

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110818\  
 Data File : BG037883.D  
 Acq On : 8 Nov 2018 13:26  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 09 14:36:34 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  | 61193    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.91 | 136  | 278548   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 14.73 | 164  | 177761   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 17.47 | 188  | 395568   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 21.76 | 240  | 353190   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 25.09 | 264  | 362694   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.64  | 112 | 281602  | 76.94 | ng | -0.01 |
| 7) Phenol-d6             | 7.24  | 99  | 419344  | 75.77 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 9.27  | 82  | 401907  | 80.83 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 16.22 | 330 | 155837  | 80.38 | ng | -0.01 |
| 45) 2-Fluorobiphenyl     | 13.35 | 172 | 943627  | 80.05 | ng | -0.02 |
| 79) Terphenyl-d14        | 20.08 | 244 | 1325085 | 80.17 | ng | -0.01 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.53  | 88  | 68860  | 37.098 | ng | 97     |
| 3) Pyridine                    | 3.93  | 79  | 171208 | 36.595 | ng | 95     |
| 4) n-Nitrosodimethylamine      | 3.85  | 42  | 63254  | 37.959 | ng | # 89   |
| 6) Aniline                     | 7.42  | 93  | 260550 | 38.589 | ng | 98     |
| 8) 2-Chlorophenol              | 7.65  | 128 | 166455 | 38.874 | ng | 99     |
| 9) Benzaldehyde                | 7.23  | 77  | 115982 | 33.500 | ng | 96     |
| 10) Phenol                     | 7.26  | 94  | 225338 | 38.588 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.51  | 93  | 170718 | 38.491 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 7.98  | 146 | 187532 | 39.340 | ng | 94     |
| 13) 1,4-Dichlorobenzene        | 8.13  | 146 | 191133 | 39.198 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.45  | 146 | 182001 | 38.802 | ng | 97     |
| 15) Benzyl Alcohol             | 8.33  | 79  | 153161 | 37.452 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.61  | 45  | 305909 | 38.547 | ng | 97     |
| 17) 2-Methylphenol             | 8.53  | 107 | 148715 | 38.520 | ng | 98     |
| 18) Hexachloroethane           | 9.18  | 117 | 68465  | 41.186 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 8.90  | 70  | 143413 | 37.629 | ng | 93     |
| 20) 3+4-Methylphenols          | 8.85  | 107 | 216438 | 39.211 | ng | 99     |
| 22) Acetophenone               | 8.93  | 105 | 269493 | 38.577 | ng | # 96   |
| 24) Nitrobenzene               | 9.31  | 77  | 206069 | 39.893 | ng | 91     |
| 25) Isophorone                 | 9.83  | 82  | 352464 | 38.795 | ng | 98     |
| 26) 2-Nitrophenol              | 10.02 | 139 | 108094 | 46.451 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 10.07 | 122 | 162601 | 39.135 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.31 | 93  | 233380 | 39.207 | ng | 96     |
| 29) 2,4-Dichlorophenol         | 10.55 | 162 | 188929 | 40.840 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.77 | 180 | 205422 | 40.833 | ng | 96     |
| 31) Naphthalene                | 10.96 | 128 | 541251 | 39.561 | ng | 100    |
| 32) Benzoic acid               | 10.19 | 122 | 115385 | 42.757 | ng | 98     |
| 33) 4-Chloroaniline            | 11.08 | 127 | 254444 | 39.581 | ng | 96     |
| 34) Hexachlorobutadiene        | 11.23 | 225 | 123239 | 41.333 | ng | 96     |
| 35) Caprolactam                | 11.87 | 113 | 71562  | 38.571 | ng | 93     |
| 36) 4-Chloro-3-methylphenol    | 12.18 | 107 | 205636 | 39.415 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.56 | 142 | 396487 | 39.755 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.78 | 142 | 379477 | 39.180 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.92 | 216 | 241547 | 42.127 | ng | 100    |

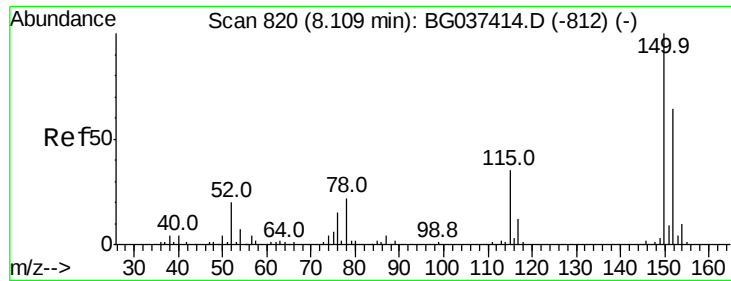
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110818\  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 18 14:06:42 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.89 | 237  | 121251   | 44.270 | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 13.16 | 196  | 160209   | 41.823 | nq    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.23 | 196  | 167179   | 40.084 | nq    | 98       |
| 46) 1,1'-Biphenyl              | 13.56 | 154  | 592276   | 40.232 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 13.61 | 162  | 447284   | 40.160 | nq    | 98       |
| 48) 2-Nitroaniline             | 13.82 | 65   | 142157   | 42.090 | nq    | 96       |
| 49) Acenaphthylene             | 14.45 | 152  | 673299   | 40.187 | nq    | 100      |
| 50) Dimethylphthalate          | 14.18 | 163  | 537313   | 39.072 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.31 | 165  | 126887   | 41.709 | nq    | 95       |
| 52) Acenaphthene               | 14.80 | 154  | 407810   | 39.523 | nq    | 97       |
| 53) 3-Nitroaniline             | 14.64 | 138  | 137222   | 40.631 | nq    | # 93     |
| 54) 2,4-Dinitrophenol          | 14.84 | 184  | 46619    | 47.700 | nq    | 97       |
| 55) Dibenzofuran               | 15.12 | 168  | 668416   | 39.099 | nq    | 99       |
| 56) 4-Nitrophenol              | 14.93 | 139  | 90808    | 36.325 | nq    | 98       |
| 57) 2,4-Dinitrotoluene         | 15.09 | 165  | 172325   | 43.152 | nq    | 96       |
| 58) Fluorene                   | 15.77 | 166  | 495724   | 38.722 | nq    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.35 | 232  | 138657   | 38.829 | nq    | 99       |
| 60) Diethylphthalate           | 15.53 | 149  | 549620   | 38.929 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.76 | 204  | 291959   | 39.127 | nq    | 97       |
| 62) 4-Nitroaniline             | 15.81 | 138  | 135440   | 40.359 | nq    | 89       |
| 63) Azobenzene                 | 16.05 | 77   | 515979   | 38.304 | nq    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.85 | 198  | 87721    | 43.277 | nq    | 99       |
| 66) n-Nitrosodiphenylamine     | 15.98 | 169  | 487802   | 40.996 | nq    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.66 | 248  | 178376   | 41.063 | nq    | 99       |
| 68) Hexachlorobenzene          | 16.77 | 284  | 180279   | 40.043 | nq    | 94       |
| 69) Atrazine                   | 16.92 | 200  | 165471   | 38.464 | nq    | 99       |
| 70) Pentachlorophenol          | 17.12 | 266  | 117220   | 38.870 | nq    | 99       |
| 71) Phenanthrene               | 17.52 | 178  | 799144   | 39.750 | nq    | 99       |
| 72) Anthracene                 | 17.61 | 178  | 795725   | 40.332 | nq    | 99       |
| 73) Carbazole                  | 17.88 | 167  | 796806   | 40.375 | nq    | 100      |
| 74) Di-n-butylphthalate        | 18.41 | 149  | 901245   | 41.052 | nq    | 100      |
| 75) Fluoranthene               | 19.52 | 202  | 908608   | 39.848 | nq    | 99       |
| 77) Benzidine                  | 19.71 | 184  | 458237   | 38.157 | nq    | 99       |
| 78) Pyrene                     | 19.88 | 202  | 927508   | 40.172 | nq    | 100      |
| 80) Butylbenzylphthalate       | 20.75 | 149  | 403467   | 42.698 | nq    | 99       |
| 81) Benzo(a)anthracene         | 21.74 | 228  | 847535   | 40.570 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.66 | 252  | 328820   | 40.608 | nq    | 100      |
| 83) Chrysene                   | 21.81 | 228  | 818819   | 40.761 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.61 | 149  | 573869   | 43.327 | nq    | 97       |
| 85) Di-n-octyl phthalate       | 22.85 | 149  | 953827   | 44.162 | nq    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.91 | 276  | 774843   | 35.963 | nq    | 98       |
| 88) Benzo(b)fluoranthene       | 24.02 | 252  | 800431   | 40.255 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 24.09 | 252  | 814630   | 41.816 | nq    | 98       |
| 90) Benzo(a)pyrene             | 24.93 | 252  | 777117   | 41.129 | nq    | 100      |
| 91) Dibenzo(a,h)anthracene     | 28.97 | 278  | 592704   | 34.007 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 30.11 | 276  | 630982   | 35.785 | nq    | 98       |

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

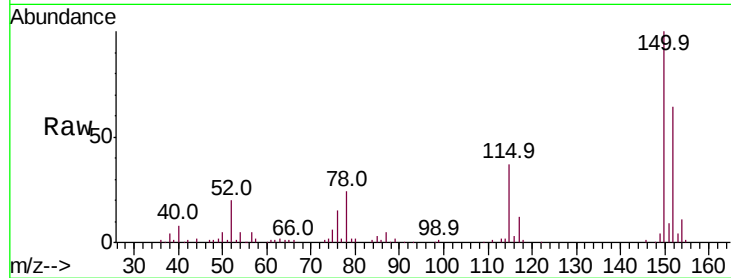




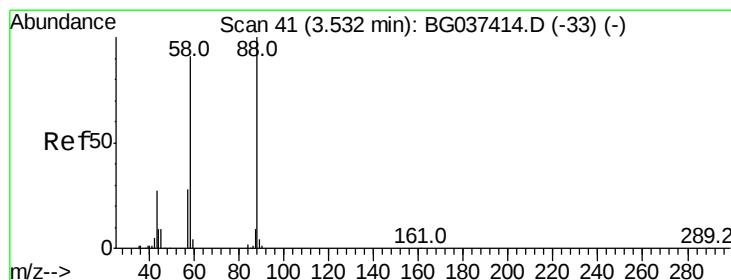
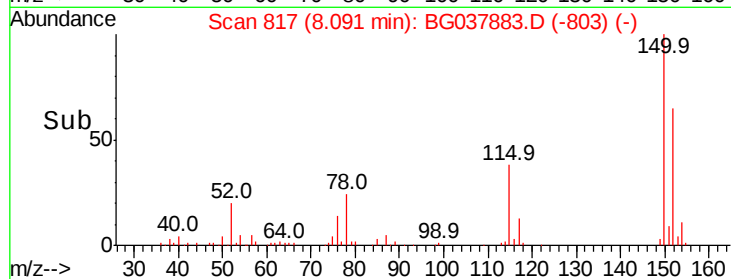
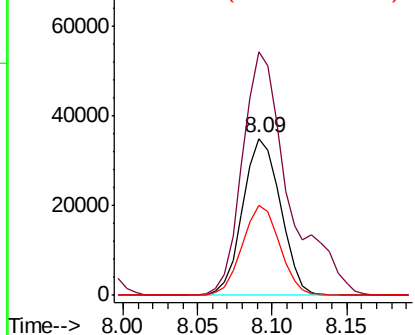
#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.09 min Scan# 817  
Delta R.T. -0.02 min  
Lab File: BG037883.D  
Acq: 8 Nov 2018 13:26

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.5 | 126.0 | 189.0 |
| 115     | 57.7  | 45.5  | 68.3  |



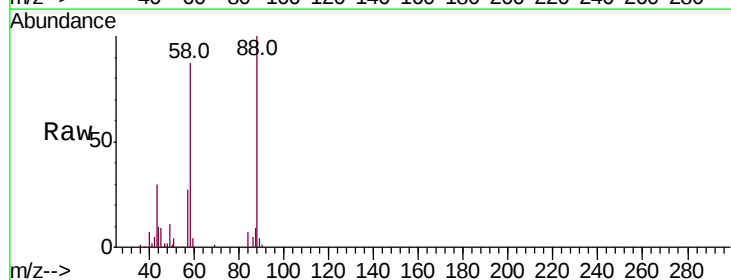
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



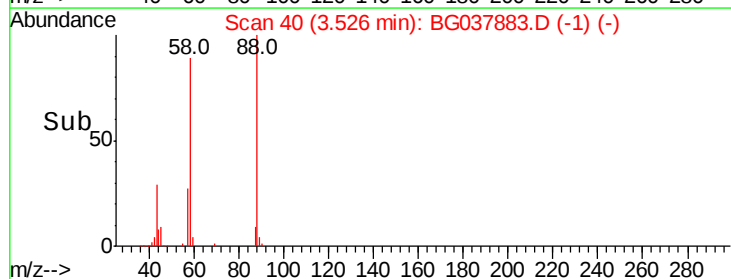
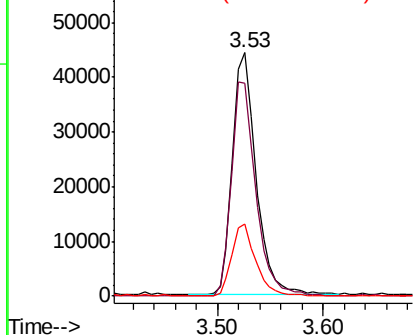
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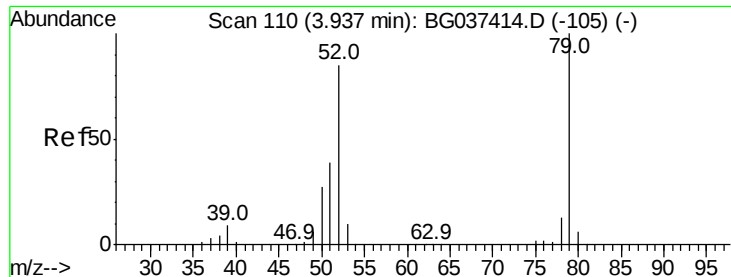
1,4-Dioxane  
Concen: 37.098 ng  
RT: 3.53 min Scan# 40  
Delta R.T. -0.01 min  
Lab File: BG037883.D  
Acq: 8 Nov 2018 13:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 90.6  | 74.4  | 111.6 |
| 43      | 29.7  | 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: 36.595 ng

RT: 3.93 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

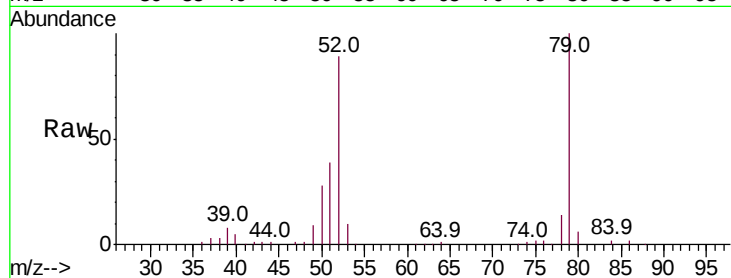
Tot Ion: 79 Resp: 171208

Ion Ratio Lower Upper

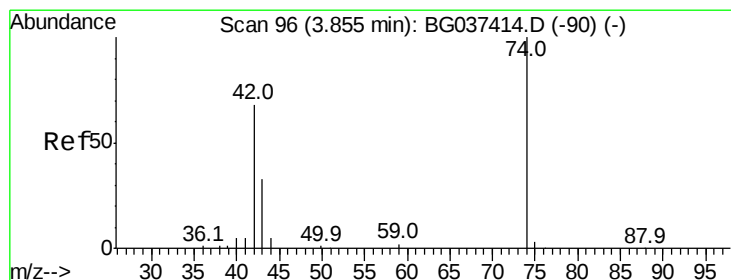
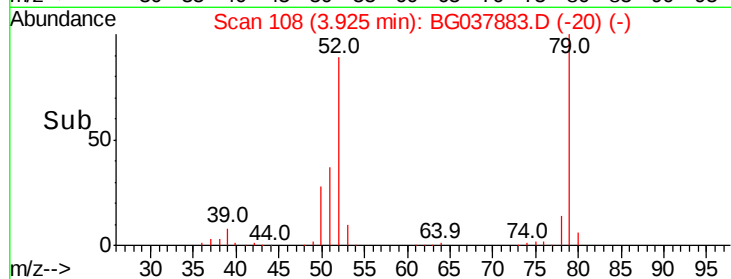
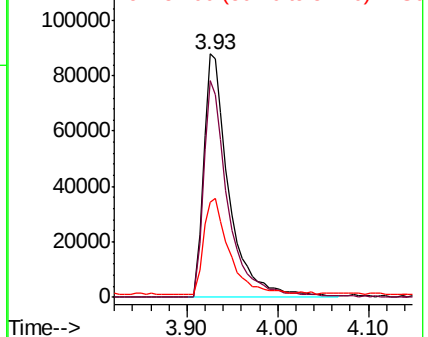
79 100

52 89.0 74.2 111.2

51 39.1 34.6 51.8



Abundance Ion 79.00 (78.70 to 79.70): BGC  
120000  
Ion 52.00 (51.70 to 52.70): BGC  
100000  
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 37.959 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.01 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

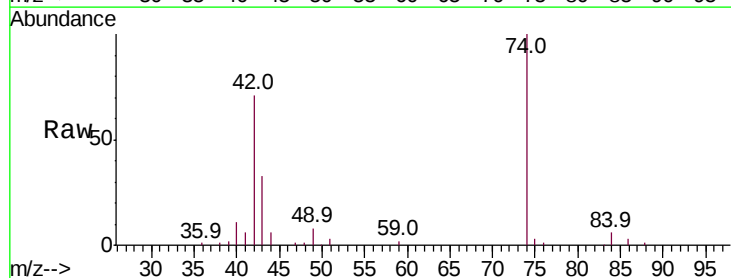
Tgt Ion: 42 Resp: 63254

Ion Ratio Lower Upper

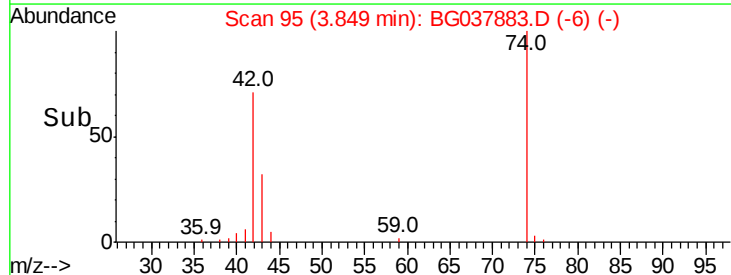
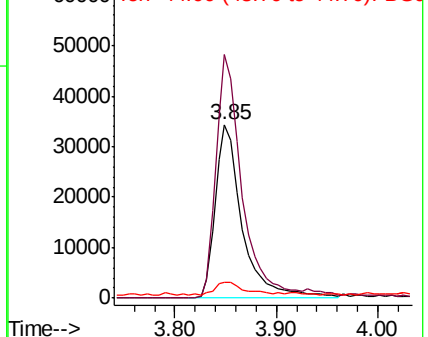
42 100

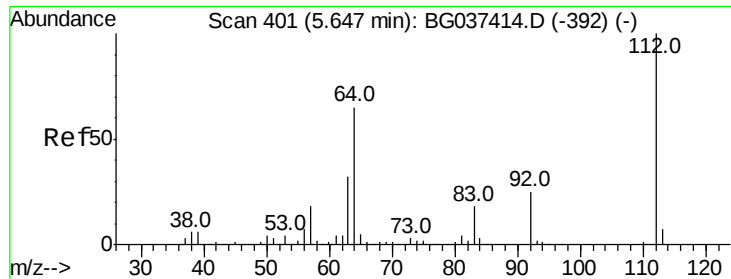
74 140.3 102.0 153.0

44 8.8 9.6 14.4#



Abundance Ion 42.00 (41.70 to 42.70): BGC  
60000  
Ion 74.00 (73.70 to 74.70): BGC  
50000  
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 76.936 ng

RT: 5.64 min Scan# 399

Delta R.T. -0.01 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

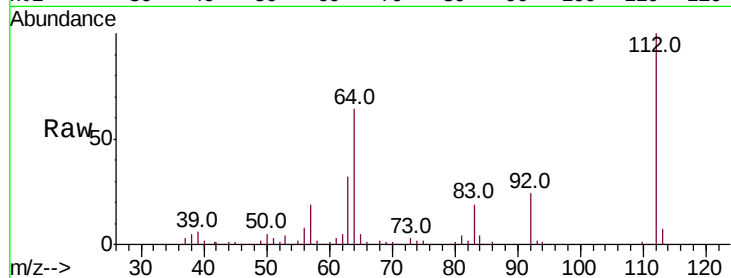
Tot Ion: 112 Resp: 281602

Ion Ratio Lower Upper

112 100

64 63.9 53.1 79.7

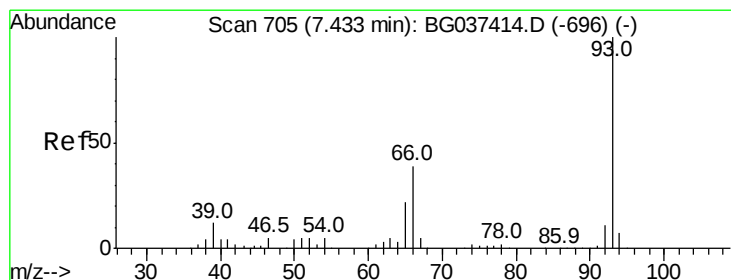
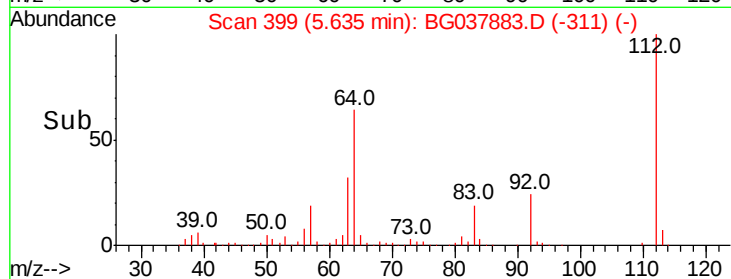
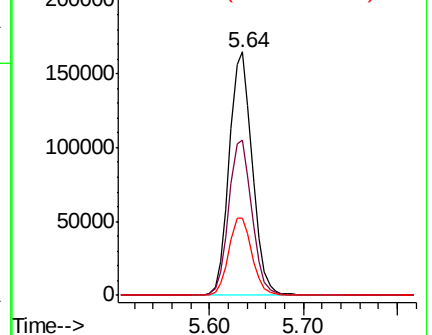
63 31.7 27.3 40.9



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: 38.589 ng

RT: 7.42 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

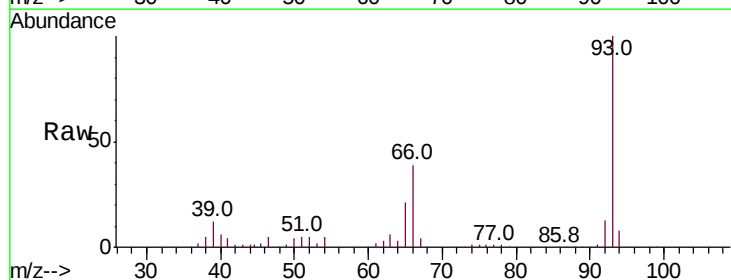
Tgt Ion: 93 Resp: 260550

Ion Ratio Lower Upper

93 100

66 38.8 32.8 49.2

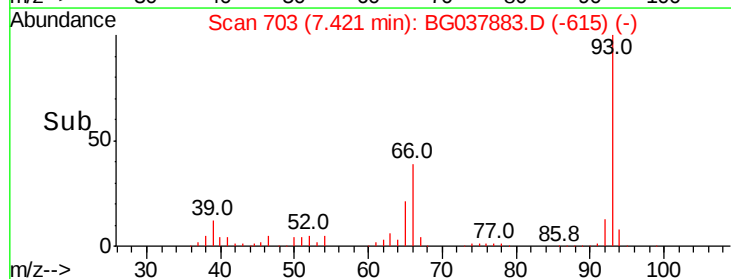
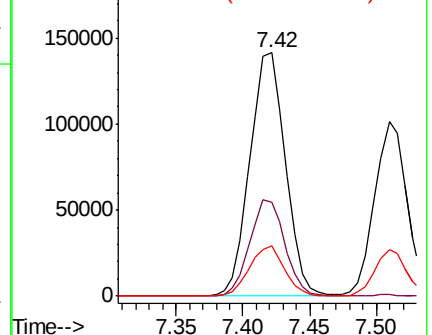
65 20.5 16.4 24.6



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: 75.767 ng

RT: 7.24 min Scan# 672

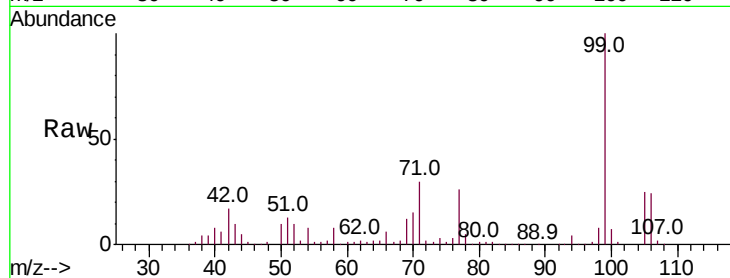
Delta R.T. -0.01 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

Tot Ion: 99 Resp: 419344

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.9  | 15.0  | 22.4  |
| 71  | 30.4  | 25.5  | 38.3  |

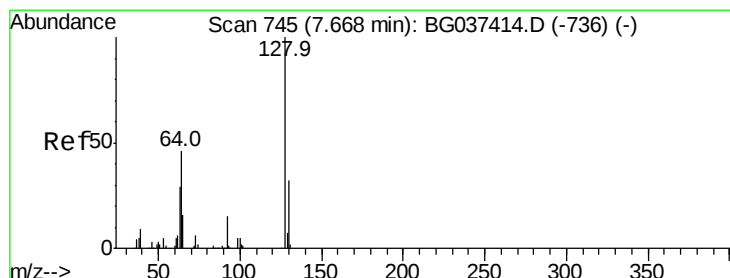
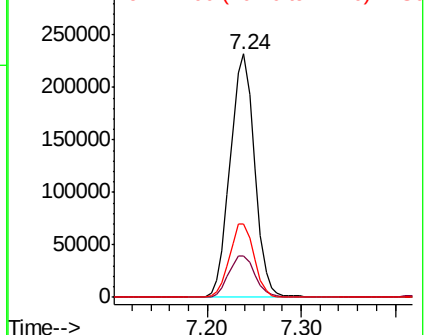
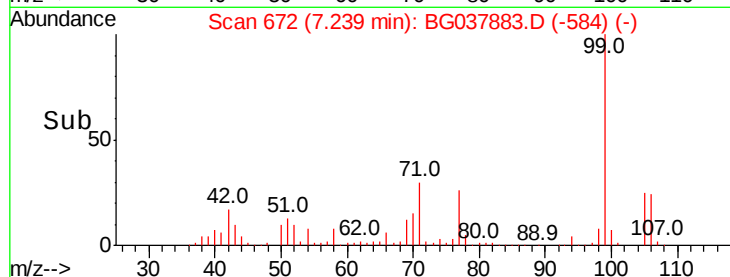


Abundance

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: 38.874 ng

RT: 7.65 min Scan# 742

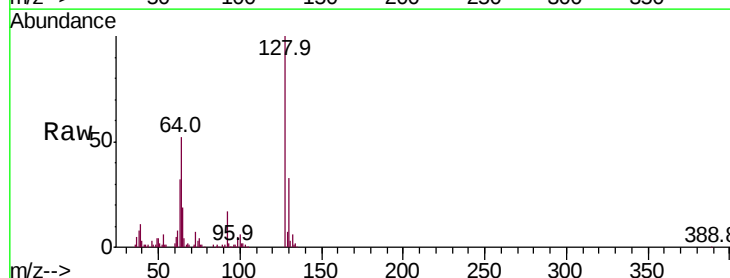
Delta R.T. -0.02 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

Tgt Ion: 128 Resp: 166455

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.2  | 12.0  | 52.0  |
| 64  | 52.4  | 32.9  | 72.9  |

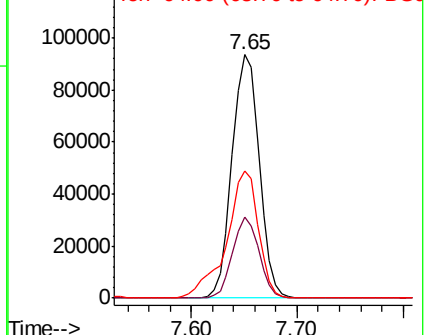
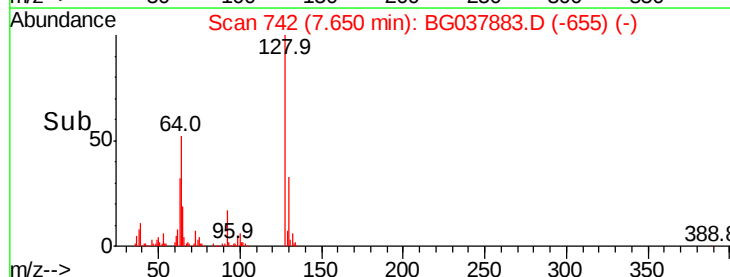


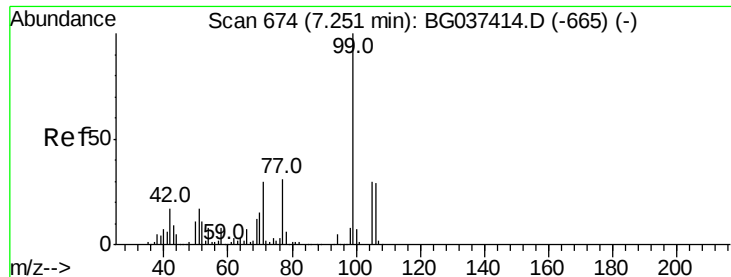
Abundance

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: 33.500 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.02 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

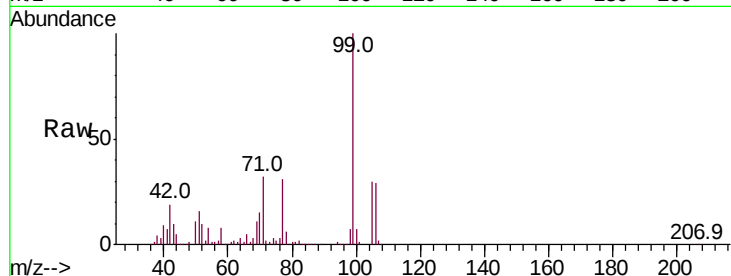
Tot Ion: 77 Resp: 115982

Ion Ratio Lower Upper

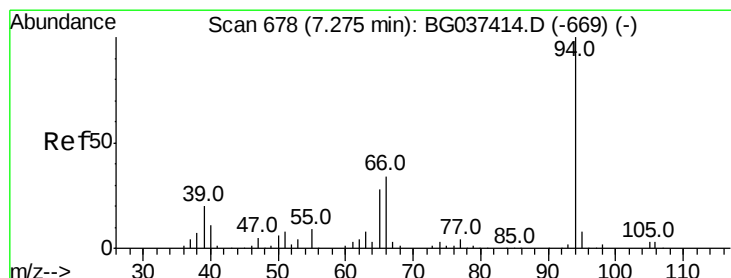
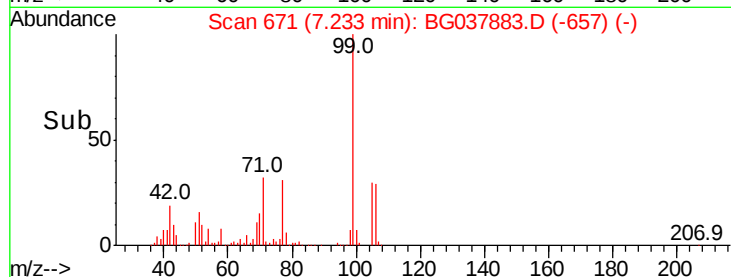
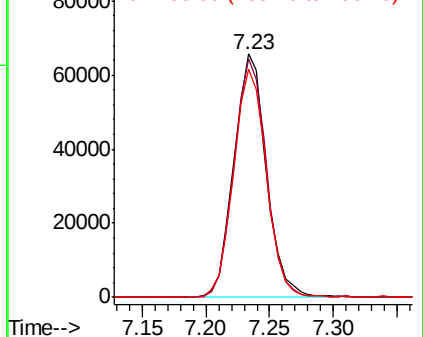
77 100

105 97.9 72.6 112.6

106 93.7 71.3 111.3



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



#10

Phenol

Concen: 38.588 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

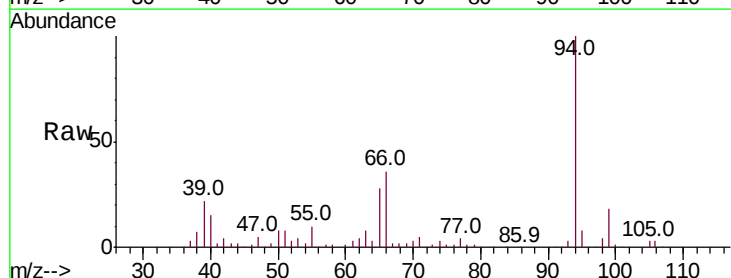
Tgt Ion: 94 Resp: 225338

Ion Ratio Lower Upper

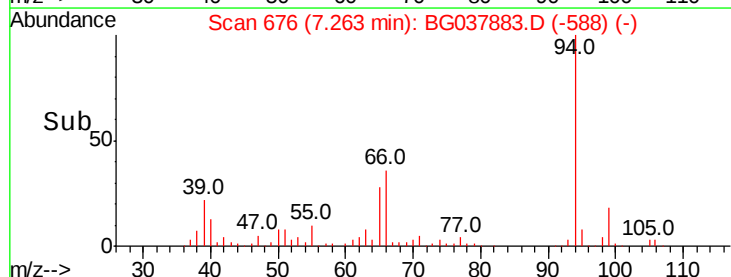
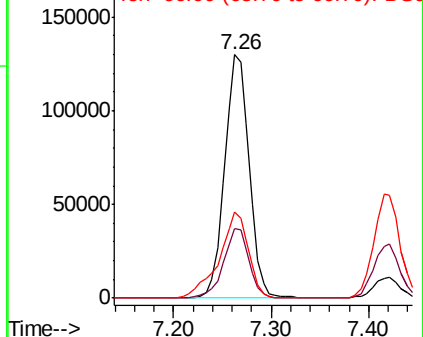
94 100

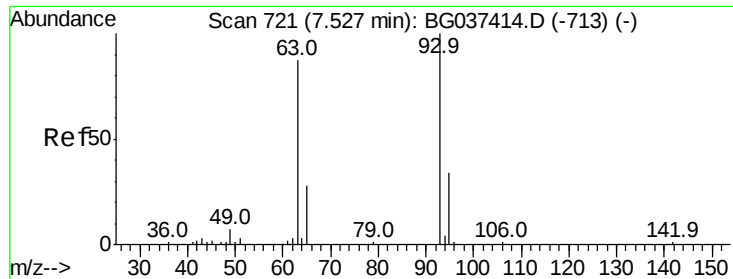
65 28.4 9.7 49.7

66 35.5 15.9 55.9



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





#11

bis(2-Chloroethyl)ether

Concen: 38.491 ng

RT: 7.51 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

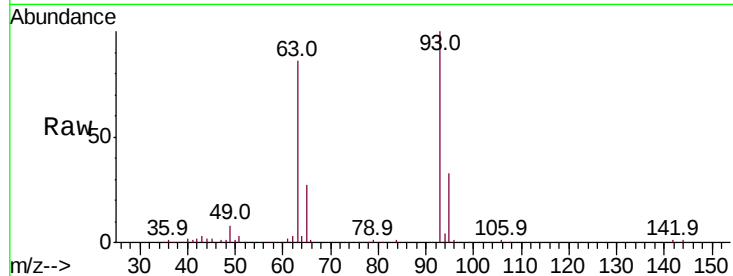
Tot Ion: 93 Resp: 170718

Ion Ratio Lower Upper

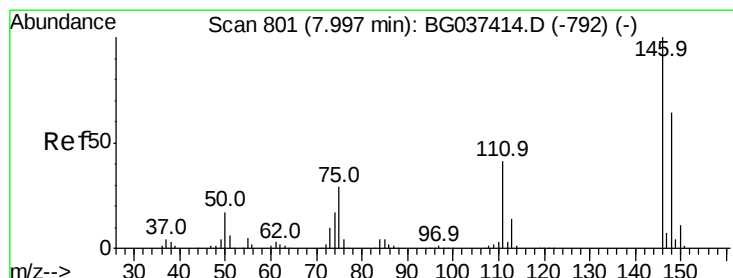
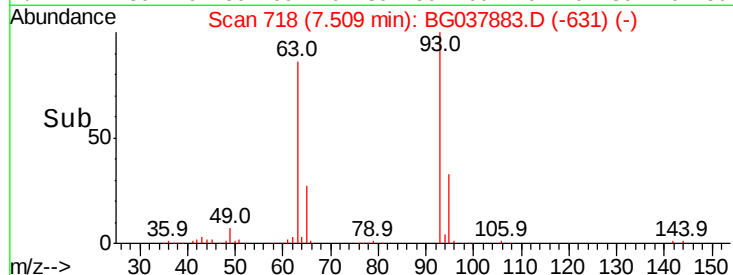
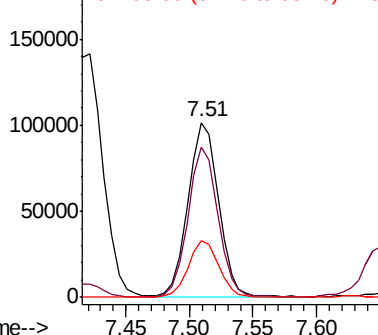
93 100

63 85.8 69.5 109.5

95 32.7 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: 39.340 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.02 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

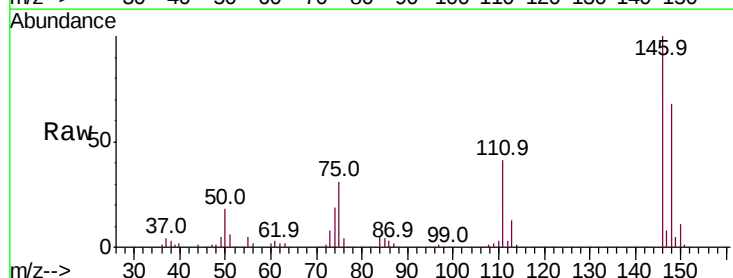
Tgt Ion:146 Resp: 187532

Ion Ratio Lower Upper

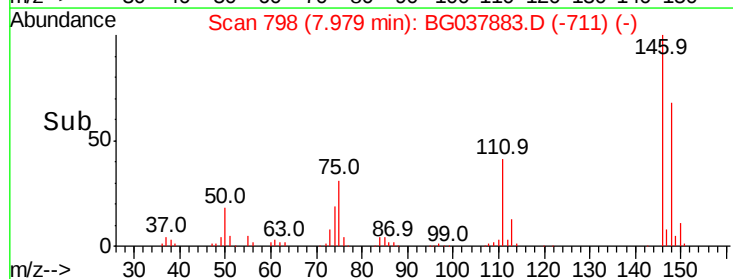
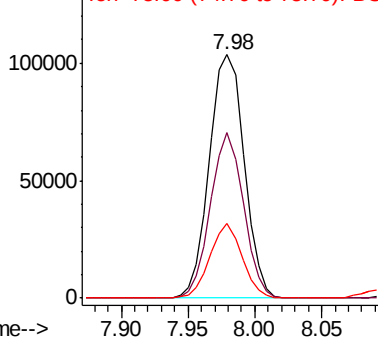
146 100

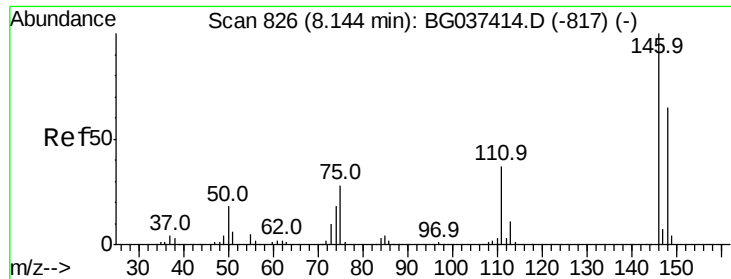
148 67.9 49.8 74.8

75 30.9 23.2 34.8



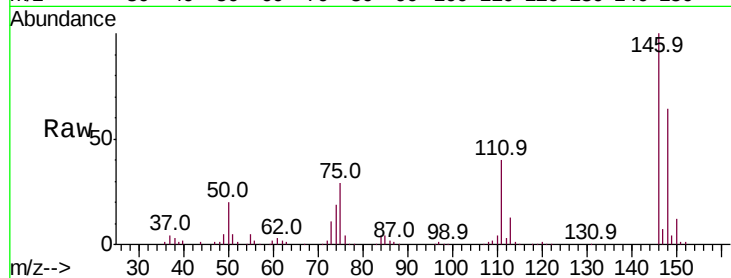
Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 75.00 (74.70 to 75.70): BGC





#13  
 1,4-Dichlorobenzene  
 Concen: 39.198 ng  
 RT: 8.13 min Scan# 823  
 Delta R.T. -0.02 min  
 Lab File: BG037883.D  
 Acq: 8 Nov 2018 13:26

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.4  | 51.0  | 76.6  |
| 111     | 39.7  | 32.4  | 48.6  |

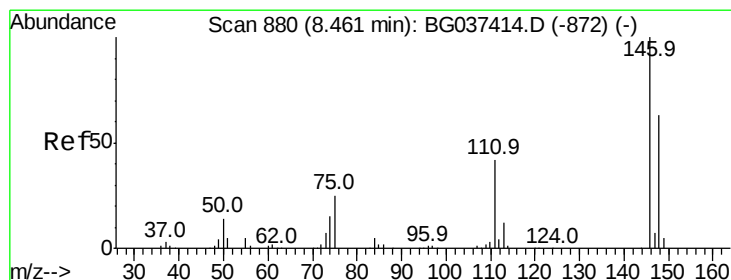
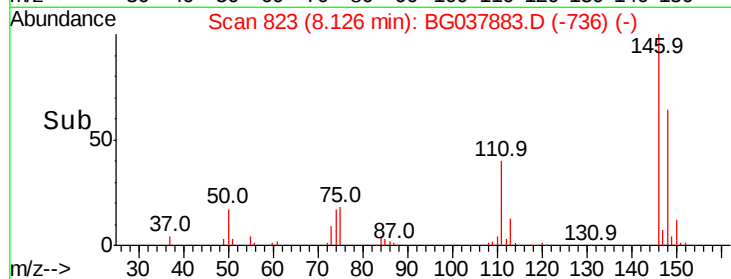
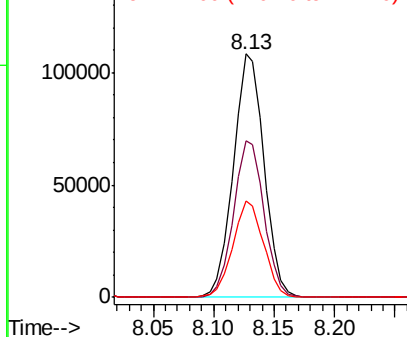


Abundance

Ion 146.00 (145.70 to 146.70): E

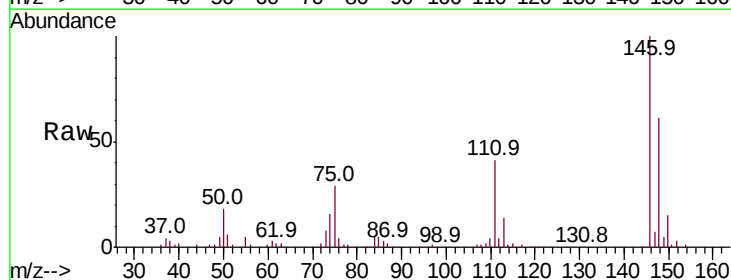
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14  
 1,2-Dichlorobenzene  
 Concen: 38.802 ng  
 RT: 8.45 min Scan# 878  
 Delta R.T. -0.01 min  
 Lab File: BG037883.D  
 Acq: 8 Nov 2018 13:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 61.4  | 50.4  | 75.6  |
| 111     | 41.1  | 34.6  | 51.8  |

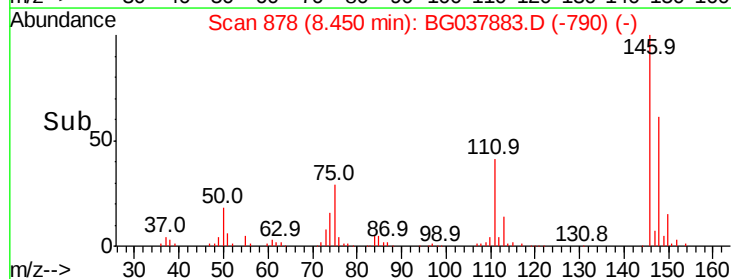
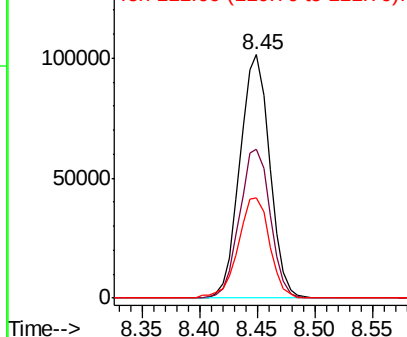


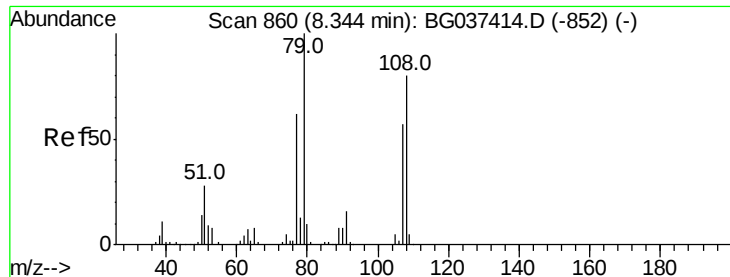
Abundance

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: 37.452 ng

RT: 8.33 min Scan# 858

Delta R.T. -0.01 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

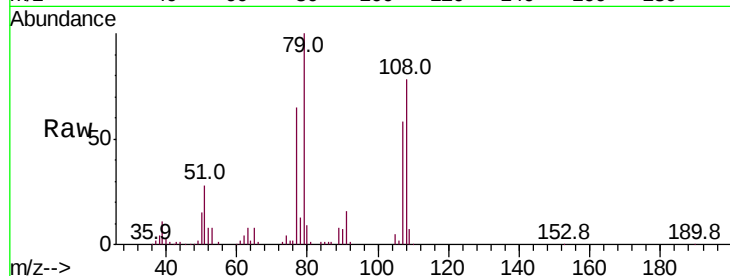
Tot Ion: 79 Resp: 153161

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 108 | 78.0  | 65.8  | 98.8  |
| 77  | 64.8  | 52.9  | 79.3  |

79 100

108 78.0 65.8 98.8

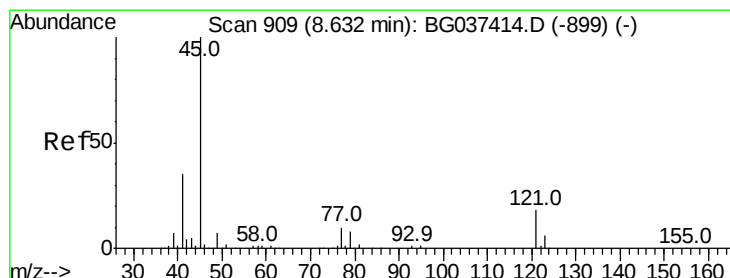
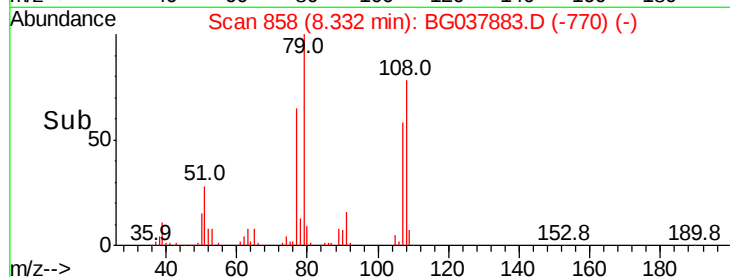
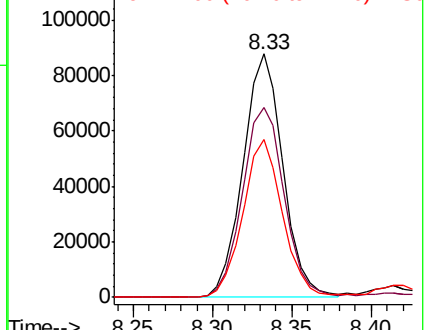
77 64.8 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.547 ng

RT: 8.61 min Scan# 905

Delta R.T. -0.02 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

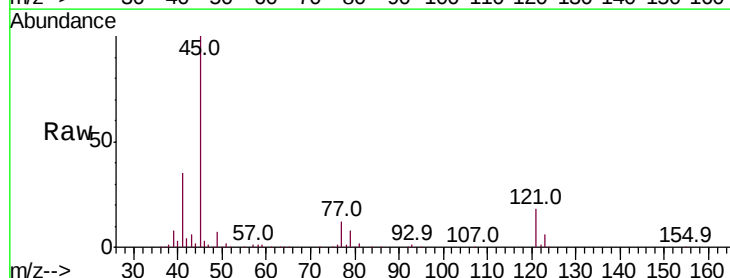
Tgt Ion: 45 Resp: 305909

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 77  | 11.6  | 0.0   | 30.0  |
| 79  | 8.2   | 0.0   | 29.0  |

45 100

77 11.6 0.0 30.0

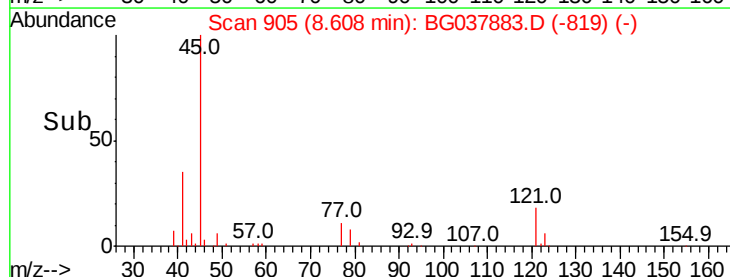
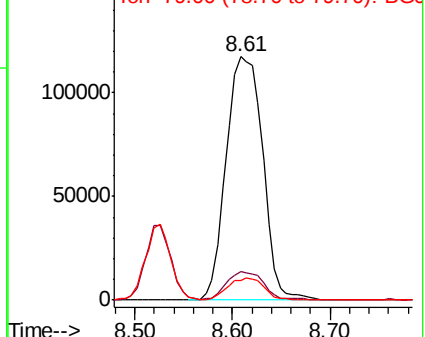
79 8.2 0.0 29.0

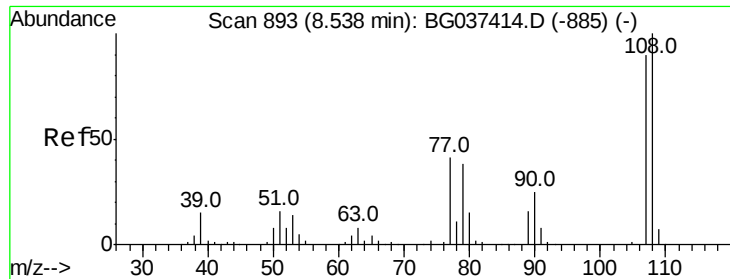


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 38.520 ng

RT: 8.53 min Scan# 891

Delta R.T. -0.01 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

Tot Ion:107 Resp: 148715

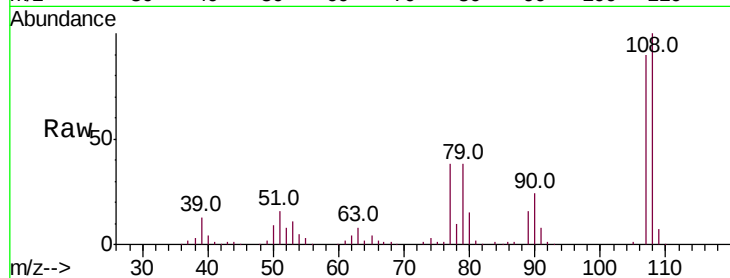
Ion Ratio Lower Upper

107 100

108 111.6 87.9 131.9

77 42.1 35.1 52.7

79 42.8 34.5 51.7

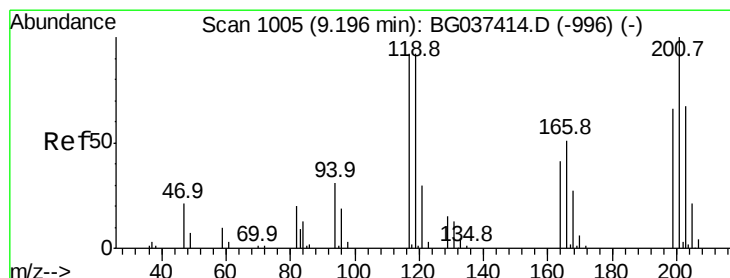
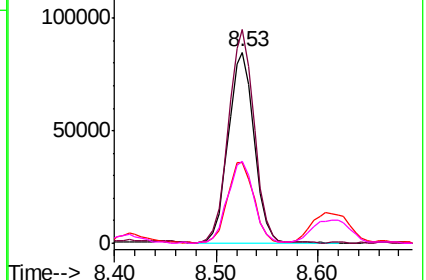
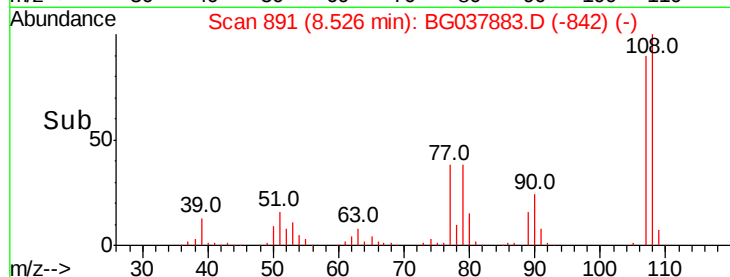


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.186 ng

RT: 9.18 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

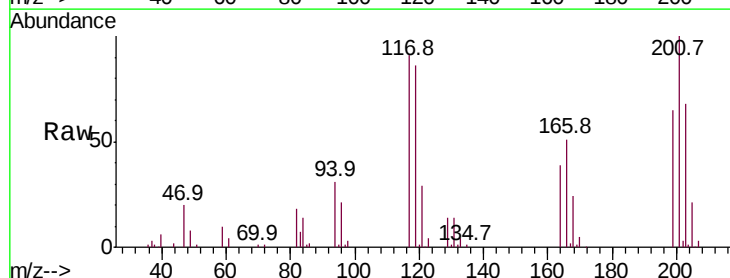
Tgt Ion:117 Resp: 68465

Ion Ratio Lower Upper

117 100

119 94.8 74.6 111.8

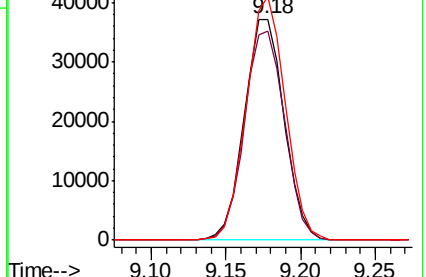
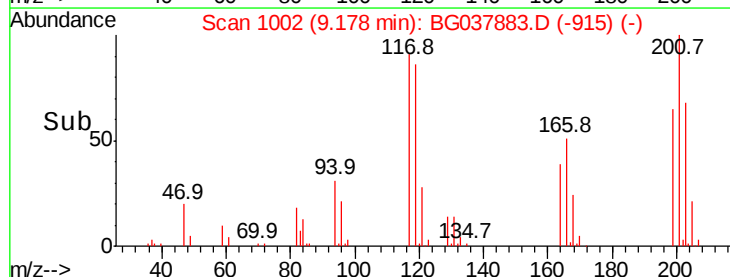
201 110.1 80.8 121.2

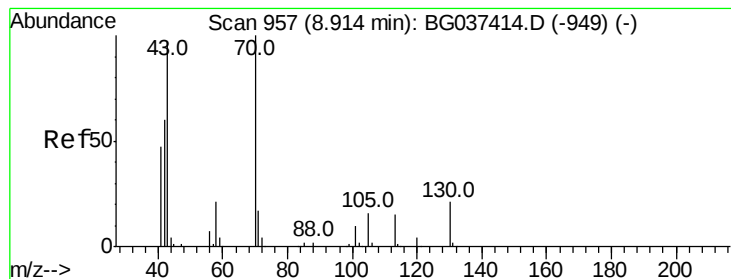


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.629 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

Tot Ion: 70 Resp: 143413

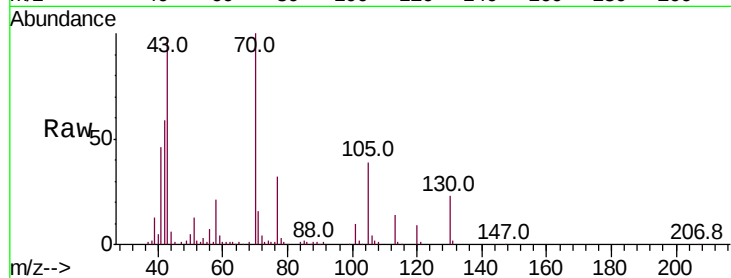
Ion Ratio Lower Upper

70 100

42 58.6 53.9 80.9

101 10.0 8.2 12.2

130 23.0 18.2 27.4

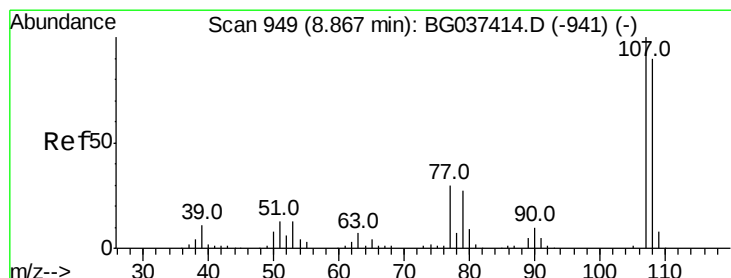
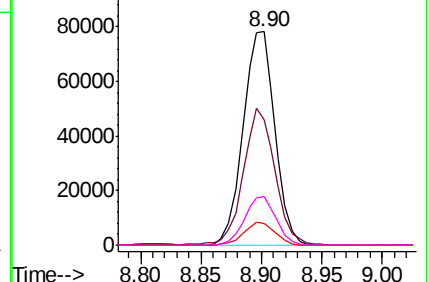
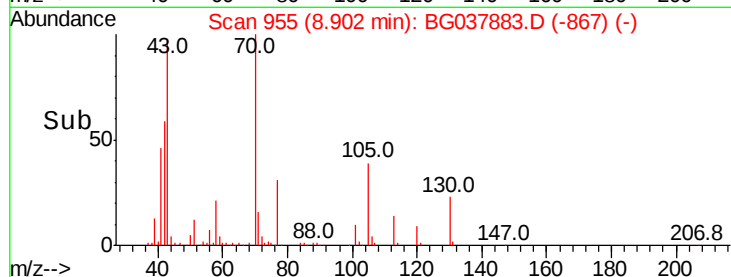


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 39.211 ng

RT: 8.85 min Scan# 947

Delta R.T. -0.01 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

Tgt Ion: 107 Resp: 216438

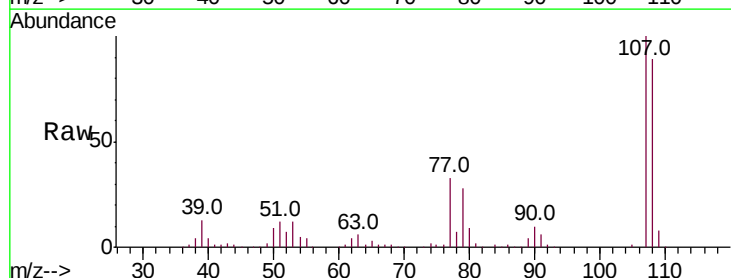
Ion Ratio Lower Upper

107 100

108 89.3 69.9 109.9

77 32.6 11.2 51.2

79 27.6 6.6 46.6

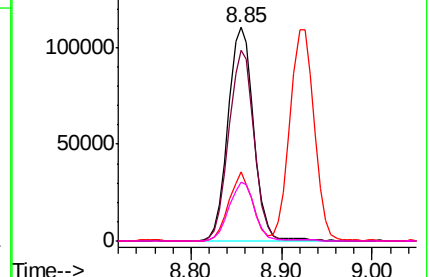
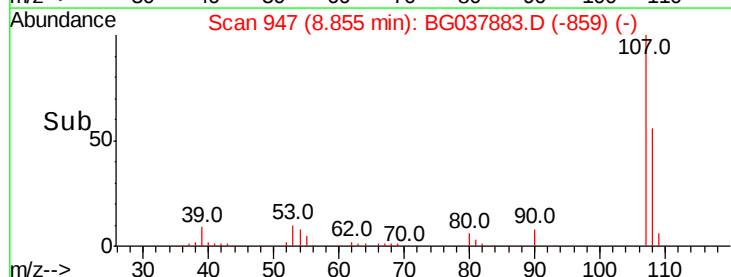


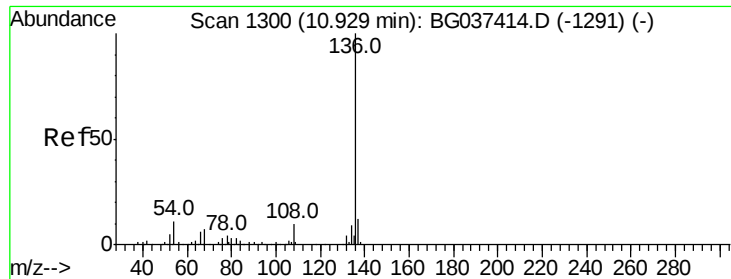
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

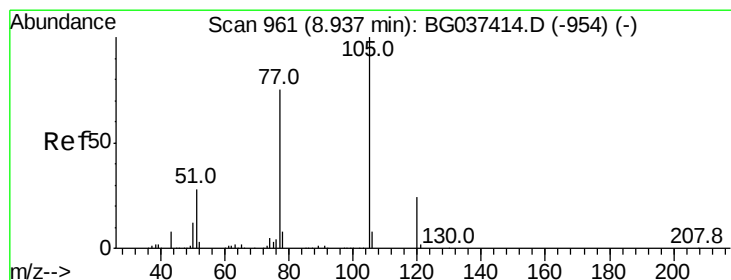
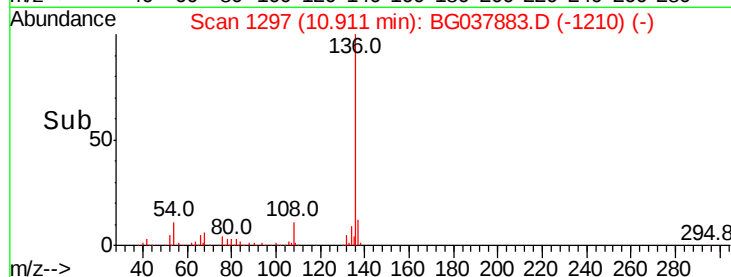
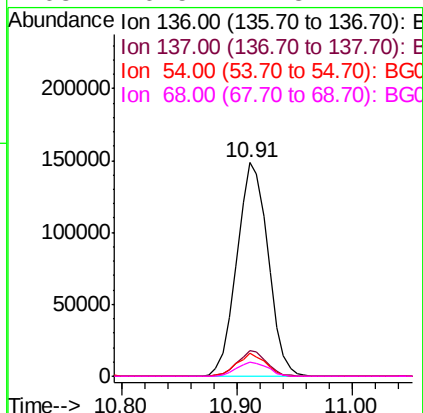
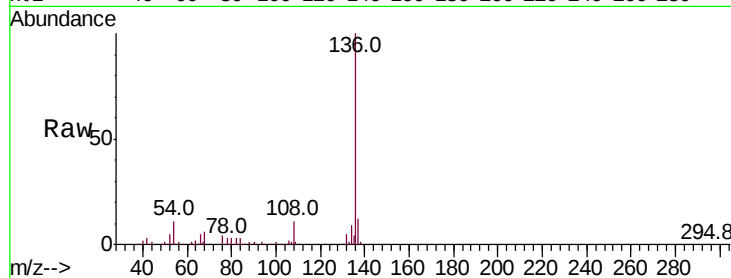
Ion 79.00 (78.70 to 79.70): BGC





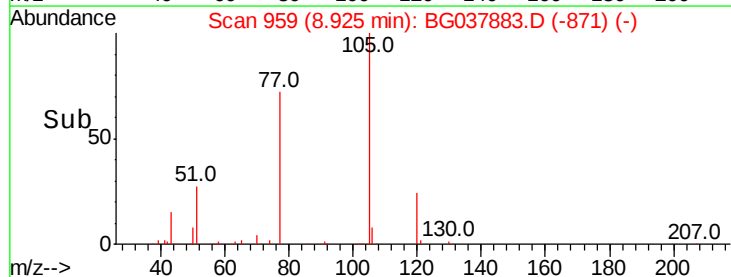
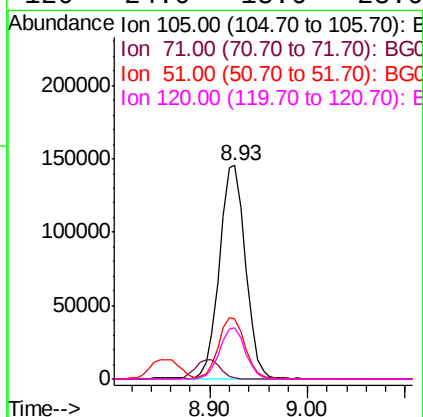
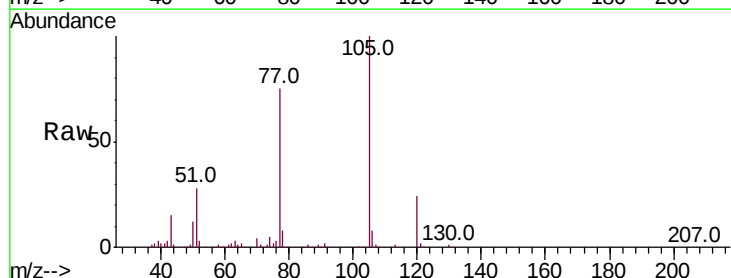
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.91 min Scan# 1297  
Delta R.T. -0.02 min  
Lab File: BG037883.D  
Acq: 8 Nov 2018 13:26

|             |       |        |  |
|-------------|-------|--------|--|
| Tot Ion:136 | Resp: | 278548 |  |
| Ion Ratio   | Lower | Upper  |  |
| 136 100     |       |        |  |
| 137 12.0    | 9.6   | 14.4   |  |
| 54 10.5     | 7.9   | 11.9   |  |
| 68 6.5      | 4.8   | 7.2    |  |



#22  
Acetophenone  
Concen: 38.577 ng  
RT: 8.93 min Scan# 959  
Delta R.T. -0.01 min  
Lab File: BG037883.D  
Acq: 8 Nov 2018 13:26

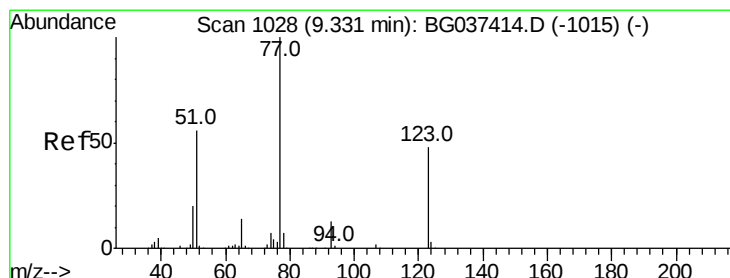
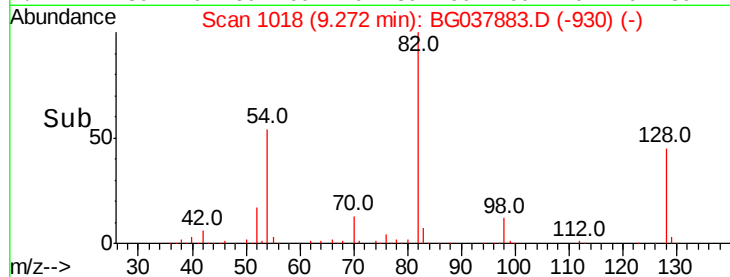
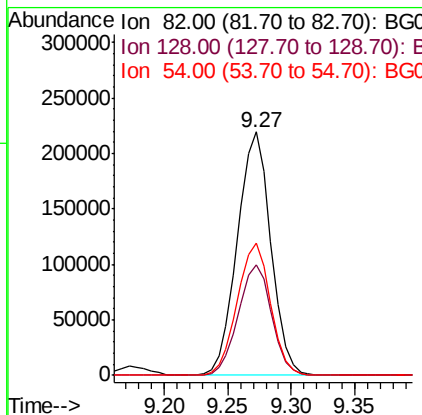
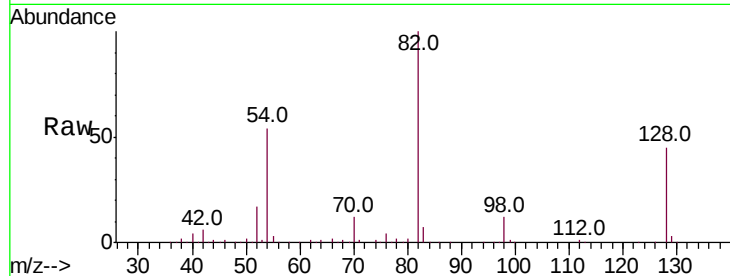
|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 269493 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 0.7     | 1.2   | 1.8#   |
| 51  | 28.4    | 25.0  | 37.6   |
| 120 | 24.0    | 18.6  | 28.0   |





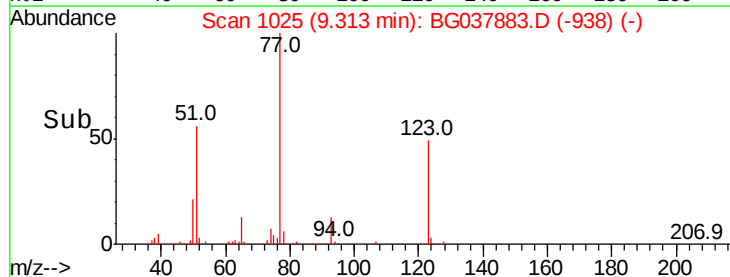
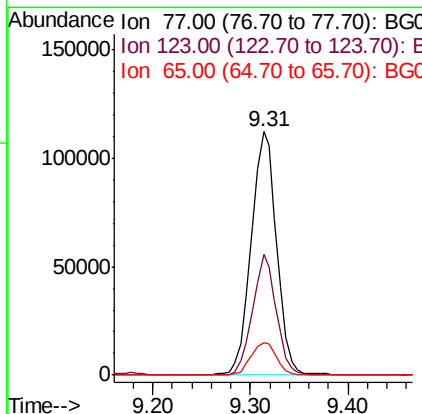
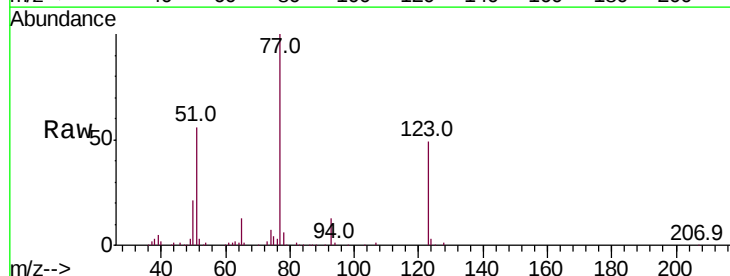
#23  
 Nitrobenzene-d5  
 Concen: 80.828 ng  
 RT: 9.27 min Scan# 1018  
 Delta R.T. -0.01 min  
 Lab File: BG037883.D  
 Acq: 8 Nov 2018 13:26

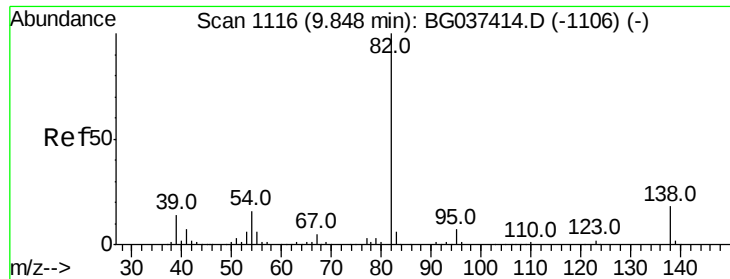
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 82    | Resp: | 401907 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 45.2  | 34.6  | 51.8   |
| 54       | 54.3  | 45.3  | 67.9   |



#24  
 Nitrobenzene  
 Concen: 39.893 ng  
 RT: 9.31 min Scan# 1025  
 Delta R.T. -0.02 min  
 Lab File: BG037883.D  
 Acq: 8 Nov 2018 13:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 206069 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 123      | 49.5  | 33.6  | 50.4   |
| 65       | 13.3  | 11.3  | 16.9   |





#25

Isophorone

Concen: 38.795 ng

RT: 9.83 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

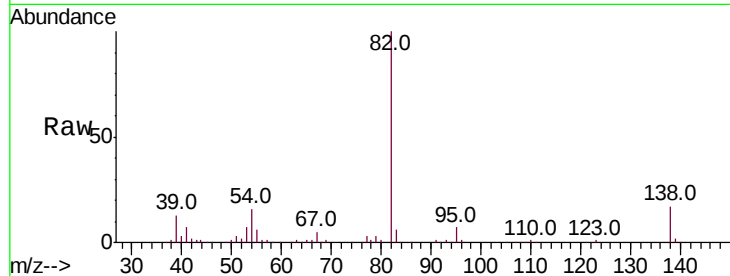
Tot Ion: 82 Resp: 352464

Ion Ratio Lower Upper

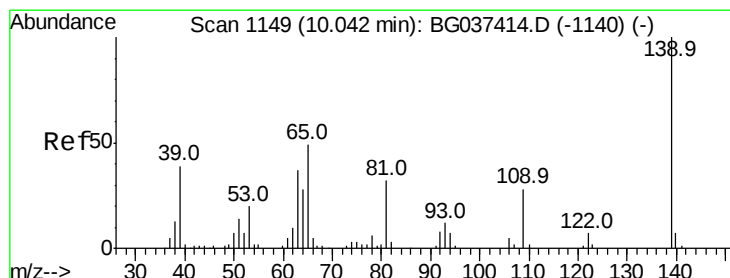
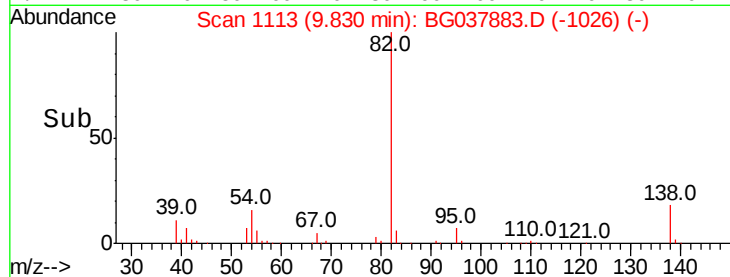
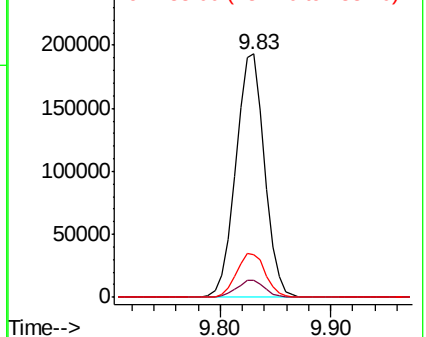
82 100

95 7.1 5.3 7.9

138 17.4 13.3 19.9



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



#26

2-Nitrophenol

Concen: 46.451 ng

RT: 10.02 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

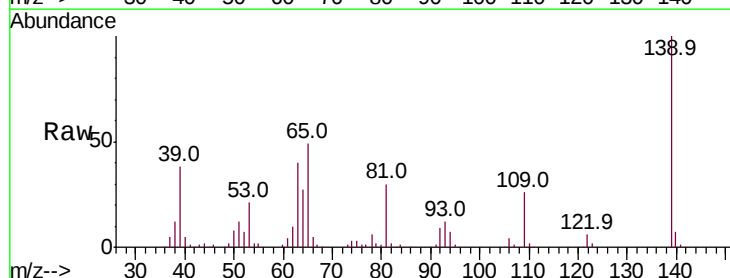
Tgt Ion: 139 Resp: 108094

Ion Ratio Lower Upper

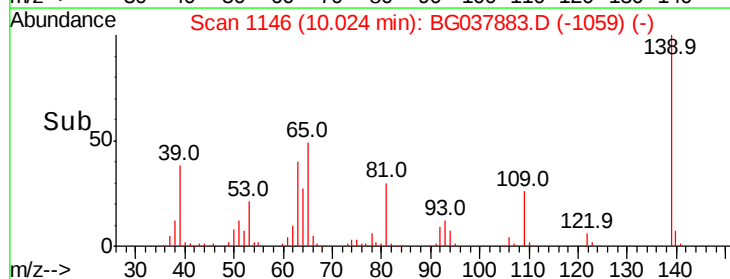
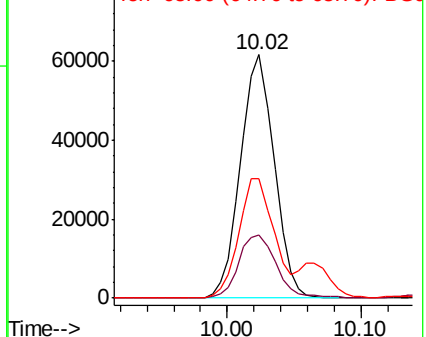
139 100

109 25.9 23.3 34.9

65 49.0 39.8 59.8



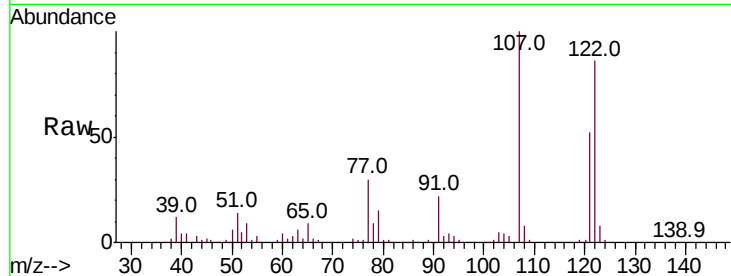
Abundance Ion 139.00 (138.70 to 139.70): BGC  
Ion 109.00 (108.70 to 109.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC



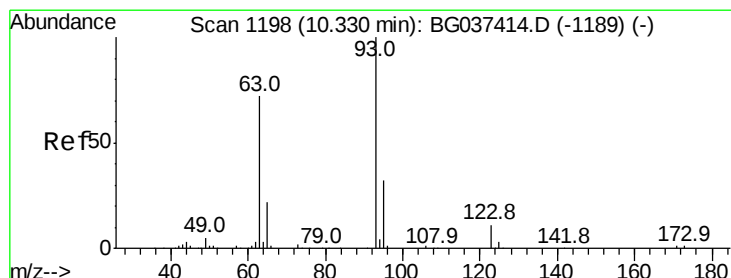
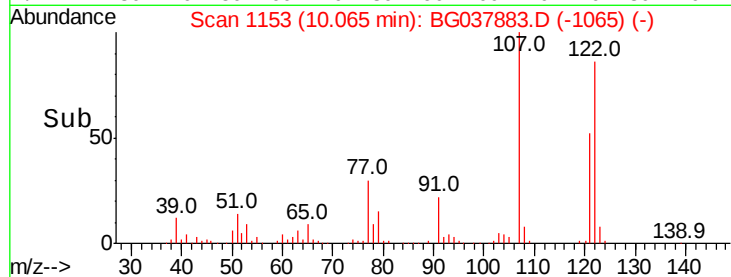
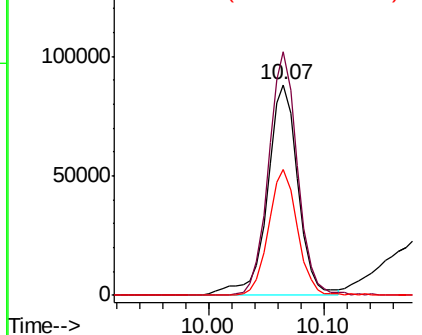


#27  
 2,4-Dimethylphenol  
 Concen: 39.135 ng  
 RT: 10.07 min Scan# 1153  
 Delta R.T. -0.01 min  
 Lab File: BG037883.D  
 Acq: 8 Nov 2018 13:26

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 115.7 | 94.2  | 141.2 |
| 121     | 59.9  | 47.3  | 70.9  |

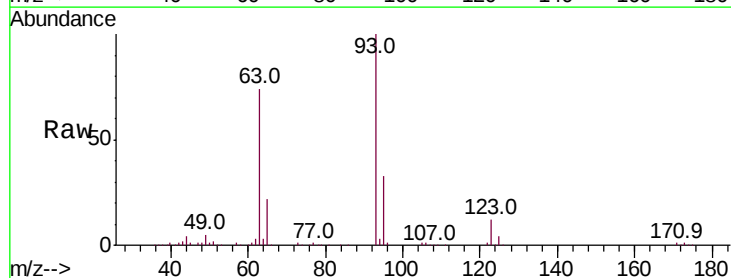


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

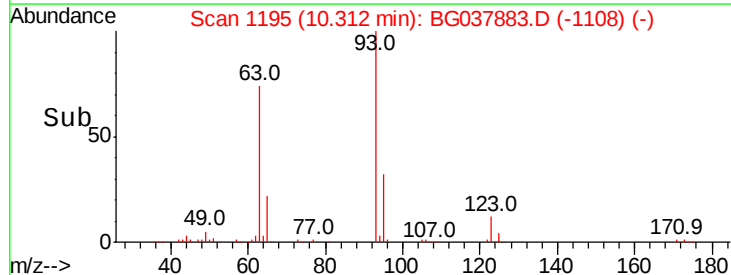
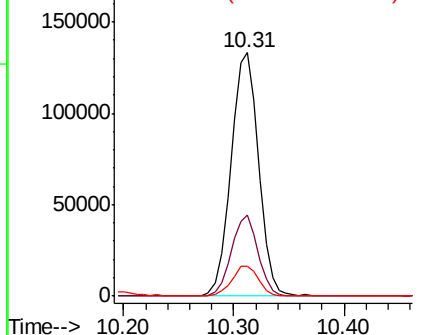


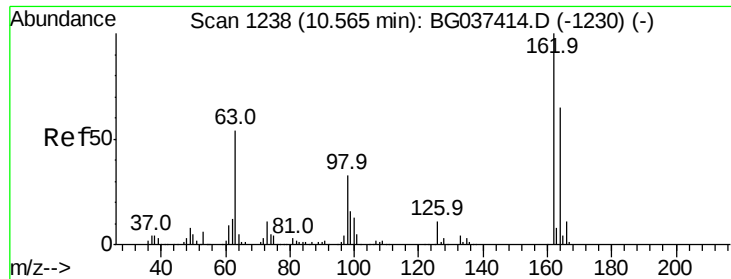
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 39.207 ng  
 RT: 10.31 min Scan# 1195  
 Delta R.T. -0.02 min  
 Lab File: BG037883.D  
 Acq: 8 Nov 2018 13:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.3  | 24.6  | 37.0  |
| 123     | 12.2  | 9.1   | 13.7  |



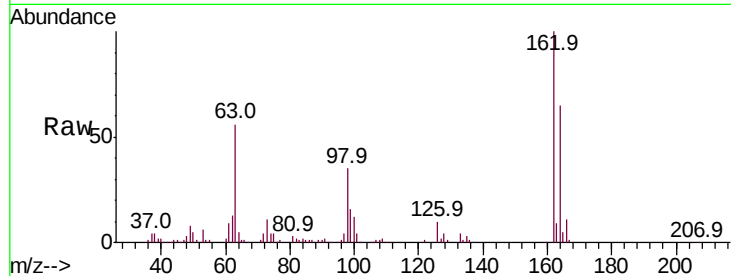
Abundance Ion 93.00 (92.70 to 93.70): BGC  
 Ion 95.00 (94.70 to 95.70): BGC  
 Ion 123.00 (122.70 to 123.70): E



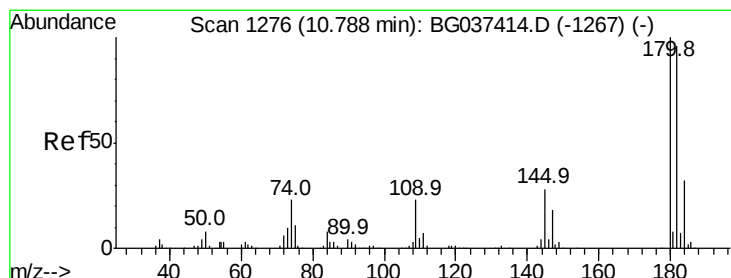
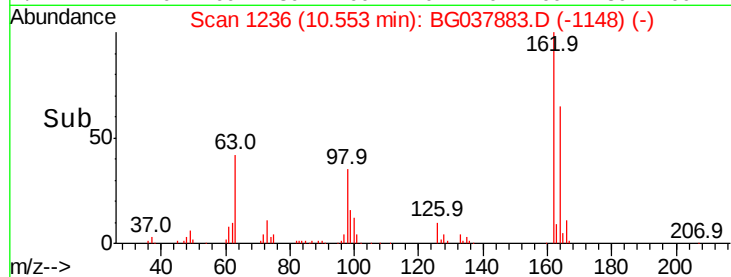
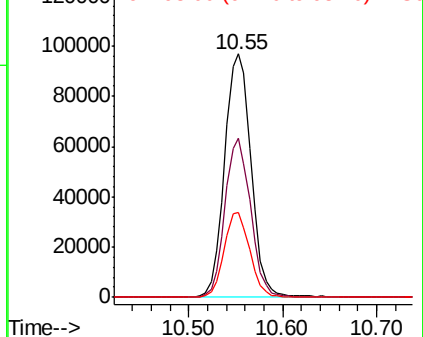


#29  
2,4-Dichlorophenol  
Concen: 40.840 ng  
RT: 10.55 min Scan# 1236  
Delta R.T. -0.01 min  
Lab File: BG037883.D  
Acq: 8 Nov 2018 13:26

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.4  | 43.2  | 83.2  |
| 98      | 34.8  | 16.0  | 56.0  |

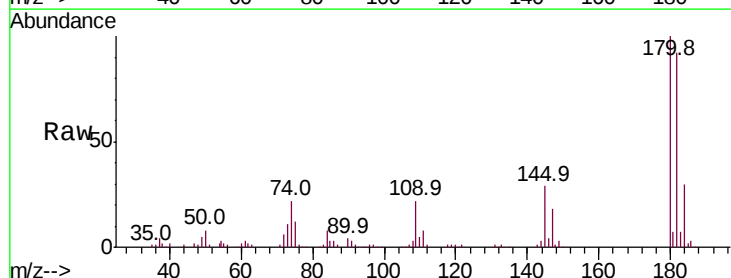


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): B

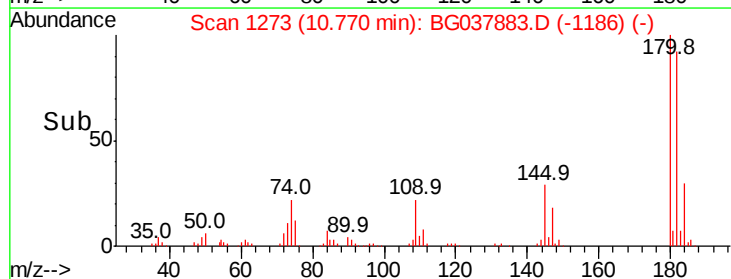
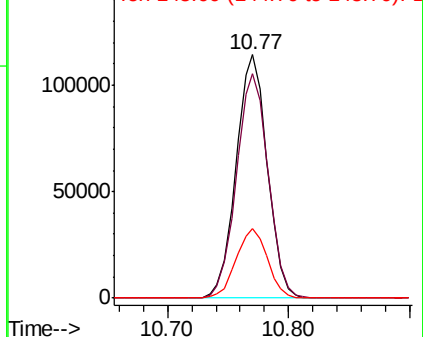


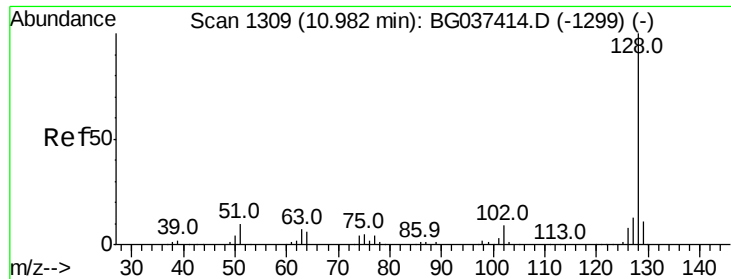
#30  
1,2,4-Trichlorobenzene  
Concen: 40.833 ng  
RT: 10.77 min Scan# 1273  
Delta R.T. -0.02 min  
Lab File: BG037883.D  
Acq: 8 Nov 2018 13:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 91.9  | 77.7  | 116.5 |
| 145     | 28.7  | 23.3  | 34.9  |



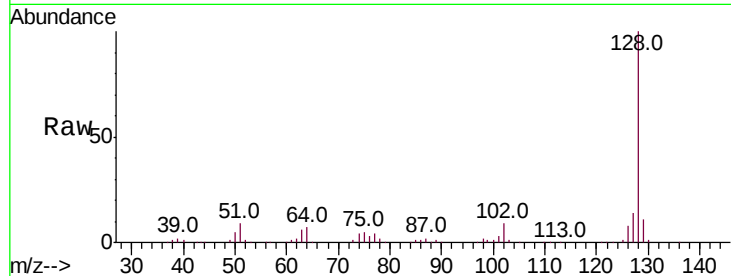
Abundance Ion 180.00 (179.70 to 180.70): E  
Ion 182.00 (181.70 to 182.70): E  
Ion 145.00 (144.70 to 145.70): E



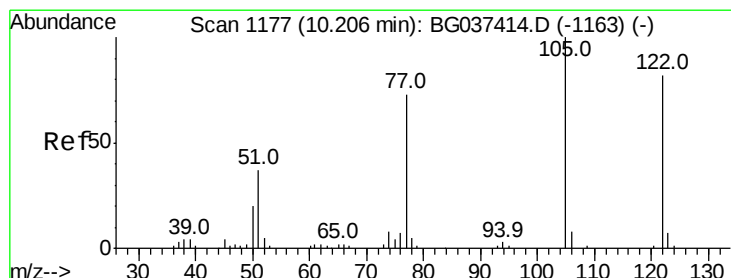
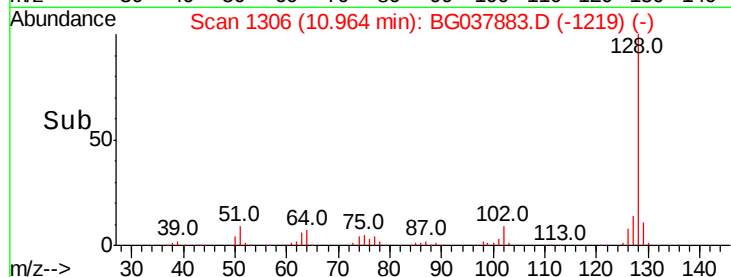
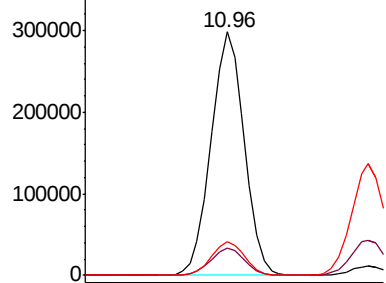


#31  
Naphthalene  
Concen: 39.561 ng  
RT: 10.96 min Scan# 1306  
Delta R.T. -0.02 min  
Lab File: BG037883.D  
Acq: 8 Nov 2018 13:26

Tot Ion:128 Resp: 541251  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.0 13.6  
127 14.0 11.1 16.7

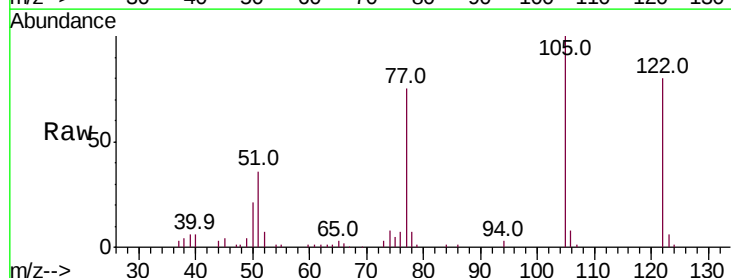


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

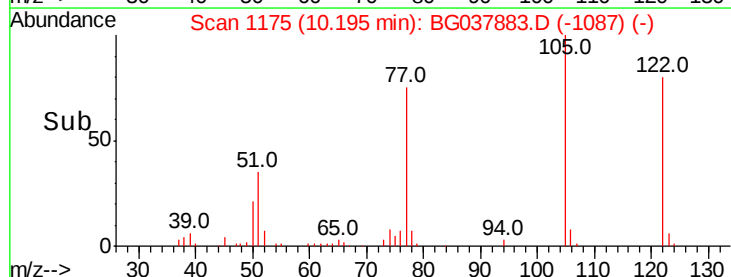
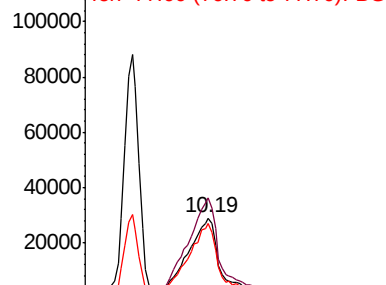


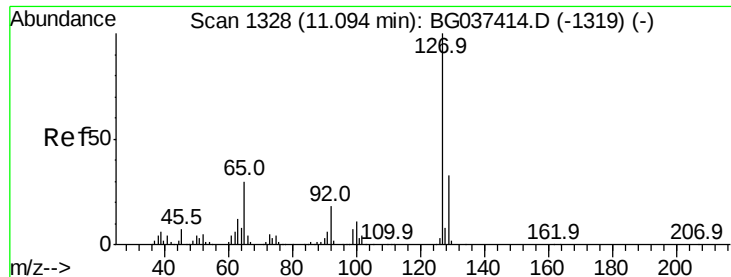
#32  
Benzoic acid  
Concen: 42.757 ng  
RT: 10.19 min Scan# 1175  
Delta R.T. -0.01 min  
Lab File: BG037883.D  
Acq: 8 Nov 2018 13:26

Tgt Ion:122 Resp: 115385  
Ion Ratio Lower Upper  
122 100  
105 124.7 106.7 146.7  
77 94.0 72.2 112.2



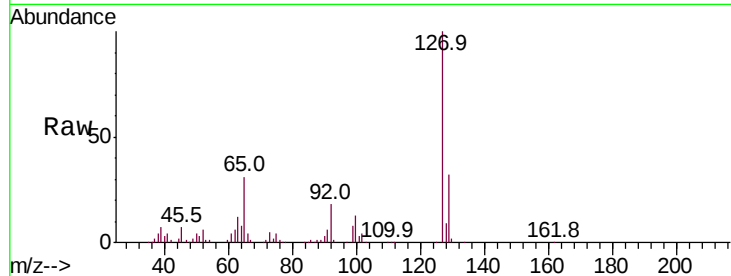
Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BGO





#33  
4-Chloroaniline  
Concen: 39.581 ng  
RT: 11.08 min Scan# 1325  
Delta R.T. -0.02 min  
Lab File: BG037883.D  
Acq: 8 Nov 2018 13:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 254444 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.9  | 27.1  | 40.7   |
| 65       | 31.4  | 26.6  | 39.8   |
| 92       | 18.2  | 16.4  | 24.6   |



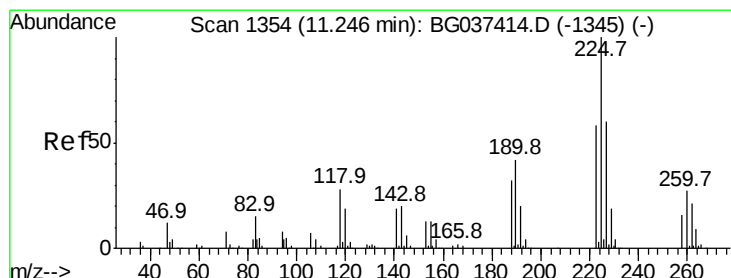
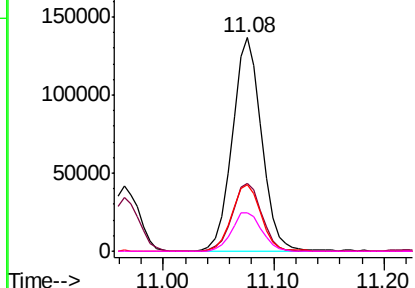
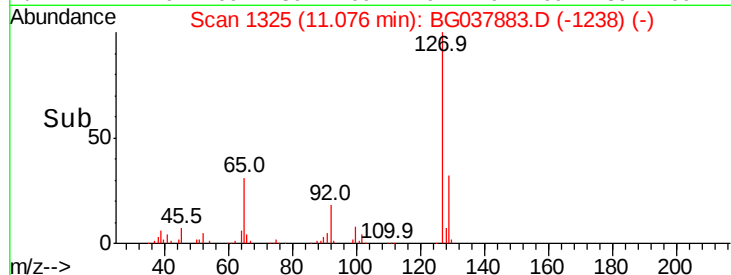
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

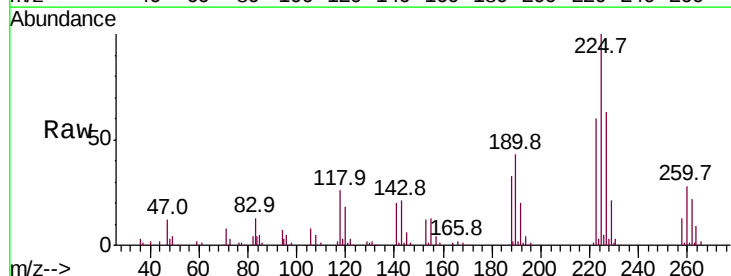
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34  
Hexachlorobutadiene  
Concen: 41.333 ng  
RT: 11.23 min Scan# 1351  
Delta R.T. -0.02 min  
Lab File: BG037883.D  
Acq: 8 Nov 2018 13:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 123239 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 56.9  | 48.2  | 72.4   |
| 227      | 62.3  | 51.6  | 77.4   |

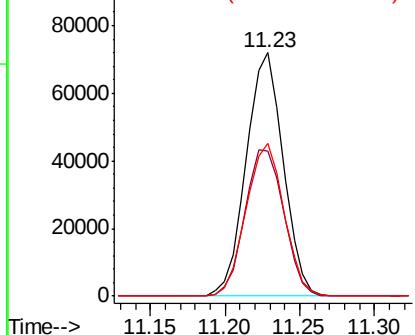
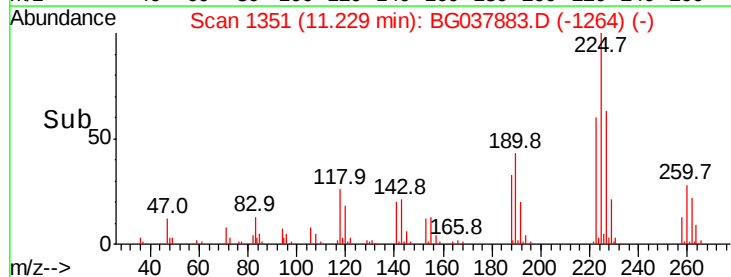


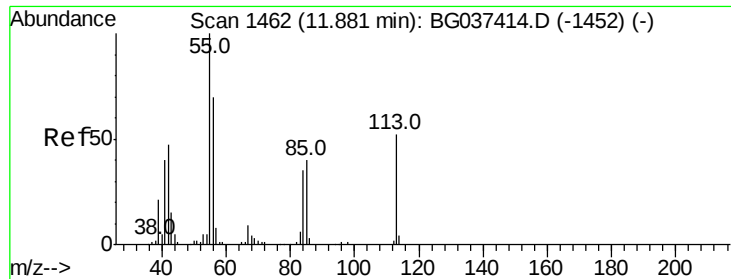
Abundance

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: 38.571 ng

RT: 11.87 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

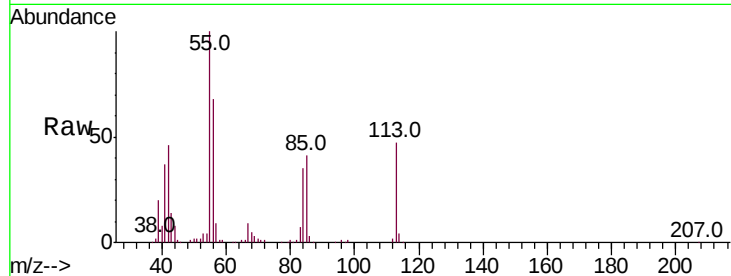
Tot Ion:113 Resp: 71562

Ion Ratio Lower Upper

113 100

55 211.0 176.6 216.6

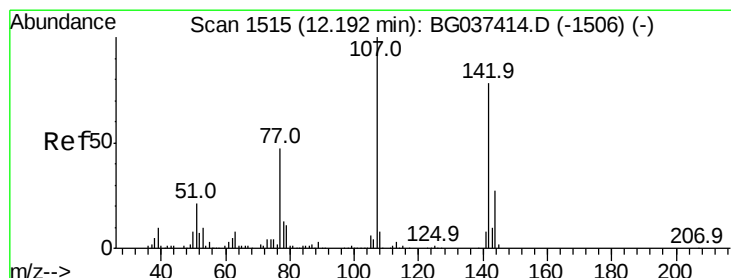
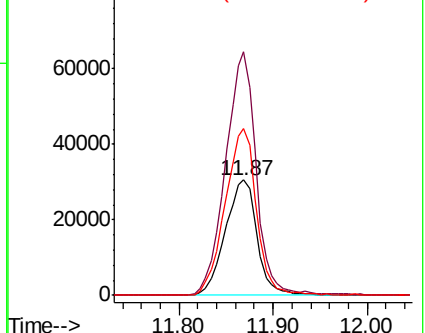
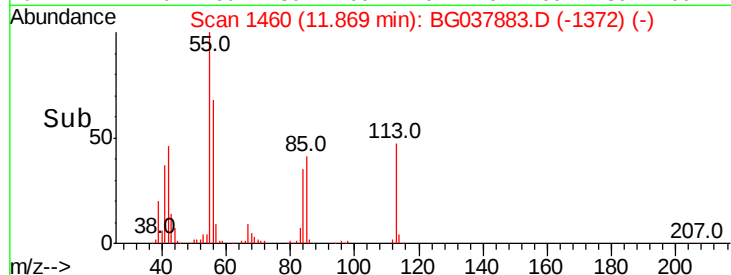
56 144.5 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 39.415 ng

RT: 12.18 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

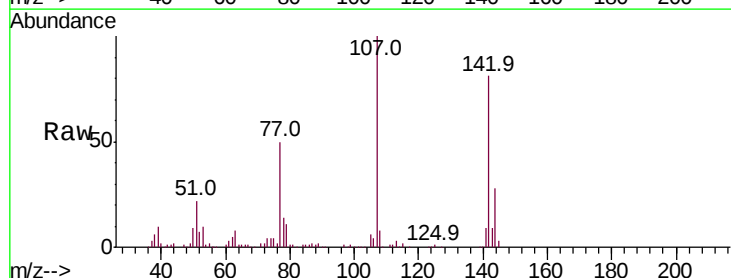
Tgt Ion:107 Resp: 205636

Ion Ratio Lower Upper

107 100

144 27.6 20.7 31.1

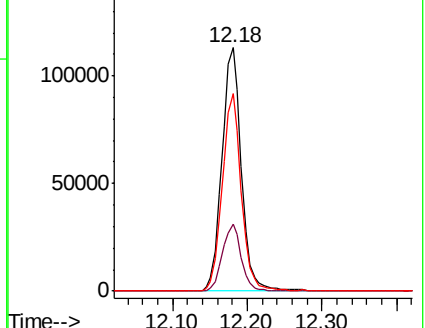
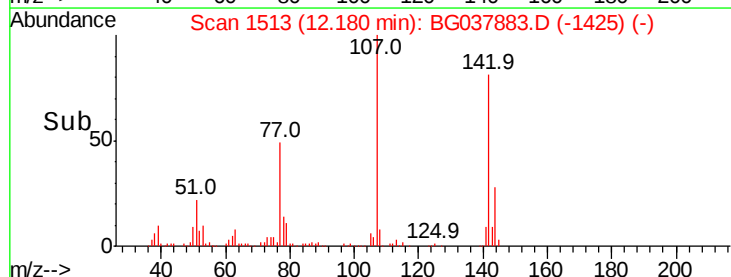
142 81.2 64.4 96.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.755 ng

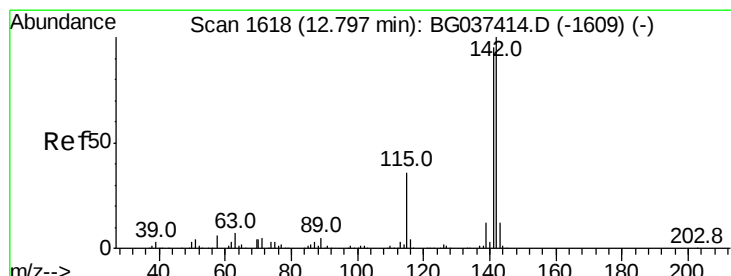
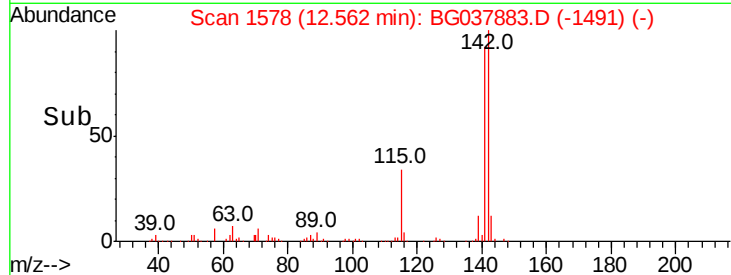
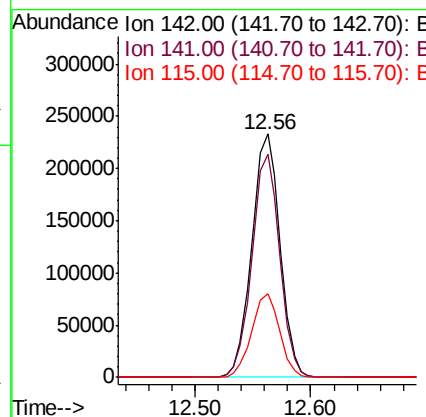
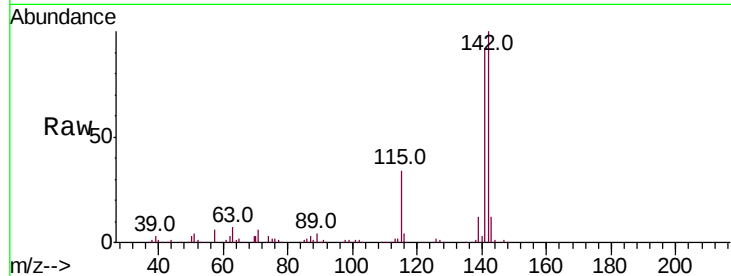
RT: 12.56 min Scan# 1578

Delta R.T. -0.02 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.9  | 71.9  | 107.9 |
| 115     | 34.4  | 27.8  | 41.8  |



#38

1-Methylnaphthalene

Concen: 39.180 ng

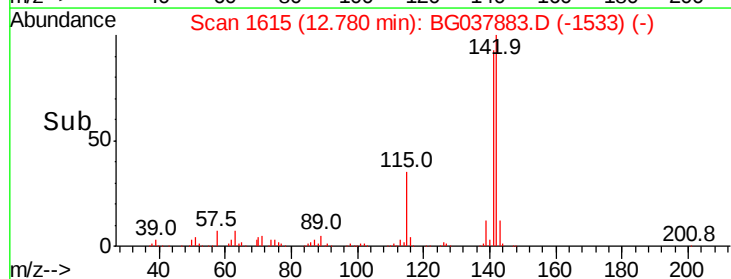
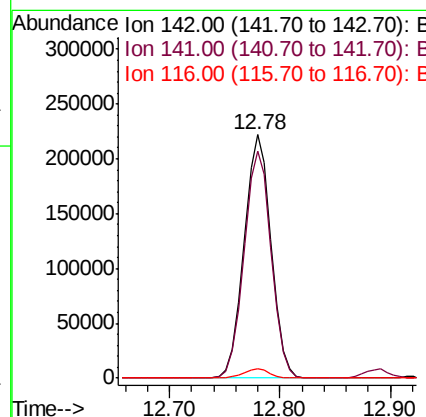
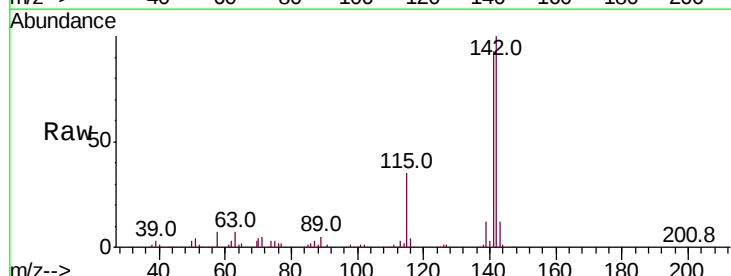
RT: 12.78 min Scan# 1615

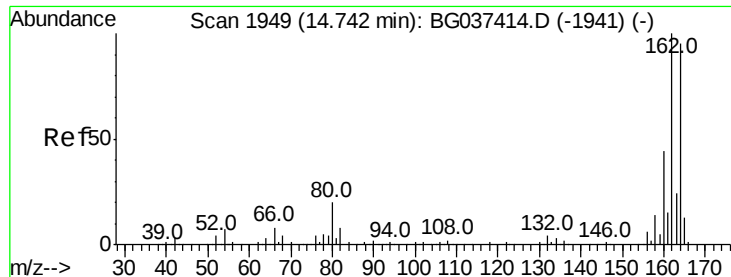
Delta R.T. -0.02 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

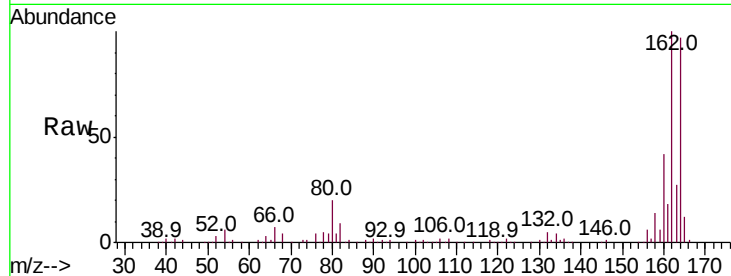
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.2  | 75.2  | 112.8 |
| 116     | 3.6   | 3.3   | 4.9   |





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.73 min Scan# 1947  
Delta R.T. -0.01 min  
Lab File: BG037883.D  
Acq: 8 Nov 2018 13:26

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.0 | 81.3  | 121.9 |
| 160     | 43.3  | 36.3  | 54.5  |

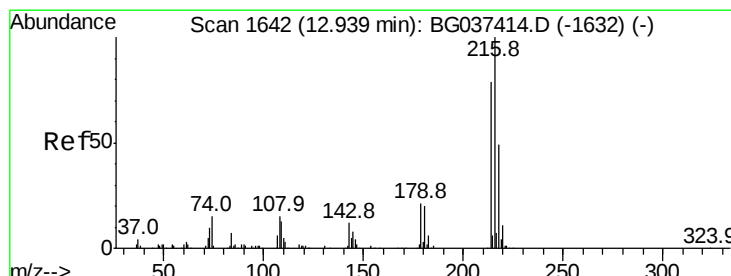
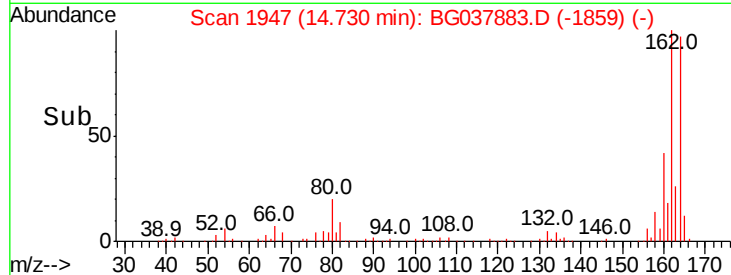
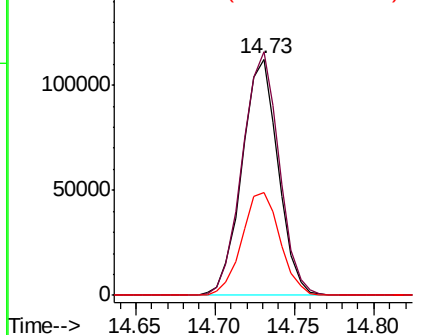


Abundance

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: 42.127 ng  
RT: 12.92 min Scan# 1639  
Delta R.T. -0.02 min  
Lab File: BG037883.D  
Acq: 8 Nov 2018 13:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.7  | 63.8  | 95.6  |
| 179     | 21.0  | 17.4  | 26.0  |
| 108     | 16.9  | 13.9  | 20.9  |

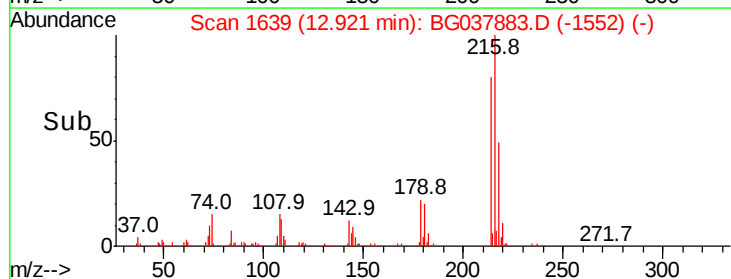
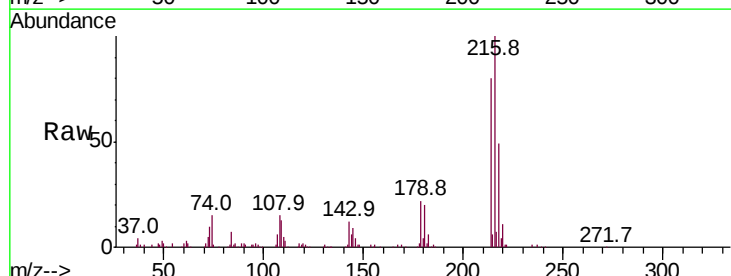
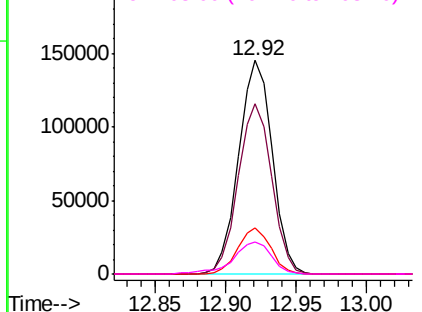
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 44.270 ng

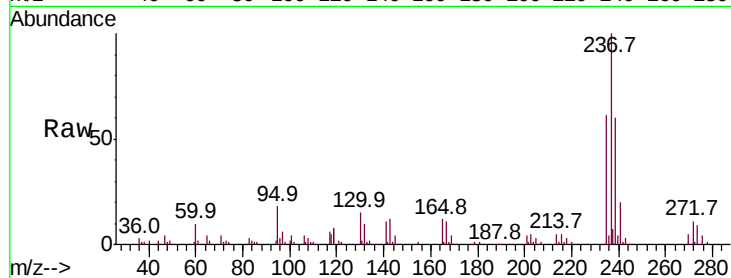
RT: 12.89 min Scan# 1634

Delta R.T. -0.01 min

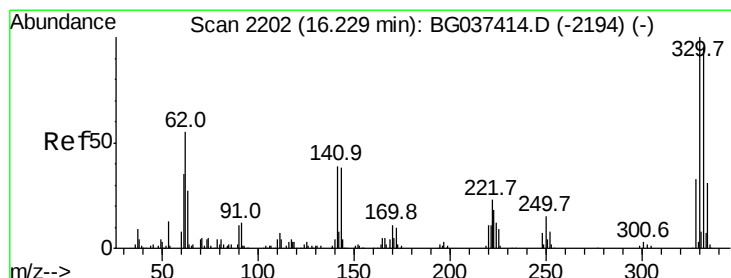
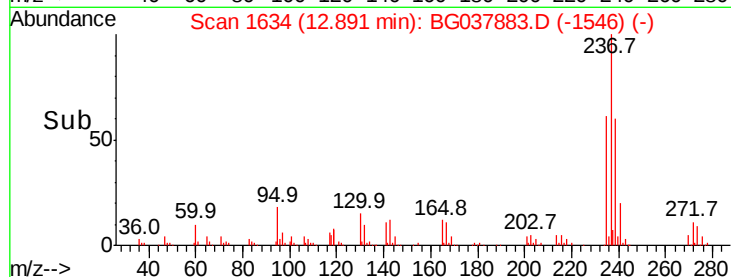
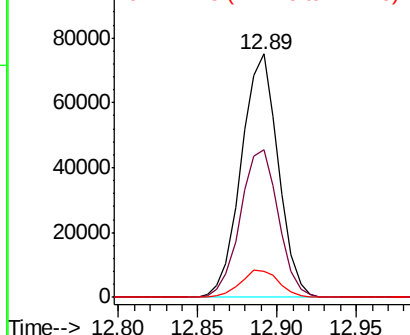
Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 237   | Resp: | 121251 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 60.8  | 42.5  | 82.5   |
| 272      | 10.9  | 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: 80.377 ng

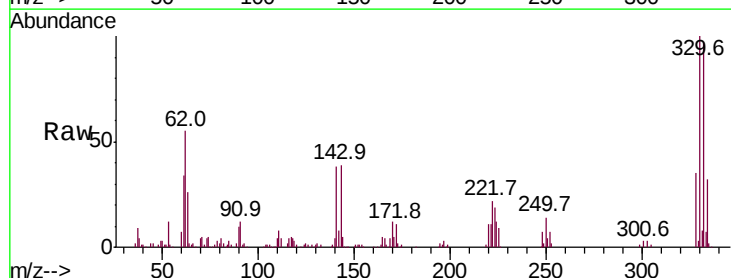
RT: 16.22 min Scan# 2200

Delta R.T. -0.01 min

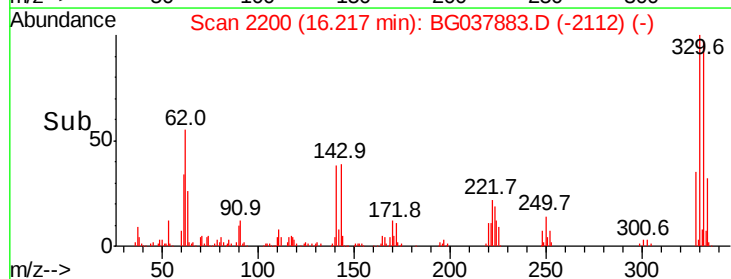
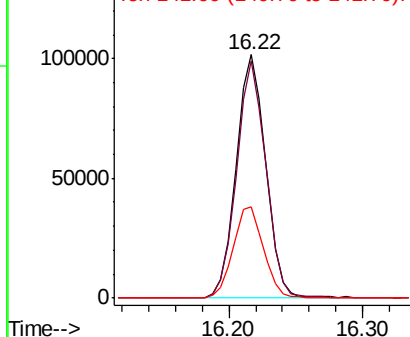
Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 330   | Resp: | 155837 |
| Ion      | Ratio | Lower | Upper  |
| 330      | 100   |       |        |
| 332      | 96.3  | 78.4  | 117.6  |
| 141      | 38.9  | 32.2  | 48.2   |



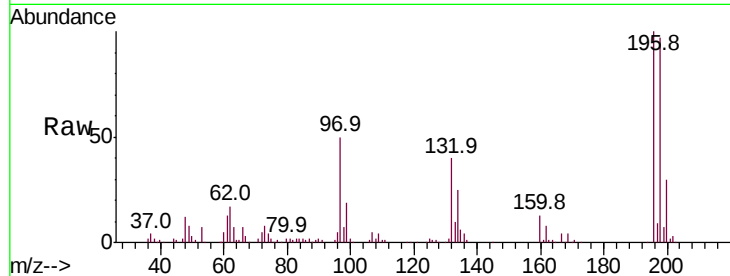
Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E



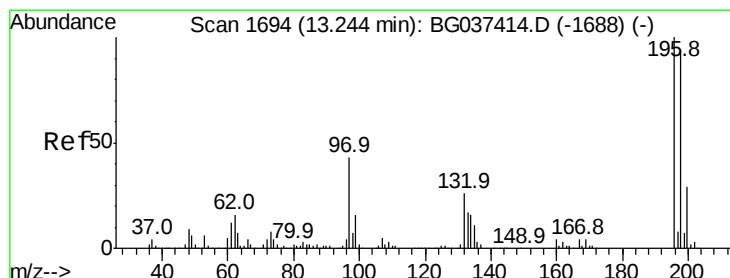
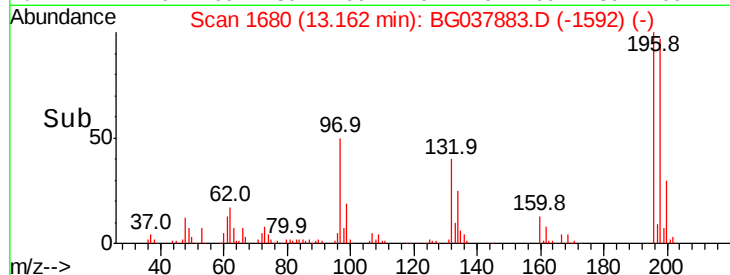
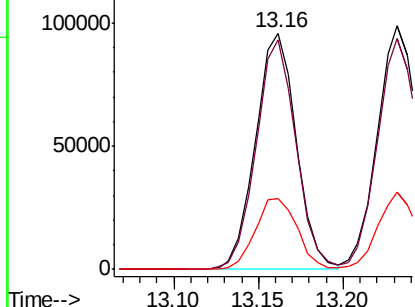


#43  
 2,4,6-Trichlorophenol  
 Concen: 41.823 ng  
 RT: 13.16 min Scan# 1680  
 Delta R.T. -0.01 min  
 Lab File: BG037883.D  
 Acq: 8 Nov 2018 13:26

|             |       |            |
|-------------|-------|------------|
| Tot Ion:196 | Resp: | 160209     |
| Ion Ratio   | Lower | Upper      |
| 196         | 100   |            |
| 198         | 97.1  | 76.4 114.6 |
| 200         | 30.1  | 24.9 37.3  |

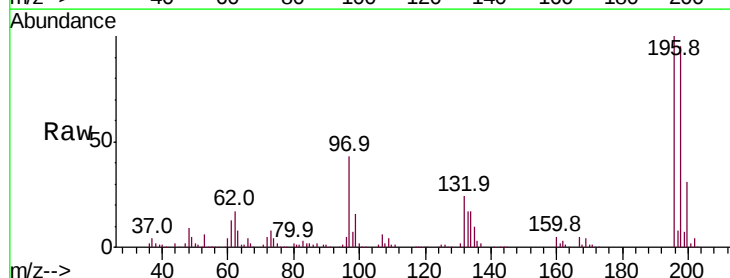


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

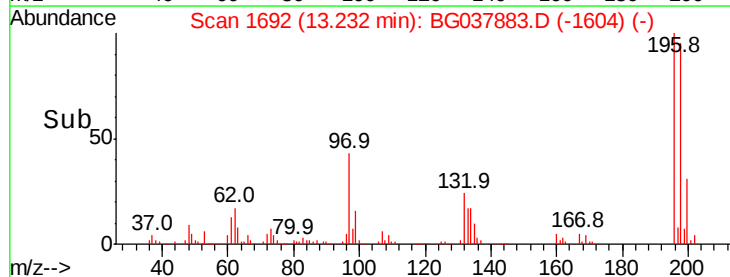
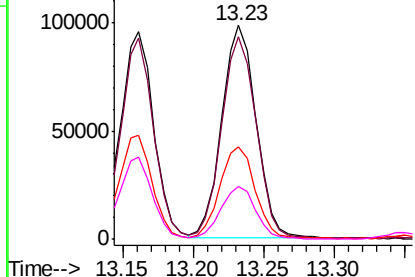


#44  
 2,4,5-Trichlorophenol  
 Concen: 40.084 ng  
 RT: 13.23 min Scan# 1692  
 Delta R.T. -0.01 min  
 Lab File: BG037883.D  
 Acq: 8 Nov 2018 13:26

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:196 | Resp: | 167179     |
| Ion Ratio   | Lower | Upper      |
| 196         | 100   |            |
| 198         | 94.6  | 74.2 111.2 |
| 97          | 43.4  | 34.1 51.1  |
| 132         | 24.4  | 20.2 30.4  |



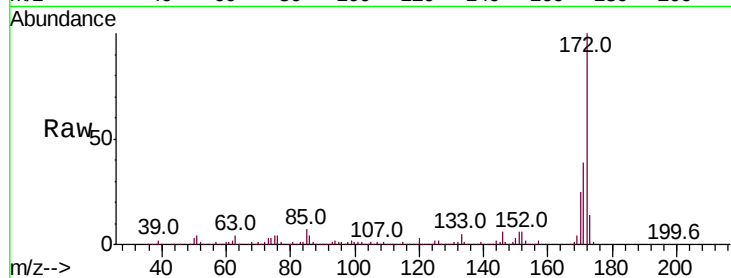
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BGC  
 Ion 132.00 (131.70 to 132.70): E





#45  
 2-Fluorobiphenyl  
 Concen: 80.048 ng  
 RT: 13.35 min Scan# 1712  
 Delta R.T. -0.02 min  
 Lab File: BG037883.D  
 Acq: 8 Nov 2018 13:26

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.8  | 31.0  | 46.4  |
| 170     | 25.5  | 20.2  | 30.2  |

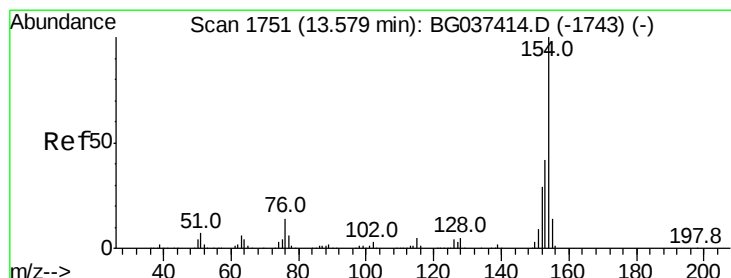
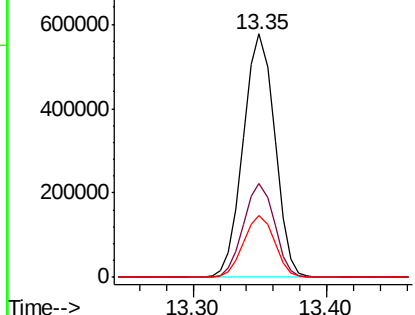
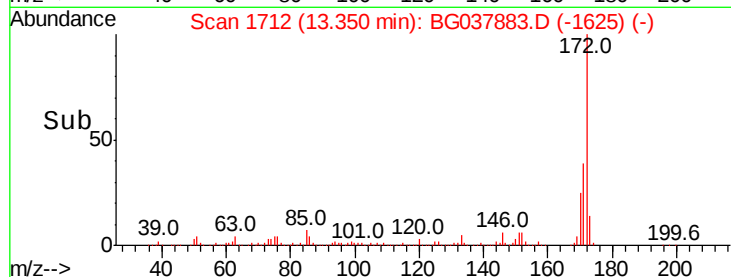


Abundance

Ion 172.00 (171.70 to 172.70): E

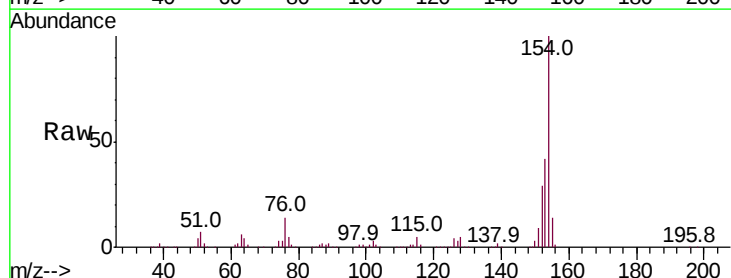
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46  
 1,1'-Biphenyl  
 Concen: 40.232 ng  
 RT: 13.56 min Scan# 1748  
 Delta R.T. -0.02 min  
 Lab File: BG037883.D  
 Acq: 8 Nov 2018 13:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.3  | 22.1  | 62.1  |
| 76      | 14.4  | 0.0   | 33.2  |

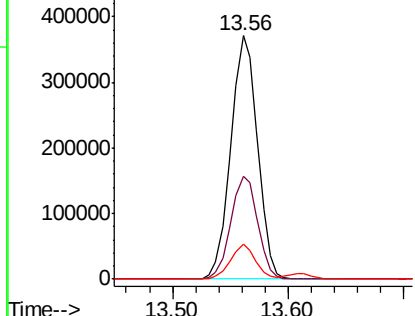
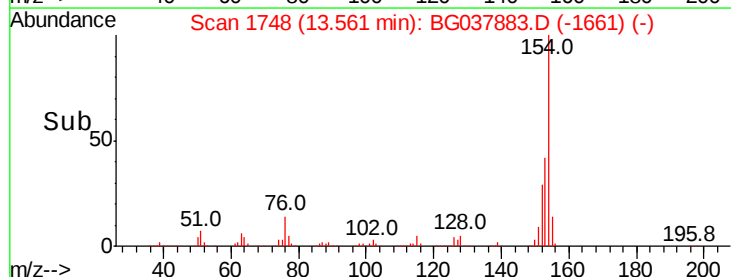


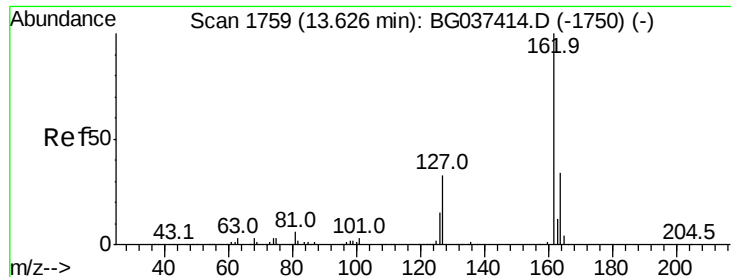
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





#47

2-Chloronaphthalene

Concen: 40.160 ng

RT: 13.61 min Scan# 1756

Delta R.T. -0.02 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

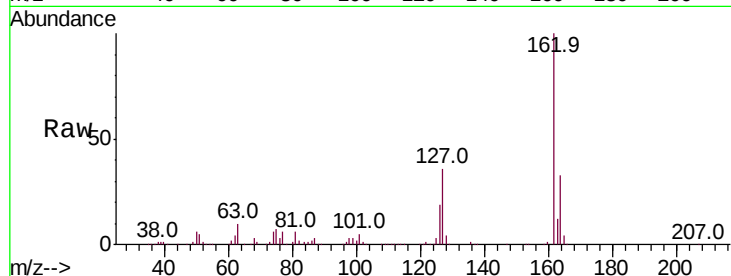
Tot Ion:162 Resp: 447284

Ion Ratio Lower Upper

162 100

127 36.0 30.5 45.7

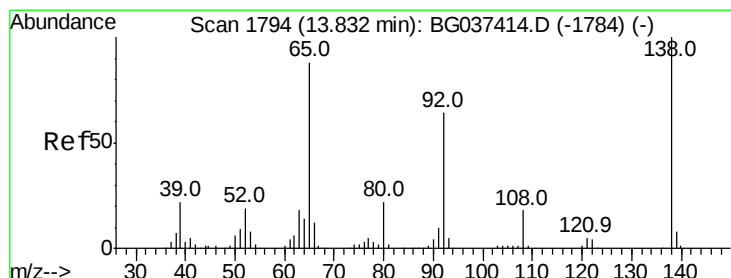
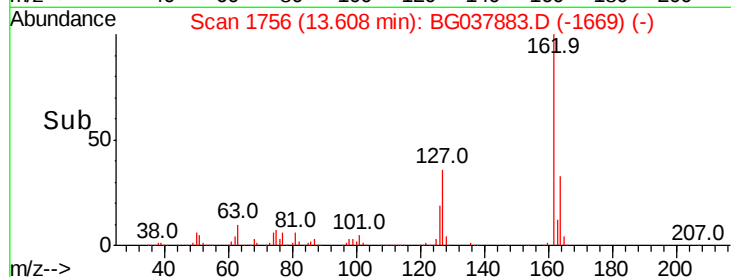
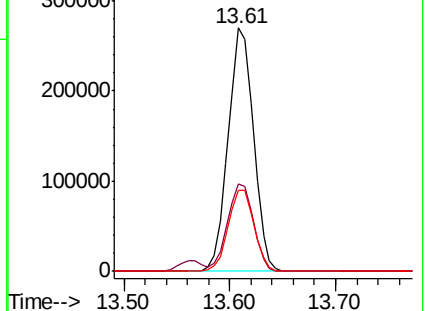
164 33.1 26.4 39.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 42.090 ng

RT: 13.82 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

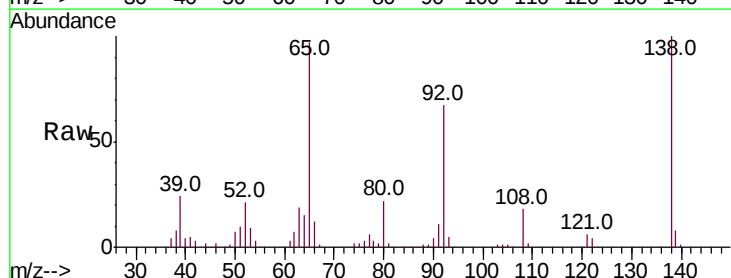
Tgt Ion: 65 Resp: 142157

Ion Ratio Lower Upper

65 100

92 69.0 53.2 79.8

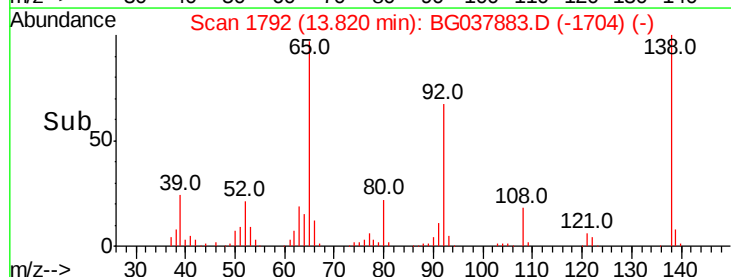
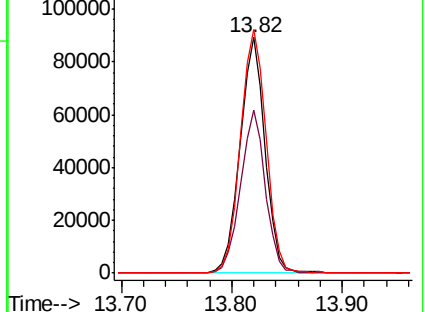
138 103.3 79.3 118.9

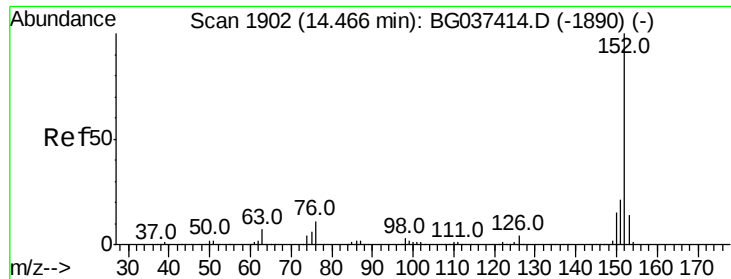


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.187 ng

RT: 14.45 min Scan# 1900

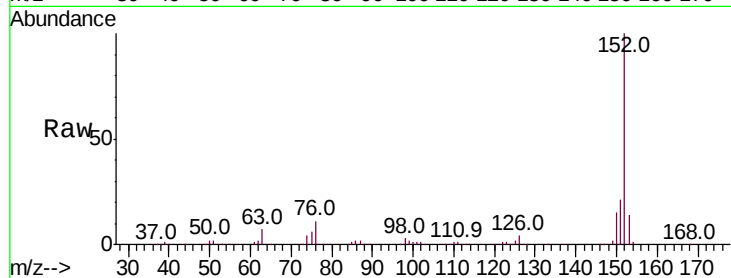
Delta R.T. -0.01 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

Tot Ion:152 Resp: 673299

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 21.3  | 17.1  | 25.7  |
| 153 | 13.7  | 11.1  | 16.7  |

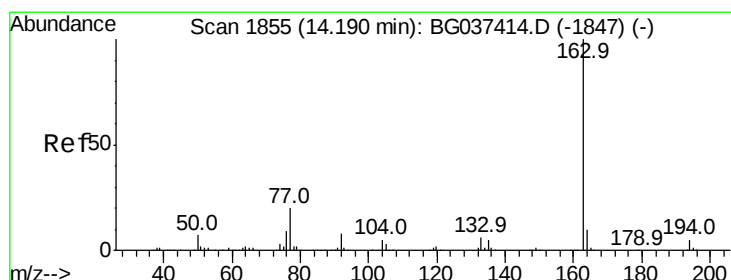
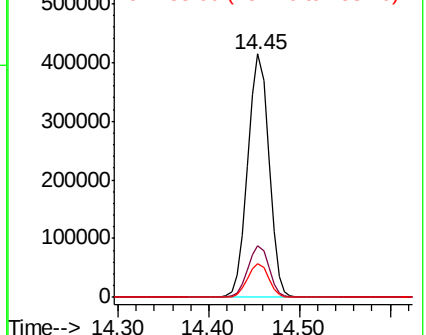
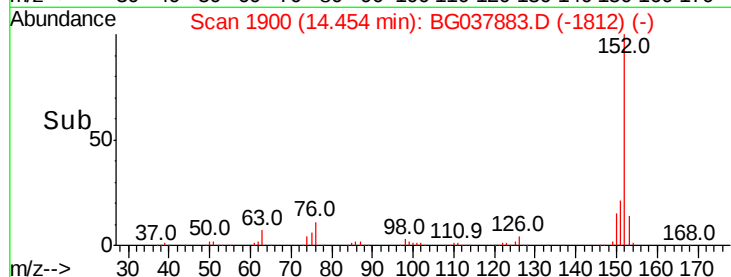


Abundance

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: 39.072 ng

RT: 14.18 min Scan# 1853

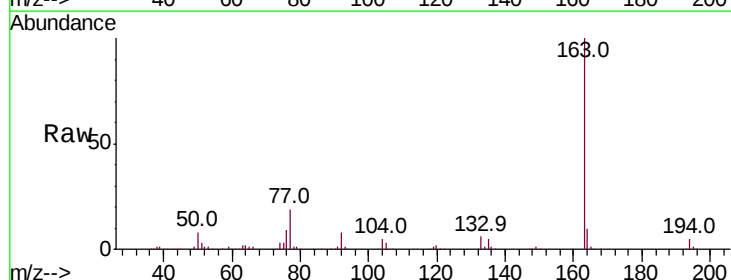
Delta R.T. -0.01 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

Tgt Ion:163 Resp: 537313

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.8   | 3.5   | 5.3   |
| 164 | 10.4  | 8.5   | 12.7  |

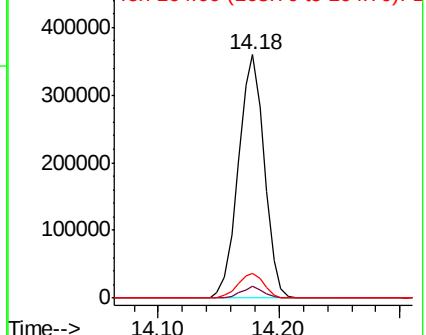
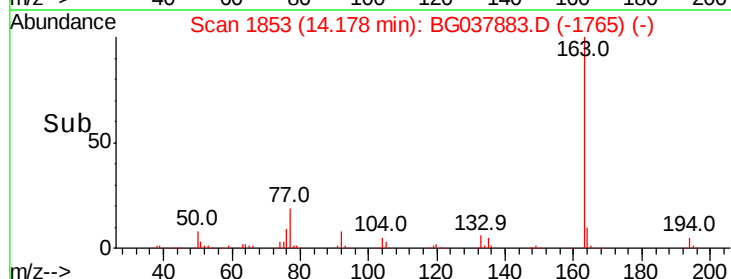


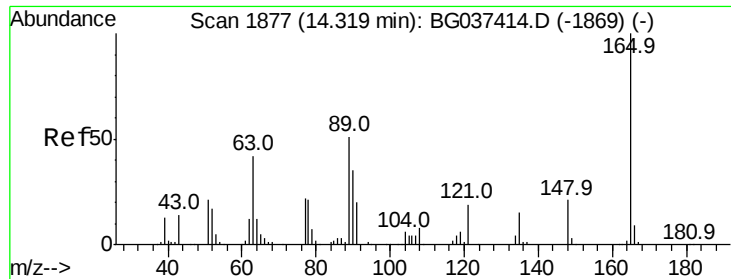
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

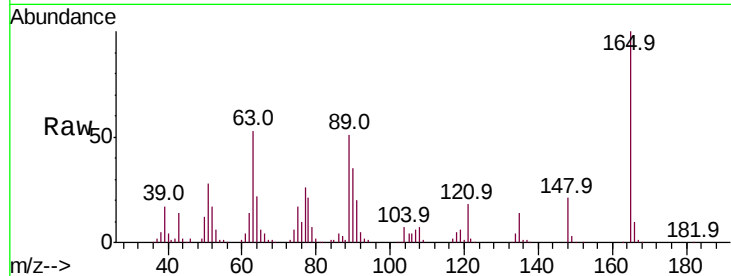
Ion 164.00 (163.70 to 164.70): E



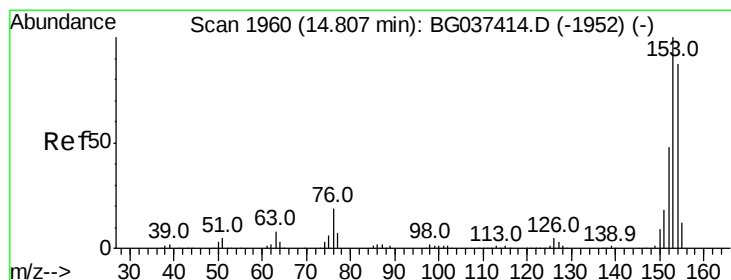
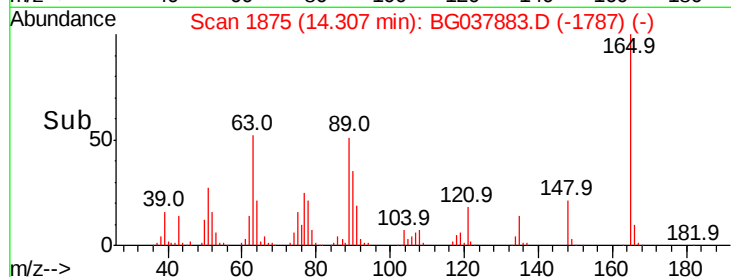
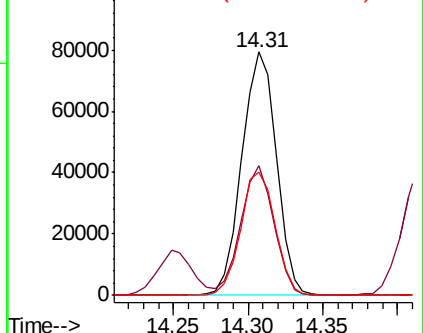


#51  
 2,6-Dinitrotoluene  
 Concen: 41.709 ng  
 RT: 14.31 min Scan# 1875  
 Delta R.T. -0.01 min  
 Lab File: BG037883.D  
 Acq: 8 Nov 2018 13:26

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 53.1  | 43.4  | 65.2  |
| 89      | 50.7  | 45.8  | 68.6  |

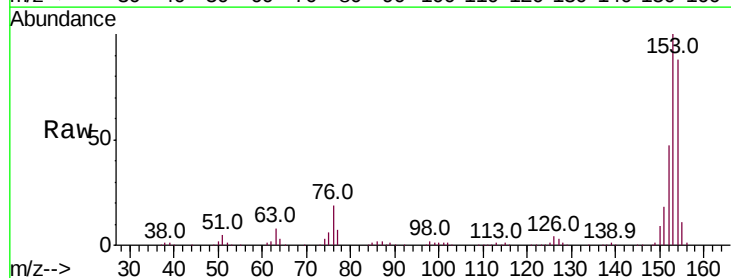


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 89.00 (88.70 to 89.70): BG

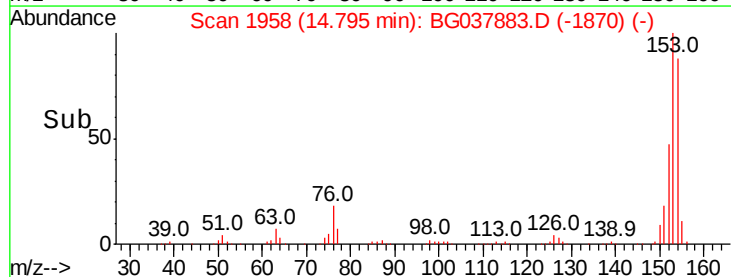
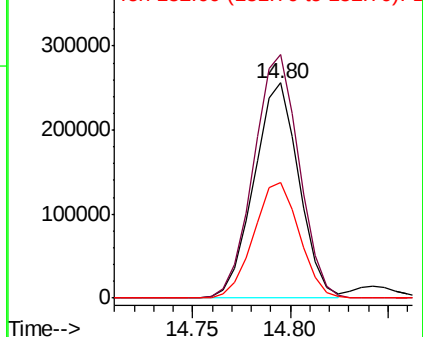


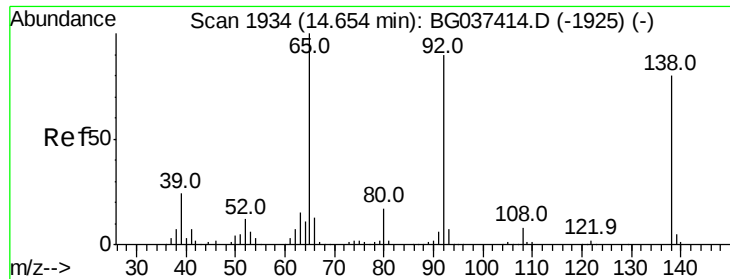
#52  
 Acenaphthene  
 Concen: 39.523 ng  
 RT: 14.80 min Scan# 1958  
 Delta R.T. -0.01 min  
 Lab File: BG037883.D  
 Acq: 8 Nov 2018 13:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 113.1 | 93.4  | 140.0 |
| 152     | 53.6  | 44.7  | 67.1  |



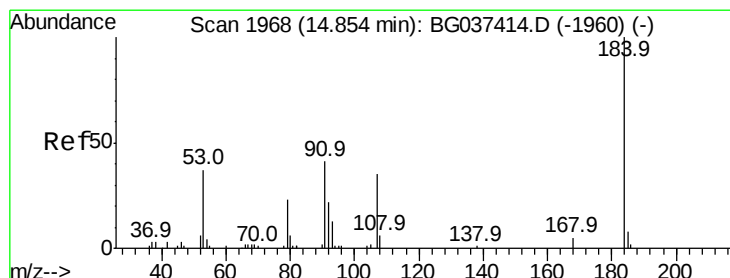
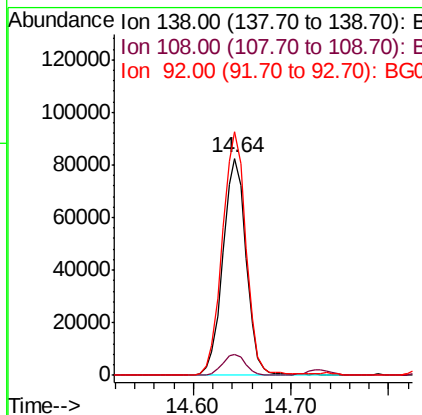
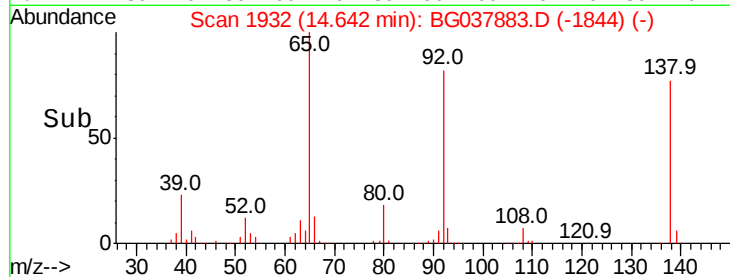
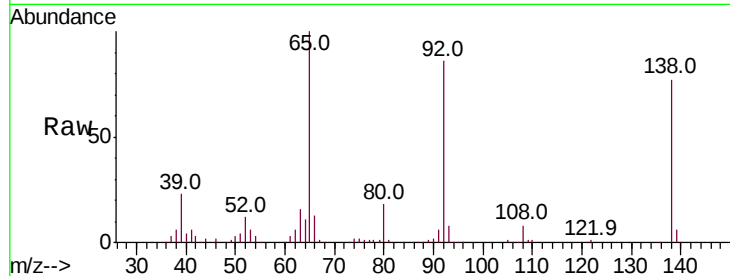
Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 152.00 (151.70 to 152.70): E





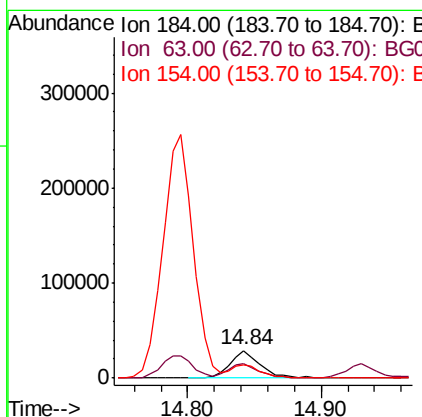
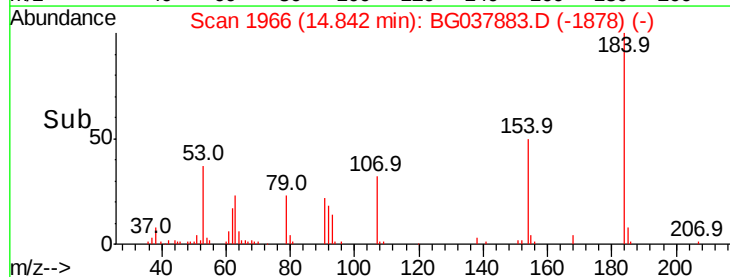
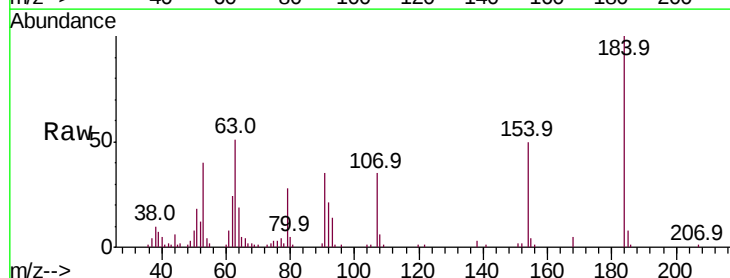
#53  
3-Nitroaniline  
Concen: 40.631 ng  
RT: 14.64 min Scan# 1932  
Delta R.T. -0.01 min  
Lab File: BG037883.D  
Acq: 8 Nov 2018 13:26

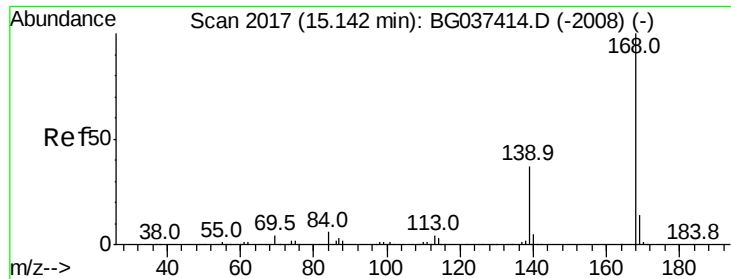
Tot Ion:138 Resp: 137222  
Ion Ratio Lower Upper  
138 100  
108 9.9 11.0 16.6#  
92 112.2 95.2 142.8



#54  
2,4-Dinitrophenol  
Concen: 47.700 ng  
RT: 14.84 min Scan# 1966  
Delta R.T. -0.01 min  
Lab File: BG037883.D  
Acq: 8 Nov 2018 13:26

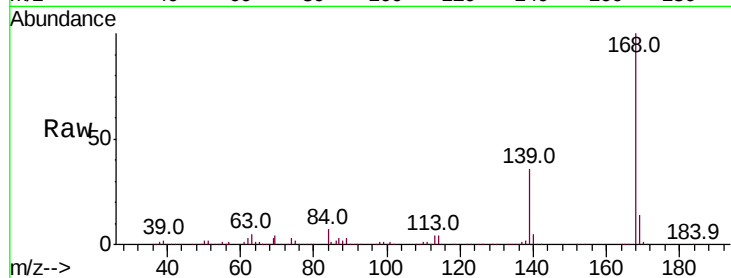
Tgt Ion:184 Resp: 46619  
Ion Ratio Lower Upper  
184 100  
63 51.0 42.6 63.8  
154 50.4 41.8 62.6



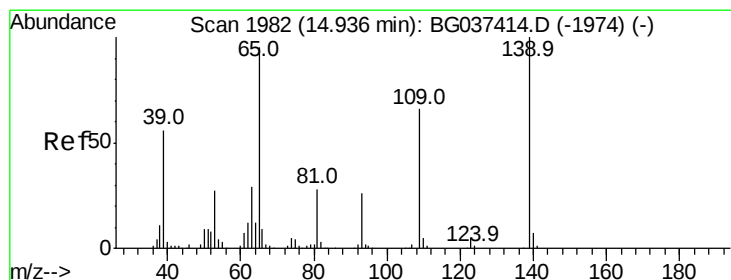
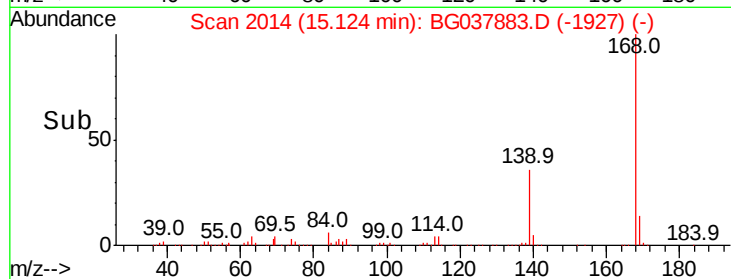
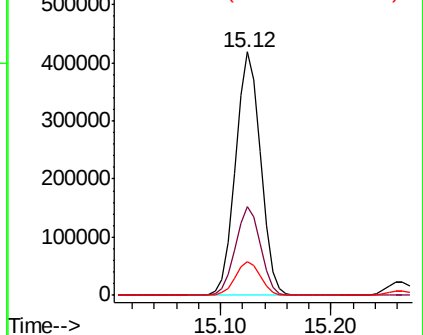


#55  
Dibenzofuran  
Concen: 39.099 ng  
RT: 15.12 min Scan# 2014  
Delta R.T. -0.02 min  
Lab File: BG037883.D  
Acq: 8 Nov 2018 13:26

Tot Ion:168 Resp: 668416  
Ion Ratio Lower Upper  
168 100  
139 36.4 29.4 44.0  
169 14.0 11.0 16.6

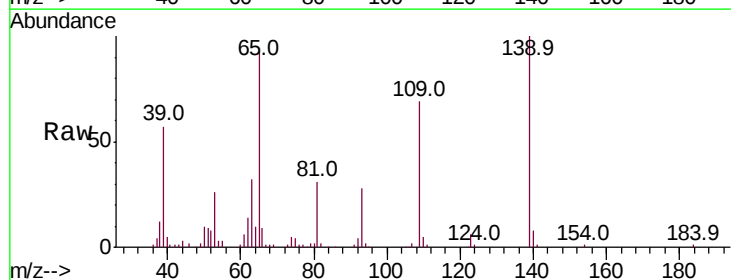


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

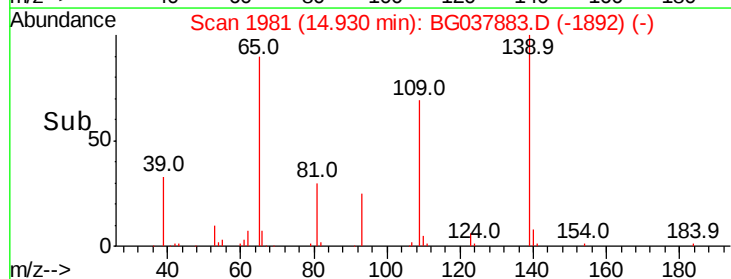
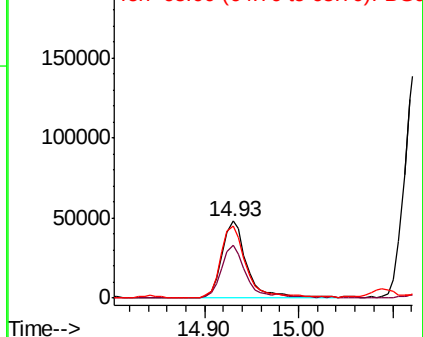


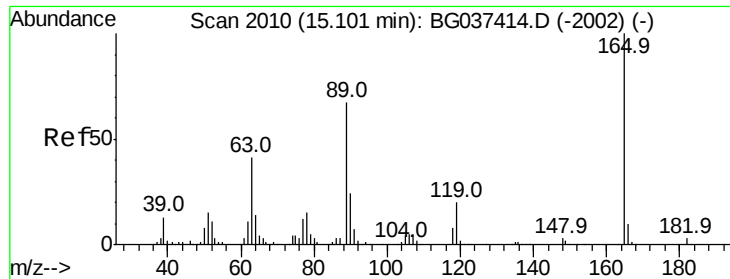
#56  
4-Nitrophenol  
Concen: 36.325 ng  
RT: 14.93 min Scan# 1981  
Delta R.T. -0.01 min  
Lab File: BG037883.D  
Acq: 8 Nov 2018 13:26

Tgt Ion:139 Resp: 90808  
Ion Ratio Lower Upper  
139 100  
109 69.4 49.5 89.5  
65 93.4 76.8 116.8



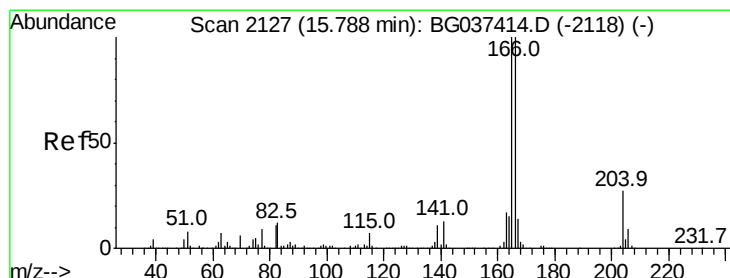
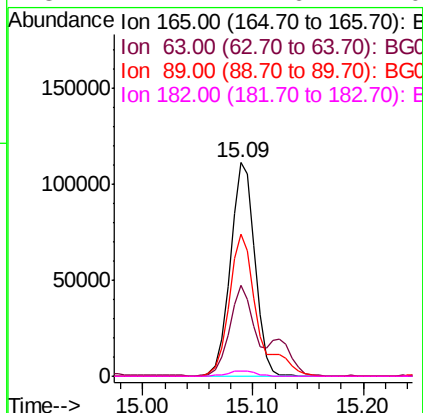
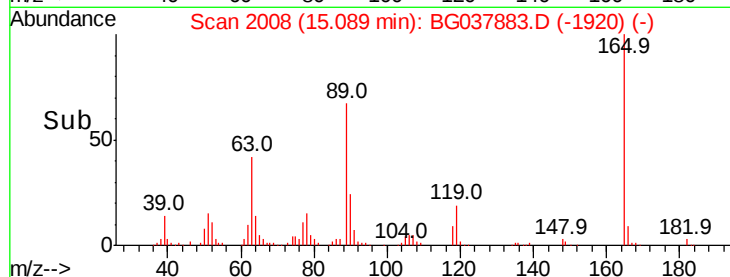
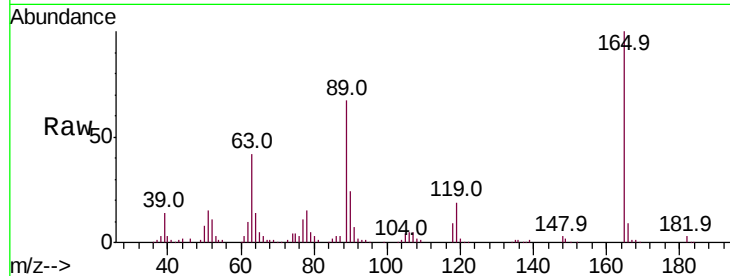
Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BG





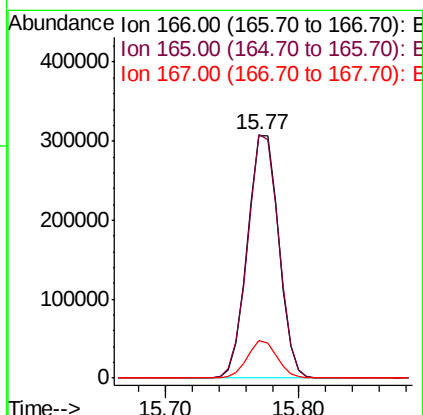
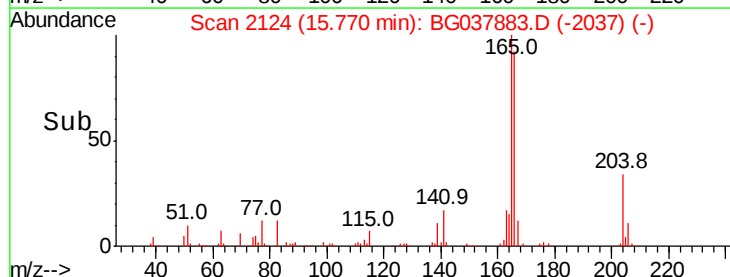
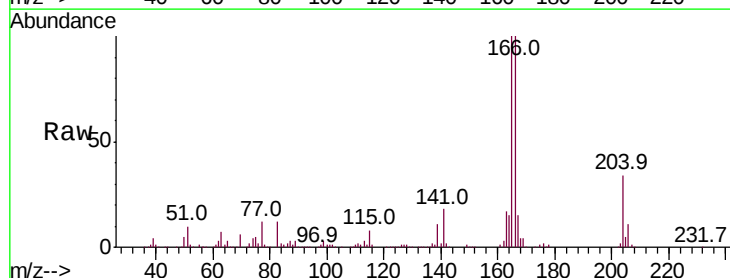
#57  
2,4-Dinitrotoluene  
Concen: 43.152 ng  
RT: 15.09 min Scan# 2008  
Delta R.T. -0.01 min  
Lab File: BG037883.D  
Acq: 8 Nov 2018 13:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 165   | Resp: | 172325 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 42.5  | 33.4  | 50.0   |
| 89       | 66.6  | 57.2  | 85.8   |
| 182      | 2.7   | 2.6   | 4.0    |



#58  
Fluorene  
Concen: 38.722 ng  
RT: 15.77 min Scan# 2124  
Delta R.T. -0.02 min  
Lab File: BG037883.D  
Acq: 8 Nov 2018 13:26

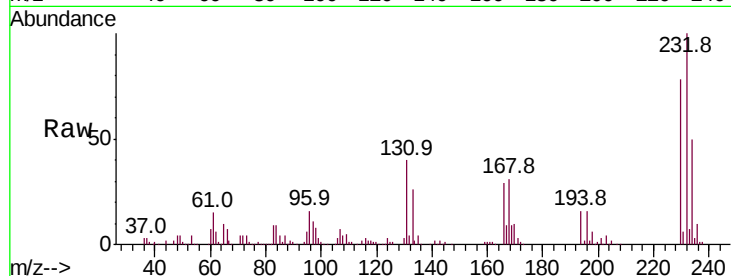
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 495724 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 100.4 | 79.0  | 118.6  |
| 167      | 15.5  | 11.3  | 16.9   |



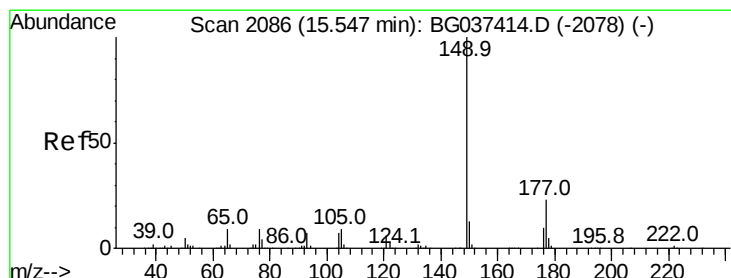
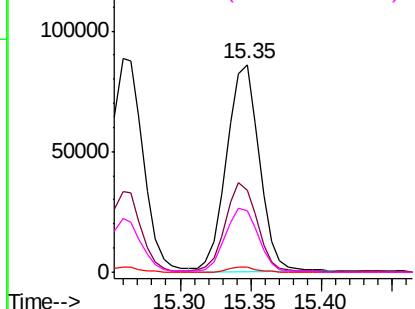
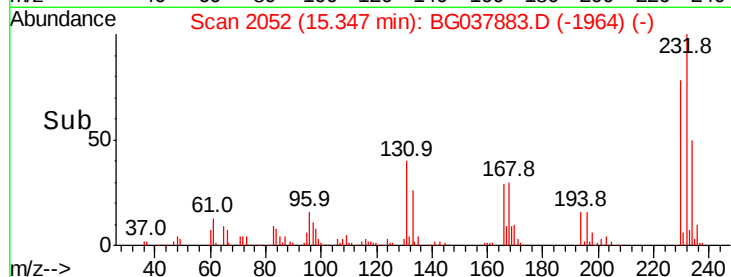


#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 38.829 ng  
 RT: 15.35 min Scan# 2052  
 Delta R.T. -0.01 min  
 Lab File: BG037883.D  
 Acq: 8 Nov 2018 13:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 138657 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 42.5  | 33.7  | 50.5   |
| 130      | 2.2   | 2.1   | 3.1    |
| 166      | 30.9  | 24.6  | 36.8   |

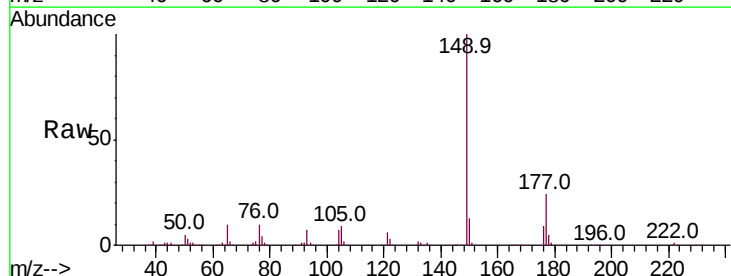


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

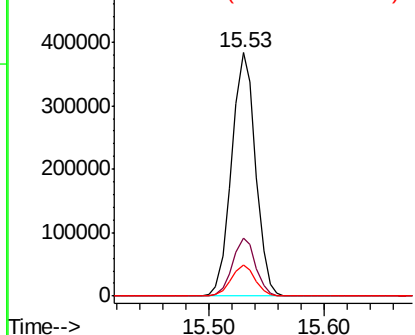
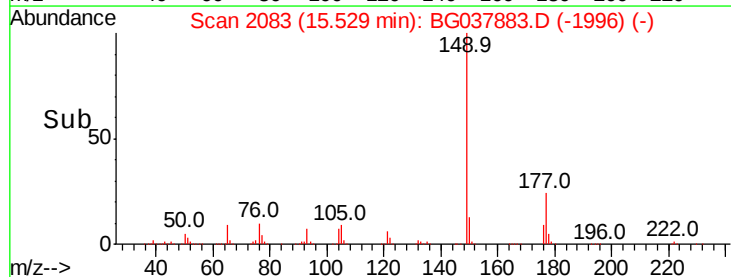


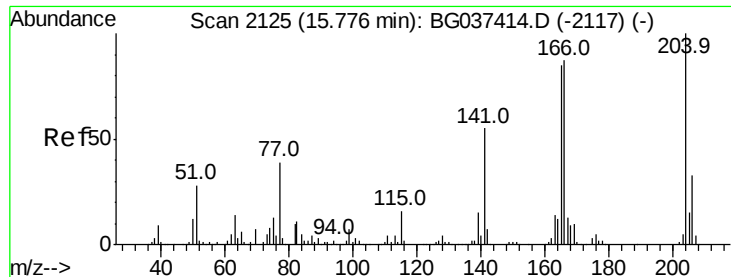
#60  
 Diethylphthalate  
 Concen: 38.929 ng  
 RT: 15.53 min Scan# 2083  
 Delta R.T. -0.02 min  
 Lab File: BG037883.D  
 Acq: 8 Nov 2018 13:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 549620 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 23.6  | 18.3  | 27.5   |
| 150      | 12.7  | 10.0  | 15.0   |



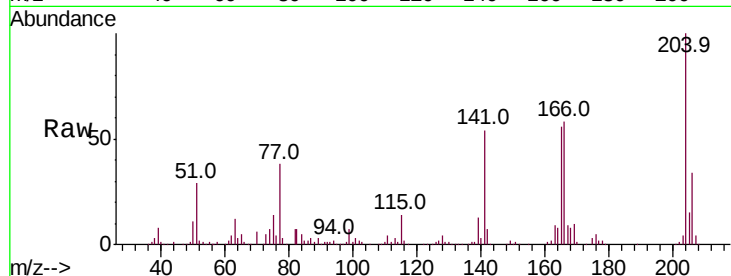
Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 177.00 (176.70 to 177.70): E  
 Ion 150.00 (149.70 to 150.70): E





#61  
 4-Chlorophenyl-phenylether  
 Concen: 39.127 ng  
 RT: 15.76 min Scan# 2122  
 Delta R.T. -0.02 min  
 Lab File: BG037883.D  
 Acq: 8 Nov 2018 13:26

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.0  | 26.6  | 39.8  |
| 141     | 53.7  | 45.4  | 68.2  |

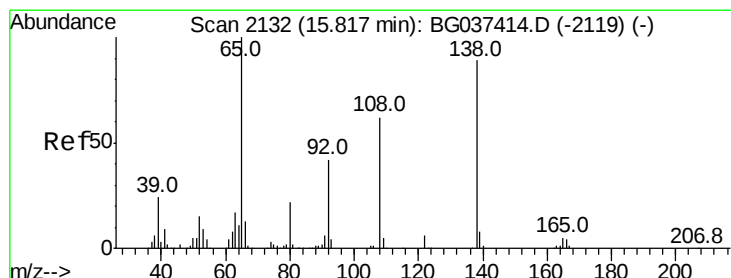
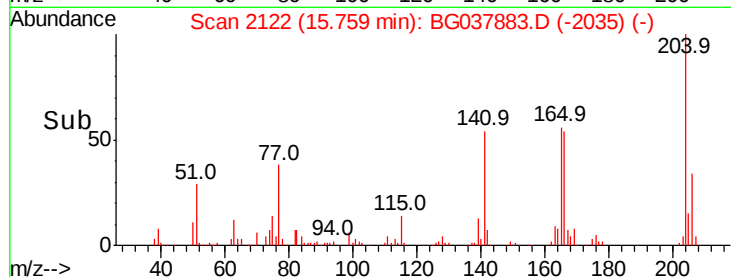
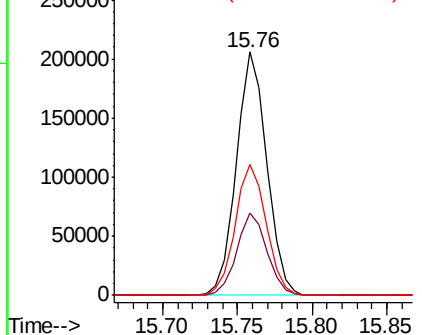


Abundance

Ion 204.00 (203.70 to 204.70): E

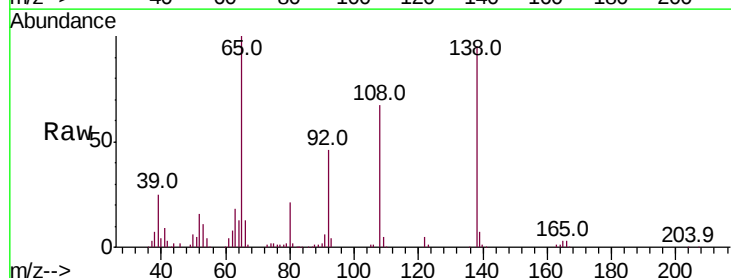
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
 4-Nitroaniline  
 Concen: 40.359 ng  
 RT: 15.81 min Scan# 2130  
 Delta R.T. -0.01 min  
 Lab File: BG037883.D  
 Acq: 8 Nov 2018 13:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 48.8  | 36.4  | 76.4  |
| 108     | 70.6  | 60.1  | 100.1 |

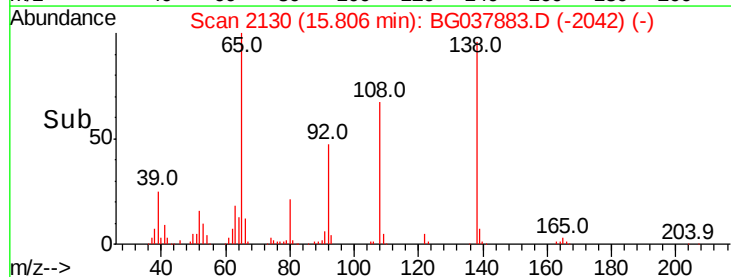
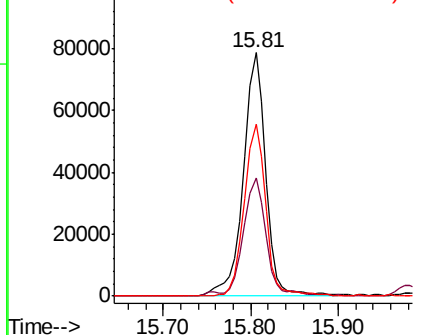


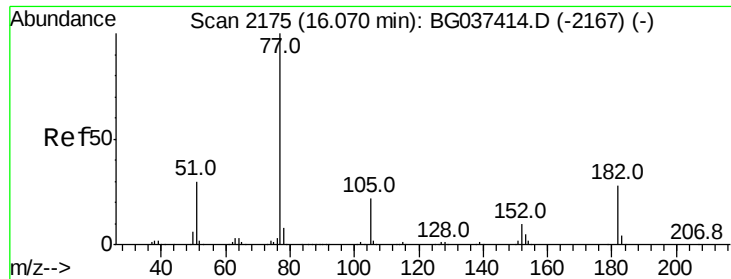
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

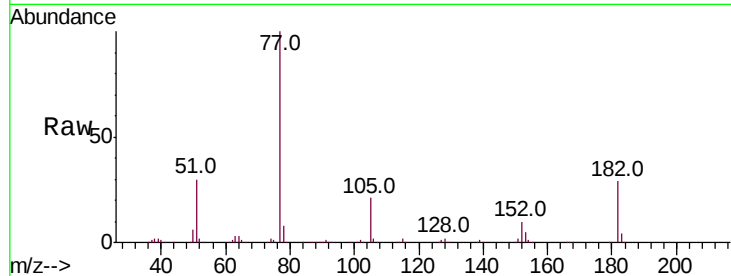
Ion 108.00 (107.70 to 108.70): E



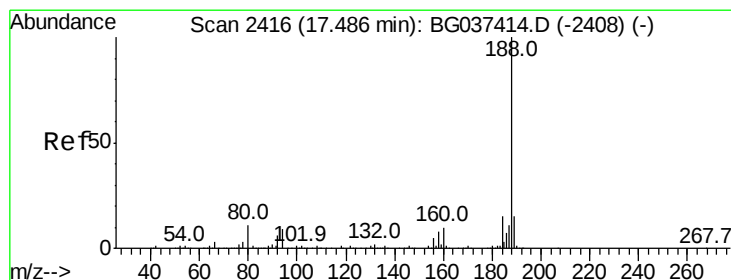
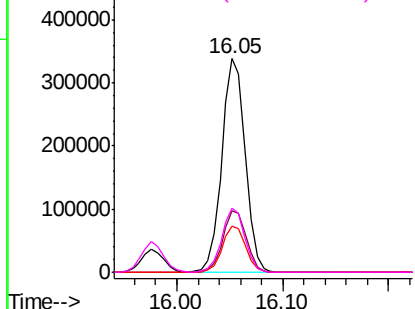
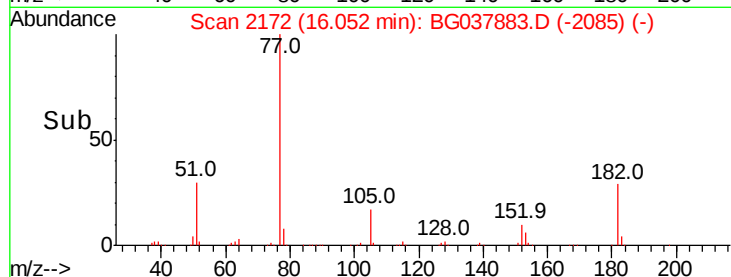


#63  
Azobenzene  
Concen: 38.304 ng  
RT: 16.05 min Scan# 2172  
Delta R.T. -0.02 min  
Lab File: BG037883.D  
Acq: 8 Nov 2018 13:26

Tot Ion: 77 Resp: 515979  
Ion Ratio Lower Upper  
77 100  
182 28.8 8.0 48.0  
105 21.5 1.3 41.3  
51 30.2 10.7 50.7

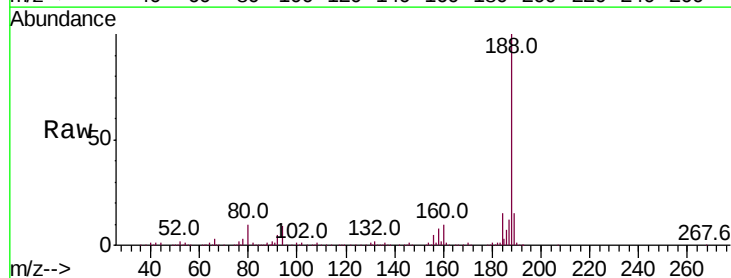


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

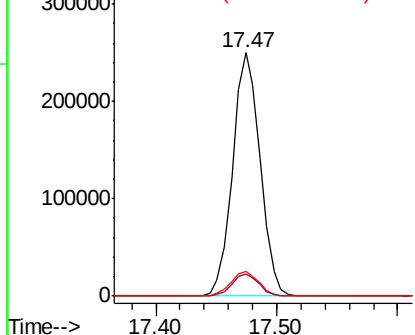
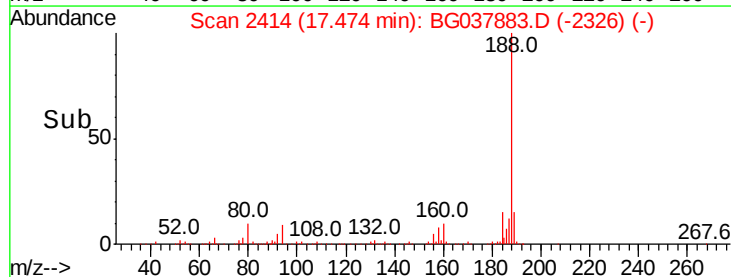


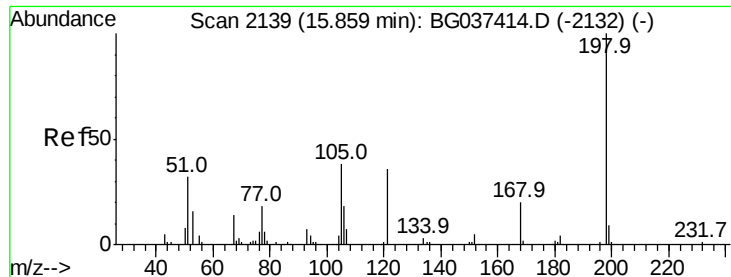
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.47 min Scan# 2414  
Delta R.T. -0.01 min  
Lab File: BG037883.D  
Acq: 8 Nov 2018 13:26

Tgt Ion: 188 Resp: 395568  
Ion Ratio Lower Upper  
188 100  
94 9.0 7.2 10.8  
80 10.0 7.7 11.5



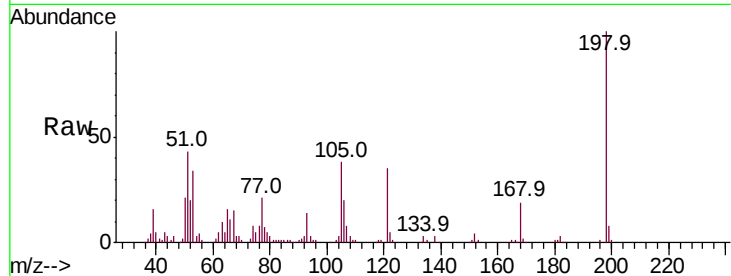
Abundance Ion 188.00 (187.70 to 188.70): BGC  
Ion 94.00 (93.70 to 94.70): BGC  
Ion 80.00 (79.70 to 80.70): BGC



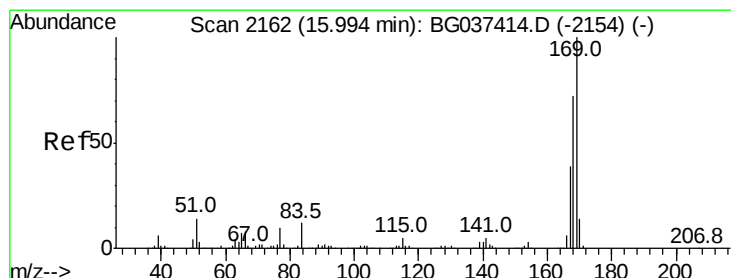
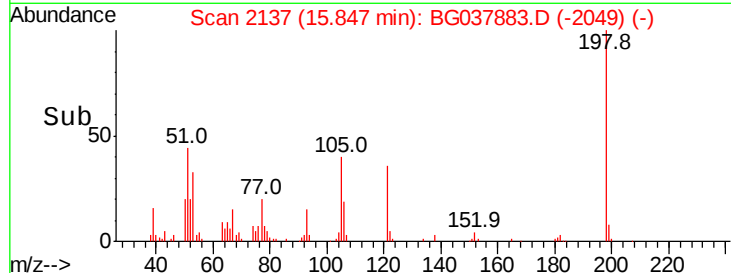
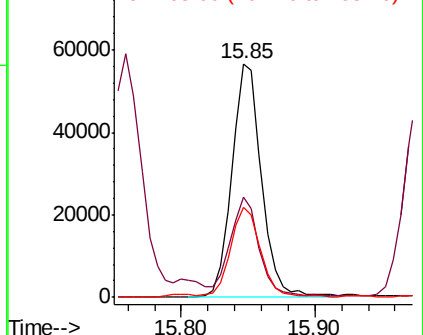


#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.277 ng  
RT: 15.85 min Scan# 2137  
Delta R.T. -0.01 min  
Lab File: BG037883.D  
Acq: 8 Nov 2018 13:26

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 42.7  | 22.7  | 62.7  |
| 105     | 38.4  | 19.7  | 59.7  |

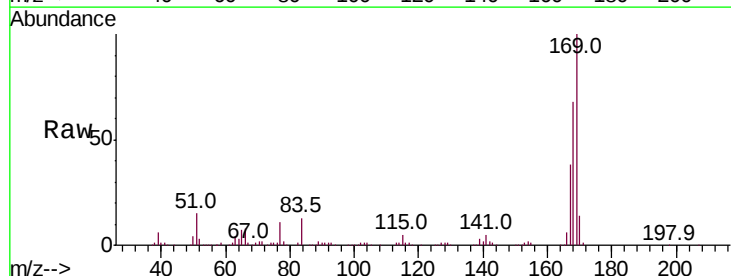


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BG  
Ion 105.00 (104.70 to 105.70): E

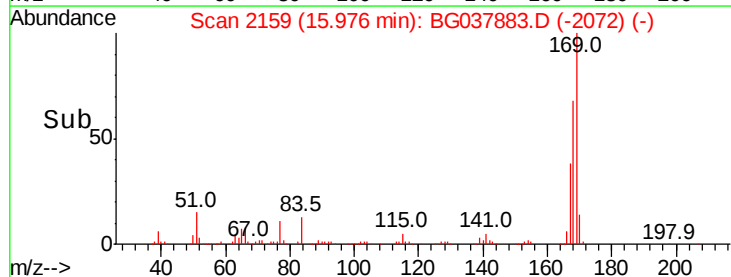
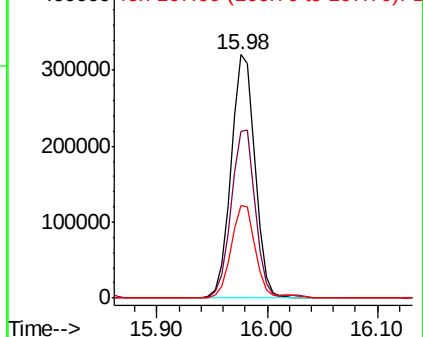


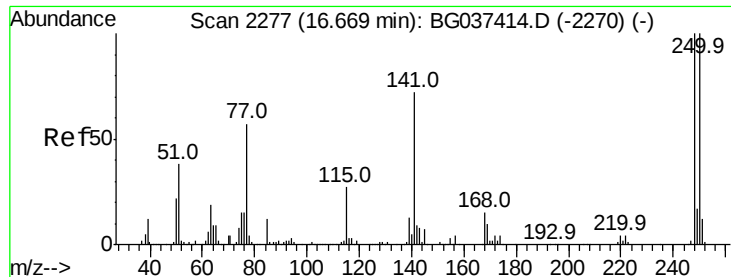
#66  
n-Nitrosodiphenylamine  
Concen: 40.996 ng  
RT: 15.98 min Scan# 2159  
Delta R.T. -0.02 min  
Lab File: BG037883.D  
Acq: 8 Nov 2018 13:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 68.5  | 55.7  | 83.5  |
| 167     | 37.9  | 31.3  | 46.9  |



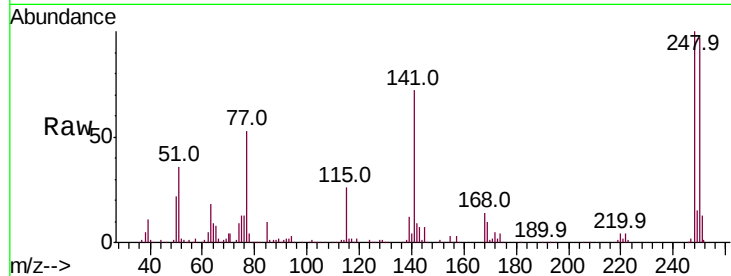
Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E





#67  
 4-Bromophenyl-phenylether  
 Concen: 41.063 ng  
 RT: 16.66 min Scan# 2275  
 Delta R.T. -0.01 min  
 Lab File: BG037883.D  
 Acq: 8 Nov 2018 13:26

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.9  | 77.0  | 115.6 |
| 141     | 71.6  | 55.5  | 83.3  |

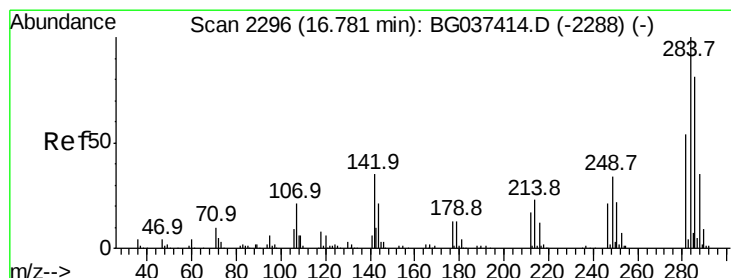
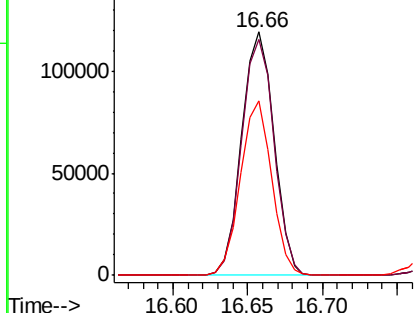
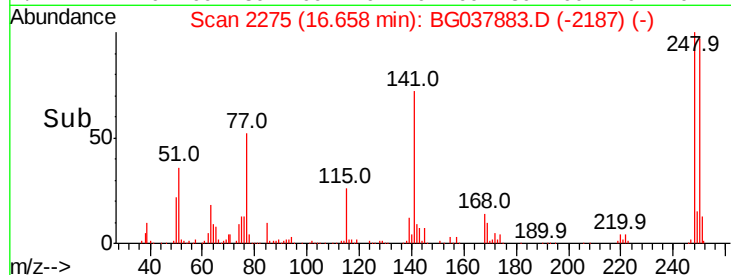


Abundance

Ion 248.00 (247.70 to 248.70): E

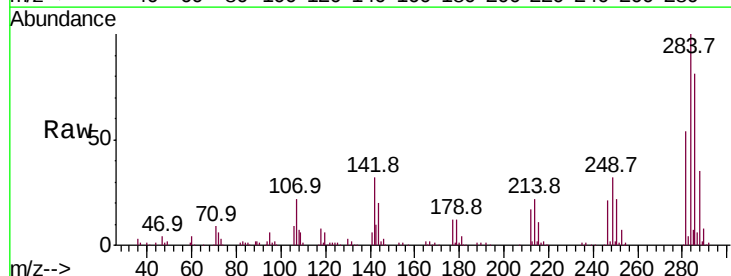
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
 Hexachlorobenzene  
 Concen: 40.043 ng  
 RT: 16.77 min Scan# 2294  
 Delta R.T. -0.01 min  
 Lab File: BG037883.D  
 Acq: 8 Nov 2018 13:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 32.2  | 28.1  | 42.1  |
| 249     | 33.7  | 29.8  | 44.8  |

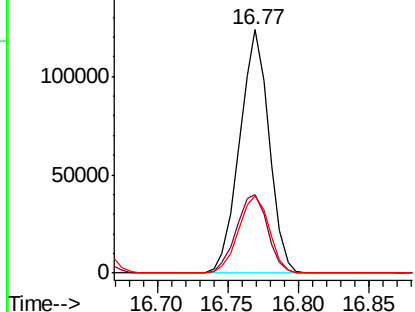
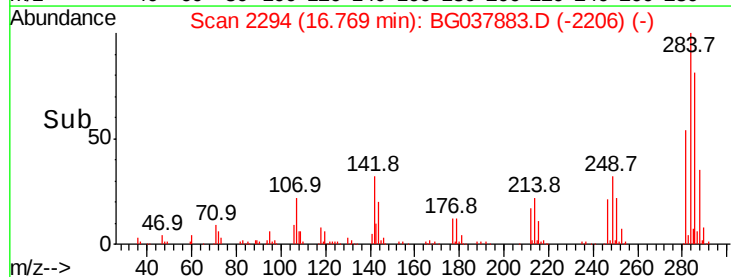


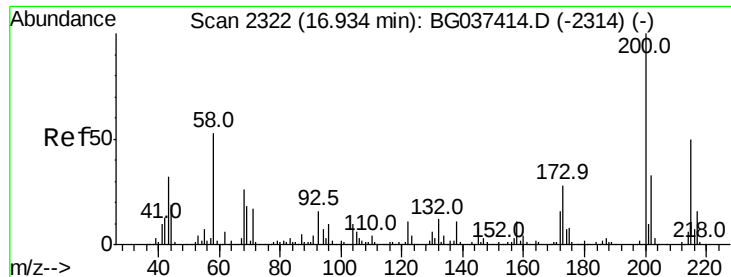
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

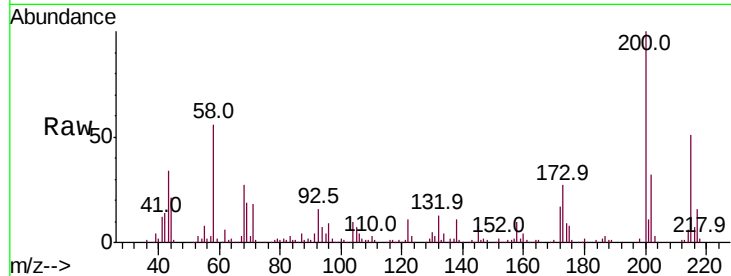
Ion 249.00 (248.70 to 249.70): E



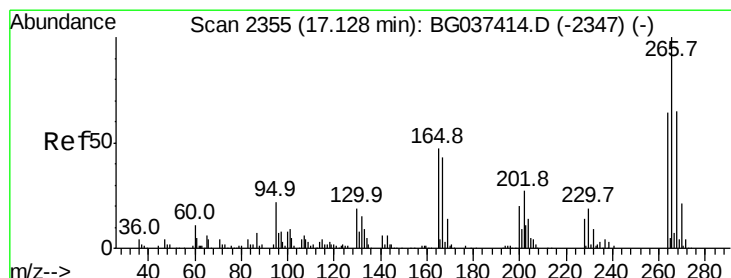
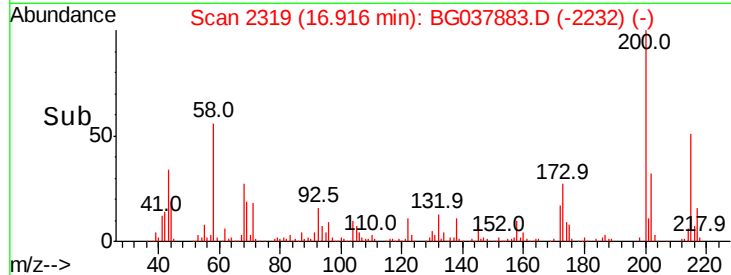
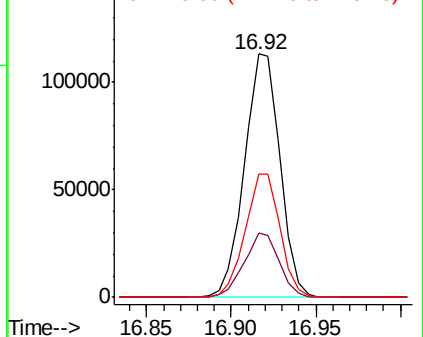


#69  
 Atrazine  
 Concen: 38.464 ng  
 RT: 16.92 min Scan# 2319  
 Delta R.T. -0.02 min  
 Lab File: BG037883.D  
 Acq: 8 Nov 2018 13:26

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.7  | 6.1   | 46.1  |
| 215     | 50.5  | 30.8  | 70.8  |

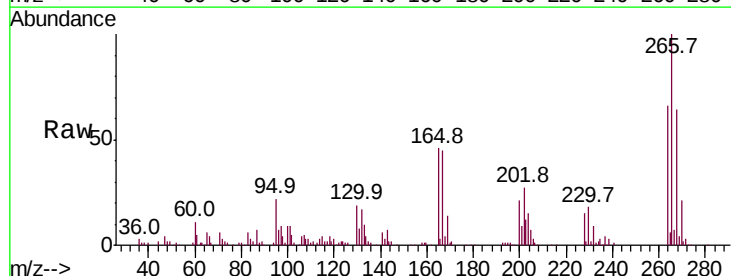


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

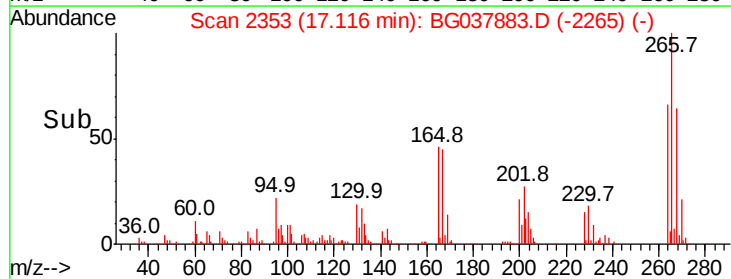
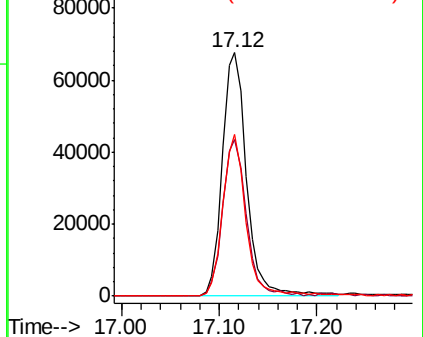


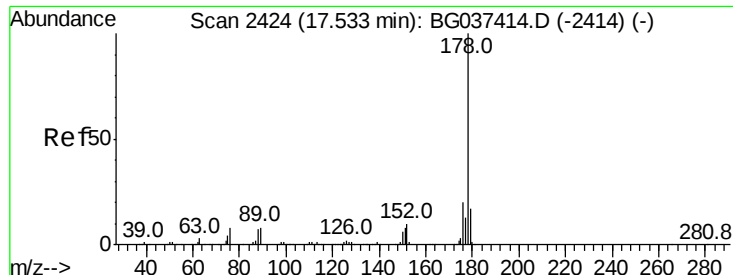
#70  
 Pentachlorophenol  
 Concen: 38.870 ng  
 RT: 17.12 min Scan# 2353  
 Delta R.T. -0.01 min  
 Lab File: BG037883.D  
 Acq: 8 Nov 2018 13:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 68.5  | 55.0  | 82.6  |
| 264     | 72.4  | 58.9  | 88.3  |



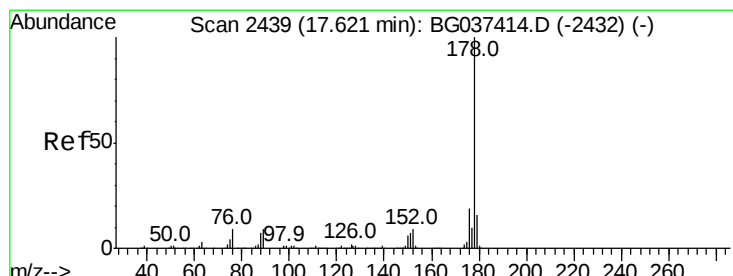
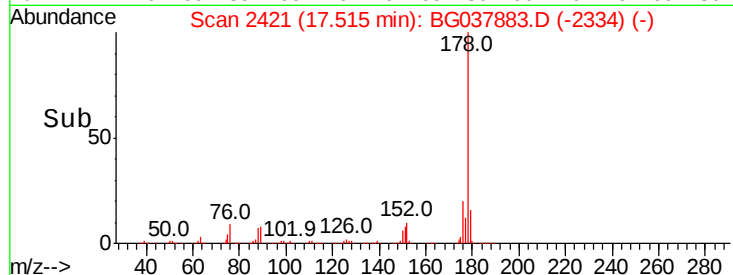
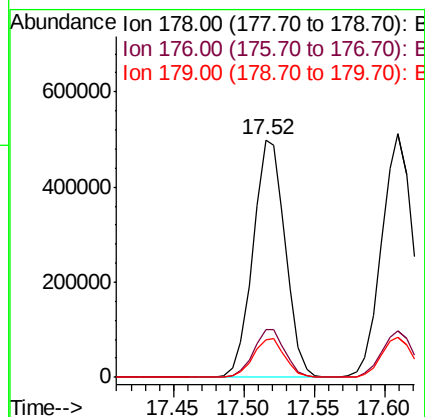
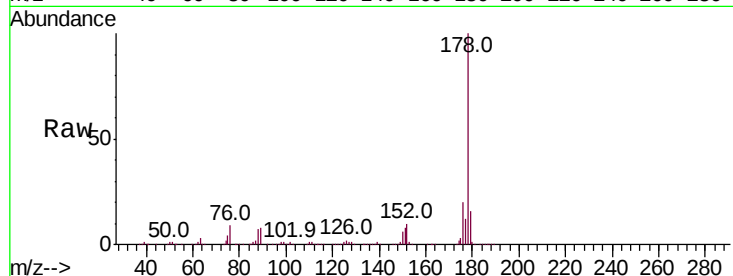
Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E





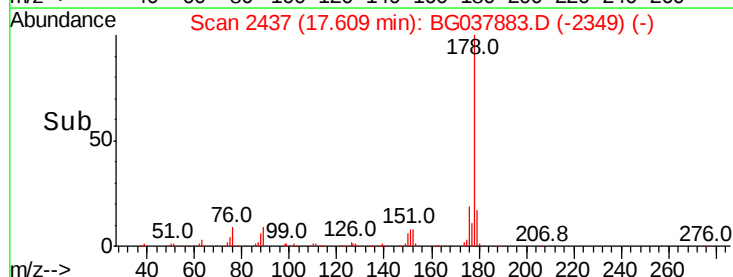
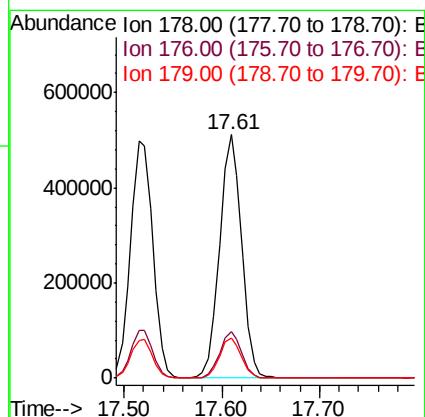
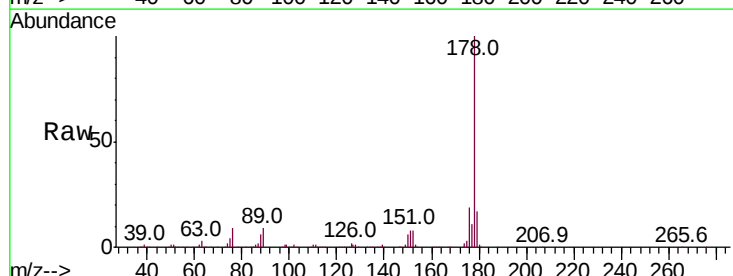
#71  
Phenanthrene  
Concen: 39.750 ng  
RT: 17.52 min Scan# 2421  
Delta R.T. -0.02 min  
Lab File: BG037883.D  
Acq: 8 Nov 2018 13:26

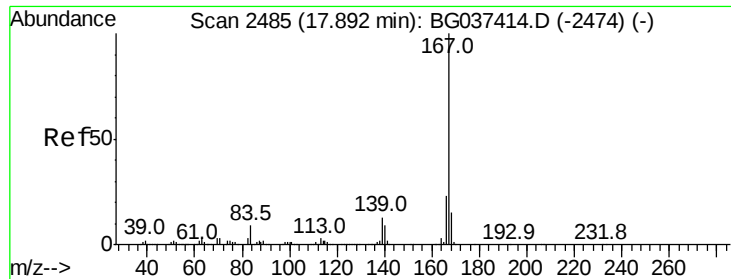
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.1  | 16.1  | 24.1  |
| 179     | 15.6  | 13.0  | 19.4  |



#72  
Anthracene  
Concen: 40.332 ng  
RT: 17.61 min Scan# 2437  
Delta R.T. -0.01 min  
Lab File: BG037883.D  
Acq: 8 Nov 2018 13:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.3  | 15.0  | 22.4  |
| 179     | 16.7  | 12.8  | 19.2  |





#73

Carbazole

Concen: 40.375 ng

RT: 17.88 min Scan# 2483

Delta R.T. -0.01 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

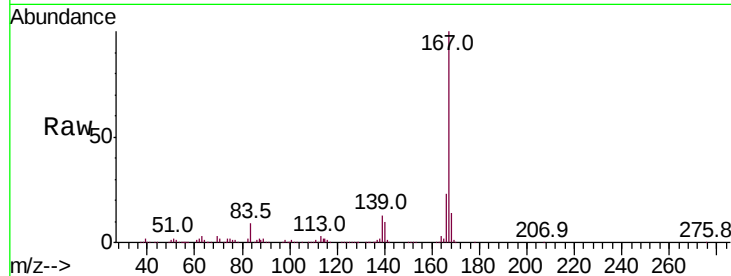
Tot Ion:167 Resp: 796806

Ion Ratio Lower Upper

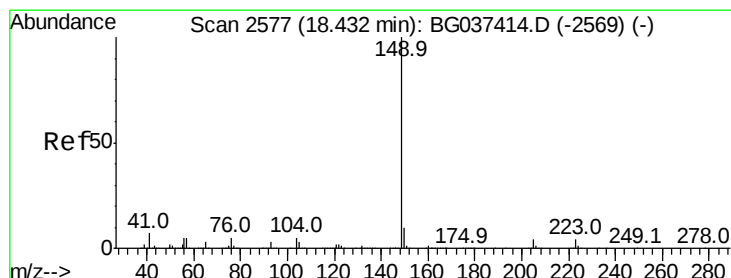
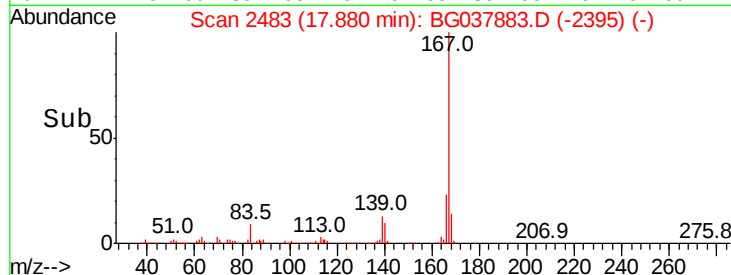
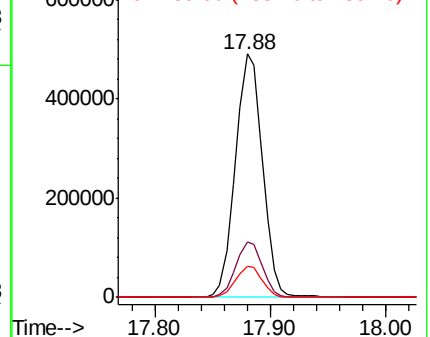
167 100

166 23.0 18.3 27.5

139 12.8 10.5 15.7



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



#74

Di-n-butylphthalate

Concen: 41.052 ng

RT: 18.41 min Scan# 2574

Delta R.T. -0.02 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

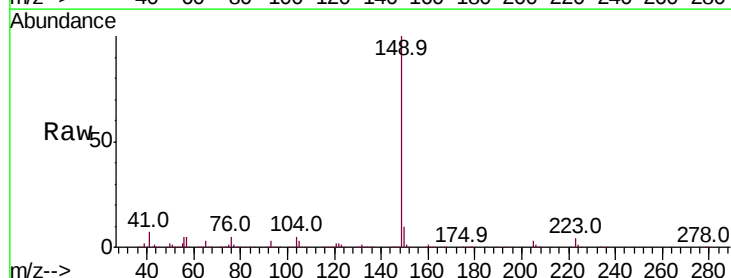
Tgt Ion:149 Resp: 901245

Ion Ratio Lower Upper

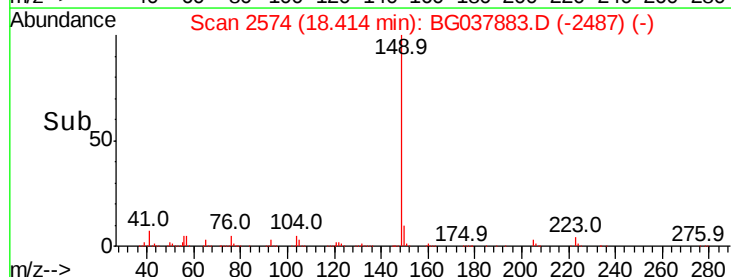
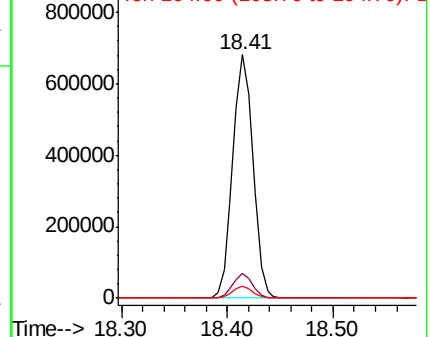
149 100

150 10.1 8.2 12.2

104 5.0 4.0 6.0



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





#75

Fluoranthene

Concen: 39.848 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.01 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

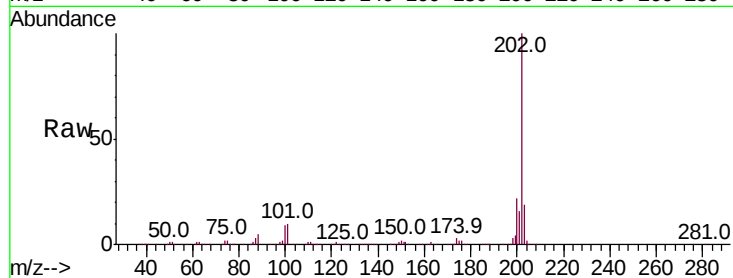
Tot Ion:202 Resp: 908608

Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.7

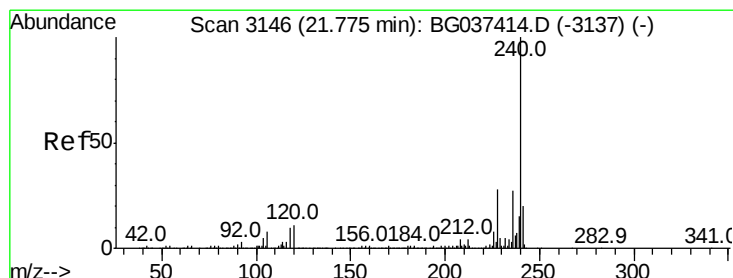
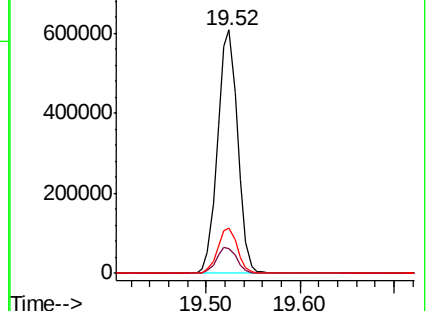
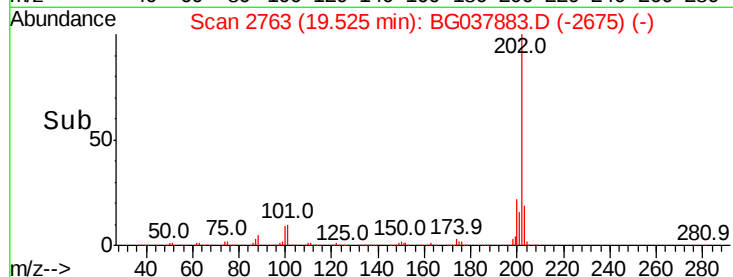
203 18.8 0.0 38.5



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# 3143

Delta R.T. -0.02 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

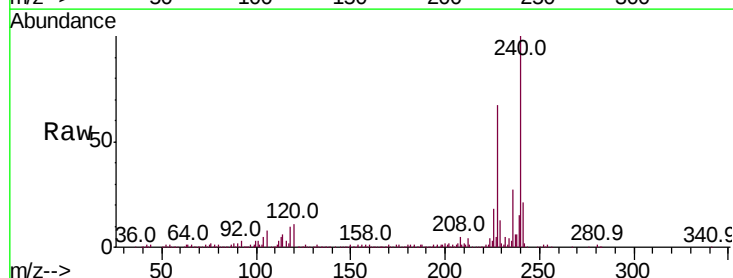
Tgt Ion:240 Resp: 353190

Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

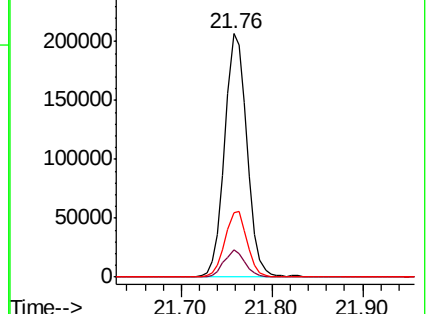
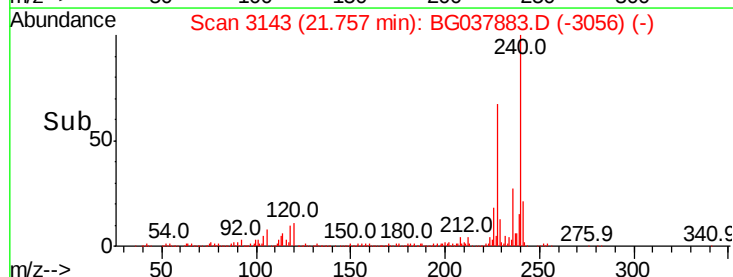
236 26.7 21.4 32.0

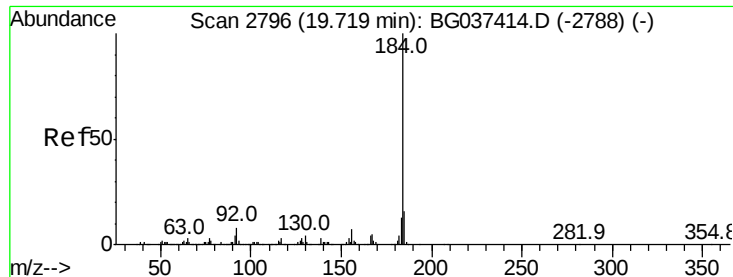


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.157 ng

RT: 19.71 min Scan# 2794

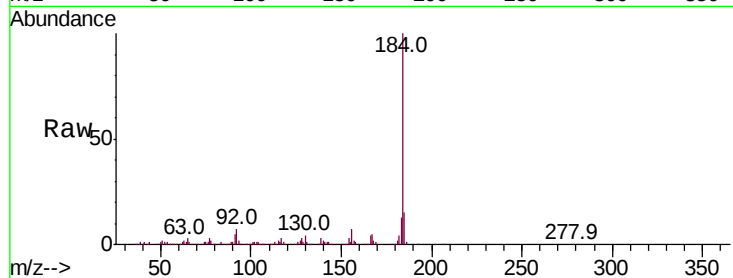
Delta R.T. -0.01 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

Tot Ion:184 Resp: 458237

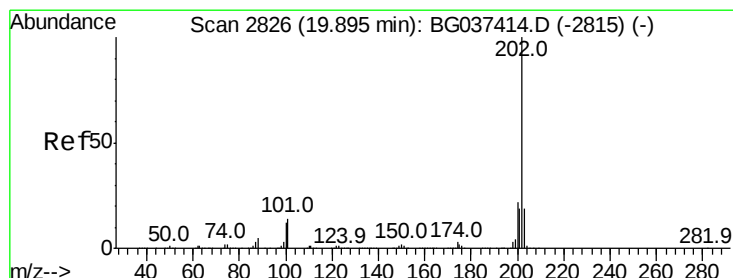
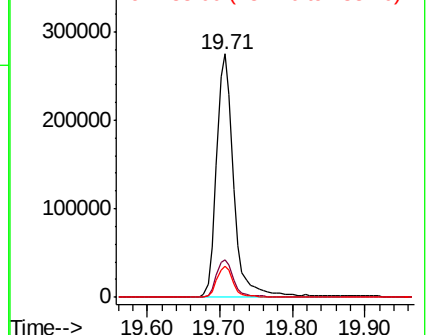
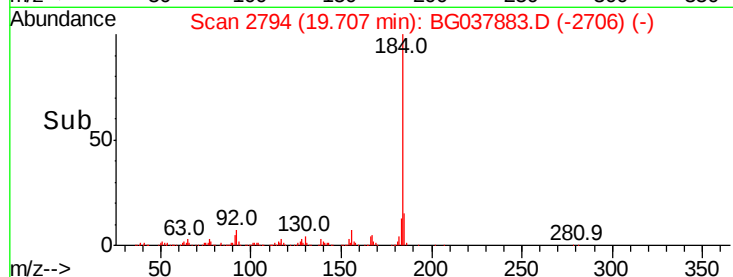
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 15.4  | 12.6  | 18.8  |
| 183 | 12.5  | 10.2  | 15.2  |



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: 40.172 ng

RT: 19.88 min Scan# 2824

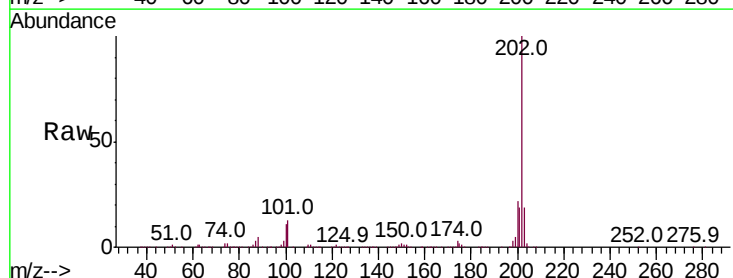
Delta R.T. -0.01 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

Tgt Ion:202 Resp: 927508

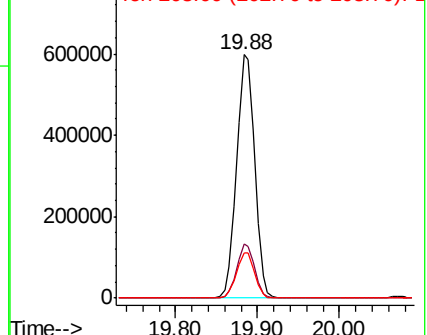
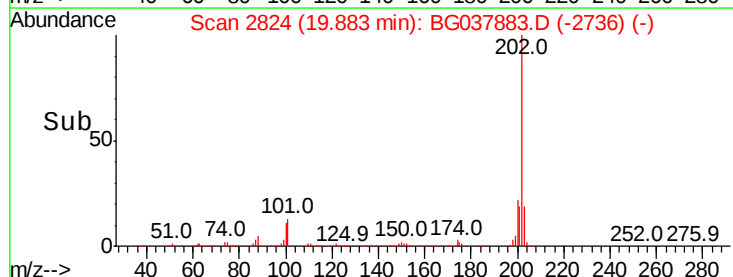
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 22.2  | 17.8  | 26.6  |
| 203 | 18.8  | 15.2  | 22.8  |

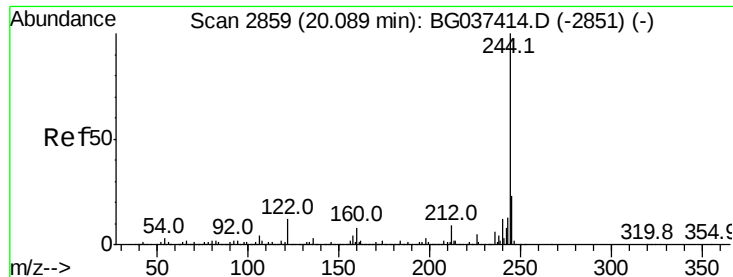


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.166 ng

RT: 20.08 min Scan# 2857

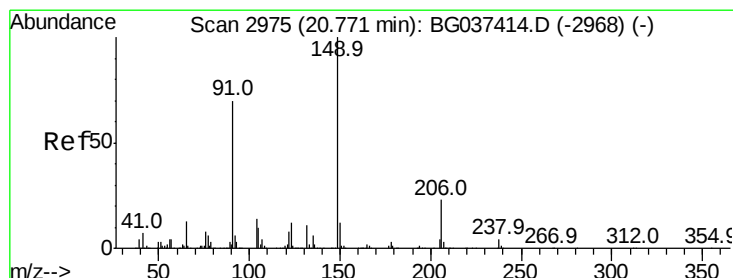
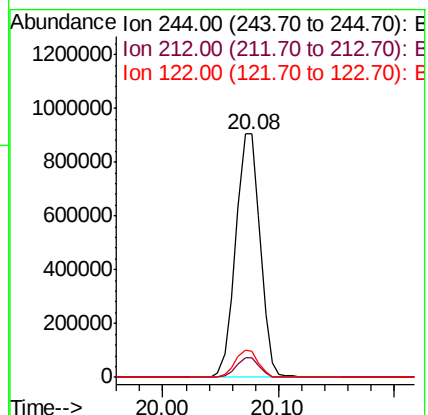
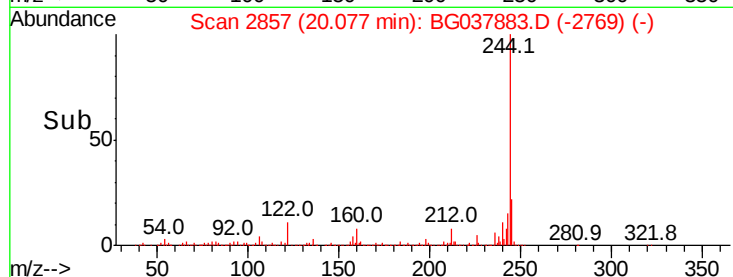
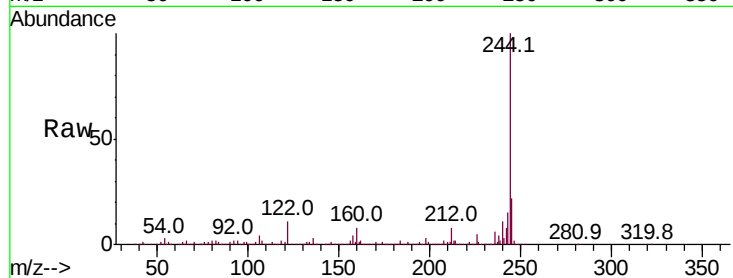
Delta R.T. -0.01 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

Tot Ion:244 Resp: 1325085

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



#80

Butylbenzylphthalate

Concen: 42.698 ng

RT: 20.75 min Scan# 2972

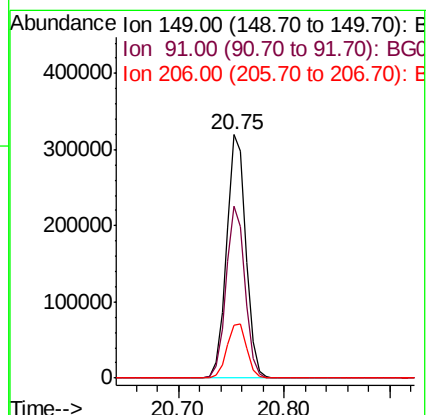
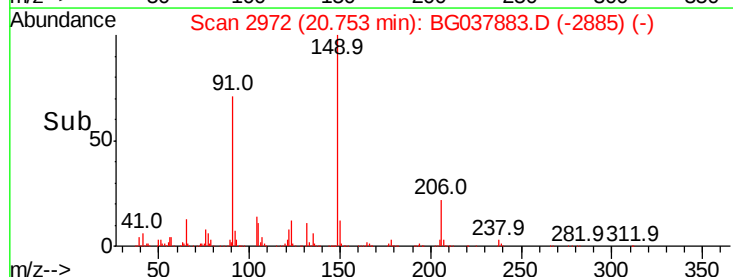
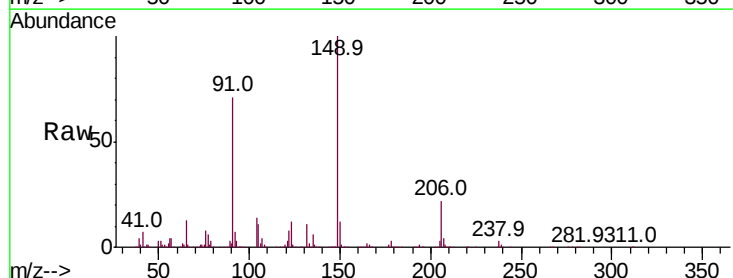
Delta R.T. -0.02 min

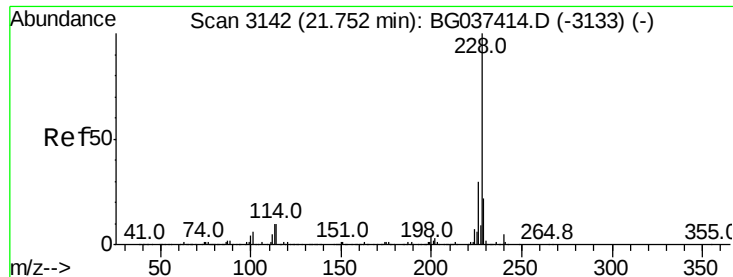
Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

Tgt Ion:149 Resp: 403467

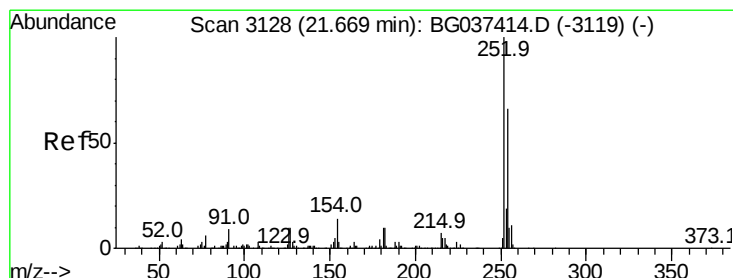
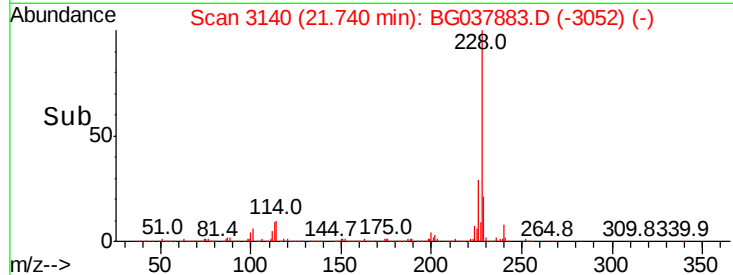
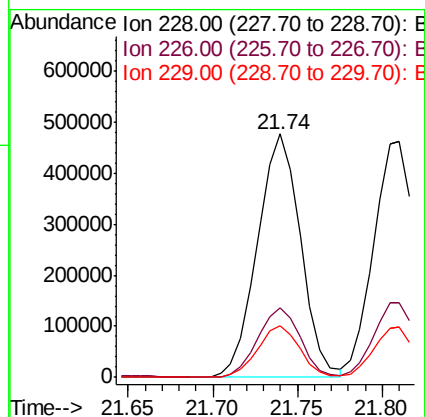
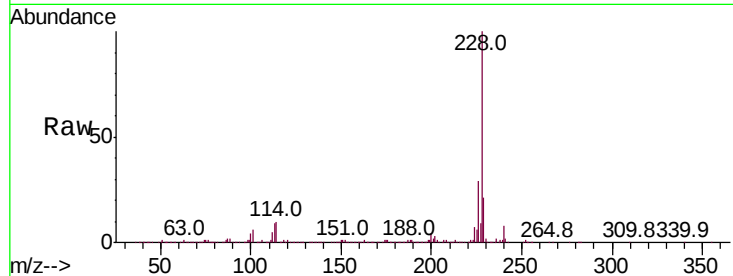
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 70.6  | 57.0  | 85.4  |
| 206 | 21.7  | 17.8  | 26.6  |





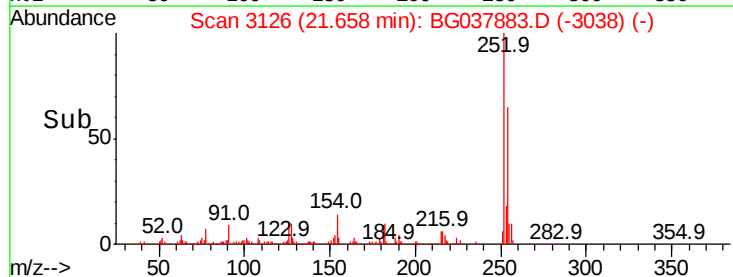
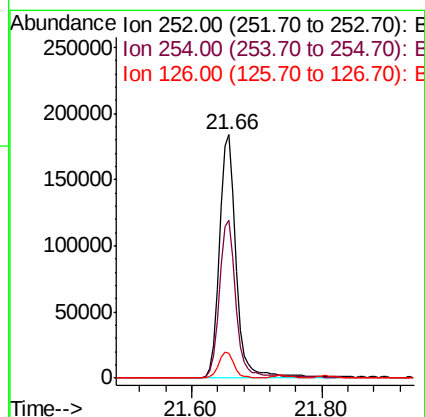
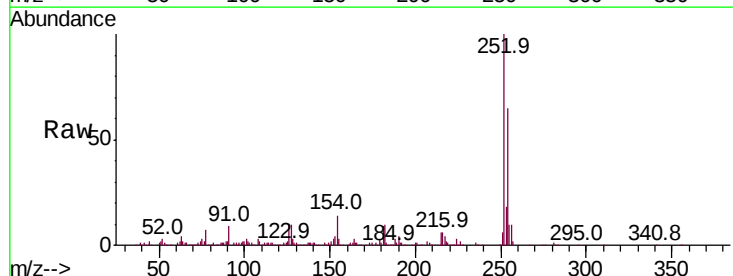
#81  
Benzo(a)anthracene  
Concen: 40.570 ng  
RT: 21.74 min Scan# 3140  
Delta R.T. -0.01 min  
Lab File: BG037883.D  
Acq: 8 Nov 2018 13:26

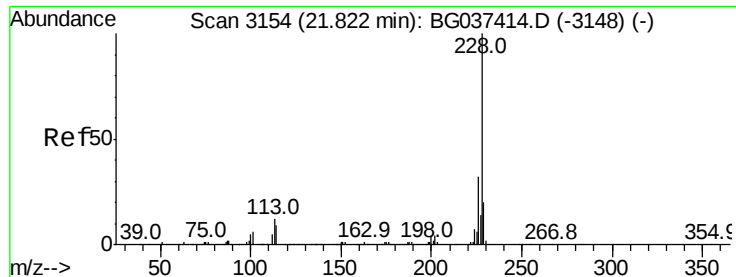
|     |         |       |        |
|-----|---------|-------|--------|
| Tot | Ion:228 | Resp: | 847535 |
| Ion | Ratio   | Lower | Upper  |
| 228 | 100     |       |        |
| 226 | 28.5    | 22.6  | 33.8   |
| 229 | 21.4    | 16.3  | 24.5   |



#82  
3,3'-Dichlorobenzidine  
Concen: 40.608 ng  
RT: 21.66 min Scan# 3126  
Delta R.T. -0.01 min  
Lab File: BG037883.D  
Acq: 8 Nov 2018 13:26

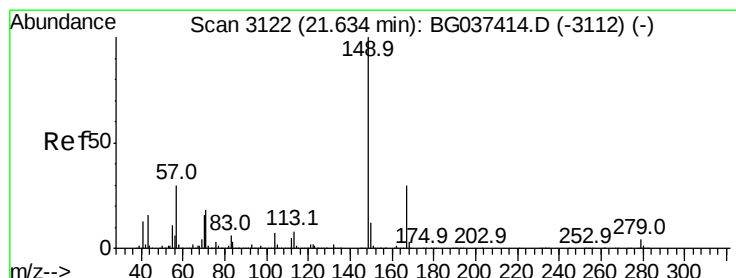
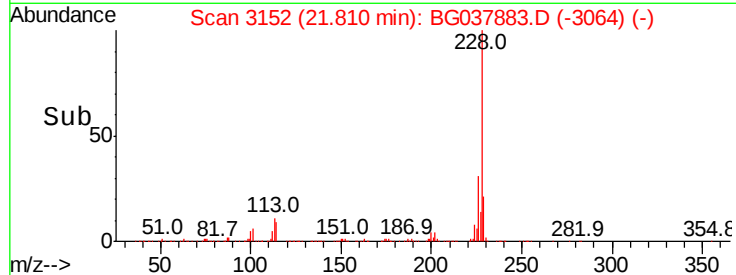
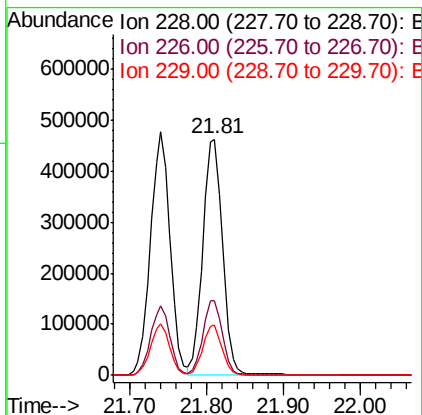
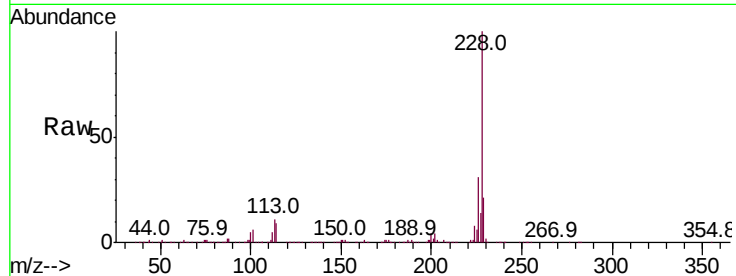
|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:252 | Resp: | 328820 |
| Ion | Ratio   | Lower | Upper  |
| 252 | 100     |       |        |
| 254 | 64.9    | 52.0  | 78.0   |
| 126 | 10.4    | 8.2   | 12.4   |





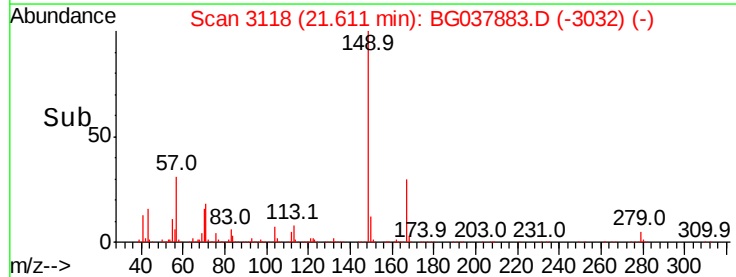
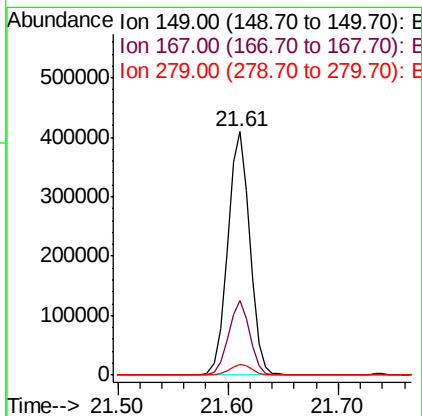
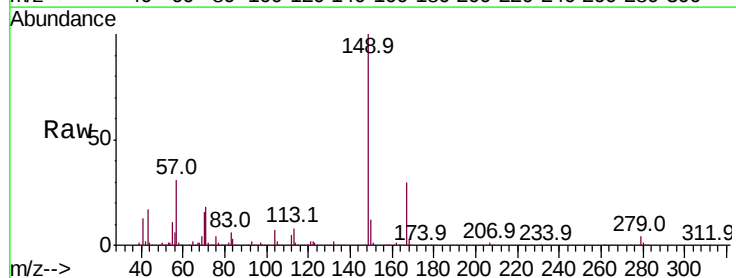
#83  
 Chrysene  
 Concen: 40.761 ng  
 RT: 21.81 min Scan# 3152  
 Delta R.T. -0.01 min  
 Lab File: BG037883.D  
 Acq: 8 Nov 2018 13:26

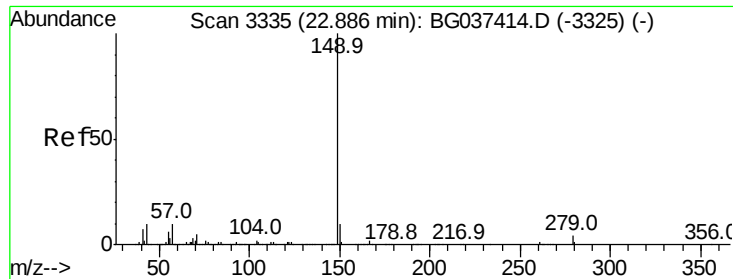
|     |         |       |        |
|-----|---------|-------|--------|
| Tot | Ion:228 | Resp: | 818819 |
| Ion | Ratio   | Lower | Upper  |
| 228 | 100     |       |        |
| 226 | 31.4    | 25.7  | 38.5   |
| 229 | 21.4    | 16.5  | 24.7   |



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 43.327 ng  
 RT: 21.61 min Scan# 3118  
 Delta R.T. -0.02 min  
 Lab File: BG037883.D  
 Acq: 8 Nov 2018 13:26

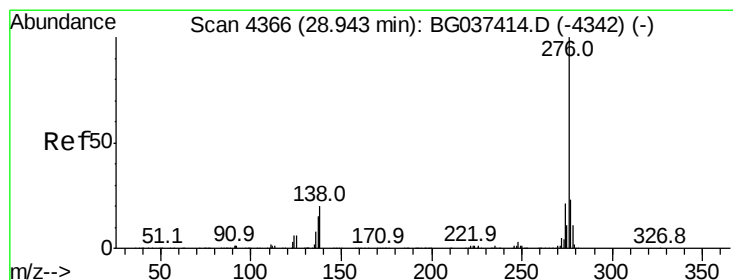
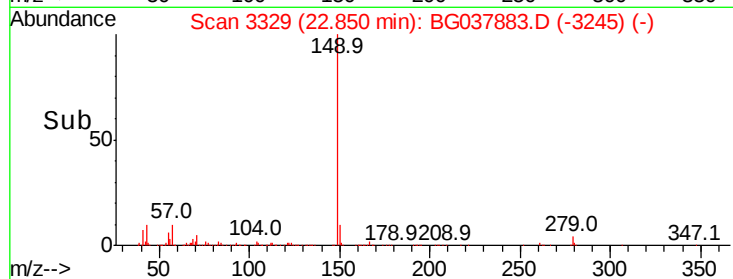
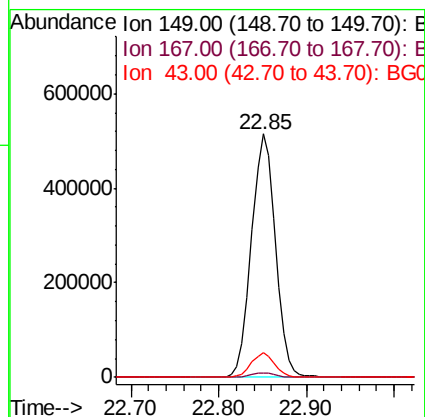
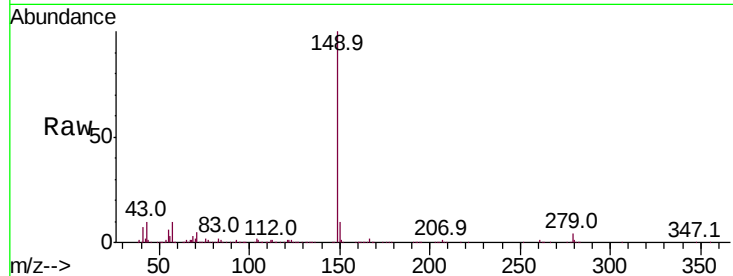
|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:149 | Resp: | 573869 |
| Ion | Ratio   | Lower | Upper  |
| 149 | 100     |       |        |
| 167 | 30.4    | 23.0  | 34.4   |
| 279 | 4.5     | 3.6   | 5.4    |





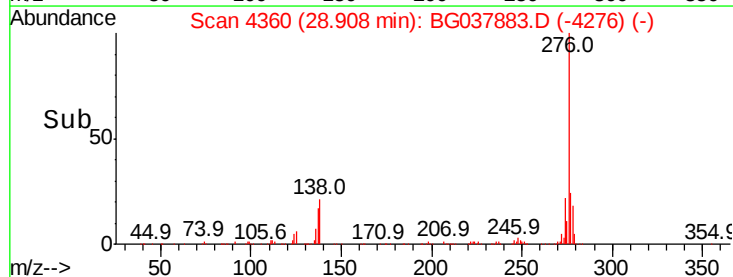
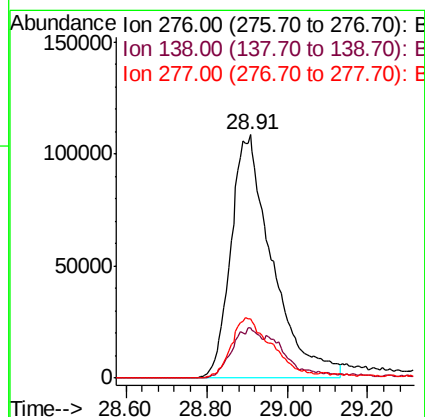
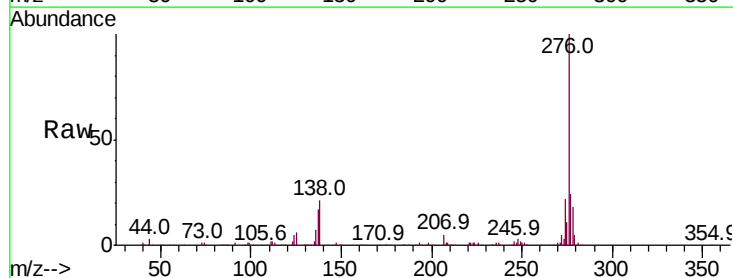
#85  
Di-n-octyl phthalate  
Concen: 44.162 ng  
RT: 22.85 min Scan# 3329  
Delta R.T. -0.04 min  
Lab File: BG037883.D  
Acq: 8 Nov 2018 13:26

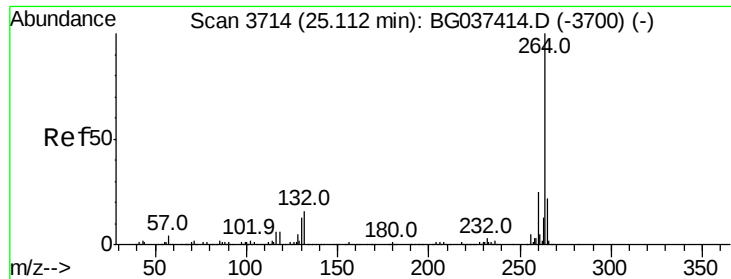
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.8   | 1.3   | 1.9   |
| 43      | 9.9   | 8.7   | 13.1  |



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 35.963 ng  
RT: 28.91 min Scan# 4360  
Delta R.T. -0.04 min  
Lab File: BG037883.D  
Acq: 8 Nov 2018 13:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 13.8  | 12.0  | 18.0  |
| 277     | 24.6  | 20.6  | 30.8  |





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3710

Delta R.T. -0.02 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

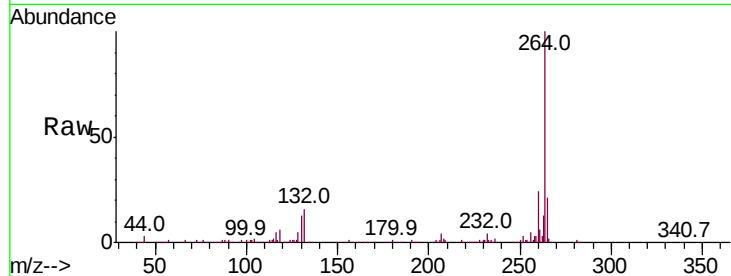
Tot Ion:264 Resp: 362694

Ion Ratio Lower Upper

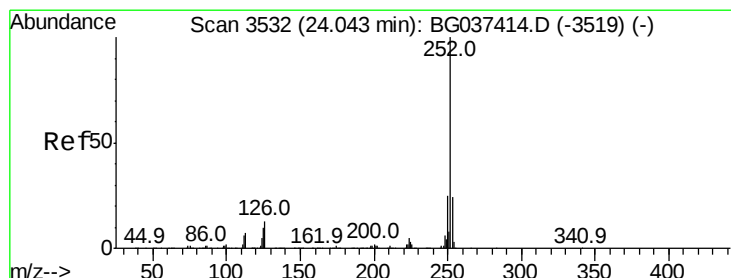
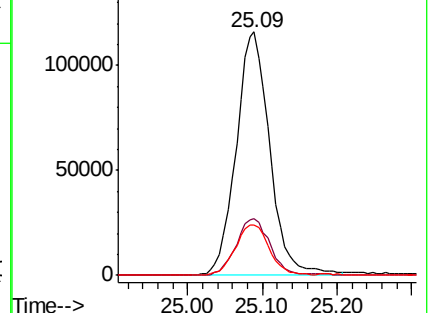
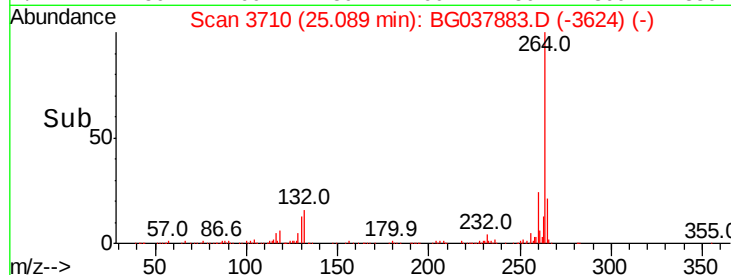
264 100

260 23.5 18.2 27.4

265 20.7 17.9 26.9



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



#88

Benzo(b)fluoranthene

Concen: 40.255 ng

RT: 24.02 min Scan# 3528

Delta R.T. -0.02 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

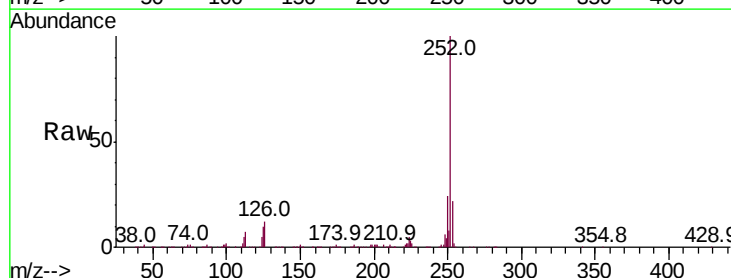
Tgt Ion:252 Resp: 800431

Ion Ratio Lower Upper

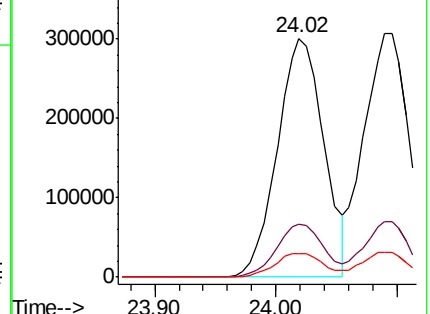
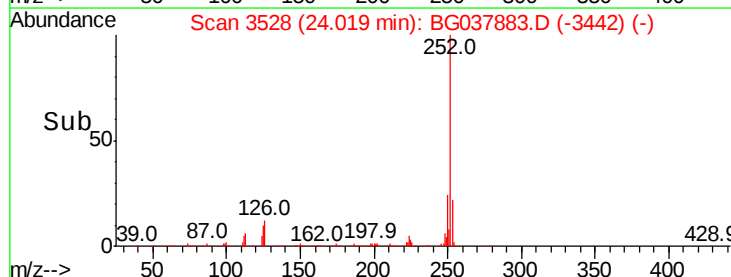
252 100

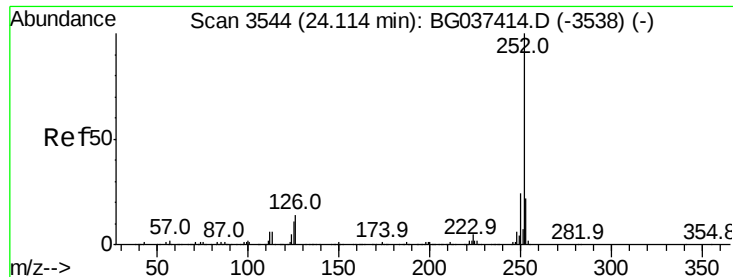
253 22.0 18.2 27.2

125 10.0 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: 41.816 ng

RT: 24.09 min Scan# 3540

Delta R.T. -0.02 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

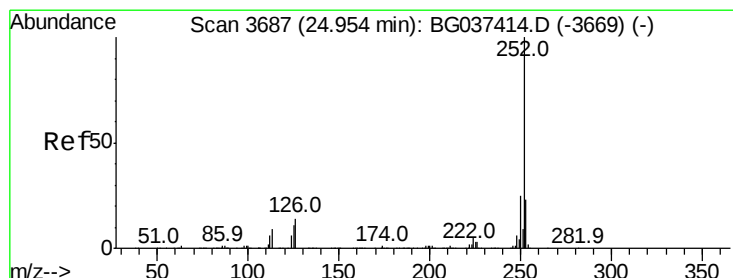
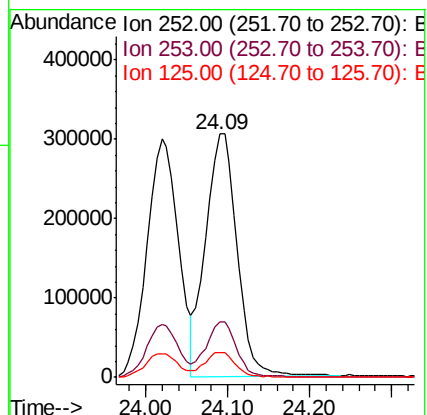
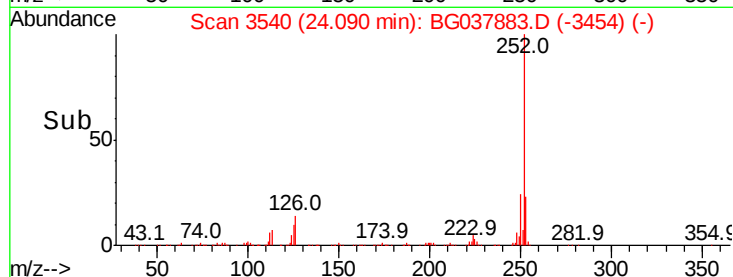
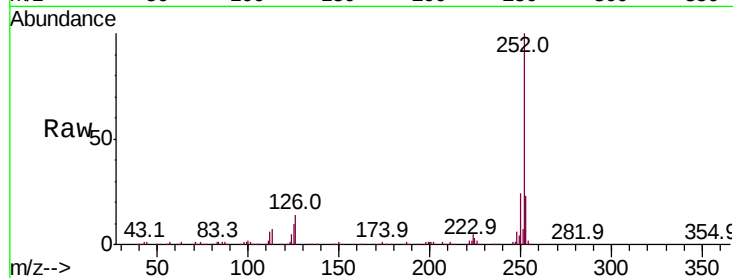
Tot Ion:252 Resp: 814630

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

125 10.1 7.4 11.0



#90

Benzo(a)pyrene

Concen: 41.129 ng

RT: 24.93 min Scan# 3683

Delta R.T. -0.02 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

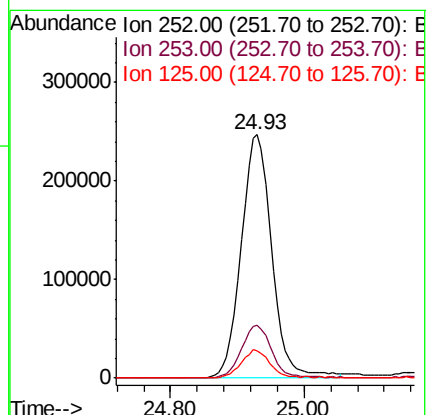
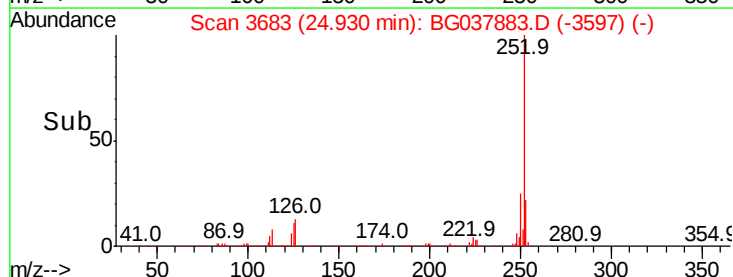
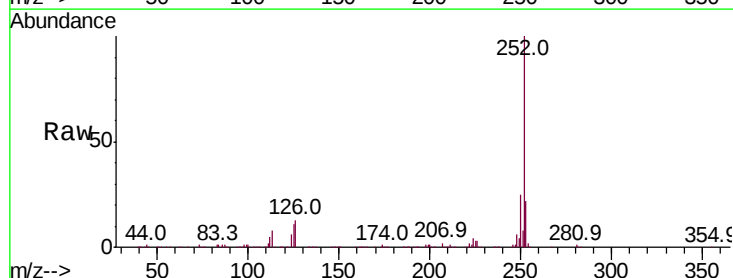
Tgt Ion:252 Resp: 777117

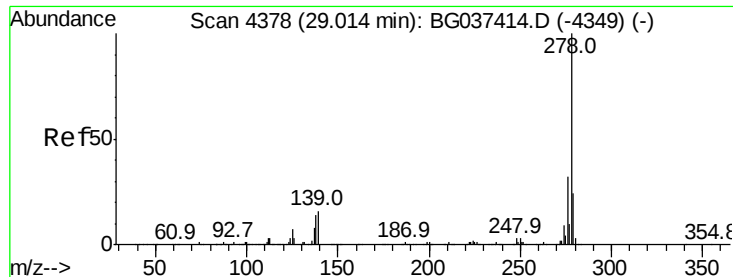
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

125 11.2 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 34.007 ng

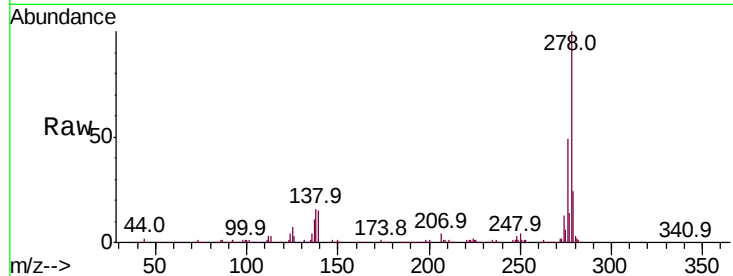
RT: 28.97 min Scan# 4370

Delta R.T. -0.05 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

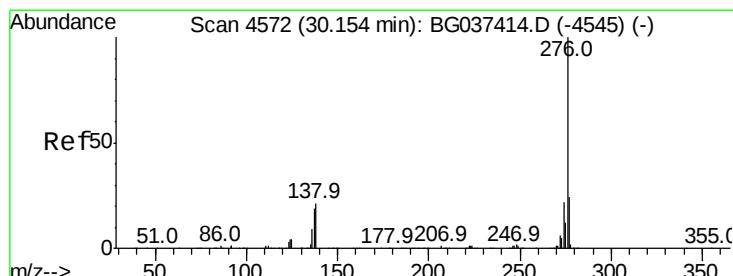
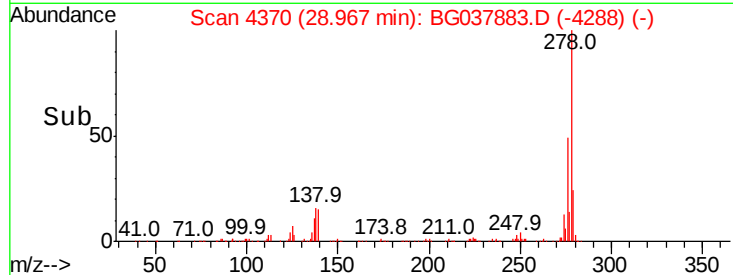
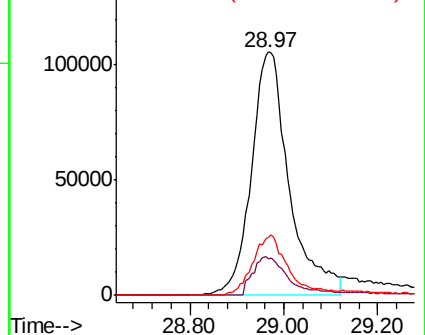
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 14.7  | 11.5  | 17.3  |
| 279     | 23.8  | 18.6  | 27.8  |



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 35.785 ng

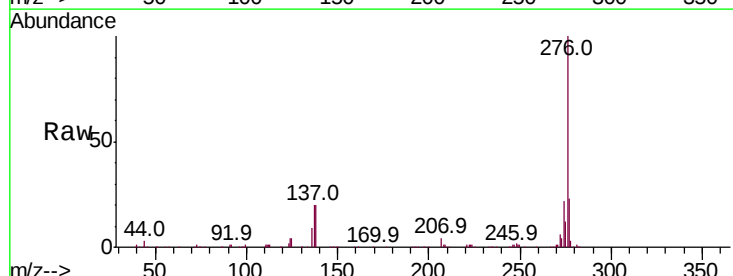
RT: 30.11 min Scan# 4564

Delta R.T. -0.05 min

Lab File: BG037883.D

Acq: 8 Nov 2018 13:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 22.7  | 18.9  | 28.3  |
| 138     | 20.1  | 17.2  | 25.8  |



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

