

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG100218\  
 Data File : BG037118.D  
 Acq On : 2 Oct 2018 23:49  
 Operator : JU/SJ  
 Sample : PB113441BS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 03 01:58:22 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG092018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 24 10:41:23 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.04  | 152  | 49006    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.84 | 136  | 198351   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 14.66 | 164  | 119953   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 17.41 | 188  | 292275   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.68 | 240  | 293295   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 24.87 | 264  | 299917   | 20.00 | ng    | -0.03    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.62  | 112 | 371489  | 145.38 | ng | 0.00  |
| 7) Phenol-d6                | 7.21  | 99  | 499738  | 126.40 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 9.21  | 82  | 330986  | 89.36  | ng | 0.00  |
| 41) 2,4,6-Tribromophenol    | 16.16 | 330 | 183197  | 127.65 | ng | -0.01 |
| 44) 2-Fluorobiphenyl        | 13.29 | 172 | 687161  | 85.32  | ng | -0.01 |
| 78) Terphenyl-d14           | 20.02 | 244 | 1094188 | 98.10  | ng | -0.01 |

|                                |       |     |        |            |        |
|--------------------------------|-------|-----|--------|------------|--------|
| Target Compounds               |       |     |        |            | Qvalue |
| 2) 1,4-Dioxane                 | 3.52  | 88  | 53588  | 45.830 ng  | 95     |
| 3) Pyridine                    | 3.92  | 79  | 140761 | 41.692 ng  | 96     |
| 4) n-Nitrosodimethylamine      | 3.84  | 42  | 74897  | 49.912 ng  | # 97   |
| 6) Aniline                     | 7.37  | 93  | 97912  | 19.086 ng  | 98     |
| 8) 2-Chlorophenol              | 7.61  | 128 | 140462 | 47.340 ng  | 92     |
| 9) Benzaldehyde                | 7.18  | 77  | 71726  | 27.456 ng  | 97     |
| 10) Phenol                     | 7.23  | 94  | 193015 | 47.304 ng  | 96     |
| 11) bis(2-Chloroethyl)ether    | 7.46  | 93  | 147076 | 38.968 ng  | 98     |
| 12) 1,3-Dichlorobenzene        | 7.93  | 146 | 153379 | 42.165 ng  | 100    |
| 13) 1,4-Dichlorobenzene        | 8.08  | 146 | 160565 | 43.133 ng  | 98     |
| 14) 1,2-Dichlorobenzene        | 8.39  | 146 | 150639 | 41.758 ng  | 97     |
| 15) Benzyl Alcohol             | 8.28  | 79  | 132257 | 41.228 ng  | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.56  | 45  | 303920 | 41.942 ng  | 98     |
| 17) 2-Methylphenol             | 8.48  | 107 | 125983 | 44.326 ng  | 95     |
| 18) Hexachloroethane           | 9.12  | 117 | 61902  | 45.187 ng  | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.84  | 70  | 123250 | 37.474 ng  | 99     |
| 20) 3+4-Methylphenols          | 8.81  | 107 | 174750 | 44.196 ng  | 98     |
| 22) Acetophenone               | 8.86  | 105 | 215790 | 46.295 ng  | 97     |
| 24) Nitrobenzene               | 9.25  | 77  | 183551 | 46.404 ng  | 97     |
| 25) Isophorone                 | 9.76  | 82  | 342997 | 50.680 ng  | 98     |
| 26) 2-Nitrophenol              | 9.96  | 139 | 77257  | 49.001 ng  | 100    |
| 27) 2,4-Dimethylphenol         | 10.01 | 122 | 136435 | 55.553 ng  | 96     |
| 28) bis(2-Chloroethoxy)methane | 10.24 | 93  | 197429 | 47.275 ng  | 97     |
| 29) 2,4-Dichlorophenol         | 10.49 | 162 | 144445 | 50.736 ng  | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.70 | 180 | 158942 | 44.611 ng  | 98     |
| 31) Naphthalene                | 10.89 | 128 | 455309 | 48.244 ng  | 98     |
| 32) Benzoic acid               | 10.16 | 122 | 47273  | 27.896 ng  | 99     |
| 33) 4-Chloroaniline            | 11.01 | 127 | 43040  | 10.030 ng  | 95     |
| 34) Hexachlorobutadiene        | 11.17 | 225 | 107069 | 43.456 ng  | 97     |
| 35) Caprolactam                | 11.78 | 113 | 50275  | 42.905 ng  | 98     |
| 36) 4-Chloro-3-methylphenol    | 12.12 | 107 | 162469 | 47.827 ng  | 95     |
| 37) 2-Methylnaphthalene        | 12.50 | 142 | 344387 | 47.912 ng  | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.86 | 216 | 186175 | 44.500 ng  | 98     |
| 40) Hexachlorocyclopentadiene  | 12.84 | 237 | 222068 | 103.205 ng | 96     |

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 Sample : PB113441BS  
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 ALS Vial : 13 Sample Multiplier: 1

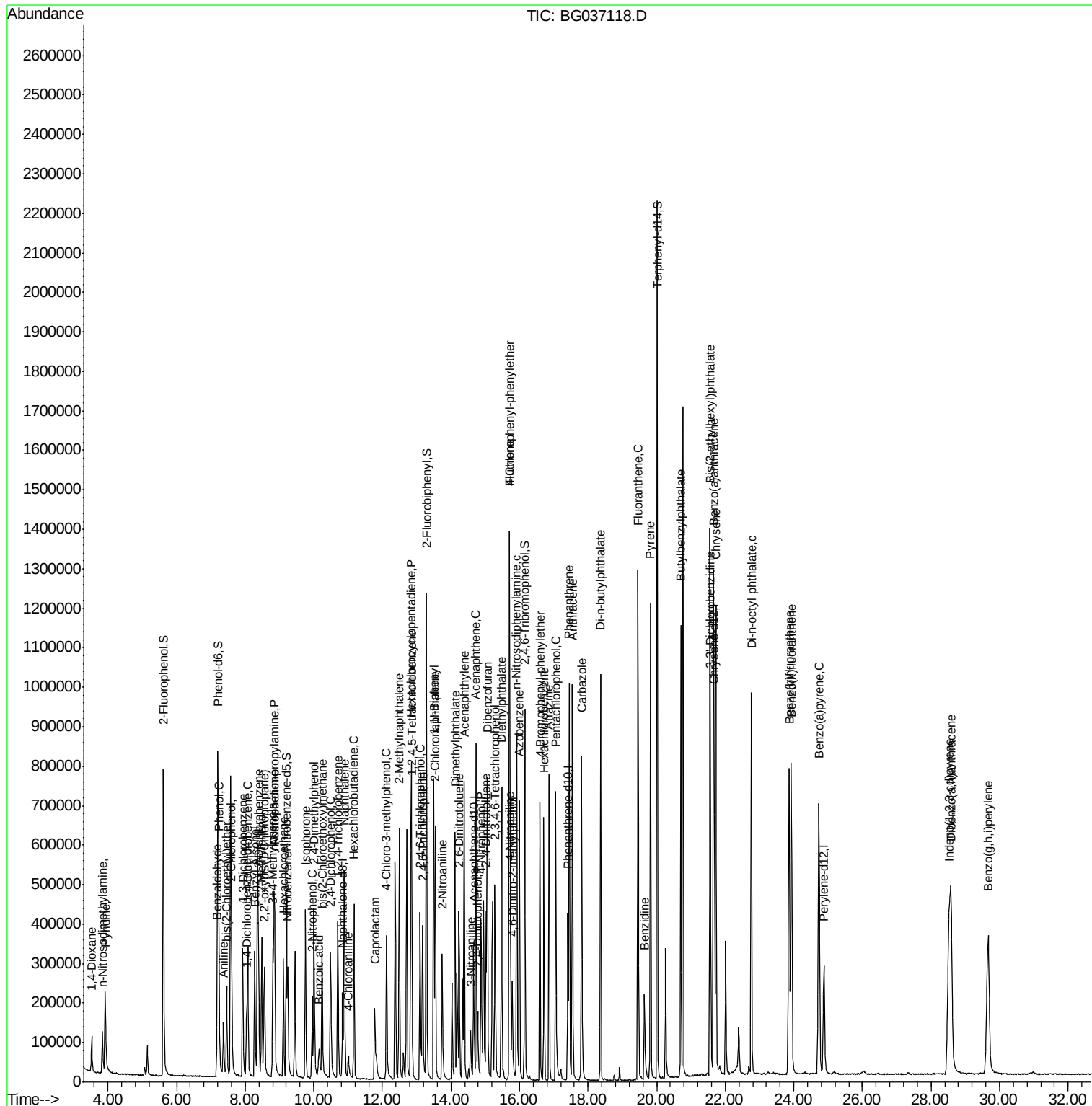
Quant Time: Oct 03 01:58:22 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG092018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 24 10:41:23 2018  
 Response via : Initial Calibration

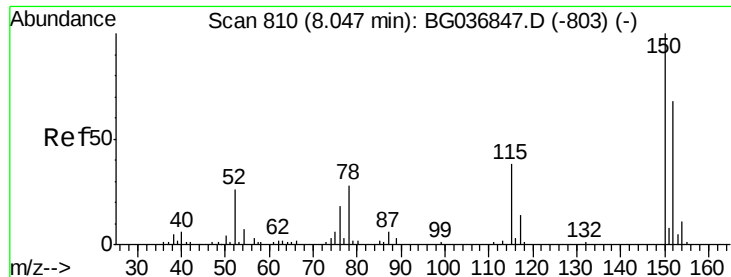
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| -----                          |       |      |          |        |       |          |
| 42) 2,4,6-Trichlorophenol      | 13.10 | 196  | 116264   | 50.044 | ng    | 97       |
| 43) 2,4,5-Trichlorophenol      | 13.18 | 196  | 125031   | 50.471 | ng    | 95       |
| 45) 1,1'-Biphenyl              | 13.50 | 154  | 441624   | 48.072 | ng    | 97       |
| 46) 2-Chloronaphthalene        | 13.54 | 162  | 333672   | 46.186 | ng    | 100      |
| 47) 2-Nitroaniline             | 13.75 | 65   | 121082   | 48.455 | ng    | 96       |
| 48) Acenaphthylene             | 14.39 | 152  | 572134   | 50.538 | ng    | 100      |
| 49) Dimethylphthalate          | 14.12 | 163  | 436581   | 45.216 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.24 | 165  | 98049    | 46.543 | ng    | 96       |
| 51) Acenaphthene               | 14.73 | 154  | 324273   | 47.394 | ng    | 99       |
| 52) 3-Nitroaniline             | 14.58 | 138  | 41453    | 18.674 | ng    | # 99     |
| 53) 2,4-Dinitrophenol          | 14.78 | 184  | 51195    | 54.546 | ng    | 99       |
| 54) Dibenzofuran               | 15.06 | 168  | 531853   | 45.955 | ng    | 100      |
| 55) 4-Nitrophenol              | 14.88 | 139  | 138334   | 97.546 | ng    | 96       |
| 56) 2,4-Dinitrotoluene         | 15.03 | 165  | 137231   | 46.684 | ng    | 93       |
| 57) Fluorene                   | 15.71 | 166  | 427134   | 49.379 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.29 | 232  | 124117   | 49.389 | ng    | 98       |
| 59) Diethylphthalate           | 15.48 | 149  | 437398   | 44.914 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.70 | 204  | 234631   | 42.830 | ng    | 99       |
| 61) 4-Nitroaniline             | 15.74 | 138  | 103500   | 44.325 | ng    | 94       |
| 62) Azobenzene                 | 16.00 | 77   | 456702   | 48.807 | ng    | 99       |
| 64) 4,6-Dinitro-2-methylphenol | 15.79 | 198  | 63615    | 41.631 | ng    | 97       |
| 65) n-Nitrosodiphenylamine     | 15.91 | 169  | 379170   | 46.992 | ng    | 97       |
| 66) 4-Bromophenyl-phenylether  | 16.60 | 248  | 146975   | 44.210 | ng    | 98       |
| 67) Hexachlorobenzene          | 16.71 | 284  | 147581   | 43.102 | ng    | 98       |
| 68) Atrazine                   | 16.87 | 200  | 153776   | 47.067 | ng    | 98       |
| 69) Pentachlorophenol          | 17.06 | 266  | 158182   | 73.377 | ng    | 99       |
| 70) Phenanthrene               | 17.45 | 178  | 697040   | 49.490 | ng    | 98       |
| 71) Anthracene                 | 17.54 | 178  | 716621   | 51.456 | ng    | 100      |
| 72) Carbazole                  | 17.81 | 167  | 632856   | 46.606 | ng    | 99       |
| 73) Di-n-butylphthalate        | 18.36 | 149  | 743246   | 49.288 | ng    | 100      |
| 74) Fluoranthene               | 19.46 | 202  | 851860   | 50.246 | ng    | 99       |
| 76) Benzidine                  | 19.65 | 184  | 186131   | 20.993 | ng    | 99       |
| 77) Pyrene                     | 19.82 | 202  | 843083   | 47.902 | ng    | 100      |
| 79) Butylbenzylphthalate       | 20.70 | 149  | 358512   | 51.104 | ng    | 96       |
| 80) Benzo(a)anthracene         | 21.66 | 228  | 830576   | 48.512 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.57 | 252  | 145660   | 22.351 | ng    | 100      |
| 82) Chrysene                   | 21.73 | 228  | 797122   | 48.187 | ng    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 21.56 | 149  | 490623   | 50.063 | ng    | 99       |
| 84) Di-n-octyl phthalate       | 22.76 | 149  | 827967   | 51.313 | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.53 | 276  | 933505   | 52.551 | ng    | # 93     |
| 87) Benzo(b)fluoranthene       | 23.86 | 252  | 820600   | 51.341 | ng    | 96       |
| 88) Benzo(k)fluoranthene       | 23.93 | 252  | 799324   | 49.847 | ng    | 99       |
| 89) Benzo(a)pyrene             | 24.73 | 252  | 801037   | 51.839 | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 28.58 | 278  | 750581   | 51.828 | ng    | 99       |
| 91) Benzo(g,h,i)perylene       | 29.66 | 276  | 767179   | 52.784 | ng    | 99       |
| -----                          |       |      |          |        |       |          |

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

```
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Misc      :  
ALS Vial  : 13 Sample Multiplier: 1
```

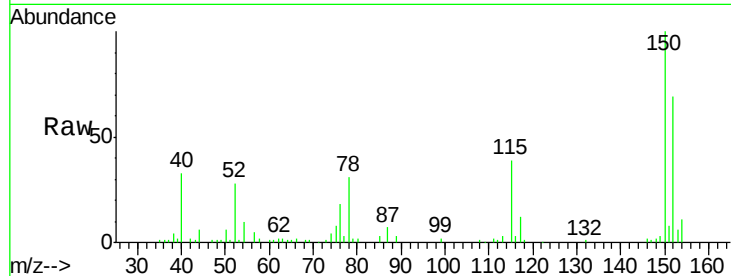
Quant Time: Oct 03 01:58:22 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG092018.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 24 10:41:23 2018  
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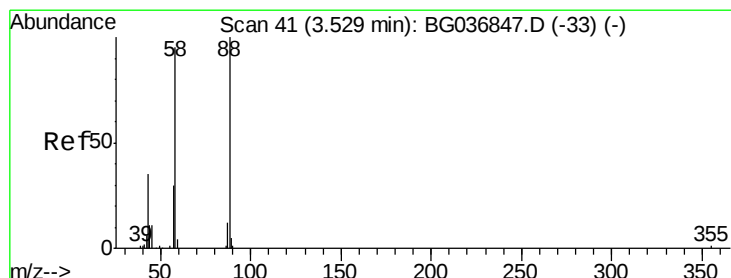
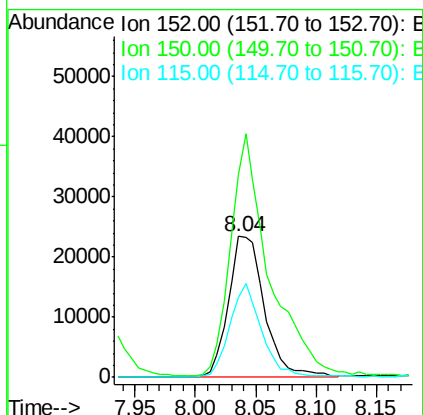
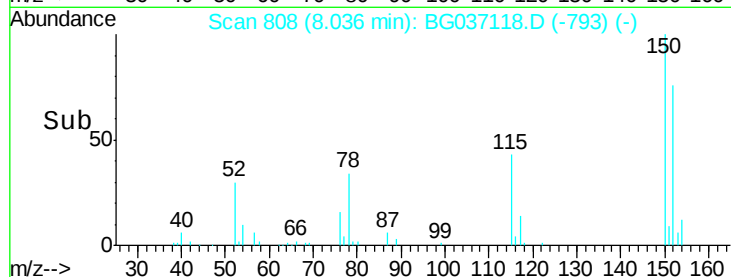


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.04 min Scan# 808  
 Delta R.T. -0.01 min  
 Lab File: BG037118.D  
 Acq: 2 Oct 2018 23:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 144.1 | 119.5 | 179.3 |
| 115     | 56.8  | 44.5  | 66.7  |

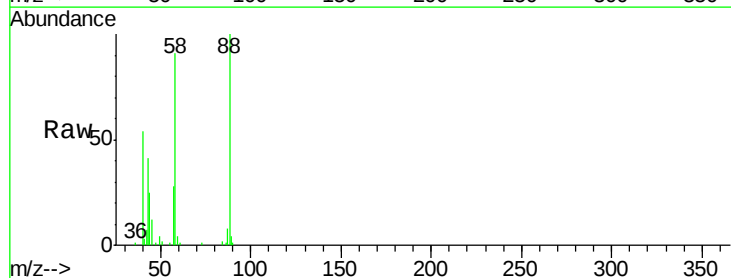


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

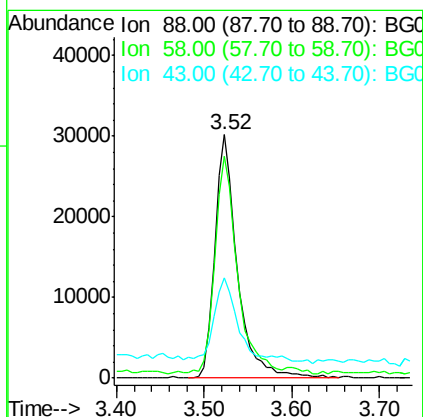
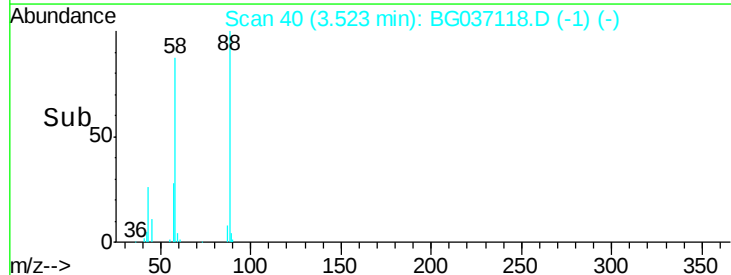


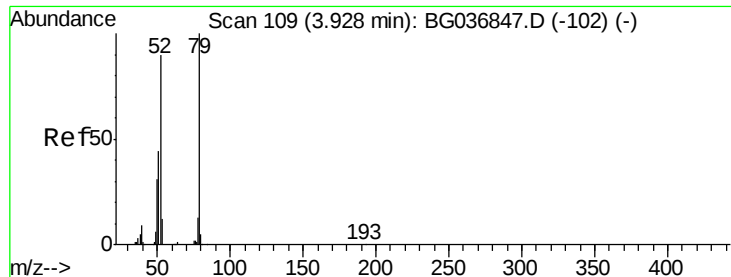
#2  
 1,4-Dioxane  
 Concen: 45.830 ng  
 RT: 3.52 min Scan# 40  
 Delta R.T. -0.01 min  
 Lab File: BG037118.D  
 Acq: 2 Oct 2018 23:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 87.5  | 72.6  | 109.0 |
| 43      | 31.2  | 29.0  | 43.4  |



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

Pyridine

Concen: 41.692 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG037118.D

Acq: 2 Oct 2018 23:49

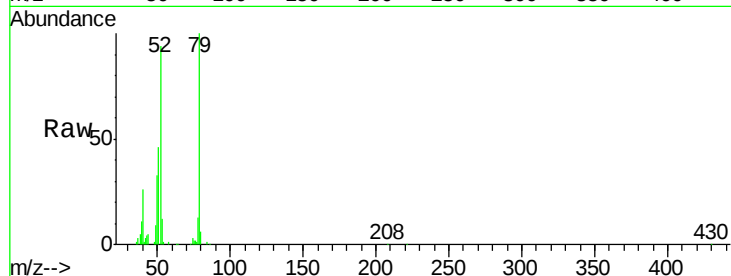
Tgt Ion: 79 Resp: 140761

Ion Ratio Lower Upper

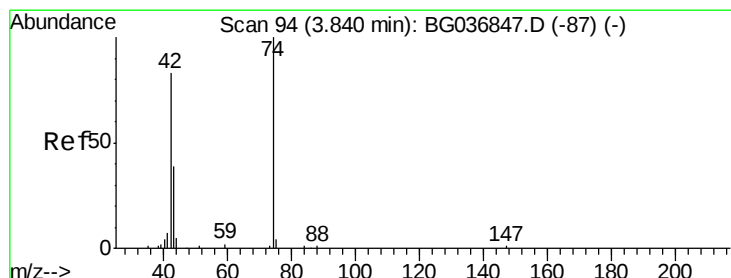
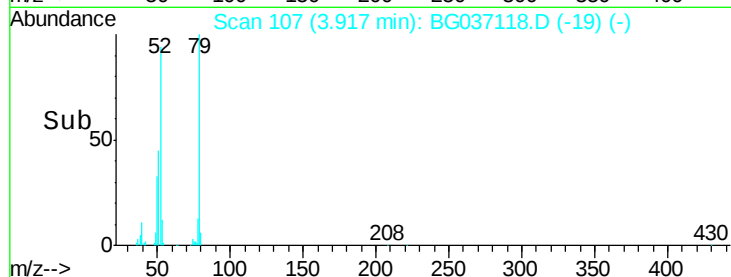
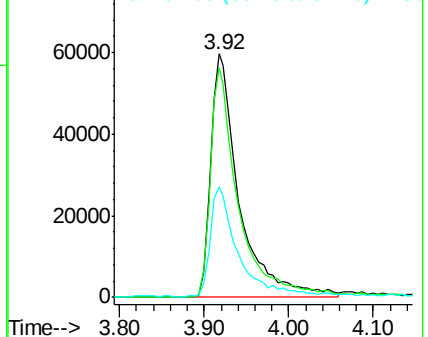
79 100

52 94.2 72.3 108.5

51 45.6 33.8 50.6



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: 49.912 ng

RT: 3.84 min Scan# 94

Delta R.T. 0.00 min

Lab File: BG037118.D

Acq: 2 Oct 2018 23:49

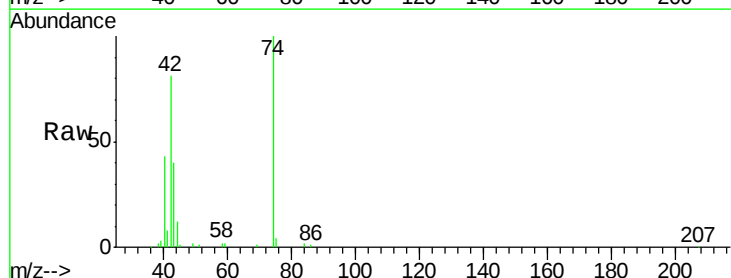
Tgt Ion: 42 Resp: 74897

Ion Ratio Lower Upper

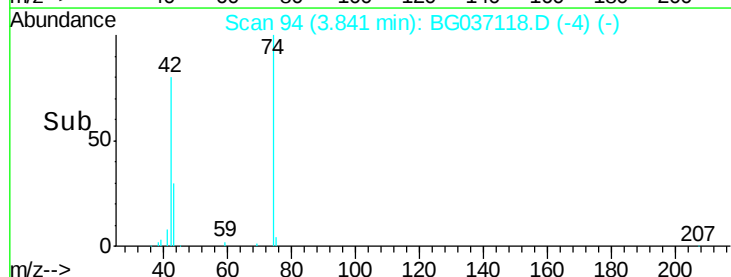
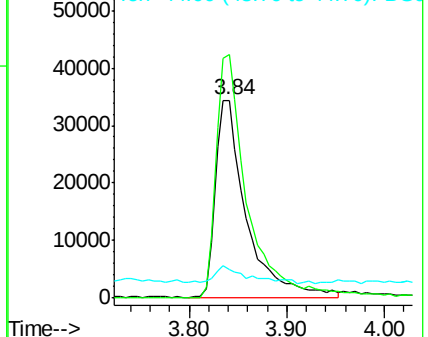
42 100

74 123.2 96.6 145.0

44 14.5 7.0 10.4#



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: 145.377 ng

RT: 5.62 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG037118.D

Acq: 2 Oct 2018 23:49

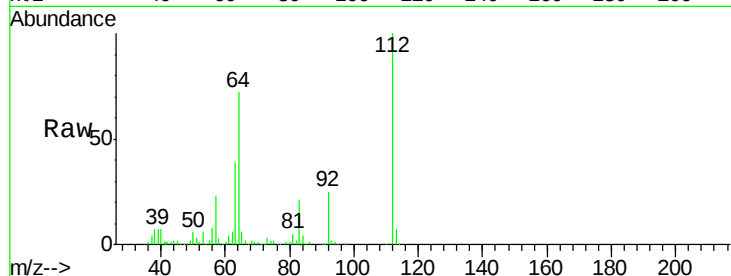
Tgt Ion: 112 Resp: 371489

Ion Ratio Lower Upper

112 100

64 72.5 57.2 85.8

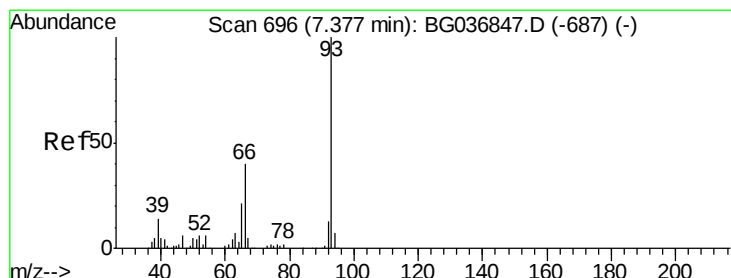
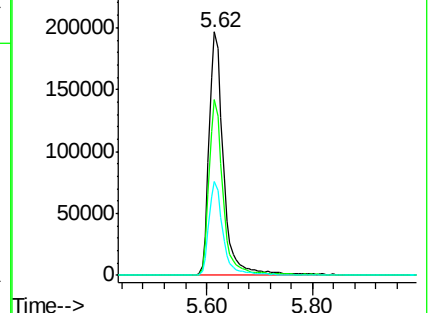
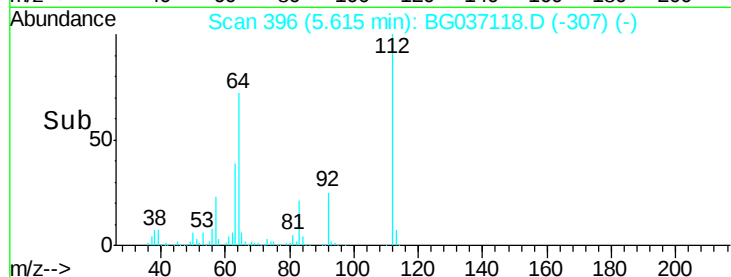
63 38.8 30.8 46.2



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: 19.086 ng

RT: 7.37 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG037118.D

Acq: 2 Oct 2018 23:49

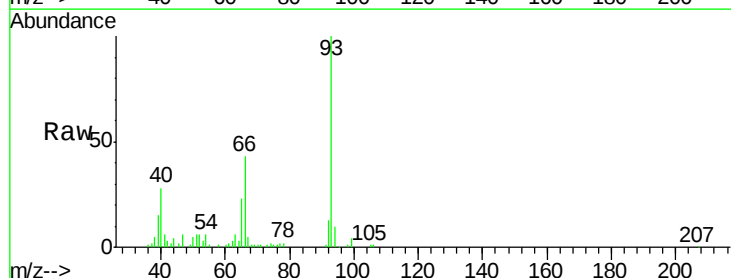
Tgt Ion: 93 Resp: 97912

Ion Ratio Lower Upper

93 100

66 42.7 35.0 52.4

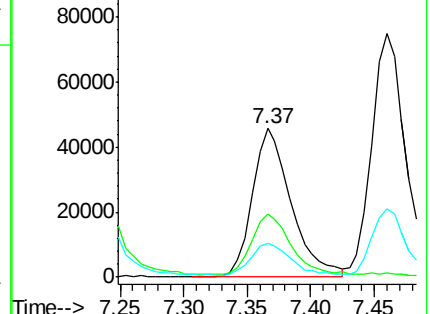
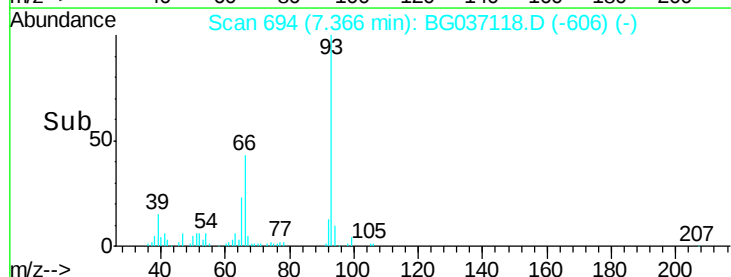
65 22.7 17.6 26.4



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: 126.402 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG037118.D

Acq: 2 Oct 2018 23:49

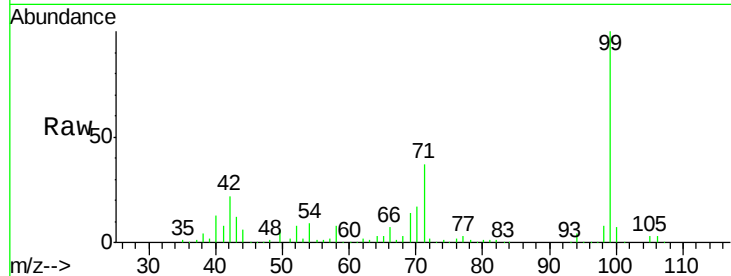
Tgt Ion: 99 Resp: 499738

Ion Ratio Lower Upper

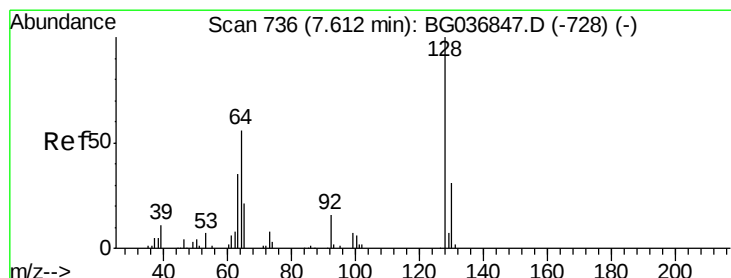
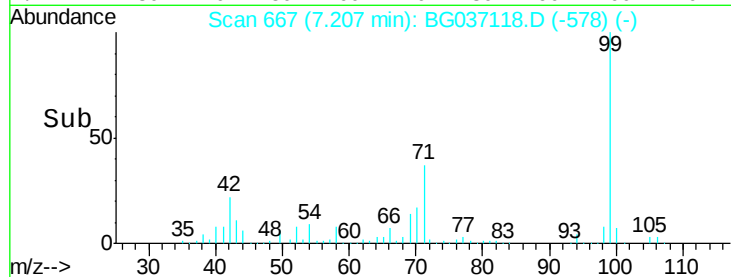
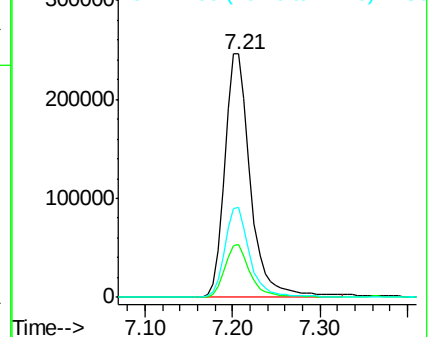
99 100

42 21.6 16.5 24.7

71 37.2 29.4 44.2



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: 47.340 ng

RT: 7.61 min Scan# 735

Delta R.T. -0.01 min

Lab File: BG037118.D

Acq: 2 Oct 2018 23:49

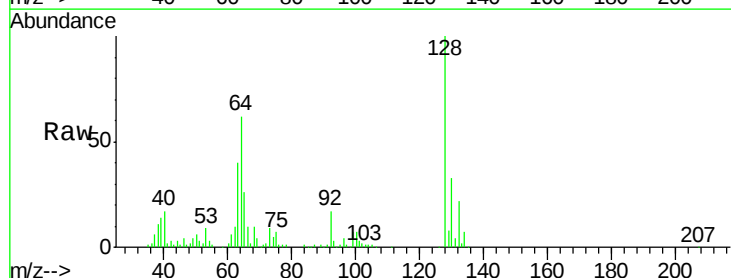
Tgt Ion: 128 Resp: 140462

Ion Ratio Lower Upper

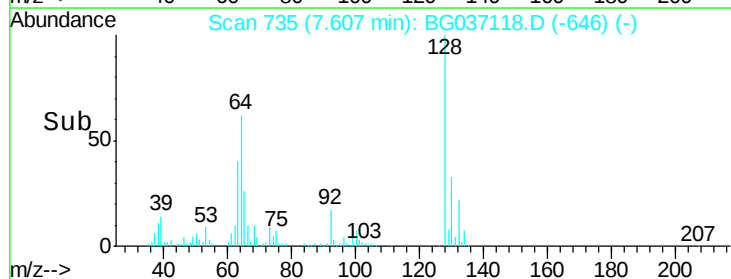
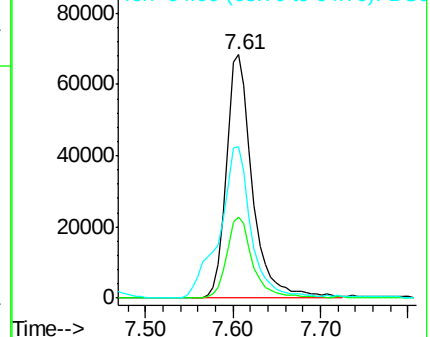
128 100

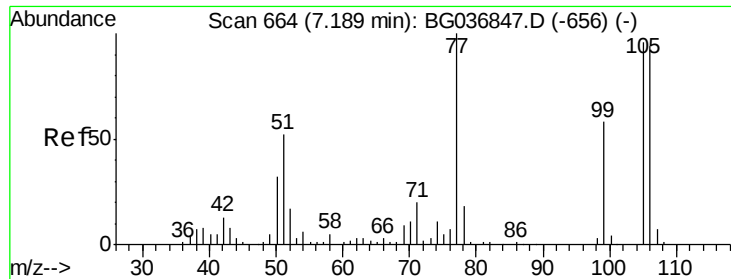
130 33.2 10.0 50.0

64 62.3 36.0 76.0



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





#9

Benzaldehyde

Concen: 27.456 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG037118.D

Acq: 2 Oct 2018 23:49

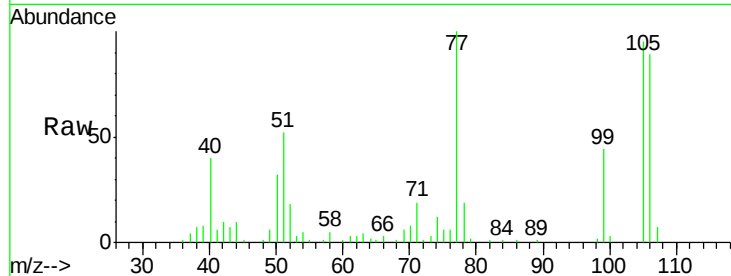
Tgt Ion: 77 Resp: 71726

Ion Ratio Lower Upper

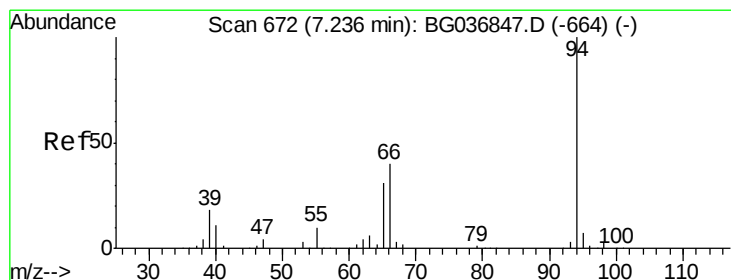
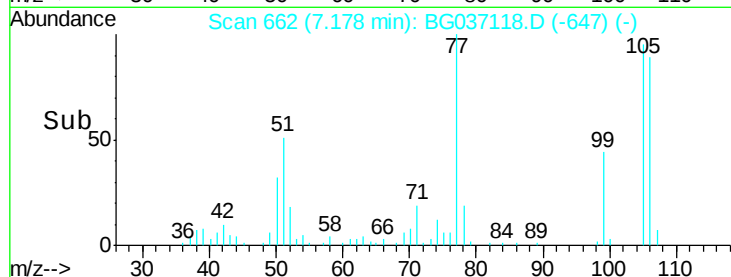
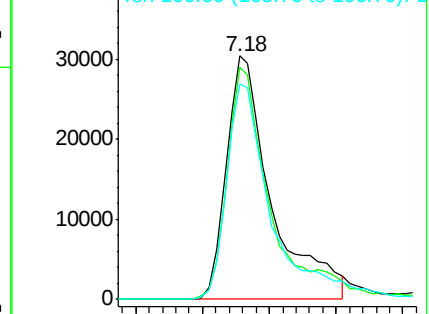
77 100

105 95.2 70.5 110.5

106 88.5 69.8 109.8



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: 47.304 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG037118.D

Acq: 2 Oct 2018 23:49

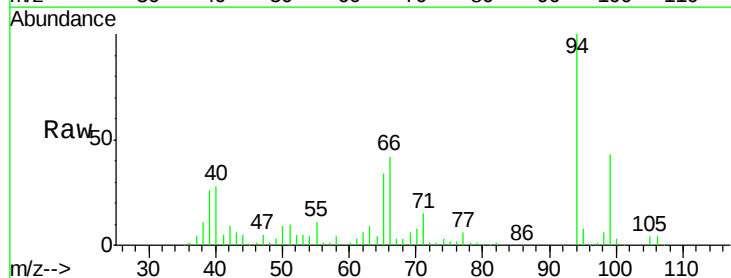
Tgt Ion: 94 Resp: 193015

Ion Ratio Lower Upper

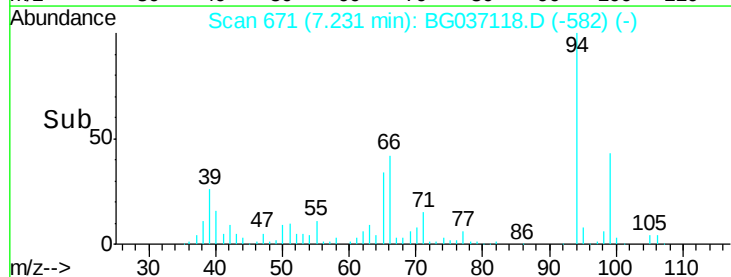
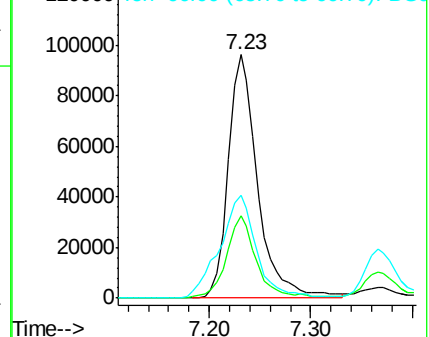
94 100

65 33.8 11.5 51.5

66 42.2 19.5 59.5



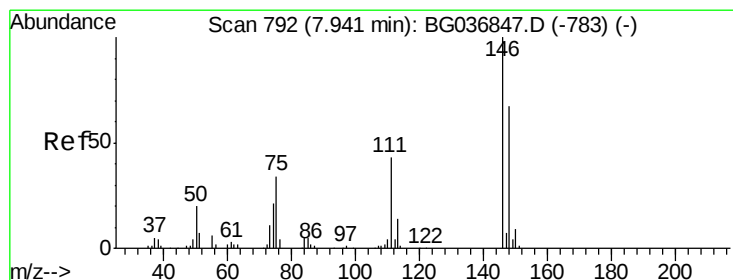
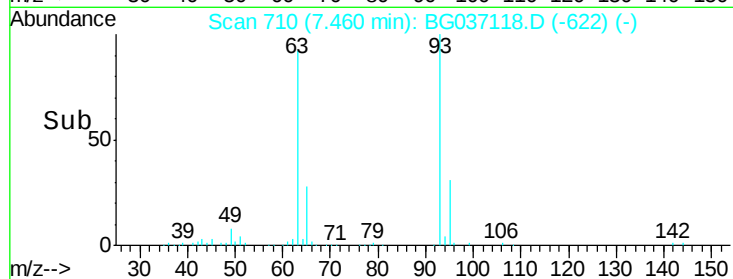
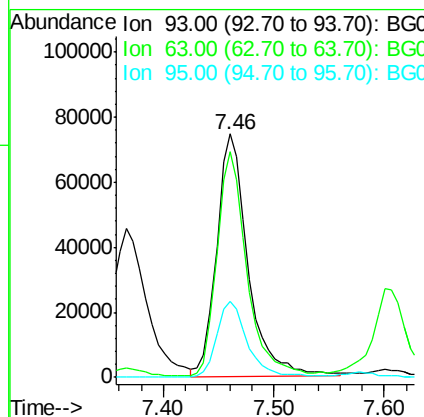
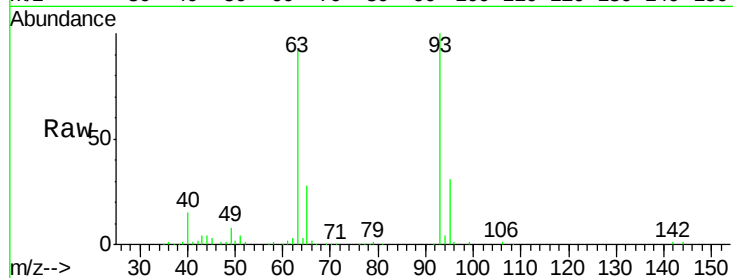
Abundance Ion 94.00 (93.70 to 94.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC





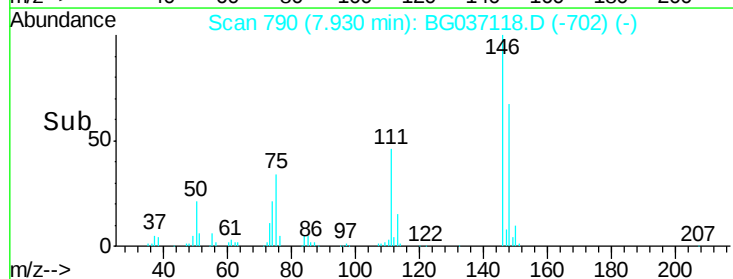
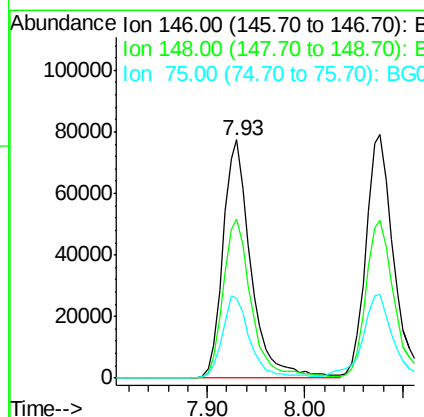
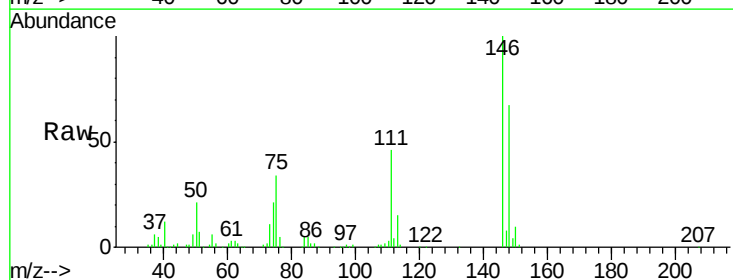
#11  
bis(2-Chloroethyl)ether  
Concen: 38.968 ng  
RT: 7.46 min Scan# 710  
Delta R.T. -0.01 min  
Lab File: BG037118.D  
Acq: 2 Oct 2018 23:49

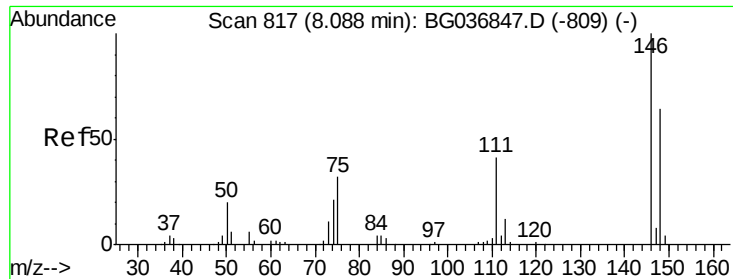
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 147076 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 92.4  | 69.9  | 109.9  |
| 95       | 31.4  | 11.7  | 51.7   |



#12  
1,3-Dichlorobenzene  
Concen: 42.165 ng  
RT: 7.93 min Scan# 790  
Delta R.T. -0.01 min  
Lab File: BG037118.D  
Acq: 2 Oct 2018 23:49

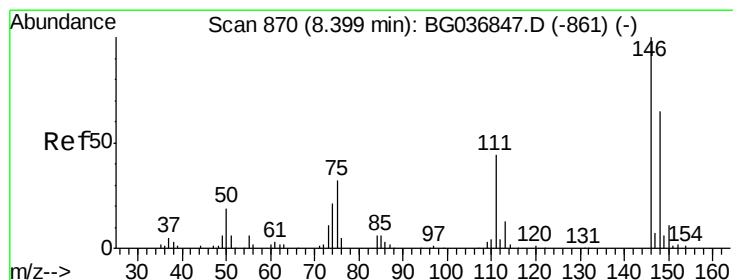
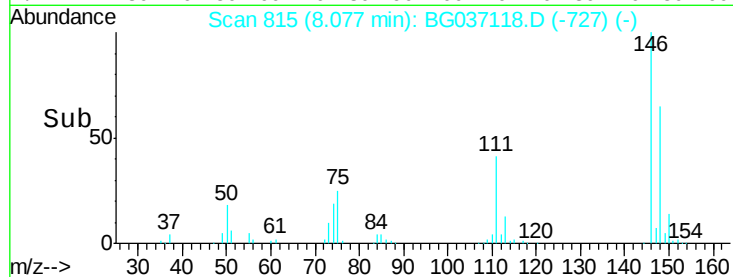
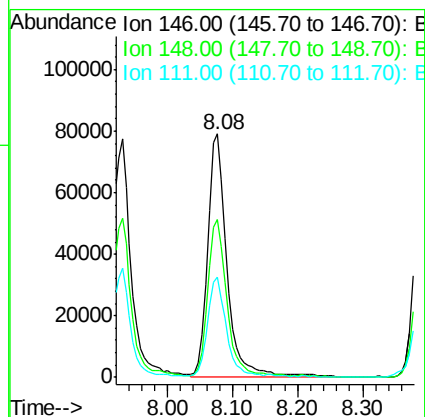
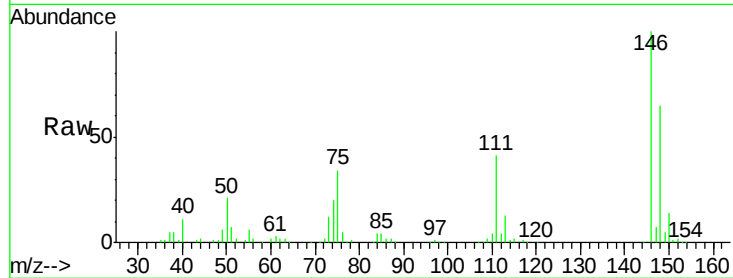
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 153379 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 66.9  | 53.8  | 80.6   |
| 75       | 33.7  | 27.2  | 40.8   |





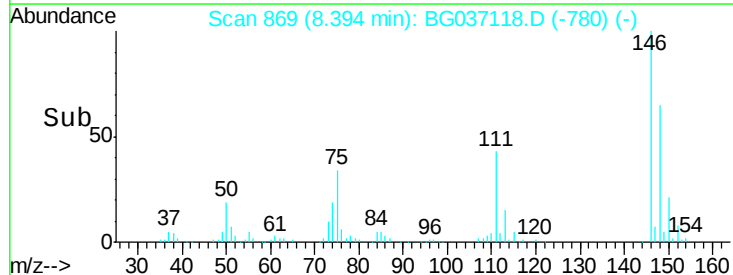
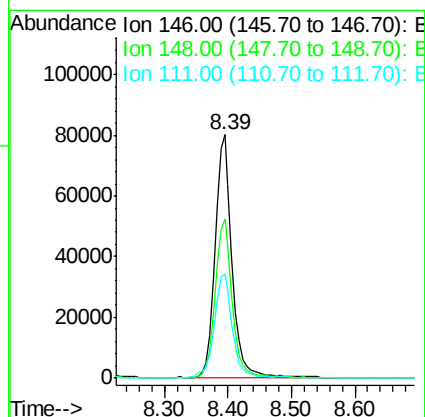
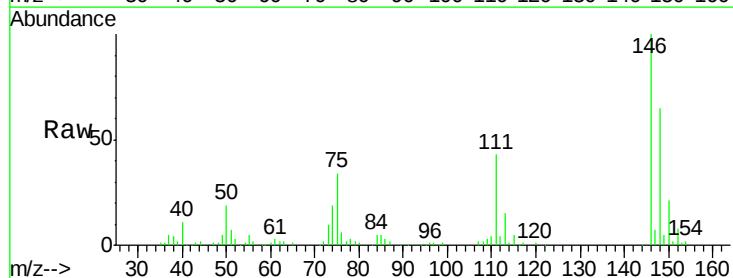
#13  
 1,4-Dichlorobenzene  
 Concen: 43.133 ng  
 RT: 8.08 min Scan# 815  
 Delta R.T. -0.01 min  
 Lab File: BG037118.D  
 Acq: 2 Oct 2018 23:49

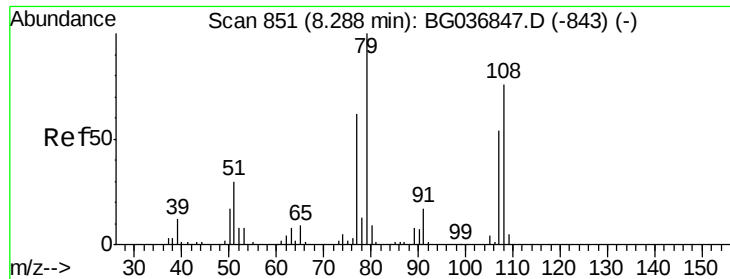
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.0  | 53.9  | 80.9  |
| 111     | 41.2  | 33.8  | 50.6  |



#14  
 1,2-Dichlorobenzene  
 Concen: 41.758 ng  
 RT: 8.39 min Scan# 869  
 Delta R.T. -0.01 min  
 Lab File: BG037118.D  
 Acq: 2 Oct 2018 23:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.2  | 55.0  | 82.6  |
| 111     | 43.0  | 34.6  | 51.8  |





#15

Benzyl Alcohol

Concen: 41.228 ng

RT: 8.28 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG037118.D

Acq: 2 Oct 2018 23:49

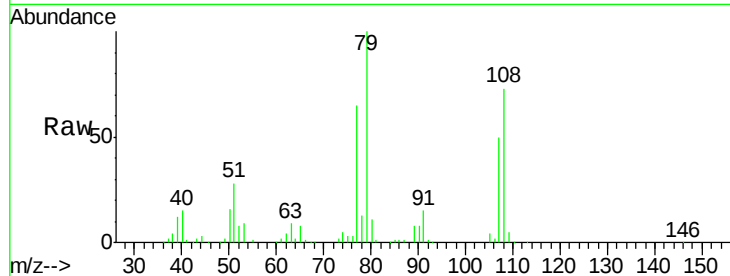
Tgt Ion: 79 Resp: 132257

Ion Ratio Lower Upper

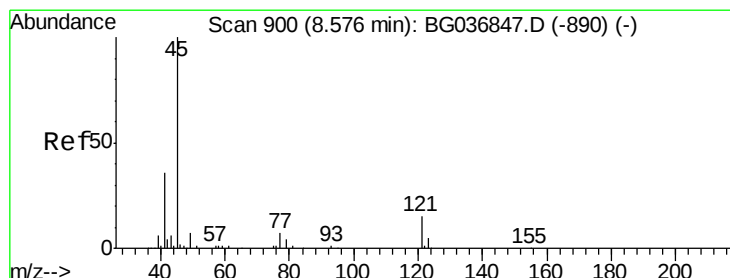
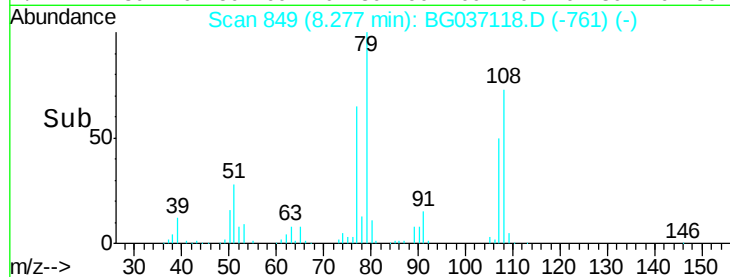
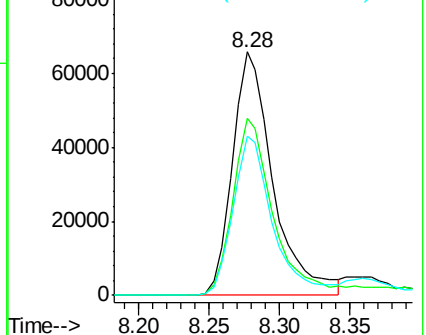
79 100

108 72.5 55.9 83.9

77 65.4 50.0 75.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.942 ng

RT: 8.56 min Scan# 898

Delta R.T. -0.01 min

Lab File: BG037118.D

Acq: 2 Oct 2018 23:49

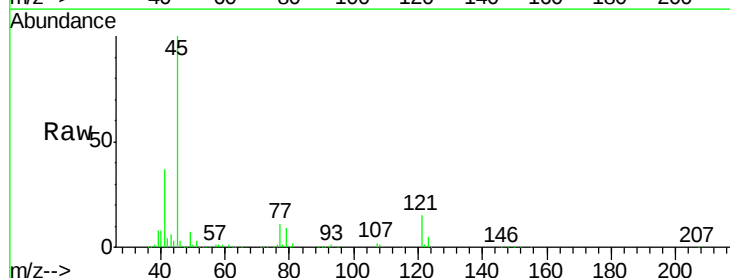
Tgt Ion: 45 Resp: 303920

Ion Ratio Lower Upper

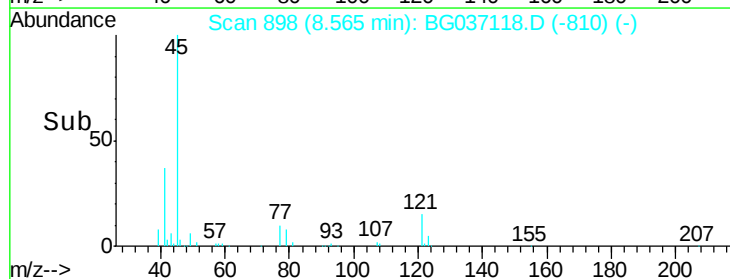
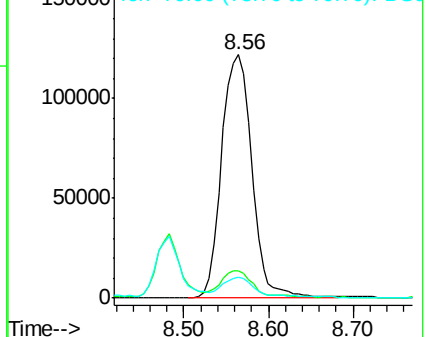
45 100

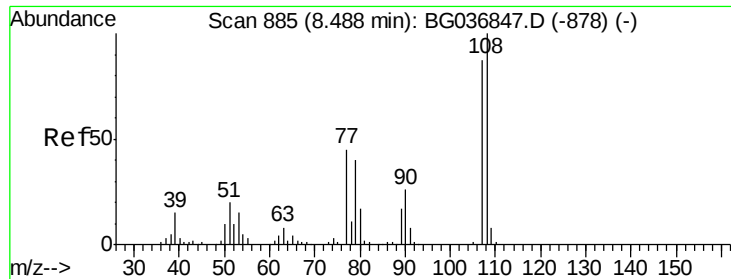
77 11.0 0.0 30.5

79 8.6 0.0 27.9



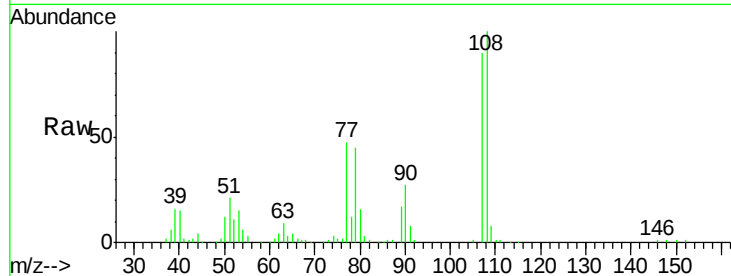
Abundance Ion 45.00 (44.70 to 45.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC





#17  
2-Methylphenol  
Concen: 44.326 ng  
RT: 8.48 min Scan# 884  
Delta R.T. -0.01 min  
Lab File: BG037118.D  
Acq: 2 Oct 2018 23:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 125983 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 111.5 | 86.7  | 130.1  |
| 77       | 52.4  | 39.0  | 58.4   |
| 79       | 50.7  | 36.6  | 54.8   |



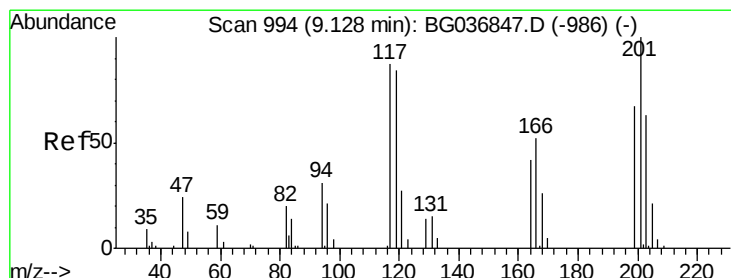
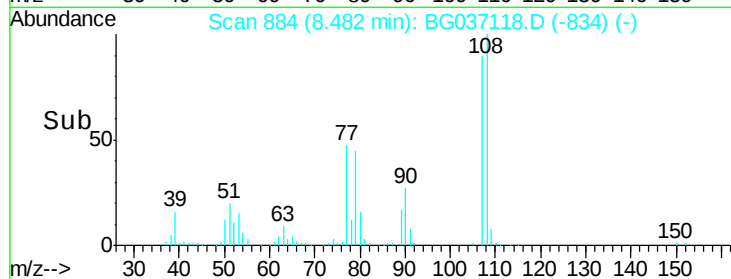
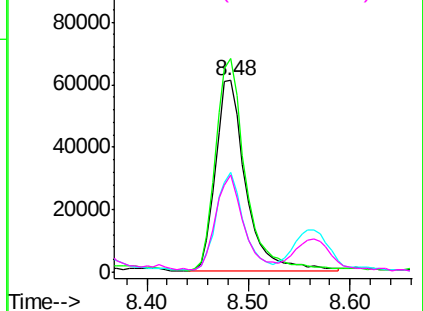
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

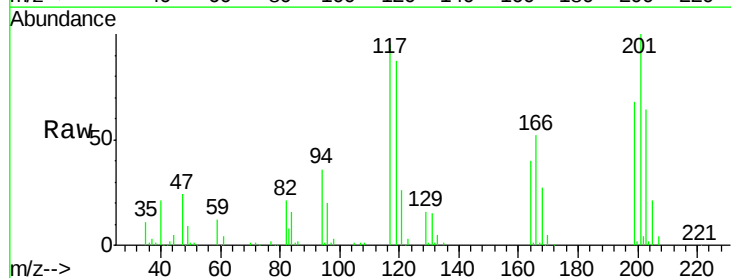
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18  
Hexachloroethane  
Concen: 45.187 ng  
RT: 9.12 min Scan# 992  
Delta R.T. -0.01 min  
Lab File: BG037118.D  
Acq: 2 Oct 2018 23:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 61902 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 91.1  | 76.8  | 115.2 |
| 201      | 104.8 | 85.7  | 128.5 |

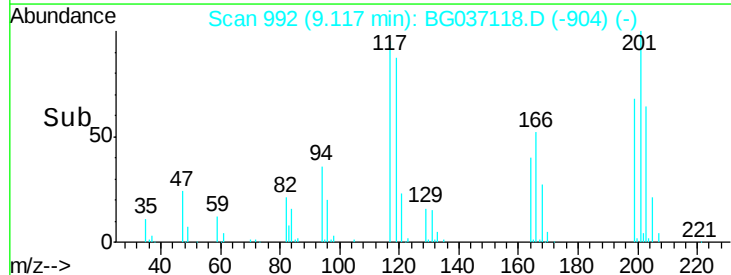
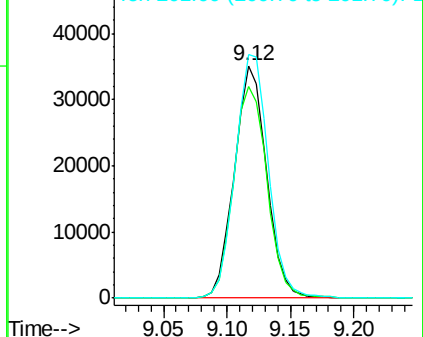


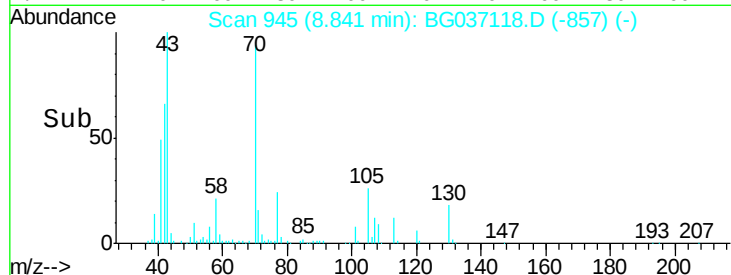
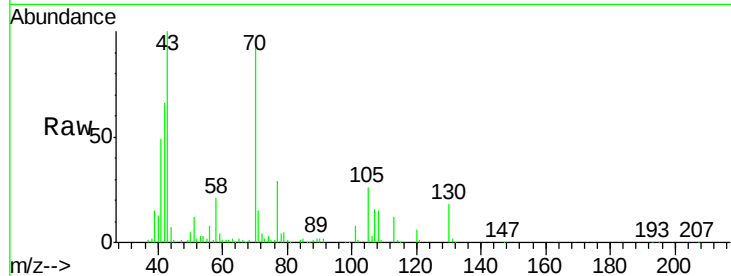
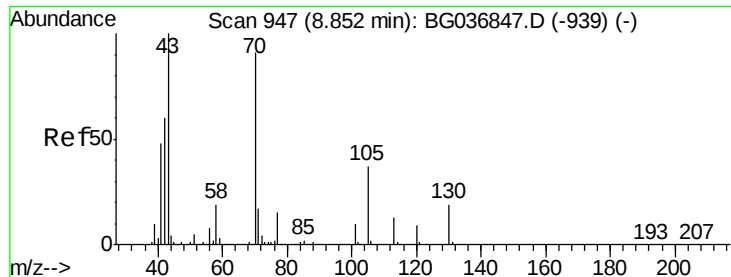
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

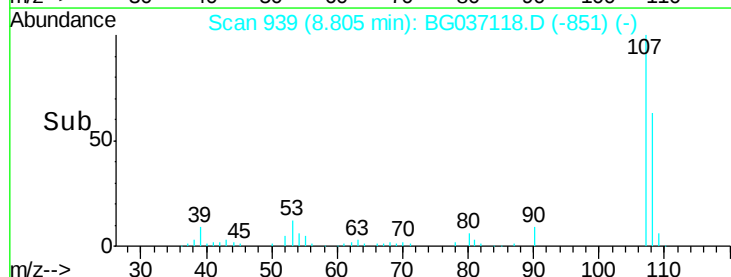
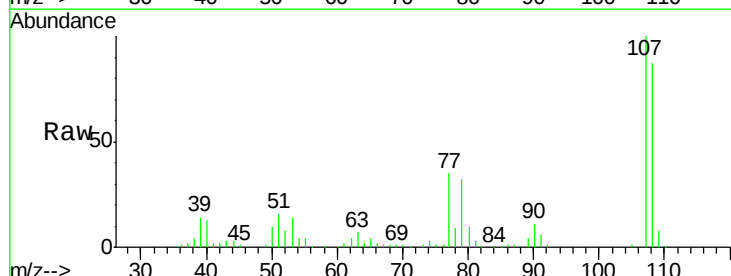
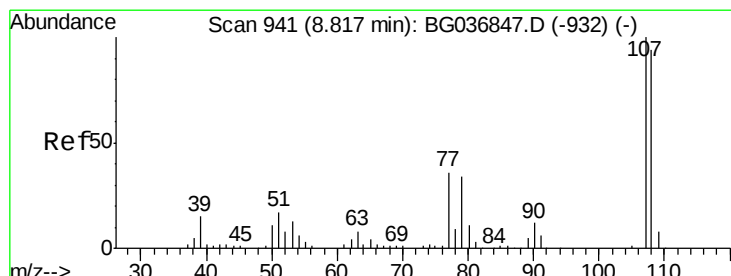
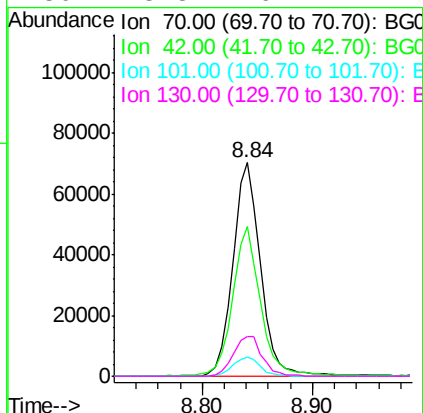
Ion 201.00 (200.70 to 201.70): E





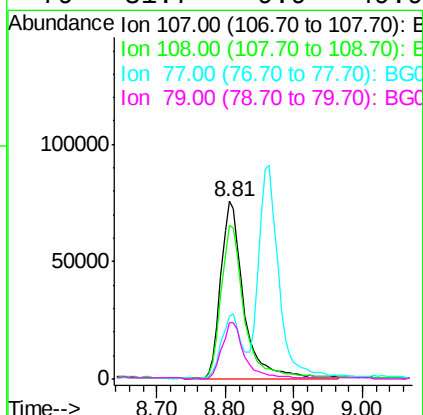
#19  
n-Nitroso-di-n-propylamine  
Concen: 37.474 ng  
RT: 8.84 min Scan# 945  
Delta R.T. -0.01 min  
Lab File: BG037118.D  
Acq: 2 Oct 2018 23:49

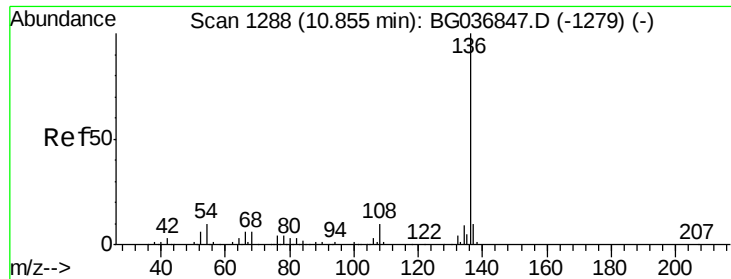
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 123250 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 70.0  | 56.2  | 84.4   |
| 101      | 9.0   | 7.8   | 11.6   |
| 130      | 18.8  | 16.2  | 24.2   |



#20  
3+4-Methylphenols  
Concen: 44.196 ng  
RT: 8.81 min Scan# 939  
Delta R.T. -0.01 min  
Lab File: BG037118.D  
Acq: 2 Oct 2018 23:49

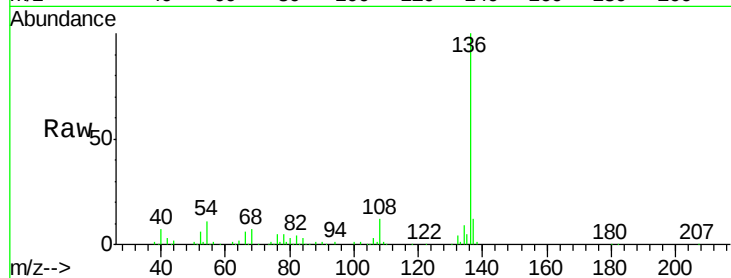
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 174750 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 86.6  | 68.0  | 108.0  |
| 77       | 35.3  | 15.6  | 55.6   |
| 79       | 31.7  | 9.9   | 49.9   |



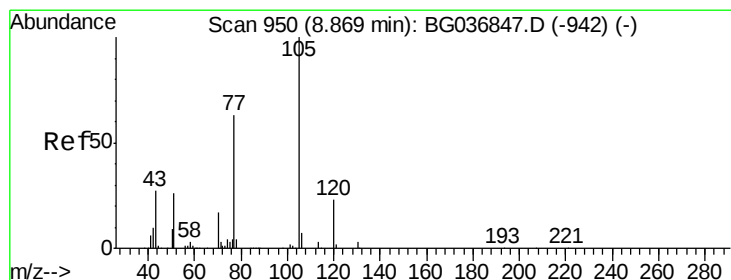
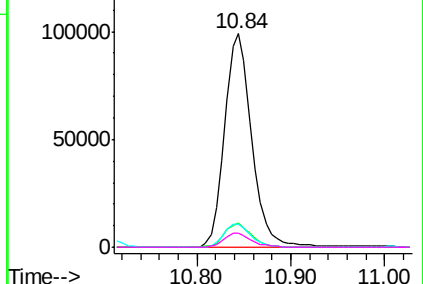
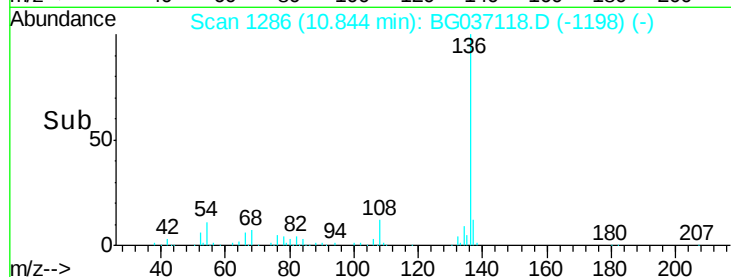


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.84 min Scan# 1286  
Delta R.T. -0.01 min  
Lab File: BG037118.D  
Acq: 2 Oct 2018 23:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 198351 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.5  | 8.8   | 13.2   |
| 54       | 10.9  | 9.2   | 13.8   |
| 68       | 6.7   | 5.8   | 8.6    |

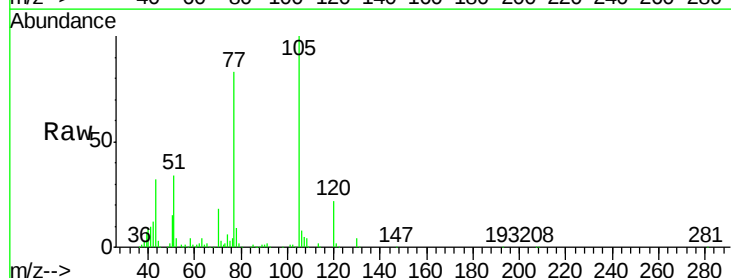


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

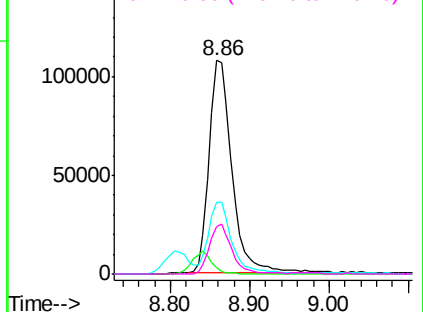
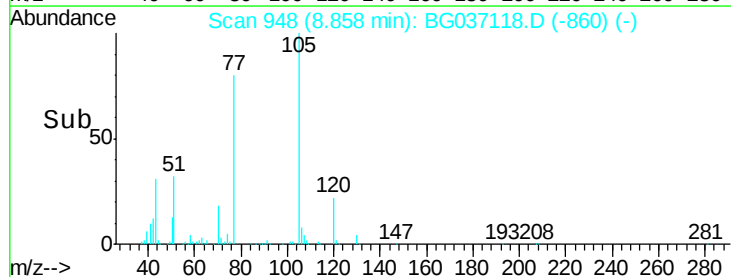


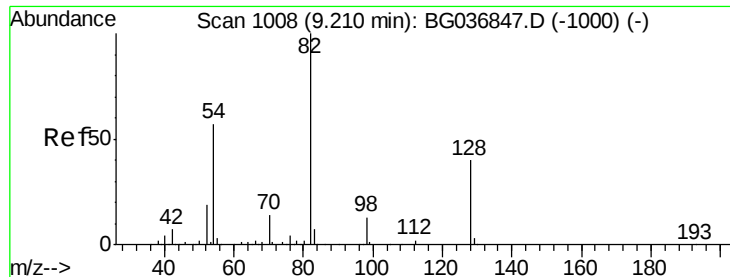
#22  
Acetophenone  
Concen: 46.295 ng  
RT: 8.86 min Scan# 948  
Delta R.T. -0.01 min  
Lab File: BG037118.D  
Acq: 2 Oct 2018 23:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 215790 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 3.0   | 2.4   | 3.6    |
| 51       | 33.6  | 25.9  | 38.9   |
| 120      | 22.4  | 19.4  | 29.0   |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC  
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 89.360 ng

RT: 9.21 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BG037118.D

Acq: 2 Oct 2018 23:49

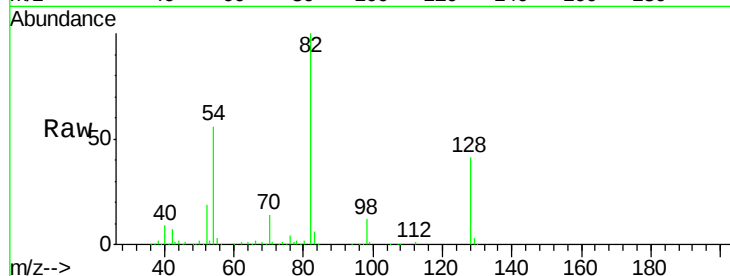
Tgt Ion: 82 Resp: 330986

Ion Ratio Lower Upper

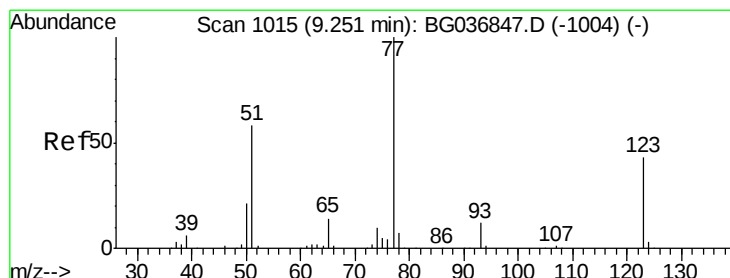
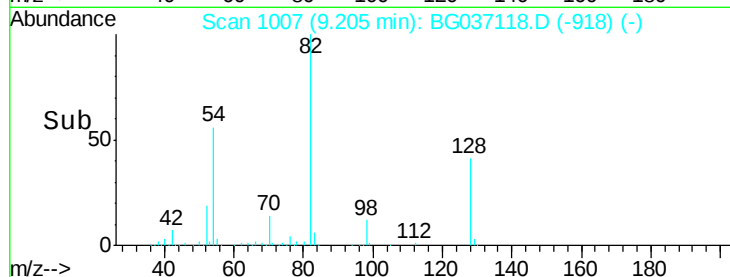
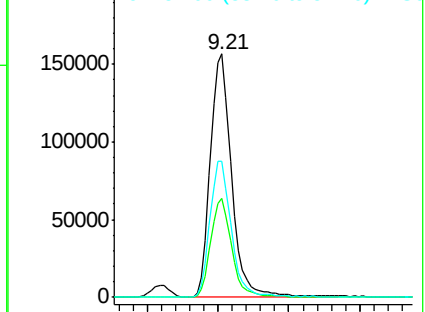
82 100

128 40.7 33.3 49.9

54 55.7 45.1 67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 128.00 (127.70 to 128.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 46.404 ng

RT: 9.25 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BG037118.D

Acq: 2 Oct 2018 23:49

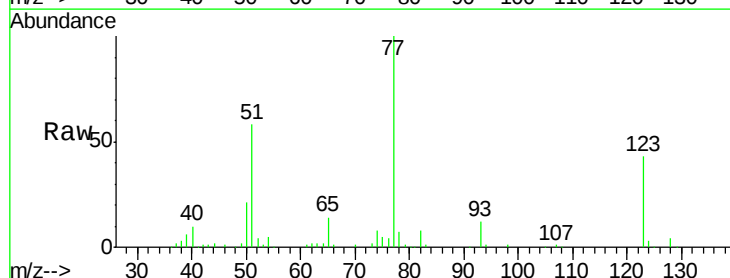
Tgt Ion: 77 Resp: 183551

Ion Ratio Lower Upper

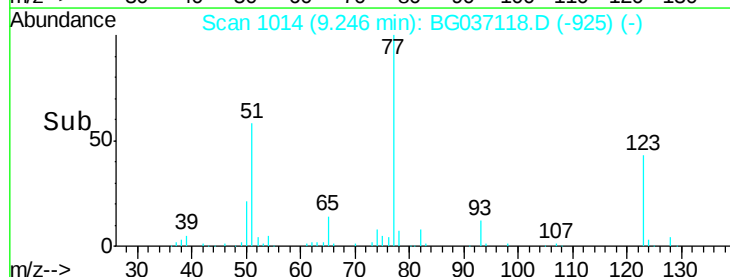
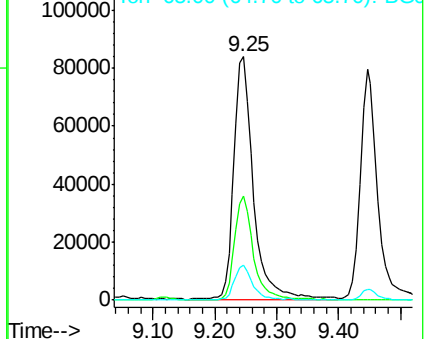
77 100

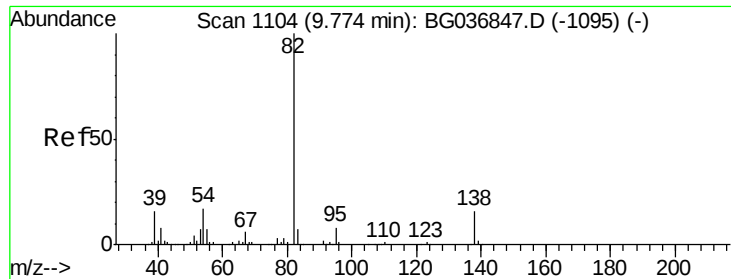
123 42.6 32.4 48.6

65 14.2 11.5 17.3



Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 123.00 (122.70 to 123.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 50.680 ng

RT: 9.76 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BG037118.D

Acq: 2 Oct 2018 23:49

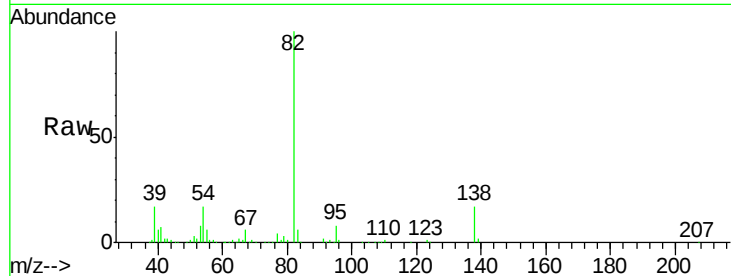
Tgt Ion: 82 Resp: 342997

Ion Ratio Lower Upper

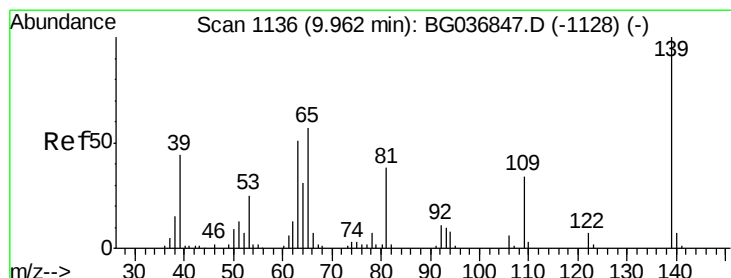
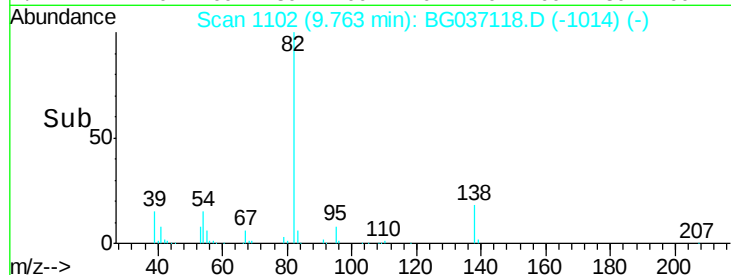
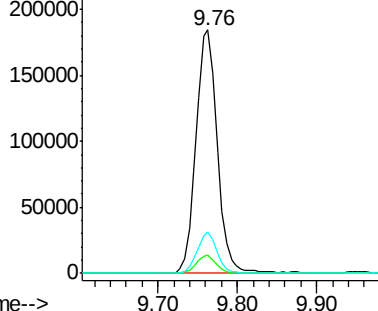
82 100

95 7.7 5.8 8.8

138 17.0 12.9 19.3



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



#26

2-Nitrophenol

Concen: 49.001 ng

RT: 9.96 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BG037118.D

Acq: 2 Oct 2018 23:49

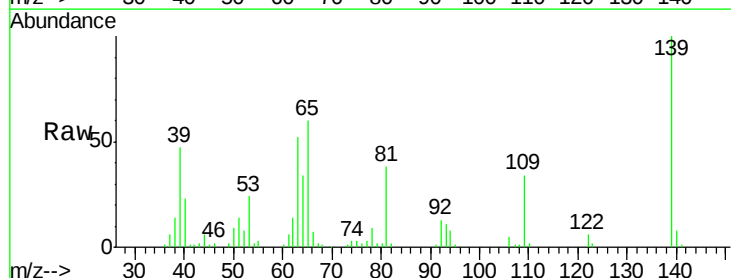
Tgt Ion: 139 Resp: 77257

Ion Ratio Lower Upper

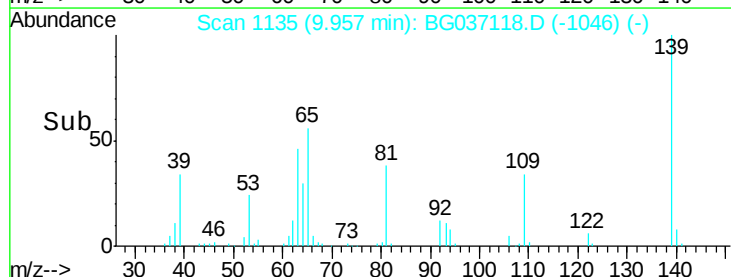
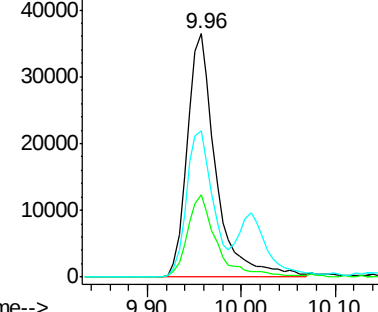
139 100

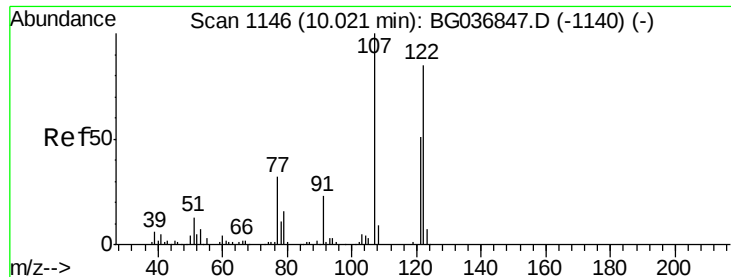
109 34.0 27.4 41.0

65 60.1 47.8 71.6



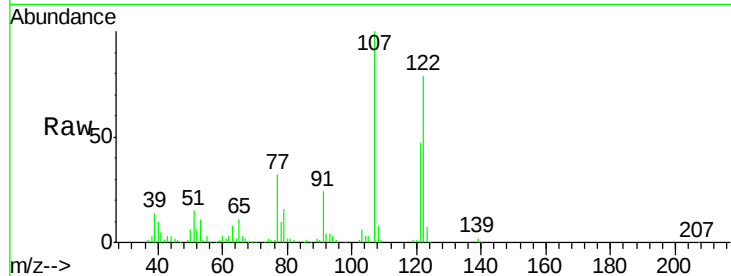
Abundance Ion 139.00 (138.70 to 139.70): BGC  
Ion 109.00 (108.70 to 109.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC



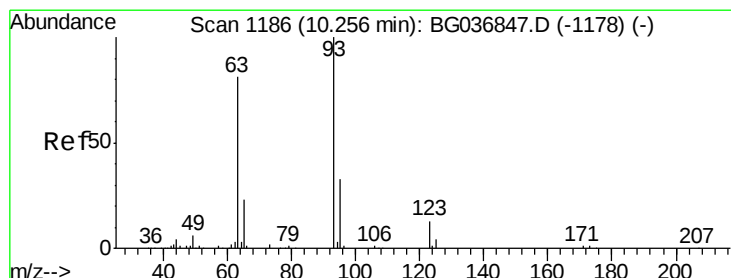
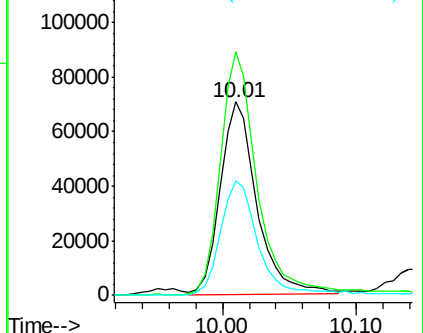
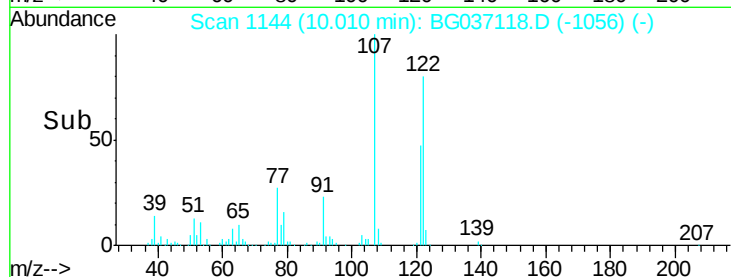


#27  
2,4-Dimethylphenol  
Concen: 55.553 ng  
RT: 10.01 min Scan# 1144  
Delta R.T. -0.01 min  
Lab File: BG037118.D  
Acq: 2 Oct 2018 23:49

Tgt Ion: 122 Resp: 136435  
Ion Ratio Lower Upper  
122 100  
107 125.9 96.0 144.0  
121 59.4 48.2 72.4

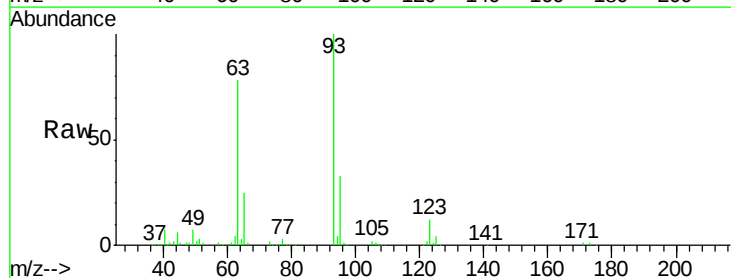


Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E

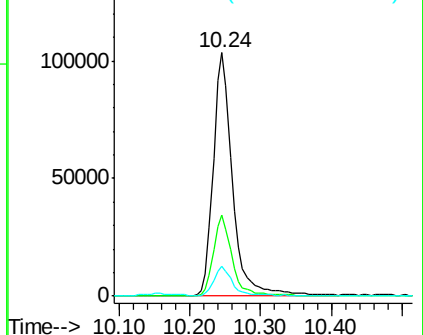
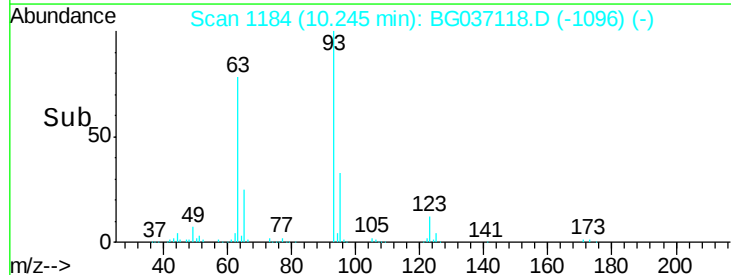


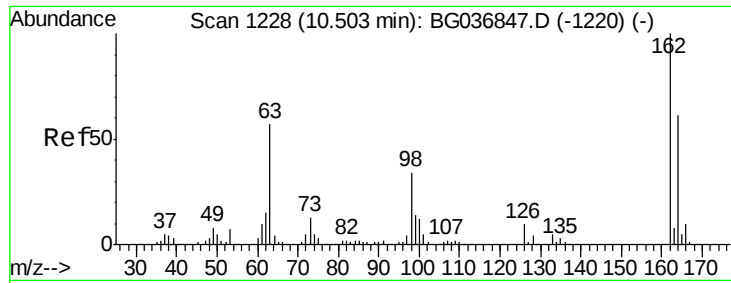
#28  
bis(2-Chloroethoxy)methane  
Concen: 47.275 ng  
RT: 10.24 min Scan# 1184  
Delta R.T. -0.01 min  
Lab File: BG037118.D  
Acq: 2 Oct 2018 23:49

Tgt Ion: 93 Resp: 197429  
Ion Ratio Lower Upper  
93 100  
95 33.0 25.2 37.8  
123 12.2 8.6 12.8



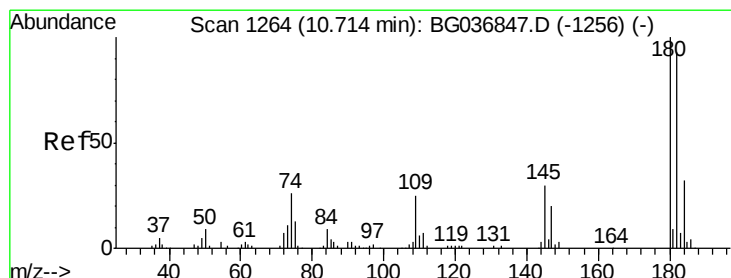
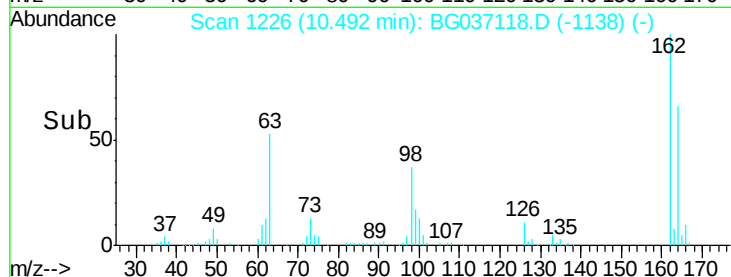
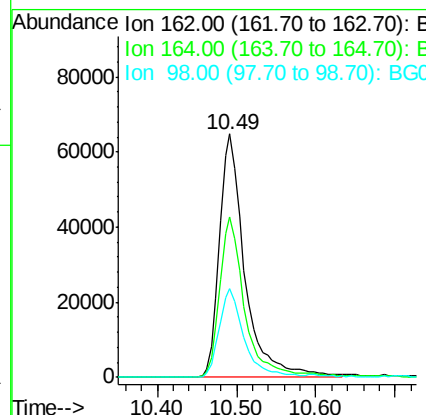
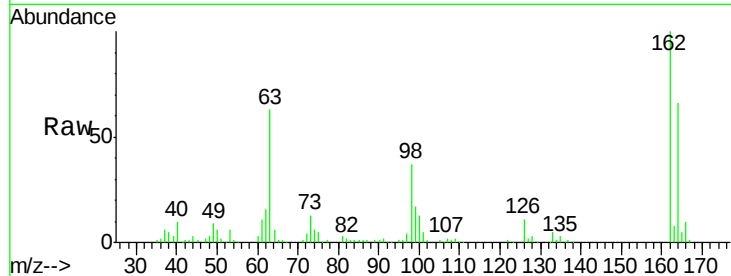
Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC  
Ion 123.00 (122.70 to 123.70): E





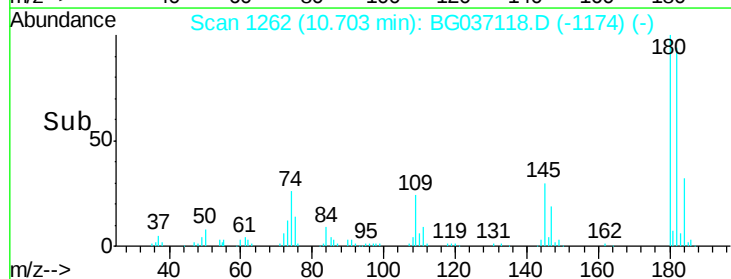
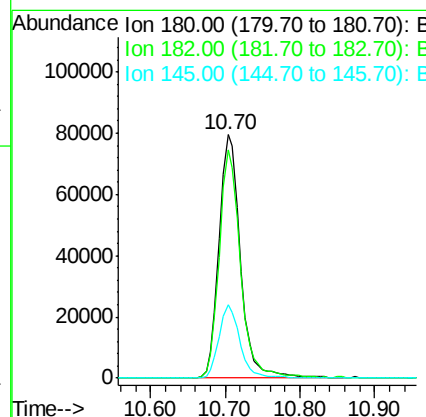
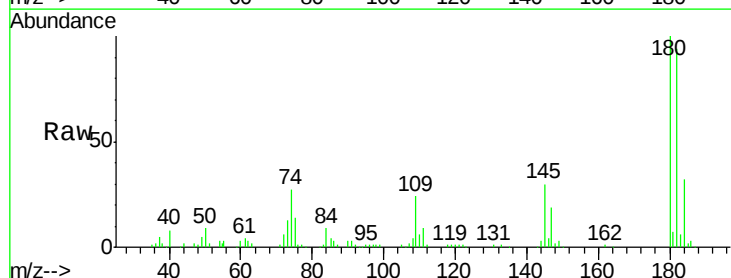
#29  
 2,4-Dichlorophenol  
 Concen: 50.736 ng  
 RT: 10.49 min Scan# 1226  
 Delta R.T. -0.01 min  
 Lab File: BG037118.D  
 Acq: 2 Oct 2018 23:49

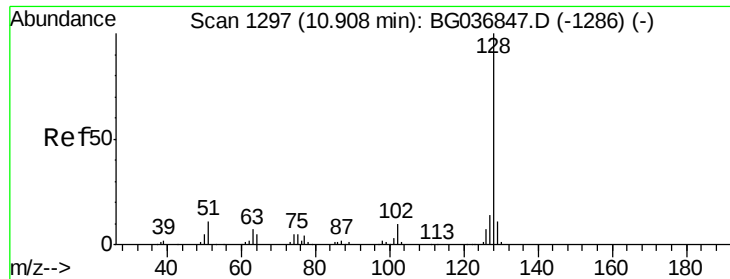
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.0  | 47.6  | 87.6  |
| 98      | 36.7  | 19.2  | 59.2  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 44.611 ng  
 RT: 10.70 min Scan# 1262  
 Delta R.T. -0.01 min  
 Lab File: BG037118.D  
 Acq: 2 Oct 2018 23:49

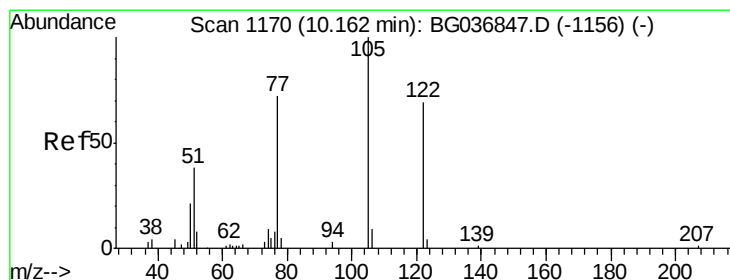
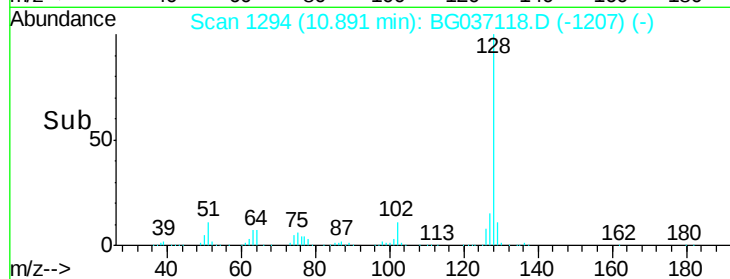
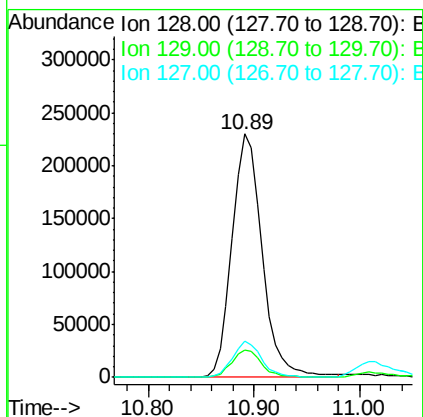
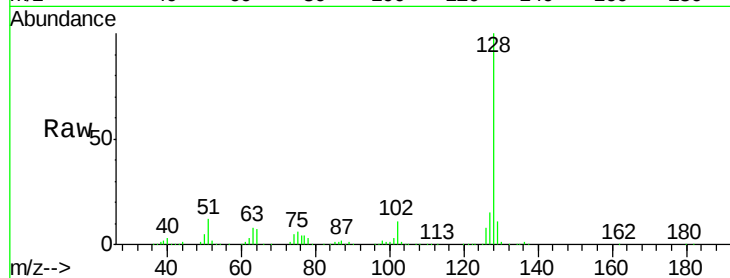
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.5  | 76.0  | 114.0 |
| 145     | 30.4  | 22.9  | 34.3  |





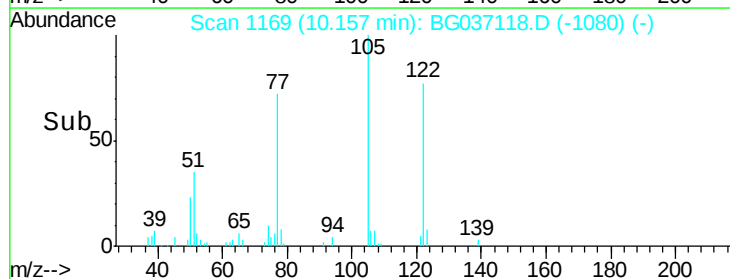
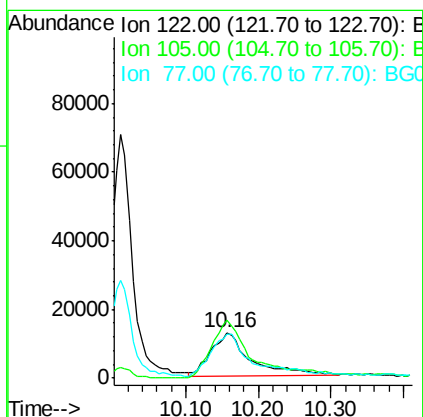
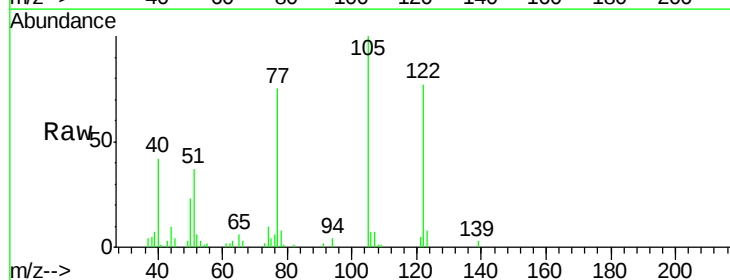
#31  
Naphthalene  
Concen: 48.244 ng  
RT: 10.89 min Scan# 1294  
Delta R.T. -0.02 min  
Lab File: BG037118.D  
Acq: 2 Oct 2018 23:49

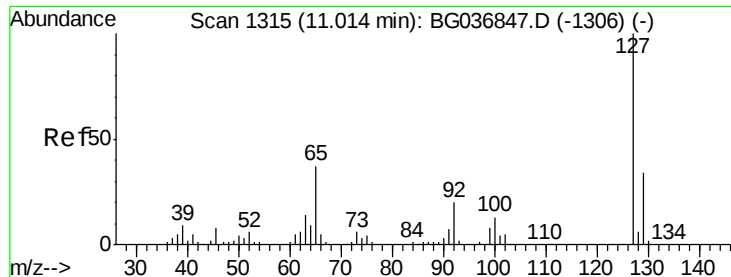
Tgt Ion:128 Resp: 455309  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.4 14.2  
127 15.0 11.0 16.4



#32  
Benzoic acid  
Concen: 27.896 ng  
RT: 10.16 min Scan# 1169  
Delta R.T. -0.01 min  
Lab File: BG037118.D  
Acq: 2 Oct 2018 23:49

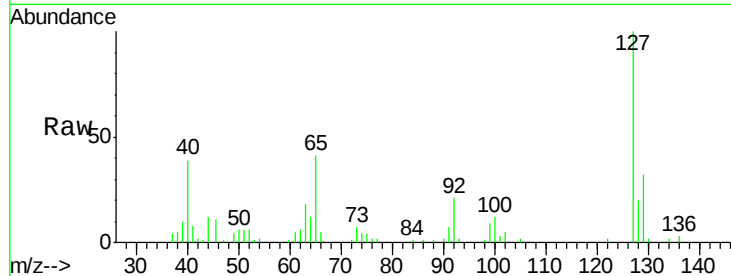
Tgt Ion:122 Resp: 47273  
Ion Ratio Lower Upper  
122 100  
105 129.1 108.1 148.1  
77 97.2 76.3 116.3



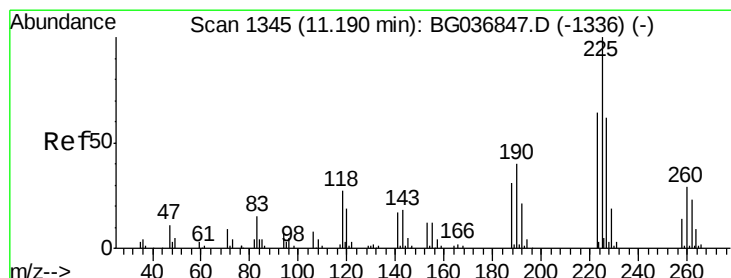
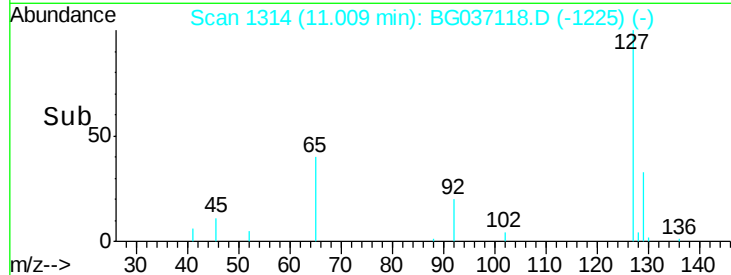
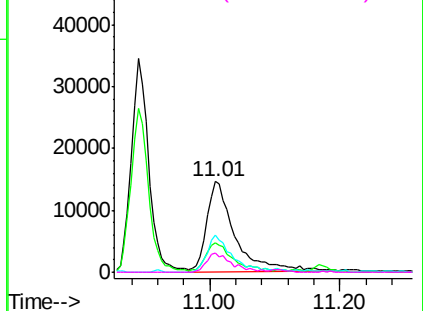


#33  
4-Chloroaniline  
Concen: 10.030 ng  
RT: 11.01 min Scan# 1314  
Delta R.T. -0.01 min  
Lab File: BG037118.D  
Acq: 2 Oct 2018 23:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 43040 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 32.3  | 25.9  | 38.9  |
| 65       | 41.0  | 27.5  | 41.3  |
| 92       | 21.3  | 16.2  | 24.2  |

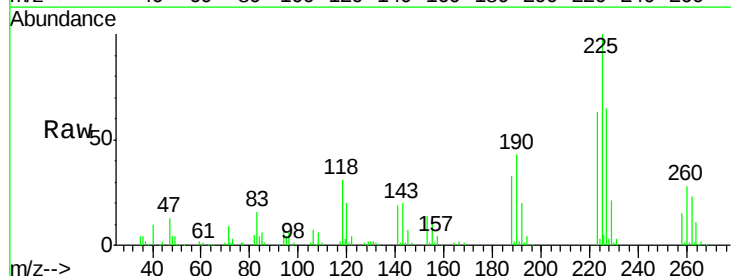


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC

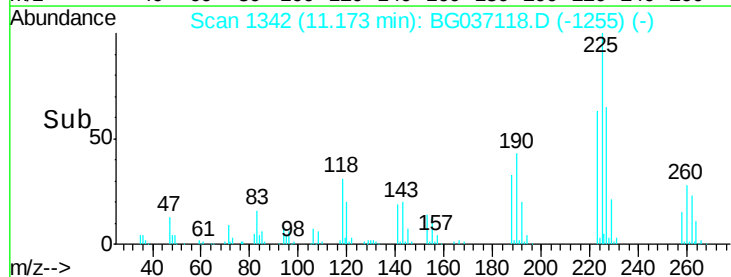
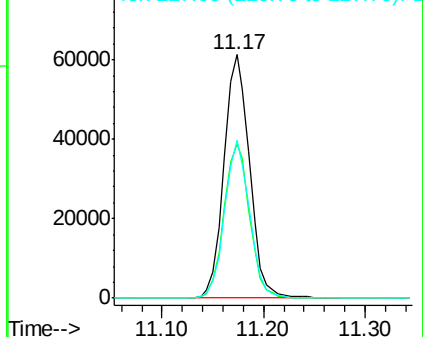


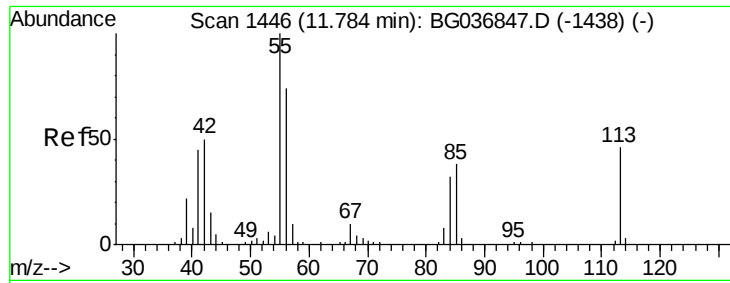
#34  
Hexachlorobutadiene  
Concen: 43.456 ng  
RT: 11.17 min Scan# 1342  
Delta R.T. -0.02 min  
Lab File: BG037118.D  
Acq: 2 Oct 2018 23:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 107069 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.4  | 51.8  | 77.8   |
| 227      | 64.7  | 49.8  | 74.6   |



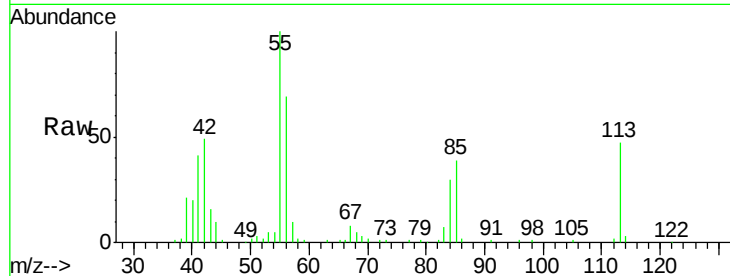
Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E



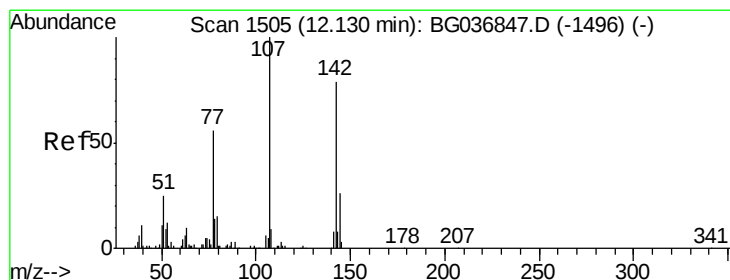
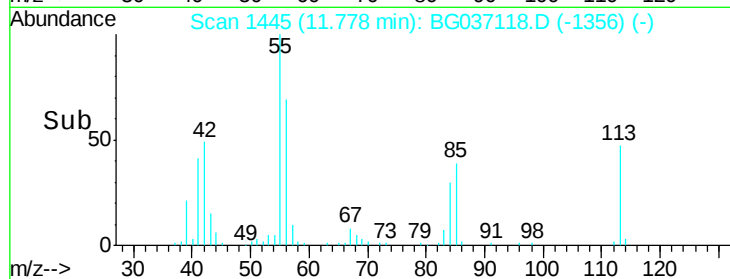
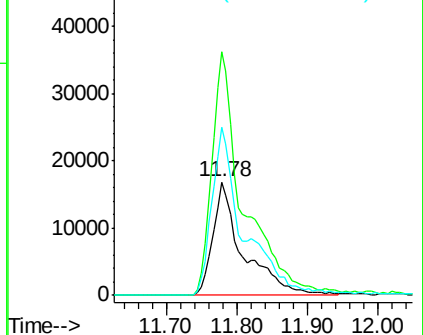


#35  
 Caprolactam  
 Concen: 42.905 ng  
 RT: 11.78 min Scan# 1445  
 Delta R.T. -0.01 min  
 Lab File: BG037118.D  
 Acq: 2 Oct 2018 23:49

Tgt Ion:113 Resp: 50275  
 Ion Ratio Lower Upper  
 113 100  
 55 215.0 197.7 237.7  
 56 148.7 131.7 171.7

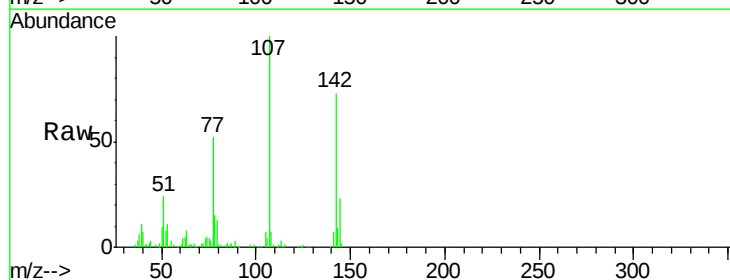


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BG  
 Ion 56.00 (55.70 to 56.70): BG

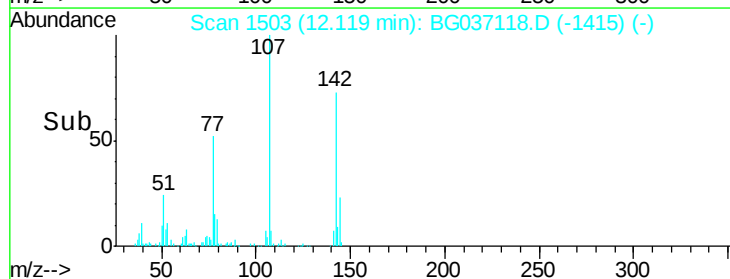
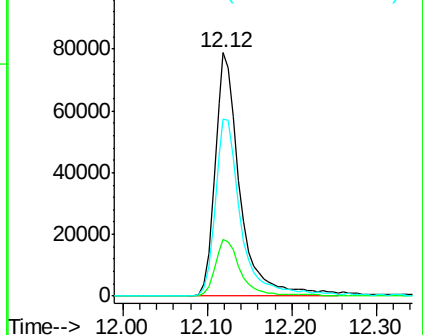


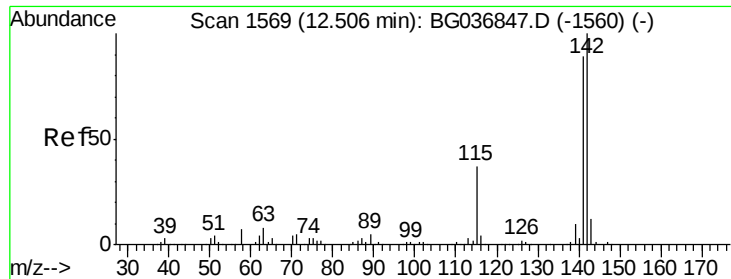
#36  
 4-Chloro-3-methylphenol  
 Concen: 47.827 ng  
 RT: 12.12 min Scan# 1503  
 Delta R.T. -0.01 min  
 Lab File: BG037118.D  
 Acq: 2 Oct 2018 23:49

Tgt Ion:107 Resp: 162469  
 Ion Ratio Lower Upper  
 107 100  
 144 23.5 19.5 29.3  
 142 72.5 62.4 93.6



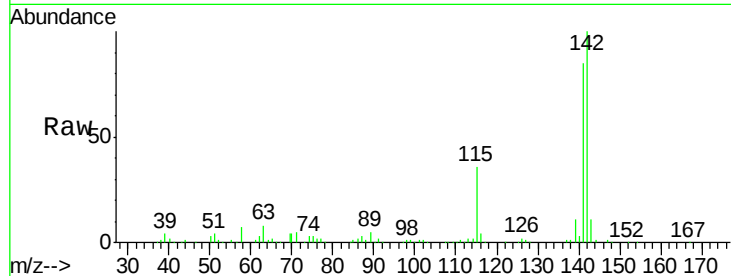
Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 144.00 (143.70 to 144.70): E  
 Ion 142.00 (141.70 to 142.70): E



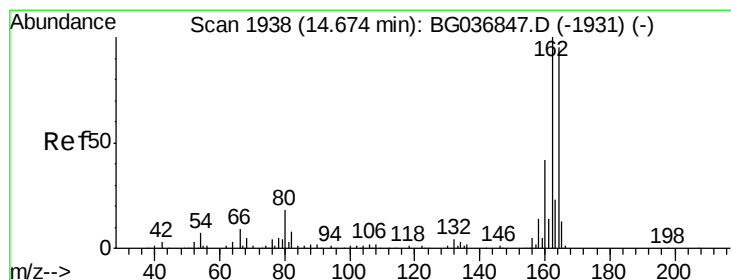
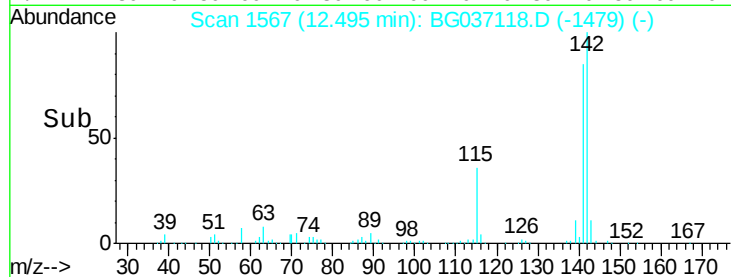
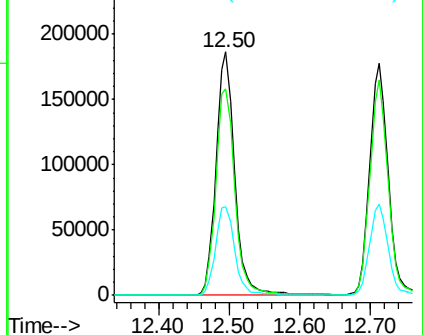


#37  
 2-Methylnaphthalene  
 Concen: 47.912 ng  
 RT: 12.50 min Scan# 1567  
 Delta R.T. -0.01 min  
 Lab File: BG037118.D  
 Acq: 2 Oct 2018 23:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 84.7  | 68.5  | 102.7 |
| 115     | 36.3  | 29.8  | 44.8  |

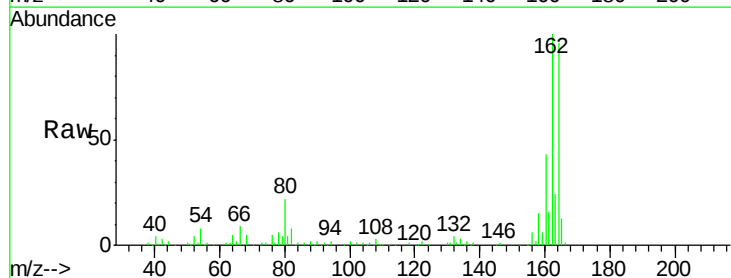


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

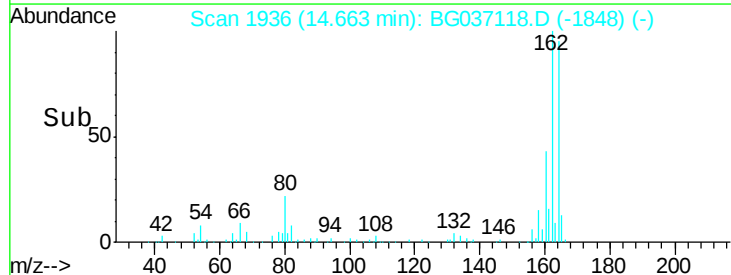
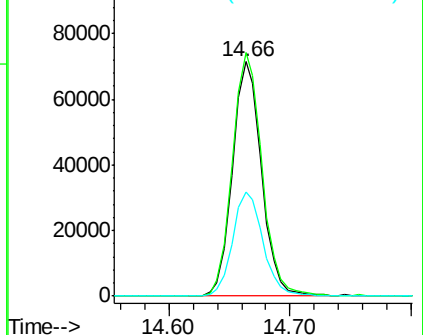


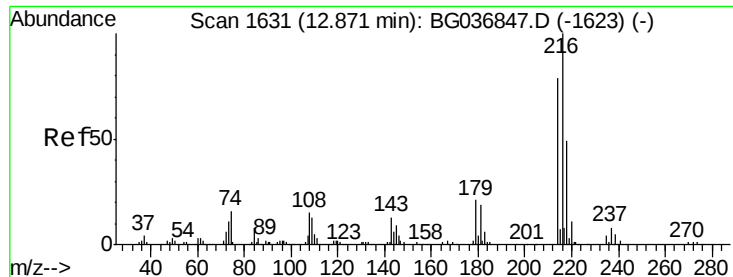
#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.66 min Scan# 1936  
 Delta R.T. -0.01 min  
 Lab File: BG037118.D  
 Acq: 2 Oct 2018 23:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.9 | 80.7  | 121.1 |
| 160     | 44.6  | 35.3  | 52.9  |



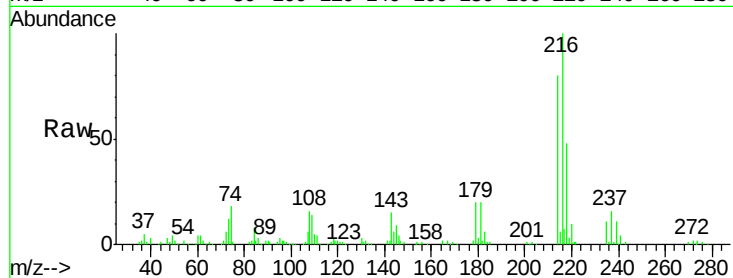
Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E



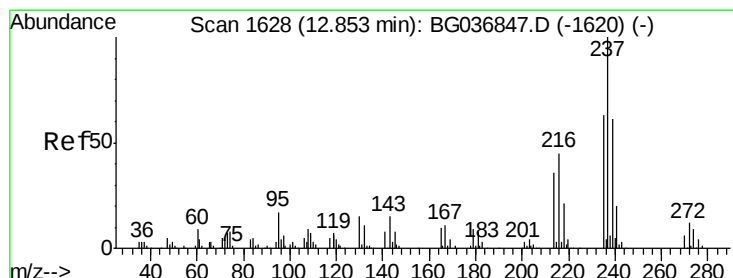
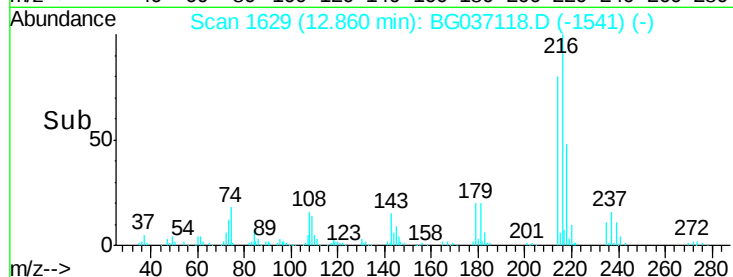
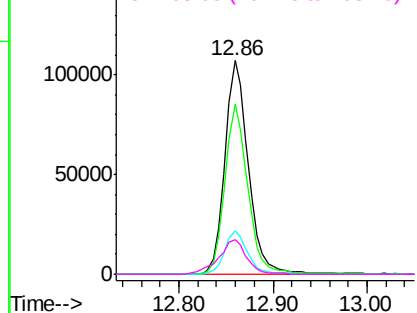


#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 44.500 ng  
 RT: 12.86 min Scan# 1629  
 Delta R.T. -0.01 min  
 Lab File: BG037118.D  
 Acq: 2 Oct 2018 23:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 186175 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 77.4  | 61.0  | 91.6   |
| 179      | 19.9  | 15.7  | 23.5   |
| 108      | 19.3  | 13.1  | 19.7   |

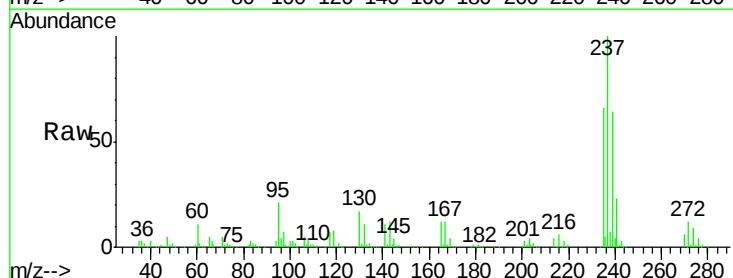


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

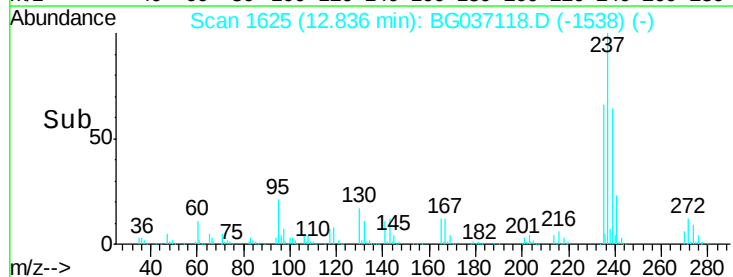
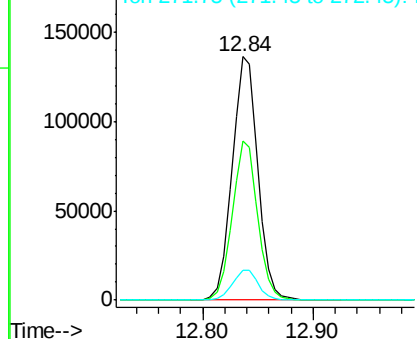


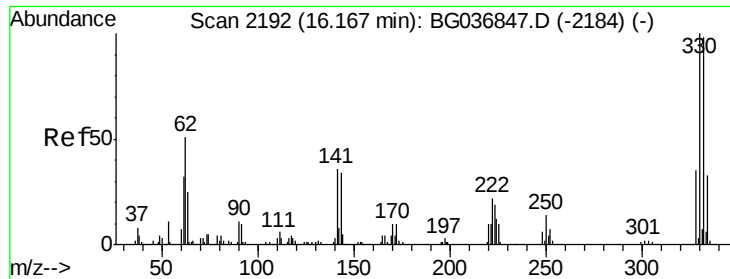
#40  
 Hexachlorocyclopentadiene  
 Concen: 103.205 ng  
 RT: 12.84 min Scan# 1625  
 Delta R.T. -0.02 min  
 Lab File: BG037118.D  
 Acq: 2 Oct 2018 23:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 222068 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 65.6  | 42.2  | 82.2   |
| 272      | 12.2  | 0.0   | 32.1   |



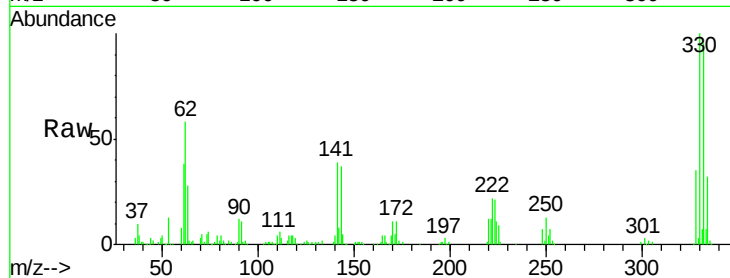
Abundance Ion 236.80 (236.50 to 237.50): E  
 Ion 234.90 (234.60 to 235.60): E  
 Ion 271.75 (271.45 to 272.45): E



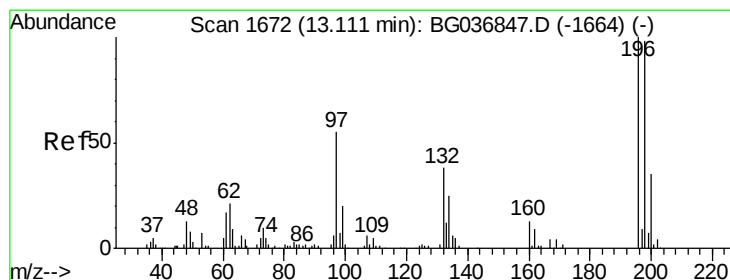
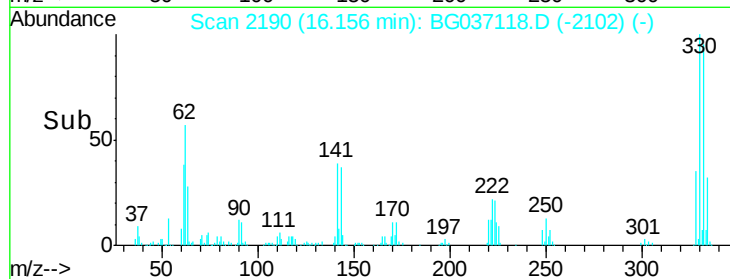
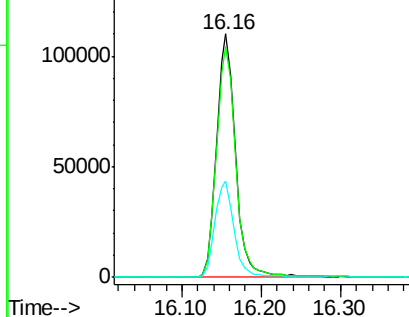


#41  
 2,4,6-Tribromophenol  
 Concen: 127.649 ng  
 RT: 16.16 min Scan# 2190  
 Delta R.T. -0.01 min  
 Lab File: BG037118.D  
 Acq: 2 Oct 2018 23:49

Tgt Ion:330 Resp: 183197  
 Ion Ratio Lower Upper  
 330 100  
 332 95.4 75.4 113.2  
 141 39.7 30.7 46.1

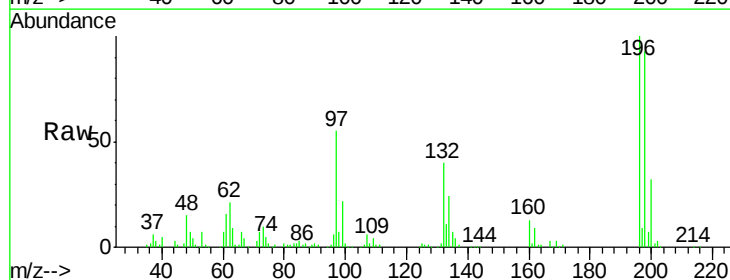


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

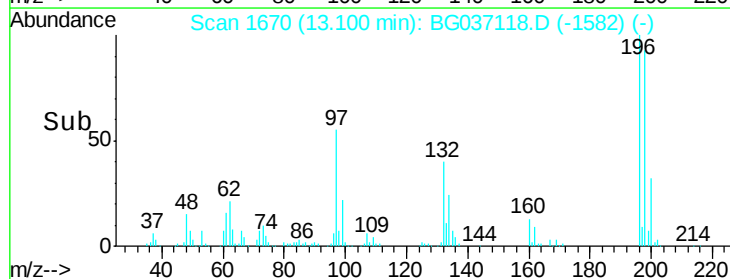
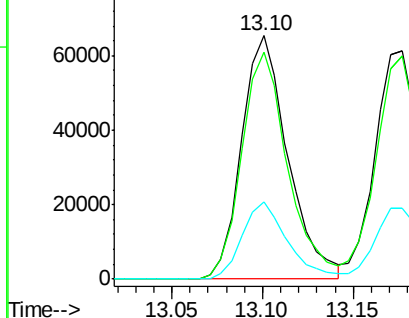


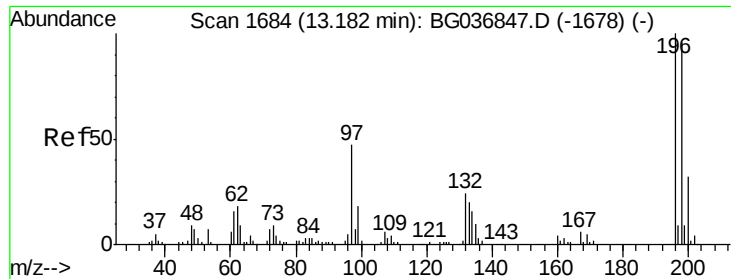
#42  
 2,4,6-Trichlorophenol  
 Concen: 50.044 ng  
 RT: 13.10 min Scan# 1670  
 Delta R.T. -0.01 min  
 Lab File: BG037118.D  
 Acq: 2 Oct 2018 23:49

Tgt Ion:196 Resp: 116264  
 Ion Ratio Lower Upper  
 196 100  
 198 93.3 77.2 115.8  
 200 31.6 26.3 39.5



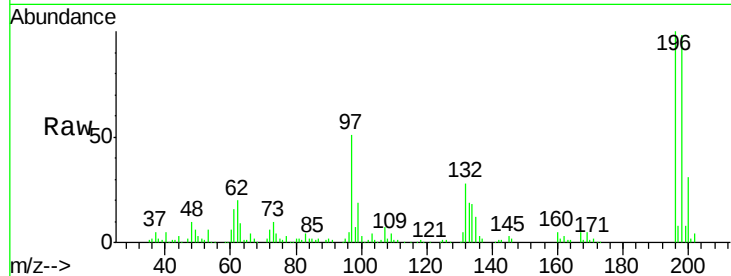
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E



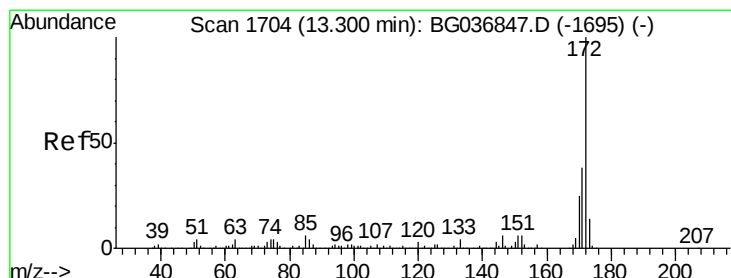
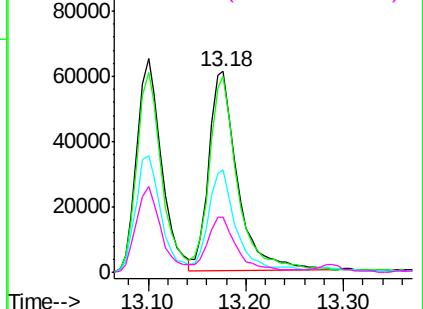
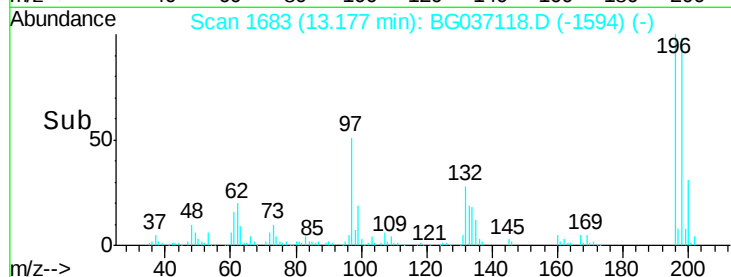


#43  
 2,4,5-Trichlorophenol  
 Concen: 50.471 ng  
 RT: 13.18 min Scan# 1683  
 Delta R.T. -0.01 min  
 Lab File: BG037118.D  
 Acq: 2 Oct 2018 23:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 196   | Resp: | 125031 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 97.6  | 75.6  | 113.4  |
| 97       | 50.9  | 37.2  | 55.8   |
| 132      | 27.7  | 19.4  | 29.2   |

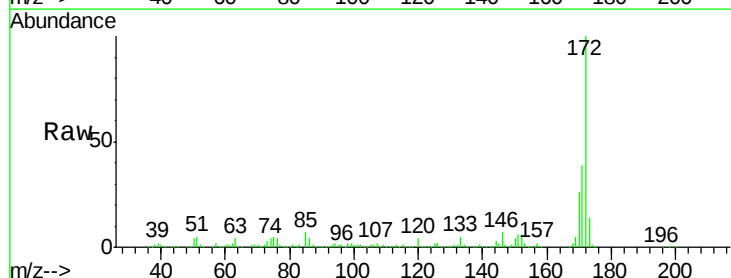


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BG  
 Ion 132.00 (131.70 to 132.70): E

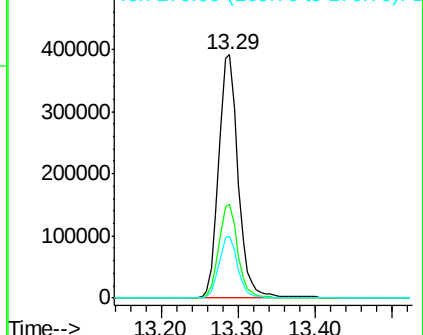
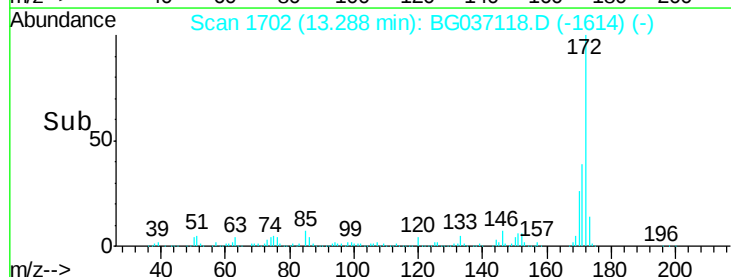


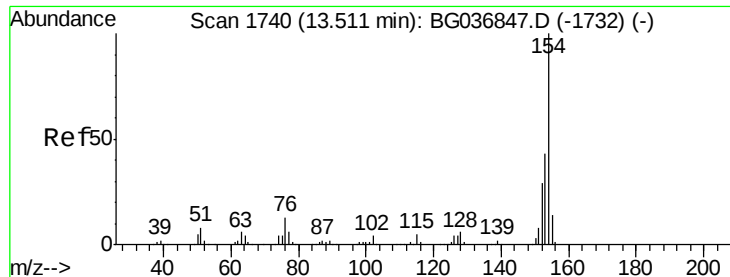
#44  
 2-Fluorobiphenyl  
 Concen: 85.321 ng  
 RT: 13.29 min Scan# 1702  
 Delta R.T. -0.01 min  
 Lab File: BG037118.D  
 Acq: 2 Oct 2018 23:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 172   | Resp: | 687161 |
| Ion      | Ratio | Lower | Upper  |
| 172      | 100   |       |        |
| 171      | 38.7  | 31.3  | 46.9   |
| 170      | 25.6  | 21.0  | 31.6   |



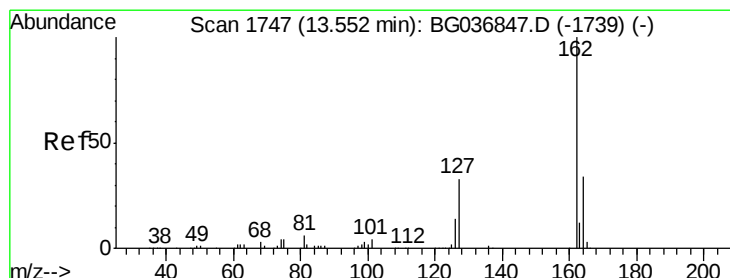
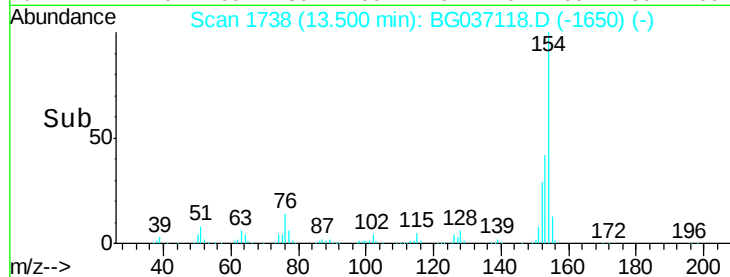
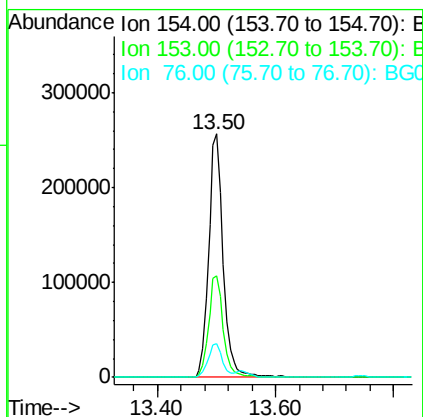
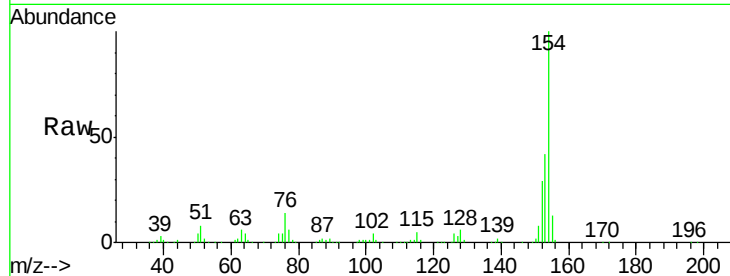
Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E





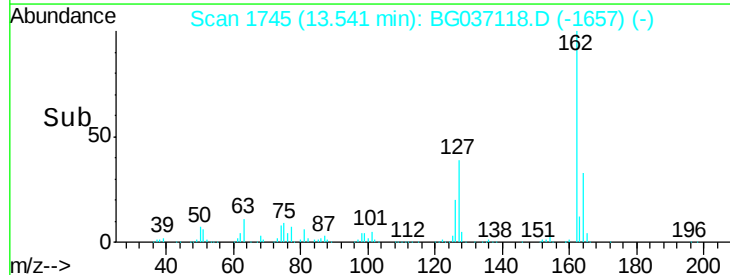
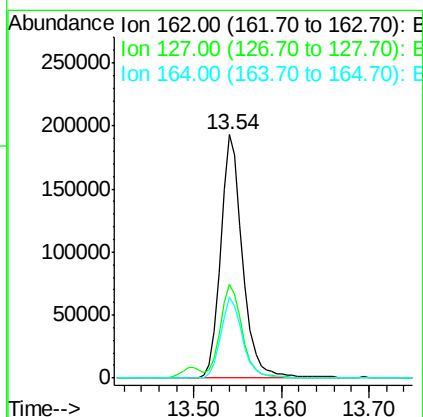
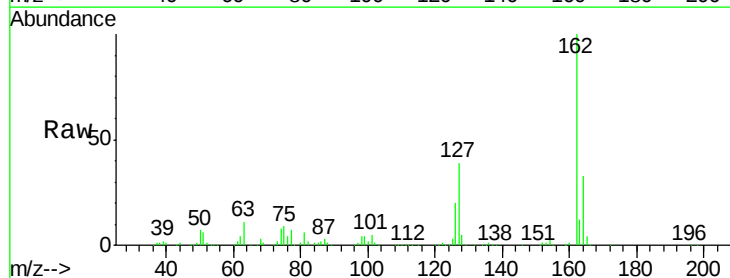
#45  
 1,1'-Biphenyl  
 Concen: 48.072 ng  
 RT: 13.50 min Scan# 1738  
 Delta R.T. -0.01 min  
 Lab File: BG037118.D  
 Acq: 2 Oct 2018 23:49

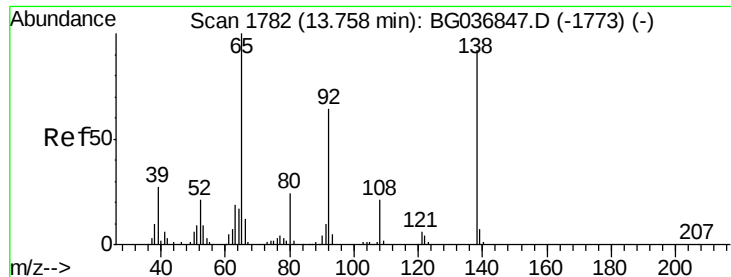
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 154   | Resp: | 441624 |
| Ion      | Ratio | Lower | Upper  |
| 154      | 100   |       |        |
| 153      | 41.8  | 24.0  | 64.0   |
| 76       | 13.7  | 0.0   | 32.9   |



#46  
 2-Chloronaphthalene  
 Concen: 46.186 ng  
 RT: 13.54 min Scan# 1745  
 Delta R.T. -0.01 min  
 Lab File: BG037118.D  
 Acq: 2 Oct 2018 23:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 162   | Resp: | 333672 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 127      | 38.7  | 30.7  | 46.1   |
| 164      | 33.4  | 26.7  | 40.1   |





#47

2-Nitroaniline

Concen: 48.455 ng

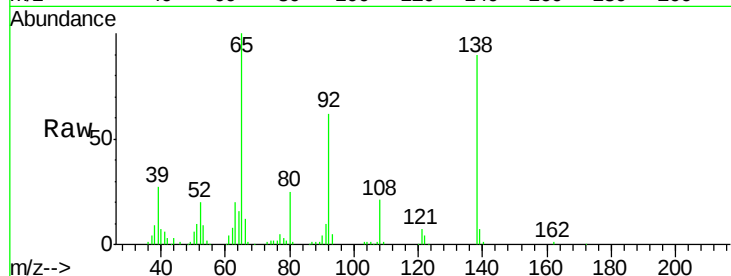
RT: 13.75 min Scan# 1780

Delta R.T. -0.01 min

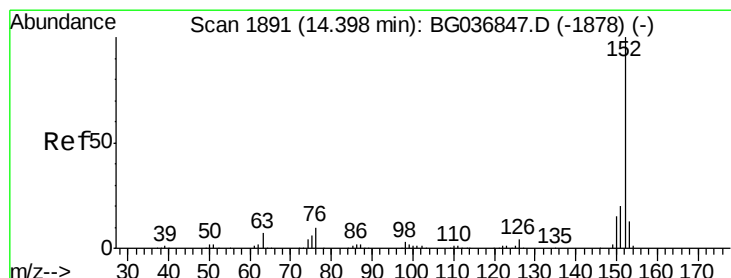
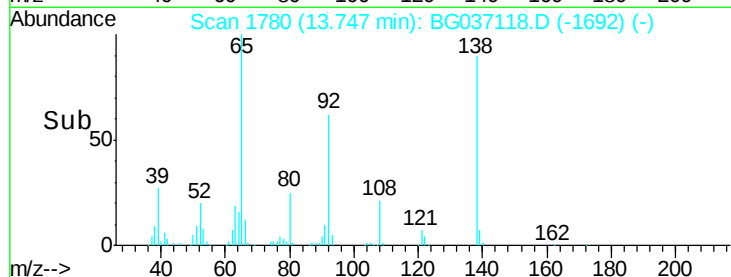
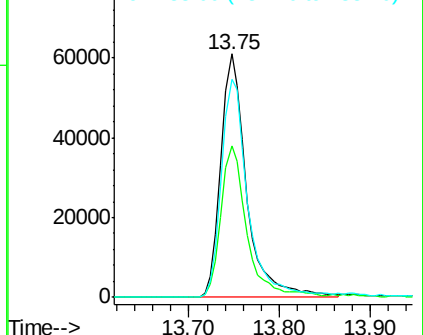
Lab File: BG037118.D

Acq: 2 Oct 2018 23:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 121082 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 92       | 62.1  | 49.9  | 74.9   |
| 138      | 89.5  | 76.2  | 114.4  |



Abundance Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC  
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 50.538 ng

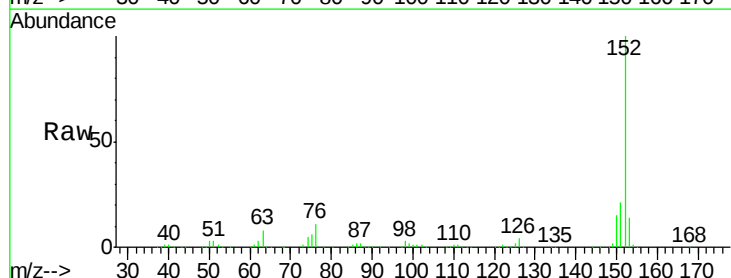
RT: 14.39 min Scan# 1889

Delta R.T. -0.01 min

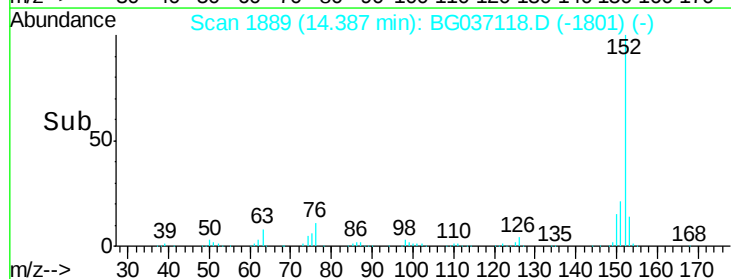
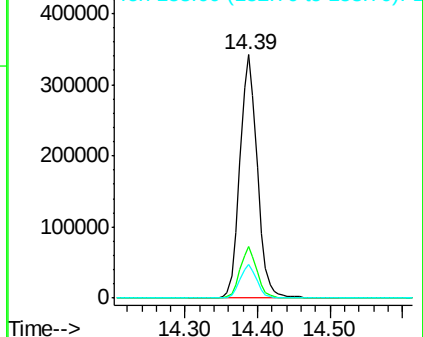
Lab File: BG037118.D

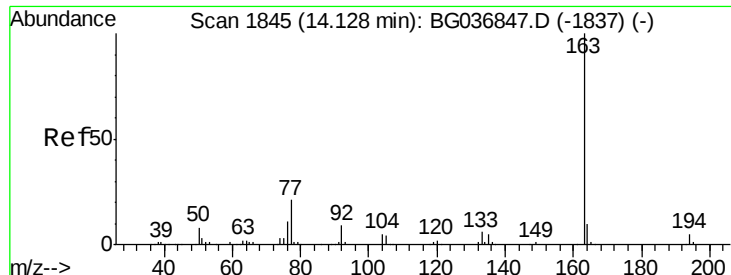
Acq: 2 Oct 2018 23:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 572134 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 151      | 21.1  | 16.9  | 25.3   |
| 153      | 13.7  | 11.2  | 16.8   |



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





#49

Dimethylphthalate

Concen: 45.216 ng

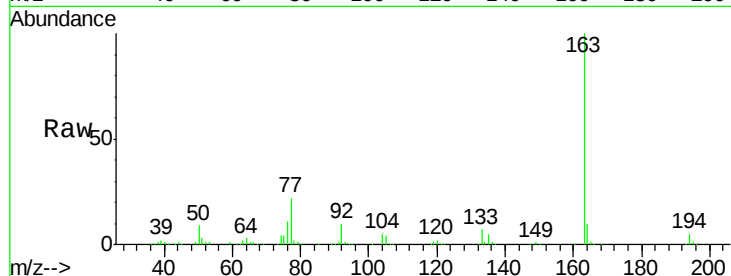
RT: 14.12 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BG037118.D

Acq: 2 Oct 2018 23:49

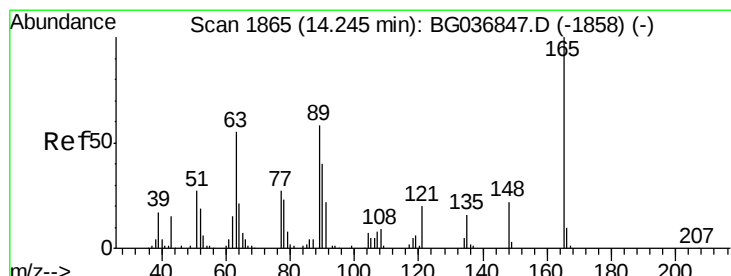
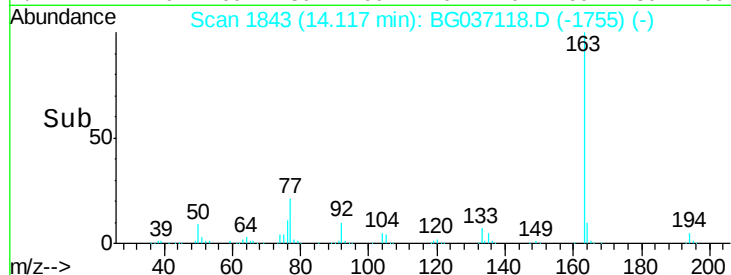
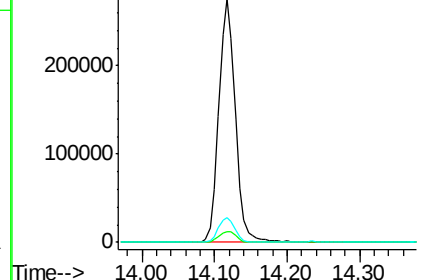
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 163   | Resp: | 436581 |
| Ion      | Ratio | Lower | Upper  |
| 163      | 100   |       |        |
| 194      | 4.6   | 4.0   | 6.0    |
| 164      | 10.0  | 8.1   | 12.1   |



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.543 ng

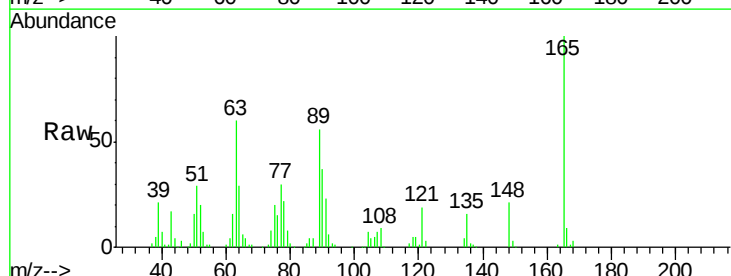
RT: 14.24 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG037118.D

Acq: 2 Oct 2018 23:49

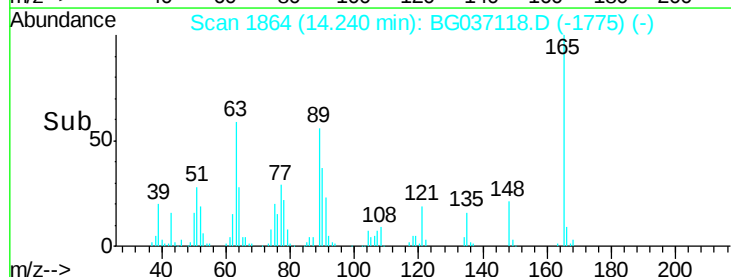
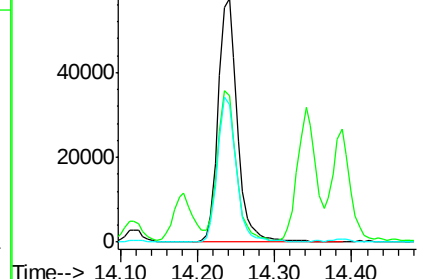
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 165   | Resp: | 98049 |
| Ion      | Ratio | Lower | Upper |
| 165      | 100   |       |       |
| 63       | 60.0  | 50.1  | 75.1  |
| 89       | 56.4  | 47.8  | 71.6  |

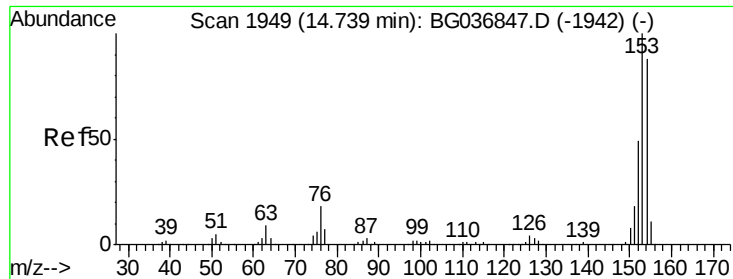


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 47.394 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037118.D

Acq: 2 Oct 2018 23:49

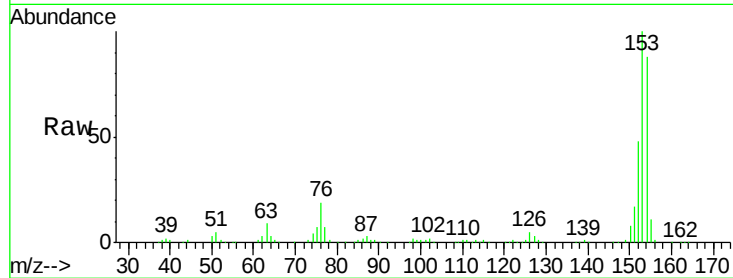
Tgt Ion:154 Resp: 324273

Ion Ratio Lower Upper

154 100

153 114.2 91.8 137.6

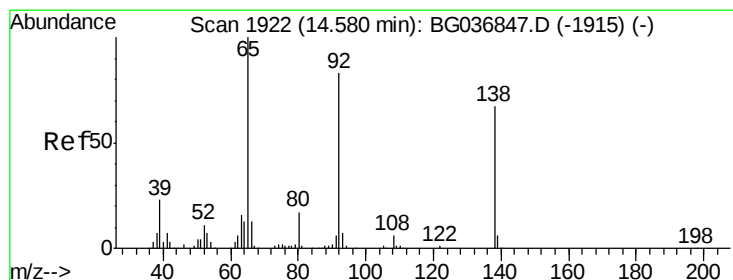
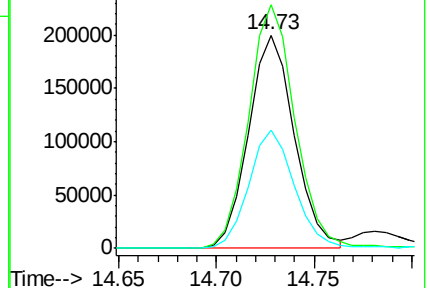
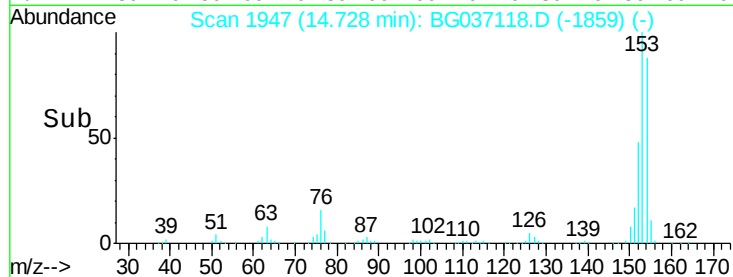
152 55.4 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.674 ng

RT: 14.58 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG037118.D

Acq: 2 Oct 2018 23:49

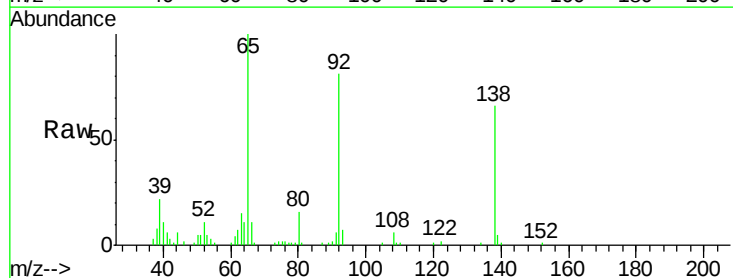
Tgt Ion:138 Resp: 41453

Ion Ratio Lower Upper

138 100

108 9.4 9.4 14.2#

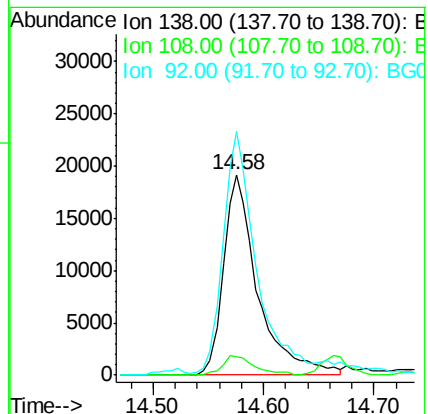
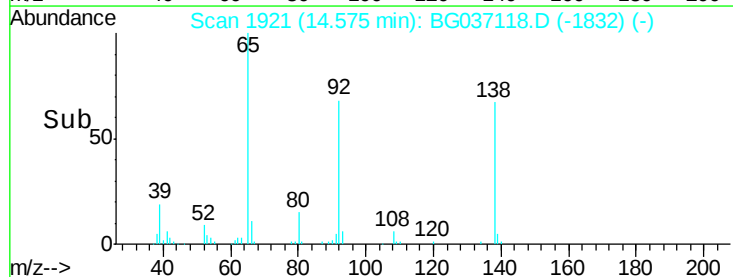
92 121.5 96.8 145.2

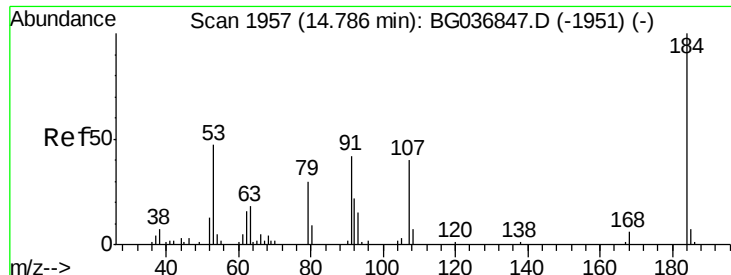


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

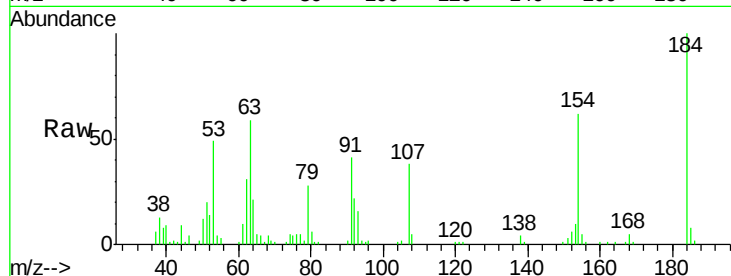
Ion 92.00 (91.70 to 92.70): BG



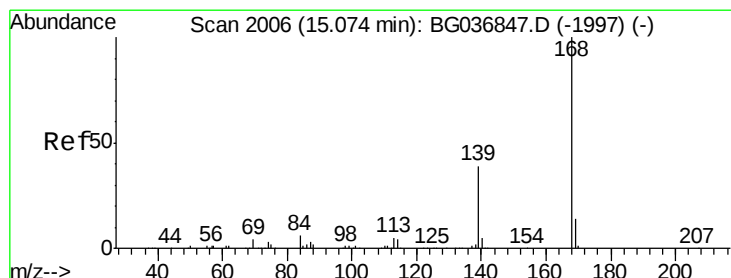
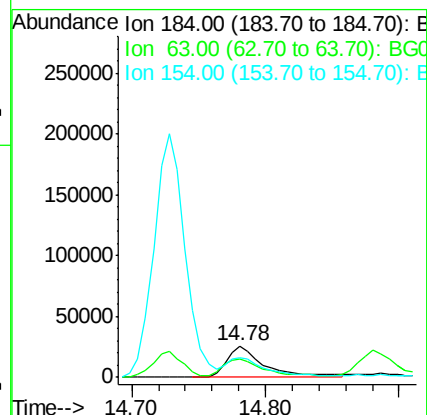
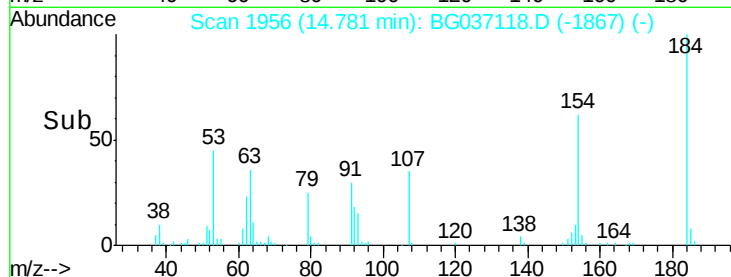


#53  
 2,4-Dinitrophenol  
 Concen: 54.546 ng  
 RT: 14.78 min Scan# 1956  
 Delta R.T. -0.01 min  
 Lab File: BG037118.D  
 Acq: 2 Oct 2018 23:49

Tgt Ion:184 Resp: 51195  
 Ion Ratio Lower Upper  
 184 100  
 63 59.3 47.3 70.9  
 154 61.9 51.1 76.7

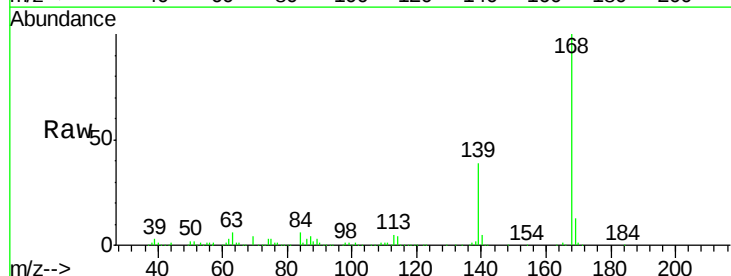


Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BGO  
 Ion 154.00 (153.70 to 154.70): E

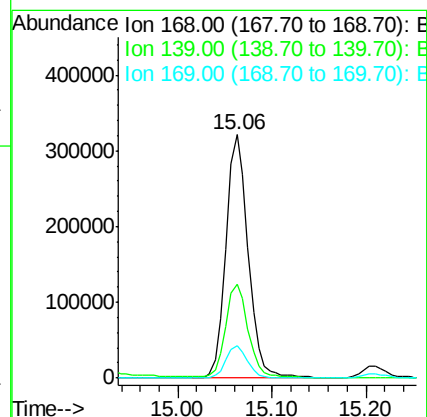
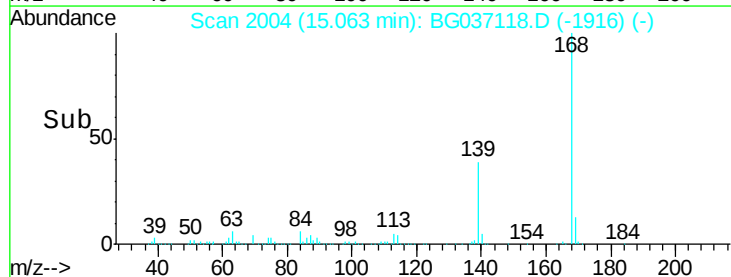


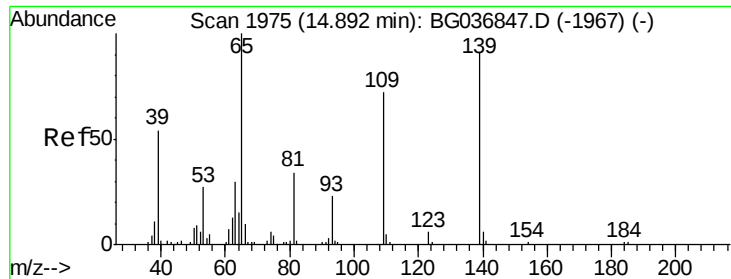
#54  
 Dibenzofuran  
 Concen: 45.955 ng  
 RT: 15.06 min Scan# 2004  
 Delta R.T. -0.01 min  
 Lab File: BG037118.D  
 Acq: 2 Oct 2018 23:49

Tgt Ion:168 Resp: 531853  
 Ion Ratio Lower Upper  
 168 100  
 139 38.7 31.0 46.6  
 169 13.3 11.1 16.7



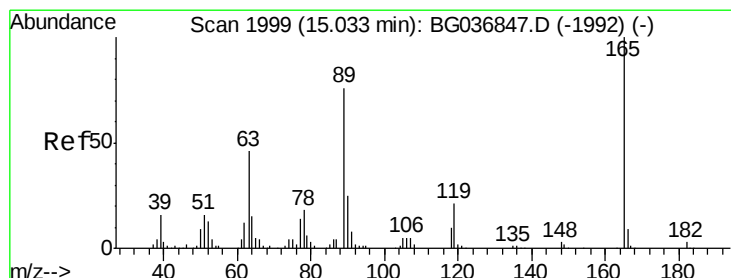
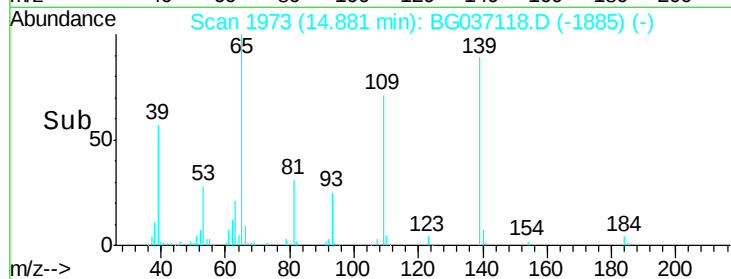
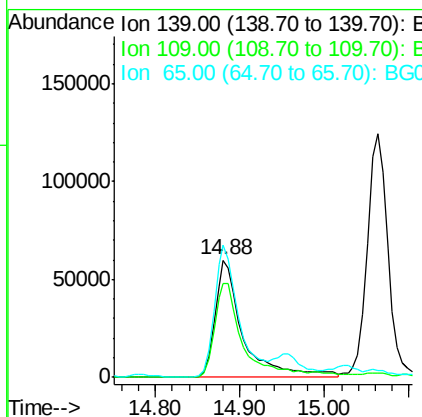
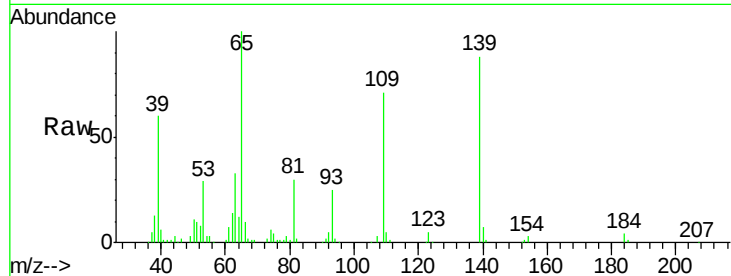
Abundance Ion 168.00 (167.70 to 168.70): E  
 Ion 139.00 (138.70 to 139.70): E  
 Ion 169.00 (168.70 to 169.70): E





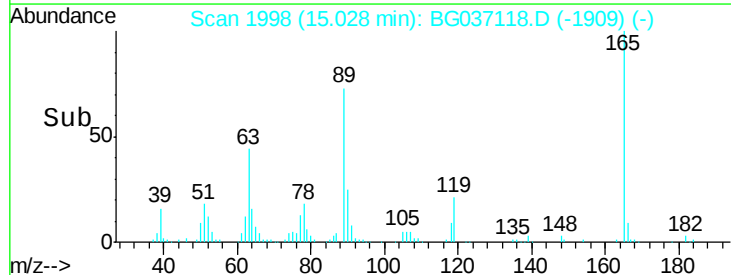
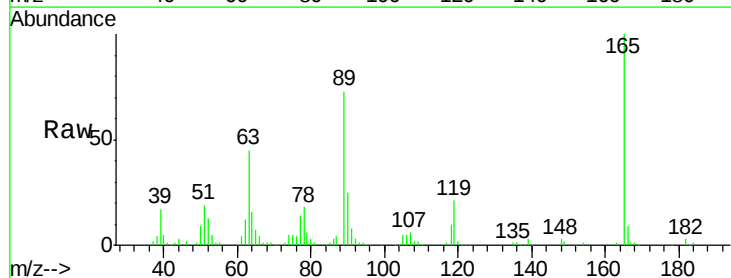
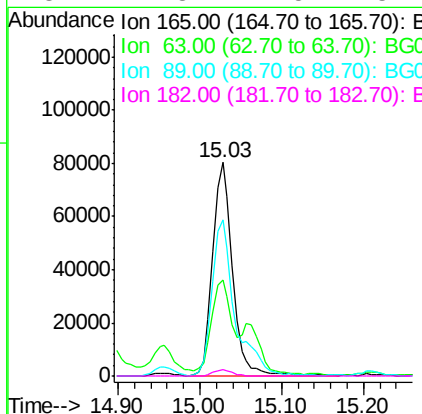
#55  
4-Nitrophenol  
Concen: 97.546 ng  
RT: 14.88 min Scan# 1973  
Delta R.T. -0.01 min  
Lab File: BG037118.D  
Acq: 2 Oct 2018 23:49

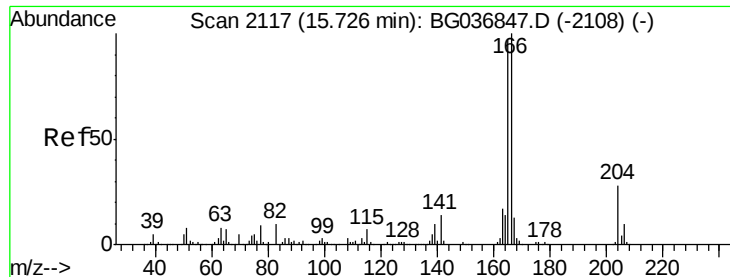
Tgt Ion:139 Resp: 138334  
Ion Ratio Lower Upper  
139 100  
109 80.2 63.9 103.9  
65 113.3 90.0 130.0



#56  
2,4-Dinitrotoluene  
Concen: 46.684 ng  
RT: 15.03 min Scan# 1998  
Delta R.T. -0.01 min  
Lab File: BG037118.D  
Acq: 2 Oct 2018 23:49

Tgt Ion:165 Resp: 137231  
Ion Ratio Lower Upper  
165 100  
63 45.2 40.1 60.1  
89 73.3 63.7 95.5  
182 2.8 2.5 3.7





#57

Fluorene

Concen: 49.379 ng

RT: 15.71 min Scan# 2114

Delta R.T. -0.02 min

Lab File: BG037118.D

Acq: 2 Oct 2018 23:49

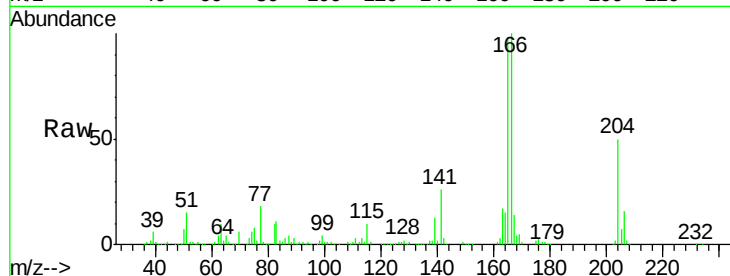
Tgt Ion:166 Resp: 427134

Ion Ratio Lower Upper

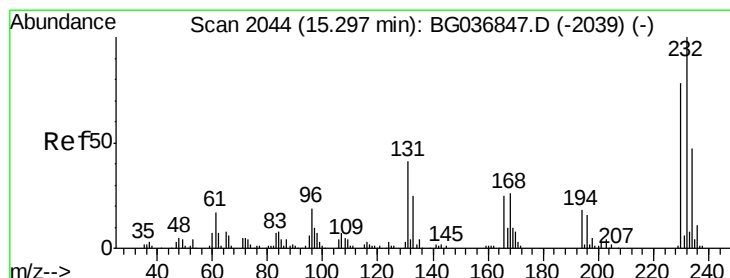
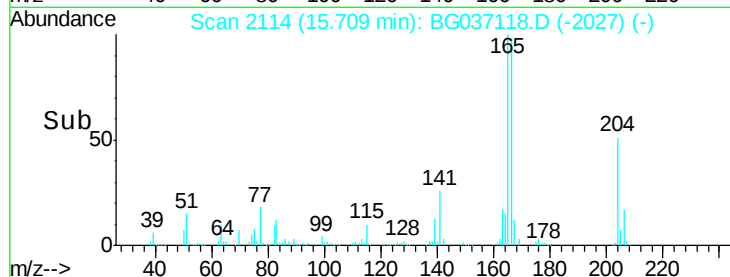
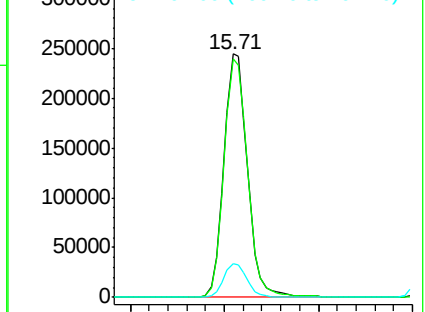
166 100

165 97.7 77.0 115.4

167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.389 ng

RT: 15.29 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BG037118.D

Acq: 2 Oct 2018 23:49

Tgt Ion:232 Resp: 124117

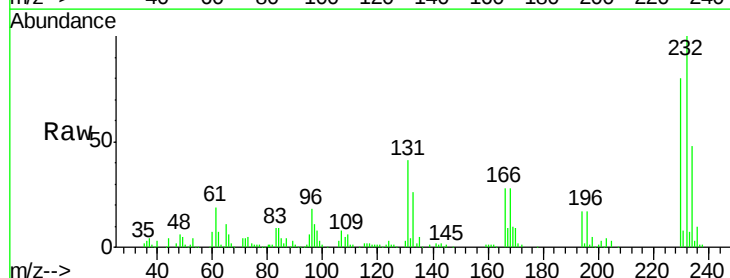
Ion Ratio Lower Upper

232 100

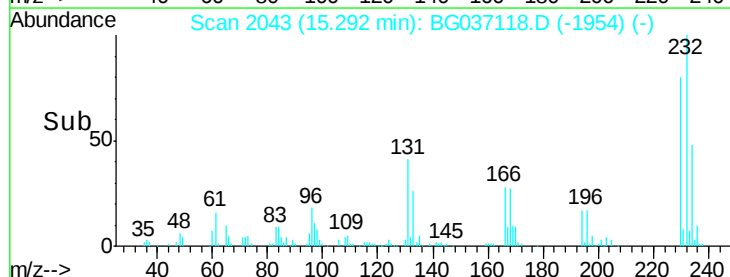
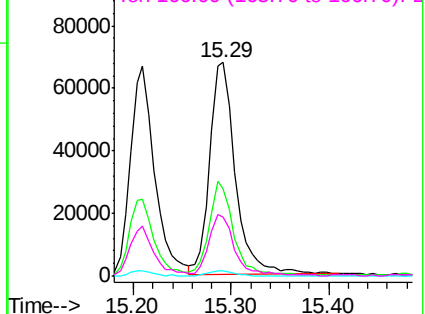
131 44.2 33.8 50.8

130 2.5 2.1 3.1

166 28.6 22.3 33.5



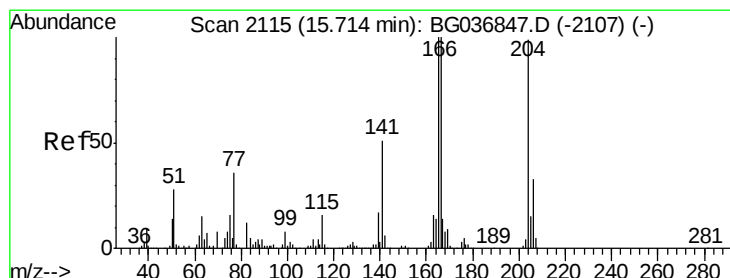
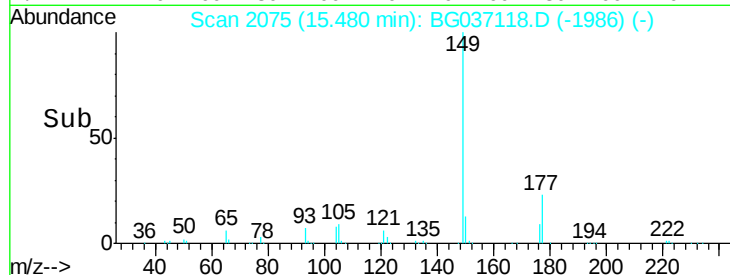
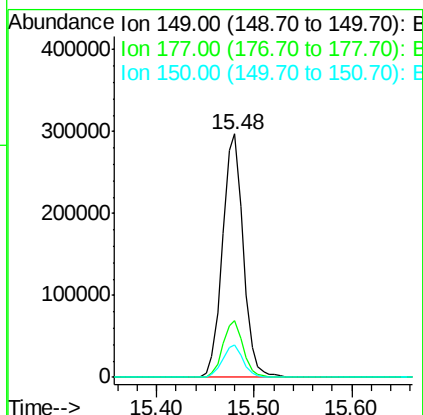
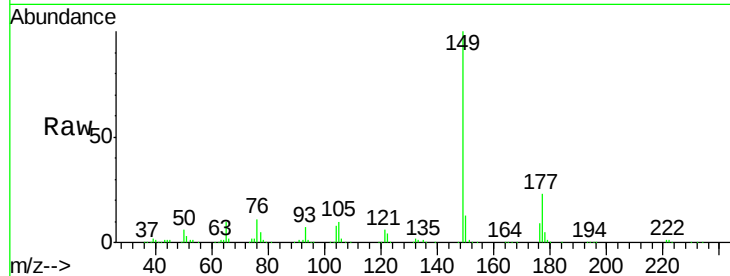
Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E





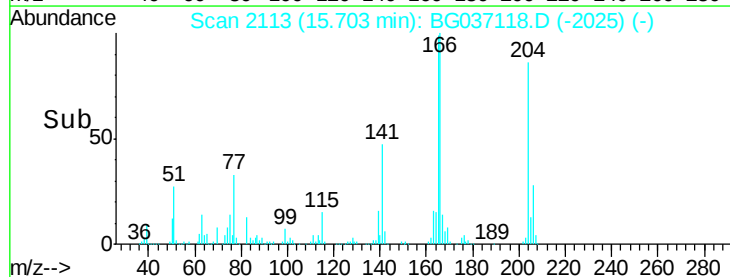
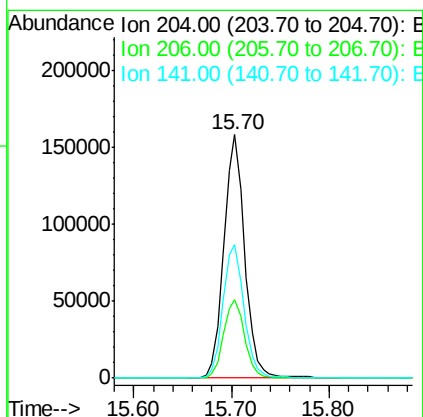
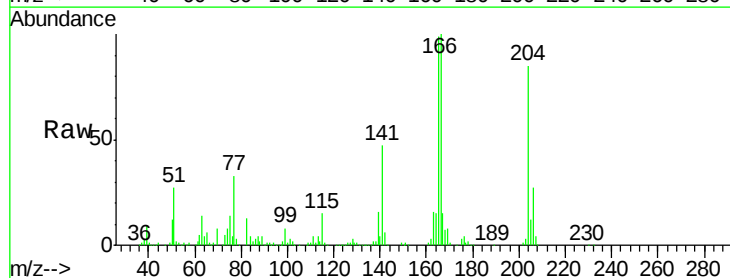
#59  
Diethylphthalate  
Concen: 44.914 ng  
RT: 15.48 min Scan# 2075  
Delta R.T. -0.01 min  
Lab File: BG037118.D  
Acq: 2 Oct 2018 23:49

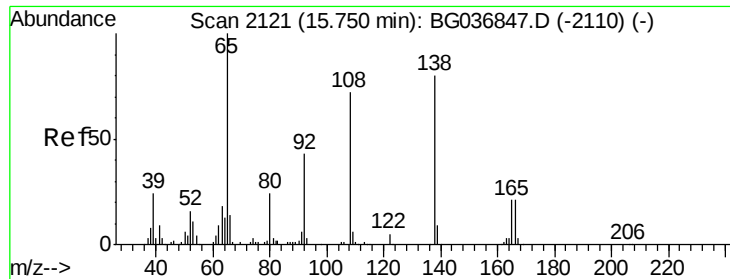
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.2  | 19.1  | 28.7  |
| 150     | 13.4  | 10.7  | 16.1  |



#60  
4-Chlorophenyl-phenylether  
Concen: 42.830 ng  
RT: 15.70 min Scan# 2113  
Delta R.T. -0.01 min  
Lab File: BG037118.D  
Acq: 2 Oct 2018 23:49

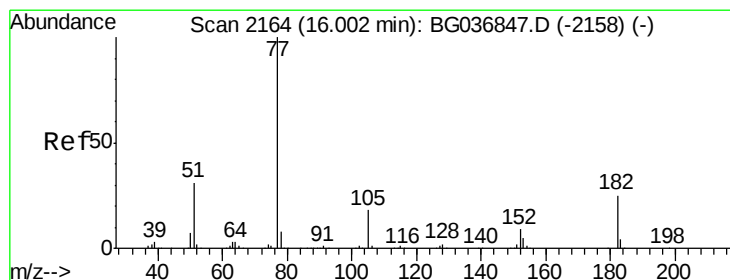
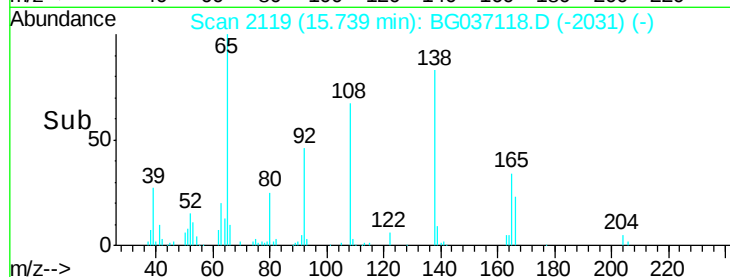
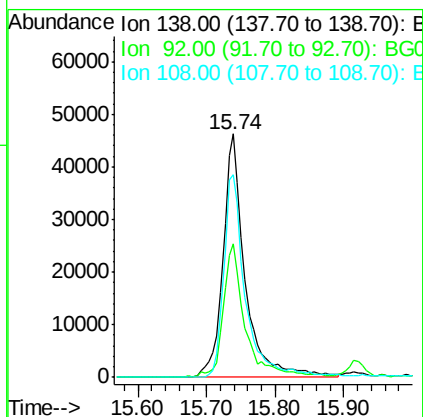
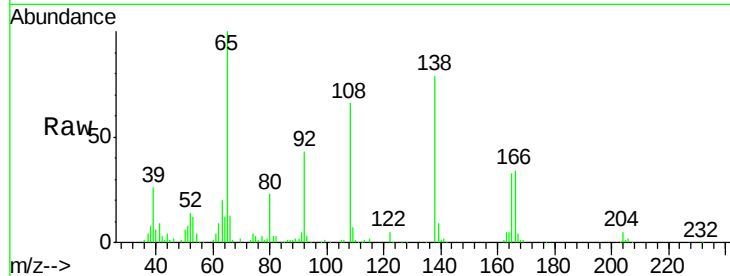
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.0  | 27.0  | 40.4  |
| 141     | 54.6  | 43.8  | 65.6  |





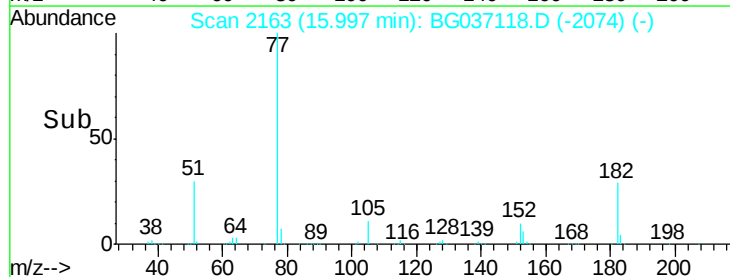
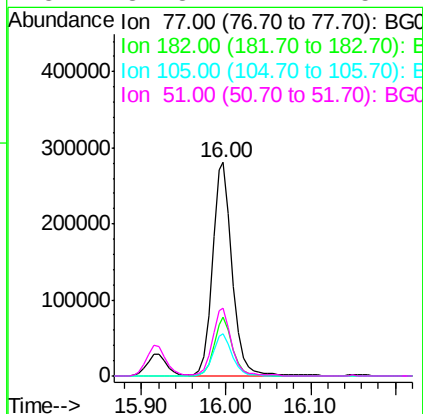
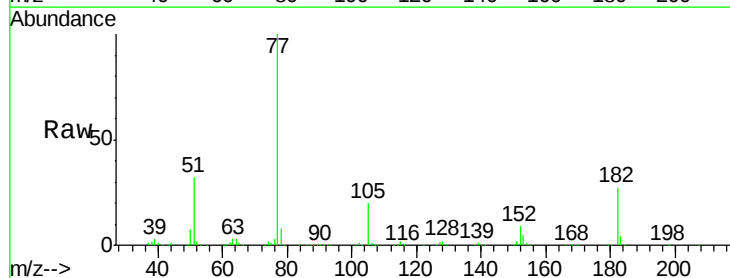
#61  
4-Nitroaniline  
Concen: 44.325 ng  
RT: 15.74 min Scan# 2119  
Delta R.T. -0.01 min  
Lab File: BG037118.D  
Acq: 2 Oct 2018 23:49

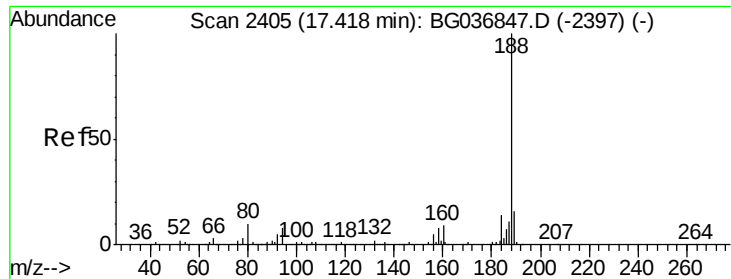
Tgt Ion: 138 Resp: 103500  
Ion Ratio Lower Upper  
138 100  
92 54.8 38.5 78.5  
108 83.5 70.3 110.3



#62  
Azobenzene  
Concen: 48.807 ng  
RT: 16.00 min Scan# 2163  
Delta R.T. -0.01 min  
Lab File: BG037118.D  
Acq: 2 Oct 2018 23:49

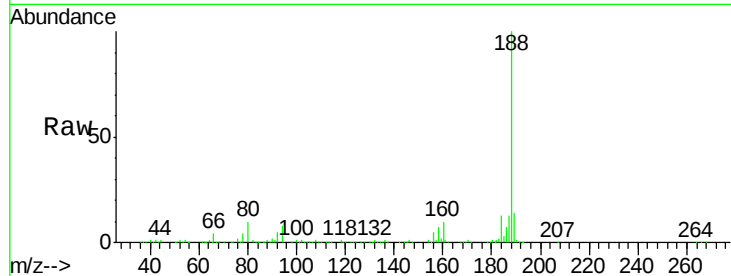
Tgt Ion: 77 Resp: 456702  
Ion Ratio Lower Upper  
77 100  
182 27.4 6.7 46.7  
105 20.0 0.0 39.8  
51 31.8 12.4 52.4



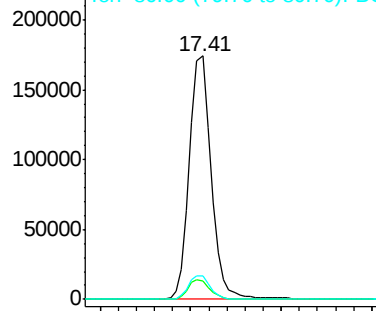


#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.41 min Scan# 2404  
Delta R.T. -0.01 min  
Lab File: BG037118.D  
Acq: 2 Oct 2018 23:49

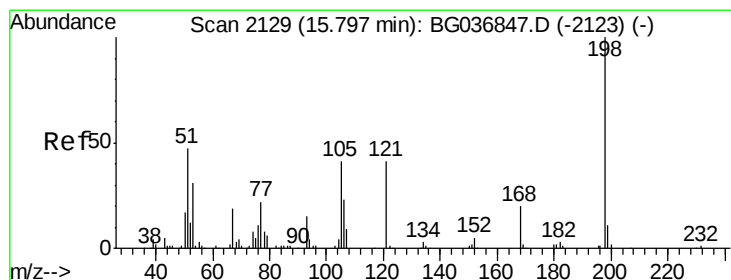
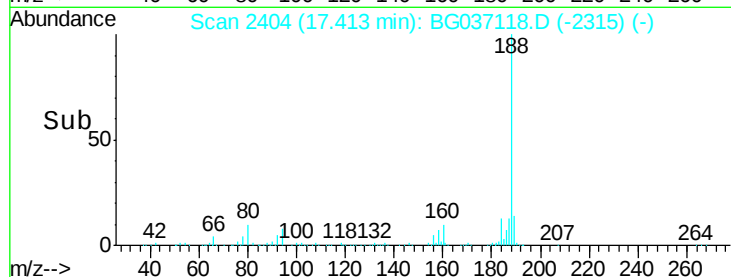
Tgt Ion:188 Resp: 292275  
Ion Ratio Lower Upper  
188 100  
94 7.8 6.7 10.1  
80 9.5 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BG0  
Ion 80.00 (79.70 to 80.70): BG0

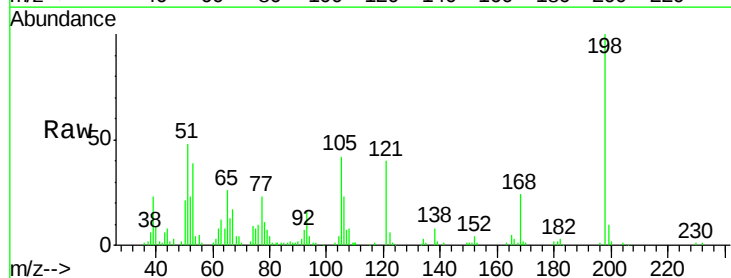


Time--> 17.30 17.40 17.50

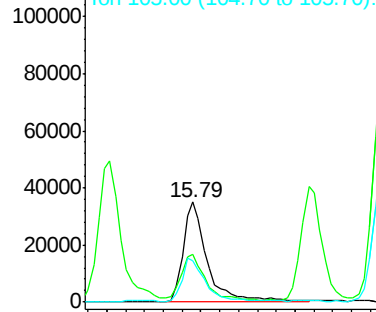


#64  
4,6-Dinitro-2-methylphenol  
Concen: 41.631 ng  
RT: 15.79 min Scan# 2128  
Delta R.T. -0.01 min  
Lab File: BG037118.D  
Acq: 2 Oct 2018 23:49

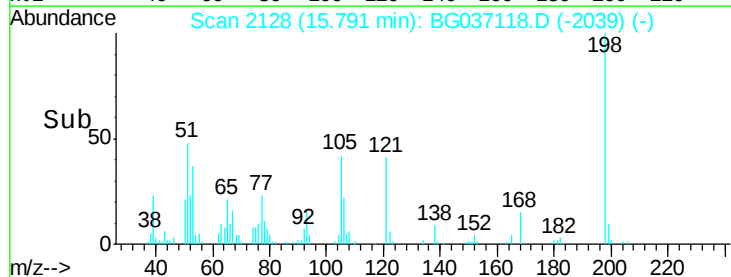
Tgt Ion:198 Resp: 63615  
Ion Ratio Lower Upper  
198 100  
51 48.0 26.5 66.5  
105 42.0 20.2 60.2

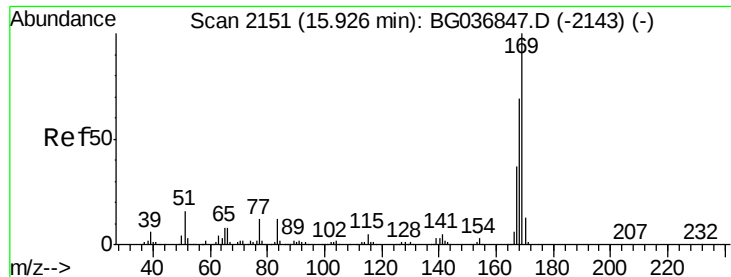


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BG0  
Ion 105.00 (104.70 to 105.70): E



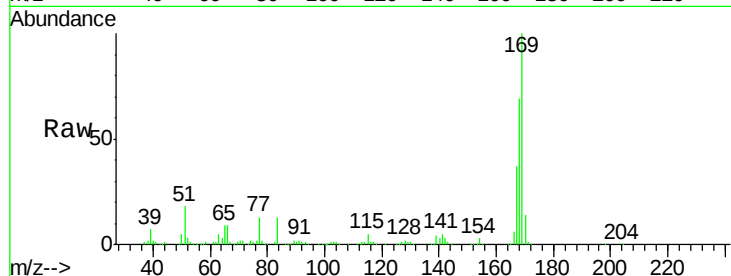
Time--> 15.70 15.80 15.90



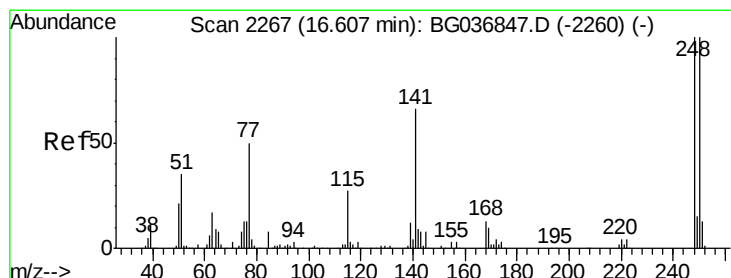
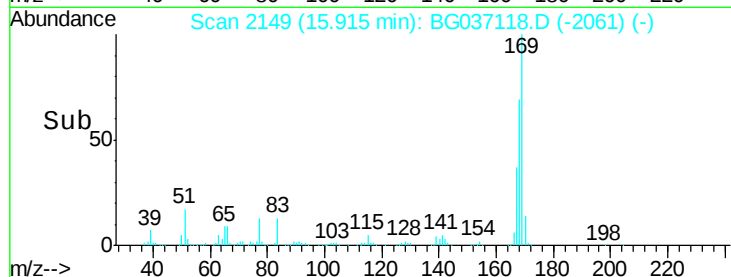
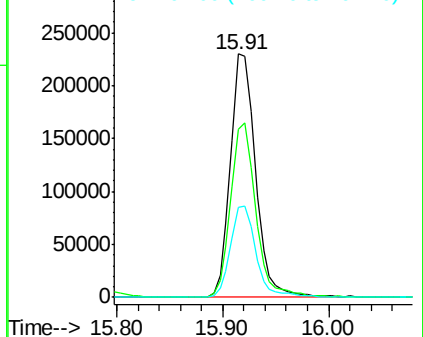


#65  
 n-Nitrosodiphenylamine  
 Concen: 46.992 ng  
 RT: 15.91 min Scan# 2149  
 Delta R.T. -0.01 min  
 Lab File: BG037118.D  
 Acq: 2 Oct 2018 23:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 69.0  | 57.6  | 86.4  |
| 167     | 37.2  | 31.0  | 46.4  |

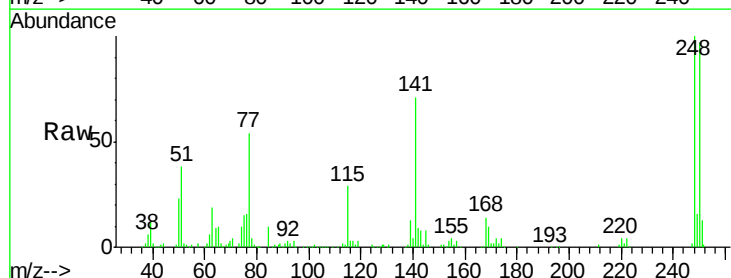


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

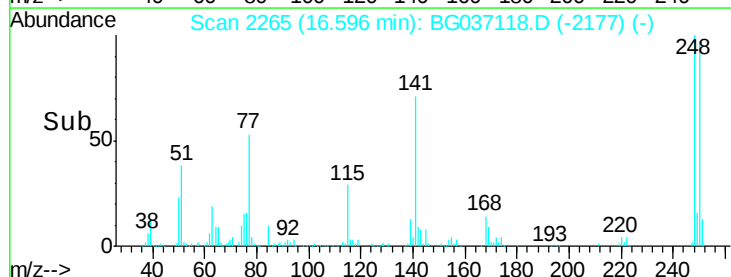
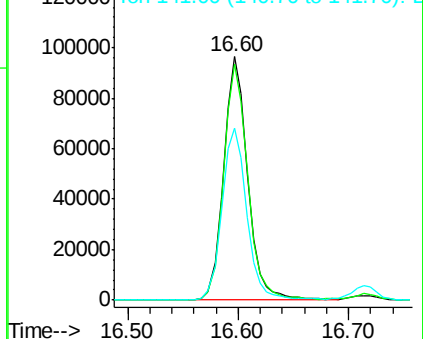


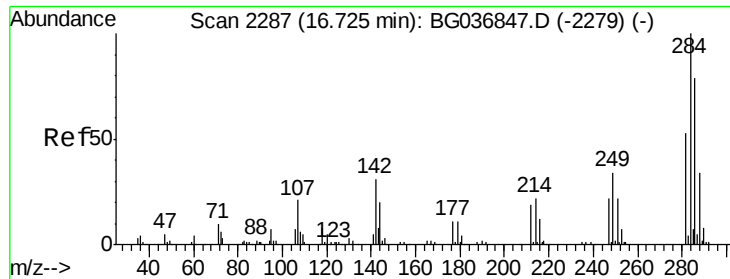
#66  
 4-Bromophenyl-phenylether  
 Concen: 44.210 ng  
 RT: 16.60 min Scan# 2265  
 Delta R.T. -0.01 min  
 Lab File: BG037118.D  
 Acq: 2 Oct 2018 23:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.8  | 78.1  | 117.1 |
| 141     | 70.5  | 53.7  | 80.5  |



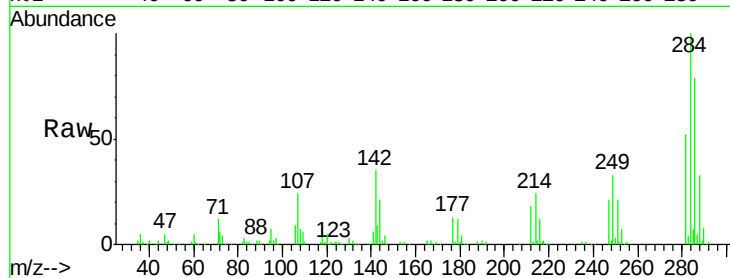
Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E



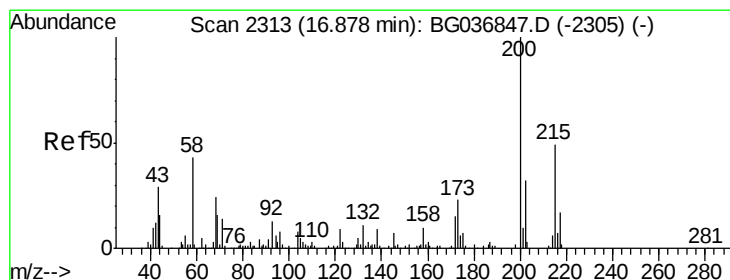
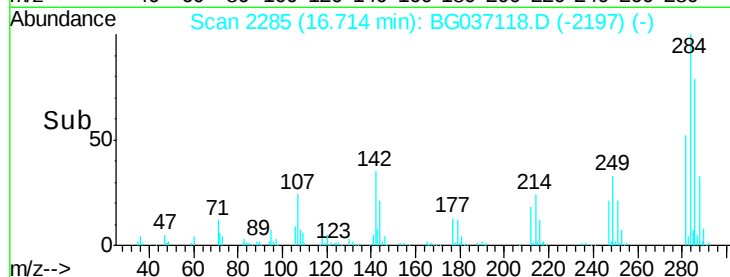
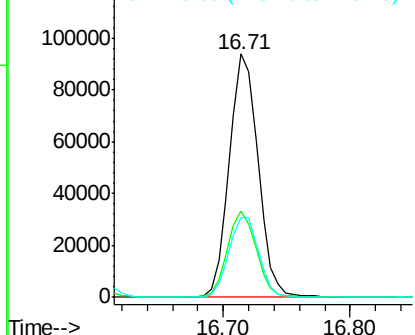


#67  
Hexachlorobenzene  
Concen: 43.102 ng  
RT: 16.71 min Scan# 2285  
Delta R.T. -0.01 min  
Lab File: BG037118.D  
Acq: 2 Oct 2018 23:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 35.4  | 27.8  | 41.6  |
| 249     | 32.9  | 27.4  | 41.2  |

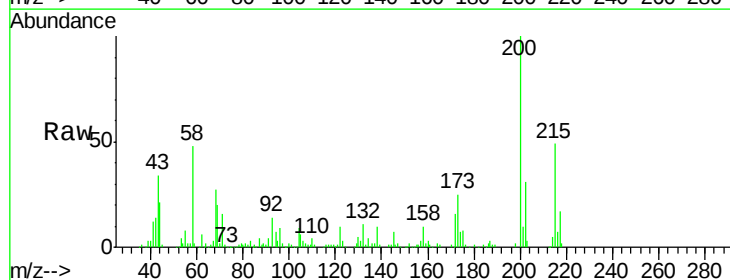


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

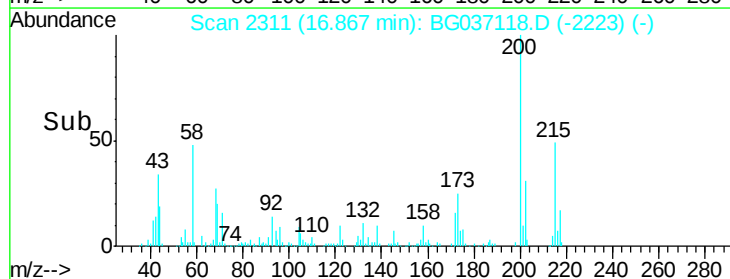
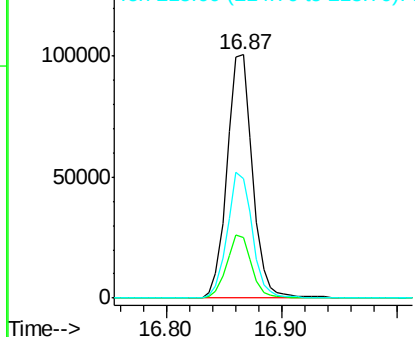


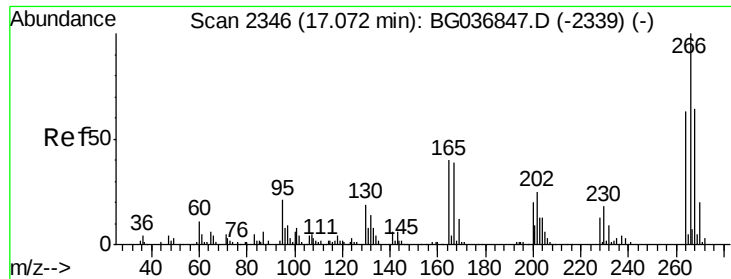
#68  
Atrazine  
Concen: 47.067 ng  
RT: 16.87 min Scan# 2311  
Delta R.T. -0.01 min  
Lab File: BG037118.D  
Acq: 2 Oct 2018 23:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 24.8  | 3.9   | 43.9  |
| 215     | 49.0  | 30.4  | 70.4  |



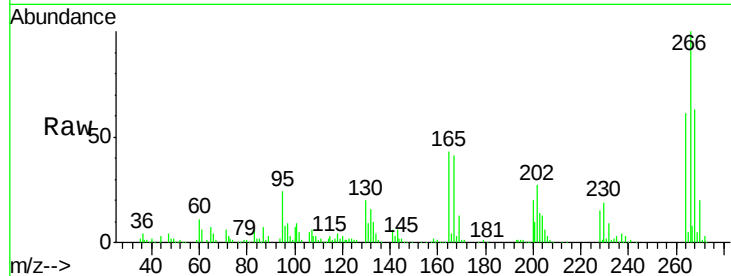
Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E



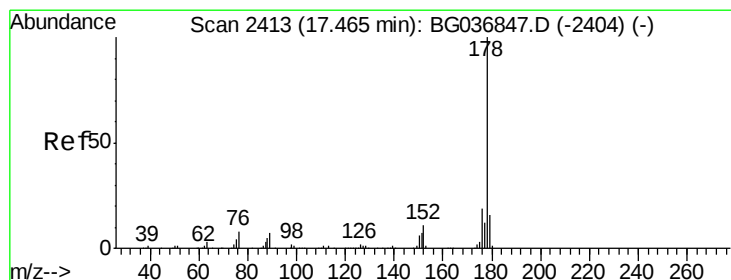
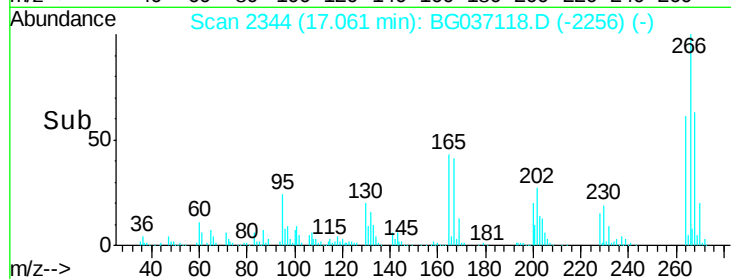
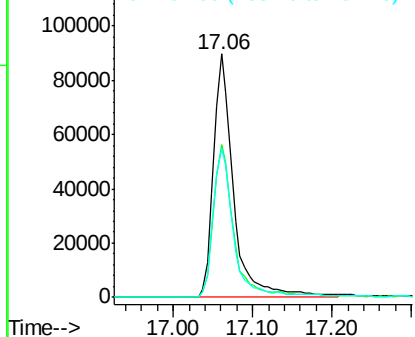


#69  
 Pentachlorophenol  
 Concen: 73.377 ng  
 RT: 17.06 min Scan# 2344  
 Delta R.T. -0.01 min  
 Lab File: BG037118.D  
 Acq: 2 Oct 2018 23:49

Tgt Ion:266 Resp: 158182  
 Ion Ratio Lower Upper  
 266 100  
 268 62.9 51.4 77.2  
 264 61.3 48.9 73.3

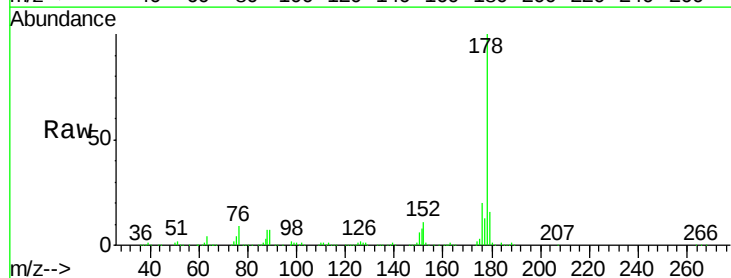


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

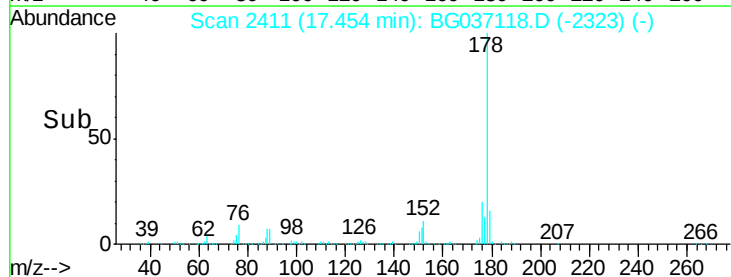
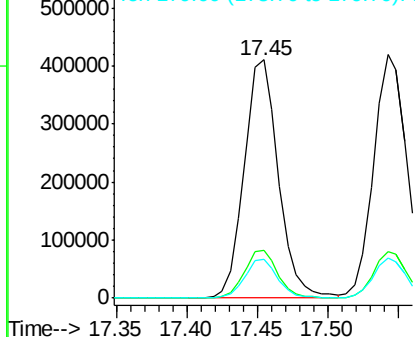


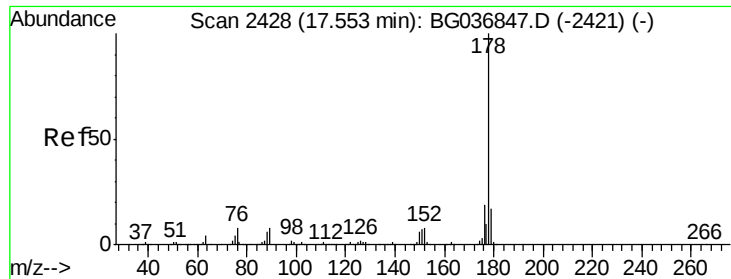
#70  
 Phenanthrene  
 Concen: 49.490 ng  
 RT: 17.45 min Scan# 2411  
 Delta R.T. -0.01 min  
 Lab File: BG037118.D  
 Acq: 2 Oct 2018 23:49

Tgt Ion:178 Resp: 697040  
 Ion Ratio Lower Upper  
 178 100  
 176 20.1 15.4 23.2  
 179 16.1 13.4 20.2



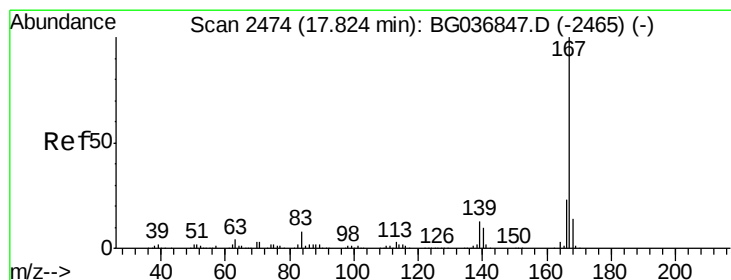
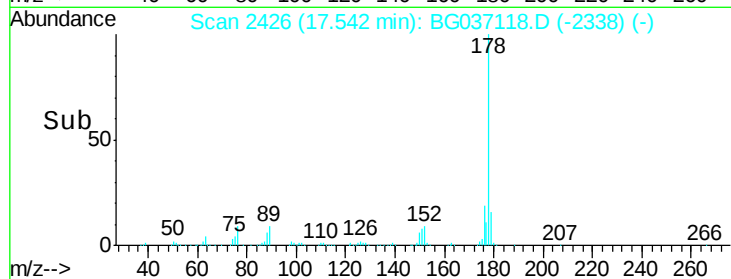
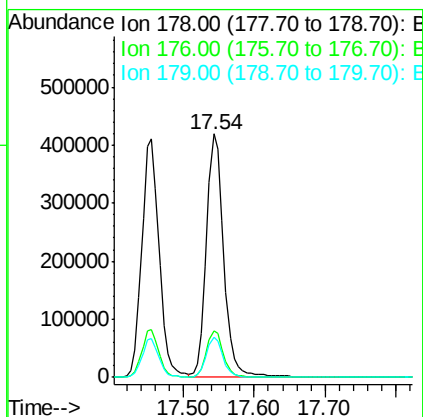
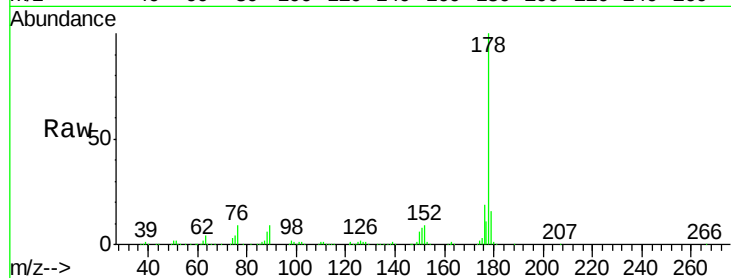
Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E





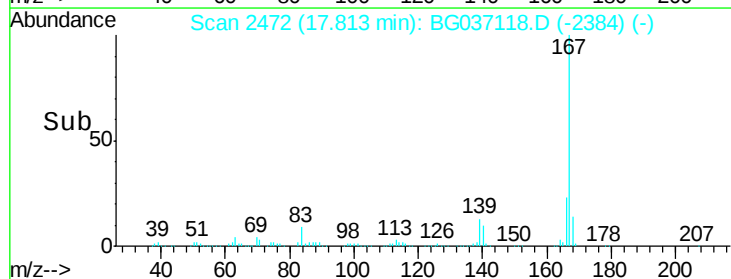
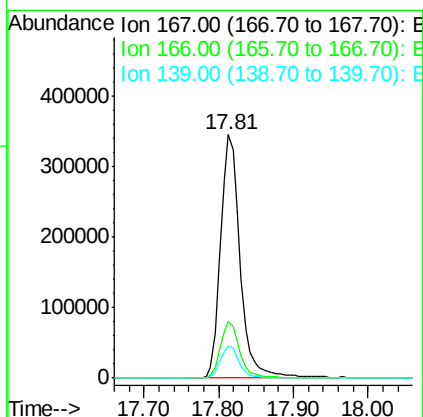
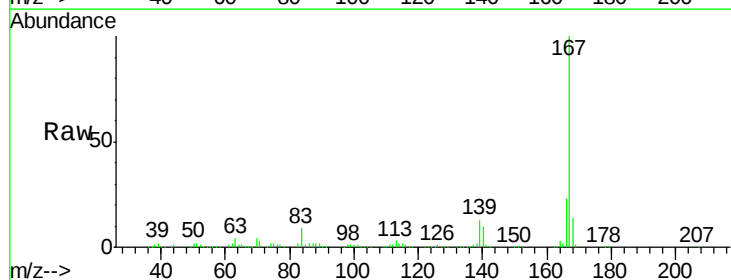
#71  
 Anthracene  
 Concen: 51.456 ng  
 RT: 17.54 min Scan# 2426  
 Delta R.T. -0.01 min  
 Lab File: BG037118.D  
 Acq: 2 Oct 2018 23:49

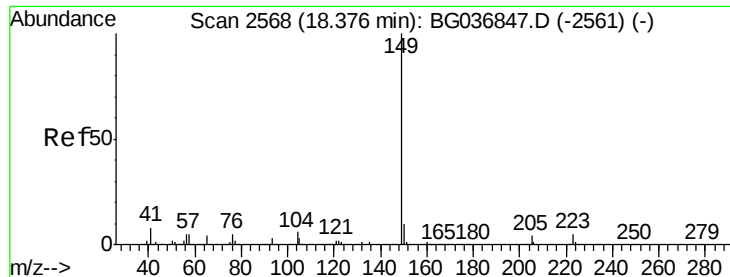
Tgt Ion:178 Resp: 716621  
 Ion Ratio Lower Upper  
 178 100  
 176 19.3 15.4 23.2  
 179 16.4 13.0 19.4



#72  
 Carbazole  
 Concen: 46.606 ng  
 RT: 17.81 min Scan# 2472  
 Delta R.T. -0.01 min  
 Lab File: BG037118.D  
 Acq: 2 Oct 2018 23:49

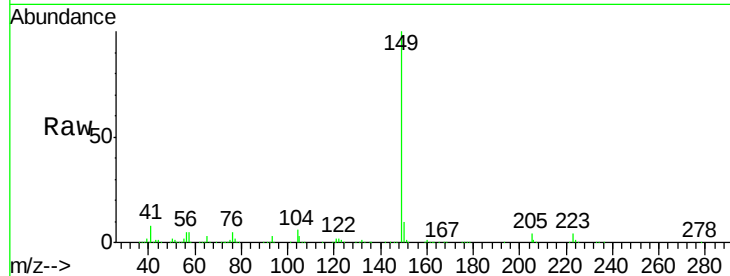
Tgt Ion:167 Resp: 632856  
 Ion Ratio Lower Upper  
 167 100  
 166 23.5 19.5 29.3  
 139 13.5 10.7 16.1



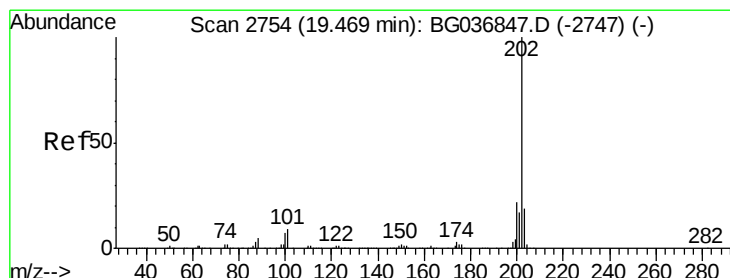
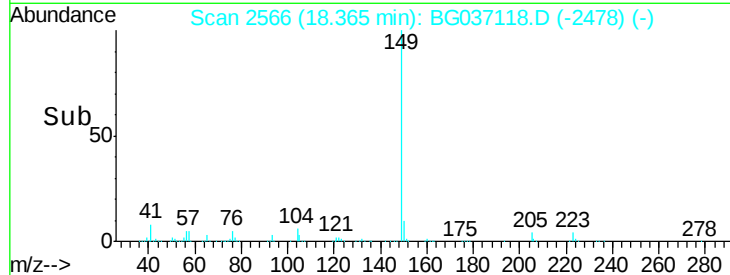
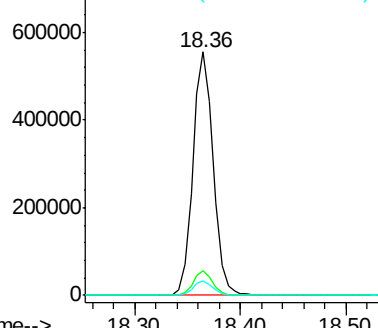


#73  
Di-n-butylphthalate  
Concen: 49.288 ng  
RT: 18.36 min Scan# 2566  
Delta R.T. -0.01 min  
Lab File: BG037118.D  
Acq: 2 Oct 2018 23:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 743246 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 10.1  | 8.1   | 12.1   |
| 104       | 5.8   | 4.6   | 6.8    |

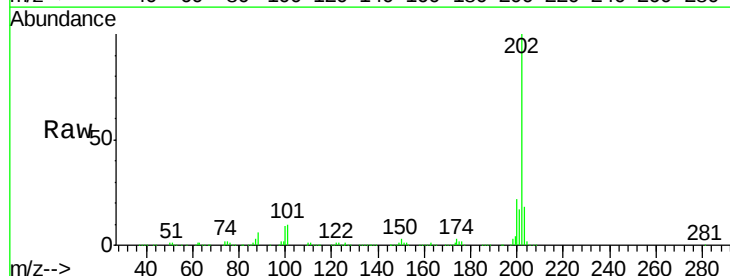


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E

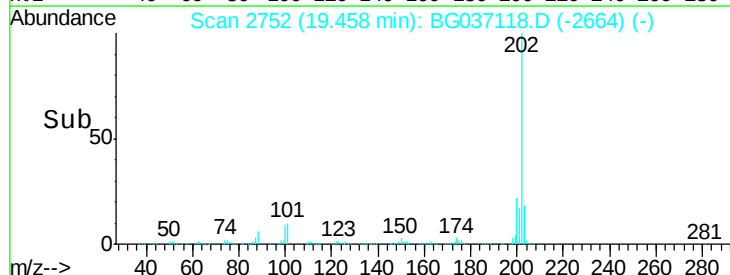
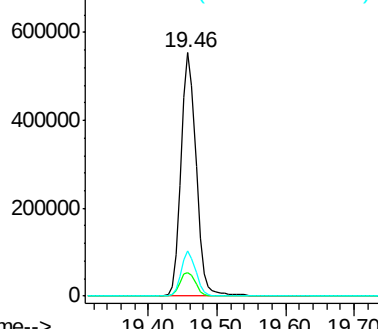


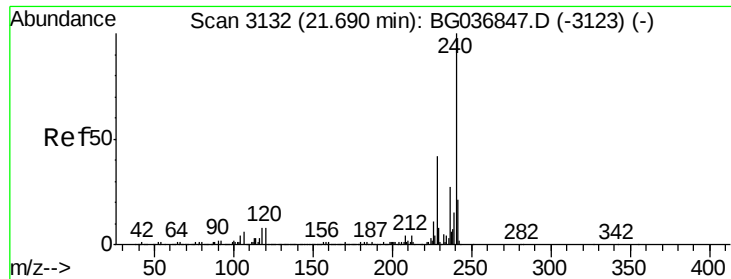
#74  
Fluoranthene  
Concen: 50.246 ng  
RT: 19.46 min Scan# 2752  
Delta R.T. -0.01 min  
Lab File: BG037118.D  
Acq: 2 Oct 2018 23:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 851860 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 9.8   | 0.0   | 29.4   |
| 203       | 18.4  | 0.0   | 38.9   |



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





#75

Chrysene-d12

Concen: 20.000 ng

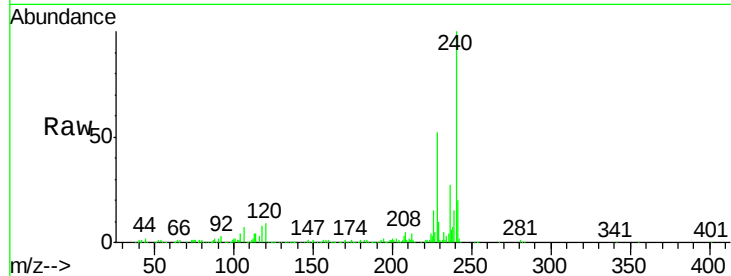
RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG037118.D

Acq: 2 Oct 2018 23:49

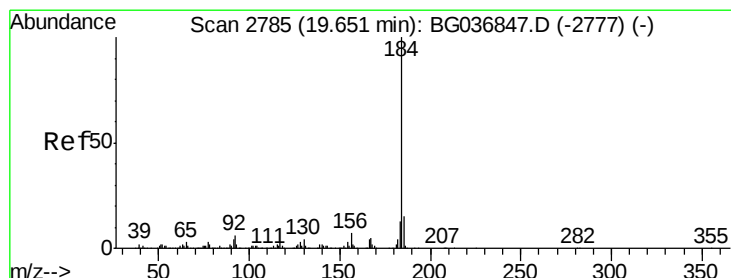
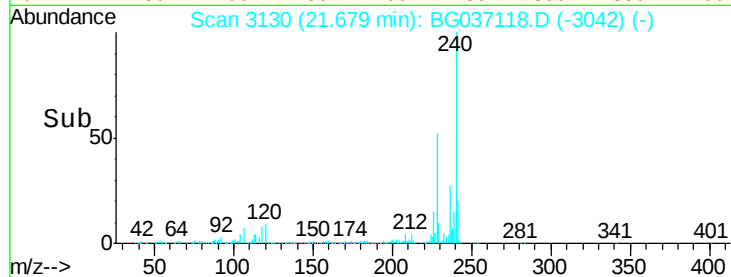
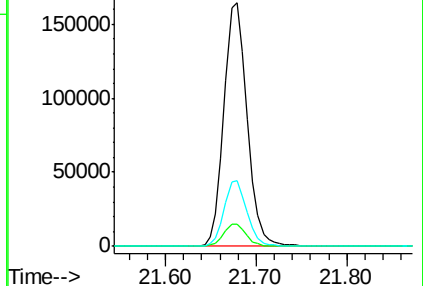
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 293295 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 8.9   | 6.9   | 10.3   |
| 236      | 26.7  | 21.2  | 31.8   |



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 20.993 ng

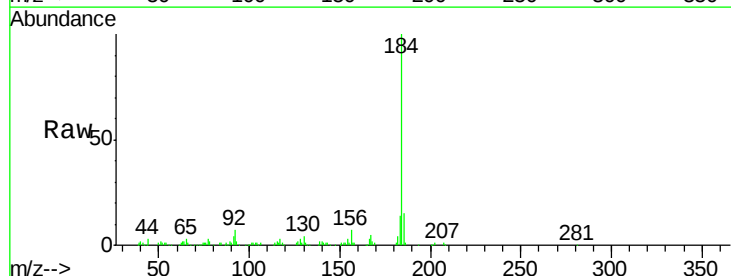
RT: 19.65 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG037118.D

Acq: 2 Oct 2018 23:49

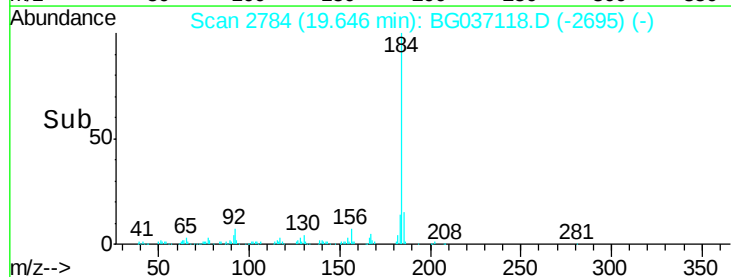
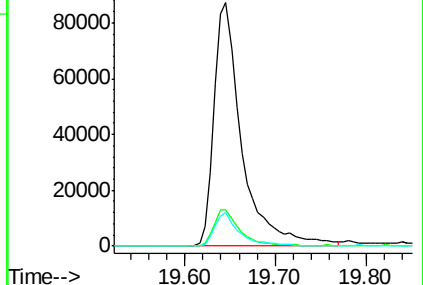
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 184   | Resp: | 186131 |
| Ion      | Ratio | Lower | Upper  |
| 184      | 100   |       |        |
| 185      | 14.8  | 12.6  | 18.8   |
| 183      | 13.6  | 10.9  | 16.3   |

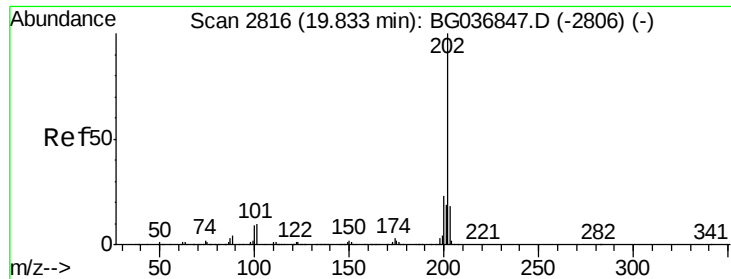


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

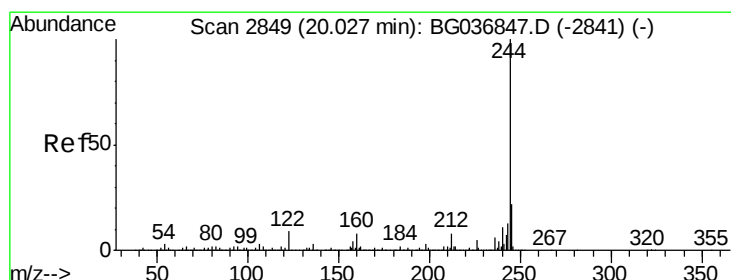
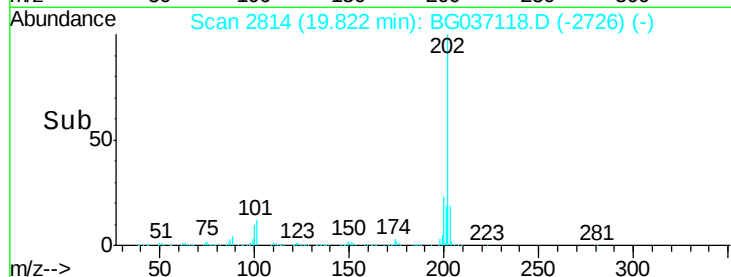
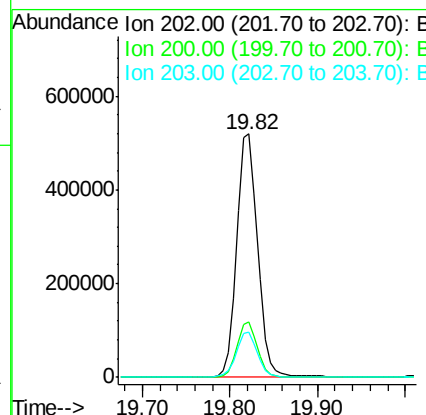
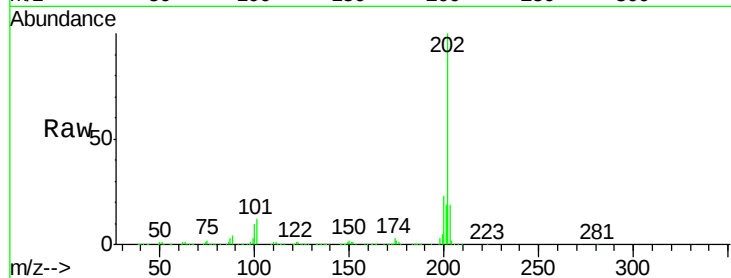
Ion 183.00 (182.70 to 183.70): E





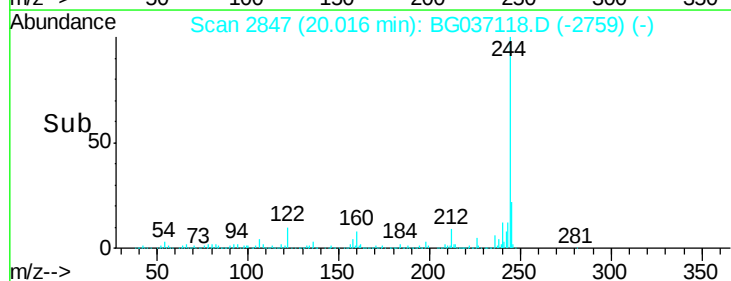
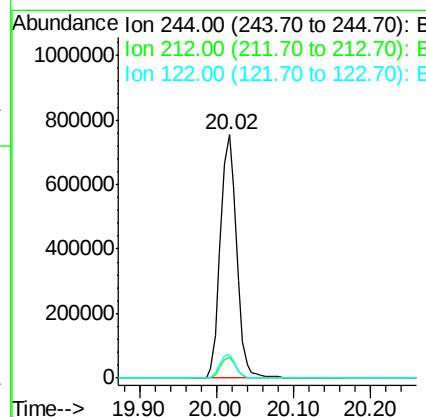
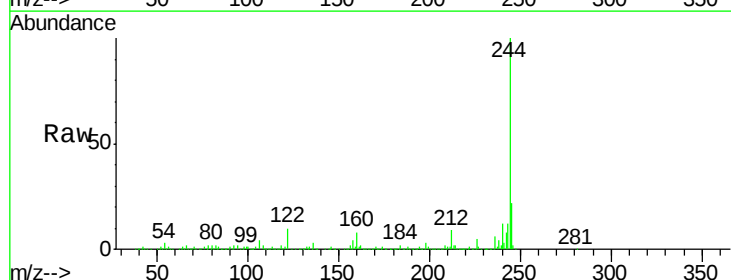
#77  
 Pyrene  
 Concen: 47.902 ng  
 RT: 19.82 min Scan# 2814  
 Delta R.T. -0.01 min  
 Lab File: BG037118.D  
 Acq: 2 Oct 2018 23:49

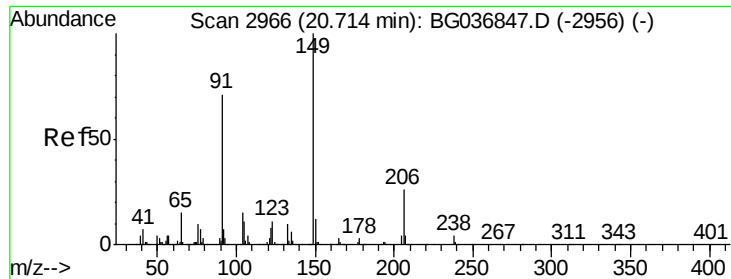
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 202   | Resp: | 843083 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 200      | 22.8  | 18.3  | 27.5   |
| 203      | 18.7  | 15.1  | 22.7   |



#78  
 Terphenyl-d14  
 Concen: 98.098 ng  
 RT: 20.02 min Scan# 2847  
 Delta R.T. -0.01 min  
 Lab File: BG037118.D  
 Acq: 2 Oct 2018 23:49

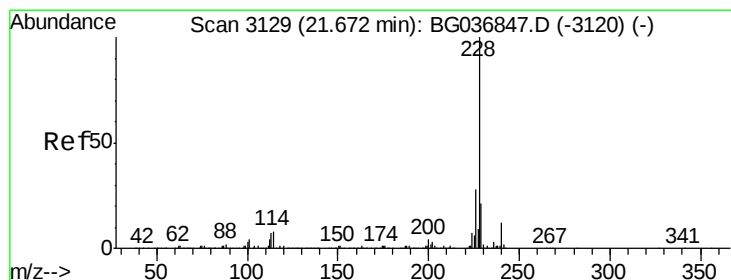
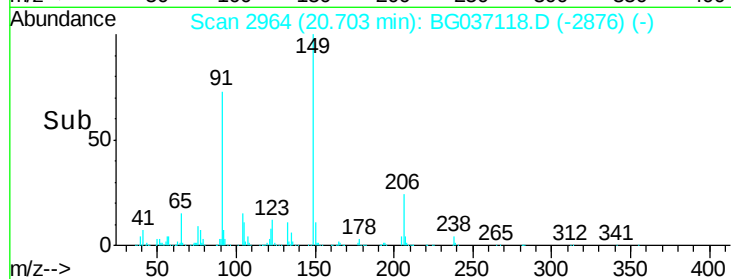
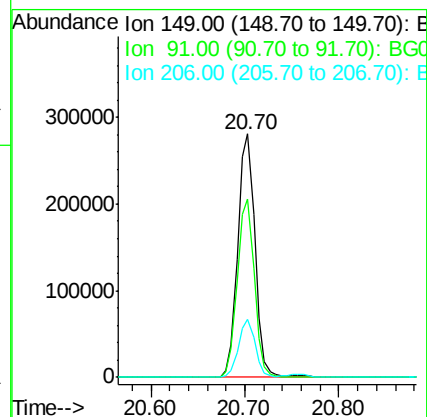
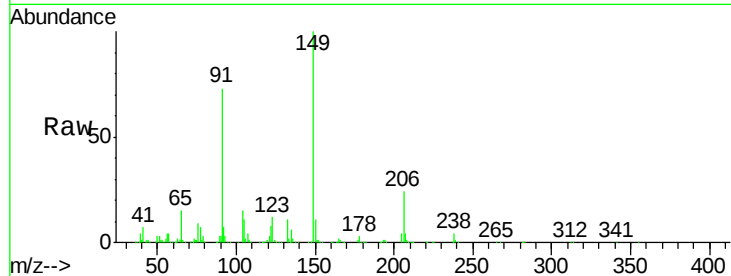
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 244   | Resp: | 1094188 |
| Ion      | Ratio | Lower | Upper   |
| 244      | 100   |       |         |
| 212      | 8.8   | 7.0   | 10.6    |
| 122      | 9.6   | 7.1   | 10.7    |





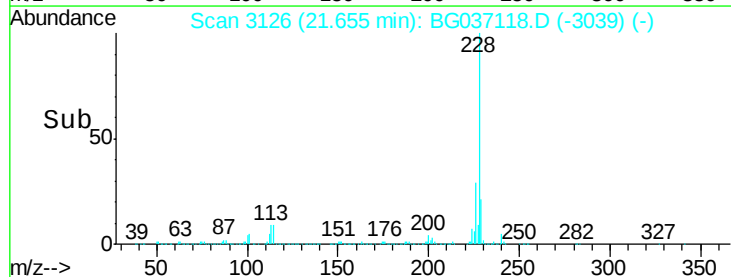
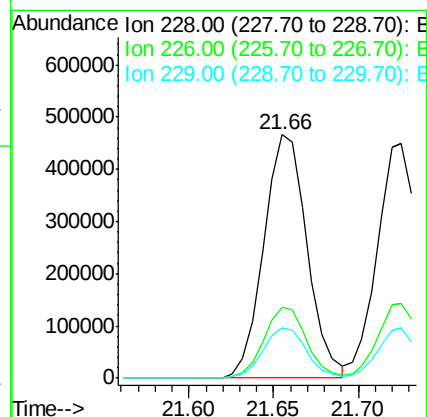
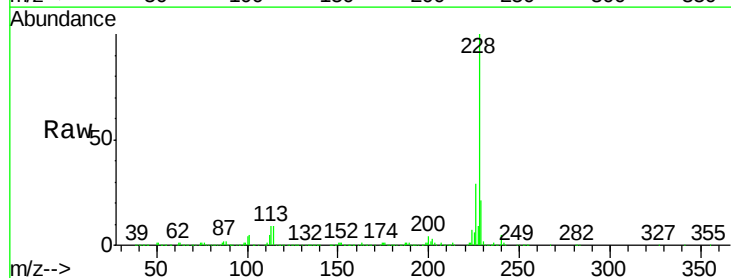
#79  
Butylbenzylphthalate  
Concen: 51.104 ng  
RT: 20.70 min Scan# 2964  
Delta R.T. -0.01 min  
Lab File: BG037118.D  
Acq: 2 Oct 2018 23:49

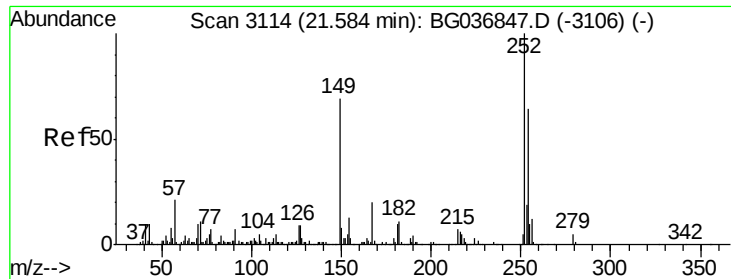
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 73.3  | 62.0  | 93.0  |
| 206     | 23.9  | 19.6  | 29.4  |



#80  
Benzo(a)anthracene  
Concen: 48.512 ng  
RT: 21.66 min Scan# 3126  
Delta R.T. -0.02 min  
Lab File: BG037118.D  
Acq: 2 Oct 2018 23:49

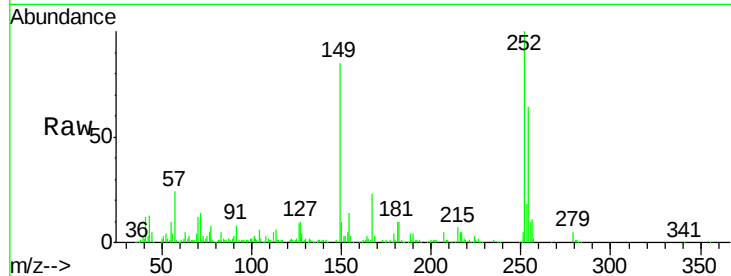
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.1  | 23.4  | 35.2  |
| 229     | 20.7  | 17.1  | 25.7  |



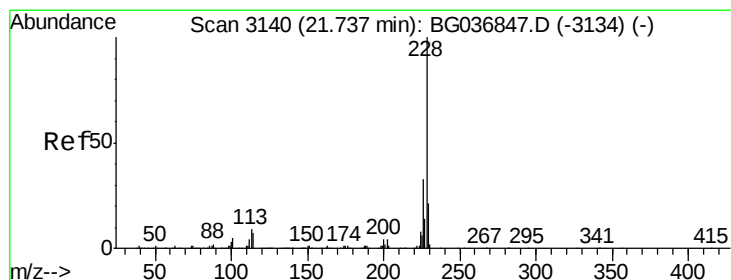
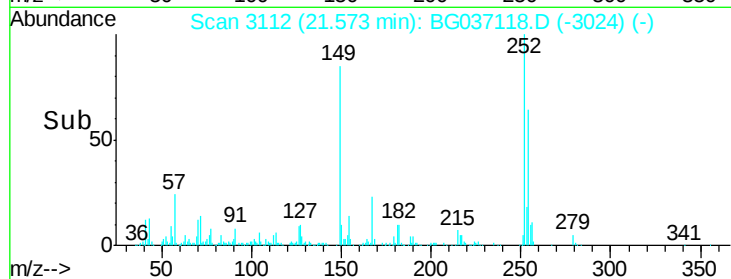
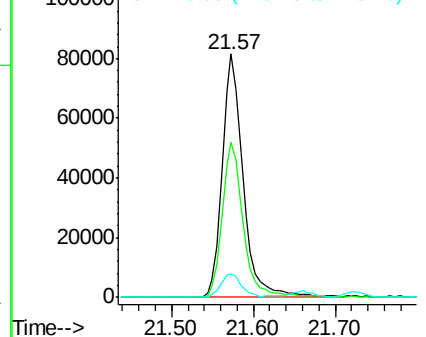


#81  
 3,3'-Dichlorobenzidine  
 Concen: 22.351 ng  
 RT: 21.57 min Scan# 3112  
 Delta R.T. -0.01 min  
 Lab File: BG037118.D  
 Acq: 2 Oct 2018 23:49

Tgt Ion: 252 Resp: 145660  
 Ion Ratio Lower Upper  
 252 100  
 254 63.8 51.0 76.4  
 126 9.5 7.4 11.0

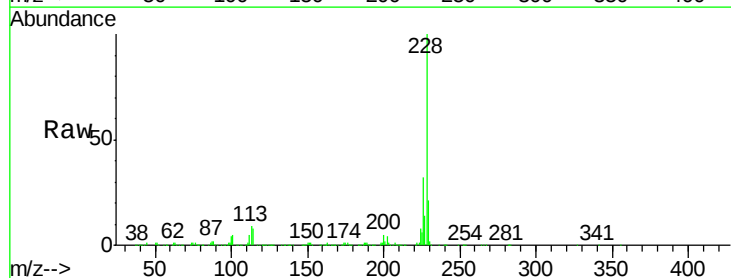


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

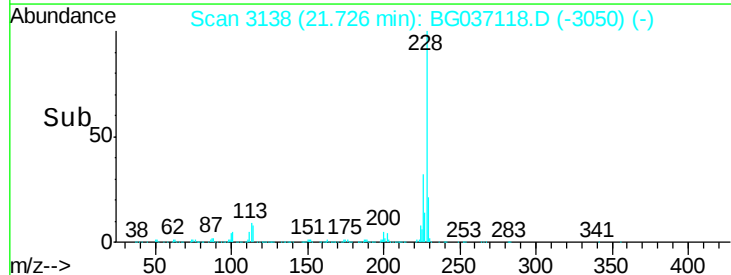
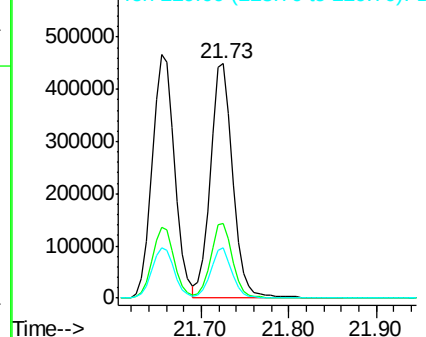


#82  
 Chrysene  
 Concen: 48.187 ng  
 RT: 21.73 min Scan# 3138  
 Delta R.T. -0.01 min  
 Lab File: BG037118.D  
 Acq: 2 Oct 2018 23:49

Tgt Ion: 228 Resp: 797122  
 Ion Ratio Lower Upper  
 228 100  
 226 32.0 25.5 38.3  
 229 21.4 16.9 25.3



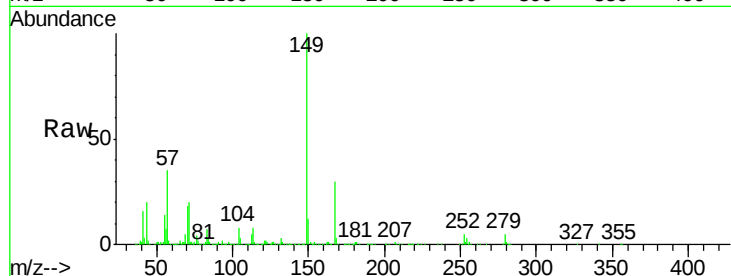
Abundance Ion 228.00 (227.70 to 228.70): E  
 Ion 226.00 (225.70 to 226.70): E  
 Ion 229.00 (228.70 to 229.70): E



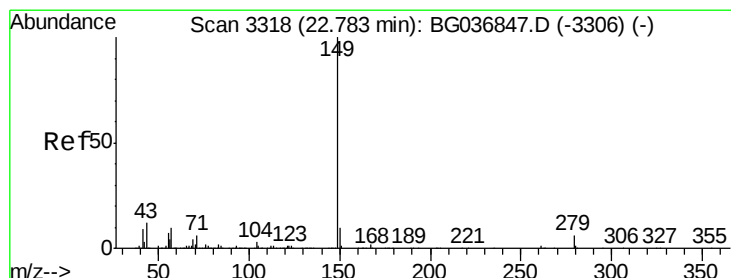
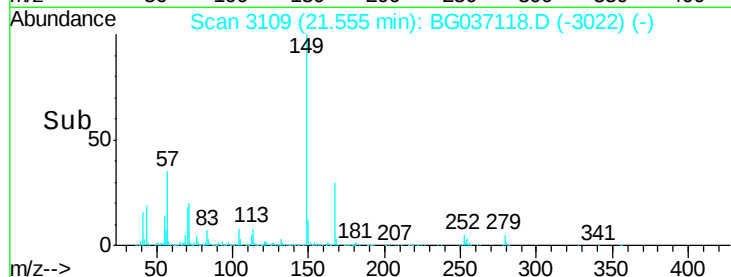
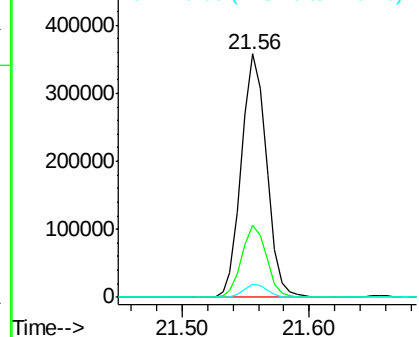


#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 50.063 ng  
 RT: 21.56 min Scan# 3109  
 Delta R.T. -0.02 min  
 Lab File: BG037118.D  
 Acq: 2 Oct 2018 23:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 29.6  | 23.4  | 35.0  |
| 279     | 5.2   | 4.6   | 7.0   |

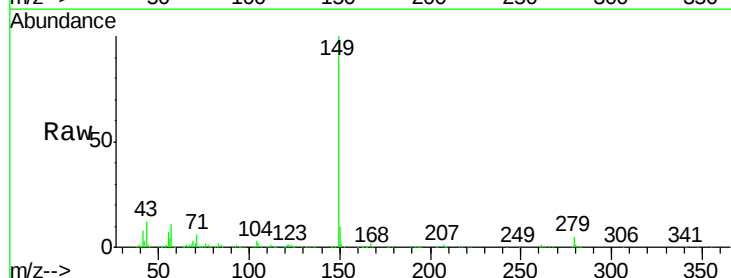


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

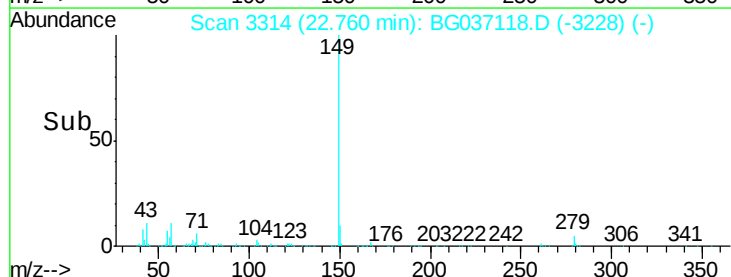
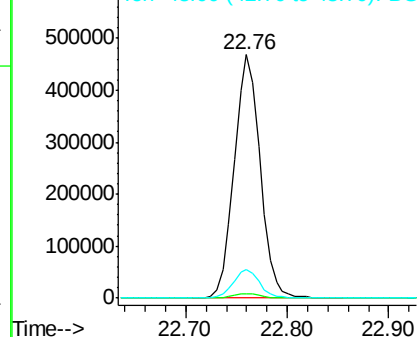


#84  
 Di-n-octyl phthalate  
 Concen: 51.313 ng  
 RT: 22.76 min Scan# 3314  
 Delta R.T. -0.02 min  
 Lab File: BG037118.D  
 Acq: 2 Oct 2018 23:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.7   | 1.3   | 1.9   |
| 43      | 11.6  | 10.0  | 15.0  |



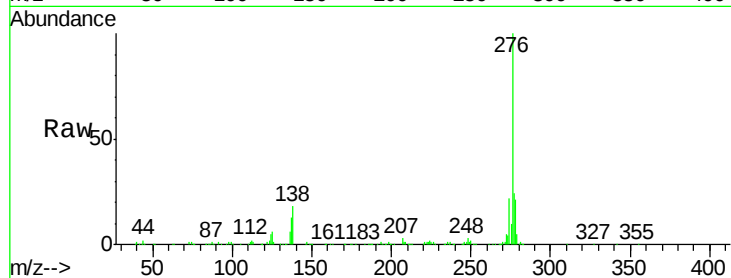
Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 43.00 (42.70 to 43.70): BG



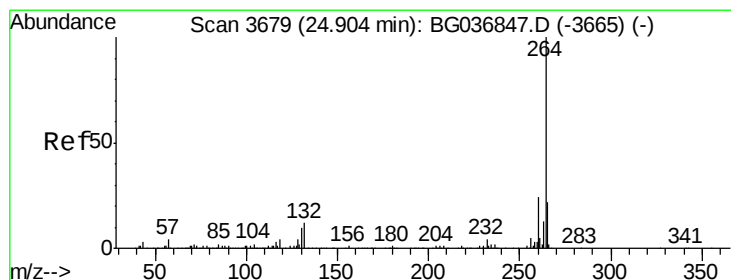
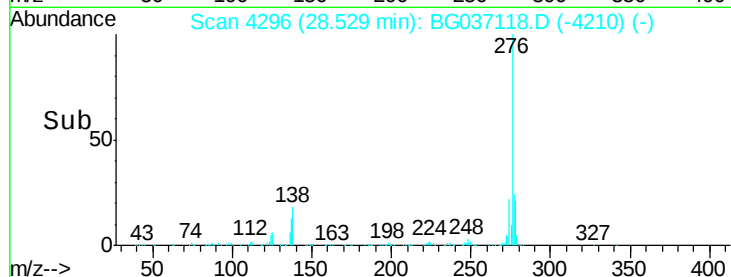
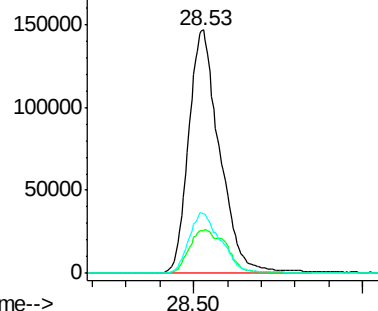


#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 52.551 ng  
 RT: 28.53 min Scan# 4296  
 Delta R.T. -0.02 min  
 Lab File: BG037118.D  
 Acq: 2 Oct 2018 23:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 21.2  | 10.6  | 15.8  |
| 277     | 25.3  | 20.6  | 30.8  |

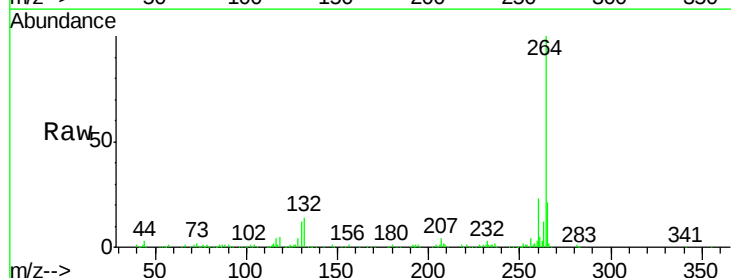


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

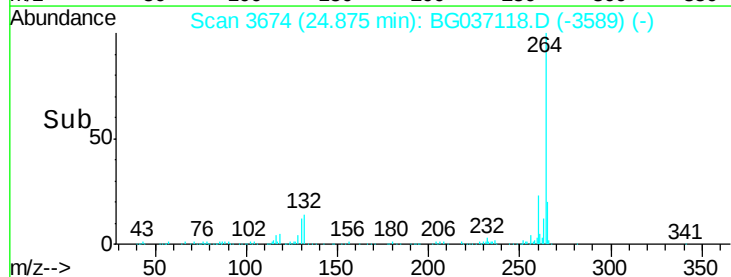
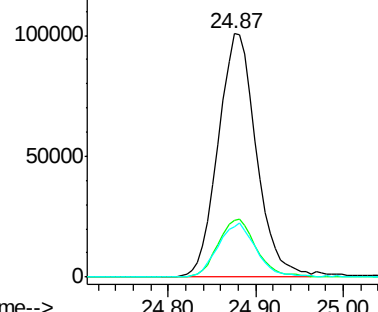


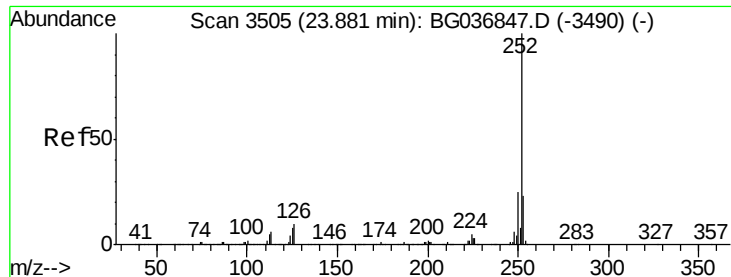
#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.87 min Scan# 3674  
 Delta R.T. -0.03 min  
 Lab File: BG037118.D  
 Acq: 2 Oct 2018 23:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.5  | 19.6  | 29.4  |
| 265     | 20.5  | 17.4  | 26.0  |



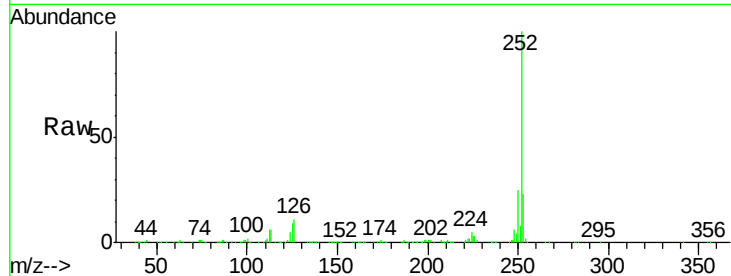
Abundance Ion 264.00 (263.70 to 264.70): E  
 Ion 260.00 (259.70 to 260.70): E  
 Ion 265.00 (264.70 to 265.70): E



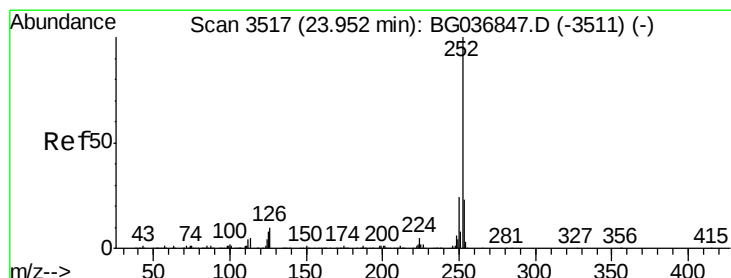
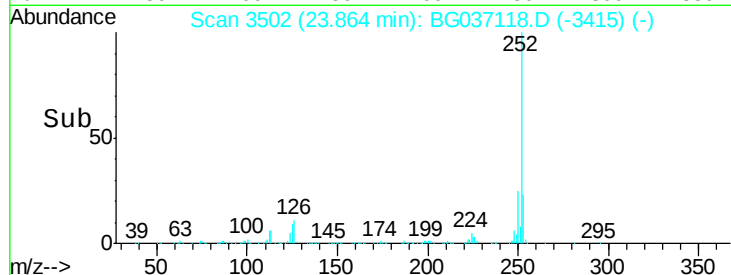
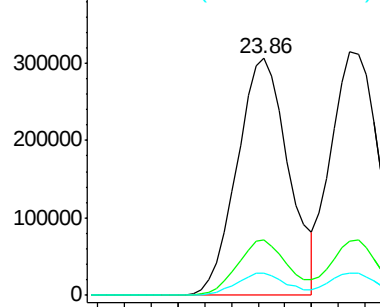


#87  
Benzo(b)fluoranthene  
Concen: 51.341 ng  
RT: 23.86 min Scan# 3502  
Delta R.T. -0.02 min  
Lab File: BG037118.D  
Acq: 2 Oct 2018 23:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 820600 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 253      | 23.3  | 17.1  | 25.7   |
| 125      | 9.2   | 6.6   | 10.0   |

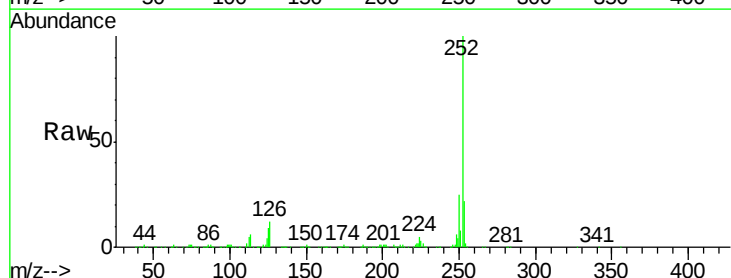


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

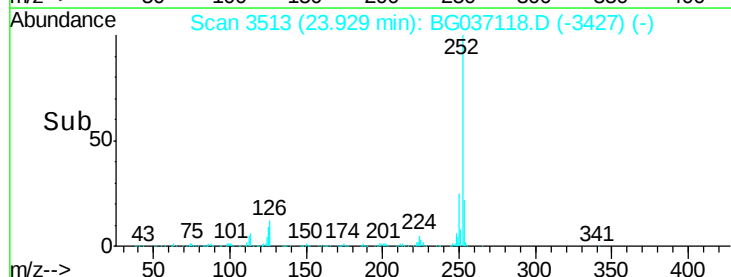
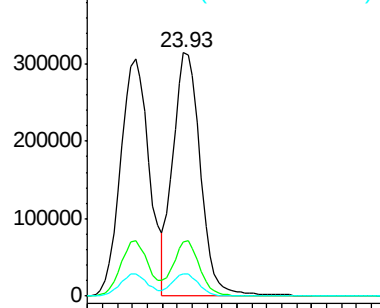


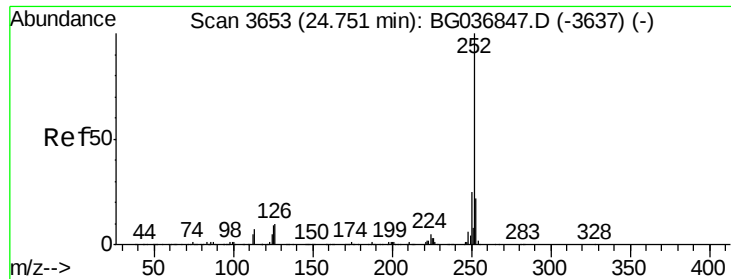
#88  
Benzo(k)fluoranthene  
Concen: 49.847 ng  
RT: 23.93 min Scan# 3513  
Delta R.T. -0.02 min  
Lab File: BG037118.D  
Acq: 2 Oct 2018 23:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 799324 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 253      | 22.0  | 18.0  | 27.0   |
| 125      | 9.1   | 7.0   | 10.6   |



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(a)pyrene

Concen: 51.839 ng

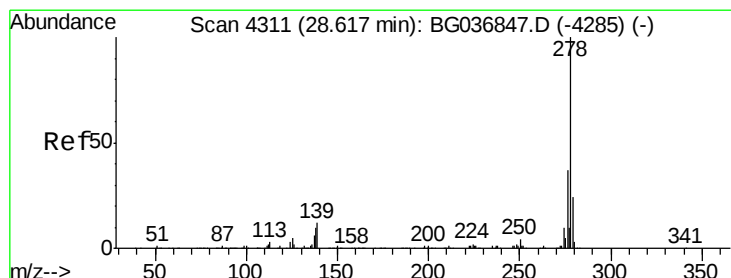
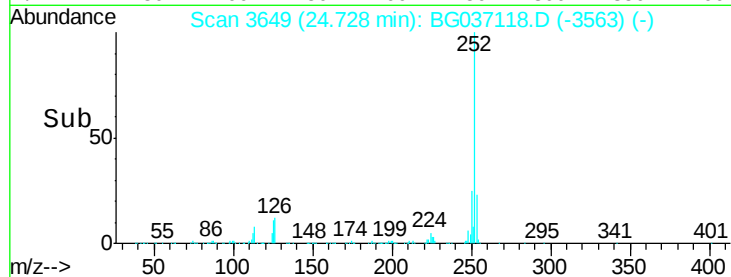
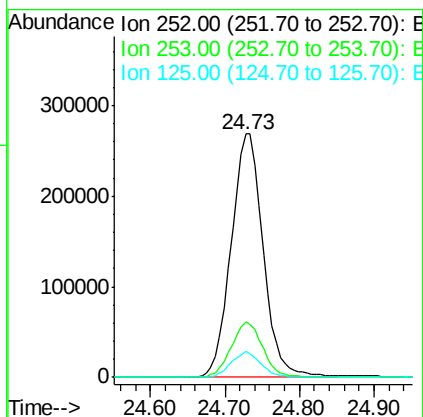
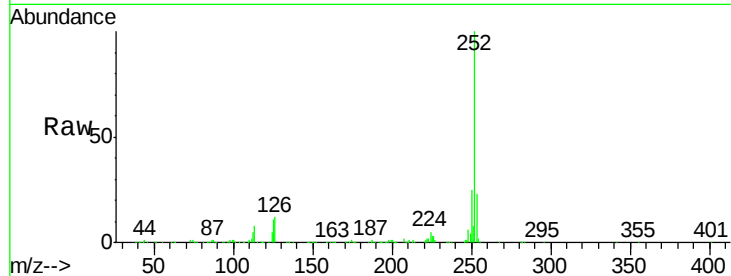
RT: 24.73 min Scan# 3649

Delta R.T. -0.02 min

Lab File: BG037118.D

Acq: 2 Oct 2018 23:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 801037 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 253      | 23.0  | 18.2  | 27.2   |
| 125      | 10.5  | 7.3   | 10.9   |



#90

Dibenzo(a,h)anthracene

Concen: 51.828 ng

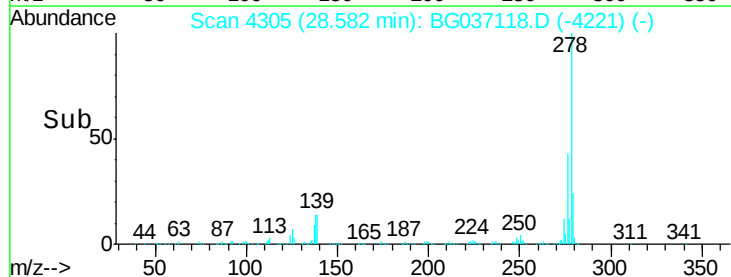
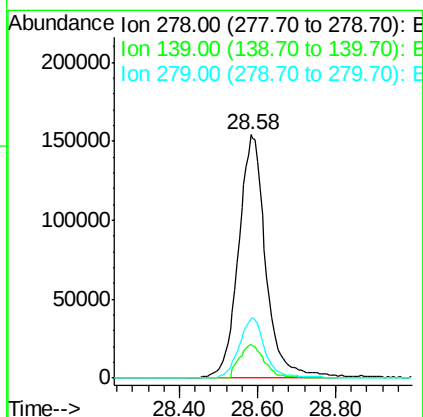
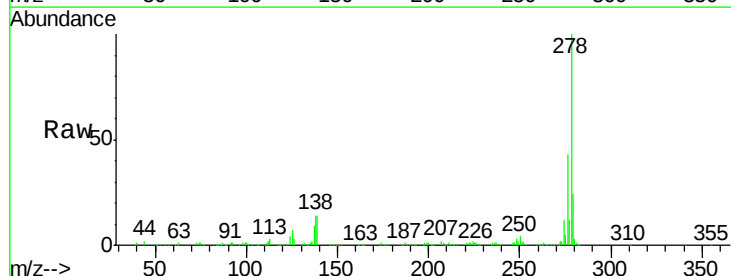
RT: 28.58 min Scan# 4305

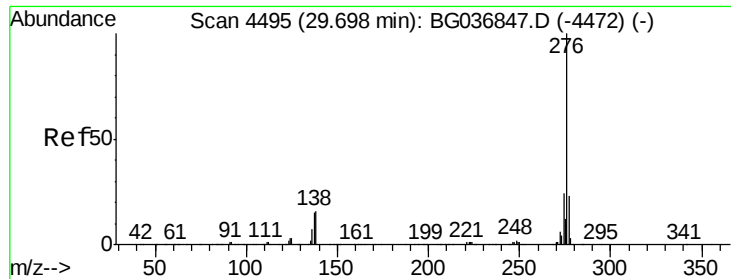
Delta R.T. -0.03 min

Lab File: BG037118.D

Acq: 2 Oct 2018 23:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 278   | Resp: | 750581 |
| Ion      | Ratio | Lower | Upper  |
| 278      | 100   |       |        |
| 139      | 13.9  | 11.0  | 16.4   |
| 279      | 24.4  | 18.7  | 28.1   |





#91

Benzo(g,h,i)perylene

Concen: 52.784 ng

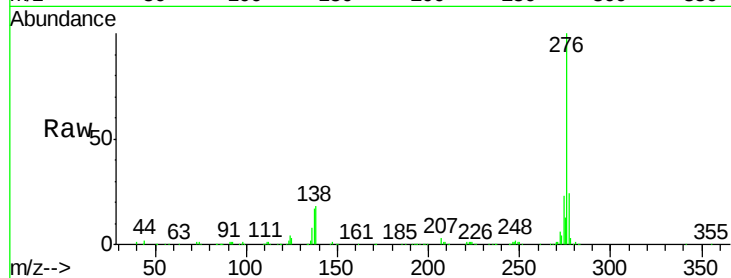
RT: 29.66 min Scan# 4489

Delta R.T. -0.03 min

Lab File: BG037118.D

Acq: 2 Oct 2018 23:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 276   | Resp: | 767179 |
| Ion      | Ratio | Lower | Upper  |
| 276      | 100   |       |        |
| 277      | 23.9  | 18.4  | 27.6   |
| 138      | 18.3  | 14.6  | 22.0   |



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

