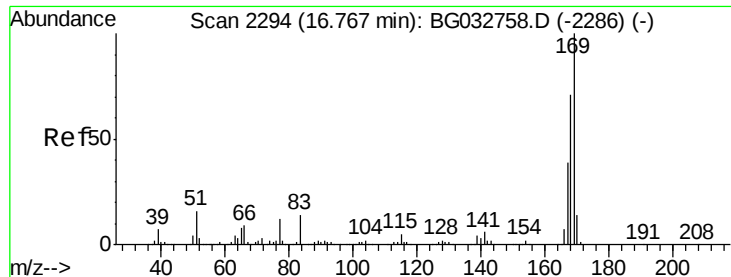


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 45.994 ng

RT: 16.75 min Scan# 2291

Delta R.T. 0.00 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

Instrument :

BNA\_G

ClientSampleId :

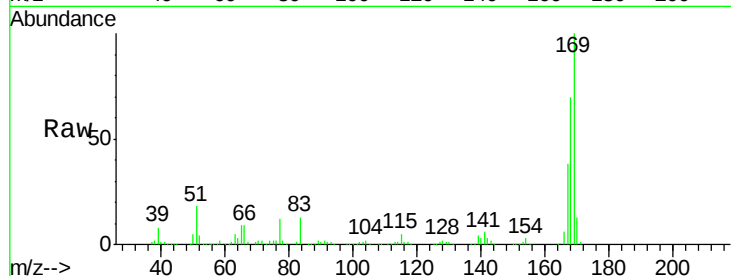
Tot Ion:169 Resp: 398262

Ion Ratio Lower Upper

169 100

168 69.6 55.7 83.5

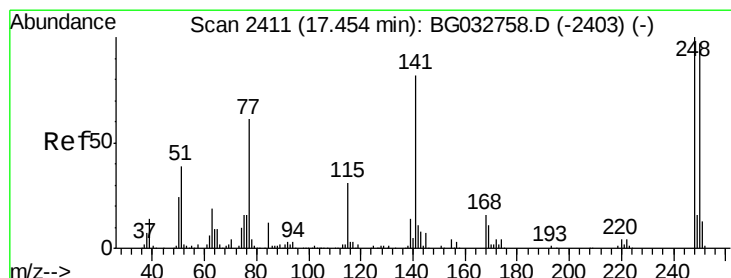
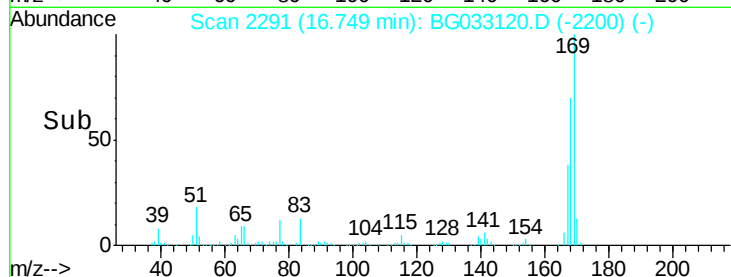
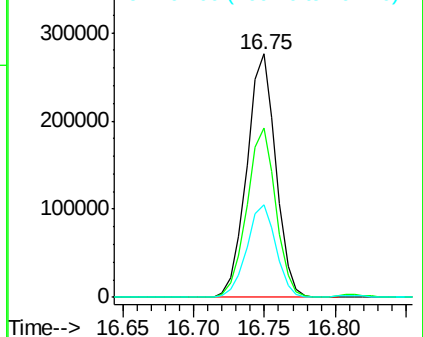
167 38.0 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 49.455 ng

RT: 17.43 min Scan# 2407

Delta R.T. 0.00 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

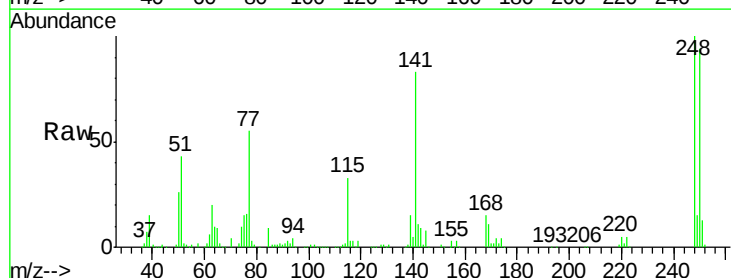
Tgt Ion:248 Resp: 139191

Ion Ratio Lower Upper

248 100

250 94.4 77.1 115.7

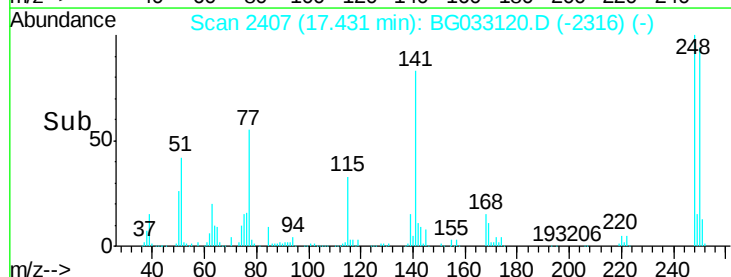
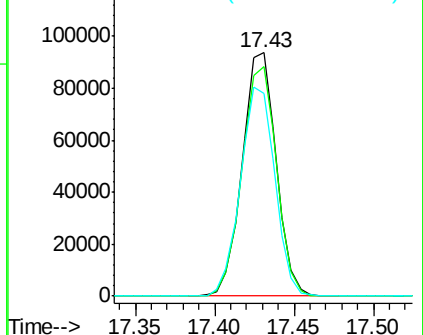
141 83.5 50.8 76.2#

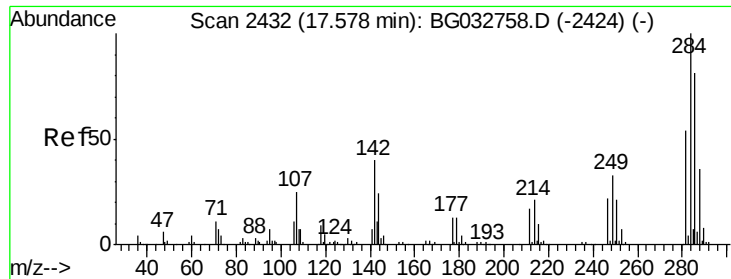


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

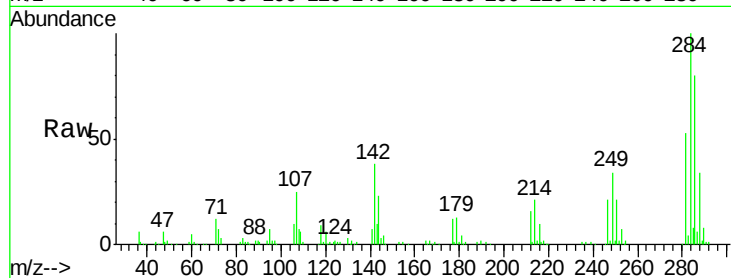




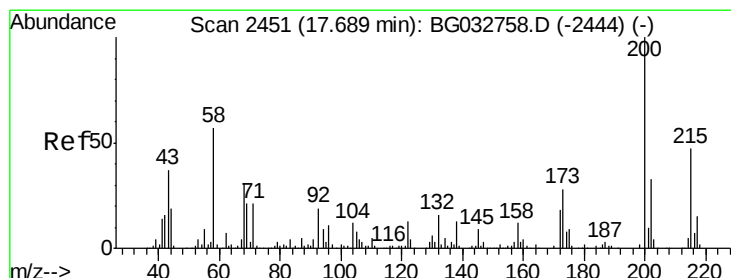
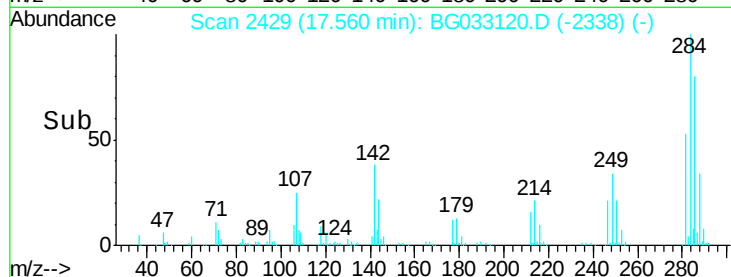
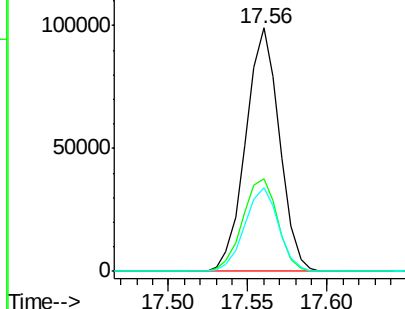
#67  
Hexachlorobenzene  
Concen: 48.112 ng  
RT: 17.56 min Scan# 2429  
Delta R.T. 0.00 min  
Lab File: BG033120.D  
Acq: 13 Mar 2018 15:48

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:284 Resp: 146333  
Ion Ratio Lower Upper  
284 100  
142 38.3 26.8 40.2  
249 34.1 26.3 39.5

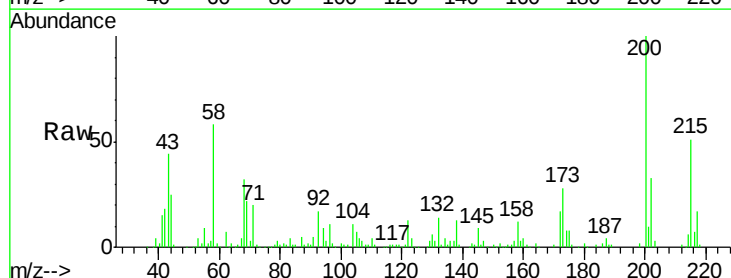


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

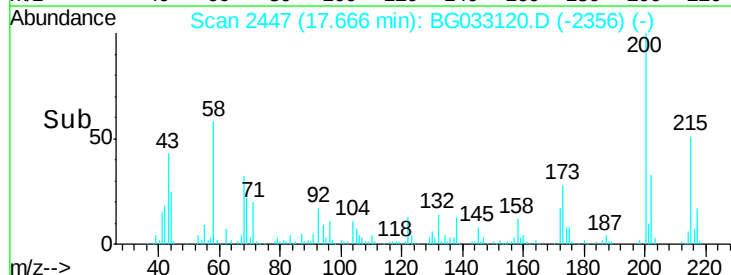
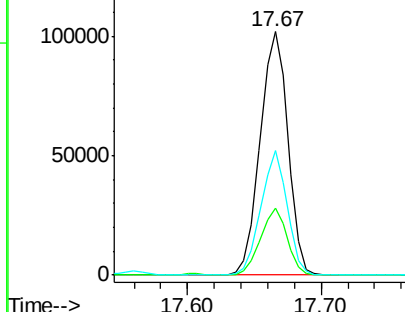


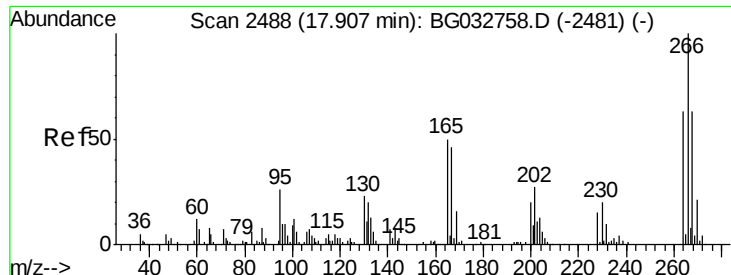
#68  
Atrazine  
Concen: 51.397 ng  
RT: 17.67 min Scan# 2447  
Delta R.T. 0.00 min  
Lab File: BG033120.D  
Acq: 13 Mar 2018 15:48

Tgt Ion:200 Resp: 146493  
Ion Ratio Lower Upper  
200 100  
173 27.7 5.2 45.2  
215 51.1 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

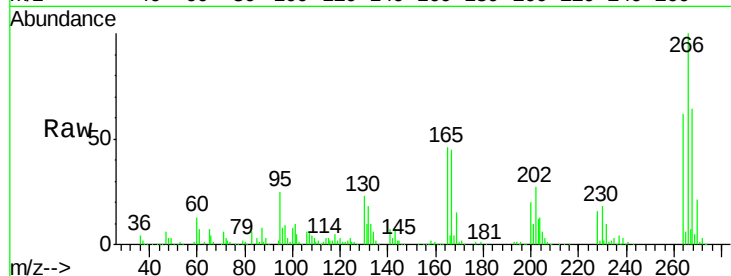




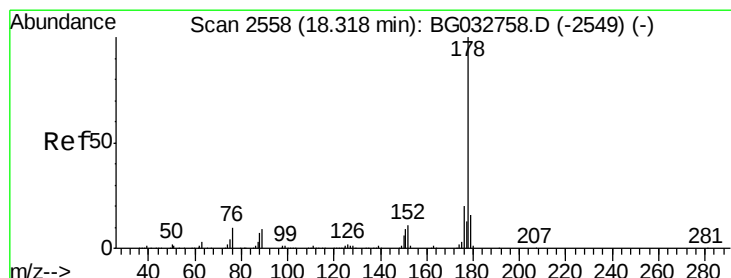
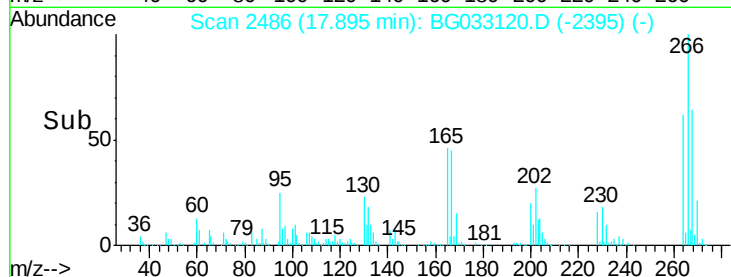
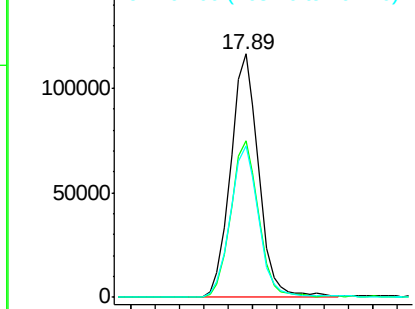
#69  
 Pentachlorophenol  
 Concen: 98.534 ng  
 RT: 17.89 min Scan# 2486  
 Delta R.T. 0.00 min  
 Lab File: BG033120.D  
 Acq: 13 Mar 2018 15:48

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:266 Resp: 188772  
 Ion Ratio Lower Upper  
 266 100  
 268 64.3 51.1 76.7  
 264 62.1 49.6 74.4

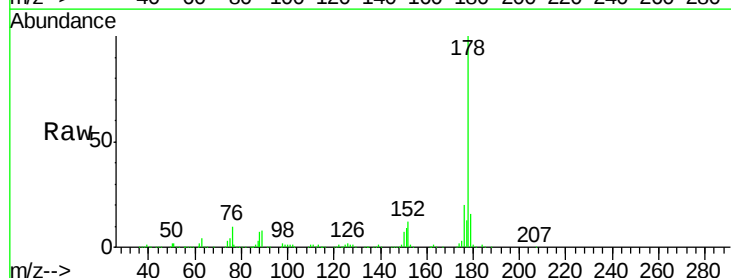


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

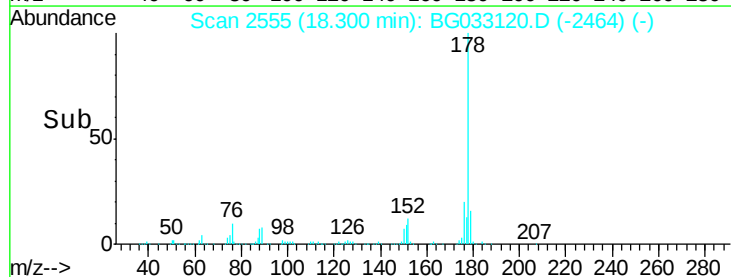
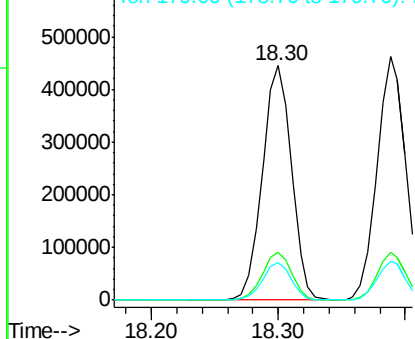


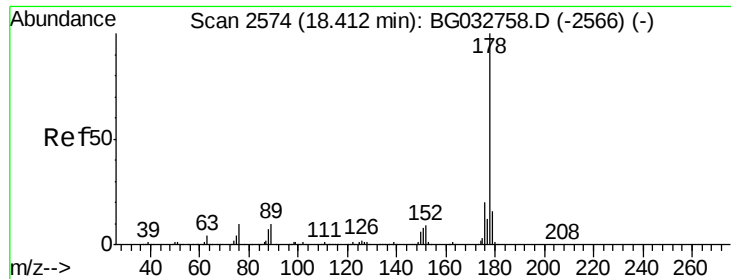
#70  
 Phenanthrene  
 Concen: 47.884 ng  
 RT: 18.30 min Scan# 2555  
 Delta R.T. 0.00 min  
 Lab File: BG033120.D  
 Acq: 13 Mar 2018 15:48

Tgt Ion:178 Resp: 711077  
 Ion Ratio Lower Upper  
 178 100  
 176 20.5 15.7 23.5  
 179 16.1 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

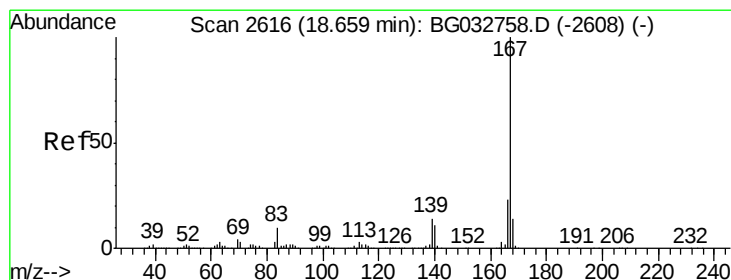
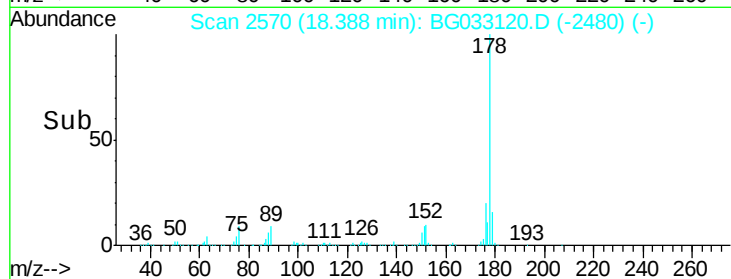
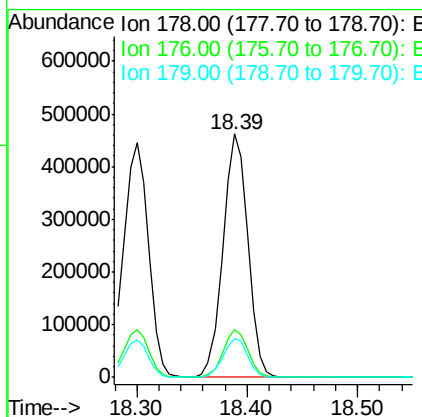
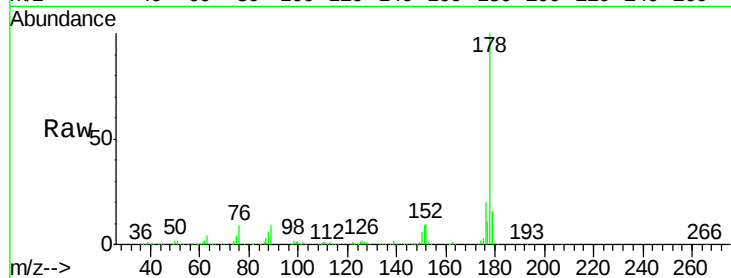




#71  
 Anthracene  
 Concen: 48.594 ng  
 RT: 18.39 min Scan# 2570  
 Delta R.T. -0.00 min  
 Lab File: BG033120.D  
 Acq: 13 Mar 2018 15:48

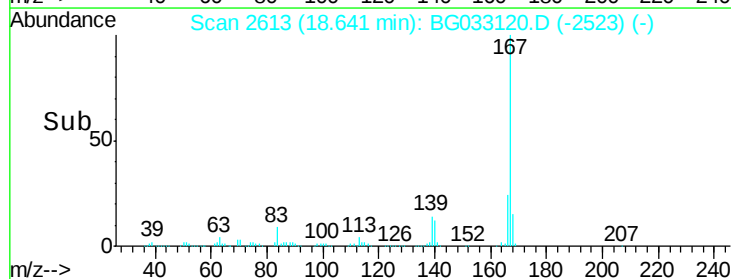
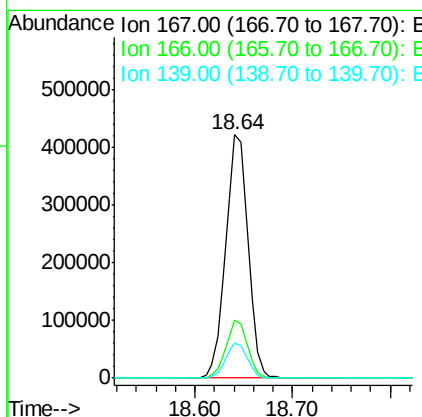
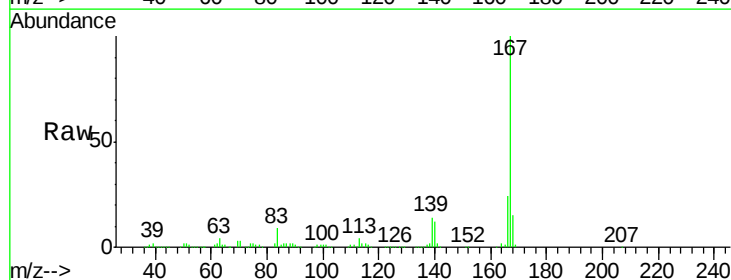
Instrument :  
 BNA\_G  
 ClientSampleId :

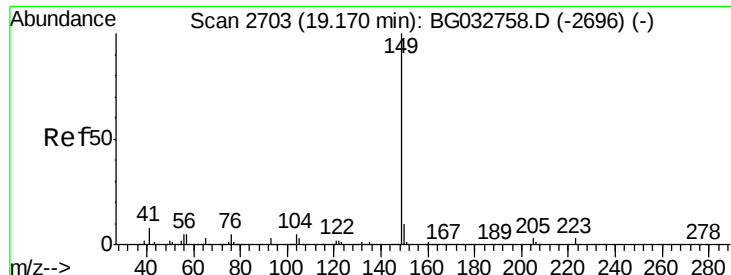
Tot Ion:178 Resp: 724468  
 Ion Ratio Lower Upper  
 178 100  
 176 19.7 16.0 24.0  
 179 16.2 12.5 18.7



#72  
 Carbazole  
 Concen: 45.810 ng  
 RT: 18.64 min Scan# 2613  
 Delta R.T. -0.00 min  
 Lab File: BG033120.D  
 Acq: 13 Mar 2018 15:48

Tgt Ion:167 Resp: 673174  
 Ion Ratio Lower Upper  
 167 100  
 166 23.7 18.2 27.4  
 139 14.2 9.4 14.2#

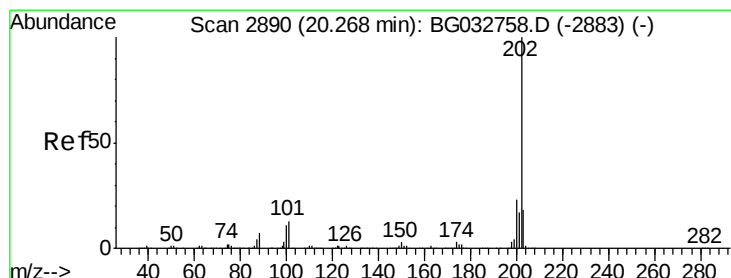
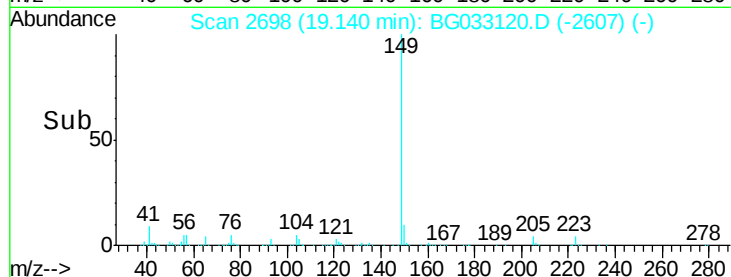
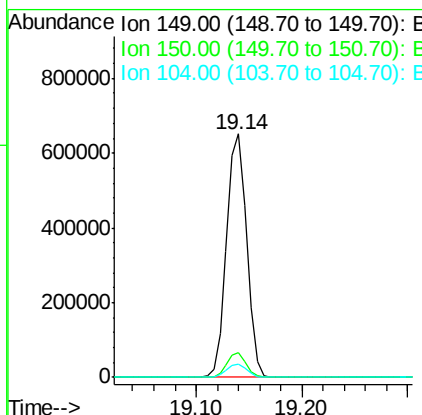
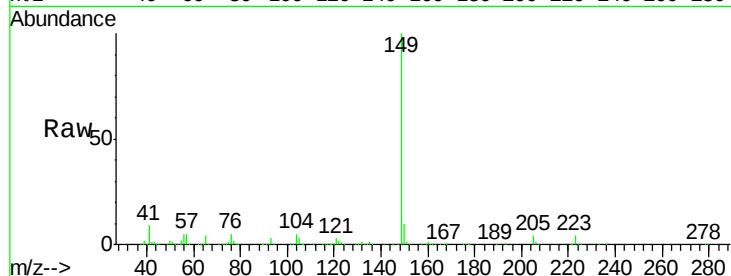




#73  
Di-n-butylphthalate  
Concen: 47.407 ng  
RT: 19.14 min Scan# 2698  
Delta R.T. 0.00 min  
Lab File: BG033120.D  
Acq: 13 Mar 2018 15:48

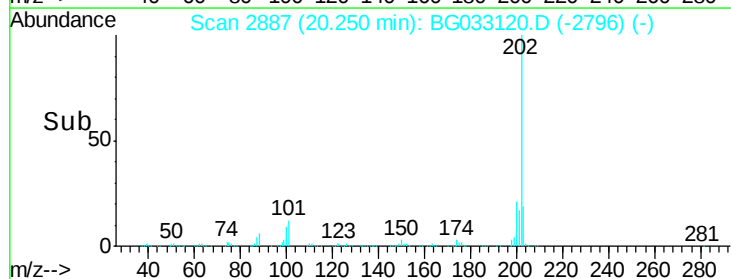
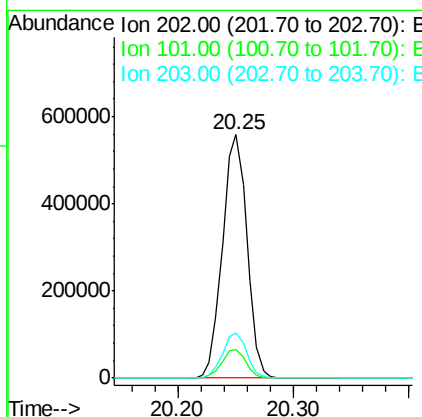
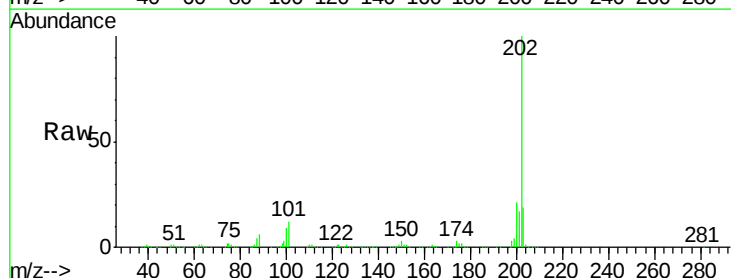
Instrument :  
BNA\_G  
ClientSampleId :

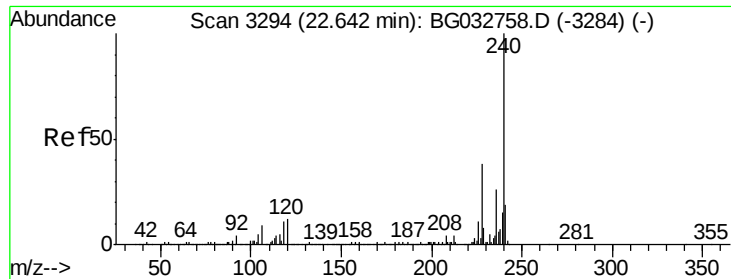
Tot Ion:149 Resp: 854634  
Ion Ratio Lower Upper  
149 100  
150 10.4 7.8 11.6  
104 5.5 3.9 5.9



#74  
Fluoranthene  
Concen: 49.931 ng  
RT: 20.25 min Scan# 2887  
Delta R.T. 0.00 min  
Lab File: BG033120.D  
Acq: 13 Mar 2018 15:48

Tgt Ion:202 Resp: 819053  
Ion Ratio Lower Upper  
202 100  
101 11.7 0.0 28.9  
203 18.8 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.61 min Scan# 3289

Delta R.T. 0.00 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

Instrument :

BNA\_G

ClientSampleId :

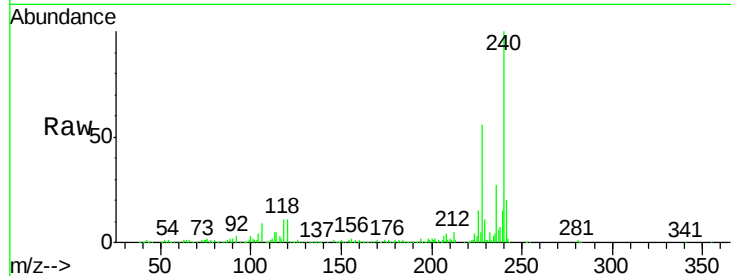
Tot Ion:240 Resp: 253454

Ion Ratio Lower Upper

240 100

120 10.9 6.8 10.2#

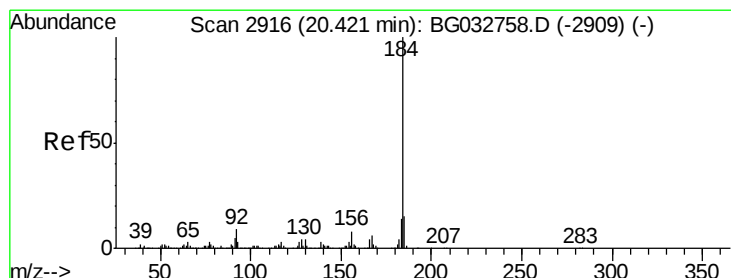
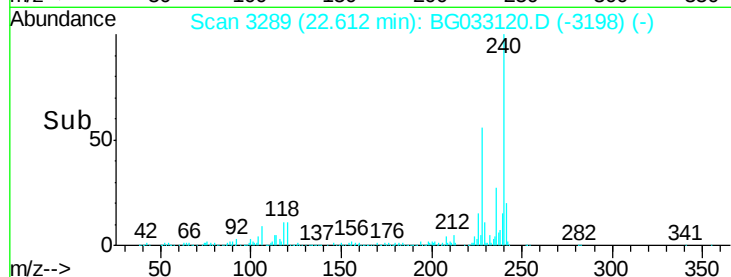
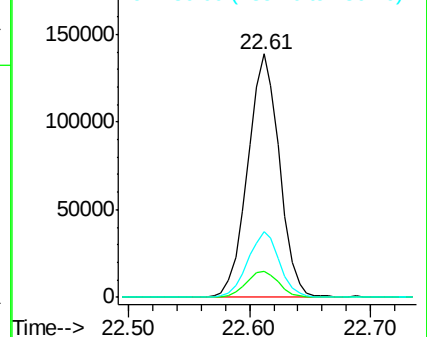
236 27.1 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 4.515 ng

RT: 20.41 min Scan# 2914

Delta R.T. 0.00 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

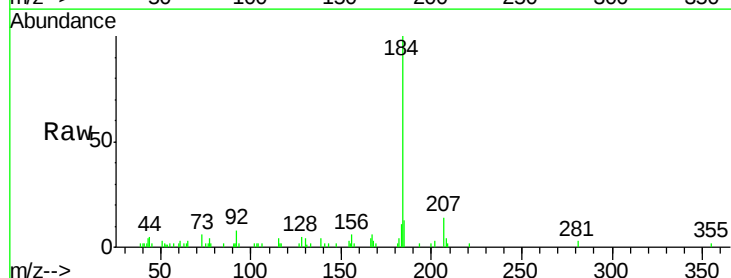
Tgt Ion:184 Resp: 39007

Ion Ratio Lower Upper

184 100

185 13.2 11.1 16.7

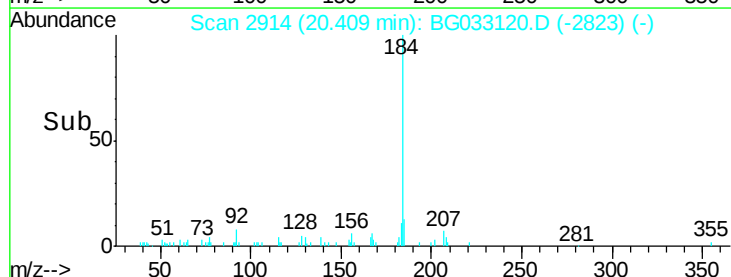
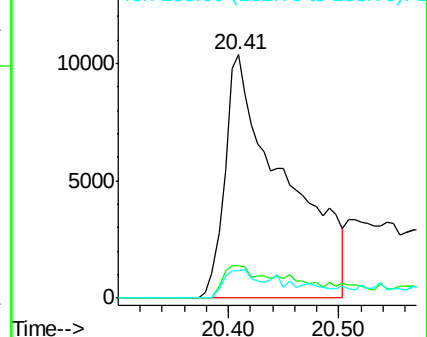
183 11.1 10.6 16.0

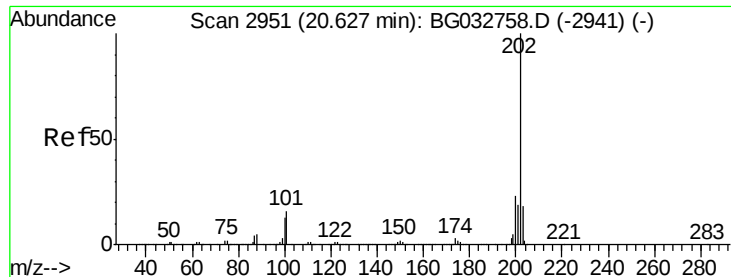


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.223 ng

RT: 20.60 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

Instrument :

BNA\_G

ClientSampleId :

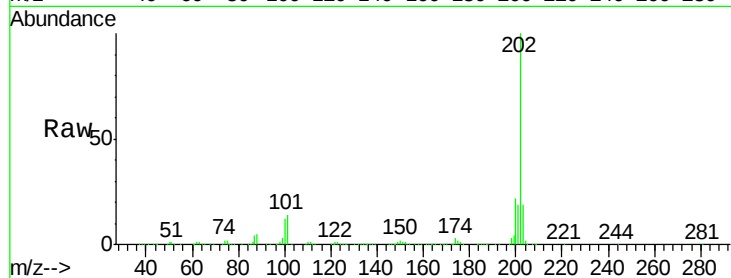
Tot Ion:202 Resp: 826176

Ion Ratio Lower Upper

202 100

200 22.0 16.9 25.3

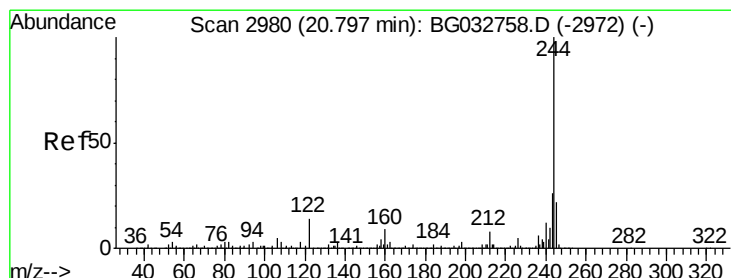
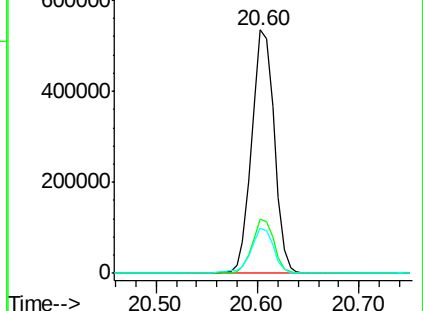
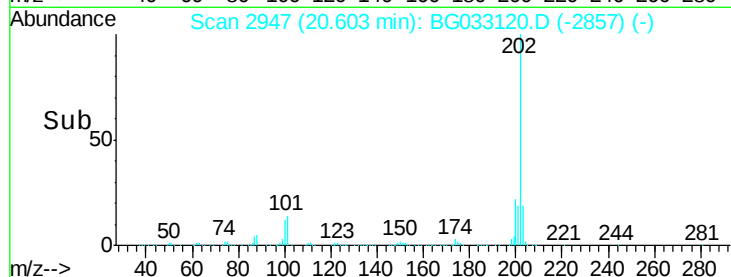
203 18.8 13.9 20.9



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: 105.072 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

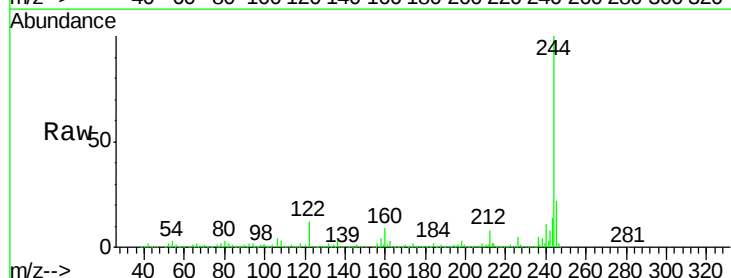
Tgt Ion:244 Resp: 1185316

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

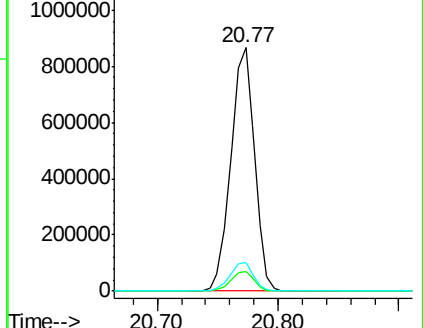
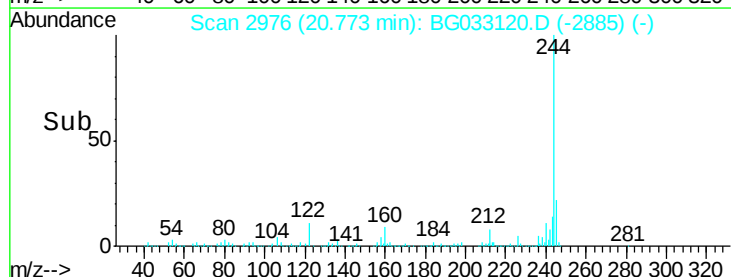
122 11.5 7.0 10.4#

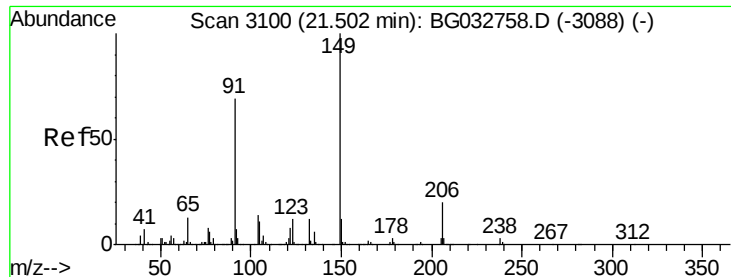


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

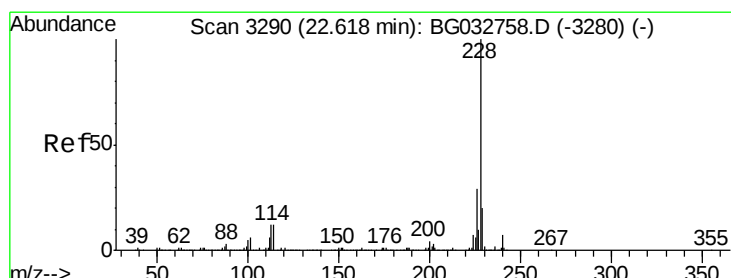
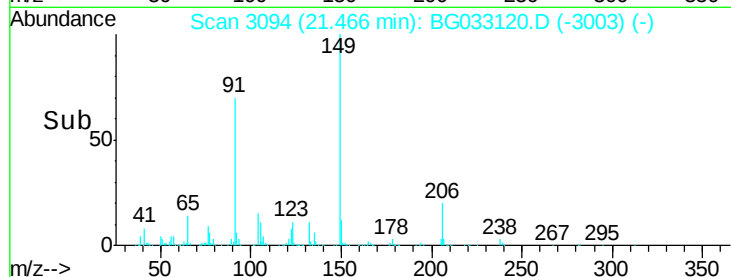
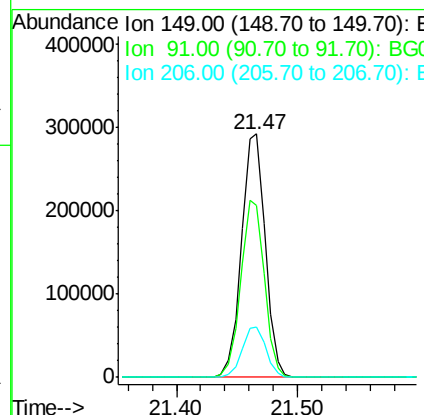
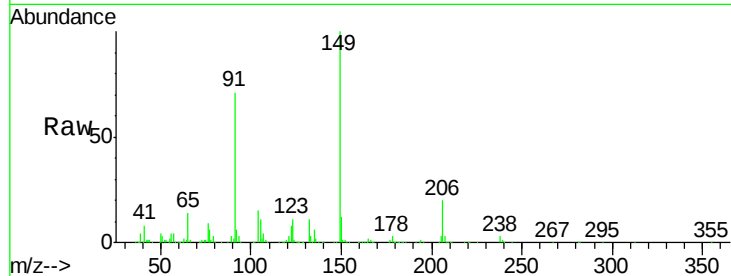




#79  
Butylbenzylphthalate  
Concen: 50.725 ng  
RT: 21.47 min Scan# 3094  
Delta R.T. 0.00 min  
Lab File: BG033120.D  
Acq: 13 Mar 2018 15:48

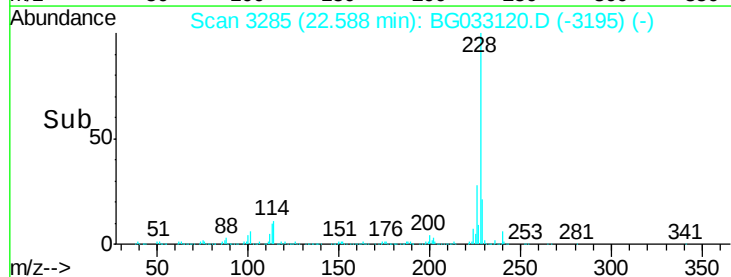
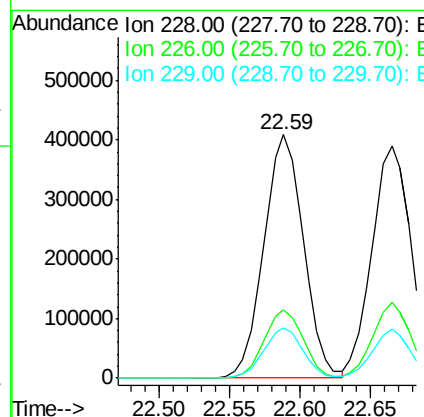
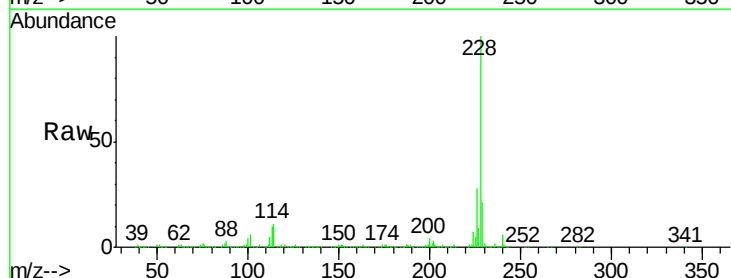
Instrument :  
BNA\_G  
ClientSampleId :

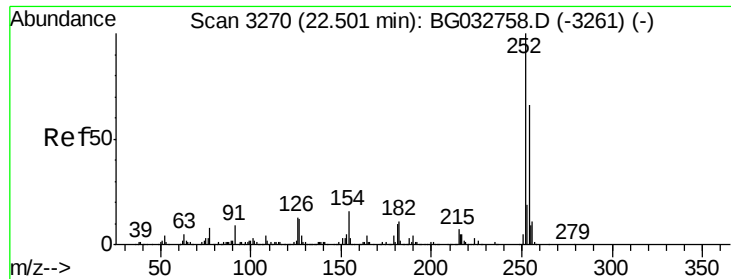
Tot Ion:149 Resp: 401978  
Ion Ratio Lower Upper  
149 100  
91 70.5 62.2 93.2  
206 20.5 18.6 27.8



#80  
Benzo(a)anthracene  
Concen: 49.545 ng  
RT: 22.59 min Scan# 3285  
Delta R.T. -0.00 min  
Lab File: BG033120.D  
Acq: 13 Mar 2018 15:48

Tgt Ion:228 Resp: 805249  
Ion Ratio Lower Upper  
228 100  
226 28.1 22.7 34.1  
229 20.8 16.2 24.2

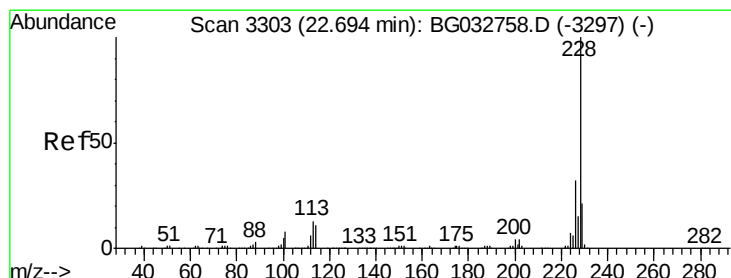
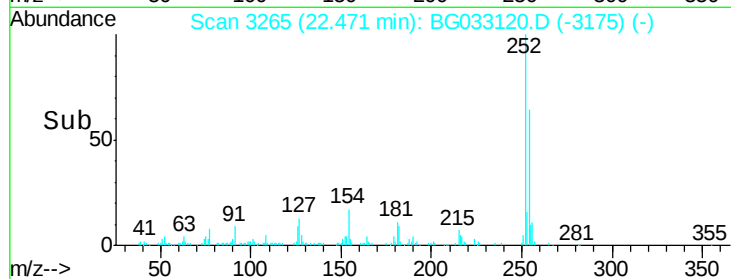
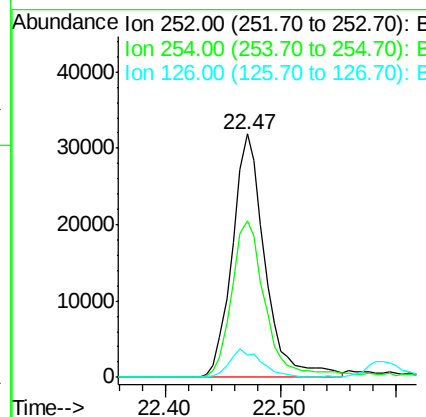
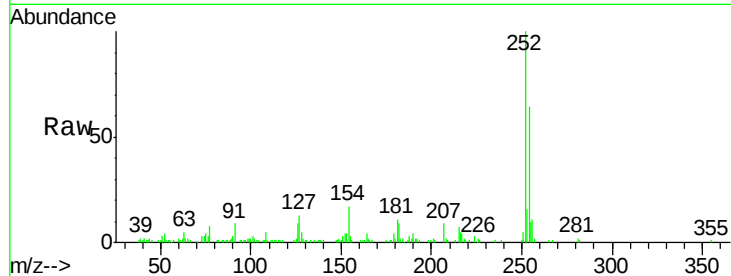




#81  
 3,3'-Dichlorobenzidine  
 Concen: 10.388 ng  
 RT: 22.47 min Scan# 3265  
 Delta R.T. -0.00 min  
 Lab File: BG033120.D  
 Acq: 13 Mar 2018 15:48

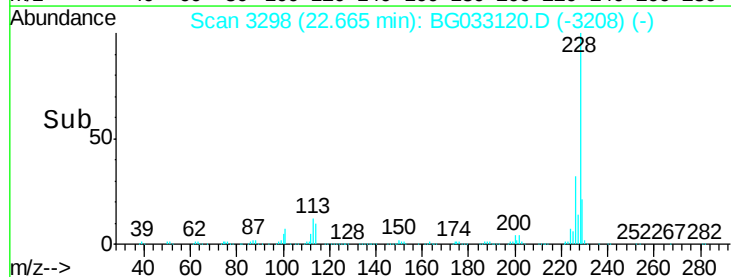
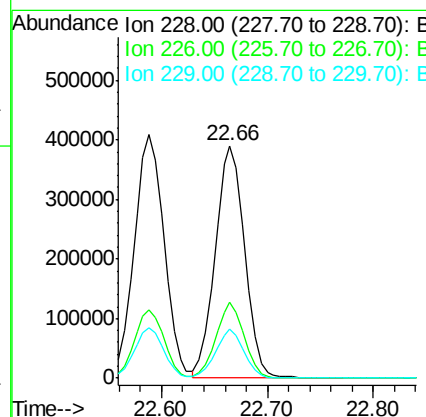
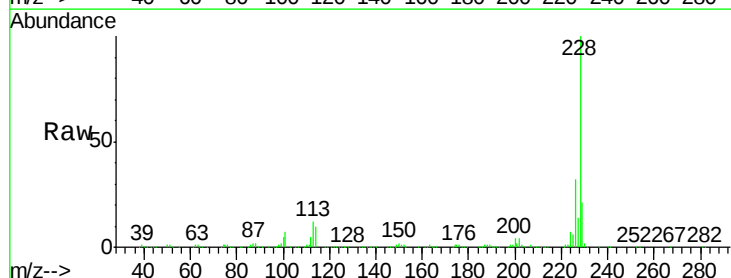
Instrument :  
 BNA\_G  
 ClientSampleId :

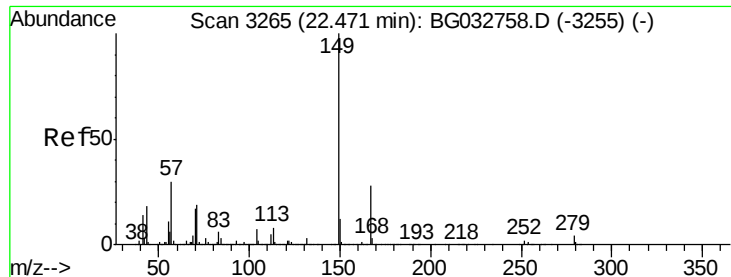
Tot Ion:252 Resp: 62531  
 Ion Ratio Lower Upper  
 252 100  
 254 64.1 50.8 76.2  
 126 9.3 7.4 11.2



#82  
 Chrysene  
 Concen: 48.426 ng  
 RT: 22.66 min Scan# 3298  
 Delta R.T. -0.00 min  
 Lab File: BG033120.D  
 Acq: 13 Mar 2018 15:48

Tgt Ion:228 Resp: 751844  
 Ion Ratio Lower Upper  
 228 100  
 226 32.5 24.9 37.3  
 229 21.2 15.0 22.4

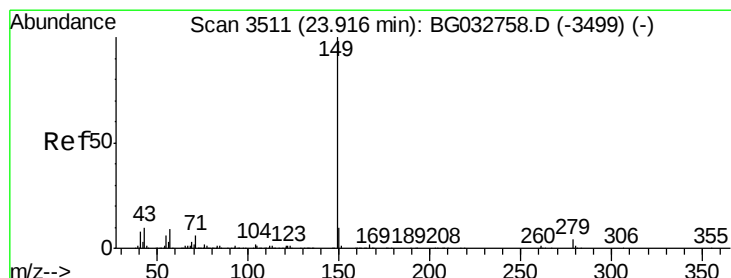
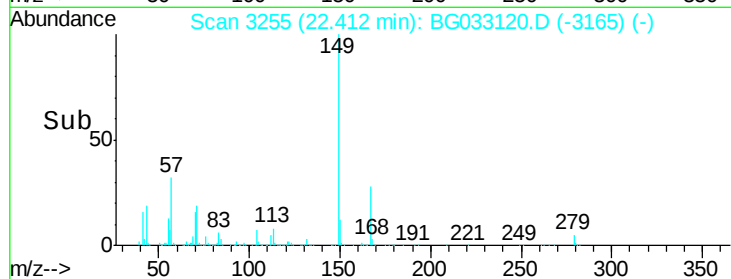
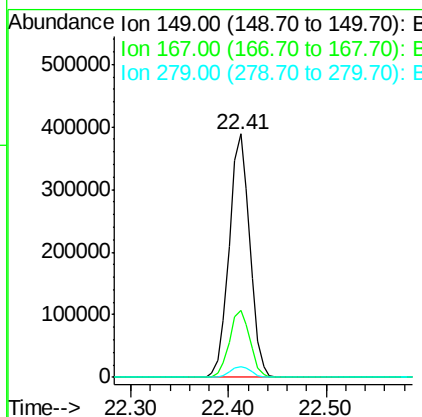
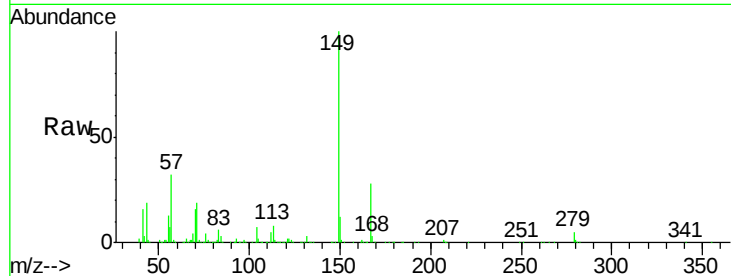




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 48.460 ng  
 RT: 22.41 min Scan# 3255  
 Delta R.T. -0.00 min  
 Lab File: BG033120.D  
 Acq: 13 Mar 2018 15:48

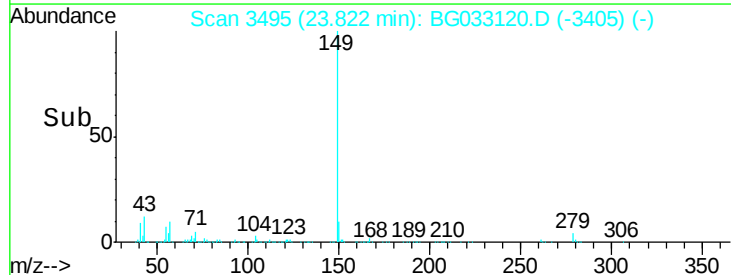
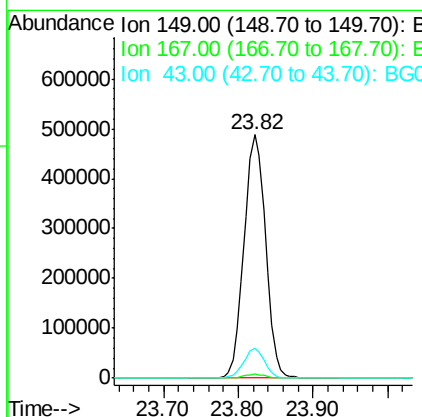
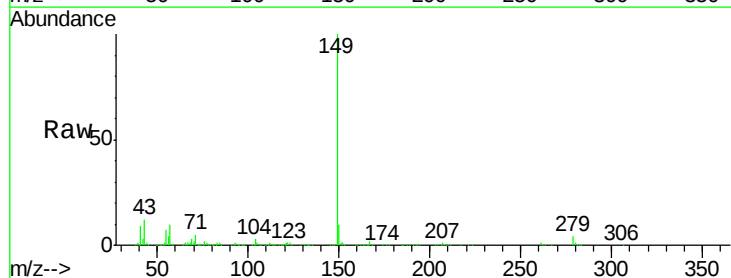
Instrument :  
 BNA\_G  
 ClientSampled :

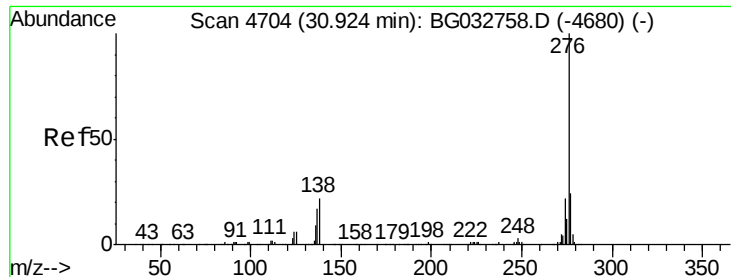
Tot Ion:149 Resp: 568449  
 Ion Ratio Lower Upper  
 149 100  
 167 27.5 24.3 36.5  
 279 4.6 4.0 6.0



#84  
 Di-n-octyl phthalate  
 Concen: 54.966 ng  
 RT: 23.82 min Scan# 3495  
 Delta R.T. -0.00 min  
 Lab File: BG033120.D  
 Acq: 13 Mar 2018 15:48

Tgt Ion:149 Resp: 982790  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.4 2.0  
 43 11.8 8.9 13.3

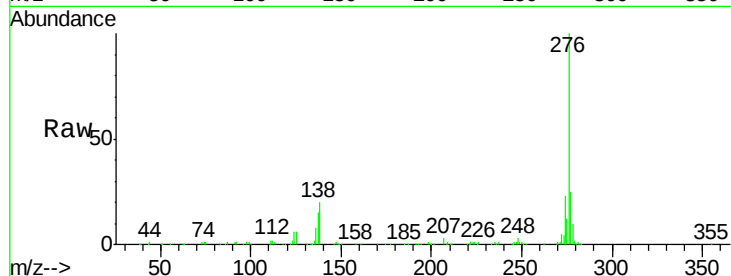




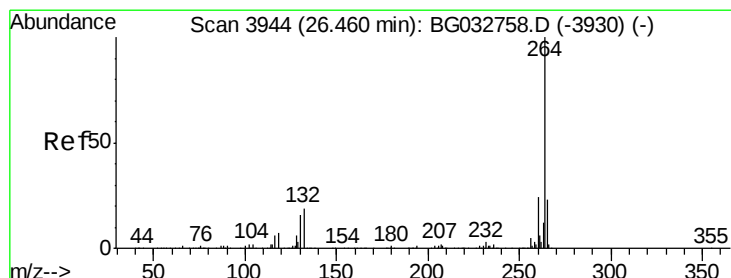
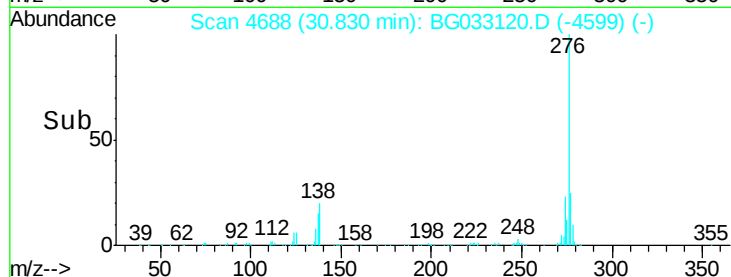
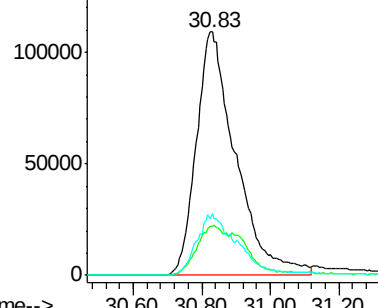
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 48.019 ng  
 RT: 30.83 min Scan# 4688  
 Delta R.T. -0.01 min  
 Lab File: BG033120.D  
 Acq: 13 Mar 2018 15:48

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:276 Resp: 869443  
 Ion Ratio Lower Upper  
 276 100  
 138 14.9 16.0 24.0#  
 277 25.6 20.0 30.0

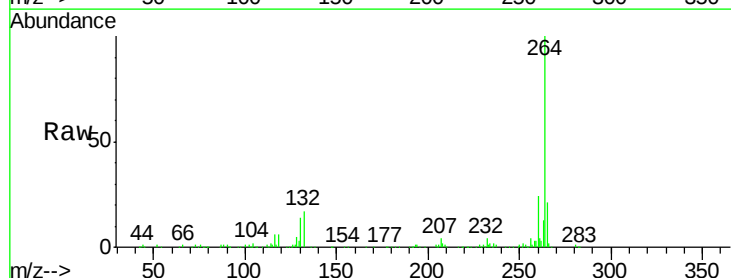


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

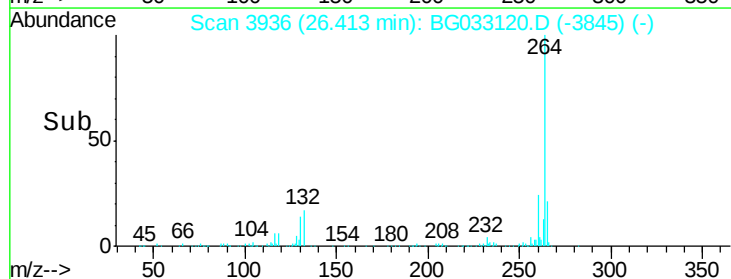
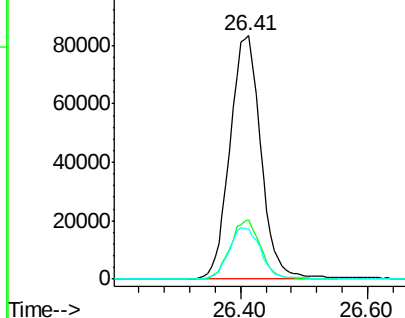


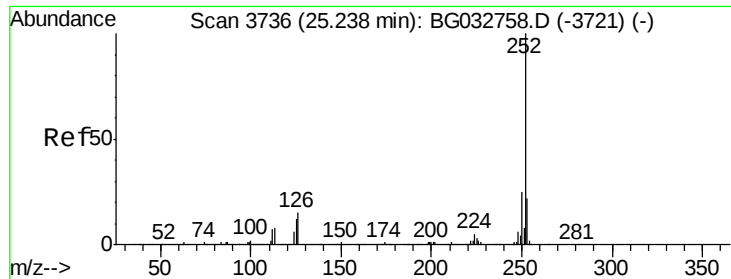
#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 26.41 min Scan# 3936  
 Delta R.T. 0.00 min  
 Lab File: BG033120.D  
 Acq: 13 Mar 2018 15:48

Tgt Ion:264 Resp: 280860  
 Ion Ratio Lower Upper  
 264 100  
 260 24.1 17.4 26.0  
 265 20.6 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: 48.419 ng

RT: 25.19 min Scan# 3728

Delta R.T. 0.00 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

Instrument :

BNA\_G

ClientSampleId :

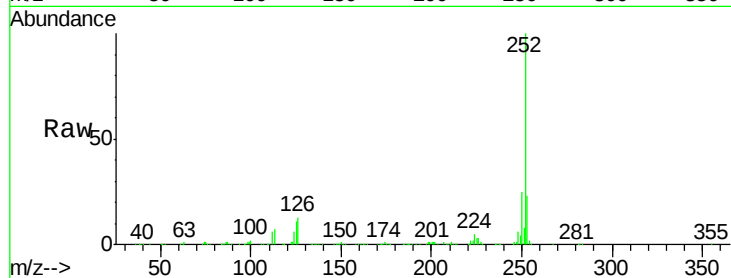
Tot Ion:252 Resp: 804059

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.4

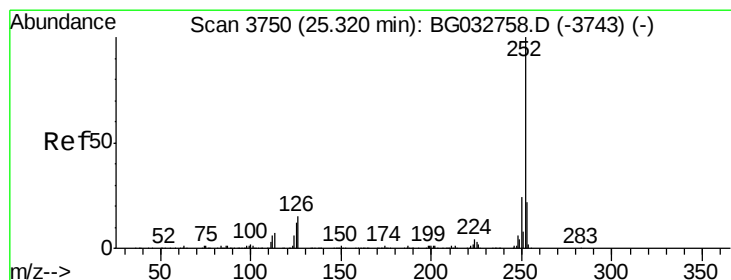
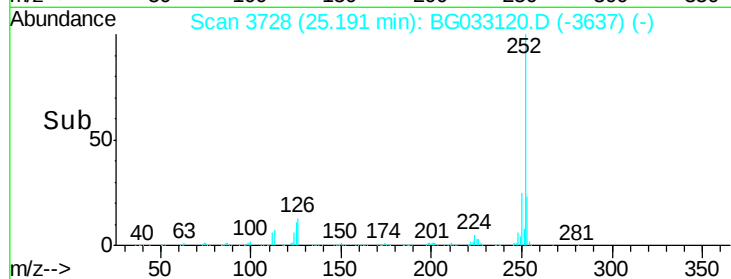
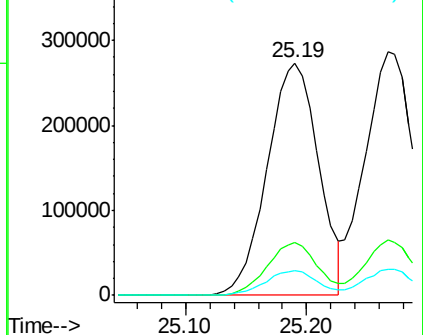
125 10.6 7.2 10.8



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



#88

Benzo(k)fluoranthene

Concen: 49.270 ng

RT: 25.27 min Scan# 3741

Delta R.T. -0.00 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

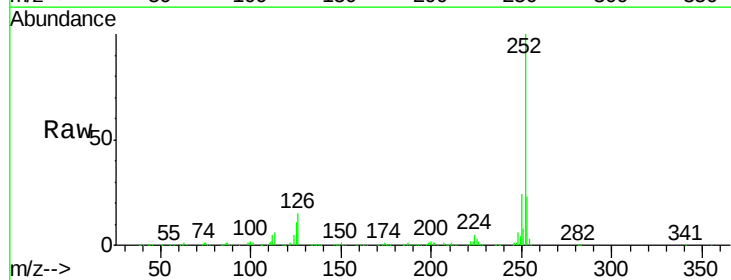
Tgt Ion:252 Resp: 813145

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.2

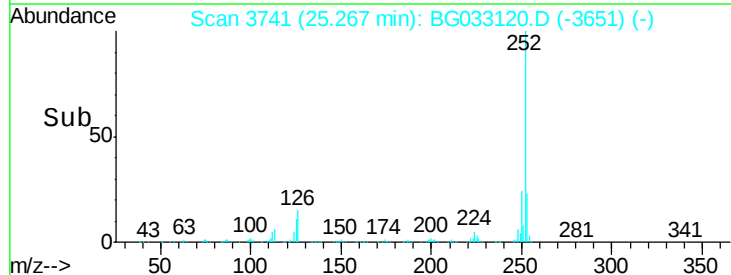
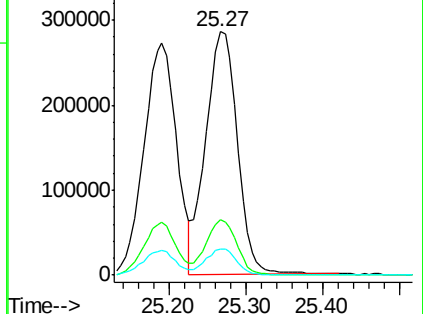
125 10.9 6.6 9.8#

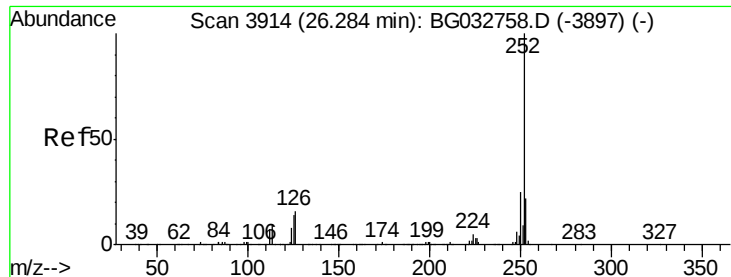


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

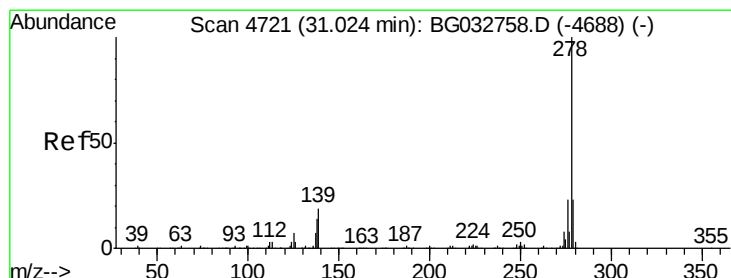
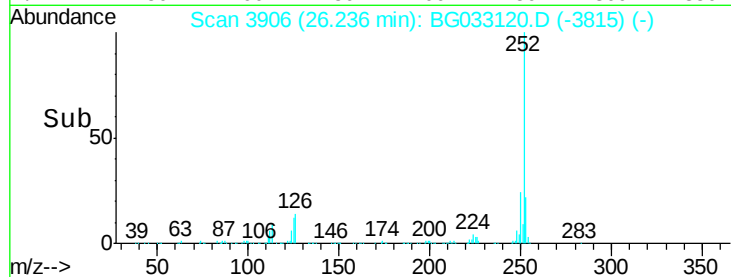
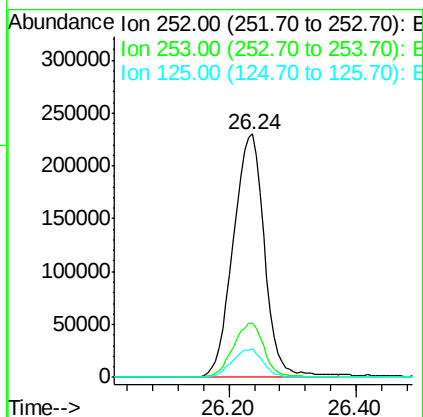
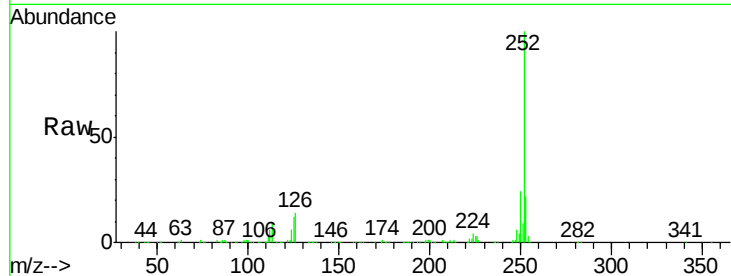




#89  
Benzo(a)pyrene  
Concen: 49.604 ng  
RT: 26.24 min Scan# 3906  
Delta R.T. 0.00 min  
Lab File: BG033120.D  
Acq: 13 Mar 2018 15:48

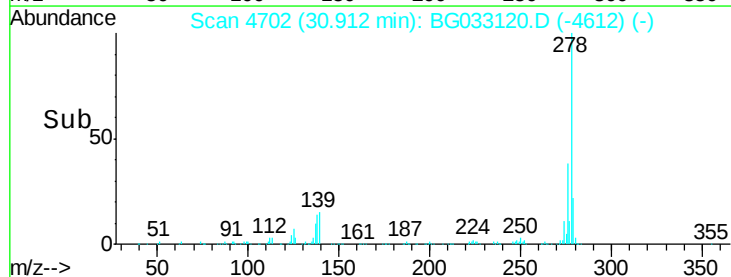
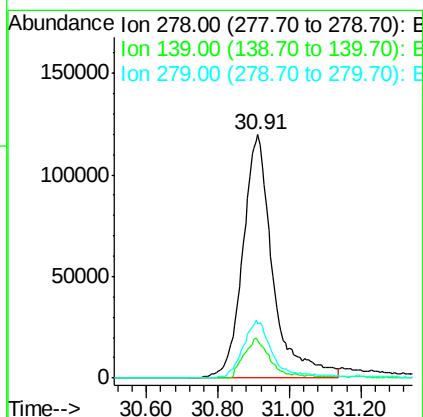
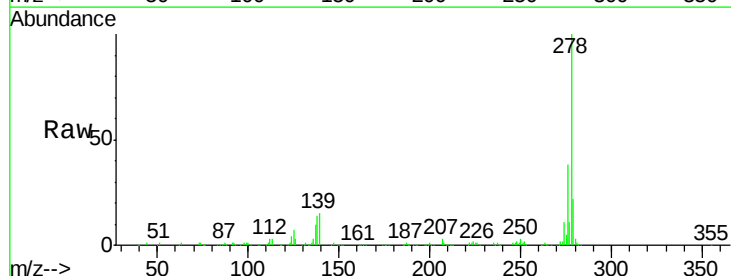
Instrument :  
BNA\_G  
ClientSampleId :

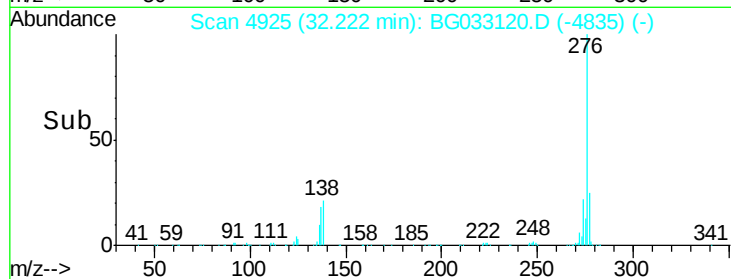
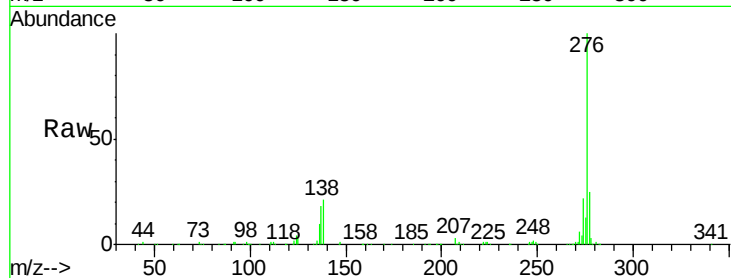
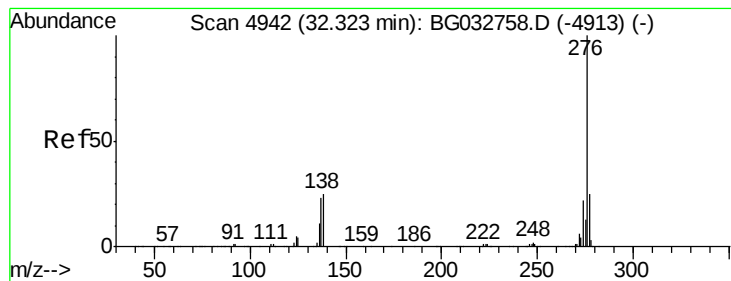
Tot Ion:252 Resp: 783488  
Ion Ratio Lower Upper  
252 100  
253 22.1 18.3 27.5  
125 11.6 7.3 10.9#



#90  
Dibenzo(a,h)anthracene  
Concen: 44.059 ng  
RT: 30.91 min Scan# 4702  
Delta R.T. -0.00 min  
Lab File: BG033120.D  
Acq: 13 Mar 2018 15:48

Tgt Ion:278 Resp: 700488  
Ion Ratio Lower Upper  
278 100  
139 15.3 9.8 14.6#  
279 22.3 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 46.398 ng

RT: 32.22 min Scan# 4925

Delta R.T. -0.00 min

Lab File: BG033120.D

Acq: 13 Mar 2018 15:48

Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 276 Resp: 727163

Ion Ratio Lower Upper

276 100

277 24.8 18.3 27.5

138 21.5 13.9 20.9#

