

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110818\  
 Data File : BG037884.D  
 Acq On : 8 Nov 2018 14:05  
 Operator : JU/SJ  
 Sample : PB114615BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 09 14:42:56 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  | 55053    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.91 | 136  | 253014   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 14.73 | 164  | 169101   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 17.48 | 188  | 386375   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.76 | 240  | 340980   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 25.09 | 264  | 330649   | 20.00 | ng    | -0.03    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.64  | 112 | 539940  | 163.97 | ng | 0.00  |
| 7) Phenol-d6             | 7.24  | 99  | 761615  | 152.96 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 9.27  | 82  | 360615  | 79.84  | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 16.22 | 330 | 291091  | 157.83 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 13.35 | 172 | 873145  | 77.86  | ng | -0.02 |
| 79) Terphenyl-d14        | 20.07 | 244 | 1236321 | 77.47  | ng | -0.01 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.52  | 88  | 47635  | 28.525 | ng | 98     |
| 3) Pyridine                    | 3.92  | 79  | 136935 | 32.534 | ng | 95     |
| 4) n-Nitrosodimethylamine      | 3.85  | 42  | 63146  | 42.121 | ng | 87     |
| 6) Aniline                     | 7.42  | 93  | 206453 | 33.987 | ng | 98     |
| 8) 2-Chlorophenol              | 7.65  | 128 | 171227 | 44.449 | ng | 99     |
| 9) Benzaldehyde                | 7.23  | 77  | 114678 | 36.817 | ng | 97     |
| 10) Phenol                     | 7.27  | 94  | 226163 | 43.048 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.51  | 93  | 157984 | 39.593 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.98  | 146 | 170281 | 39.706 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 8.13  | 146 | 175623 | 40.034 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.45  | 146 | 167282 | 39.642 | ng | 99     |
| 15) Benzyl Alcohol             | 8.34  | 79  | 149939 | 40.753 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.61  | 45  | 287150 | 40.219 | ng | 96     |
| 17) 2-Methylphenol             | 8.53  | 107 | 154303 | 44.425 | ng | 98     |
| 18) Hexachloroethane           | 9.18  | 117 | 63692  | 42.588 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.90  | 70  | 128811 | 37.567 | ng | 93     |
| 20) 3+4-Methylphenols          | 8.86  | 107 | 213325 | 42.958 | ng | 98     |
| 22) Acetophenone               | 8.92  | 105 | 248841 | 39.216 | ng | # 97   |
| 24) Nitrobenzene               | 9.31  | 77  | 194504 | 41.454 | ng | 97     |
| 25) Isophorone                 | 9.83  | 82  | 368420 | 44.643 | ng | 97     |
| 26) 2-Nitrophenol              | 10.02 | 139 | 98914  | 46.796 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 10.07 | 122 | 181484 | 48.088 | ng | 95     |
| 28) bis(2-Chloroethoxy)methane | 10.31 | 93  | 225700 | 41.743 | ng | 96     |
| 29) 2,4-Dichlorophenol         | 10.55 | 162 | 188529 | 44.866 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.77 | 180 | 186599 | 40.835 | ng | 96     |
| 31) Naphthalene                | 10.97 | 128 | 544635 | 43.825 | ng | 100    |
| 32) Benzoic acid               | 10.20 | 122 | 96957  | 39.554 | ng | 99     |
| 33) 4-Chloroaniline            | 11.07 | 127 | 152333 | 26.088 | ng | 97     |
| 34) Hexachlorobutadiene        | 11.23 | 225 | 111043 | 41.001 | ng | 96     |
| 35) Caprolactam                | 11.86 | 113 | 65624m | 38.940 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.18 | 107 | 201441 | 42.508 | ng | 100    |
| 37) 2-Methylnaphthalene        | 12.56 | 142 | 415841 | 45.903 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.78 | 142 | 393929 | 44.777 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.92 | 216 | 220878 | 40.495 | ng | 99     |

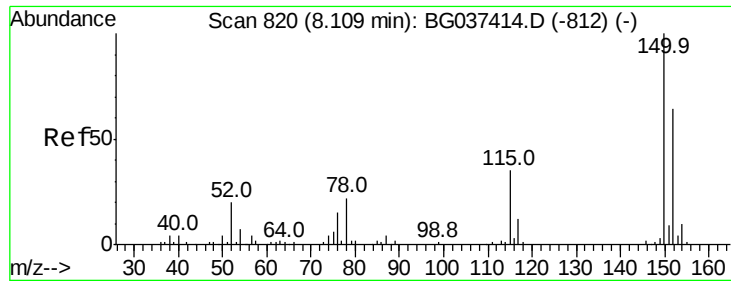
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110818\  
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 QLast Update : Thu Oct 18 14:06:42 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| -----                          |       |      |          |         |       |          |
| 41) Hexachlorocyclopentadiene  | 12.89 | 237  | 269365   | 103.386 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.16 | 196  | 158380   | 43.463  | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.23 | 196  | 170448   | 42.961  | nq    | 98       |
| 46) 1,1'-Biphenyl              | 13.56 | 154  | 542993   | 38.773  | nq    | 99       |
| 47) 2-Chloronaphthalene        | 13.61 | 162  | 427489   | 40.348  | nq    | 99       |
| 48) 2-Nitroaniline             | 13.82 | 65   | 141239   | 43.959  | nq    | 99       |
| 49) Acenaphthylene             | 14.45 | 152  | 702078   | 44.051  | nq    | 99       |
| 50) Dimethylphthalate          | 14.18 | 163  | 537065   | 41.054  | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.31 | 165  | 124113   | 42.886  | nq    | 90       |
| 52) Acenaphthene               | 14.79 | 154  | 408008   | 41.567  | nq    | 98       |
| 53) 3-Nitroaniline             | 14.64 | 138  | 111050   | 34.566  | nq    | # 93     |
| 54) 2,4-Dinitrophenol          | 14.85 | 184  | 95586    | 76.581  | nq    | 92       |
| 55) Dibenzofuran               | 15.13 | 168  | 659979   | 40.582  | nq    | 99       |
| 56) 4-Nitrophenol              | 14.94 | 139  | 259764   | 109.234 | nq    | 96       |
| 57) 2,4-Dinitrotoluene         | 15.09 | 165  | 175545   | 46.210  | nq    | 96       |
| 58) Fluorene                   | 15.77 | 166  | 533945   | 43.844  | nq    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.34 | 232  | 150133   | 44.196  | nq    | 99       |
| 60) Diethylphthalate           | 15.53 | 149  | 554981   | 41.322  | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.76 | 204  | 282566   | 39.807  | nq    | 97       |
| 62) 4-Nitroaniline             | 15.80 | 138  | 132783   | 41.594  | nq    | 91       |
| 63) Azobenzene                 | 16.06 | 77   | 519594   | 40.548  | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.85 | 198  | 90132    | 45.083  | nq    | 98       |
| 66) n-Nitrosodiphenylamine     | 15.98 | 169  | 480143   | 41.312  | nq    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.65 | 248  | 173864   | 40.976  | nq    | 97       |
| 68) Hexachlorobenzene          | 16.77 | 284  | 176904   | 40.228  | nq    | 98       |
| 69) Atrazine                   | 16.92 | 200  | 175097   | 41.670  | nq    | 99       |
| 70) Pentachlorophenol          | 17.11 | 266  | 200355   | 68.018  | nq    | 98       |
| 71) Phenanthrene               | 17.52 | 178  | 850511   | 43.312  | nq    | 99       |
| 72) Anthracene                 | 17.61 | 178  | 869150   | 45.102  | nq    | 98       |
| 73) Carbazole                  | 17.88 | 167  | 781495   | 40.541  | nq    | 100      |
| 74) Di-n-butylphthalate        | 18.42 | 149  | 923138   | 43.050  | nq    | 99       |
| 75) Fluoranthene               | 19.52 | 202  | 979384   | 43.974  | nq    | 99       |
| 77) Benzidine                  | 19.70 | 184  | 423825   | 36.555  | nq    | 100      |
| 78) Pyrene                     | 19.89 | 202  | 960528   | 43.092  | nq    | 99       |
| 80) Butylbenzylphthalate       | 20.76 | 149  | 422312   | 46.293  | nq    | 95       |
| 81) Benzo(a)anthracene         | 21.74 | 228  | 909950   | 45.117  | nq    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.65 | 252  | 261769   | 33.485  | nq    | 99       |
| 83) Chrysene                   | 21.81 | 228  | 856446   | 44.161  | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.61 | 149  | 592005   | 46.297  | nq    | 99       |
| 85) Di-n-octyl phthalate       | 22.85 | 149  | 993331   | 47.638  | nq    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.90 | 276  | 834274   | 40.108  | nq    | # 91     |
| 88) Benzo(b)fluoranthene       | 24.02 | 252  | 891445   | 49.177  | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 24.09 | 252  | 850557   | 47.892  | nq    | 98       |
| 90) Benzo(a)pyrene             | 24.93 | 252  | 841002   | 48.824  | nq    | 98       |
| 91) Dibenzo(a,h)anthracene     | 28.97 | 278  | 671338   | 42.252  | nq    | 96       |
| 92) Benzo(g,h,i)perylene       | 30.11 | 276  | 714329   | 44.437  | nq    | 98       |
| -----                          |       |      |          |         |       |          |

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

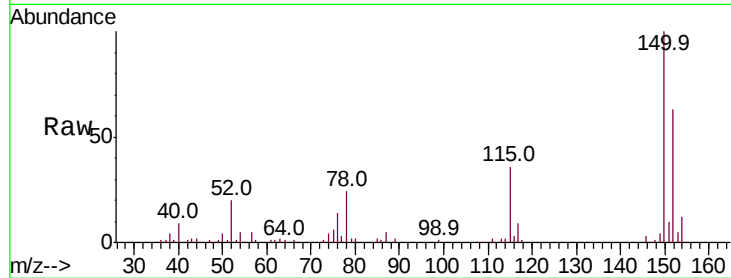




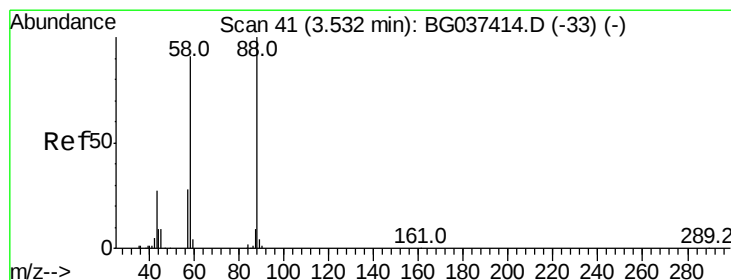
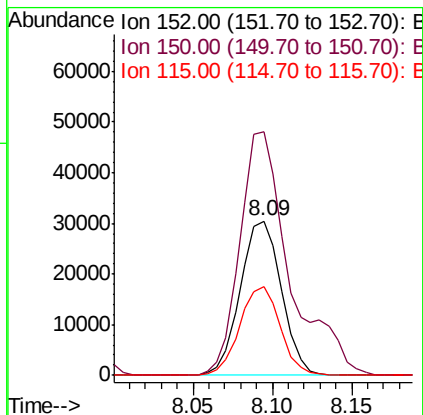
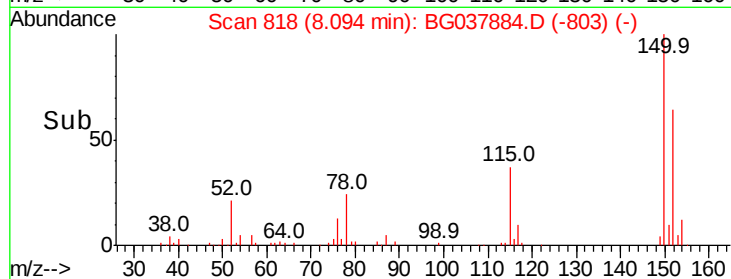
#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.09 min Scan# 818  
Delta R.T. -0.01 min  
Lab File: BG037884.D  
Acq: 8 Nov 2018 14:05

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.5 | 126.0 | 189.0 |
| 115     | 57.3  | 45.5  | 68.3  |



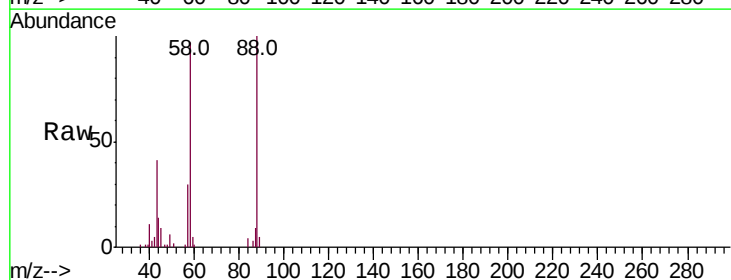
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



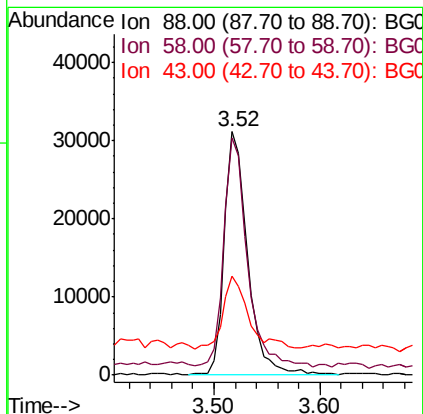
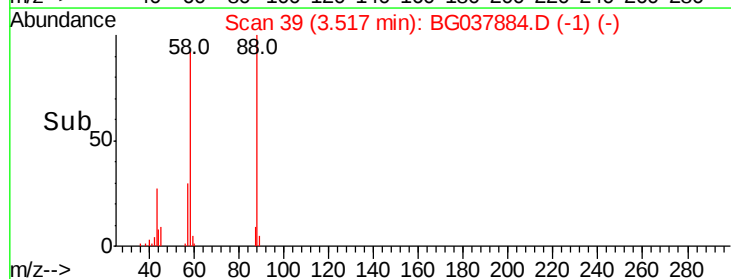
#2

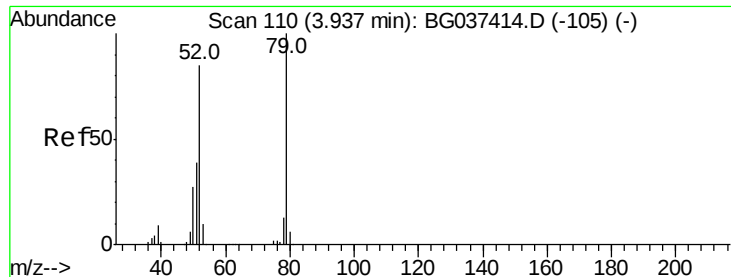
1,4-Dioxane  
Concen: 28.525 ng  
RT: 3.52 min Scan# 39  
Delta R.T. -0.01 min  
Lab File: BG037884.D  
Acq: 8 Nov 2018 14:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 95.1  | 74.4  | 111.6 |
| 43      | 32.3  | 25.8  | 38.8  |



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





#3

Pvridine

Concen: 32.534 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG037884.D

Acq: 8 Nov 2018 14:05

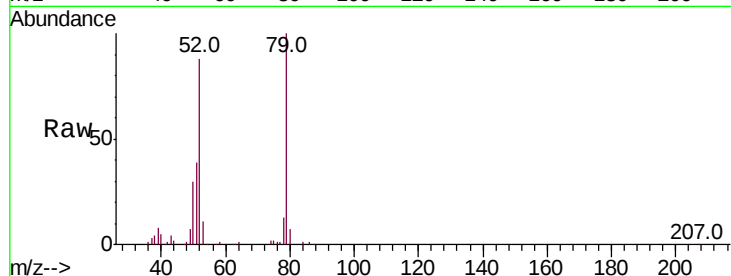
Tot Ion: 79 Resp: 136935

Ion Ratio Lower Upper

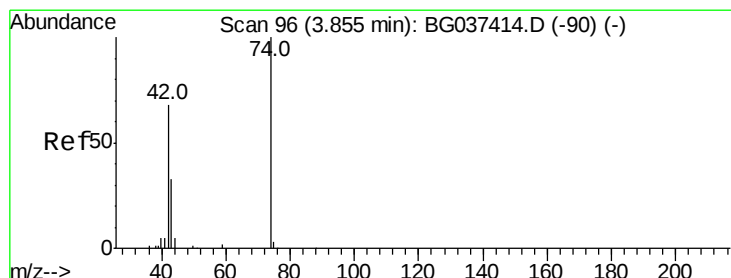
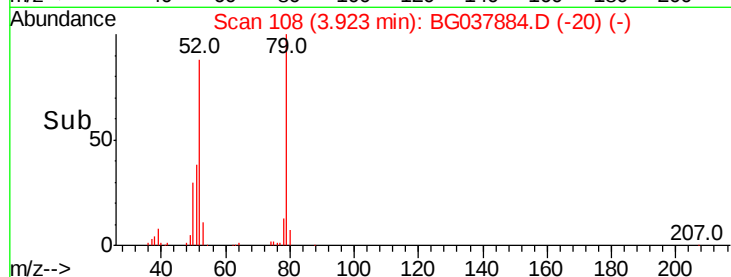
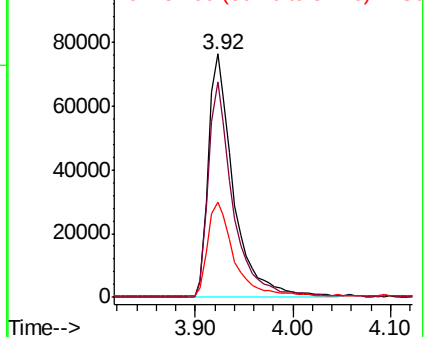
79 100

52 88.3 74.2 111.2

51 39.2 34.6 51.8



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



#4

n-Nitrosodimethylamine

Concen: 42.121 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.01 min

Lab File: BG037884.D

Acq: 8 Nov 2018 14:05

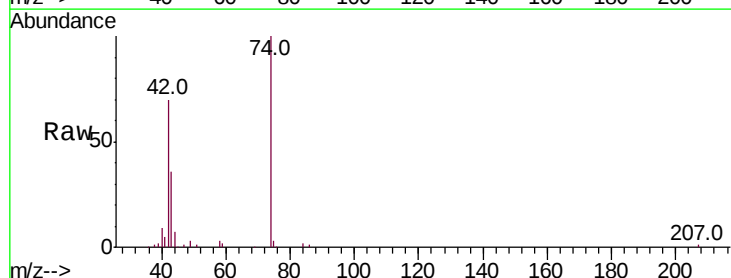
Tgt Ion: 42 Resp: 63146

Ion Ratio Lower Upper

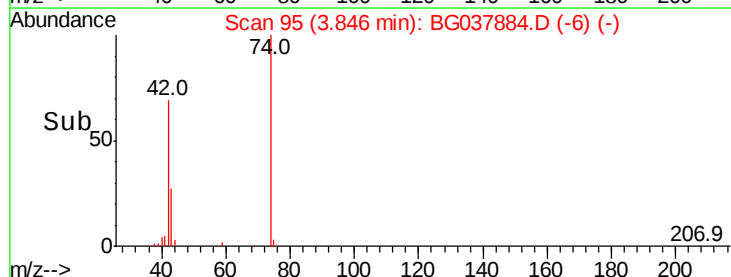
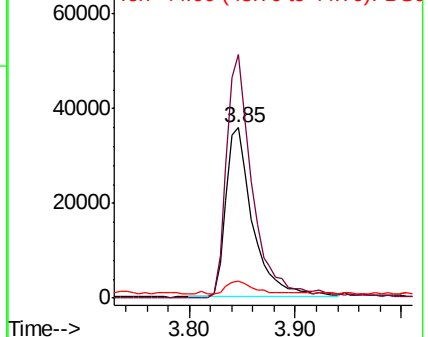
42 100

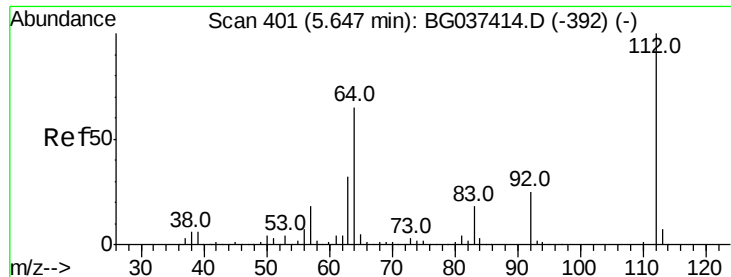
74 143.0 102.0 153.0

44 9.7 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: 163.969 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037884.D

Acq: 8 Nov 2018 14:05

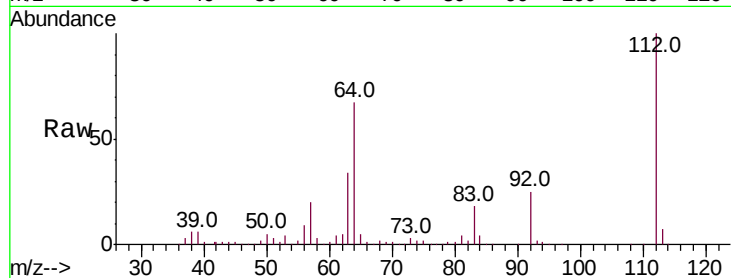
Tot Ion:112 Resp: 539940

Ion Ratio Lower Upper

112 100

64 67.2 53.1 79.7

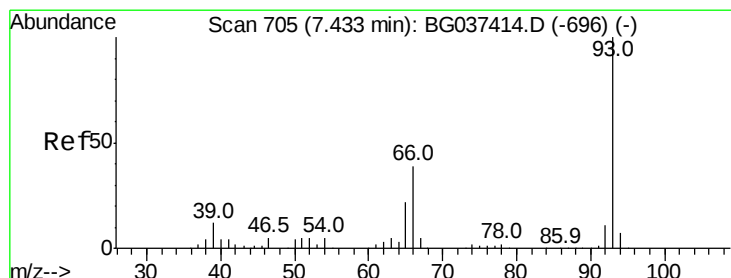
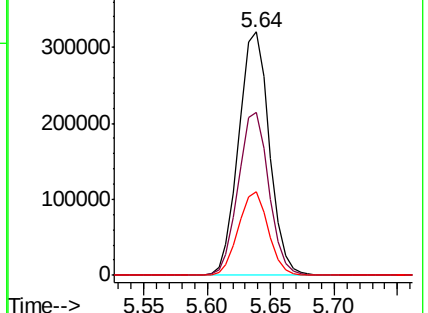
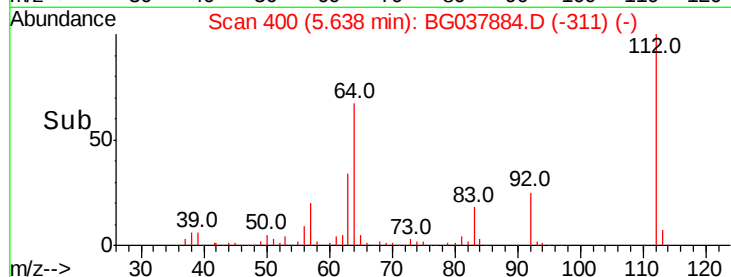
63 34.4 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.987 ng

RT: 7.42 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG037884.D

Acq: 8 Nov 2018 14:05

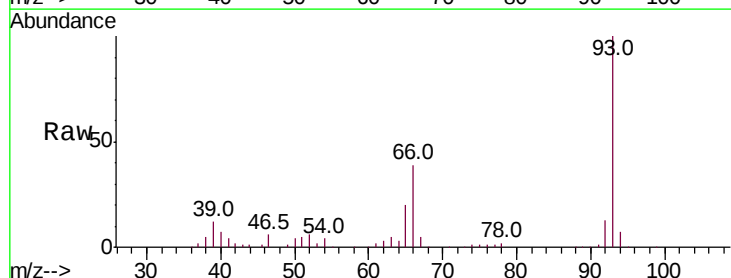
Tgt Ion: 93 Resp: 206453

Ion Ratio Lower Upper

93 100

66 39.2 32.8 49.2

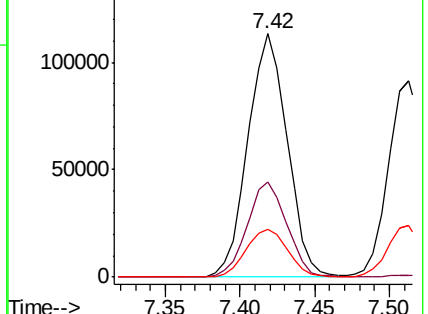
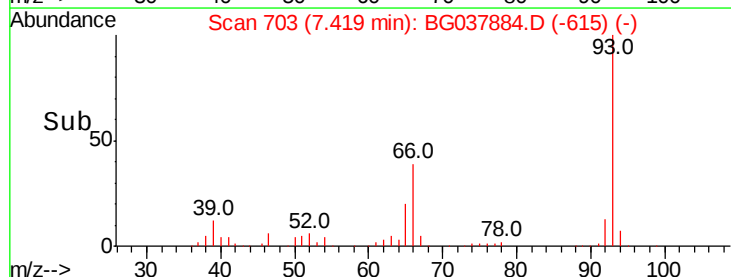
65 19.9 16.4 24.6

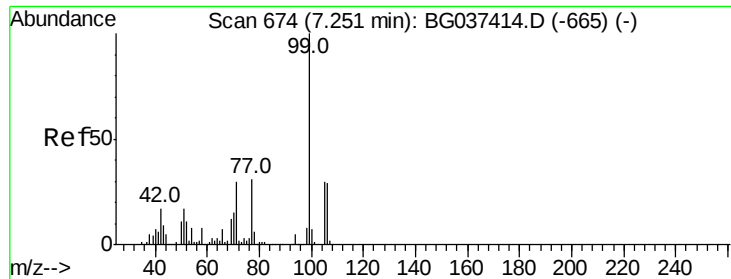


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 152.955 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037884.D

Acq: 8 Nov 2018 14:05

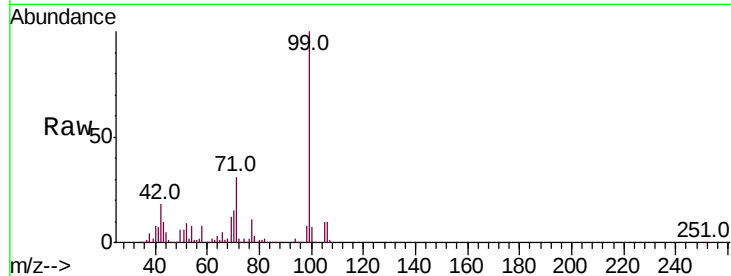
Tot Ion: 99 Resp: 761615

Ion Ratio Lower Upper

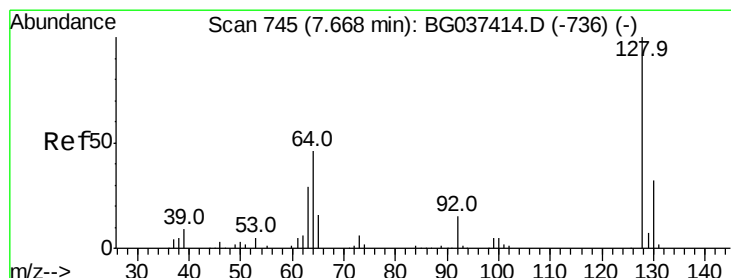
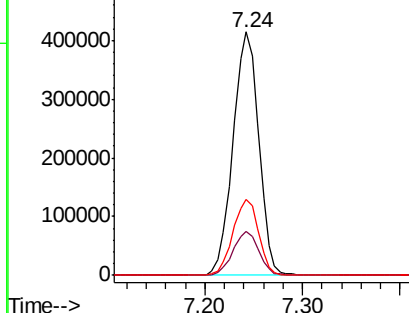
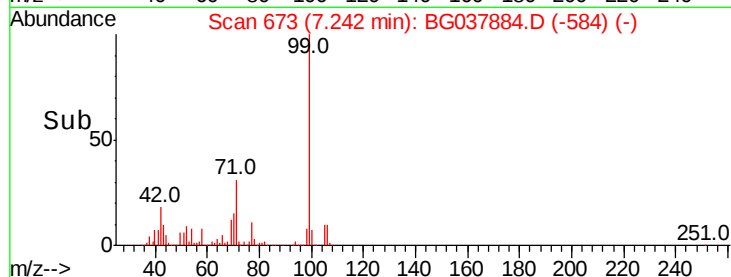
99 100

42 18.1 15.0 22.4

71 31.3 25.5 38.3



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



#8

2-Chlorophenol

Concen: 44.449 ng

RT: 7.65 min Scan# 743

Delta R.T. -0.01 min

Lab File: BG037884.D

Acq: 8 Nov 2018 14:05

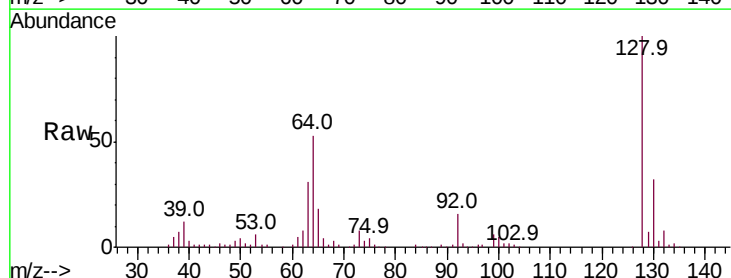
Tgt Ion: 128 Resp: 171227

Ion Ratio Lower Upper

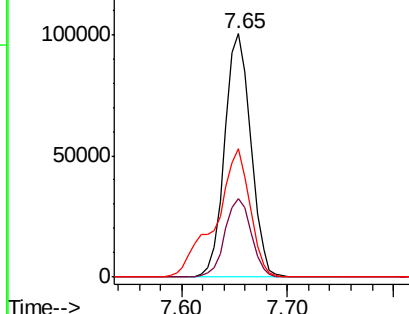
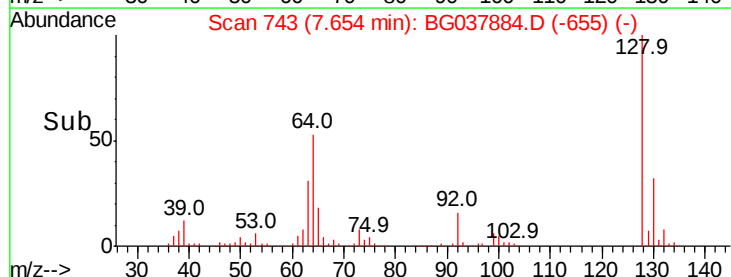
128 100

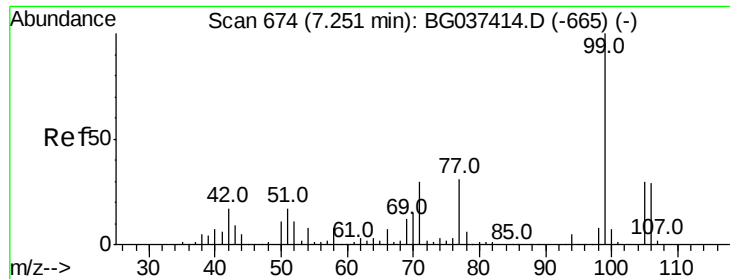
130 32.3 12.0 52.0

64 52.5 32.9 72.9



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





#9

Benzaldehyde

Concen: 36.817 ng

RT: 7.23 min Scan# 671

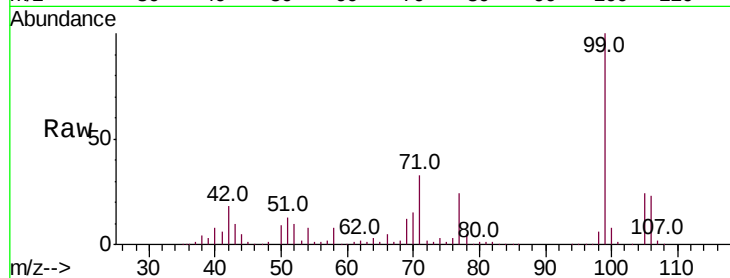
Delta R.T. -0.02 min

Lab File: BG037884.D

Acq: 8 Nov 2018 14:05

Tot Ion: 77 Resp: 114678

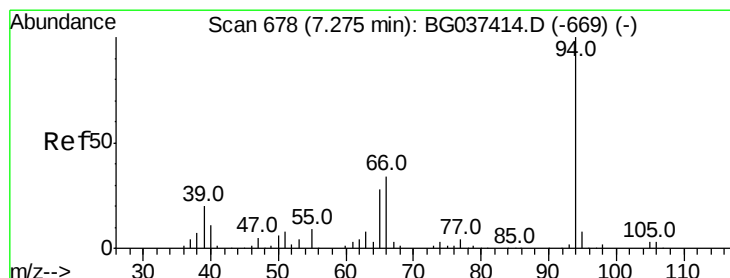
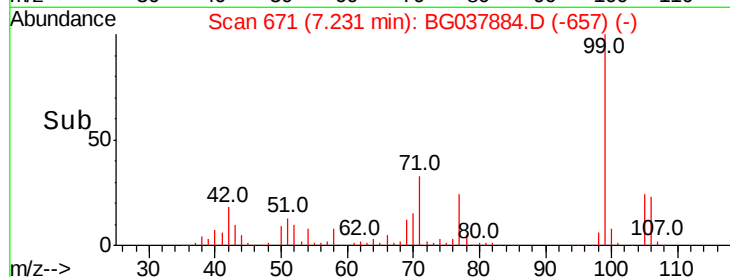
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 105 | 97.2  | 72.6  | 112.6 |
| 106 | 92.9  | 71.3  | 111.3 |



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: 43.048 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037884.D

Acq: 8 Nov 2018 14:05

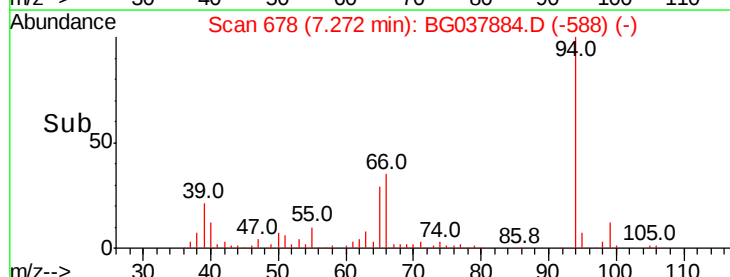
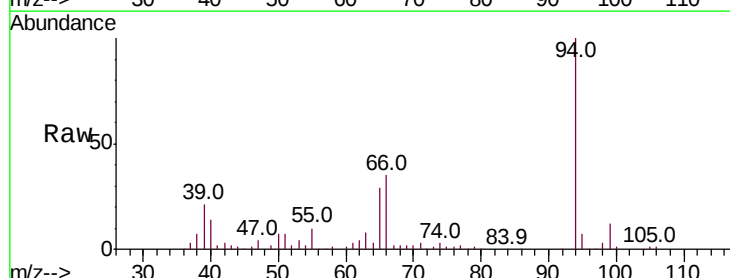
Tgt Ion: 94 Resp: 226163

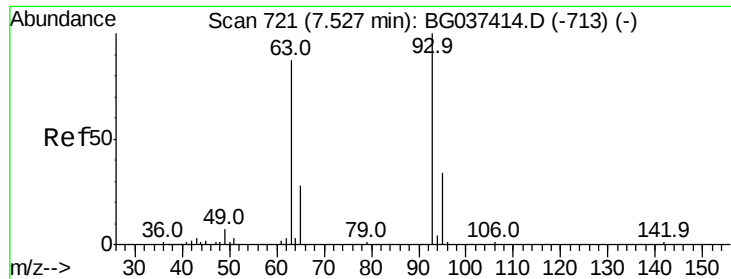
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 29.0  | 9.7   | 49.7  |
| 66  | 34.7  | 15.9  | 55.9  |

Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

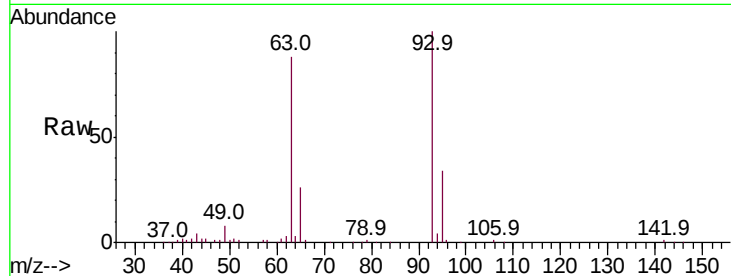
Ion 66.00 (65.70 to 66.70): BGC



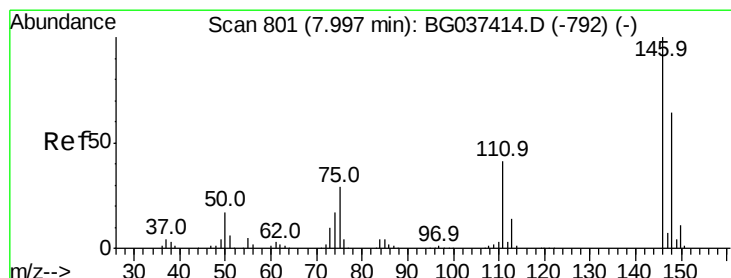
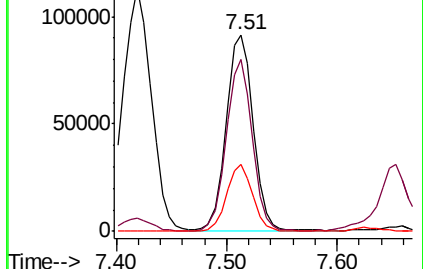
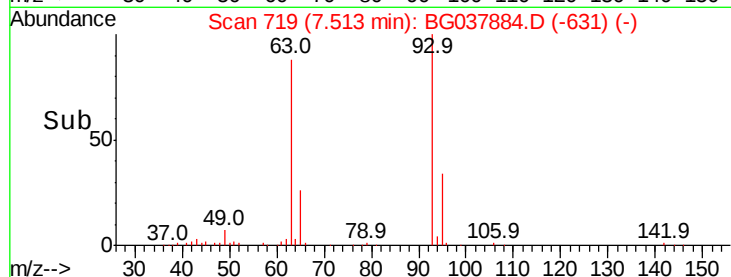


#11  
bis(2-Chloroethyl)ether  
Concen: 39.593 ng  
RT: 7.51 min Scan# 719  
Delta R.T. -0.01 min  
Lab File: BG037884.D  
Acq: 8 Nov 2018 14:05

Tot Ion: 93 Resp: 157984  
Ion Ratio Lower Upper  
93 100  
63 87.6 69.5 109.5  
95 34.4 12.6 52.6

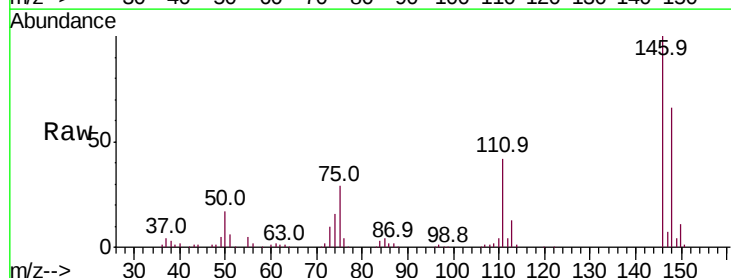


Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC

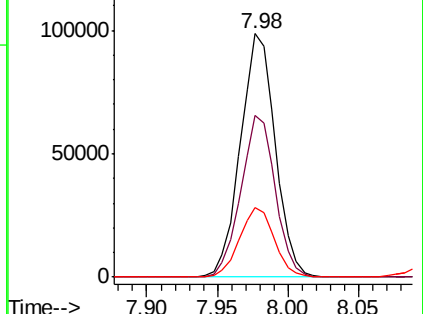
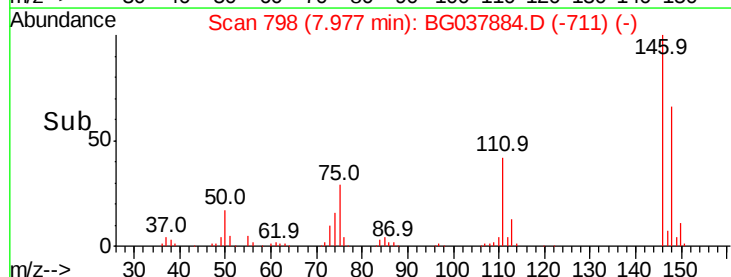


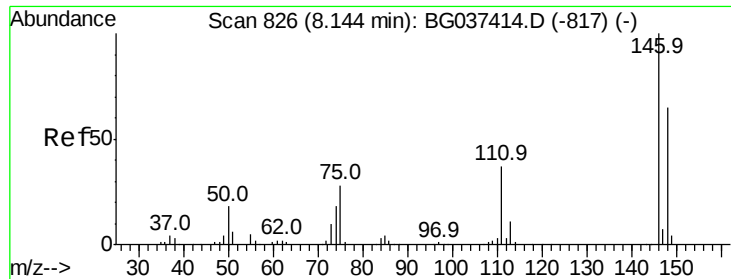
#12  
1,3-Dichlorobenzene  
Concen: 39.706 ng  
RT: 7.98 min Scan# 798  
Delta R.T. -0.02 min  
Lab File: BG037884.D  
Acq: 8 Nov 2018 14:05

Tgt Ion: 146 Resp: 170281  
Ion Ratio Lower Upper  
146 100  
148 66.4 49.8 74.8  
75 28.7 23.2 34.8



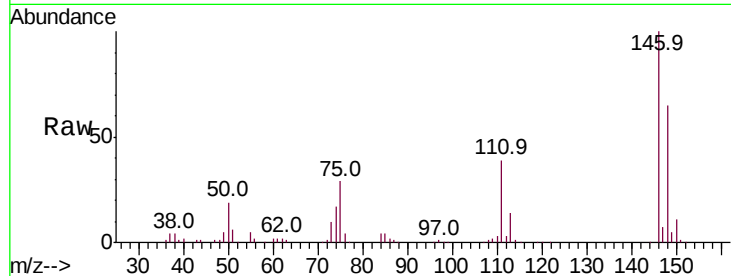
Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 75.00 (74.70 to 75.70): BGC



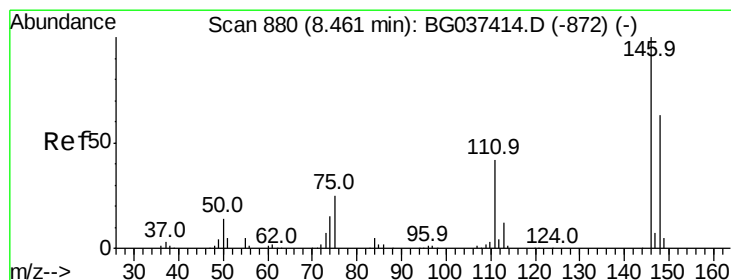
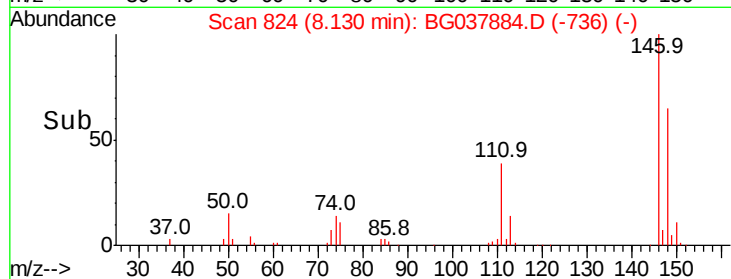
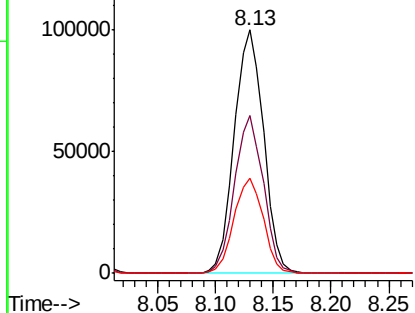


#13  
 1,4-Dichlorobenzene  
 Concen: 40.034 ng  
 RT: 8.13 min Scan# 824  
 Delta R.T. -0.01 min  
 Lab File: BG037884.D  
 Acq: 8 Nov 2018 14:05

Tot Ion:146 Resp: 175623  
 Ion Ratio Lower Upper  
 146 100  
 148 64.9 51.0 76.6  
 111 39.0 32.4 48.6

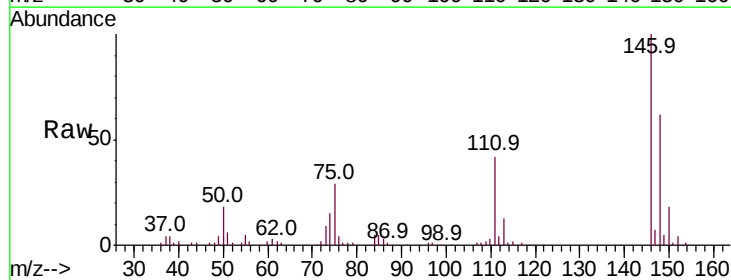


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

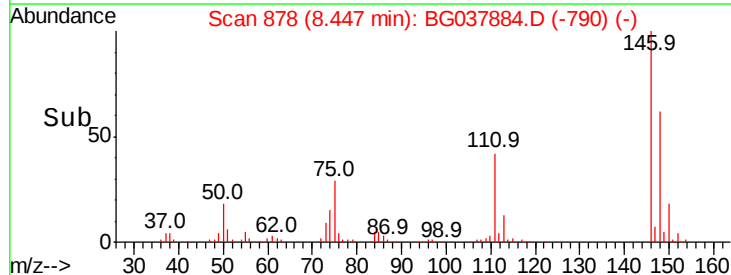
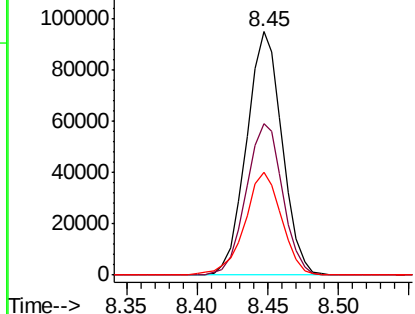


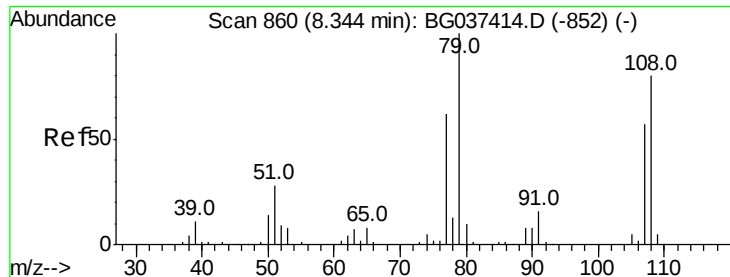
#14  
 1,2-Dichlorobenzene  
 Concen: 39.642 ng  
 RT: 8.45 min Scan# 878  
 Delta R.T. -0.01 min  
 Lab File: BG037884.D  
 Acq: 8 Nov 2018 14:05

Tgt Ion:146 Resp: 167282  
 Ion Ratio Lower Upper  
 146 100  
 148 62.4 50.4 75.6  
 111 42.4 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: 40.753 ng

RT: 8.34 min Scan# 859

Delta R.T. -0.01 min

Lab File: BG037884.D

Acq: 8 Nov 2018 14:05

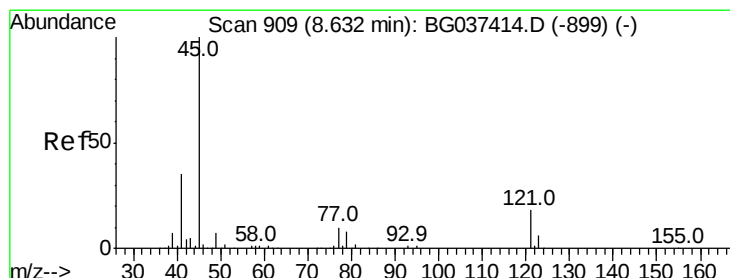
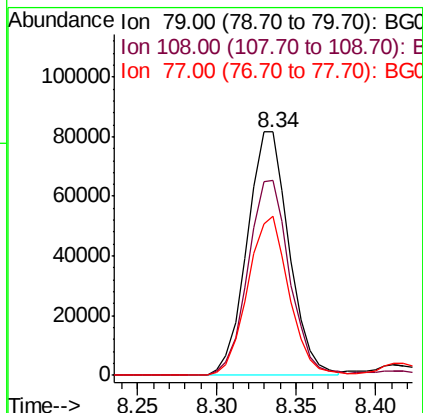
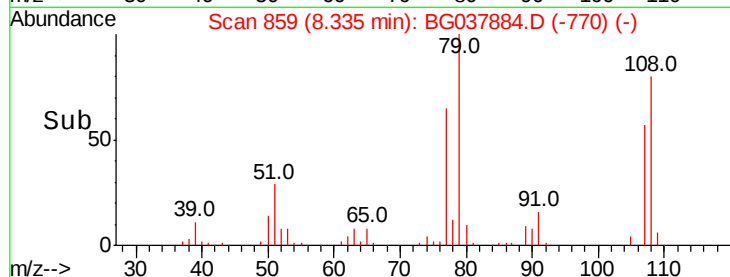
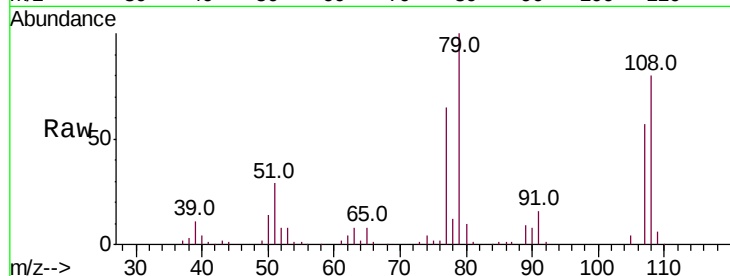
Tot Ion: 79 Resp: 149939

Ion Ratio Lower Upper

79 100

108 80.3 65.8 98.8

77 65.1 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.219 ng

RT: 8.61 min Scan# 906

Delta R.T. -0.02 min

Lab File: BG037884.D

Acq: 8 Nov 2018 14:05

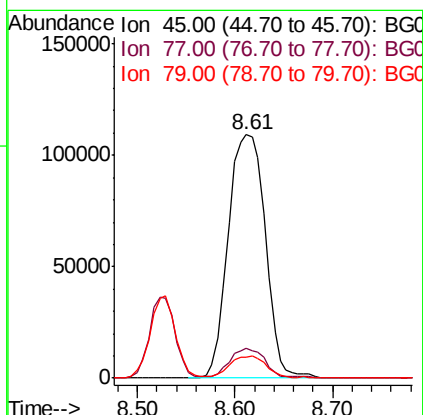
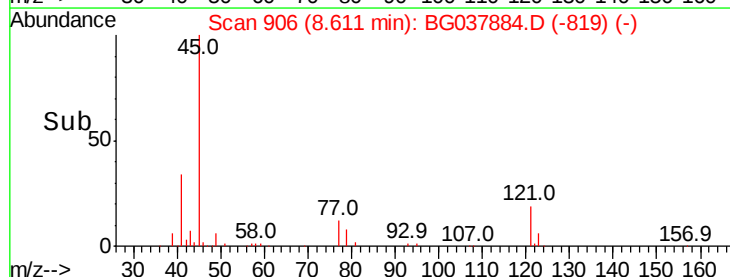
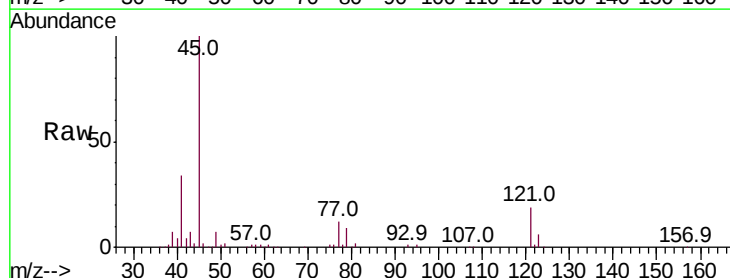
Tgt Ion: 45 Resp: 287150

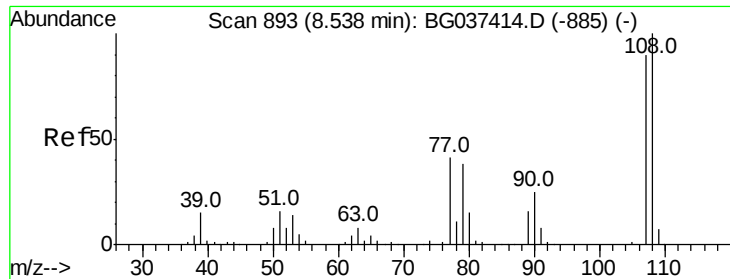
Ion Ratio Lower Upper

45 100

77 12.5 0.0 30.0

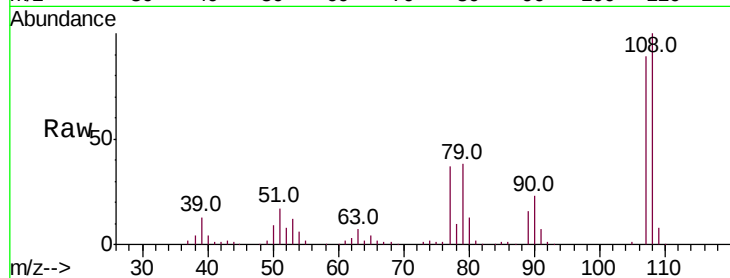
79 8.8 0.0 29.0



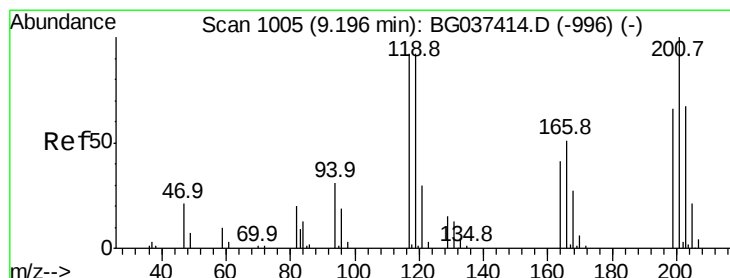
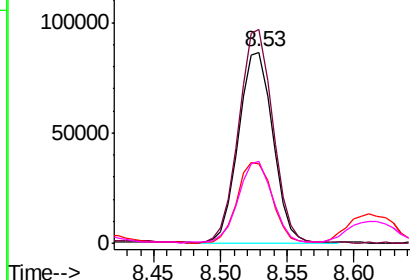
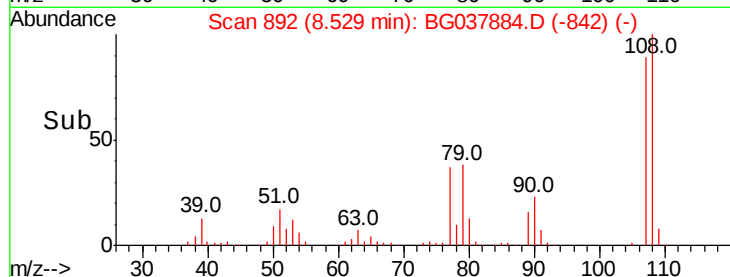


#17  
2-Methylphenol  
Concen: 44.425 ng  
RT: 8.53 min Scan# 892  
Delta R.T. -0.01 min  
Lab File: BG037884.D  
Acq: 8 Nov 2018 14:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 154303 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 111.8 | 87.9  | 131.9  |
| 77       | 41.5  | 35.1  | 52.7   |
| 79       | 42.6  | 34.5  | 51.7   |

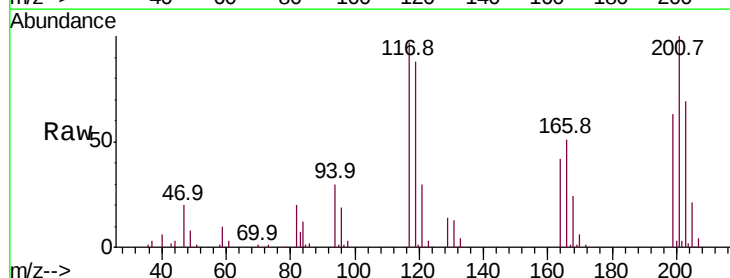


Abundance Ion 107.00 (106.70 to 107.70): E  
150000 Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

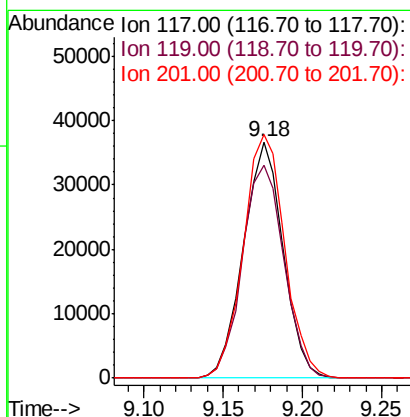
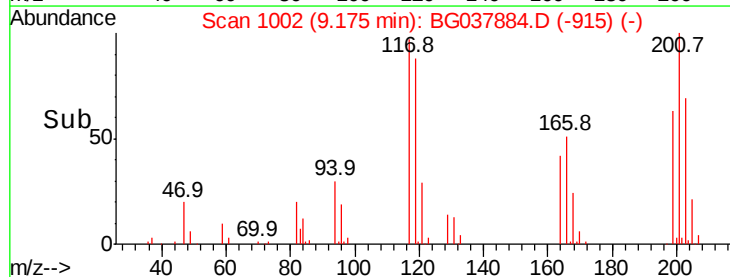


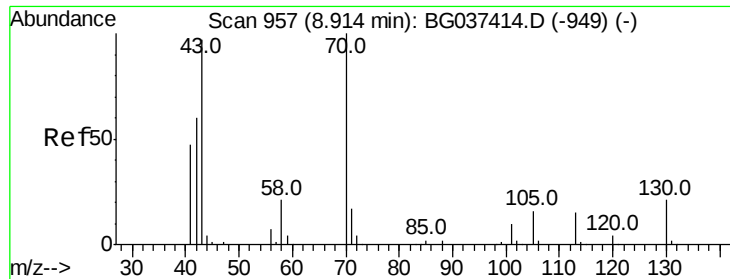
#18  
Hexachloroethane  
Concen: 42.588 ng  
RT: 9.18 min Scan# 1002  
Delta R.T. -0.02 min  
Lab File: BG037884.D  
Acq: 8 Nov 2018 14:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 63692 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 90.2  | 74.6  | 111.8 |
| 201      | 105.9 | 80.8  | 121.2 |



Abundance Ion 117.00 (116.70 to 117.70): E  
50000 Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.567 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG037884.D

Acq: 8 Nov 2018 14:05

Tot Ion: 70 Resp: 128811

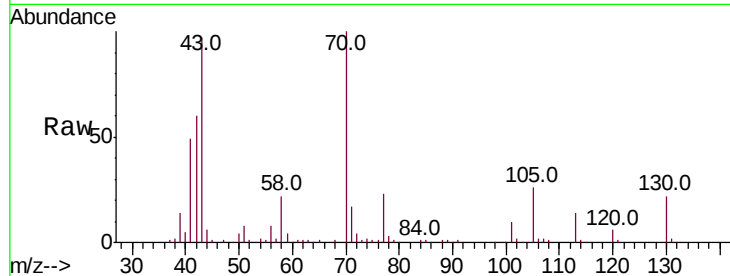
Ion Ratio Lower Upper

70 100

42 59.7 53.9 80.9

101 9.7 8.2 12.2

130 22.4 18.2 27.4

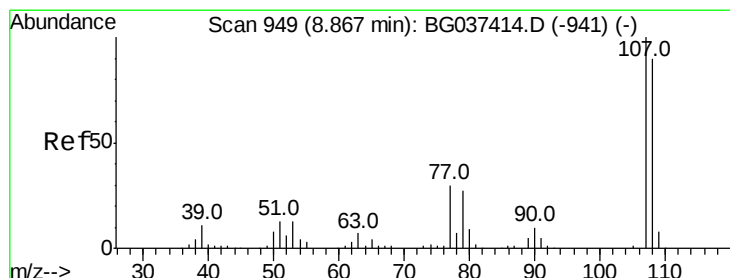
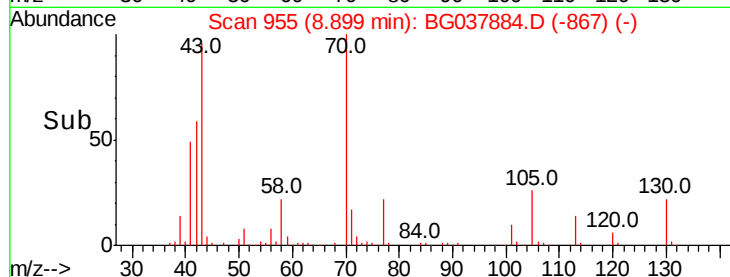
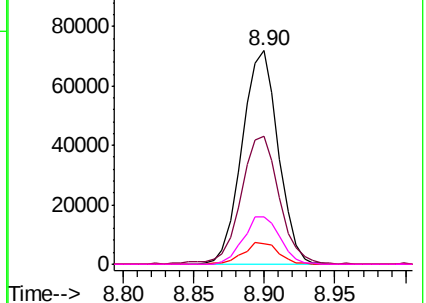


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 42.958 ng

RT: 8.86 min Scan# 948

Delta R.T. -0.01 min

Lab File: BG037884.D

Acq: 8 Nov 2018 14:05

Tgt Ion: 107 Resp: 213325

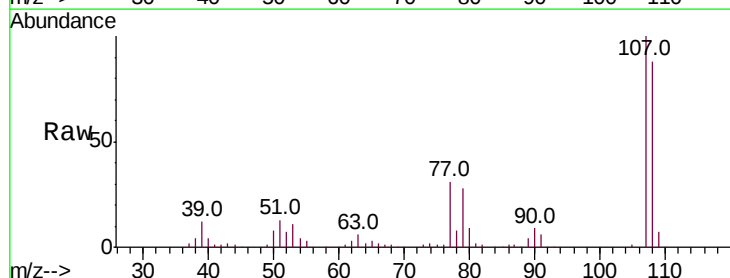
Ion Ratio Lower Upper

107 100

108 87.8 69.9 109.9

77 30.9 11.2 51.2

79 28.3 6.6 46.6

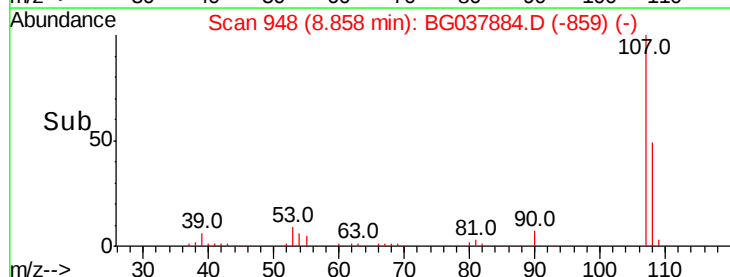
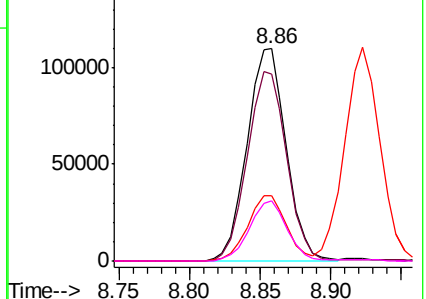


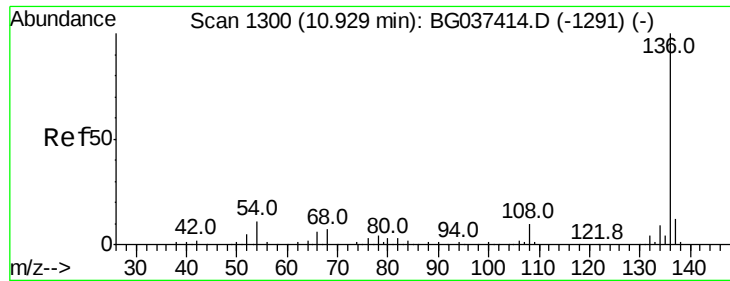
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

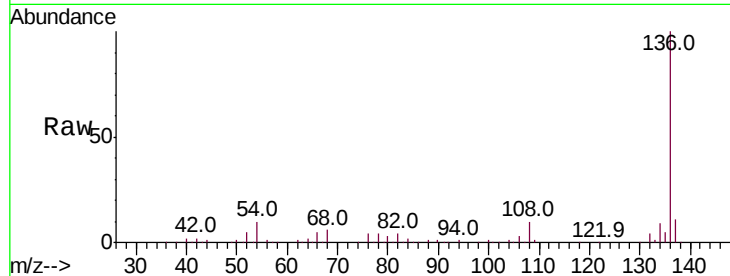
Ion 79.00 (78.70 to 79.70): BGC



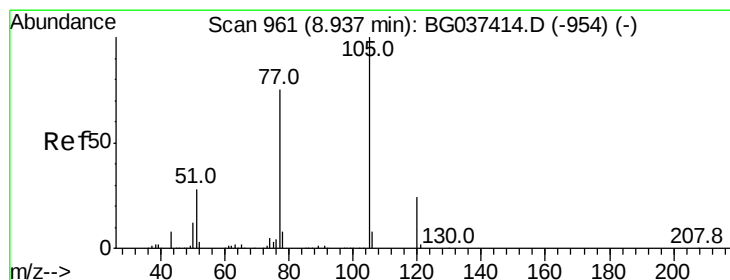
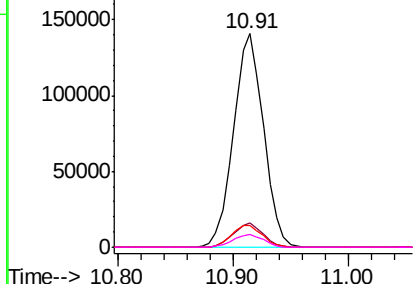
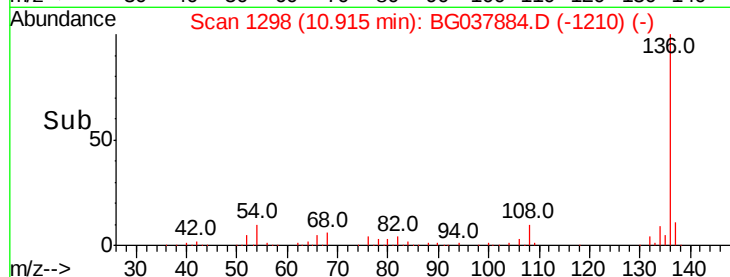


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.91 min Scan# 1298  
Delta R.T. -0.01 min  
Lab File: BG037884.D  
Acq: 8 Nov 2018 14:05

|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 253014 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 11.2    | 9.6   | 14.4   |
| 54 9.9      | 7.9   | 11.9   |
| 68 5.8      | 4.8   | 7.2    |

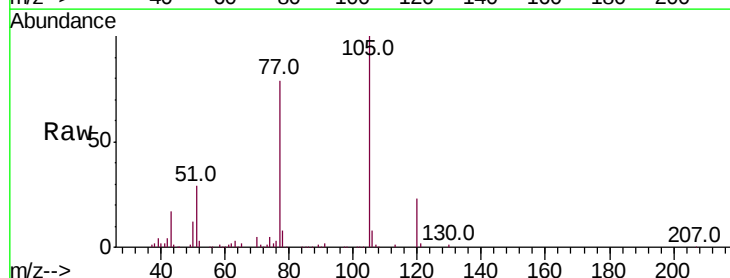


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

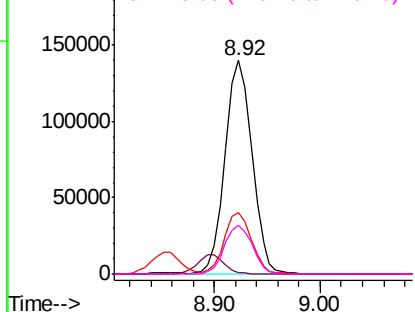
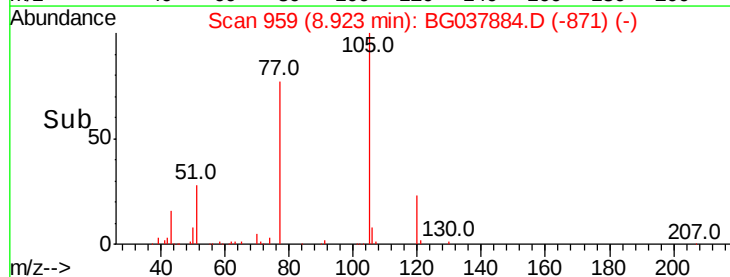


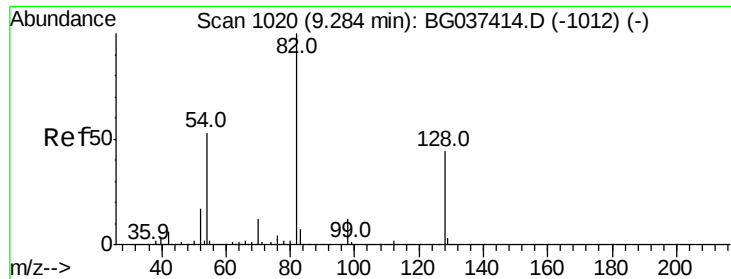
#22  
Acetophenone  
Concen: 39.216 ng  
RT: 8.92 min Scan# 959  
Delta R.T. -0.01 min  
Lab File: BG037884.D  
Acq: 8 Nov 2018 14:05

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 248841 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 0.8     | 1.2   | 1.8#   |
| 51  | 29.0    | 25.0  | 37.6   |
| 120 | 22.8    | 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: 79.843 ng

RT: 9.27 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BG037884.D

Acq: 8 Nov 2018 14:05

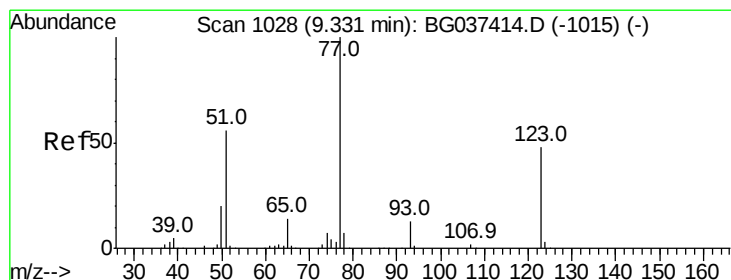
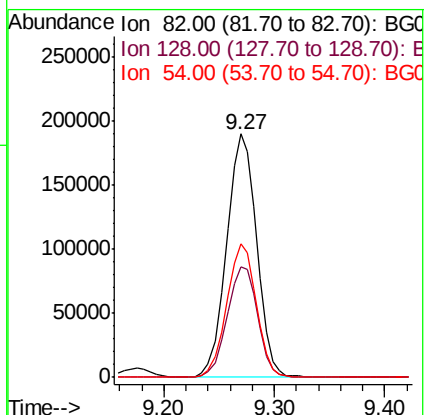
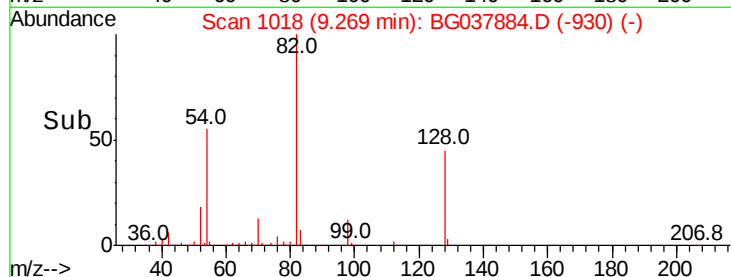
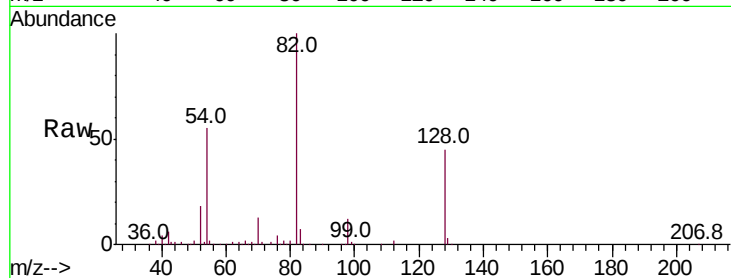
Tot Ion: 82 Resp: 360615

Ion Ratio Lower Upper

82 100

128 45.4 34.6 51.8

54 55.1 45.3 67.9



#24

Nitrobenzene

Concen: 41.454 ng

RT: 9.31 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BG037884.D

Acq: 8 Nov 2018 14:05

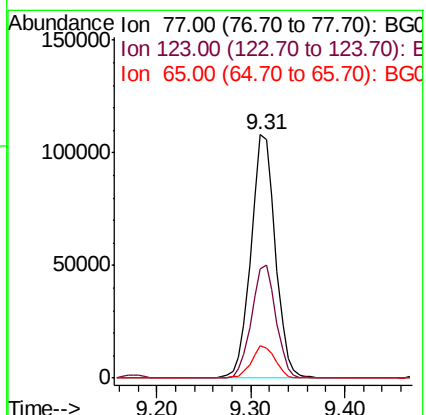
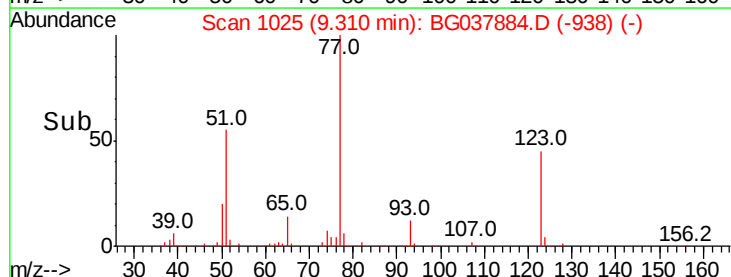
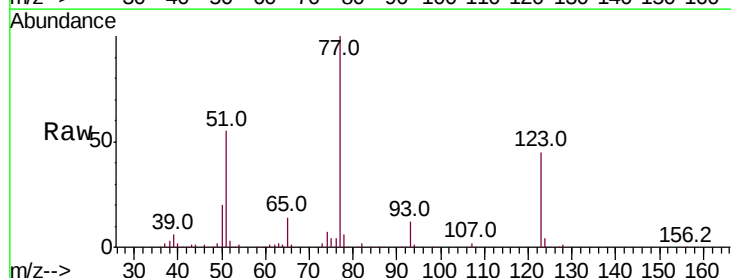
Tgt Ion: 77 Resp: 194504

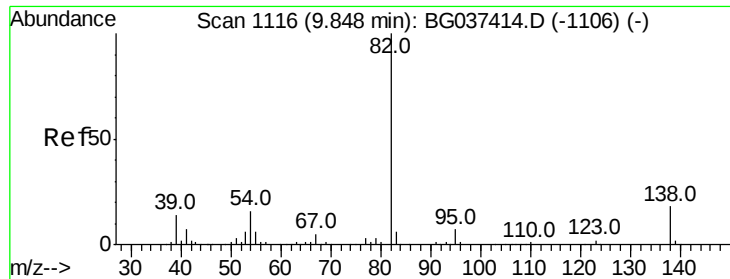
Ion Ratio Lower Upper

77 100

123 44.6 33.6 50.4

65 13.5 11.3 16.9





#25

Isophorone

Concen: 44.643 ng

RT: 9.83 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BG037884.D

Acq: 8 Nov 2018 14:05

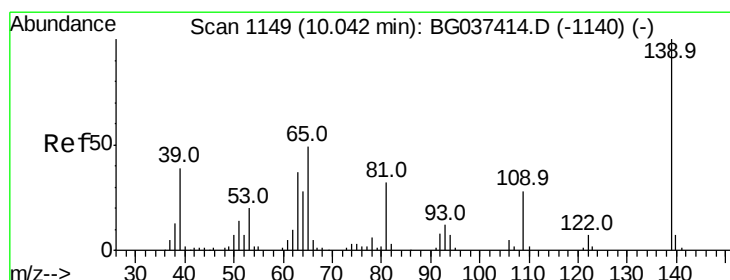
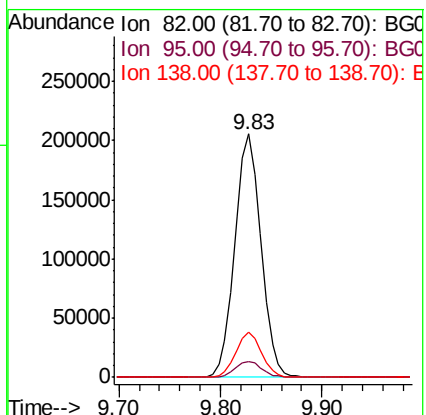
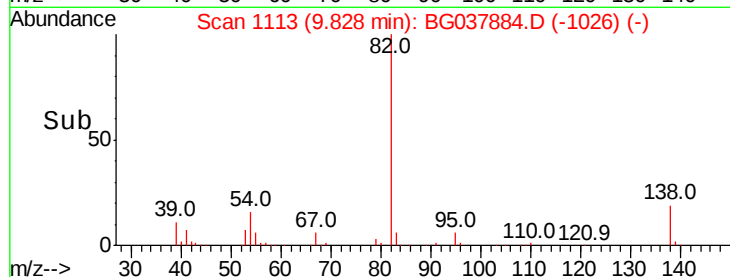
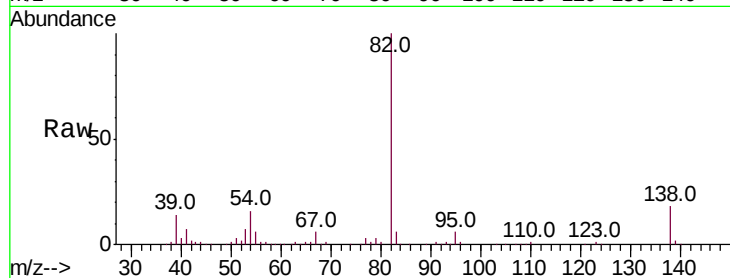
Tot Ion: 82 Resp: 368420

Ion Ratio Lower Upper

82 100

95 6.4 5.3 7.9

138 18.5 13.3 19.9



#26

2-Nitrophenol

Concen: 46.796 ng

RT: 10.02 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BG037884.D

Acq: 8 Nov 2018 14:05

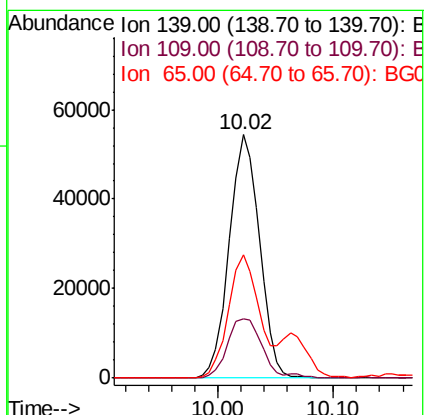
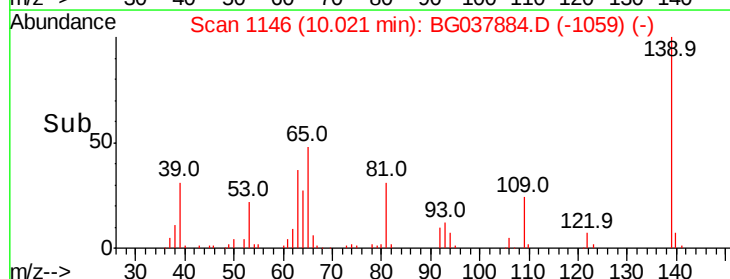
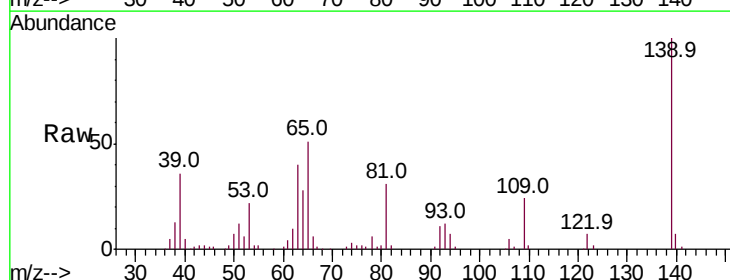
Tgt Ion: 139 Resp: 98914

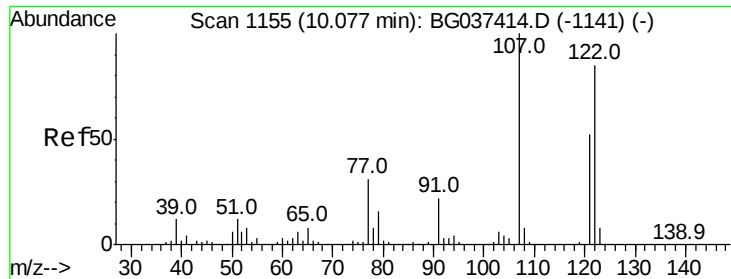
Ion Ratio Lower Upper

139 100

109 24.2 23.3 34.9

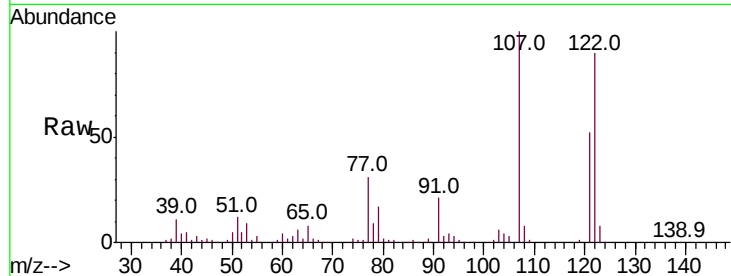
65 50.5 39.8 59.8



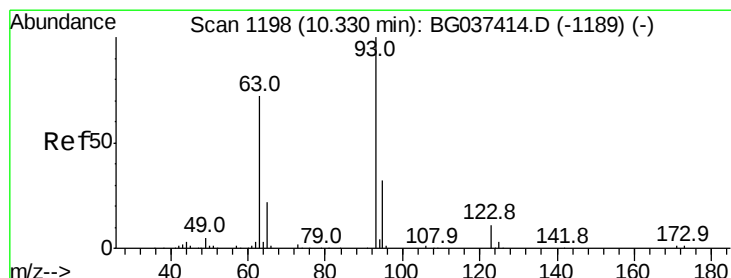
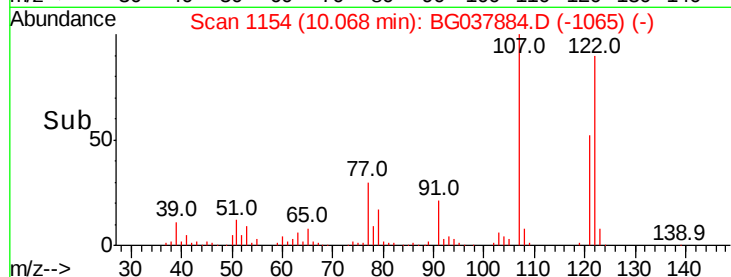
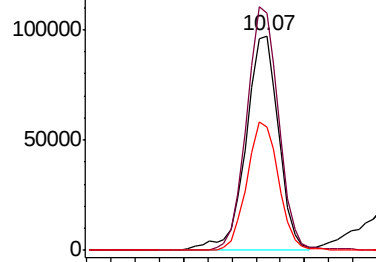


#27  
 2,4-Dimethylphenol  
 Concen: 48.088 ng  
 RT: 10.07 min Scan# 1154  
 Delta R.T. -0.01 min  
 Lab File: BG037884.D  
 Acq: 8 Nov 2018 14:05

Tot Ion:122 Resp: 181484  
 Ion Ratio Lower Upper  
 122 100  
 107 110.8 94.2 141.2  
 121 57.7 47.3 70.9

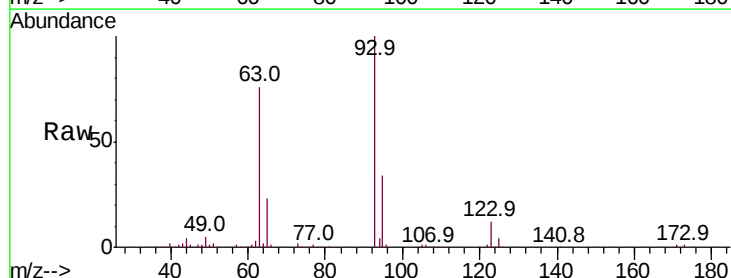


Abundance Ion 122.00 (121.70 to 122.70): E  
 150000  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

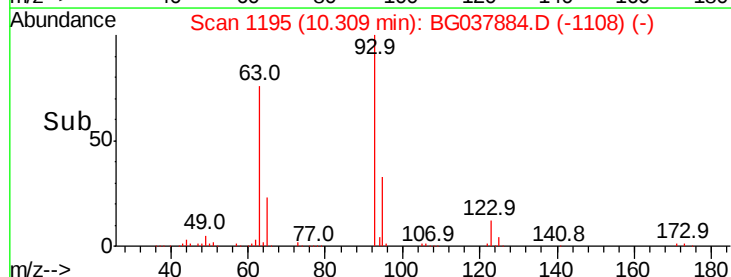
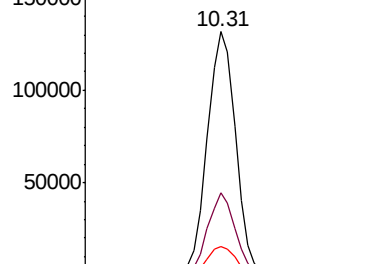


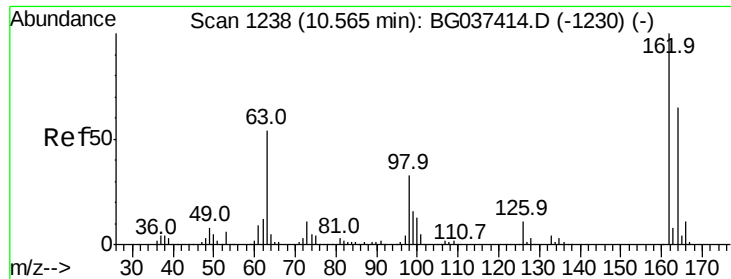
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 41.743 ng  
 RT: 10.31 min Scan# 1195  
 Delta R.T. -0.02 min  
 Lab File: BG037884.D  
 Acq: 8 Nov 2018 14:05

Tgt Ion: 93 Resp: 225700  
 Ion Ratio Lower Upper  
 93 100  
 95 33.7 24.6 37.0  
 123 11.7 9.1 13.7



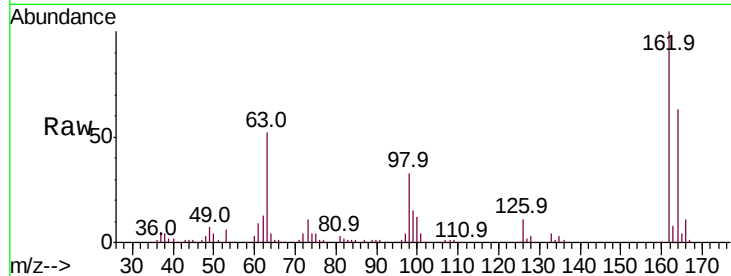
Abundance Ion 93.00 (92.70 to 93.70): BGC  
 150000  
 Ion 95.00 (94.70 to 95.70): BGC  
 Ion 123.00 (122.70 to 123.70): E



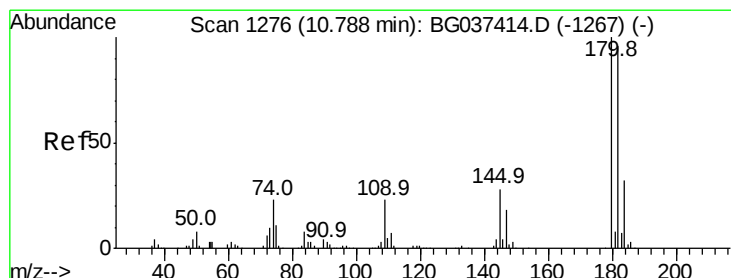
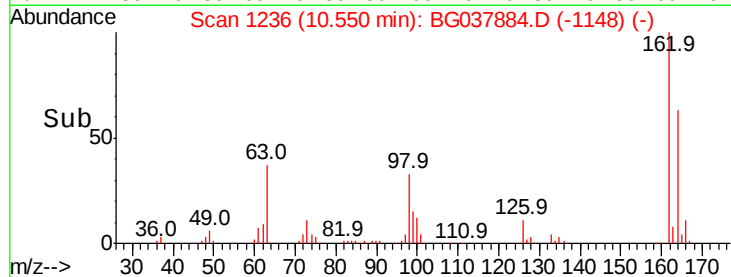
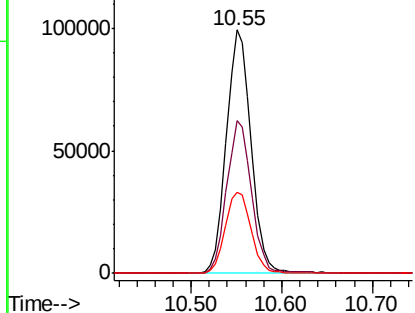


#29  
 2,4-Dichlorophenol  
 Concen: 44.866 ng  
 RT: 10.55 min Scan# 1236  
 Delta R.T. -0.01 min  
 Lab File: BG037884.D  
 Acq: 8 Nov 2018 14:05

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 62.5  | 43.2  | 83.2  |
| 98      | 33.4  | 16.0  | 56.0  |

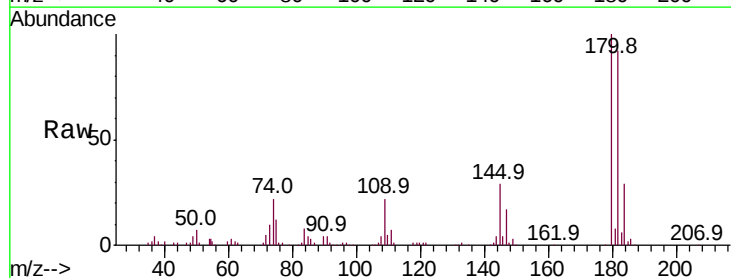


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BGC

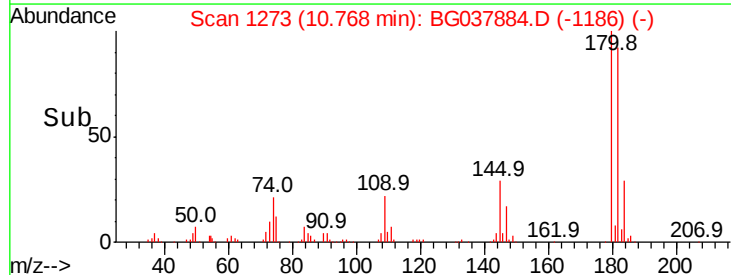
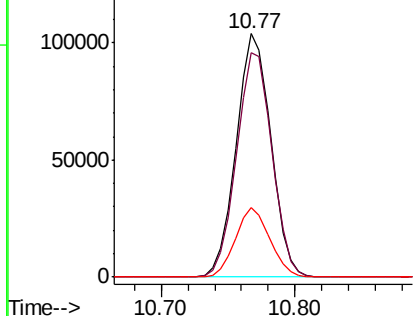


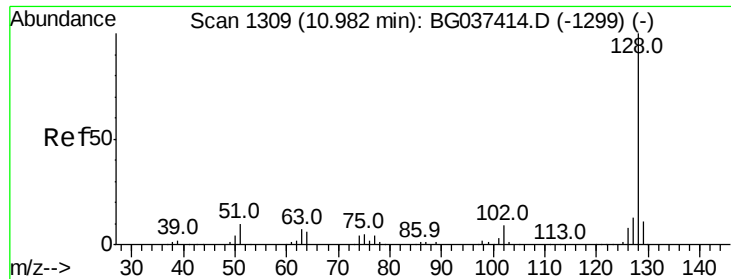
#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.835 ng  
 RT: 10.77 min Scan# 1273  
 Delta R.T. -0.02 min  
 Lab File: BG037884.D  
 Acq: 8 Nov 2018 14:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 92.0  | 77.7  | 116.5 |
| 145     | 28.6  | 23.3  | 34.9  |



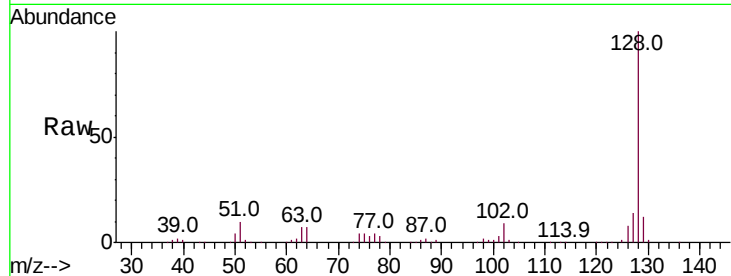
Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E



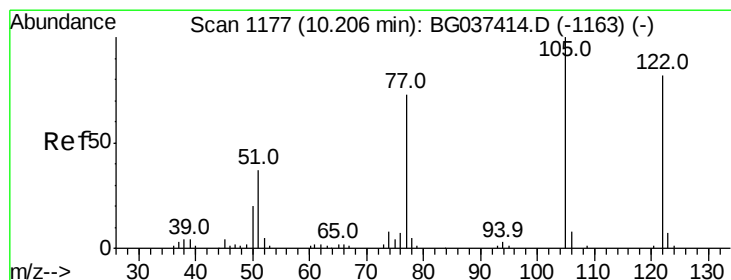
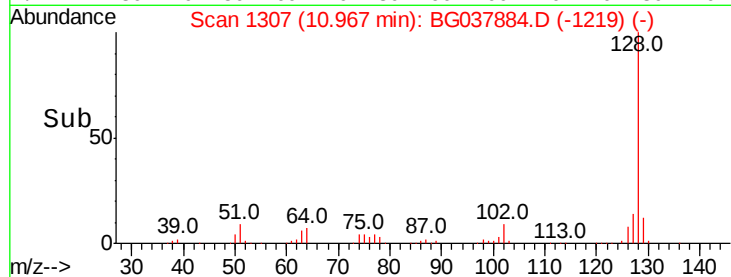
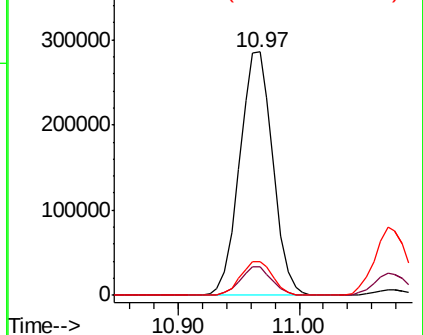


#31  
Naphthalene  
Concen: 43.825 ng  
RT: 10.97 min Scan# 1307  
Delta R.T. -0.01 min  
Lab File: BG037884.D  
Acq: 8 Nov 2018 14:05

Tot Ion:128 Resp: 544635  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.0 13.6  
127 13.9 11.1 16.7

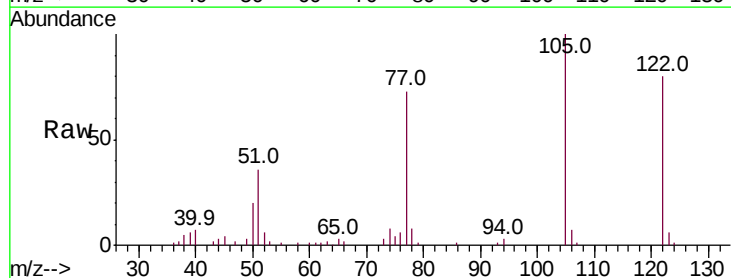


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

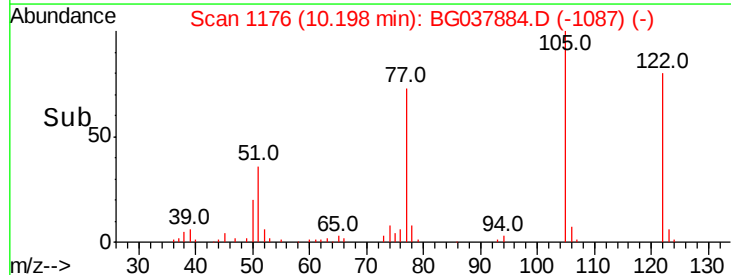
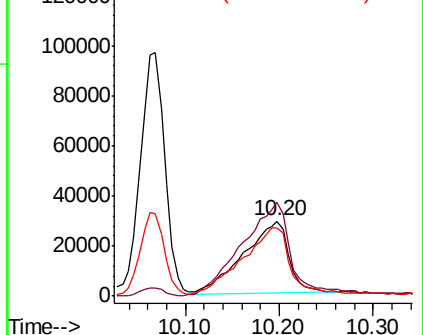


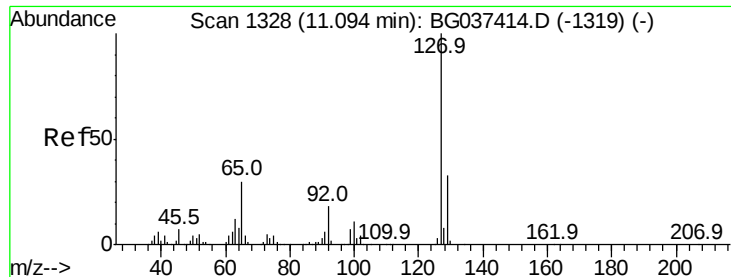
#32  
Benzoic acid  
Concen: 39.554 ng  
RT: 10.20 min Scan# 1176  
Delta R.T. -0.01 min  
Lab File: BG037884.D  
Acq: 8 Nov 2018 14:05

Tgt Ion:122 Resp: 96957  
Ion Ratio Lower Upper  
122 100  
105 125.2 106.7 146.7  
77 91.5 72.2 112.2



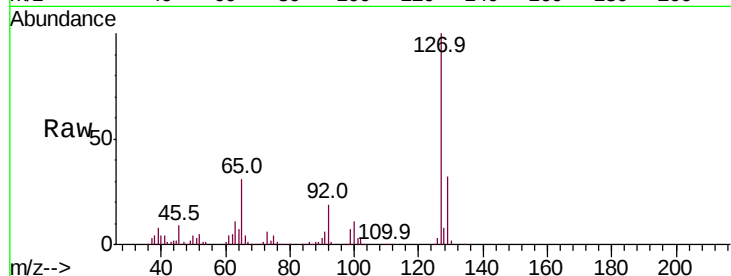
Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BG





#33  
4-Chloroaniline  
Concen: 26.088 ng  
RT: 11.07 min Scan# 1325  
Delta R.T. -0.02 min  
Lab File: BG037884.D  
Acq: 8 Nov 2018 14:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 152333 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.4  | 27.1  | 40.7   |
| 65       | 31.4  | 26.6  | 39.8   |
| 92       | 19.3  | 16.4  | 24.6   |



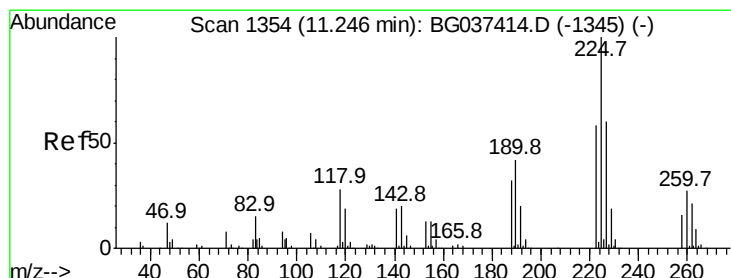
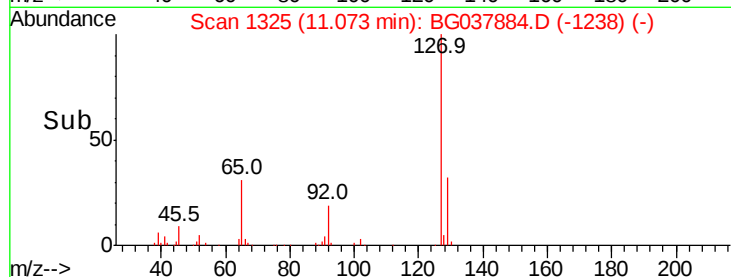
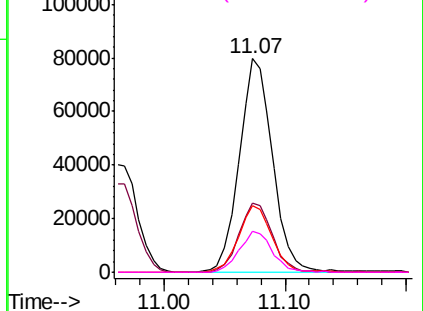
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

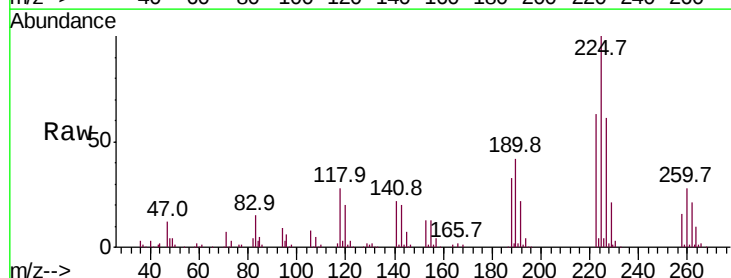
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34  
Hexachlorobutadiene  
Concen: 41.001 ng  
RT: 11.23 min Scan# 1351  
Delta R.T. -0.02 min  
Lab File: BG037884.D  
Acq: 8 Nov 2018 14:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 111043 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.1  | 48.2  | 72.4   |
| 227      | 61.5  | 51.6  | 77.4   |

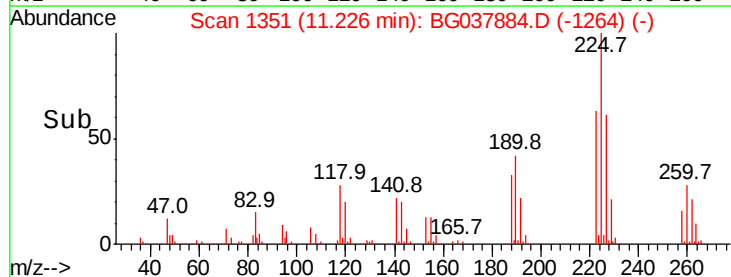
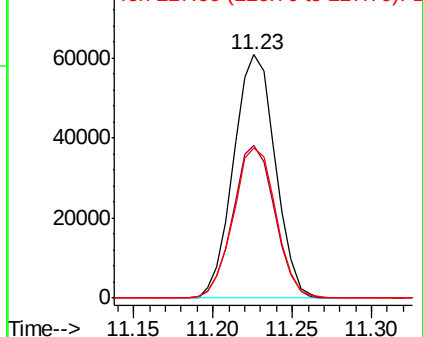


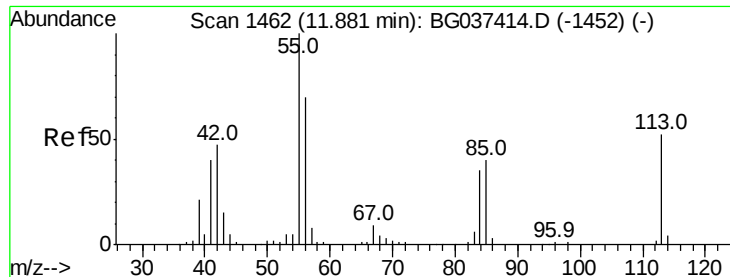
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

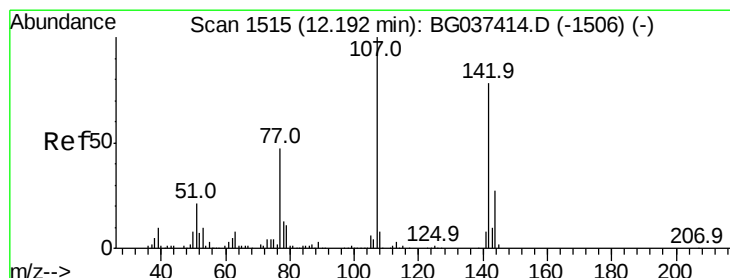
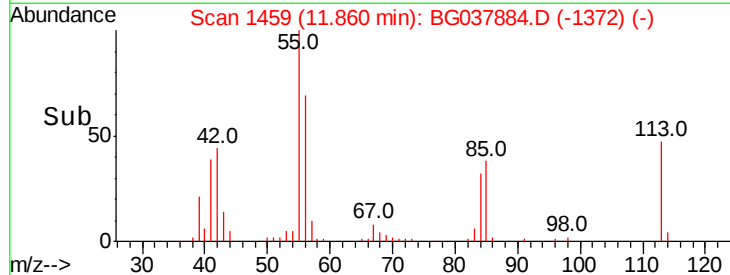
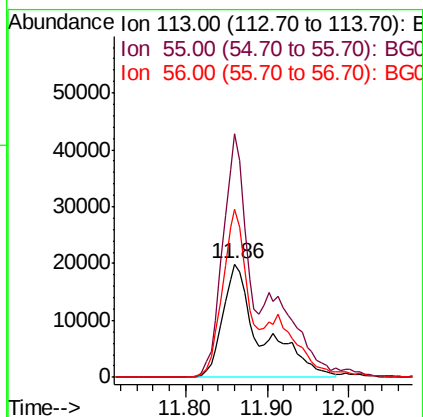
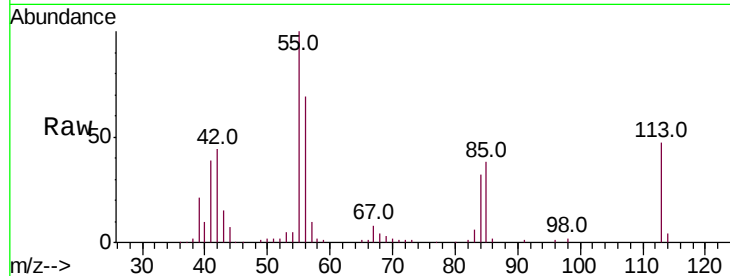
Ion 227.00 (226.70 to 227.70): E





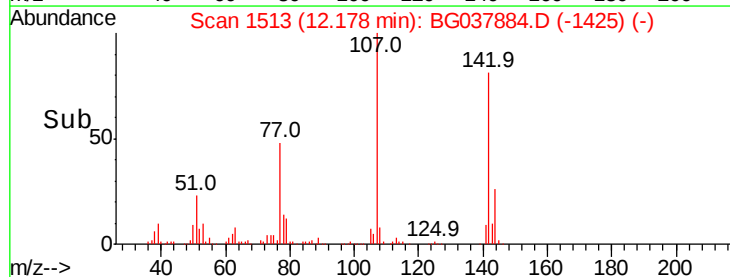
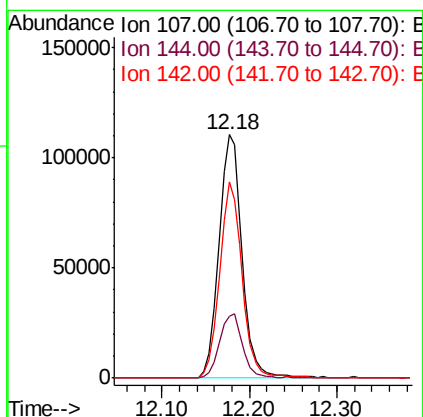
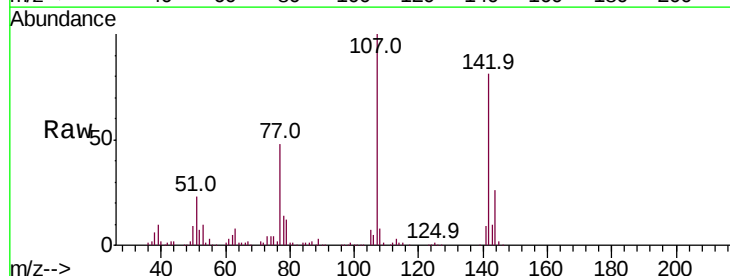
#35  
 Caprolactam  
 Concen: 38.940 ng/ml  
 RT: 11.86 min Scan# 1459  
 Delta R.T. -0.02 min  
 Lab File: BG037884.D  
 Acq: 8 Nov 2018 14:05

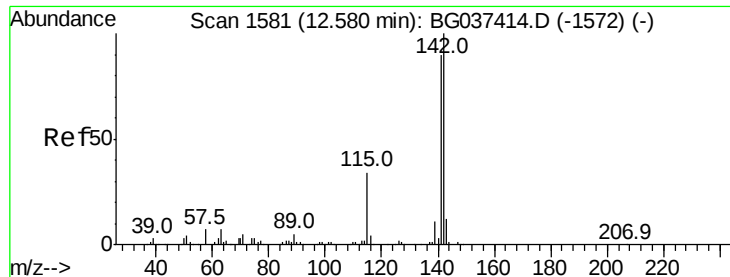
Tot Ion: 113 Resp: 65624  
 Ion Ratio Lower Upper  
 113 100  
 55 214.3 176.6 216.6  
 56 148.3 128.3 168.3



#36  
 4-Chloro-3-methylphenol  
 Concen: 42.508 ng  
 RT: 12.18 min Scan# 1513  
 Delta R.T. -0.01 min  
 Lab File: BG037884.D  
 Acq: 8 Nov 2018 14:05

Tgt Ion: 107 Resp: 201441  
 Ion Ratio Lower Upper  
 107 100  
 144 25.6 20.7 31.1  
 142 80.8 64.4 96.6





#37

2-Methylnaphthalene

Concen: 45.903 ng

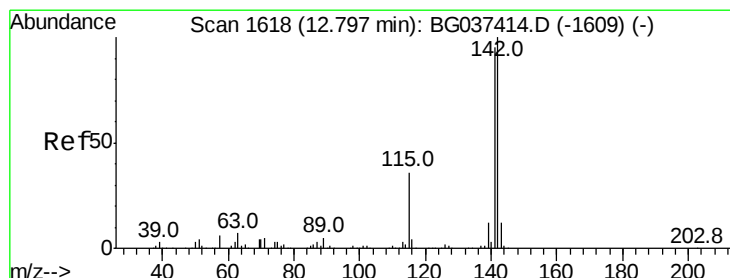
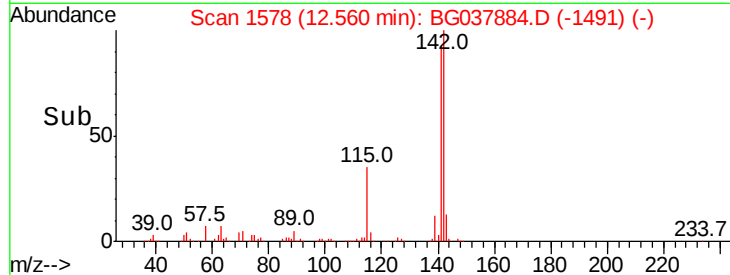
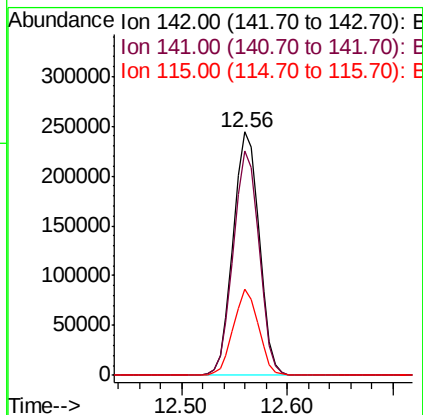
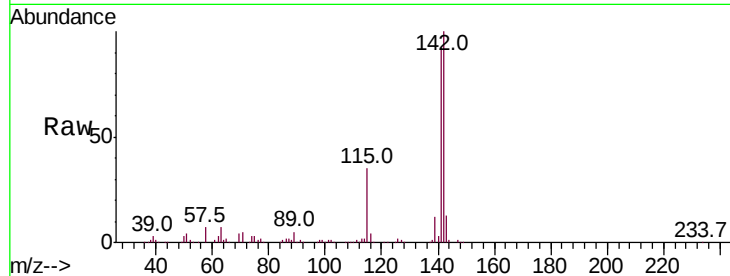
RT: 12.56 min Scan# 1578

Delta R.T. -0.02 min

Lab File: BG037884.D

Acq: 8 Nov 2018 14:05

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.3  | 71.9  | 107.9 |
| 115     | 35.3  | 27.8  | 41.8  |



#38

1-Methylnaphthalene

Concen: 44.777 ng

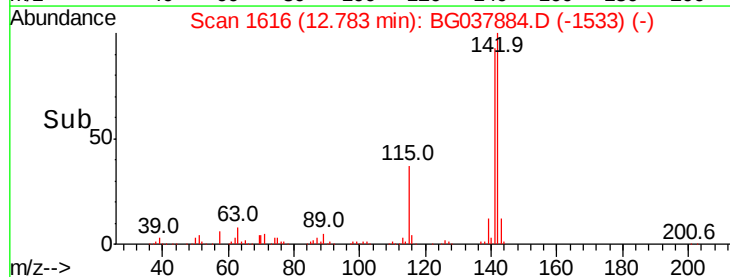
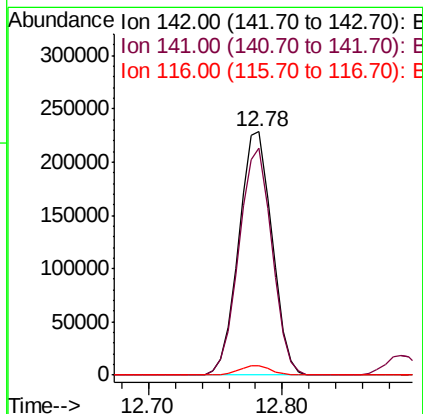
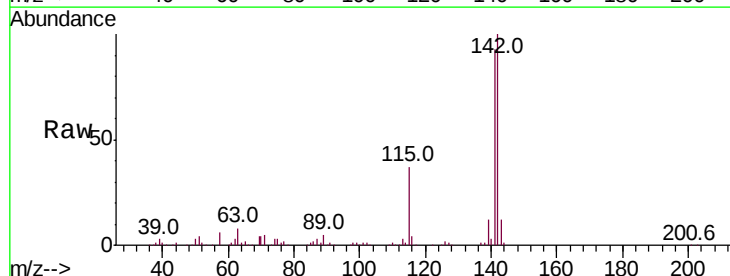
RT: 12.78 min Scan# 1616

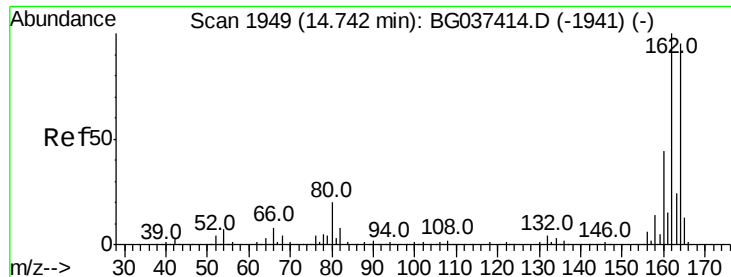
Delta R.T. -0.01 min

Lab File: BG037884.D

Acq: 8 Nov 2018 14:05

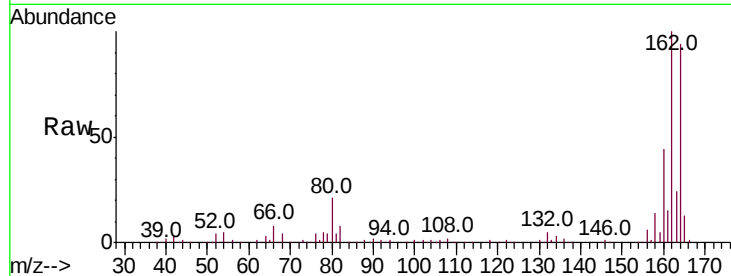
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.3  | 75.2  | 112.8 |
| 116     | 3.8   | 3.3   | 4.9   |



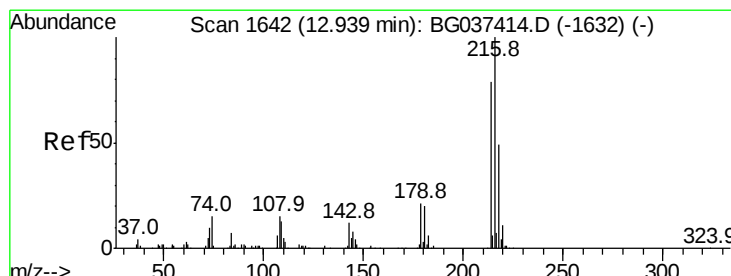
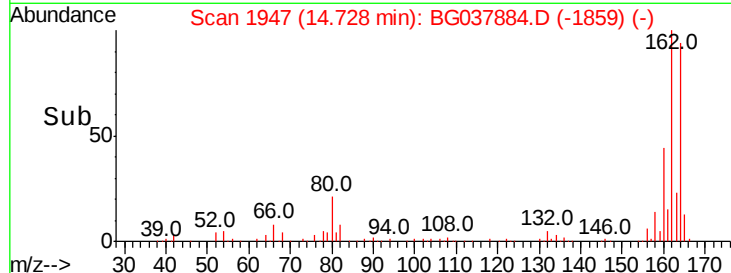
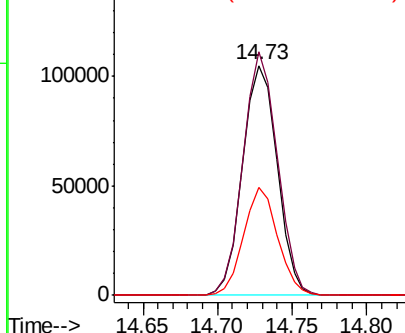


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.73 min Scan# 1947  
 Delta R.T. -0.01 min  
 Lab File: BG037884.D  
 Acq: 8 Nov 2018 14:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 164   | Resp: | 169101 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 162      | 105.9 | 81.3  | 121.9  |
| 160      | 46.9  | 36.3  | 54.5   |



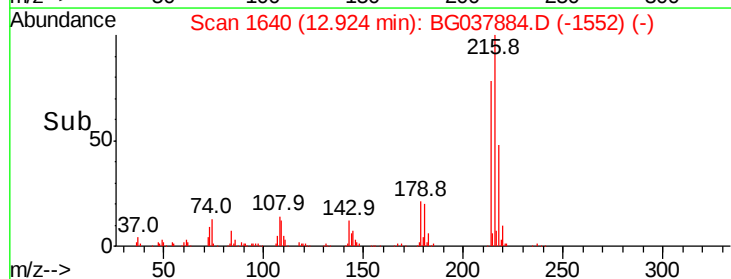
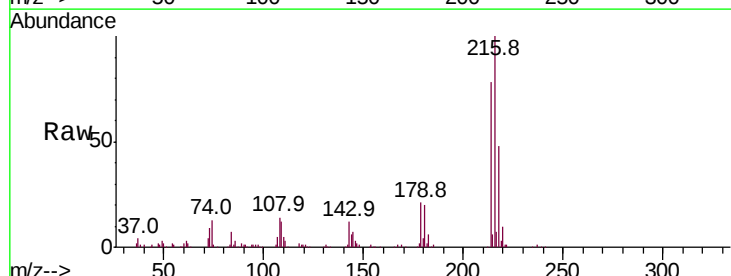
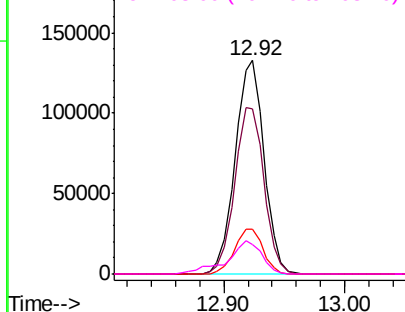
Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

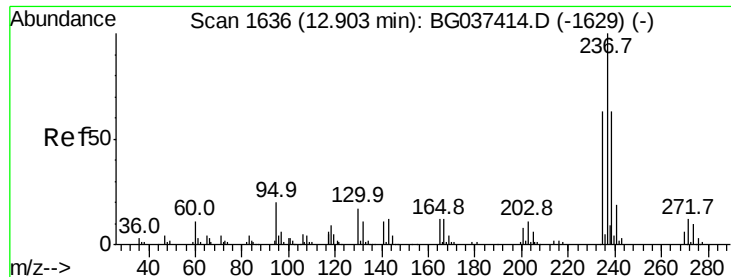


#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 40.495 ng  
 RT: 12.92 min Scan# 1640  
 Delta R.T. -0.01 min  
 Lab File: BG037884.D  
 Acq: 8 Nov 2018 14:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 220878 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 79.2  | 63.8  | 95.6   |
| 179      | 20.8  | 17.4  | 26.0   |
| 108      | 18.4  | 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: 103.386 ng

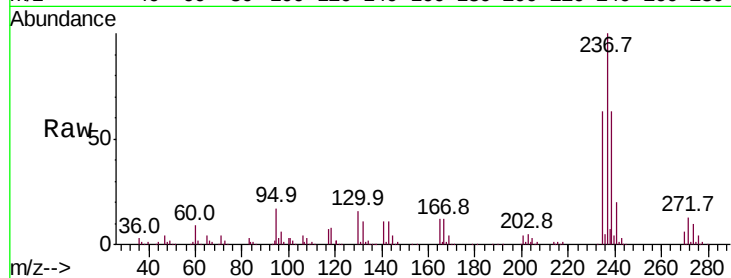
RT: 12.89 min Scan# 1634

Delta R.T. -0.01 min

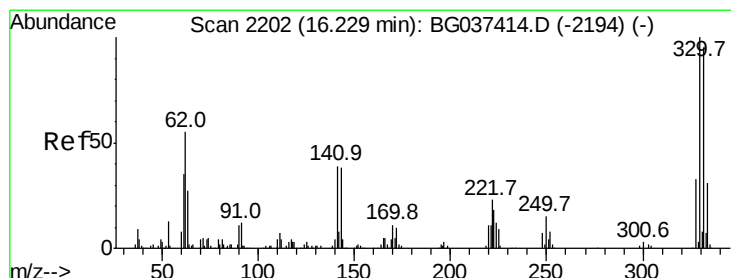
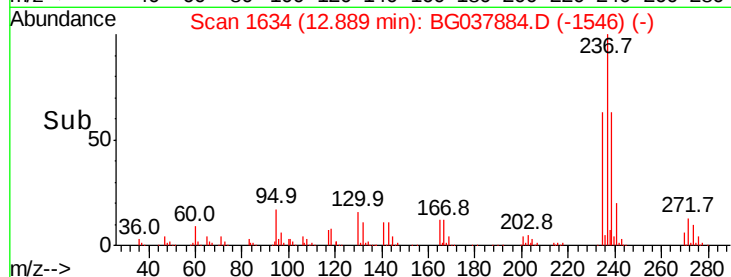
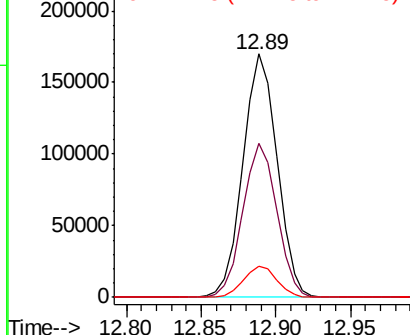
Lab File: BG037884.D

Acq: 8 Nov 2018 14:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 237   | Resp: | 269365 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 63.3  | 42.5  | 82.5   |
| 272      | 12.7  | 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: 157.827 ng

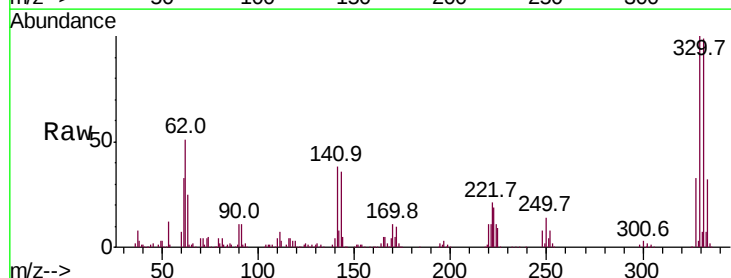
RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

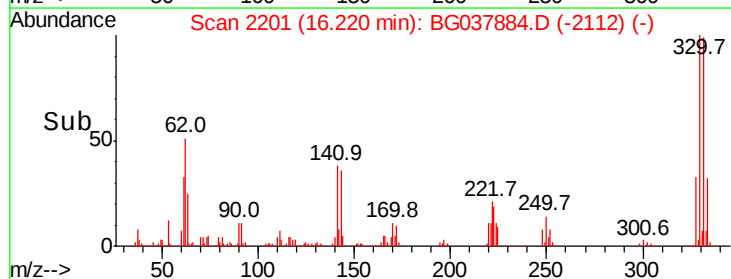
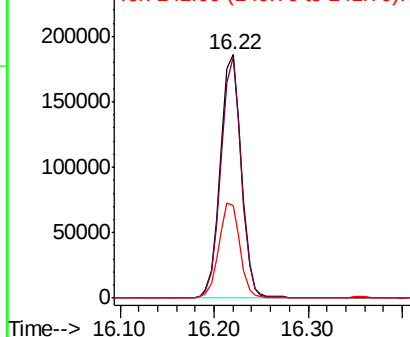
Lab File: BG037884.D

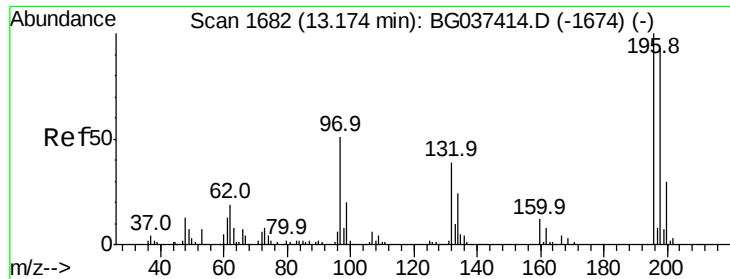
Acq: 8 Nov 2018 14:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 330   | Resp: | 291091 |
| Ion      | Ratio | Lower | Upper  |
| 330      | 100   |       |        |
| 332      | 96.0  | 78.4  | 117.6  |
| 141      | 39.0  | 32.2  | 48.2   |



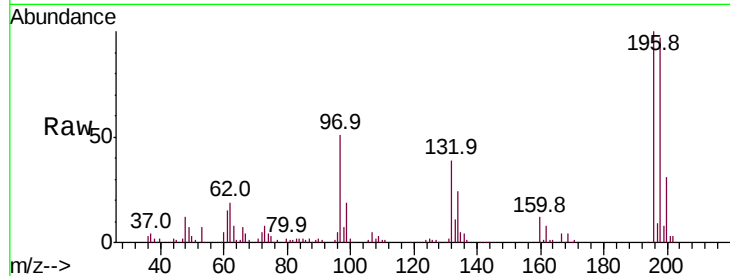
Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E





#43  
 2,4,6-Trichlorophenol  
 Concen: 43.463 ng  
 RT: 13.16 min Scan# 1680  
 Delta R.T. -0.01 min  
 Lab File: BG037884.D  
 Acq: 8 Nov 2018 14:05

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.6  | 76.4  | 114.6 |
| 200     | 30.7  | 24.9  | 37.3  |

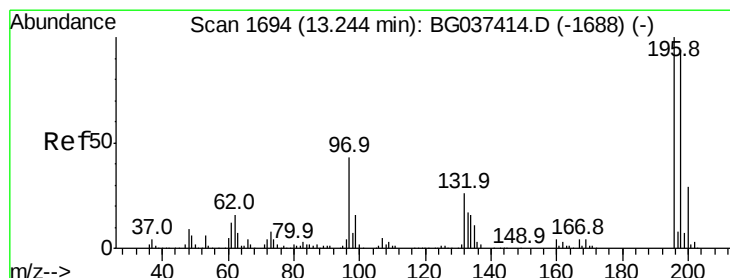
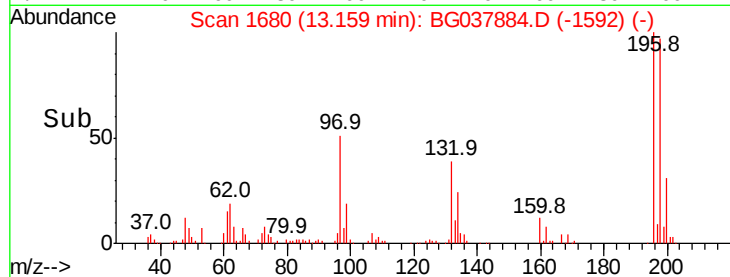
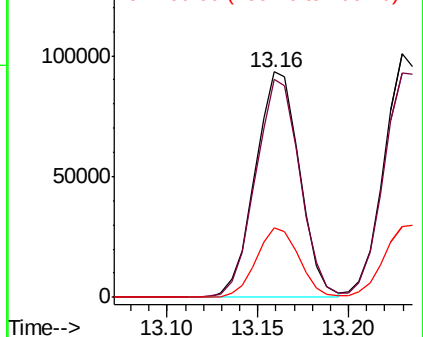


Abundance

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: 42.961 ng  
 RT: 13.23 min Scan# 1692  
 Delta R.T. -0.01 min  
 Lab File: BG037884.D  
 Acq: 8 Nov 2018 14:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 92.1  | 74.2  | 111.2 |
| 97      | 44.0  | 34.1  | 51.1  |
| 132     | 27.2  | 20.2  | 30.4  |

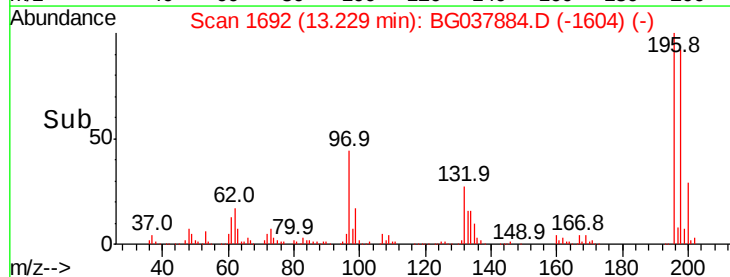
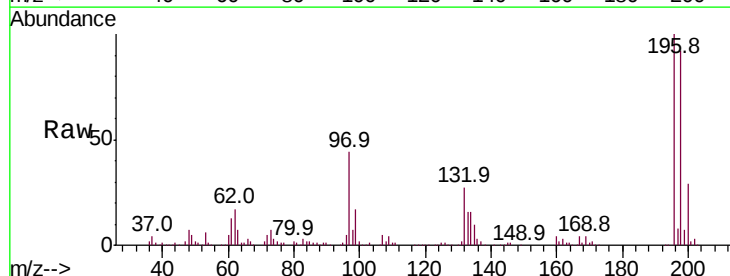
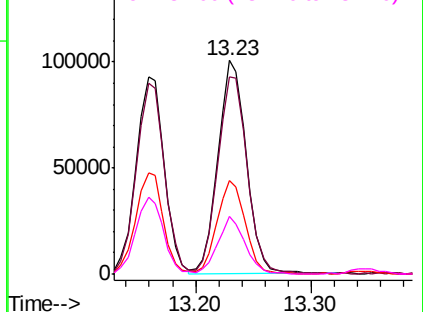
Abundance

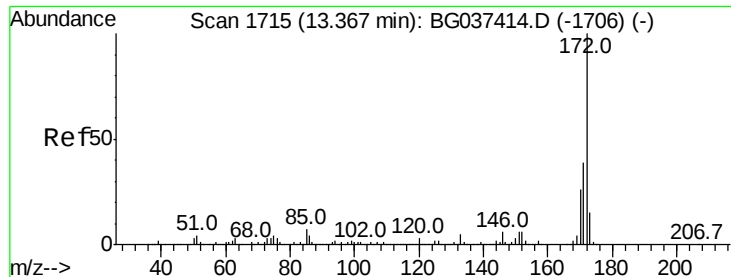
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

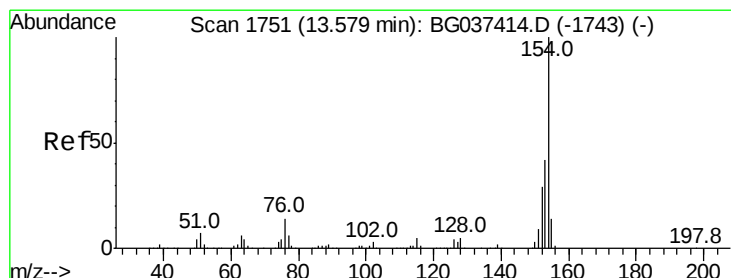
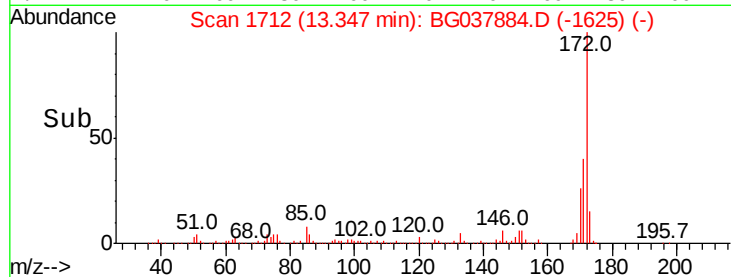
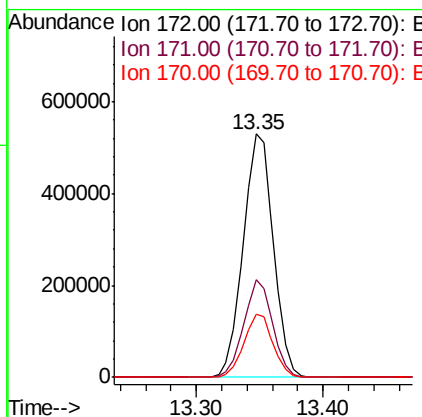
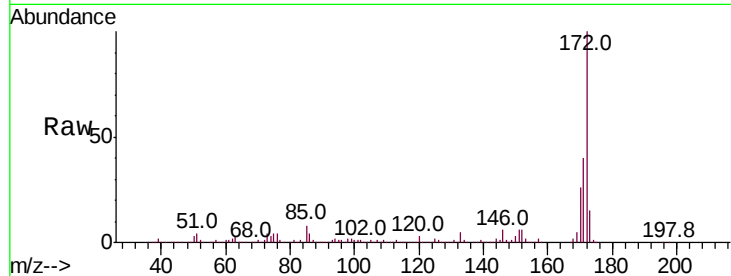
Ion 132.00 (131.70 to 132.70): E





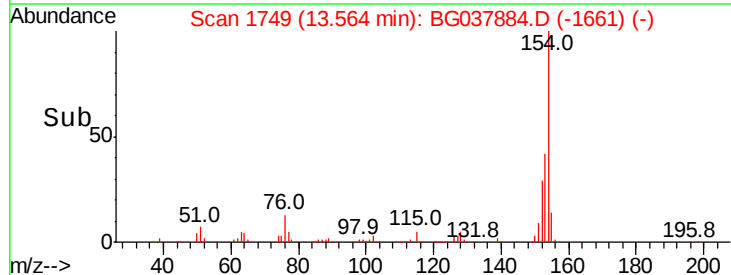
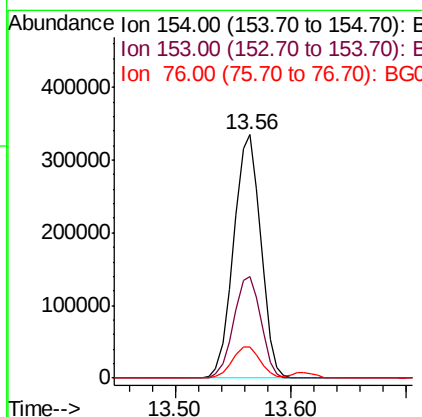
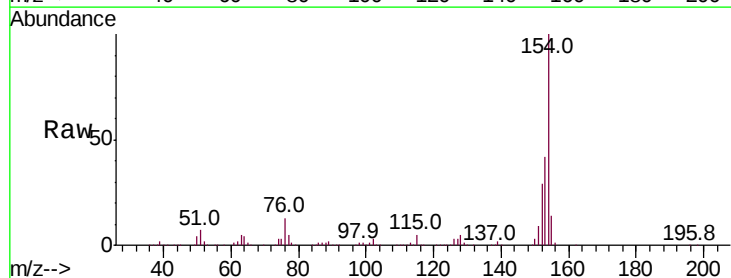
#45  
2-Fluorobiphenyl  
Concen: 77.862 ng  
RT: 13.35 min Scan# 1712  
Delta R.T. -0.02 min  
Lab File: BG037884.D  
Acq: 8 Nov 2018 14:05

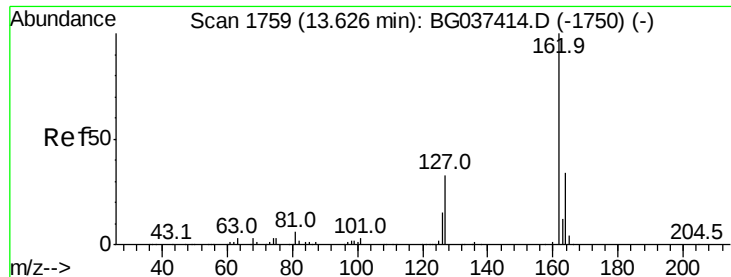
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 40.3  | 31.0  | 46.4  |
| 170     | 26.1  | 20.2  | 30.2  |



#46  
1,1'-Biphenyl  
Concen: 38.773 ng  
RT: 13.56 min Scan# 1749  
Delta R.T. -0.01 min  
Lab File: BG037884.D  
Acq: 8 Nov 2018 14:05

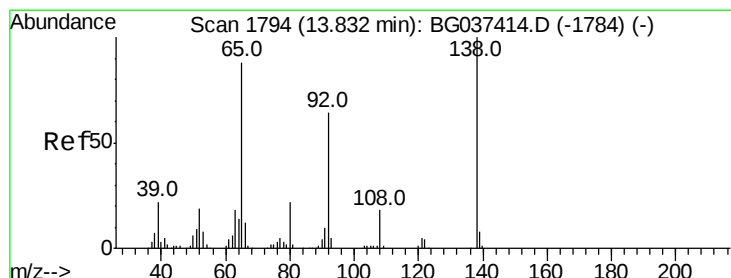
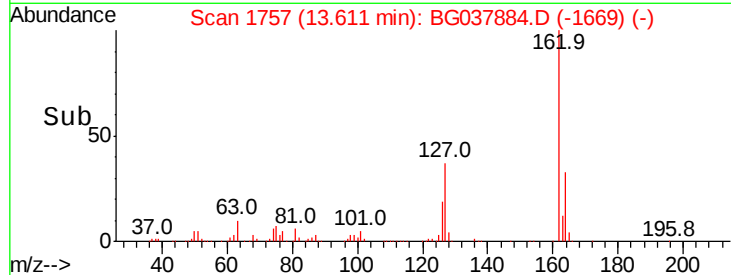
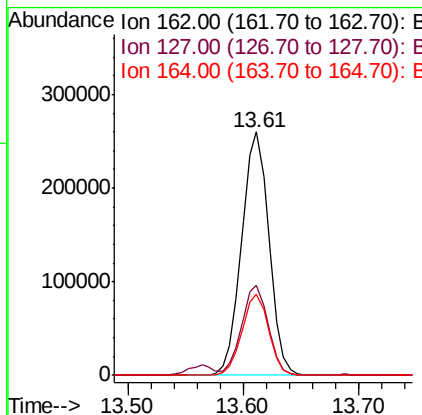
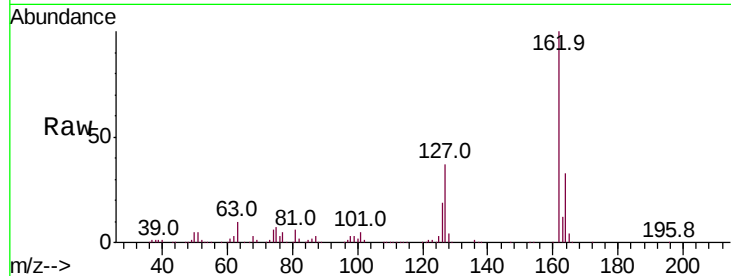
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.7  | 22.1  | 62.1  |
| 76      | 12.7  | 0.0   | 33.2  |





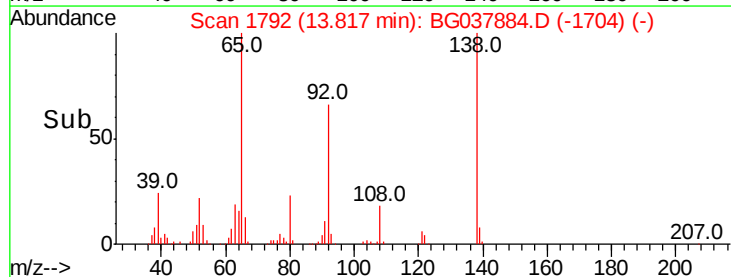
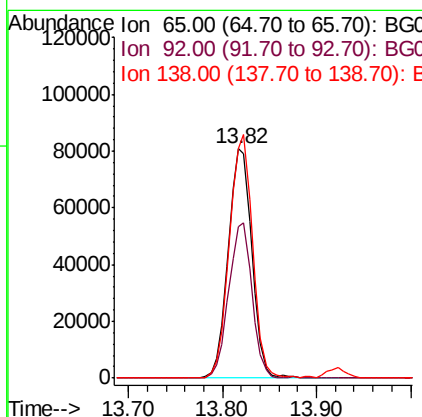
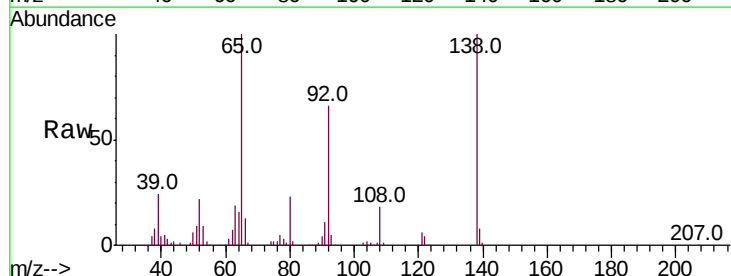
#47  
 2-Chloronaphthalene  
 Concen: 40.348 ng  
 RT: 13.61 min Scan# 1757  
 Delta R.T. -0.01 min  
 Lab File: BG037884.D  
 Acq: 8 Nov 2018 14:05

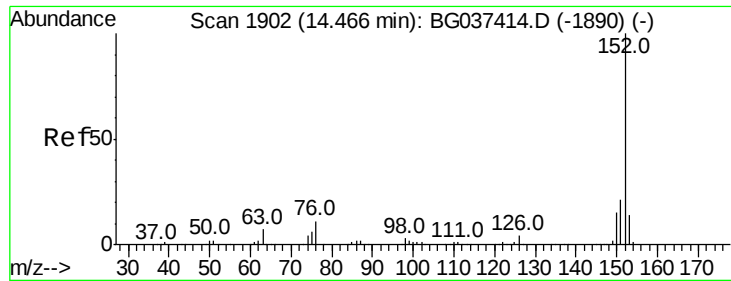
| Tot Ion: | 162   | Resp: | 427489 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 127      | 37.1  | 30.5  | 45.7   |
| 164      | 33.4  | 26.4  | 39.6   |



#48  
 2-Nitroaniline  
 Concen: 43.959 ng  
 RT: 13.82 min Scan# 1792  
 Delta R.T. -0.01 min  
 Lab File: BG037884.D  
 Acq: 8 Nov 2018 14:05

| Tgt Ion: | 65    | Resp: | 141239 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 92       | 66.2  | 53.2  | 79.8   |
| 138      | 100.2 | 79.3  | 118.9  |





#49

Acenaphthylene

Concen: 44.051 ng

RT: 14.45 min Scan# 1900

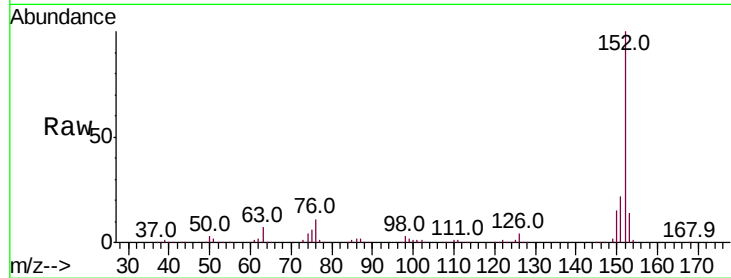
Delta R.T. -0.01 min

Lab File: BG037884.D

Acq: 8 Nov 2018 14:05

Tot Ion:152 Resp: 702078

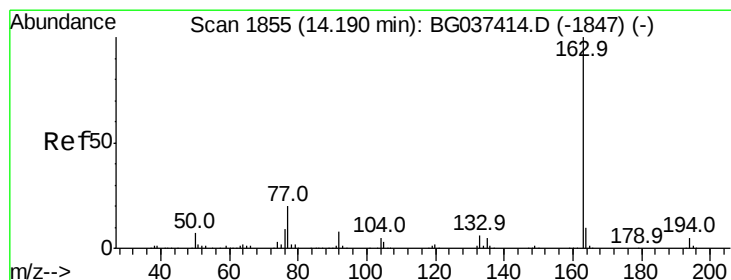
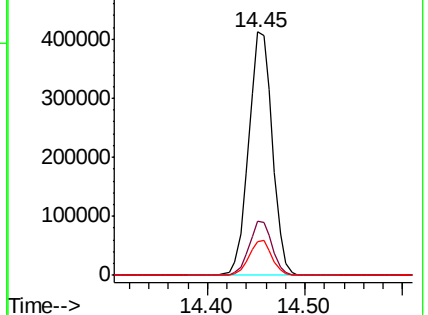
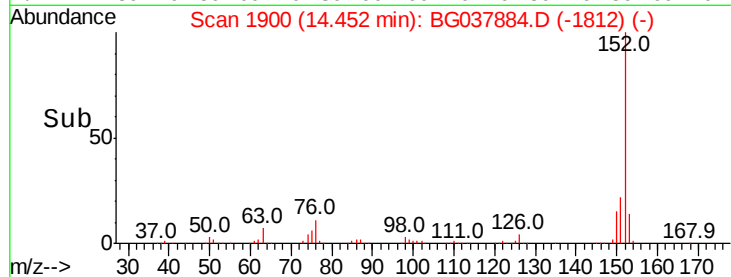
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 22.0  | 17.1  | 25.7  |
| 153 | 13.9  | 11.1  | 16.7  |



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: 41.054 ng

RT: 14.18 min Scan# 1853

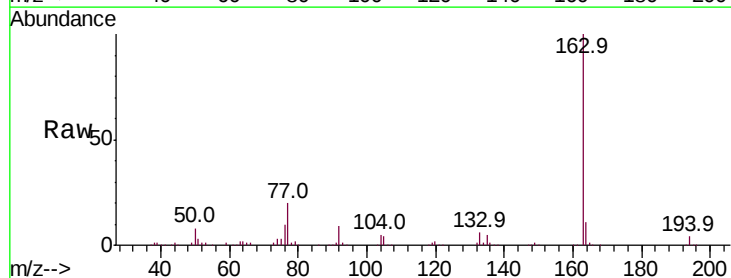
Delta R.T. -0.01 min

Lab File: BG037884.D

Acq: 8 Nov 2018 14:05

Tgt Ion:163 Resp: 537065

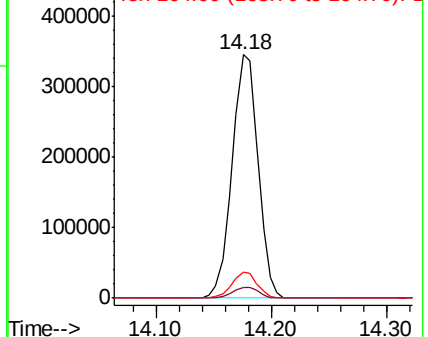
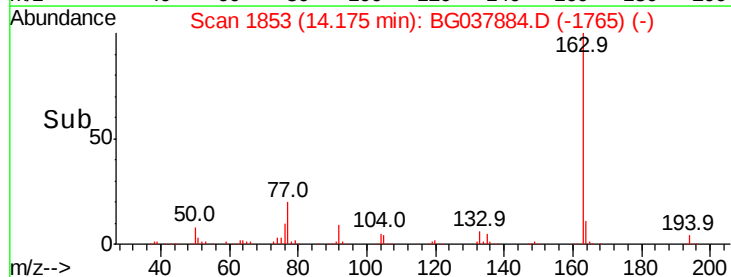
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.4   | 3.5   | 5.3   |
| 164 | 10.7  | 8.5   | 12.7  |

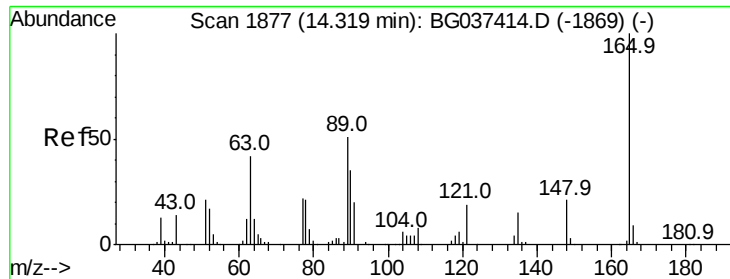


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.886 ng

RT: 14.31 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG037884.D

Acq: 8 Nov 2018 14:05

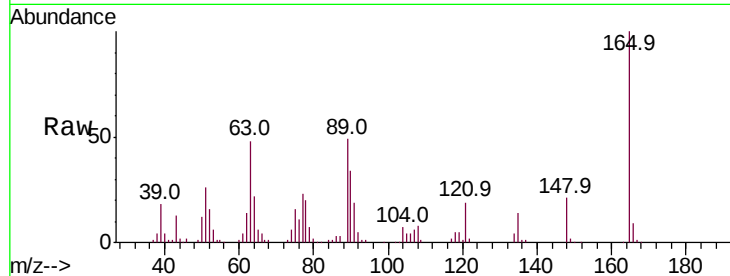
Tot Ion:165 Resp: 124113

Ion Ratio Lower Upper

165 100

63 48.5 43.4 65.2

89 48.8 45.8 68.6

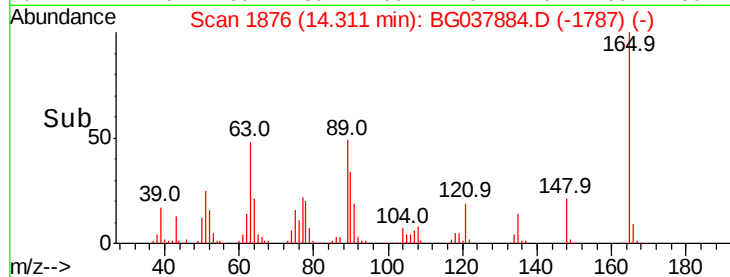


Abundance Ion 165.00 (164.70 to 165.70): E

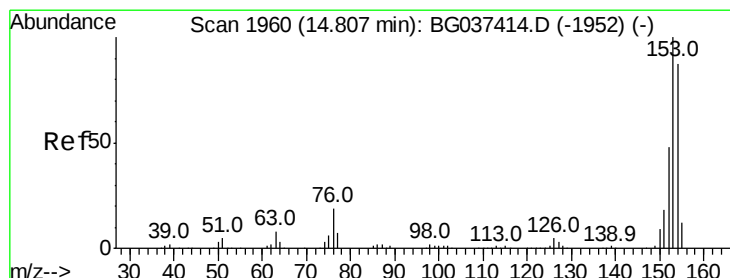
Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Time-->



Time-->



#52

Acenaphthene

Concen: 41.567 ng

RT: 14.79 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG037884.D

Acq: 8 Nov 2018 14:05

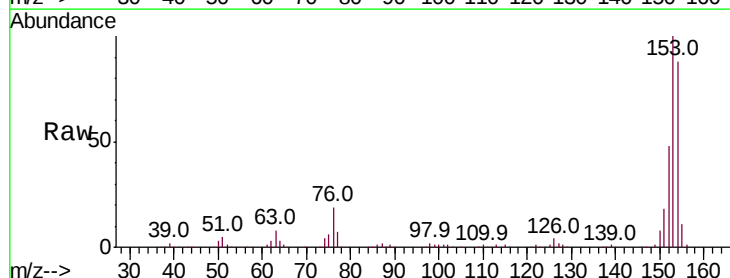
Tgt Ion:154 Resp: 408008

Ion Ratio Lower Upper

154 100

153 113.7 93.4 140.0

152 54.8 44.7 67.1

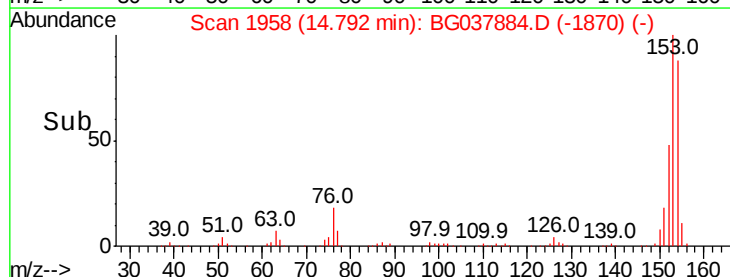


Abundance Ion 154.00 (153.70 to 154.70): E

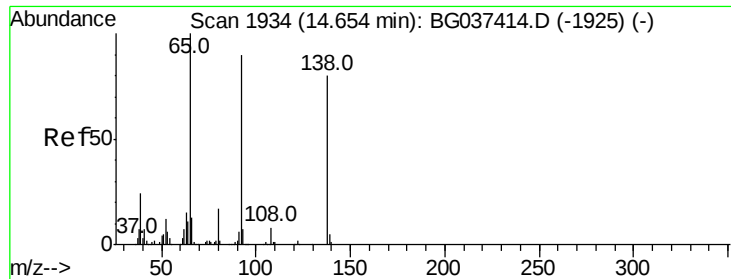
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->

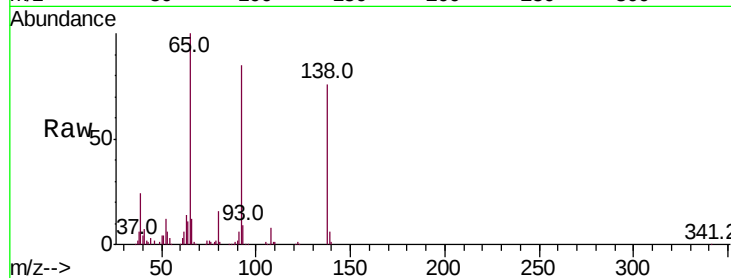


Time-->

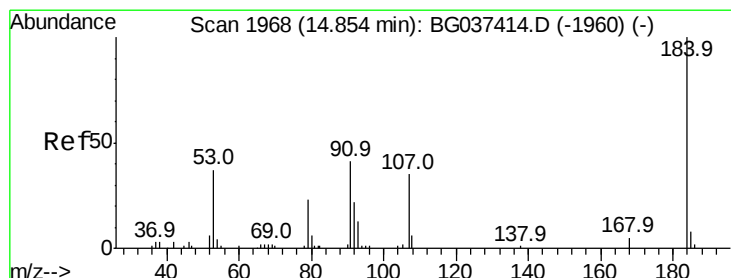
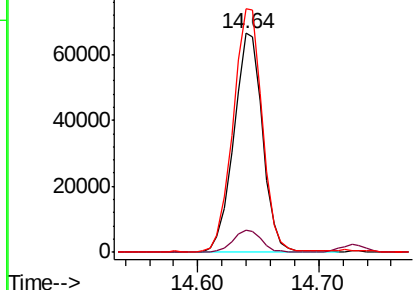
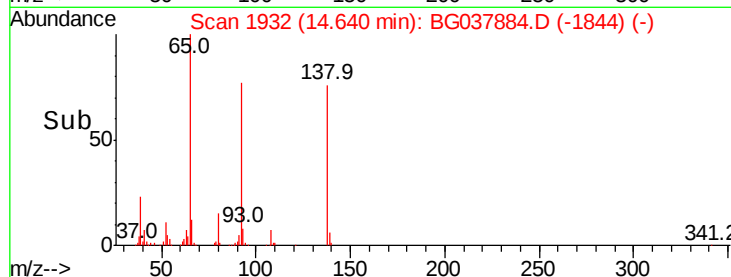


#53  
3-Nitroaniline  
Concen: 34.566 ng  
RT: 14.64 min Scan# 1932  
Delta R.T. -0.01 min  
Lab File: BG037884.D  
Acq: 8 Nov 2018 14:05

Tot Ion:138 Resp: 111050  
Ion Ratio Lower Upper  
138 100  
108 10.1 11.0 16.6#  
92 111.3 95.2 142.8

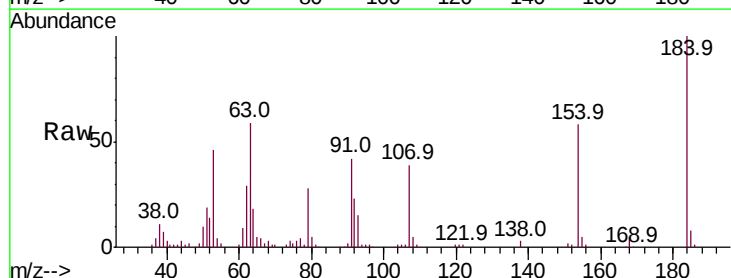


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BGC

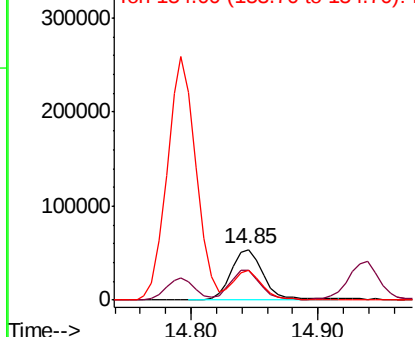
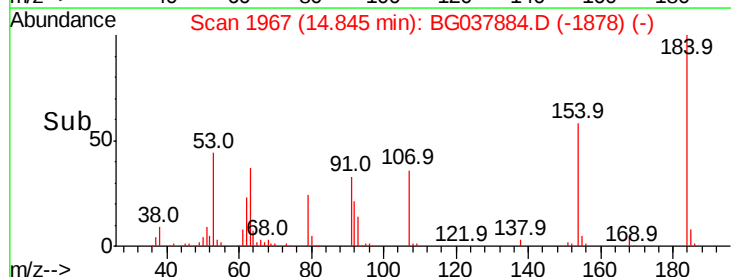


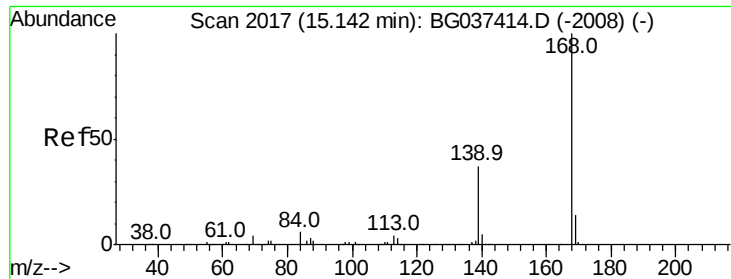
#54  
2,4-Dinitrophenol  
Concen: 76.581 ng  
RT: 14.85 min Scan# 1967  
Delta R.T. -0.01 min  
Lab File: BG037884.D  
Acq: 8 Nov 2018 14:05

Tgt Ion:184 Resp: 95586  
Ion Ratio Lower Upper  
184 100  
63 58.8 42.6 63.8  
154 57.6 41.8 62.6



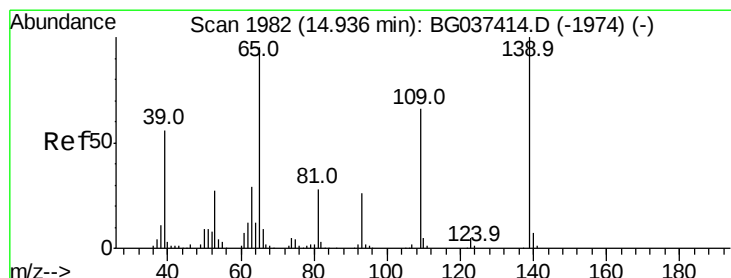
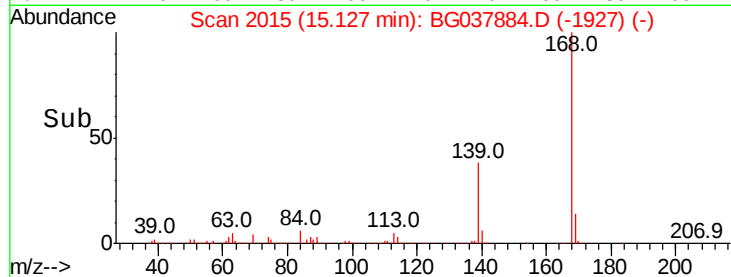
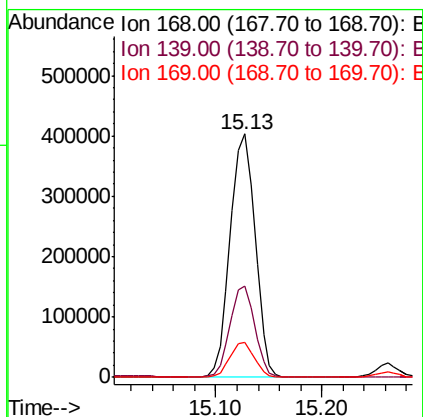
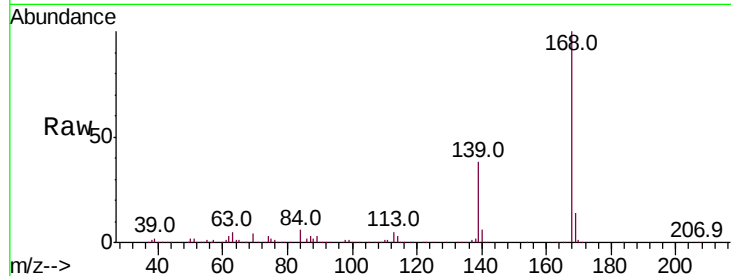
Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 154.00 (153.70 to 154.70): E





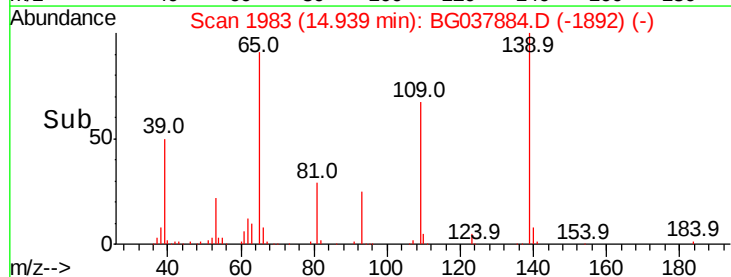
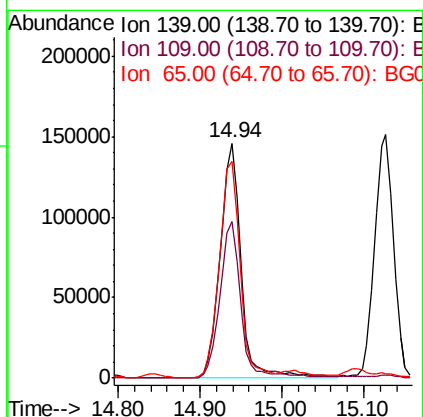
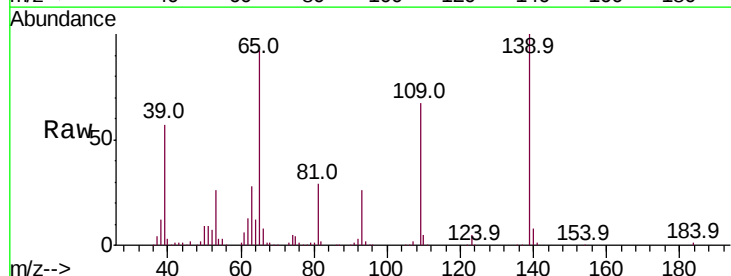
#55  
Dibenzofuran  
Concen: 40.582 ng  
RT: 15.13 min Scan# 2015  
Delta R.T. -0.01 min  
Lab File: BG037884.D  
Acq: 8 Nov 2018 14:05

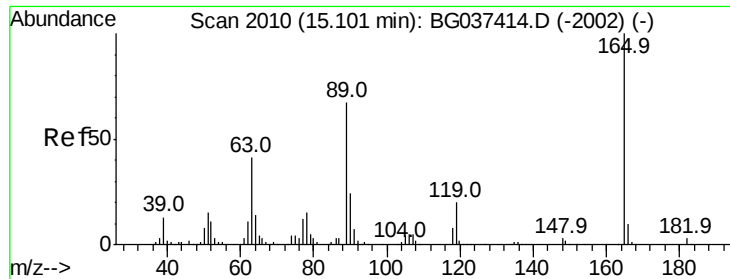
Tot Ion:168 Resp: 659979  
Ion Ratio Lower Upper  
168 100  
139 37.5 29.4 44.0  
169 14.3 11.0 16.6



#56  
4-Nitrophenol  
Concen: 109.234 ng  
RT: 14.94 min Scan# 1983  
Delta R.T. 0.00 min  
Lab File: BG037884.D  
Acq: 8 Nov 2018 14:05

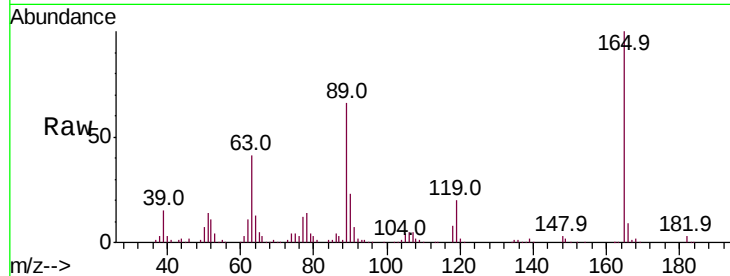
Tgt Ion:139 Resp: 259764  
Ion Ratio Lower Upper  
139 100  
109 66.6 49.5 89.5  
65 92.0 76.8 116.8



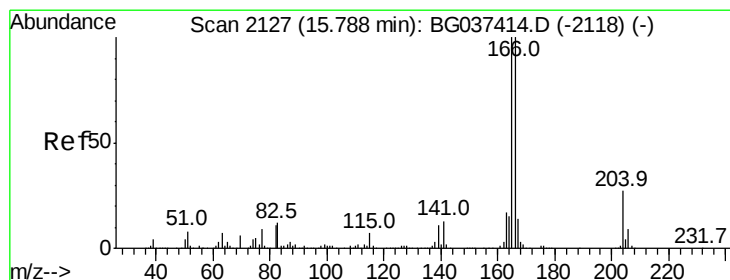
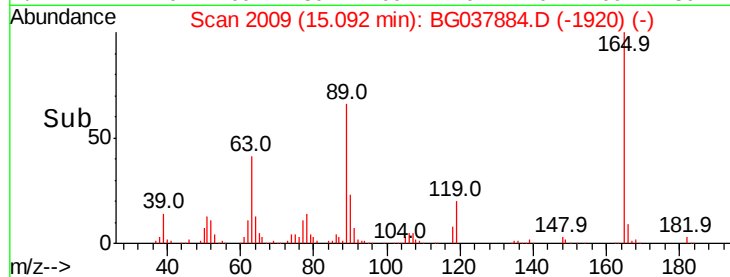
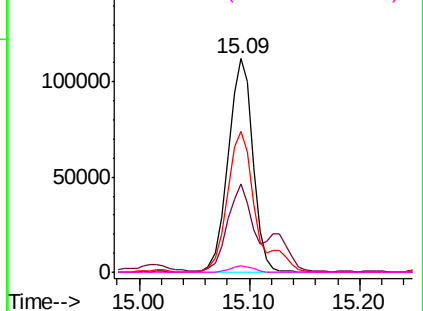


#57  
 2,4-Dinitrotoluene  
 Concen: 46.210 ng  
 RT: 15.09 min Scan# 2009  
 Delta R.T. -0.01 min  
 Lab File: BG037884.D  
 Acq: 8 Nov 2018 14:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 165   | Resp: | 175545 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 41.5  | 33.4  | 50.0   |
| 89       | 66.1  | 57.2  | 85.8   |
| 182      | 2.8   | 2.6   | 4.0    |

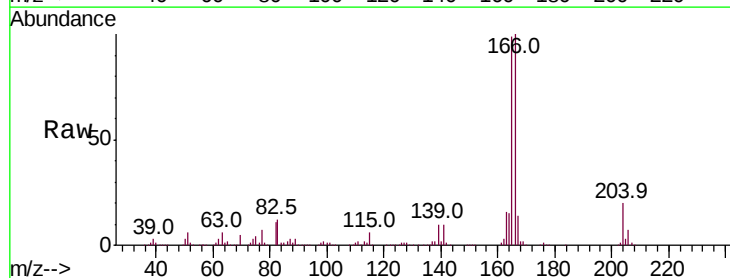


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 89.00 (88.70 to 89.70): BG  
 Ion 182.00 (181.70 to 182.70): E

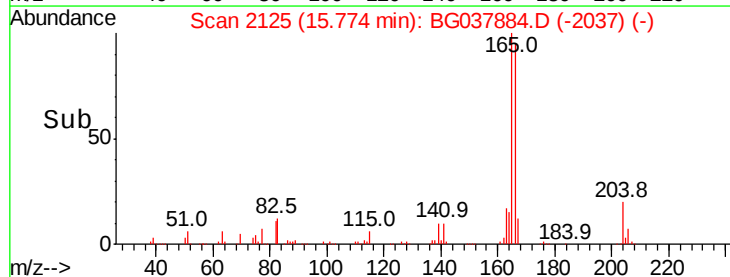
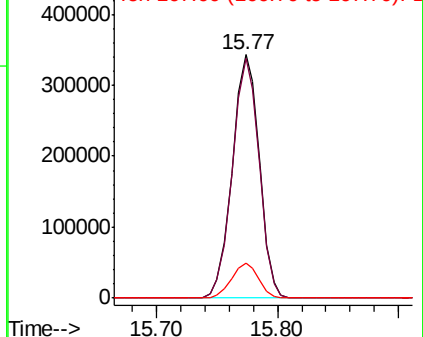


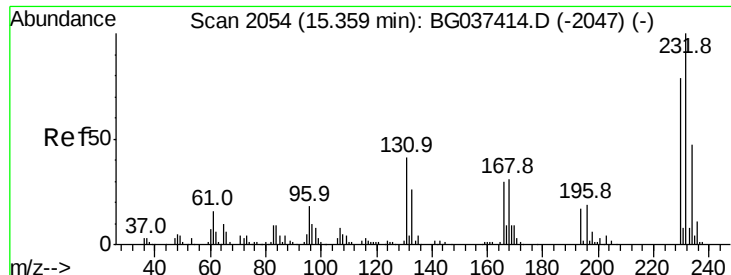
#58  
 Fluorene  
 Concen: 43.844 ng  
 RT: 15.77 min Scan# 2125  
 Delta R.T. -0.01 min  
 Lab File: BG037884.D  
 Acq: 8 Nov 2018 14:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 533945 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 98.7  | 79.0  | 118.6  |
| 167      | 14.5  | 11.3  | 16.9   |



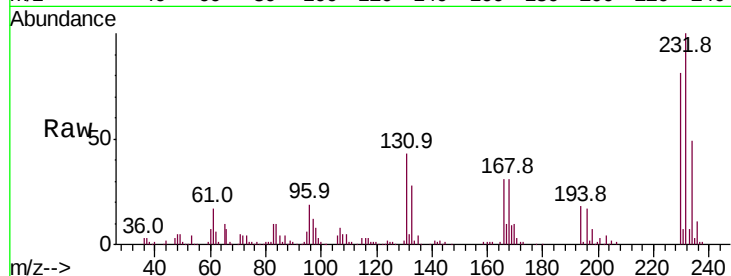
Abundance Ion 166.00 (165.70 to 166.70): E  
 Ion 165.00 (164.70 to 165.70): E  
 Ion 167.00 (166.70 to 167.70): E





#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 44.196 ng  
 RT: 15.34 min Scan# 2052  
 Delta R.T. -0.01 min  
 Lab File: BG037884.D  
 Acq: 8 Nov 2018 14:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 150133 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 42.8  | 33.7  | 50.5   |
| 130      | 2.4   | 2.1   | 3.1    |
| 166      | 30.5  | 24.6  | 36.8   |



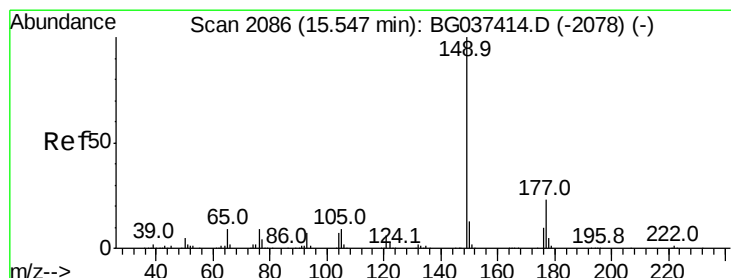
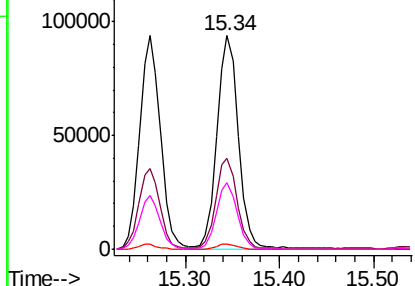
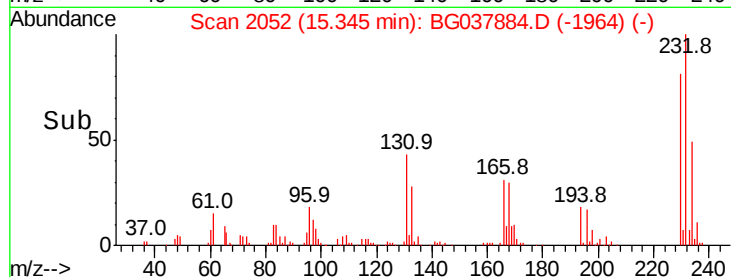
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

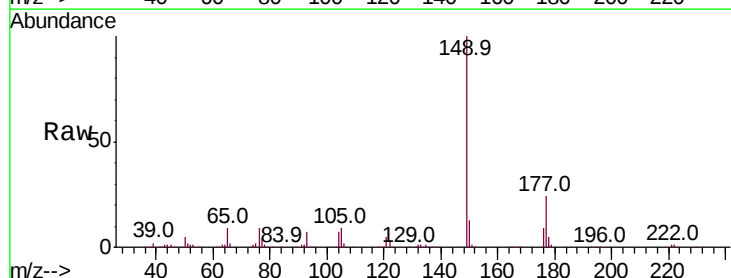
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
 Diethylphthalate  
 Concen: 41.322 ng  
 RT: 15.53 min Scan# 2084  
 Delta R.T. -0.01 min  
 Lab File: BG037884.D  
 Acq: 8 Nov 2018 14:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 554981 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 23.7  | 18.3  | 27.5   |
| 150      | 12.9  | 10.0  | 15.0   |

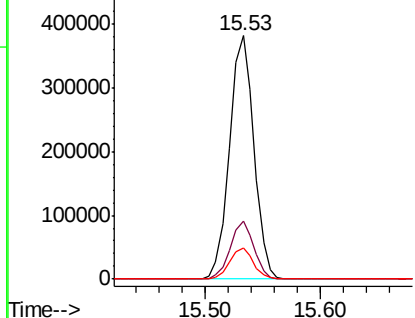
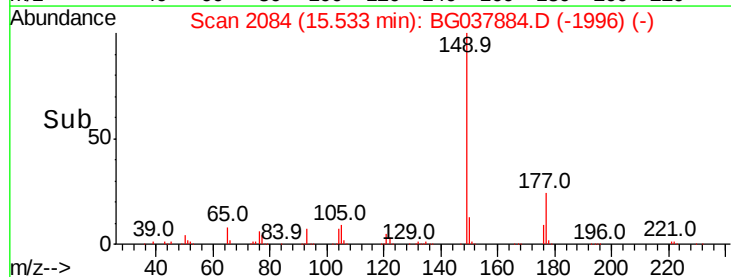


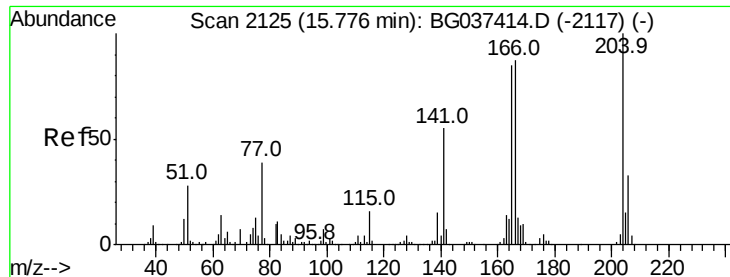
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

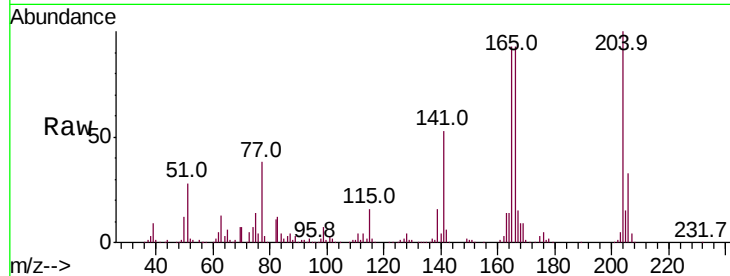
Ion 150.00 (149.70 to 150.70): E



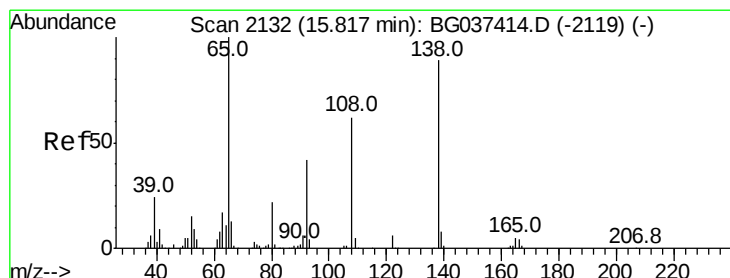
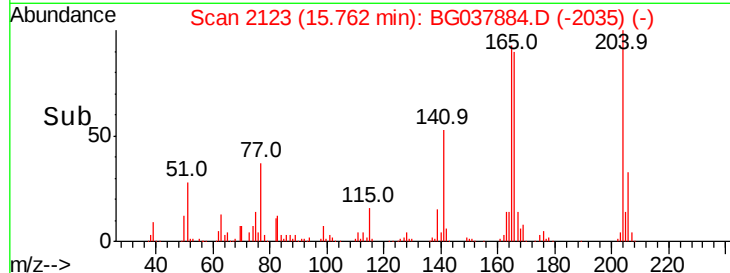
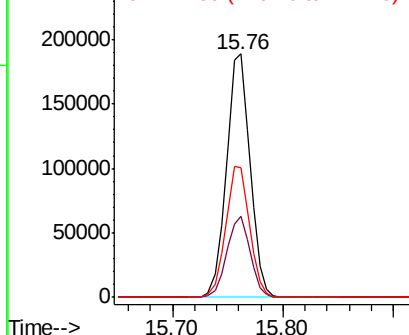


#61  
4-Chlorophenyl-phenylether  
Concen: 39.807 ng  
RT: 15.76 min Scan# 2123  
Delta R.T. -0.01 min  
Lab File: BG037884.D  
Acq: 8 Nov 2018 14:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 204   | Resp: | 282566 |
| Ion      | Ratio | Lower | Upper  |
| 204      | 100   |       |        |
| 206      | 33.3  | 26.6  | 39.8   |
| 141      | 53.4  | 45.4  | 68.2   |

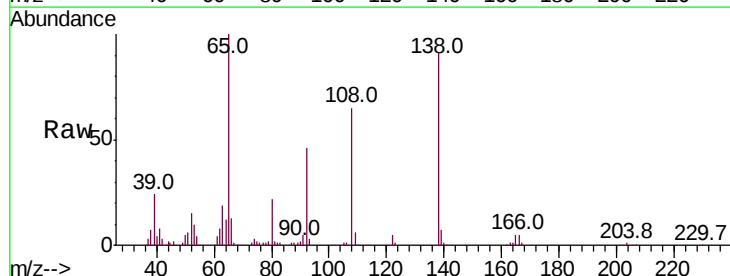


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

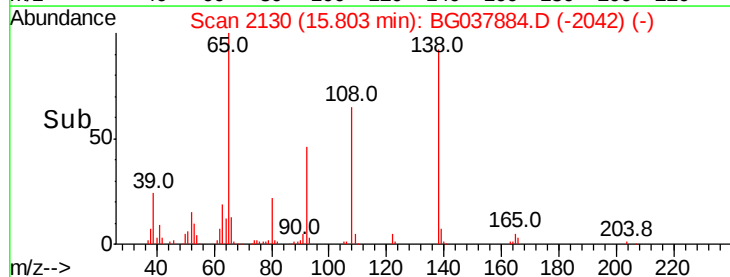
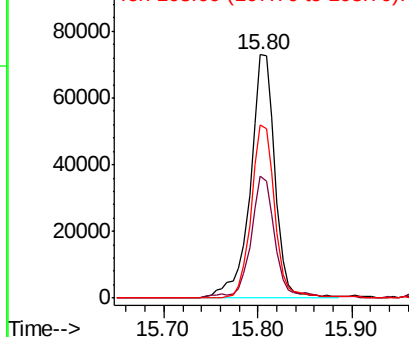


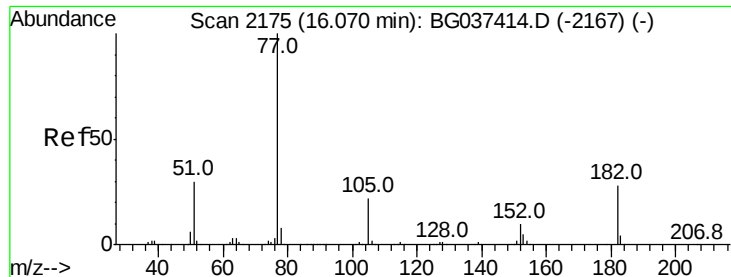
#62  
4-Nitroaniline  
Concen: 41.594 ng  
RT: 15.80 min Scan# 2130  
Delta R.T. -0.01 min  
Lab File: BG037884.D  
Acq: 8 Nov 2018 14:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 138   | Resp: | 132783 |
| Ion      | Ratio | Lower | Upper  |
| 138      | 100   |       |        |
| 92       | 50.3  | 36.4  | 76.4   |
| 108      | 71.1  | 60.1  | 100.1  |



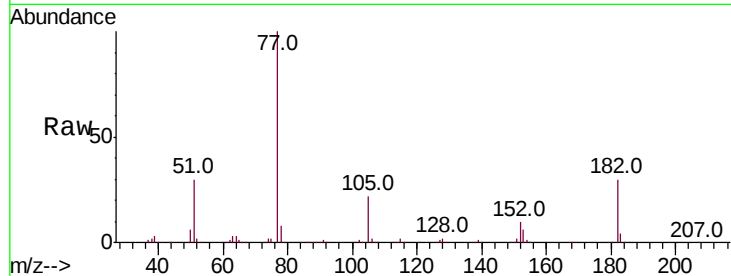
Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BG  
Ion 108.00 (107.70 to 108.70): E



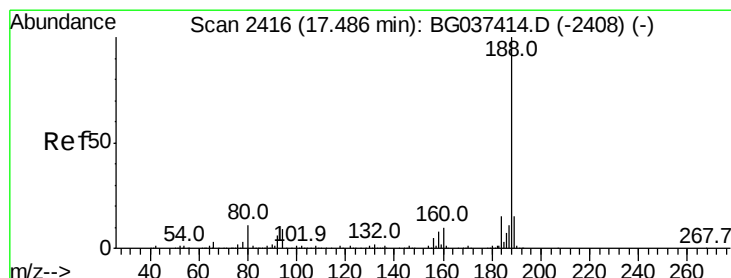
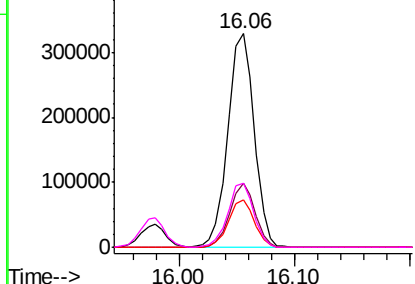
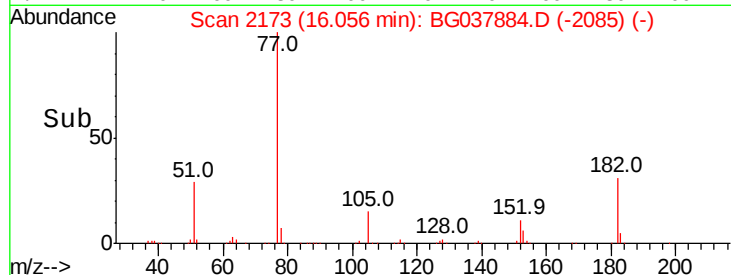


#63  
Azobenzene  
Concen: 40.548 ng  
RT: 16.06 min Scan# 2173  
Delta R.T. -0.01 min  
Lab File: BG037884.D  
Acq: 8 Nov 2018 14:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 519594 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 30.1  | 8.0   | 48.0   |
| 105      | 22.2  | 1.3   | 41.3   |
| 51       | 30.2  | 10.7  | 50.7   |

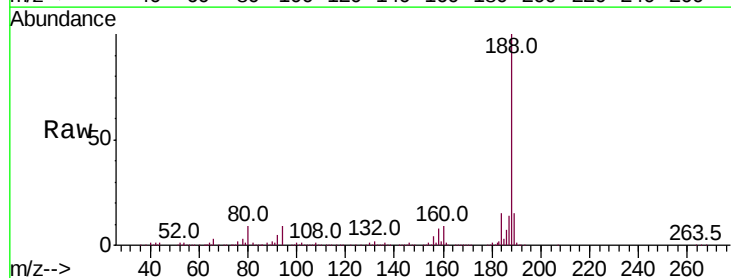


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

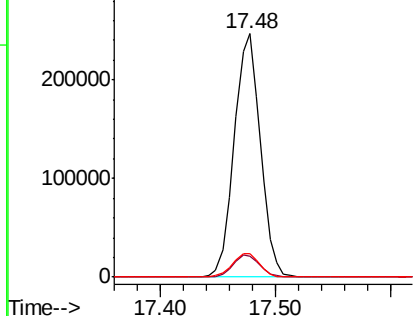
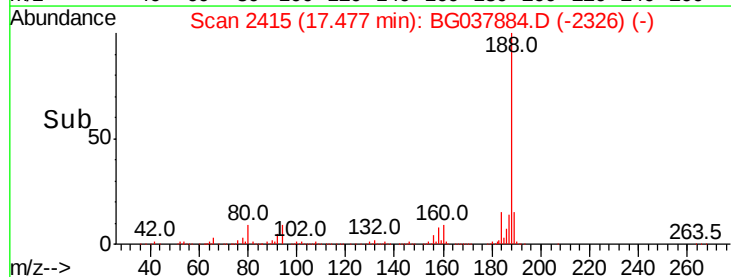


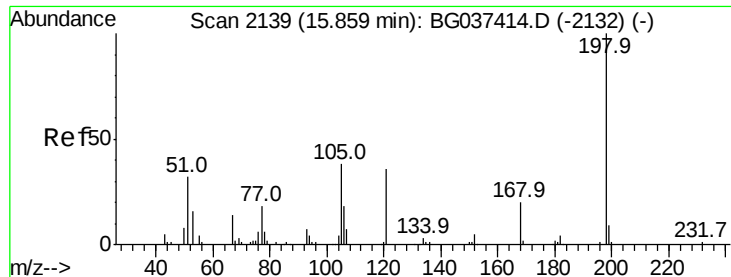
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.48 min Scan# 2415  
Delta R.T. -0.01 min  
Lab File: BG037884.D  
Acq: 8 Nov 2018 14:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 386375 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 8.8   | 7.2   | 10.8   |
| 80       | 9.5   | 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: 45.083 ng

RT: 15.85 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BG037884.D

Acq: 8 Nov 2018 14:05

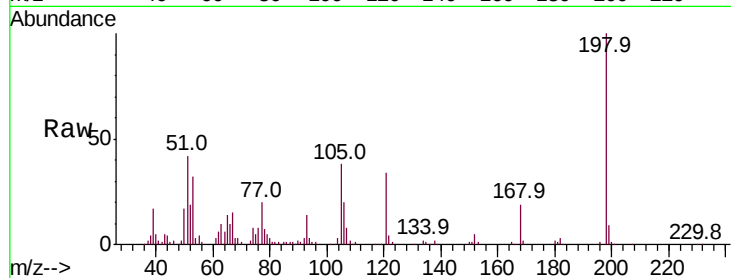
Tot Ion:198 Resp: 90132

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 41.9  | 22.7  | 62.7  |
| 105 | 37.6  | 19.7  | 59.7  |

198 100

51 41.9 22.7 62.7

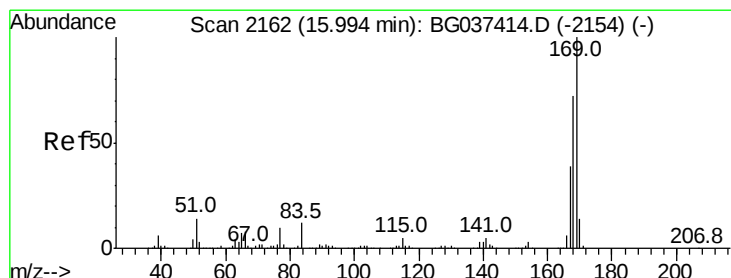
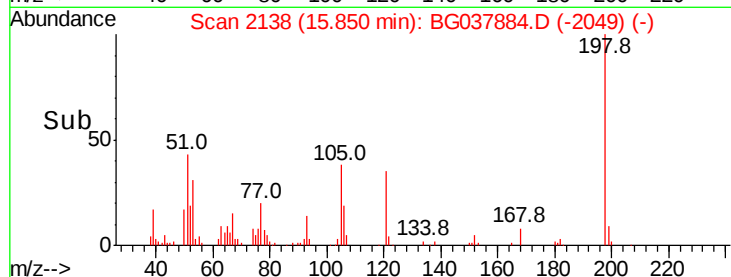
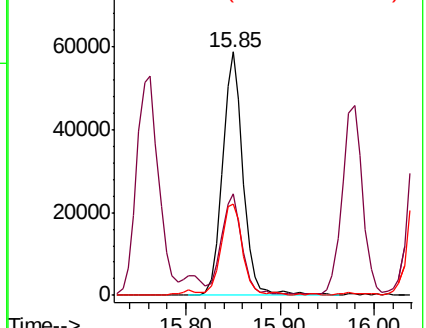
105 37.6 19.7 59.7



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: 41.312 ng

RT: 15.98 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BG037884.D

Acq: 8 Nov 2018 14:05

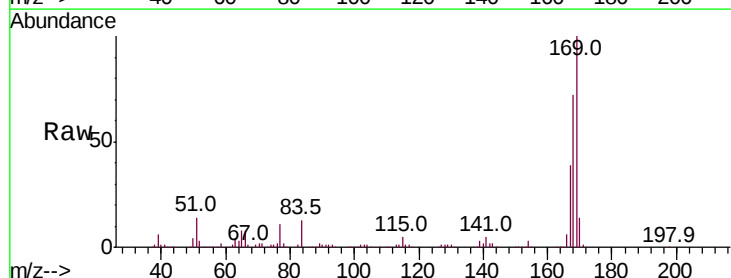
Tgt Ion:169 Resp: 480143

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 72.0  | 55.7  | 83.5  |
| 167 | 38.5  | 31.3  | 46.9  |

169 100

168 72.0 55.7 83.5

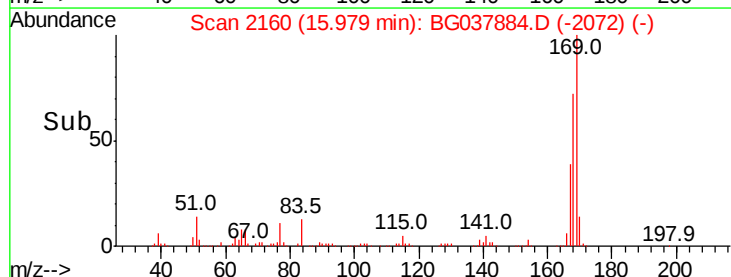
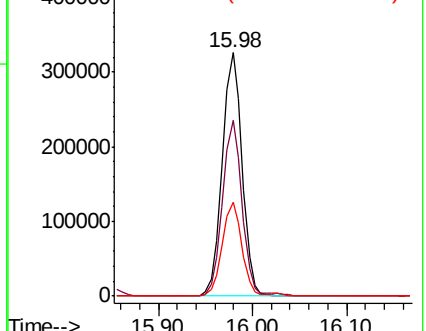
167 38.5 31.3 46.9

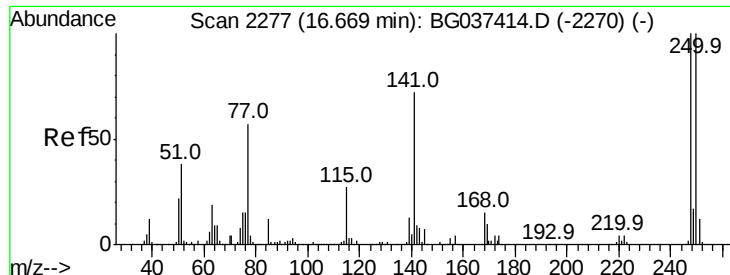


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

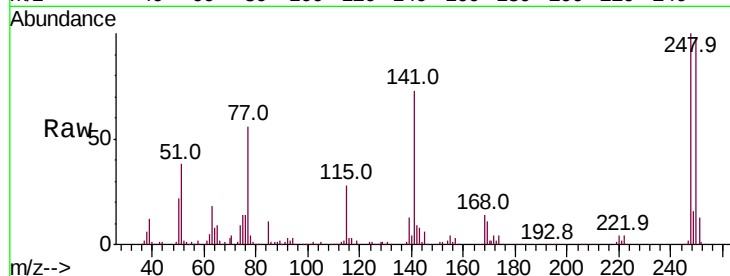
Ion 167.00 (166.70 to 167.70): E



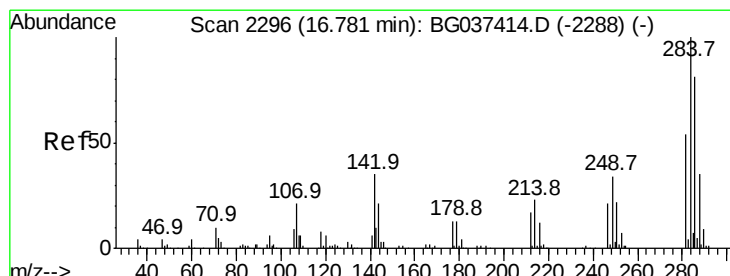
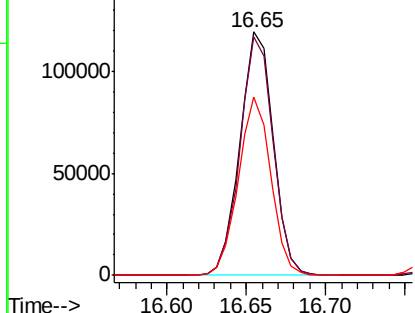
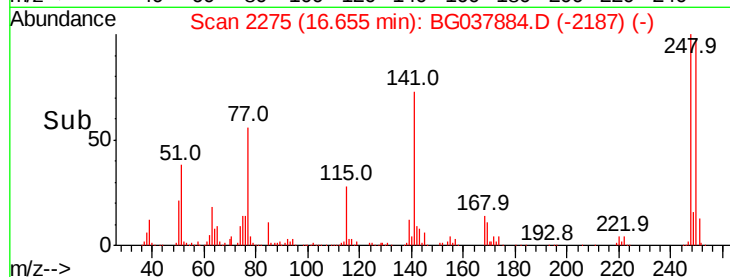


#67  
 4-Bromophenyl-phenylether  
 Concen: 40.976 ng  
 RT: 16.65 min Scan# 2275  
 Delta R.T. -0.01 min  
 Lab File: BG037884.D  
 Acq: 8 Nov 2018 14:05

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.2  | 77.0  | 115.6 |
| 141     | 73.0  | 55.5  | 83.3  |

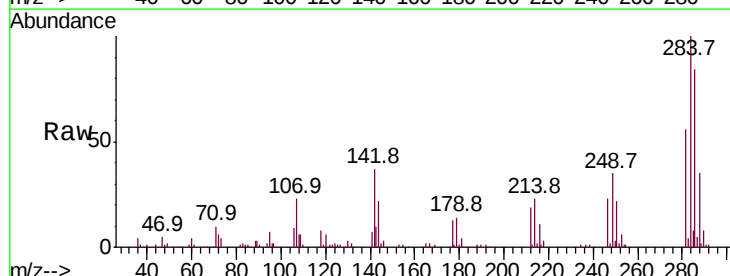


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

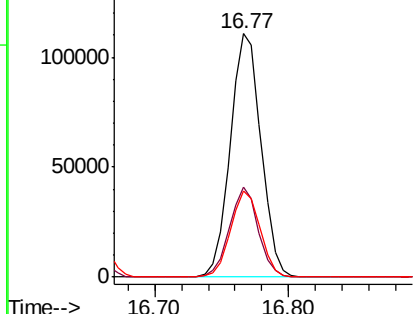
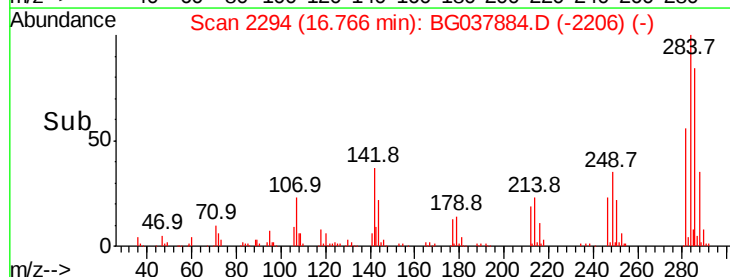


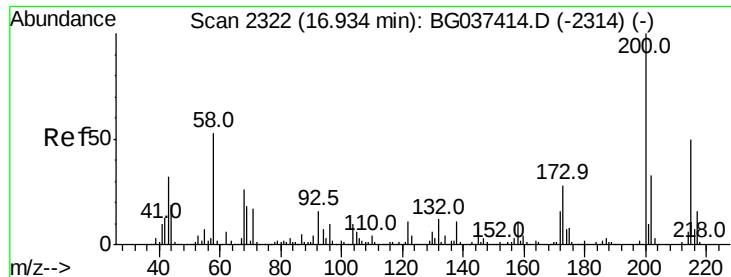
#68  
 Hexachlorobenzene  
 Concen: 40.228 ng  
 RT: 16.77 min Scan# 2294  
 Delta R.T. -0.01 min  
 Lab File: BG037884.D  
 Acq: 8 Nov 2018 14:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 36.8  | 28.1  | 42.1  |
| 249     | 37.8  | 29.8  | 44.8  |



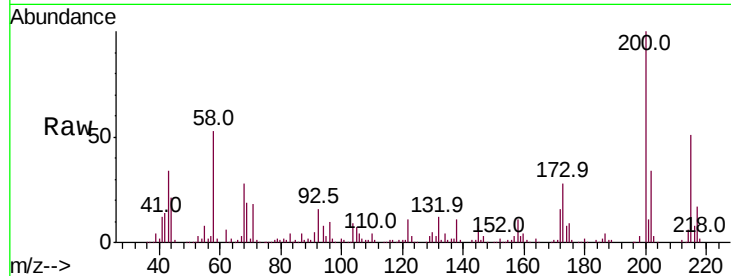
Abundance Ion 283.80 (283.50 to 284.50): E  
 Ion 142.00 (141.70 to 142.70): E  
 Ion 249.00 (248.70 to 249.70): E



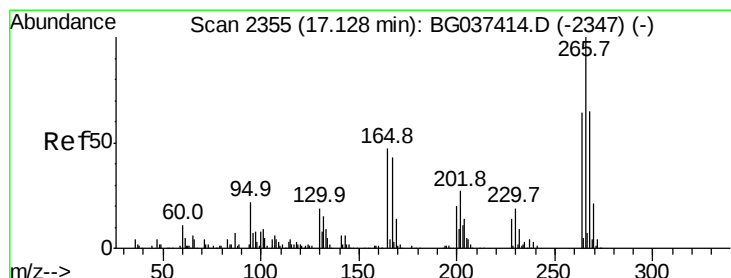
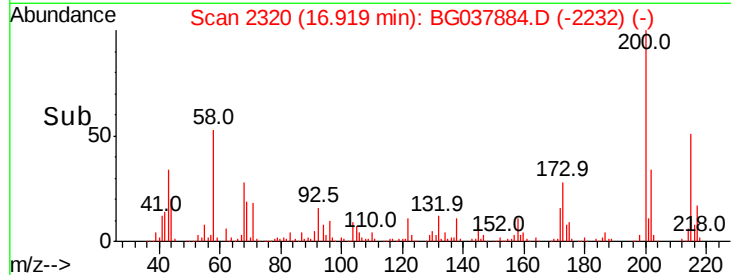
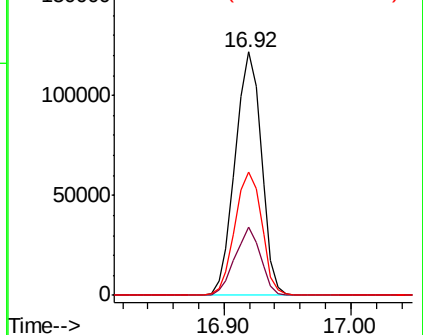


#69  
Atrazine  
Concen: 41.670 ng  
RT: 16.92 min Scan# 2320  
Delta R.T. -0.01 min  
Lab File: BG037884.D  
Acq: 8 Nov 2018 14:05

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 28.0  | 6.1   | 46.1  |
| 215     | 50.8  | 30.8  | 70.8  |

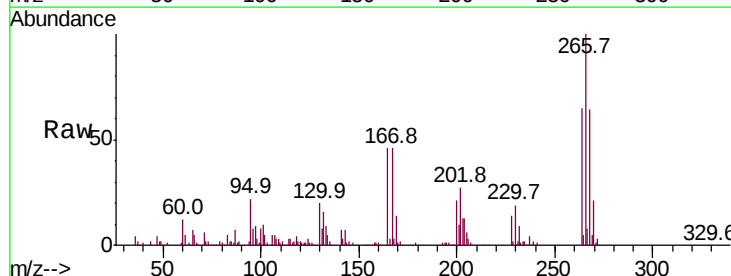


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

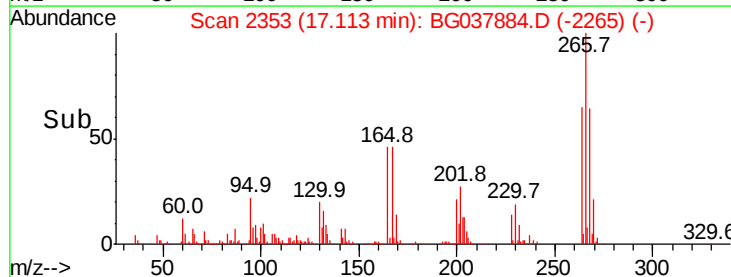
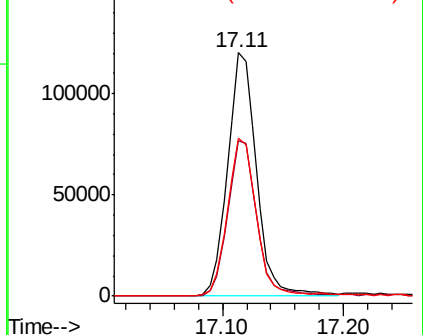


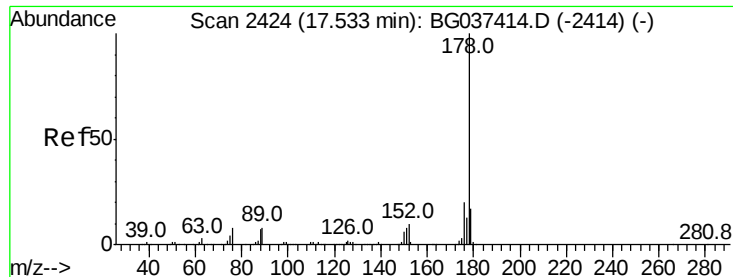
#70  
Pentachlorophenol  
Concen: 68.018 ng  
RT: 17.11 min Scan# 2353  
Delta R.T. -0.01 min  
Lab File: BG037884.D  
Acq: 8 Nov 2018 14:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 68.6  | 55.0  | 82.6  |
| 264     | 70.3  | 58.9  | 88.3  |



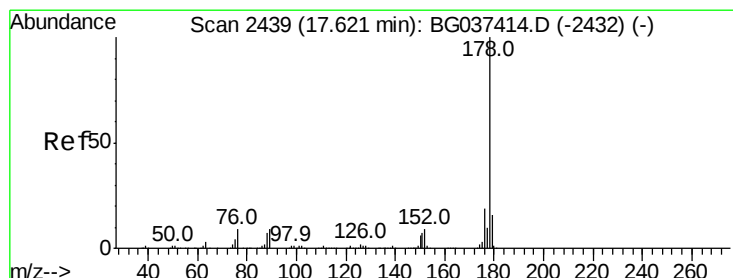
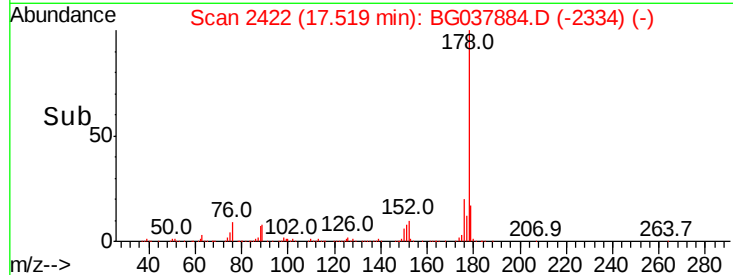
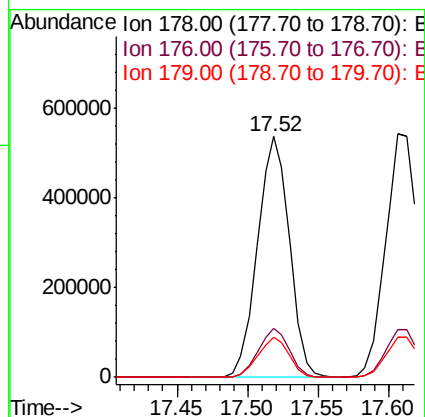
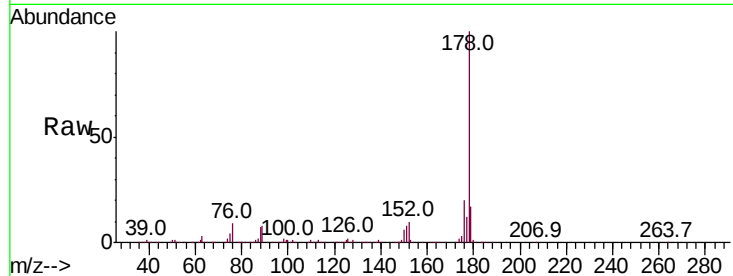
Abundance Ion 265.70 (265.40 to 266.40): E  
Ion 268.00 (267.70 to 268.70): E  
Ion 264.00 (263.70 to 264.70): E





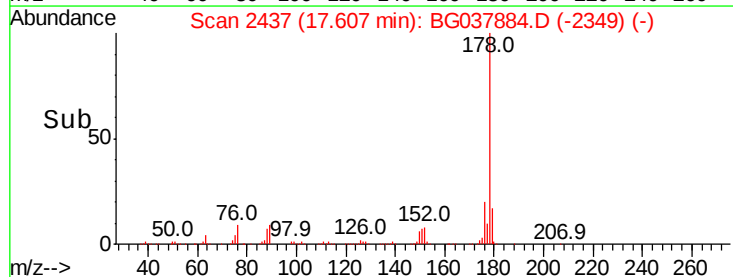
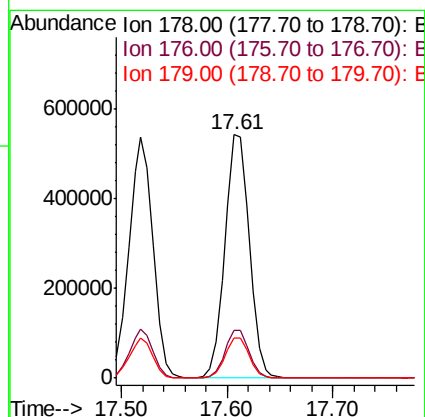
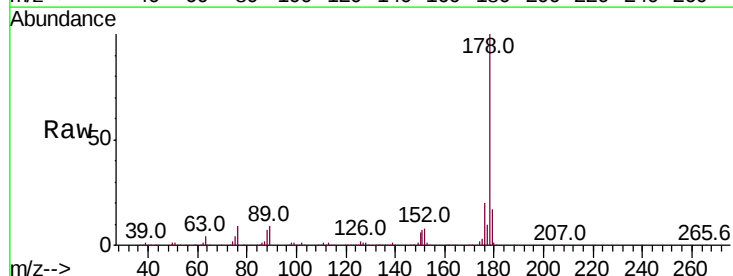
#71  
Phenanthrene  
Concen: 43.312 ng  
RT: 17.52 min Scan# 2422  
Delta R.T. -0.01 min  
Lab File: BG037884.D  
Acq: 8 Nov 2018 14:05

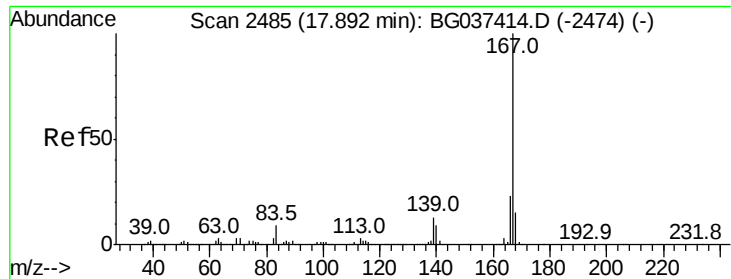
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.1  | 16.1  | 24.1  |
| 179     | 16.8  | 13.0  | 19.4  |



#72  
Anthracene  
Concen: 45.102 ng  
RT: 17.61 min Scan# 2437  
Delta R.T. -0.01 min  
Lab File: BG037884.D  
Acq: 8 Nov 2018 14:05

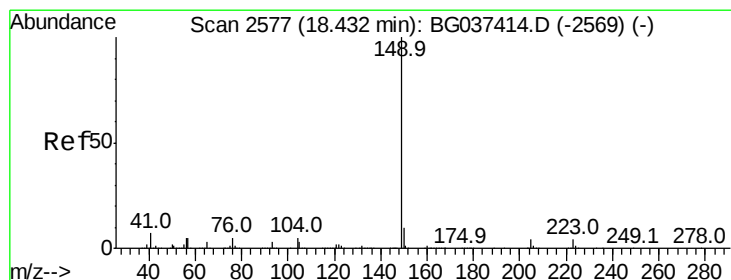
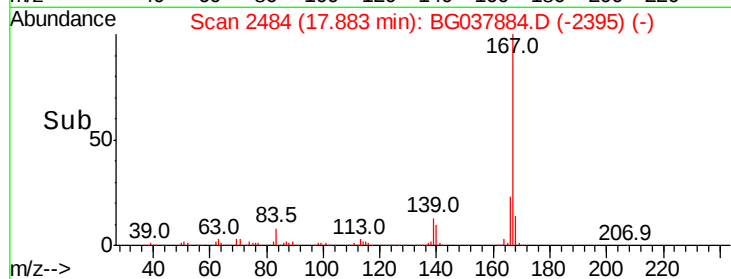
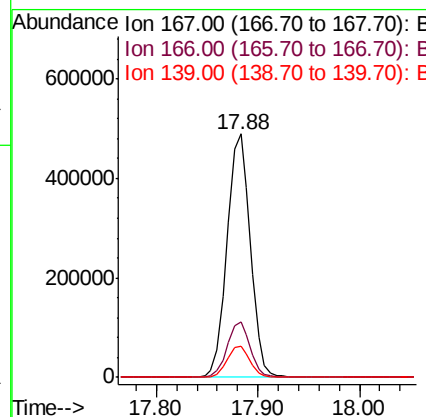
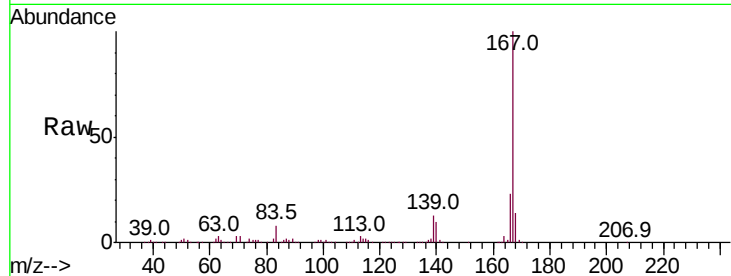
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.8  | 15.0  | 22.4  |
| 179     | 16.6  | 12.8  | 19.2  |





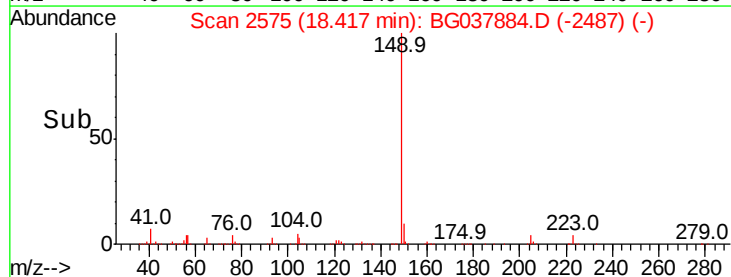
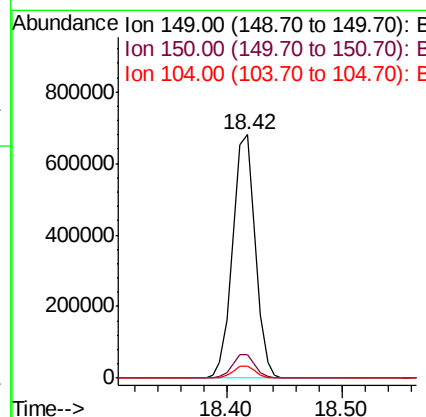
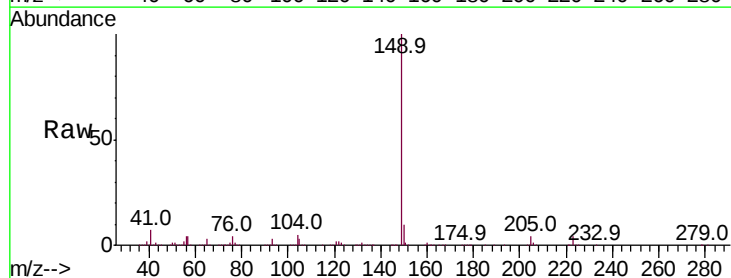
#73  
 Carbazole  
 Concen: 40.541 ng  
 RT: 17.88 min Scan# 2484  
 Delta R.T. -0.01 min  
 Lab File: BG037884.D  
 Acq: 8 Nov 2018 14:05

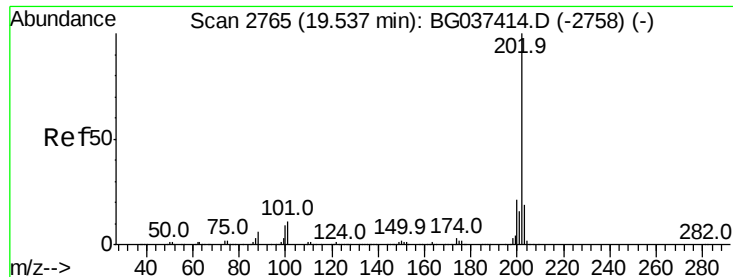
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.8  | 18.3  | 27.5  |
| 139     | 12.8  | 10.5  | 15.7  |



#74  
 Di-n-butylphthalate  
 Concen: 43.050 ng  
 RT: 18.42 min Scan# 2575  
 Delta R.T. -0.01 min  
 Lab File: BG037884.D  
 Acq: 8 Nov 2018 14:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.6   | 8.2   | 12.2  |
| 104     | 4.8   | 4.0   | 6.0   |





#75

Fluoranthene

Concen: 43.974 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.01 min

Lab File: BG037884.D

Acq: 8 Nov 2018 14:05

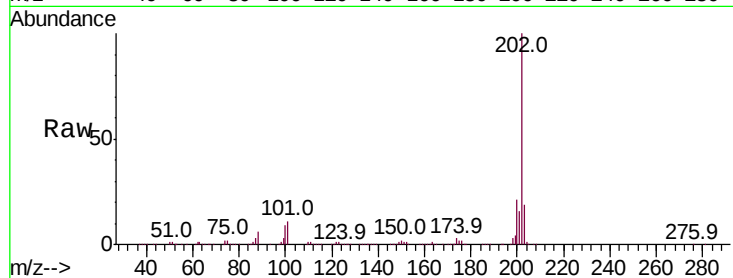
Tot Ion:202 Resp: 979384

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.7

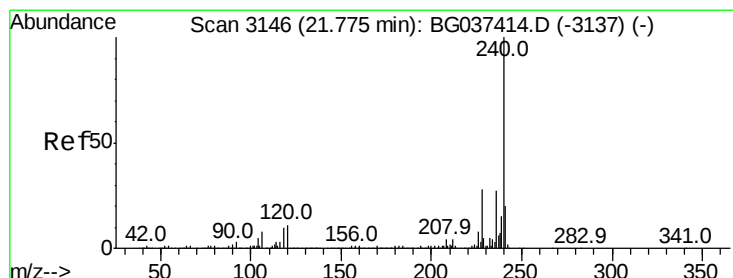
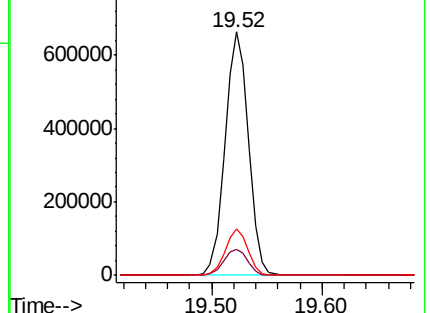
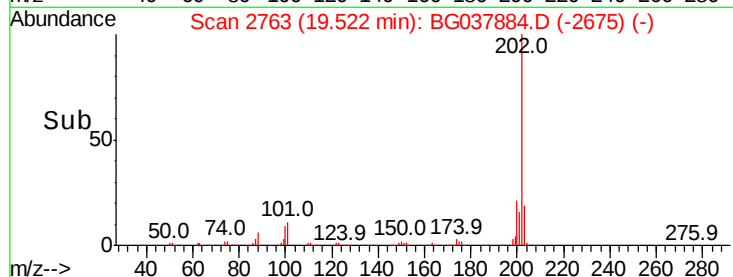
203 18.9 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG037884.D

Acq: 8 Nov 2018 14:05

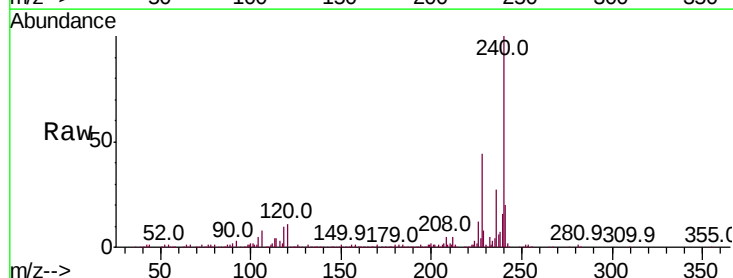
Tgt Ion:240 Resp: 340980

Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

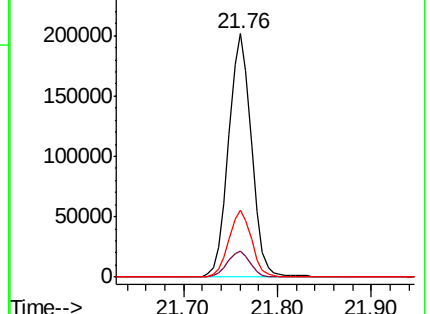
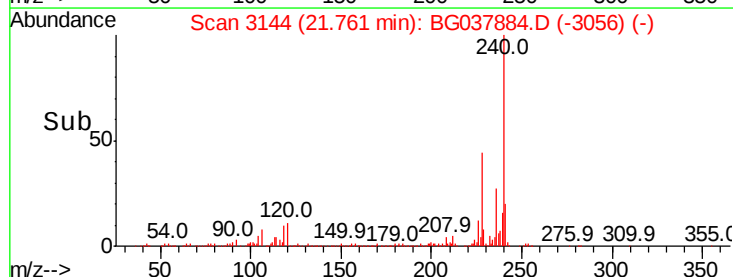
236 27.4 21.4 32.0

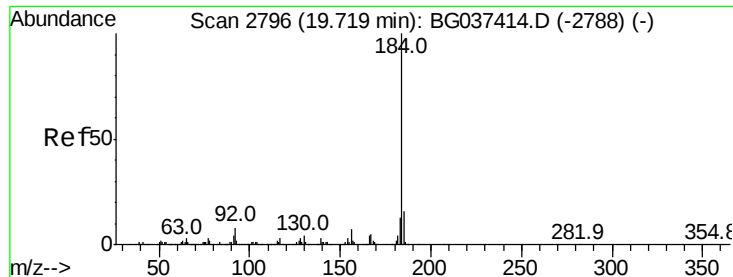


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.555 ng

RT: 19.70 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BG037884.D

Acq: 8 Nov 2018 14:05

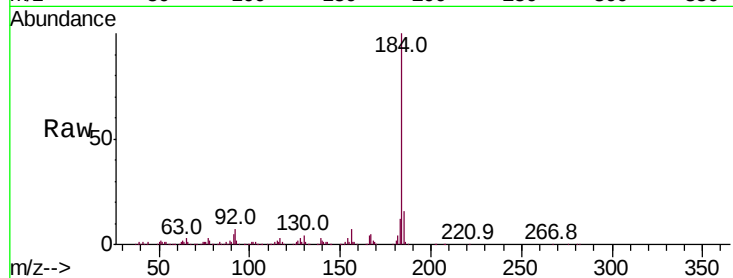
Tot Ion:184 Resp: 423825

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 15.9  | 12.6  | 18.8  |
| 183 | 12.5  | 10.2  | 15.2  |

184 100

185 15.9 12.6 18.8

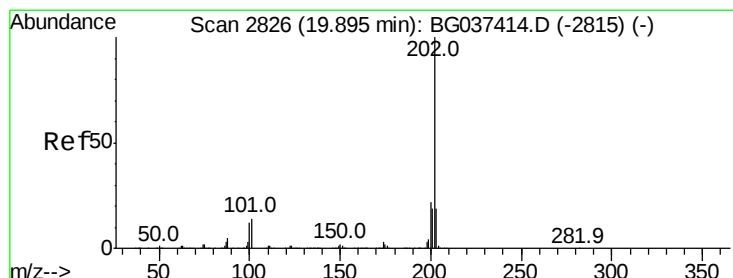
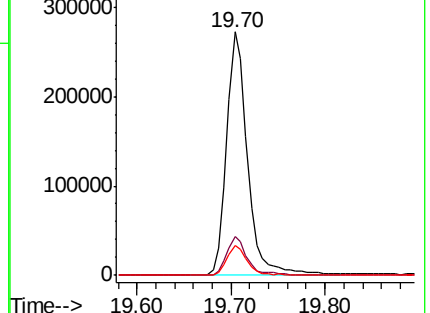
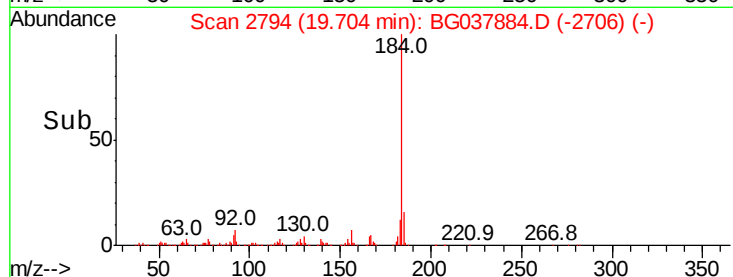
183 12.5 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.092 ng

RT: 19.89 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BG037884.D

Acq: 8 Nov 2018 14:05

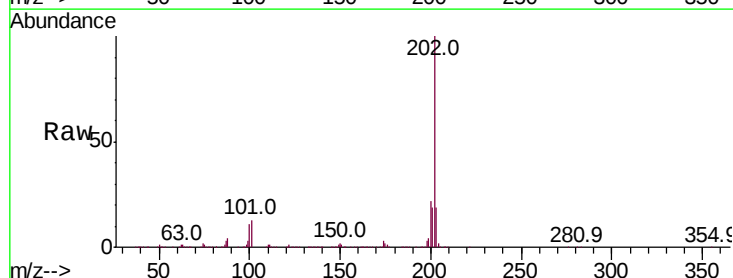
Tgt Ion:202 Resp: 960528

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 22.5  | 17.8  | 26.6  |
| 203 | 19.5  | 15.2  | 22.8  |

202 100

200 22.5 17.8 26.6

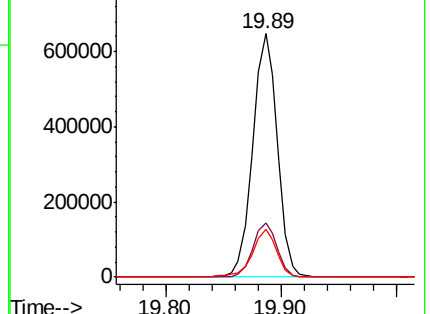
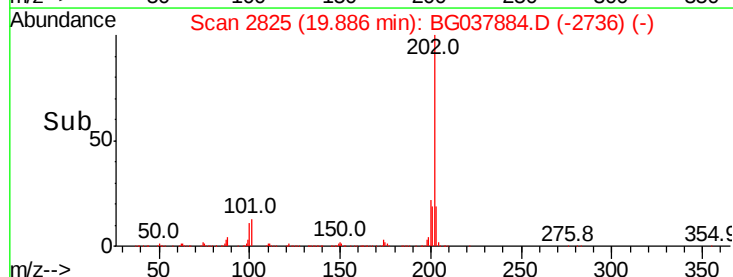
203 19.5 15.2 22.8

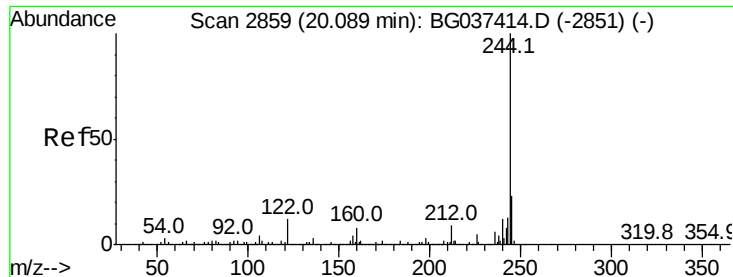


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.475 ng

RT: 20.07 min Scan# 2857

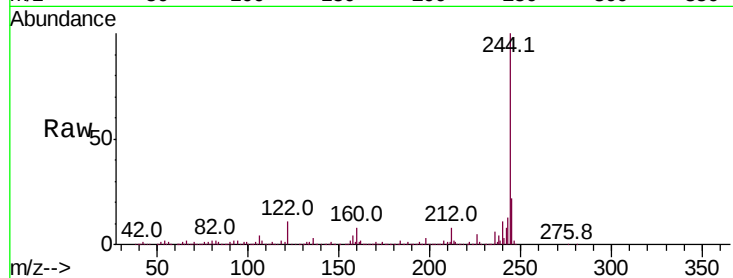
Delta R.T. -0.01 min

Lab File: BG037884.D

Acq: 8 Nov 2018 14:05

Tot Ion:244 Resp: 1236321

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 8.2   | 6.5   | 9.7   |
| 122 | 10.7  | 9.0   | 13.4  |

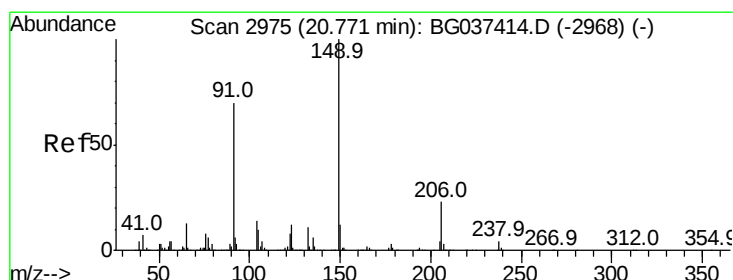
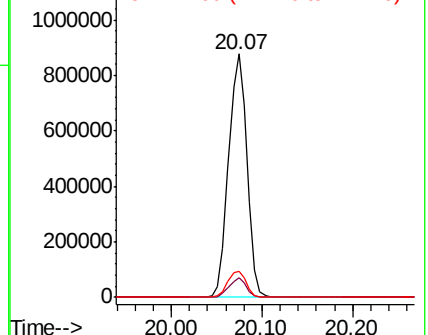
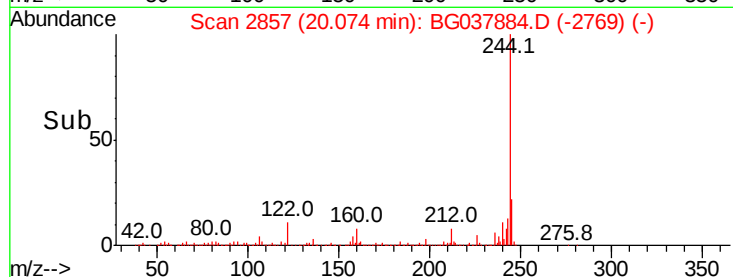


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.293 ng

RT: 20.76 min Scan# 2973

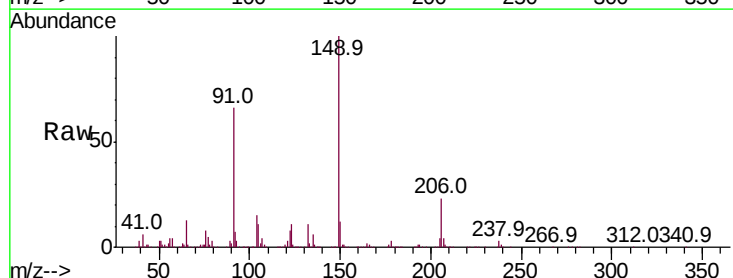
Delta R.T. -0.01 min

Lab File: BG037884.D

Acq: 8 Nov 2018 14:05

Tgt Ion:149 Resp: 422312

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 66.3  | 57.0  | 85.4  |
| 206 | 23.1  | 17.8  | 26.6  |

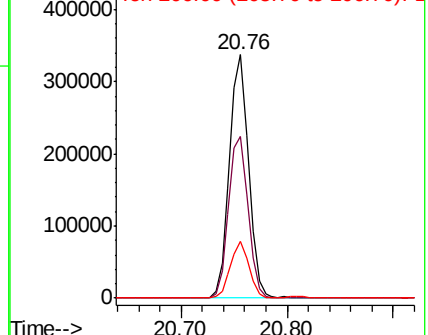
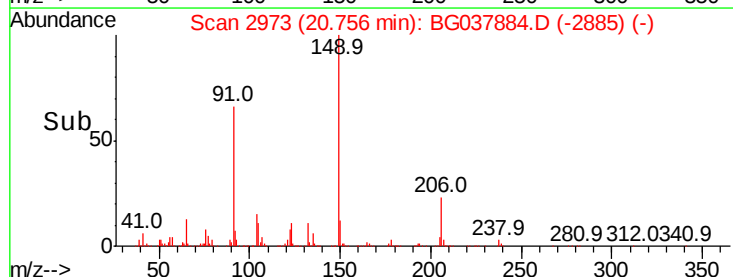


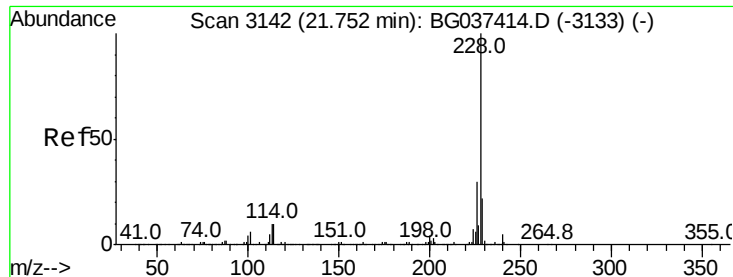
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

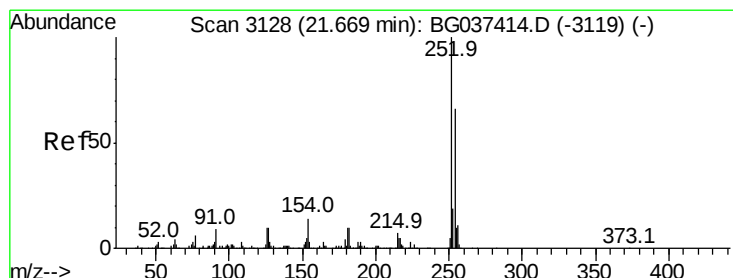
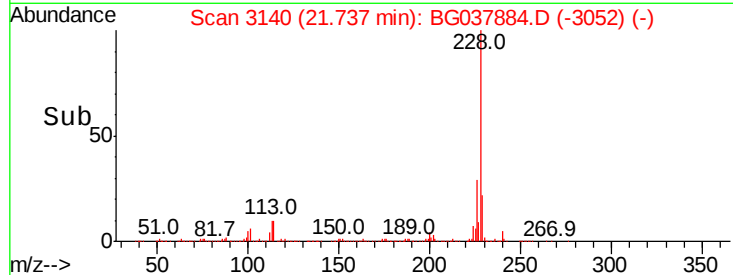
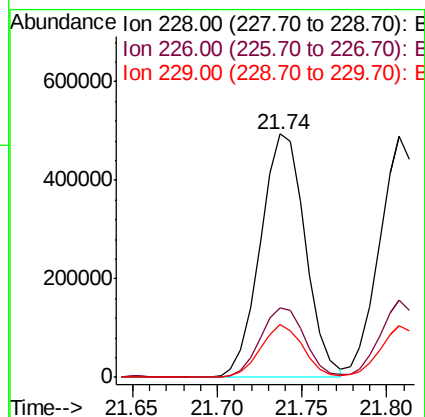
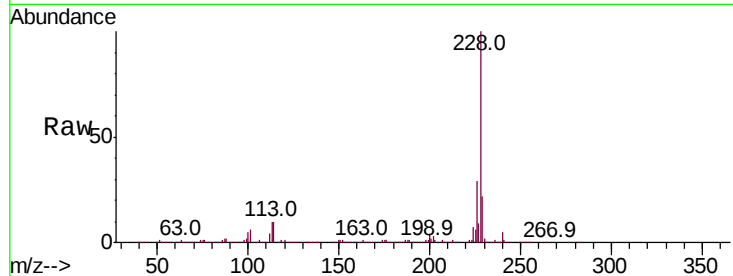
Ion 206.00 (205.70 to 206.70): E





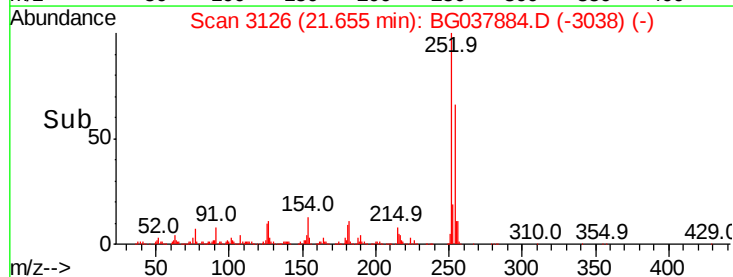
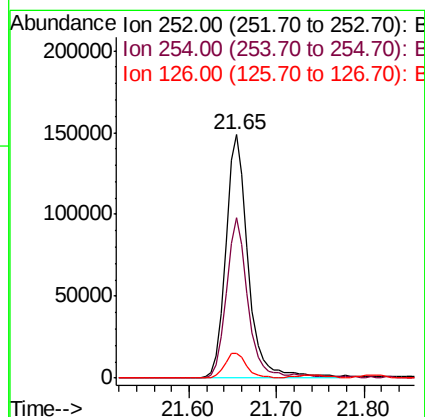
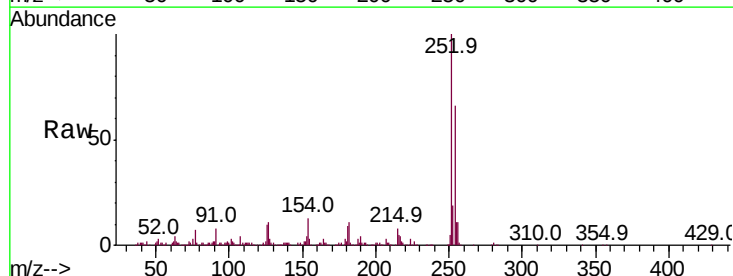
#81  
Benzo(a)anthracene  
Concen: 45.117 ng  
RT: 21.74 min Scan# 3140  
Delta R.T. -0.01 min  
Lab File: BG037884.D  
Acq: 8 Nov 2018 14:05

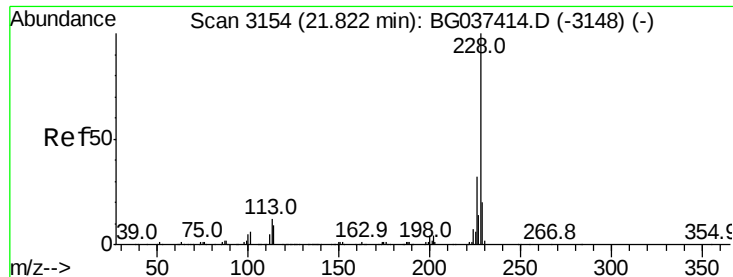
|     |         |       |        |
|-----|---------|-------|--------|
| Tot | Ion:228 | Resp: | 909950 |
| Ion | Ratio   | Lower | Upper  |
| 228 | 100     |       |        |
| 226 | 28.7    | 22.6  | 33.8   |
| 229 | 21.6    | 16.3  | 24.5   |



#82  
3,3'-Dichlorobenzidine  
Concen: 33.485 ng  
RT: 21.65 min Scan# 3126  
Delta R.T. -0.01 min  
Lab File: BG037884.D  
Acq: 8 Nov 2018 14:05

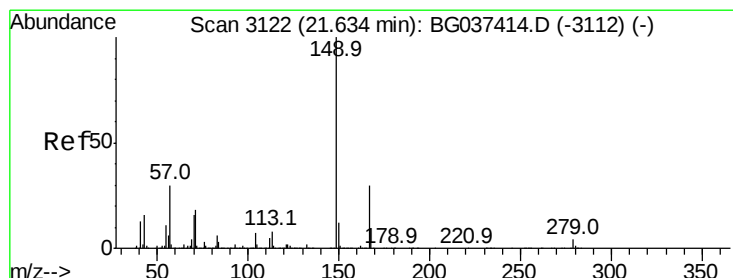
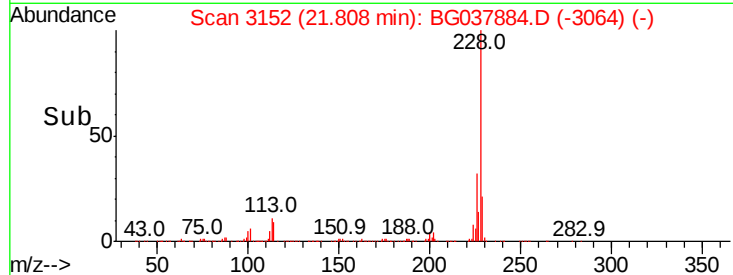
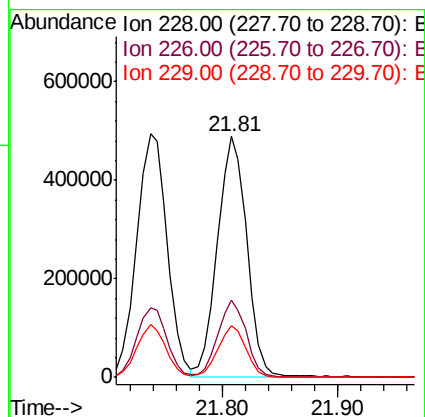
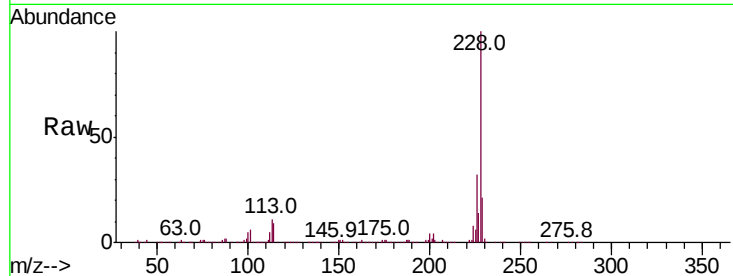
|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:252 | Resp: | 261769 |
| Ion | Ratio   | Lower | Upper  |
| 252 | 100     |       |        |
| 254 | 65.9    | 52.0  | 78.0   |
| 126 | 10.1    | 8.2   | 12.4   |





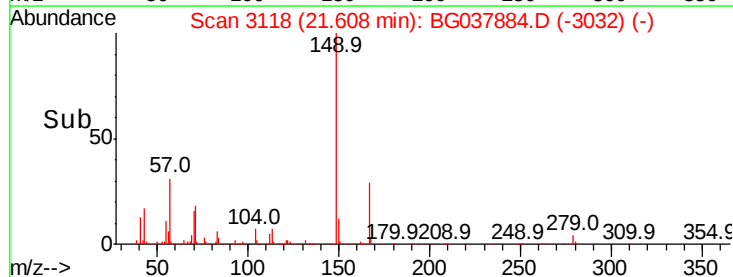
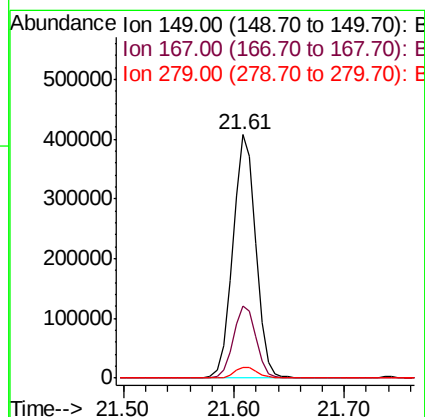
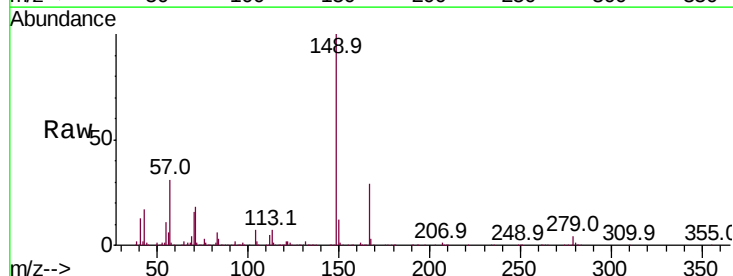
#83  
 Chrysene  
 Concen: 44.161 ng  
 RT: 21.81 min Scan# 3152  
 Delta R.T. -0.01 min  
 Lab File: BG037884.D  
 Acq: 8 Nov 2018 14:05

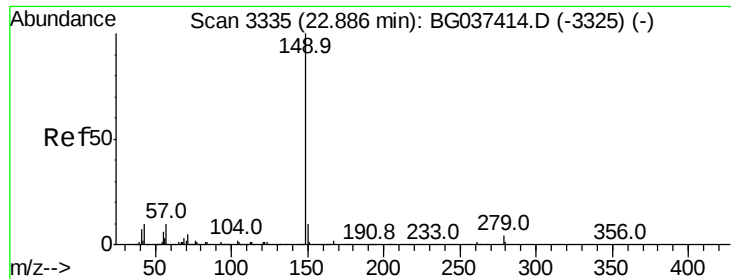
|             |       |             |
|-------------|-------|-------------|
| Tot Ion:228 | Resp: | 856446      |
| Ion         | Ratio | Lower Upper |
| 228         | 100   |             |
| 226         | 31.9  | 25.7 38.5   |
| 229         | 21.2  | 16.5 24.7   |



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 46.297 ng  
 RT: 21.61 min Scan# 3118  
 Delta R.T. -0.03 min  
 Lab File: BG037884.D  
 Acq: 8 Nov 2018 14:05

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:149 | Resp: | 592005      |
| Ion         | Ratio | Lower Upper |
| 149         | 100   |             |
| 167         | 29.4  | 23.0 34.4   |
| 279         | 4.4   | 3.6 5.4     |





#85

Di-n-octyl phthalate

Concen: 47.638 ng

RT: 22.85 min Scan# 3330

Delta R.T. -0.03 min

Lab File: BG037884.D

Acq: 8 Nov 2018 14:05

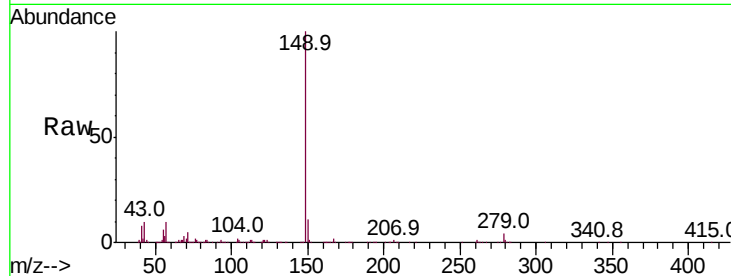
Tot Ion:149 Resp: 993331

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

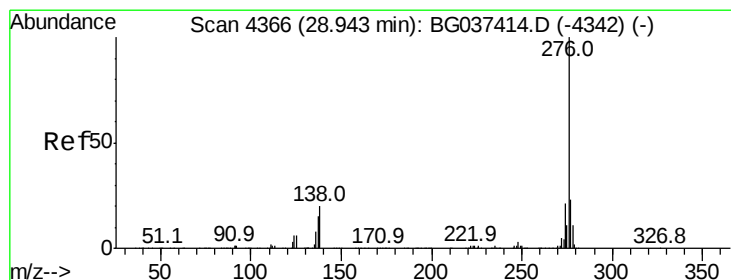
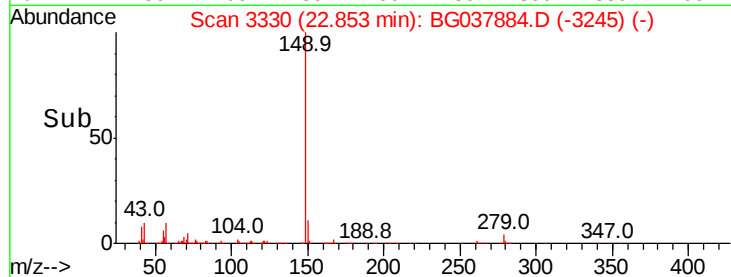
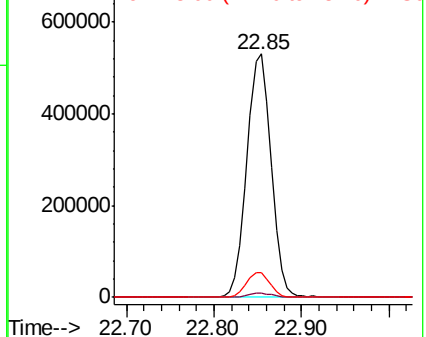
43 9.9 8.7 13.1



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: 40.108 ng

RT: 28.90 min Scan# 4359

Delta R.T. -0.04 min

Lab File: BG037884.D

Acq: 8 Nov 2018 14:05

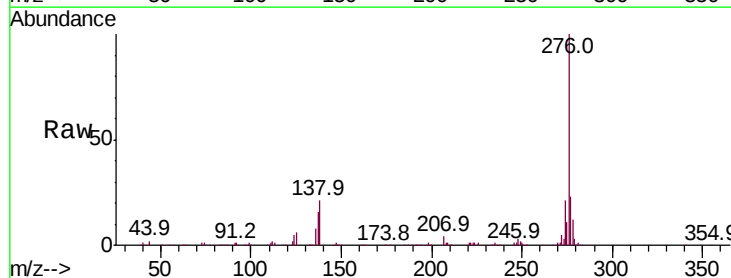
Tgt Ion:276 Resp: 834274

Ion Ratio Lower Upper

276 100

138 24.6 12.0 18.0#

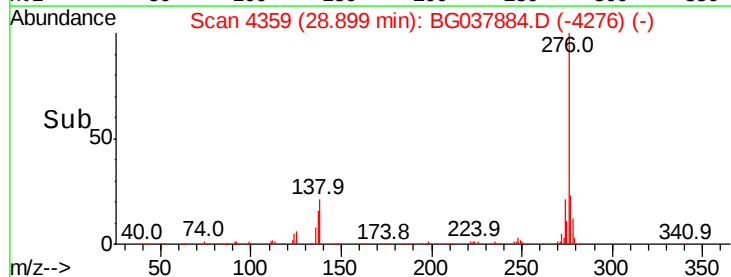
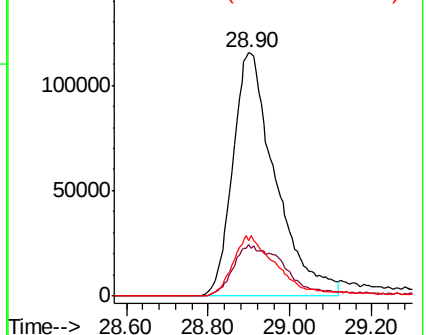
277 25.2 20.6 30.8

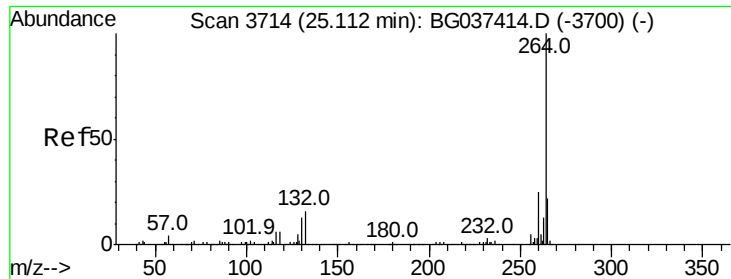


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3710

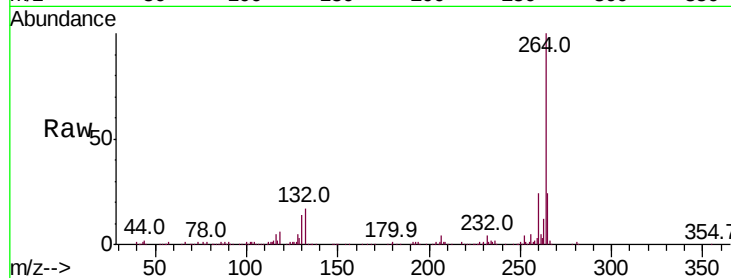
Delta R.T. -0.03 min

Lab File: BG037884.D

Acq: 8 Nov 2018 14:05

Tot Ion:264 Resp: 330649

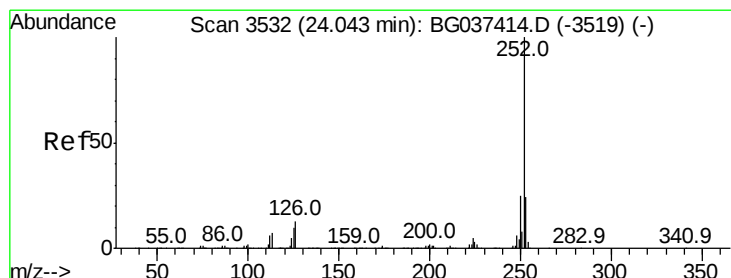
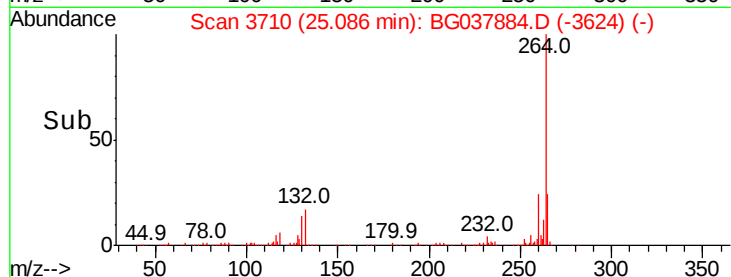
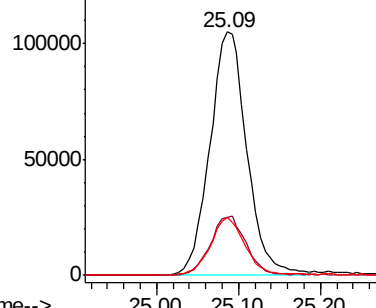
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.9  | 18.2  | 27.4  |
| 265 | 24.0  | 17.9  | 26.9  |



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: 49.177 ng

RT: 24.02 min Scan# 3529

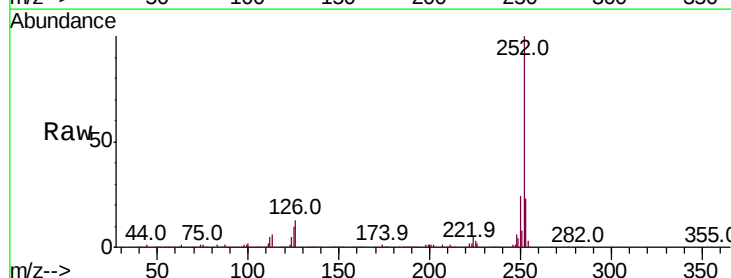
Delta R.T. -0.02 min

Lab File: BG037884.D

Acq: 8 Nov 2018 14:05

Tgt Ion:252 Resp: 891445

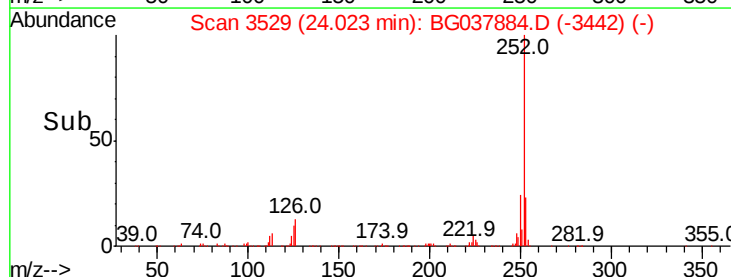
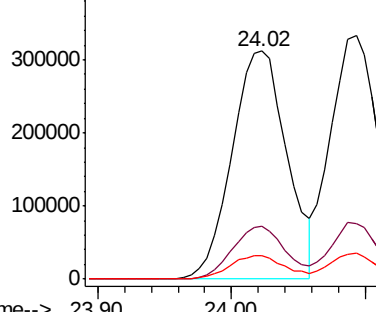
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.3  | 18.2  | 27.2  |
| 125 | 10.1  | 7.8   | 11.6  |

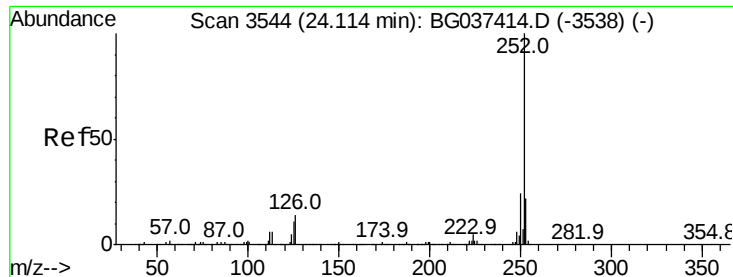


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

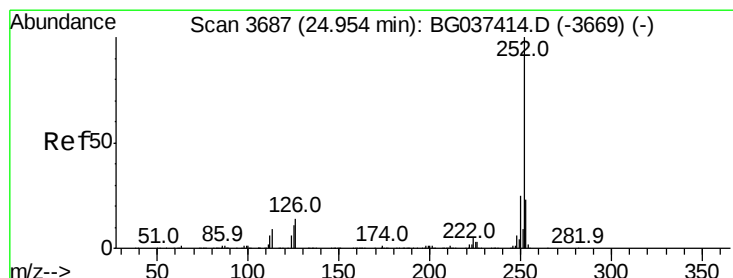
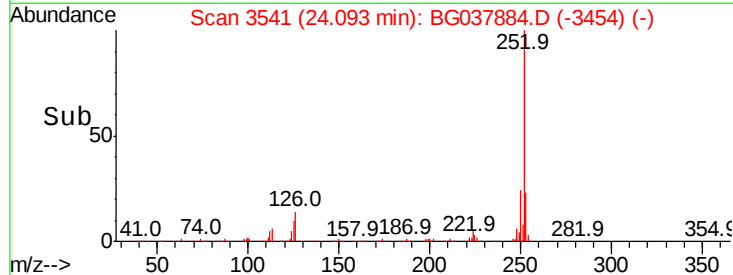
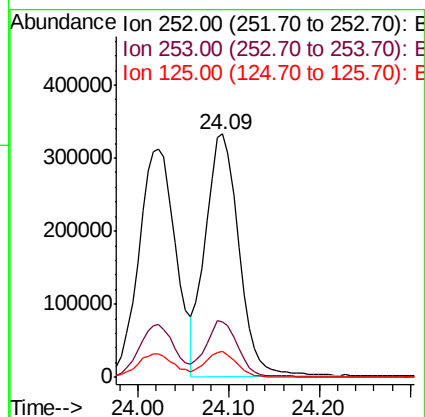
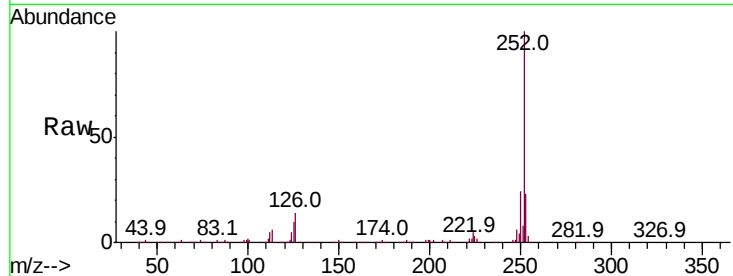
Ion 125.00 (124.70 to 125.70): E





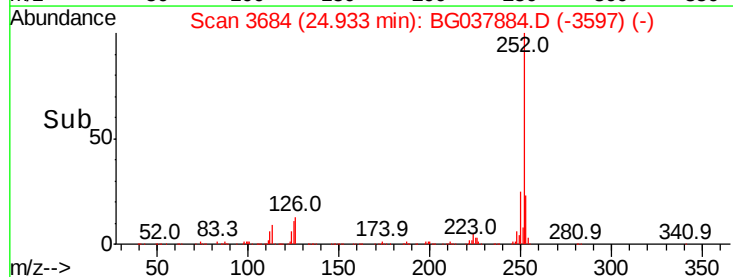
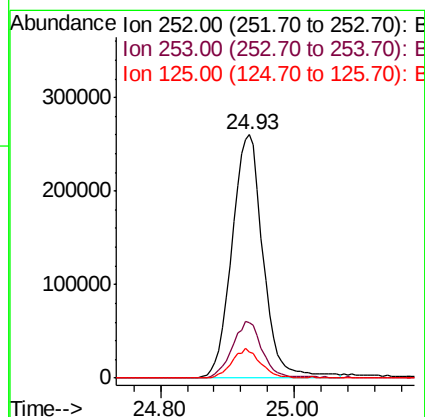
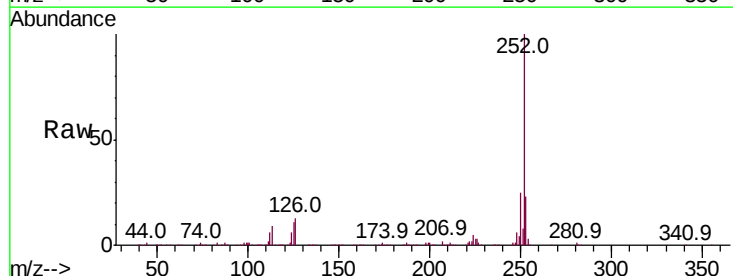
#89  
Benzo(k)fluoranthene  
Concen: 47.892 ng  
RT: 24.09 min Scan# 3541  
Delta R.T. -0.02 min  
Lab File: BG037884.D  
Acq: 8 Nov 2018 14:05

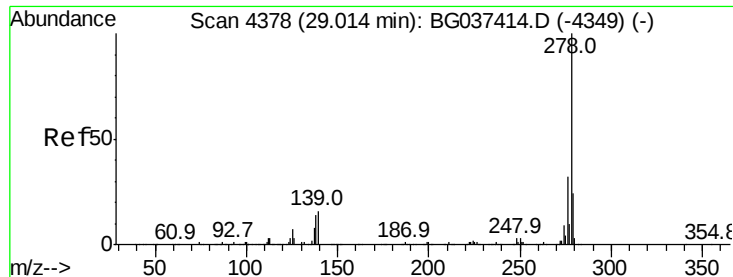
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.6  | 17.4  | 26.2  |
| 125     | 10.5  | 7.4   | 11.0  |



#90  
Benzo(a)pyrene  
Concen: 48.824 ng  
RT: 24.93 min Scan# 3684  
Delta R.T. -0.02 min  
Lab File: BG037884.D  
Acq: 8 Nov 2018 14:05

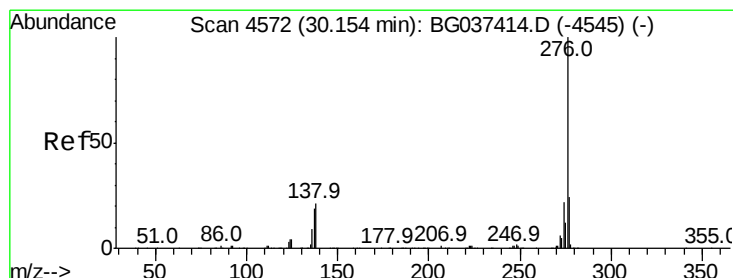
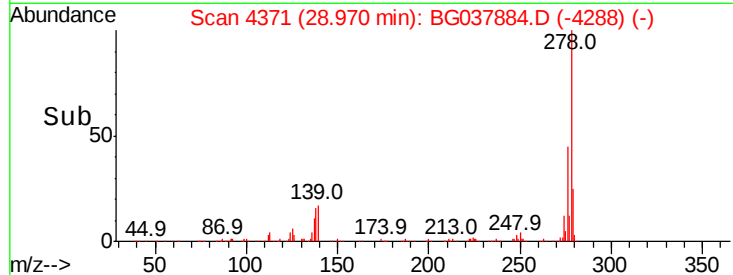
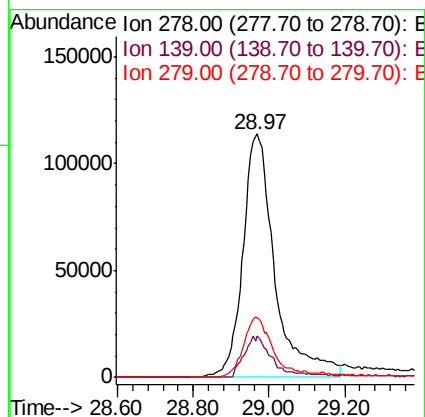
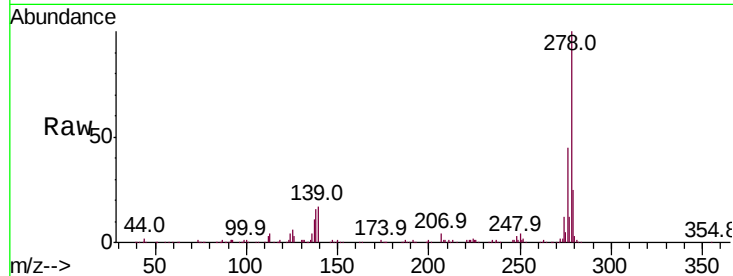
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.6  | 17.4  | 26.2  |
| 125     | 10.7  | 9.0   | 13.6  |





#91  
Dibenzo(a,h)anthracene  
Concen: 42.252 ng  
RT: 28.97 min Scan# 4371  
Delta R.T. -0.04 min  
Lab File: BG037884.D  
Acq: 8 Nov 2018 14:05

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.8  | 11.5  | 17.3  |
| 279     | 24.6  | 18.6  | 27.8  |



#92  
Benzo(g,h,i)perylene  
Concen: 44.437 ng  
RT: 30.11 min Scan# 4565  
Delta R.T. -0.04 min  
Lab File: BG037884.D  
Acq: 8 Nov 2018 14:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 25.0  | 18.9  | 28.3  |
| 138     | 22.5  | 17.2  | 25.8  |

