

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG110818\  
 Data File : BG037901.D  
 Acq On : 9 Nov 2018 2:23  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 09 14:43:40 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG101818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 18 14:06:42 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.09  | 152  | 60197    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.91 | 136  | 278623   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 14.73 | 164  | 177847   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 17.48 | 188  | 438175   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.76 | 240  | 406511   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 25.08 | 264  | 419183   | 20.00 | ng    | -0.03    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.63  | 112  | 283406   | 78.71 | ng    | -0.02    |
| 7) Phenol-d6                | 7.24  | 99   | 424317   | 77.93 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 9.27  | 82   | 402803   | 80.99 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.22 | 330  | 172364   | 88.86 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.35 | 172  | 941172   | 79.80 | ng    | -0.02    |
| 79) Terphenyl-d14           | 20.07 | 244  | 1481354  | 77.87 | ng    | -0.02    |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.53  | 88   | 69635    | 38.136 | ng    | 97     |
| 3) Pyridine                    | 3.93  | 79   | 172587   | 37.501 | ng    | 95     |
| 4) n-Nitrosodimethylamine      | 3.85  | 42   | 65845    | 40.168 | ng    | 93     |
| 6) Aniline                     | 7.42  | 93   | 262604   | 39.537 | ng    | 97     |
| 8) 2-Chlorophenol              | 7.65  | 128  | 166931   | 39.631 | ng    | 97     |
| 9) Benzaldehyde                | 7.24  | 77   | 116596   | 34.234 | ng    | 90     |
| 10) Phenol                     | 7.26  | 94   | 225576   | 39.267 | ng    | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.51  | 93   | 169898   | 38.940 | ng    | 94     |
| 12) 1,3-Dichlorobenzene        | 7.98  | 146  | 187704   | 40.028 | ng    | 99     |
| 13) 1,4-Dichlorobenzene        | 8.13  | 146  | 192010   | 40.030 | ng    | 98     |
| 14) 1,2-Dichlorobenzene        | 8.45  | 146  | 182313   | 39.512 | ng    | 98     |
| 15) Benzyl Alcohol             | 8.33  | 79   | 153848   | 38.242 | ng    | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.62  | 45   | 312491   | 40.028 | ng    | 97     |
| 17) 2-Methylphenol             | 8.53  | 107  | 148955   | 39.221 | ng    | 98     |
| 18) Hexachloroethane           | 9.17  | 117  | 69797    | 42.682 | ng    | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.90  | 70   | 143332   | 38.230 | ng    | 95     |
| 20) 3+4-Methylphenols          | 8.86  | 107  | 212713   | 39.174 | ng    | 98     |
| 22) Acetophenone               | 8.92  | 105  | 263432   | 37.699 | ng    | 99     |
| 24) Nitrobenzene               | 9.32  | 77   | 207316   | 40.123 | ng    | 94     |
| 25) Isophorone                 | 9.83  | 82   | 351711   | 38.701 | ng    | 97     |
| 26) 2-Nitrophenol              | 10.03 | 139  | 105840   | 45.470 | ng    | 98     |
| 27) 2,4-Dimethylphenol         | 10.07 | 122  | 161045   | 38.750 | ng    | 93     |
| 28) bis(2-Chloroethoxy)methane | 10.31 | 93   | 233855   | 39.276 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 10.55 | 162  | 188609   | 40.760 | ng    | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.77 | 180  | 204440   | 40.627 | ng    | 99     |
| 31) Naphthalene                | 10.97 | 128  | 540307   | 39.481 | ng    | 100    |
| 32) Benzoic acid               | 10.20 | 122  | 114621   | 42.462 | ng    | 99     |
| 33) 4-Chloroaniline            | 11.08 | 127  | 251663   | 39.138 | ng    | 98     |
| 34) Hexachlorobutadiene        | 11.22 | 225  | 124262   | 41.665 | ng    | 97     |
| 35) Caprolactam                | 11.87 | 113  | 79825    | 43.013 | ng    | 95     |
| 36) 4-Chloro-3-methylphenol    | 12.18 | 107  | 201253   | 38.565 | ng    | 99     |
| 37) 2-Methylnaphthalene        | 12.56 | 142  | 397179   | 39.813 | ng    | 99     |
| 38) 1-Methylnaphthalene        | 12.78 | 142  | 383598   | 39.595 | ng    | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.92 | 216  | 240660   | 41.952 | ng    | 99     |

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 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

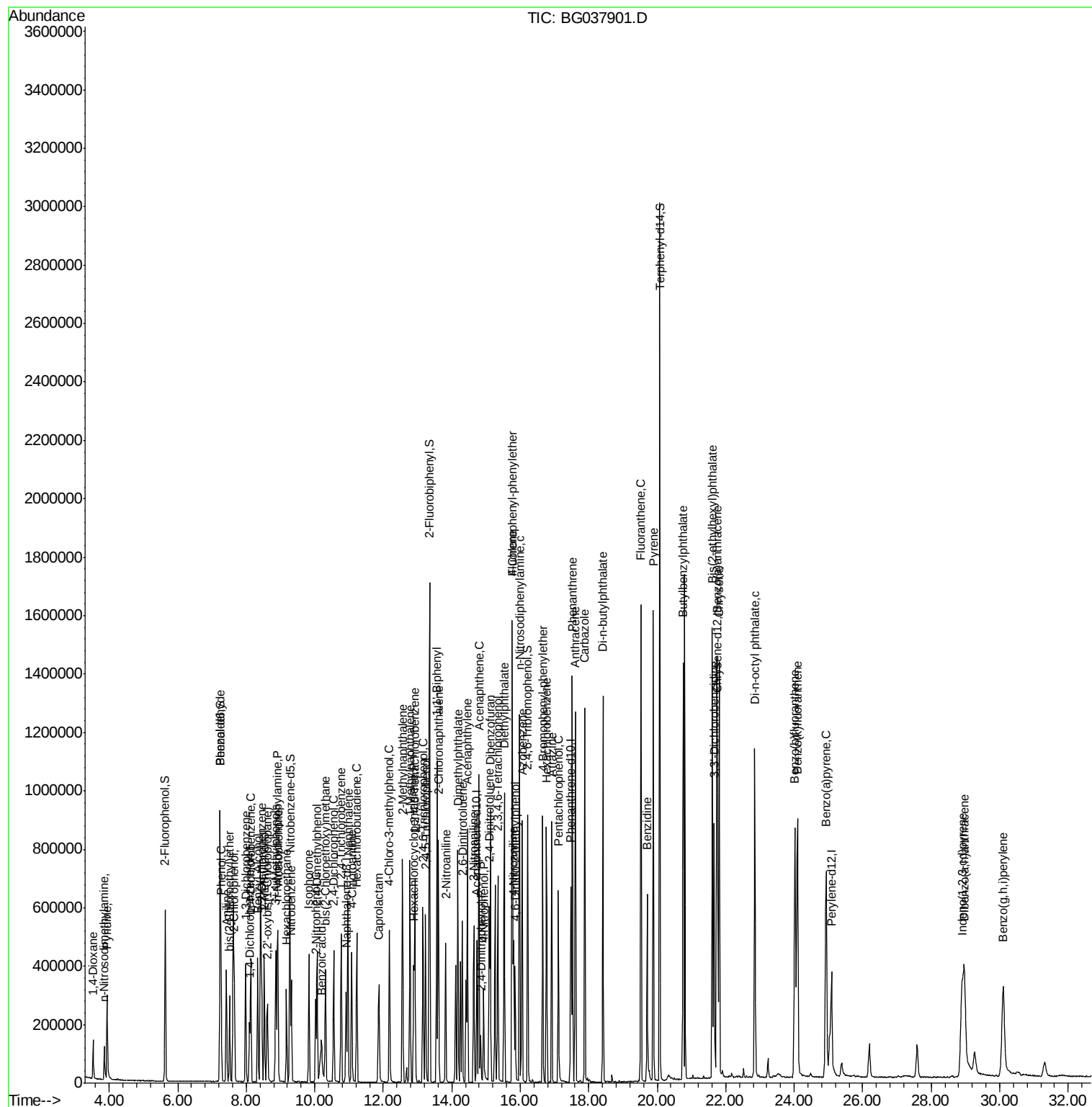
Quant Time: Nov 09 14:43:40 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG101818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 18 14:06:42 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.89 | 237  | 121569   | 44.365 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.16 | 196  | 161038   | 42.019 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.23 | 196  | 172449   | 41.328 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.56 | 154  | 593305   | 40.282 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.61 | 162  | 448206   | 40.223 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.82 | 65   | 149533   | 44.252 | ng    | 97       |
| 49) Acenaphthylene             | 14.46 | 152  | 675598   | 40.305 | ng    | 99       |
| 50) Dimethylphthalate          | 14.18 | 163  | 565122   | 41.074 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.31 | 165  | 133042   | 43.711 | ng    | 92       |
| 52) Acenaphthene               | 14.79 | 154  | 409220   | 39.641 | ng    | 98       |
| 53) 3-Nitroaniline             | 14.64 | 138  | 149914   | 44.368 | ng    | # 94     |
| 54) 2,4-Dinitrophenol          | 14.84 | 184  | 46157    | 47.389 | ng    | 99       |
| 55) Dibenzofuran               | 15.13 | 168  | 673168   | 39.358 | ng    | 100      |
| 56) 4-Nitrophenol              | 14.93 | 139  | 105673   | 42.251 | ng    | 99       |
| 57) 2,4-Dinitrotoluene         | 15.09 | 165  | 190143   | 47.591 | ng    | # 97     |
| 58) Fluorene                   | 15.77 | 166  | 506973   | 39.582 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.34 | 232  | 154259   | 43.178 | ng    | 100      |
| 60) Diethylphthalate           | 15.53 | 149  | 608249   | 43.061 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.76 | 204  | 298722   | 40.014 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.81 | 138  | 149328   | 44.476 | ng    | 94       |
| 63) Azobenzene                 | 16.05 | 77   | 536783   | 39.829 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.85 | 198  | 100706   | 44.542 | ng    | 96       |
| 66) n-Nitrosodiphenylamine     | 15.98 | 169  | 520708   | 39.506 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.65 | 248  | 190131   | 39.513 | ng    | 98       |
| 68) Hexachlorobenzene          | 16.77 | 284  | 198304   | 39.763 | ng    | 96       |
| 69) Atrazine                   | 16.92 | 200  | 172246   | 36.145 | ng    | 99       |
| 70) Pentachlorophenol          | 17.11 | 266  | 136700   | 40.922 | ng    | 97       |
| 71) Phenanthrene               | 17.52 | 178  | 877993   | 39.426 | ng    | 99       |
| 72) Anthracene                 | 17.61 | 178  | 881660   | 40.343 | ng    | 98       |
| 73) Carbazole                  | 17.88 | 167  | 900347   | 41.185 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.42 | 149  | 1020752  | 41.975 | ng    | 100      |
| 75) Fluoranthene               | 19.52 | 202  | 1016790  | 40.257 | ng    | 98       |
| 77) Benzidine                  | 19.70 | 184  | 435783   | 31.527 | ng    | 100      |
| 78) Pyrene                     | 19.89 | 202  | 1043168  | 39.255 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.75 | 149  | 465682   | 42.818 | ng    | 97       |
| 81) Benzo(a)anthracene         | 21.74 | 228  | 954618   | 39.702 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.65 | 252  | 363997   | 39.056 | ng    | 99       |
| 83) Chrysene                   | 21.81 | 228  | 926142   | 40.057 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.61 | 149  | 660400   | 43.320 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.85 | 149  | 1093569  | 43.991 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.90 | 276  | 852882   | 34.393 | ng    | # 90     |
| 88) Benzo(b)fluoranthene       | 24.02 | 252  | 924757   | 40.240 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 24.09 | 252  | 905301   | 40.208 | ng    | 97       |
| 90) Benzo(a)pyrene             | 24.93 | 252  | 881657   | 40.374 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene     | 28.97 | 278  | 694523   | 34.479 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 30.10 | 276  | 693684   | 34.039 | ng    | 99       |

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

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ALS Vial : 2 Sample Multiplier: 1

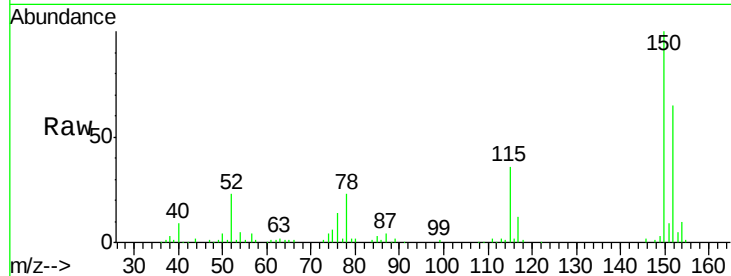
Quant Time: Nov 09 14:43:40 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG101818.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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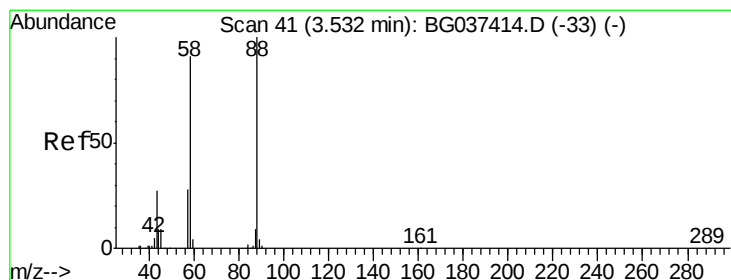
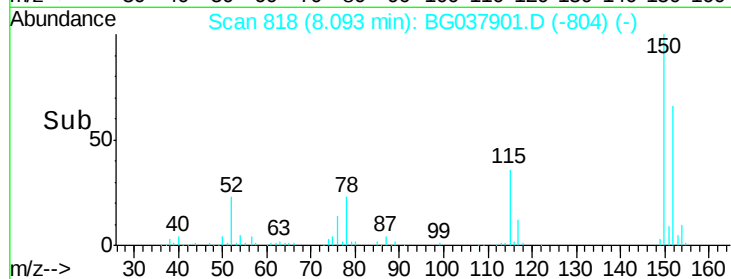
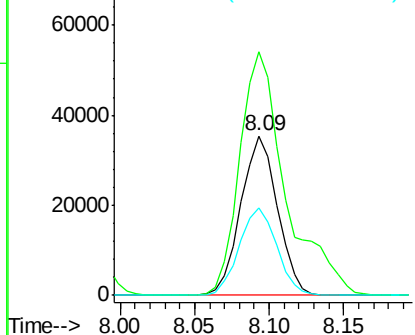


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.09 min Scan# 818  
 Delta R.T. -0.02 min  
 Lab File: BG037901.D  
 Acq: 9 Nov 2018 2:23

Tgt Ion: 152 Resp: 60197  
 Ion Ratio Lower Upper  
 152 100  
 150 152.7 126.0 189.0  
 115 55.0 45.5 68.3

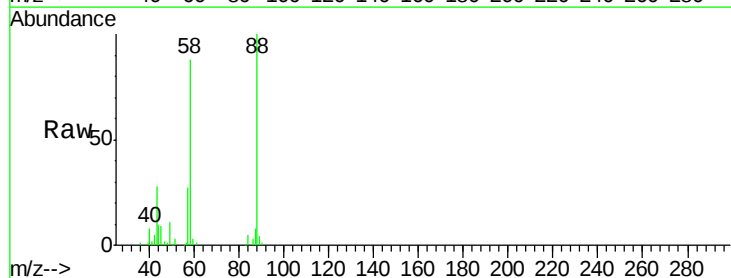


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

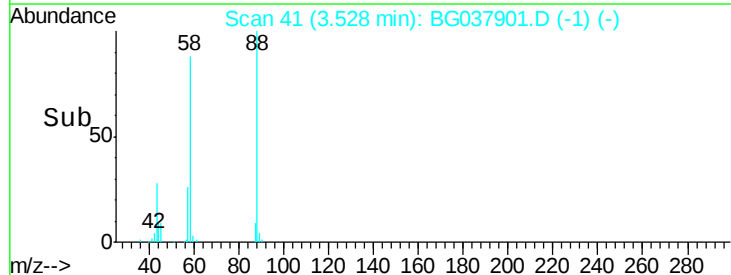
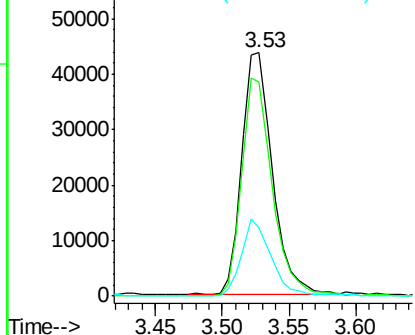


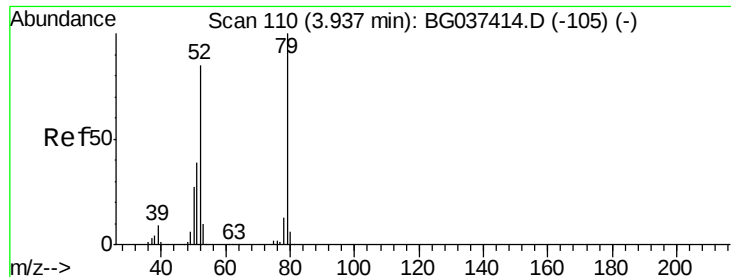
#2  
 1,4-Dioxane  
 Concen: 38.136 ng  
 RT: 3.53 min Scan# 41  
 Delta R.T. -0.00 min  
 Lab File: BG037901.D  
 Acq: 9 Nov 2018 2:23

Tgt Ion: 88 Resp: 69635  
 Ion Ratio Lower Upper  
 88 100  
 58 89.5 74.4 111.6  
 43 30.5 25.8 38.8



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





#3

Pyridine

Concen: 37.501 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037901.D

Acq: 9 Nov 2018 2:23

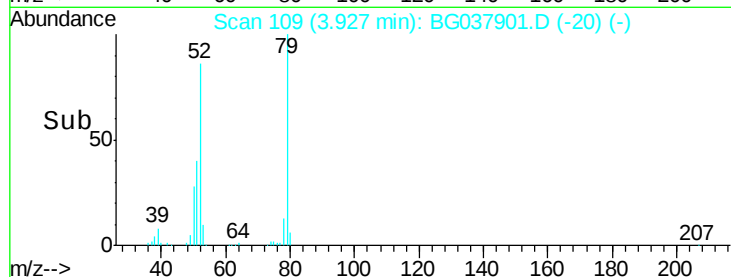
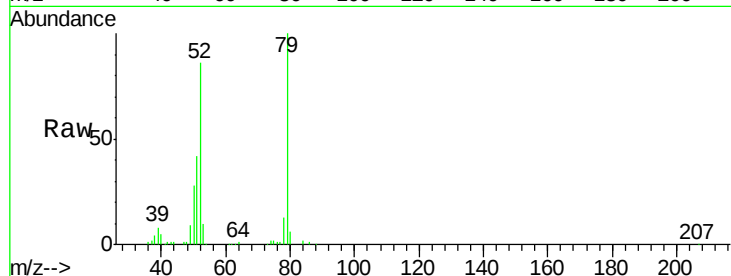
Tgt Ion: 79 Resp: 172587

Ion Ratio Lower Upper

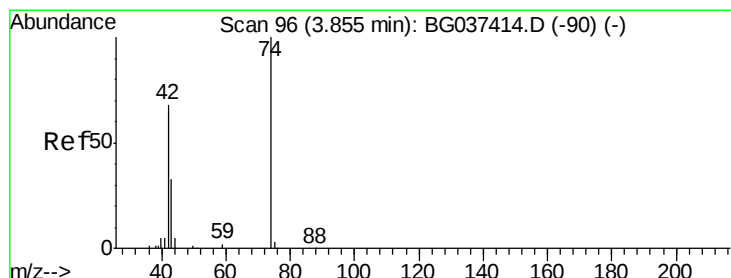
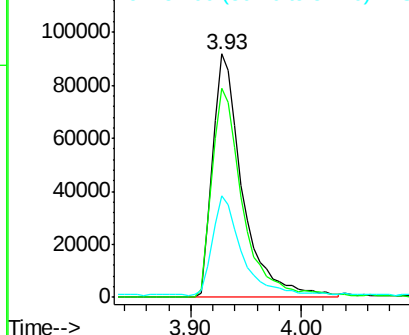
79 100

52 86.0 74.2 111.2

51 41.9 34.6 51.8



Abundance Ion 79.00 (78.70 to 79.70): BGC  
Ion 52.00 (51.70 to 52.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 40.168 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG037901.D

Acq: 9 Nov 2018 2:23

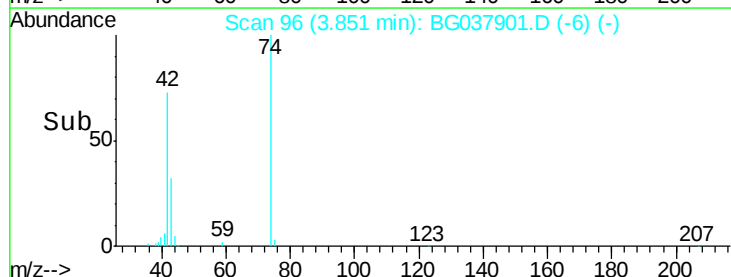
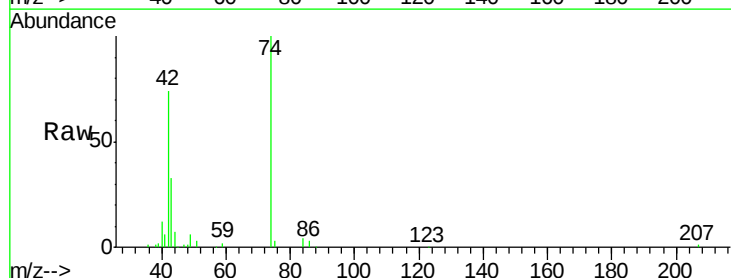
Tgt Ion: 42 Resp: 65845

Ion Ratio Lower Upper

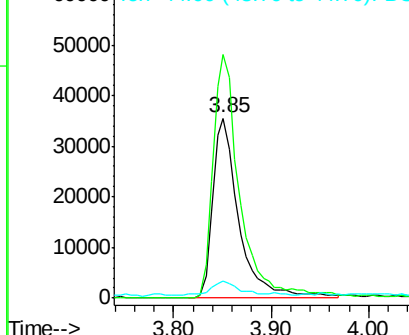
42 100

74 135.4 102.0 153.0

44 9.8 9.6 14.4



Abundance Ion 42.00 (41.70 to 42.70): BGC  
Ion 74.00 (73.70 to 74.70): BGC  
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 78.710 ng

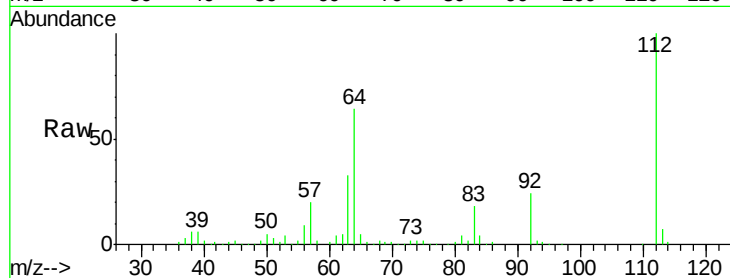
RT: 5.63 min Scan# 399

Delta R.T. -0.02 min

Lab File: BG037901.D

Acq: 9 Nov 2018 2:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 112   | Resp: | 283406 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 64.4  | 53.1  | 79.7   |
| 63       | 32.9  | 27.3  | 40.9   |

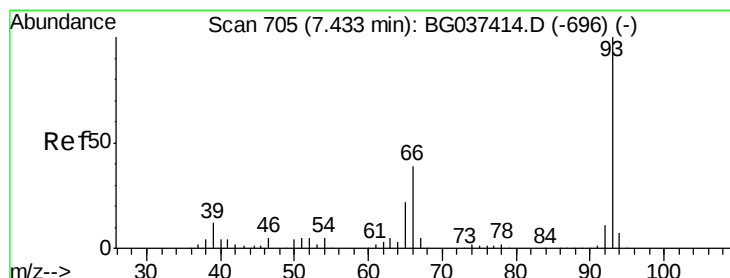
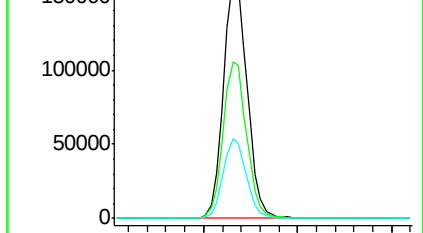
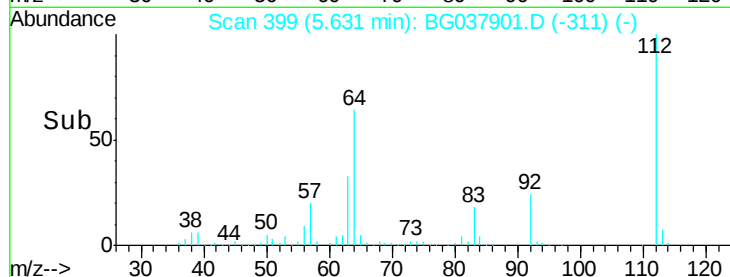


Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Time-->



#6

Aniline

Concen: 39.537 ng

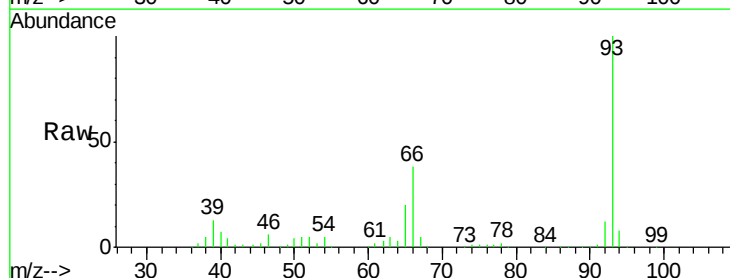
RT: 7.42 min Scan# 703

Delta R.T. -0.02 min

Lab File: BG037901.D

Acq: 9 Nov 2018 2:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 262604 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 38.3  | 32.8  | 49.2   |
| 65       | 19.9  | 16.4  | 24.6   |

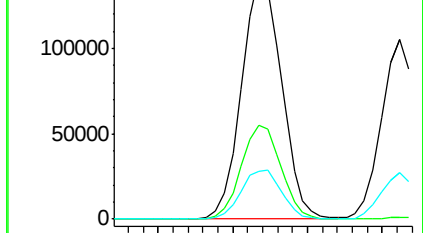
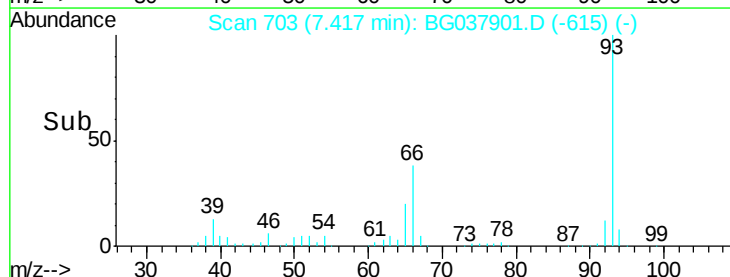


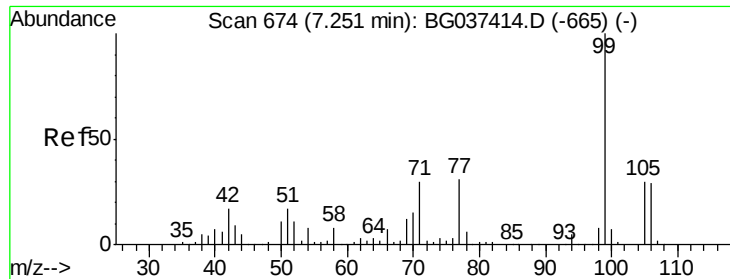
Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Time-->





#7

Phenol-d6

Concen: 77.934 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG037901.D

Acq: 9 Nov 2018 2:23

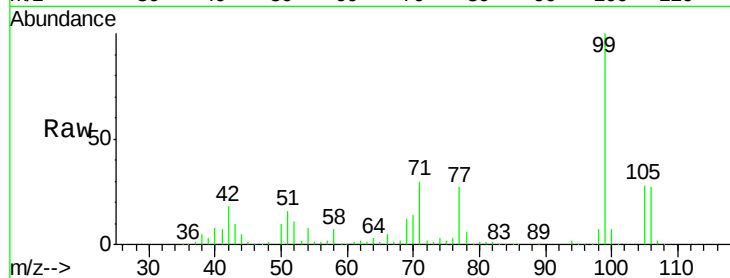
Tgt Ion: 99 Resp: 424317

Ion Ratio Lower Upper

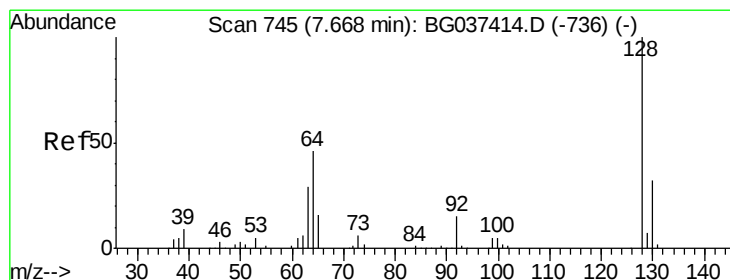
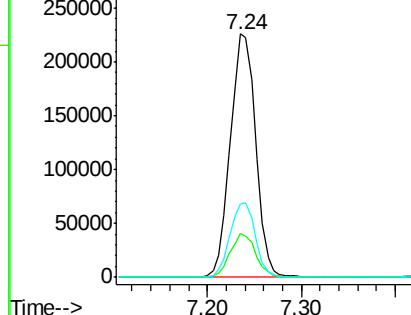
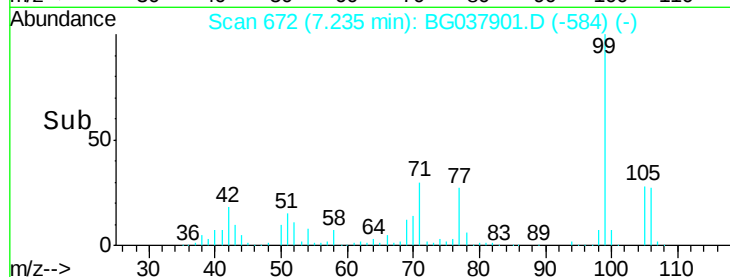
99 100

42 17.8 15.0 22.4

71 30.1 25.5 38.3



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



#8

2-Chlorophenol

Concen: 39.631 ng

RT: 7.65 min Scan# 743

Delta R.T. -0.02 min

Lab File: BG037901.D

Acq: 9 Nov 2018 2:23

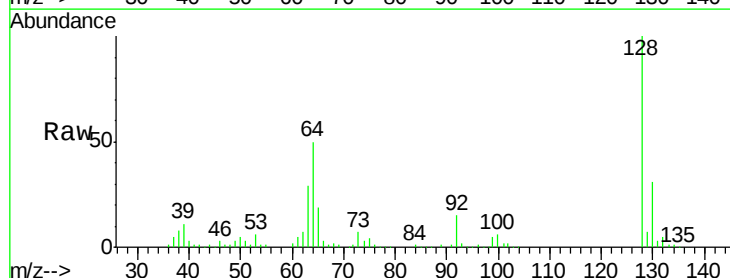
Tgt Ion: 128 Resp: 166931

Ion Ratio Lower Upper

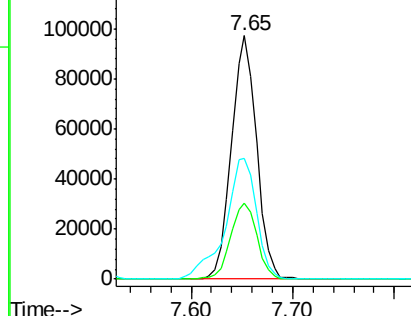
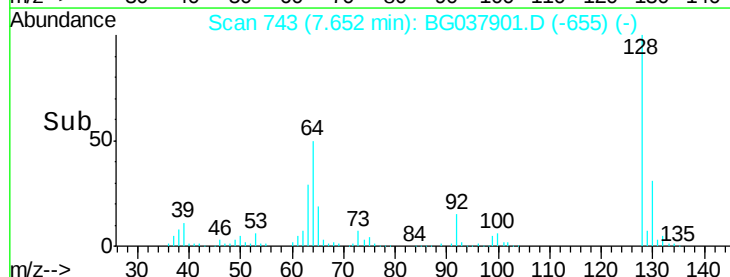
128 100

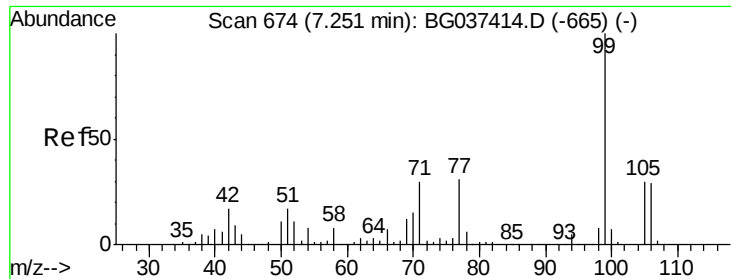
130 31.4 12.0 52.0

64 49.8 32.9 72.9



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: 34.234 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG037901.D

Acq: 9 Nov 2018 2:23

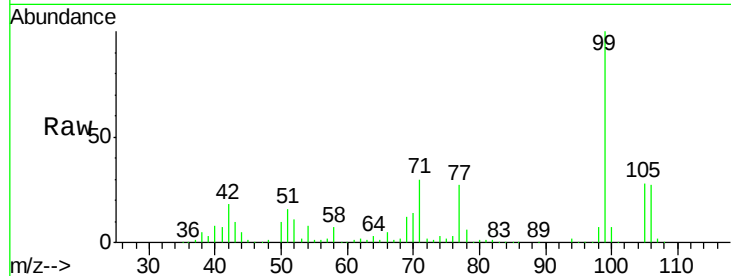
Tgt Ion: 77 Resp: 116596

Ion Ratio Lower Upper

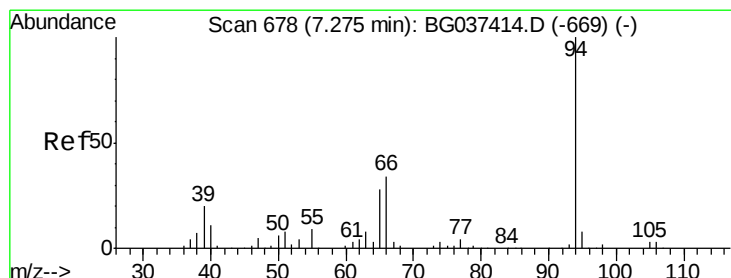
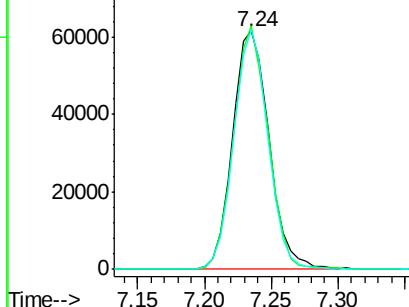
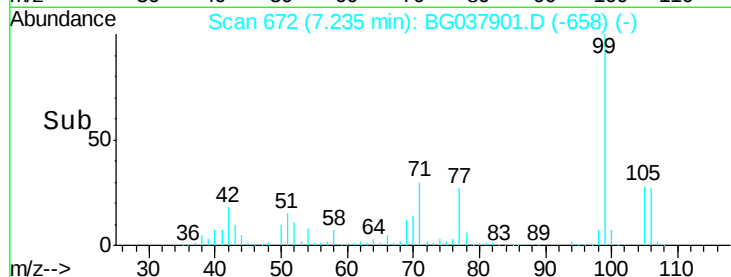
77 100

105 102.1 72.6 112.6

106 100.7 71.3 111.3



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



#10

Phenol

Concen: 39.267 ng

RT: 7.26 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037901.D

Acq: 9 Nov 2018 2:23

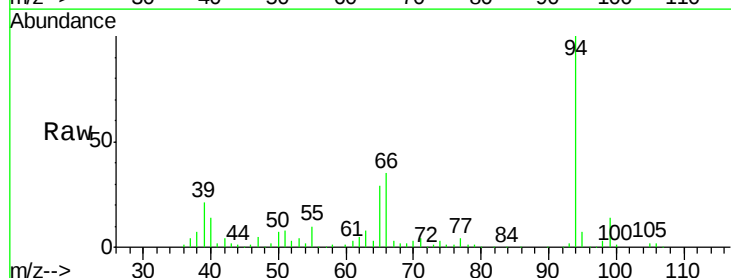
Tgt Ion: 94 Resp: 225576

Ion Ratio Lower Upper

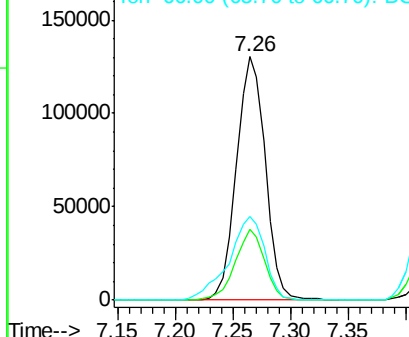
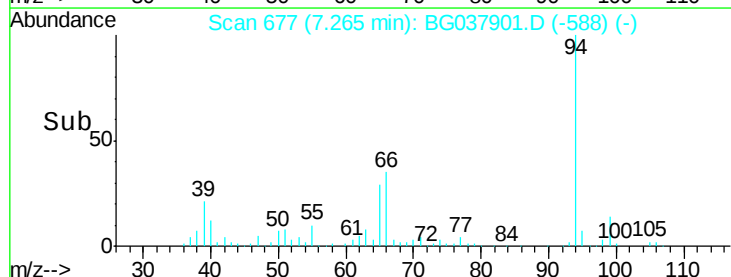
94 100

65 28.9 9.7 49.7

66 34.6 15.9 55.9



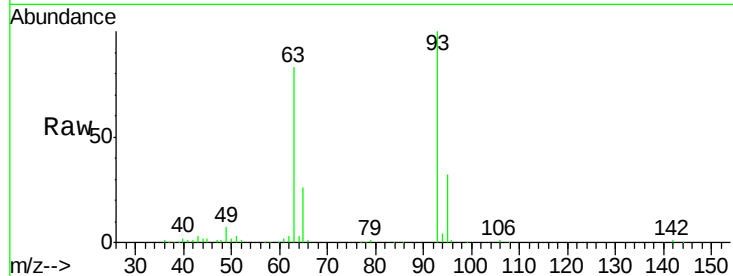
Abundance Ion 94.00 (93.70 to 94.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC



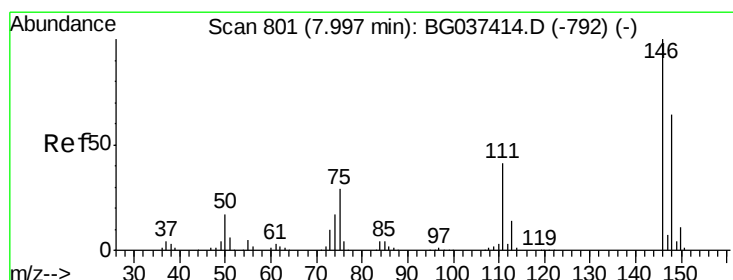
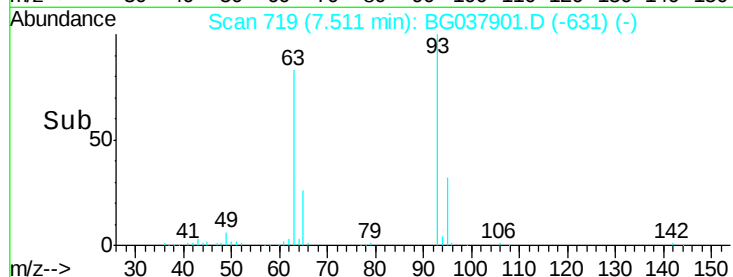
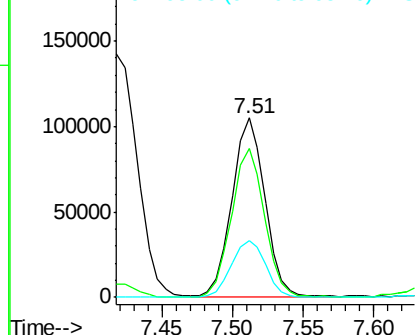


#11  
bis(2-Chloroethyl)ether  
Concen: 38.940 ng  
RT: 7.51 min Scan# 719  
Delta R.T. -0.02 min  
Lab File: BG037901.D  
Acq: 9 Nov 2018 2:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 83.0  | 69.5  | 109.5 |
| 95      | 31.6  | 12.6  | 52.6  |

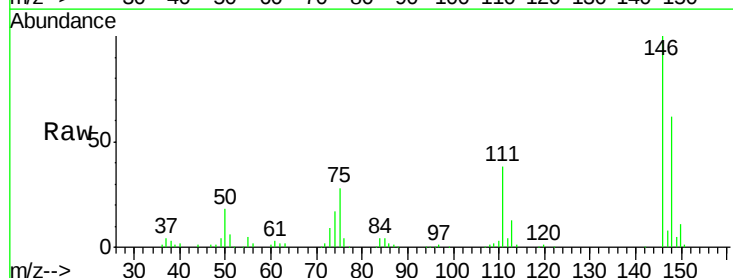


Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC

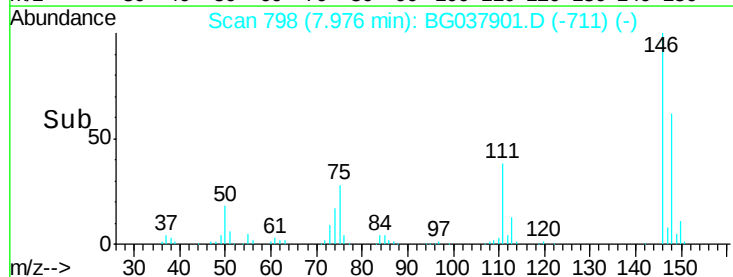
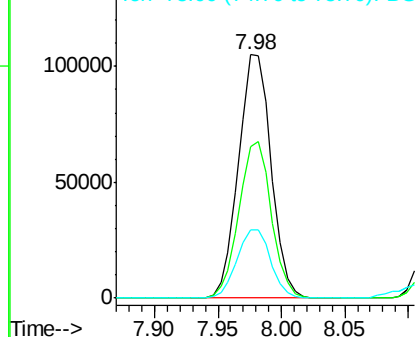


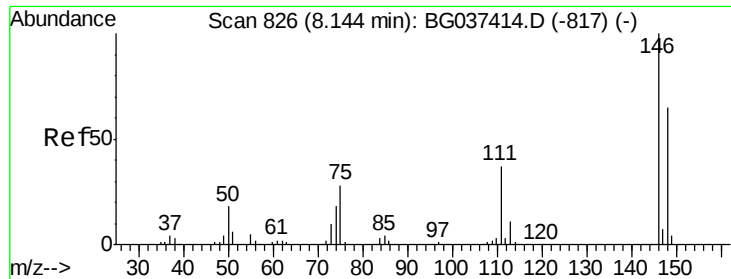
#12  
1,3-Dichlorobenzene  
Concen: 40.028 ng  
RT: 7.98 min Scan# 798  
Delta R.T. -0.02 min  
Lab File: BG037901.D  
Acq: 9 Nov 2018 2:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.1  | 49.8  | 74.8  |
| 75      | 28.1  | 23.2  | 34.8  |



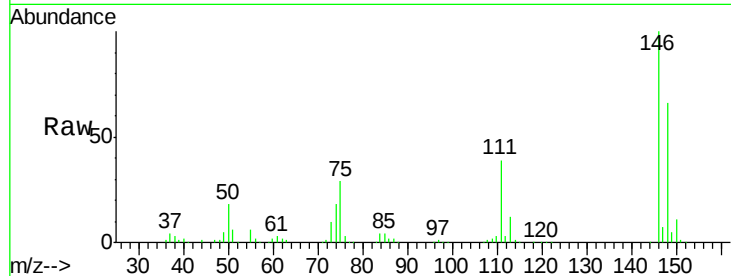
Abundance Ion 146.00 (145.70 to 146.70): BGC  
Ion 148.00 (147.70 to 148.70): BGC  
Ion 75.00 (74.70 to 75.70): BGC



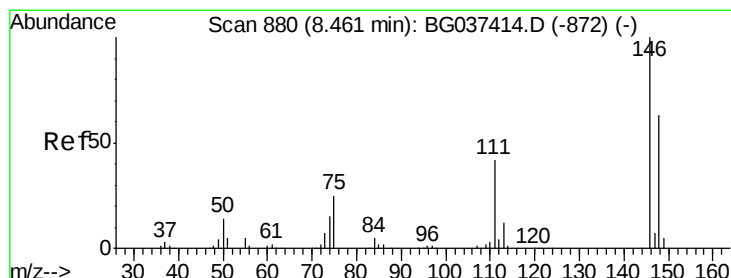
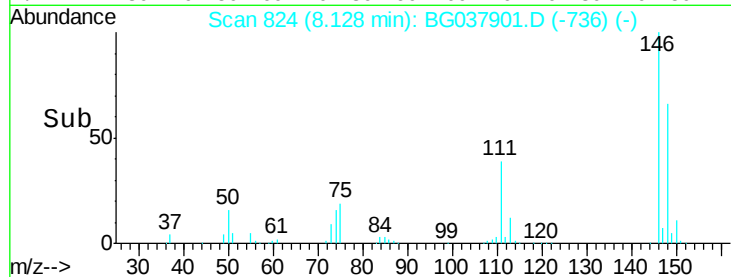
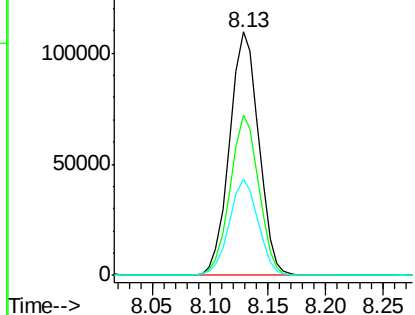


#13  
 1,4-Dichlorobenzene  
 Concen: 40.030 ng  
 RT: 8.13 min Scan# 824  
 Delta R.T. -0.02 min  
 Lab File: BG037901.D  
 Acq: 9 Nov 2018 2:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.7  | 51.0  | 76.6  |
| 111     | 39.4  | 32.4  | 48.6  |

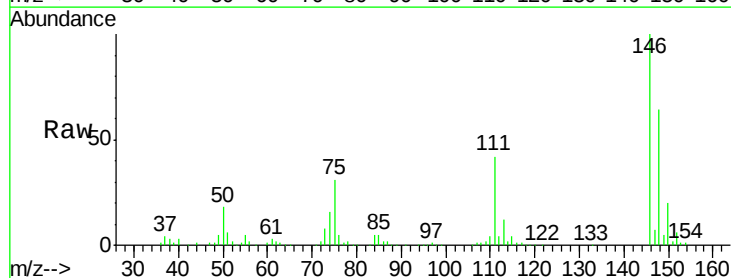


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

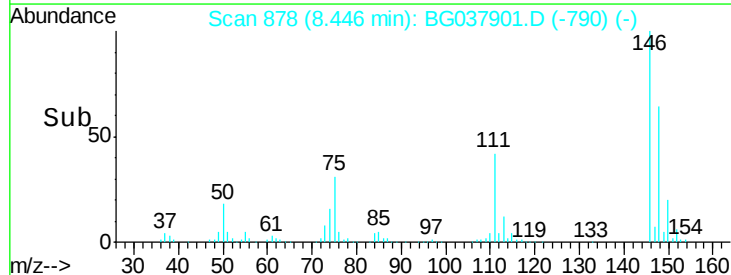
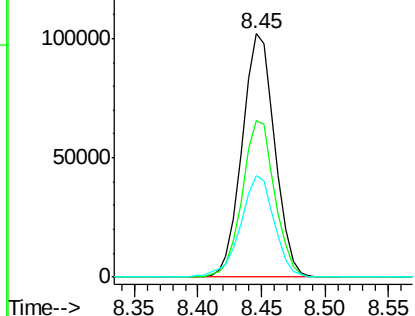


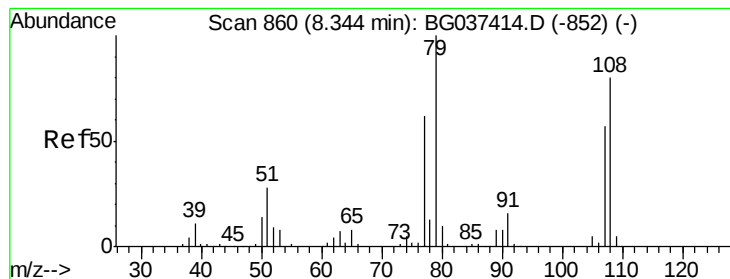
#14  
 1,2-Dichlorobenzene  
 Concen: 39.512 ng  
 RT: 8.45 min Scan# 878  
 Delta R.T. -0.02 min  
 Lab File: BG037901.D  
 Acq: 9 Nov 2018 2:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.3  | 50.4  | 75.6  |
| 111     | 41.7  | 34.6  | 51.8  |



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





#15

Benzyl Alcohol

Concen: 38.242 ng

RT: 8.33 min Scan# 859

Delta R.T. -0.01 min

Lab File: BG037901.D

Acq: 9 Nov 2018 2:23

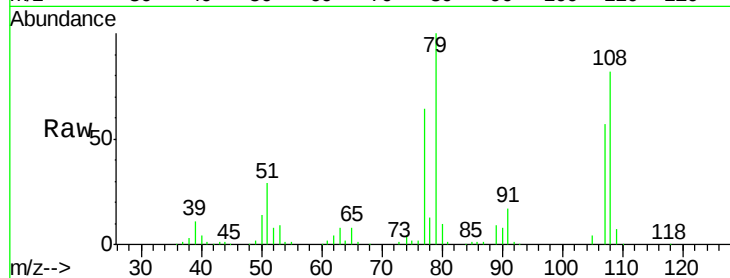
Tgt Ion: 79 Resp: 153848

Ion Ratio Lower Upper

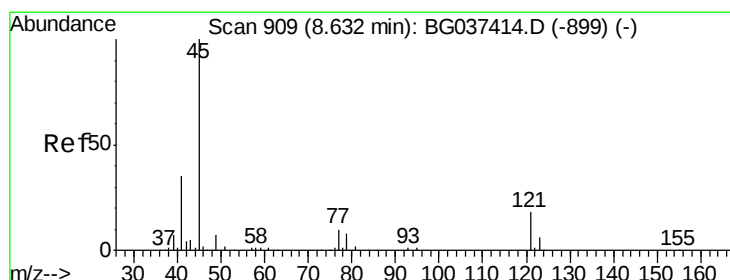
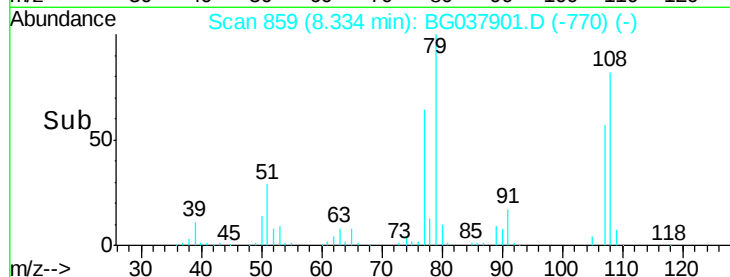
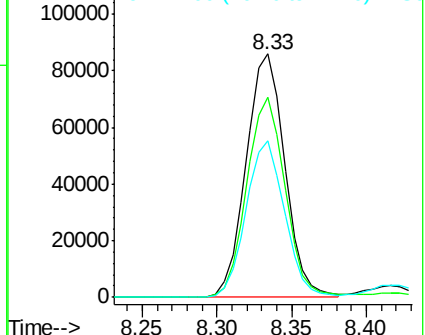
79 100

108 82.3 65.8 98.8

77 64.4 52.9 79.3



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: 40.028 ng

RT: 8.62 min Scan# 907

Delta R.T. -0.02 min

Lab File: BG037901.D

Acq: 9 Nov 2018 2:23

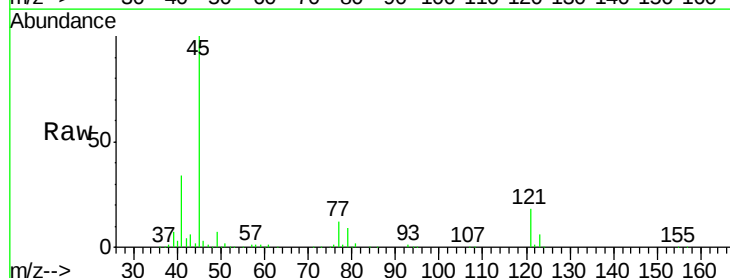
Tgt Ion: 45 Resp: 312491

Ion Ratio Lower Upper

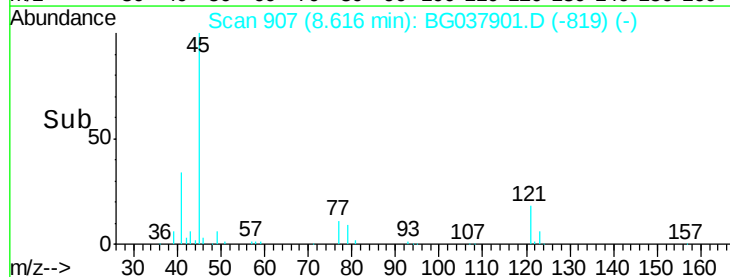
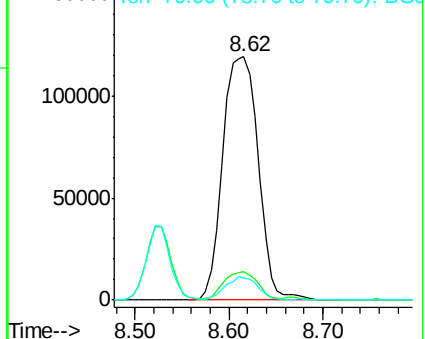
45 100

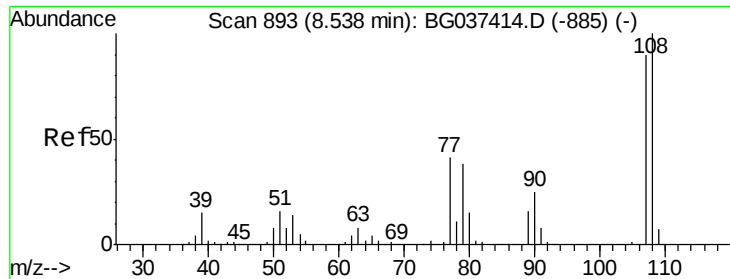
77 11.6 0.0 30.0

79 9.3 0.0 29.0



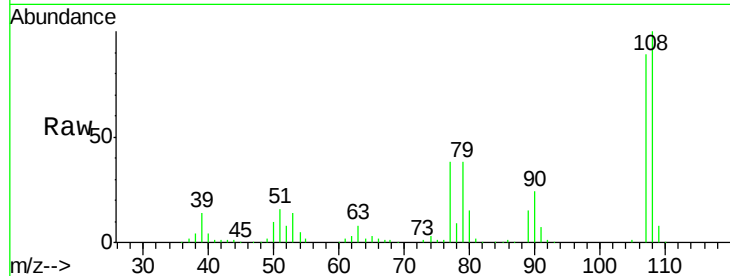
Abundance Ion 45.00 (44.70 to 45.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC



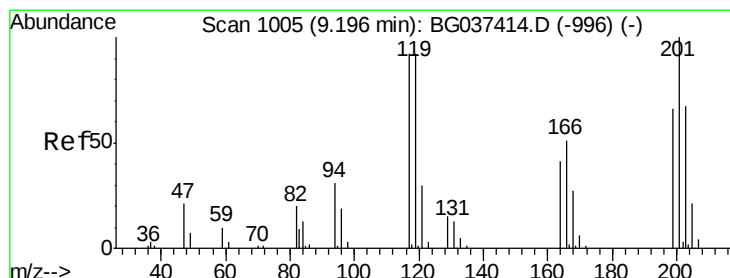
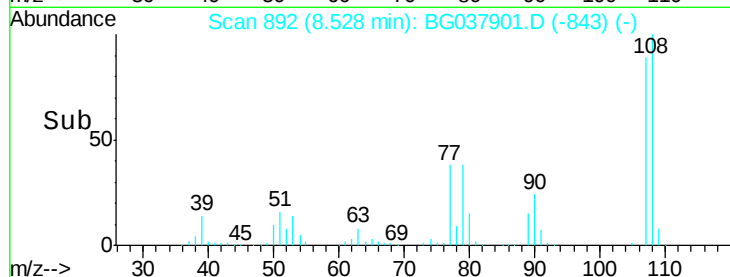
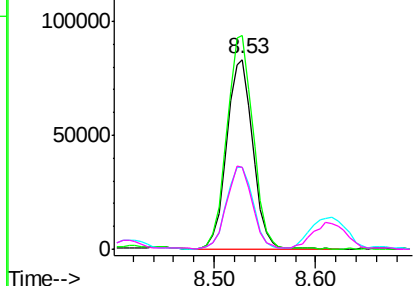


#17  
2-Methylphenol  
Concen: 39.221 ng  
RT: 8.53 min Scan# 892  
Delta R.T. -0.01 min  
Lab File: BG037901.D  
Acq: 9 Nov 2018 2:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 148955 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.4 | 87.9  | 131.9  |
| 77       | 43.0  | 35.1  | 52.7   |
| 79       | 43.2  | 34.5  | 51.7   |

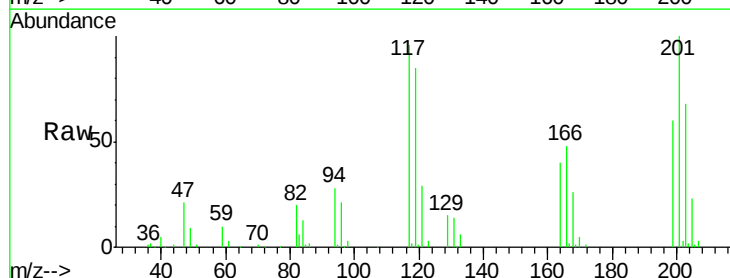


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC

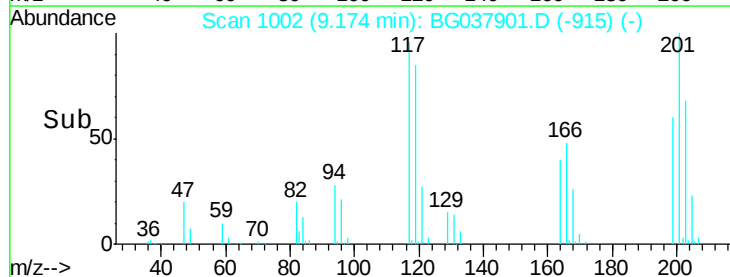
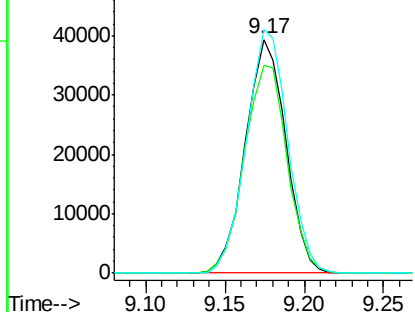


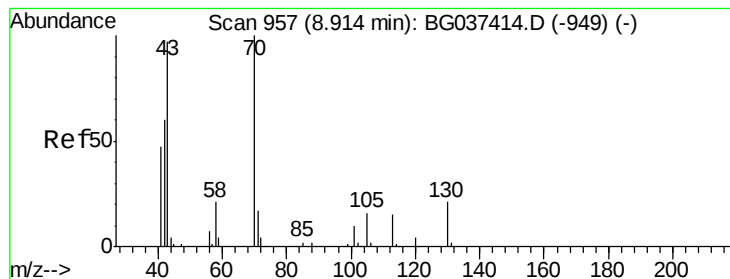
#18  
Hexachloroethane  
Concen: 42.682 ng  
RT: 9.17 min Scan# 1002  
Delta R.T. -0.02 min  
Lab File: BG037901.D  
Acq: 9 Nov 2018 2:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 69797 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 88.8  | 74.6  | 111.8 |
| 201      | 104.1 | 80.8  | 121.2 |



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: 38.230 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.02 min

Lab File: BG037901.D

Acq: 9 Nov 2018 2:23

Tgt Ion: 70 Resp: 143332

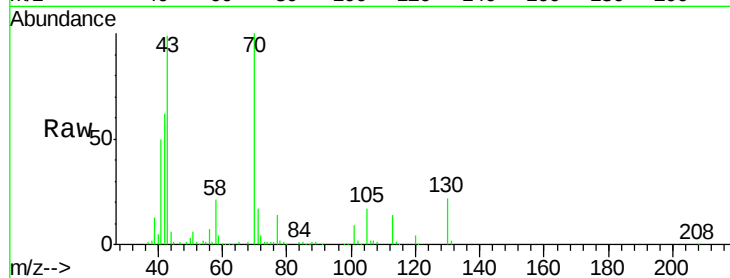
Ion Ratio Lower Upper

70 100

42 61.8 53.9 80.9

101 8.7 8.2 12.2

130 22.1 18.2 27.4

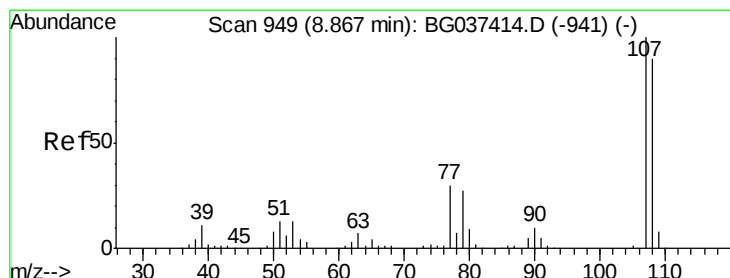
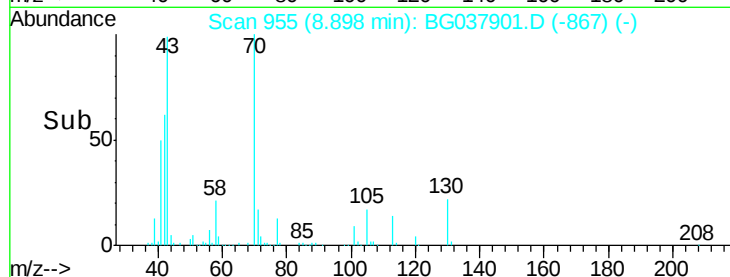
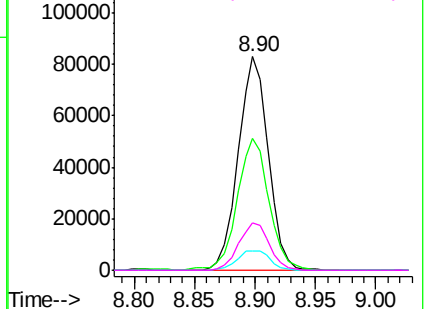


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 39.174 ng

RT: 8.86 min Scan# 948

Delta R.T. -0.01 min

Lab File: BG037901.D

Acq: 9 Nov 2018 2:23

Tgt Ion: 107 Resp: 212713

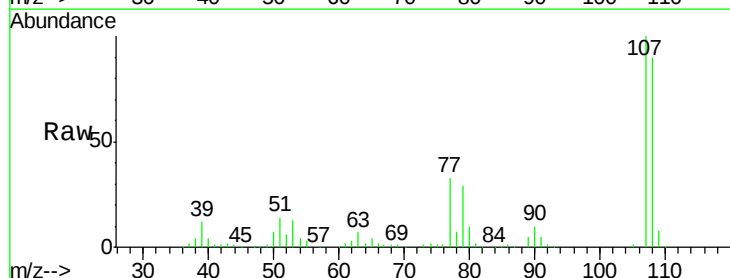
Ion Ratio Lower Upper

107 100

108 90.1 69.9 109.9

77 32.5 11.2 51.2

79 29.2 6.6 46.6

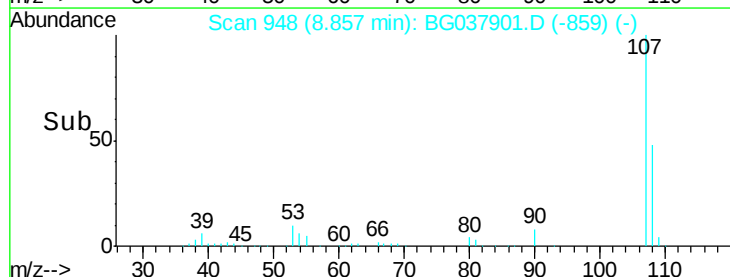
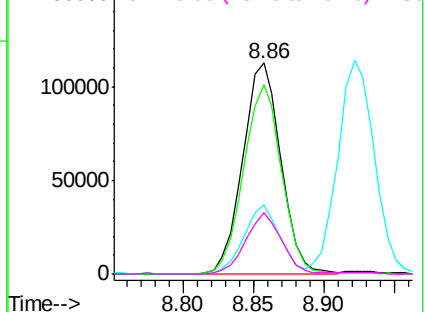


Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

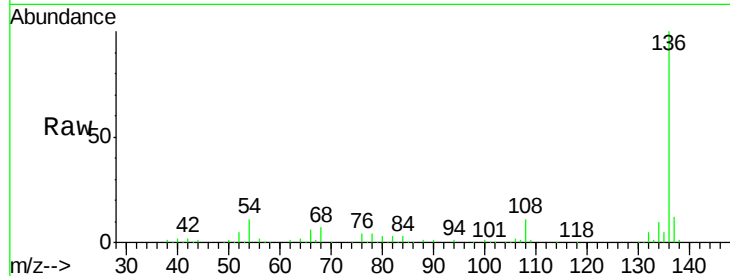
Ion 79.00 (78.70 to 79.70): BGC



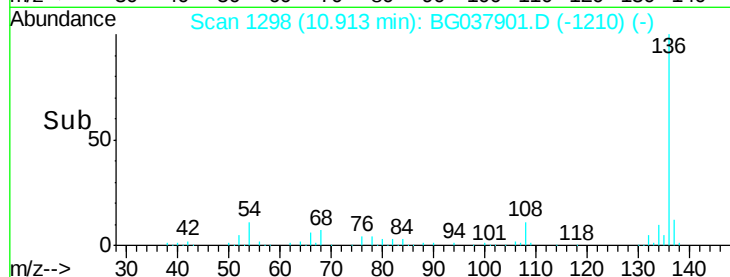
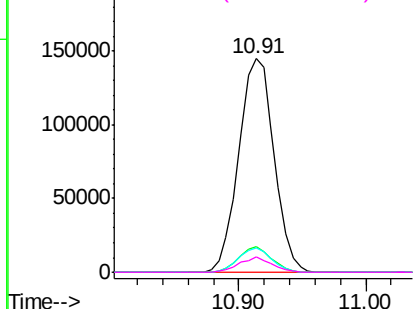


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.91 min Scan# 1298  
Delta R.T. -0.02 min  
Lab File: BG037901.D  
Acq: 9 Nov 2018 2:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 278623 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 12.0  | 9.6   | 14.4   |
| 54       | 11.4  | 7.9   | 11.9   |
| 68       | 6.9   | 4.8   | 7.2    |

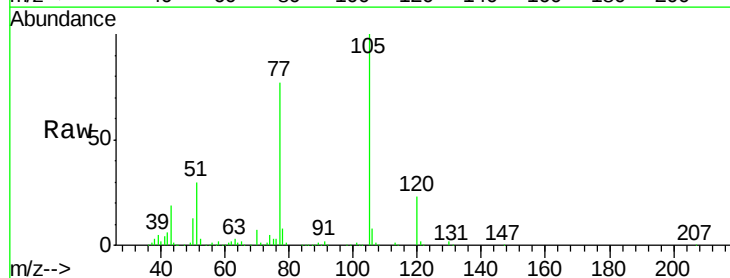


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

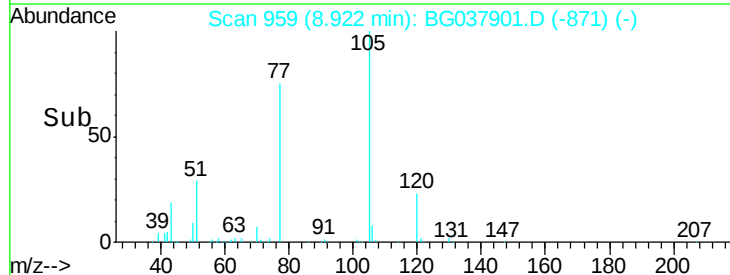
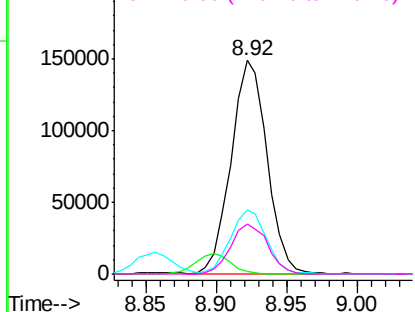


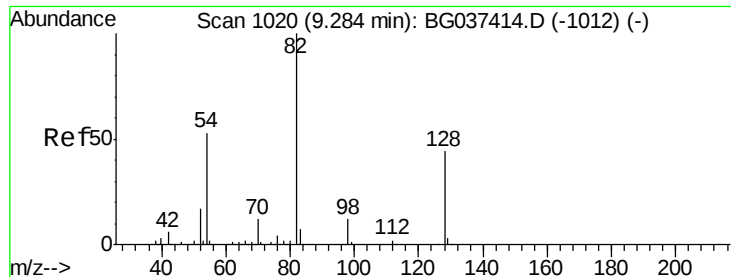
#22  
Acetophenone  
Concen: 37.699 ng  
RT: 8.92 min Scan# 959  
Delta R.T. -0.02 min  
Lab File: BG037901.D  
Acq: 9 Nov 2018 2:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 263432 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 1.3   | 1.2   | 1.8    |
| 51       | 29.9  | 25.0  | 37.6   |
| 120      | 23.3  | 18.6  | 28.0   |



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: 80.986 ng

RT: 9.27 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BG037901.D

Acq: 9 Nov 2018 2:23

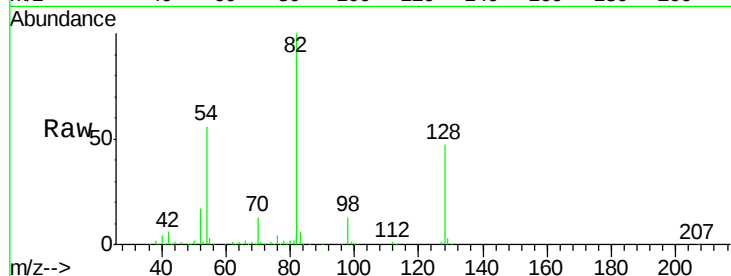
Tgt Ion: 82 Resp: 402803

Ion Ratio Lower Upper

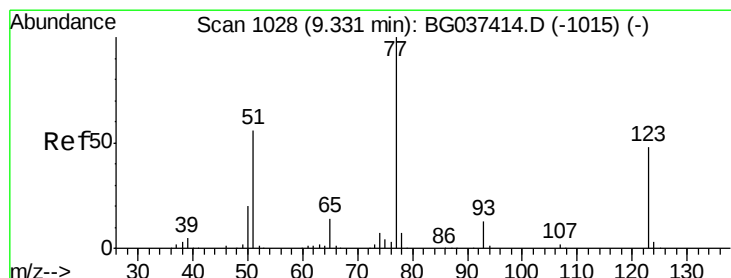
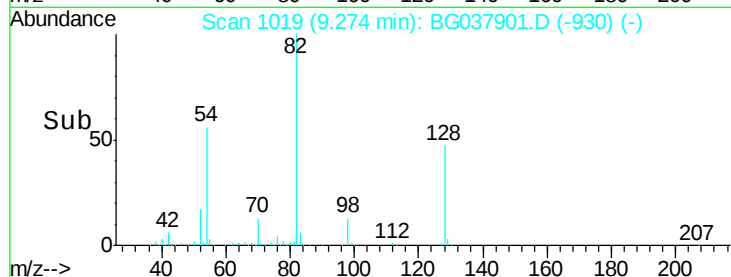
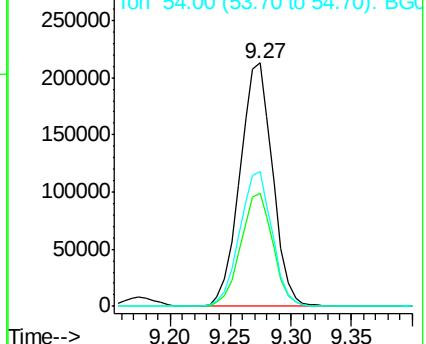
82 100

128 46.6 34.6 51.8

54 55.5 45.3 67.9



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: 40.123 ng

RT: 9.32 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BG037901.D

Acq: 9 Nov 2018 2:23

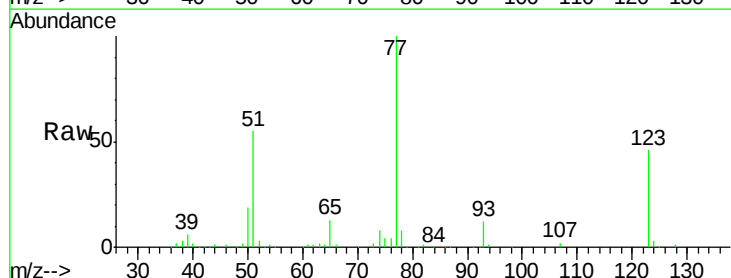
Tgt Ion: 77 Resp: 207316

Ion Ratio Lower Upper

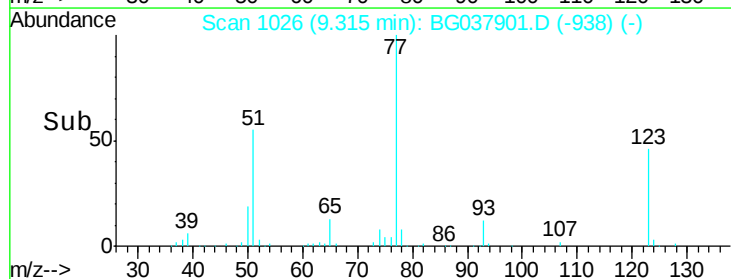
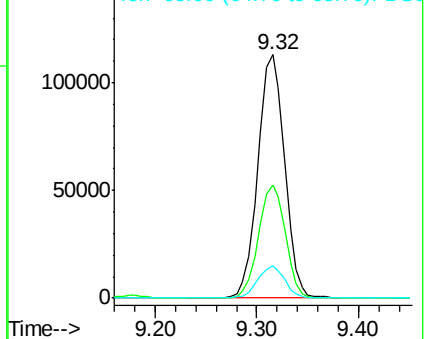
77 100

123 46.4 33.6 50.4

65 13.3 11.3 16.9



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: 38.701 ng

RT: 9.83 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BG037901.D

Acq: 9 Nov 2018 2:23

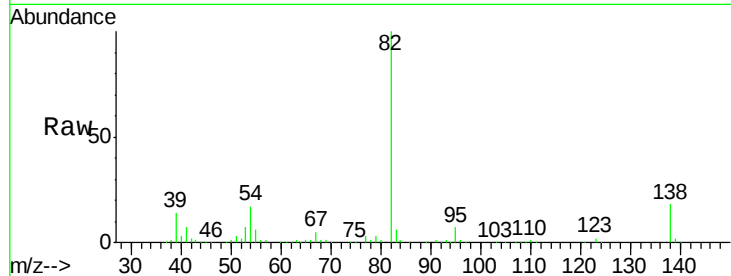
Tgt Ion: 82 Resp: 351711

Ion Ratio Lower Upper

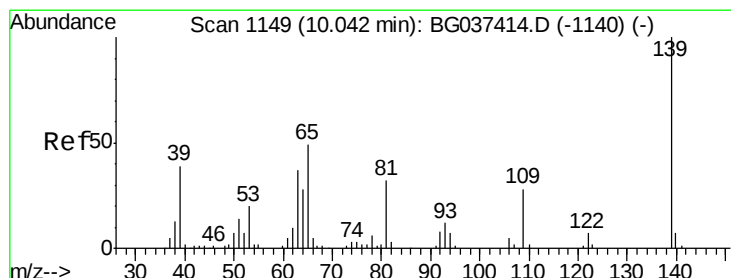
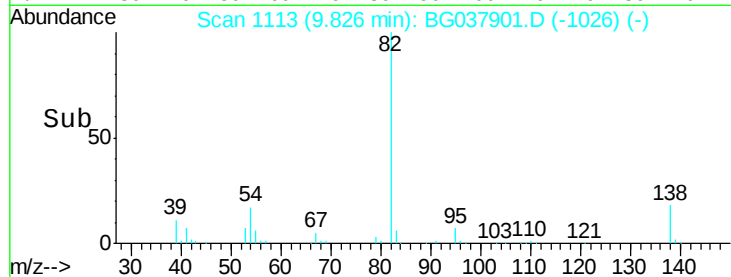
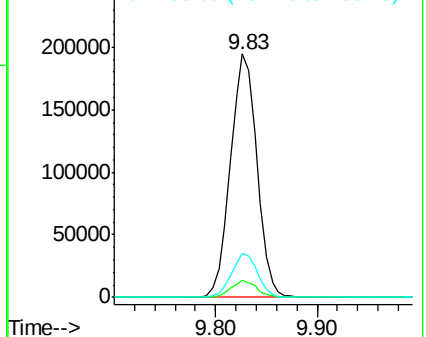
82 100

95 6.8 5.3 7.9

138 18.2 13.3 19.9



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: 45.470 ng

RT: 10.03 min Scan# 1147

Delta R.T. -0.02 min

Lab File: BG037901.D

Acq: 9 Nov 2018 2:23

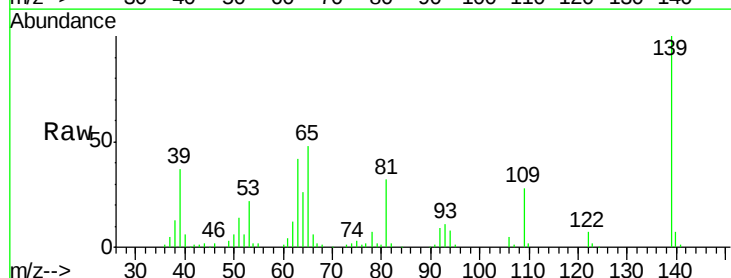
Tgt Ion: 139 Resp: 105840

Ion Ratio Lower Upper

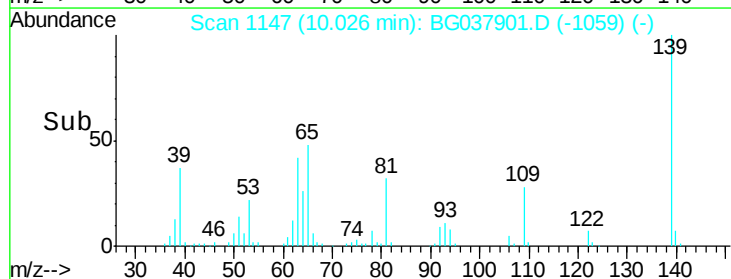
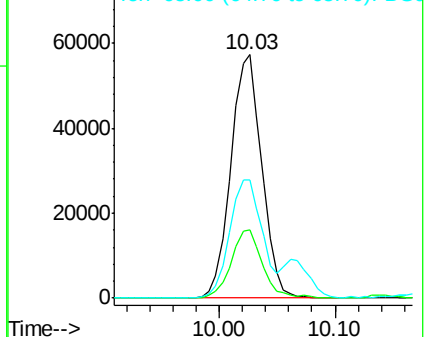
139 100

109 28.1 23.3 34.9

65 48.4 39.8 59.8



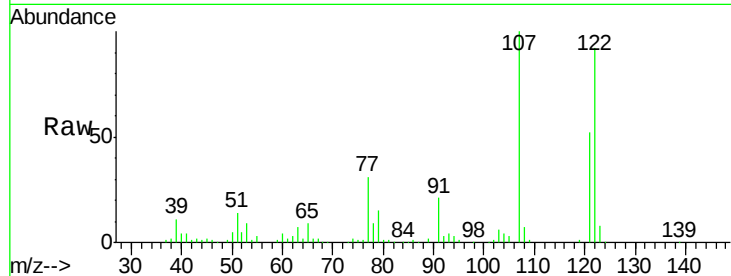
Abundance Ion 139.00 (138.70 to 139.70): BGC  
Ion 109.00 (108.70 to 109.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC



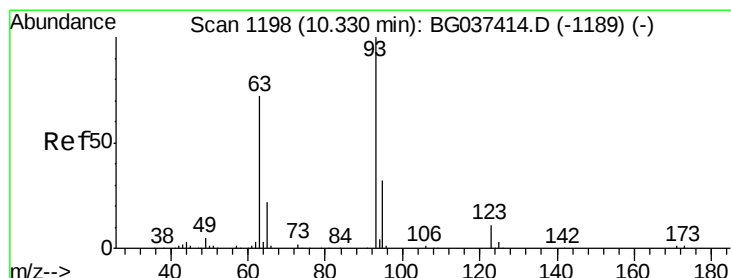
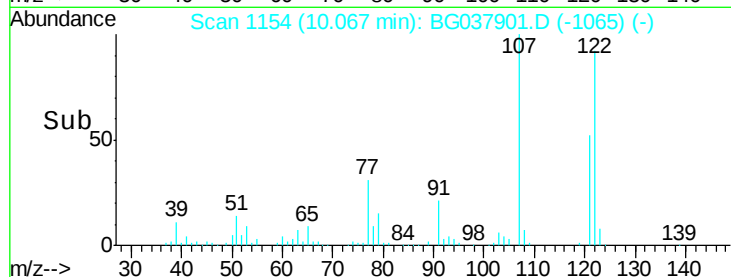
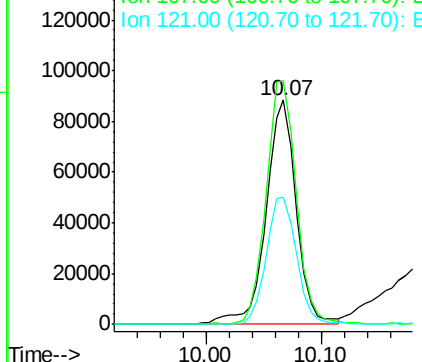


#27  
2,4-Dimethylphenol  
Concen: 38.750 ng  
RT: 10.07 min Scan# 1154  
Delta R.T. -0.01 min  
Lab File: BG037901.D  
Acq: 9 Nov 2018 2:23

Tgt Ion: 122 Resp: 161045  
Ion Ratio Lower Upper  
122 100  
107 108.6 94.2 141.2  
121 56.8 47.3 70.9

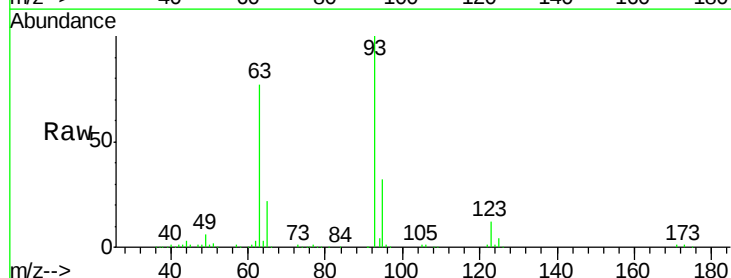


Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E

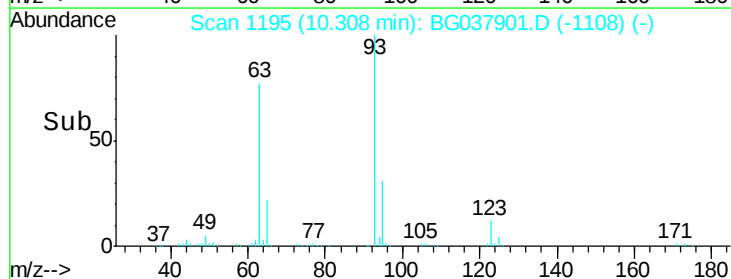
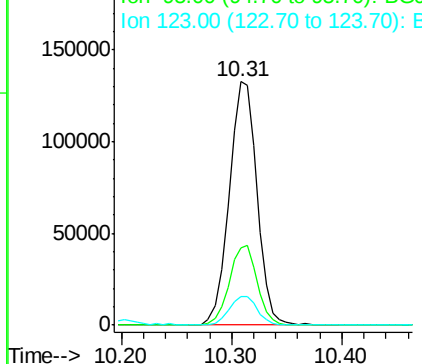


#28  
bis(2-Chloroethoxy)methane  
Concen: 39.276 ng  
RT: 10.31 min Scan# 1195  
Delta R.T. -0.02 min  
Lab File: BG037901.D  
Acq: 9 Nov 2018 2:23

Tgt Ion: 93 Resp: 233855  
Ion Ratio Lower Upper  
93 100  
95 31.6 24.6 37.0  
123 11.8 9.1 13.7



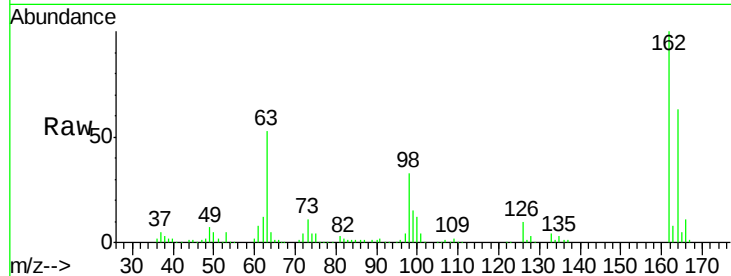
Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC  
Ion 123.00 (122.70 to 123.70): E



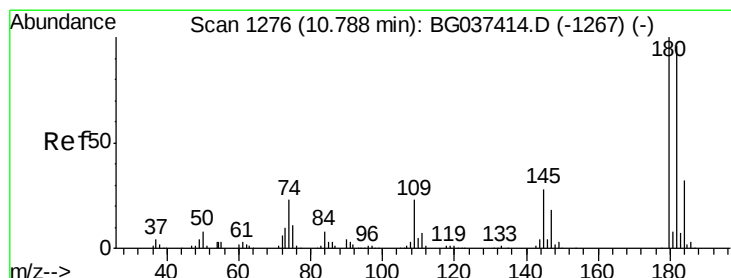
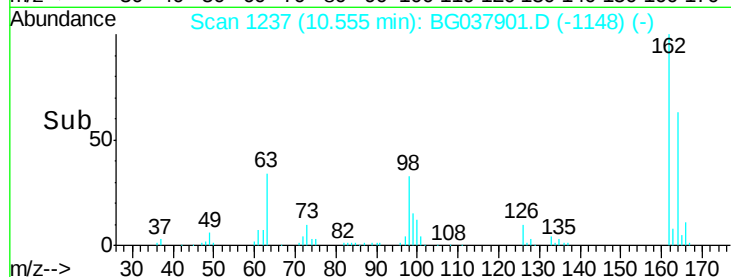
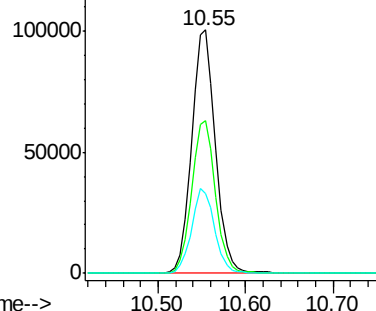


#29  
 2,4-Dichlorophenol  
 Concen: 40.760 ng  
 RT: 10.55 min Scan# 1237  
 Delta R.T. -0.01 min  
 Lab File: BG037901.D  
 Acq: 9 Nov 2018 2:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 188609 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 62.7  | 43.2  | 83.2   |
| 98        | 32.7  | 16.0  | 56.0   |

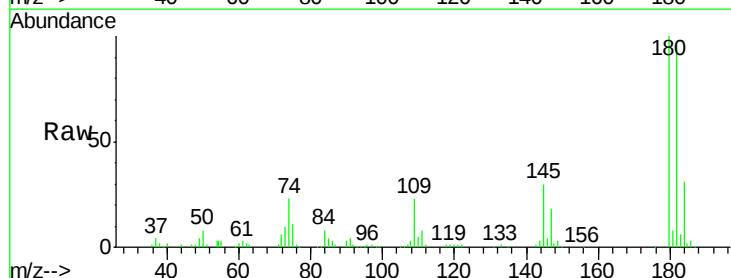


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): B

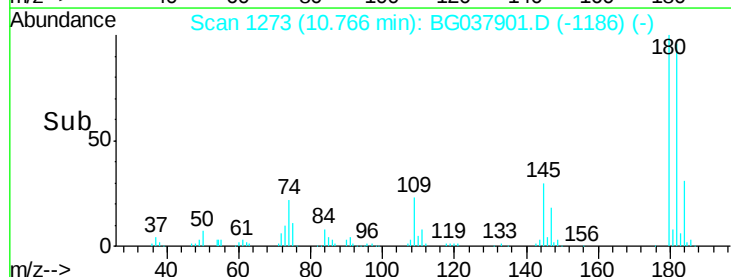
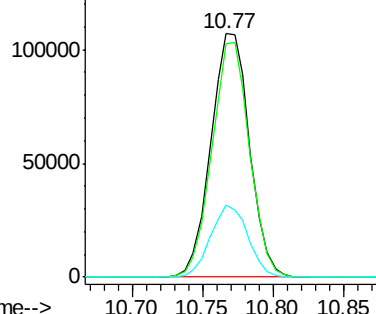


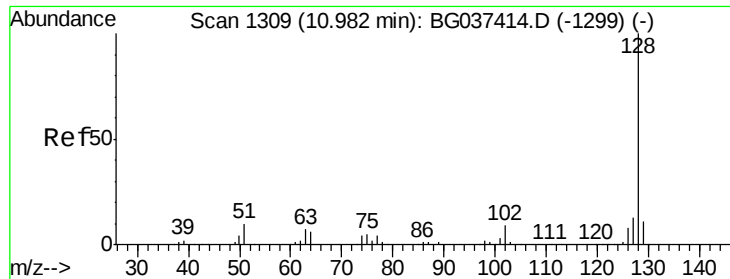
#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.627 ng  
 RT: 10.77 min Scan# 1273  
 Delta R.T. -0.02 min  
 Lab File: BG037901.D  
 Acq: 9 Nov 2018 2:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 204440 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.1  | 77.7  | 116.5  |
| 145       | 29.8  | 23.3  | 34.9   |



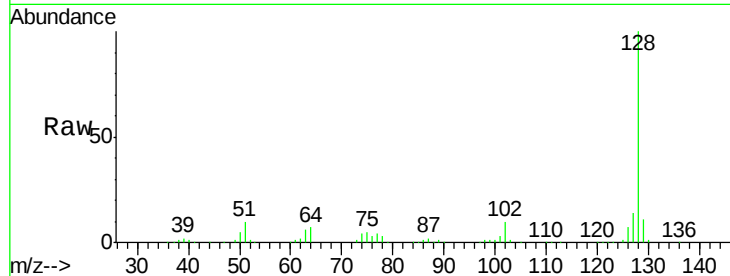
Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E



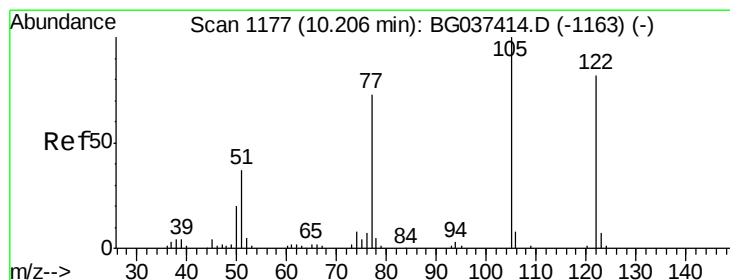
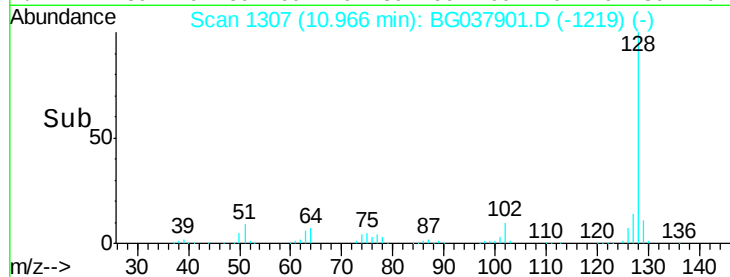
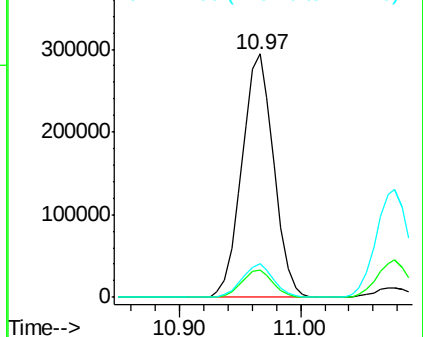


#31  
Naphthalene  
Concen: 39.481 ng  
RT: 10.97 min Scan# 1307  
Delta R.T. -0.02 min  
Lab File: BG037901.D  
Acq: 9 Nov 2018 2:23

Tgt Ion:128 Resp: 540307  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.0 13.6  
127 13.9 11.1 16.7

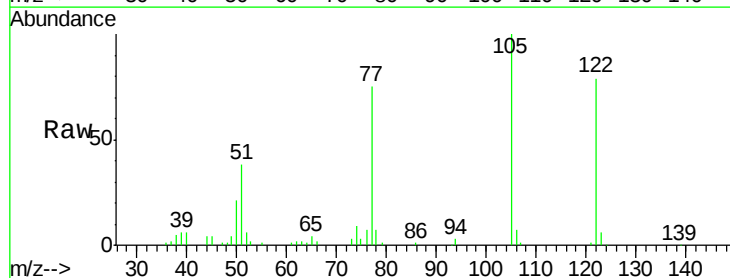


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

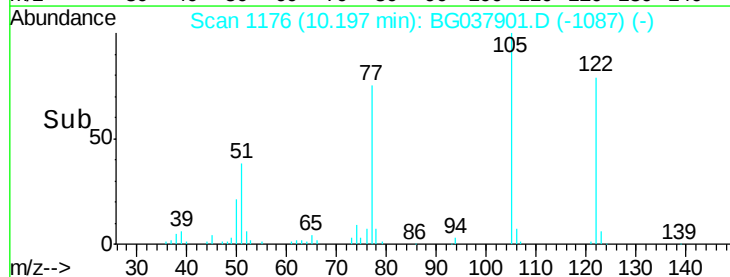
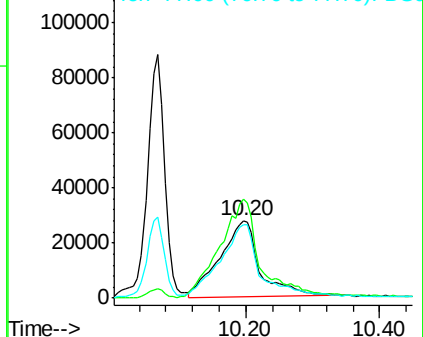


#32  
Benzoic acid  
Concen: 42.462 ng  
RT: 10.20 min Scan# 1176  
Delta R.T. -0.01 min  
Lab File: BG037901.D  
Acq: 9 Nov 2018 2:23

Tgt Ion:122 Resp: 114621  
Ion Ratio Lower Upper  
122 100  
105 127.1 106.7 146.7  
77 94.8 72.2 112.2



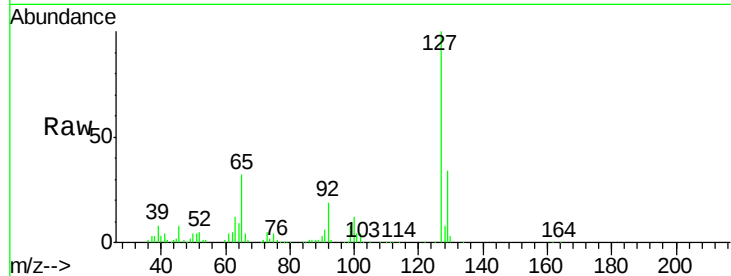
Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BG



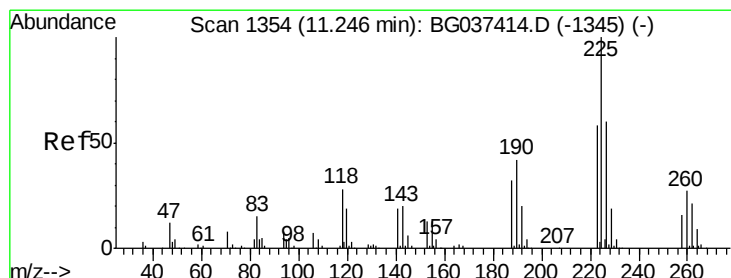
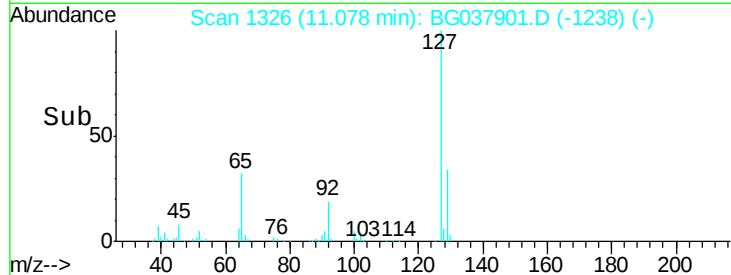
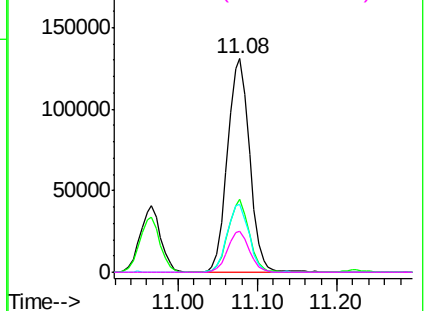


#33  
4-Chloroaniline  
Concen: 39.138 ng  
RT: 11.08 min Scan# 1326  
Delta R.T. -0.02 min  
Lab File: BG037901.D  
Acq: 9 Nov 2018 2:23

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 251663 |       |       |
| 129     | 34.3  |        | 27.1  | 40.7  |
| 65      | 31.6  |        | 26.6  | 39.8  |
| 92      | 19.1  |        | 16.4  | 24.6  |

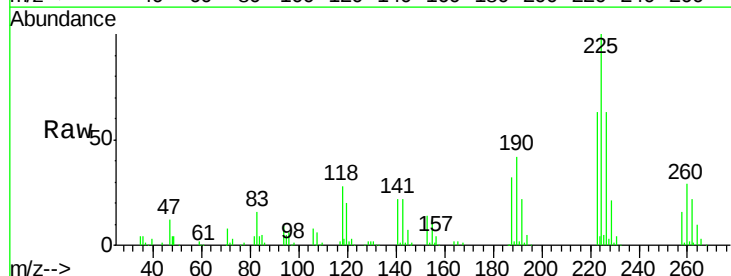


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

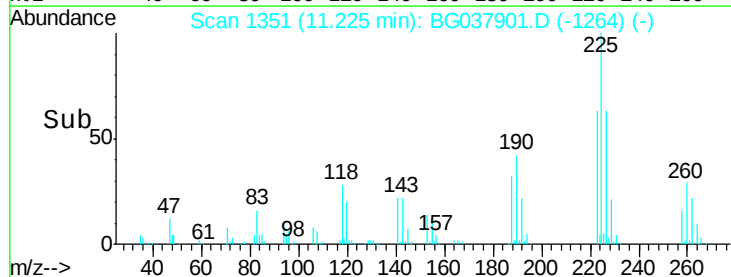
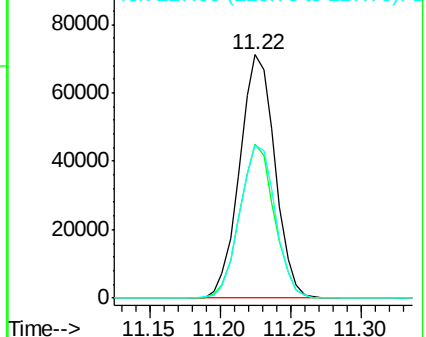


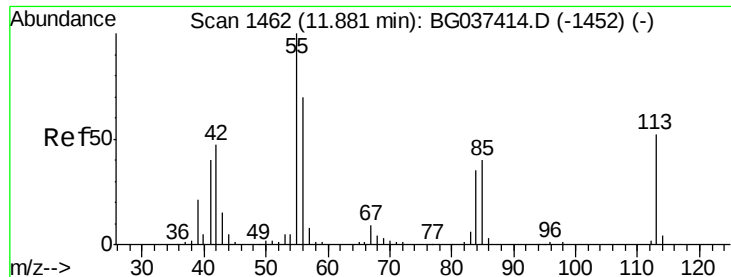
#34  
Hexachlorobutadiene  
Concen: 41.665 ng  
RT: 11.22 min Scan# 1351  
Delta R.T. -0.02 min  
Lab File: BG037901.D  
Acq: 9 Nov 2018 2:23

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 124262 |       |       |
| 223     | 63.4  |        | 48.2  | 72.4  |
| 227     | 62.8  |        | 51.6  | 77.4  |



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





#35

Caprolactam

Concen: 43.013 ng

RT: 11.87 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BG037901.D

Acq: 9 Nov 2018 2:23

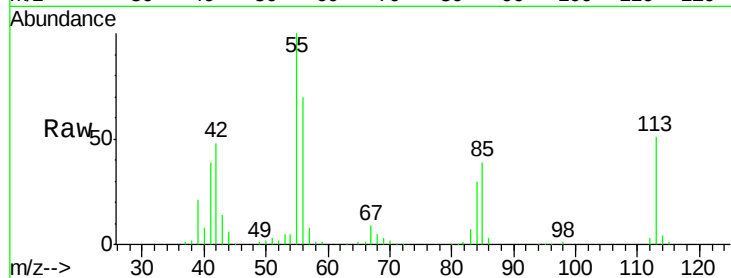
Tgt Ion:113 Resp: 79825

Ion Ratio Lower Upper

113 100

55 194.2 176.6 216.6

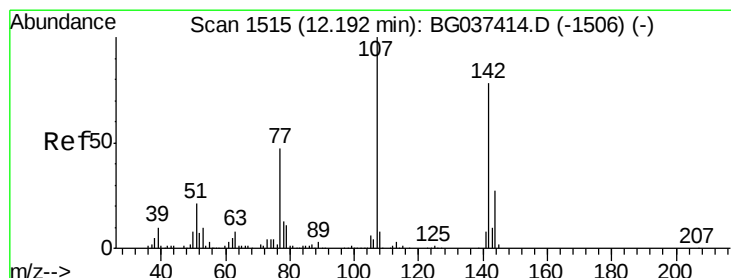
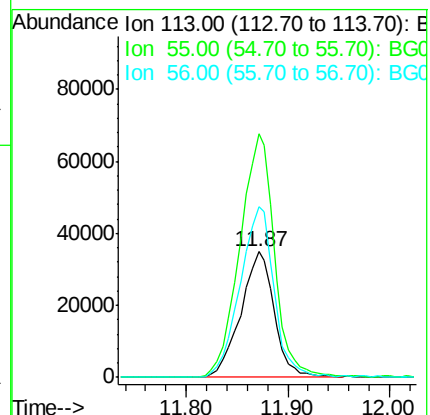
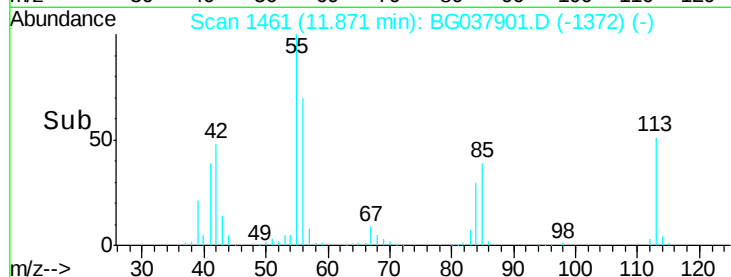
56 135.7 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG037901.D (-1452) (-)

Ion 56.00 (55.70 to 56.70): BG037901.D (-1452) (-)



#36

4-Chloro-3-methylphenol

Concen: 38.565 ng

RT: 12.18 min Scan# 1513

Delta R.T. -0.02 min

Lab File: BG037901.D

Acq: 9 Nov 2018 2:23

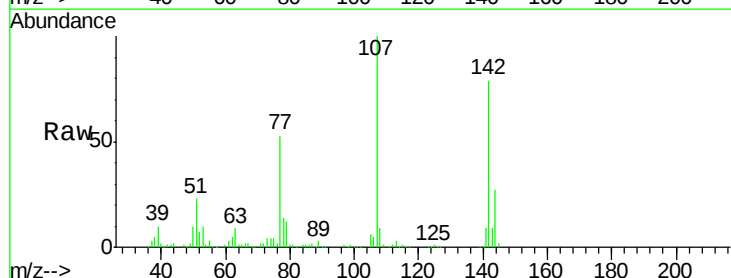
Tgt Ion:107 Resp: 201253

Ion Ratio Lower Upper

107 100

144 26.6 20.7 31.1

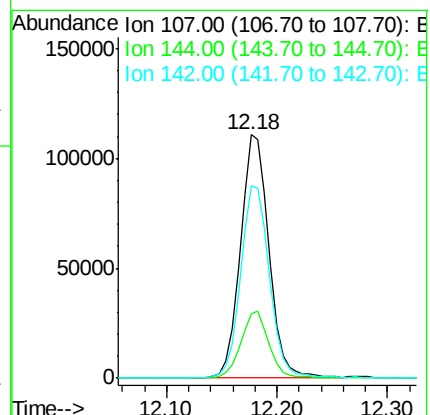
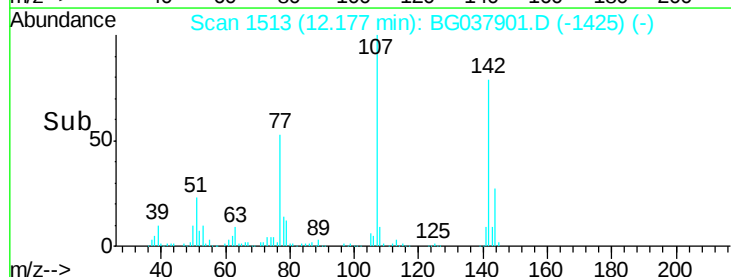
142 79.3 64.4 96.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): BG037901.D (-1425) (-)

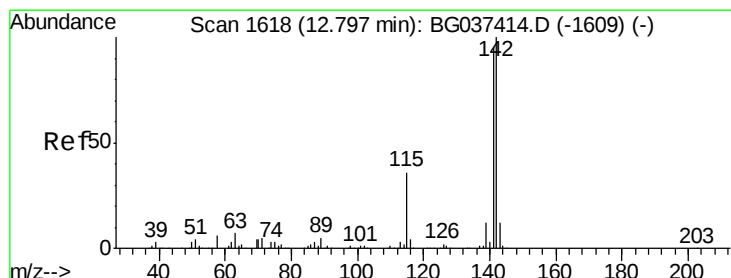
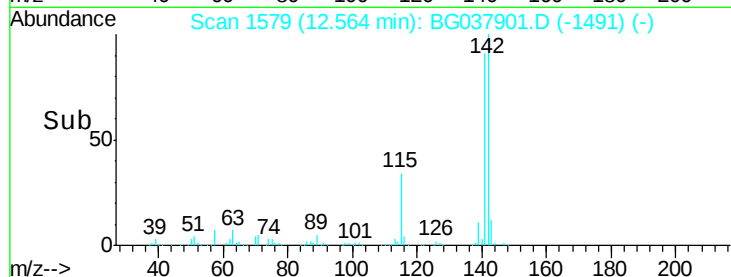
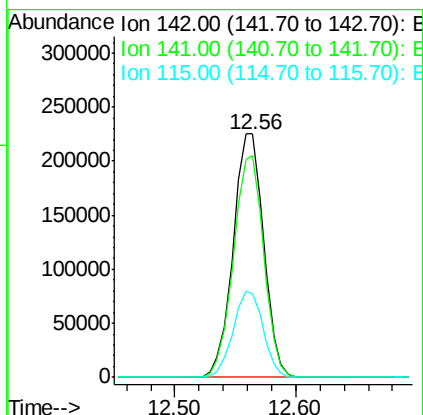
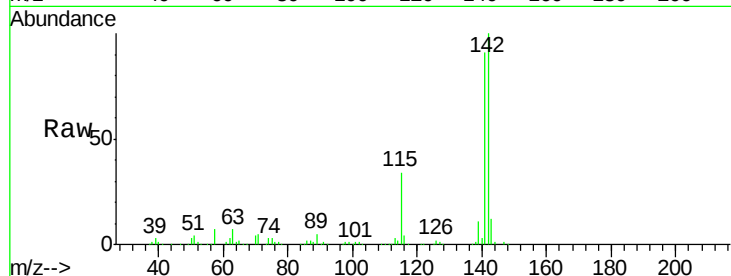
Ion 142.00 (141.70 to 142.70): BG037901.D (-1425) (-)





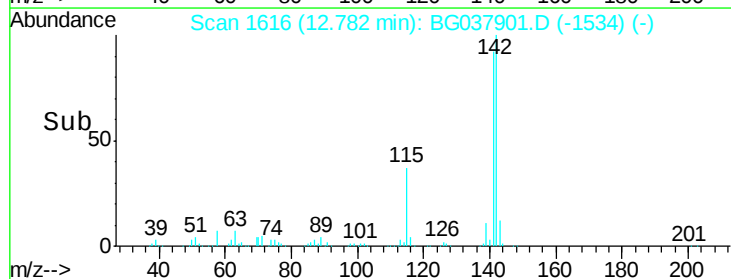
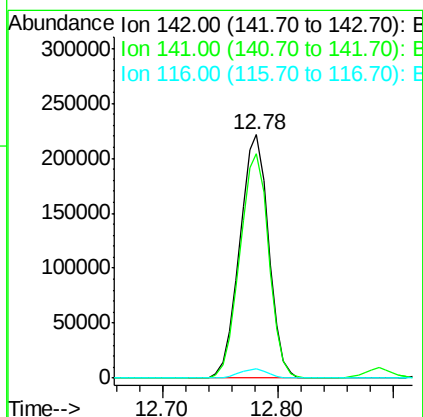
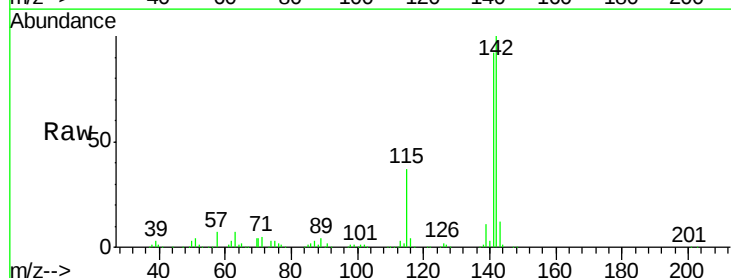
#37  
 2-Methylnaphthalene  
 Concen: 39.813 ng  
 RT: 12.56 min Scan# 1579  
 Delta R.T. -0.02 min  
 Lab File: BG037901.D  
 Acq: 9 Nov 2018 2:23

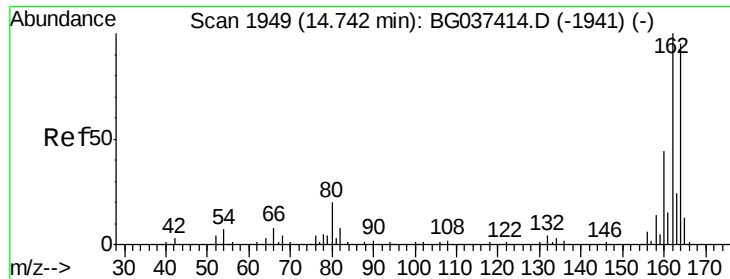
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.3  | 71.9  | 107.9 |
| 115     | 34.2  | 27.8  | 41.8  |



#38  
 1-Methylnaphthalene  
 Concen: 39.595 ng  
 RT: 12.78 min Scan# 1616  
 Delta R.T. -0.02 min  
 Lab File: BG037901.D  
 Acq: 9 Nov 2018 2:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.1  | 75.2  | 112.8 |
| 116     | 3.9   | 3.3   | 4.9   |





#39

Acenaphthene-d10

Concen: 20.000 ng

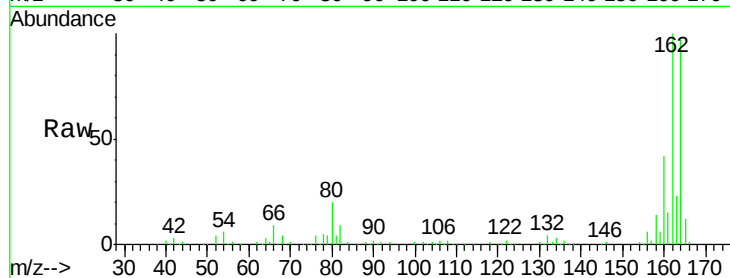
RT: 14.73 min Scan# 1947

Delta R.T. -0.02 min

Lab File: BG037901.D

Acq: 9 Nov 2018 2:23

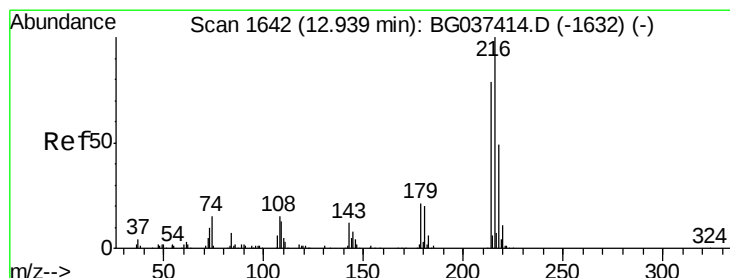
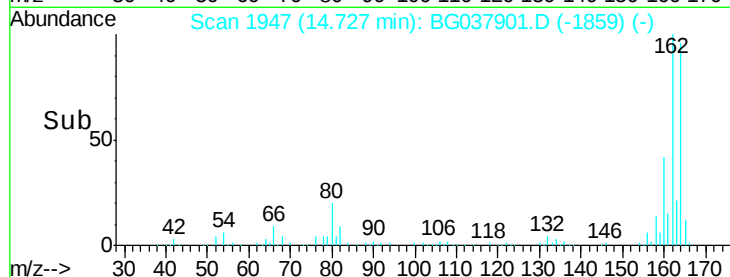
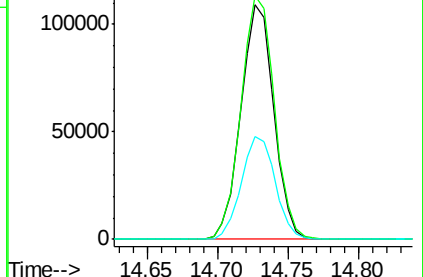
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 177847 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 162      | 103.5 | 81.3  | 121.9  |
| 160      | 43.6  | 36.3  | 54.5   |



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.952 ng

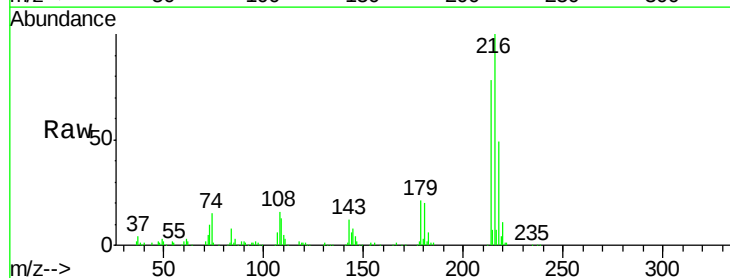
RT: 12.92 min Scan# 1640

Delta R.T. -0.02 min

Lab File: BG037901.D

Acq: 9 Nov 2018 2:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 240660 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 79.0  | 63.8  | 95.6   |
| 179      | 20.8  | 17.4  | 26.0   |
| 108      | 17.1  | 13.9  | 20.9   |

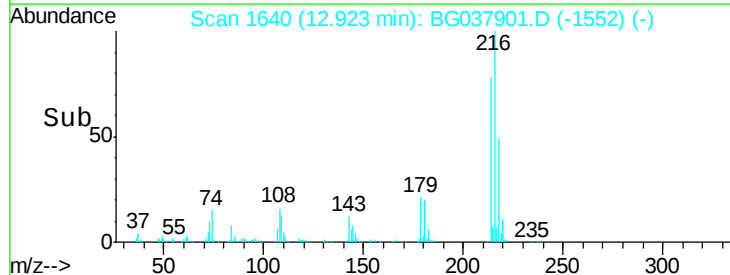
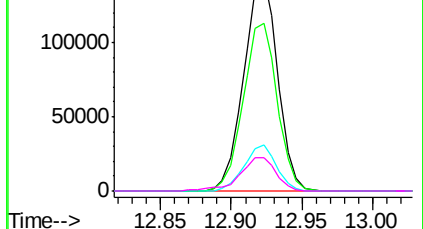


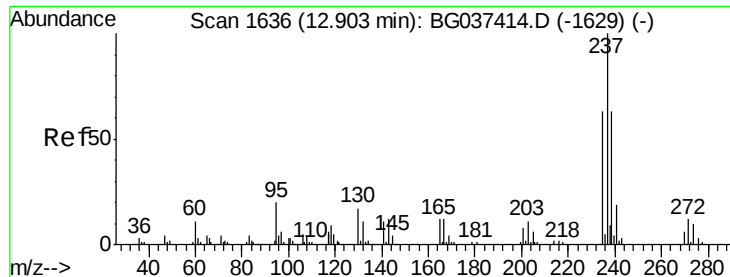
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 44.365 ng

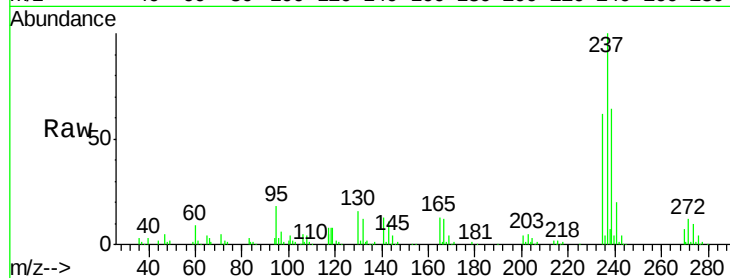
RT: 12.89 min Scan# 1634

Delta R.T. -0.02 min

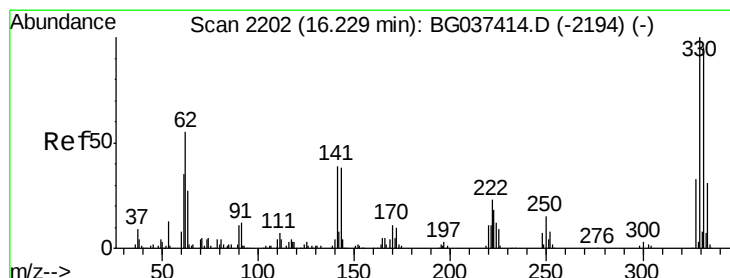
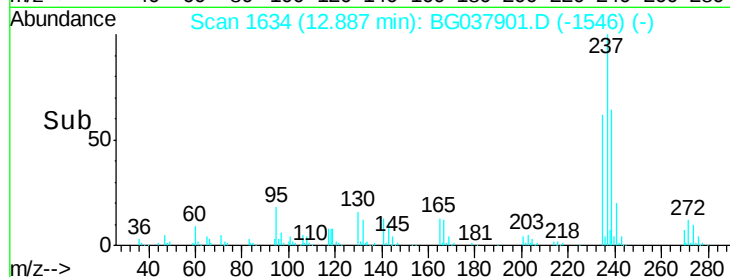
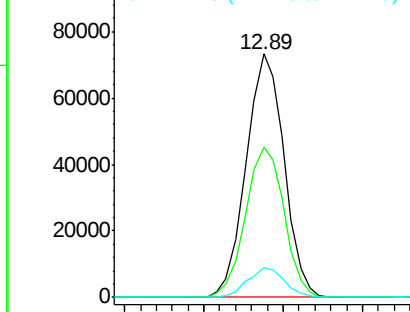
Lab File: BG037901.D

Acq: 9 Nov 2018 2:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 237   | Resp: | 121569 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 61.6  | 42.5  | 82.5   |
| 272       | 12.1  | 0.0   | 31.6   |



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



#42

2,4,6-Tribromophenol

Concen: 88.859 ng

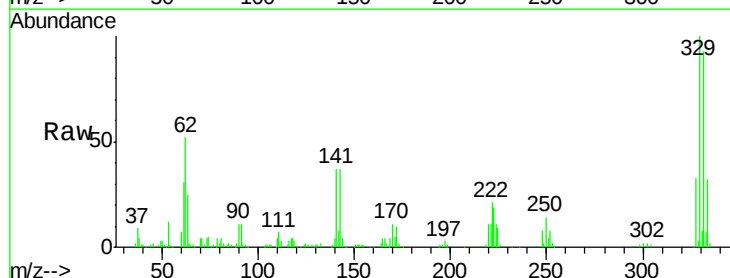
RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

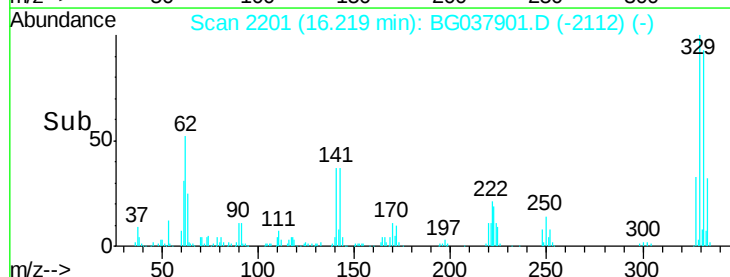
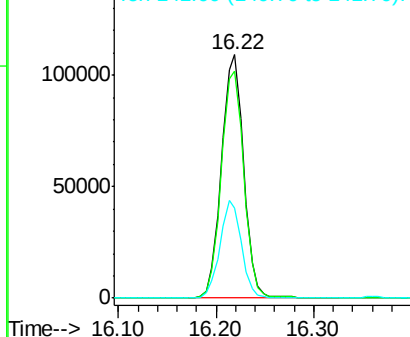
Lab File: BG037901.D

Acq: 9 Nov 2018 2:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 172364 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 94.6  | 78.4  | 117.6  |
| 141       | 38.8  | 32.2  | 48.2   |



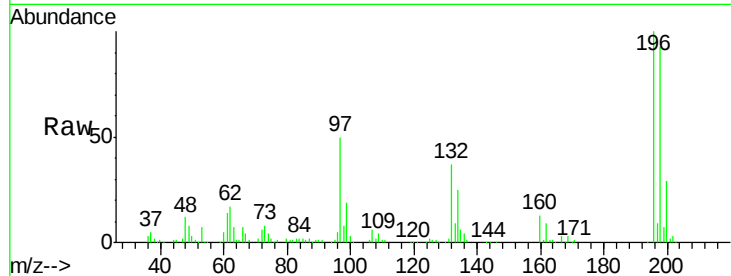
Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E



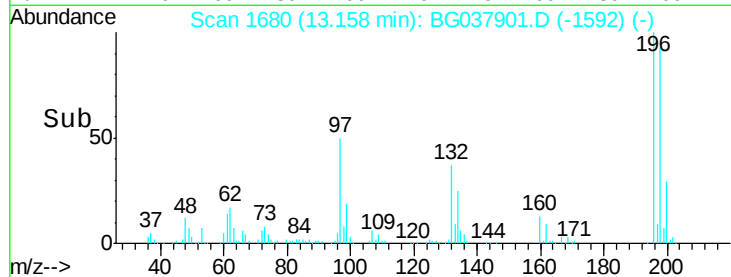
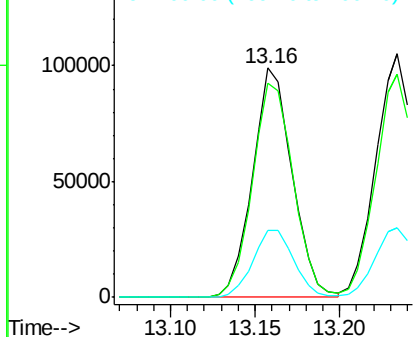


#43  
 2,4,6-Trichlorophenol  
 Concen: 42.019 ng  
 RT: 13.16 min Scan# 1680  
 Delta R.T. -0.02 min  
 Lab File: BG037901.D  
 Acq: 9 Nov 2018 2:23

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 161038 |       |       |
| 198     | 93.5  | 76.4   | 114.6 |       |
| 200     | 29.2  | 24.9   | 37.3  |       |



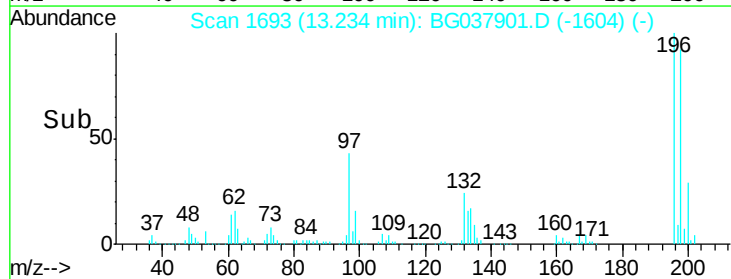
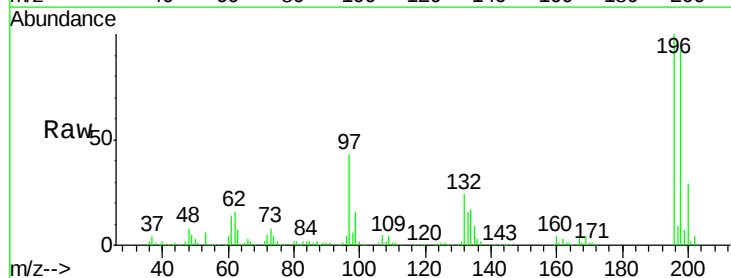
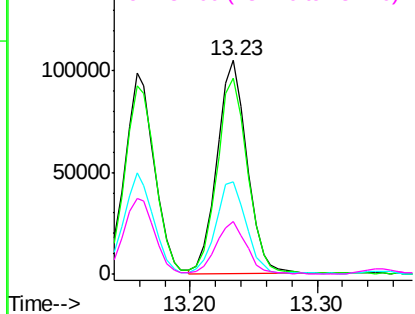
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

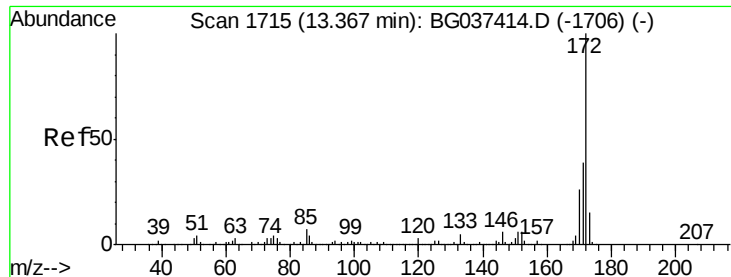


#44  
 2,4,5-Trichlorophenol  
 Concen: 41.328 ng  
 RT: 13.23 min Scan# 1693  
 Delta R.T. -0.01 min  
 Lab File: BG037901.D  
 Acq: 9 Nov 2018 2:23

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 172449 |       |       |
| 198     | 91.8  | 74.2   | 111.2 |       |
| 97      | 43.1  | 34.1   | 51.1  |       |
| 132     | 24.4  | 20.2   | 30.4  |       |

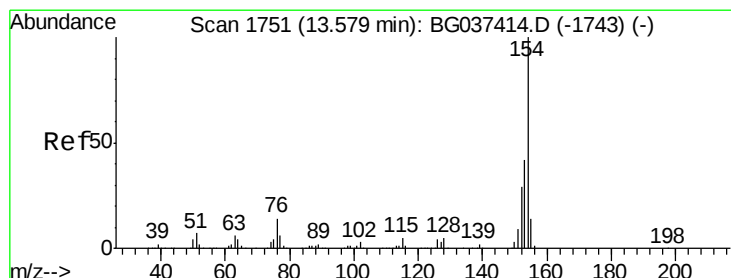
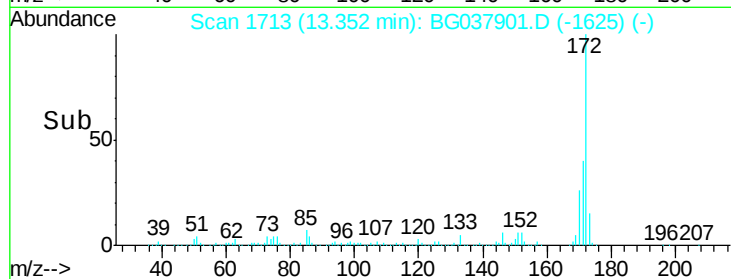
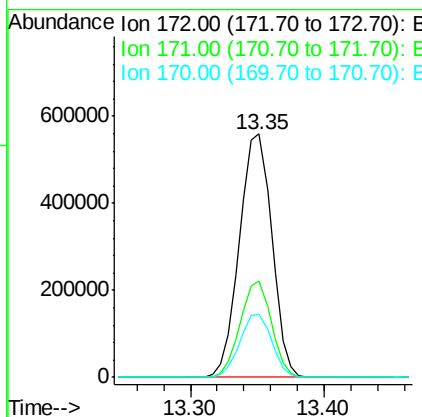
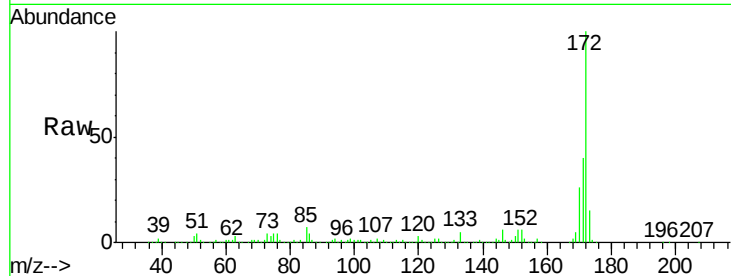
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BGC  
 Ion 132.00 (131.70 to 132.70): E





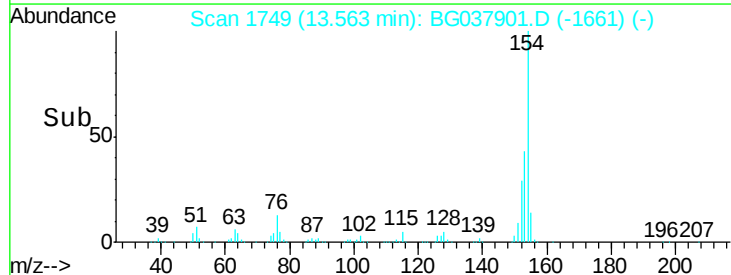
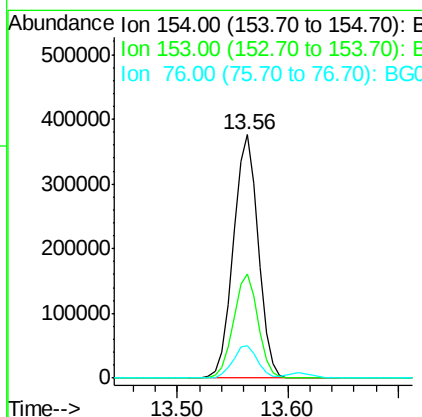
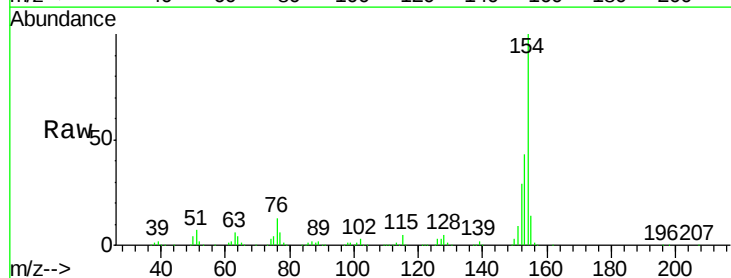
#45  
 2-Fluorobiphenyl  
 Concen: 79.801 ng  
 RT: 13.35 min Scan# 1713  
 Delta R.T. -0.02 min  
 Lab File: BG037901.D  
 Acq: 9 Nov 2018 2:23

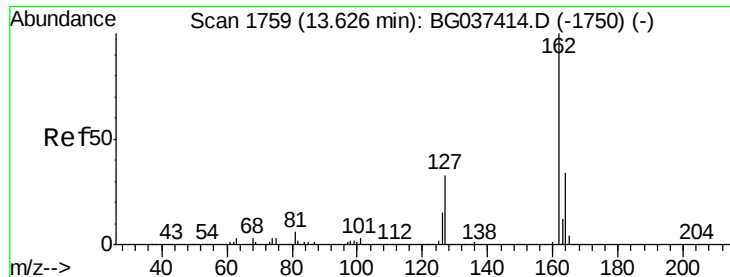
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 172   | Resp: | 941172 |
| Ion      | Ratio | Lower | Upper  |
| 172      | 100   |       |        |
| 171      | 39.5  | 31.0  | 46.4   |
| 170      | 25.9  | 20.2  | 30.2   |



#46  
 1,1'-Biphenyl  
 Concen: 40.282 ng  
 RT: 13.56 min Scan# 1749  
 Delta R.T. -0.02 min  
 Lab File: BG037901.D  
 Acq: 9 Nov 2018 2:23

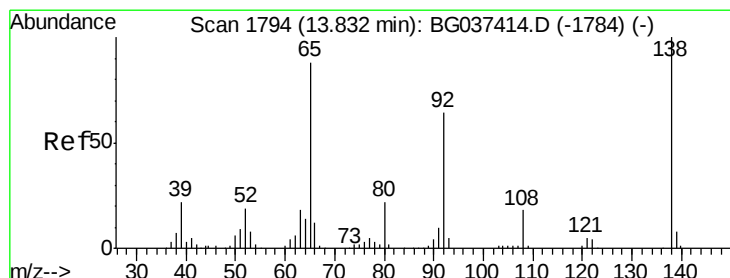
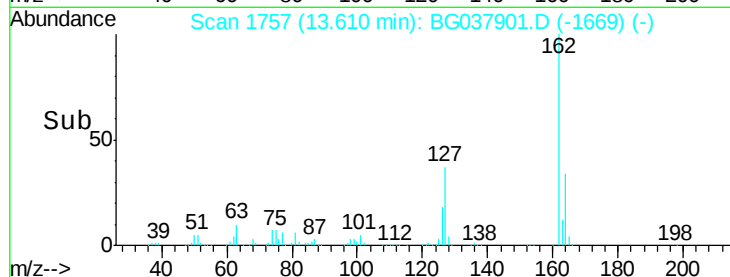
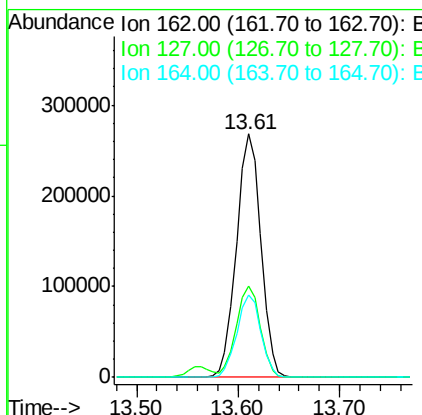
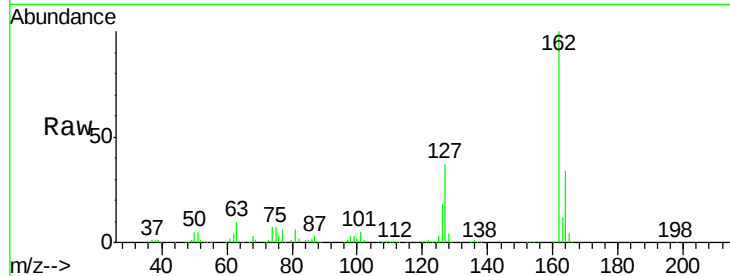
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 154   | Resp: | 593305 |
| Ion      | Ratio | Lower | Upper  |
| 154      | 100   |       |        |
| 153      | 42.7  | 22.1  | 62.1   |
| 76       | 13.4  | 0.0   | 33.2   |





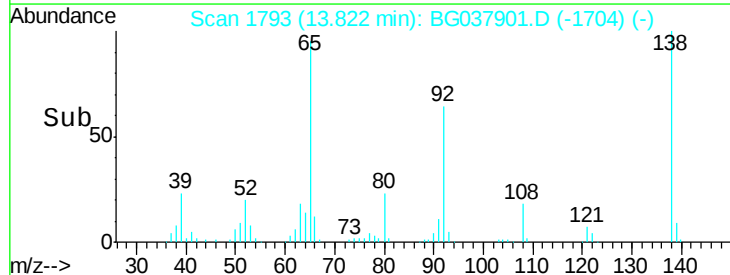
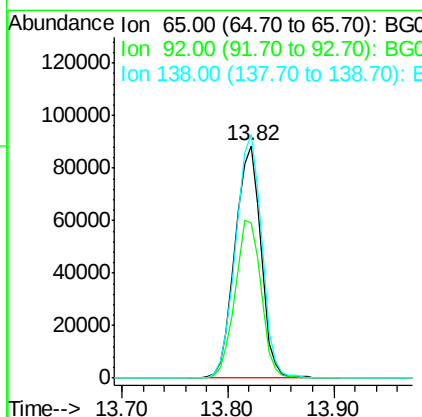
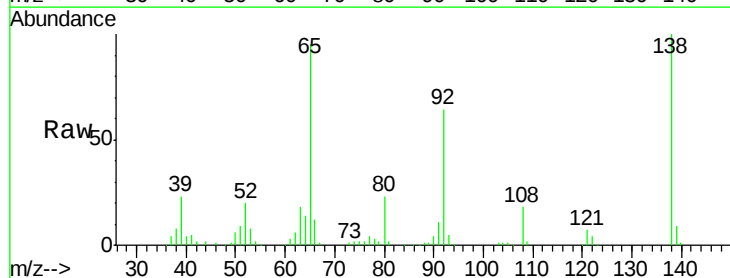
#47  
 2-Chloronaphthalene  
 Concen: 40.223 ng  
 RT: 13.61 min Scan# 1757  
 Delta R.T. -0.02 min  
 Lab File: BG037901.D  
 Acq: 9 Nov 2018 2:23

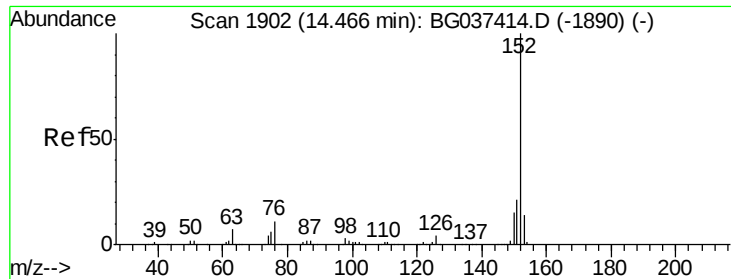
Tgt Ion: 162 Resp: 448206  
 Ion Ratio Lower Upper  
 162 100  
 127 37.3 30.5 45.7  
 164 33.8 26.4 39.6



#48  
 2-Nitroaniline  
 Concen: 44.252 ng  
 RT: 13.82 min Scan# 1793  
 Delta R.T. -0.01 min  
 Lab File: BG037901.D  
 Acq: 9 Nov 2018 2:23

Tgt Ion: 65 Resp: 149533  
 Ion Ratio Lower Upper  
 65 100  
 92 66.6 53.2 79.8  
 138 104.8 79.3 118.9





#49

Acenaphthylene

Concen: 40.305 ng

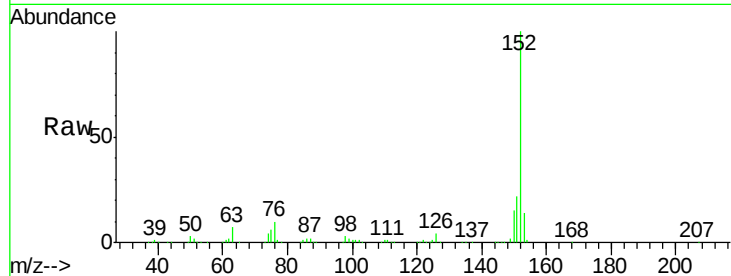
RT: 14.46 min Scan# 1901

Delta R.T. -0.01 min

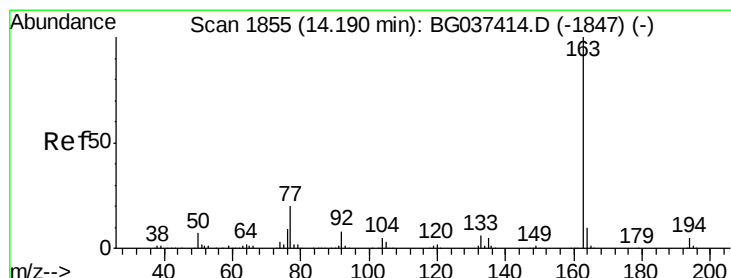
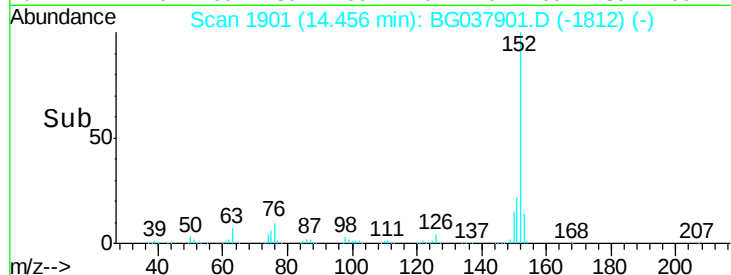
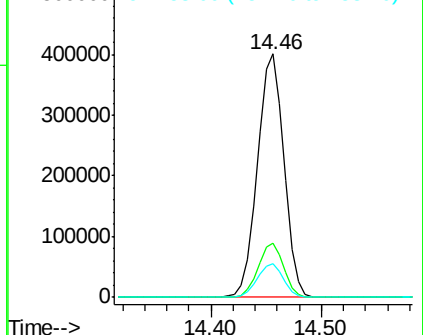
Lab File: BG037901.D

Acq: 9 Nov 2018 2:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 675598 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 151      | 22.3  | 17.1  | 25.7   |
| 153      | 13.9  | 11.1  | 16.7   |



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



#50

Dimethylphthalate

Concen: 41.074 ng

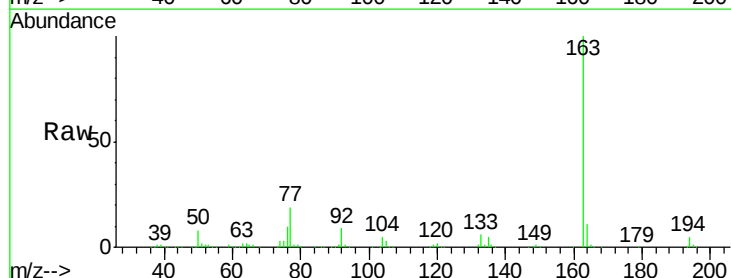
RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

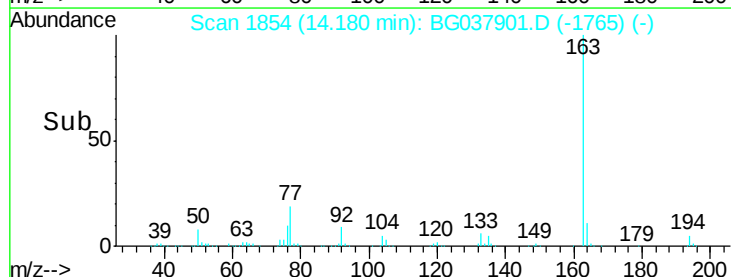
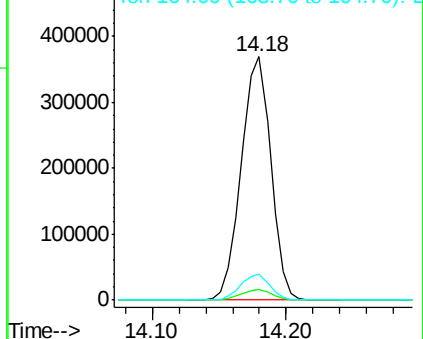
Lab File: BG037901.D

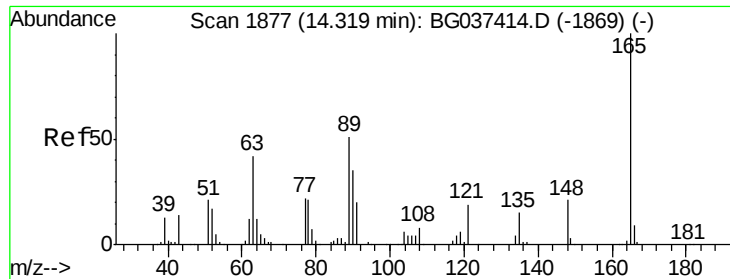
Acq: 9 Nov 2018 2:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 163   | Resp: | 565122 |
| Ion      | Ratio | Lower | Upper  |
| 163      | 100   |       |        |
| 194      | 4.6   | 3.5   | 5.3    |
| 164      | 10.9  | 8.5   | 12.7   |



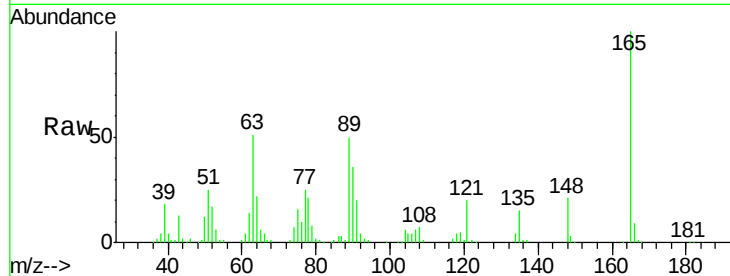
Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E



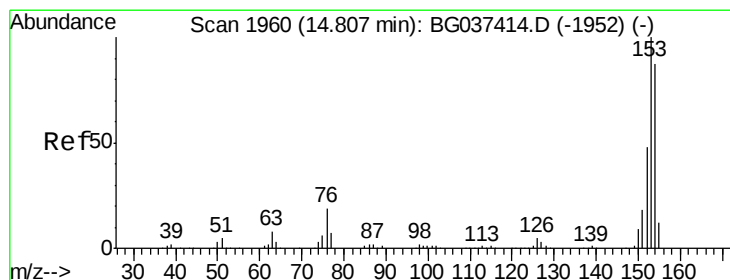
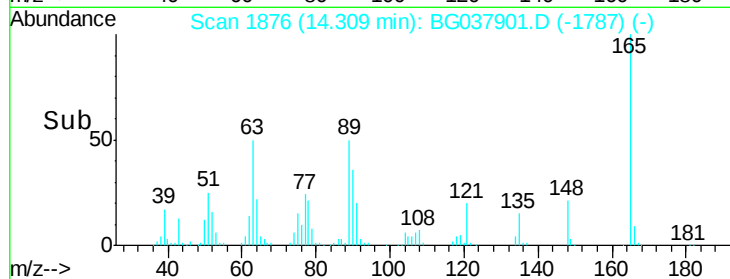
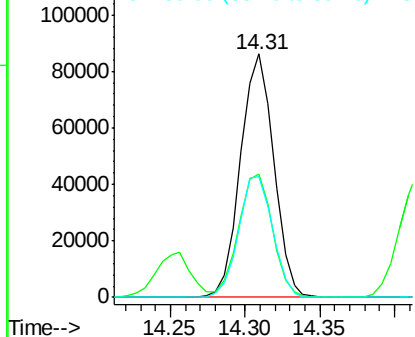


#51  
 2,6-Dinitrotoluene  
 Concen: 43.711 ng  
 RT: 14.31 min Scan# 1876  
 Delta R.T. -0.01 min  
 Lab File: BG037901.D  
 Acq: 9 Nov 2018 2:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 50.8  | 43.4  | 65.2  |
| 89      | 49.7  | 45.8  | 68.6  |

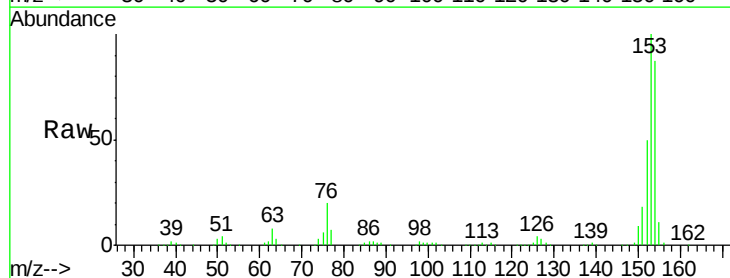


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BGC  
 Ion 89.00 (88.70 to 89.70): BGC

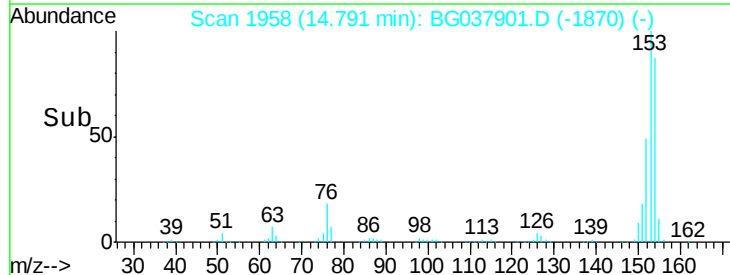
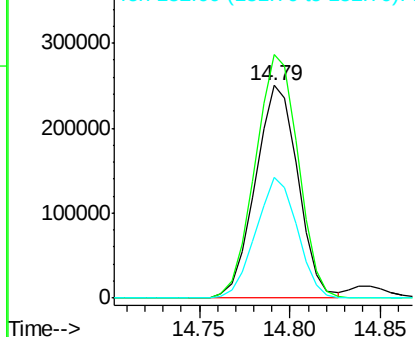


#52  
 Acenaphthene  
 Concen: 39.641 ng  
 RT: 14.79 min Scan# 1958  
 Delta R.T. -0.02 min  
 Lab File: BG037901.D  
 Acq: 9 Nov 2018 2:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 114.4 | 93.4  | 140.0 |
| 152     | 56.7  | 44.7  | 67.1  |



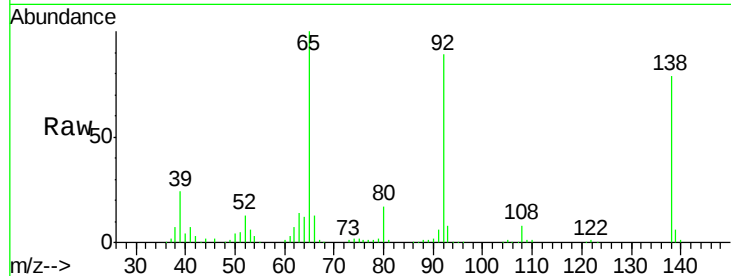
Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 152.00 (151.70 to 152.70): E



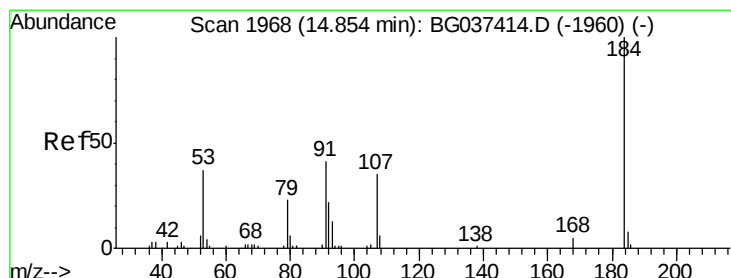
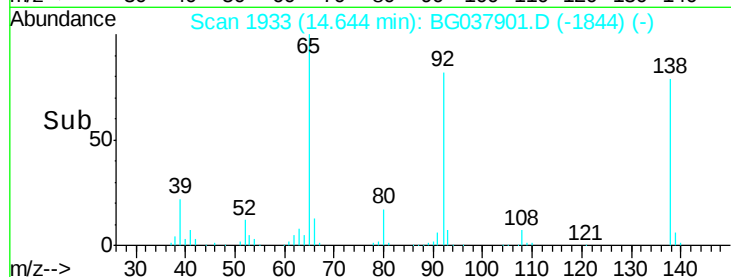
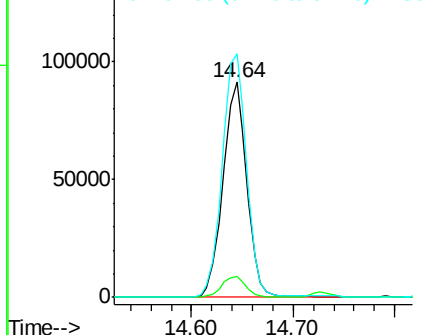


#53  
 3-Nitroaniline  
 Concen: 44.368 ng  
 RT: 14.64 min Scan# 1933  
 Delta R.T. -0.01 min  
 Lab File: BG037901.D  
 Acq: 9 Nov 2018 2:23

Tgt Ion:138 Resp: 149914  
 Ion Ratio Lower Upper  
 138 100  
 108 9.8 11.0 16.6#  
 92 113.2 95.2 142.8

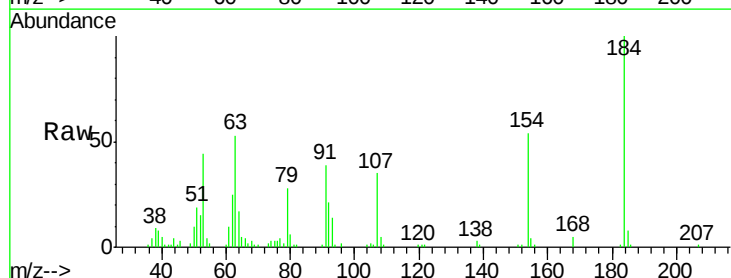


Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 108.00 (107.70 to 108.70): E  
 Ion 92.00 (91.70 to 92.70): B

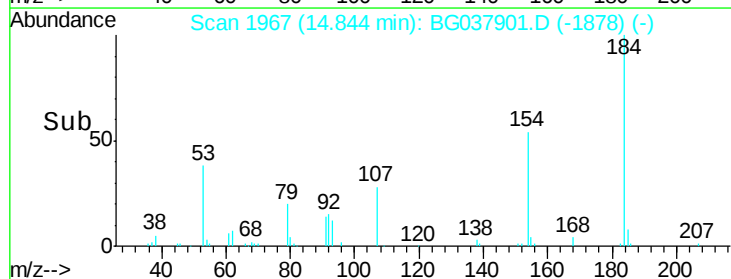
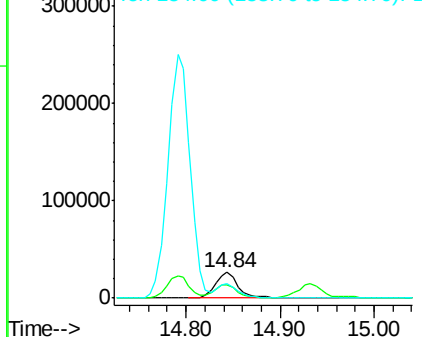


#54  
 2,4-Dinitrophenol  
 Concen: 47.389 ng  
 RT: 14.84 min Scan# 1967  
 Delta R.T. -0.01 min  
 Lab File: BG037901.D  
 Acq: 9 Nov 2018 2:23

Tgt Ion:184 Resp: 46157  
 Ion Ratio Lower Upper  
 184 100  
 63 53.1 42.6 63.8  
 154 53.9 41.8 62.6



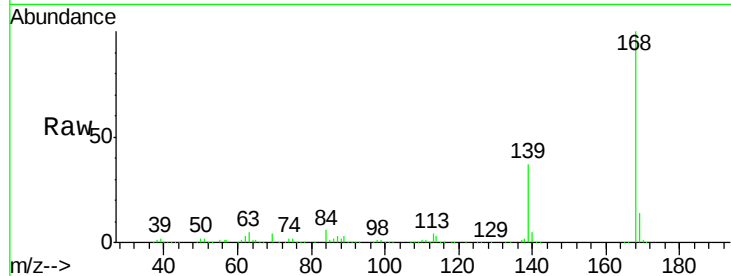
Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): B  
 Ion 154.00 (153.70 to 154.70): E



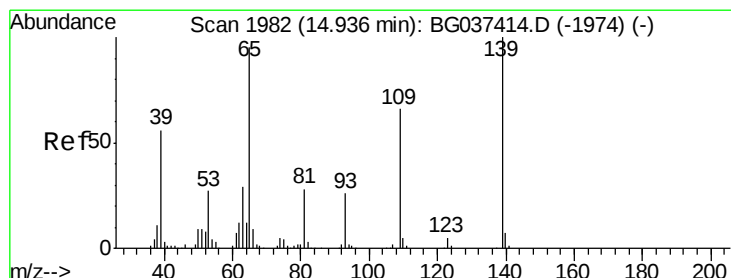
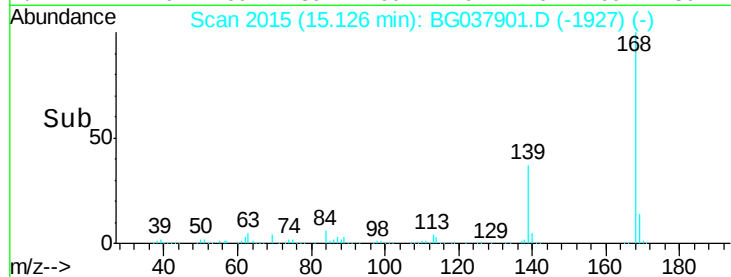
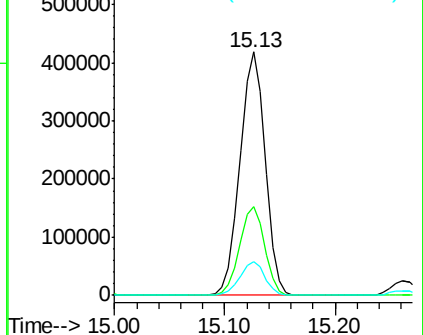


#55  
Dibenzofuran  
Concen: 39.358 ng  
RT: 15.13 min Scan# 2015  
Delta R.T. -0.02 min  
Lab File: BG037901.D  
Acq: 9 Nov 2018 2:23

Tgt Ion:168 Resp: 673168  
Ion Ratio Lower Upper  
168 100  
139 36.5 29.4 44.0  
169 13.6 11.0 16.6

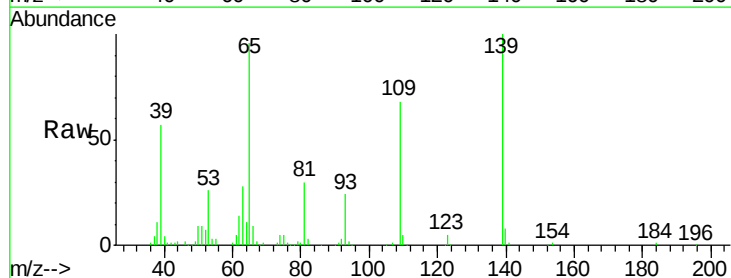


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

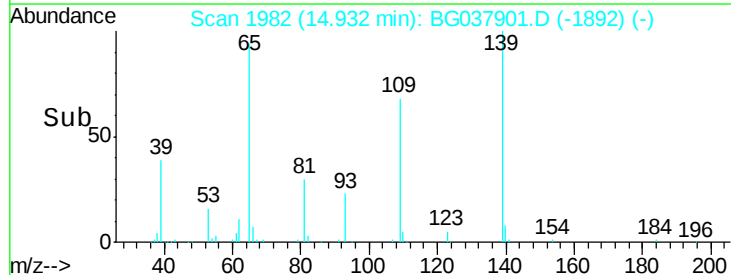
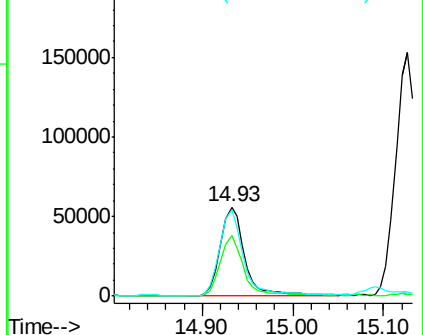


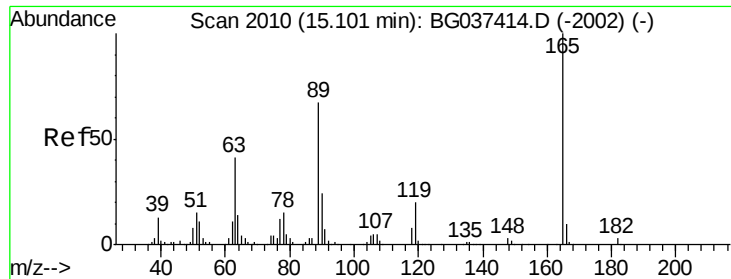
#56  
4-Nitrophenol  
Concen: 42.251 ng  
RT: 14.93 min Scan# 1982  
Delta R.T. -0.00 min  
Lab File: BG037901.D  
Acq: 9 Nov 2018 2:23

Tgt Ion:139 Resp: 105673  
Ion Ratio Lower Upper  
139 100  
109 68.3 49.5 89.5  
65 96.3 76.8 116.8



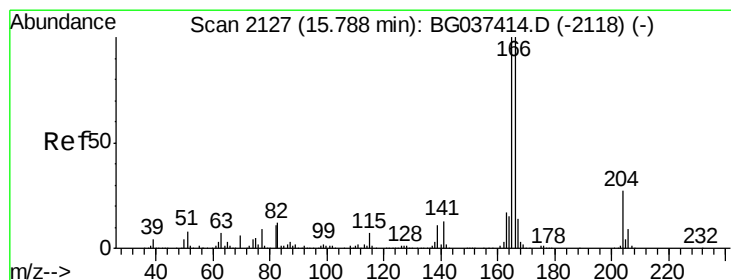
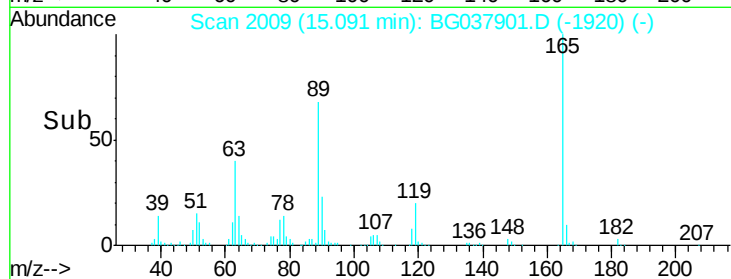
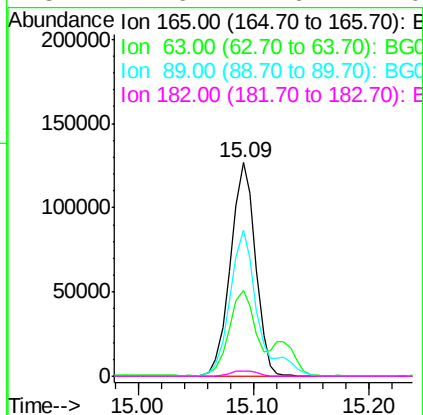
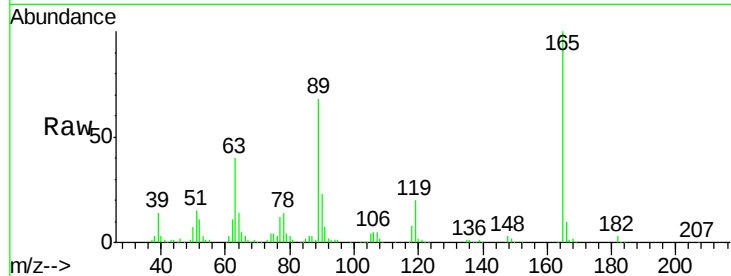
Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BG





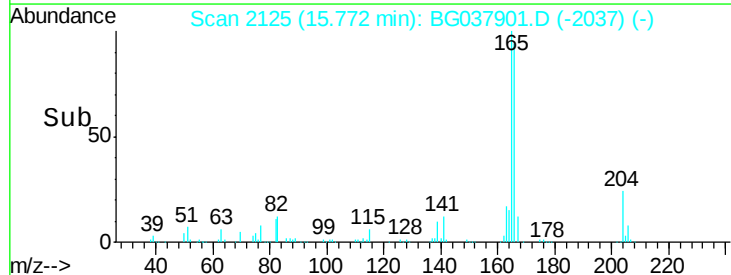
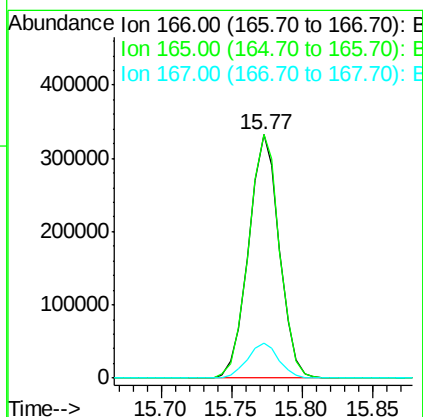
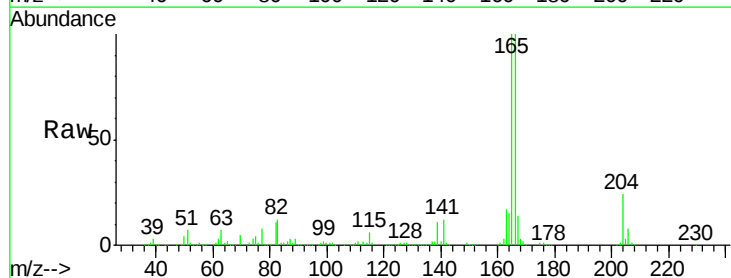
#57  
 2,4-Dinitrotoluene  
 Concen: 47.591 ng  
 RT: 15.09 min Scan# 2009  
 Delta R.T. -0.01 min  
 Lab File: BG037901.D  
 Acq: 9 Nov 2018 2:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 190143 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 40.0  | 33.4  | 50.0   |
| 89       | 68.4  | 57.2  | 85.8   |
| 182      | 2.6   | 2.6   | 4.0#   |



#58  
 Fluorene  
 Concen: 39.582 ng  
 RT: 15.77 min Scan# 2125  
 Delta R.T. -0.02 min  
 Lab File: BG037901.D  
 Acq: 9 Nov 2018 2:23

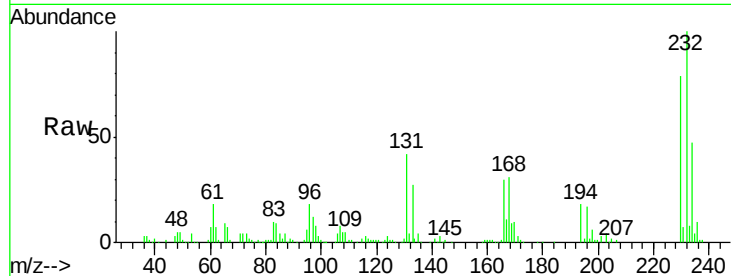
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 506973 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 99.9  | 79.0  | 118.6  |
| 167      | 14.1  | 11.3  | 16.9   |



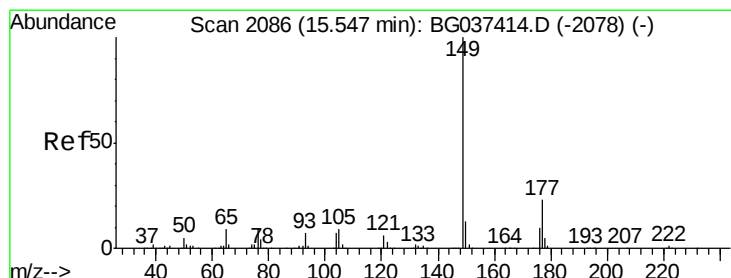
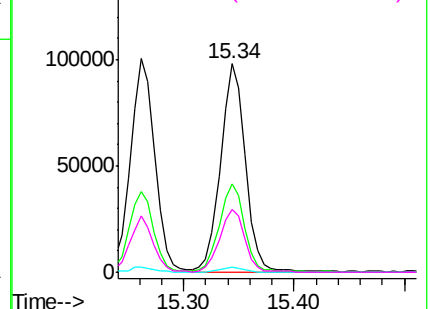
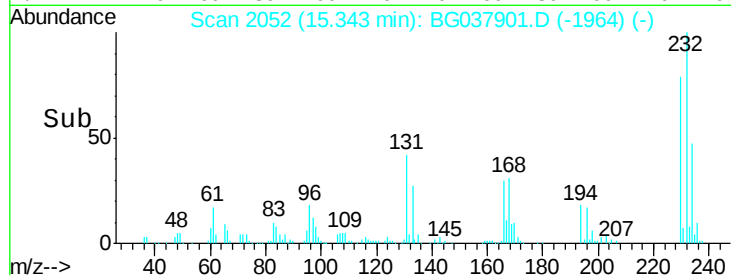


#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 43.178 ng  
 RT: 15.34 min Scan# 2052  
 Delta R.T. -0.02 min  
 Lab File: BG037901.D  
 Acq: 9 Nov 2018 2:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 232   | Resp: | 154259 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 42.0  | 33.7  | 50.5   |
| 130      | 2.4   | 2.1   | 3.1    |
| 166      | 30.2  | 24.6  | 36.8   |

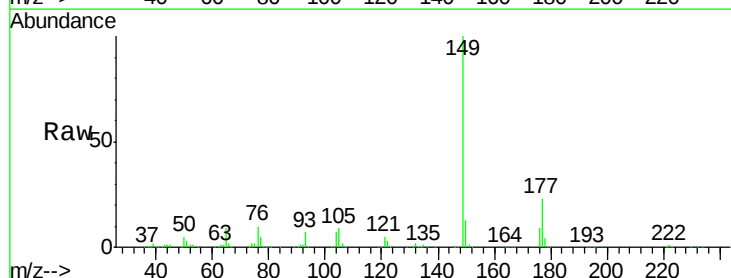


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

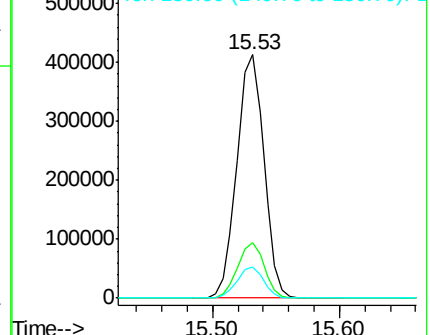
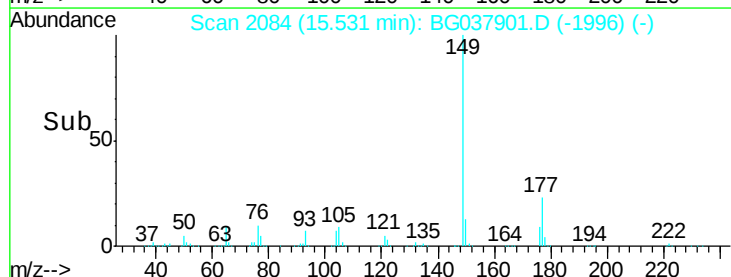


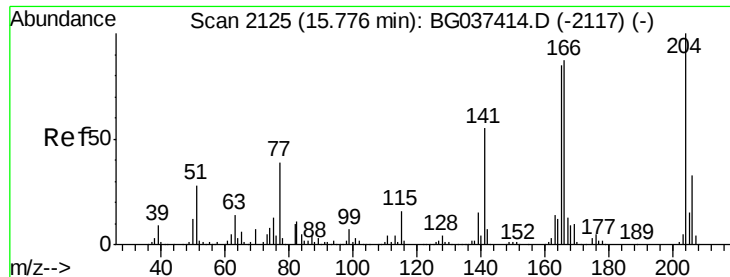
#60  
 Diethylphthalate  
 Concen: 43.061 ng  
 RT: 15.53 min Scan# 2084  
 Delta R.T. -0.02 min  
 Lab File: BG037901.D  
 Acq: 9 Nov 2018 2:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 608249 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 22.6  | 18.3  | 27.5   |
| 150      | 12.7  | 10.0  | 15.0   |



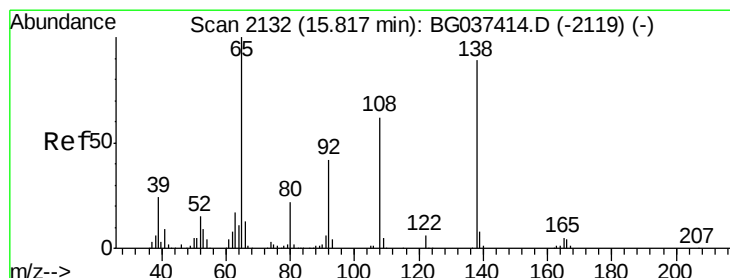
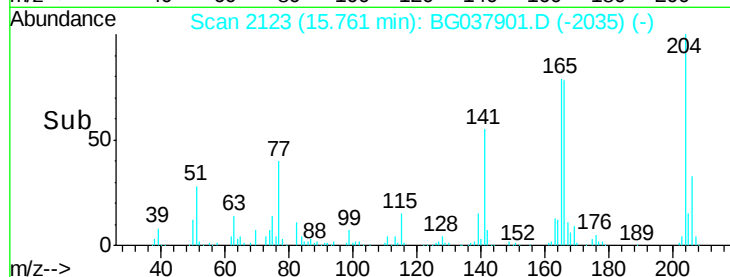
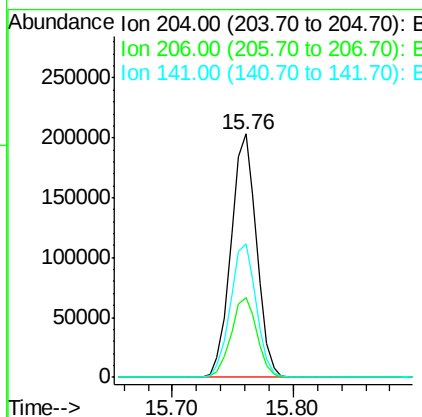
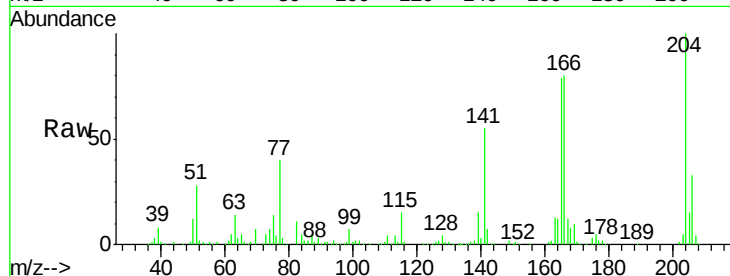
Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 177.00 (176.70 to 177.70): E  
 Ion 150.00 (149.70 to 150.70): E





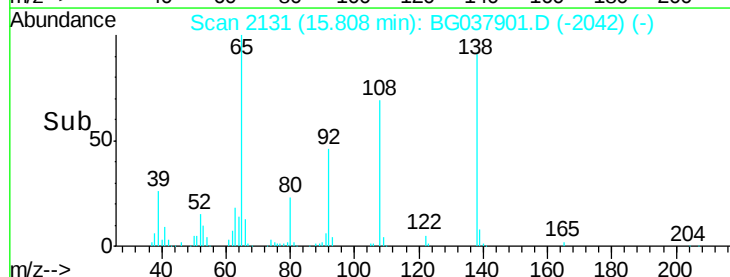
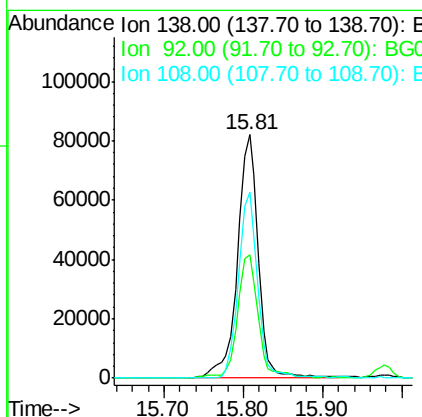
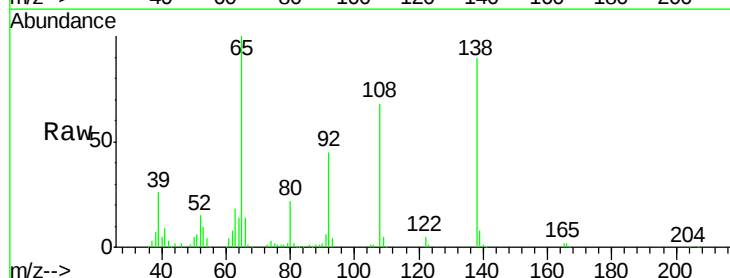
#61  
 4-Chlorophenyl-phenylether  
 Concen: 40.014 ng  
 RT: 15.76 min Scan# 2123  
 Delta R.T. -0.02 min  
 Lab File: BG037901.D  
 Acq: 9 Nov 2018 2:23

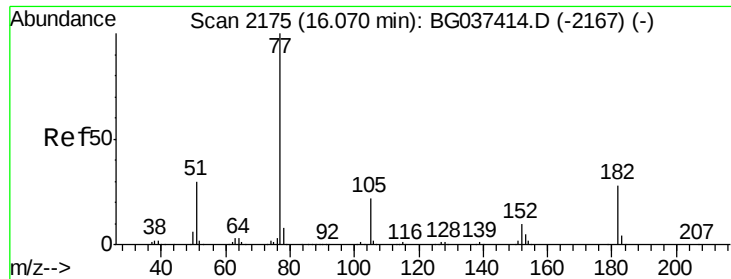
Tgt Ion: 204 Resp: 298722  
 Ion Ratio Lower Upper  
 204 100  
 206 32.5 26.6 39.8  
 141 55.0 45.4 68.2



#62  
 4-Nitroaniline  
 Concen: 44.476 ng  
 RT: 15.81 min Scan# 2131  
 Delta R.T. -0.01 min  
 Lab File: BG037901.D  
 Acq: 9 Nov 2018 2:23

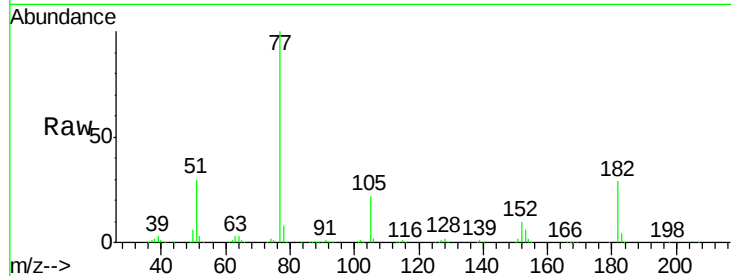
Tgt Ion: 138 Resp: 149328  
 Ion Ratio Lower Upper  
 138 100  
 92 50.5 36.4 76.4  
 108 76.5 60.1 100.1



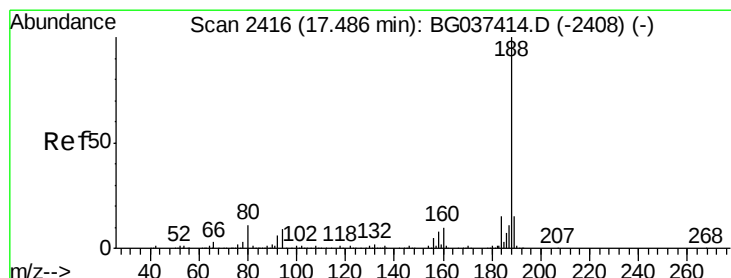
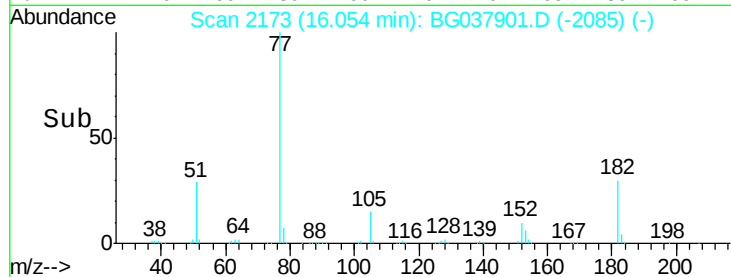
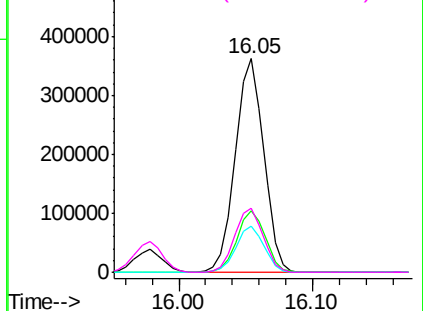


#63  
Azobenzene  
Concen: 39.829 ng  
RT: 16.05 min Scan# 2173  
Delta R.T. -0.02 min  
Lab File: BG037901.D  
Acq: 9 Nov 2018 2:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 536783 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 28.6  | 8.0   | 48.0   |
| 105      | 21.7  | 1.3   | 41.3   |
| 51       | 30.1  | 10.7  | 50.7   |

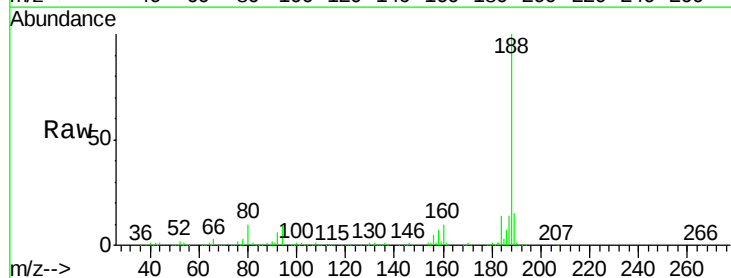


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

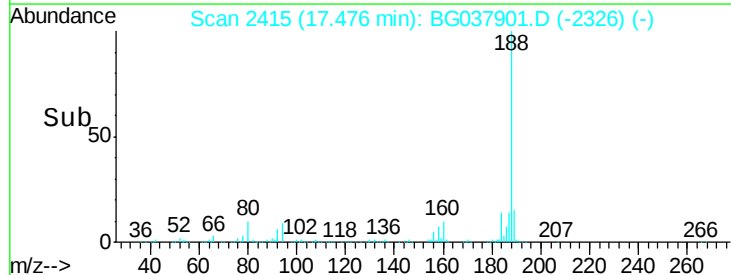
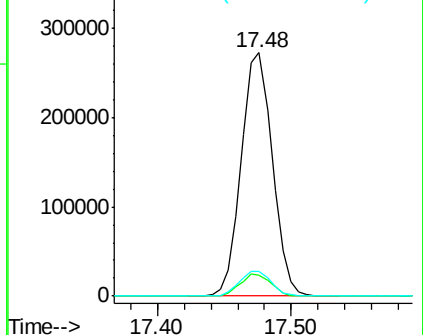


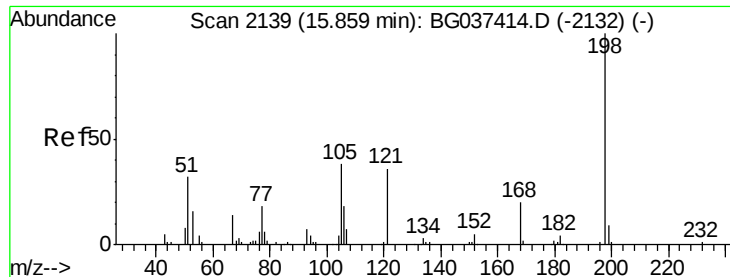
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.48 min Scan# 2415  
Delta R.T. -0.01 min  
Lab File: BG037901.D  
Acq: 9 Nov 2018 2:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 438175 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 8.7   | 7.2   | 10.8   |
| 80       | 10.1  | 7.7   | 11.5   |



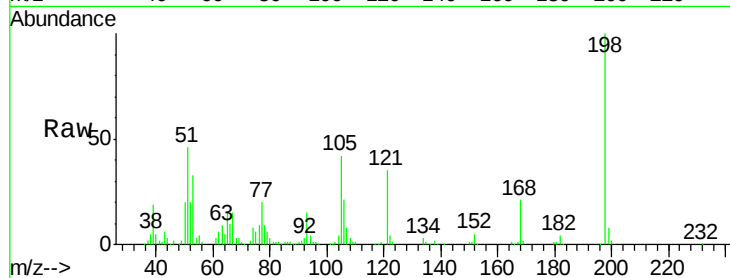
Abundance Ion 188.00 (187.70 to 188.70): BGC  
Ion 94.00 (93.70 to 94.70): BGC  
Ion 80.00 (79.70 to 80.70): BGC



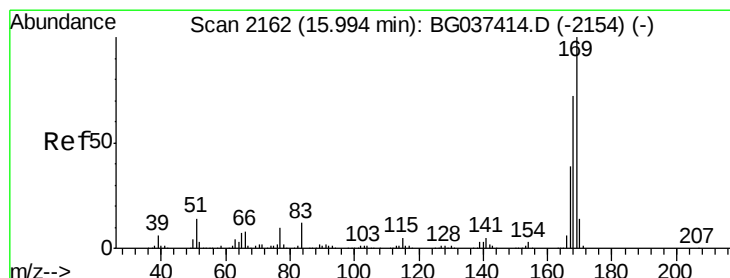
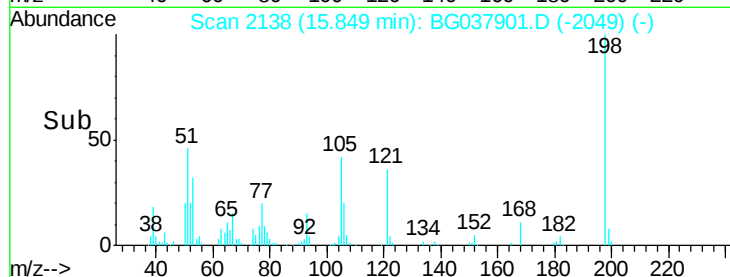
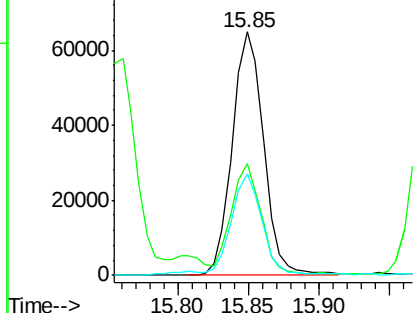


#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.542 ng  
RT: 15.85 min Scan# 2138  
Delta R.T. -0.01 min  
Lab File: BG037901.D  
Acq: 9 Nov 2018 2:23

Tgt Ion:198 Resp: 100706  
Ion Ratio Lower Upper  
198 100  
51 45.9 22.7 62.7  
105 41.8 19.7 59.7

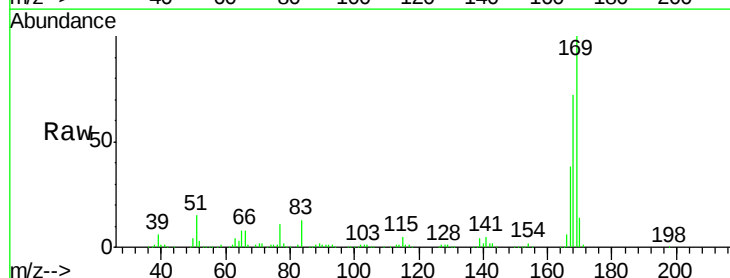


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BG  
Ion 105.00 (104.70 to 105.70): E

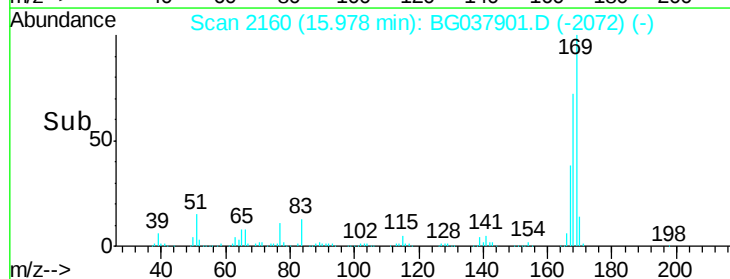
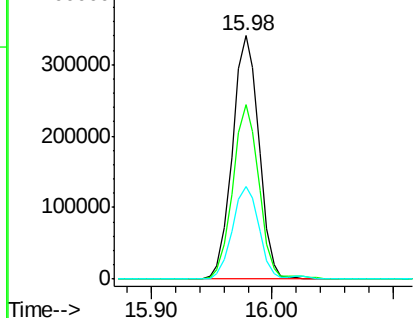


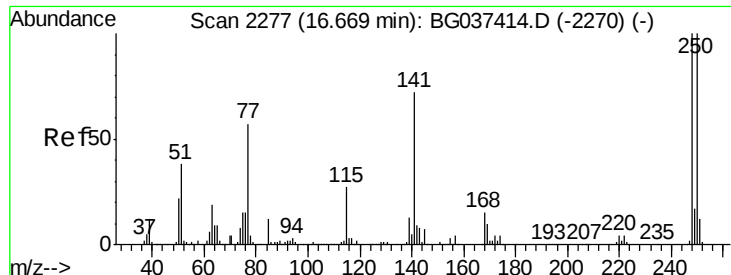
#66  
n-Nitrosodiphenylamine  
Concen: 39.506 ng  
RT: 15.98 min Scan# 2160  
Delta R.T. -0.02 min  
Lab File: BG037901.D  
Acq: 9 Nov 2018 2:23

Tgt Ion:169 Resp: 520708  
Ion Ratio Lower Upper  
169 100  
168 71.5 55.7 83.5  
167 38.1 31.3 46.9



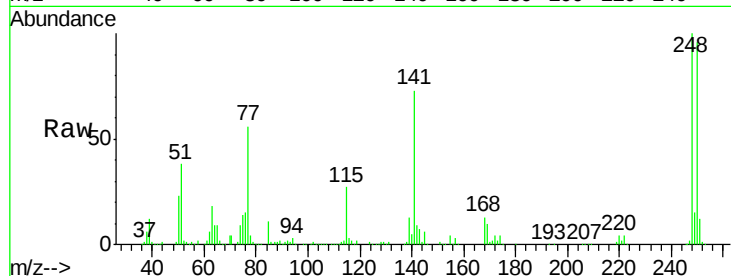
Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E



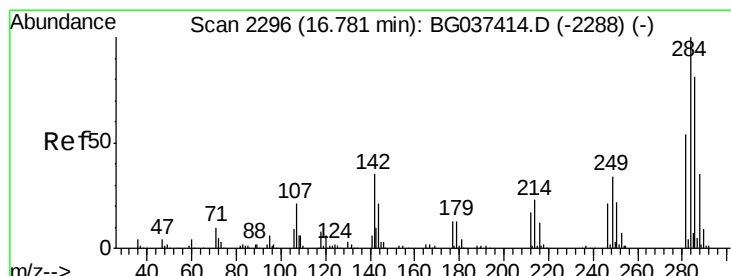
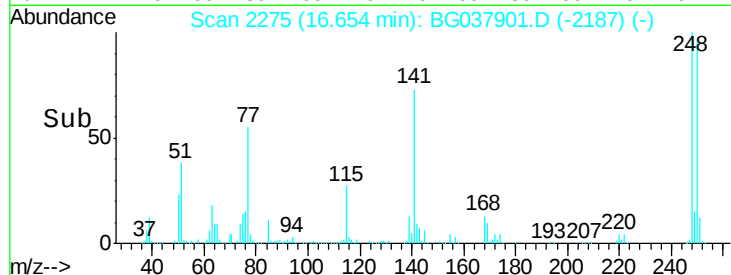
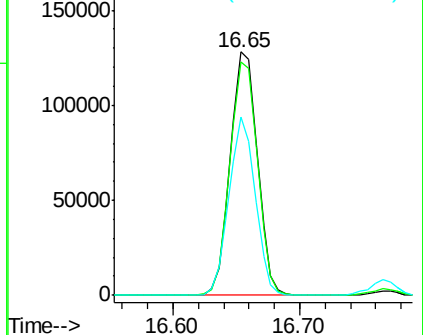


#67  
4-Bromophenyl-phenylether  
Concen: 39.513 ng  
RT: 16.65 min Scan# 2275  
Delta R.T. -0.02 min  
Lab File: BG037901.D  
Acq: 9 Nov 2018 2:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 95.8  | 77.0  | 115.6 |
| 141     | 73.3  | 55.5  | 83.3  |

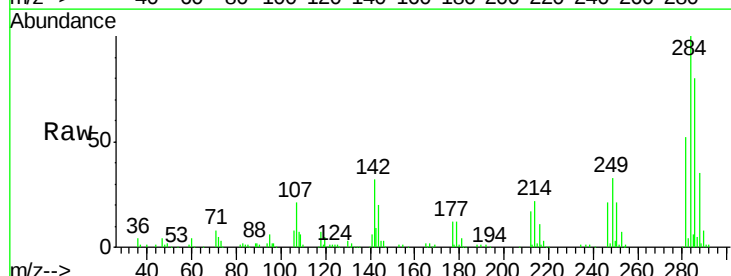


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

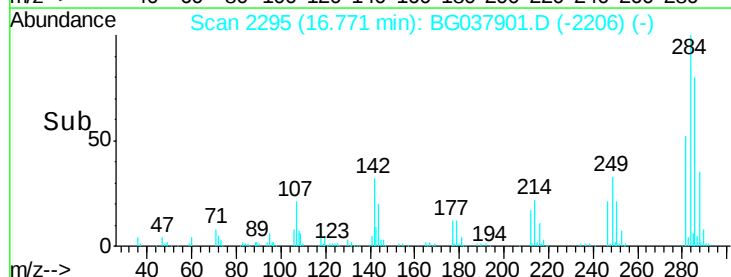
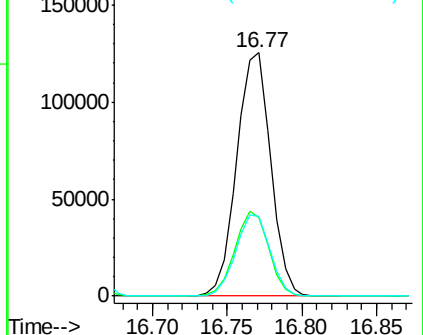


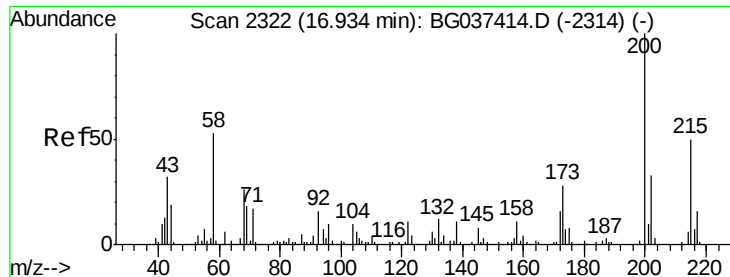
#68  
Hexachlorobenzene  
Concen: 39.763 ng  
RT: 16.77 min Scan# 2295  
Delta R.T. -0.01 min  
Lab File: BG037901.D  
Acq: 9 Nov 2018 2:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 32.4  | 28.1  | 42.1  |
| 249     | 35.5  | 29.8  | 44.8  |



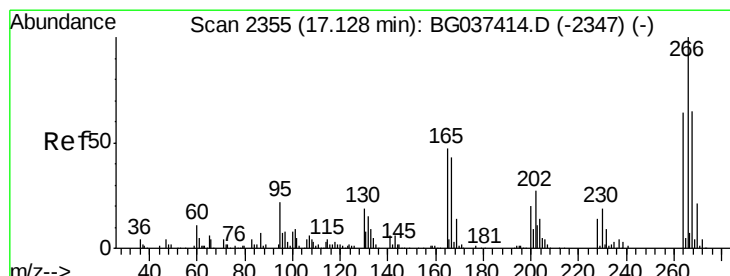
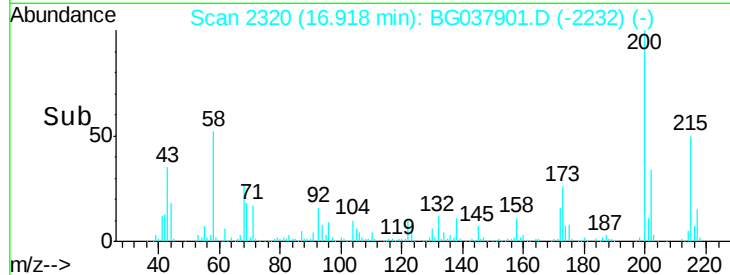
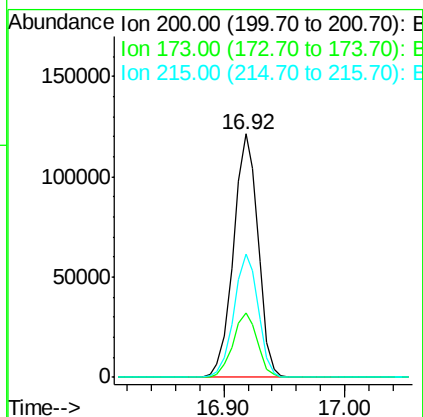
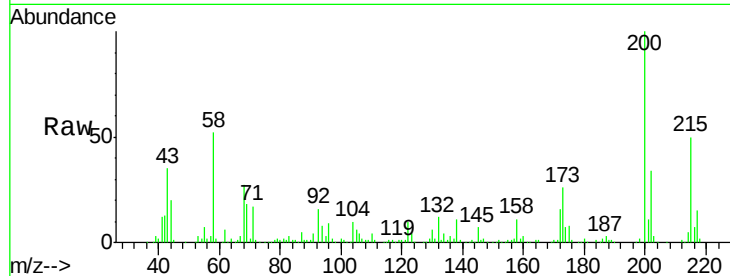
Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E





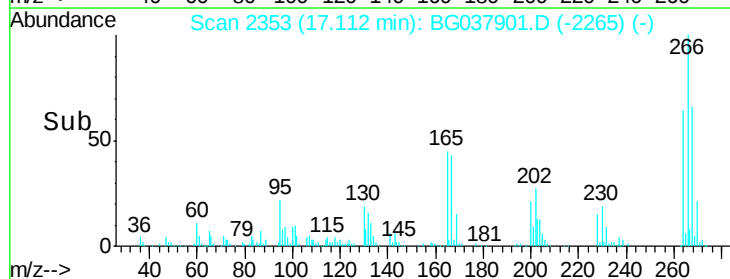
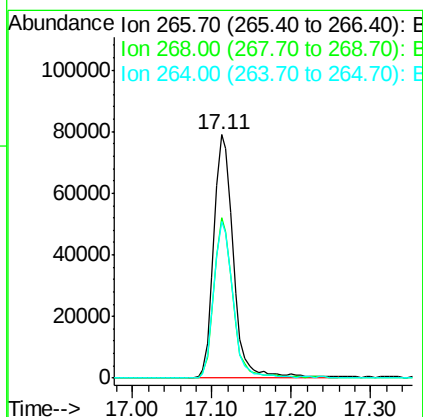
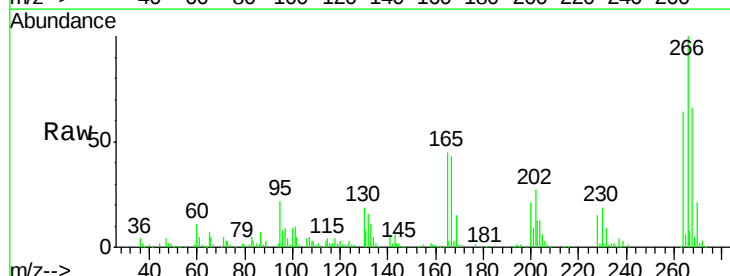
#69  
 Atrazine  
 Concen: 36.145 ng  
 RT: 16.92 min Scan# 2320  
 Delta R.T. -0.02 min  
 Lab File: BG037901.D  
 Acq: 9 Nov 2018 2:23

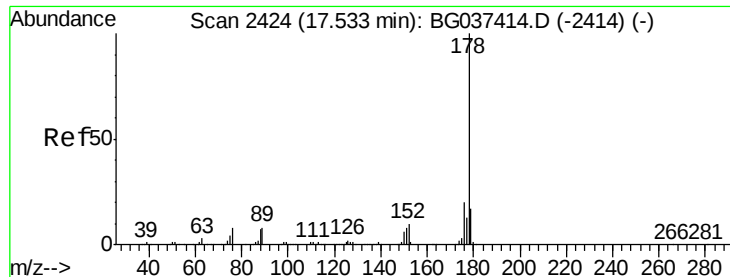
Tgt Ion: 200 Resp: 172246  
 Ion Ratio Lower Upper  
 200 100  
 173 26.4 6.1 46.1  
 215 50.5 30.8 70.8



#70  
 Pentachlorophenol  
 Concen: 40.922 ng  
 RT: 17.11 min Scan# 2353  
 Delta R.T. -0.02 min  
 Lab File: BG037901.D  
 Acq: 9 Nov 2018 2:23

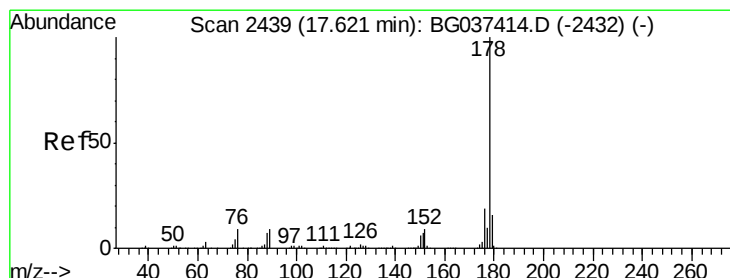
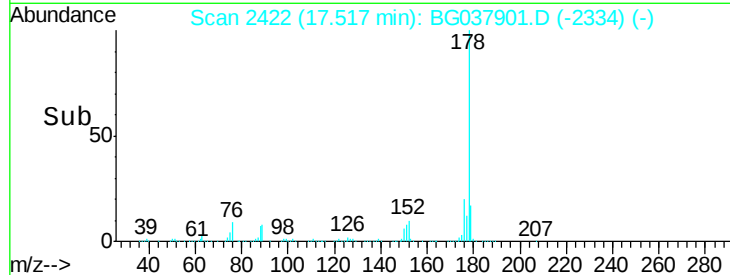
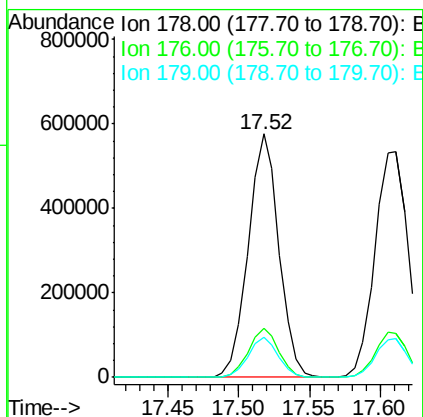
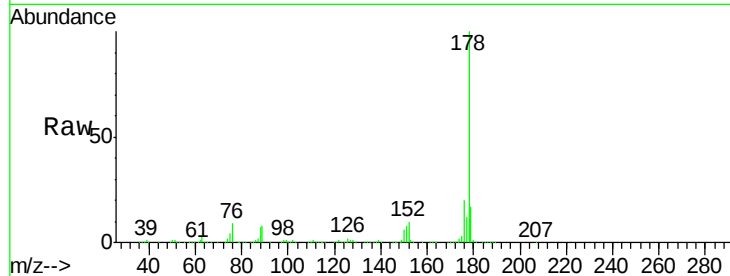
Tgt Ion: 266 Resp: 136700  
 Ion Ratio Lower Upper  
 266 100  
 268 70.9 55.0 82.6  
 264 70.1 58.9 88.3





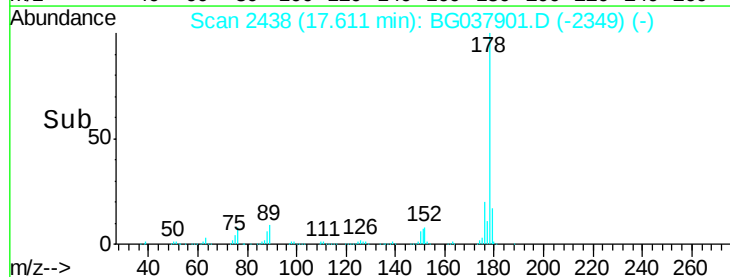
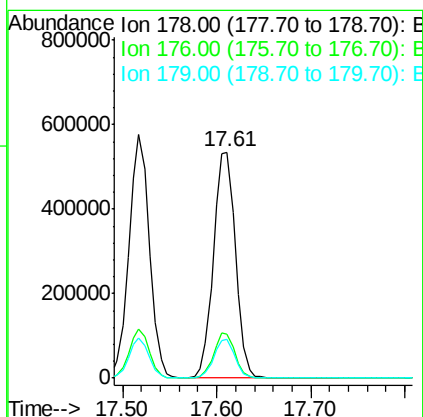
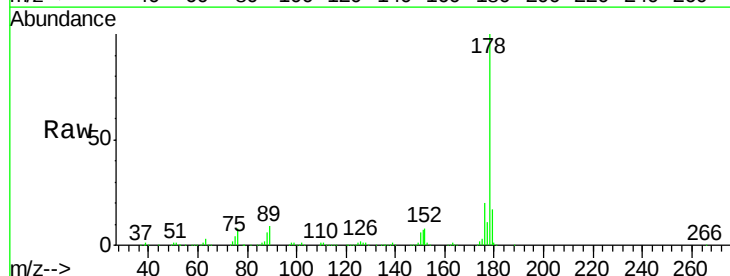
#71  
Phenanthrene  
Concen: 39.426 ng  
RT: 17.52 min Scan# 2422  
Delta R.T. -0.02 min  
Lab File: BG037901.D  
Acq: 9 Nov 2018 2:23

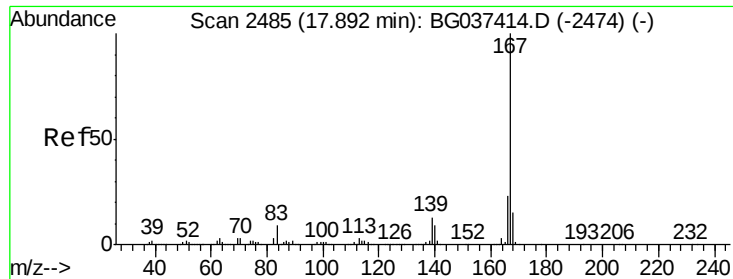
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.2  | 16.1  | 24.1  |
| 179     | 16.7  | 13.0  | 19.4  |



#72  
Anthracene  
Concen: 40.343 ng  
RT: 17.61 min Scan# 2438  
Delta R.T. -0.01 min  
Lab File: BG037901.D  
Acq: 9 Nov 2018 2:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.5  | 15.0  | 22.4  |
| 179     | 17.0  | 12.8  | 19.2  |





#73

Carbazole

Concen: 41.185 ng

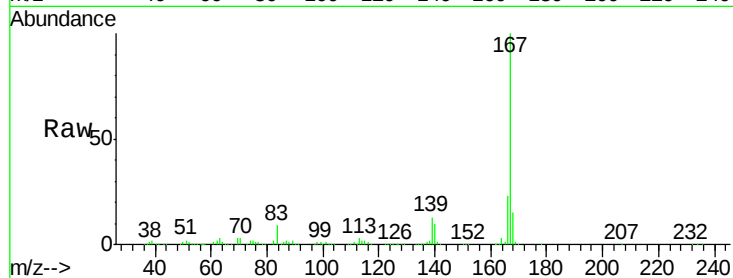
RT: 17.88 min Scan# 2484

Delta R.T. -0.01 min

Lab File: BG037901.D

Acq: 9 Nov 2018 2:23

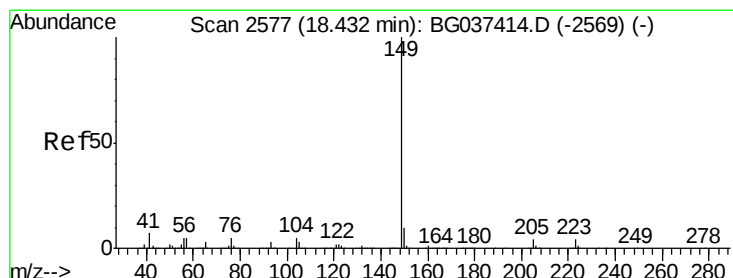
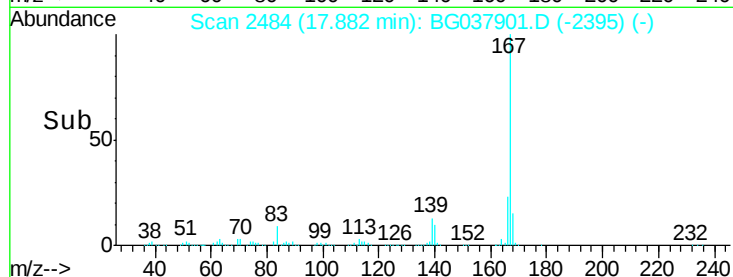
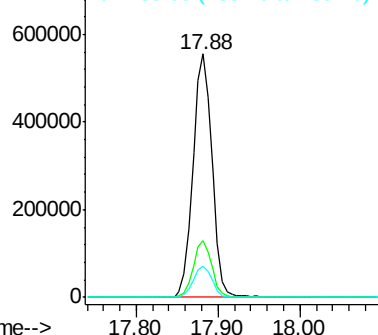
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 167   | Resp: | 900347 |
| Ion      | Ratio | Lower | Upper  |
| 167      | 100   |       |        |
| 166      | 23.3  | 18.3  | 27.5   |
| 139      | 12.8  | 10.5  | 15.7   |



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.975 ng

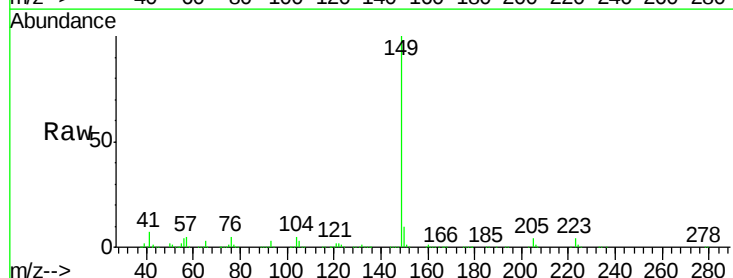
RT: 18.42 min Scan# 2575

Delta R.T. -0.02 min

Lab File: BG037901.D

Acq: 9 Nov 2018 2:23

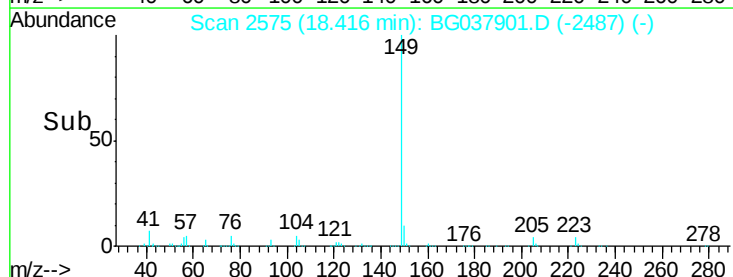
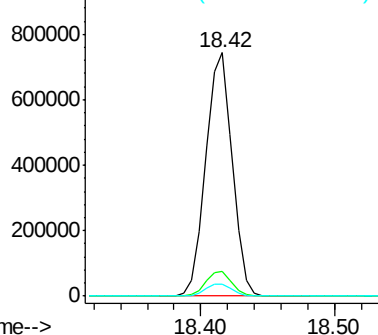
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 1020752 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 150      | 10.0  | 8.2   | 12.2    |
| 104      | 5.0   | 4.0   | 6.0     |

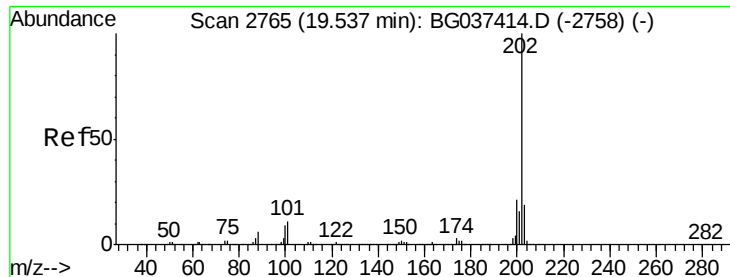


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.257 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.02 min

Lab File: BG037901.D

Acq: 9 Nov 2018 2:23

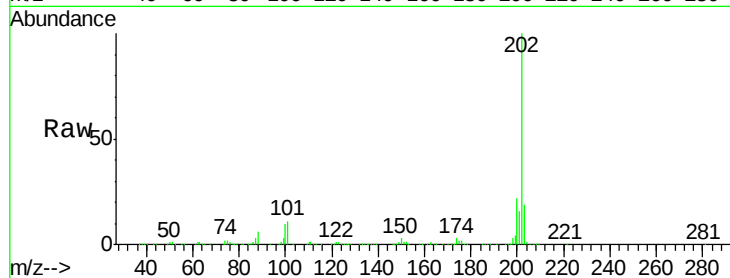
Tgt Ion:202 Resp: 1016790

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.7

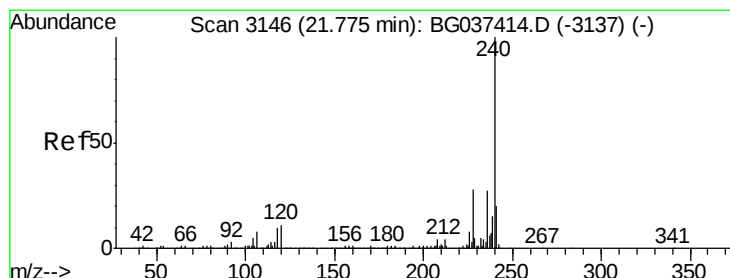
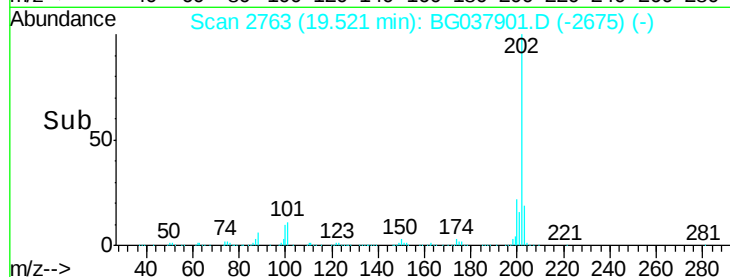
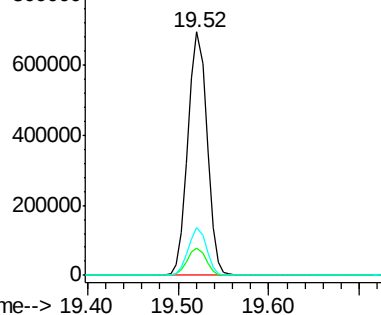
203 19.5 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG037901.D

Acq: 9 Nov 2018 2:23

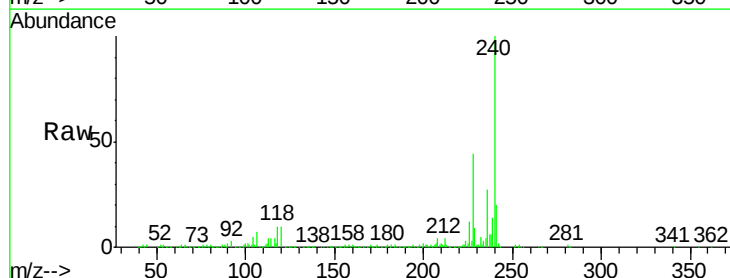
Tgt Ion:240 Resp: 406511

Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

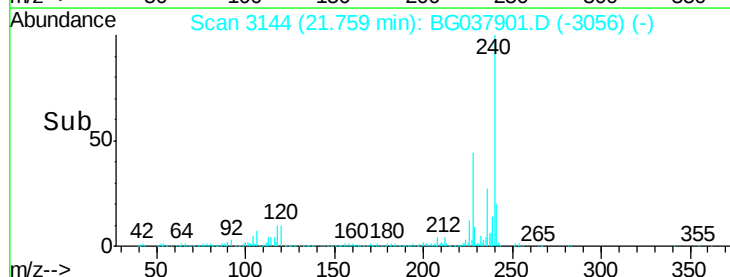
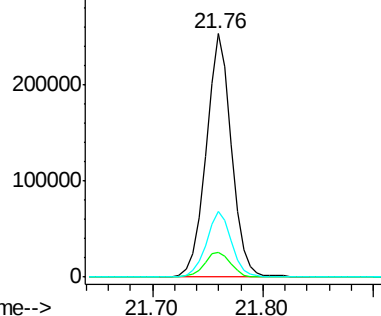
236 26.9 21.4 32.0

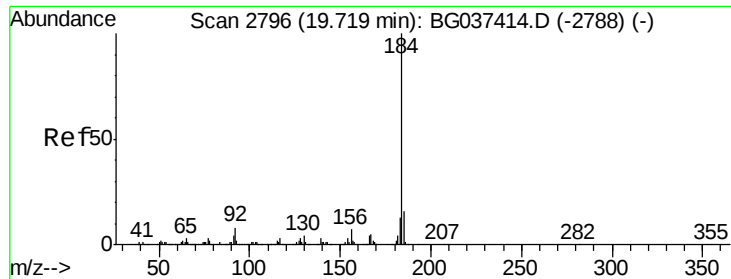


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

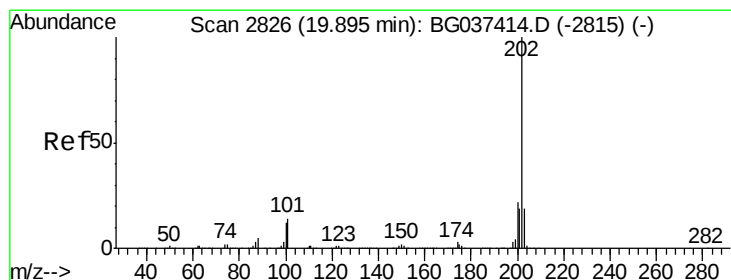
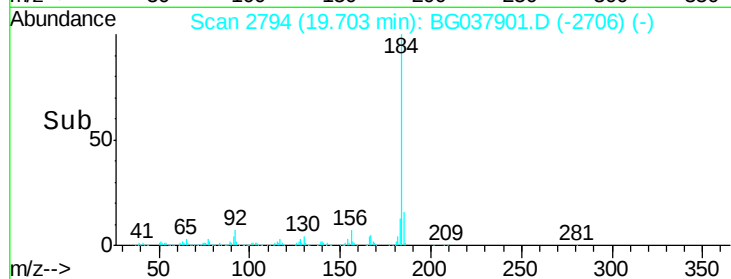
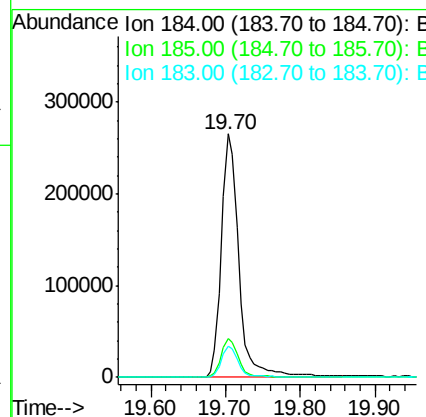
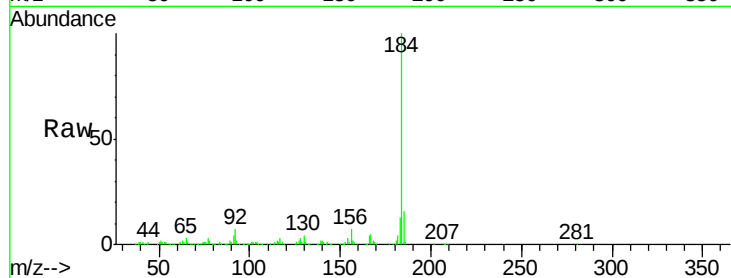
Ion 236.00 (235.70 to 236.70): E





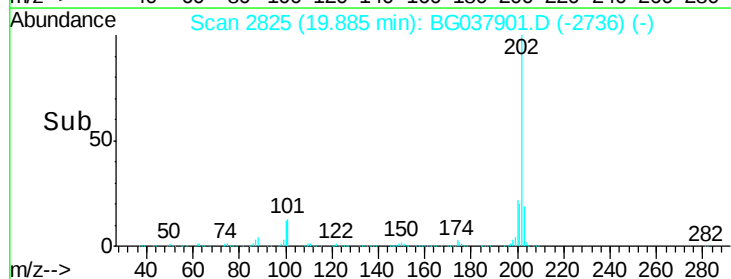
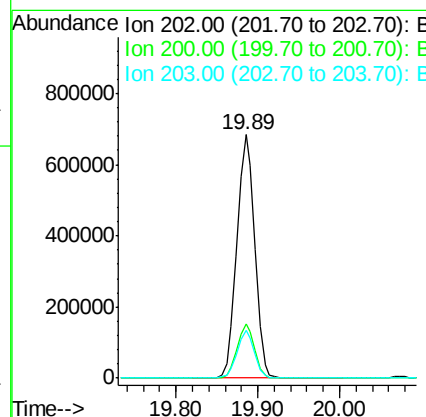
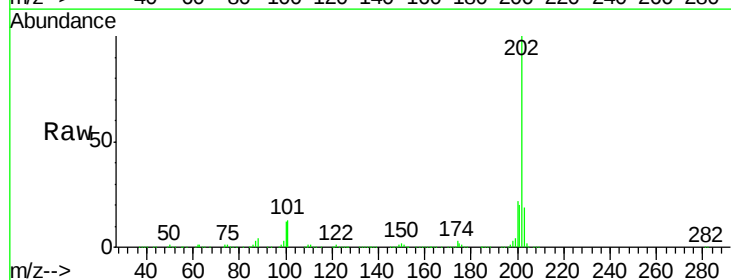
#77  
Benzidine  
Concen: 31.527 ng  
RT: 19.70 min Scan# 2794  
Delta R.T. -0.02 min  
Lab File: BG037901.D  
Acq: 9 Nov 2018 2:23

Tgt Ion:184 Resp: 435783  
Ion Ratio Lower Upper  
184 100  
185 15.9 12.6 18.8  
183 12.6 10.2 15.2



#78  
Pyrene  
Concen: 39.255 ng  
RT: 19.89 min Scan# 2825  
Delta R.T. -0.01 min  
Lab File: BG037901.D  
Acq: 9 Nov 2018 2:23

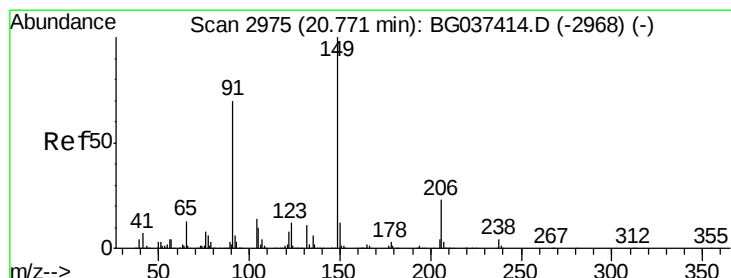
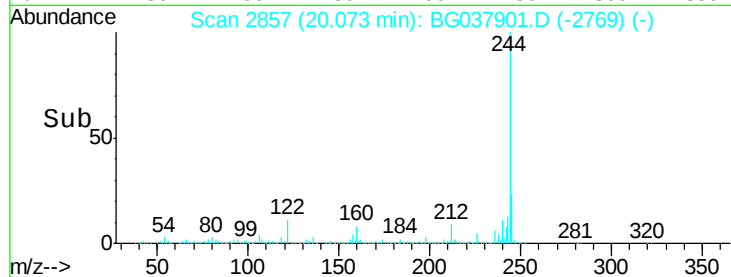
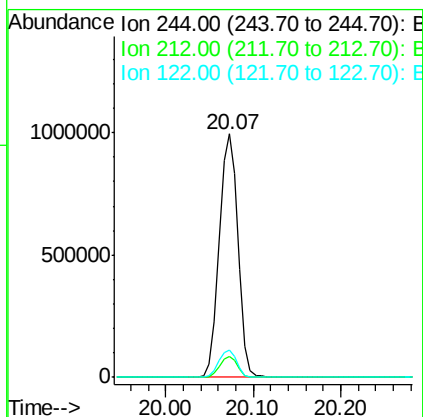
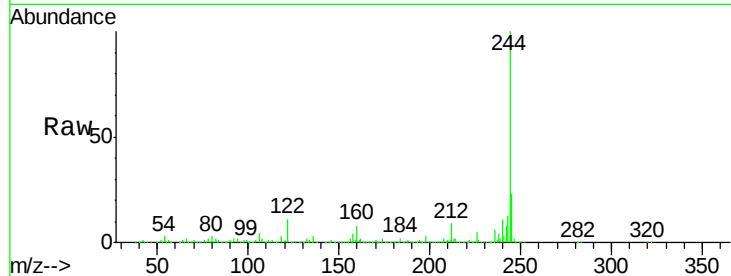
Tgt Ion:202 Resp: 1043168  
Ion Ratio Lower Upper  
202 100  
200 22.4 17.8 26.6  
203 19.4 15.2 22.8





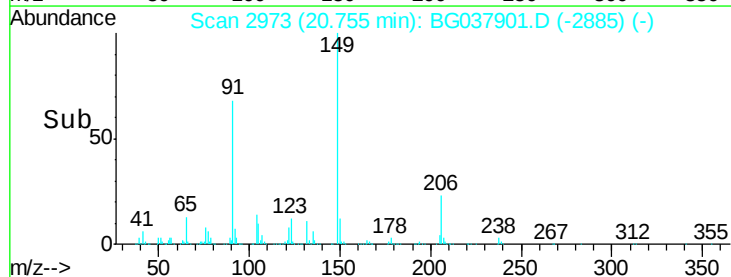
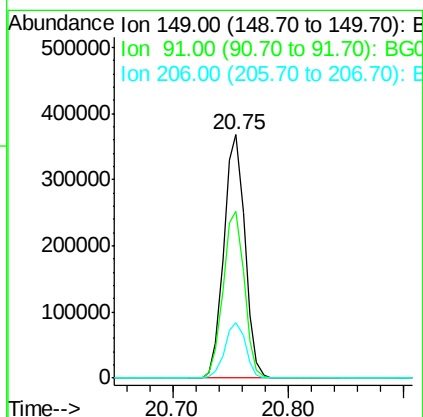
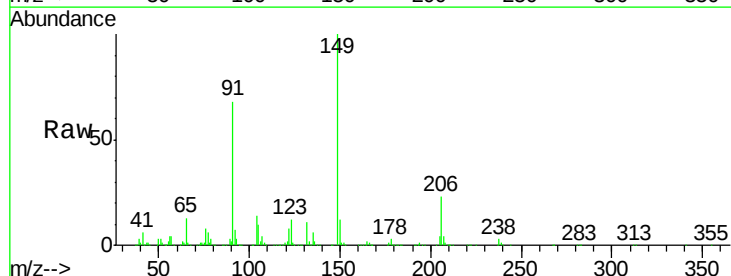
#79  
 Terphenyl-d14  
 Concen: 77.865 ng  
 RT: 20.07 min Scan# 2857  
 Delta R.T. -0.02 min  
 Lab File: BG037901.D  
 Acq: 9 Nov 2018 2:23

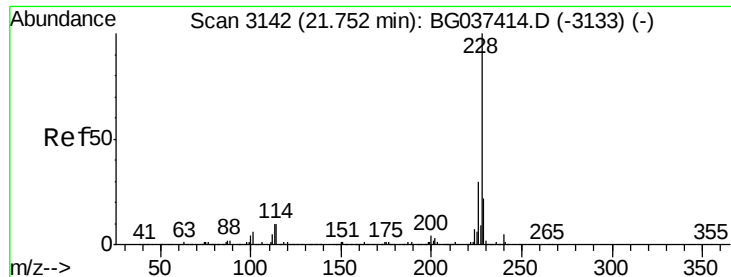
Tgt Ion:244 Resp: 1481354  
 Ion Ratio Lower Upper  
 244 100  
 212 8.7 6.5 9.7  
 122 11.3 9.0 13.4



#80  
 Butylbenzylphthalate  
 Concen: 42.818 ng  
 RT: 20.75 min Scan# 2973  
 Delta R.T. -0.02 min  
 Lab File: BG037901.D  
 Acq: 9 Nov 2018 2:23

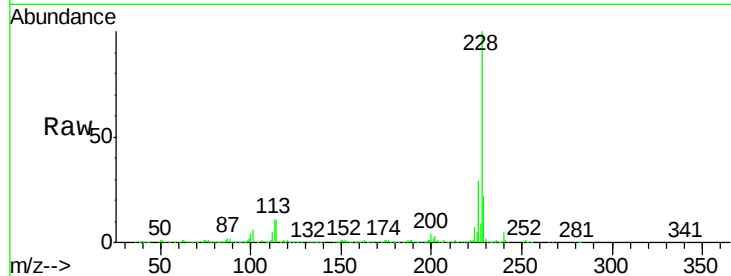
Tgt Ion:149 Resp: 465682  
 Ion Ratio Lower Upper  
 149 100  
 91 68.4 57.0 85.4  
 206 22.8 17.8 26.6



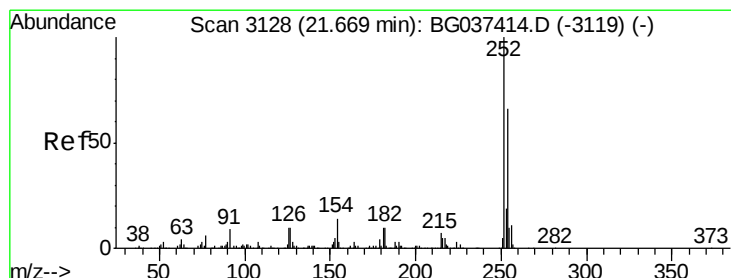
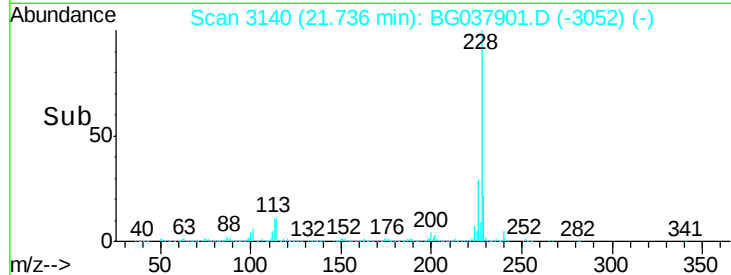
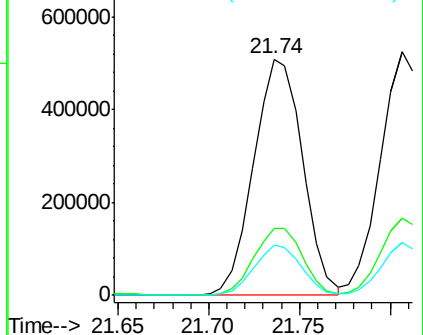


#81  
Benzo(a)anthracene  
Concen: 39.702 ng  
RT: 21.74 min Scan# 3140  
Delta R.T. -0.02 min  
Lab File: BG037901.D  
Acq: 9 Nov 2018 2:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 228   | Resp: | 954618 |
| Ion      | Ratio | Lower | Upper  |
| 228      | 100   |       |        |
| 226      | 28.6  | 22.6  | 33.8   |
| 229      | 21.5  | 16.3  | 24.5   |

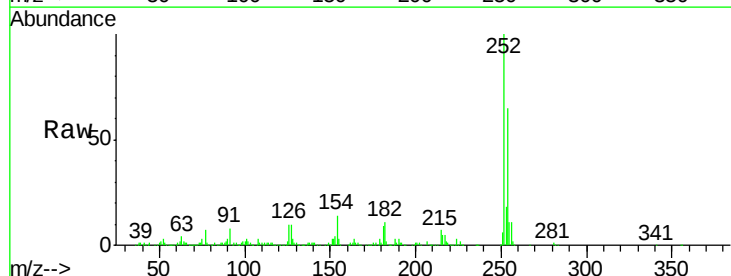


Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

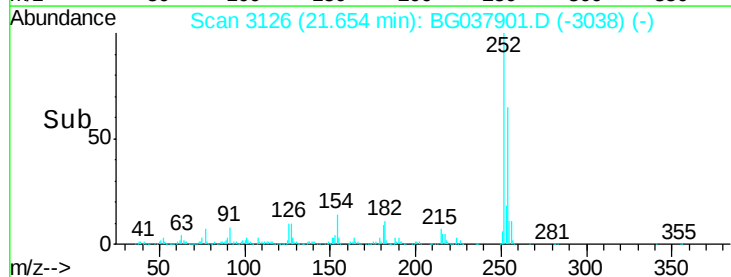
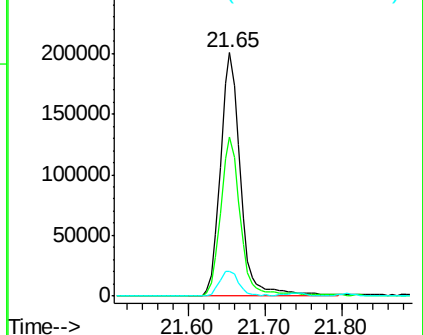


#82  
3,3'-Dichlorobenzidine  
Concen: 39.056 ng  
RT: 21.65 min Scan# 3126  
Delta R.T. -0.02 min  
Lab File: BG037901.D  
Acq: 9 Nov 2018 2:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 363997 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 254      | 65.5  | 52.0  | 78.0   |
| 126      | 10.4  | 8.2   | 12.4   |



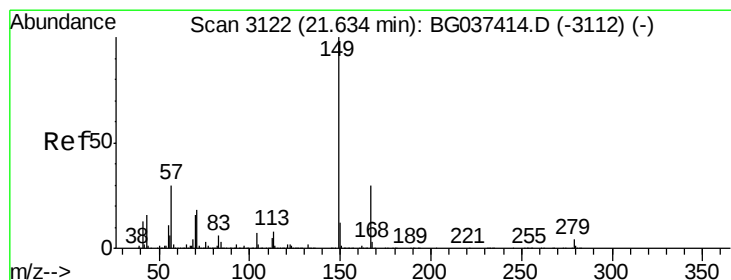
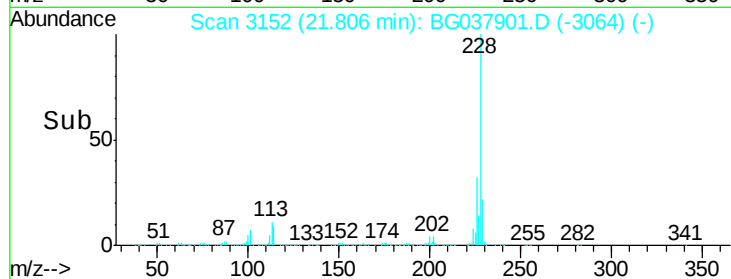
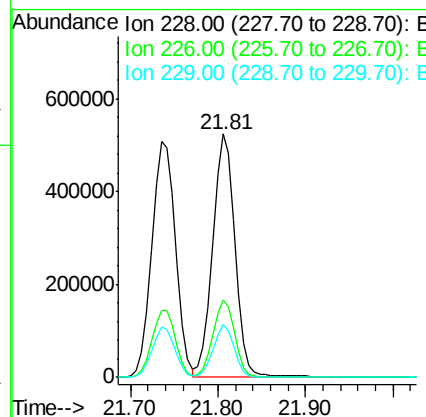
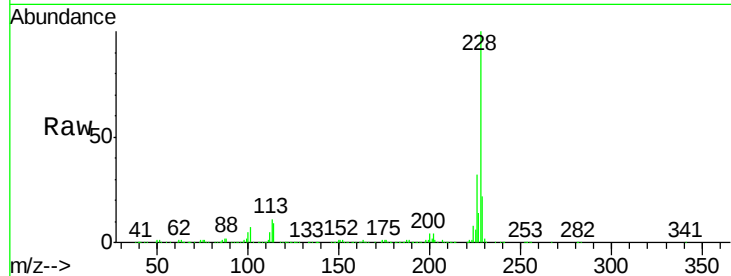
Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 254.00 (253.70 to 254.70): E  
Ion 126.00 (125.70 to 126.70): E





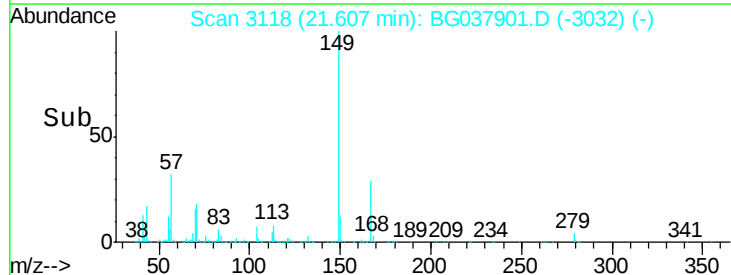
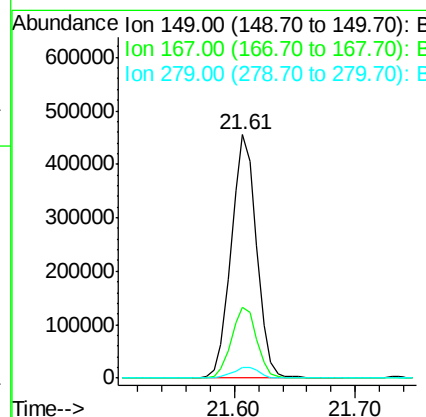
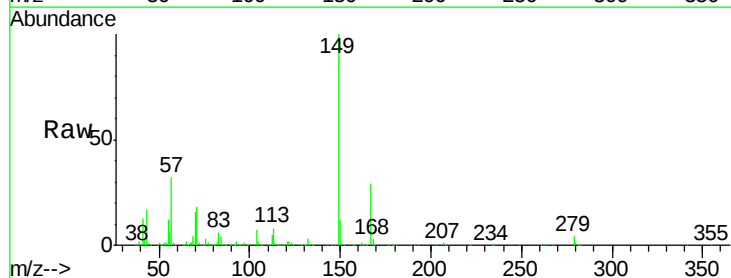
#83  
 Chrysene  
 Concen: 40.057 ng  
 RT: 21.81 min Scan# 3152  
 Delta R.T. -0.02 min  
 Lab File: BG037901.D  
 Acq: 9 Nov 2018 2:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 228   | Resp: | 926142 |
| Ion      | Ratio | Lower | Upper  |
| 228      | 100   |       |        |
| 226      | 31.6  | 25.7  | 38.5   |
| 229      | 21.6  | 16.5  | 24.7   |



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 43.320 ng  
 RT: 21.61 min Scan# 3118  
 Delta R.T. -0.03 min  
 Lab File: BG037901.D  
 Acq: 9 Nov 2018 2:23

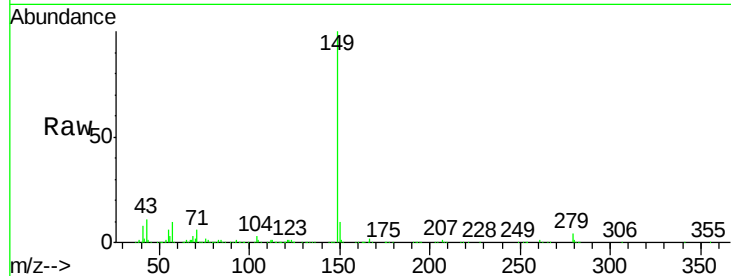
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 660400 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 167      | 29.3  | 23.0  | 34.4   |
| 279      | 4.4   | 3.6   | 5.4    |



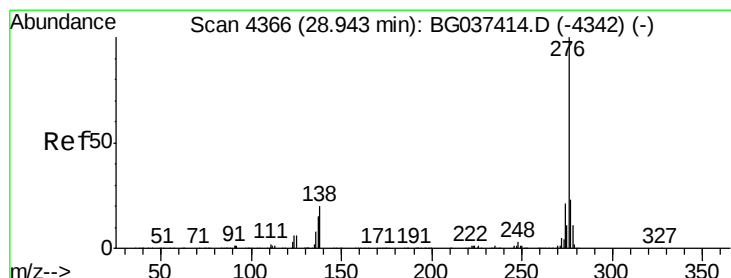
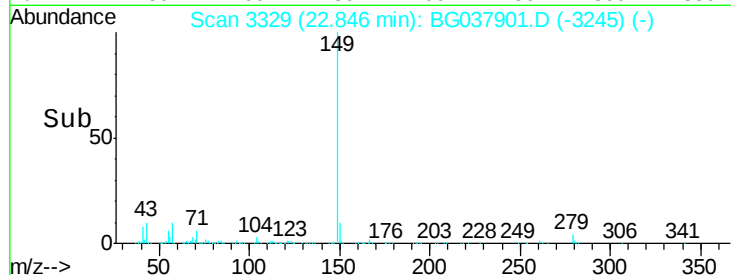
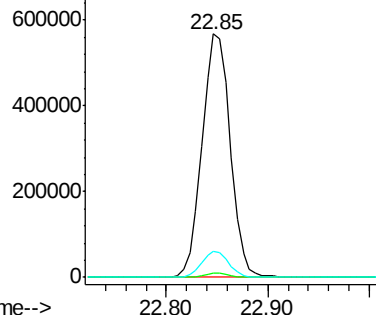


#85  
Di-n-octyl phthalate  
Concen: 43.991 ng  
RT: 22.85 min Scan# 3329  
Delta R.T. -0.04 min  
Lab File: BG037901.D  
Acq: 9 Nov 2018 2:23

Tgt Ion:149 Resp: 1093569  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 10.4 8.7 13.1

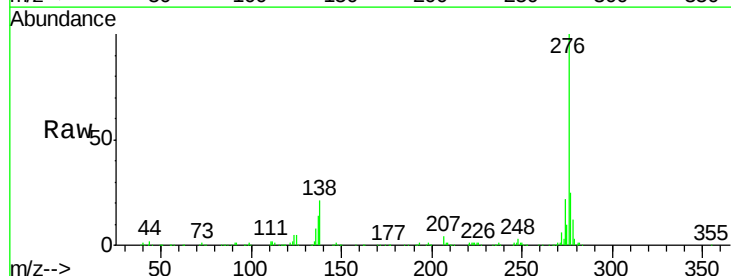


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): B

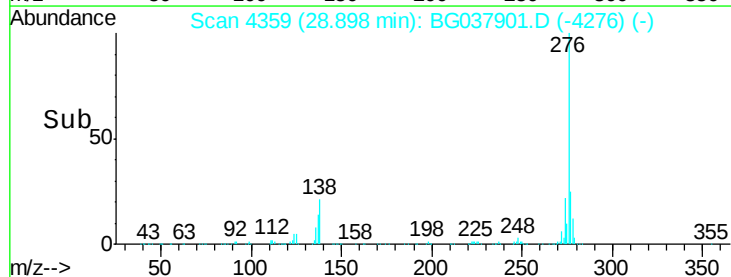
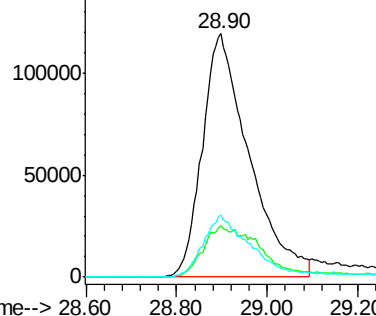


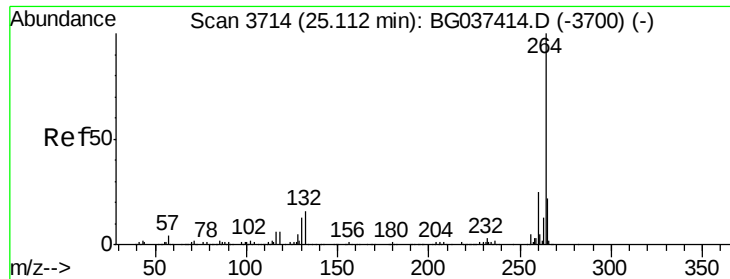
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 34.393 ng  
RT: 28.90 min Scan# 4359  
Delta R.T. -0.05 min  
Lab File: BG037901.D  
Acq: 9 Nov 2018 2:23

Tgt Ion:276 Resp: 852882  
Ion Ratio Lower Upper  
276 100  
138 25.2 12.0 18.0#  
277 25.2 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





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3710

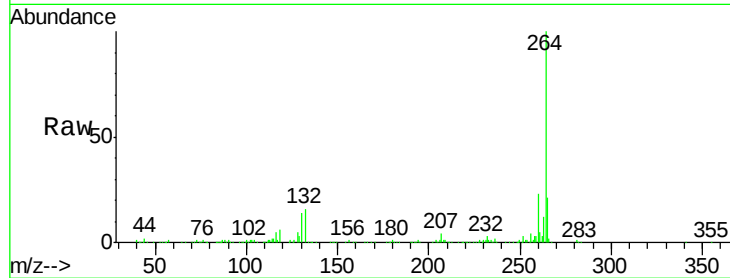
Delta R.T. -0.03 min

Lab File: BG037901.D

Acq: 9 Nov 2018 2:23

Tgt Ion: 264 Resp: 419183

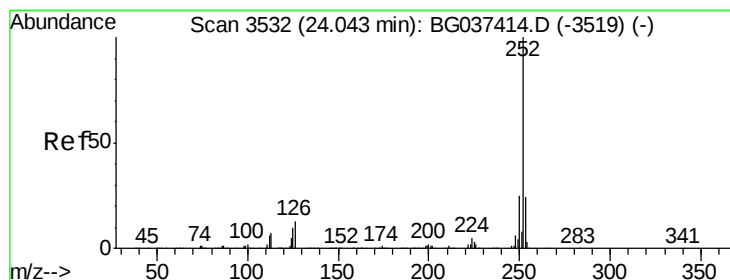
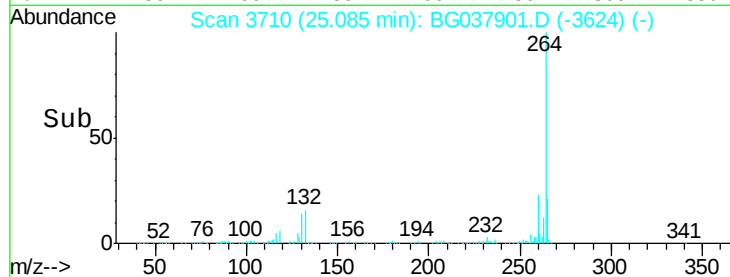
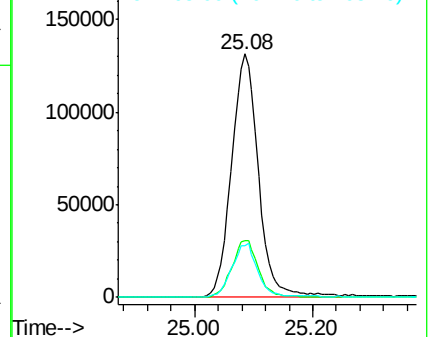
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.4  | 18.2  | 27.4  |
| 265 | 21.4  | 17.9  | 26.9  |



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.240 ng

RT: 24.02 min Scan# 3528

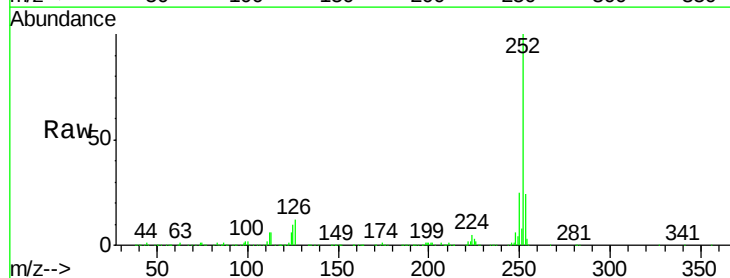
Delta R.T. -0.03 min

Lab File: BG037901.D

Acq: 9 Nov 2018 2:23

Tgt Ion: 252 Resp: 924757

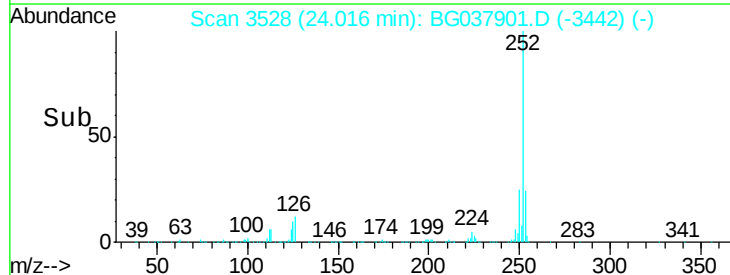
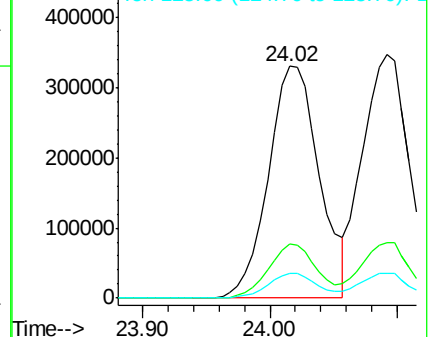
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.6  | 18.2  | 27.2  |
| 125 | 10.5  | 7.8   | 11.6  |

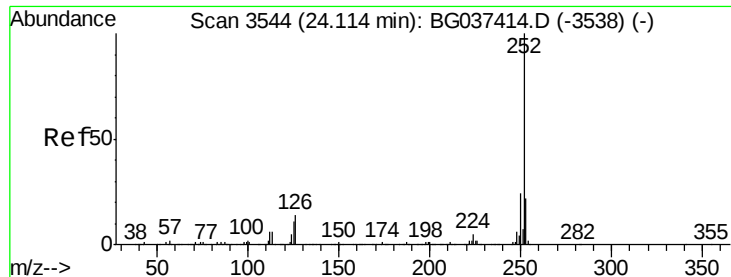


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.208 ng

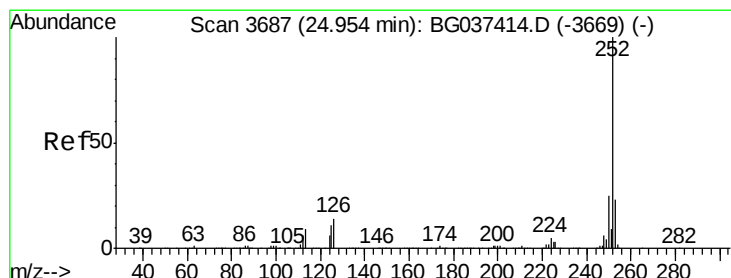
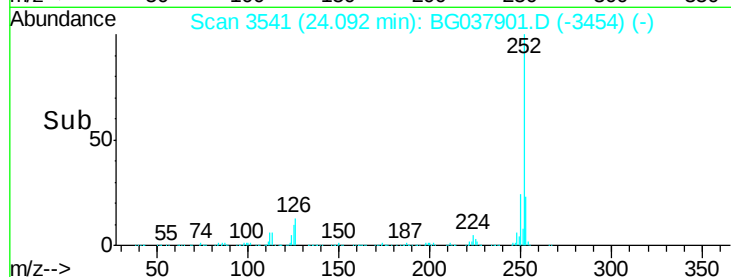
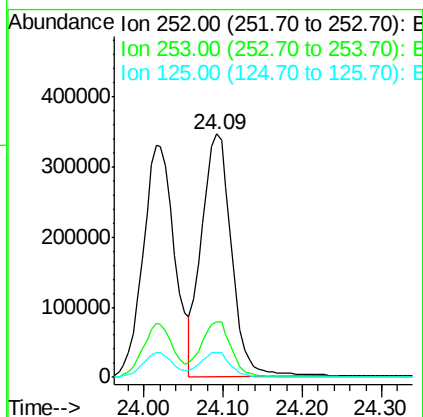
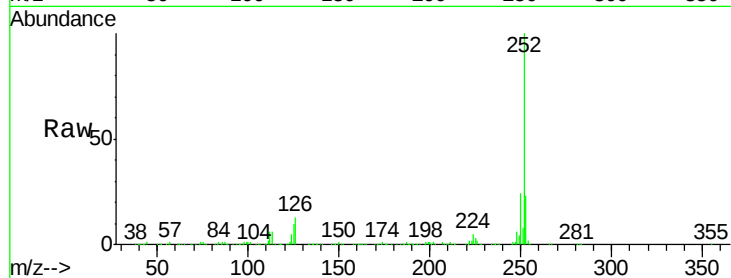
RT: 24.09 min Scan# 3541

Delta R.T. -0.02 min

Lab File: BG037901.D

Acq: 9 Nov 2018 2:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 905301 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 253      | 22.9  | 17.4  | 26.2   |
| 125      | 10.3  | 7.4   | 11.0   |



#90

Benzo(a)pyrene

Concen: 40.374 ng

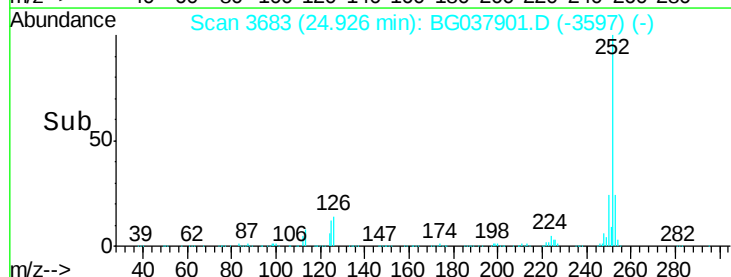
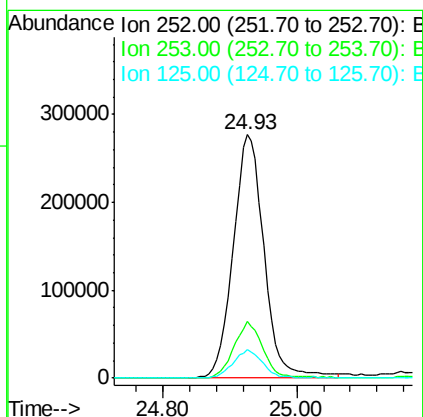
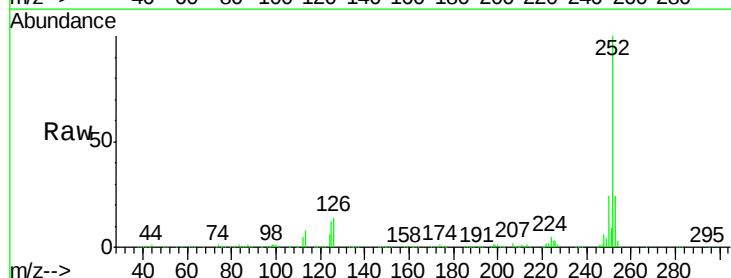
RT: 24.93 min Scan# 3683

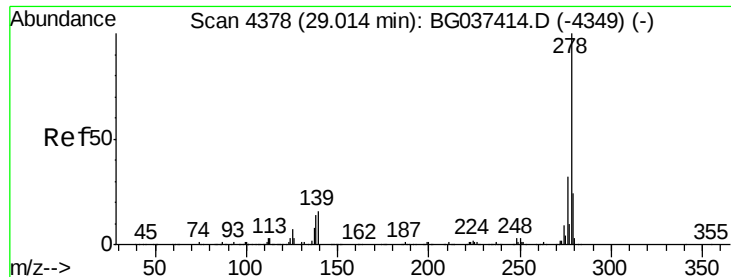
Delta R.T. -0.03 min

Lab File: BG037901.D

Acq: 9 Nov 2018 2:23

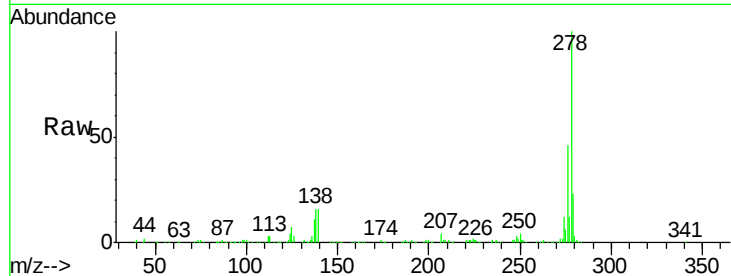
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 881657 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 253      | 23.5  | 17.4  | 26.2   |
| 125      | 11.7  | 9.0   | 13.6   |



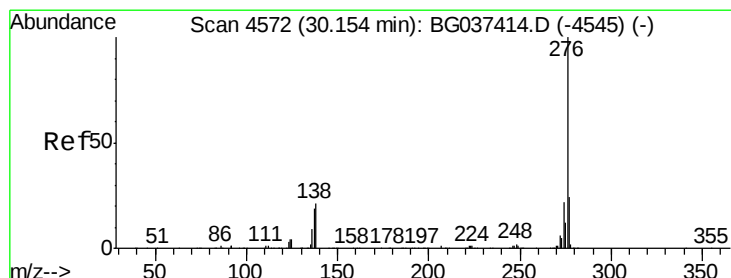
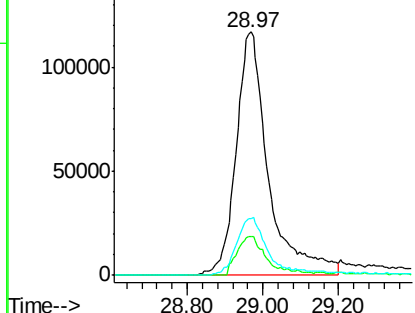
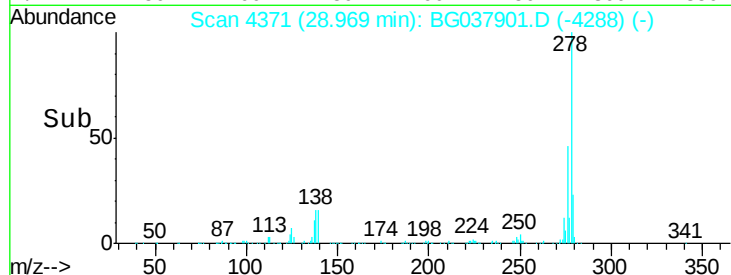


#91  
Dibenzo(a,h)anthracene  
Concen: 34.479 ng  
RT: 28.97 min Scan# 4371  
Delta R.T. -0.05 min  
Lab File: BG037901.D  
Acq: 9 Nov 2018 2:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.0  | 11.5  | 17.3  |
| 279     | 23.1  | 18.6  | 27.8  |

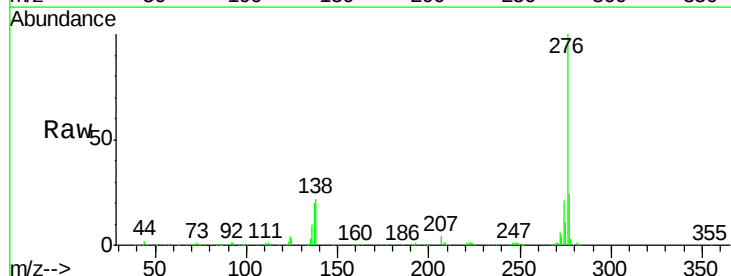


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 34.039 ng  
RT: 30.10 min Scan# 4563  
Delta R.T. -0.06 min  
Lab File: BG037901.D  
Acq: 9 Nov 2018 2:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.9  | 18.9  | 28.3  |
| 138     | 22.3  | 17.2  | 25.8  |



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

