

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG081415\  
 Data File : BG018438.D  
 Acq On : 14 Aug 2015 21:11  
 Operator : UM/MA  
 Sample : MDL-04-W  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 17 04:03:08 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG080915.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 17 03:15:20 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.02  | 152  | 89315    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.82 | 136  | 394775   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.64 | 164  | 251963   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.39 | 188  | 629210   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.65 | 240  | 625600   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.85 | 264  | 615775   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.45  | 96  | 13542   | 6.70  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.17  | 99  | 273438  | 33.73 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.34  | 67  | 174033  | 34.64 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.55  | 132 | 205104  | 33.04 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.72  | 113 | 229258  | 33.66 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.17  | 128 | 112259  | 36.48 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.90  | 143 | 117355  | 37.44 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.44 | 165 | 221384  | 33.28 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.95 | 131 | 320541  | 42.64 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.05 | 166 | 773465  | 36.48 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.34 | 160 | 941833  | 35.28 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.83 | 143 | 153394  | 40.23 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.64 | 176 | 678797  | 36.76 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.74 | 200 | 117779  | 38.06 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.49 | 188 | 1097960 | 36.49 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.77 | 212 | 1189797 | 36.66 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.63 | 264 | 1233858 | 37.74 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |       |             | Qvalue |
|--------------------------------|-------|-----|-------|-------------|--------|
| 2) 1,4-Dioxane                 | 3.48  | 88  | 1674  | 0.77 ng/uL  | 95     |
| 4) Benzaldehyde                | 7.15  | 77  | 16930 | 3.56 ng/ul  | 91     |
| 6) Phenol                      | 7.20  | 94  | 23461 | 2.84 ng/ul  | 98     |
| 8) Bis(2-Chloroethyl)ether     | 7.43  | 93  | 19656 | 3.09 ng/ul  | 98     |
| 10) 2-Chlorophenol             | 7.58  | 128 | 18073 | 2.86 ng/ul  | 93     |
| 11) 2-Methylphenol             | 8.46  | 108 | 17513 | 2.73 ng/ul  | 93     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.55  | 45  | 25049 | 2.45 ng/ul# | 92     |
| 14) Acetophenone               | 8.83  | 105 | 29859 | 3.04 ng/ul  | 94     |
| 15) N-Nitroso-di-n-propylamine | 8.81  | 70  | 16937 | 3.00 ng/ul# | 85     |
| 16) 4-Methylphenol             | 8.78  | 108 | 20023 | 2.86 ng/ul  | 97     |
| 17) Hexachloroethane           | 9.10  | 117 | 7212  | 2.64 ng/ul  | 93     |
| 20) Nitrobenzene               | 9.22  | 77  | 22260 | 2.87 ng/ul# | 90     |
| 21) Isophorone                 | 9.74  | 82  | 47640 | 3.19 ng/ul# | 94     |
| 23) 2-Nitrophenol              | 9.93  | 139 | 11478 | 3.30 ng/ul  | 94     |
| 24) 2,4-Dimethylphenol         | 9.98  | 107 | 20910 | 2.68 ng/ul  | 97     |
| 25) Bis(2-Chloroethoxy)methane | 10.22 | 93  | 27694 | 2.97 ng/ul  | 97     |
| 27) 2,4-Dichlorophenol         | 10.46 | 162 | 18150 | 2.91 ng/ul  | 92     |
| 28) Naphthalene                | 10.87 | 128 | 61979 | 2.97 ng/ul  | 98     |
| 30) 4-Chloroaniline            | 10.98 | 127 | 29042 | 3.80 ng/ul# | 77     |
| 31) Hexachlorobutadiene        | 11.16 | 225 | 11432 | 2.90 ng/ul  | 88     |
| 32) Caprolactam                | 11.75 | 113 | 7228m | 2.88 ng/ul  |        |
| 33) 4-Chloro-3-methylphenol    | 12.10 | 107 | 23376 | 3.24 ng/ul# | 93     |
| 34) 2-Methylnaphthalene        | 12.47 | 142 | 46832 | 3.10 ng/ul  | 88     |

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG081415\  
 Data File : BG018438.D  
 Acq On : 14 Aug 2015 21:11  
 Operator : UM/MA  
 Sample : MDL-04-W  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

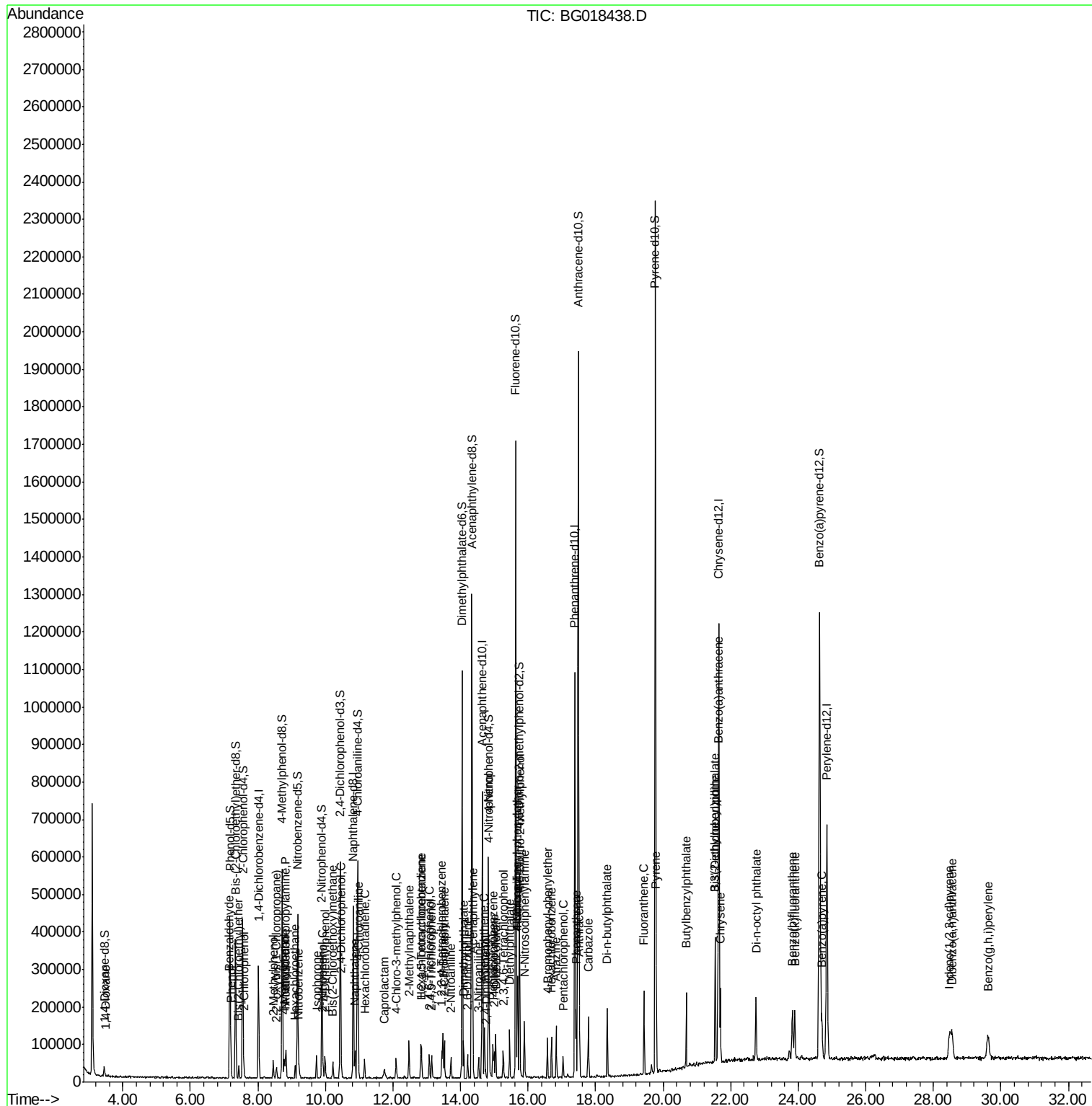
Quant Time: Aug 17 04:03:08 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG080915.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 17 03:15:20 2015  
 Response via : Initial Calibration

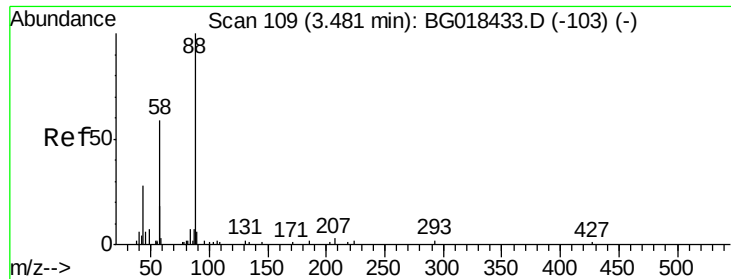
| Internal Standards             | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|------|--------|----------|
| 37) 1,2,4,5-Tetrachlorobenzene | 12.84 | 216  | 25288    | 3.13 | ng/ul  | 97       |
| 38) Hexachlorocyclopentadiene  | 12.83 | 237  | 11860    | 2.47 | ng/ul# | 70       |
| 39) 2,4,6-Trichlorophenol      | 13.08 | 196  | 14990    | 2.72 | ng/ul  | 96       |
| 40) 2,4,5-Trichlorophenol      | 13.14 | 196  | 15687    | 2.65 | ng/ul  | 96       |
| 41) 1,1'-Biphenyl              | 13.48 | 154  | 63650    | 3.03 | ng/ul  | 93       |
| 42) 2-Chloronaphthalene        | 13.52 | 162  | 50118    | 3.07 | ng/ul  | 98       |
| 43) 2-Nitroaniline             | 13.71 | 65   | 15351    | 2.91 | ng/ul  | 98       |
| 45) Dimethylphthalate          | 14.09 | 163  | 63850    | 3.05 | ng/ul  | 96       |
| 46) 2,6-Dinitrotoluene         | 14.21 | 165  | 12153    | 2.92 | ng/ul  | 88       |
| 48) Acenaphthylene             | 14.37 | 152  | 82991    | 3.10 | ng/ul  | 98       |
| 49) 3-Nitroaniline             | 14.54 | 138  | 14961m   | 3.52 | ng/ul  |          |
| 50) Acenaphthene               | 14.71 | 153  | 56591    | 3.01 | ng/ul  | 96       |
| 51) 2,4-Dinitrophenol          | 14.75 | 184  | 4384     | 2.16 | ng/ul# | 73       |
| 53) 4-Nitrophenol              | 14.84 | 109  | 10542    | 3.18 | ng/ul# | 82       |
| 54) Dibenzofuran               | 15.04 | 168  | 78777    | 3.21 | ng/ul  | 94       |
| 55) 2,4-Dinitrotoluene         | 14.99 | 165  | 17627    | 2.97 | ng/ul# | 97       |
| 56) 2,3,4,6-Tetrachlorophenol  | 15.26 | 232  | 15281    | 2.96 | ng/ul# | 96       |
| 57) Diethylphthalate           | 15.45 | 149  | 72780    | 3.28 | ng/ul  | 99       |
| 59) Fluorene                   | 15.69 | 166  | 66155    | 3.13 | ng/ul  | 94       |
| 60) 4-Chlorophenyl-phenylether | 15.68 | 204  | 31438    | 3.15 | ng/ul  | 98       |
| 61) 4-Nitroaniline             | 15.69 | 138  | 15358    | 3.27 | ng/ul  | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 15.76 | 198  | 10592    | 3.21 | ng/ul# | 63       |
| 65) N-Nitrosodiphenylamine     | 15.89 | 169  | 58335    | 3.08 | ng/ul  | 95       |
| 66) 4-Bromophenyl-phenylether  | 16.58 | 248  | 19728    | 2.90 | ng/ul  | 95       |
| 67) Hexachlorobenzene          | 16.69 | 284  | 22633    | 3.15 | ng/ul  | 94       |
| 68) Atrazine                   | 16.83 | 200  | 22815    | 3.22 | ng/ul  | 98       |
| 69) Pentachlorophenol          | 17.04 | 266  | 10952    | 2.27 | ng/ul# | 87       |
| 70) Phenanthrene               | 17.43 | 178  | 114957   | 3.37 | ng/ul  | 95       |
| 72) Anthracene                 | 17.52 | 178  | 115560   | 3.32 | ng/ul  | 96       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.45 | 216  | 23287    | 2.67 | ng/uL  | 95       |
| 74) Pentachlorobenzene         | 14.97 | 250  | 23664    | 2.85 | ng/uL  | 91       |
| 75) Carbazole                  | 17.79 | 167  | 105998   | 3.47 | ng/ul  | 96       |
| 76) Di-n-butylphthalate        | 18.34 | 149  | 134117   | 3.37 | ng/ul# | 98       |
| 77) Fluoranthene               | 19.43 | 202  | 135442   | 3.71 | ng/ul  | 99       |
| 80) Pyrene                     | 19.79 | 202  | 143375   | 3.39 | ng/ul  | 96       |
| 81) Butylbenzylphthalate       | 20.68 | 149  | 57477    | 3.21 | ng/ul  | 95       |
| 82) 3,3'-Dichlorobenzidine     | 21.54 | 252  | 47717    | 3.67 | ng/ul  | 93       |
| 83) Benzo(a)anthracene         | 21.63 | 228  | 127898   | 3.30 | ng/ul  | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.54 | 149  | 83725    | 3.31 | ng/ul  | 98       |
| 85) Chrysene                   | 21.69 | 228  | 121779   | 3.36 | ng/ul  | 94       |
| 87) Di-n-octyl phthalate       | 22.75 | 149  | 142266   | 3.58 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 23.83 | 252  | 122800m  | 3.17 | ng/ul  |          |
| 89) Benzo(k)fluoranthene       | 23.90 | 252  | 117920   | 3.17 | ng/ul  | 99       |
| 91) Benzo(a)pyrene             | 24.70 | 252  | 116794   | 3.18 | ng/ul  | 97       |
| 92) Indeno(1,2,3-cd)pyrene     | 28.48 | 276  | 132553m  | 3.11 | ng/ul  |          |
| 93) Dibenzo(a,h)anthracene     | 28.55 | 278  | 109251   | 3.09 | ng/ul  | 96       |
| 94) Benzo(g,h,i)perylene       | 29.62 | 276  | 108276m  | 3.03 | ng/ul  |          |

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

```
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081415\  
Data File : BG018438.D  
Acq On    : 14 Aug 2015   21:11  
Operator  : UM/MA  
Sample    : MDL-04-W  
Misc      :  
ALS Vial  : 7      Sample Multiplier: 1
```

Quant Time: Aug 17 04:03:08 2015  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG080915.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Aug 17 03:15:20 2015  
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 0.77 ng/uL

RT: 3.48 min Scan# 110

Delta R.T. 0.00 min

Lab File: BG018438.D

Acq: 14 Aug 2015 21:11

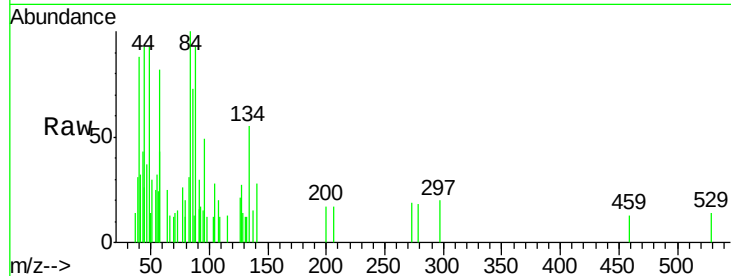
Tgt Ion: 88 Resp: 1674

Ion Ratio Lower Upper

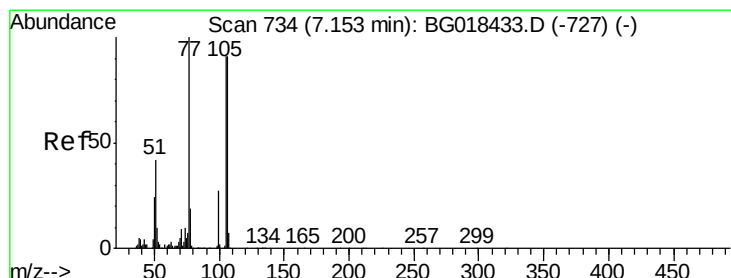
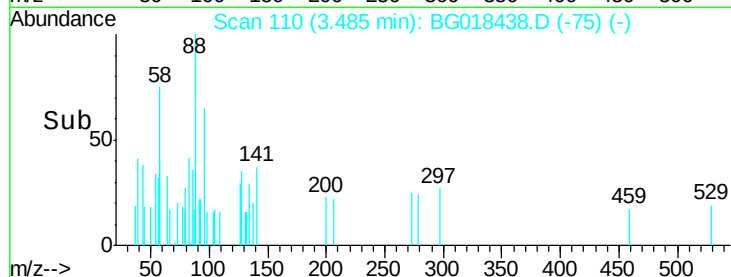
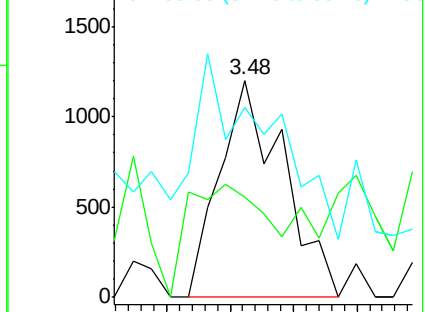
88 100

43 46.3 33.0 49.4

58 87.8 73.4 110.0



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



#4

Benzaldehyde

Concen: 3.56 ng/uL

RT: 7.15 min Scan# 734

Delta R.T. -0.00 min

Lab File: BG018438.D

Acq: 14 Aug 2015 21:11

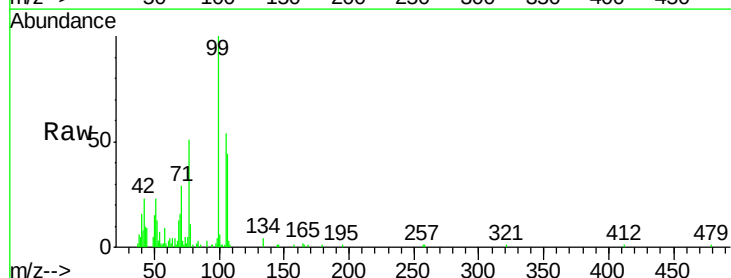
Tgt Ion: 77 Resp: 16930

Ion Ratio Lower Upper

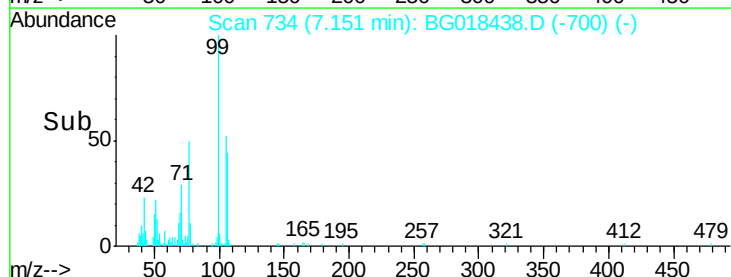
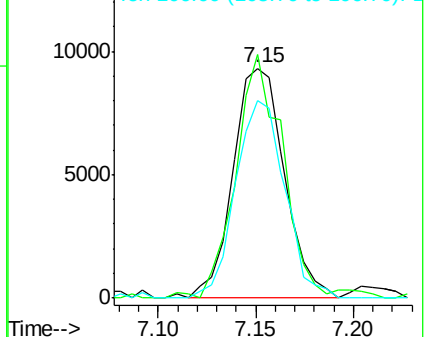
77 100

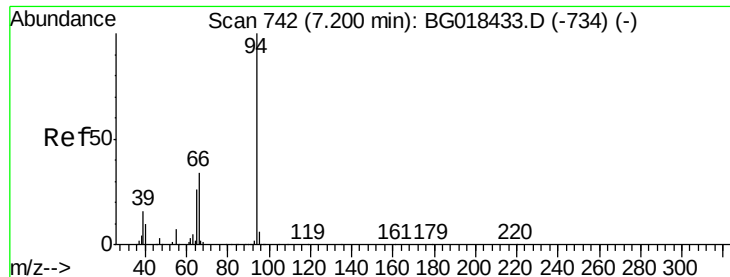
105 105.9 78.2 117.2

106 85.6 76.8 115.2



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





#6

Phenol

Concen: 2.84 ng/ul

RT: 7.20 min Scan# 743

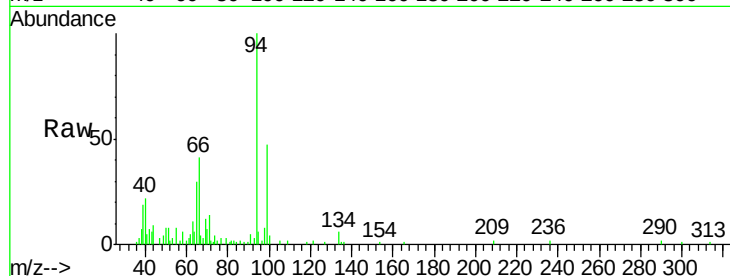
Delta R.T. 0.00 min

Lab File: BG018438.D

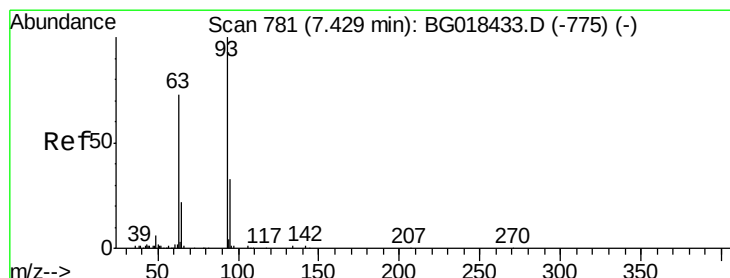
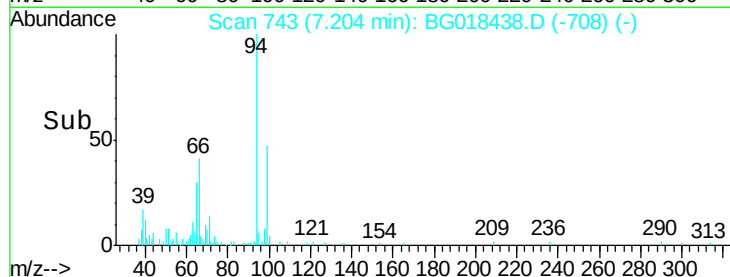
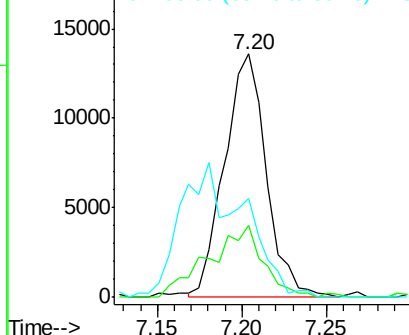
Acq: 14 Aug 2015 21:11

Tgt Ion: 94 Resp: 23461

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 29.7  | 23.0  | 34.6  |
| 66  | 40.6  | 31.0  | 46.4  |



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



#8

Bis(2-Chloroethyl)ether

Concen: 3.09 ng/ul

RT: 7.43 min Scan# 781

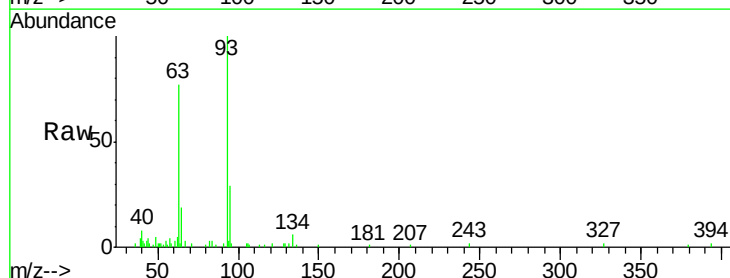
Delta R.T. -0.00 min

Lab File: BG018438.D

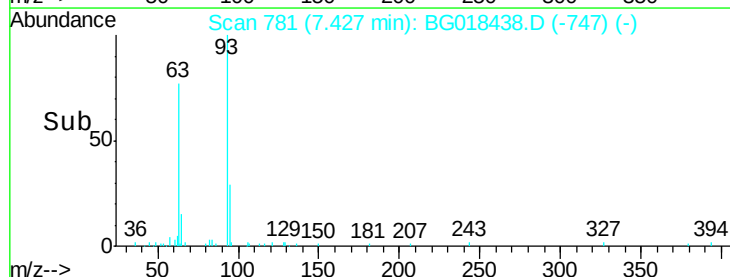
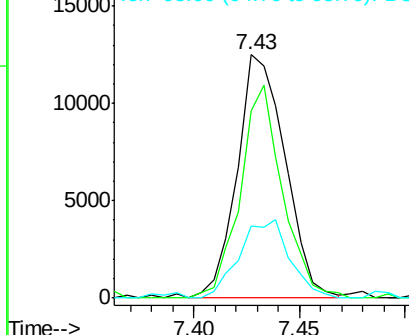
Acq: 14 Aug 2015 21:11

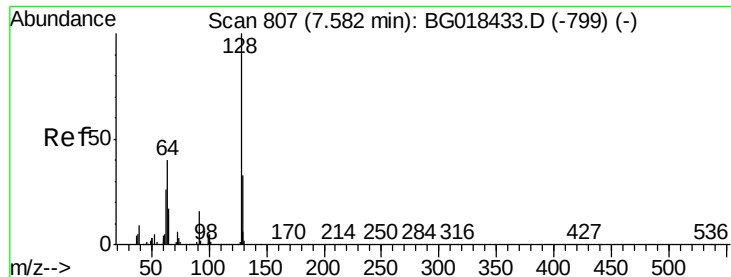
Tgt Ion: 93 Resp: 19656

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 77.1  | 61.4  | 92.2  |
| 95  | 29.4  | 25.9  | 38.9  |



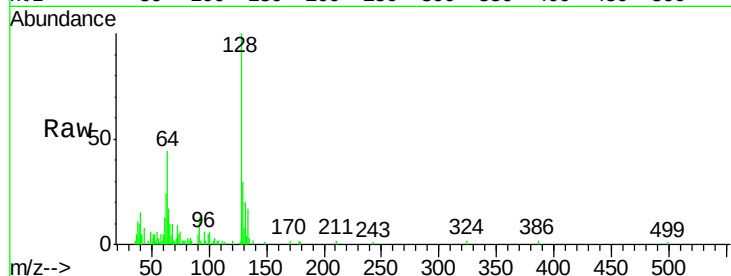
Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC



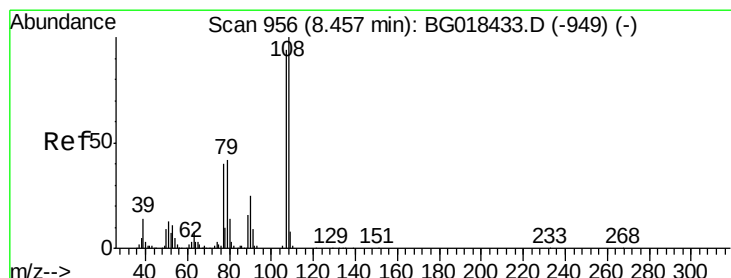
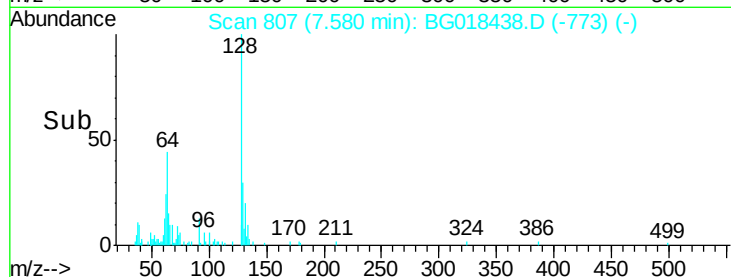
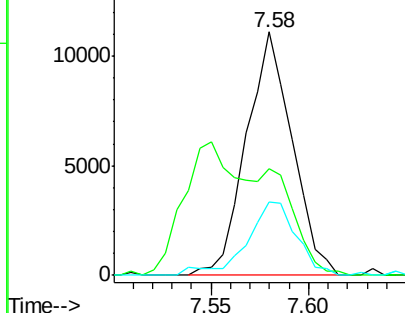


#10  
2-Chlorophenol  
Concen: 2.86 ng/ul  
RT: 7.58 min Scan# 807  
Delta R.T. -0.00 min  
Lab File: BG018438.D  
Acq: 14 Aug 2015 21:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 18073 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 64       | 43.7  | 40.9  | 61.3  |
| 130      | 30.2  | 24.5  | 36.7  |

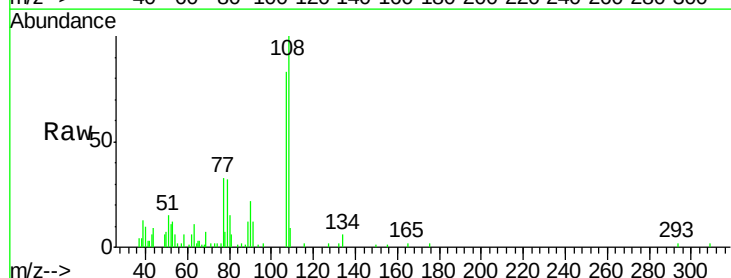


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 64.00 (63.70 to 64.70): BG  
Ion 130.00 (129.70 to 130.70): E

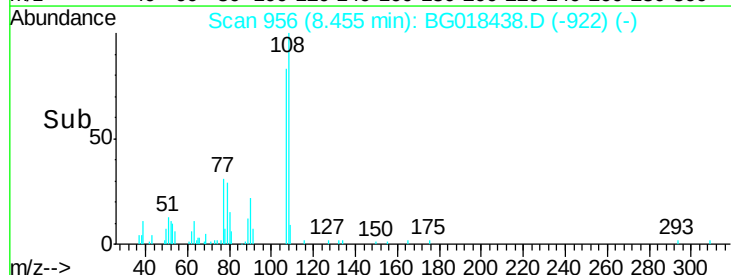
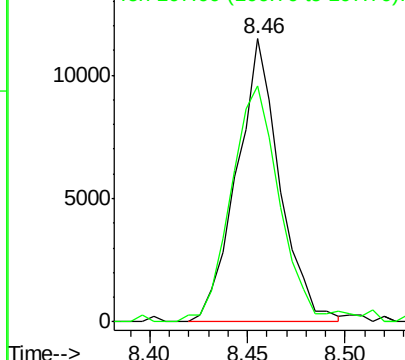


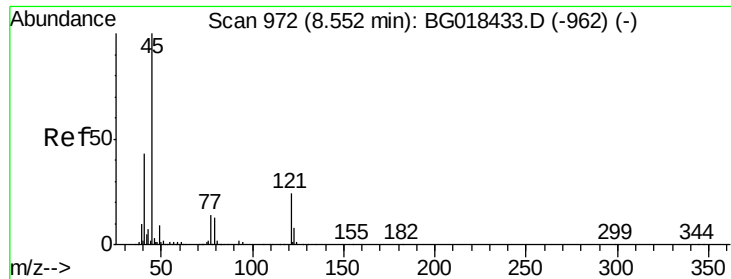
#11  
2-Methylphenol  
Concen: 2.73 ng/ul  
RT: 8.46 min Scan# 956  
Delta R.T. -0.00 min  
Lab File: BG018438.D  
Acq: 14 Aug 2015 21:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 108   | Resp: | 17513 |
| Ion      | Ratio | Lower | Upper |
| 108      | 100   |       |       |
| 107      | 83.5  | 72.1  | 108.1 |



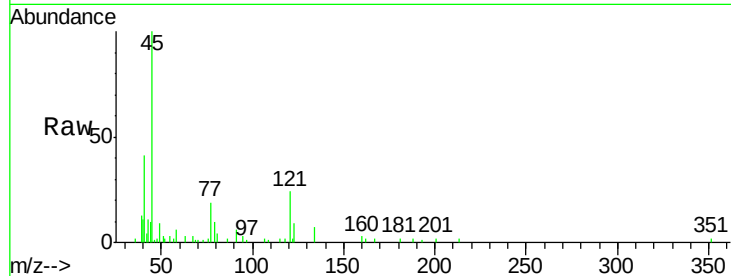
Abundance Ion 108.00 (107.70 to 108.70): E  
Ion 107.00 (106.70 to 107.70): E



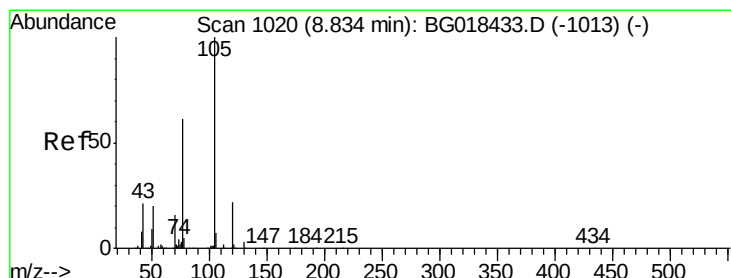
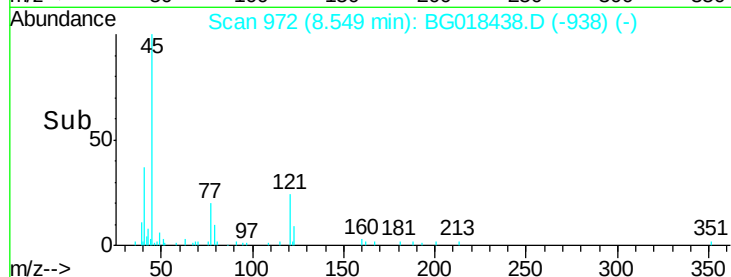
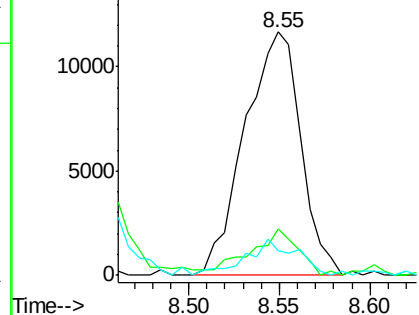


#12  
 2,2'-oxybis(1-Chloropropane)  
 Concen: 2.45 ng/ul  
 RT: 8.55 min Scan# 972  
 Delta R.T. -0.00 min  
 Lab File: BG018438.D  
 Acq: 14 Aug 2015 21:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 19.3  | 11.3  | 16.9# |
| 79      | 10.3  | 7.8   | 11.8  |

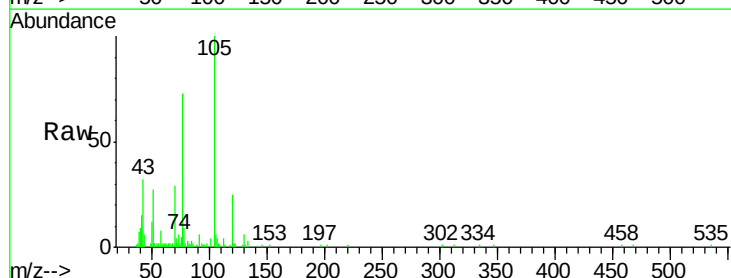


Abundance Ion 45.00 (44.70 to 45.70): BGC  
 Ion 77.00 (76.70 to 77.70): BGC  
 Ion 79.00 (78.70 to 79.70): BGC

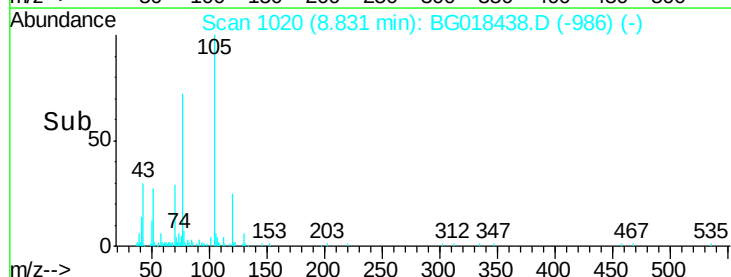
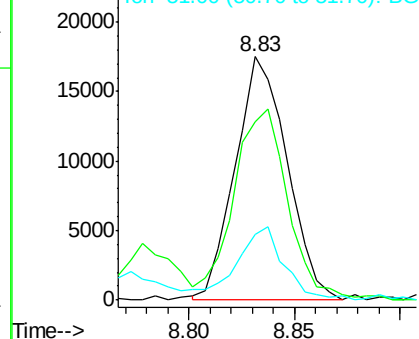


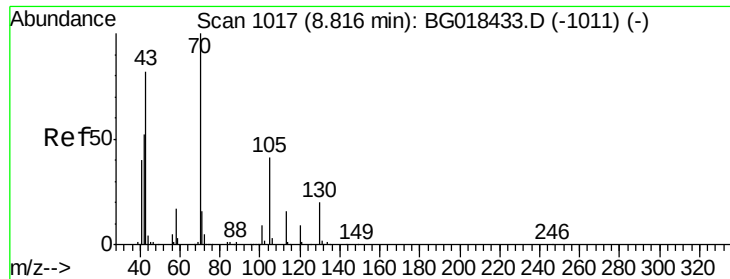
#14  
 Acetophenone  
 Concen: 3.04 ng/ul  
 RT: 8.83 min Scan# 1020  
 Delta R.T. -0.00 min  
 Lab File: BG018438.D  
 Acq: 14 Aug 2015 21:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 77      | 73.5  | 61.9  | 92.9  |
| 51      | 27.2  | 25.5  | 38.3  |



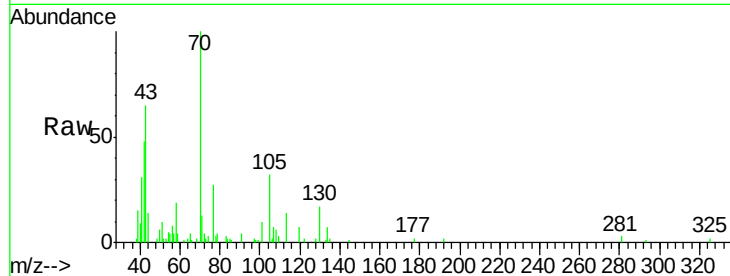
Abundance Ion 105.00 (104.70 to 105.70): E  
 Ion 77.00 (76.70 to 77.70): BGC  
 Ion 51.00 (50.70 to 51.70): BGC



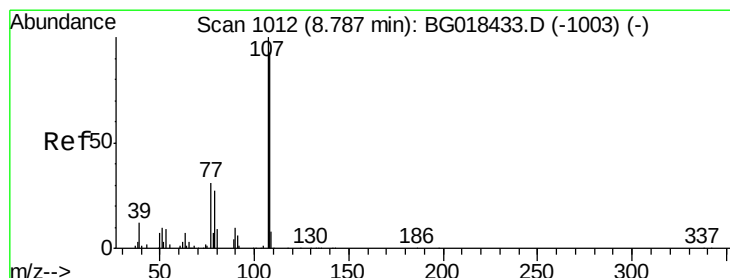
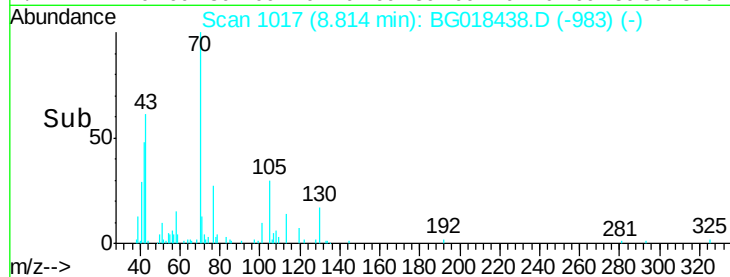
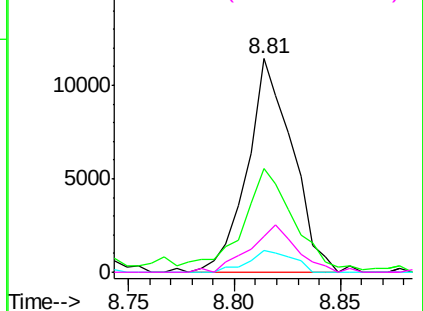


#15  
N-Nitroso-di-n-propylamine  
Concen: 3.00 ng/ul  
RT: 8.81 min Scan# 1017  
Delta R.T. -0.00 min  
Lab File: BG018438.D  
Acq: 14 Aug 2015 21:11

Tgt Ion: 70 Resp: 16937  
Ion Ratio Lower Upper  
70 100  
42 48.4 50.7 76.1#  
101 10.2 7.4 11.2  
130 16.9 15.8 23.6

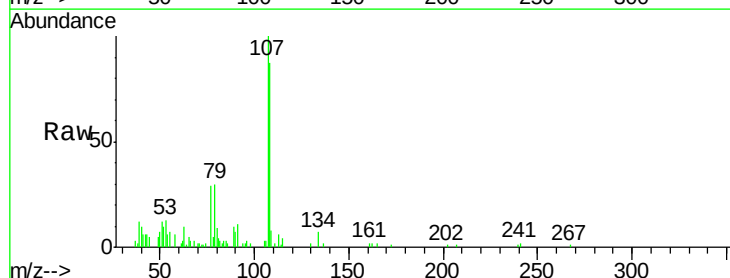


Abundance Ion 70.00 (69.70 to 70.70): BG018438.D (-983) (-)  
Ion 42.00 (41.70 to 42.70): BG018438.D (-983) (-)  
Ion 101.00 (100.70 to 101.70): BG018438.D (-983) (-)  
Ion 130.00 (129.70 to 130.70): BG018438.D (-983) (-)

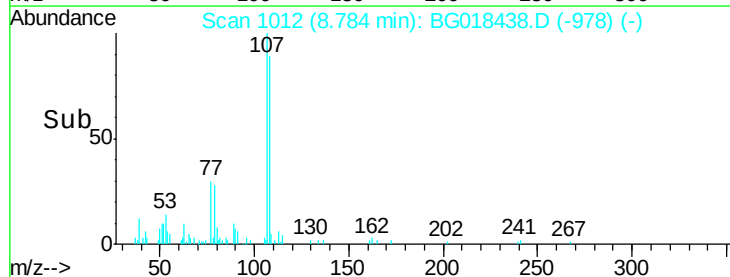
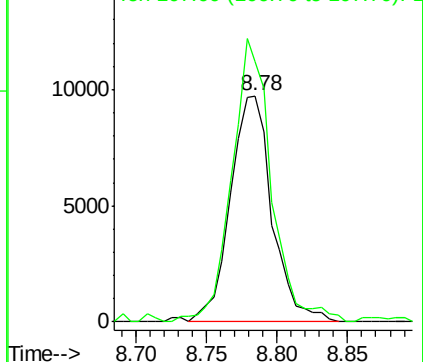


#16  
4-Methylphenol  
Concen: 2.86 ng/ul  
RT: 8.78 min Scan# 1012  
Delta R.T. -0.00 min  
Lab File: BG018438.D  
Acq: 14 Aug 2015 21:11

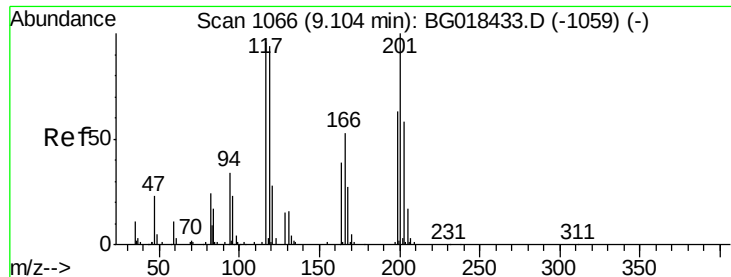
Tgt Ion: 108 Resp: 20023  
Ion Ratio Lower Upper  
108 100  
107 115.0 94.6 142.0



Abundance Ion 108.00 (107.70 to 108.70): BG018438.D (-978) (-)  
Ion 107.00 (106.70 to 107.70): BG018438.D (-978) (-)

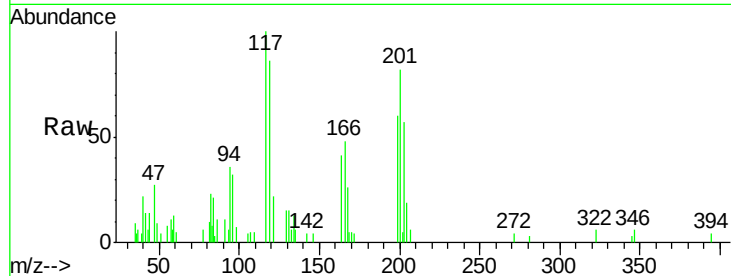




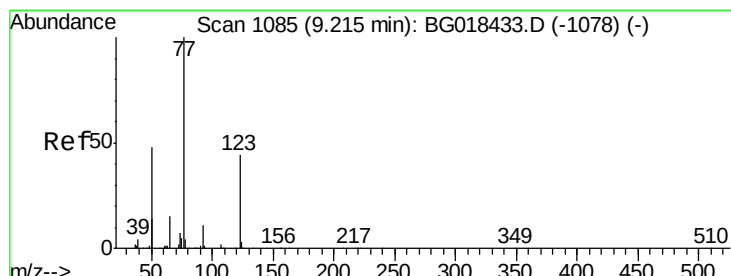
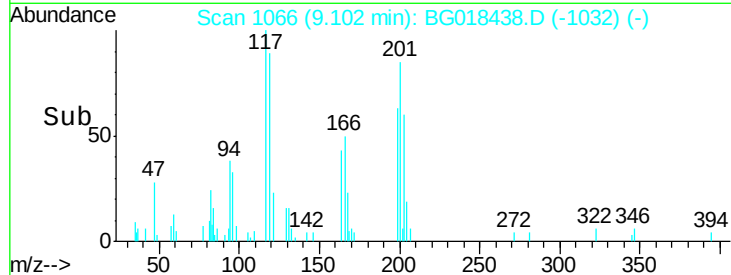
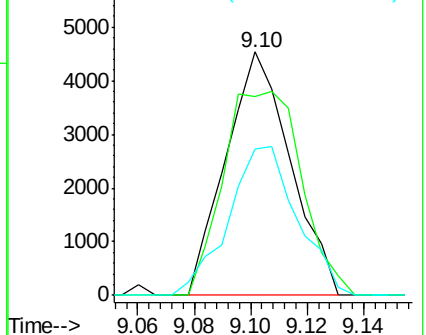


#17  
Hexachloroethane  
Concen: 2.64 ng/ul  
RT: 9.10 min Scan# 1066  
Delta R.T. -0.00 min  
Lab File: BG018438.D  
Acq: 14 Aug 2015 21:11

Tgt Ion: 117 Resp: 7212  
Ion Ratio Lower Upper  
117 100  
201 81.6 73.6 110.4  
199 60.3 48.6 72.8

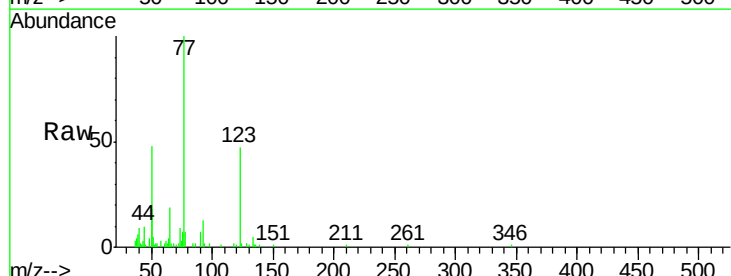


Abundance Ion 117.00 (116.70 to 117.70): B  
Ion 201.00 (200.70 to 201.70): B  
Ion 199.00 (198.70 to 199.70): B

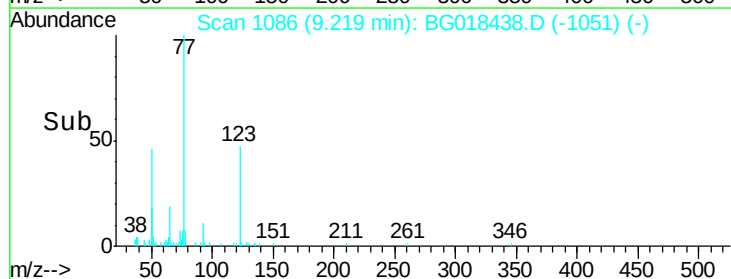
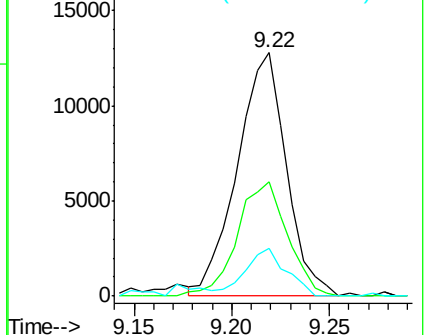


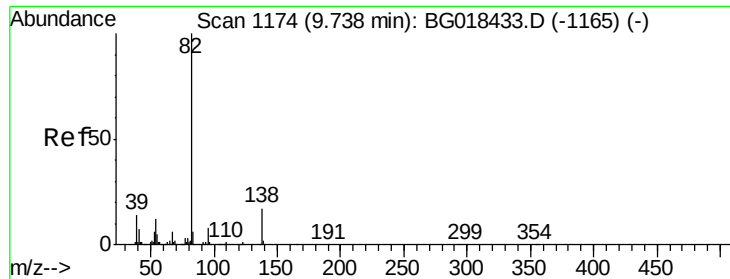
#20  
Nitrobenzene  
Concen: 2.87 ng/ul  
RT: 9.22 min Scan# 1086  
Delta R.T. 0.00 min  
Lab File: BG018438.D  
Acq: 14 Aug 2015 21:11

Tgt Ion: 77 Resp: 22260  
Ion Ratio Lower Upper  
77 100  
123 47.1 32.8 49.2  
65 19.4 12.2 18.2#



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





#21

Isophorone

Concen: 3.19 ng/ul

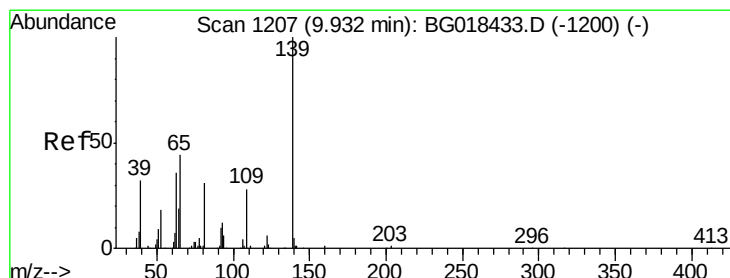
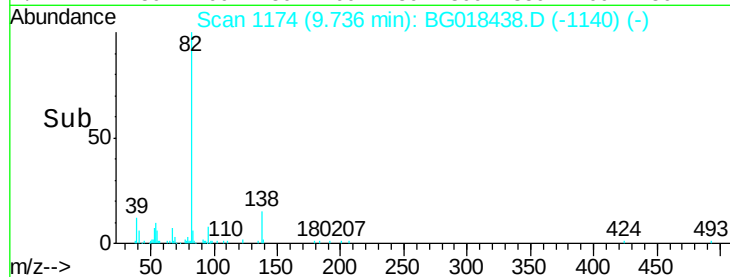
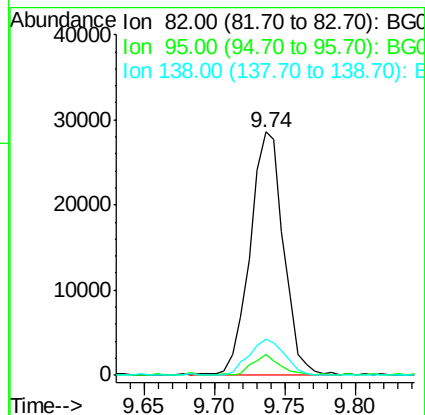
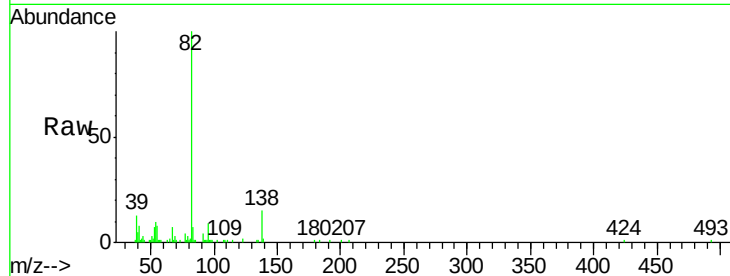
RT: 9.74 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BG018438.D

Acq: 14 Aug 2015 21:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 8.5   | 5.2   | 7.8#  |
| 138     | 15.0  | 13.8  | 20.8  |



#23

2-Nitrophenol

Concen: 3.30 ng/ul

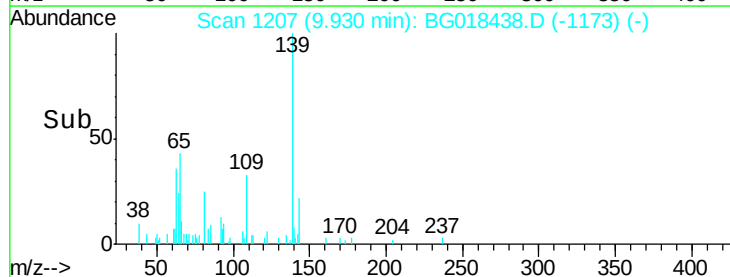
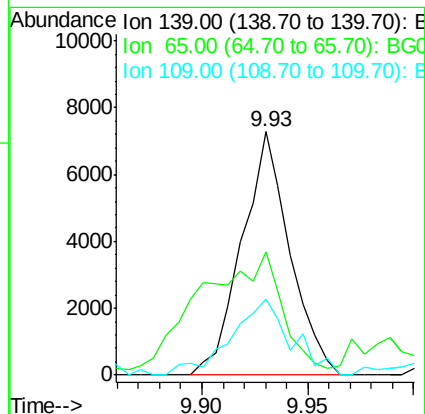
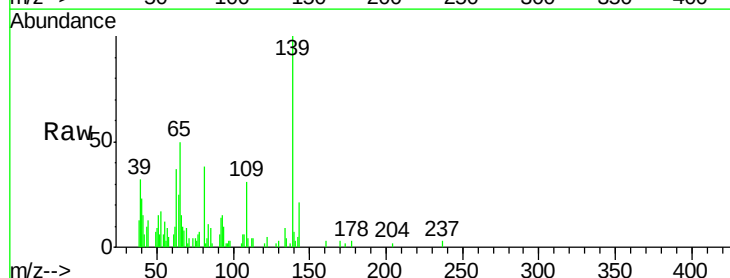
RT: 9.93 min Scan# 1207

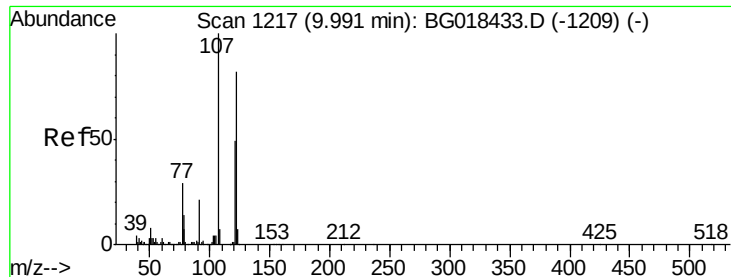
Delta R.T. -0.00 min

Lab File: BG018438.D

Acq: 14 Aug 2015 21:11

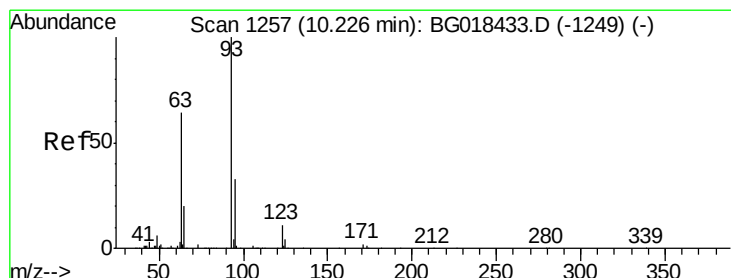
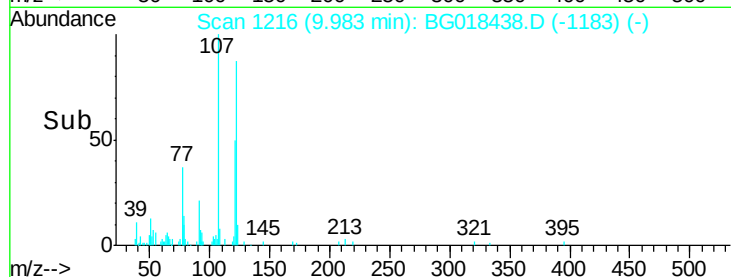
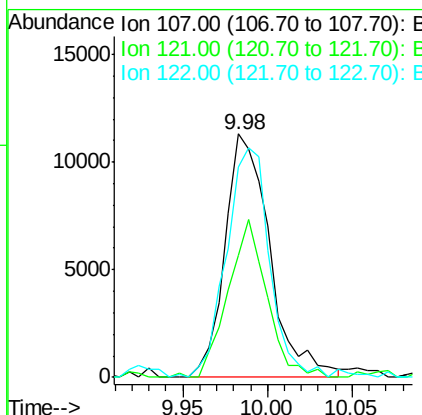
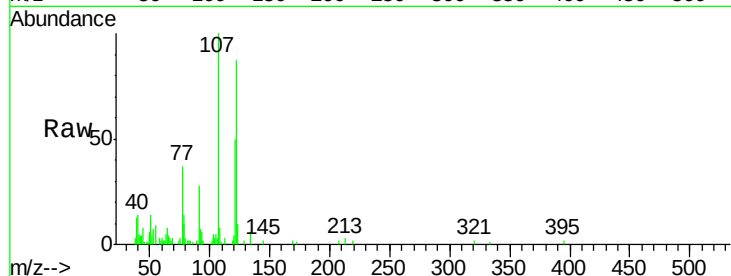
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 65      | 50.5  | 45.6  | 68.4  |
| 109     | 31.3  | 25.4  | 38.2  |





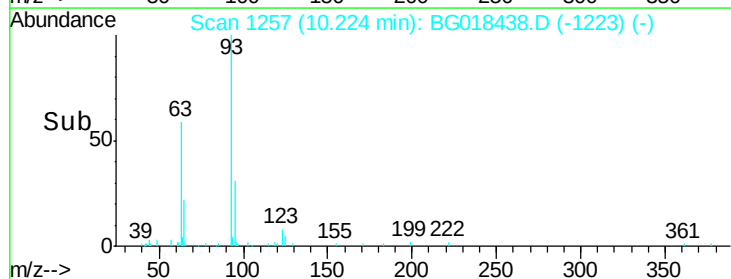
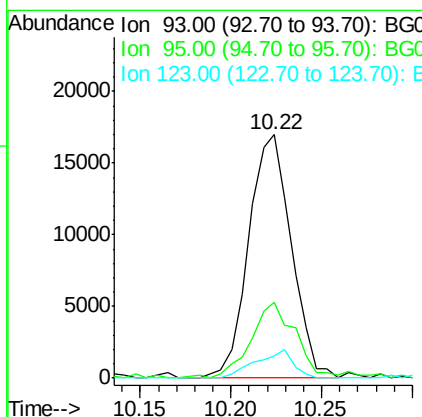
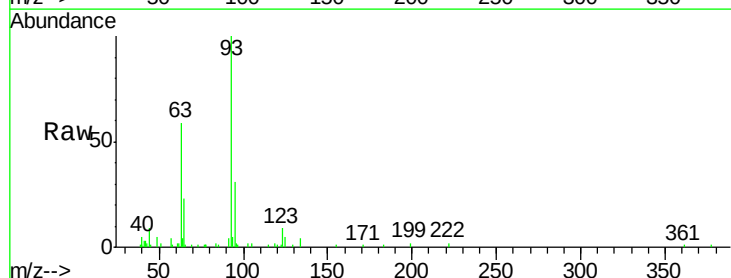
#24  
 2,4-Dimethylphenol  
 Concen: 2.68 ng/ul  
 RT: 9.98 min Scan# 1216  
 Delta R.T. -0.01 min  
 Lab File: BG018438.D  
 Acq: 14 Aug 2015 21:11

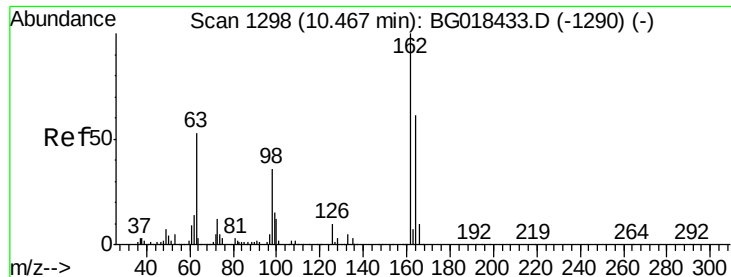
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 20910 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 121      | 50.4  | 41.3  | 61.9  |
| 122      | 86.6  | 71.9  | 107.9 |



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 2.97 ng/ul  
 RT: 10.22 min Scan# 1257  
 Delta R.T. -0.00 min  
 Lab File: BG018438.D  
 Acq: 14 Aug 2015 21:11

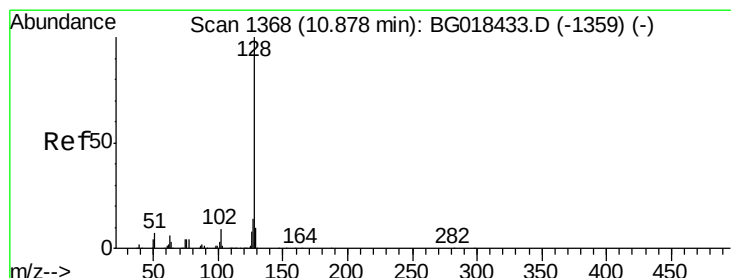
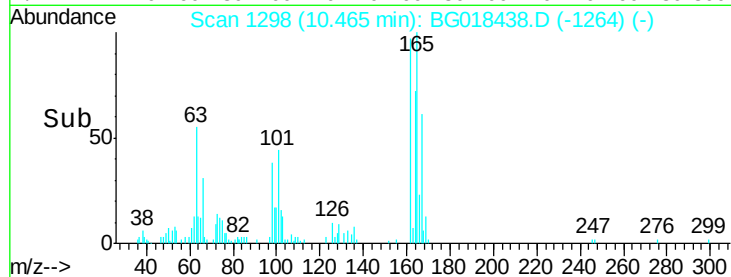
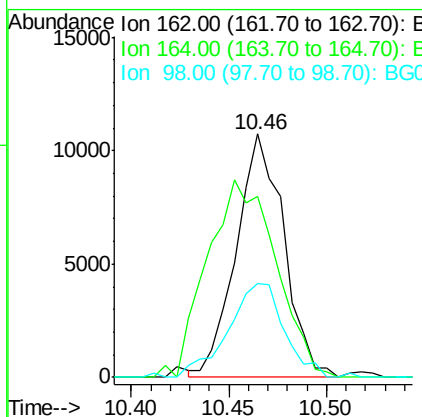
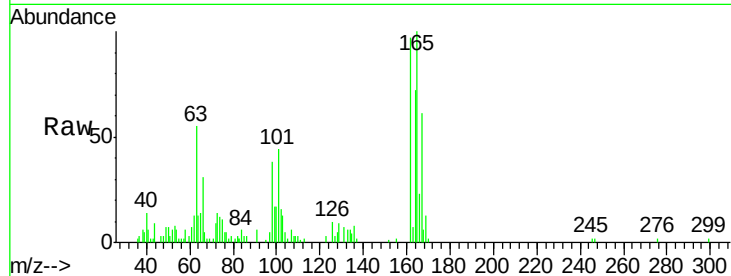
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 27694 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 95       | 31.3  | 24.1  | 36.1  |
| 123      | 9.2   | 8.9   | 13.3  |





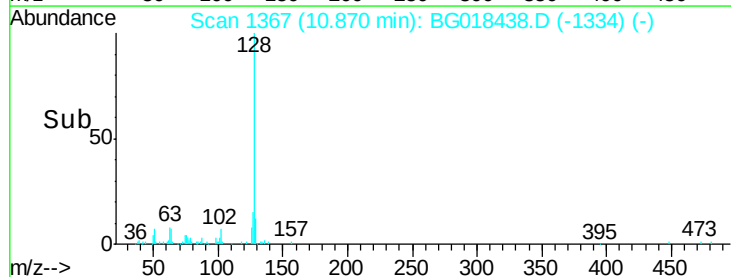
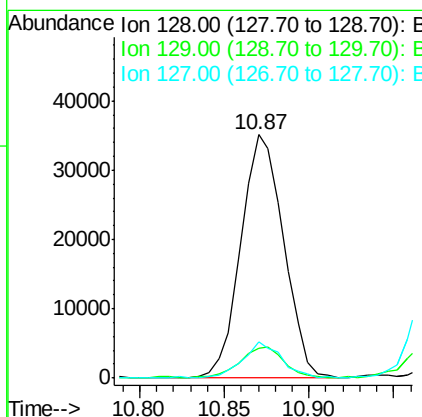
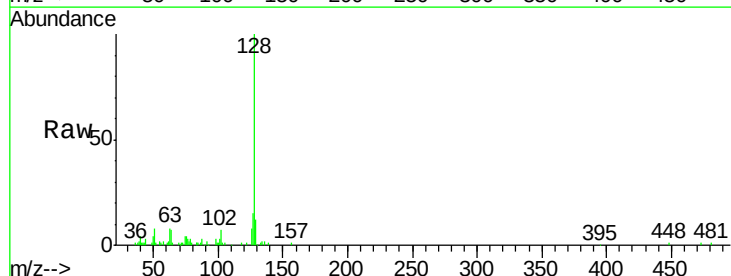
#27  
 2,4-Dichlorophenol  
 Concen: 2.91 ng/ul  
 RT: 10.46 min Scan# 1298  
 Delta R.T. -0.00 min  
 Lab File: BG018438.D  
 Acq: 14 Aug 2015 21:11

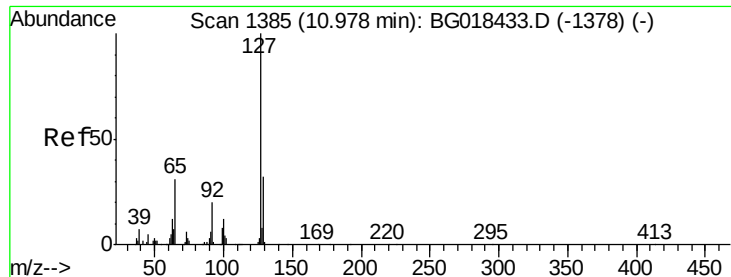
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 162   | Resp: | 18150 |
| Ion      | Ratio | Lower | Upper |
| 162      | 100   |       |       |
| 164      | 74.5  | 51.7  | 77.5  |
| 98       | 38.8  | 30.4  | 45.6  |



#28  
 Naphthalene  
 Concen: 2.97 ng/ul  
 RT: 10.87 min Scan# 1367  
 Delta R.T. -0.01 min  
 Lab File: BG018438.D  
 Acq: 14 Aug 2015 21:11

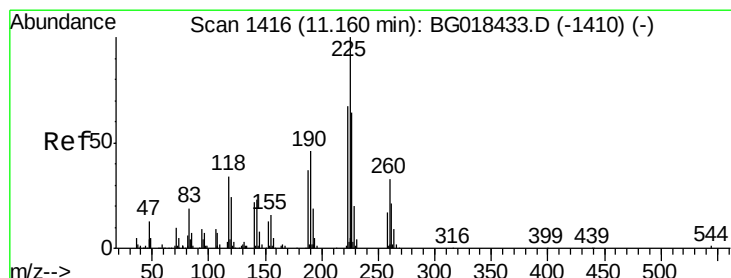
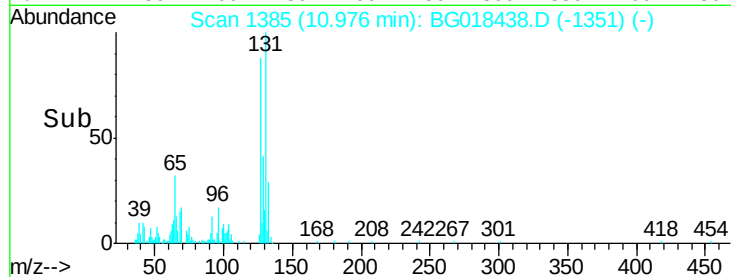
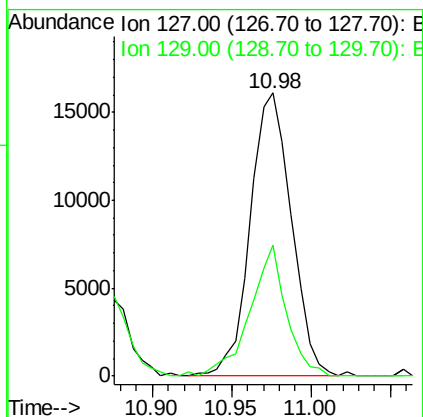
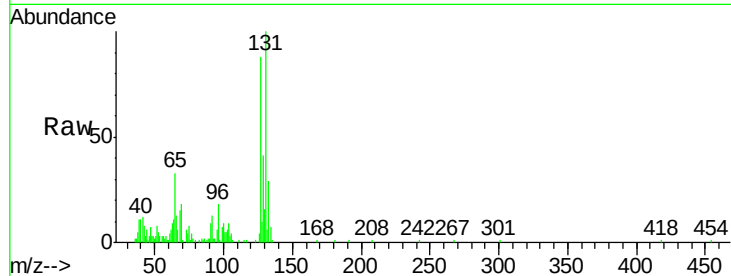
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 61979 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 12.2  | 9.6   | 14.4  |
| 127      | 14.8  | 10.5  | 15.7  |





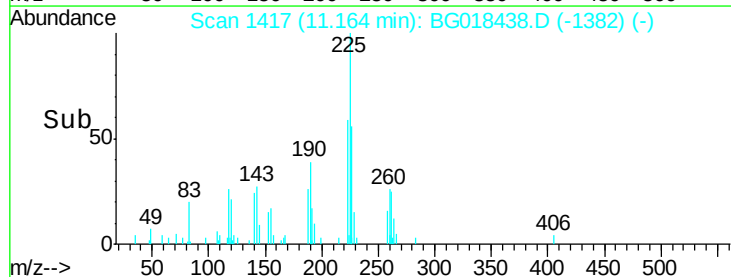
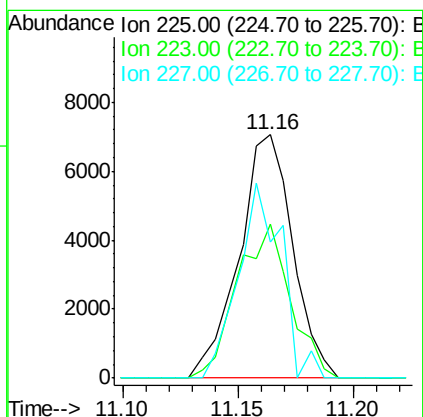
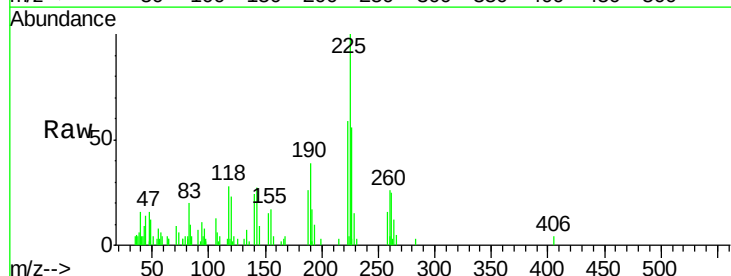
#30  
4-Chloroaniline  
Concen: 3.80 ng/ul  
RT: 10.98 min Scan# 1385  
Delta R.T. -0.00 min  
Lab File: BG018438.D  
Acq: 14 Aug 2015 21:11

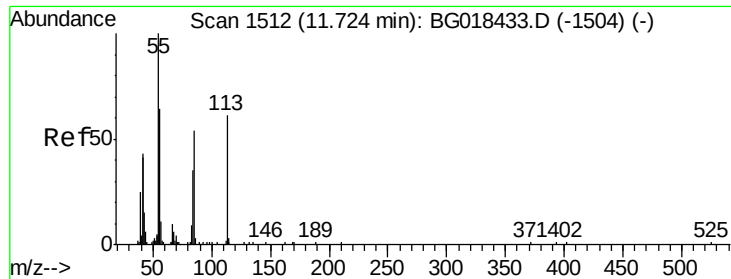
Tgt Ion:127 Resp: 29042  
Ion Ratio Lower Upper  
127 100  
129 46.3 26.7 40.1#



#31  
Hexachlorobutadiene  
Concen: 2.90 ng/ul  
RT: 11.16 min Scan# 1417  
Delta R.T. 0.00 min  
Lab File: BG018438.D  
Acq: 14 Aug 2015 21:11

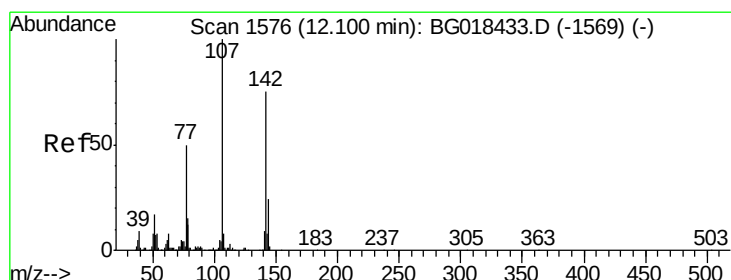
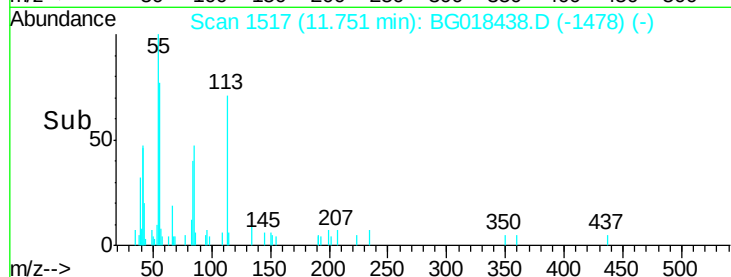
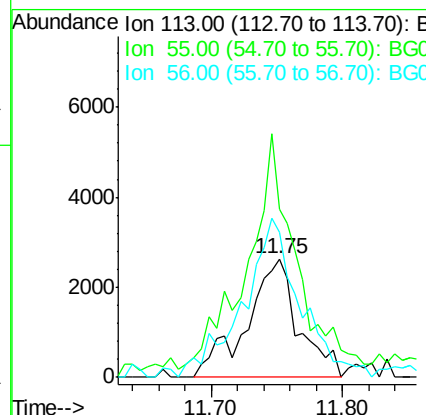
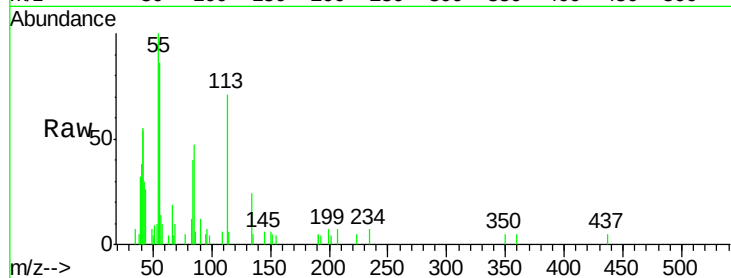
Tgt Ion:225 Resp: 11432  
Ion Ratio Lower Upper  
225 100  
223 63.3 45.8 68.8  
227 55.7 54.0 81.0





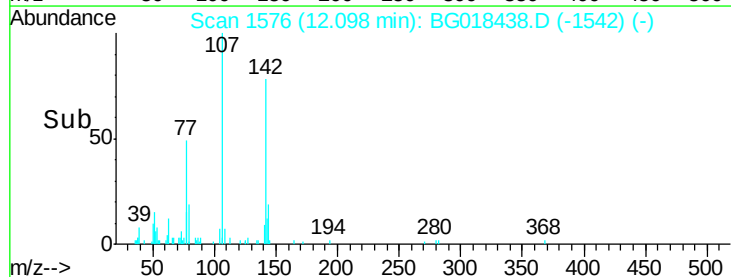
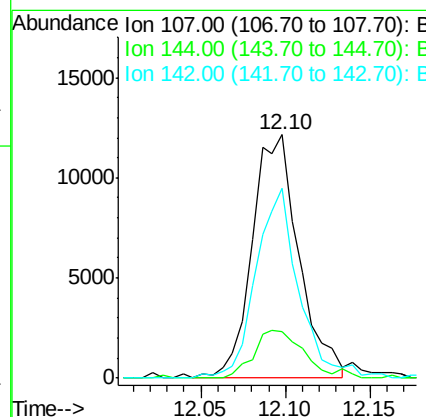
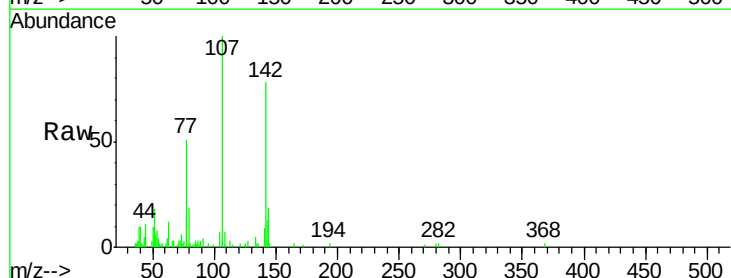
#32  
 Caprolactam  
 Concen: 2.88 ng/ul m  
 RT: 11.75 min Scan# 1517  
 Delta R.T. 0.03 min  
 Lab File: BG018438.D  
 Acq: 14 Aug 2015 21:11

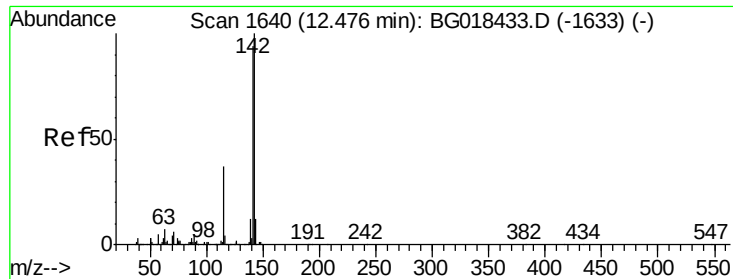
Tgt Ion: 113 Resp: 7228  
 Ion Ratio Lower Upper  
 113 100  
 55 141.6 124.2 186.4  
 56 122.3 98.2 147.4



#33  
 4-Chloro-3-methylphenol  
 Concen: 3.24 ng/ul  
 RT: 12.10 min Scan# 1576  
 Delta R.T. -0.00 min  
 Lab File: BG018438.D  
 Acq: 14 Aug 2015 21:11

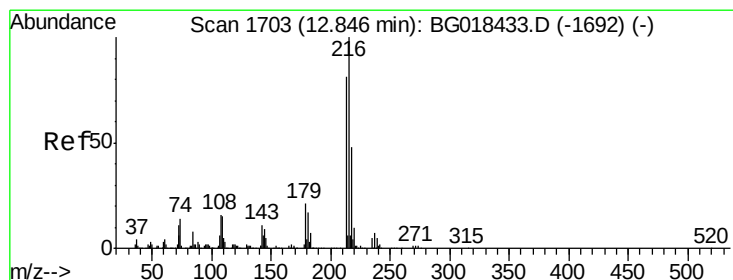
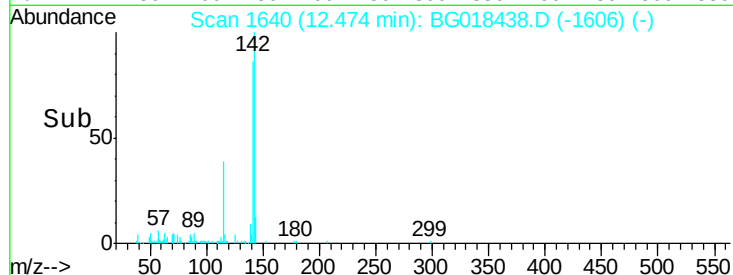
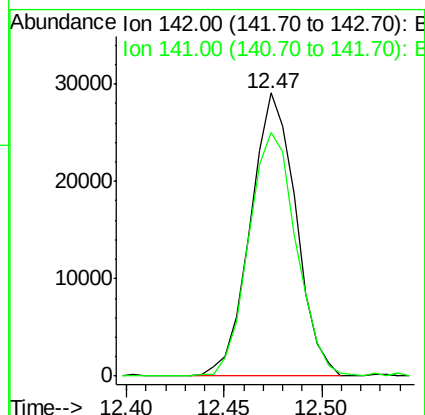
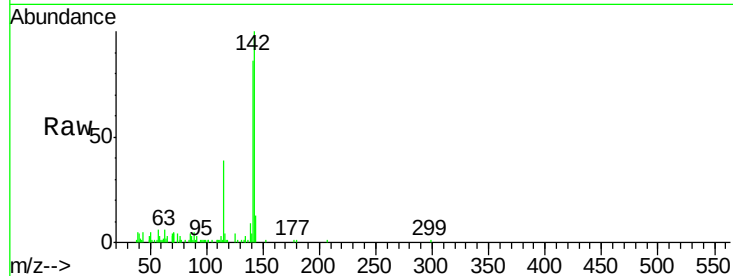
Tgt Ion: 107 Resp: 23376  
 Ion Ratio Lower Upper  
 107 100  
 144 21.1 21.4 32.2#  
 142 77.9 66.0 99.0





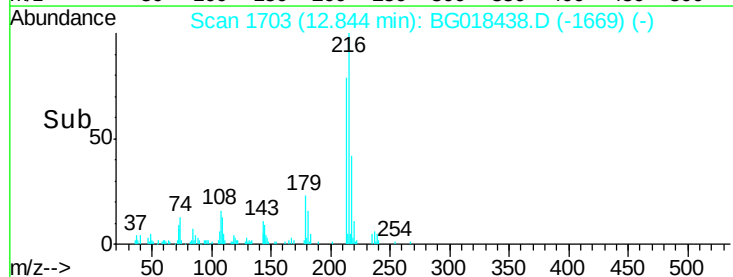
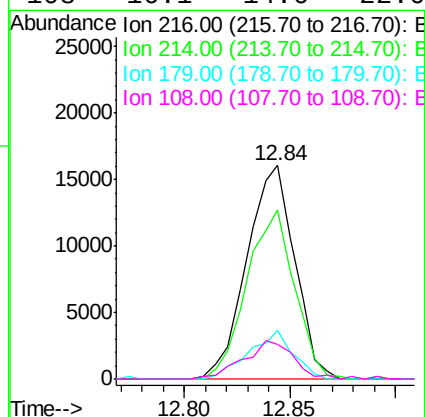
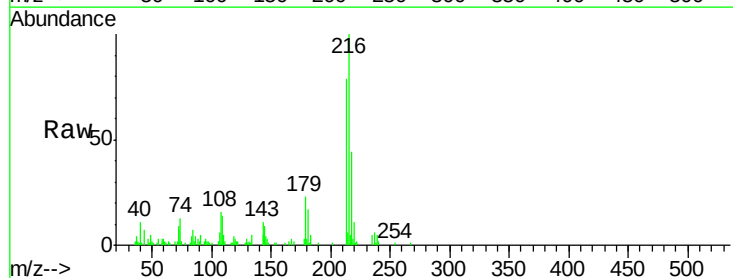
#34  
 2-Methylnaphthalene  
 Concen: 3.10 ng/ul  
 RT: 12.47 min Scan# 1640  
 Delta R.T. -0.00 min  
 Lab File: BG018438.D  
 Acq: 14 Aug 2015 21:11

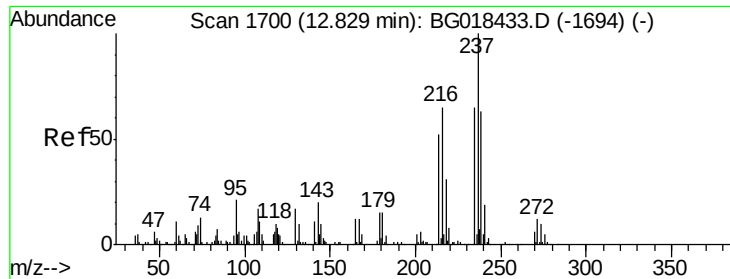
Tgt Ion:142 Resp: 46832  
 Ion Ratio Lower Upper  
 142 100  
 141 86.0 78.0 117.0



#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 3.13 ng/ul  
 RT: 12.84 min Scan# 1703  
 Delta R.T. -0.00 min  
 Lab File: BG018438.D  
 Acq: 14 Aug 2015 21:11

Tgt Ion:216 Resp: 25288  
 Ion Ratio Lower Upper  
 216 100  
 214 79.2 62.5 93.7  
 179 25.7 18.2 27.2  
 108 16.1 14.6 22.0





#38

Hexachlorocyclopentadiene

Concen: 2.47 ng/ul

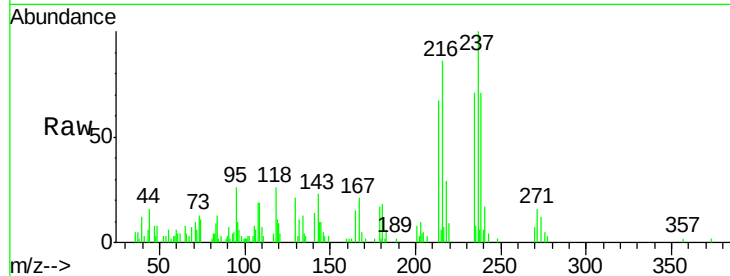
RT: 12.83 min Scan# 1700

Delta R.T. -0.00 min

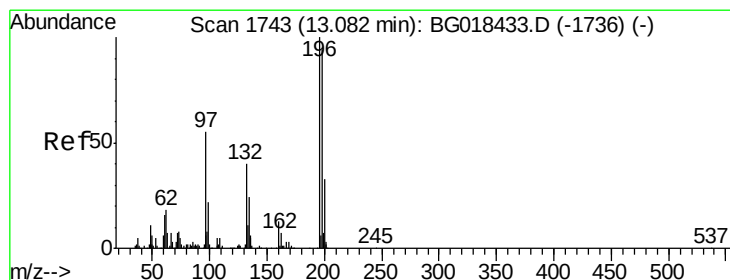
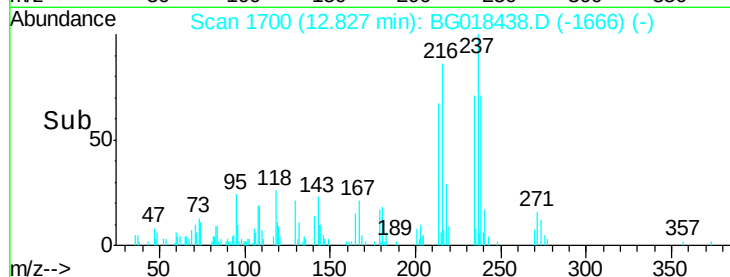
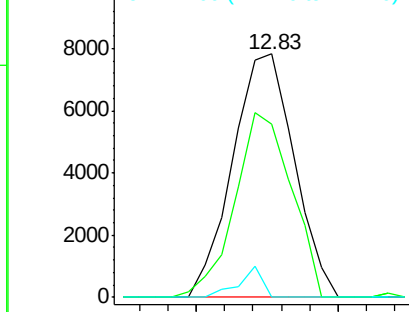
Lab File: BG018438.D

Acq: 14 Aug 2015 21:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 11860 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 78.9  | 45.6  | 68.4# |
| 272      | 0.0   | 9.0   | 13.4# |



Abundance Ion 237.00 (236.70 to 237.70): E  
Ion 235.00 (234.70 to 235.70): E  
Ion 272.00 (271.70 to 272.70): E



#39

2,4,6-Trichlorophenol

Concen: 2.72 ng/ul

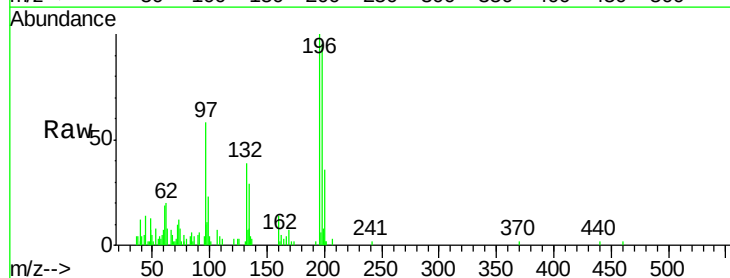
RT: 13.08 min Scan# 1743

Delta R.T. -0.00 min

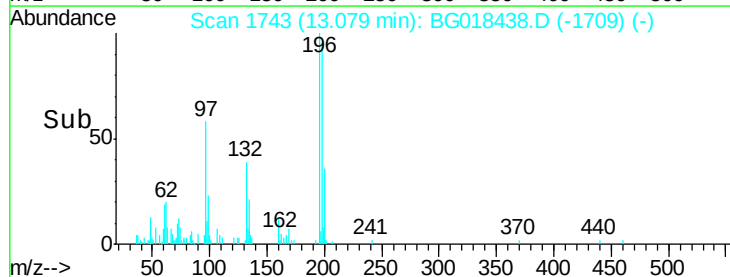
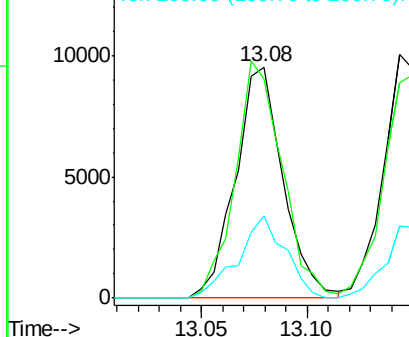
Lab File: BG018438.D

Acq: 14 Aug 2015 21:11

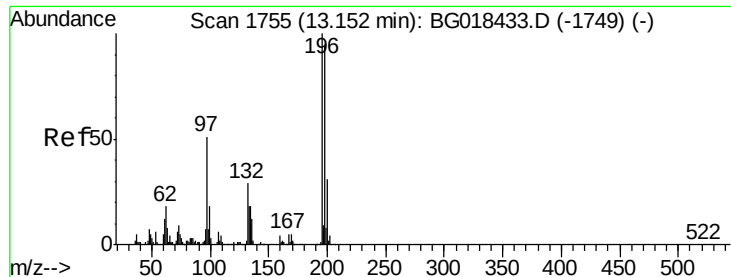
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 196   | Resp: | 14990 |
| Ion      | Ratio | Lower | Upper |
| 196      | 100   |       |       |
| 198      | 94.8  | 78.5  | 117.7 |
| 200      | 35.6  | 25.1  | 37.7  |



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

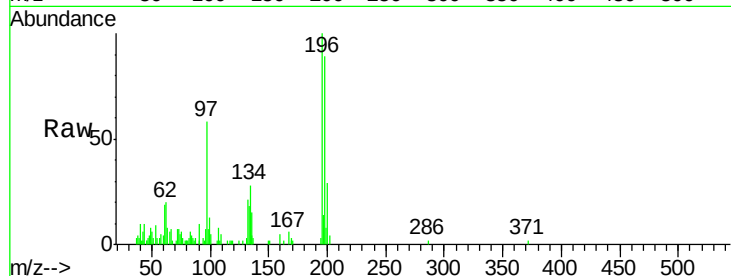




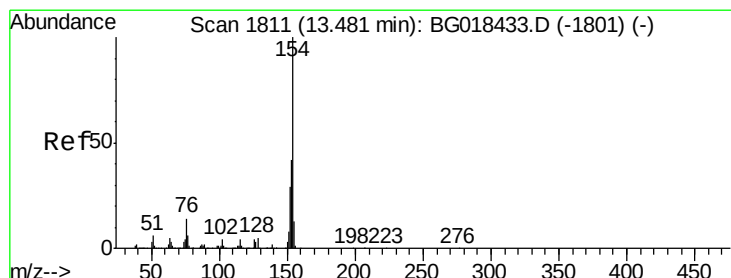
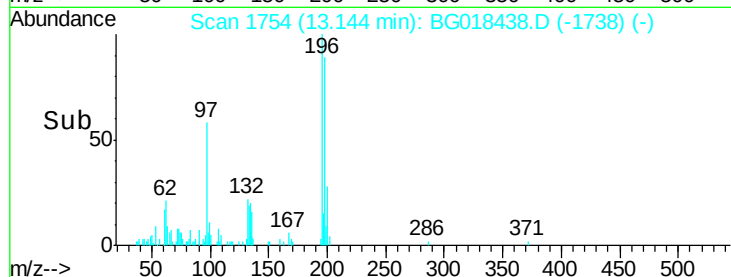
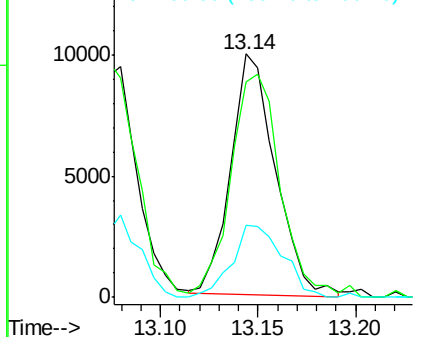


#40  
 2,4,5-Trichlorophenol  
 Concen: 2.65 ng/ul  
 RT: 13.14 min Scan# 1754  
 Delta R.T. -0.01 min  
 Lab File: BG018438.D  
 Acq: 14 Aug 2015 21:11

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 15687 |       |       |
| 198     | 88.7  | 74.2  | 111.4 |
| 200     | 29.4  | 25.2  | 37.8  |

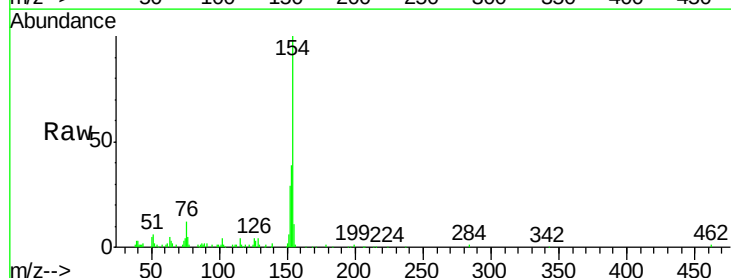


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

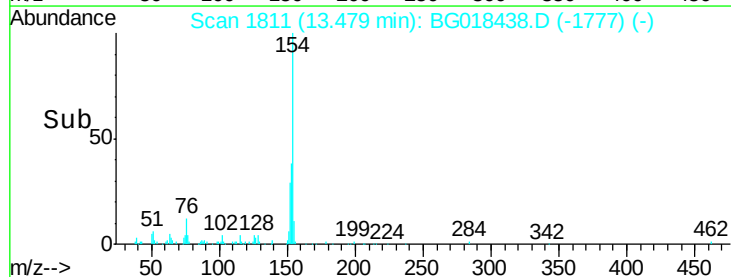
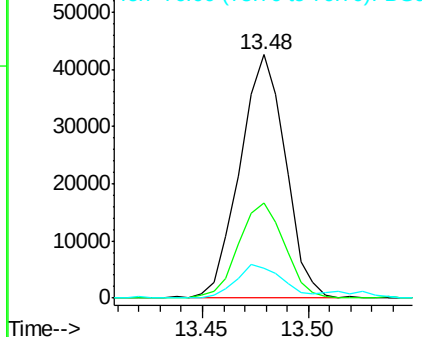


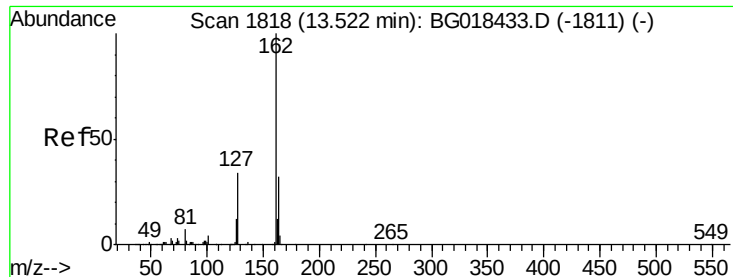
#41  
 1,1'-Biphenyl  
 Concen: 3.03 ng/ul  
 RT: 13.48 min Scan# 1811  
 Delta R.T. -0.00 min  
 Lab File: BG018438.D  
 Acq: 14 Aug 2015 21:11

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 63650 |       |       |
| 153     | 38.9  | 35.2  | 52.8  |
| 76      | 12.3  | 10.6  | 16.0  |



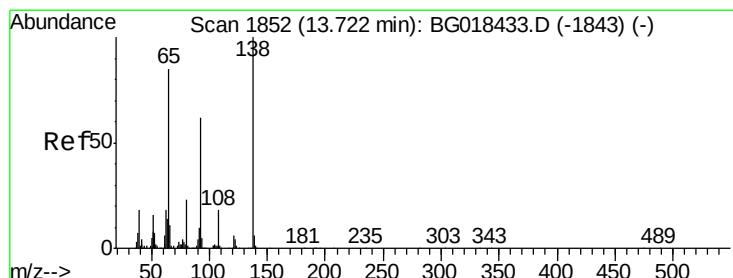
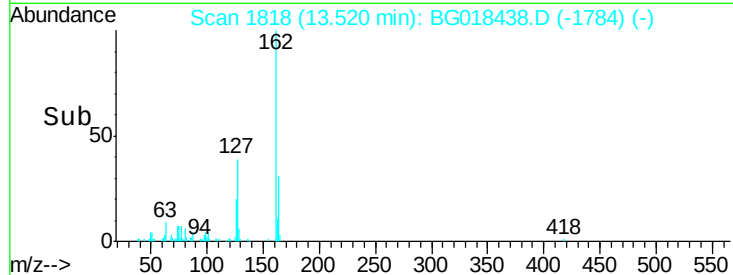
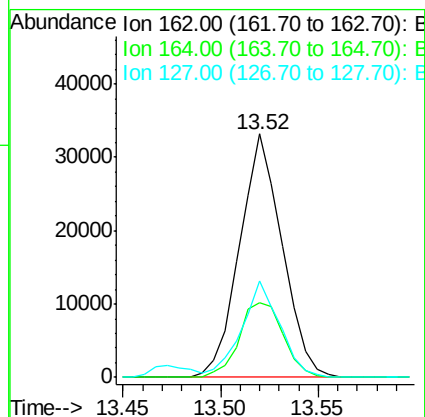
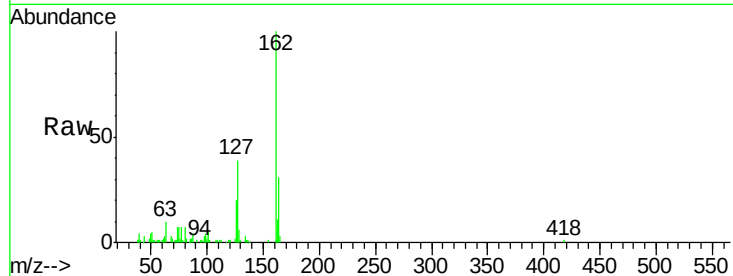
Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BG





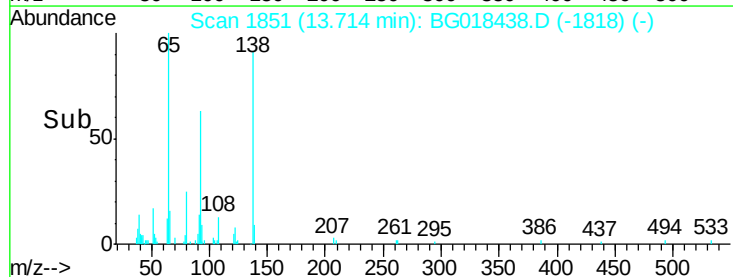
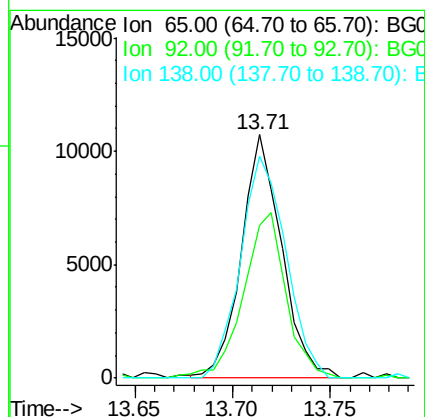
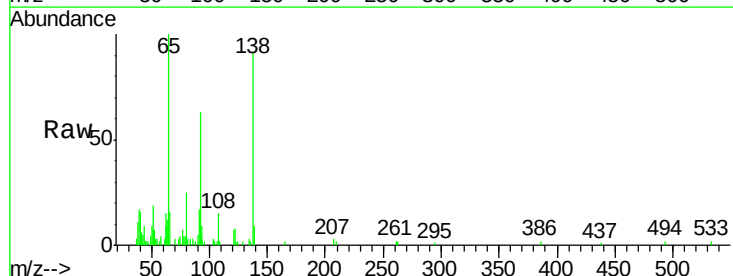
#42  
2-Chloronaphthalene  
Concen: 3.07 ng/ul  
RT: 13.52 min Scan# 1818  
Delta R.T. -0.00 min  
Lab File: BG018438.D  
Acq: 14 Aug 2015 21:11

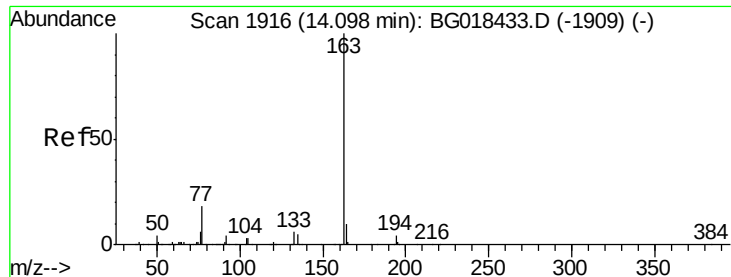
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 30.6  | 24.8  | 37.2  |
| 127     | 39.4  | 30.3  | 45.5  |



#43  
2-Nitroaniline  
Concen: 2.91 ng/ul  
RT: 13.71 min Scan# 1851  
Delta R.T. -0.01 min  
Lab File: BG018438.D  
Acq: 14 Aug 2015 21:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 62.8  | 51.1  | 76.7  |
| 138     | 90.9  | 75.1  | 112.7 |





#45

Dimethylphthalate

Concen: 3.05 ng/ul

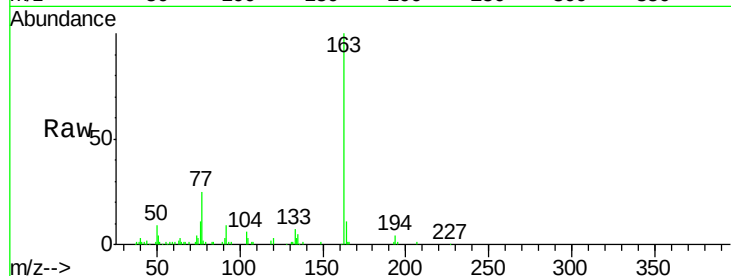
RT: 14.09 min Scan# 1915

Delta R.T. -0.01 min

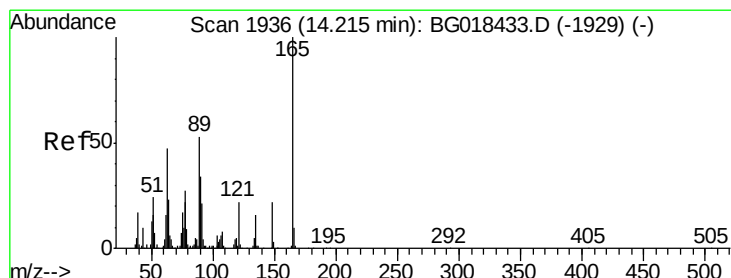
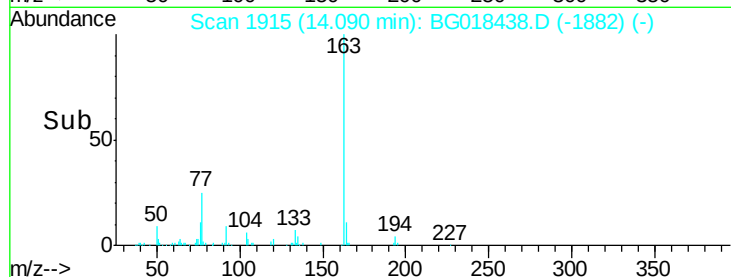
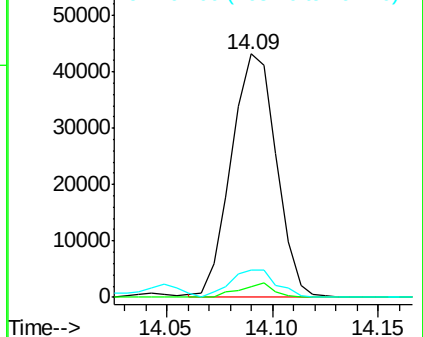
Lab File: BG018438.D

Acq: 14 Aug 2015 21:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 163   | Resp: | 63850 |
| Ion      | Ratio | Lower | Upper |
| 163      | 100   |       |       |
| 194      | 4.1   | 2.9   | 4.3   |
| 164      | 11.3  | 7.7   | 11.5  |



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



#46

2,6-Dinitrotoluene

Concen: 2.92 ng/ul

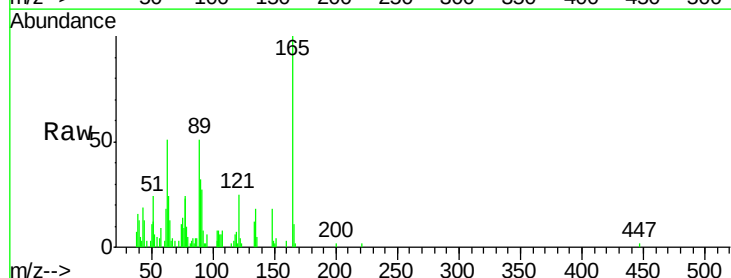
RT: 14.21 min Scan# 1935

Delta R.T. -0.01 min

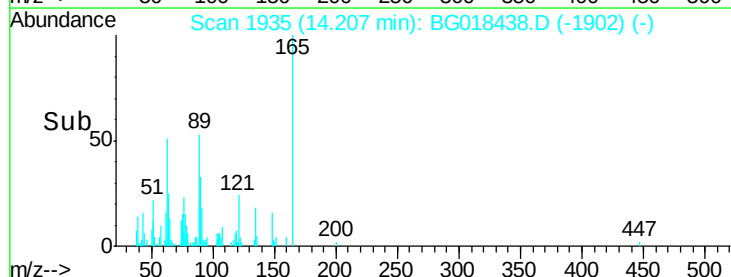
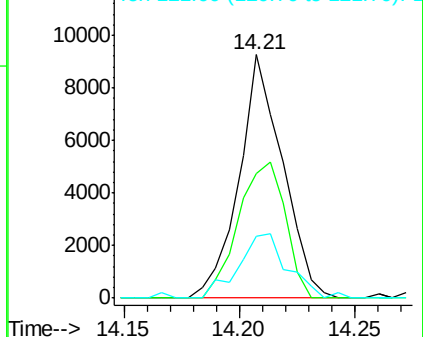
Lab File: BG018438.D

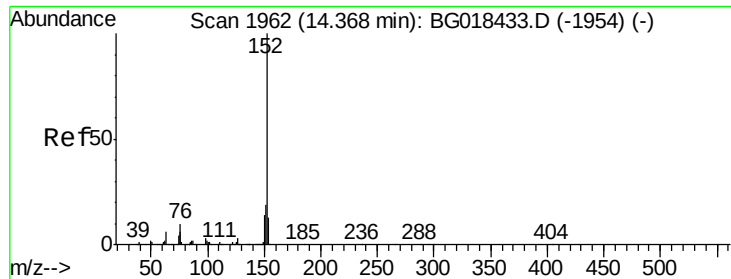
Acq: 14 Aug 2015 21:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 165   | Resp: | 12153 |
| Ion      | Ratio | Lower | Upper |
| 165      | 100   |       |       |
| 89       | 50.9  | 50.2  | 75.2  |
| 121      | 25.3  | 19.4  | 29.2  |



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 89.00 (88.70 to 89.70): BG  
Ion 121.00 (120.70 to 121.70): E





#48

Acenaphthylene

Concen: 3.10 ng/ul

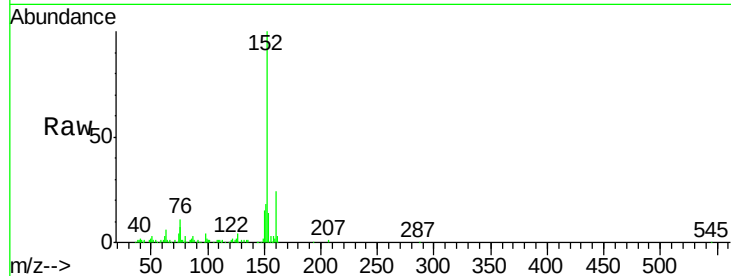
RT: 14.37 min Scan# 1962

Delta R.T. -0.00 min

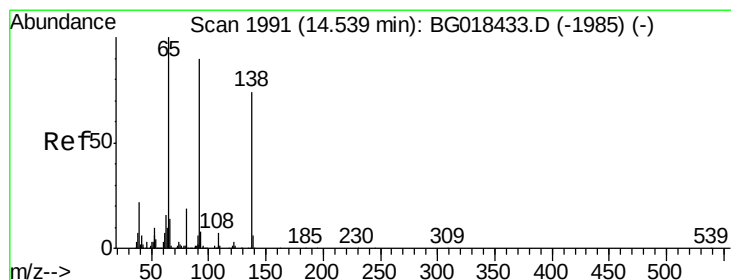
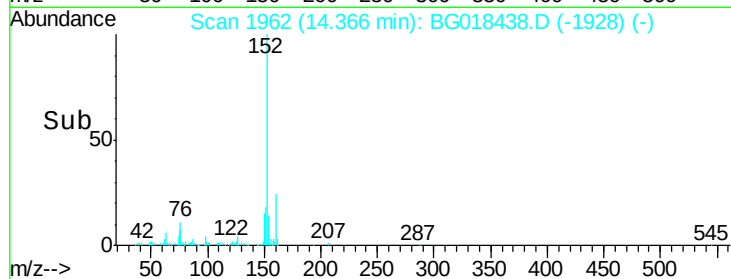
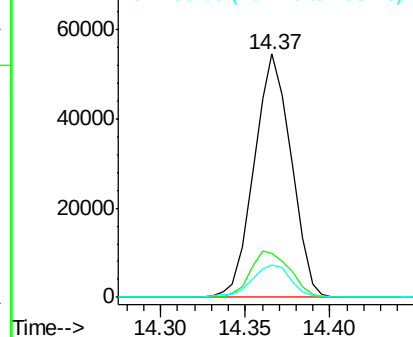
Lab File: BG018438.D

Acq: 14 Aug 2015 21:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 82991 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 18.1  | 15.4  | 23.2  |
| 153      | 13.6  | 10.8  | 16.2  |



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



#49

3-Nitroaniline

Concen: 3.52 ng/ul m

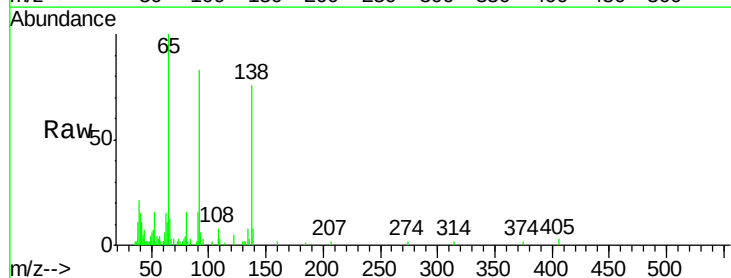
RT: 14.54 min Scan# 1992

Delta R.T. 0.00 min

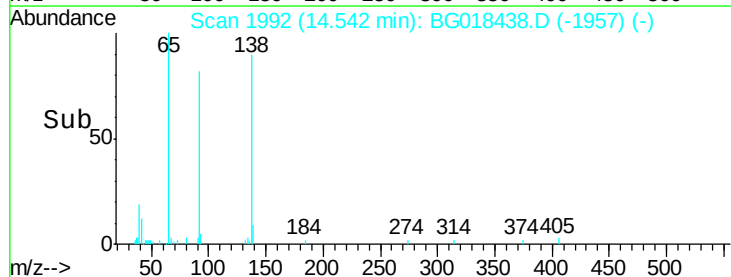
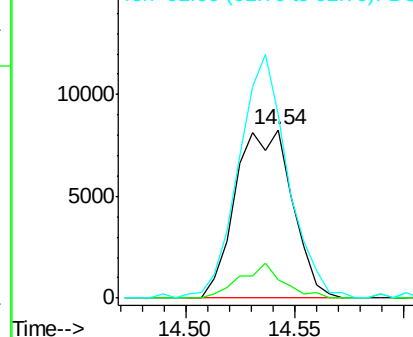
Lab File: BG018438.D

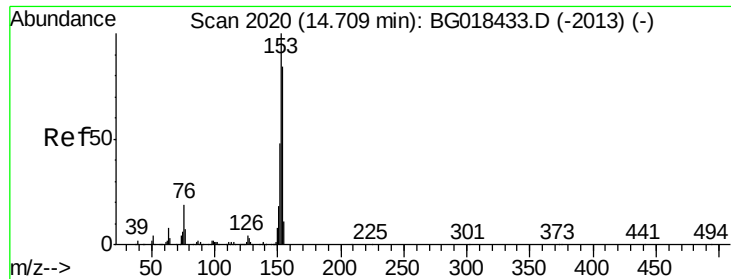
Acq: 14 Aug 2015 21:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 138   | Resp: | 14961 |
| Ion      | Ratio | Lower | Upper |
| 138      | 100   |       |       |
| 108      | 11.1  | 9.4   | 14.0  |
| 92       | 108.8 | 102.8 | 154.2 |



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





#50

Acenaphthene

Concen: 3.01 ng/ul

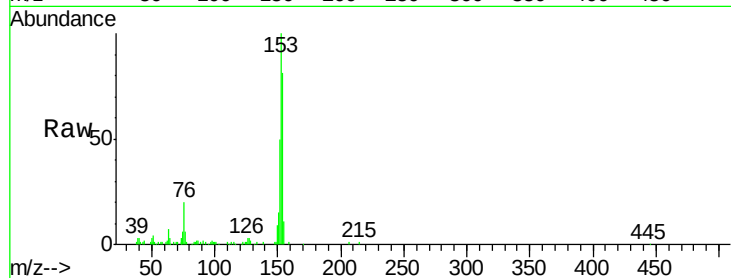
RT: 14.71 min Scan# 2020

Delta R.T. -0.00 min

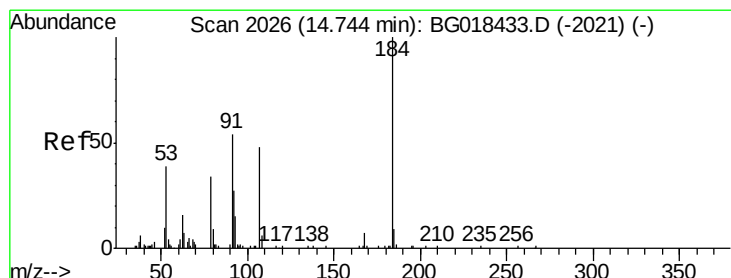
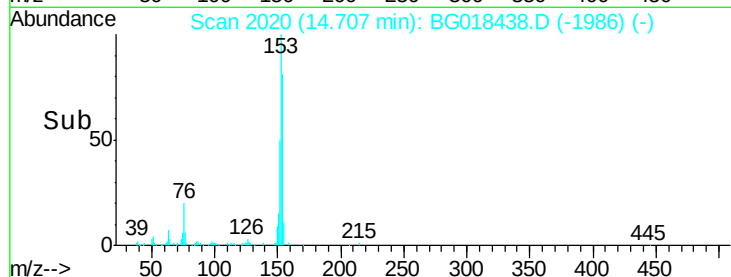
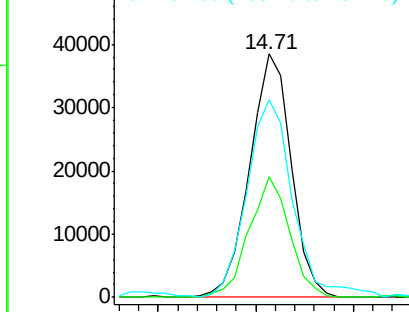
Lab File: BG018438.D

Acq: 14 Aug 2015 21:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 153   | Resp: | 56591 |
| Ion      | Ratio | Lower | Upper |
| 153      | 100   |       |       |
| 152      | 49.7  | 38.2  | 57.4  |
| 154      | 81.2  | 68.6  | 103.0 |



Abundance Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E  
Ion 154.00 (153.70 to 154.70): E



#51

2,4-Dinitrophenol

Concen: 2.16 ng/ul

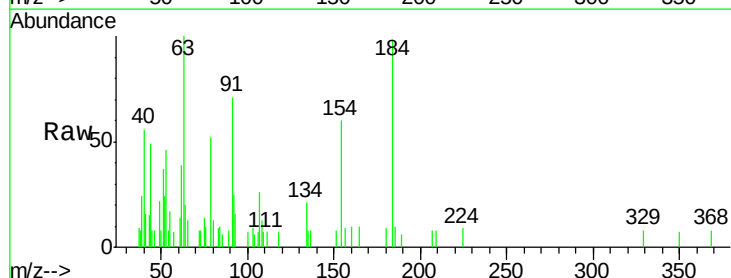
RT: 14.75 min Scan# 2027

Delta R.T. 0.00 min

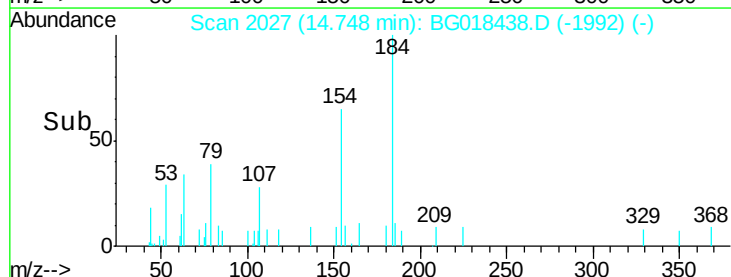
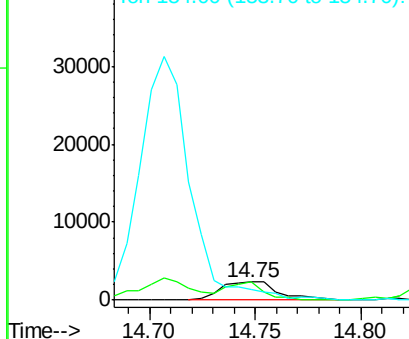
Lab File: BG018438.D

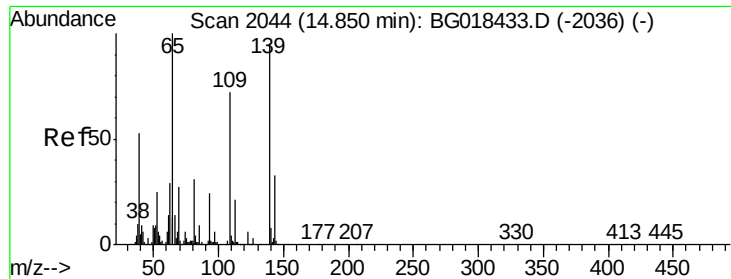
Acq: 14 Aug 2015 21:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 184   | Resp: | 4384  |
| Ion      | Ratio | Lower | Upper |
| 184      | 100   |       |       |
| 63       | 101.7 | 55.3  | 82.9# |
| 154      | 61.1  | 58.2  | 87.2  |



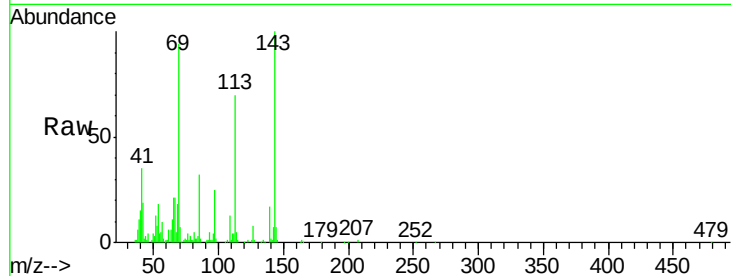
Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BG0  
Ion 154.00 (153.70 to 154.70): E



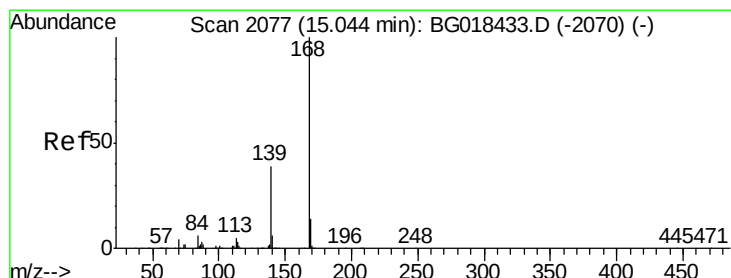
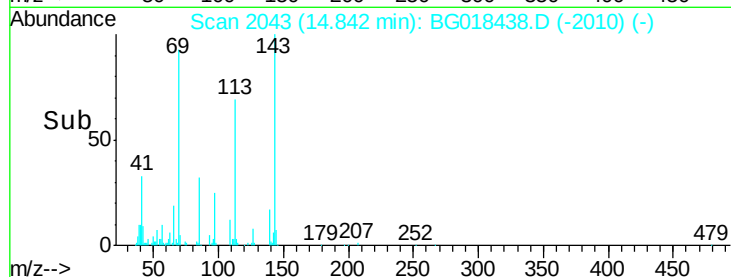
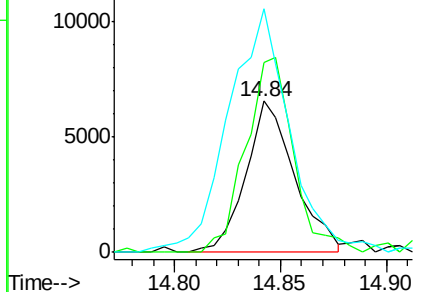


#53  
4-Nitrophenol  
Concen: 3.18 ng/ul  
RT: 14.84 min Scan# 2043  
Delta R.T. -0.01 min  
Lab File: BG018438.D  
Acq: 14 Aug 2015 21:11

| Tgt Ion | Resp  | Ion Ratio | Lower  | Upper |
|---------|-------|-----------|--------|-------|
| 109     | 10542 | 100       |        |       |
| 139     | 125.8 | 111.3     | 166.9  |       |
| 65      | 161.1 | 105.3     | 157.9# |       |

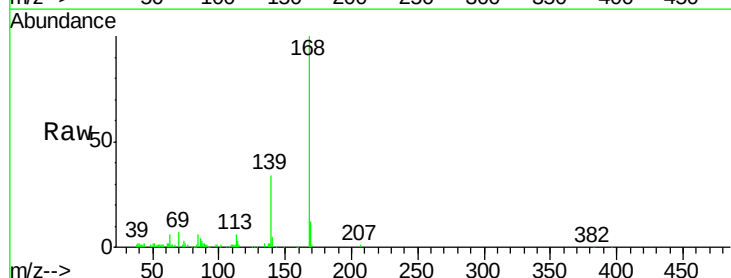


Abundance Ion 109.00 (108.70 to 109.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 65.00 (64.70 to 65.70): BGC

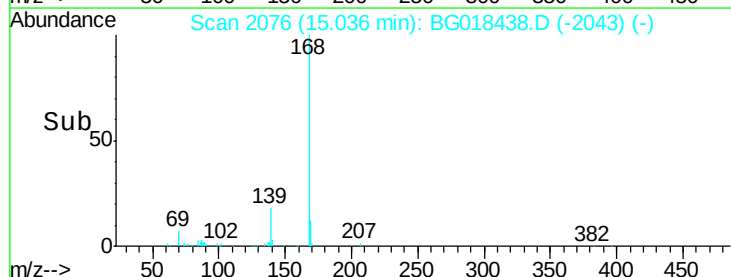
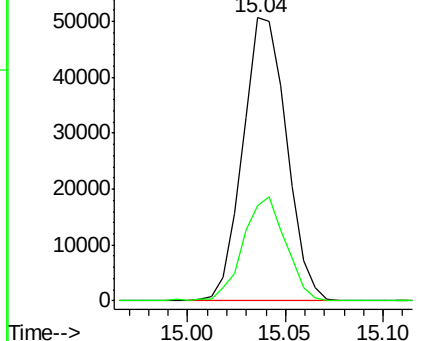


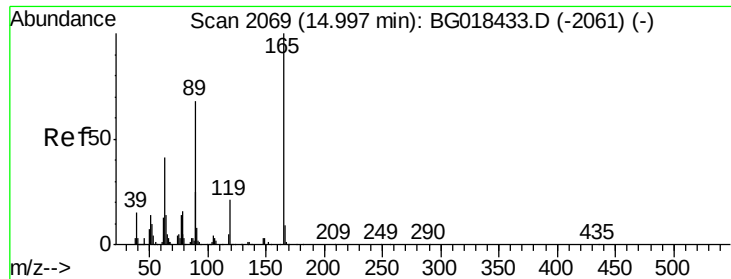
#54  
Dibenzofuran  
Concen: 3.21 ng/ul  
RT: 15.04 min Scan# 2076  
Delta R.T. -0.01 min  
Lab File: BG018438.D  
Acq: 14 Aug 2015 21:11

| Tgt Ion | Resp  | Ion Ratio | Lower | Upper |
|---------|-------|-----------|-------|-------|
| 168     | 78777 | 100       |       |       |
| 139     | 33.8  | 29.7      | 44.5  |       |



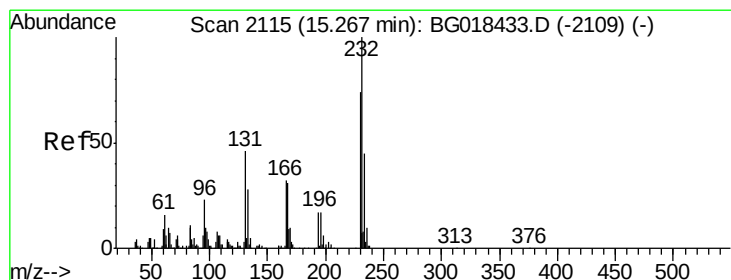
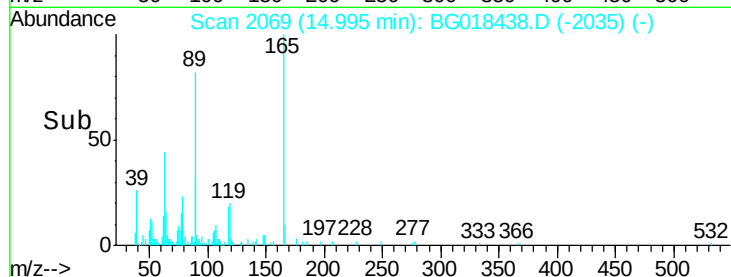
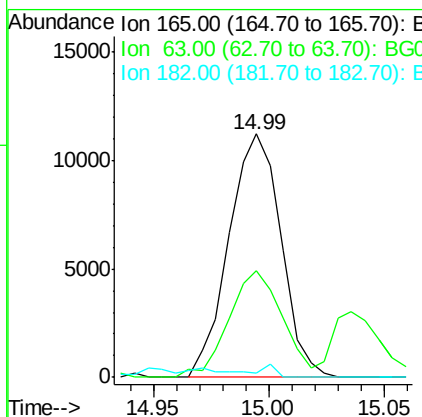
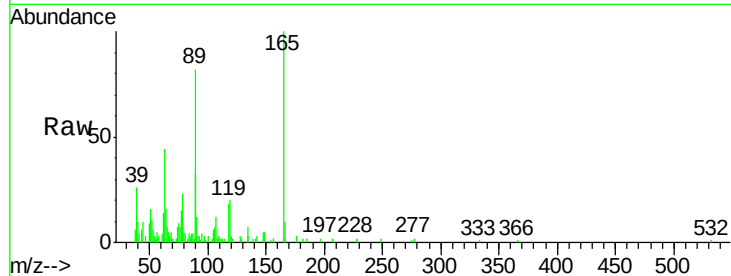
Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E





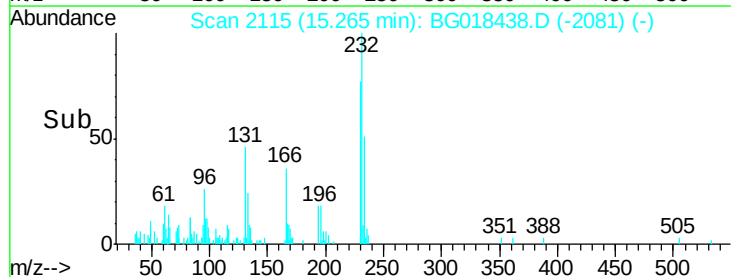
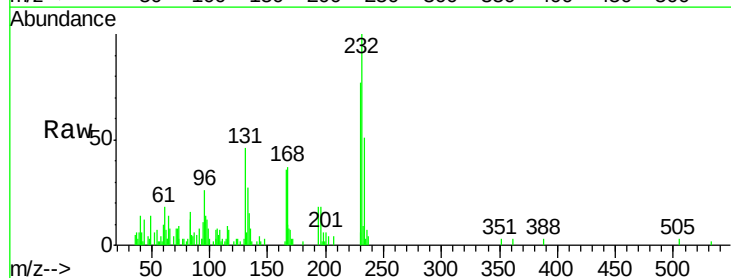
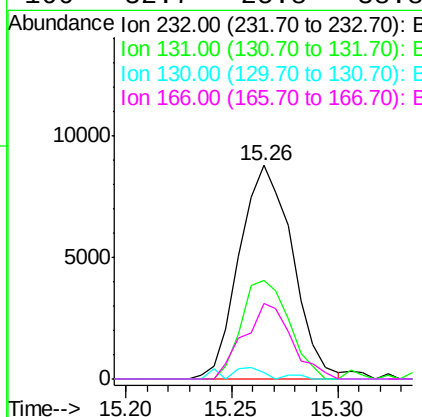
#55  
 2,4-Dinitrotoluene  
 Concen: 2.97 ng/ul  
 RT: 14.99 min Scan# 2069  
 Delta R.T. -0.00 min  
 Lab File: BG018438.D  
 Acq: 14 Aug 2015 21:11

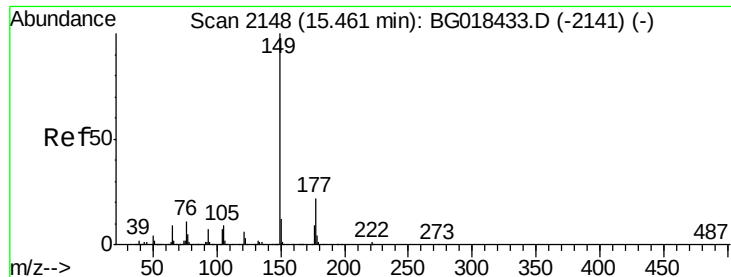
Tgt Ion:165 Resp: 17627  
 Ion Ratio Lower Upper  
 165 100  
 63 44.0 36.7 55.1  
 182 1.8 2.2 3.2#



#56  
 2,3,4,6-Tetrachlorophenol  
 Concen: 2.96 ng/ul  
 RT: 15.26 min Scan# 2115  
 Delta R.T. -0.00 min  
 Lab File: BG018438.D  
 Acq: 14 Aug 2015 21:11

Tgt Ion:232 Resp: 15281  
 Ion Ratio Lower Upper  
 232 100  
 131 42.3 37.4 56.0  
 130 2.9 1.4 2.0#  
 166 32.7 25.8 38.8





#57

Diethylphthalate

Concen: 3.28 ng/ul

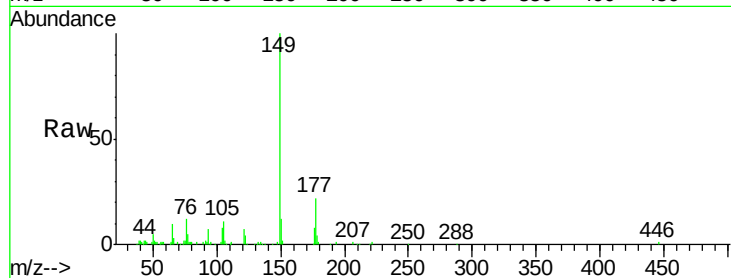
RT: 15.45 min Scan# 2147

Delta R.T. -0.01 min

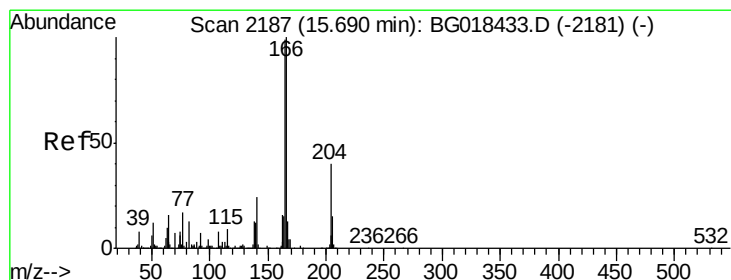
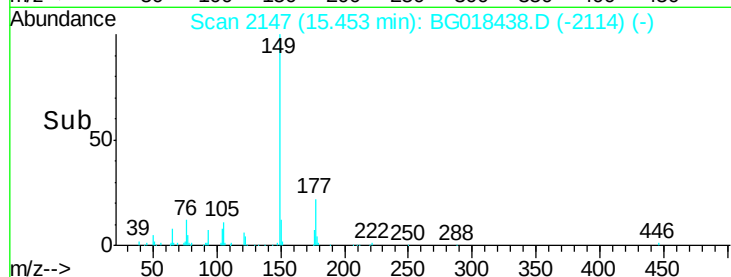
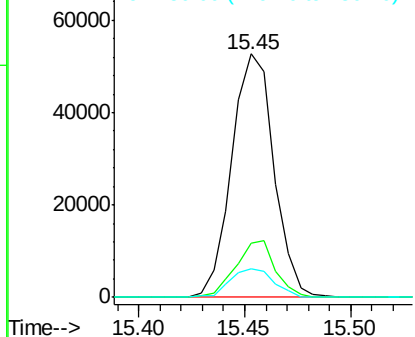
Lab File: BG018438.D

Acq: 14 Aug 2015 21:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 149   | Resp: | 72780 |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 177      | 22.1  | 18.2  | 27.4  |
| 150      | 11.9  | 9.7   | 14.5  |



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



#59

Fluorene

Concen: 3.13 ng/ul

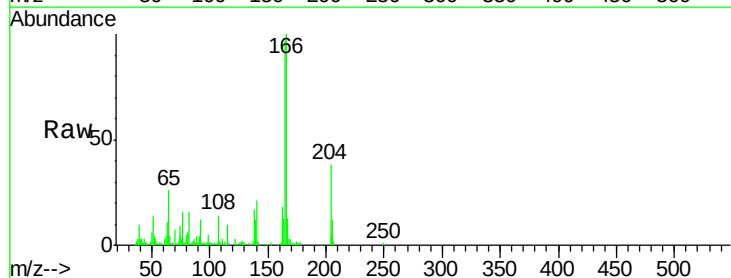
RT: 15.69 min Scan# 2187

Delta R.T. -0.00 min

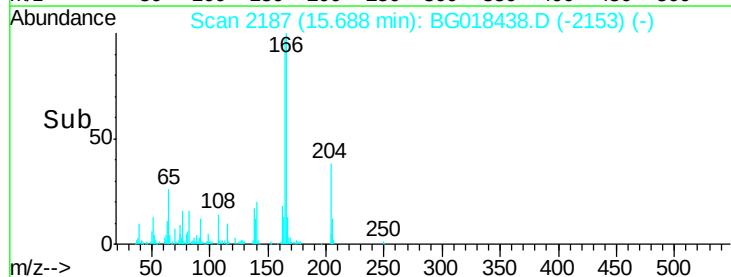
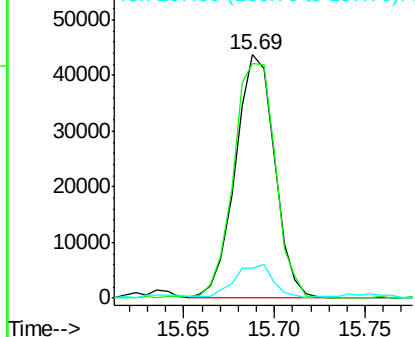
Lab File: BG018438.D

Acq: 14 Aug 2015 21:11

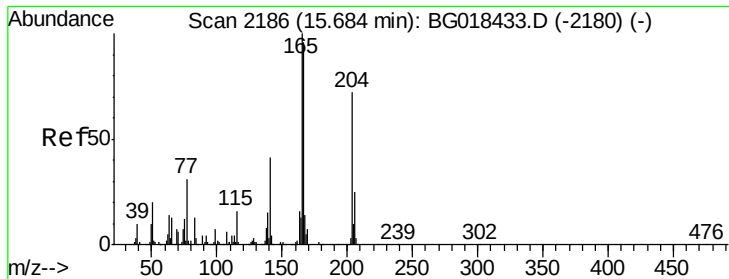
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 166   | Resp: | 66155 |
| Ion      | Ratio | Lower | Upper |
| 166      | 100   |       |       |
| 165      | 96.6  | 82.6  | 124.0 |
| 167      | 12.5  | 11.4  | 17.0  |



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

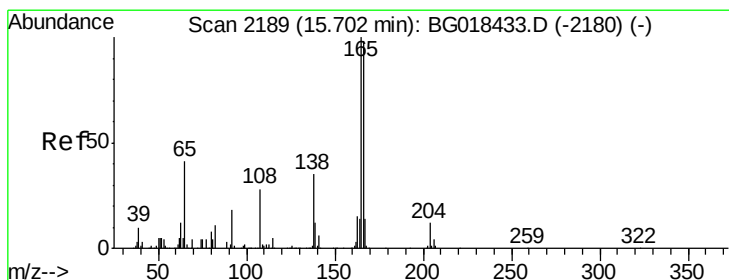
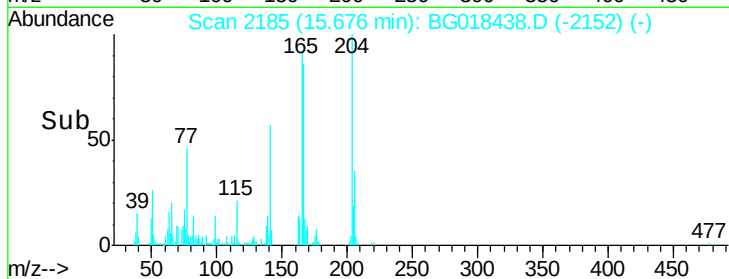
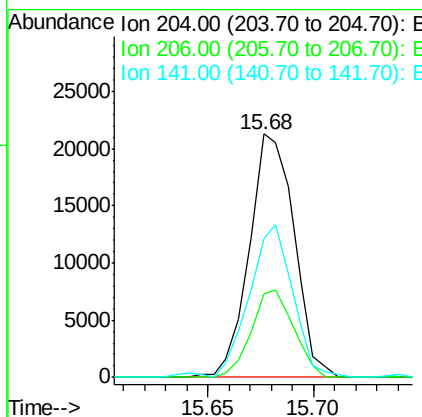
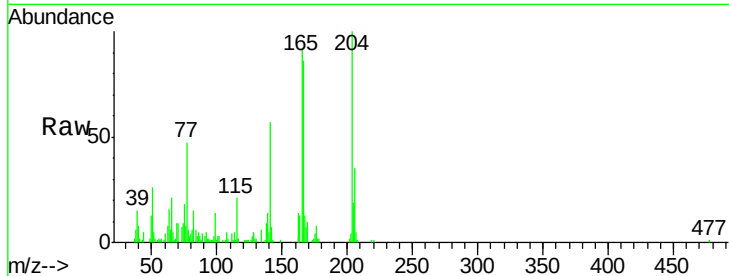






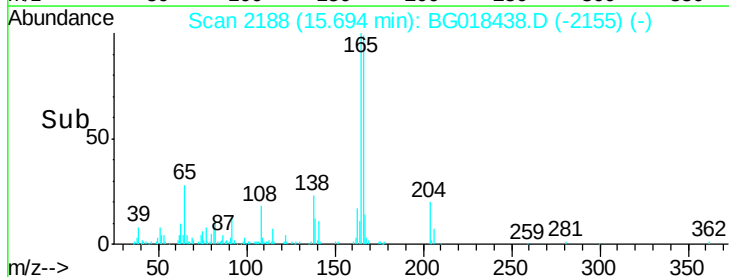
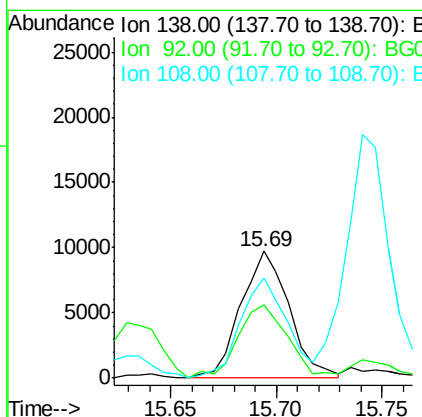
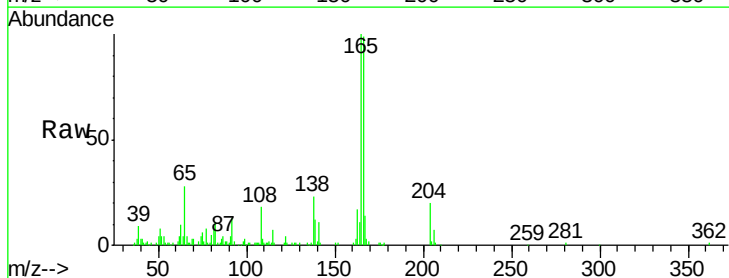
#60  
 4-Chlorophenyl-phenylether  
 Concen: 3.15 ng/ul  
 RT: 15.68 min Scan# 2185  
 Delta R.T. -0.01 min  
 Lab File: BG018438.D  
 Acq: 14 Aug 2015 21:11

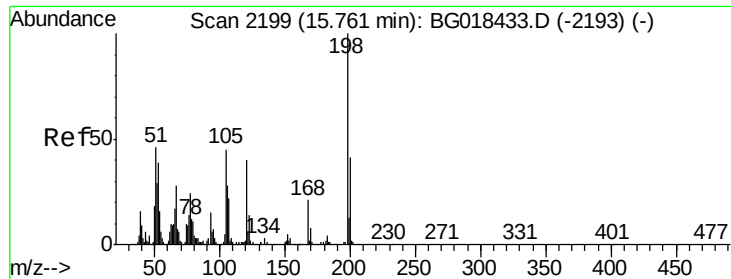
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.5  | 27.1  | 40.7  |
| 141     | 56.8  | 47.1  | 70.7  |



#61  
 4-Nitroaniline  
 Concen: 3.27 ng/ul  
 RT: 15.69 min Scan# 2188  
 Delta R.T. -0.01 min  
 Lab File: BG018438.D  
 Acq: 14 Aug 2015 21:11

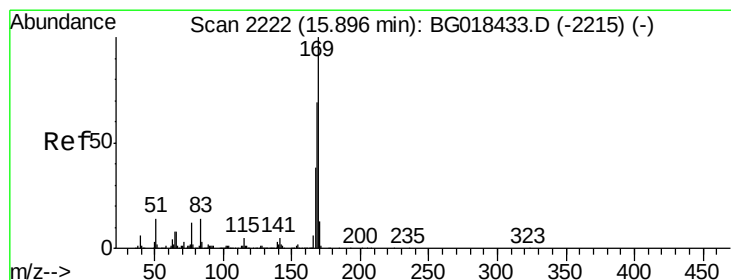
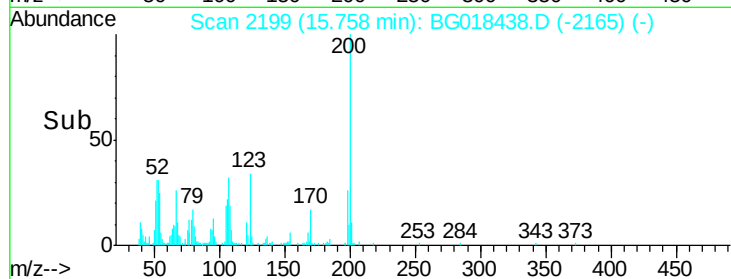
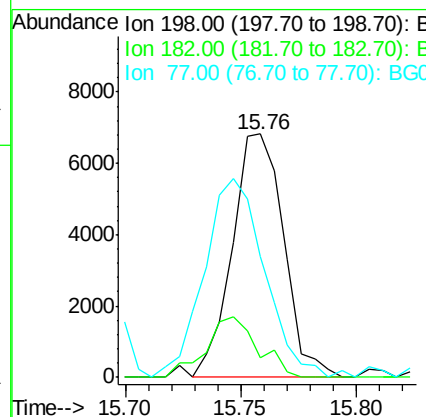
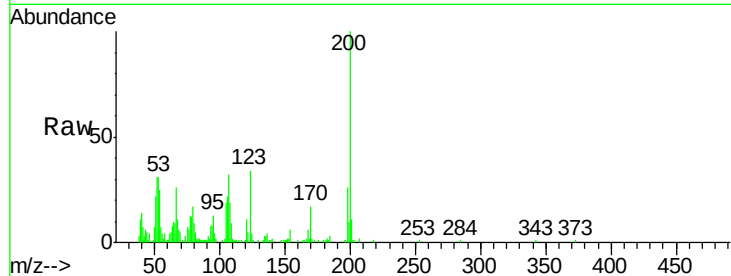
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 57.6  | 44.0  | 66.0  |
| 108     | 78.8  | 64.6  | 97.0  |





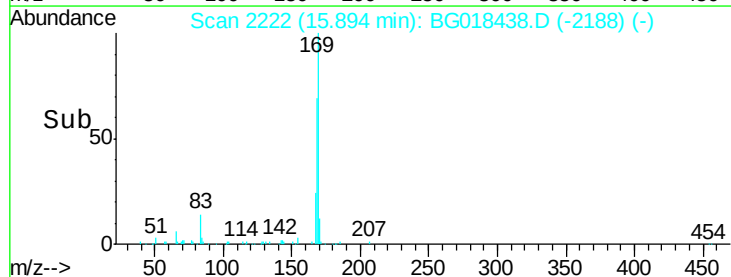
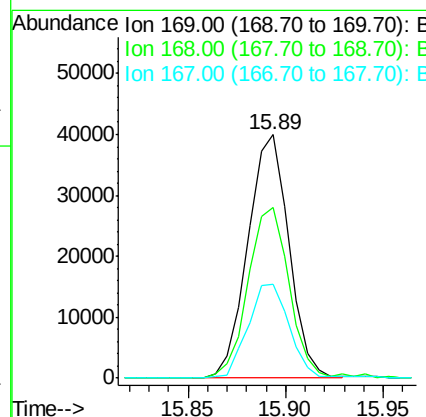
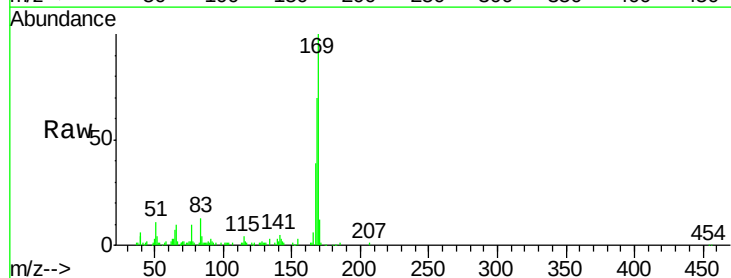
#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 3.21 ng/ul  
 RT: 15.76 min Scan# 2199  
 Delta R.T. -0.00 min  
 Lab File: BG018438.D  
 Acq: 14 Aug 2015 21:11

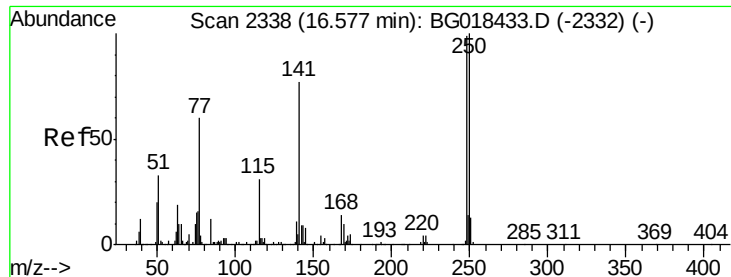
| Tgt Ion | Resp  | Ion Ratio | Lower | Upper |
|---------|-------|-----------|-------|-------|
| 198     | 10592 | 100       |       |       |
| 182     | 8.0   |           | 3.4   | 5.0#  |
| 77      | 49.7  |           | 22.4  | 33.6# |



#65  
 N-Nitrosodiphenylamine  
 Concen: 3.08 ng/ul  
 RT: 15.89 min Scan# 2222  
 Delta R.T. -0.00 min  
 Lab File: BG018438.D  
 Acq: 14 Aug 2015 21:11

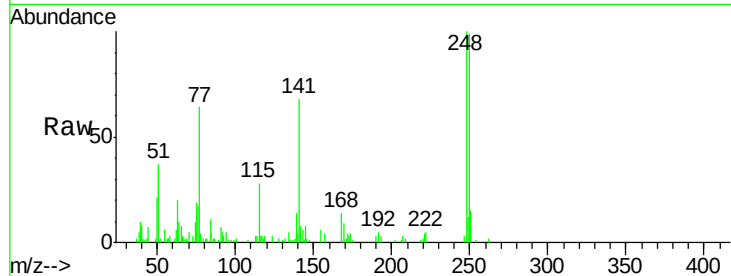
| Tgt Ion | Resp  | Ion Ratio | Lower | Upper |
|---------|-------|-----------|-------|-------|
| 169     | 58335 | 100       |       |       |
| 168     | 70.2  |           | 60.2  | 90.2  |
| 167     | 38.7  |           | 33.4  | 50.2  |



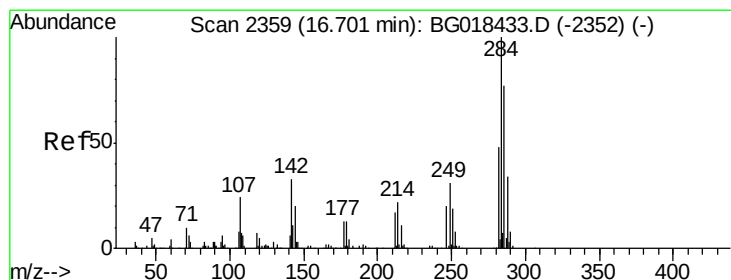
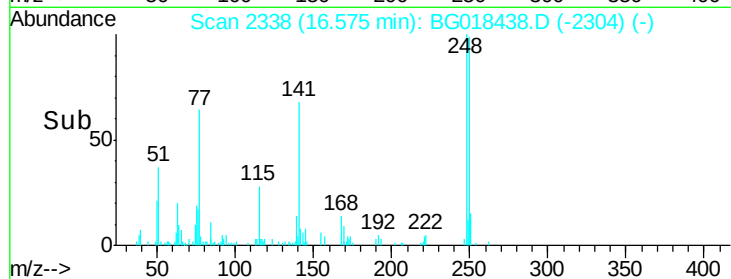
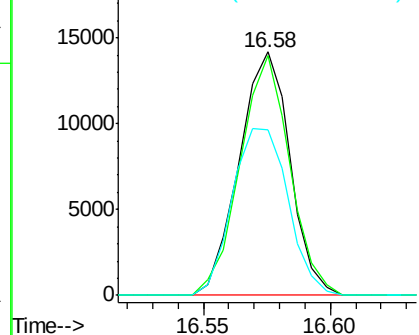


#66  
 4-Bromophenyl-phenylether  
 Concen: 2.90 ng/ul  
 RT: 16.58 min Scan# 2338  
 Delta R.T. -0.00 min  
 Lab File: BG018438.D  
 Acq: 14 Aug 2015 21:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.6  | 76.4  | 114.6 |
| 141     | 67.8  | 58.6  | 87.8  |

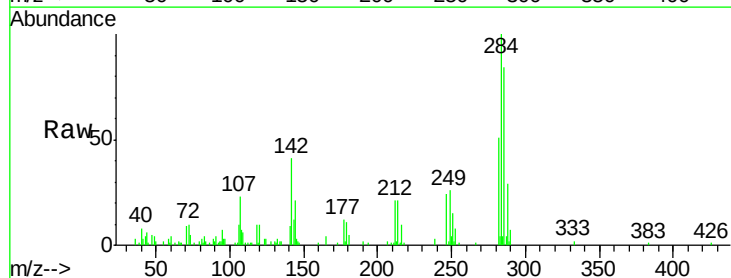


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

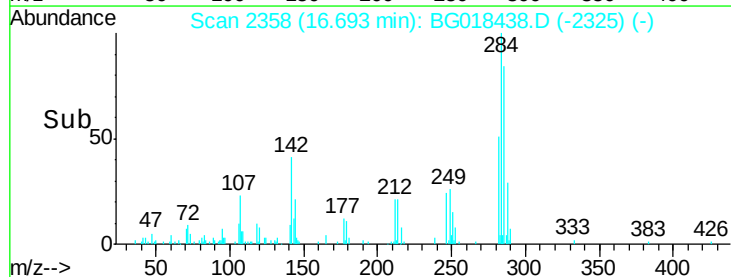
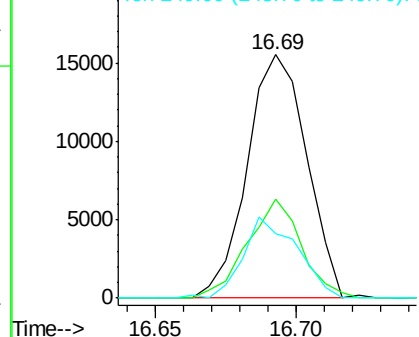


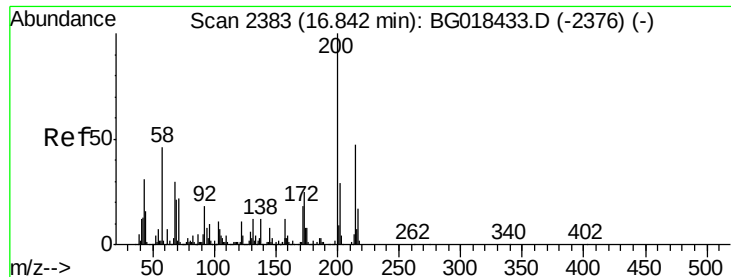
#67  
 Hexachlorobenzene  
 Concen: 3.15 ng/ul  
 RT: 16.69 min Scan# 2358  
 Delta R.T. -0.01 min  
 Lab File: BG018438.D  
 Acq: 14 Aug 2015 21:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 39.2  | 28.6  | 42.8  |
| 249     | 29.6  | 26.2  | 39.4  |



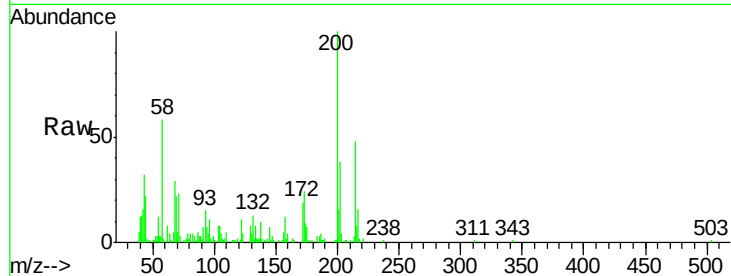
Abundance Ion 284.00 (283.70 to 284.70): E  
 Ion 142.00 (141.70 to 142.70): E  
 Ion 249.00 (248.70 to 249.70): E



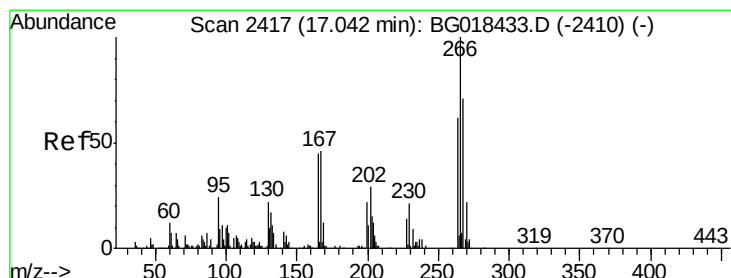
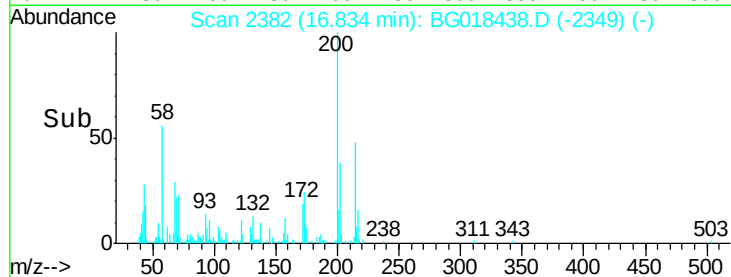
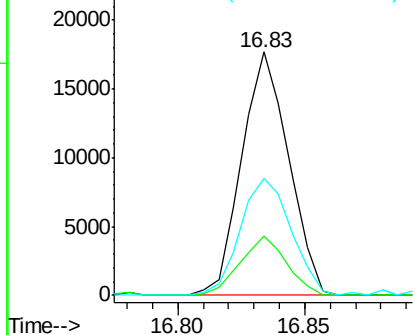


#68  
Atrazine  
Concen: 3.22 ng/ul  
RT: 16.83 min Scan# 2382  
Delta R.T. -0.01 min  
Lab File: BG018438.D  
Acq: 14 Aug 2015 21:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 24.5  | 19.0  | 28.4  |
| 215     | 48.0  | 37.4  | 56.2  |

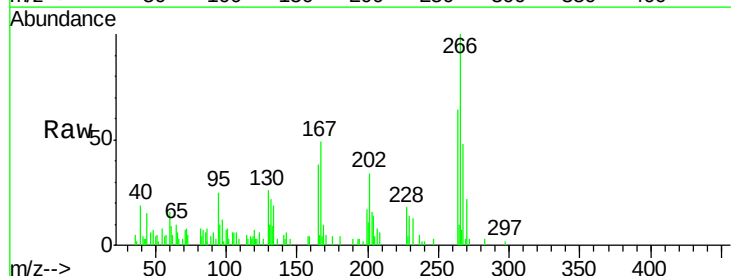


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

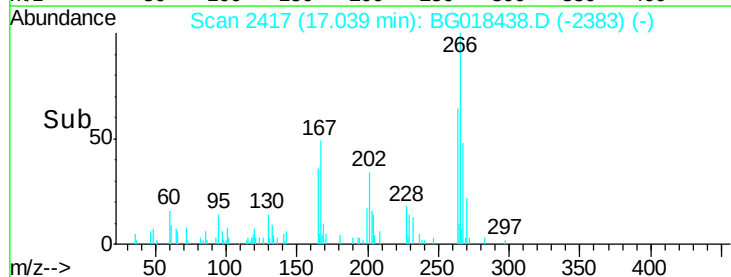
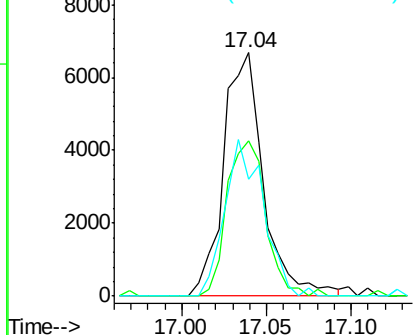


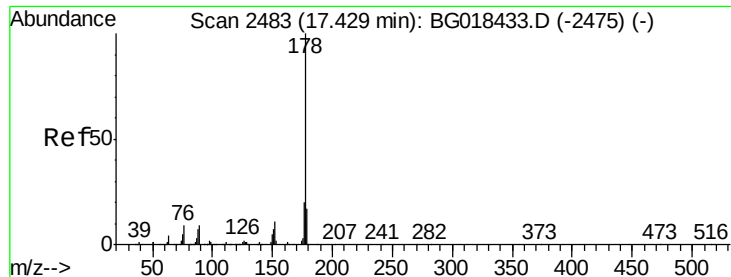
#69  
Pentachlorophenol  
Concen: 2.27 ng/ul  
RT: 17.04 min Scan# 2417  
Delta R.T. -0.00 min  
Lab File: BG018438.D  
Acq: 14 Aug 2015 21:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 63.9  | 55.4  | 83.0  |
| 268     | 50.8  | 53.6  | 80.4  |



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





#70

Phenanthrene

Concen: 3.37 ng/ul

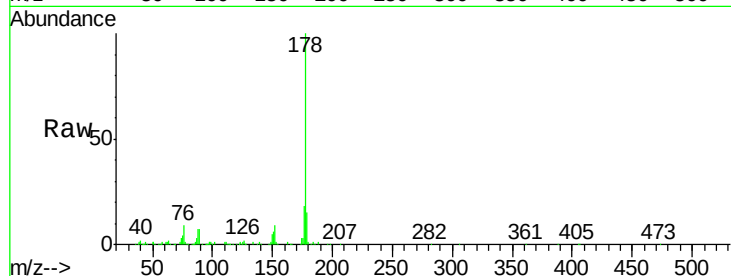
RT: 17.43 min Scan# 2483

Delta R.T. -0.00 min

Lab File: BG018438.D

Acq: 14 Aug 2015 21:11

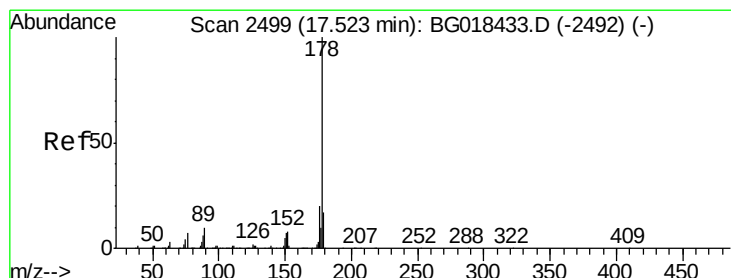
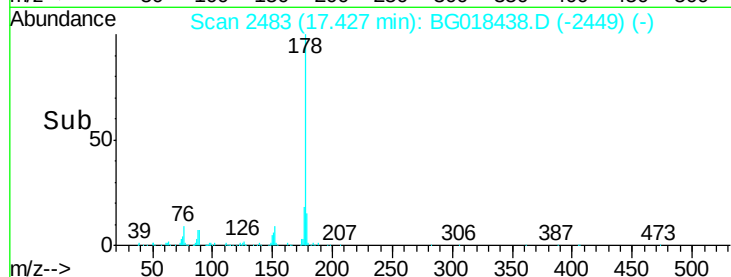
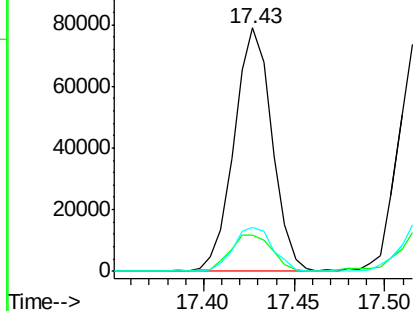
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 178   | Resp: | 114957 |
| Ion      | Ratio | Lower | Upper  |
| 178      | 100   |       |        |
| 179      | 15.1  | 13.7  | 20.5   |
| 176      | 18.0  | 16.6  | 24.8   |



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 3.32 ng/ul

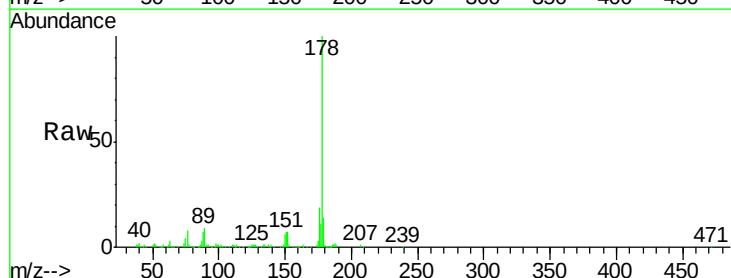
RT: 17.52 min Scan# 2499

Delta R.T. -0.00 min

Lab File: BG018438.D

Acq: 14 Aug 2015 21:11

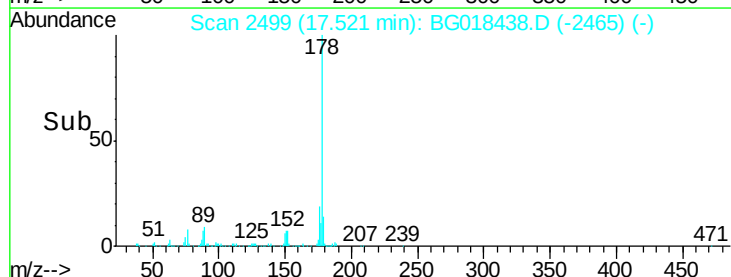
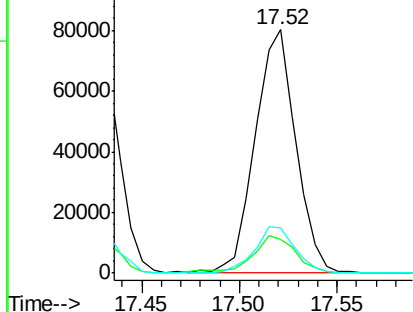
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 178   | Resp: | 115560 |
| Ion      | Ratio | Lower | Upper  |
| 178      | 100   |       |        |
| 179      | 14.1  | 13.0  | 19.4   |
| 176      | 18.7  | 16.0  | 24.0   |

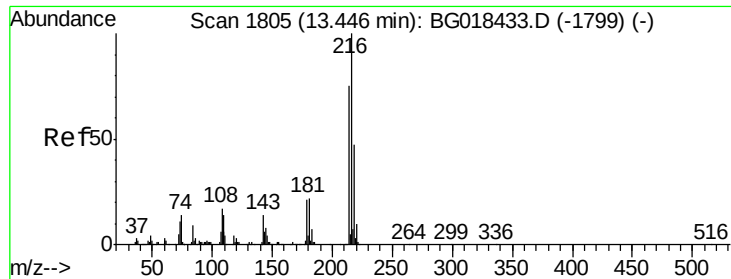


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#73

1,2,3,4-Tetrachlorobenzene

Concen: 2.67 ng/uL

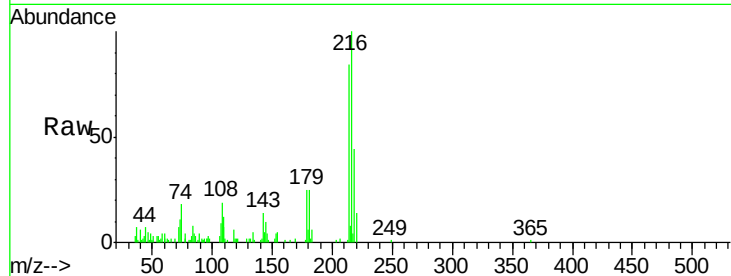
RT: 13.45 min Scan# 1806

Delta R.T. 0.00 min

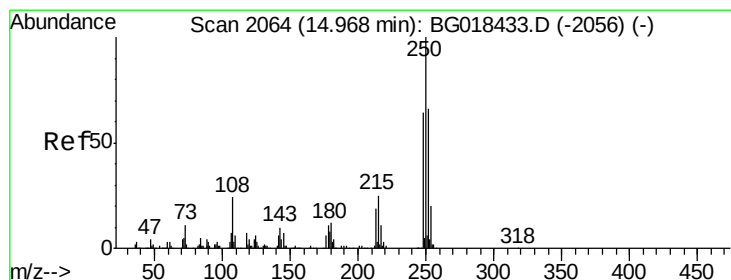
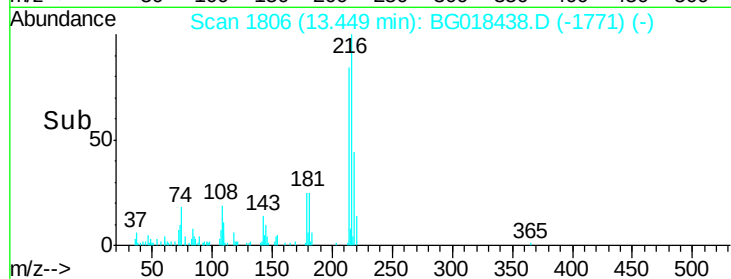
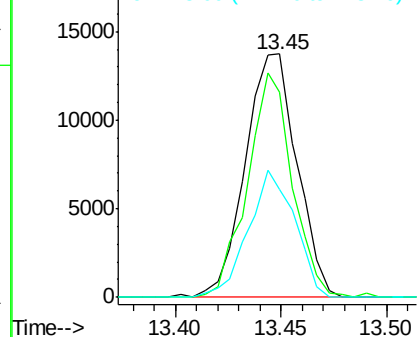
Lab File: BG018438.D

Acq: 14 Aug 2015 21:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 216   | Resp: | 23287 |
| Ion      | Ratio | Lower | Upper |
| 216      | 100   |       |       |
| 214      | 84.5  | 64.0  | 96.0  |
| 218      | 44.2  | 38.7  | 58.1  |



Abundance Ion 216.00 (215.70 to 216.70): E  
Ion 214.00 (213.70 to 214.70): E  
Ion 218.00 (217.70 to 218.70): E



#74

Pentachlorobenzene

Concen: 2.85 ng/uL

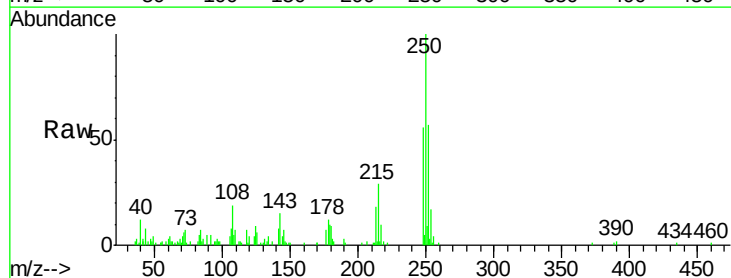
RT: 14.97 min Scan# 2064

Delta R.T. -0.00 min

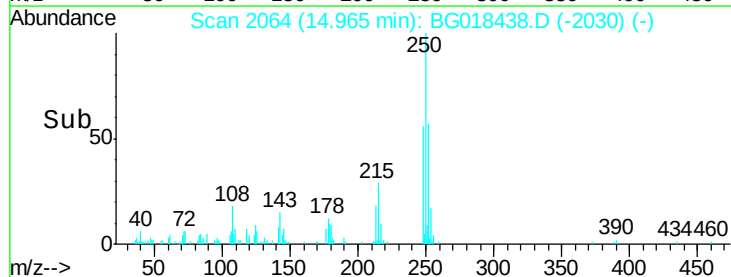
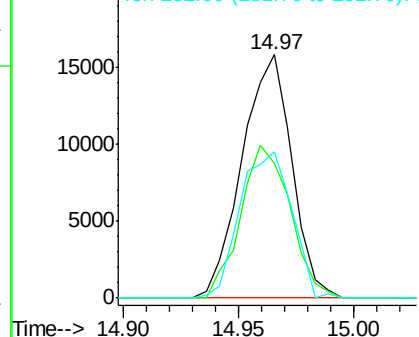
Lab File: BG018438.D

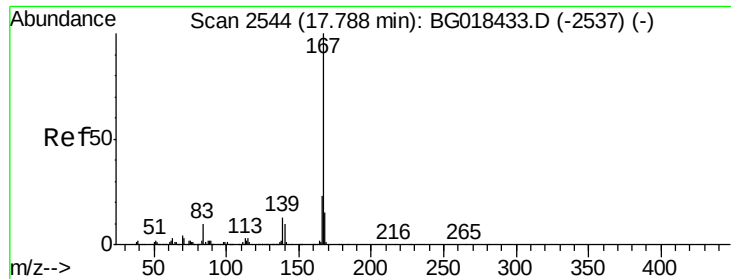
Acq: 14 Aug 2015 21:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 250   | Resp: | 23664 |
| Ion      | Ratio | Lower | Upper |
| 250      | 100   |       |       |
| 248      | 51.1  | 45.8  | 68.8  |
| 252      | 55.2  | 50.4  | 75.6  |



Abundance Ion 250.00 (249.70 to 250.70): E  
Ion 248.00 (247.70 to 248.70): E  
Ion 252.00 (251.70 to 252.70): E





#75

Carbazole

Concen: 3.47 ng/ul

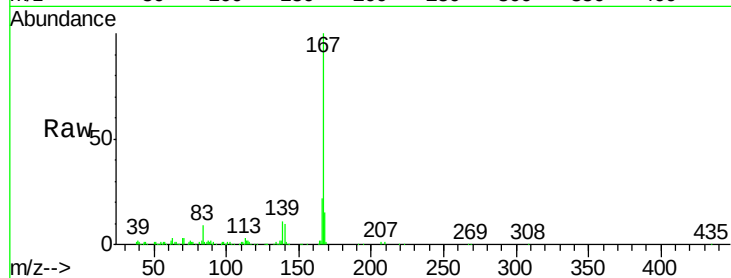
RT: 17.79 min Scan# 2544

Delta R.T. -0.00 min

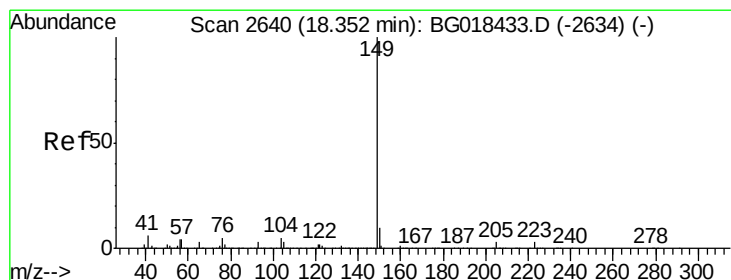
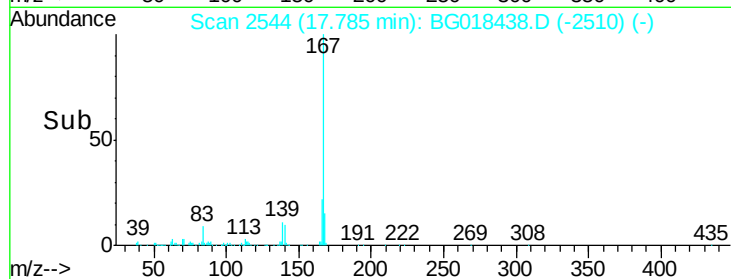
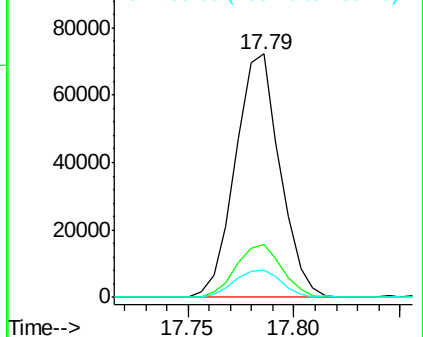
Lab File: BG018438.D

Acq: 14 Aug 2015 21:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 167   | Resp: | 105998 |
| Ion      | Ratio | Lower | Upper  |
| 167      | 100   |       |        |
| 166      | 21.7  | 18.9  | 28.3   |
| 139      | 11.4  | 10.1  | 15.1   |



Abundance Ion 167.00 (166.70 to 167.70): E  
Ion 166.00 (165.70 to 166.70): E  
Ion 139.00 (138.70 to 139.70): E



#76

Di-n-butylphthalate

Concen: 3.37 ng/ul

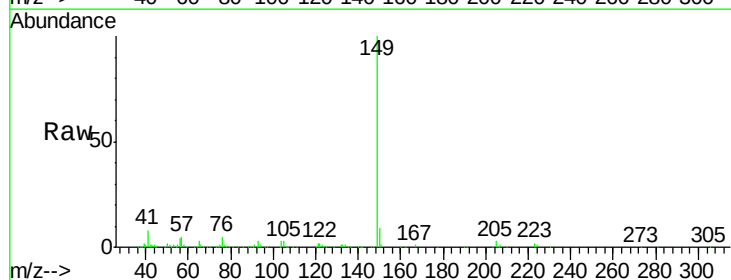
RT: 18.34 min Scan# 2639

Delta R.T. -0.01 min

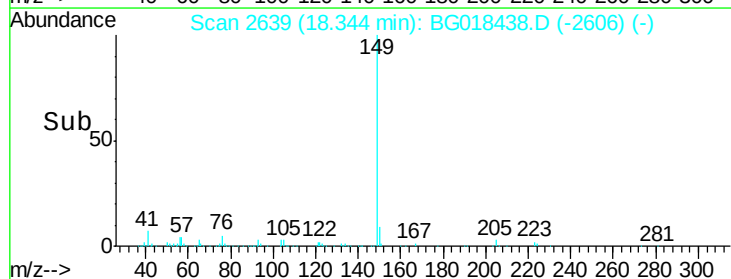
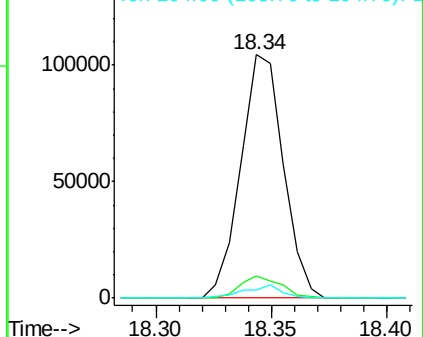
Lab File: BG018438.D

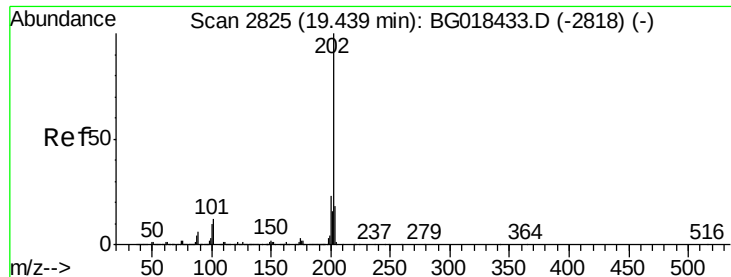
Acq: 14 Aug 2015 21:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 134117 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 150      | 9.4   | 7.5   | 11.3   |
| 104      | 3.3   | 4.3   | 6.5#   |



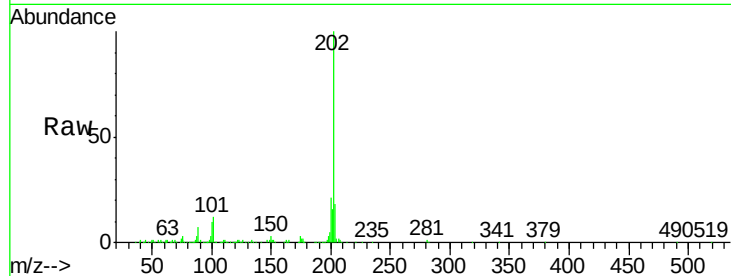
Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E



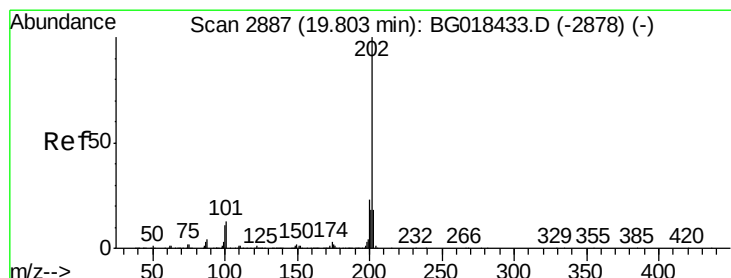
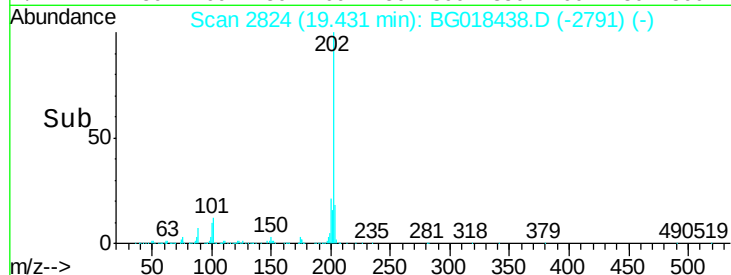
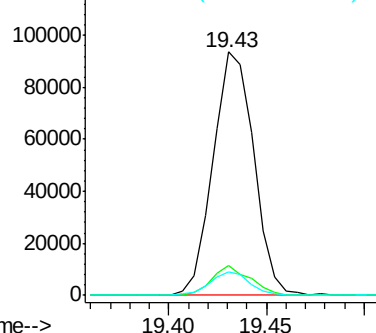


#77  
Fluoranthene  
Concen: 3.71 ng/ul  
RT: 19.43 min Scan# 2824  
Delta R.T. -0.01 min  
Lab File: BG018438.D  
Acq: 14 Aug 2015 21:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 12.5  | 9.7   | 14.5  |
| 100     | 9.9   | 7.8   | 11.8  |

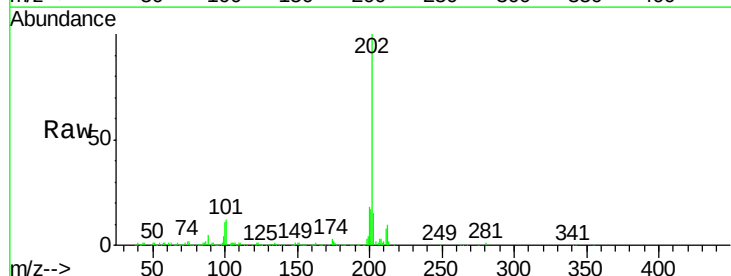


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 100.00 (99.70 to 100.70): B

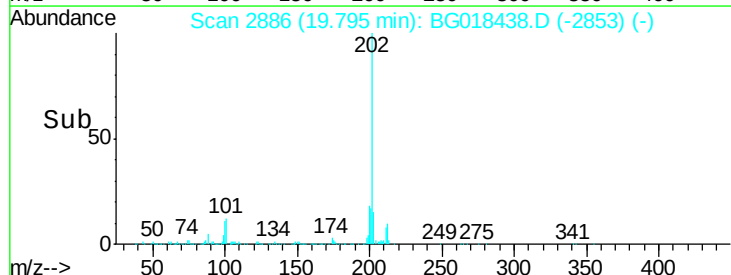
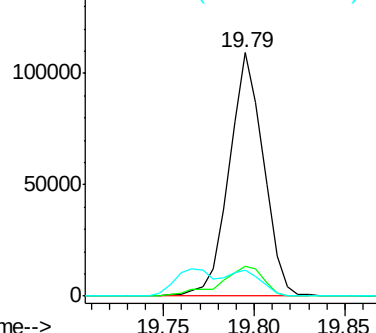


#80  
Pyrene  
Concen: 3.39 ng/ul  
RT: 19.79 min Scan# 2886  
Delta R.T. -0.01 min  
Lab File: BG018438.D  
Acq: 14 Aug 2015 21:11

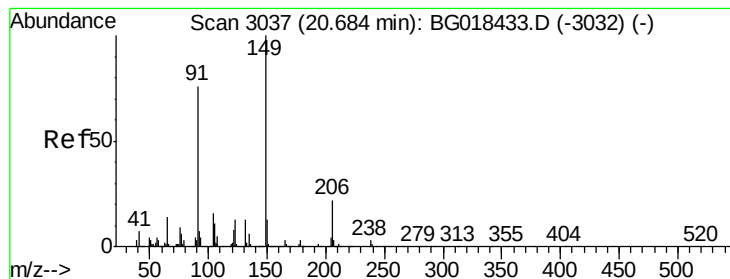
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 12.1  | 11.0  | 16.4  |
| 100     | 10.9  | 9.8   | 14.6  |



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 100.00 (99.70 to 100.70): B







#81

Butylbenzylphthalate

Concen: 3.21 ng/ul

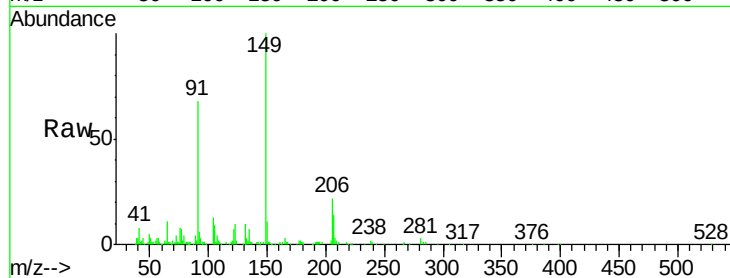
RT: 20.68 min Scan# 3037

Delta R.T. -0.00 min

Lab File: BG018438.D

Acq: 14 Aug 2015 21:11

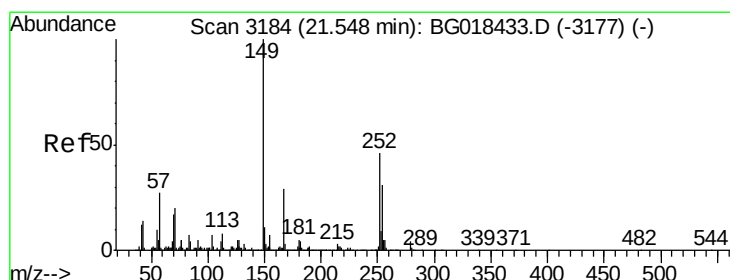
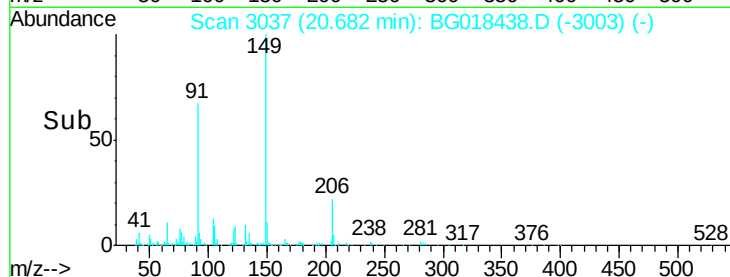
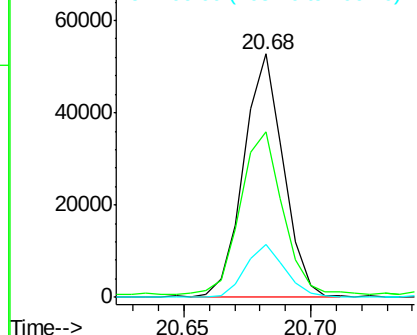
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 149   | Resp: | 57477 |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 91       | 67.7  | 57.9  | 86.9  |
| 206      | 21.5  | 17.9  | 26.9  |



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#82

3,3'-Dichlorobenzidine

Concen: 3.67 ng/ul

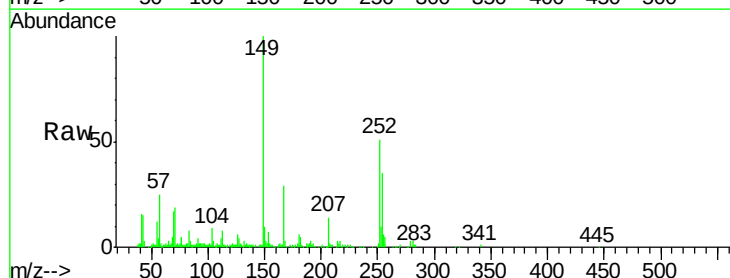
RT: 21.54 min Scan# 3183

Delta R.T. -0.01 min

Lab File: BG018438.D

Acq: 14 Aug 2015 21:11

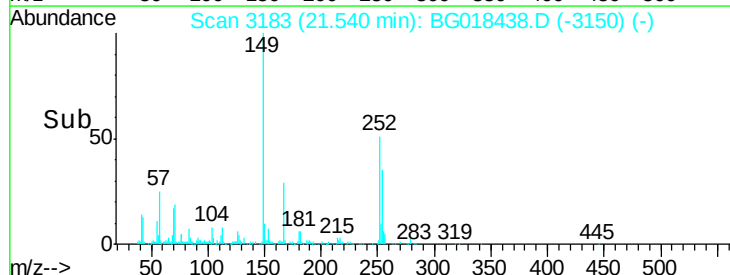
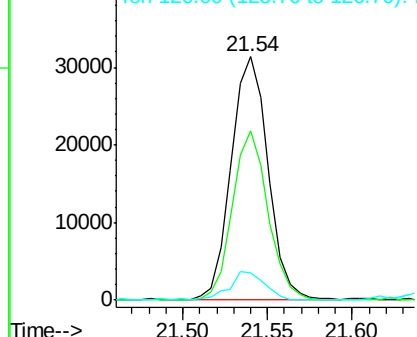
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 252   | Resp: | 47717 |
| Ion      | Ratio | Lower | Upper |
| 252      | 100   |       |       |
| 254      | 69.4  | 50.9  | 76.3  |
| 126      | 11.1  | 9.6   | 14.4  |

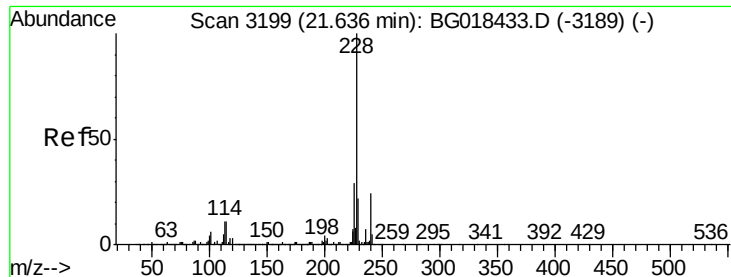


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Benzo(a)anthracene

Concen: 3.30 ng/ul

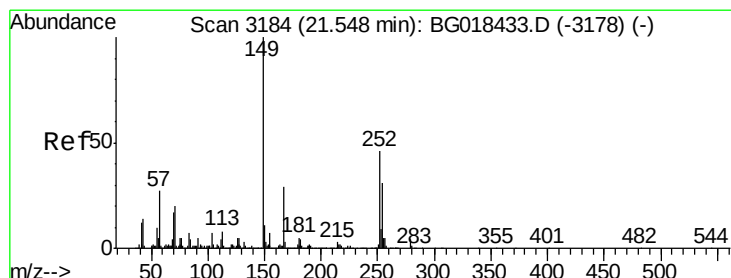
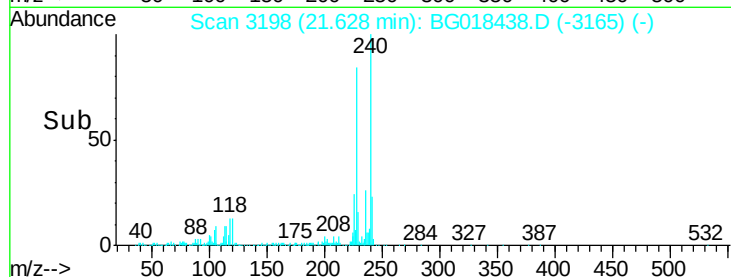
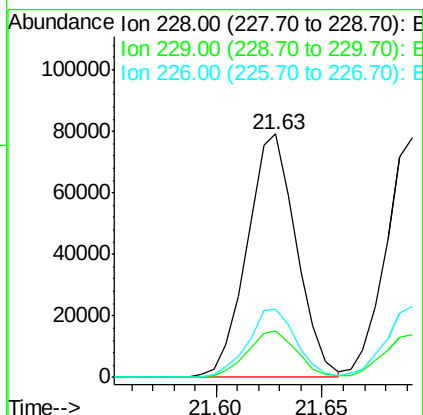
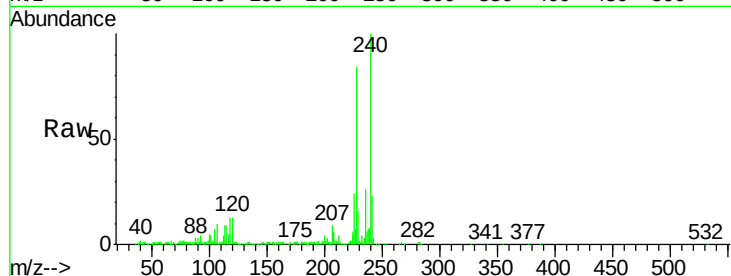
RT: 21.63 min Scan# 3198

Delta R.T. -0.01 min

Lab File: BG018438.D

Acq: 14 Aug 2015 21:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 228   | Resp: | 127898 |
| Ion      | Ratio | Lower | Upper  |
| 228      | 100   |       |        |
| 229      | 19.1  | 15.5  | 23.3   |
| 226      | 27.9  | 22.1  | 33.1   |



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.31 ng/ul

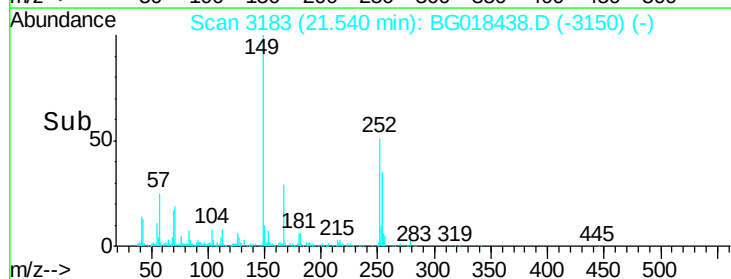
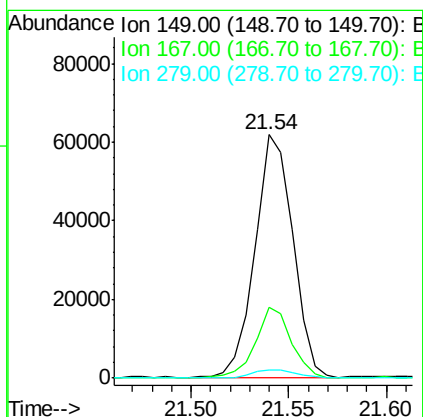
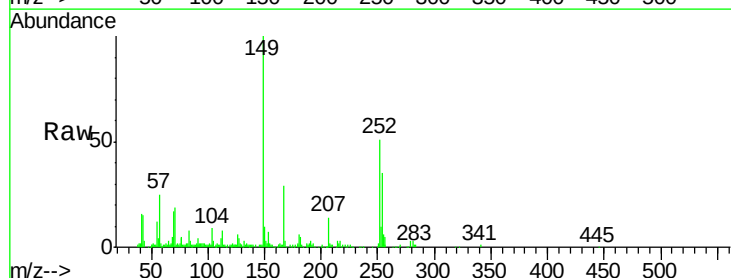
RT: 21.54 min Scan# 3183

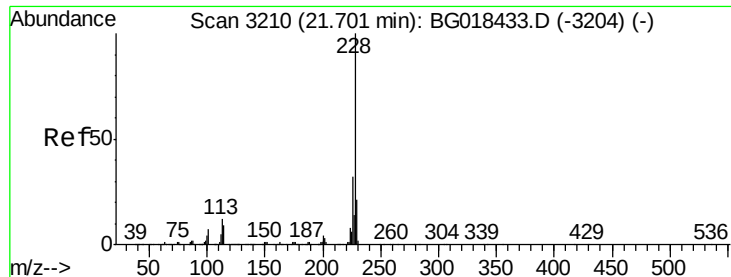
Delta R.T. -0.01 min

Lab File: BG018438.D

Acq: 14 Aug 2015 21:11

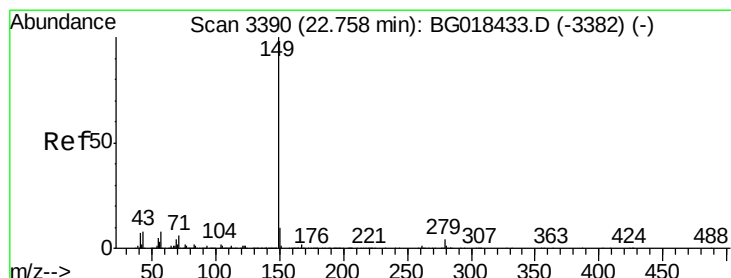
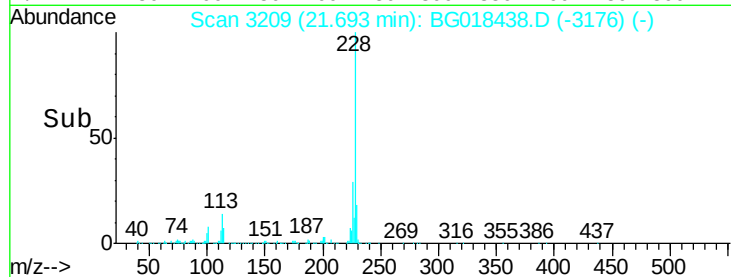
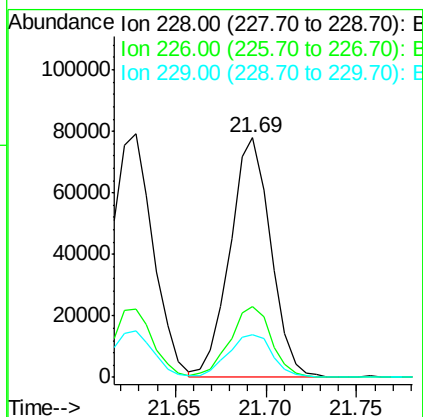
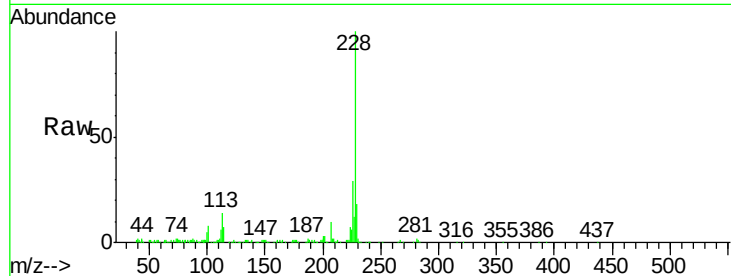
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 149   | Resp: | 83725 |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 167      | 29.0  | 22.2  | 33.2  |
| 279      | 3.2   | 2.8   | 4.2   |





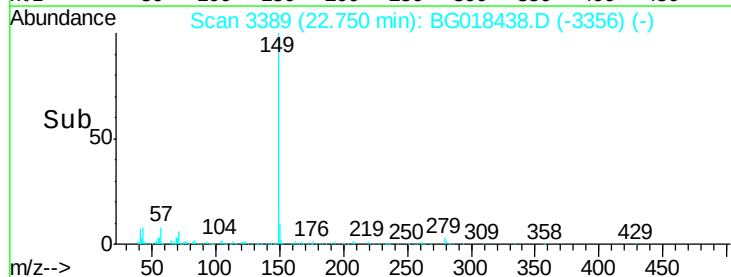
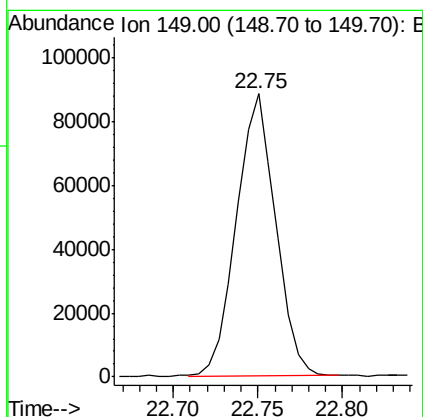
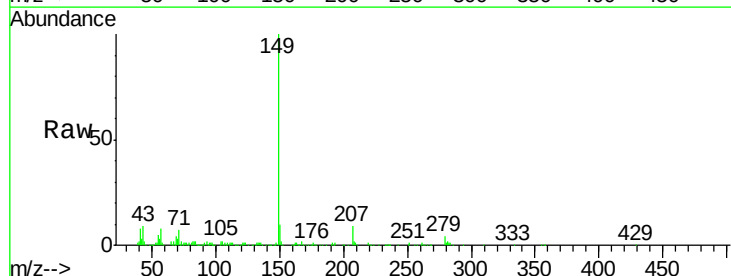
#85  
Chrysene  
Concen: 3.36 ng/ul  
RT: 21.69 min Scan# 3209  
Delta R.T. -0.01 min  
Lab File: BG018438.D  
Acq: 14 Aug 2015 21:11

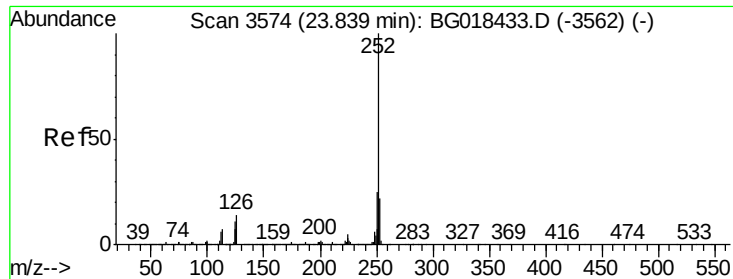
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.5  | 26.5  | 39.7  |
| 229     | 18.0  | 16.9  | 25.3  |



#87  
Di-n-octyl phthalate  
Concen: 3.58 ng/ul  
RT: 22.75 min Scan# 3389  
Delta R.T. -0.01 min  
Lab File: BG018438.D  
Acq: 14 Aug 2015 21:11

Tgt Ion:149 Resp: 142266





#88

Benzo(b)fluoranthene

Concen: 3.17 ng/ul m

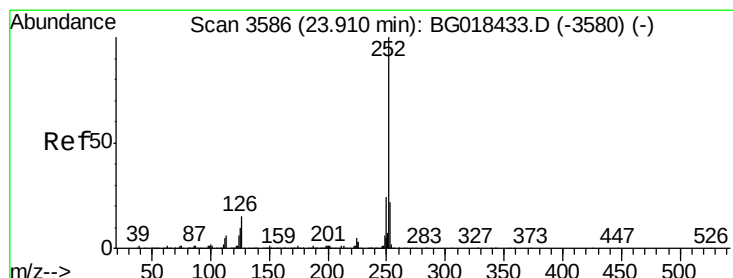
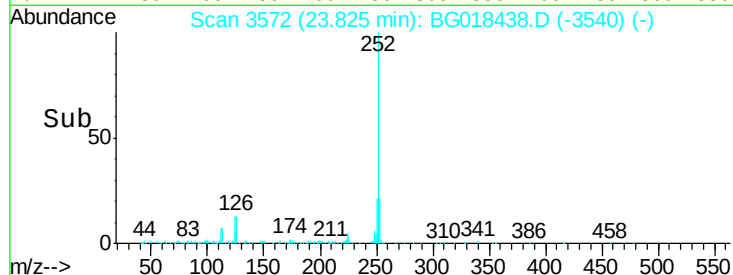
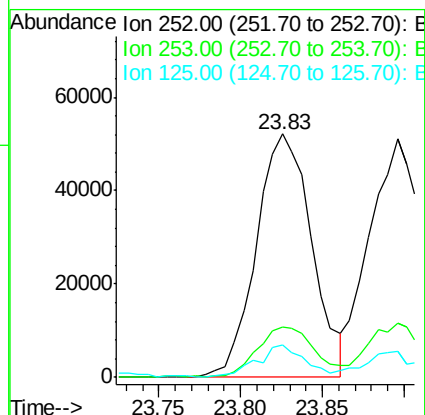
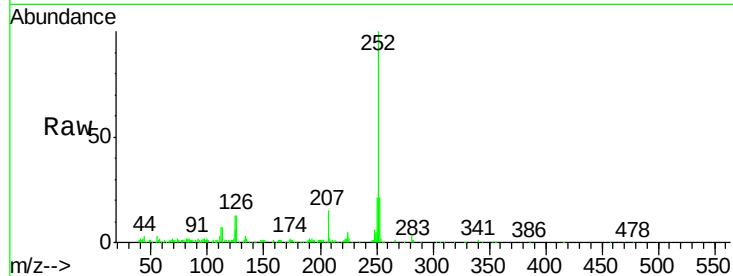
RT: 23.83 min Scan# 3572

Delta R.T. -0.01 min

Lab File: BG018438.D

Acq: 14 Aug 2015 21:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 122800 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 20.7  | 18.1  | 27.1   |
| 125       | 13.3  | 8.3   | 12.5#  |



#89

Benzo(k)fluoranthene

Concen: 3.17 ng/ul

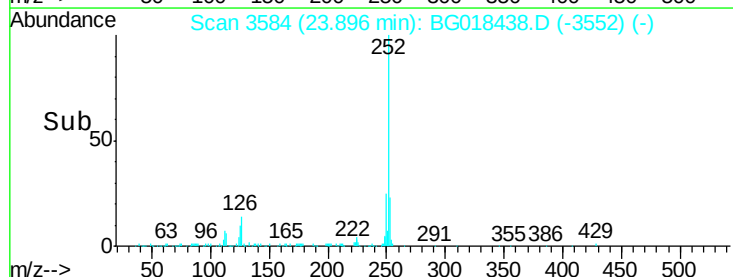
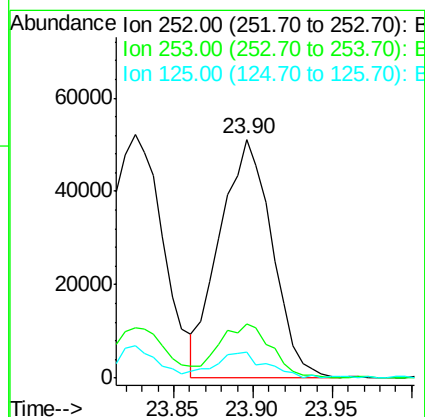
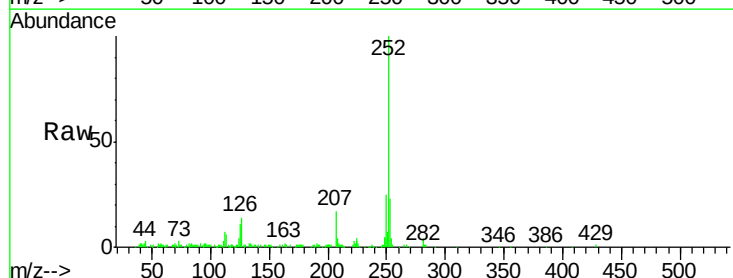
RT: 23.90 min Scan# 3584

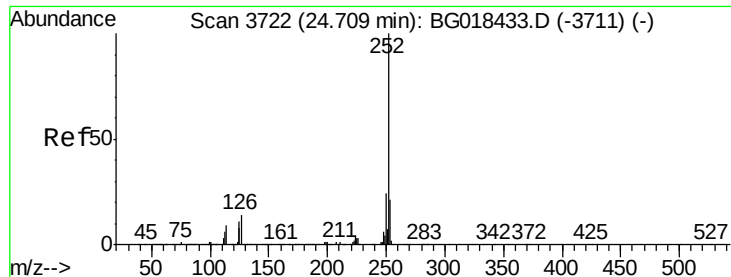
Delta R.T. -0.01 min

Lab File: BG018438.D

Acq: 14 Aug 2015 21:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 117920 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.5  | 17.8  | 26.6   |
| 125       | 10.9  | 9.0   | 13.4   |





#91

Benzo(a)pyrene

Concen: 3.18 ng/ul

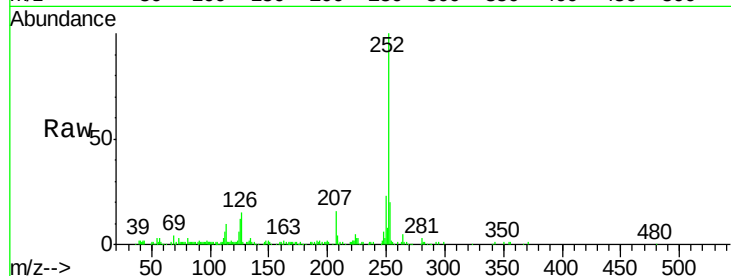
RT: 24.70 min Scan# 3720

Delta R.T. -0.01 min

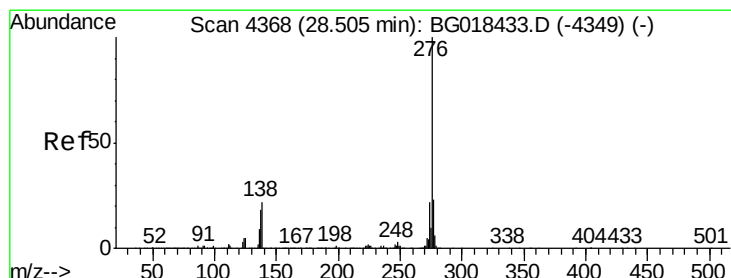
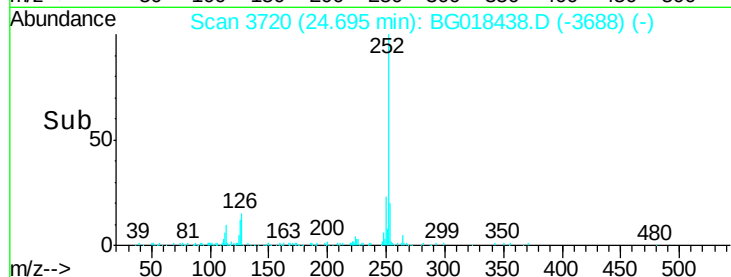
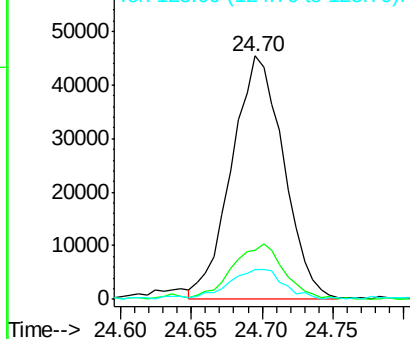
Lab File: BG018438.D

Acq: 14 Aug 2015 21:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 116794 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 253      | 20.1  | 17.7  | 26.5   |
| 125      | 12.3  | 10.2  | 15.2   |



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 3.11 ng/ul m

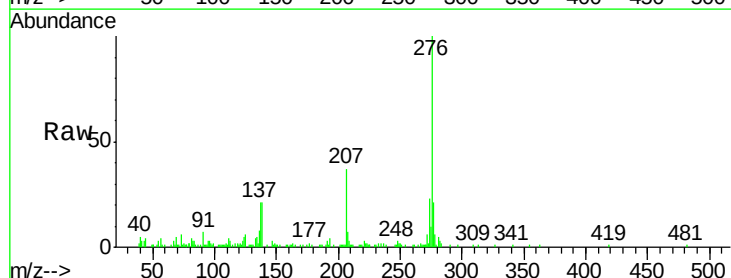
RT: 28.48 min Scan# 4364

Delta R.T. -0.03 min

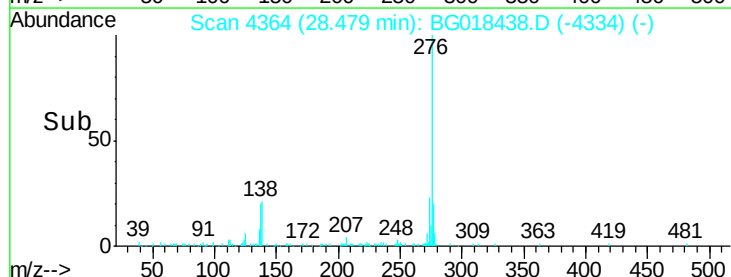
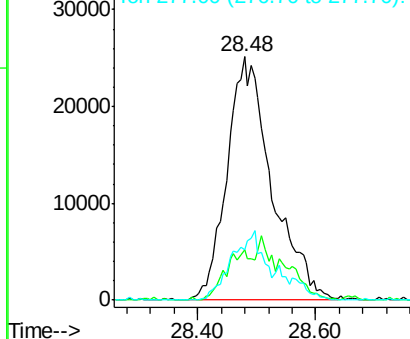
Lab File: BG018438.D

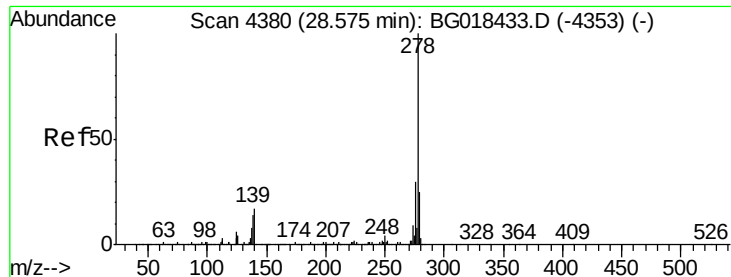
Acq: 14 Aug 2015 21:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 276   | Resp: | 132553 |
| Ion      | Ratio | Lower | Upper  |
| 276      | 100   |       |        |
| 138      | 20.5  | 15.8  | 23.6   |
| 277      | 20.8  | 18.9  | 28.3   |



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





#93

Dibenzo(a,h)anthracene

Concen: 3.09 ng/ul

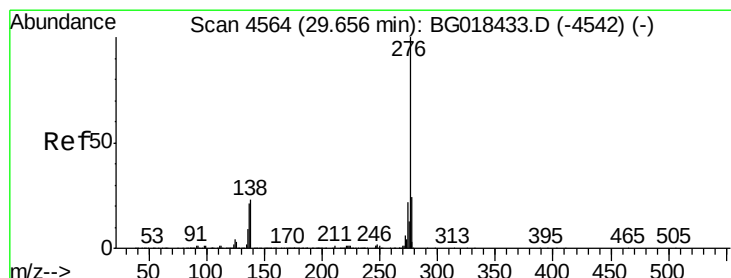
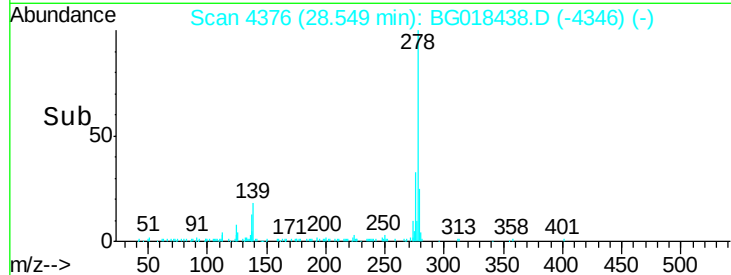
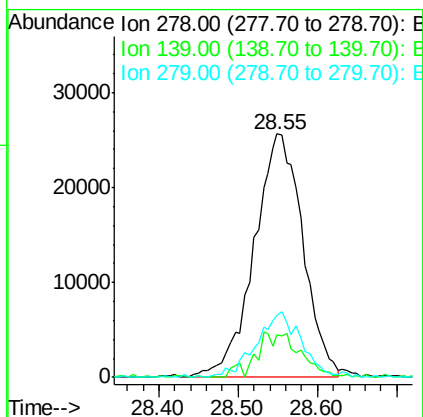
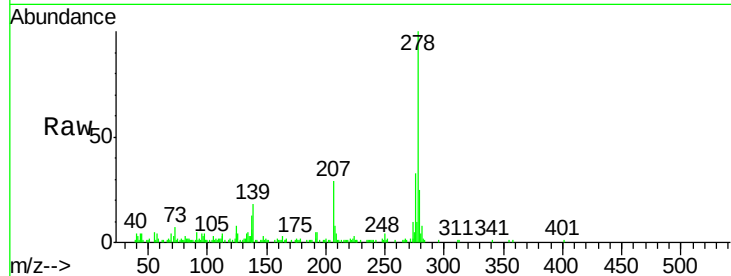
RT: 28.55 min Scan# 4376

Delta R.T. -0.03 min

Lab File: BG018438.D

Acq: 14 Aug 2015 21:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 278   | Resp: | 109251 |
| Ion      | Ratio | Lower | Upper  |
| 278      | 100   |       |        |
| 139      | 17.8  | 13.8  | 20.6   |
| 279      | 25.4  | 17.8  | 26.8   |



#94

Benzo(g,h,i)perylene

Concen: 3.03 ng/ul m

RT: 29.62 min Scan# 4558

Delta R.T. -0.04 min

Lab File: BG018438.D

Acq: 14 Aug 2015 21:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 276   | Resp: | 108276 |
| Ion      | Ratio | Lower | Upper  |
| 276      | 100   |       |        |
| 138      | 19.5  | 16.5  | 24.7   |
| 277      | 26.6  | 19.0  | 28.6   |

