

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\  
 Data File : BG037567.D  
 Acq On : 26 Oct 2018 6:05  
 Operator : JU/SJ  
 Sample : J5655-01MS  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Oct 26 08:09:23 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 18 14:06:42 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.10  | 152  | 54165    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.92 | 136  | 251937   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.74 | 164  | 170000   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.49 | 188  | 393215   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.77 | 240  | 347826   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.10 | 264  | 368907   | 20.00 | ng    | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.64  | 112  | 200566   | 61.91  | ng    | 0.00     |
| 7) Phenol-d6                | 7.25  | 99   | 186219   | 38.01  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.28  | 82   | 381172   | 84.75  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.23 | 330  | 230193   | 124.15 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.36 | 172  | 894345   | 79.33  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.08 | 244  | 1297738  | 79.72  | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.53  | 88   | 24740    | 15.058 | ng    | 98     |
| 3) Pyridine                    | 3.94  | 79   | 59013    | 14.251 | ng    | 96     |
| 4) n-Nitrosodimethylamine      | 3.86  | 42   | 34110    | 23.126 | ng    | # 93   |
| 6) Aniline                     | 7.43  | 93   | 159166   | 26.632 | ng    | 97     |
| 8) 2-Chlorophenol              | 7.66  | 128  | 166829   | 44.017 | ng    | 98     |
| 9) Benzaldehyde                | 7.24  | 77   | 121011   | 39.488 | ng    | 98     |
| 10) Phenol                     | 7.27  | 94   | 83194    | 16.095 | ng    | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.52  | 93   | 193215   | 49.216 | ng    | 98     |
| 12) 1,3-Dichlorobenzene        | 7.99  | 146  | 184336   | 43.687 | ng    | 98     |
| 13) 1,4-Dichlorobenzene        | 8.14  | 146  | 187442   | 43.429 | ng    | 98     |
| 14) 1,2-Dichlorobenzene        | 8.46  | 146  | 182454   | 43.946 | ng    | 97     |
| 15) Benzyl Alcohol             | 8.34  | 79   | 116614   | 32.215 | ng    | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.62  | 45   | 356353   | 50.730 | ng    | 97     |
| 17) 2-Methylphenol             | 8.54  | 107  | 127335   | 37.262 | ng    | 98     |
| 18) Hexachloroethane           | 9.19  | 117  | 65775    | 44.702 | ng    | 94     |
| 19) n-Nitroso-di-n-propylamine | 8.91  | 70   | 166126   | 49.244 | ng    | 94     |
| 20) 3+4-Methylphenols          | 8.87  | 107  | 159060   | 32.555 | ng    | 96     |
| 22) Acetophenone               | 8.93  | 105  | 311501   | 49.300 | ng    | # 98   |
| 24) Nitrobenzene               | 9.33  | 77   | 237567   | 50.848 | ng    | 96     |
| 25) Isophorone                 | 9.84  | 82   | 476238   | 57.955 | ng    | 96     |
| 26) 2-Nitrophenol              | 10.04 | 139  | 113702   | 54.022 | ng    | 98     |
| 27) 2,4-Dimethylphenol         | 10.08 | 122  | 195414   | 52.000 | ng    | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.32 | 93   | 289525   | 53.776 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 10.57 | 162  | 209983   | 50.186 | ng    | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.78 | 180  | 206702   | 45.428 | ng    | 98     |
| 31) Naphthalene                | 10.98 | 128  | 644593   | 52.090 | ng    | 99     |
| 32) Benzoic acid               | 10.16 | 122  | 41255    | 16.902 | ng    | 96     |
| 33) 4-Chloroaniline            | 11.09 | 127  | 167040   | 28.729 | ng    | 95     |
| 34) Hexachlorobutadiene        | 11.24 | 225  | 116890   | 43.345 | ng    | 97     |
| 35) Caprolactam                | 11.88 | 113  | 8179     | 4.874  | ng    | # 88   |
| 36) 4-Chloro-3-methylphenol    | 12.18 | 107  | 223941   | 47.458 | ng    | 96     |
| 37) 2-Methylnaphthalene        | 12.57 | 142  | 504705   | 55.951 | ng    | 99     |
| 38) 1-Methylnaphthalene        | 12.79 | 142  | 479541   | 54.741 | ng    | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.93 | 216  | 255838   | 46.657 | ng    | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\  
 Data File : BG037567.D  
 Acq On : 26 Oct 2018 6:05  
 Operator : JU/SJ  
 Sample : J5655-01MS  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

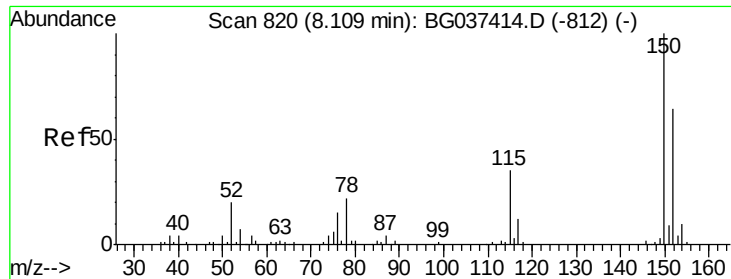
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Oct 26 08:09:23 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 18 14:06:42 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.90 | 237  | 274750   | 104.895 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.17 | 196  | 191966   | 52.401  | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.24 | 196  | 206931   | 51.881  | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.57 | 154  | 649724   | 46.149  | ng    | 97       |
| 47) 2-Chloronaphthalene        | 13.62 | 162  | 518607   | 48.689  | ng    | 99       |
| 48) 2-Nitroaniline             | 13.83 | 65   | 177228   | 54.869  | ng    | 97       |
| 49) Acenaphthylene             | 14.47 | 152  | 860935   | 53.733  | ng    | 99       |
| 50) Dimethylphthalate          | 14.19 | 163  | 675813   | 51.387  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.32 | 165  | 157261   | 54.053  | ng    | 93       |
| 52) Acenaphthene               | 14.80 | 154  | 504698   | 51.146  | ng    | 99       |
| 53) 3-Nitroaniline             | 14.65 | 138  | 118784   | 36.777  | ng    | # 99     |
| 54) 2,4-Dinitrophenol          | 14.85 | 184  | 134216   | 93.549  | ng    | 92       |
| 55) Dibenzofuran               | 15.14 | 168  | 809217   | 49.496  | ng    | 98       |
| 56) 4-Nitrophenol              | 14.94 | 139  | 126096   | 52.744  | ng    | 99       |
| 57) 2,4-Dinitrotoluene         | 15.10 | 165  | 214998   | 56.296  | ng    | 95       |
| 58) Fluorene                   | 15.78 | 166  | 656326   | 53.608  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.35 | 232  | 180659   | 52.901  | ng    | 97       |
| 60) Diethylphthalate           | 15.54 | 149  | 696123   | 51.557  | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.77 | 204  | 342403   | 47.982  | ng    | 100      |
| 62) 4-Nitroaniline             | 15.82 | 138  | 160523   | 50.017  | ng    | 90       |
| 63) Azobenzene                 | 16.06 | 77   | 668450   | 51.888  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.86 | 198  | 112530   | 53.377  | ng    | 95       |
| 66) n-Nitrosodiphenylamine     | 15.99 | 169  | 592172   | 50.065  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.66 | 248  | 218542   | 50.610  | ng    | 97       |
| 68) Hexachlorobenzene          | 16.78 | 284  | 219243   | 48.989  | ng    | 99       |
| 69) Atrazine                   | 16.93 | 200  | 222215   | 51.963  | ng    | 99       |
| 70) Pentachlorophenol          | 17.12 | 266  | 258093   | 86.096  | ng    | 97       |
| 71) Phenanthrene               | 17.53 | 178  | 1063443  | 53.214  | ng    | 98       |
| 72) Anthracene                 | 17.62 | 178  | 1071547  | 54.638  | ng    | 97       |
| 73) Carbazole                  | 17.89 | 167  | 974013   | 49.650  | ng    | 98       |
| 74) Di-n-butylphthalate        | 18.43 | 149  | 1153766  | 52.869  | ng    | 99       |
| 75) Fluoranthene               | 19.53 | 202  | 1216056  | 53.651  | ng    | 97       |
| 77) Benzidine                  | 19.71 | 184  | 371358   | 31.399  | ng    | 99       |
| 78) Pyrene                     | 19.90 | 202  | 1191721  | 52.411  | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.76 | 149  | 531045   | 57.067  | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.75 | 228  | 1130088  | 54.929  | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine     | 21.66 | 252  | 330109   | 41.396  | ng    | 98       |
| 83) Chrysene                   | 21.82 | 228  | 1059683  | 53.565  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.62 | 149  | 745750   | 57.172  | ng    | 97       |
| 85) Di-n-octyl phthalate       | 22.87 | 149  | 1251559  | 58.841  | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.93 | 276  | 1227034  | 57.829  | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 24.04 | 252  | 1152767  | 56.998  | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 24.11 | 252  | 1078040  | 54.405  | ng    | 96       |
| 90) Benzo(a)pyrene             | 24.95 | 252  | 1099337  | 57.203  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 29.00 | 278  | 988975   | 55.788  | ng    | 96       |
| 92) Benzo(g,h,i)perylene       | 30.14 | 276  | 1019791  | 56.861  | ng    | 99       |

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



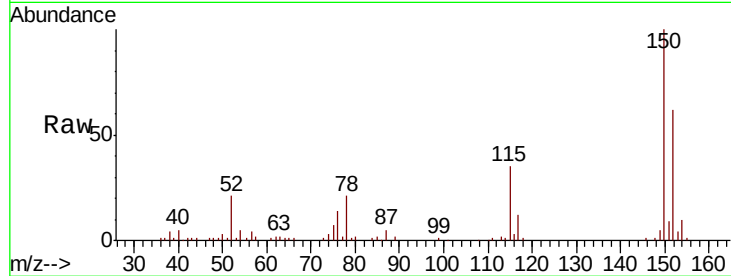


#1

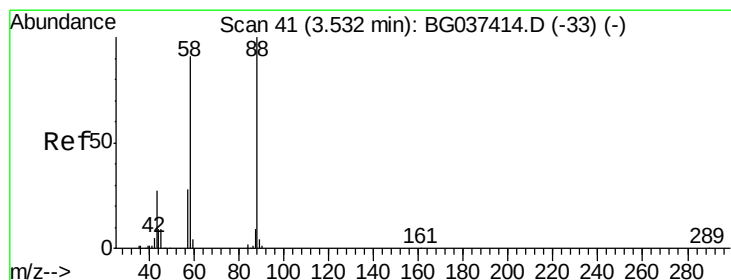
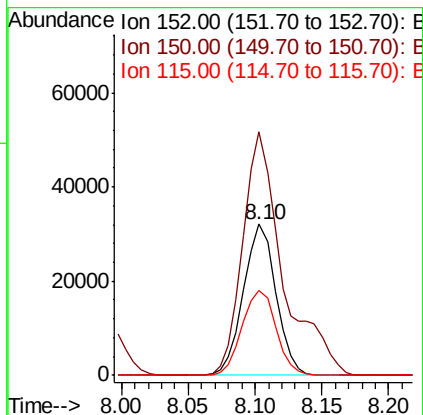
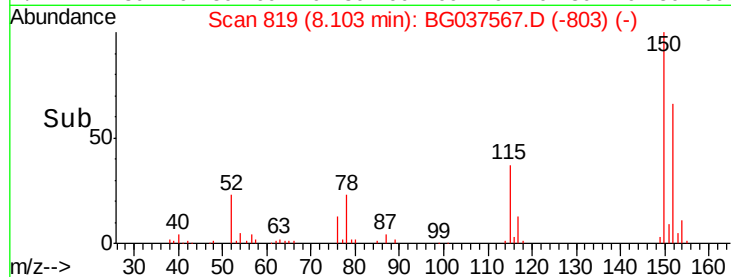
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.10 min Scan# 819  
Delta R.T. -0.01 min  
Lab File: BG037567.D  
Acq: 26 Oct 2018 6:05

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 161.0 | 126.0 | 189.0 |
| 115     | 56.5  | 45.5  | 68.3  |



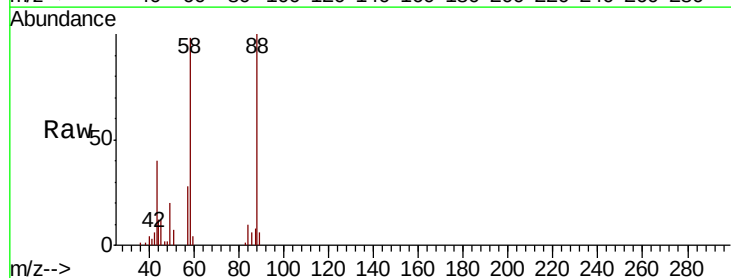
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



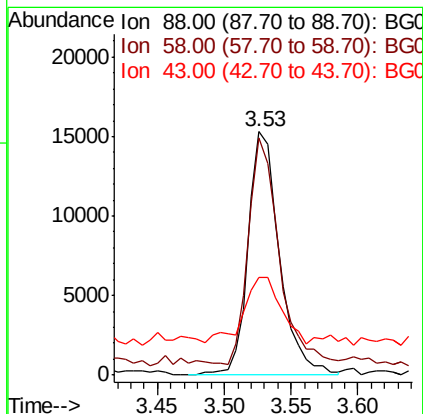
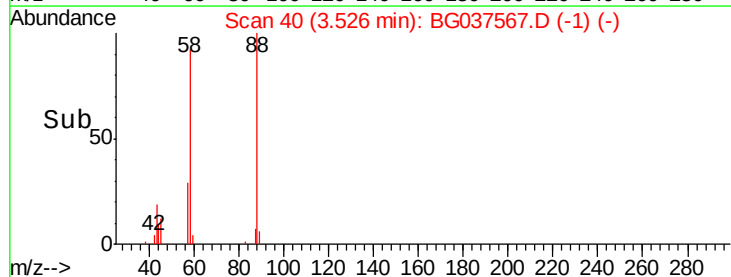
#2

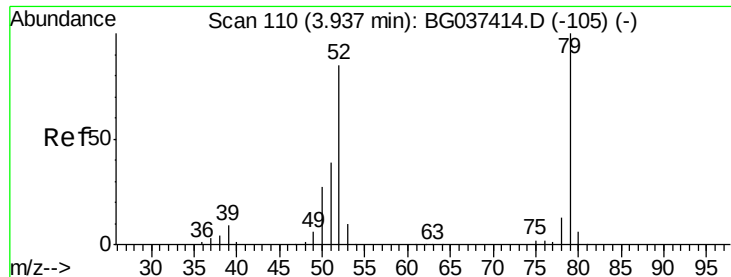
1,4-Dioxane  
Concen: 15.058 ng  
RT: 3.53 min Scan# 40  
Delta R.T. -0.01 min  
Lab File: BG037567.D  
Acq: 26 Oct 2018 6:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 90.7  | 74.4  | 111.6 |
| 43      | 33.5  | 25.8  | 38.8  |



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: 14.251 ng

RT: 3.94 min Scan# 110

Delta R.T. 0.00 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

Instrument :

BNA\_G

ClientSampleId :

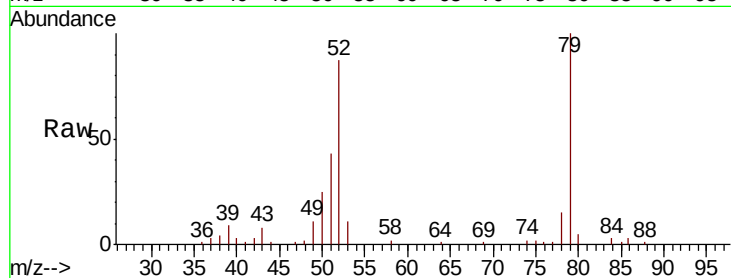
Tot Ion: 79 Resp: 59013

Ion Ratio Lower Upper

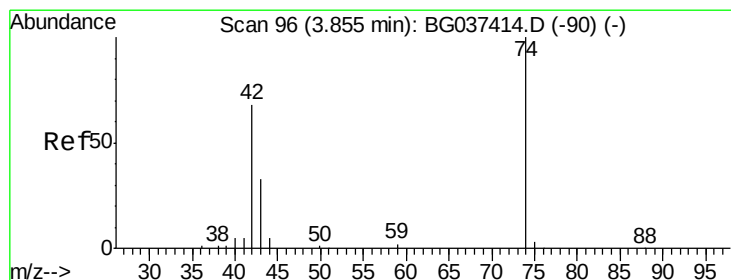
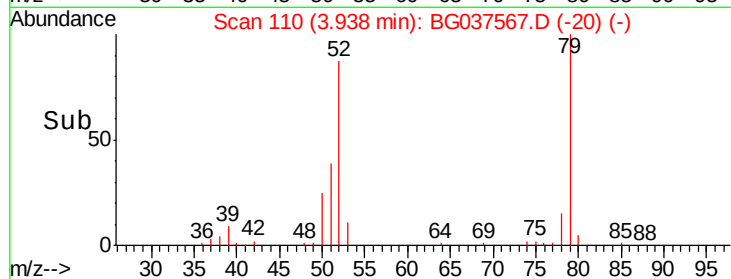
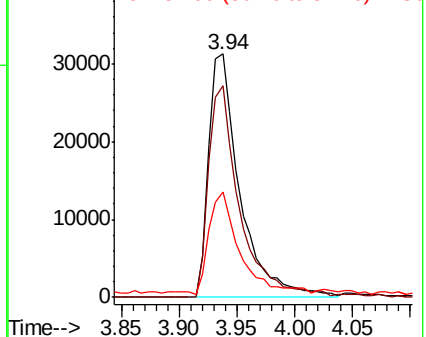
79 100

52 87.0 74.2 111.2

51 43.2 34.6 51.8



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: 23.126 ng

RT: 3.86 min Scan# 96

Delta R.T. 0.00 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

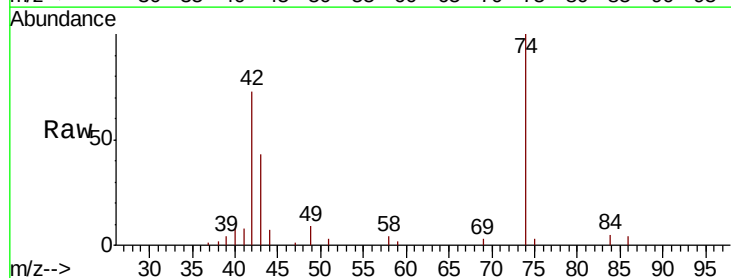
Tgt Ion: 42 Resp: 34110

Ion Ratio Lower Upper

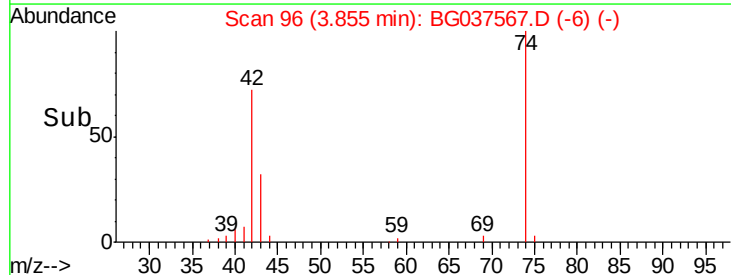
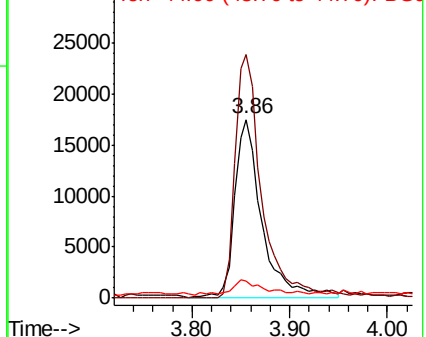
42 100

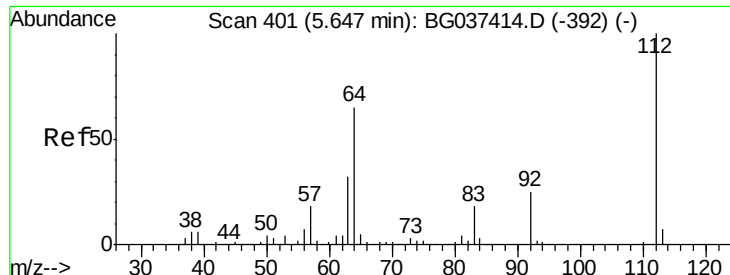
74 136.1 102.0 153.0

44 9.3 9.6 14.4#



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: 61.907 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

Instrument :

BNA\_G

ClientSampled :

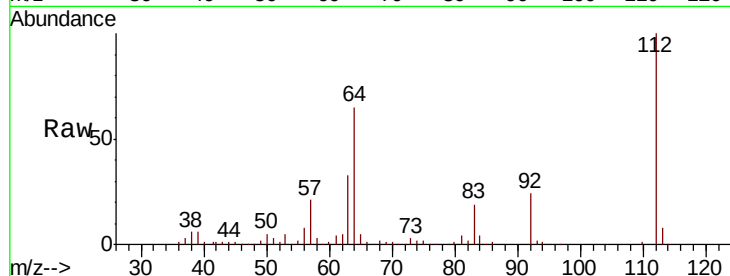
Tot Ion: 112 Resp: 200566

Ion Ratio Lower Upper

112 100

64 64.9 53.1 79.7

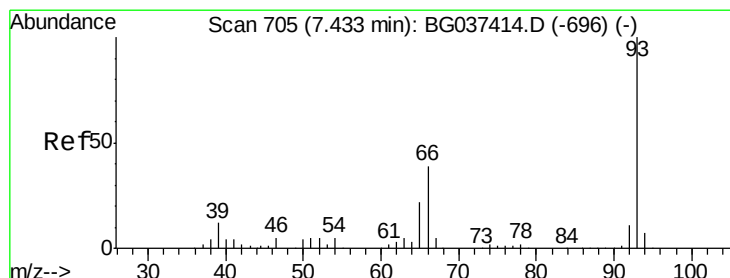
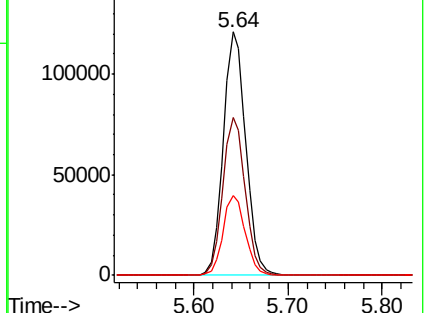
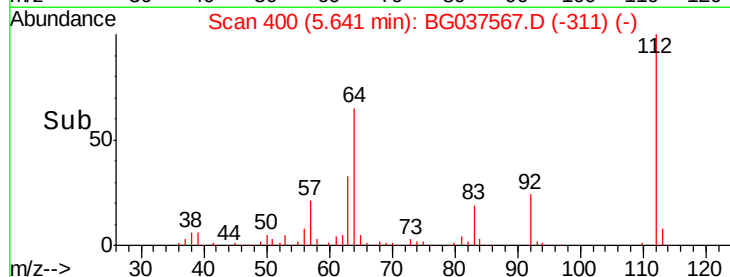
63 32.6 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 26.632 ng

RT: 7.43 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

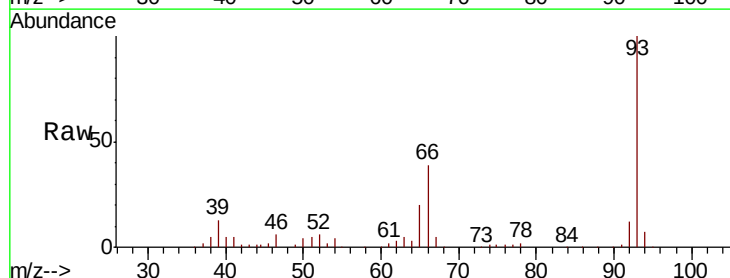
Tgt Ion: 93 Resp: 159166

Ion Ratio Lower Upper

93 100

66 38.6 32.8 49.2

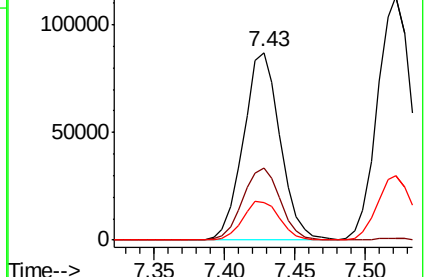
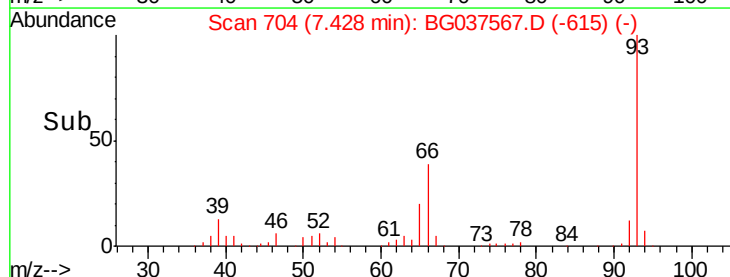
65 20.1 16.4 24.6

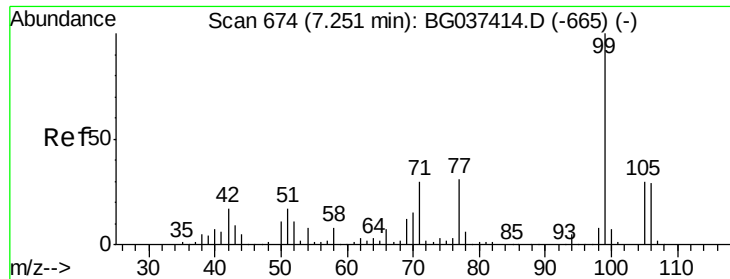


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 38.012 ng

RT: 7.25 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

Instrument :

BNA\_G

ClientSampled :

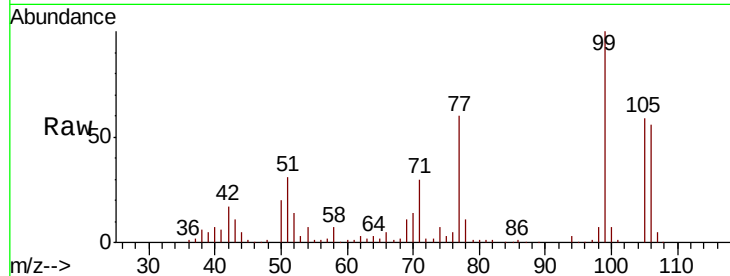
Tot Ion: 99 Resp: 186219

Ion Ratio Lower Upper

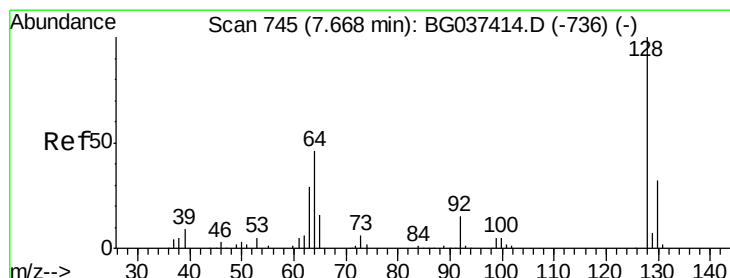
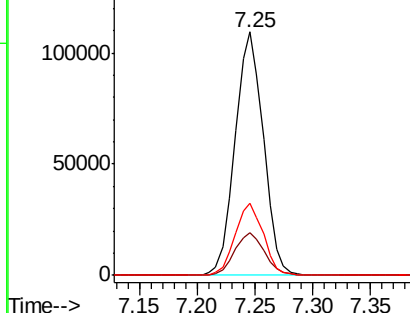
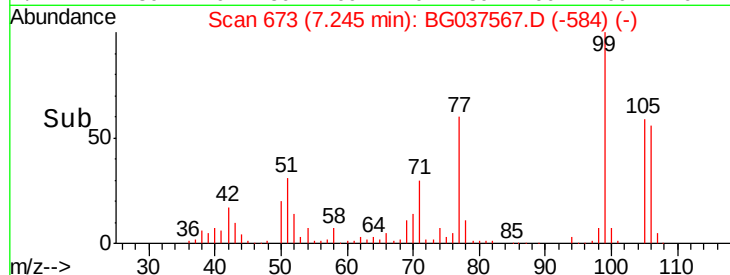
99 100

42 17.5 15.0 22.4

71 29.6 25.5 38.3



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: 44.017 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

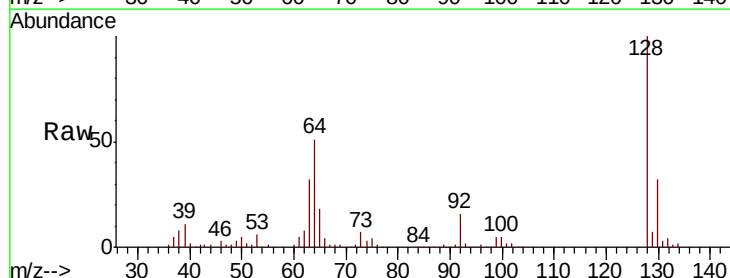
Tgt Ion: 128 Resp: 166829

Ion Ratio Lower Upper

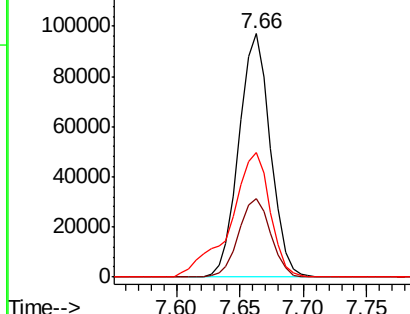
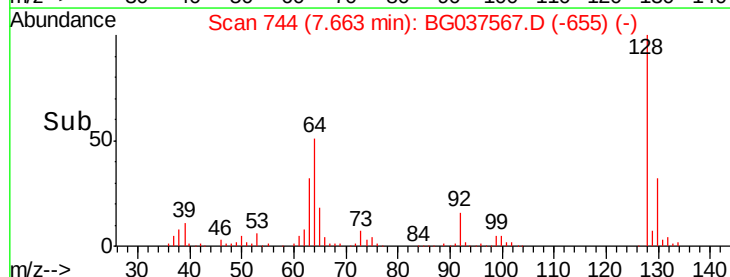
128 100

130 32.2 12.0 52.0

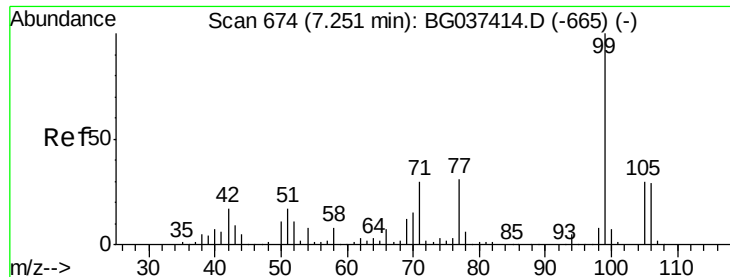
64 51.1 32.9 72.9



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







#9

Benzaldehyde

Concen: 39.488 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

Instrument :

BNA\_G

ClientSampled :

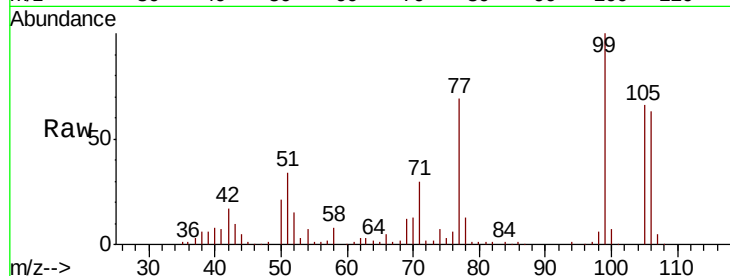
Tot Ion: 77 Resp: 121011

Ion Ratio Lower Upper

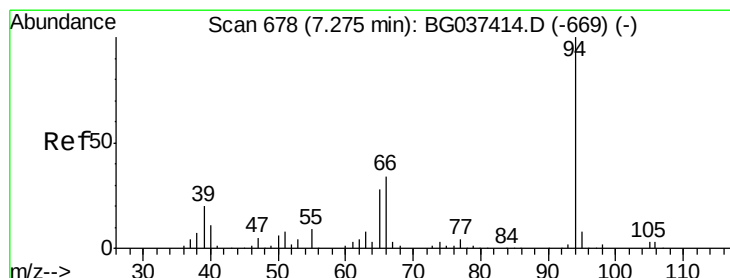
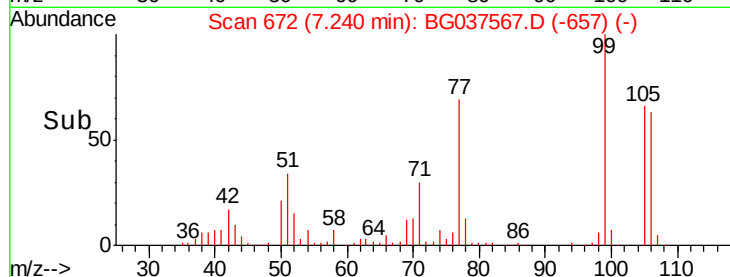
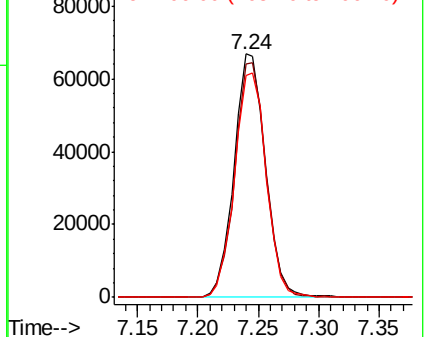
77 100

105 95.8 72.6 112.6

106 91.1 71.3 111.3



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: 16.095 ng

RT: 7.27 min Scan# 678

Delta R.T. 0.00 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

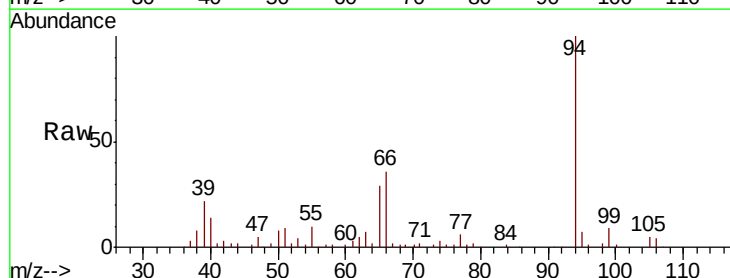
Tgt Ion: 94 Resp: 83194

Ion Ratio Lower Upper

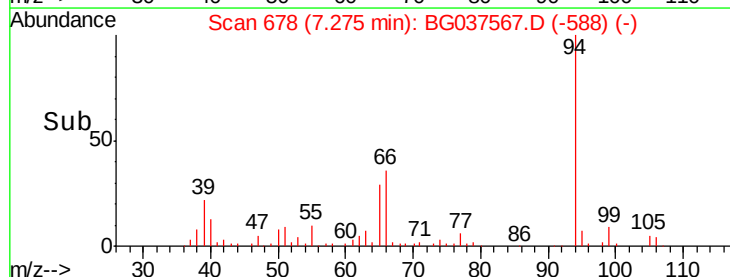
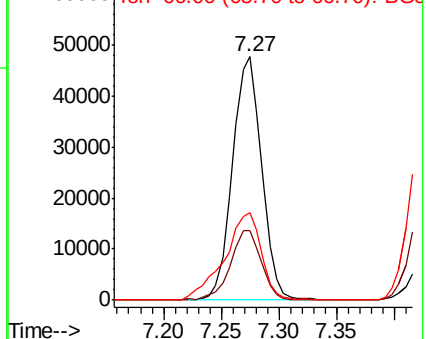
94 100

65 28.6 9.7 49.7

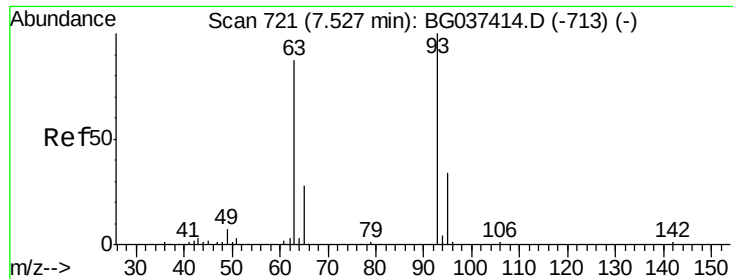
66 35.8 15.9 55.9



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



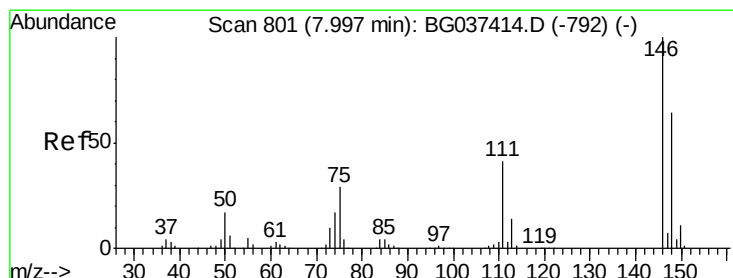
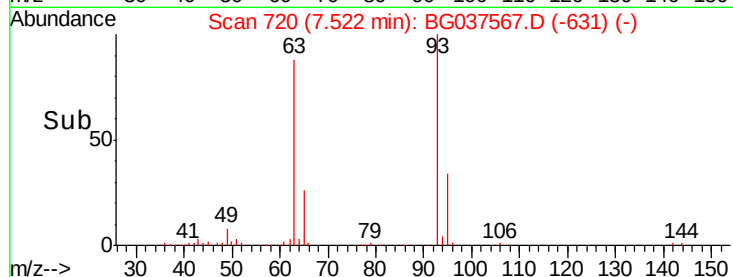
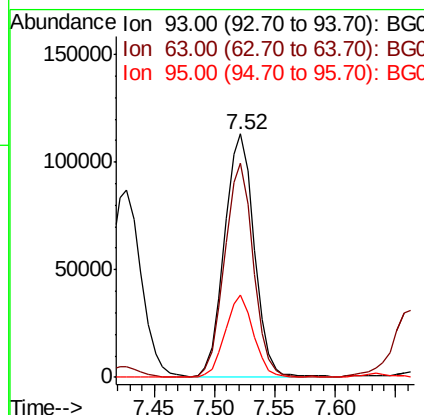
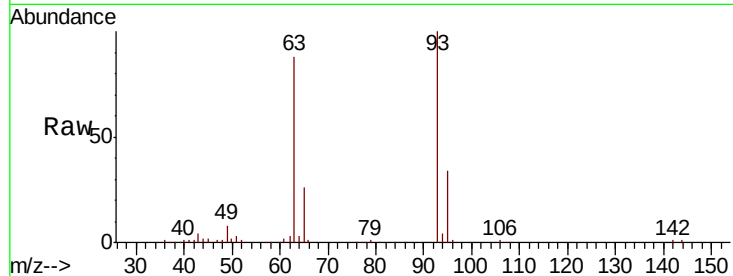




#11  
 bis(2-Chloroethyl)ether  
 Concen: 49.216 ng  
 RT: 7.52 min Scan# 720  
 Delta R.T. -0.01 min  
 Lab File: BG037567.D  
 Acq: 26 Oct 2018 6:05

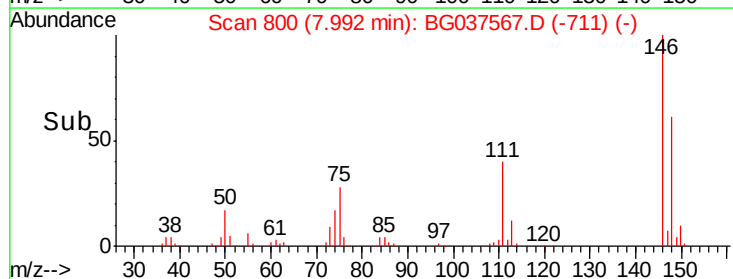
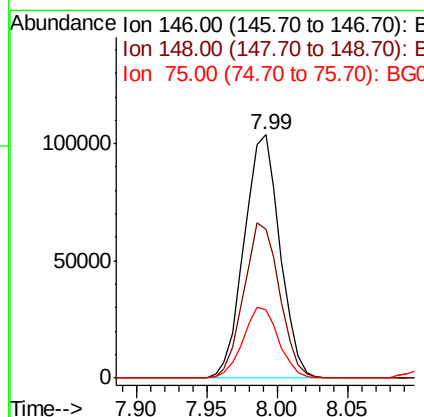
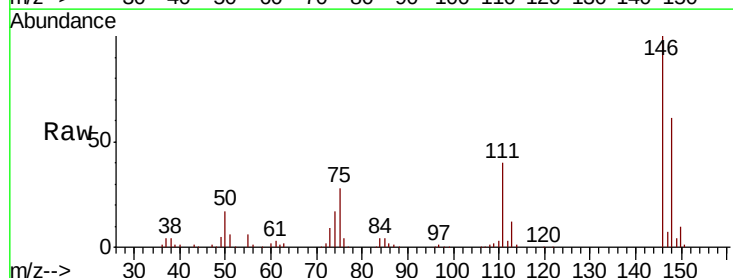
Instrument :  
 BNA\_G  
 ClientSampleId :

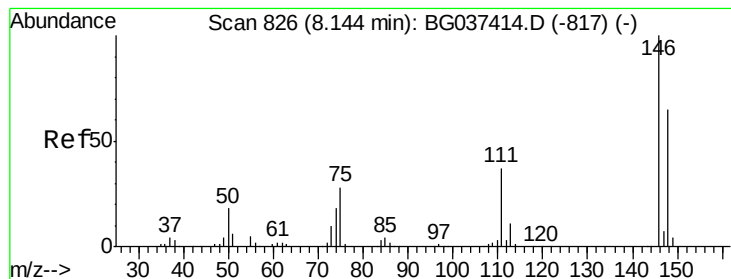
| Tot Ion   | 93    | Resp  | 193215 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 87.9  | 69.5  | 109.5  |
| 95        | 34.0  | 12.6  | 52.6   |



#12  
 1,3-Dichlorobenzene  
 Concen: 43.687 ng  
 RT: 7.99 min Scan# 800  
 Delta R.T. -0.01 min  
 Lab File: BG037567.D  
 Acq: 26 Oct 2018 6:05

| Tgt Ion   | 146   | Resp  | 184336 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 61.2  | 49.8  | 74.8   |
| 75        | 28.0  | 23.2  | 34.8   |





#13

1,4-Dichlorobenzene

Concen: 43.429 ng

RT: 8.14 min Scan# 825

Delta R.T. -0.01 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

Instrument :

BNA\_G

ClientSampled :

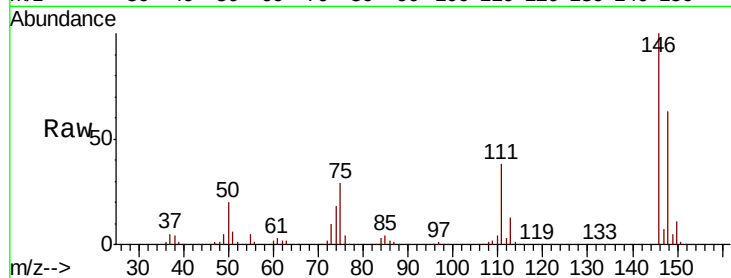
Tot Ion:146 Resp: 187442

Ion Ratio Lower Upper

146 100

148 63.2 51.0 76.6

111 38.0 32.4 48.6

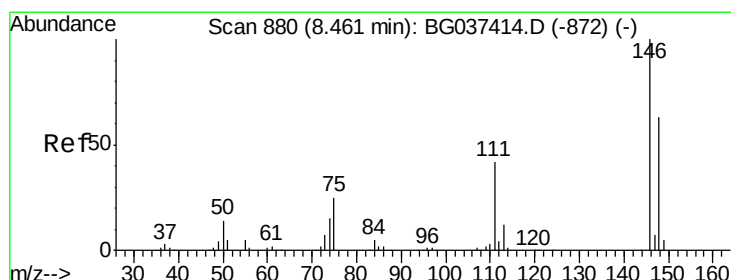
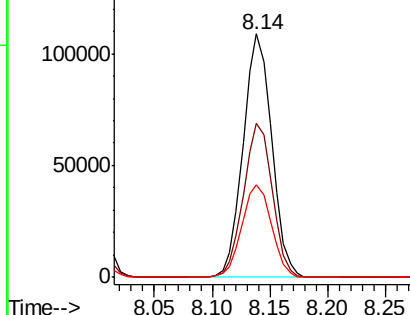
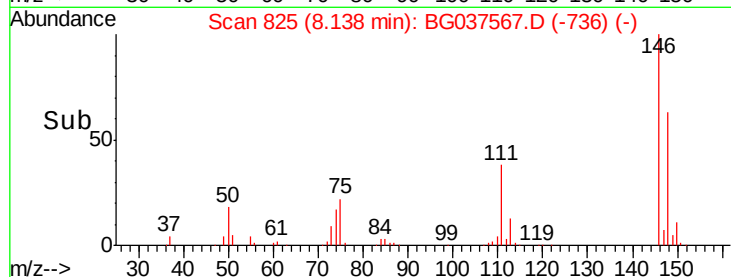


Abundance

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: 43.946 ng

RT: 8.46 min Scan# 879

Delta R.T. -0.01 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

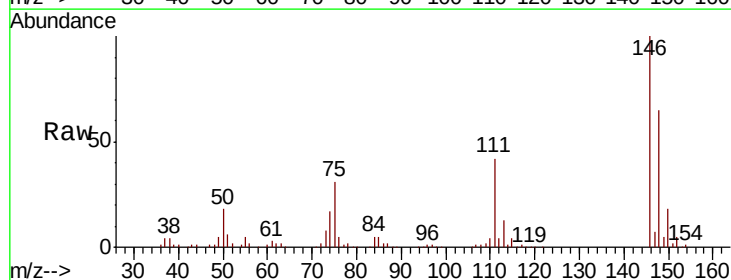
Tgt Ion:146 Resp: 182454

Ion Ratio Lower Upper

146 100

148 65.1 50.4 75.6

111 41.5 34.6 51.8

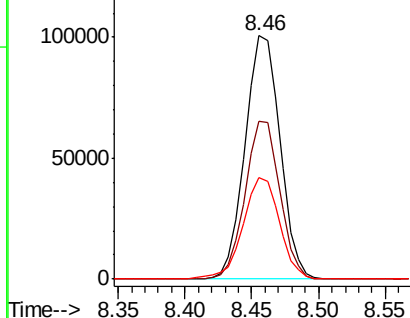
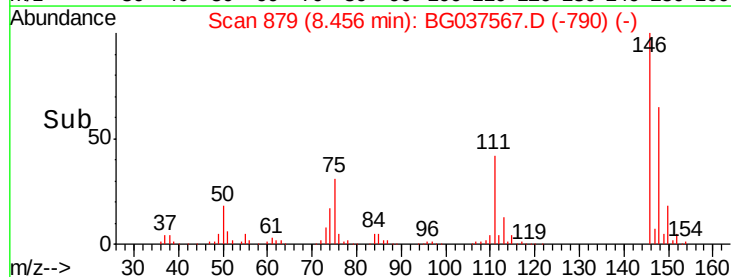


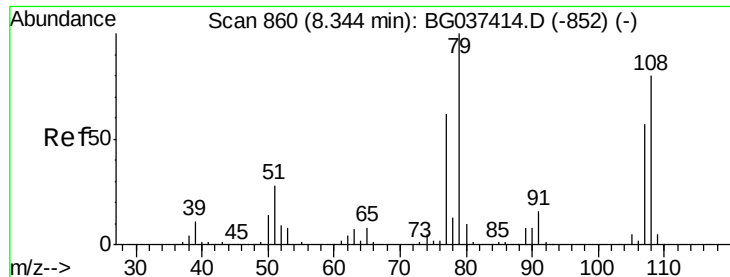
Abundance

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





#15

Benzyl Alcohol

Concen: 32.215 ng

RT: 8.34 min Scan# 860

Delta R.T. 0.00 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

Instrument :

BNA\_G

ClientSampleId :

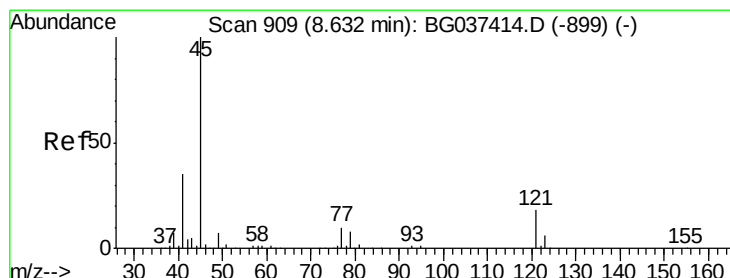
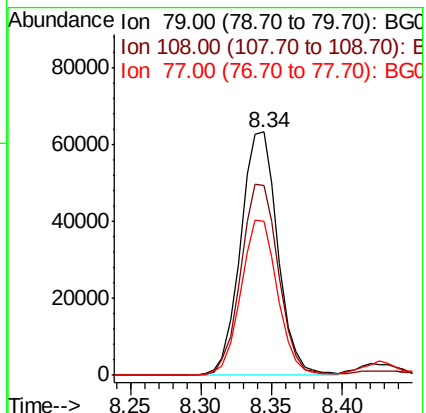
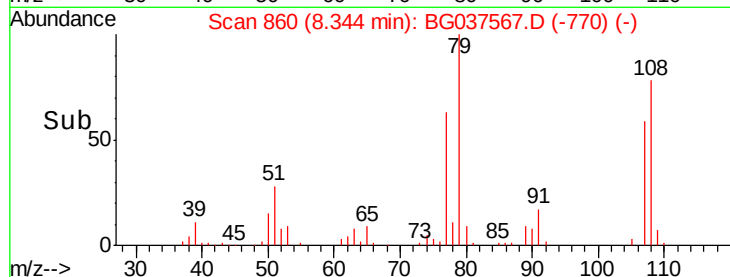
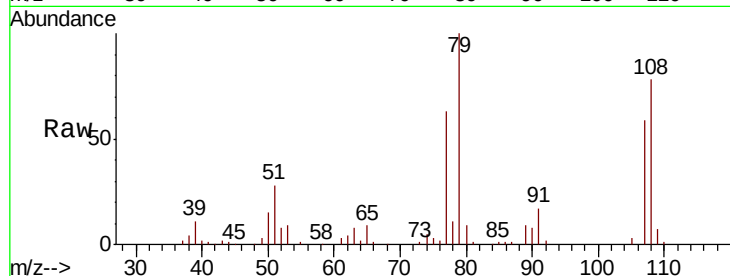
Tot Ion: 79 Resp: 116614

Ion Ratio Lower Upper

79 100

108 77.9 65.8 98.8

77 63.3 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 50.730 ng

RT: 8.62 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

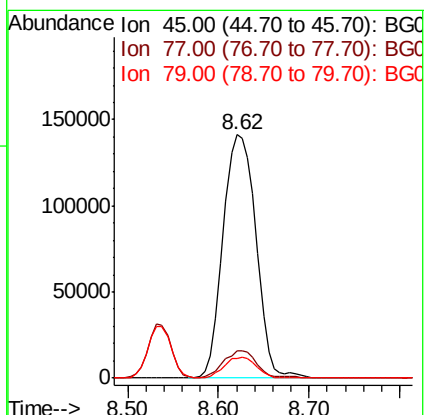
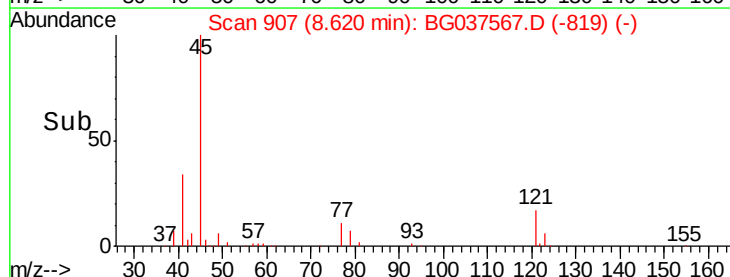
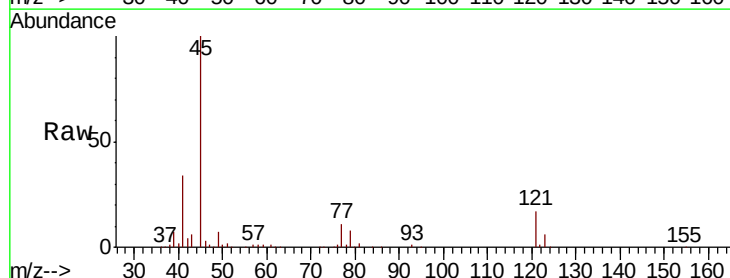
Tgt Ion: 45 Resp: 356353

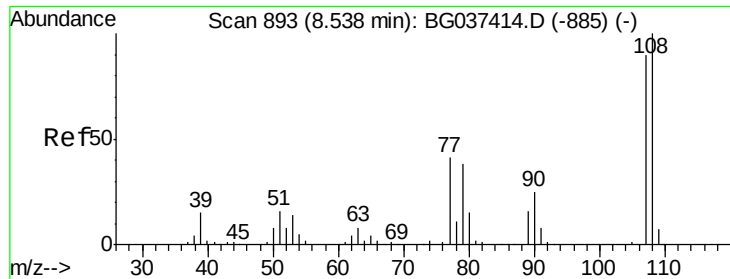
Ion Ratio Lower Upper

45 100

77 11.2 0.0 30.0

79 8.0 0.0 29.0

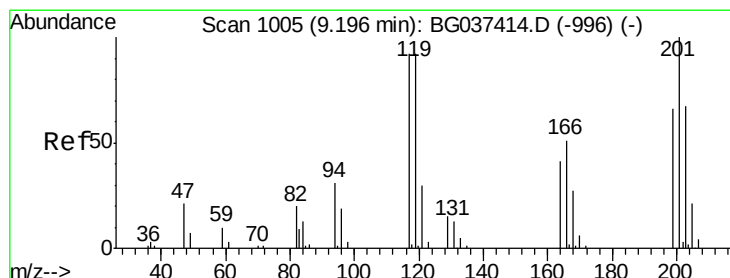
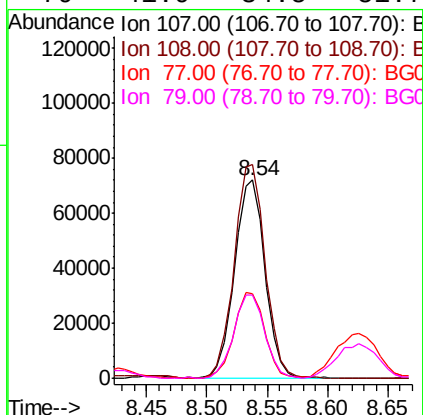
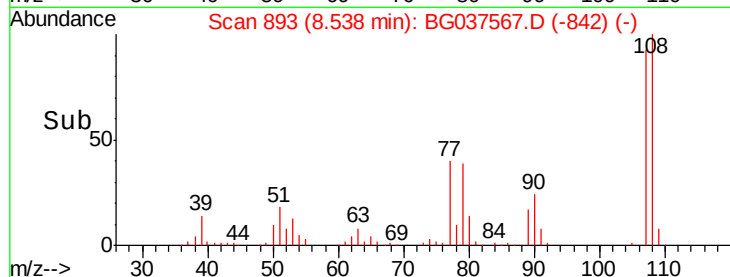
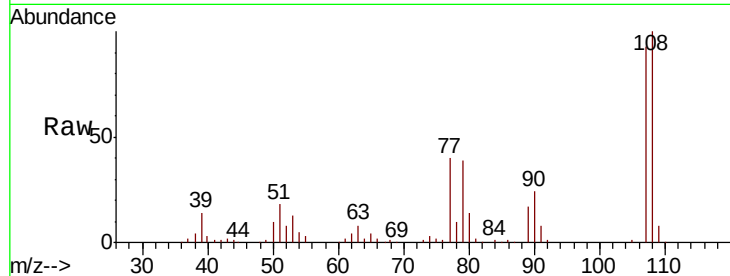




#17  
2-Methylphenol  
Concen: 37.262 ng  
RT: 8.54 min Scan# 893  
Delta R.T. 0.00 min  
Lab File: BG037567.D  
Acq: 26 Oct 2018 6:05

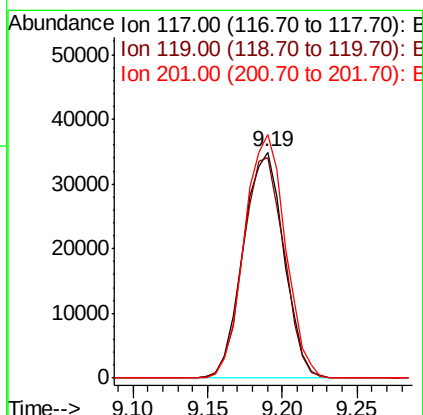
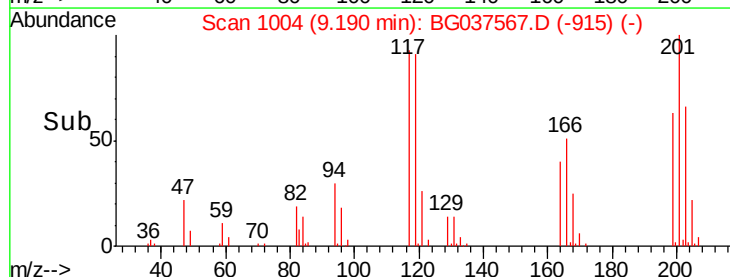
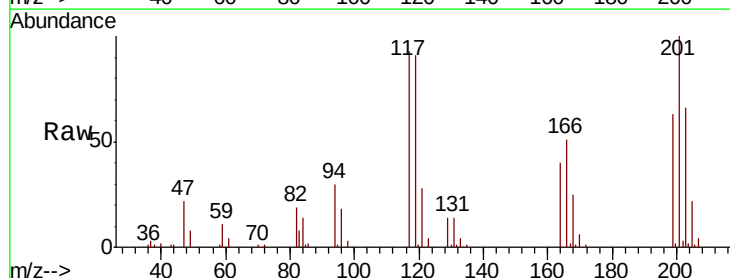
Instrument :  
BNA\_G  
ClientSampled :

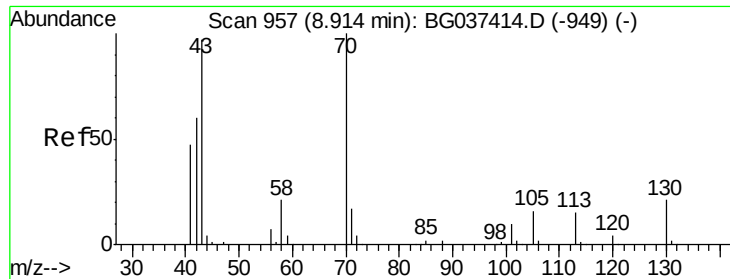
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 127335 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 107.7 | 87.9  | 131.9  |
| 77       | 42.7  | 35.1  | 52.7   |
| 79       | 41.9  | 34.5  | 51.7   |



#18  
Hexachloroethane  
Concen: 44.702 ng  
RT: 9.19 min Scan# 1004  
Delta R.T. -0.01 min  
Lab File: BG037567.D  
Acq: 26 Oct 2018 6:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 65775 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 97.6  | 74.6  | 111.8 |
| 201      | 107.8 | 80.8  | 121.2 |

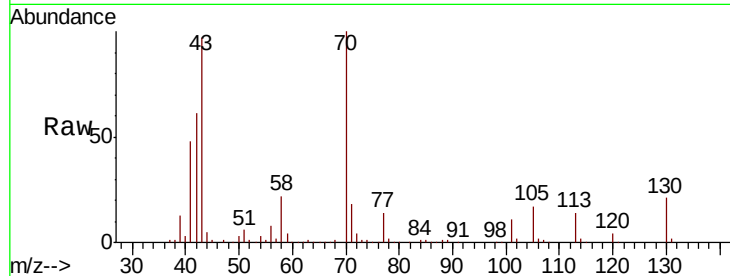




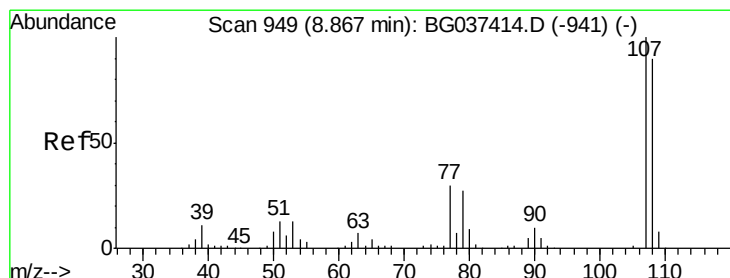
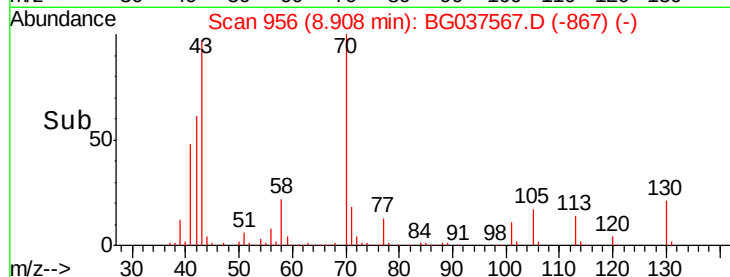
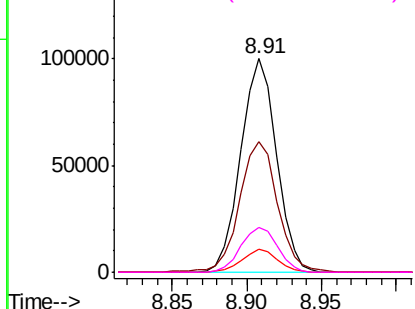
#19  
n-Nitroso-di-n-propylamine  
Concen: 49.244 ng  
RT: 8.91 min Scan# 956  
Delta R.T. -0.01 min  
Lab File: BG037567.D  
Acq: 26 Oct 2018 6:05

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion: 70 Resp: 166126  
Ion Ratio Lower Upper  
70 100  
42 60.9 53.9 80.9  
101 10.9 8.2 12.2  
130 21.0 18.2 27.4

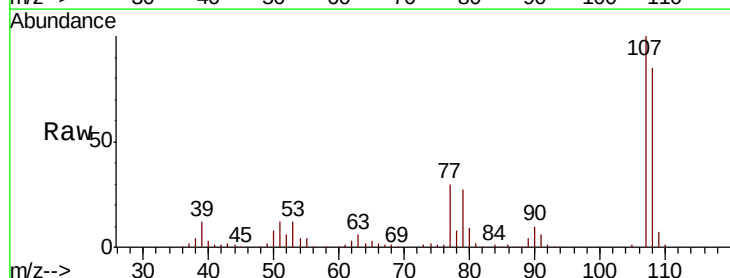


Abundance Ion 70.00 (69.70 to 70.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 101.00 (100.70 to 101.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC

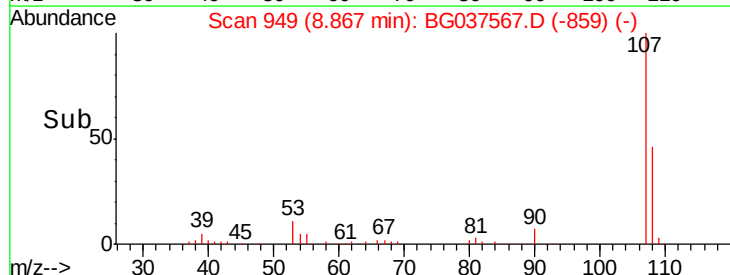
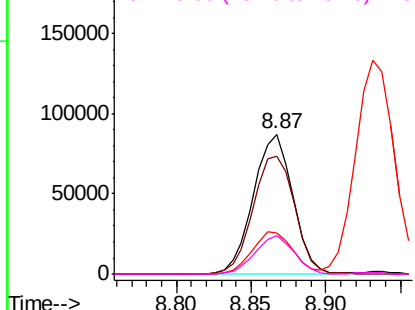


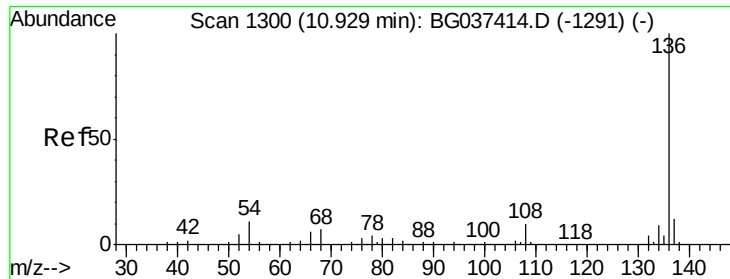
#20  
3+4-Methylphenols  
Concen: 32.555 ng  
RT: 8.87 min Scan# 949  
Delta R.T. 0.00 min  
Lab File: BG037567.D  
Acq: 26 Oct 2018 6:05

Tgt Ion: 107 Resp: 159060  
Ion Ratio Lower Upper  
107 100  
108 84.6 69.9 109.9  
77 29.7 11.2 51.2  
79 27.2 6.6 46.6



Abundance Ion 107.00 (106.70 to 107.70): BGC  
Ion 108.00 (107.70 to 108.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC

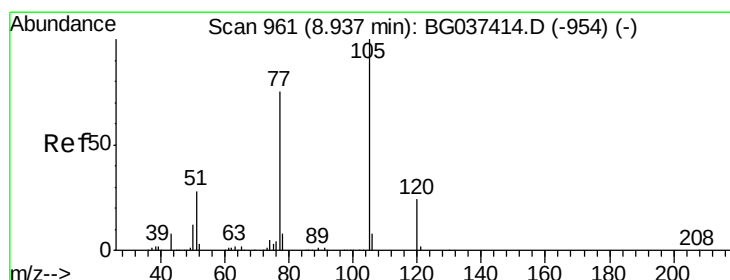
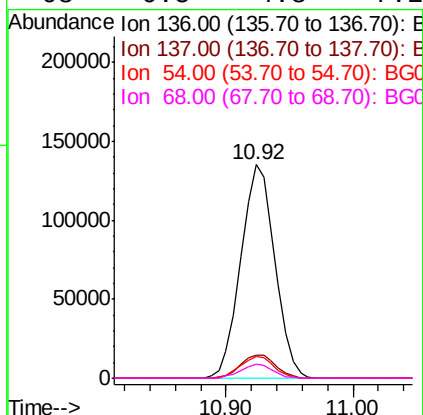
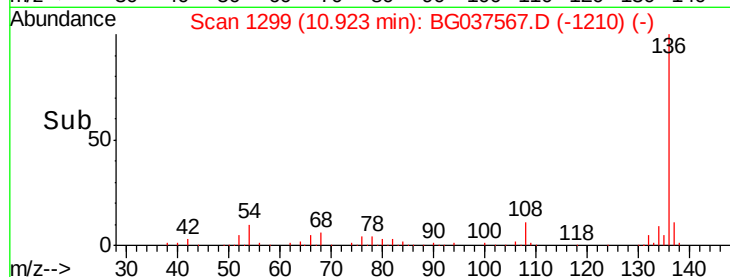
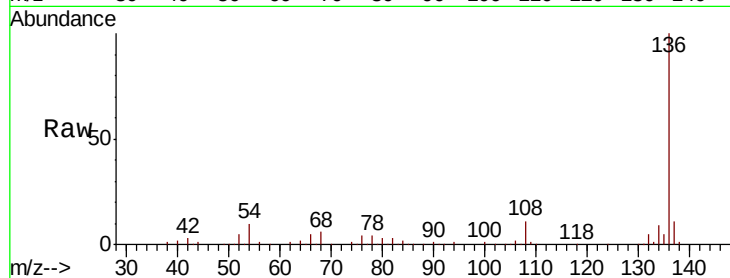




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.92 min Scan# 1299  
Delta R.T. -0.01 min  
Lab File: BG037567.D  
Acq: 26 Oct 2018 6:05

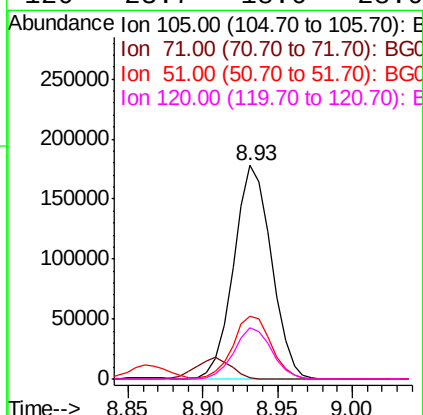
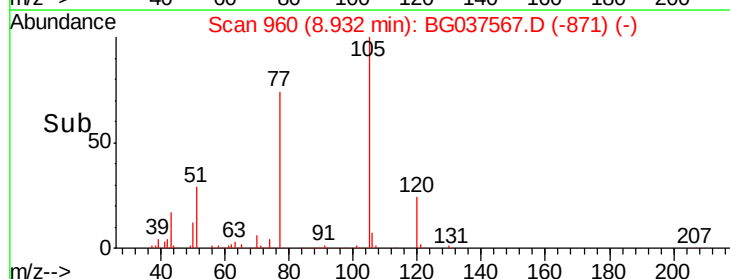
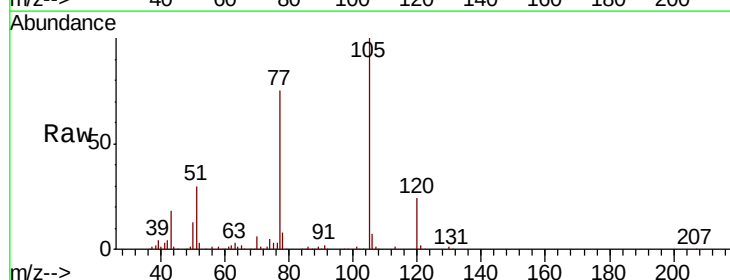
Instrument :  
BNA\_G  
ClientSampleId :

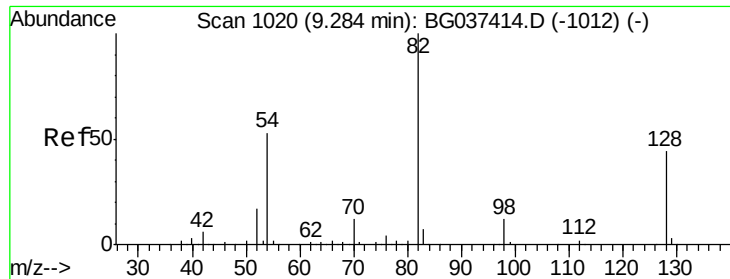
|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 251937   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.0  | 9.6 14.4 |
| 54          | 10.2  | 7.9 11.9 |
| 68          | 6.5   | 4.8 7.2  |



#22  
Acetophenone  
Concen: 49.300 ng  
RT: 8.93 min Scan# 960  
Delta R.T. -0.01 min  
Lab File: BG037567.D  
Acq: 26 Oct 2018 6:05

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 311501    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 0.9   | 1.2 1.8#  |
| 51          | 29.6  | 25.0 37.6 |
| 120         | 23.7  | 18.6 28.0 |

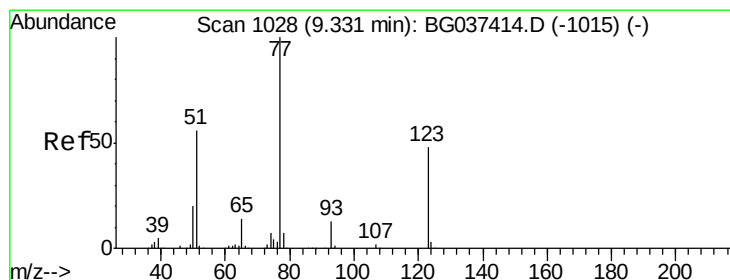
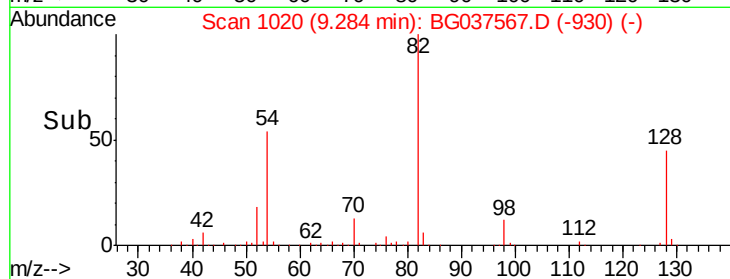
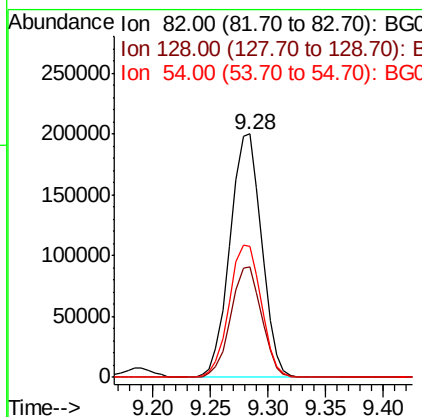
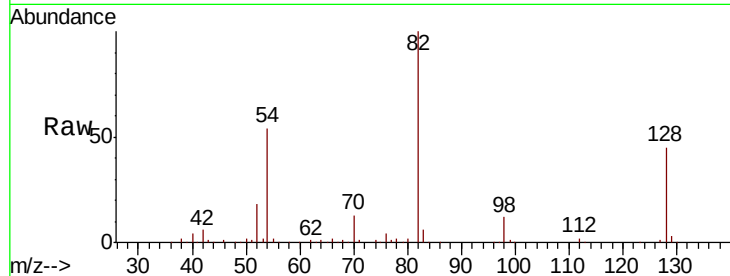




#23  
 Nitrobenzene-d5  
 Concen: 84.755 ng  
 RT: 9.28 min Scan# 1020  
 Delta R.T. 0.00 min  
 Lab File: BG037567.D  
 Acq: 26 Oct 2018 6:05

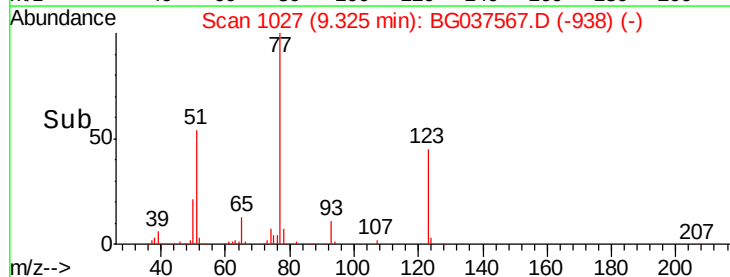
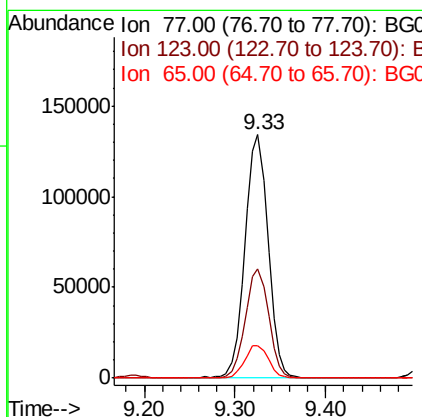
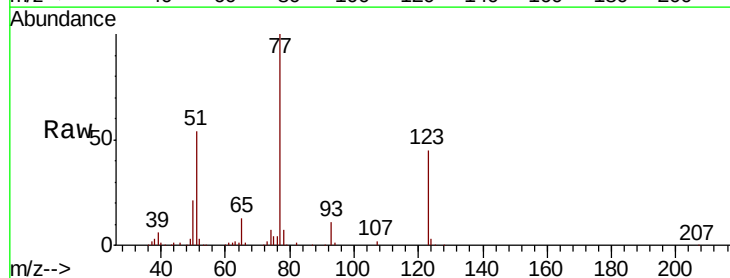
Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion   | 82   | Resp  | 381172 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 45.4 | 34.6  | 51.8   |
| 54        | 53.8 | 45.3  | 67.9   |

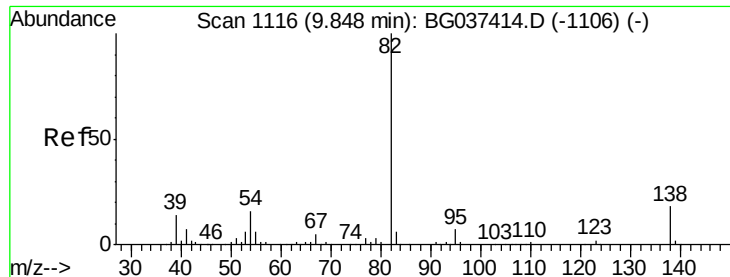


#24  
 Nitrobenzene  
 Concen: 50.848 ng  
 RT: 9.33 min Scan# 1027  
 Delta R.T. -0.01 min  
 Lab File: BG037567.D  
 Acq: 26 Oct 2018 6:05

| Tgt Ion   | 77   | Resp  | 237567 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 123       | 45.1 | 33.6  | 50.4   |
| 65        | 13.3 | 11.3  | 16.9   |







#25

Isophorone

Concen: 57.955 ng

RT: 9.84 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

Instrument :

BNA\_G

ClientSampleId :

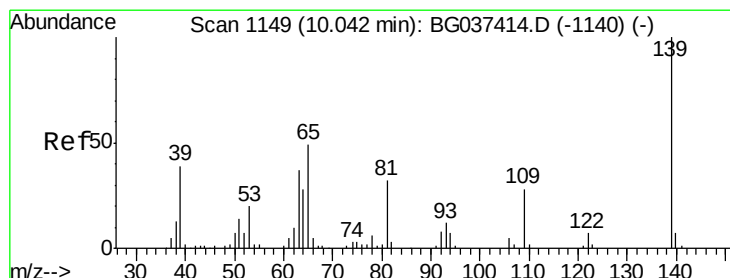
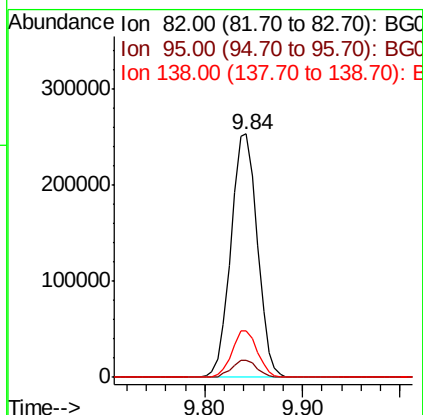
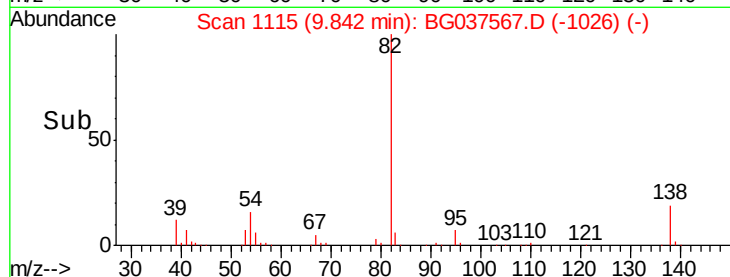
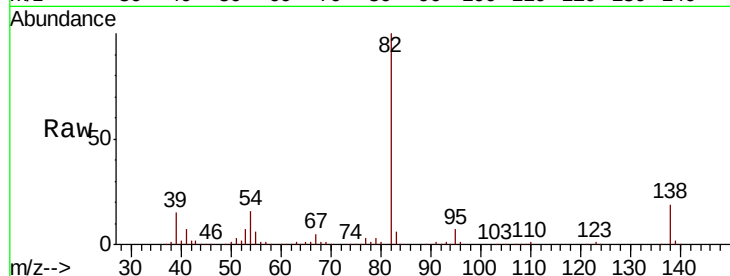
Tot Ion: 82 Resp: 476238

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

138 18.9 13.3 19.9



#26

2-Nitrophenol

Concen: 54.022 ng

RT: 10.04 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

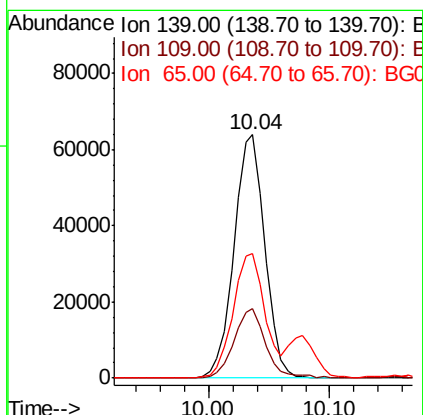
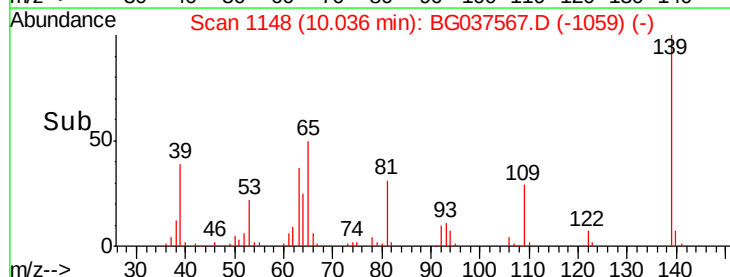
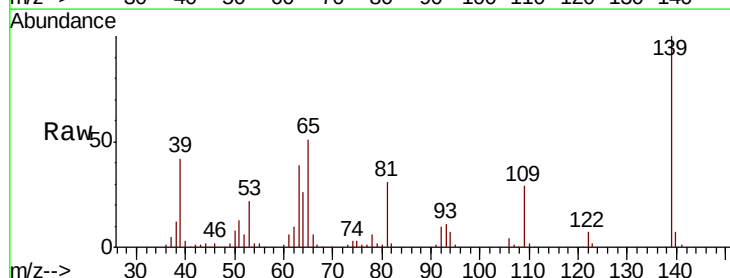
Tgt Ion: 139 Resp: 113702

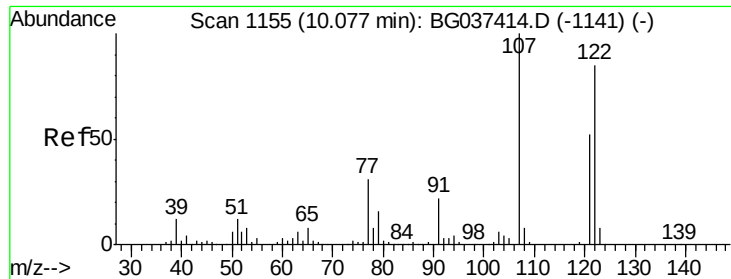
Ion Ratio Lower Upper

139 100

109 28.7 23.3 34.9

65 51.2 39.8 59.8

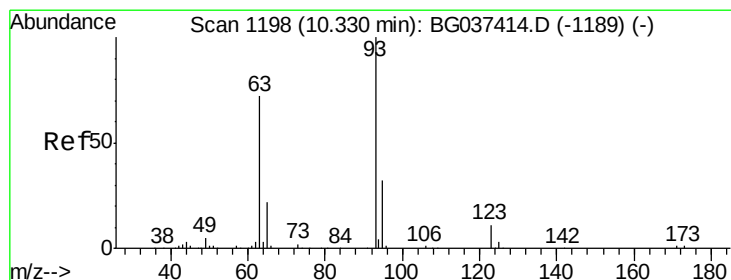
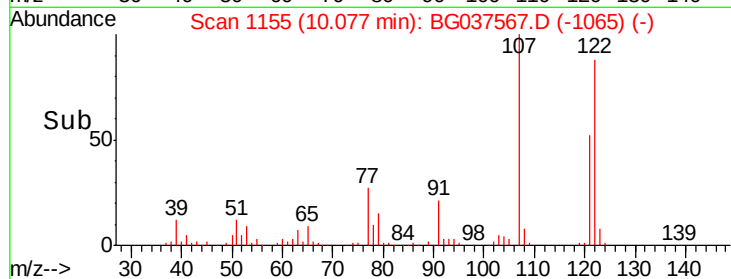
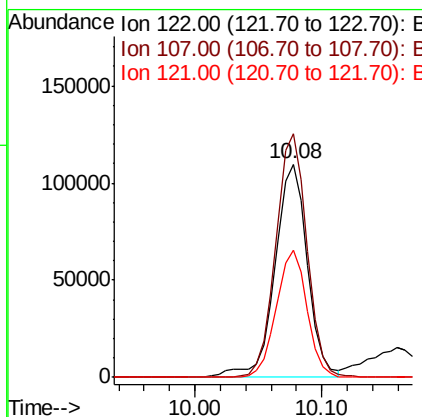
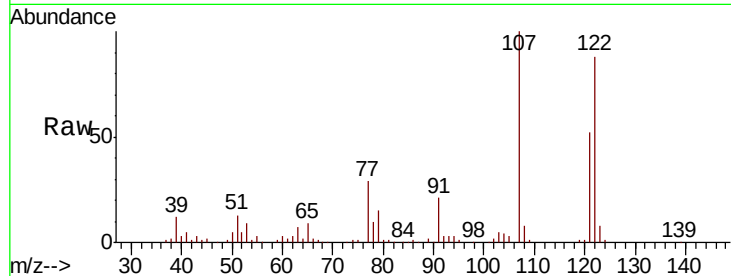




#27  
 2,4-Dimethylphenol  
 Concen: 52.000 ng  
 RT: 10.08 min Scan# 1155  
 Delta R.T. 0.00 min  
 Lab File: BG037567.D  
 Acq: 26 Oct 2018 6:05

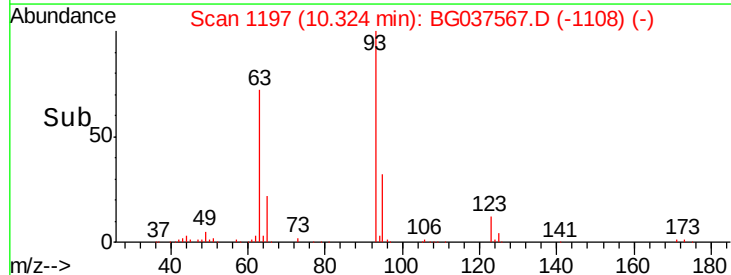
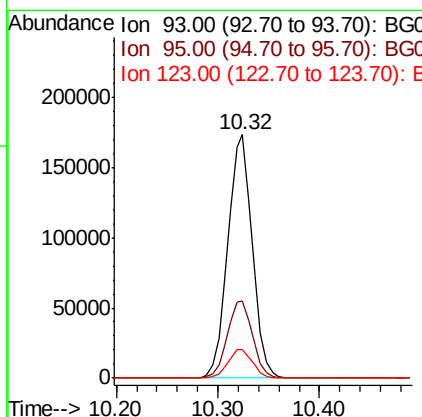
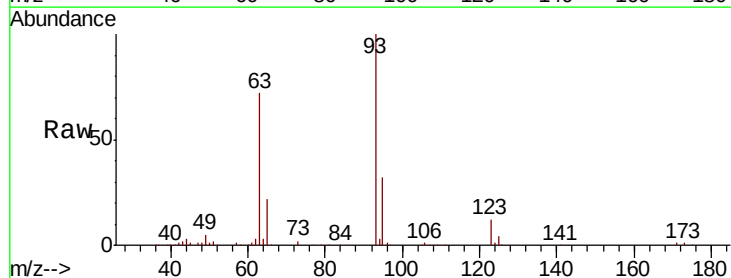
Instrument :  
 BNA\_G  
 ClientSampleId :

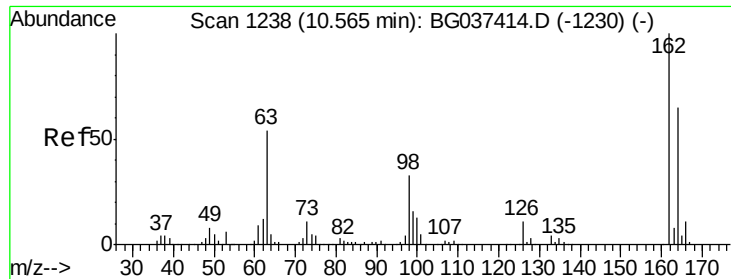
Tot Ion:122 Resp: 195414  
 Ion Ratio Lower Upper  
 122 100  
 107 114.1 94.2 141.2  
 121 59.4 47.3 70.9



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 53.776 ng  
 RT: 10.32 min Scan# 1197  
 Delta R.T. -0.01 min  
 Lab File: BG037567.D  
 Acq: 26 Oct 2018 6:05

Tgt Ion: 93 Resp: 289525  
 Ion Ratio Lower Upper  
 93 100  
 95 31.7 24.6 37.0  
 123 11.8 9.1 13.7

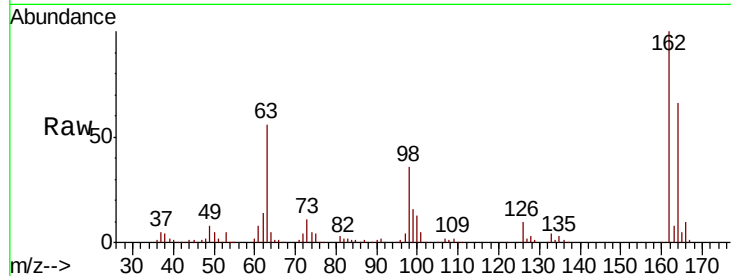




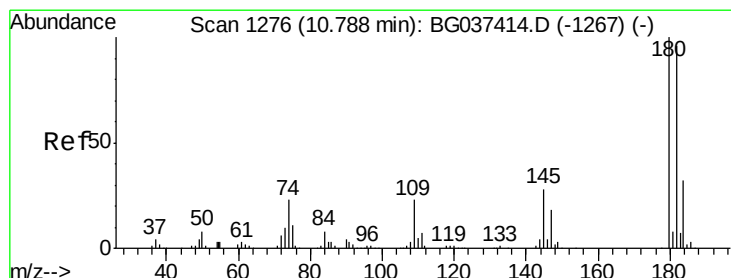
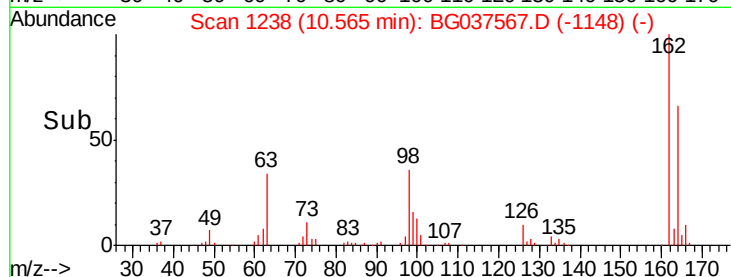
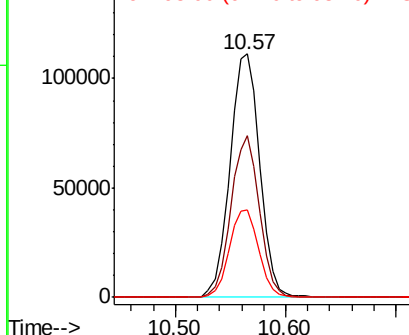
#29  
 2,4-Dichlorophenol  
 Concen: 50.186 ng  
 RT: 10.57 min Scan# 1238  
 Delta R.T. 0.00 min  
 Lab File: BG037567.D  
 Acq: 26 Oct 2018 6:05

Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.5  | 43.2  | 83.2  |
| 98      | 36.0  | 16.0  | 56.0  |

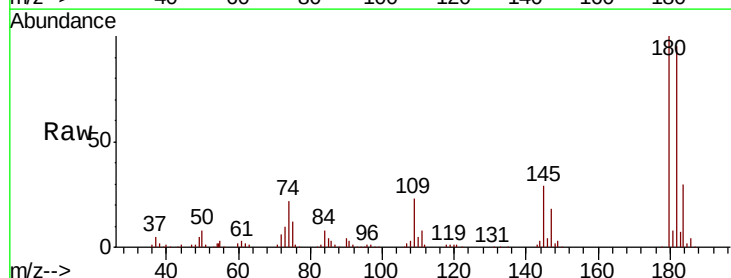


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BGC

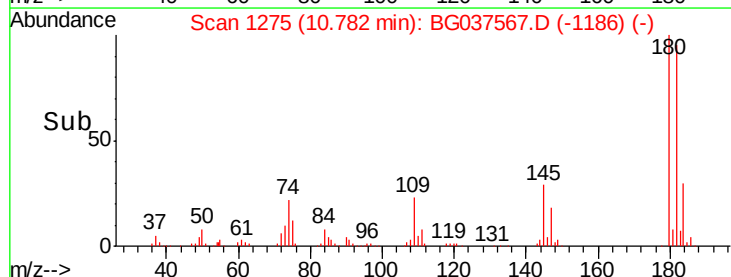
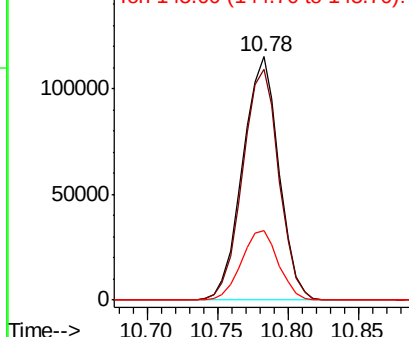


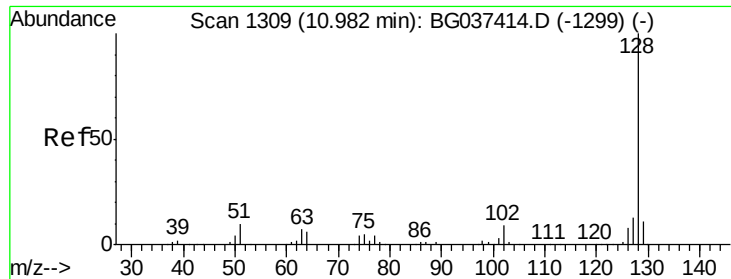
#30  
 1,2,4-Trichlorobenzene  
 Concen: 45.428 ng  
 RT: 10.78 min Scan# 1275  
 Delta R.T. -0.01 min  
 Lab File: BG037567.D  
 Acq: 26 Oct 2018 6:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.0  | 77.7  | 116.5 |
| 145     | 28.8  | 23.3  | 34.9  |



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

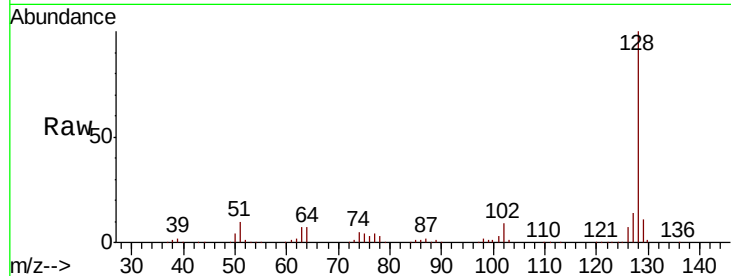




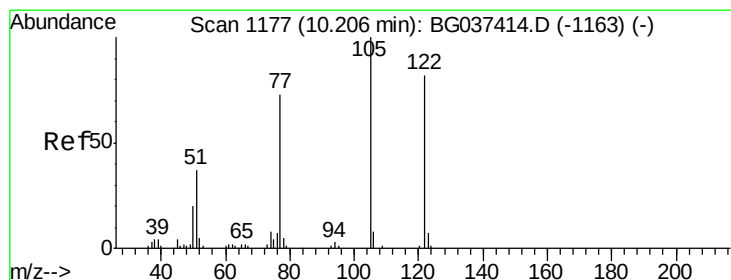
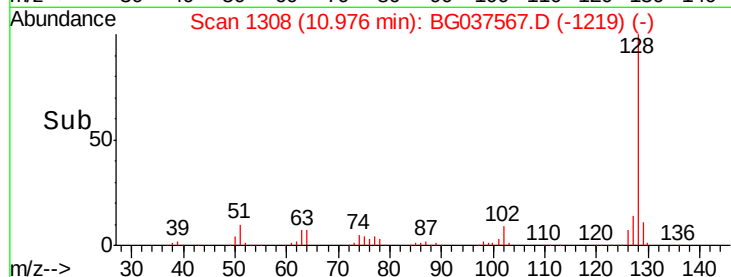
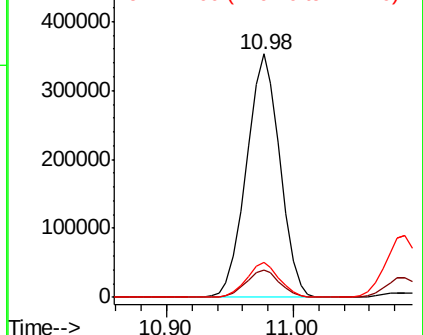
#31  
Naphthalene  
Concen: 52.090 ng  
RT: 10.98 min Scan# 1308  
Delta R.T. -0.01 min  
Lab File: BG037567.D  
Acq: 26 Oct 2018 6:05

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:128 Resp: 644593  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.0 13.6  
127 14.3 11.1 16.7

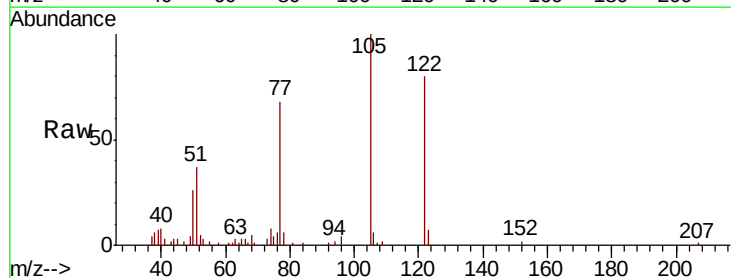


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

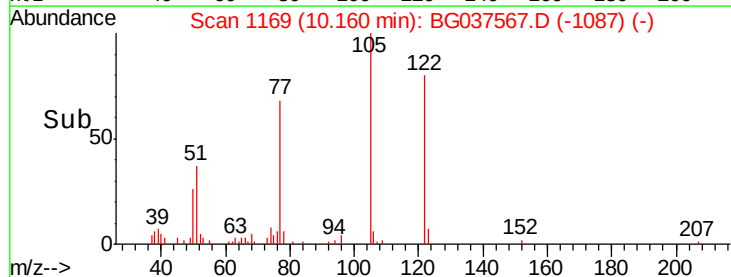
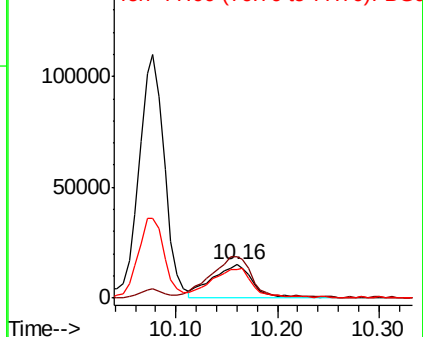


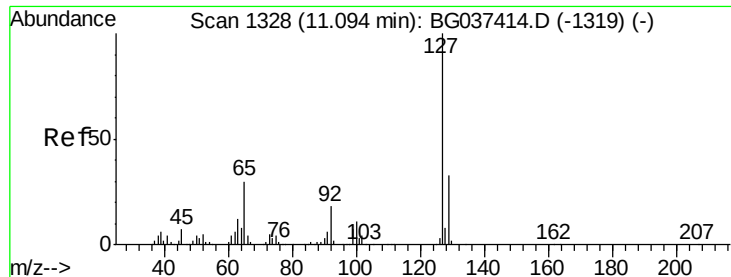
#32  
Benzoic acid  
Concen: 16.902 ng  
RT: 10.16 min Scan# 1169  
Delta R.T. -0.05 min  
Lab File: BG037567.D  
Acq: 26 Oct 2018 6:05

Tgt Ion:122 Resp: 41255  
Ion Ratio Lower Upper  
122 100  
105 125.4 106.7 146.7  
77 85.2 72.2 112.2



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

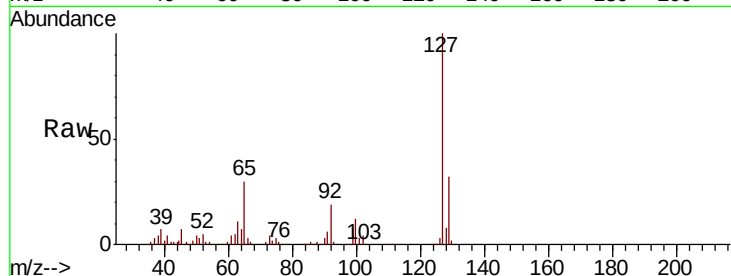




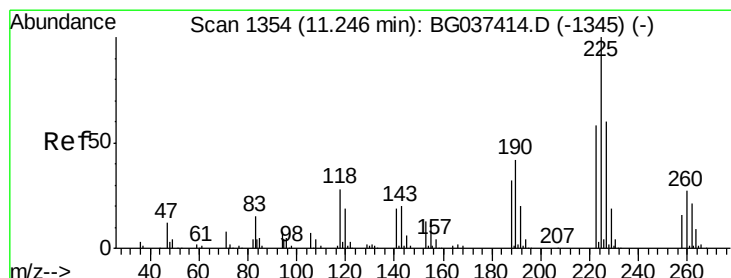
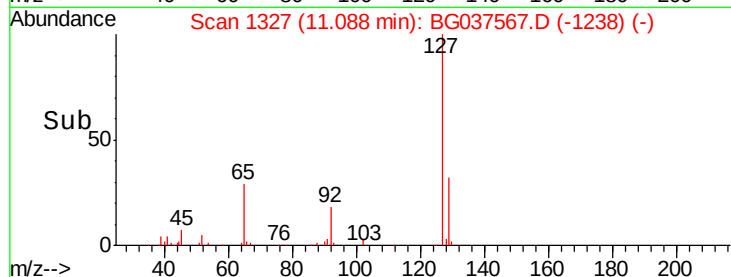
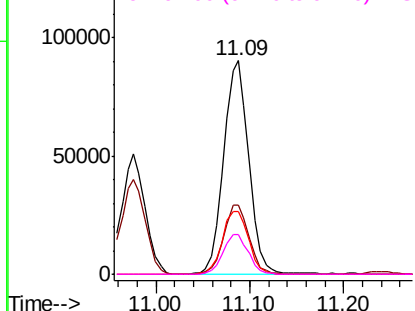
#33  
4-Chloroaniline  
Concen: 28.729 ng  
RT: 11.09 min Scan# 1327  
Delta R.T. -0.01 min  
Lab File: BG037567.D  
Acq: 26 Oct 2018 6:05

Instrument :  
BNA\_G  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 167040 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.2  | 27.1  | 40.7   |
| 65       | 29.5  | 26.6  | 39.8   |
| 92       | 18.5  | 16.4  | 24.6   |

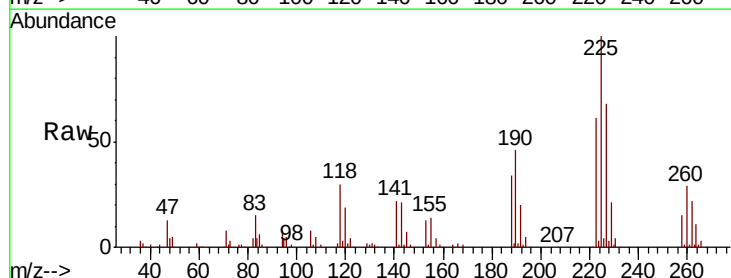


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGO  
Ion 92.00 (91.70 to 92.70): BGO

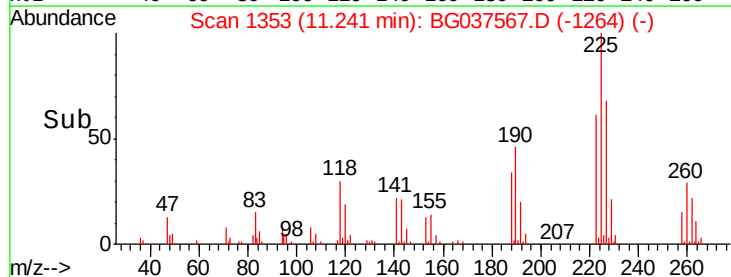
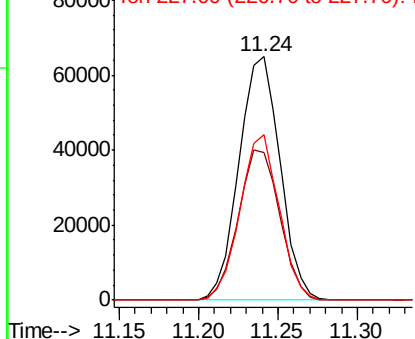


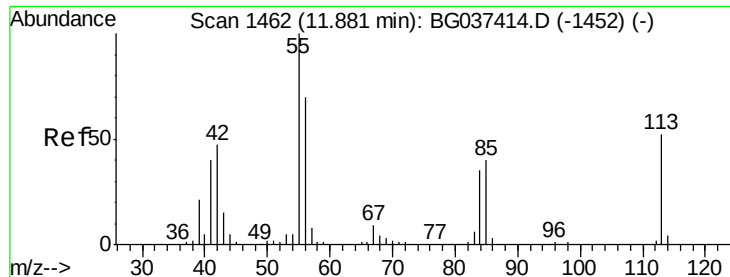
#34  
Hexachlorobutadiene  
Concen: 43.345 ng  
RT: 11.24 min Scan# 1353  
Delta R.T. -0.01 min  
Lab File: BG037567.D  
Acq: 26 Oct 2018 6:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 116890 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 60.8  | 48.2  | 72.4   |
| 227      | 68.0  | 51.6  | 77.4   |



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

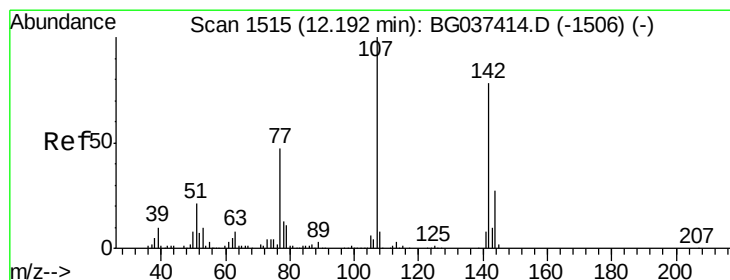
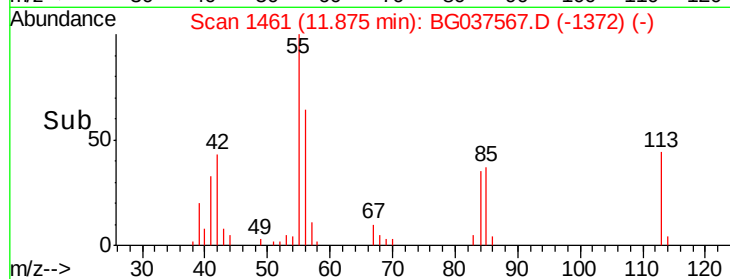
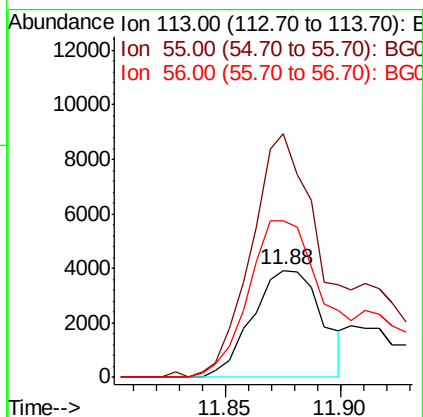
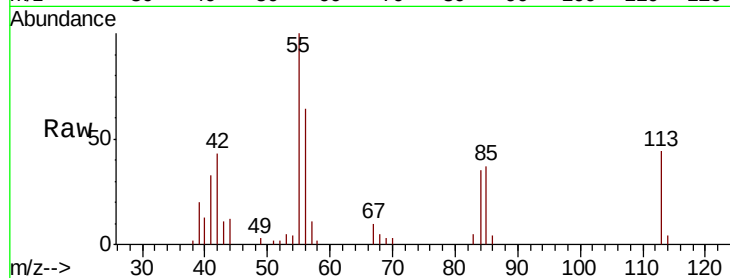




#35  
 Caprolactam  
 Concen: 4.874 ng  
 RT: 11.88 min Scan# 1461  
 Delta R.T. -0.01 min  
 Lab File: BG037567.D  
 Acq: 26 Oct 2018 6:05

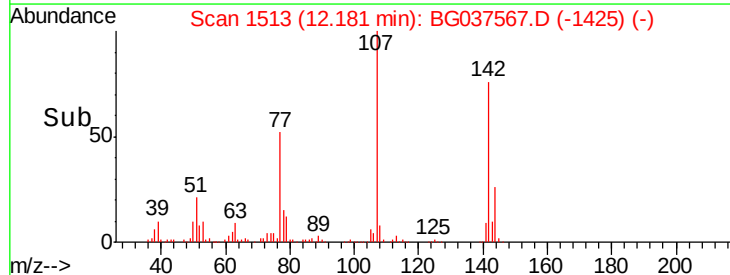
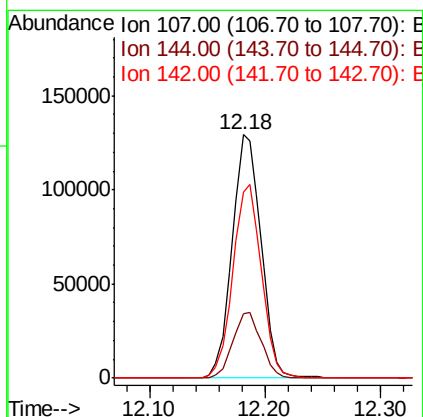
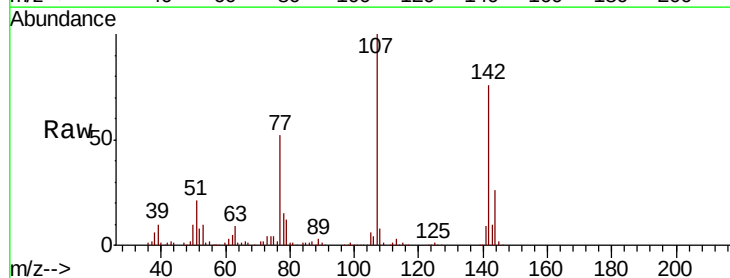
Instrument :  
 BNA\_G  
 ClientSampled :

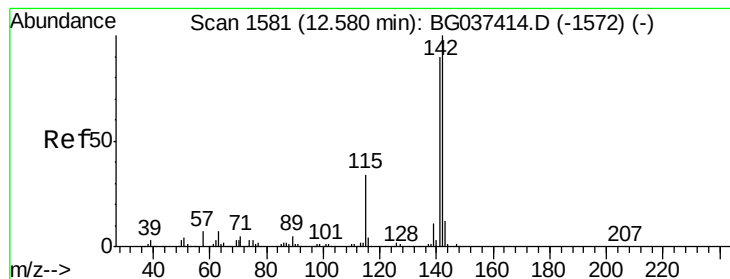
Tot Ion:113 Resp: 8179  
 Ion Ratio Lower Upper  
 113 100  
 55 227.5 176.6 216.6#  
 56 146.4 128.3 168.3



#36  
 4-Chloro-3-methylphenol  
 Concen: 47.458 ng  
 RT: 12.18 min Scan# 1513  
 Delta R.T. -0.01 min  
 Lab File: BG037567.D  
 Acq: 26 Oct 2018 6:05

Tgt Ion:107 Resp: 223941  
 Ion Ratio Lower Upper  
 107 100  
 144 26.2 20.7 31.1  
 142 76.5 64.4 96.6





#37

2-Methylnaphthalene

Concen: 55.951 ng

RT: 12.57 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

Instrument :

BNA\_G

ClientSampleId :

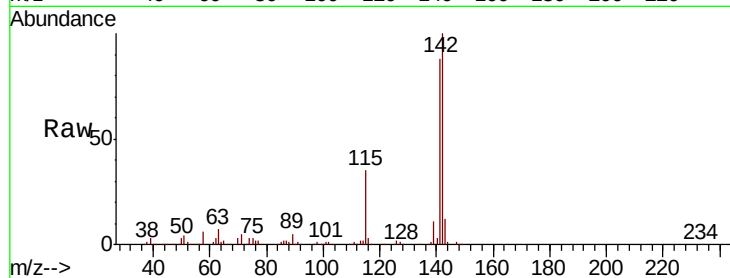
Tot Ion:142 Resp: 504705

Ion Ratio Lower Upper

142 100

141 88.1 71.9 107.9

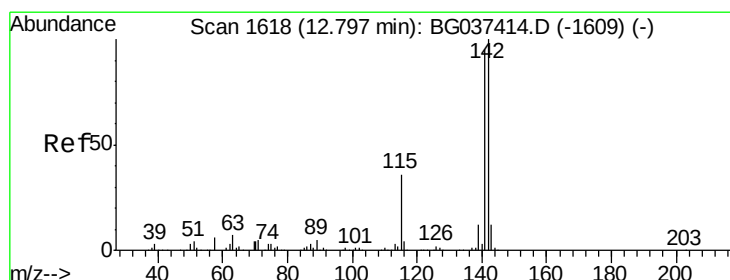
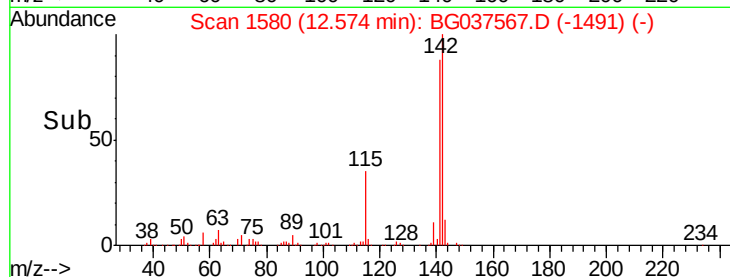
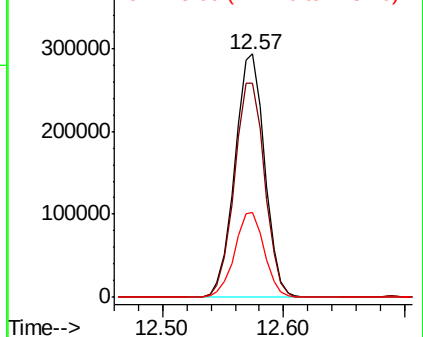
115 34.8 27.8 41.8



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

1-Methylnaphthalene

Concen: 54.741 ng

RT: 12.79 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

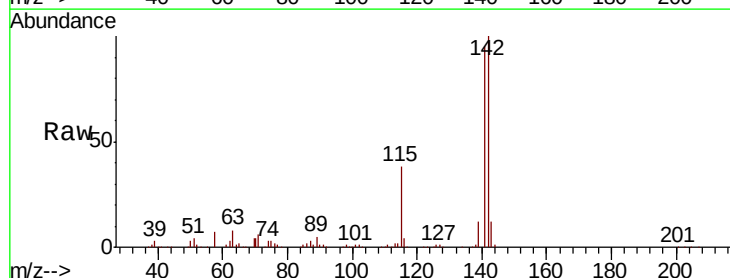
Tgt Ion:142 Resp: 479541

Ion Ratio Lower Upper

142 100

141 95.5 75.2 112.8

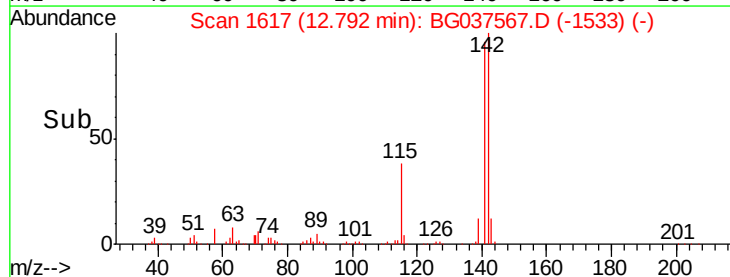
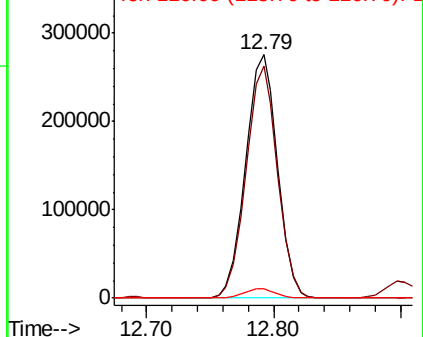
116 3.6 3.3 4.9

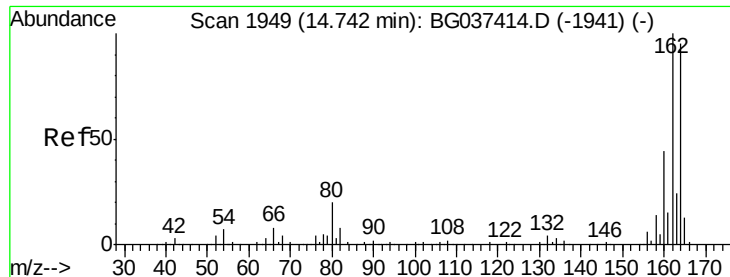


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

Instrument :

BNA\_G

ClientSampled :

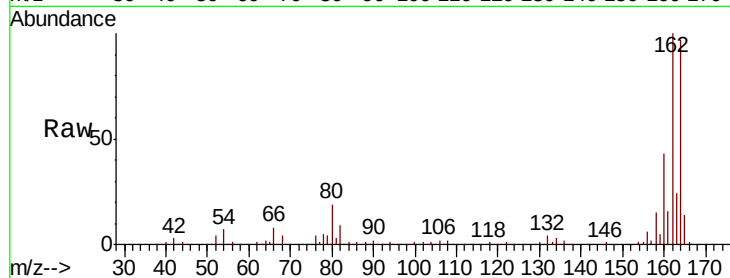
Tot Ion:164 Resp: 170000

Ion Ratio Lower Upper

164 100

162 103.3 81.3 121.9

160 44.5 36.3 54.5

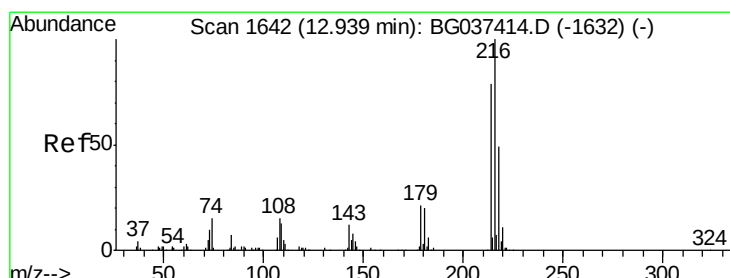
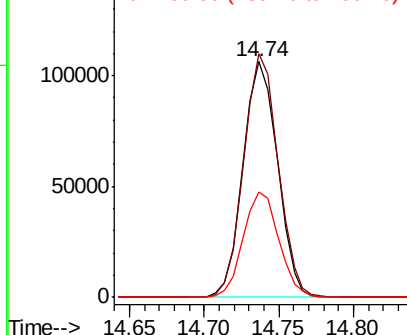
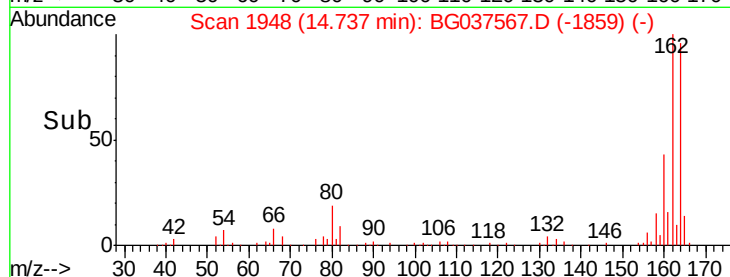


Abundance

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.657 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

Tgt Ion:216 Resp: 255838

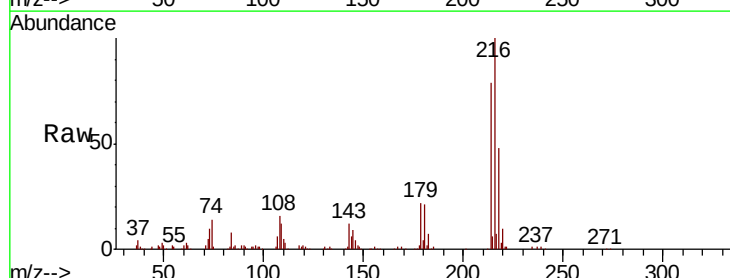
Ion Ratio Lower Upper

216 100

214 78.8 63.8 95.6

179 20.9 17.4 26.0

108 18.8 13.9 20.9



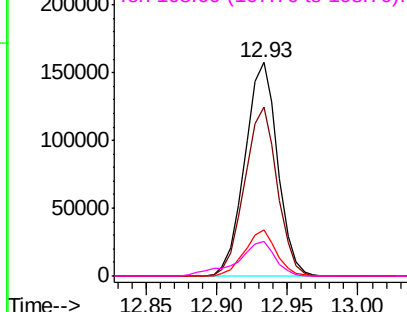
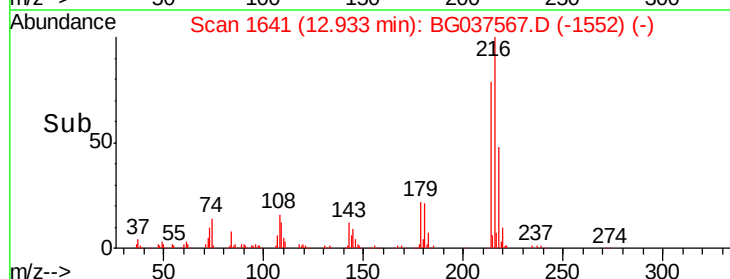
Abundance

Ion 216.00 (215.70 to 216.70): E

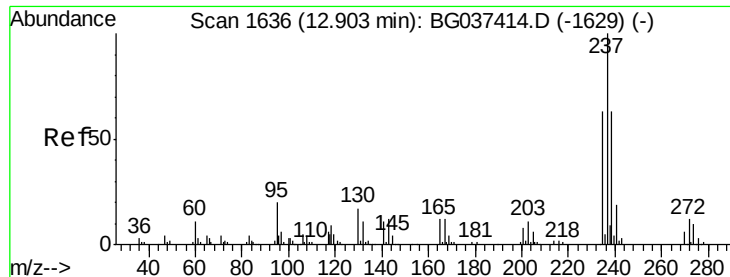
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



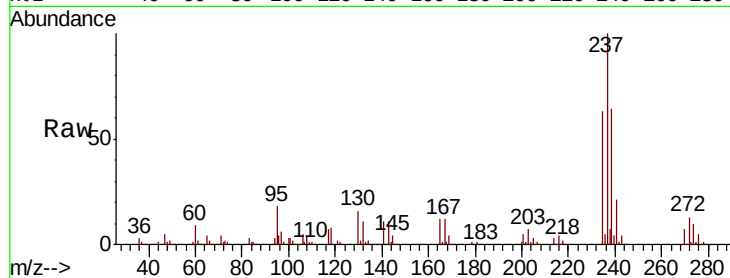




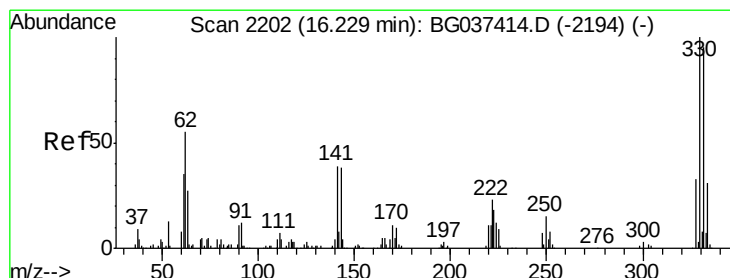
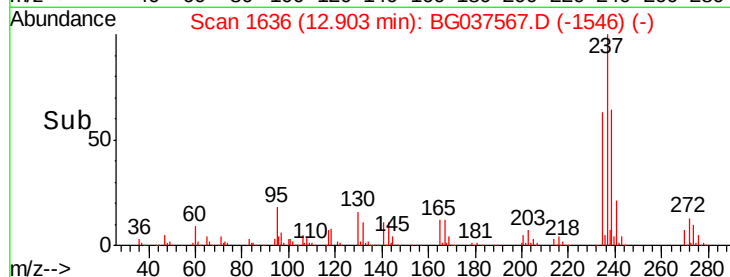
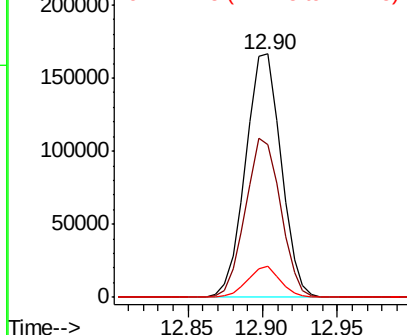
#41  
Hexachlorocyclopentadiene  
Concen: 104.895 ng  
RT: 12.90 min Scan# 1636  
Delta R.T. 0.00 min  
Lab File: BG037567.D  
Acq: 26 Oct 2018 6:05

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:237 Resp: 274750  
Ion Ratio Lower Upper  
237 100  
235 62.8 42.5 82.5  
272 12.6 0.0 31.6

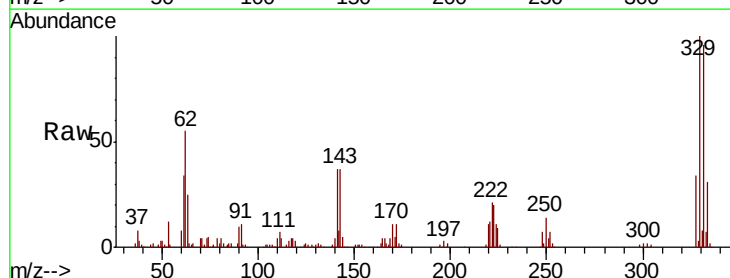


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

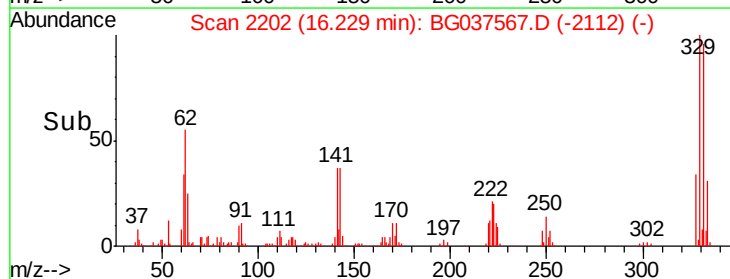
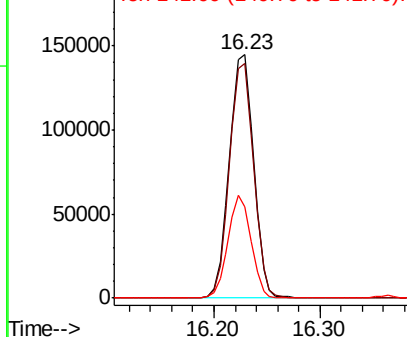


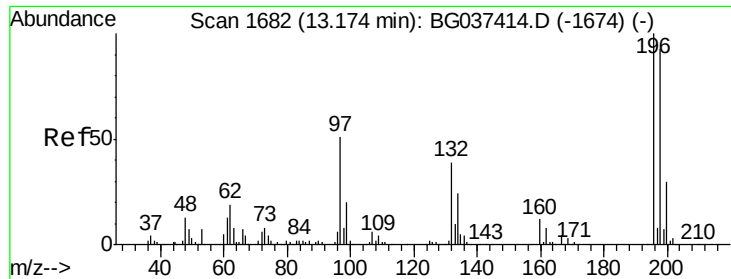
#42  
2,4,6-Tribromophenol  
Concen: 124.149 ng  
RT: 16.23 min Scan# 2202  
Delta R.T. 0.00 min  
Lab File: BG037567.D  
Acq: 26 Oct 2018 6:05

Tgt Ion:330 Resp: 230193  
Ion Ratio Lower Upper  
330 100  
332 95.8 78.4 117.6  
141 39.9 32.2 48.2



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

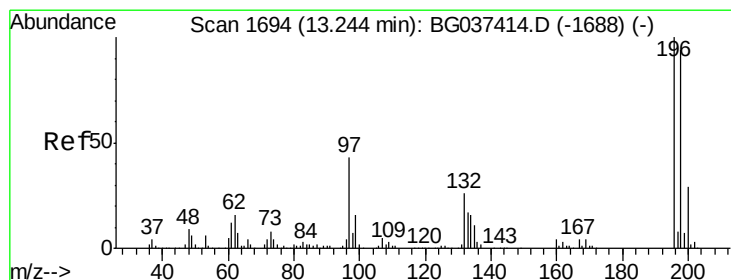
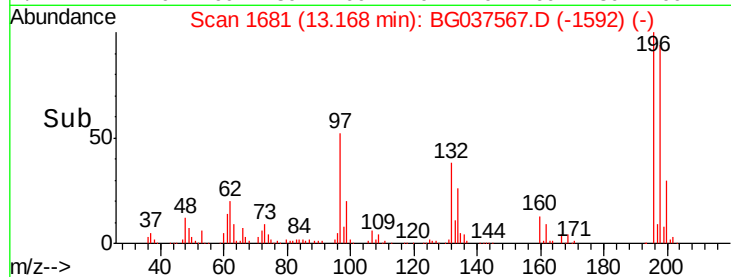
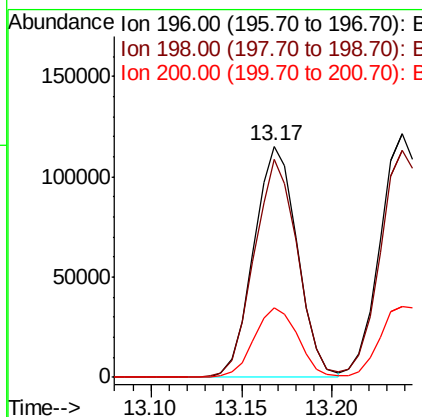
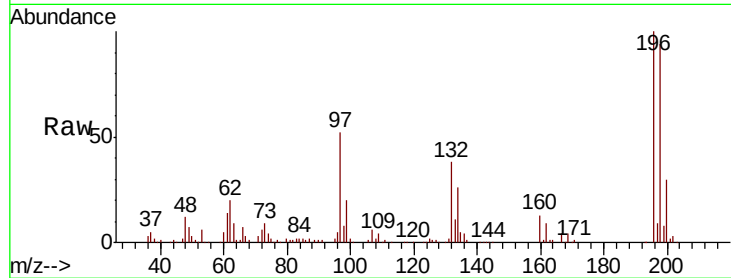




#43  
 2,4,6-Trichlorophenol  
 Concen: 52.401 ng  
 RT: 13.17 min Scan# 1681  
 Delta R.T. -0.01 min  
 Lab File: BG037567.D  
 Acq: 26 Oct 2018 6:05

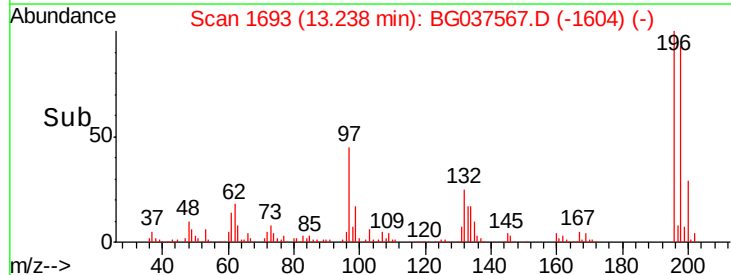
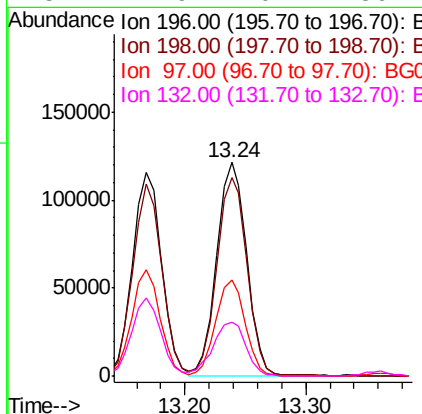
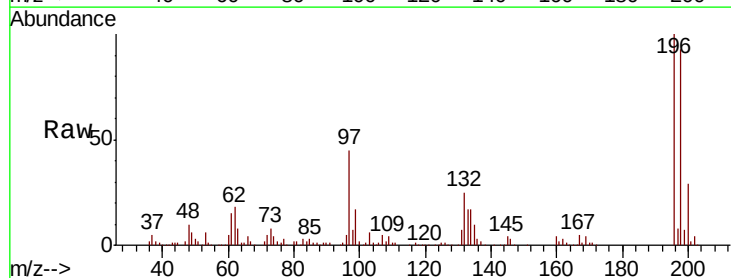
Instrument :  
 BNA\_G  
 ClientSampleId :

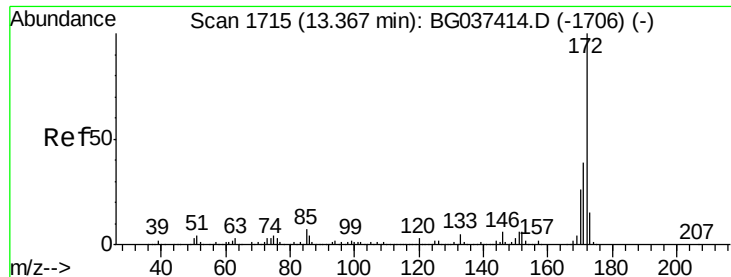
| Tot Ion | 196   | Resp  | 191966 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 196     | 100   |       |        |
| 198     | 94.4  | 76.4  | 114.6  |
| 200     | 30.2  | 24.9  | 37.3   |



#44  
 2,4,5-Trichlorophenol  
 Concen: 51.881 ng  
 RT: 13.24 min Scan# 1693  
 Delta R.T. -0.01 min  
 Lab File: BG037567.D  
 Acq: 26 Oct 2018 6:05

| Tgt Ion | 196   | Resp  | 206931 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 196     | 100   |       |        |
| 198     | 93.1  | 74.2  | 111.2  |
| 97      | 45.0  | 34.1  | 51.1   |
| 132     | 24.9  | 20.2  | 30.4   |

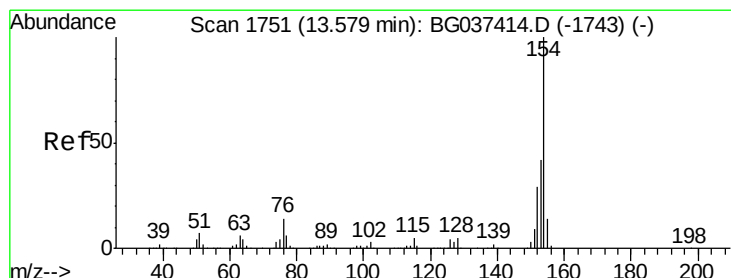
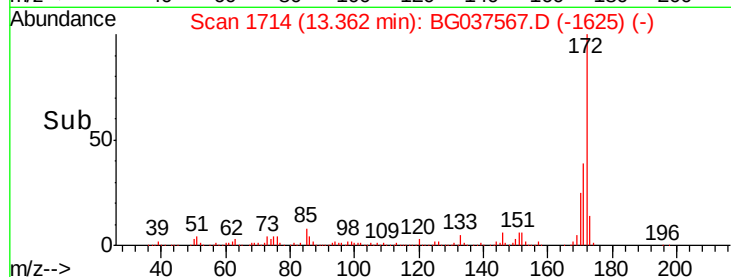
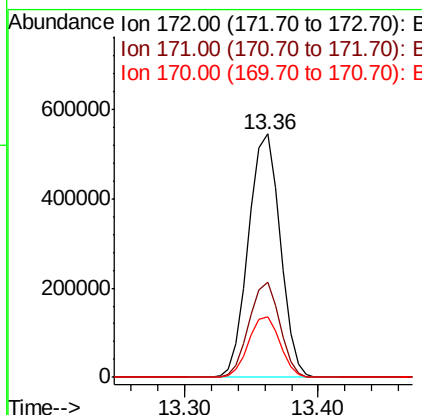
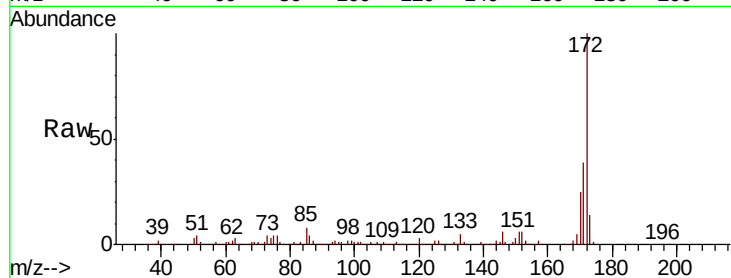




#45  
2-Fluorobiphenyl  
Concen: 79.331 ng  
RT: 13.36 min Scan# 1714  
Delta R.T. -0.01 min  
Lab File: BG037567.D  
Acq: 26 Oct 2018 6:05

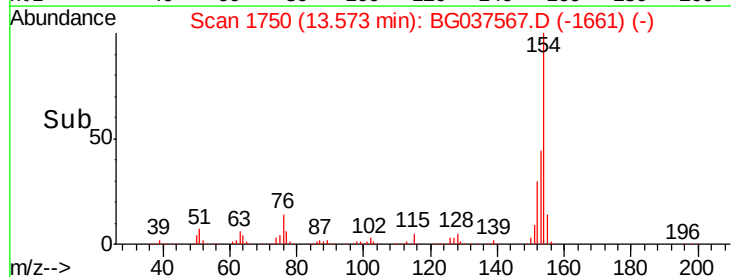
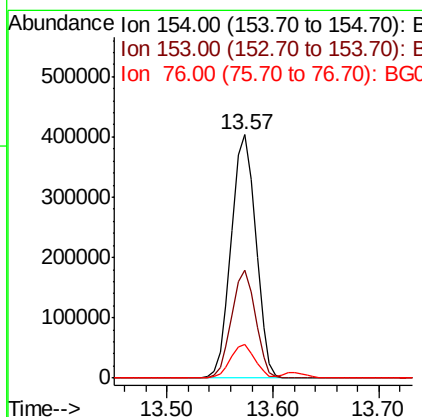
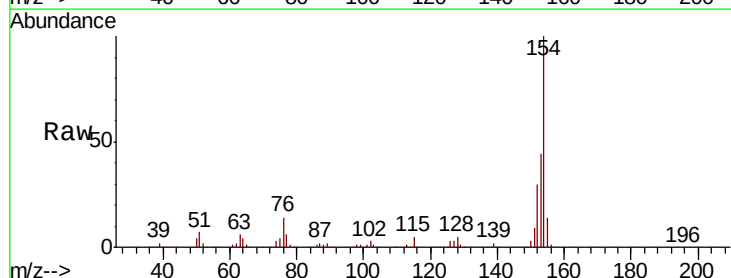
Instrument :  
BNA\_G  
ClientSampleId :

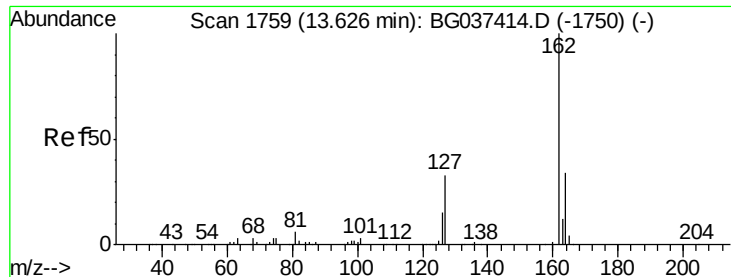
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 39.2  | 31.0  | 46.4  |
| 170     | 24.9  | 20.2  | 30.2  |



#46  
1,1'-Biphenyl  
Concen: 46.149 ng  
RT: 13.57 min Scan# 1750  
Delta R.T. -0.01 min  
Lab File: BG037567.D  
Acq: 26 Oct 2018 6:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 44.3  | 22.1  | 62.1  |
| 76      | 13.7  | 0.0   | 33.2  |

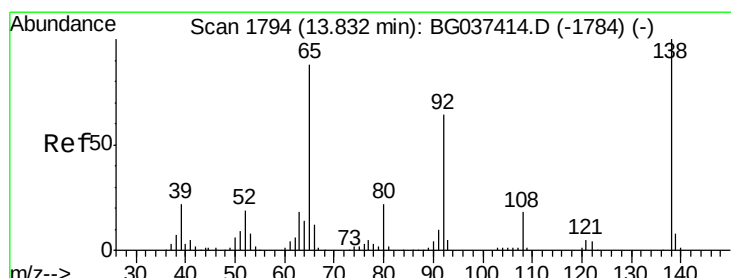
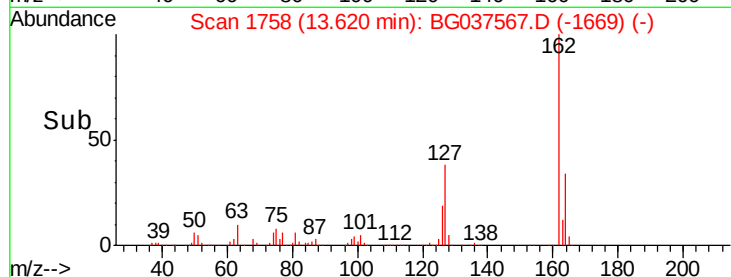
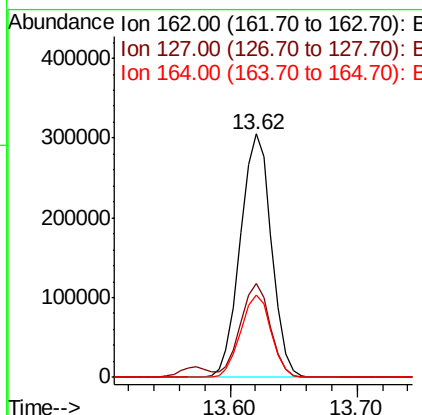
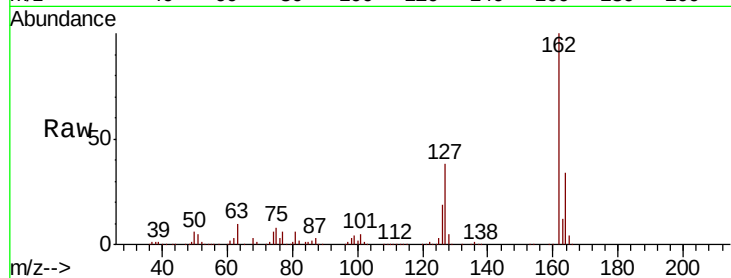




#47  
2-Chloronaphthalene  
Concen: 48.689 ng  
RT: 13.62 min Scan# 1758  
Delta R.T. -0.01 min  
Lab File: BG037567.D  
Acq: 26 Oct 2018 6:05

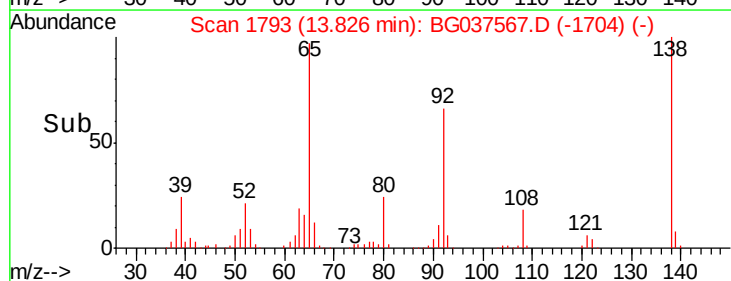
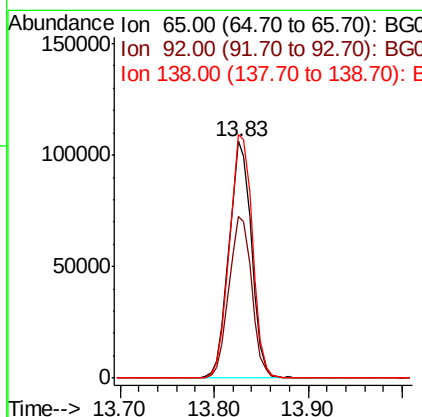
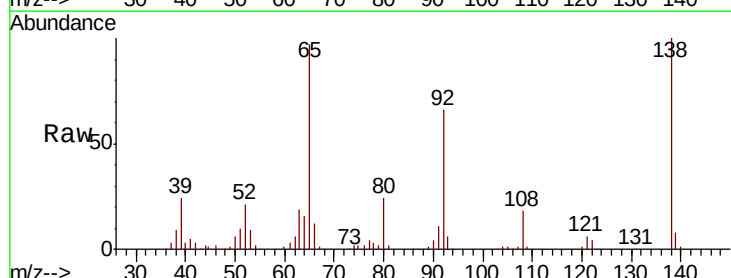
Instrument :  
BNA\_G  
ClientSampleId :

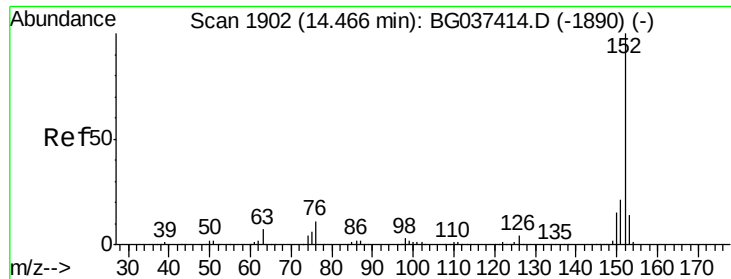
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.4  | 30.5  | 45.7  |
| 164     | 34.0  | 26.4  | 39.6  |



#48  
2-Nitroaniline  
Concen: 54.869 ng  
RT: 13.83 min Scan# 1793  
Delta R.T. -0.01 min  
Lab File: BG037567.D  
Acq: 26 Oct 2018 6:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 68.1  | 53.2  | 79.8  |
| 138     | 102.8 | 79.3  | 118.9 |





#49

Acenaphthylene

Concen: 53.733 ng

RT: 14.47 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

Instrument :

BNA\_G

ClientSampleId :

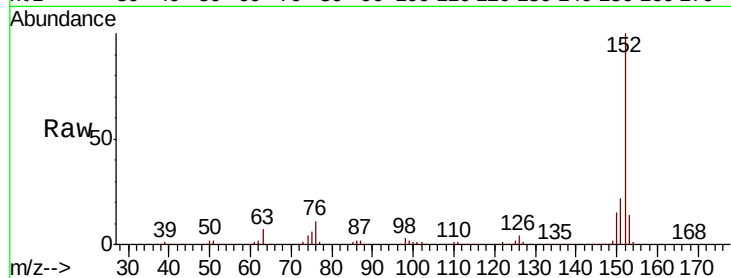
Tot Ion:152 Resp: 860935

Ion Ratio Lower Upper

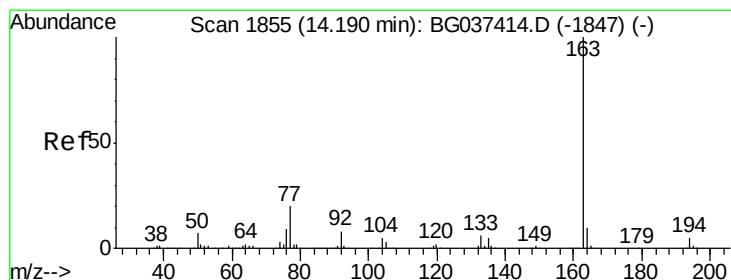
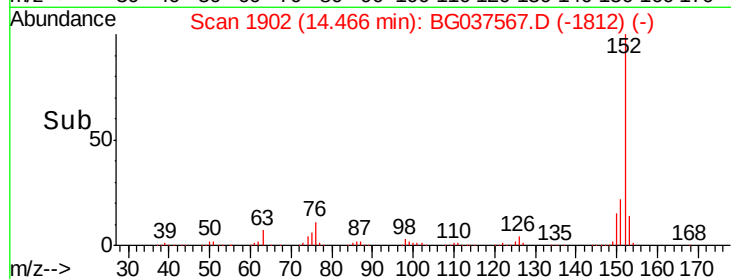
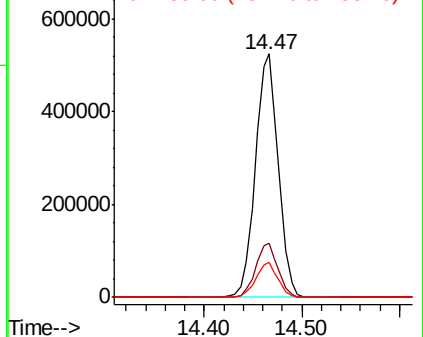
152 100

151 22.4 17.1 25.7

153 14.1 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 51.387 ng

RT: 14.19 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

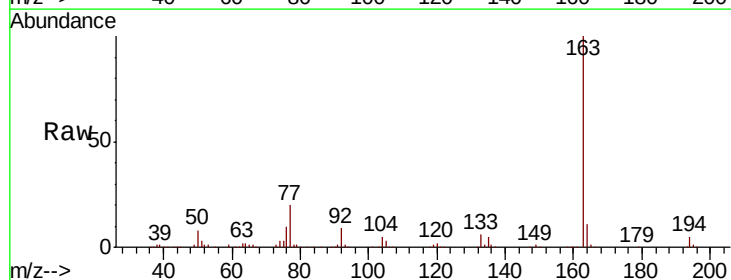
Tgt Ion:163 Resp: 675813

Ion Ratio Lower Upper

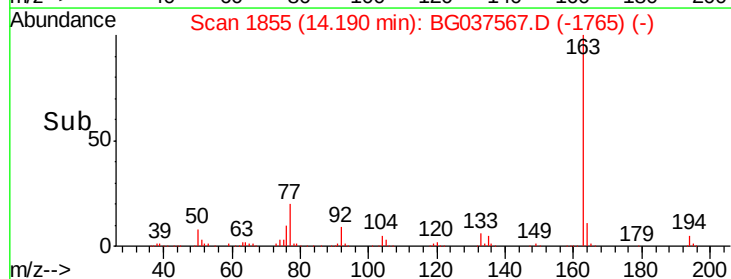
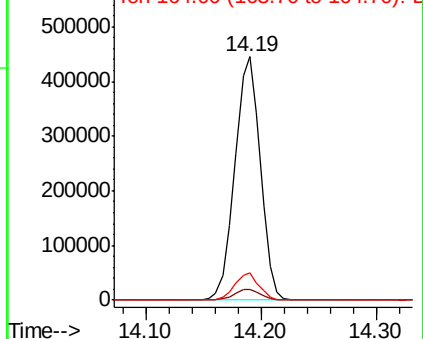
163 100

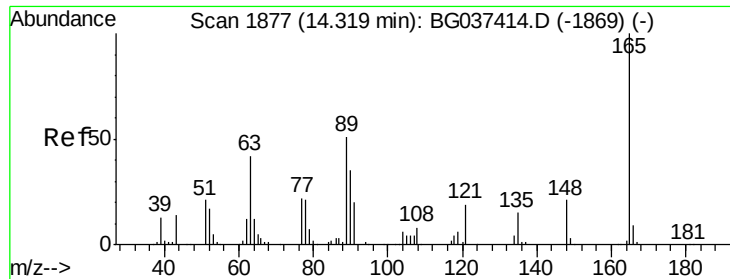
194 4.6 3.5 5.3

164 11.0 8.5 12.7



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

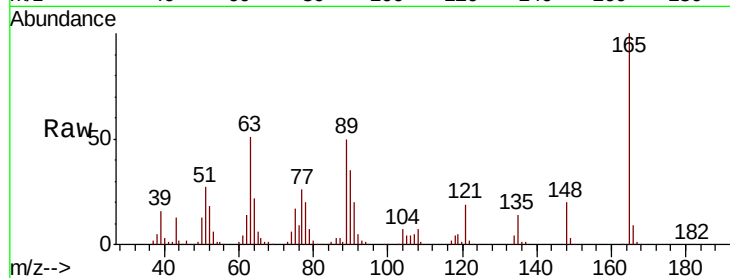




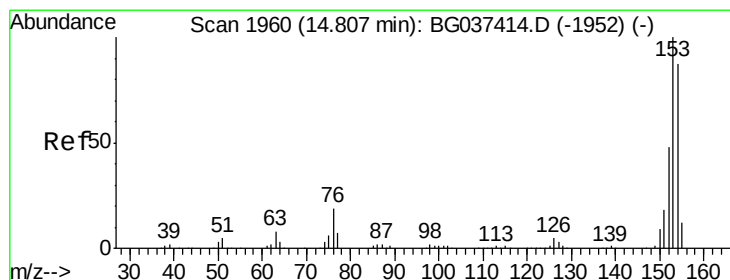
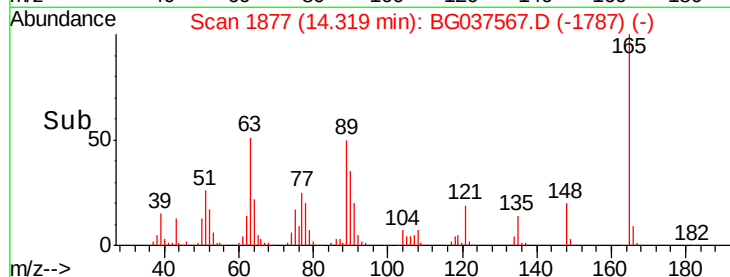
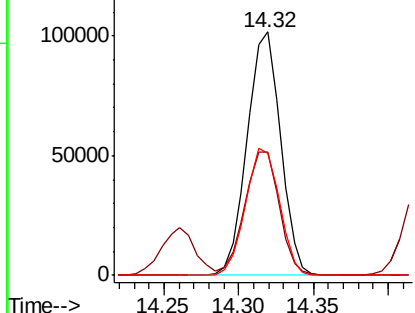
#51  
 2,6-Dinitrotoluene  
 Concen: 54.053 ng  
 RT: 14.32 min Scan# 1877  
 Delta R.T. 0.00 min  
 Lab File: BG037567.D  
 Acq: 26 Oct 2018 6:05

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 50.9  | 43.4  | 65.2  |
| 89      | 50.2  | 45.8  | 68.6  |

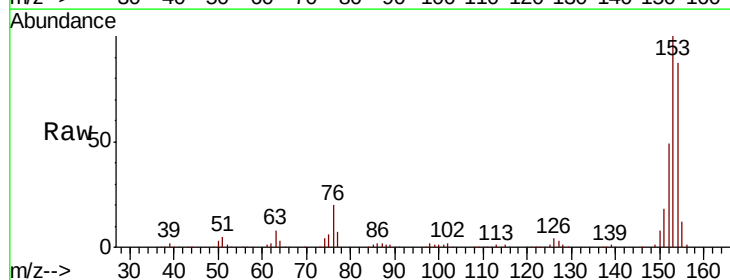


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 89.00 (88.70 to 89.70): BG

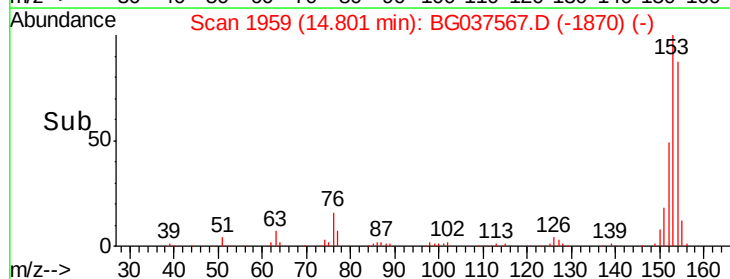
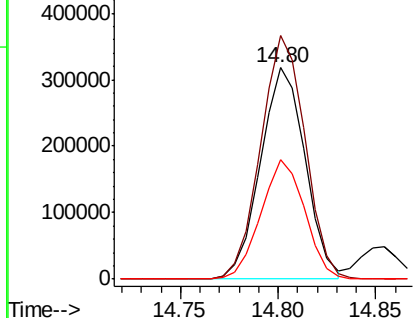


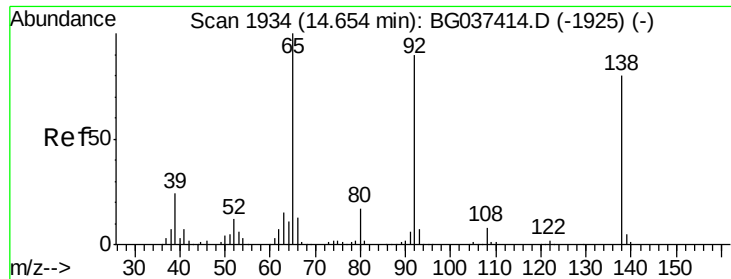
#52  
 Acenaphthene  
 Concen: 51.146 ng  
 RT: 14.80 min Scan# 1959  
 Delta R.T. -0.01 min  
 Lab File: BG037567.D  
 Acq: 26 Oct 2018 6:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 115.2 | 93.4  | 140.0 |
| 152     | 56.8  | 44.7  | 67.1  |



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

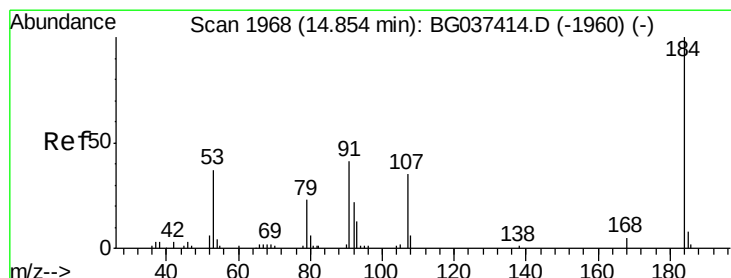
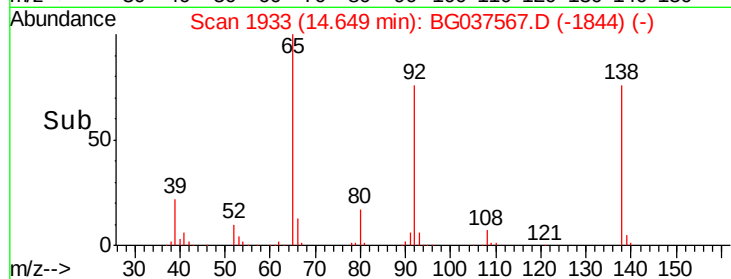
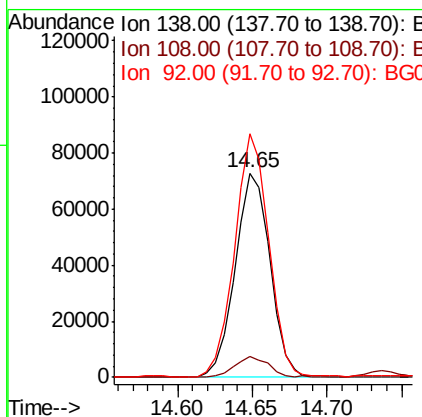
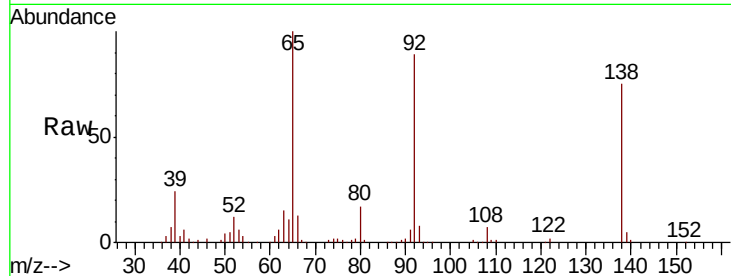




#53  
 3-Nitroaniline  
 Concen: 36.777 ng  
 RT: 14.65 min Scan# 1933  
 Delta R.T. -0.01 min  
 Lab File: BG037567.D  
 Acq: 26 Oct 2018 6:05

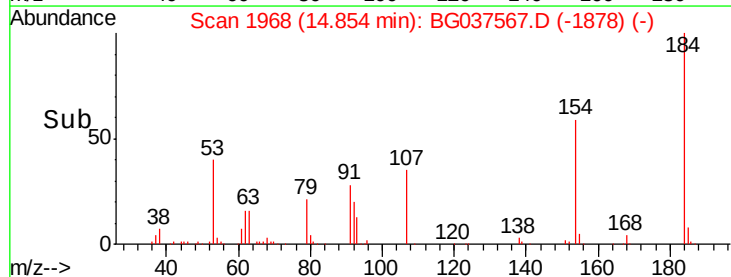
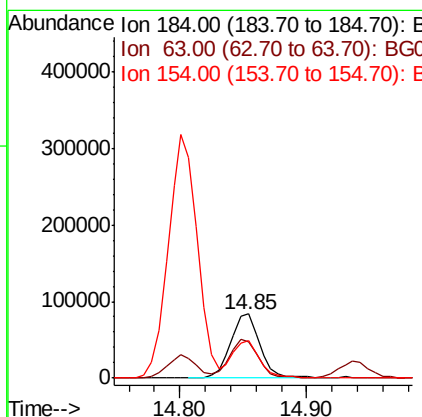
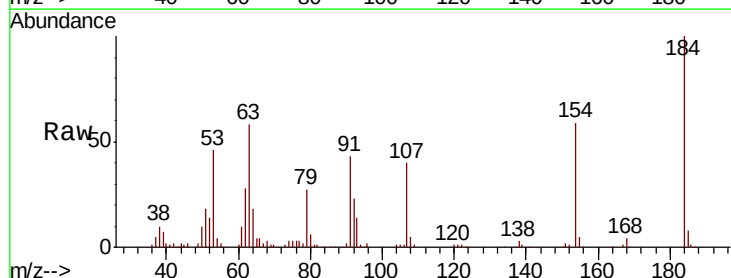
Instrument :  
 BNA\_G  
 ClientSampleId :

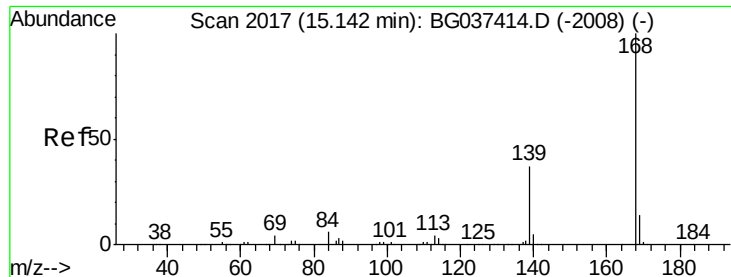
Tot Ion:138 Resp: 118784  
 Ion Ratio Lower Upper  
 138 100  
 108 10.0 11.0 16.6#  
 92 119.0 95.2 142.8



#54  
 2,4-Dinitrophenol  
 Concen: 93.549 ng  
 RT: 14.85 min Scan# 1968  
 Delta R.T. 0.00 min  
 Lab File: BG037567.D  
 Acq: 26 Oct 2018 6:05

Tgt Ion:184 Resp: 134216  
 Ion Ratio Lower Upper  
 184 100  
 63 57.5 42.6 63.8  
 154 58.9 41.8 62.6





#55

Dibenzofuran

Concen: 49.496 ng

RT: 15.14 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

Instrument :

BNA\_G

ClientSampleId :

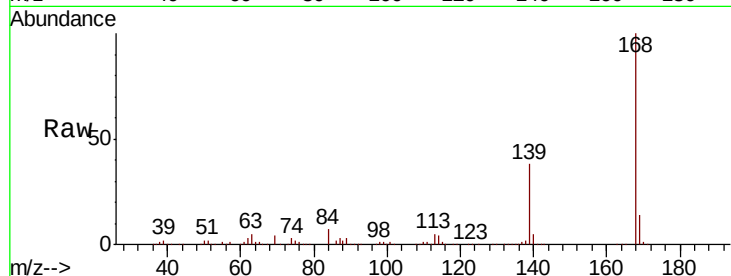
Tot Ion:168 Resp: 809217

Ion Ratio Lower Upper

168 100

139 38.2 29.4 44.0

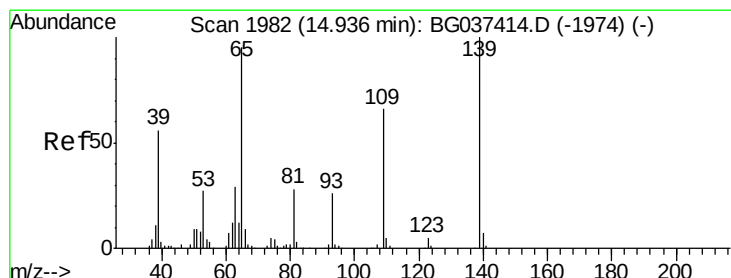
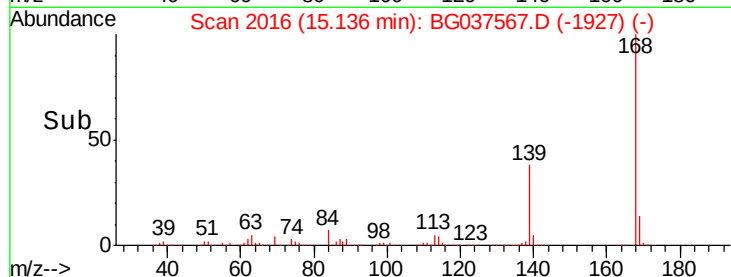
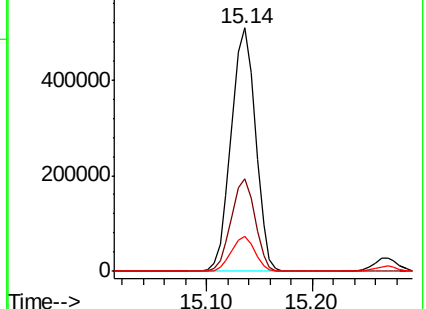
169 14.2 11.0 16.6



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



#56

4-Nitrophenol

Concen: 52.744 ng

RT: 14.94 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

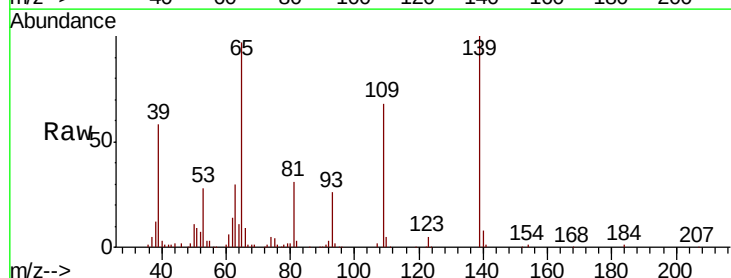
Tgt Ion:139 Resp: 126096

Ion Ratio Lower Upper

139 100

109 67.9 49.5 89.5

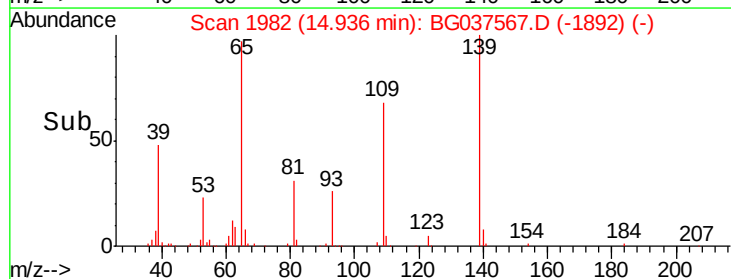
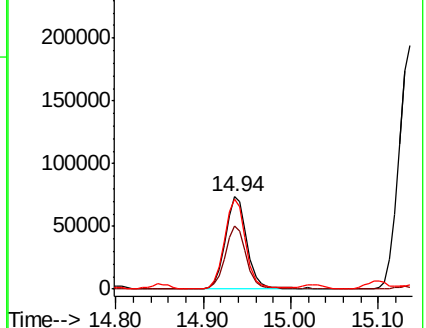
65 97.4 76.8 116.8



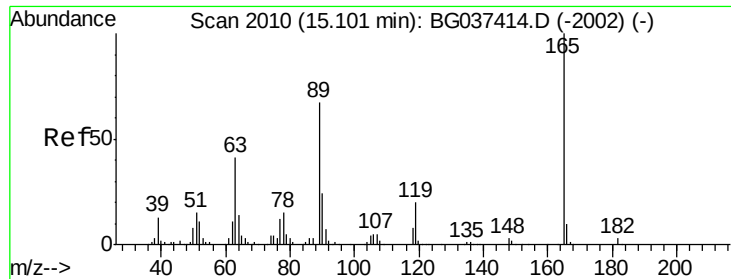
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



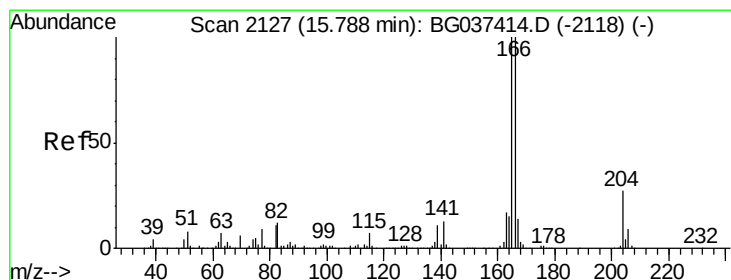
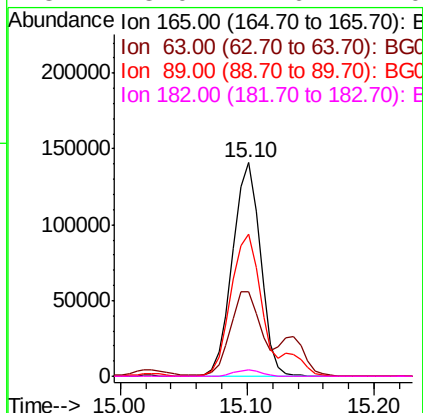
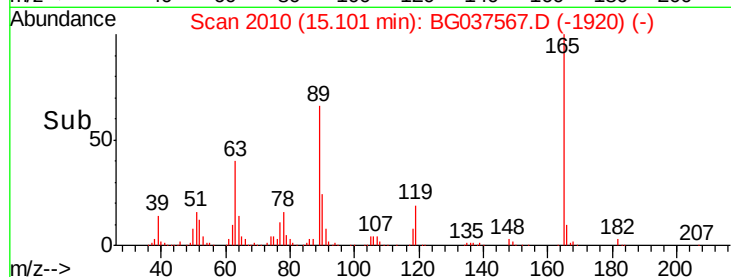
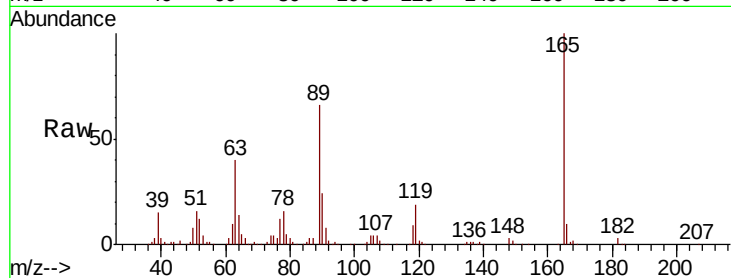




#57  
 2,4-Dinitrotoluene  
 Concen: 56.296 ng  
 RT: 15.10 min Scan# 2010  
 Delta R.T. 0.00 min  
 Lab File: BG037567.D  
 Acq: 26 Oct 2018 6:05

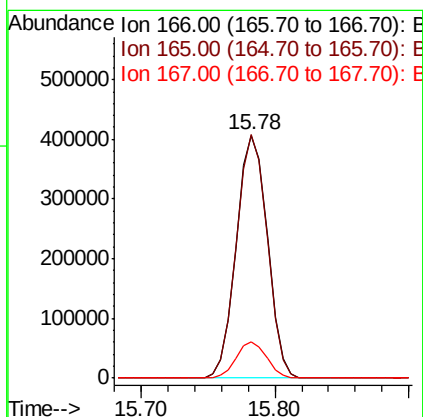
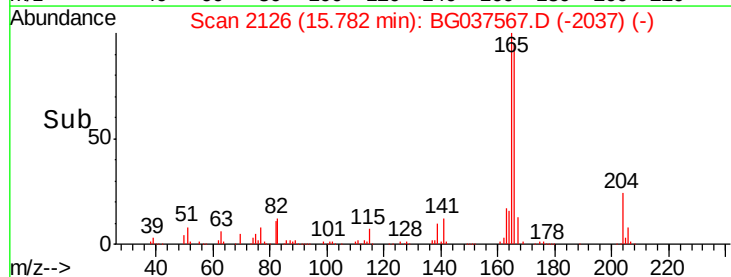
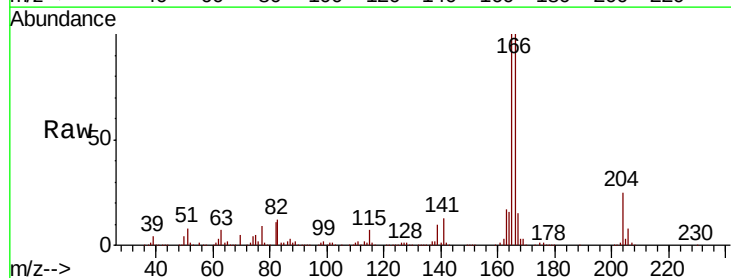
Instrument :  
 BNA\_G  
 ClientSampleId :

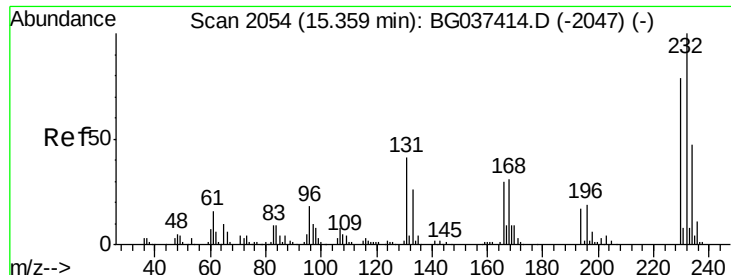
Tot Ion:165 Resp: 214998  
 Ion Ratio Lower Upper  
 165 100  
 63 39.7 33.4 50.0  
 89 66.4 57.2 85.8  
 182 3.0 2.6 4.0



#58  
 Fluorene  
 Concen: 53.608 ng  
 RT: 15.78 min Scan# 2126  
 Delta R.T. -0.01 min  
 Lab File: BG037567.D  
 Acq: 26 Oct 2018 6:05

Tgt Ion:166 Resp: 656326  
 Ion Ratio Lower Upper  
 166 100  
 165 100.3 79.0 118.6  
 167 15.0 11.3 16.9





#59

2,3,4,6-Tetrachlorophenol

Concen: 52.901 ng

RT: 15.35 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:232 Resp: 180659

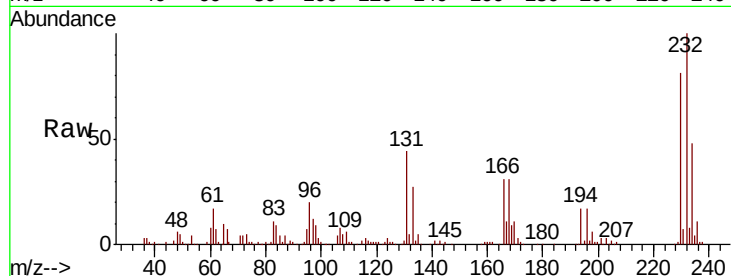
Ion Ratio Lower Upper

232 100

131 45.2 33.7 50.5

130 2.4 2.1 3.1

166 31.3 24.6 36.8

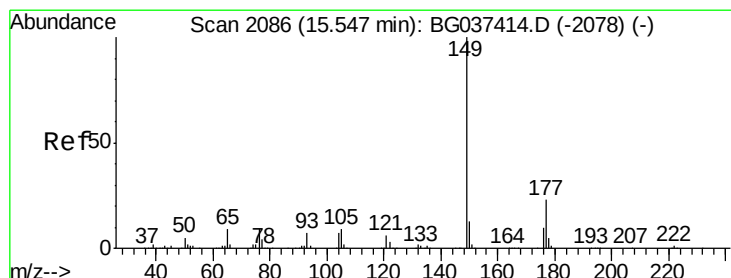
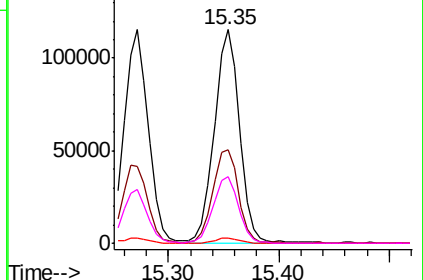
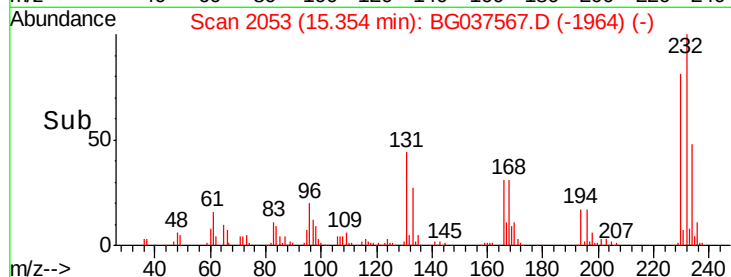


Abundance Ion 232.00 (231.70 to 232.70): E

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



#60

Diethylphthalate

Concen: 51.557 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

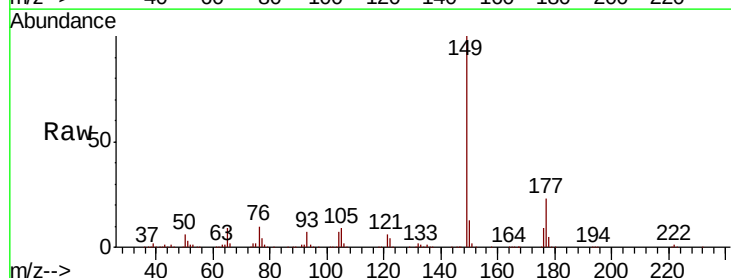
Tgt Ion:149 Resp: 696123

Ion Ratio Lower Upper

149 100

177 22.6 18.3 27.5

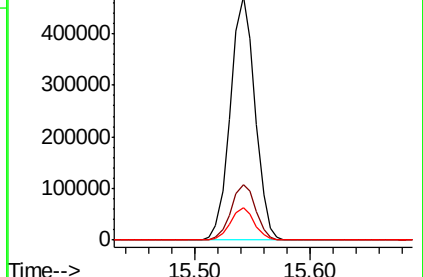
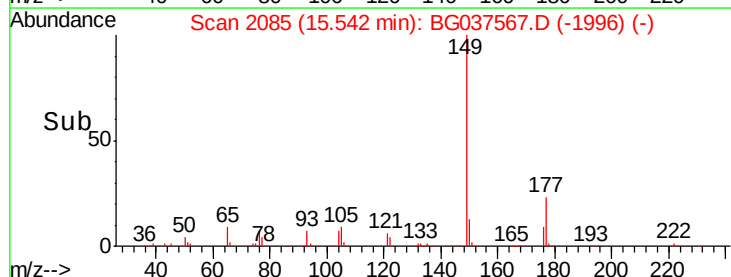
150 13.3 10.0 15.0

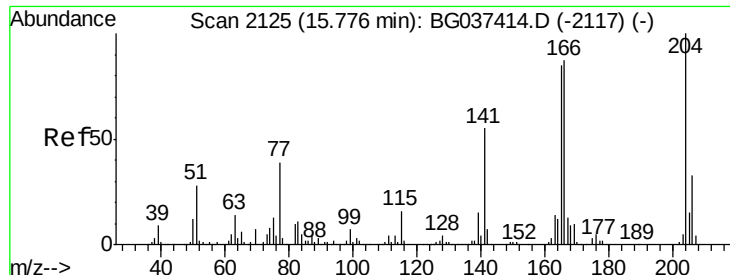


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

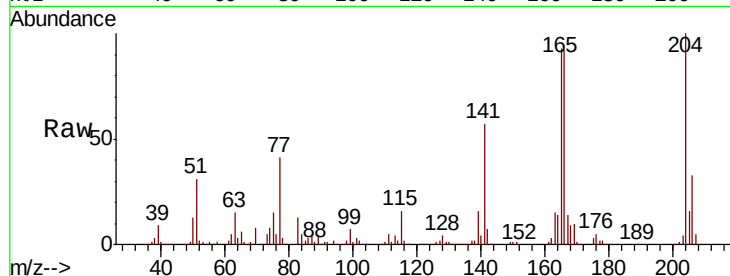




#61  
 4-Chlorophenyl-phenylether  
 Concen: 47.982 ng  
 RT: 15.77 min Scan# 2124  
 Delta R.T. -0.01 min  
 Lab File: BG037567.D  
 Acq: 26 Oct 2018 6:05

Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.3  | 26.6  | 39.8  |
| 141     | 57.1  | 45.4  | 68.2  |

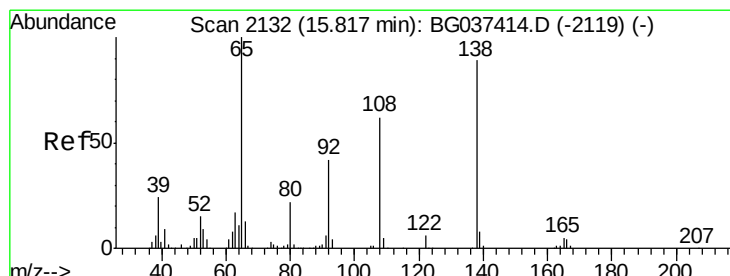
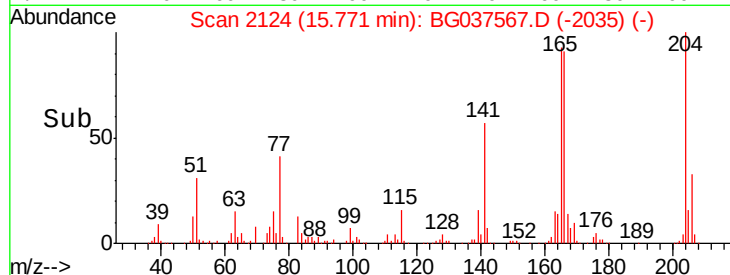
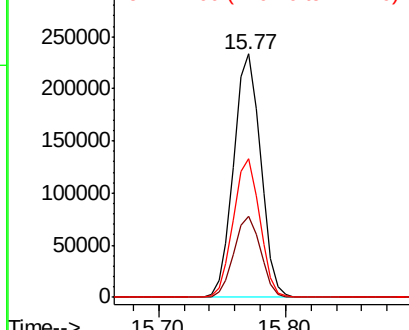


Abundance

Ion 204.00 (203.70 to 204.70): E

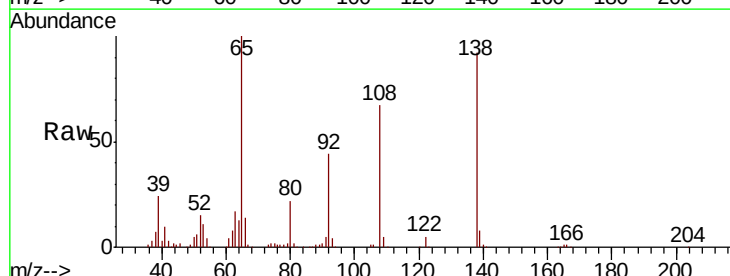
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
 4-Nitroaniline  
 Concen: 50.017 ng  
 RT: 15.82 min Scan# 2132  
 Delta R.T. 0.00 min  
 Lab File: BG037567.D  
 Acq: 26 Oct 2018 6:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 47.9  | 36.4  | 76.4  |
| 108     | 72.8  | 60.1  | 100.1 |

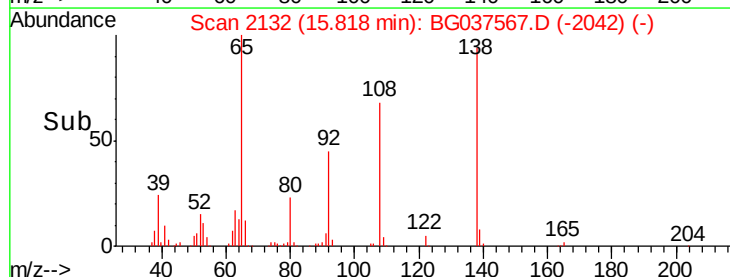
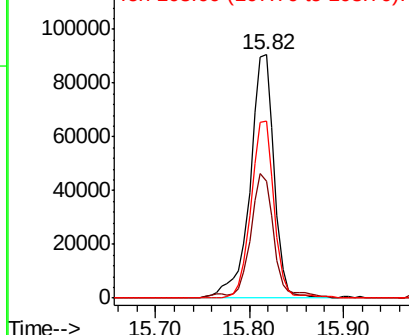


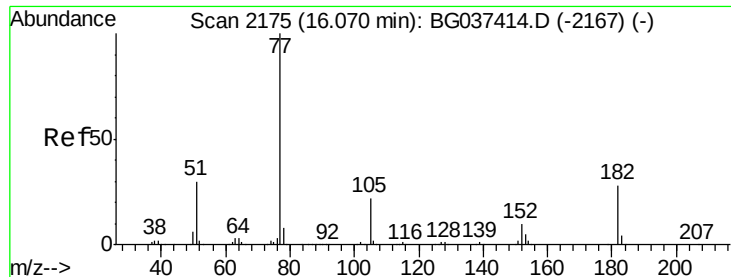
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 51.888 ng

RT: 16.06 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 77 Resp: 668450

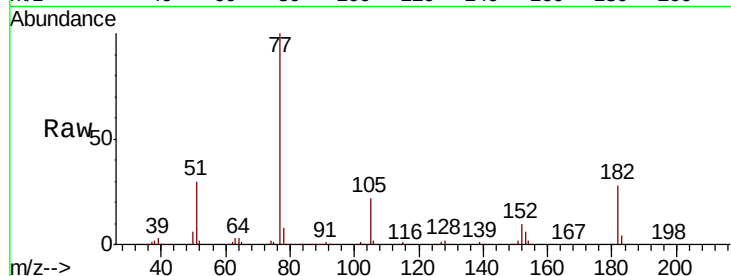
Ion Ratio Lower Upper

77 100

182 28.4 8.0 48.0

105 21.7 1.3 41.3

51 30.1 10.7 50.7

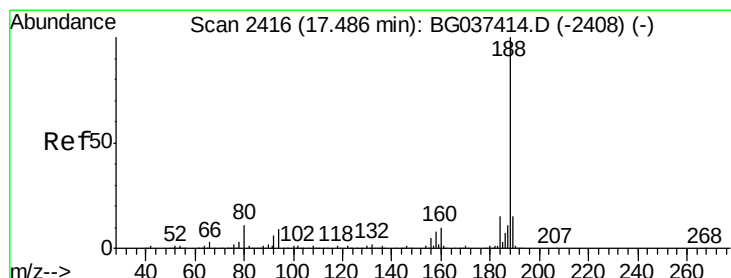
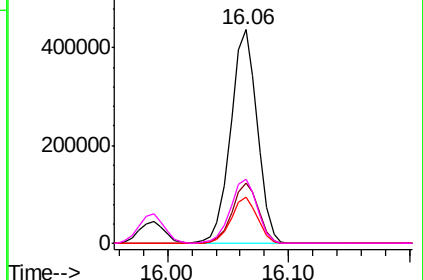
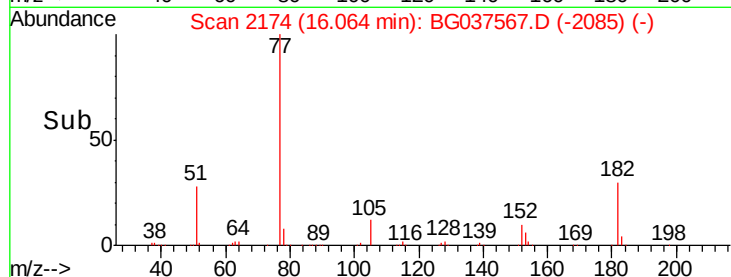


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2416

Delta R.T. 0.00 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

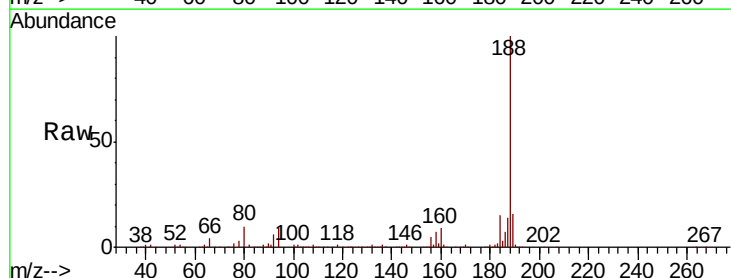
Tgt Ion: 188 Resp: 393215

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

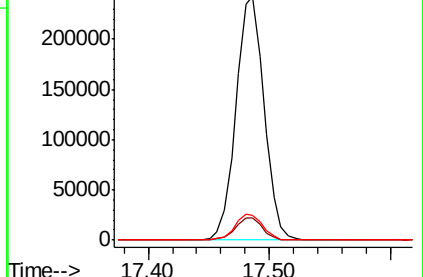
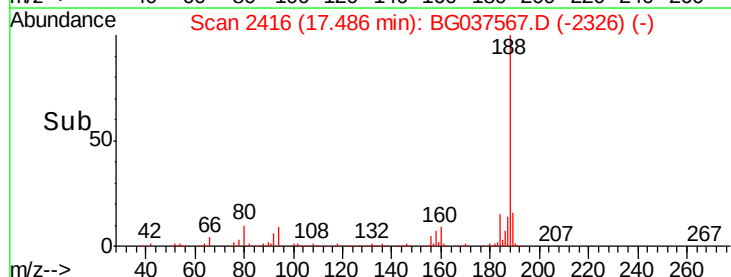
80 10.1 7.7 11.5

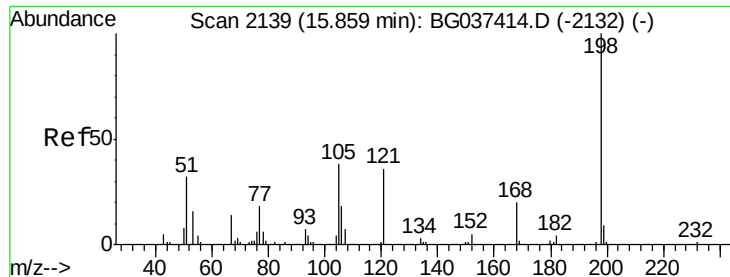


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

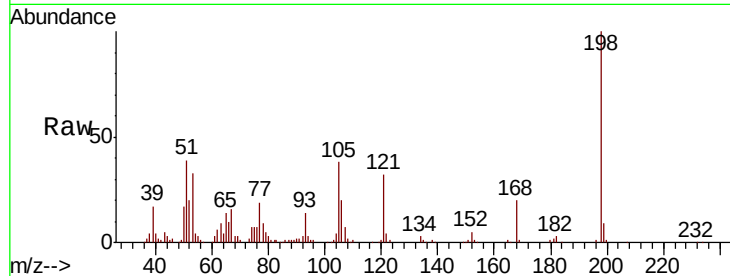




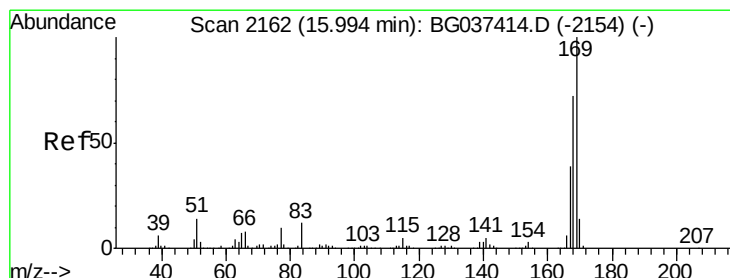
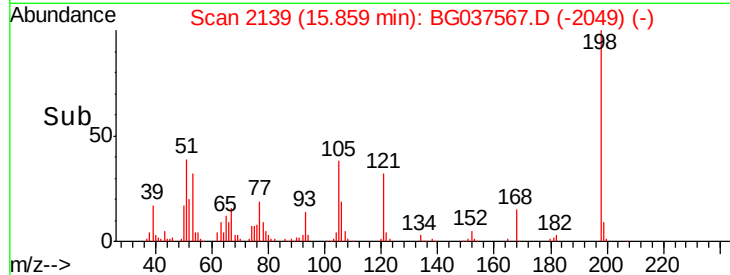
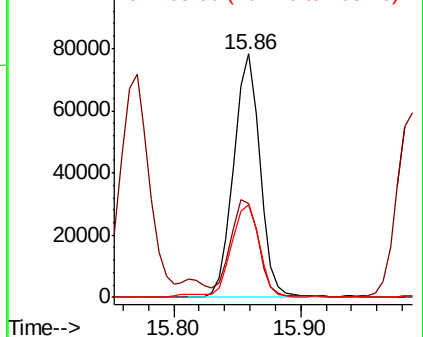
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 53.377 ng  
 RT: 15.86 min Scan# 2139  
 Delta R.T. 0.00 min  
 Lab File: BG037567.D  
 Acq: 26 Oct 2018 6:05

Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 38.7  | 22.7  | 62.7  |
| 105     | 38.1  | 19.7  | 59.7  |

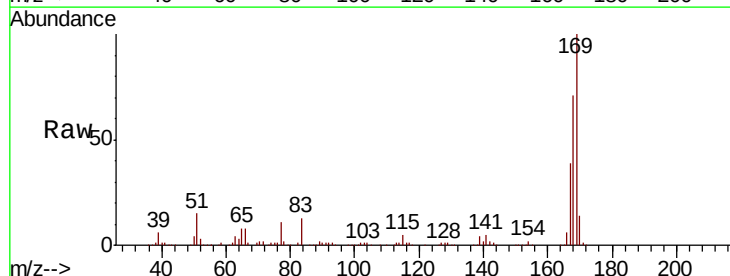


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BG  
 Ion 105.00 (104.70 to 105.70): E

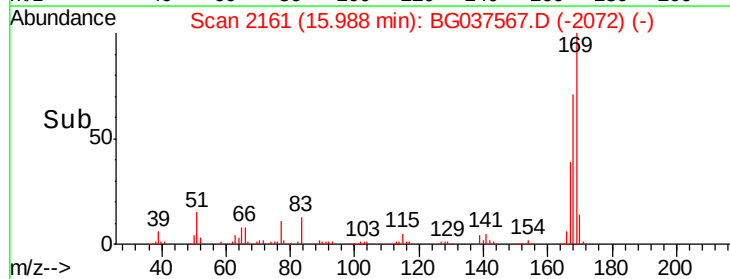
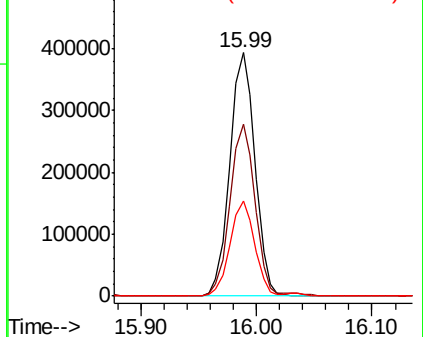


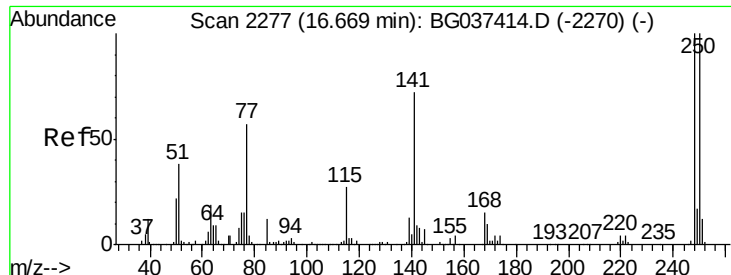
#66  
 n-Nitrosodiphenylamine  
 Concen: 50.065 ng  
 RT: 15.99 min Scan# 2161  
 Delta R.T. -0.01 min  
 Lab File: BG037567.D  
 Acq: 26 Oct 2018 6:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 70.6  | 55.7  | 83.5  |
| 167     | 39.2  | 31.3  | 46.9  |



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

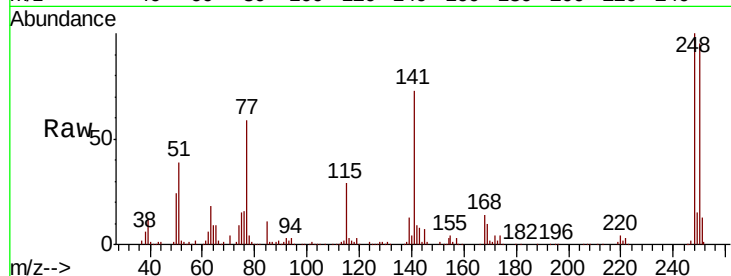




#67  
 4-Bromophenyl-phenylether  
 Concen: 50.610 ng  
 RT: 16.66 min Scan# 2276  
 Delta R.T. -0.01 min  
 Lab File: BG037567.D  
 Acq: 26 Oct 2018 6:05

Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 95.0  | 77.0  | 115.6 |
| 141     | 73.2  | 55.5  | 83.3  |

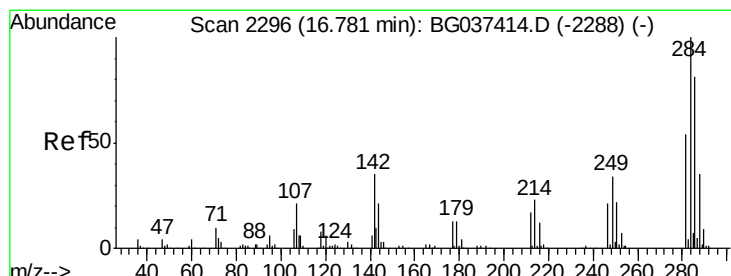
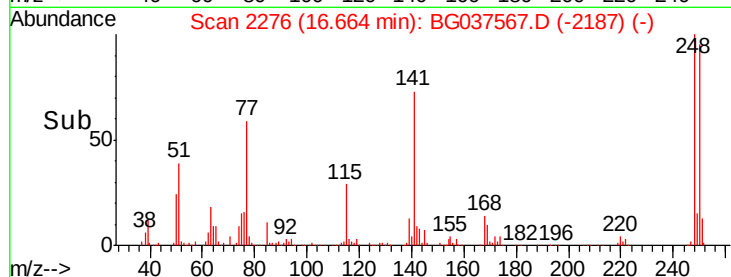
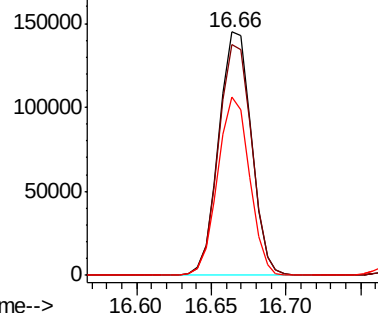


Abundance

Ion 248.00 (247.70 to 248.70): E

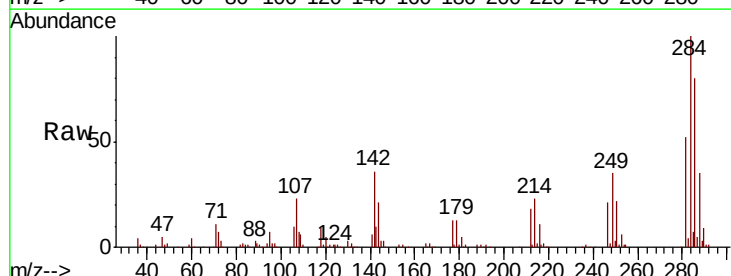
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
 Hexachlorobenzene  
 Concen: 48.989 ng  
 RT: 16.78 min Scan# 2295  
 Delta R.T. -0.01 min  
 Lab File: BG037567.D  
 Acq: 26 Oct 2018 6:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 35.6  | 28.1  | 42.1  |
| 249     | 37.5  | 29.8  | 44.8  |

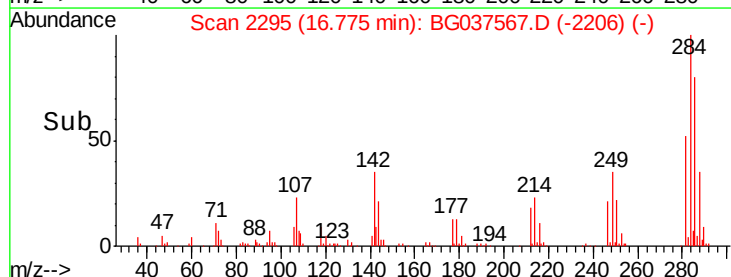
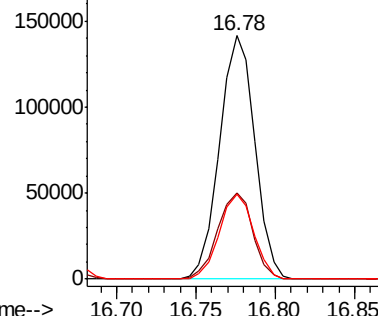


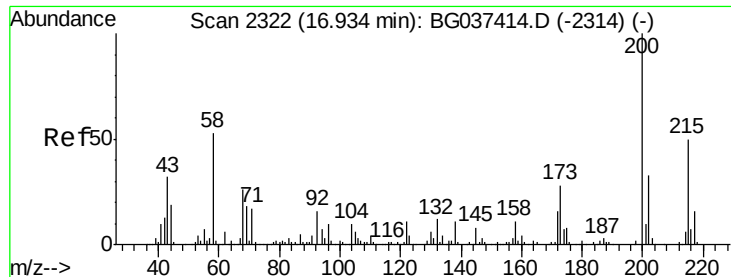
Abundance

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





#69

Atrazine

Concen: 51.963 ng

RT: 16.93 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

Instrument :

BNA\_G

ClientSampled :

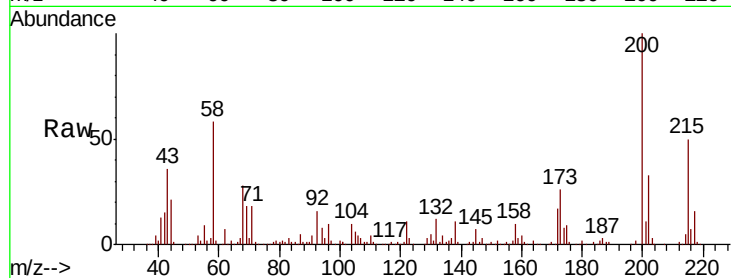
Tot Ion:200 Resp: 222215

Ion Ratio Lower Upper

200 100

173 26.3 6.1 46.1

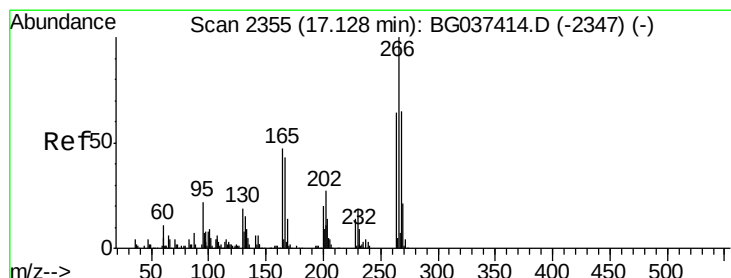
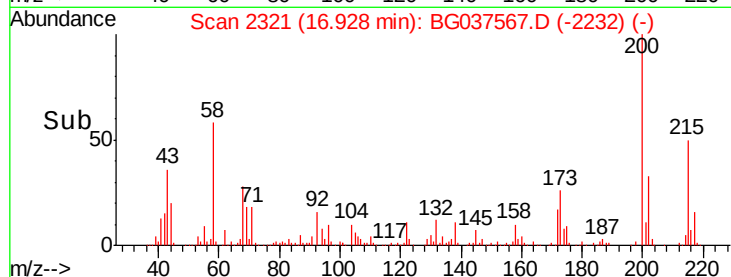
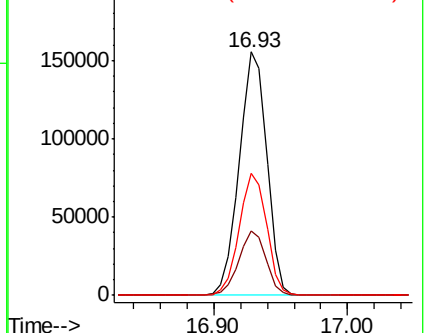
215 50.0 30.8 70.8



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



#70

Pentachlorophenol

Concen: 86.096 ng

RT: 17.12 min Scan# 2354

Delta R.T. -0.01 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

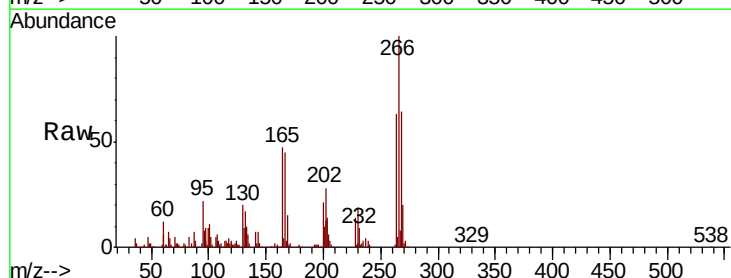
Tgt Ion:266 Resp: 258093

Ion Ratio Lower Upper

266 100

268 68.6 55.0 82.6

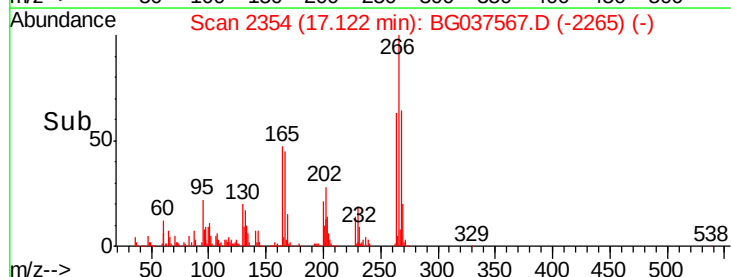
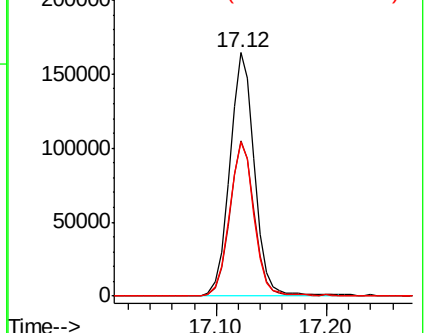
264 68.2 58.9 88.3

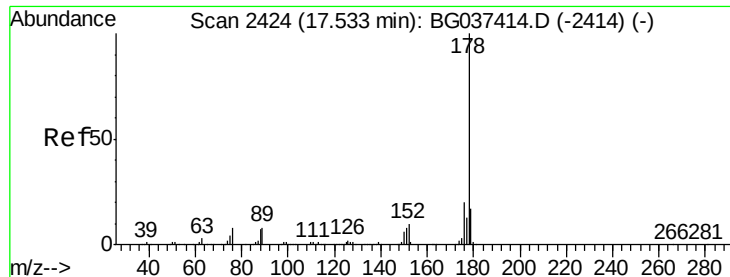


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

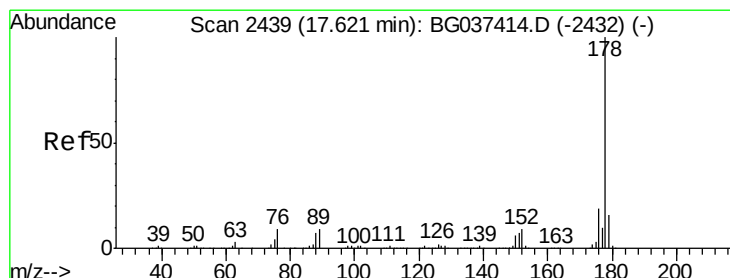
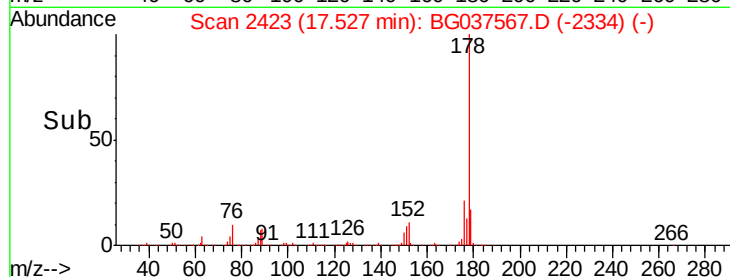
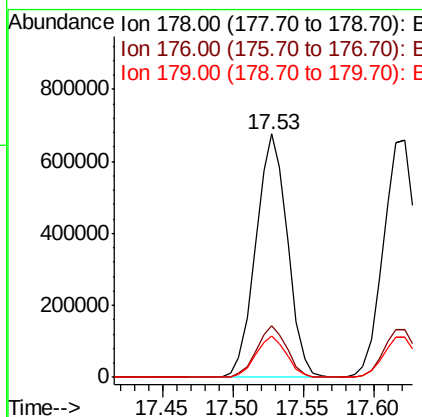
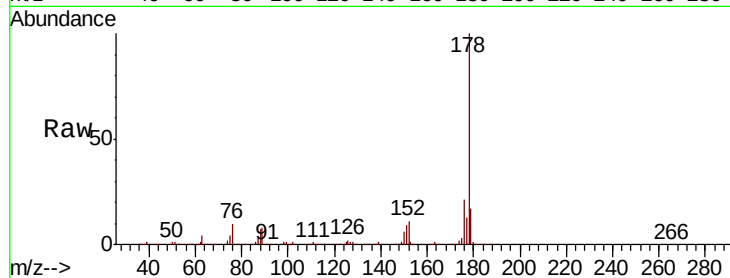




#71  
Phenanthrene  
Concen: 53.214 ng  
RT: 17.53 min Scan# 2423  
Delta R.T. -0.01 min  
Lab File: BG037567.D  
Acq: 26 Oct 2018 6:05

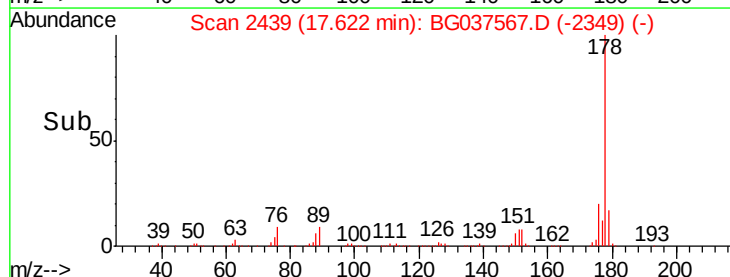
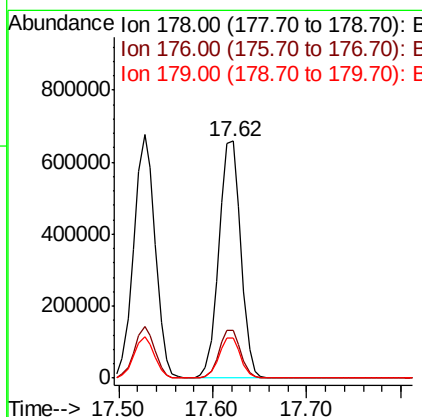
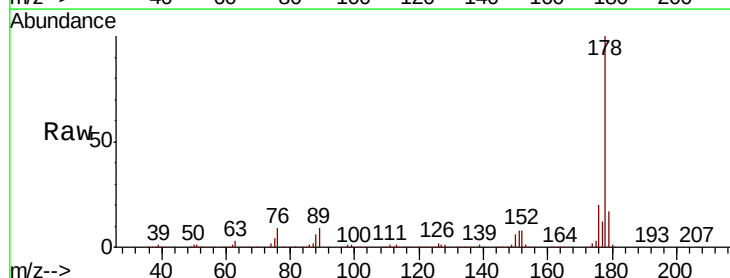
Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:178 Resp: 1063443  
Ion Ratio Lower Upper  
178 100  
176 21.0 16.1 24.1  
179 16.9 13.0 19.4

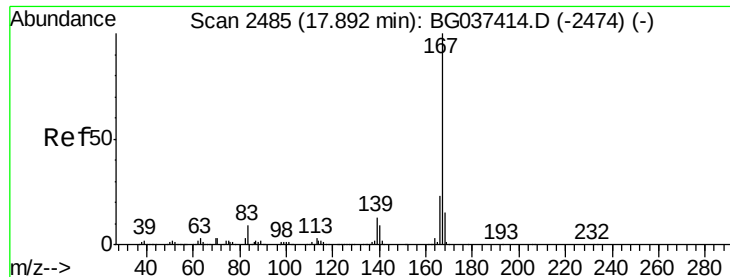


#72  
Anthracene  
Concen: 54.638 ng  
RT: 17.62 min Scan# 2439  
Delta R.T. 0.00 min  
Lab File: BG037567.D  
Acq: 26 Oct 2018 6:05

Tgt Ion:178 Resp: 1071547  
Ion Ratio Lower Upper  
178 100  
176 19.9 15.0 22.4  
179 17.1 12.8 19.2







#73

Carbazole

Concen: 49.650 ng

RT: 17.89 min Scan# 2485

Delta R.T. 0.00 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

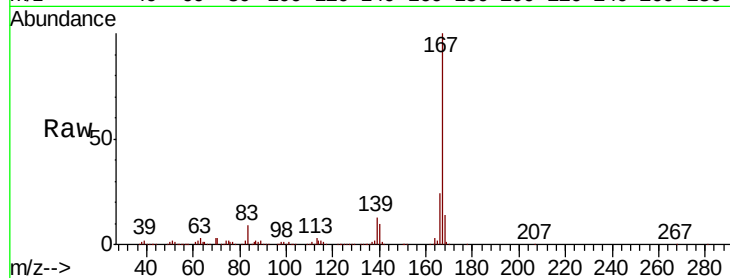
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:167 Resp: 974013

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 24.0  | 18.3  | 27.5  |
| 139 | 12.8  | 10.5  | 15.7  |

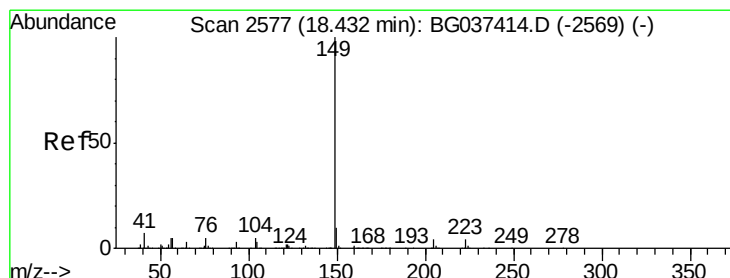
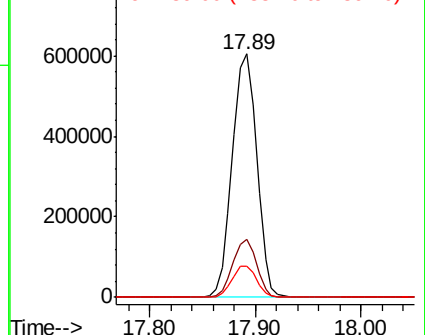
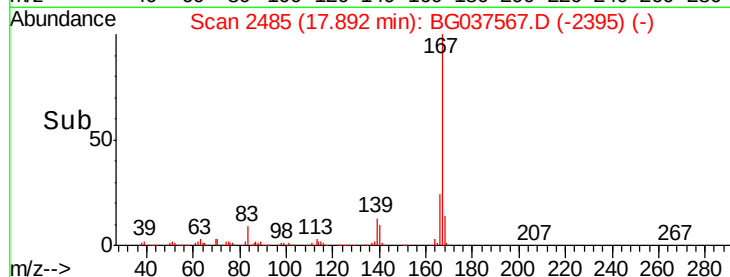


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 52.869 ng

RT: 18.43 min Scan# 2576

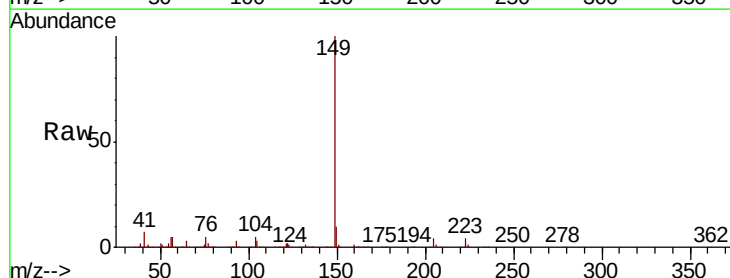
Delta R.T. -0.01 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

Tgt Ion:149 Resp: 1153766

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 10.4  | 8.2   | 12.2  |
| 104 | 5.3   | 4.0   | 6.0   |

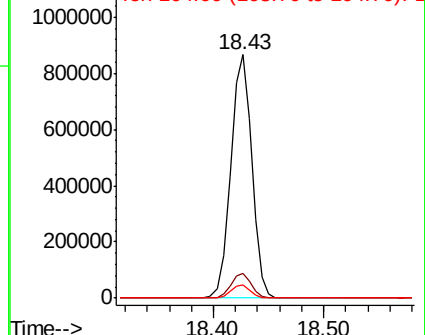
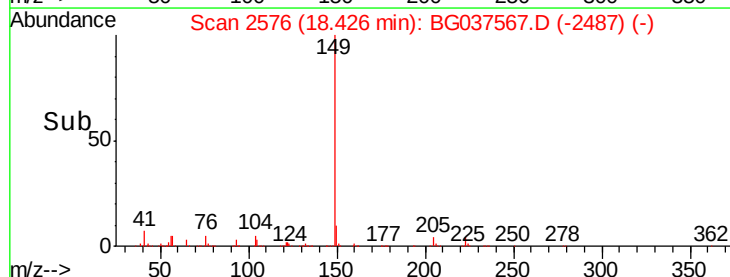


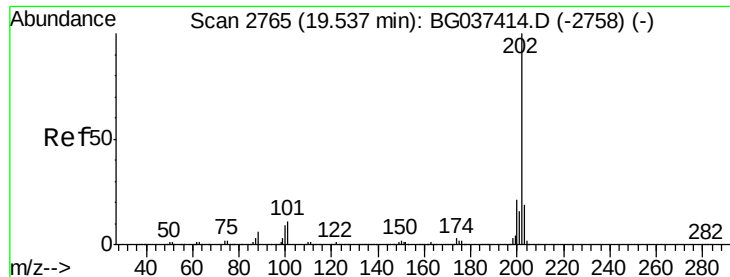
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 53.651 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

Instrument :

BNA\_G

ClientSampleId :

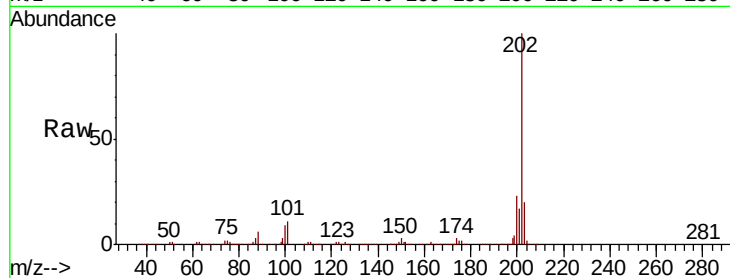
Tot Ion:202 Resp: 1216056

Ion Ratio Lower Upper

202 100

101 11.5 0.0 30.7

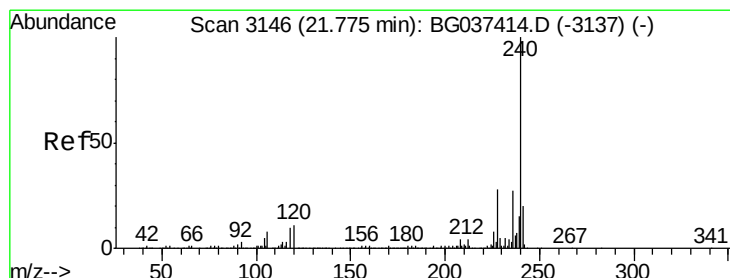
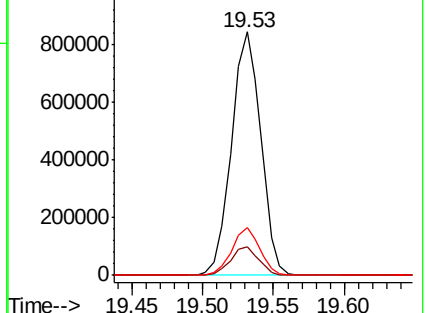
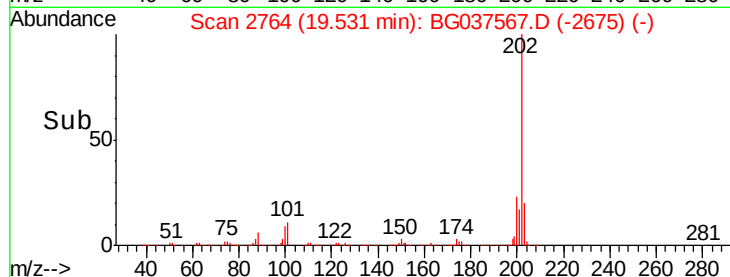
203 19.9 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

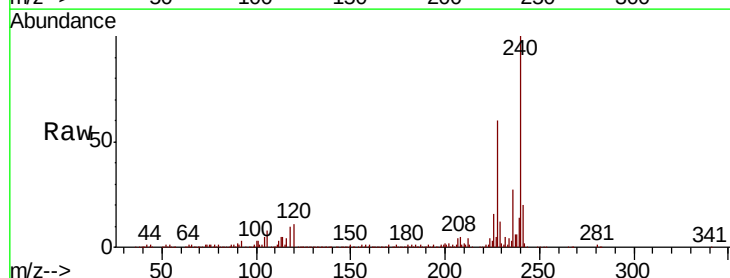
Tgt Ion:240 Resp: 347826

Ion Ratio Lower Upper

240 100

120 11.2 8.1 12.1

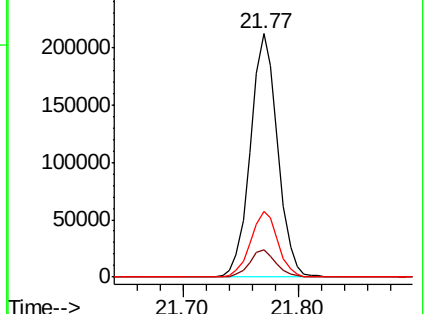
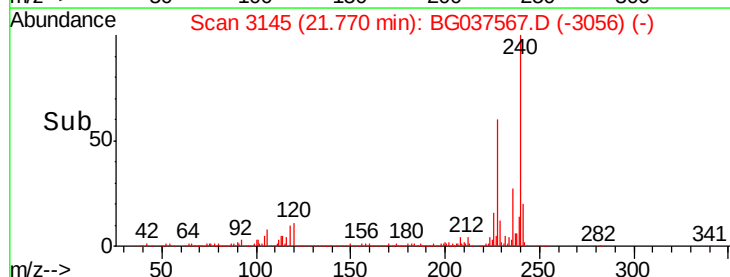
236 27.0 21.4 32.0

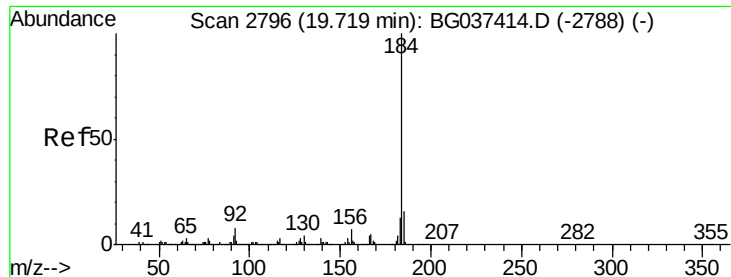


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.399 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

Instrument :

BNA\_G

ClientSampleId :

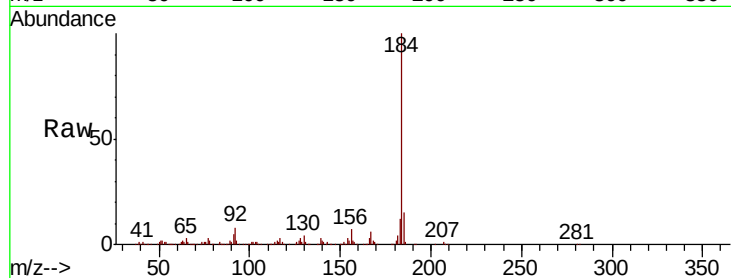
Tot Ion:184 Resp: 371358

Ion Ratio Lower Upper

184 100

185 15.1 12.6 18.8

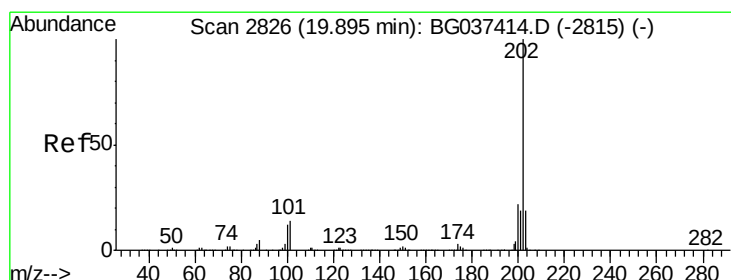
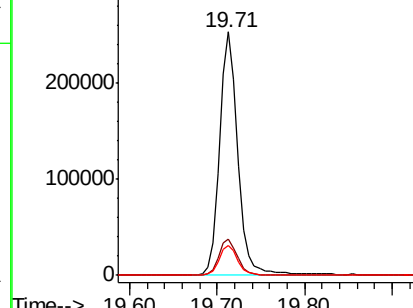
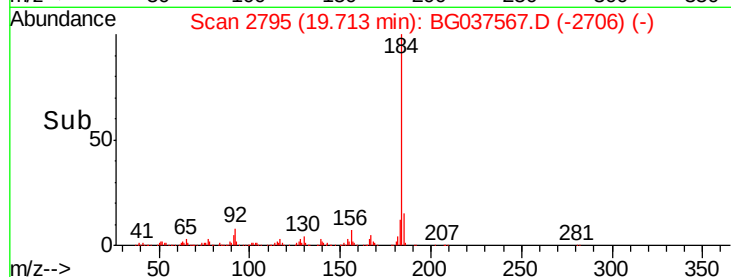
183 12.4 10.2 15.2



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



#78

Pyrene

Concen: 52.411 ng

RT: 19.90 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

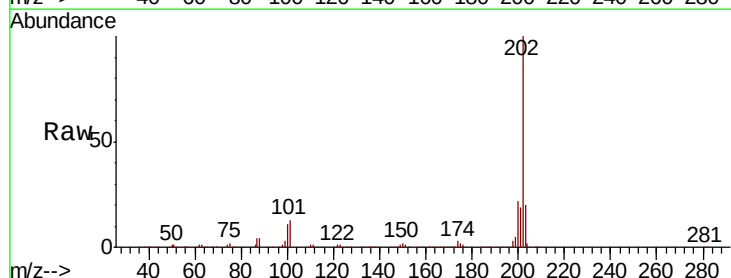
Tgt Ion:202 Resp: 1191721

Ion Ratio Lower Upper

202 100

200 22.4 17.8 26.6

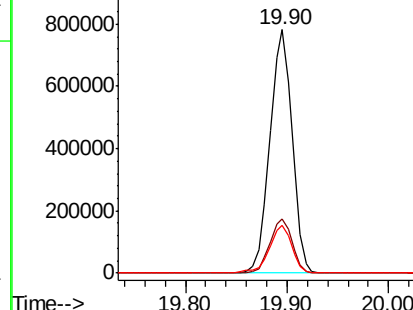
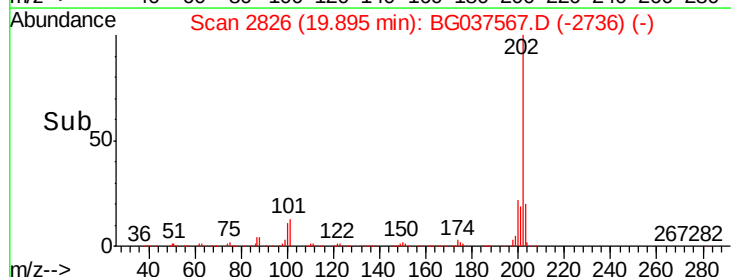
203 19.7 15.2 22.8

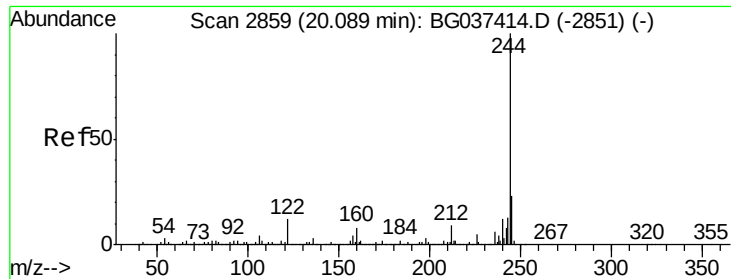


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.723 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

Instrument :

BNA\_G

ClientSampleId :

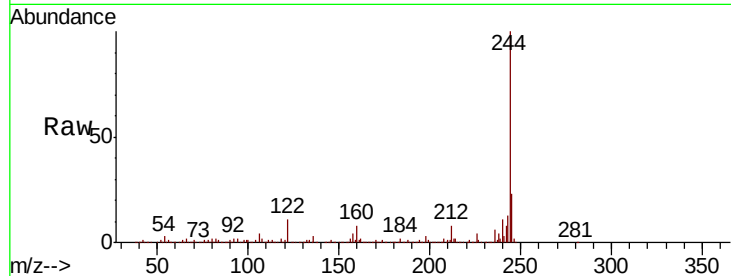
Tot Ion:244 Resp: 1297738

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 8.3   | 6.5   | 9.7   |
| 122 | 11.2  | 9.0   | 13.4  |

244 100

212 8.3 6.5 9.7

122 11.2 9.0 13.4

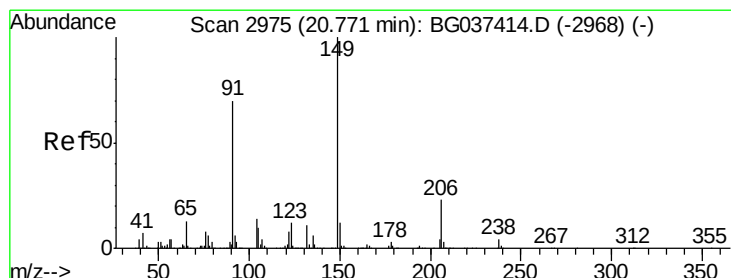
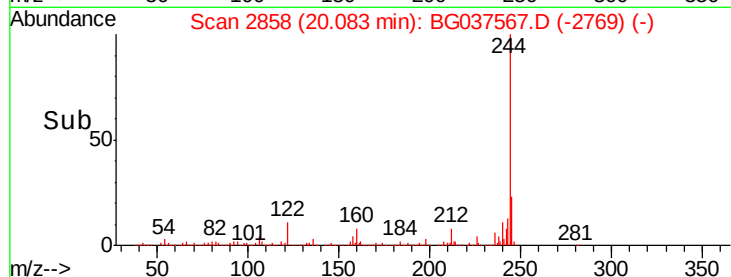
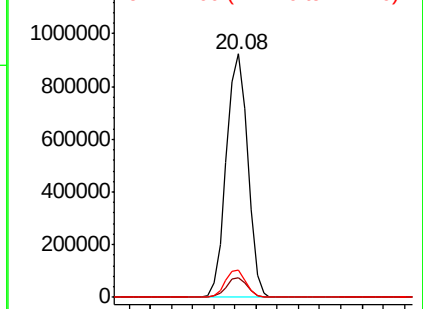


Abundance

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



#80

Butylbenzylphthalate

Concen: 57.067 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

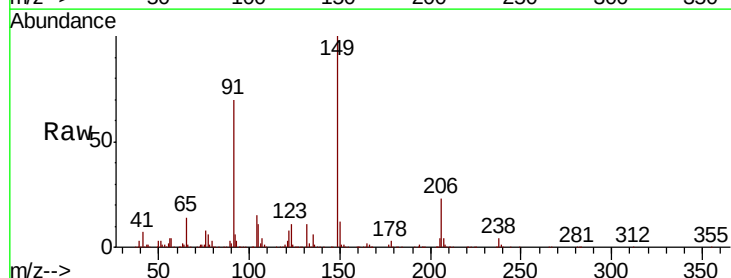
Tgt Ion:149 Resp: 531045

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 70.2  | 57.0  | 85.4  |
| 206 | 22.5  | 17.8  | 26.6  |

149 100

91 70.2 57.0 85.4

206 22.5 17.8 26.6

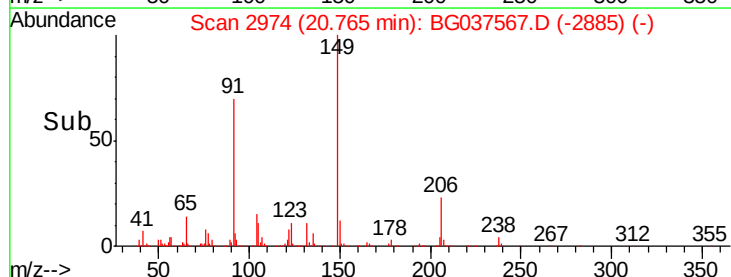
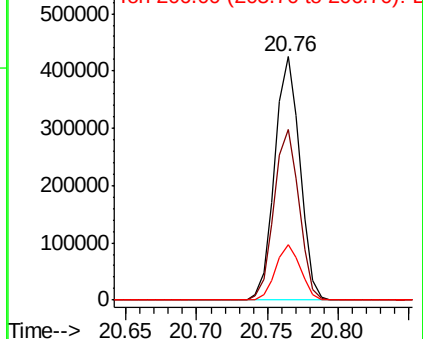


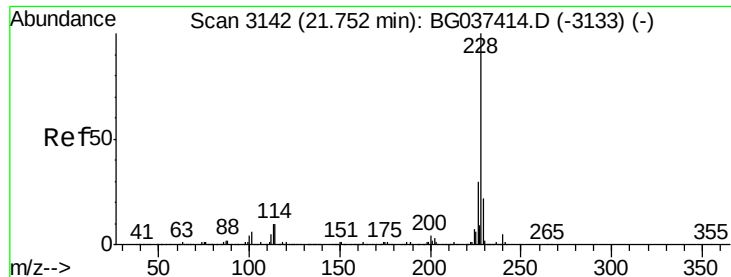
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

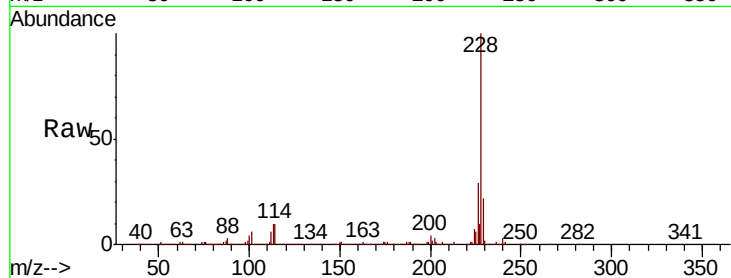




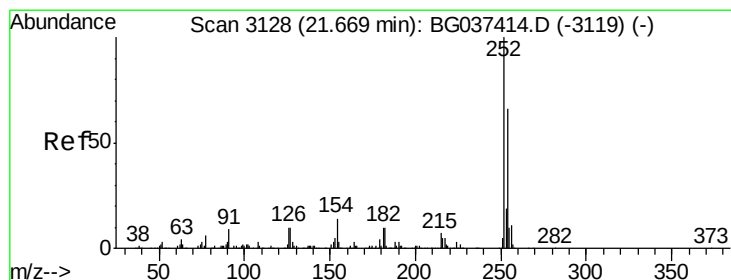
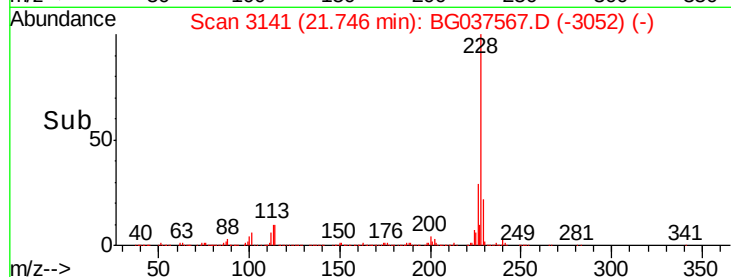
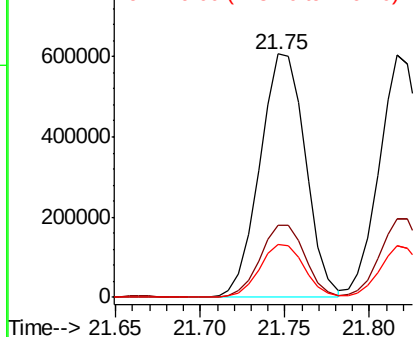
#81  
Benzo(a)anthracene  
Concen: 54.929 ng  
RT: 21.75 min Scan# 3141  
Delta R.T. -0.01 min  
Lab File: BG037567.D  
Acq: 26 Oct 2018 6:05

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:228 Resp: 1130088  
Ion Ratio Lower Upper  
228 100  
226 29.4 22.6 33.8  
229 21.8 16.3 24.5

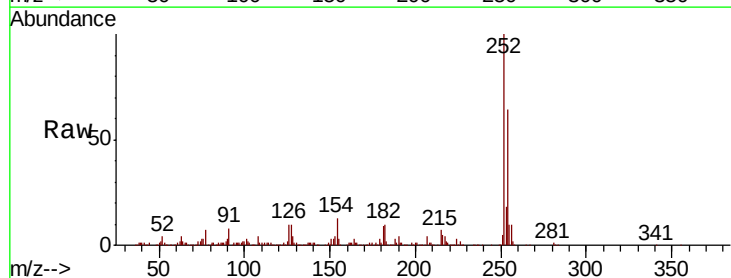


Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

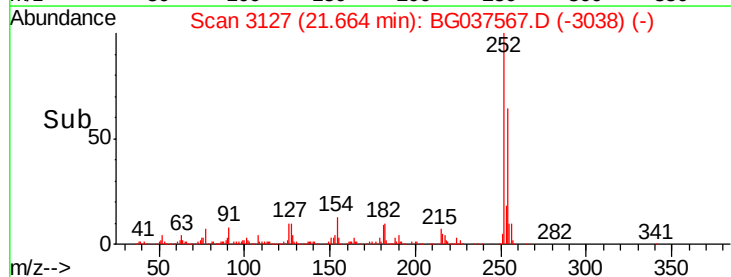
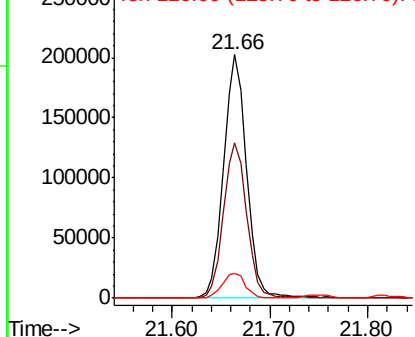


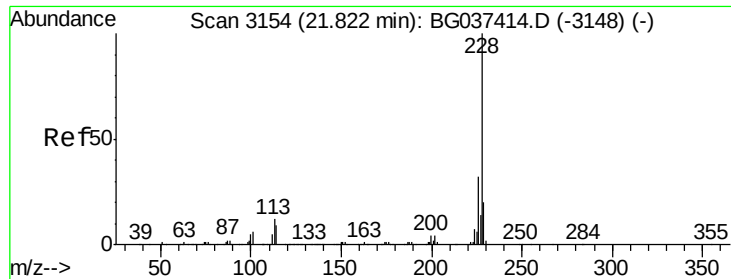
#82  
3,3'-Dichlorobenzidine  
Concen: 41.396 ng  
RT: 21.66 min Scan# 3127  
Delta R.T. -0.01 min  
Lab File: BG037567.D  
Acq: 26 Oct 2018 6:05

Tgt Ion:252 Resp: 330109  
Ion Ratio Lower Upper  
252 100  
254 63.6 52.0 78.0  
126 10.1 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 254.00 (253.70 to 254.70): E  
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 53.565 ng

RT: 21.82 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

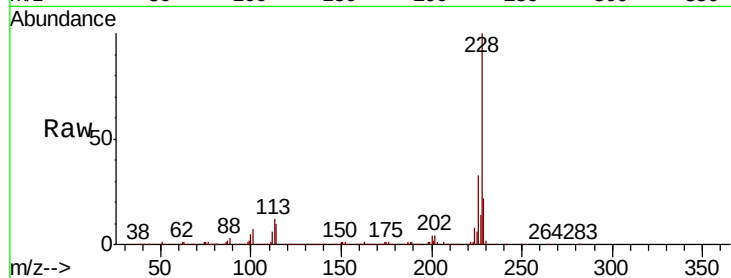
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:228 Resp: 1059683

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 32.7  | 25.7  | 38.5  |
| 229 | 21.5  | 16.5  | 24.7  |

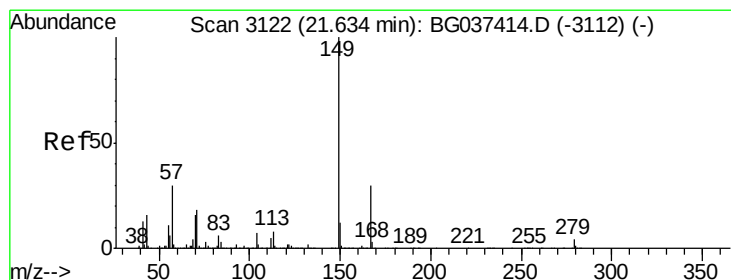
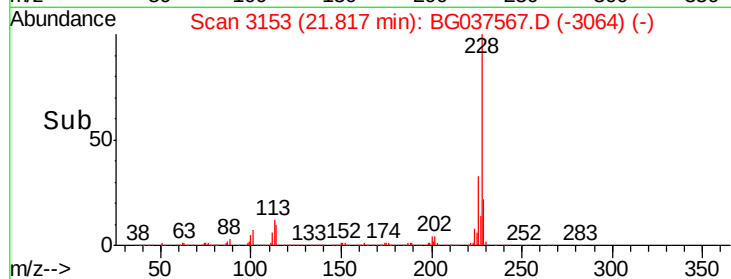
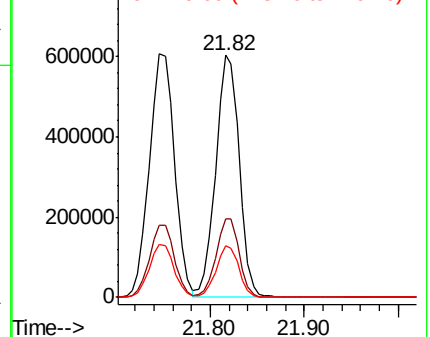


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.172 ng

RT: 21.62 min Scan# 3120

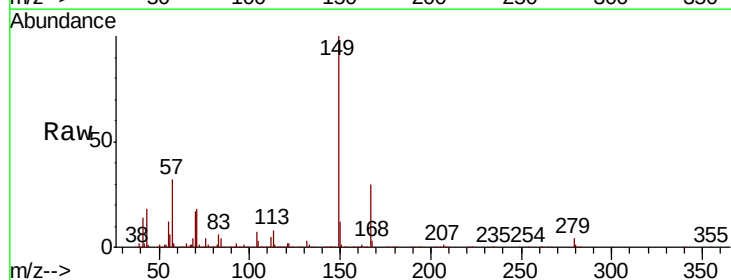
Delta R.T. -0.01 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

Tgt Ion:149 Resp: 745750

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 30.4  | 23.0  | 34.4  |
| 279 | 4.2   | 3.6   | 5.4   |

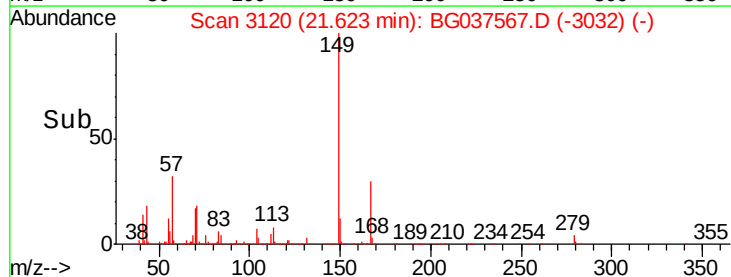
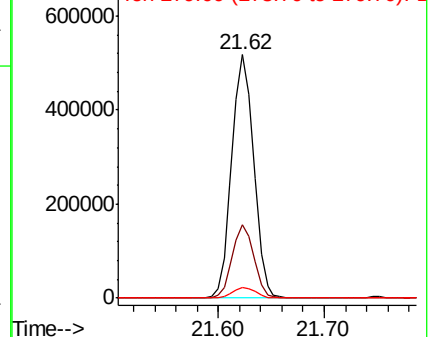


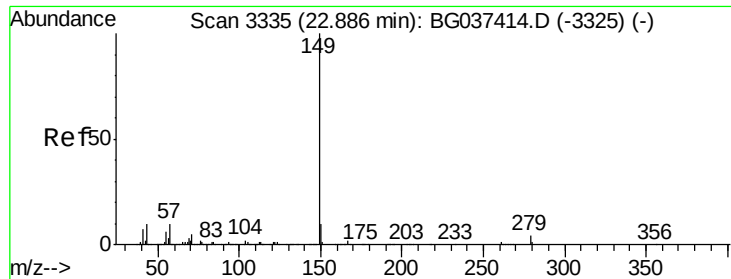
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

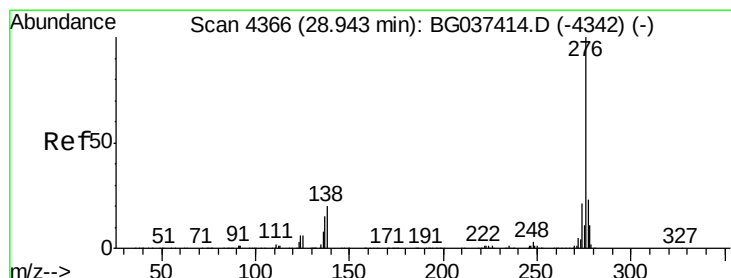
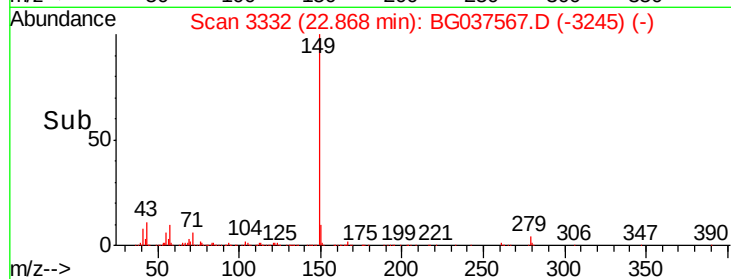
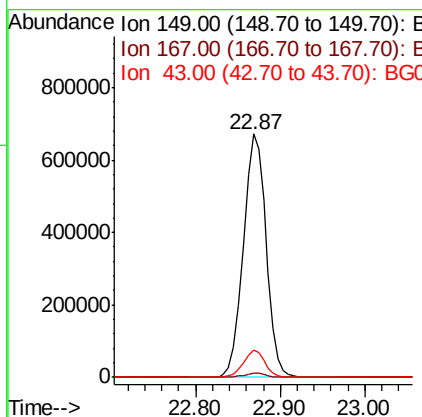
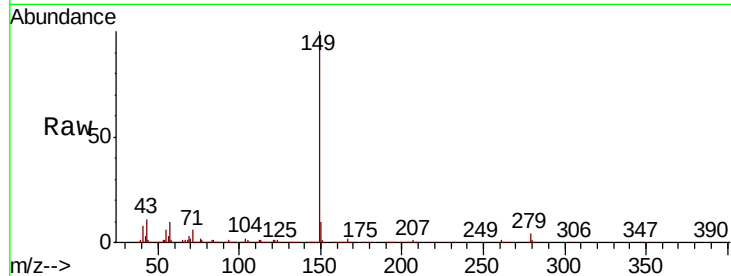




#85  
Di-n-octyl phthalate  
Concen: 58.841 ng  
RT: 22.87 min Scan# 3332  
Delta R.T. -0.02 min  
Lab File: BG037567.D  
Acq: 26 Oct 2018 6:05

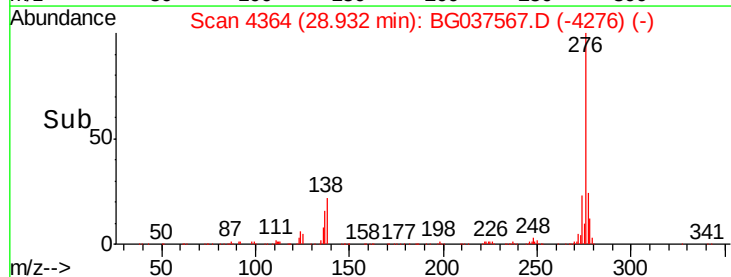
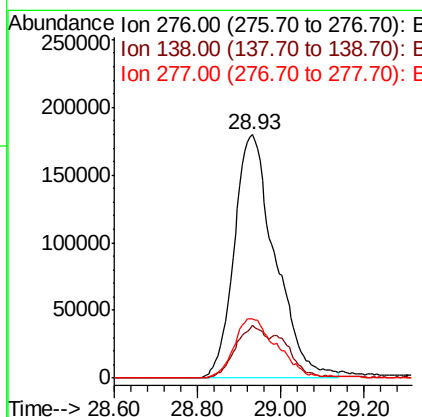
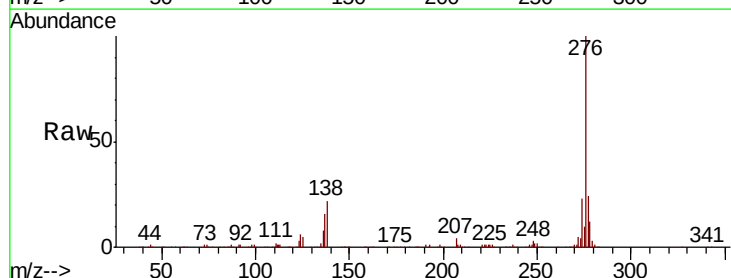
Instrument :  
BNA\_G  
ClientSampled :

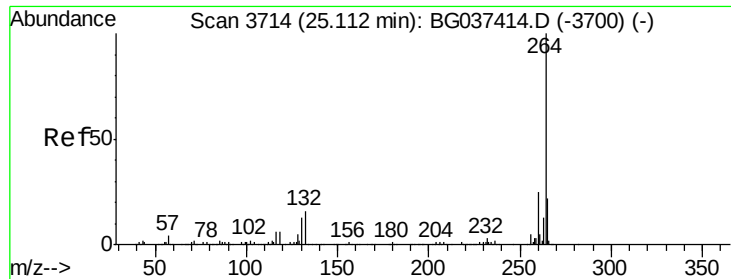
Tot Ion:149 Resp: 1251559  
Ion Ratio Lower Upper  
149 100  
167 1.8 1.3 1.9  
43 10.4 8.7 13.1



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 57.829 ng  
RT: 28.93 min Scan# 4364  
Delta R.T. -0.01 min  
Lab File: BG037567.D  
Acq: 26 Oct 2018 6:05

Tgt Ion:276 Resp: 1227034  
Ion Ratio Lower Upper  
276 100  
138 16.2 12.0 18.0  
277 25.5 20.6 30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

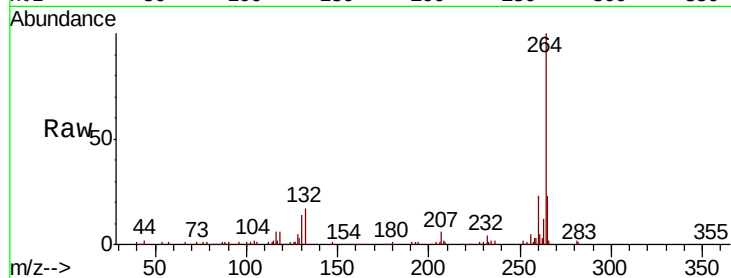
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:264 Resp: 368907

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.3  | 18.2  | 27.4  |
| 265 | 22.6  | 17.9  | 26.9  |

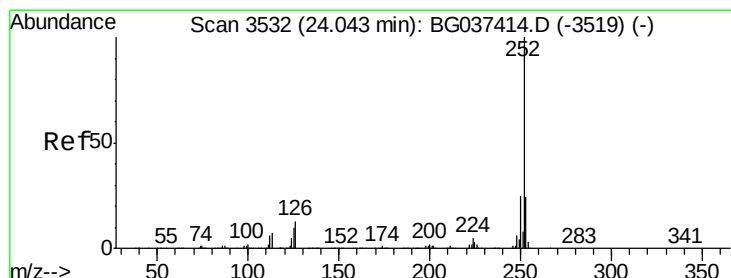
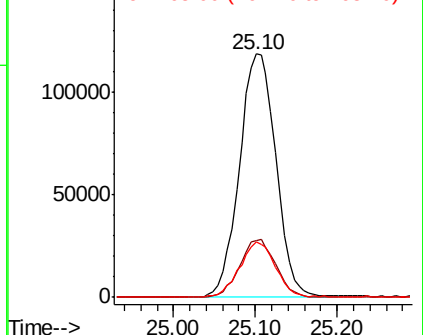
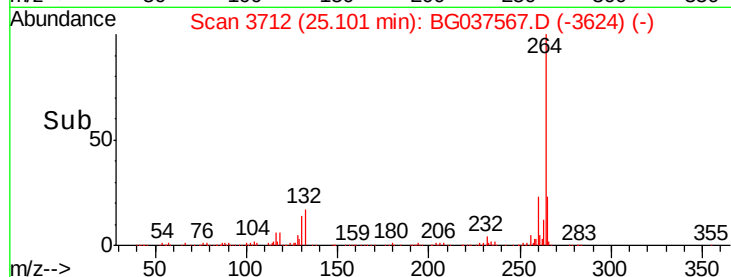


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 56.998 ng

RT: 24.04 min Scan# 3531

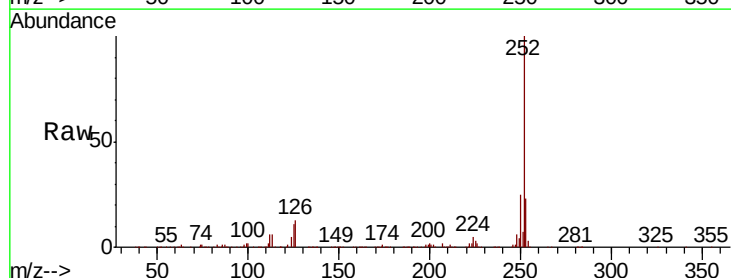
Delta R.T. -0.01 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

Tgt Ion:252 Resp: 1152767

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.8  | 18.2  | 27.2  |
| 125 | 10.7  | 7.8   | 11.6  |

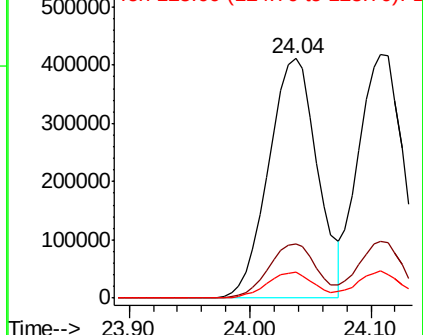
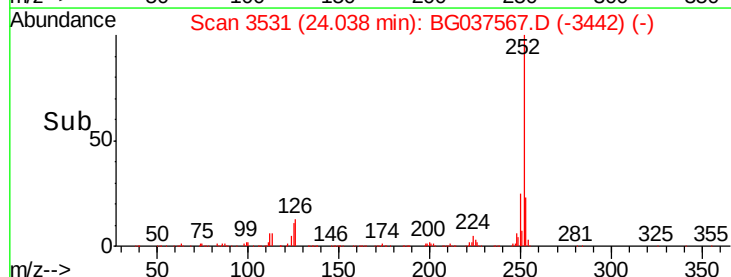


Abundance

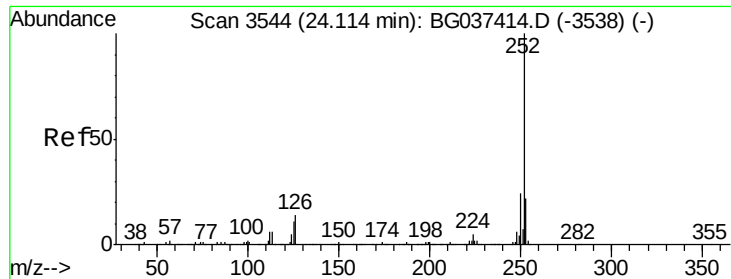
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







#89

Benzo(k)fluoranthene

Concen: 54.405 ng

RT: 24.11 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

Instrument :

BNA\_G

ClientSampleId :

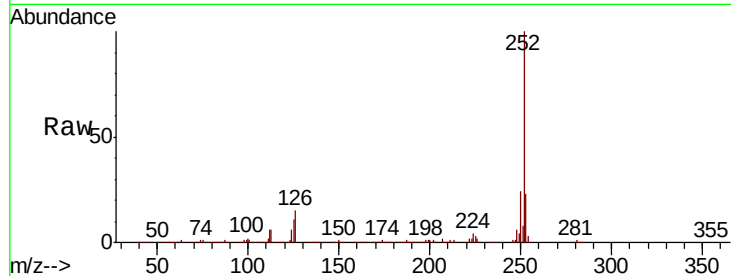
Tot Ion:252 Resp: 1078040

Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.2

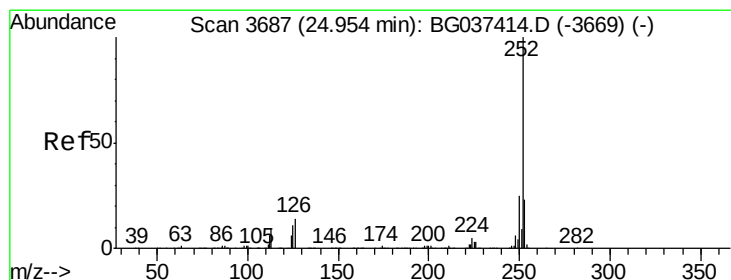
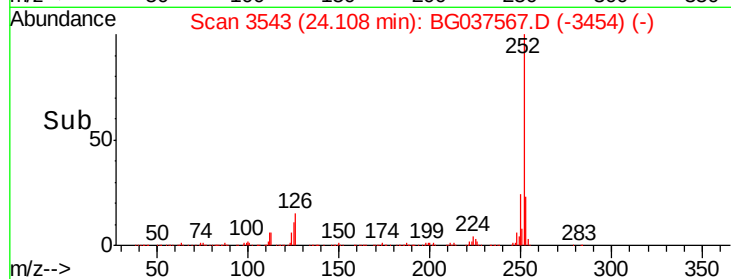
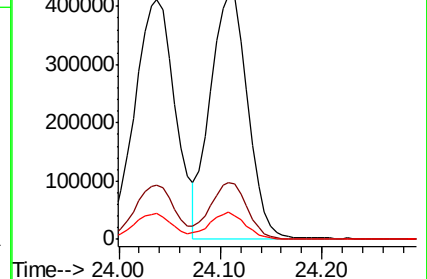
125 11.0 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 57.203 ng

RT: 24.95 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

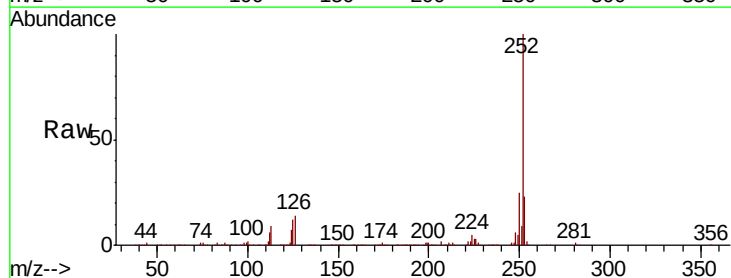
Tgt Ion:252 Resp: 1099337

Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.2

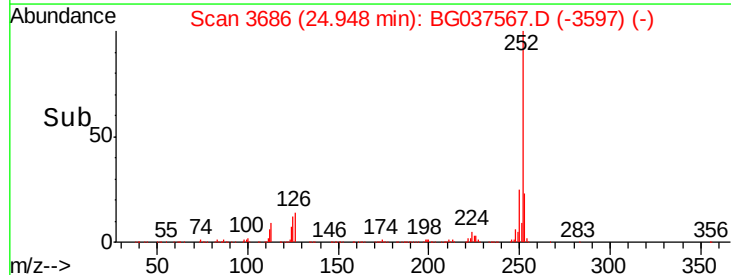
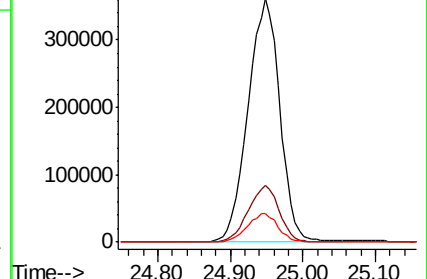
125 11.7 9.0 13.6

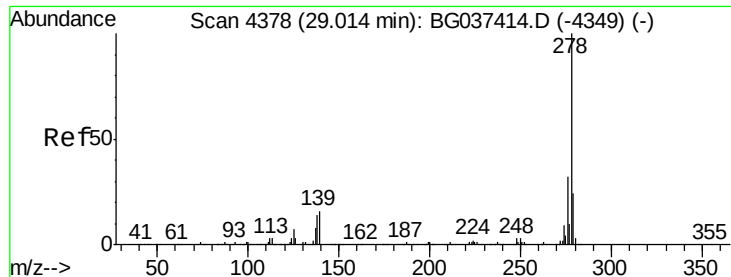


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 55.788 ng

RT: 29.00 min Scan# 4376

Delta R.T. -0.01 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

Instrument :

BNA\_G

ClientSampled :

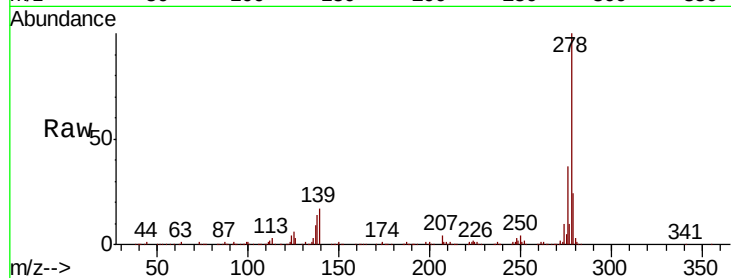
Tot Ion:278 Resp: 988975

Ion Ratio Lower Upper

278 100

139 16.6 11.5 17.3

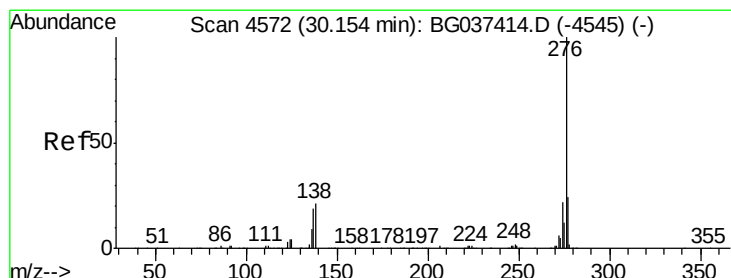
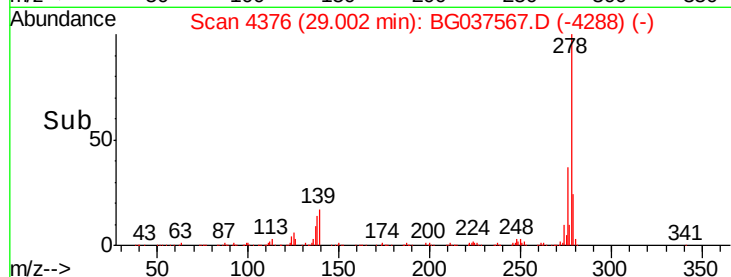
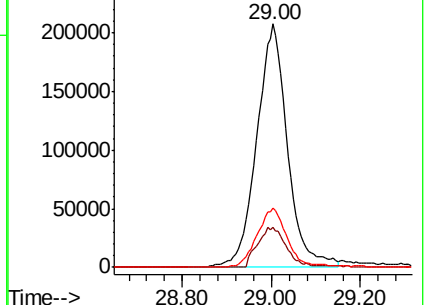
279 24.4 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 56.861 ng

RT: 30.14 min Scan# 4570

Delta R.T. -0.01 min

Lab File: BG037567.D

Acq: 26 Oct 2018 6:05

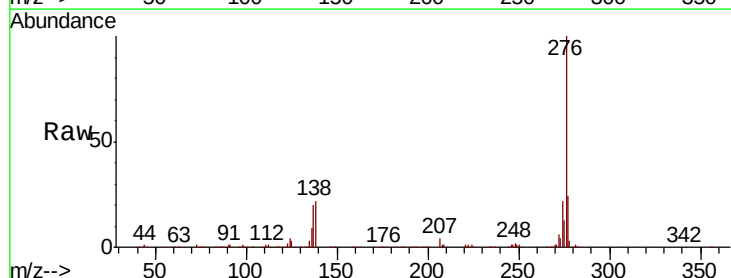
Tgt Ion:276 Resp: 1019791

Ion Ratio Lower Upper

276 100

277 24.2 18.9 28.3

138 22.2 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

