

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG110818\  
 Data File : BG037895.D  
 Acq On : 8 Nov 2018 21:12  
 Operator : JU/SJ  
 Sample : J5762-02MSD  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 09 14:42:12 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  | 60359    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.91 | 136  | 260215   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 14.73 | 164  | 174893   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 17.48 | 188  | 389821   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.76 | 240  | 341677   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 25.09 | 264  | 350770   | 20.00 | ng    | -0.03    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.64  | 112 | 378555  | 104.85 | ng | 0.00  |
| 7) Phenol-d6             | 7.24  | 99  | 504966  | 92.50  | ng | 0.00  |
| 23) Nitrobenzene-d5      | 9.27  | 82  | 359355  | 77.36  | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 16.22 | 330 | 220643  | 115.67 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 13.35 | 172 | 819587  | 70.67  | ng | -0.02 |
| 79) Terphenyl-d14        | 20.07 | 244 | 1242953 | 77.73  | ng | -0.01 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.53  | 88  | 55110  | 30.100 | ng | # 86   |
| 3) Pyridine                    | 3.94  | 79  | 153416 | 33.245 | ng | 93     |
| 4) n-Nitrosodimethylamine      | 3.85  | 42  | 72159  | 43.901 | ng | 92     |
| 6) Aniline                     | 7.42  | 93  | 140616 | 21.114 | ng | 97     |
| 8) 2-Chlorophenol              | 7.65  | 128 | 192132 | 45.491 | ng | 99     |
| 9) Benzaldehyde                | 7.24  | 77  | 102358 | 29.973 | ng | 95     |
| 10) Phenol                     | 7.27  | 94  | 219664 | 38.136 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.51  | 93  | 185468 | 42.395 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 7.98  | 146 | 198223 | 42.158 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 8.13  | 146 | 201649 | 41.926 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.45  | 146 | 193882 | 41.906 | ng | 99     |
| 15) Benzyl Alcohol             | 8.33  | 79  | 171926 | 42.621 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.61  | 45  | 335186 | 42.820 | ng | 97     |
| 17) 2-Methylphenol             | 8.53  | 107 | 171058 | 44.920 | ng | 96     |
| 18) Hexachloroethane           | 9.18  | 117 | 73097  | 44.580 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 8.90  | 70  | 153127 | 40.733 | ng | 95     |
| 20) 3+4-Methylphenols          | 8.86  | 107 | 238896 | 43.878 | ng | 98     |
| 22) Acetophenone               | 8.92  | 105 | 292911 | 44.883 | ng | # 97   |
| 24) Nitrobenzene               | 9.32  | 77  | 224926 | 46.611 | ng | 96     |
| 25) Isophorone                 | 9.83  | 82  | 445452 | 52.484 | ng | 98     |
| 26) 2-Nitrophenol              | 10.02 | 139 | 116046 | 53.382 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 10.07 | 122 | 204271 | 52.628 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.31 | 93  | 270898 | 48.716 | ng | 96     |
| 29) 2,4-Dichlorophenol         | 10.56 | 162 | 217894 | 50.420 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.77 | 180 | 213086 | 45.341 | ng | 98     |
| 31) Naphthalene                | 10.97 | 128 | 630957 | 49.366 | ng | 100    |
| 32) Benzoic acid               | 10.20 | 122 | 104519 | 41.459 | ng | 99     |
| 33) 4-Chloroaniline            | 11.08 | 127 | 36979  | 6.158  | ng | 96     |
| 34) Hexachlorobutadiene        | 11.23 | 225 | 129096 | 46.348 | ng | 97     |
| 35) Caprolactam                | 11.87 | 113 | 40580  | 23.413 | ng | 94     |
| 36) 4-Chloro-3-methylphenol    | 12.18 | 107 | 233344 | 47.877 | ng | 100    |
| 37) 2-Methylnaphthalene        | 12.56 | 142 | 480872 | 51.613 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.78 | 142 | 459981 | 50.838 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.92 | 216 | 253865 | 45.002 | ng | 98     |

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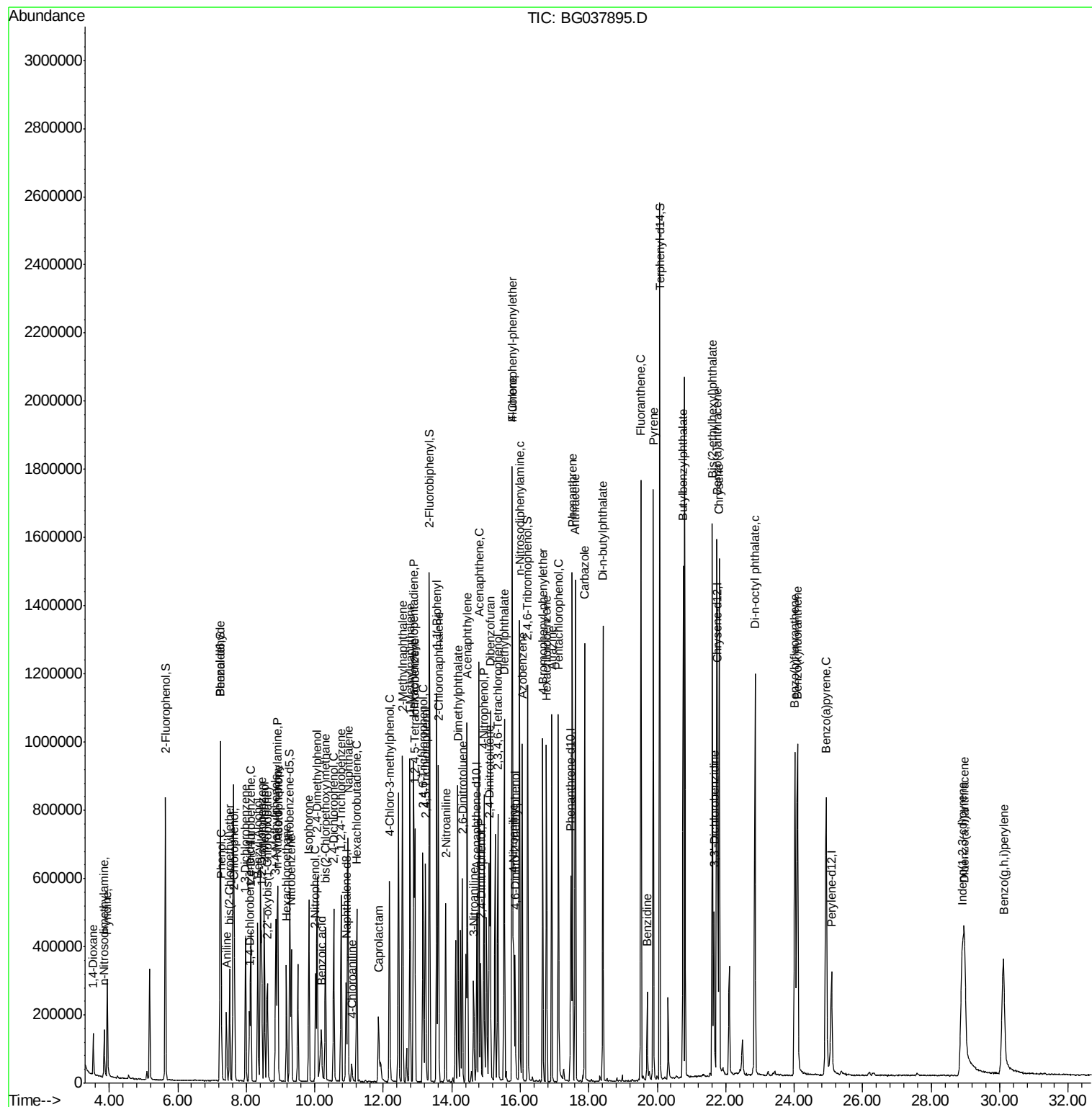
Quant Time: Nov 09 14:42:12 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG101818.M  
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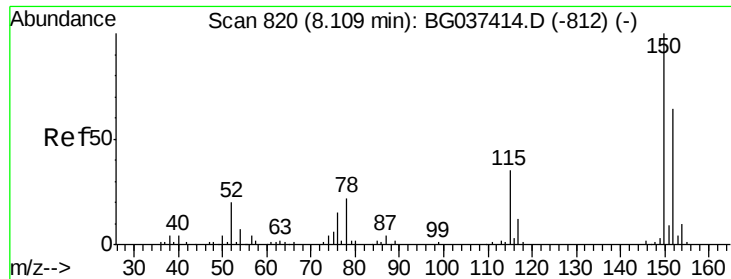
| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.89 | 237  | 289715   | 107.514 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 13.16 | 196  | 184915   | 49.064  | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.24 | 196  | 196414   | 47.866  | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.56 | 154  | 624228   | 43.097  | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.61 | 162  | 501242   | 45.742  | ng    | 99       |
| 48) 2-Nitroaniline             | 13.82 | 65   | 164908   | 49.626  | ng    | 96       |
| 49) Acenaphthylene             | 14.45 | 152  | 813475   | 49.350  | ng    | 98       |
| 50) Dimethylphthalate          | 14.18 | 163  | 639377   | 47.256  | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.31 | 165  | 144948   | 48.427  | ng    | 96       |
| 52) Acenaphthene               | 14.79 | 154  | 477375   | 47.024  | ng    | 98       |
| 53) 3-Nitroaniline             | 14.64 | 138  | 85578    | 25.755  | ng    | # 92     |
| 54) 2,4-Dinitrophenol          | 14.84 | 184  | 99073    | 76.680  | ng    | 96       |
| 55) Dibenzofuran               | 15.13 | 168  | 767373   | 45.624  | ng    | 99       |
| 56) 4-Nitrophenol              | 14.94 | 139  | 262727   | 106.821 | ng    | 99       |
| 57) 2,4-Dinitrotoluene         | 15.09 | 165  | 203798   | 51.871  | ng    | 97       |
| 58) Fluorene                   | 15.77 | 166  | 620603   | 49.272  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.34 | 232  | 169372   | 48.208  | ng    | 100      |
| 60) Diethylphthalate           | 15.53 | 149  | 644564   | 46.403  | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.76 | 204  | 330185   | 44.975  | ng    | 97       |
| 62) 4-Nitroaniline             | 15.81 | 138  | 151359   | 45.842  | ng    | 91       |
| 63) Azobenzene                 | 16.06 | 77   | 610416   | 46.058  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.85 | 198  | 95149    | 46.777  | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 15.98 | 169  | 561324   | 47.870  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.65 | 248  | 206337   | 48.200  | ng    | 99       |
| 68) Hexachlorobenzene          | 16.77 | 284  | 206363   | 46.512  | ng    | 98       |
| 69) Atrazine                   | 16.92 | 200  | 210538   | 49.661  | ng    | 99       |
| 70) Pentachlorophenol          | 17.11 | 266  | 229496   | 77.223  | ng    | 97       |
| 71) Phenanthrene               | 17.52 | 178  | 980095   | 49.470  | ng    | 99       |
| 72) Anthracene                 | 17.61 | 178  | 999510   | 51.408  | ng    | 98       |
| 73) Carbazole                  | 17.88 | 167  | 894013   | 45.968  | ng    | 98       |
| 74) Di-n-butylphthalate        | 18.42 | 149  | 1070338  | 49.473  | ng    | 99       |
| 75) Fluoranthene               | 19.52 | 202  | 1122907  | 49.973  | ng    | 97       |
| 77) Benzidine                  | 19.70 | 184  | 171314   | 14.746  | ng    | 99       |
| 78) Pyrene                     | 19.89 | 202  | 1123406  | 50.296  | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.76 | 149  | 489714   | 53.572  | ng    | 95       |
| 81) Benzo(a)anthracene         | 21.74 | 228  | 1047866  | 51.849  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.65 | 252  | 205972   | 26.294  | ng    | 97       |
| 83) Chrysene                   | 21.81 | 228  | 994411   | 51.171  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.61 | 149  | 689850   | 53.838  | ng    | 98       |
| 85) Di-n-octyl phthalate       | 22.85 | 149  | 1159178  | 55.478  | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.90 | 276  | 985543   | 47.283  | ng    | # 85     |
| 88) Benzo(b)fluoranthene       | 24.02 | 252  | 1026601  | 53.384  | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 24.09 | 252  | 1009092  | 53.559  | ng    | 98       |
| 90) Benzo(a)pyrene             | 24.93 | 252  | 1000731  | 54.764  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.97 | 278  | 786731   | 46.674  | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 30.11 | 276  | 788185   | 46.219  | ng    | 99       |

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

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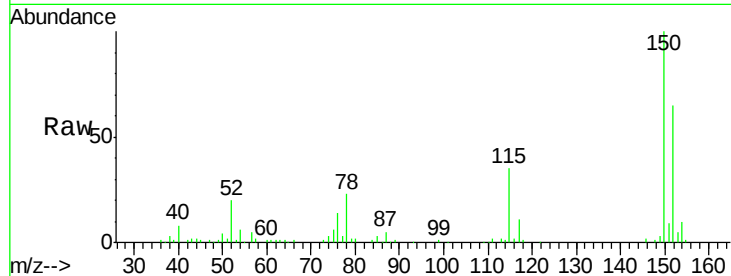
Quant Time: Nov 09 14:42:12 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG101818.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 18 14:06:42 2018  
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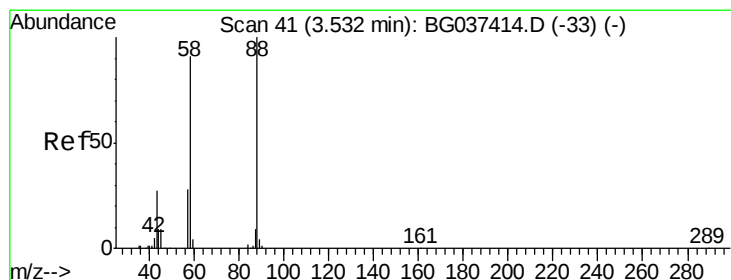
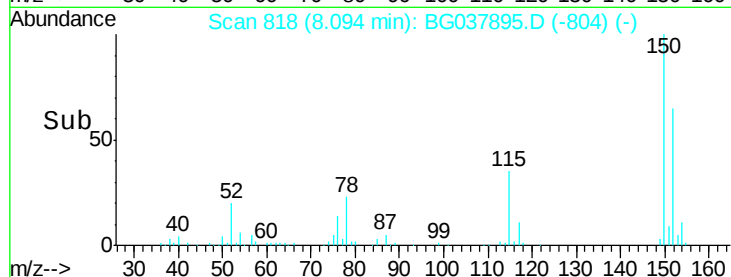
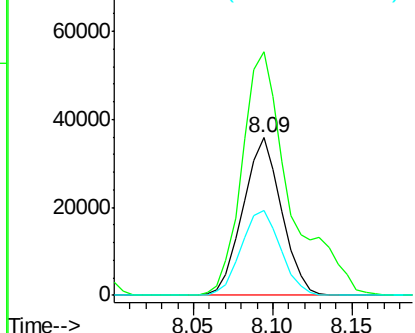


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.09 min Scan# 818  
 Delta R.T. -0.01 min  
 Lab File: BG037895.D  
 Acq: 8 Nov 2018 21:12

Tgt Ion: 152 Resp: 60359  
 Ion Ratio Lower Upper  
 152 100  
 150 154.8 126.0 189.0  
 115 53.8 45.5 68.3

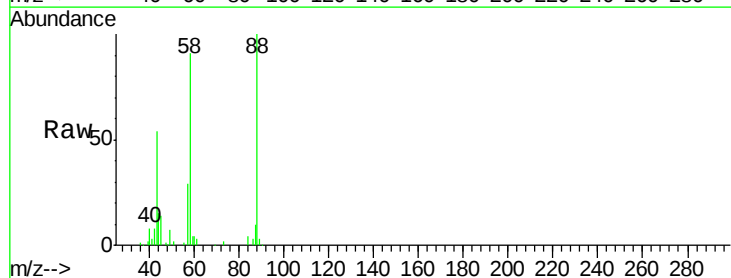


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

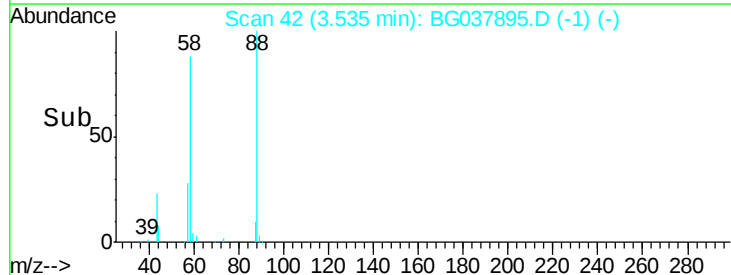
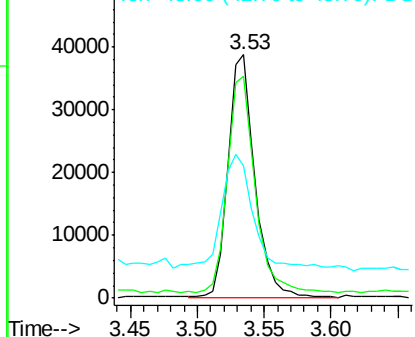


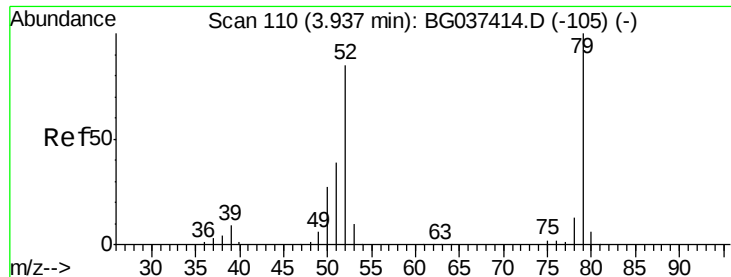
#2  
 1,4-Dioxane  
 Concen: 30.100 ng  
 RT: 3.53 min Scan# 42  
 Delta R.T. 0.00 min  
 Lab File: BG037895.D  
 Acq: 8 Nov 2018 21:12

Tgt Ion: 88 Resp: 55110  
 Ion Ratio Lower Upper  
 88 100  
 58 90.2 74.4 111.6  
 43 58.1 25.8 38.8#



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





#3

Pyridine

Concen: 33.245 ng

RT: 3.94 min Scan# 111

Delta R.T. 0.00 min

Lab File: BG037895.D

Acq: 8 Nov 2018 21:12

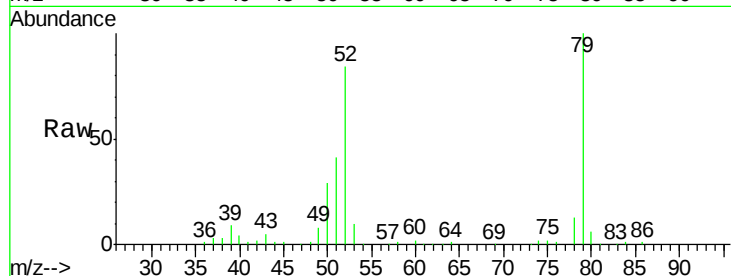
Tgt Ion: 79 Resp: 153416

Ion Ratio Lower Upper

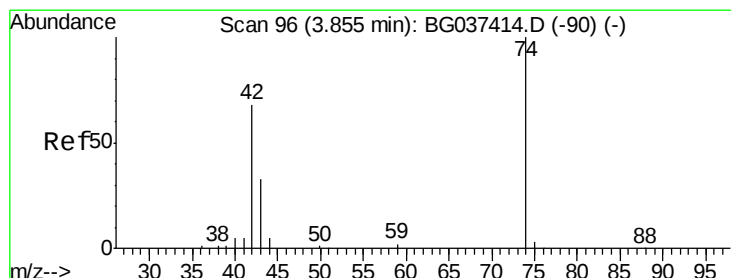
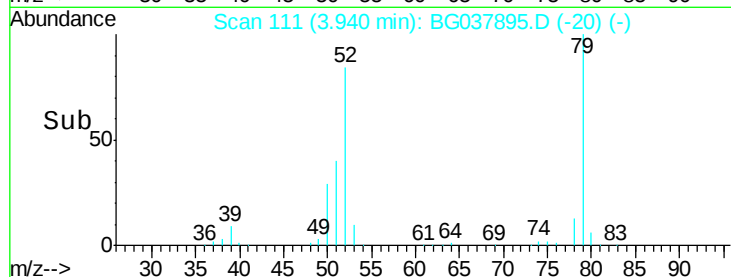
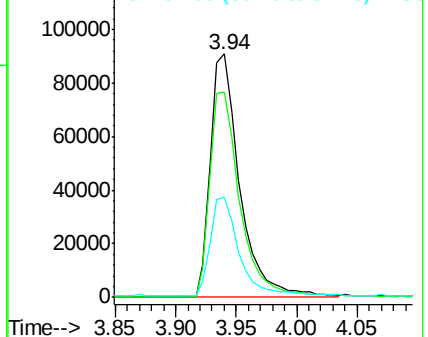
79 100

52 84.5 74.2 111.2

51 41.3 34.6 51.8



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



#4

n-Nitrosodimethylamine

Concen: 43.901 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.01 min

Lab File: BG037895.D

Acq: 8 Nov 2018 21:12

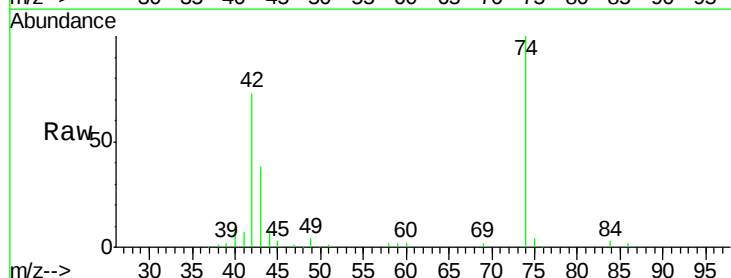
Tgt Ion: 42 Resp: 72159

Ion Ratio Lower Upper

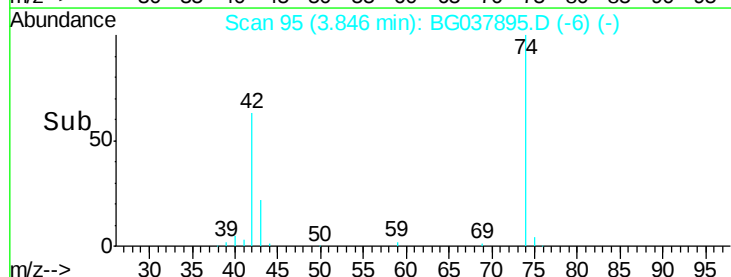
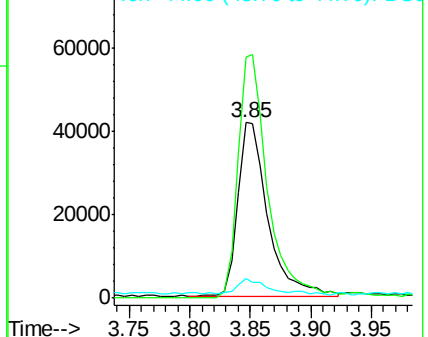
42 100

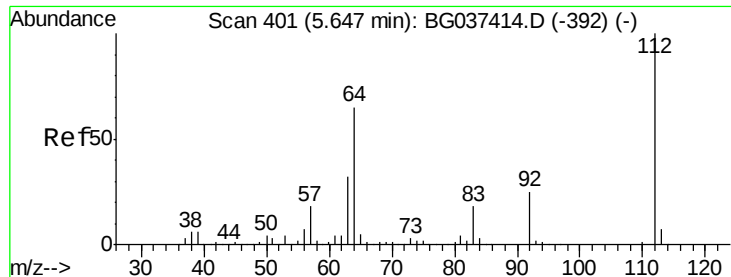
74 137.5 102.0 153.0

44 10.9 9.6 14.4



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





#5

2-Fluorophenol

Concen: 104.854 ng

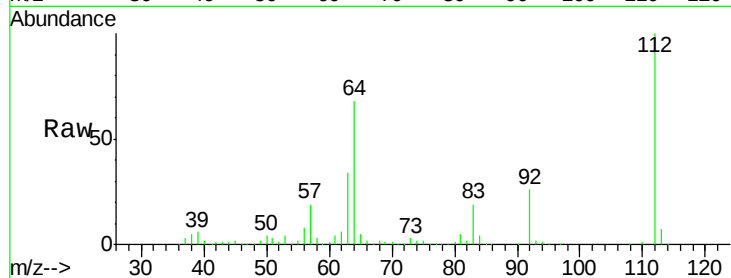
RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

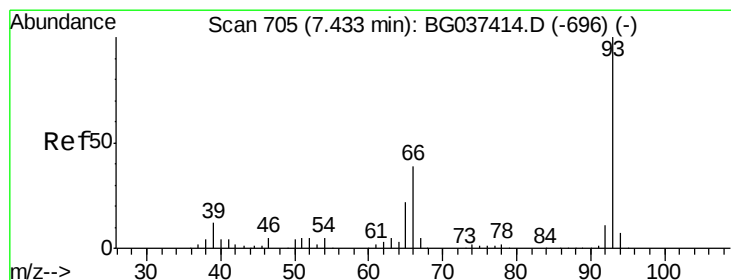
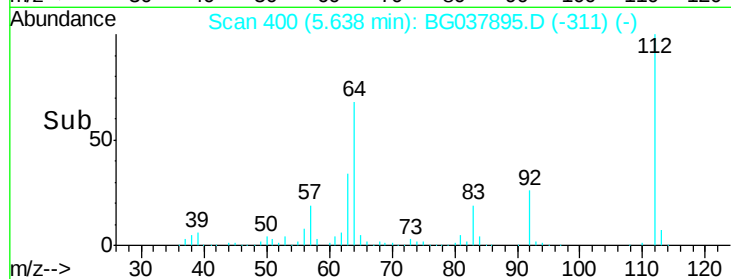
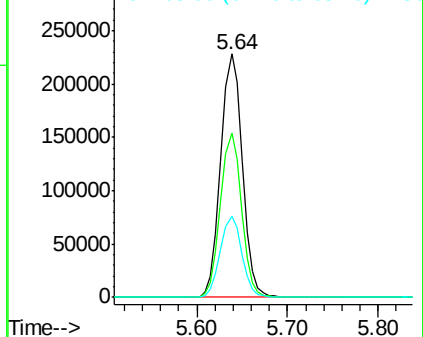
Lab File: BG037895.D

Acq: 8 Nov 2018 21:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 112   | Resp: | 378555 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 67.5  | 53.1  | 79.7   |
| 63       | 33.5  | 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: 21.114 ng

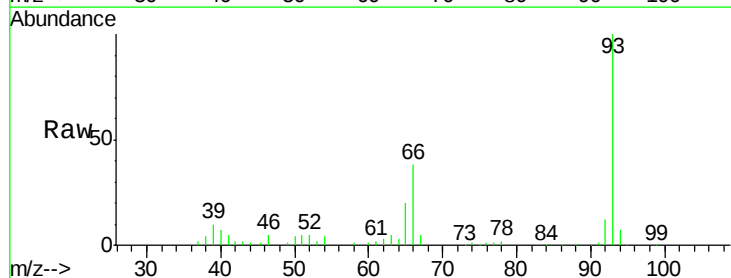
RT: 7.42 min Scan# 704

Delta R.T. -0.01 min

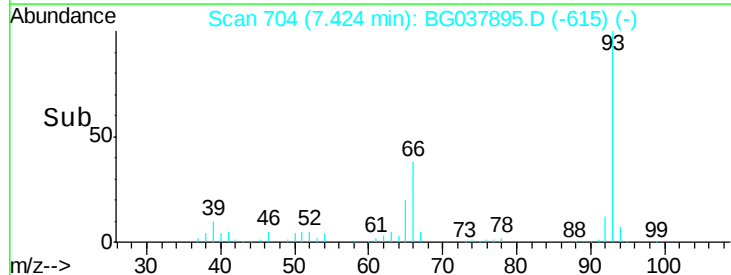
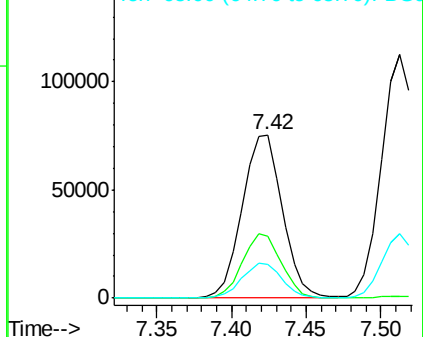
Lab File: BG037895.D

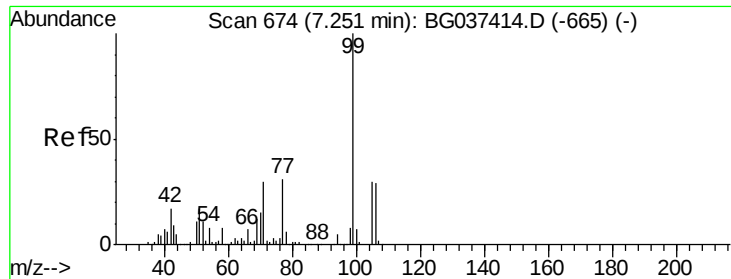
Acq: 8 Nov 2018 21:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 140616 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 38.2  | 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: 92.498 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037895.D

Acq: 8 Nov 2018 21:12

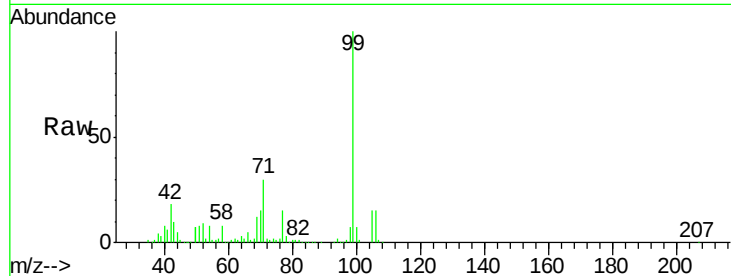
Tgt Ion: 99 Resp: 504966

Ion Ratio Lower Upper

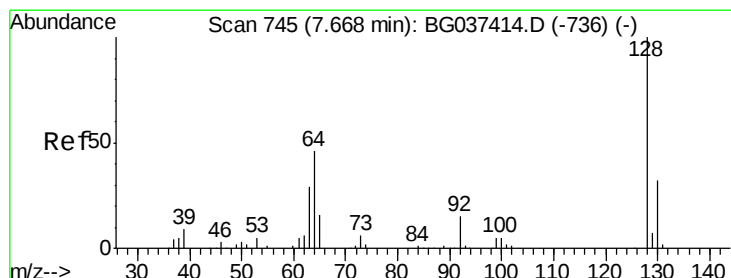
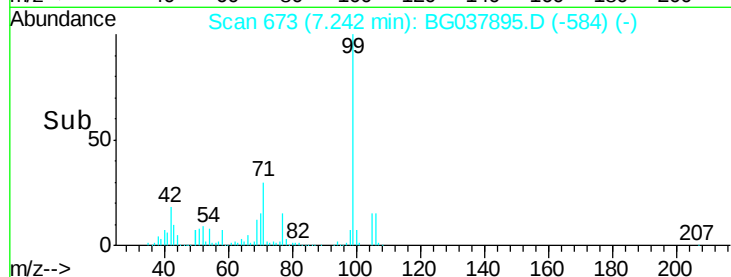
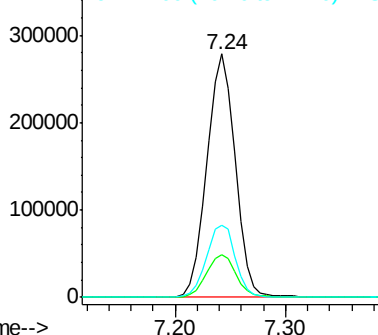
99 100

42 17.6 15.0 22.4

71 29.9 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: 45.491 ng

RT: 7.65 min Scan# 743

Delta R.T. -0.01 min

Lab File: BG037895.D

Acq: 8 Nov 2018 21:12

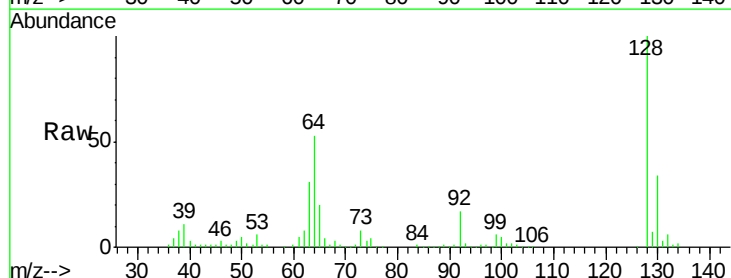
Tgt Ion: 128 Resp: 192132

Ion Ratio Lower Upper

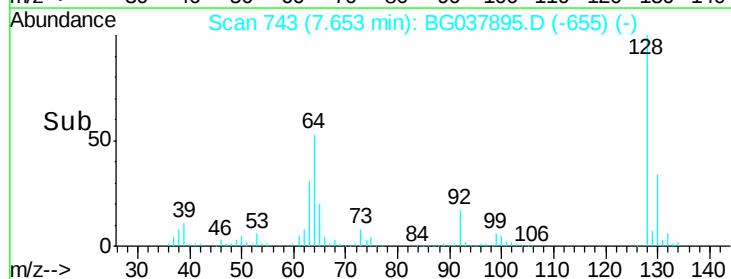
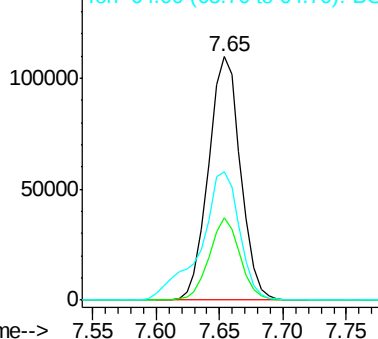
128 100

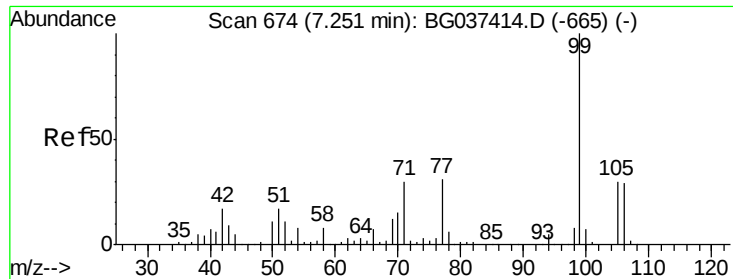
130 33.8 12.0 52.0

64 53.0 32.9 72.9



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





#9

Benzaldehyde

Concen: 29.973 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037895.D

Acq: 8 Nov 2018 21:12

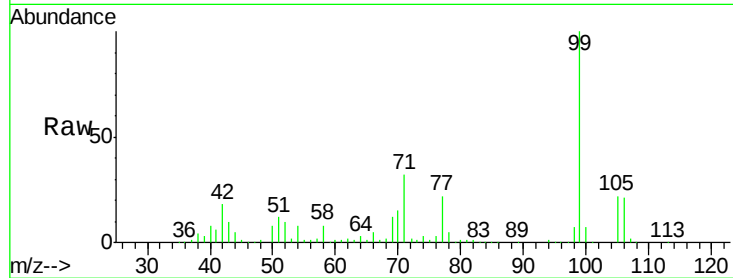
Tgt Ion: 77 Resp: 102358

Ion Ratio Lower Upper

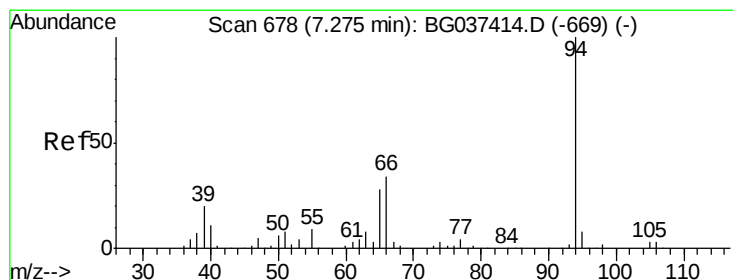
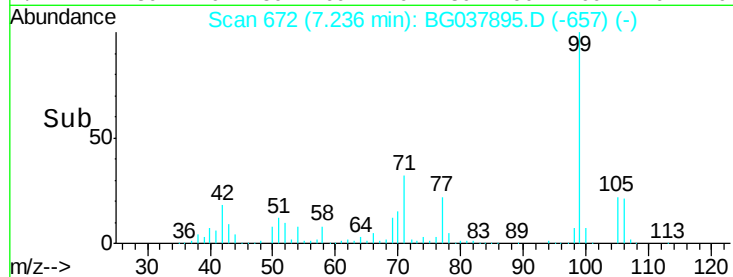
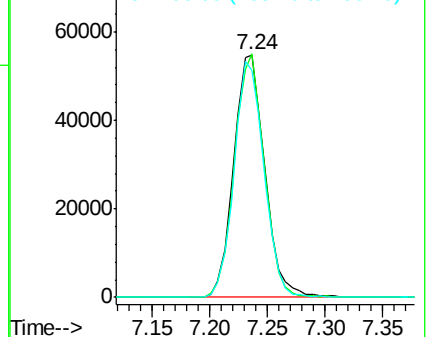
77 100

105 100.3 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: 38.136 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037895.D

Acq: 8 Nov 2018 21:12

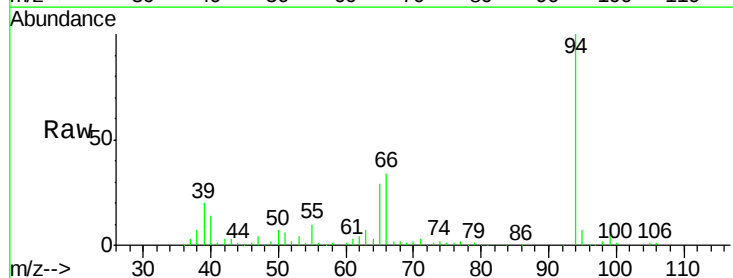
Tgt Ion: 94 Resp: 219664

Ion Ratio Lower Upper

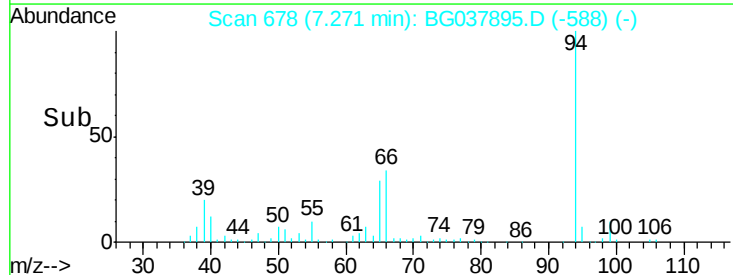
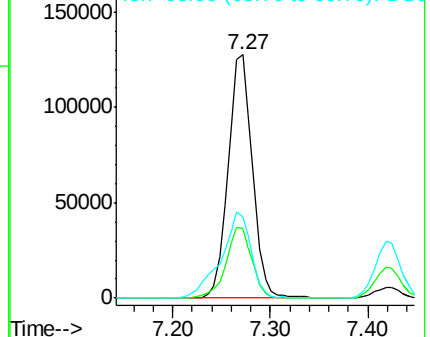
94 100

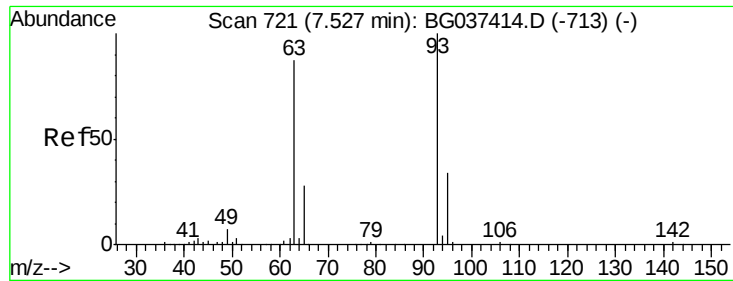
65 28.5 9.7 49.7

66 33.6 15.9 55.9



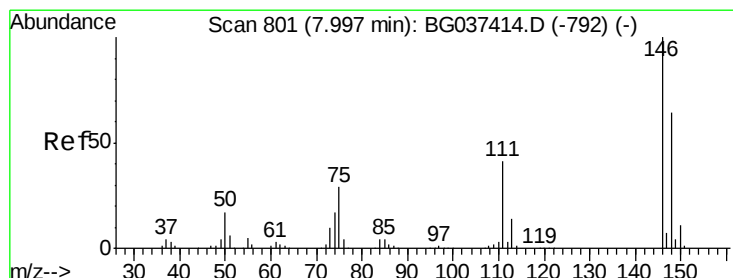
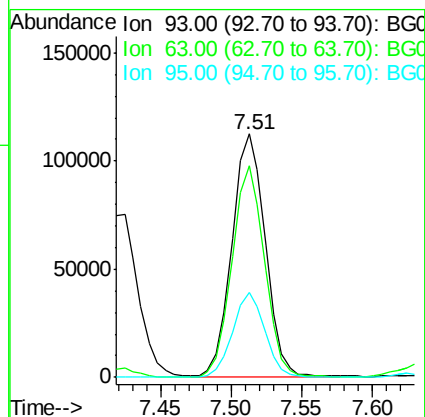
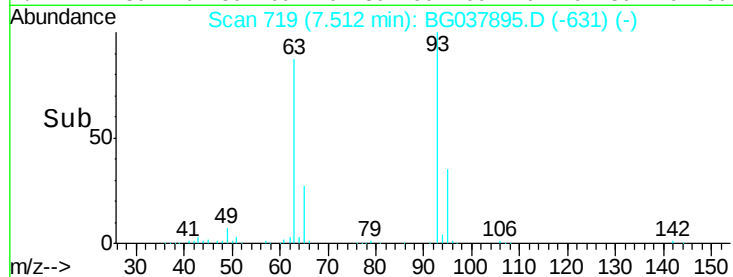
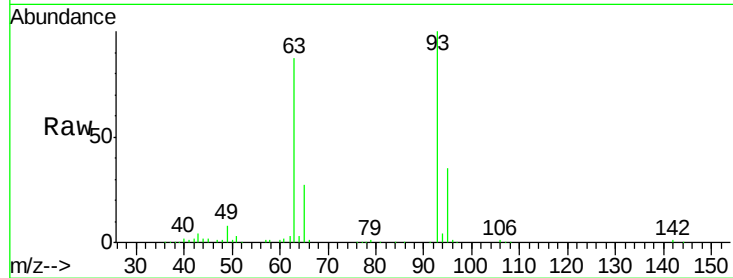
Abundance Ion 94.00 (93.70 to 94.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC





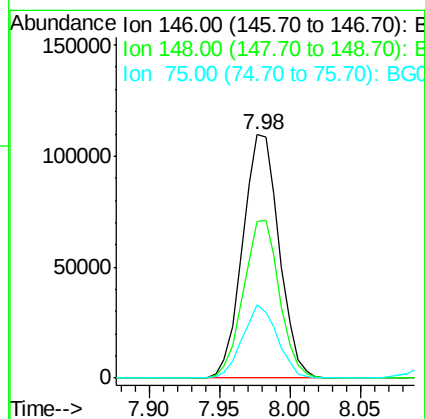
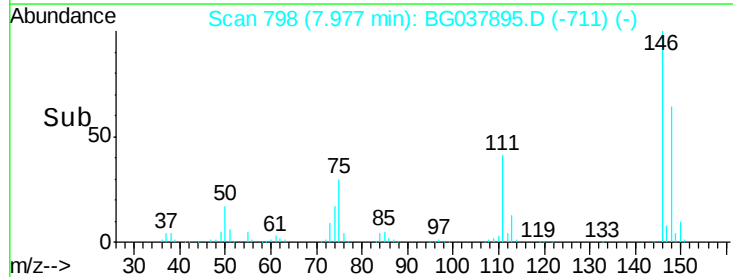
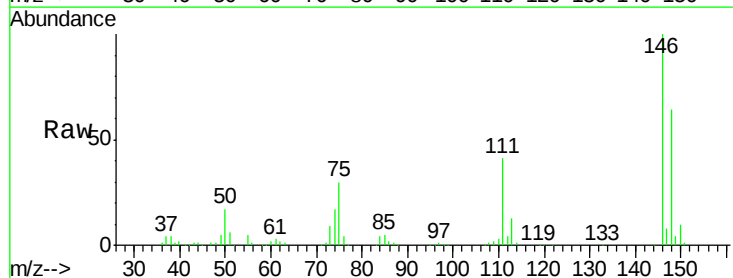
#11  
bis(2-Chloroethyl)ether  
Concen: 42.395 ng  
RT: 7.51 min Scan# 719  
Delta R.T. -0.01 min  
Lab File: BG037895.D  
Acq: 8 Nov 2018 21:12

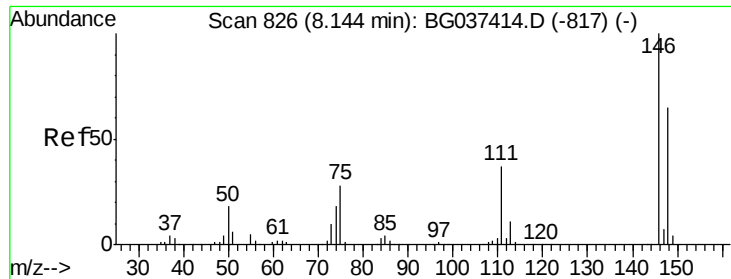
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 185468 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 86.9  | 69.5  | 109.5  |
| 95       | 34.9  | 12.6  | 52.6   |



#12  
1,3-Dichlorobenzene  
Concen: 42.158 ng  
RT: 7.98 min Scan# 798  
Delta R.T. -0.02 min  
Lab File: BG037895.D  
Acq: 8 Nov 2018 21:12

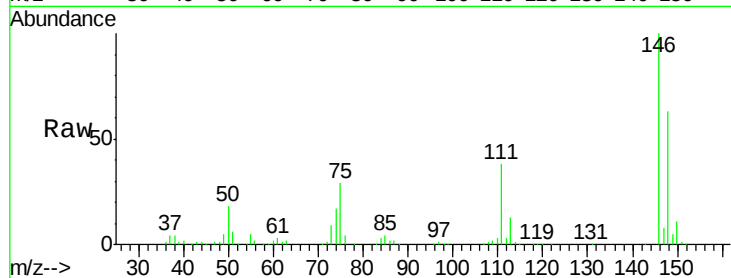
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 198223 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 64.3  | 49.8  | 74.8   |
| 75       | 30.0  | 23.2  | 34.8   |





#13  
 1,4-Dichlorobenzene  
 Concen: 41.926 ng  
 RT: 8.13 min Scan# 824  
 Delta R.T. -0.01 min  
 Lab File: BG037895.D  
 Acq: 8 Nov 2018 21:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.9  | 51.0  | 76.6  |
| 111     | 38.1  | 32.4  | 48.6  |

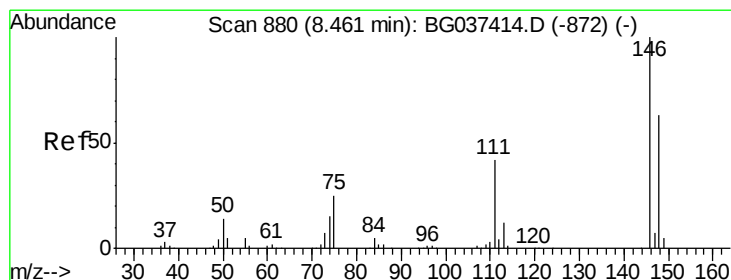
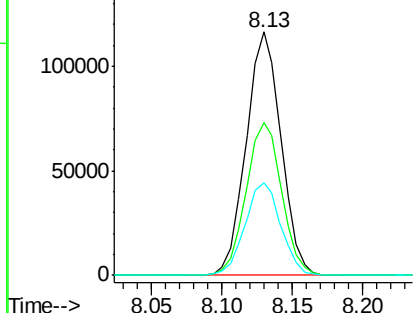
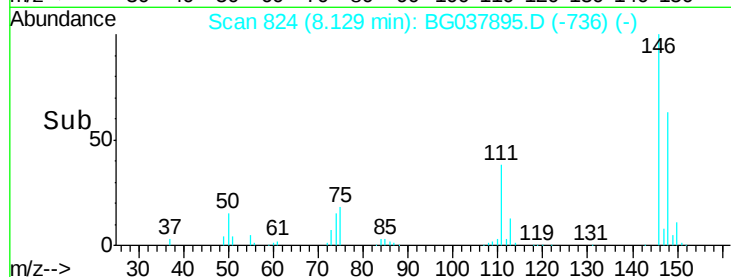


Abundance

Ion 146.00 (145.70 to 146.70): E

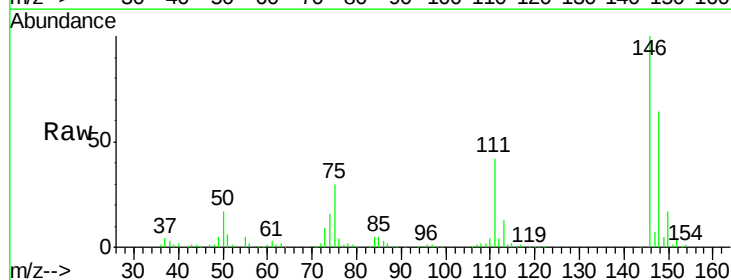
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14  
 1,2-Dichlorobenzene  
 Concen: 41.906 ng  
 RT: 8.45 min Scan# 878  
 Delta R.T. -0.01 min  
 Lab File: BG037895.D  
 Acq: 8 Nov 2018 21:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.7  | 50.4  | 75.6  |
| 111     | 41.8  | 34.6  | 51.8  |

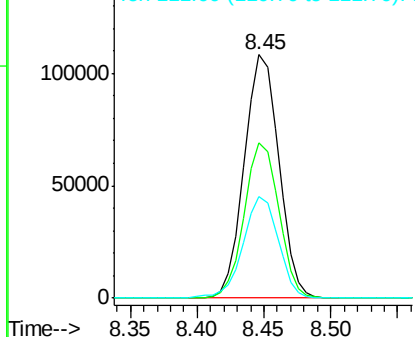
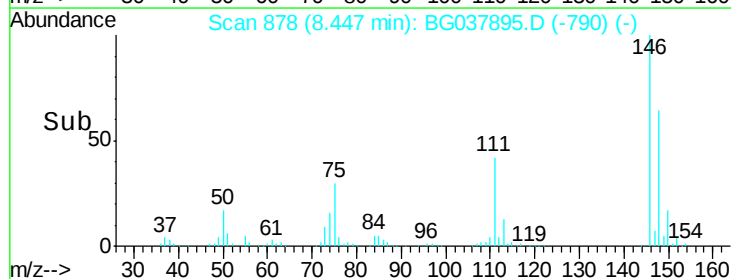


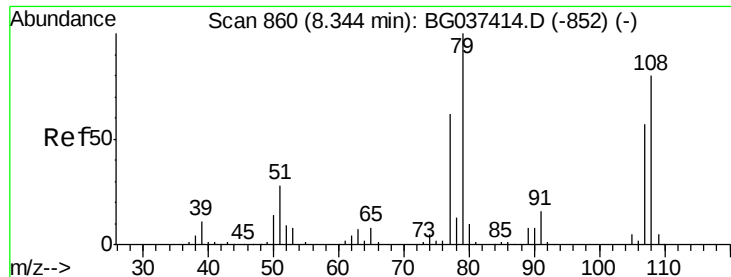
Abundance

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: 42.621 ng

RT: 8.33 min Scan# 859

Delta R.T. -0.01 min

Lab File: BG037895.D

Acq: 8 Nov 2018 21:12

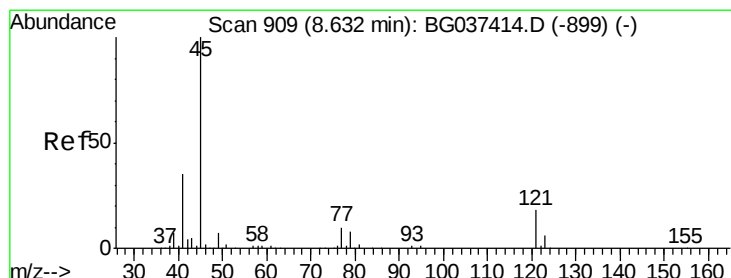
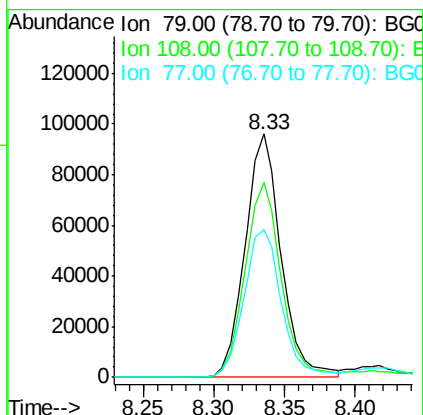
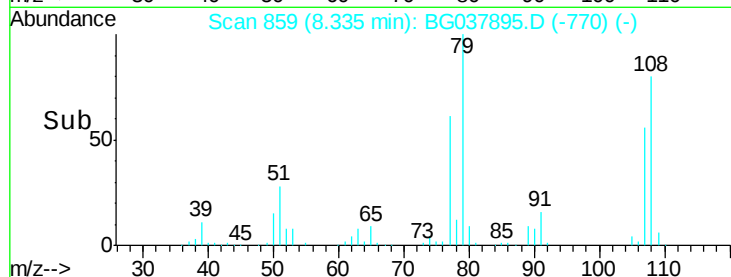
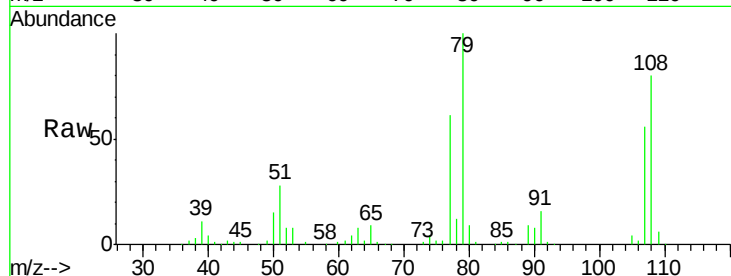
Tgt Ion: 79 Resp: 171926

Ion Ratio Lower Upper

79 100

108 80.1 65.8 98.8

77 60.8 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.820 ng

RT: 8.61 min Scan# 906

Delta R.T. -0.02 min

Lab File: BG037895.D

Acq: 8 Nov 2018 21:12

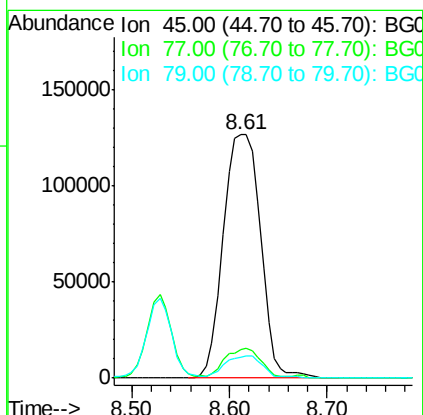
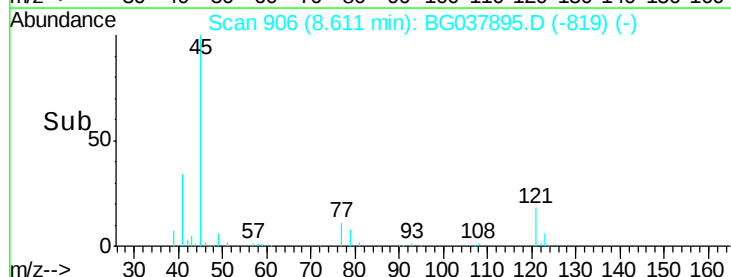
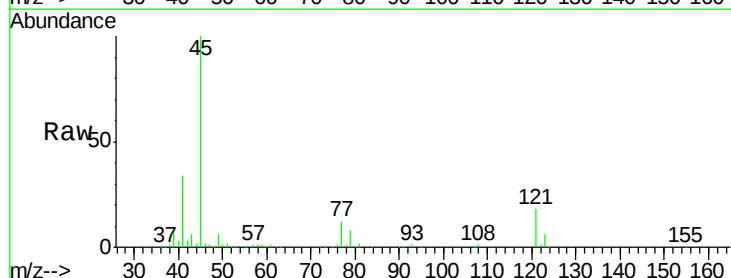
Tgt Ion: 45 Resp: 335186

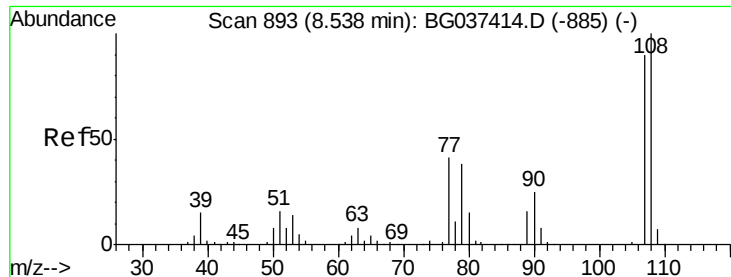
Ion Ratio Lower Upper

45 100

77 11.8 0.0 30.0

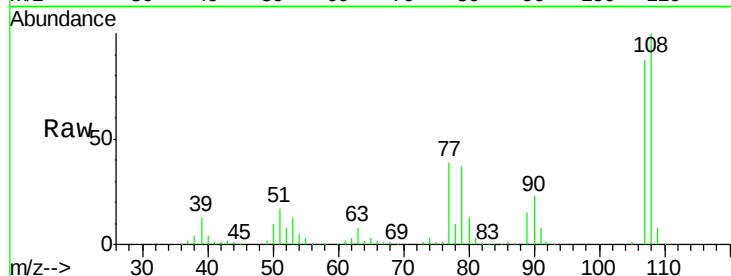
79 8.5 0.0 29.0



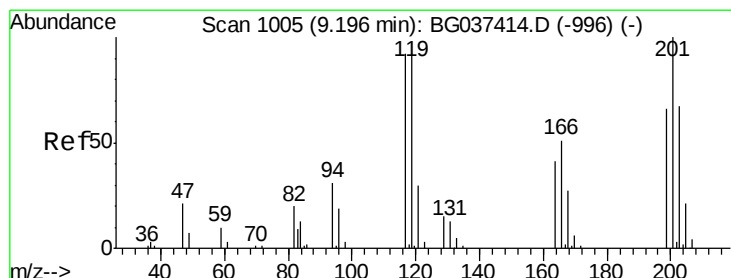
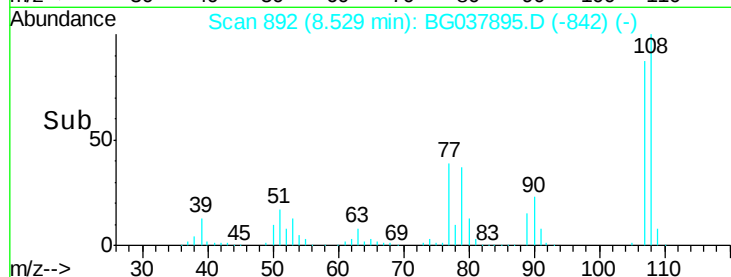
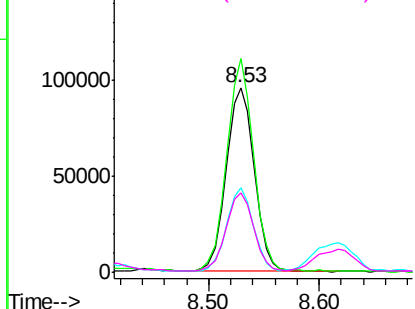


#17  
2-Methylphenol  
Concen: 44.920 ng  
RT: 8.53 min Scan# 892  
Delta R.T. -0.01 min  
Lab File: BG037895.D  
Acq: 8 Nov 2018 21:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 171058 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 115.5 | 87.9  | 131.9  |
| 77       | 45.5  | 35.1  | 52.7   |
| 79       | 43.1  | 34.5  | 51.7   |

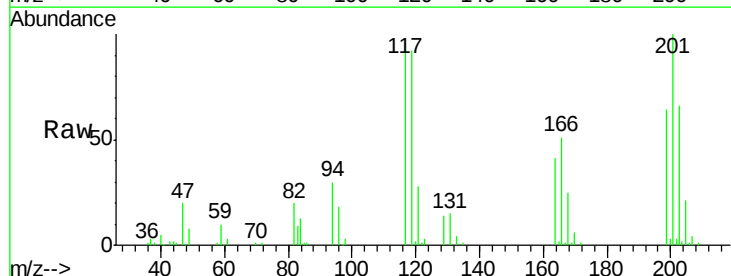


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC

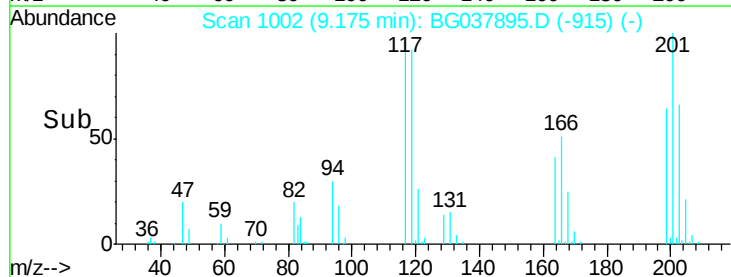
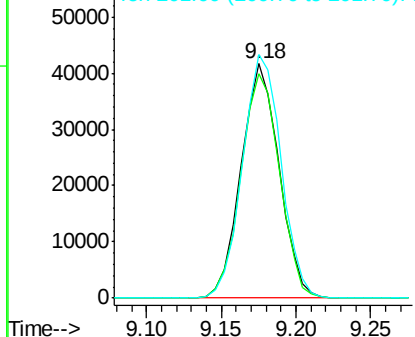


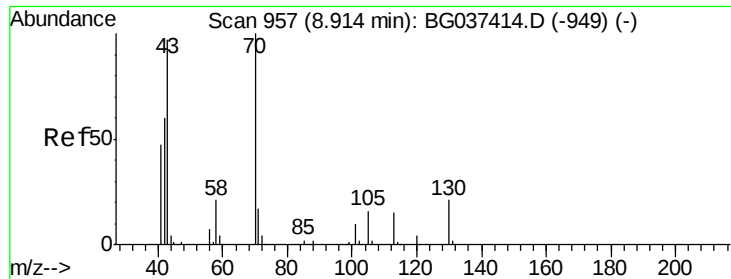
#18  
Hexachloroethane  
Concen: 44.580 ng  
RT: 9.18 min Scan# 1002  
Delta R.T. -0.02 min  
Lab File: BG037895.D  
Acq: 8 Nov 2018 21:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 73097 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 96.0  | 74.6  | 111.8 |
| 201      | 107.2 | 80.8  | 121.2 |



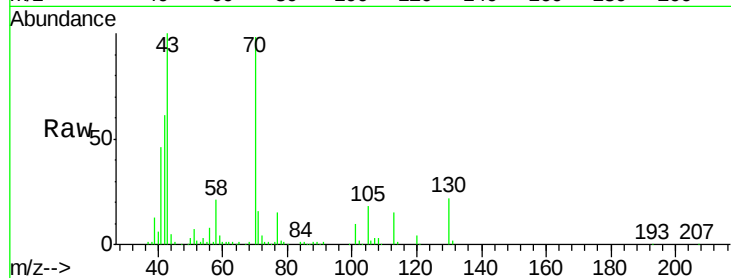
Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E



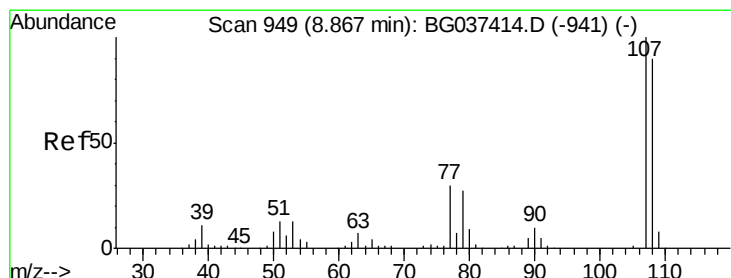
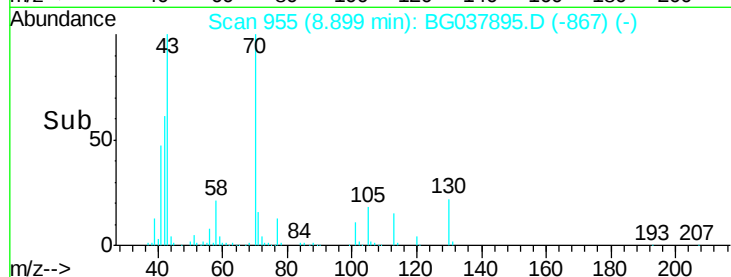
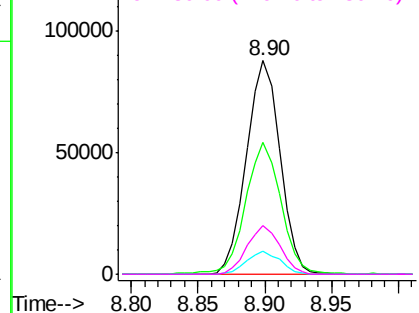


#19  
n-Nitroso-di-n-propylamine  
Concen: 40.733 ng  
RT: 8.90 min Scan# 955  
Delta R.T. -0.01 min  
Lab File: BG037895.D  
Acq: 8 Nov 2018 21:12

Tgt Ion: 70 Resp: 153127  
Ion Ratio Lower Upper  
70 100  
42 61.8 53.9 80.9  
101 10.6 8.2 12.2  
130 22.5 18.2 27.4

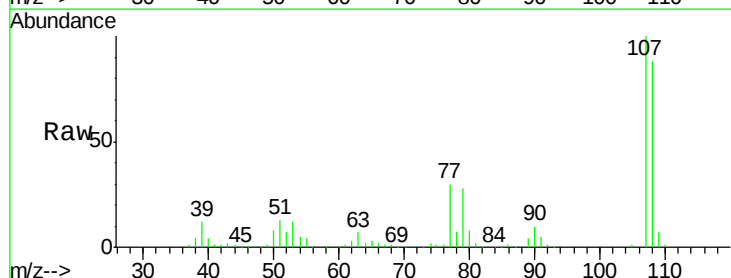


Abundance Ion 70.00 (69.70 to 70.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 101.00 (100.70 to 101.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC

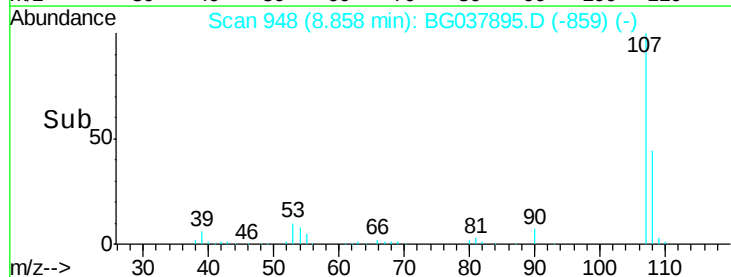
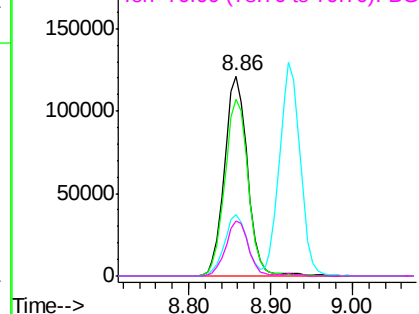


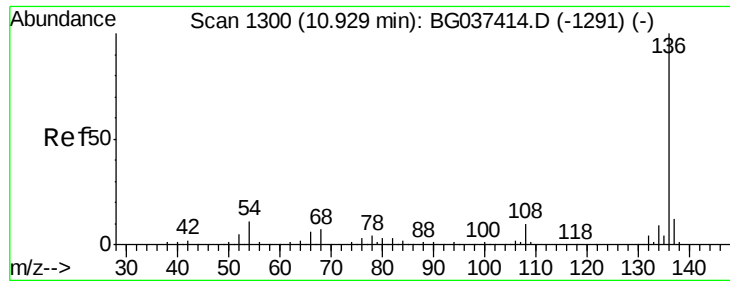
#20  
3+4-Methylphenols  
Concen: 43.878 ng  
RT: 8.86 min Scan# 948  
Delta R.T. -0.01 min  
Lab File: BG037895.D  
Acq: 8 Nov 2018 21:12

Tgt Ion: 107 Resp: 238896  
Ion Ratio Lower Upper  
107 100  
108 88.2 69.9 109.9  
77 30.5 11.2 51.2  
79 27.6 6.6 46.6



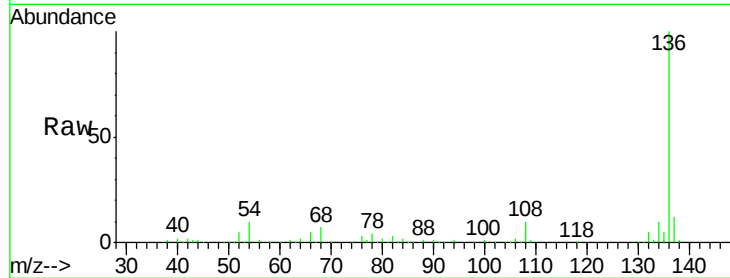
Abundance Ion 107.00 (106.70 to 107.70): BGC  
Ion 108.00 (107.70 to 108.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC



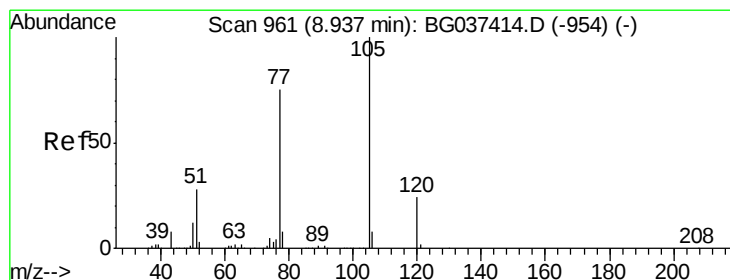
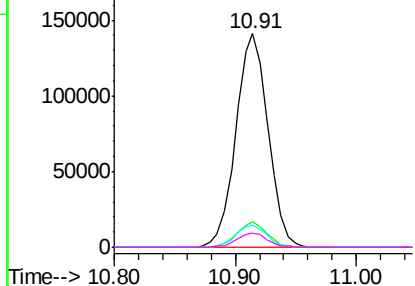
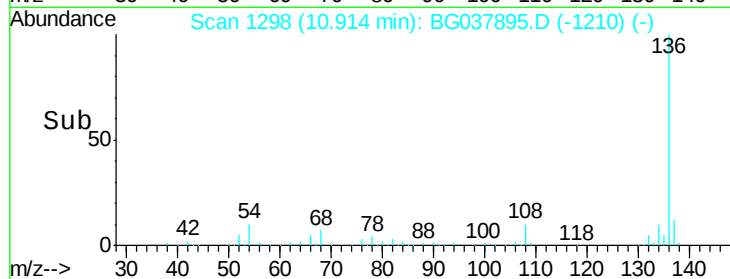


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.91 min Scan# 1298  
Delta R.T. -0.01 min  
Lab File: BG037895.D  
Acq: 8 Nov 2018 21:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 260215 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 12.0  | 9.6   | 14.4   |
| 54       | 10.0  | 7.9   | 11.9   |
| 68       | 6.8   | 4.8   | 7.2    |

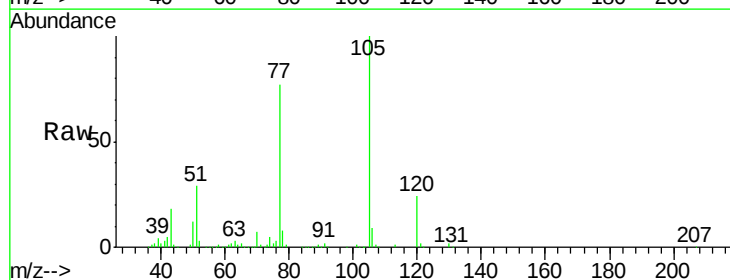


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

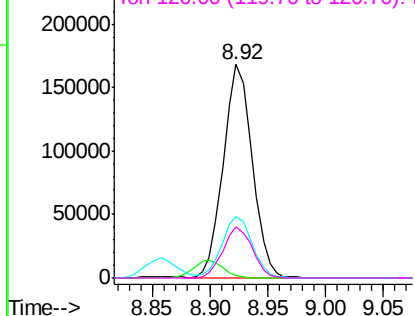
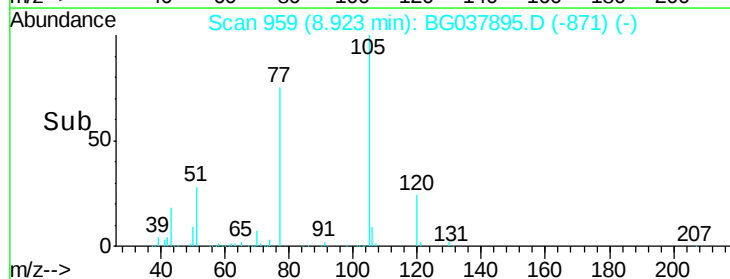


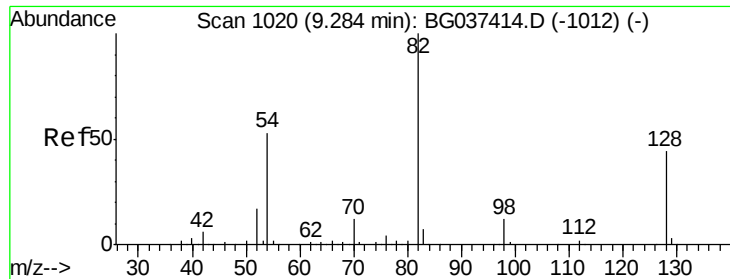
#22  
Acetophenone  
Concen: 44.883 ng  
RT: 8.92 min Scan# 959  
Delta R.T. -0.01 min  
Lab File: BG037895.D  
Acq: 8 Nov 2018 21:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 292911 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 1.1   | 1.2   | 1.8#   |
| 51       | 28.7  | 25.0  | 37.6   |
| 120      | 24.0  | 18.6  | 28.0   |



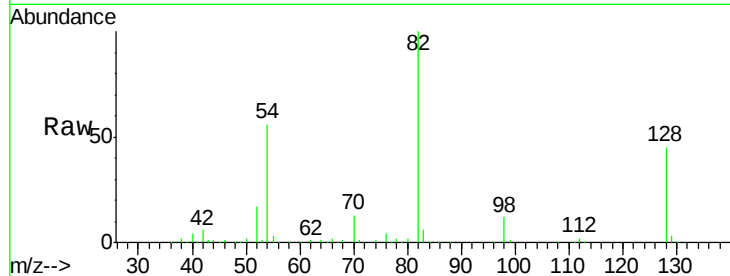
Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC  
Ion 120.00 (119.70 to 120.70): E



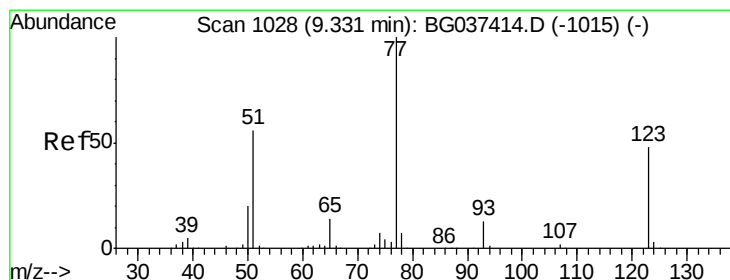
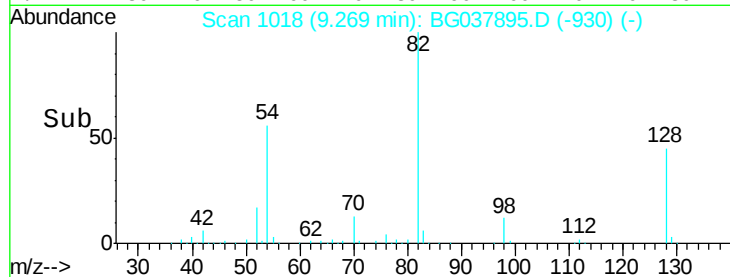
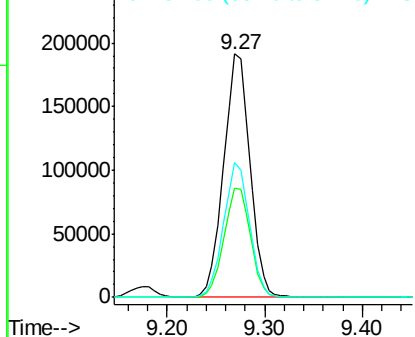


#23  
 Nitrobenzene-d5  
 Concen: 77.362 ng  
 RT: 9.27 min Scan# 1018  
 Delta R.T. -0.01 min  
 Lab File: BG037895.D  
 Acq: 8 Nov 2018 21:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 45.0  | 34.6  | 51.8  |
| 54      | 55.6  | 45.3  | 67.9  |

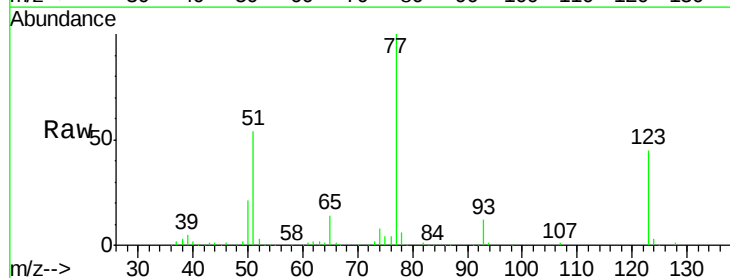


Abundance Ion 82.00 (81.70 to 82.70): BGC  
 Ion 128.00 (127.70 to 128.70): BGC  
 Ion 54.00 (53.70 to 54.70): BGC

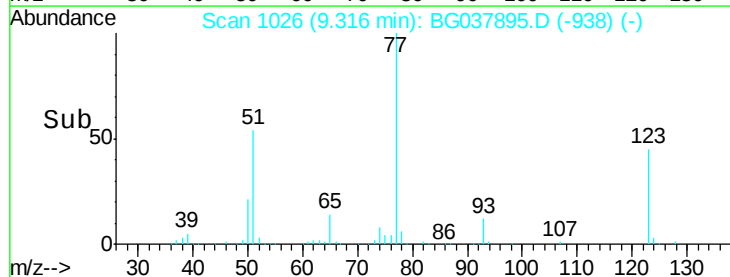
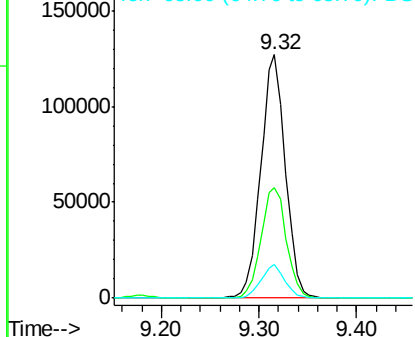


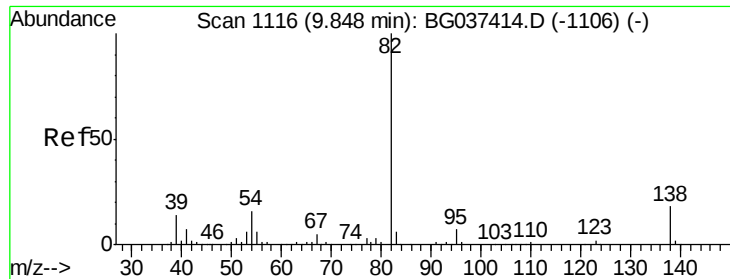
#24  
 Nitrobenzene  
 Concen: 46.611 ng  
 RT: 9.32 min Scan# 1026  
 Delta R.T. -0.01 min  
 Lab File: BG037895.D  
 Acq: 8 Nov 2018 21:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 45.3  | 33.6  | 50.4  |
| 65      | 13.7  | 11.3  | 16.9  |



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





#25

Isophorone

Concen: 52.484 ng

RT: 9.83 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BG037895.D

Acq: 8 Nov 2018 21:12

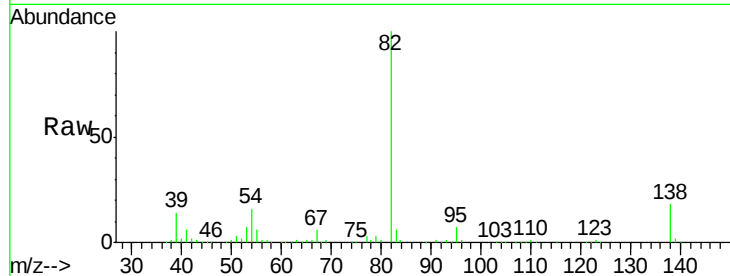
Tgt Ion: 82 Resp: 445452

Ion Ratio Lower Upper

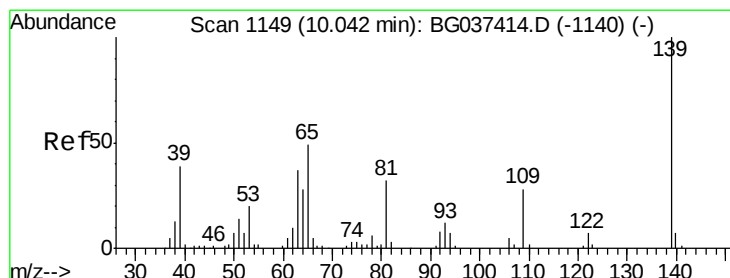
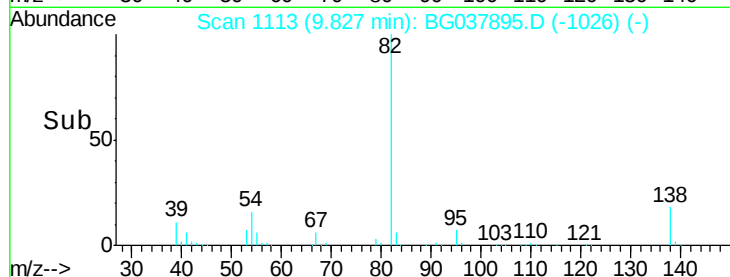
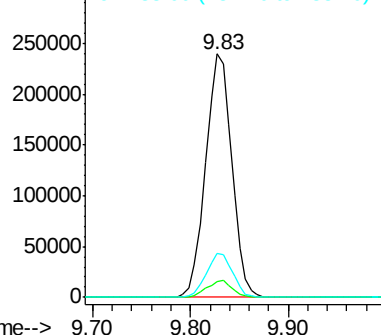
82 100

95 6.7 5.3 7.9

138 18.0 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: 53.382 ng

RT: 10.02 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BG037895.D

Acq: 8 Nov 2018 21:12

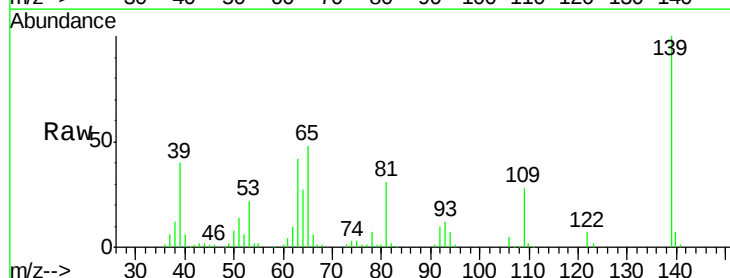
Tgt Ion: 139 Resp: 116046

Ion Ratio Lower Upper

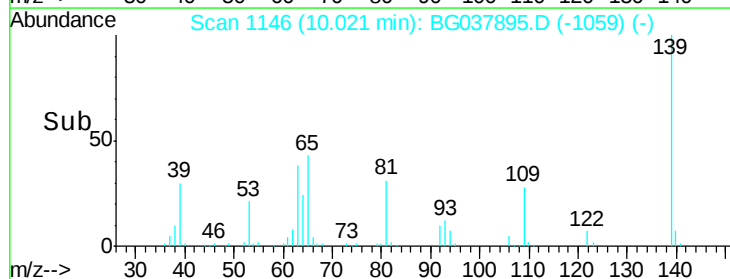
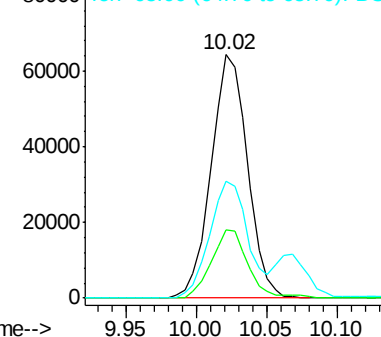
139 100

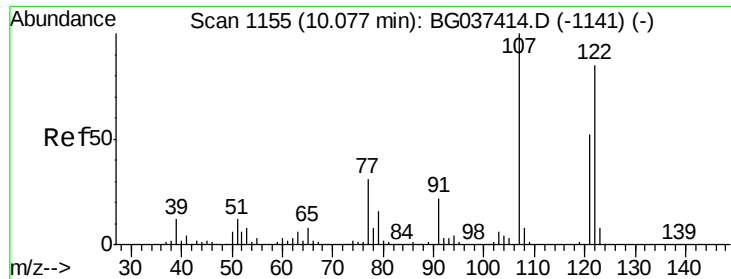
109 27.9 23.3 34.9

65 48.2 39.8 59.8



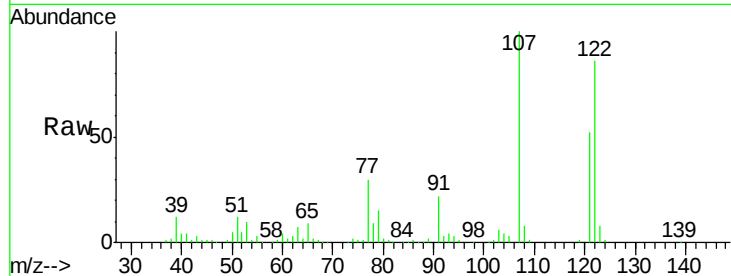
Abundance Ion 139.00 (138.70 to 139.70): BGC  
Ion 109.00 (108.70 to 109.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC



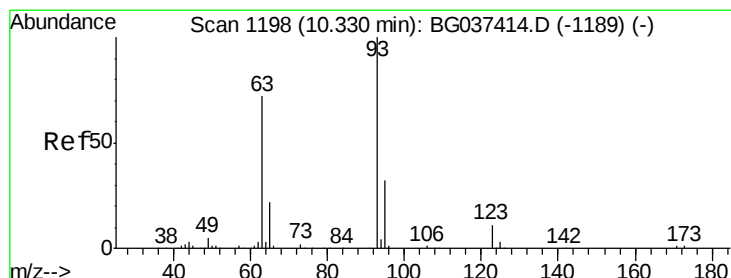
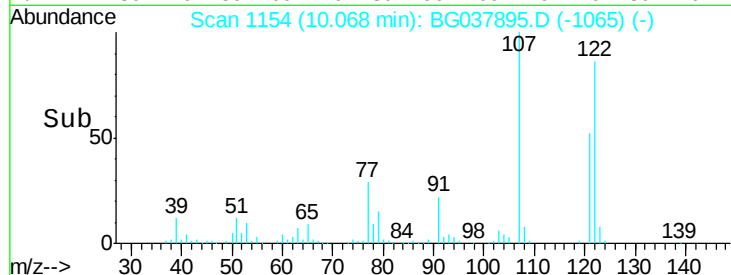
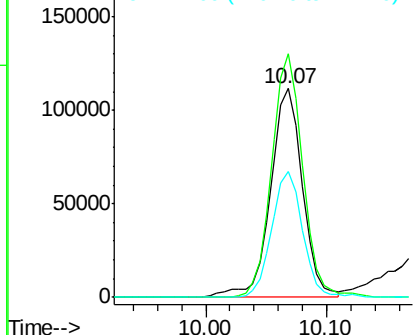


#27  
2,4-Dimethylphenol  
Concen: 52.628 ng  
RT: 10.07 min Scan# 1154  
Delta R.T. -0.01 min  
Lab File: BG037895.D  
Acq: 8 Nov 2018 21:12

Tgt Ion: 122 Resp: 204271  
Ion Ratio Lower Upper  
122 100  
107 116.6 94.2 141.2  
121 60.2 47.3 70.9

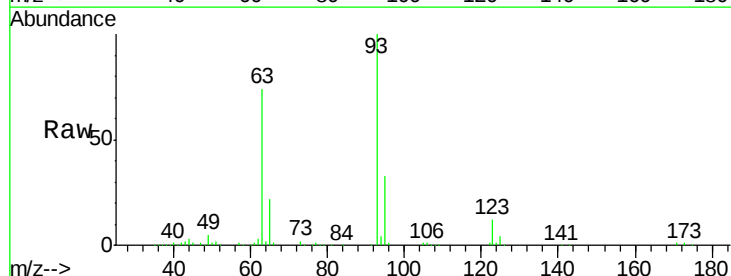


Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E

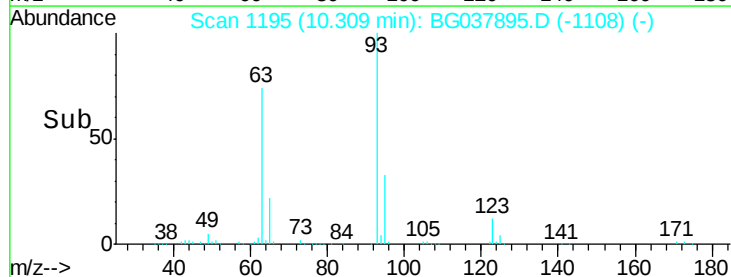
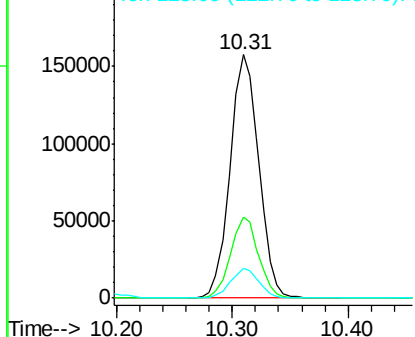


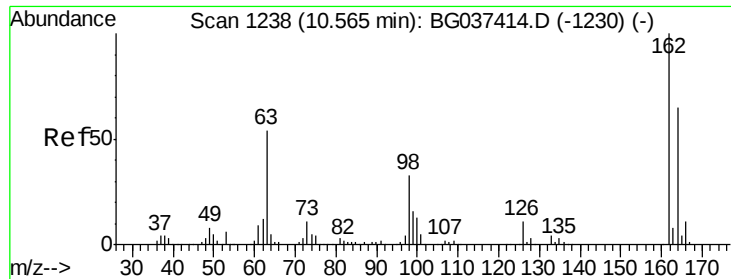
#28  
bis(2-Chloroethoxy)methane  
Concen: 48.716 ng  
RT: 10.31 min Scan# 1195  
Delta R.T. -0.02 min  
Lab File: BG037895.D  
Acq: 8 Nov 2018 21:12

Tgt Ion: 93 Resp: 270898  
Ion Ratio Lower Upper  
93 100  
95 33.1 24.6 37.0  
123 12.5 9.1 13.7



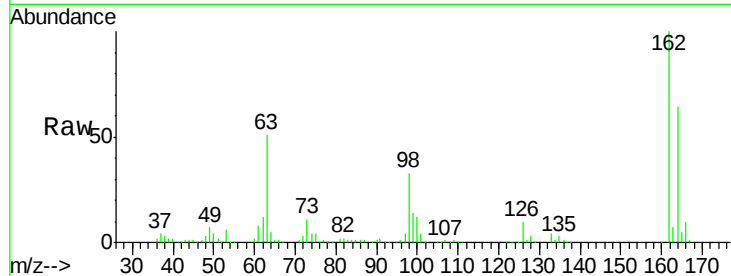
Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC  
Ion 123.00 (122.70 to 123.70): E



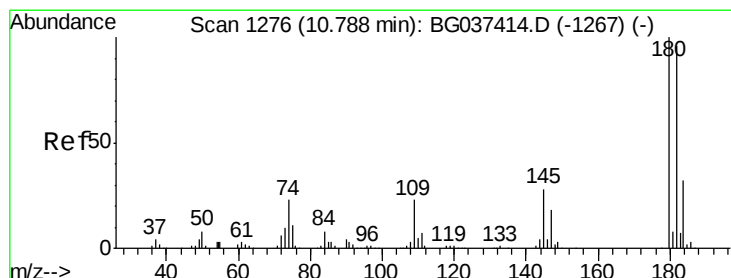
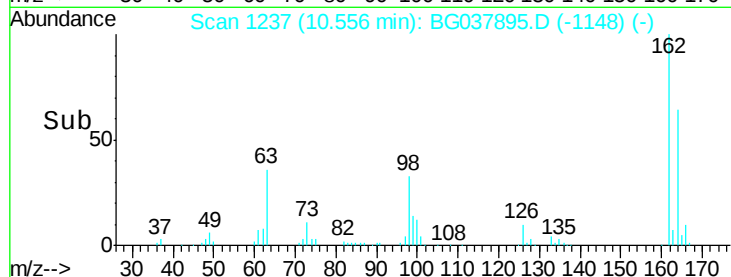
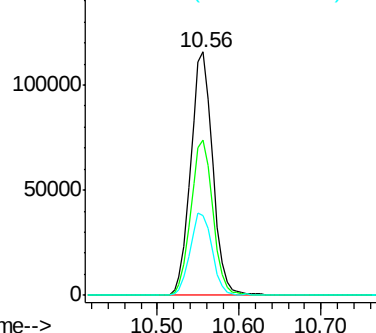


#29  
 2,4-Dichlorophenol  
 Concen: 50.420 ng  
 RT: 10.56 min Scan# 1237  
 Delta R.T. -0.01 min  
 Lab File: BG037895.D  
 Acq: 8 Nov 2018 21:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.8  | 43.2  | 83.2  |
| 98      | 32.8  | 16.0  | 56.0  |

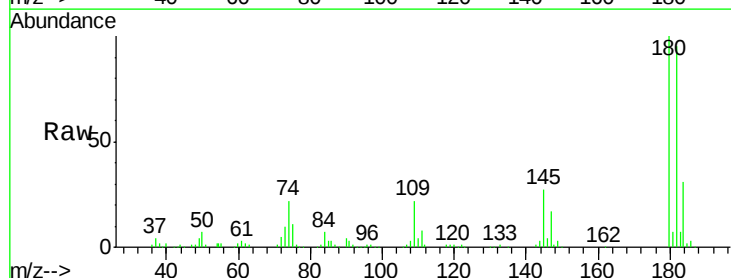


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): B

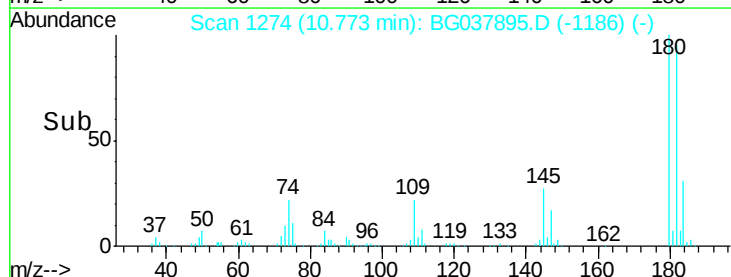
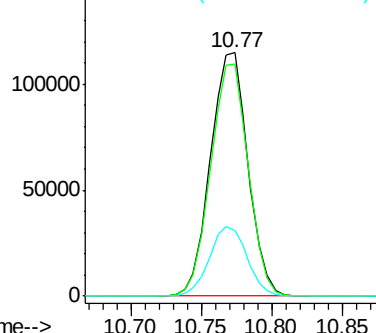


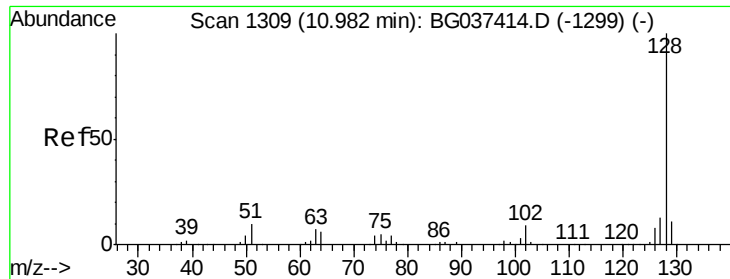
#30  
 1,2,4-Trichlorobenzene  
 Concen: 45.341 ng  
 RT: 10.77 min Scan# 1274  
 Delta R.T. -0.01 min  
 Lab File: BG037895.D  
 Acq: 8 Nov 2018 21:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.2  | 77.7  | 116.5 |
| 145     | 27.1  | 23.3  | 34.9  |



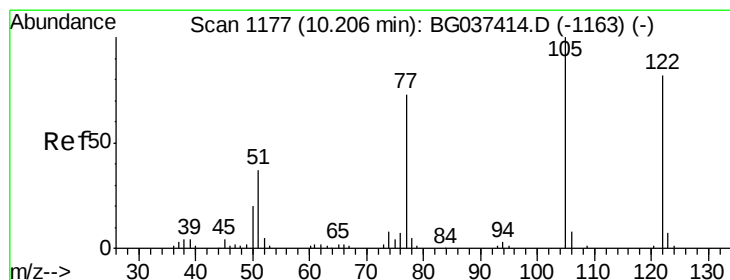
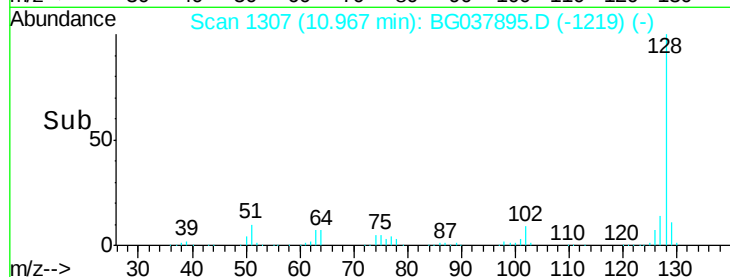
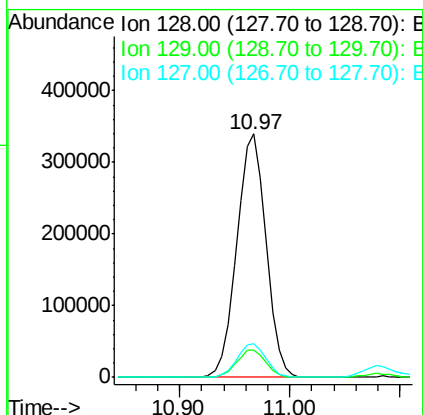
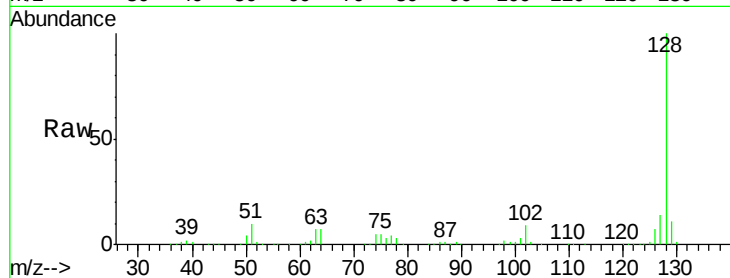
Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E





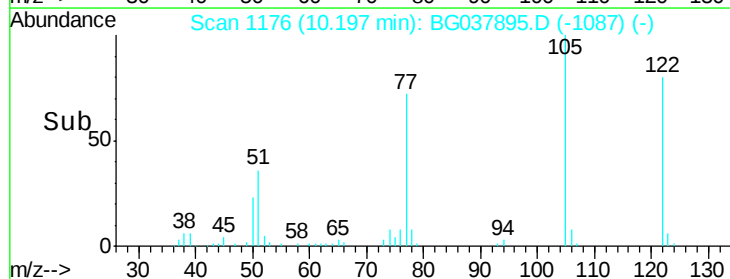
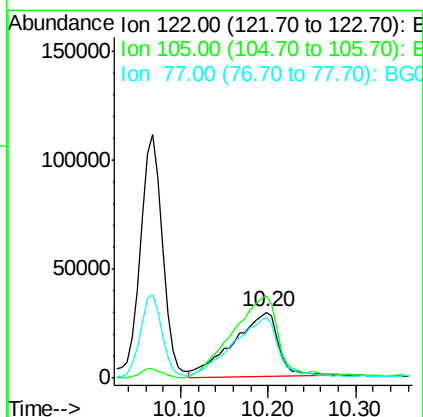
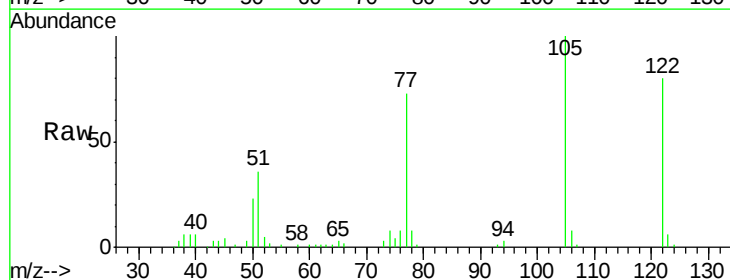
#31  
Naphthalene  
Concen: 49.366 ng  
RT: 10.97 min Scan# 1307  
Delta R.T. -0.01 min  
Lab File: BG037895.D  
Acq: 8 Nov 2018 21:12

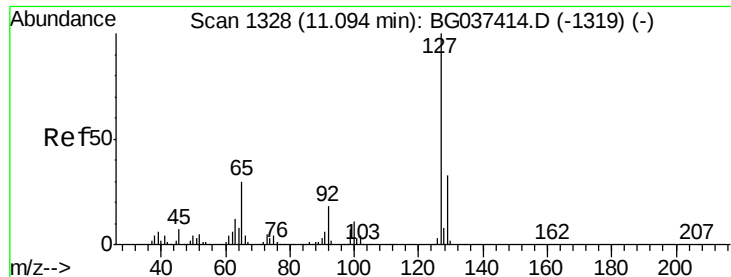
Tgt Ion:128 Resp: 630957  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.0 13.6  
127 13.8 11.1 16.7



#32  
Benzoic acid  
Concen: 41.459 ng  
RT: 10.20 min Scan# 1176  
Delta R.T. -0.01 min  
Lab File: BG037895.D  
Acq: 8 Nov 2018 21:12

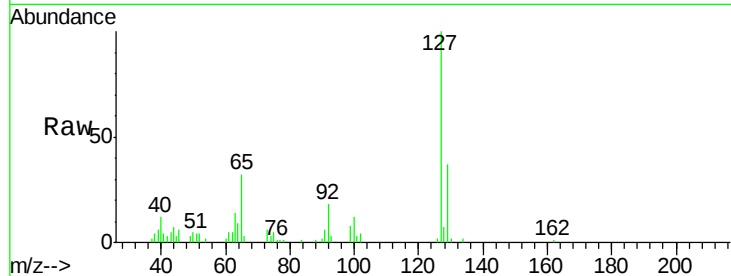
Tgt Ion:122 Resp: 104519  
Ion Ratio Lower Upper  
122 100  
105 125.3 106.7 146.7  
77 91.2 72.2 112.2



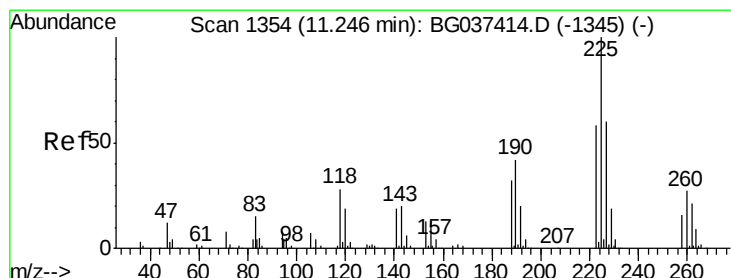
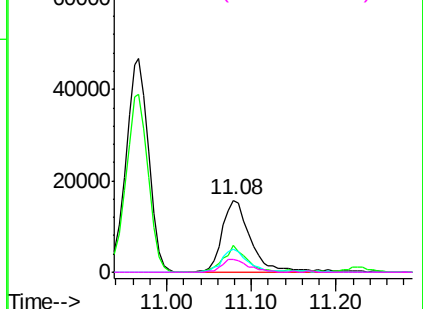
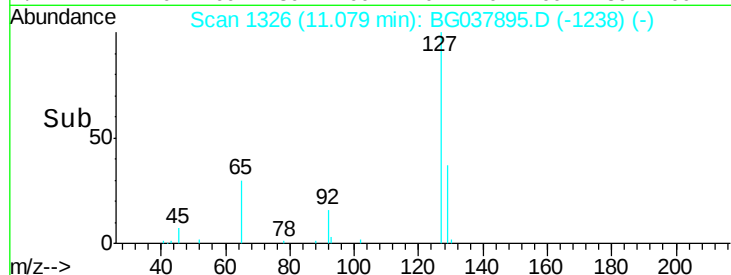


#33  
4-Chloroaniline  
Concen: 6.158 ng  
RT: 11.08 min Scan# 1326  
Delta R.T. -0.01 min  
Lab File: BG037895.D  
Acq: 8 Nov 2018 21:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 36979 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 36.9  | 27.1  | 40.7  |
| 65       | 31.9  | 26.6  | 39.8  |
| 92       | 18.4  | 16.4  | 24.6  |

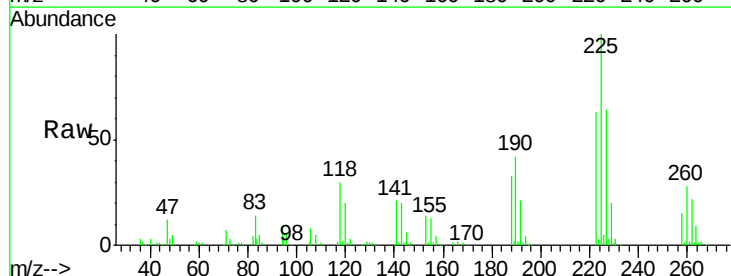


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

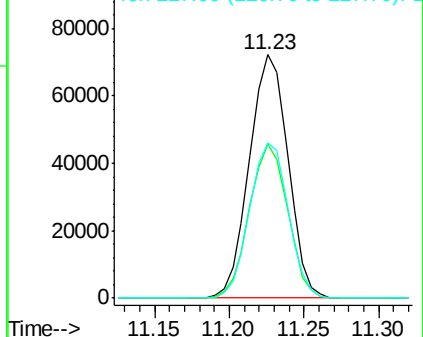
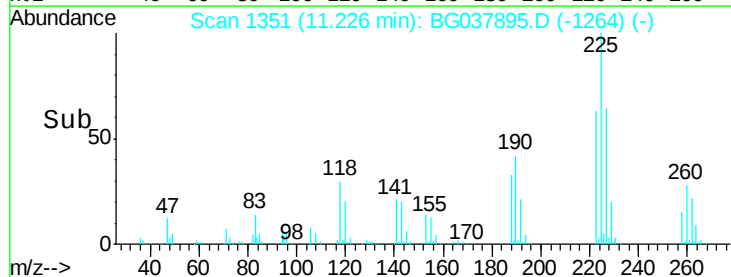


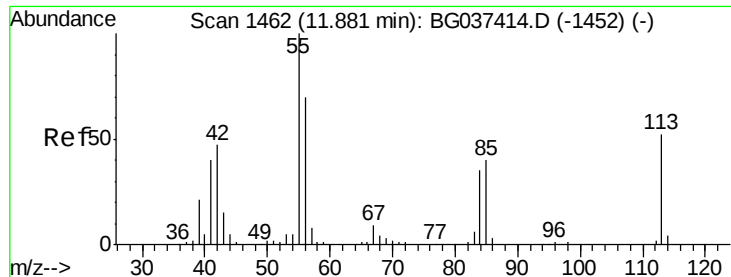
#34  
Hexachlorobutadiene  
Concen: 46.348 ng  
RT: 11.23 min Scan# 1351  
Delta R.T. -0.02 min  
Lab File: BG037895.D  
Acq: 8 Nov 2018 21:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 129096 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.0  | 48.2  | 72.4   |
| 227      | 63.2  | 51.6  | 77.4   |



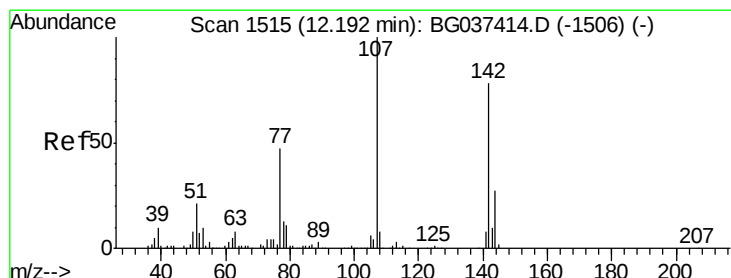
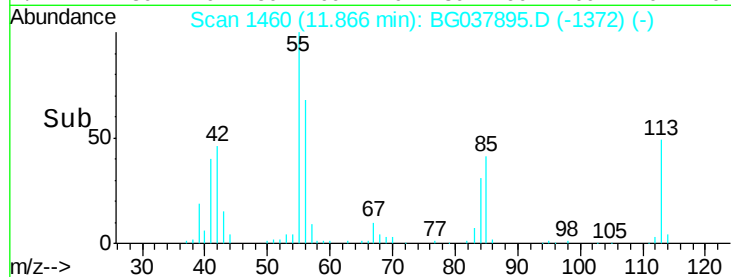
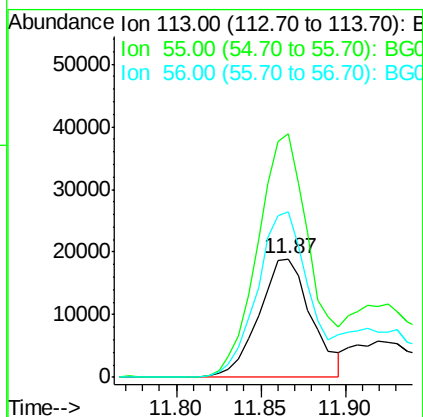
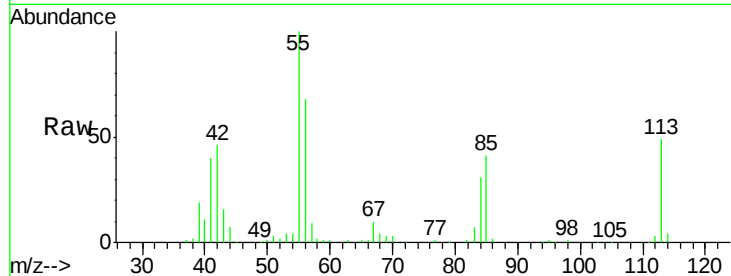
Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





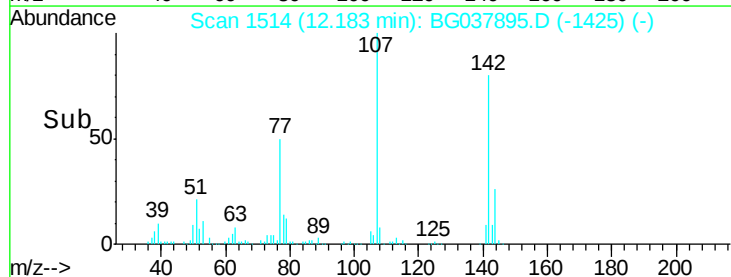
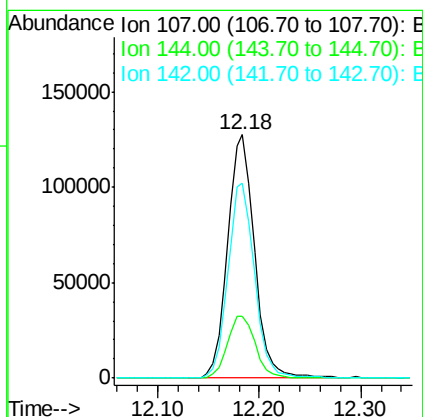
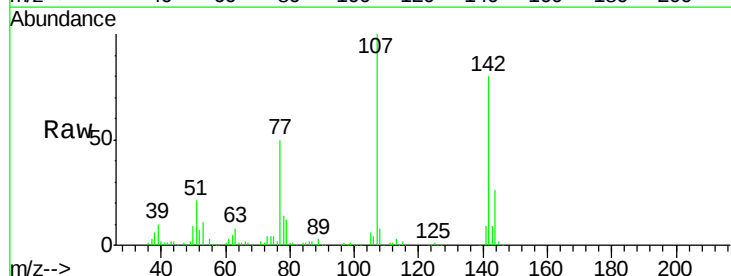
#35  
 Caprolactam  
 Concen: 23.413 ng  
 RT: 11.87 min Scan# 1460  
 Delta R.T. -0.01 min  
 Lab File: BG037895.D  
 Acq: 8 Nov 2018 21:12

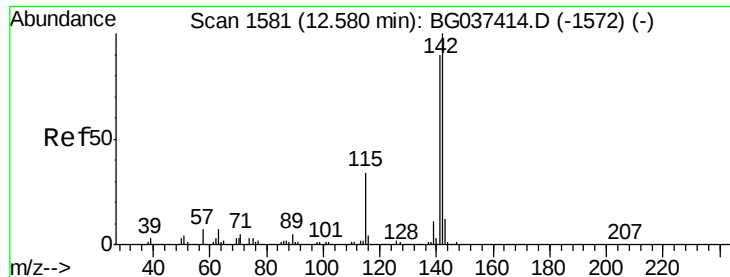
Tgt Ion:113 Resp: 40580  
 Ion Ratio Lower Upper  
 113 100  
 55 205.6 176.6 216.6  
 56 139.4 128.3 168.3



#36  
 4-Chloro-3-methylphenol  
 Concen: 47.877 ng  
 RT: 12.18 min Scan# 1514  
 Delta R.T. -0.01 min  
 Lab File: BG037895.D  
 Acq: 8 Nov 2018 21:12

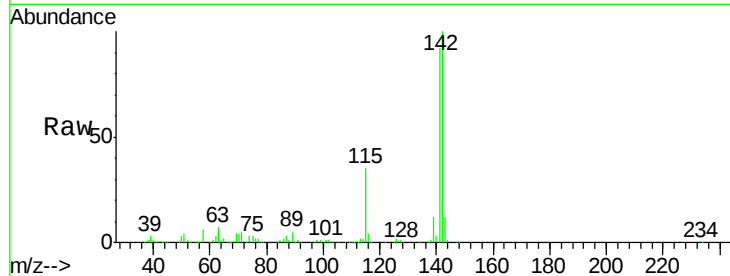
Tgt Ion:107 Resp: 233344  
 Ion Ratio Lower Upper  
 107 100  
 144 25.6 20.7 31.1  
 142 80.1 64.4 96.6



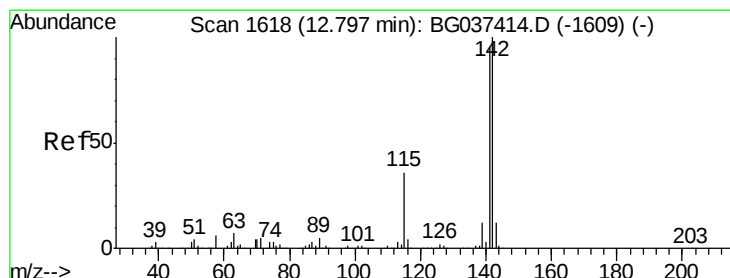
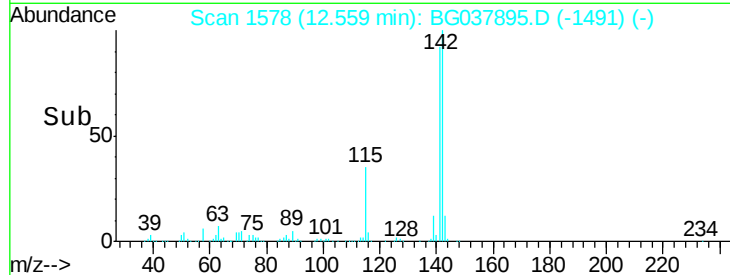
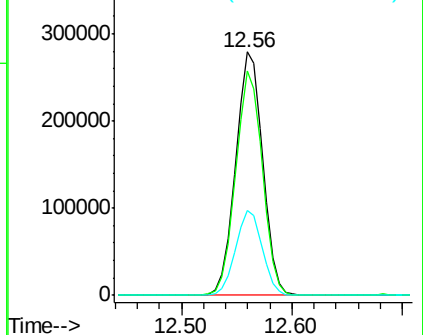


#37  
 2-Methylnaphthalene  
 Concen: 51.613 ng  
 RT: 12.56 min Scan# 1578  
 Delta R.T. -0.02 min  
 Lab File: BG037895.D  
 Acq: 8 Nov 2018 21:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.4  | 71.9  | 107.9 |
| 115     | 34.9  | 27.8  | 41.8  |

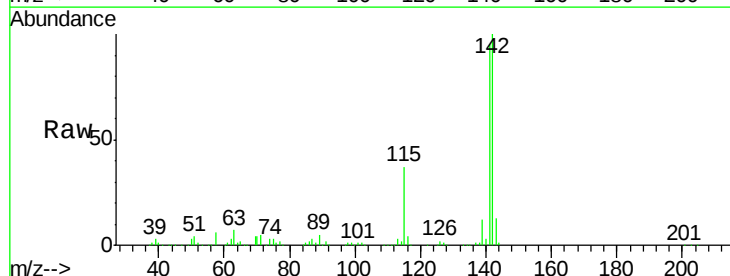


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

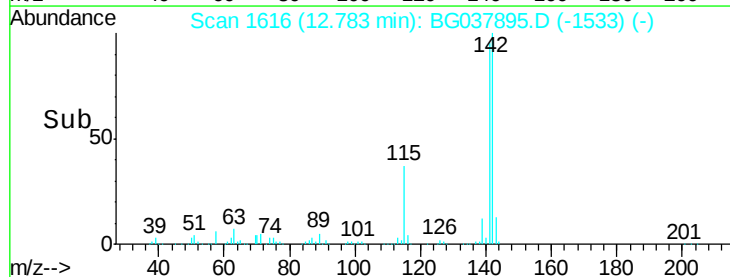
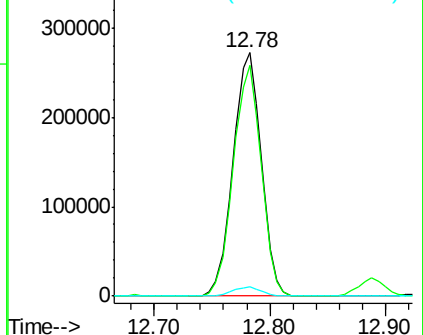


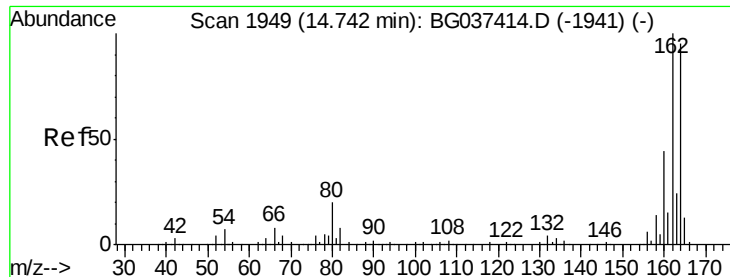
#38  
 1-Methylnaphthalene  
 Concen: 50.838 ng  
 RT: 12.78 min Scan# 1616  
 Delta R.T. -0.01 min  
 Lab File: BG037895.D  
 Acq: 8 Nov 2018 21:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 94.6  | 75.2  | 112.8 |
| 116     | 3.7   | 3.3   | 4.9   |



Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037895.D

Acq: 8 Nov 2018 21:12

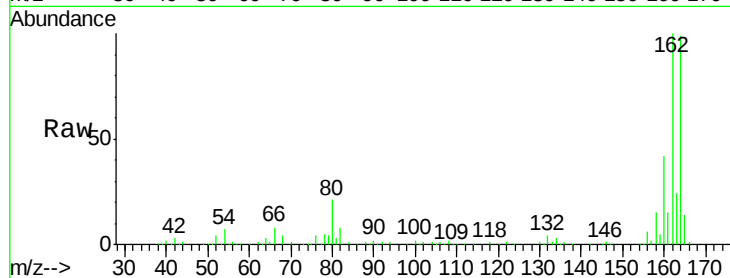
Tgt Ion:164 Resp: 174893

Ion Ratio Lower Upper

164 100

162 100.9 81.3 121.9

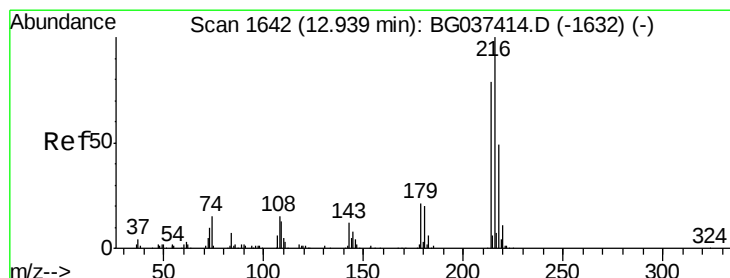
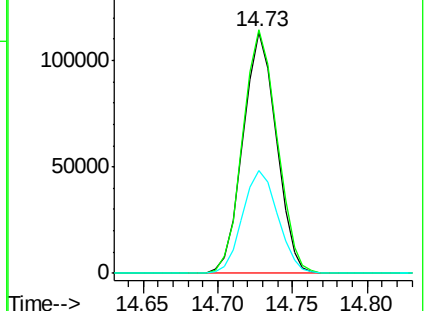
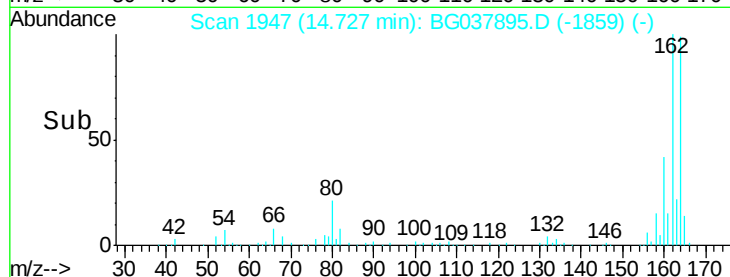
160 42.9 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.002 ng

RT: 12.92 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BG037895.D

Acq: 8 Nov 2018 21:12

Tgt Ion:216 Resp: 253865

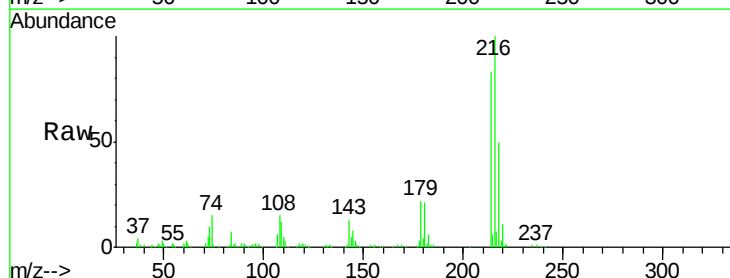
Ion Ratio Lower Upper

216 100

214 81.1 63.8 95.6

179 21.3 17.4 26.0

108 18.7 13.9 20.9

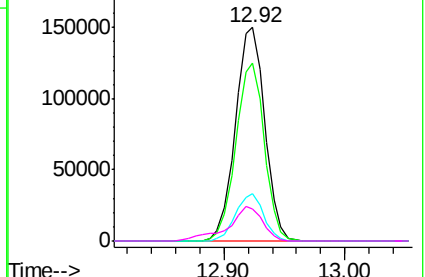
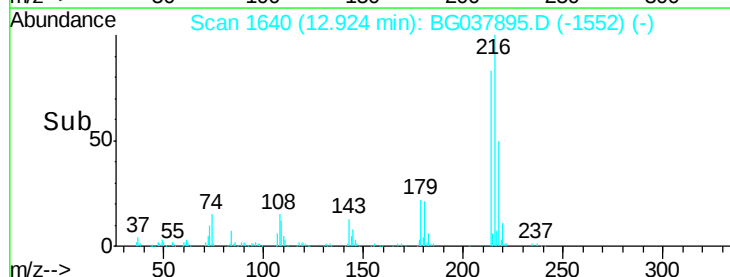


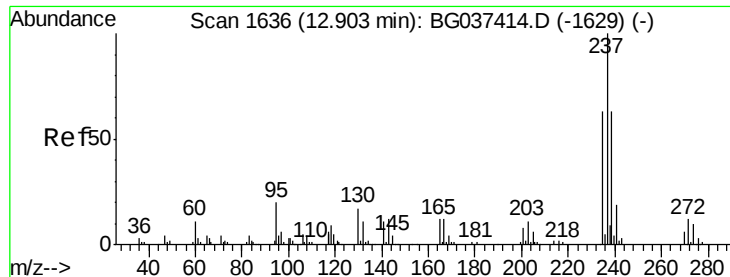
Abundance Ion 216.00 (215.70 to 216.70): E

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: 107.514 ng

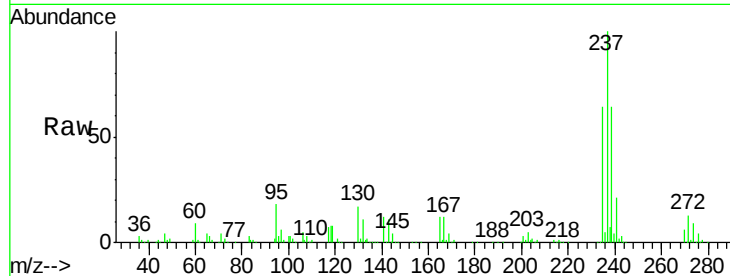
RT: 12.89 min Scan# 1634

Delta R.T. -0.01 min

Lab File: BG037895.D

Acq: 8 Nov 2018 21:12

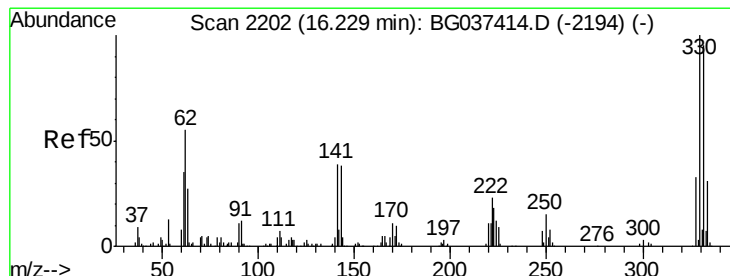
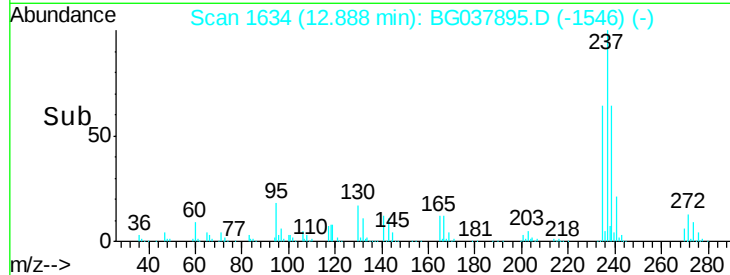
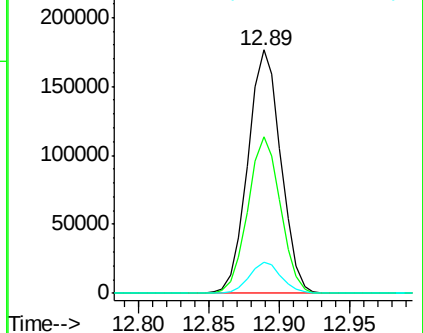
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 237   | Resp: | 289715 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 64.5  | 42.5  | 82.5   |
| 272       | 12.6  | 0.0   | 31.6   |



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: 115.669 ng

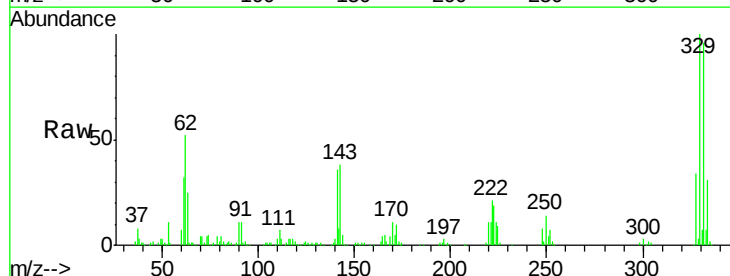
RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037895.D

Acq: 8 Nov 2018 21:12

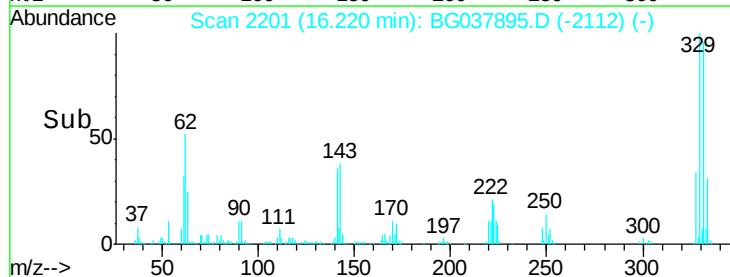
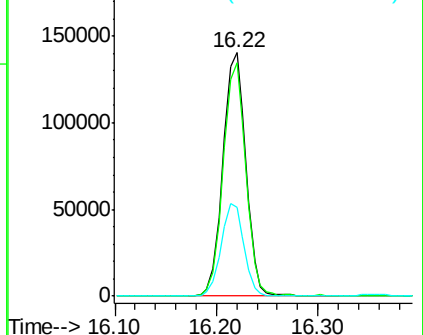
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 220643 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 94.0  | 78.4  | 117.6  |
| 141       | 37.7  | 32.2  | 48.2   |

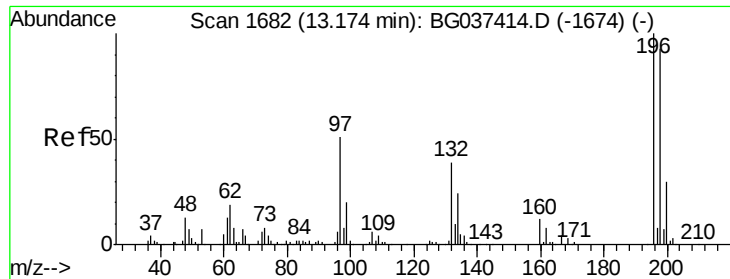


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

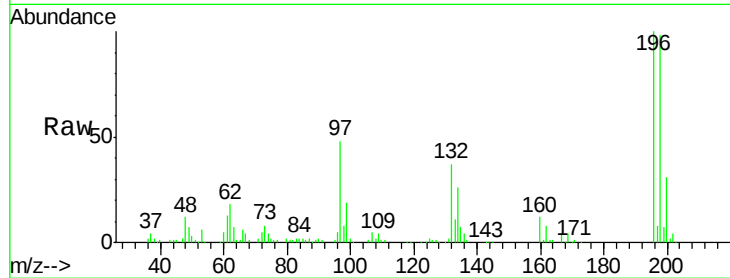
Ion 141.00 (140.70 to 141.70): E



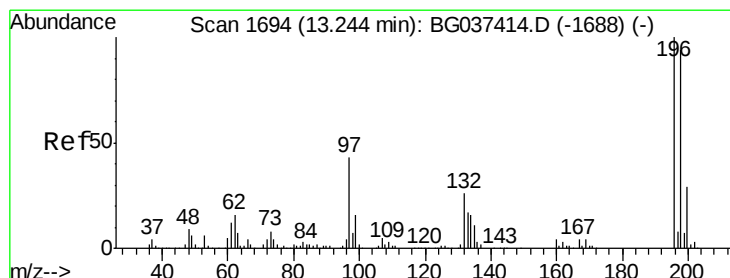
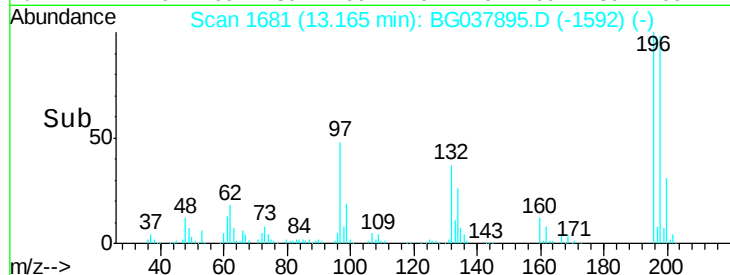
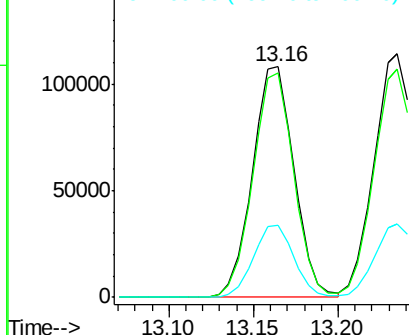


#43  
 2,4,6-Trichlorophenol  
 Concen: 49.064 ng  
 RT: 13.16 min Scan# 1681  
 Delta R.T. -0.01 min  
 Lab File: BG037895.D  
 Acq: 8 Nov 2018 21:12

Tgt Ion:196 Resp: 184915  
 Ion Ratio Lower Upper  
 196 100  
 198 97.5 76.4 114.6  
 200 31.4 24.9 37.3

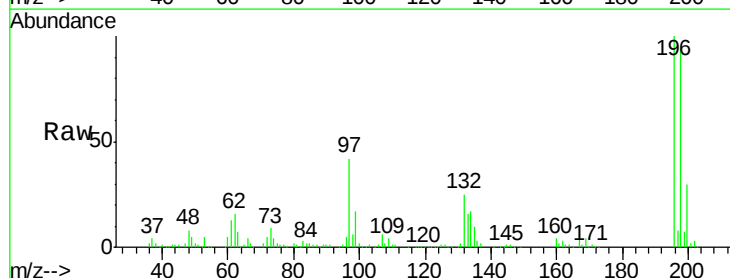


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

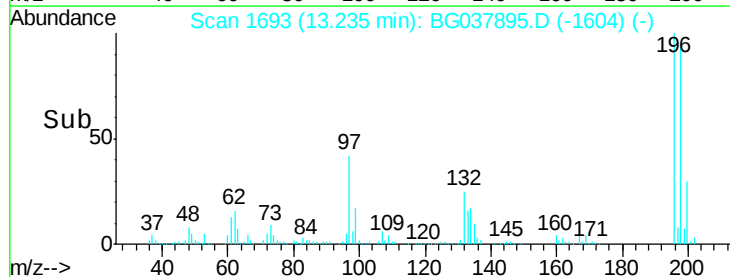
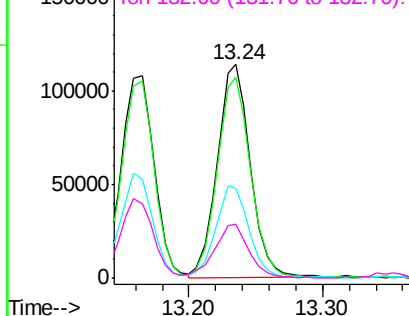


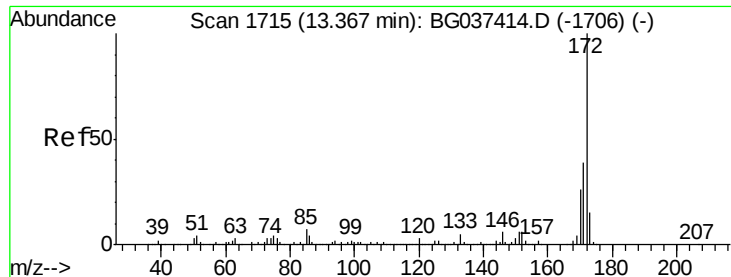
#44  
 2,4,5-Trichlorophenol  
 Concen: 47.866 ng  
 RT: 13.24 min Scan# 1693  
 Delta R.T. -0.01 min  
 Lab File: BG037895.D  
 Acq: 8 Nov 2018 21:12

Tgt Ion:196 Resp: 196414  
 Ion Ratio Lower Upper  
 196 100  
 198 94.0 74.2 111.2  
 97 42.1 34.1 51.1  
 132 25.2 20.2 30.4



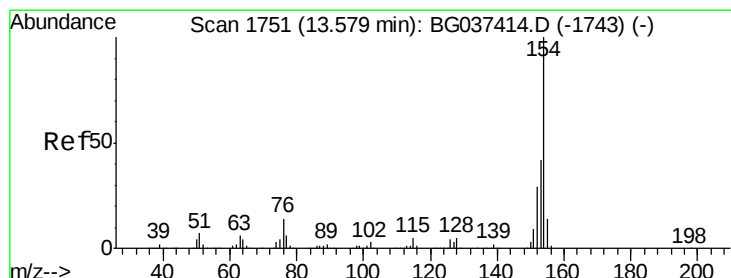
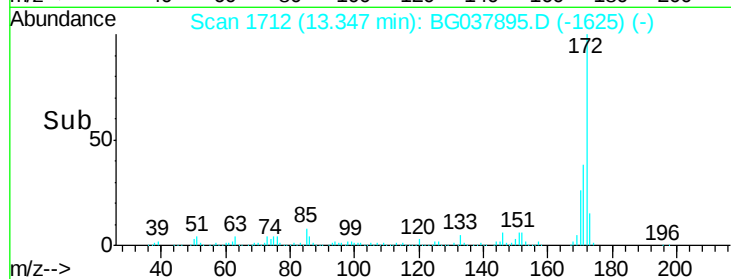
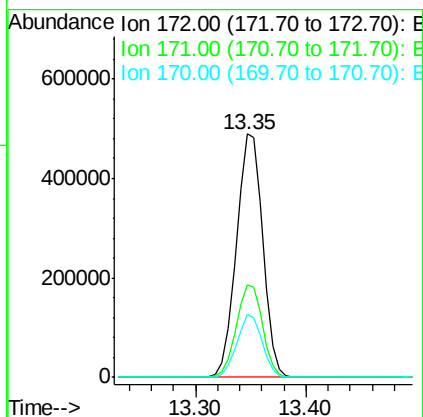
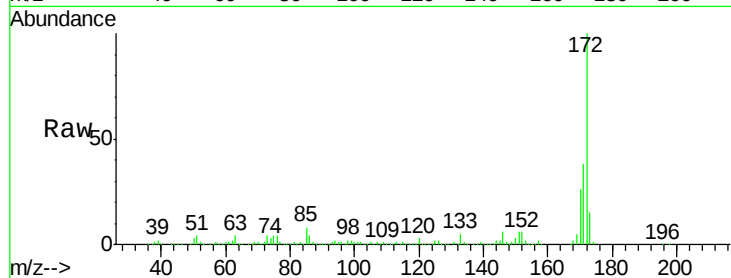
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BGC  
 Ion 132.00 (131.70 to 132.70): E





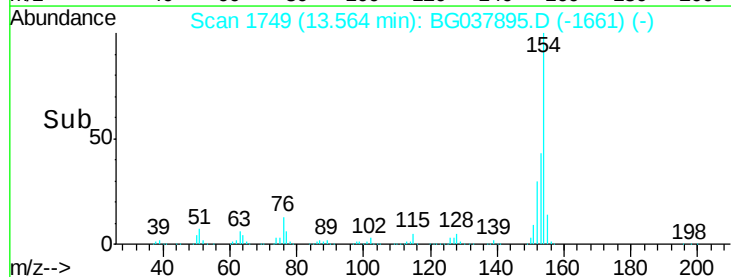
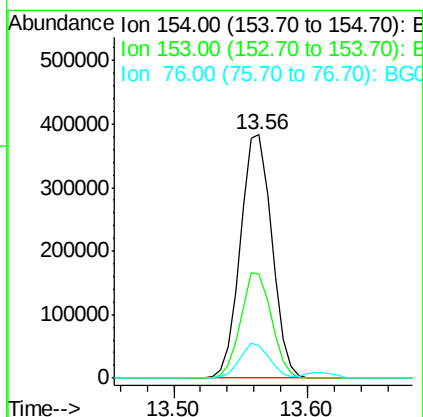
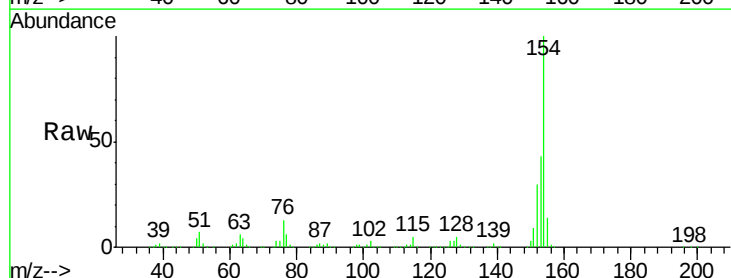
#45  
2-Fluorobiphenyl  
Concen: 70.666 ng  
RT: 13.35 min Scan# 1712  
Delta R.T. -0.02 min  
Lab File: BG037895.D  
Acq: 8 Nov 2018 21:12

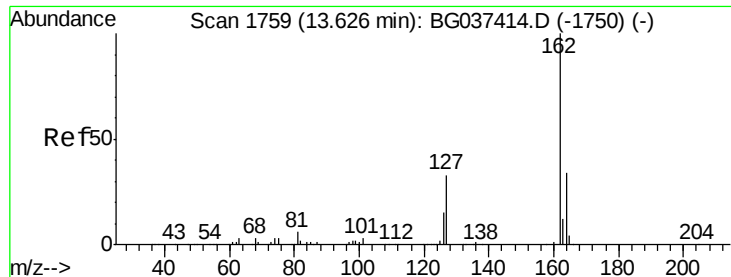
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 172   | Resp: | 819587 |
| Ion      | Ratio | Lower | Upper  |
| 172      | 100   |       |        |
| 171      | 38.3  | 31.0  | 46.4   |
| 170      | 25.7  | 20.2  | 30.2   |



#46  
1,1'-Biphenyl  
Concen: 43.097 ng  
RT: 13.56 min Scan# 1749  
Delta R.T. -0.01 min  
Lab File: BG037895.D  
Acq: 8 Nov 2018 21:12

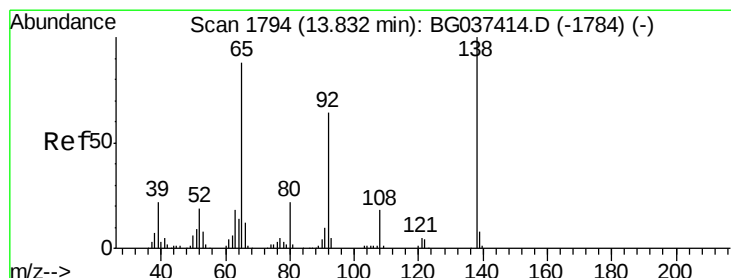
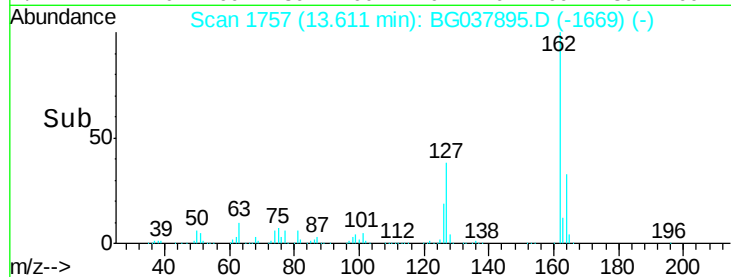
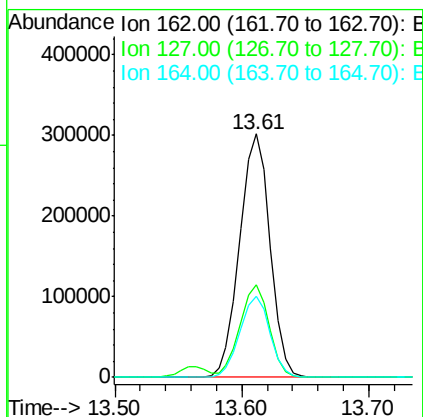
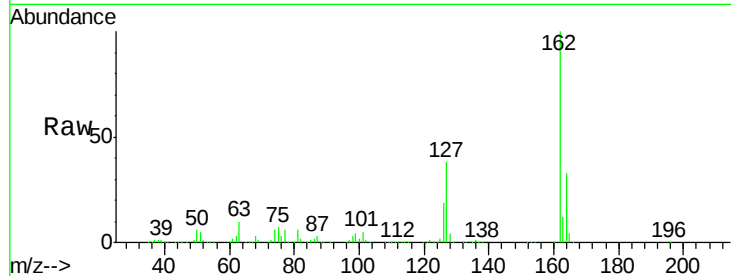
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 154   | Resp: | 624228 |
| Ion      | Ratio | Lower | Upper  |
| 154      | 100   |       |        |
| 153      | 42.6  | 22.1  | 62.1   |
| 76       | 13.5  | 0.0   | 33.2   |





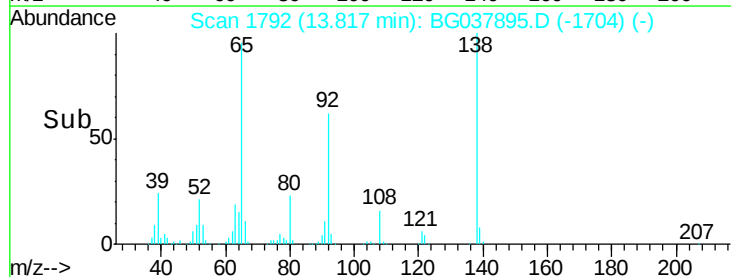
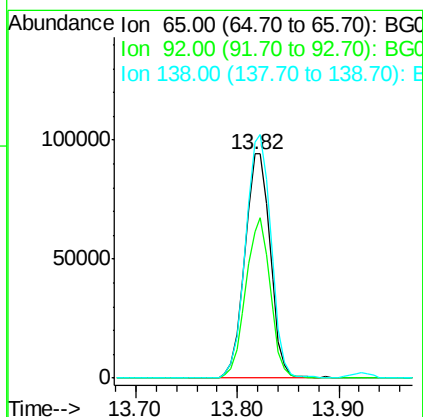
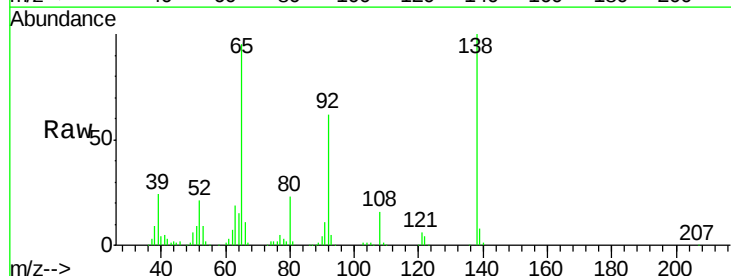
#47  
 2-Chloronaphthalene  
 Concen: 45.742 ng  
 RT: 13.61 min Scan# 1757  
 Delta R.T. -0.01 min  
 Lab File: BG037895.D  
 Acq: 8 Nov 2018 21:12

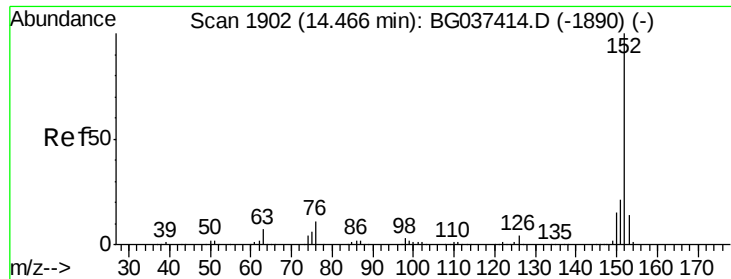
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 37.8  | 30.5  | 45.7  |
| 164     | 33.3  | 26.4  | 39.6  |



#48  
 2-Nitroaniline  
 Concen: 49.626 ng  
 RT: 13.82 min Scan# 1792  
 Delta R.T. -0.01 min  
 Lab File: BG037895.D  
 Acq: 8 Nov 2018 21:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 65.5  | 53.2  | 79.8  |
| 138     | 105.4 | 79.3  | 118.9 |





#49

Acenaphthylene

Concen: 49.350 ng

RT: 14.45 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG037895.D

Acq: 8 Nov 2018 21:12

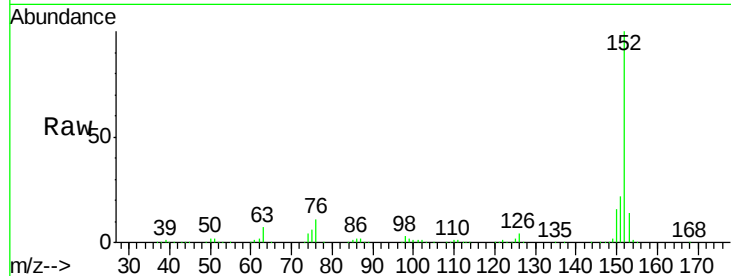
Tgt Ion:152 Resp: 813475

Ion Ratio Lower Upper

152 100

151 22.4 17.1 25.7

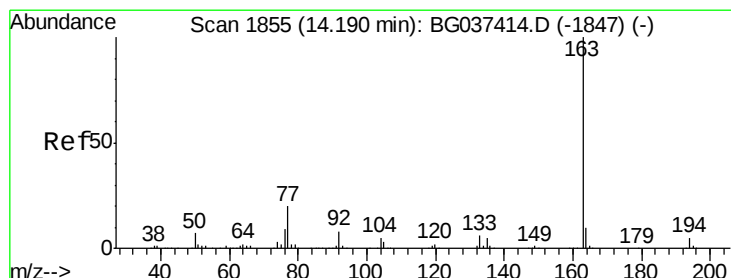
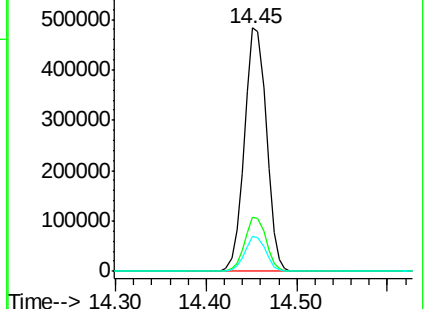
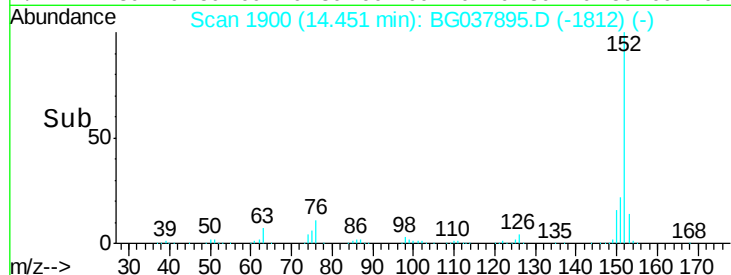
153 14.2 11.1 16.7



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: 47.256 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG037895.D

Acq: 8 Nov 2018 21:12

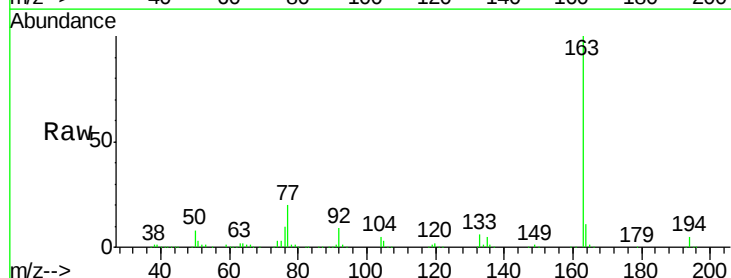
Tgt Ion:163 Resp: 639377

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

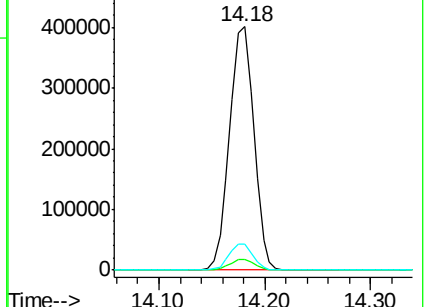
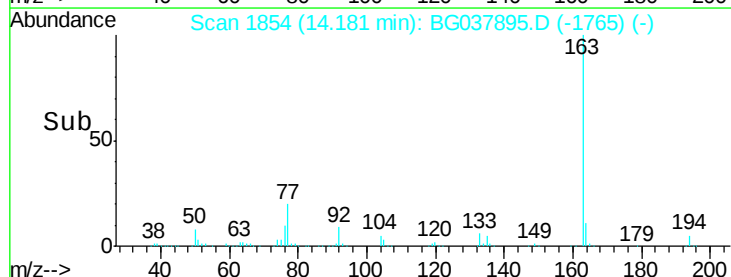
164 10.6 8.5 12.7

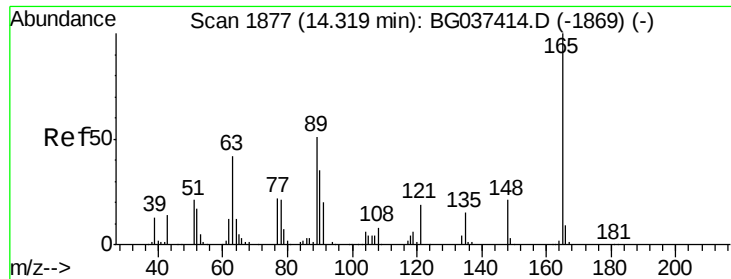


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.427 ng

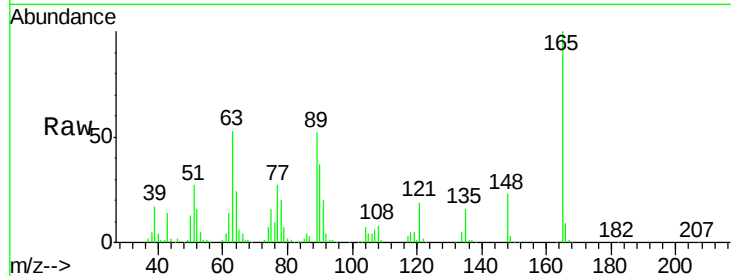
RT: 14.31 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG037895.D

Acq: 8 Nov 2018 21:12

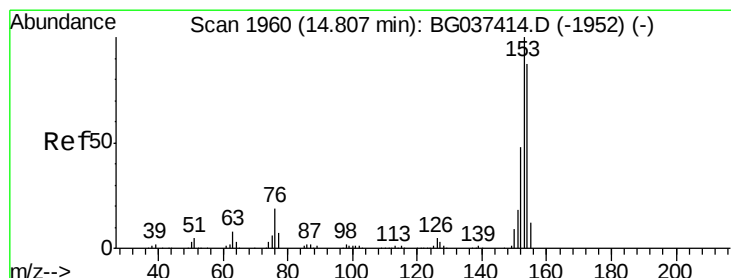
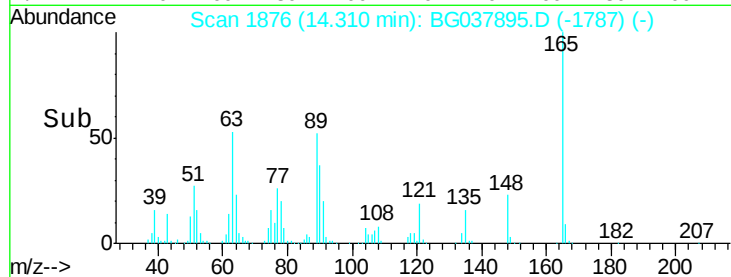
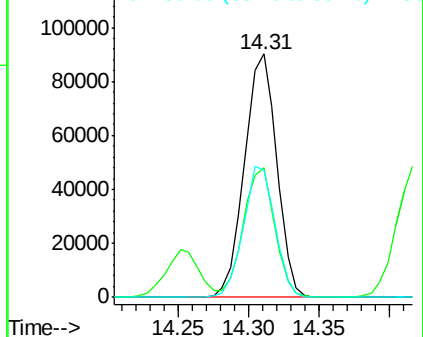
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 144948 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 53.4  | 43.4  | 65.2   |
| 89       | 52.2  | 45.8  | 68.6   |



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 47.024 ng

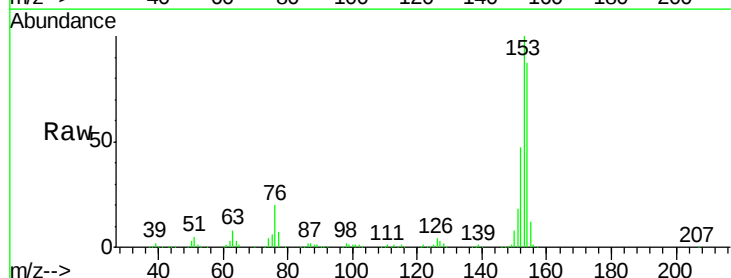
RT: 14.79 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG037895.D

Acq: 8 Nov 2018 21:12

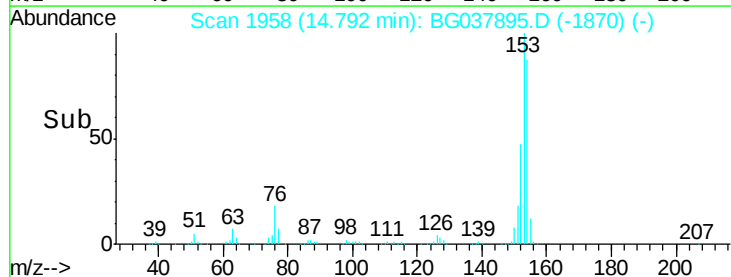
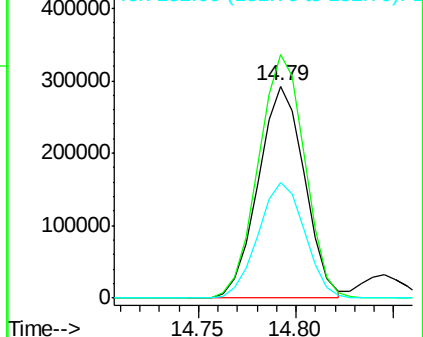
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 154   | Resp: | 477375 |
| Ion      | Ratio | Lower | Upper  |
| 154      | 100   |       |        |
| 153      | 115.0 | 93.4  | 140.0  |
| 152      | 54.5  | 44.7  | 67.1   |

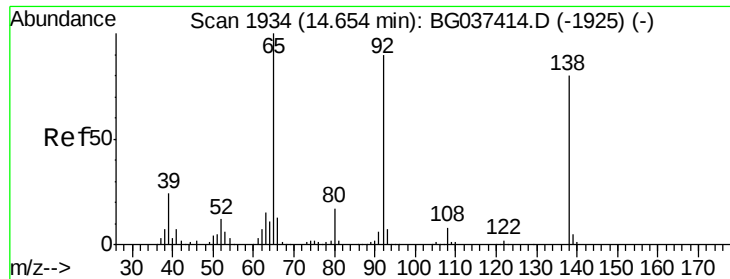


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

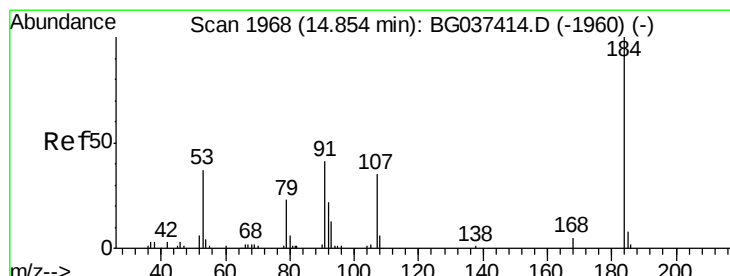
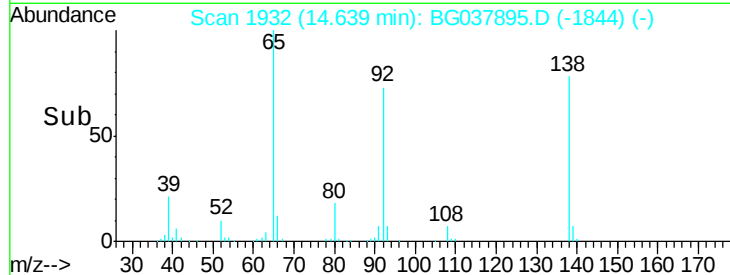
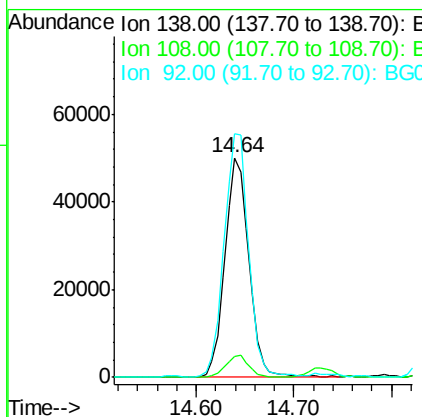
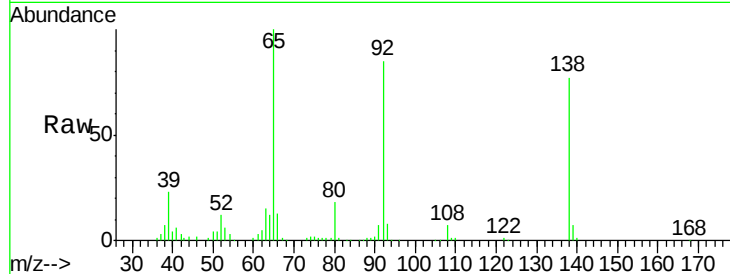
Ion 152.00 (151.70 to 152.70): E





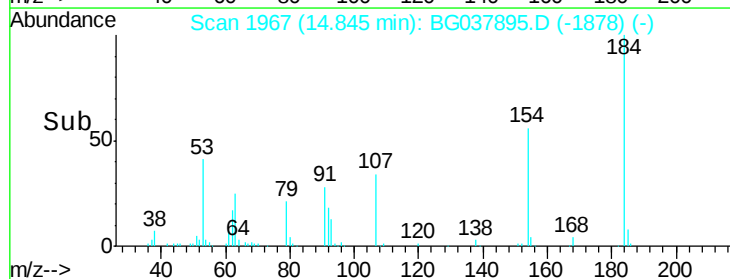
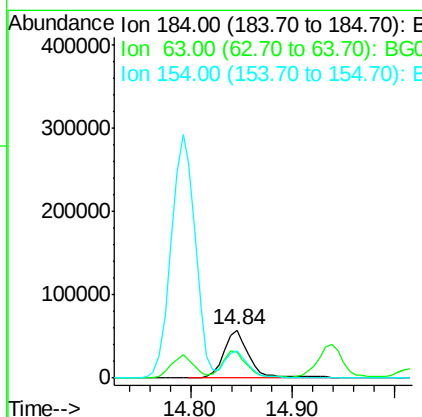
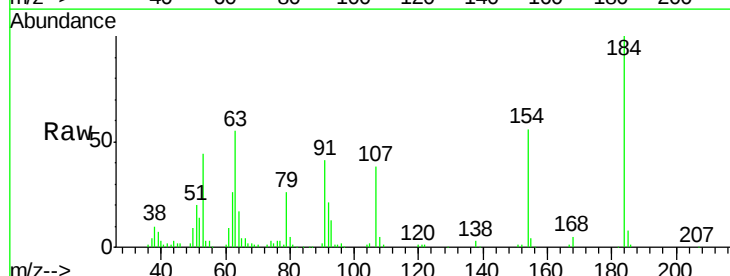
#53  
 3-Nitroaniline  
 Concen: 25.755 ng  
 RT: 14.64 min Scan# 1932  
 Delta R.T. -0.01 min  
 Lab File: BG037895.D  
 Acq: 8 Nov 2018 21:12

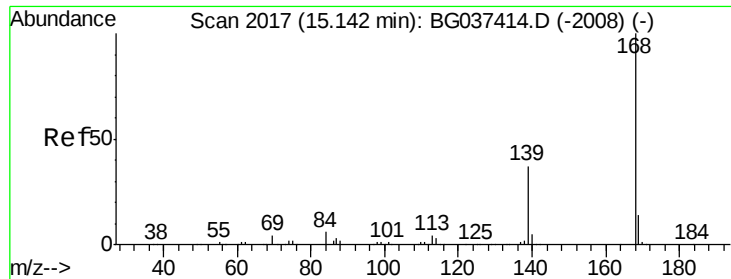
Tgt Ion:138 Resp: 85578  
 Ion Ratio Lower Upper  
 138 100  
 108 9.3 11.0 16.6#  
 92 110.8 95.2 142.8



#54  
 2,4-Dinitrophenol  
 Concen: 76.680 ng  
 RT: 14.84 min Scan# 1967  
 Delta R.T. -0.01 min  
 Lab File: BG037895.D  
 Acq: 8 Nov 2018 21:12

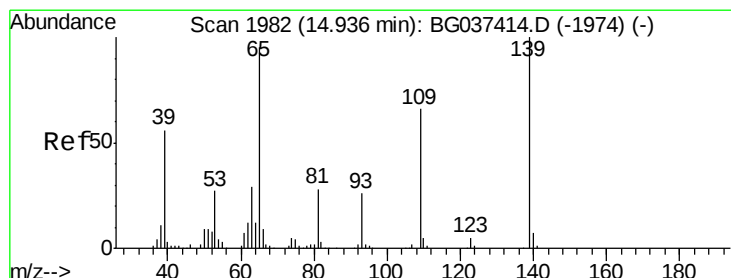
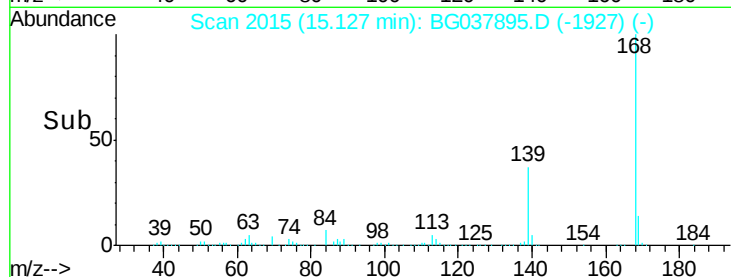
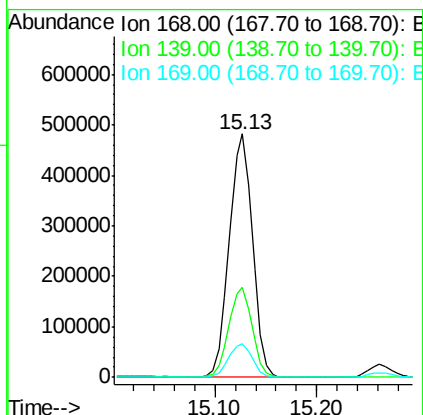
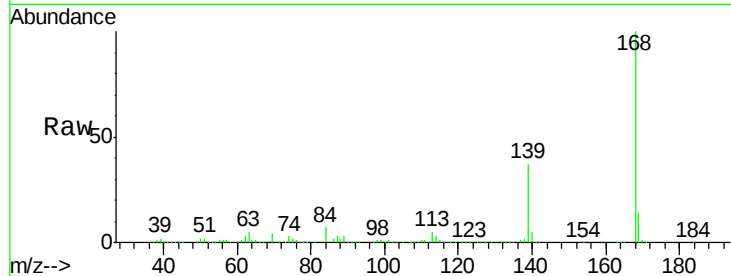
Tgt Ion:184 Resp: 99073  
 Ion Ratio Lower Upper  
 184 100  
 63 55.0 42.6 63.8  
 154 55.8 41.8 62.6





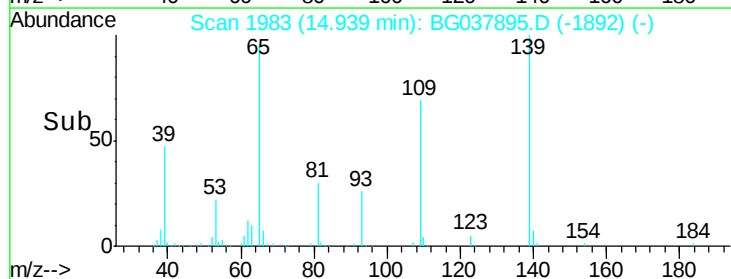
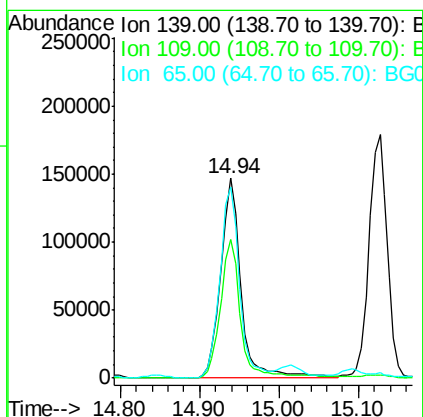
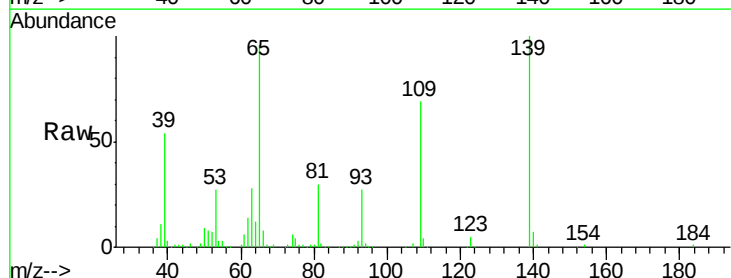
#55  
Dibenzofuran  
Concen: 45.624 ng  
RT: 15.13 min Scan# 2015  
Delta R.T. -0.01 min  
Lab File: BG037895.D  
Acq: 8 Nov 2018 21:12

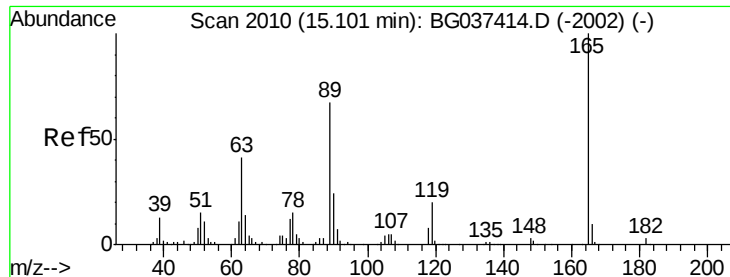
Tgt Ion:168 Resp: 767373  
Ion Ratio Lower Upper  
168 100  
139 37.1 29.4 44.0  
169 13.6 11.0 16.6



#56  
4-Nitrophenol  
Concen: 106.821 ng  
RT: 14.94 min Scan# 1983  
Delta R.T. 0.00 min  
Lab File: BG037895.D  
Acq: 8 Nov 2018 21:12

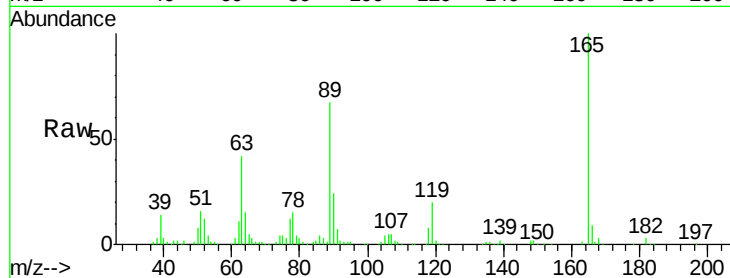
Tgt Ion:139 Resp: 262727  
Ion Ratio Lower Upper  
139 100  
109 69.3 49.5 89.5  
65 95.6 76.8 116.8





#57  
2,4-Dinitrotoluene  
Concen: 51.871 ng  
RT: 15.09 min Scan# 2009  
Delta R.T. -0.01 min  
Lab File: BG037895.D  
Acq: 8 Nov 2018 21:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 203798 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 41.7  | 33.4  | 50.0   |
| 89       | 67.4  | 57.2  | 85.8   |
| 182      | 3.3   | 2.6   | 4.0    |

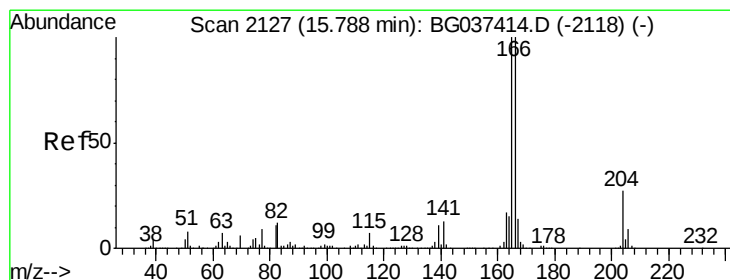
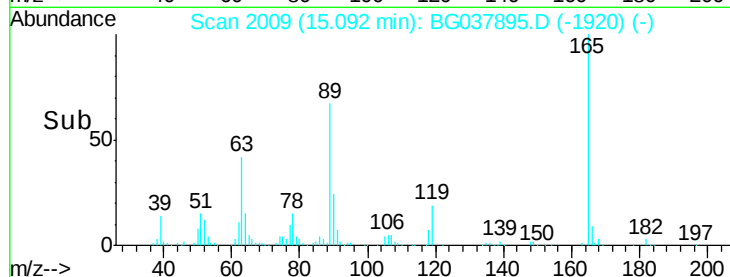
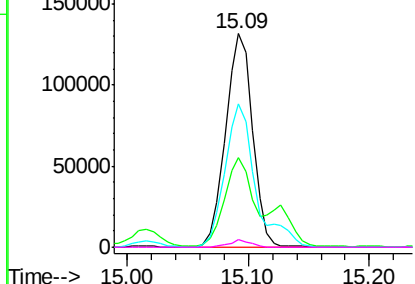


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

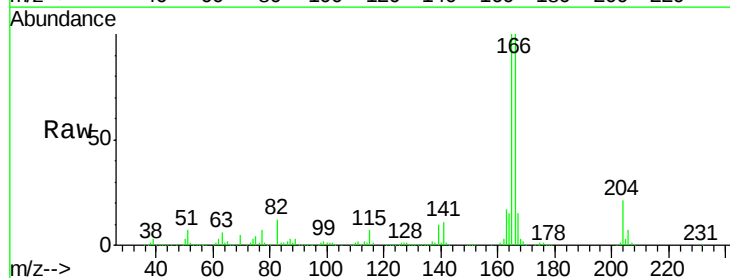
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 49.272 ng  
RT: 15.77 min Scan# 2125  
Delta R.T. -0.01 min  
Lab File: BG037895.D  
Acq: 8 Nov 2018 21:12

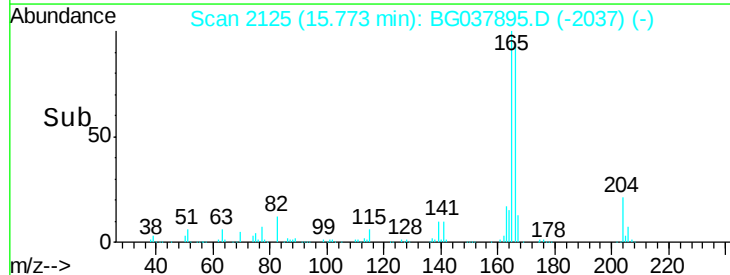
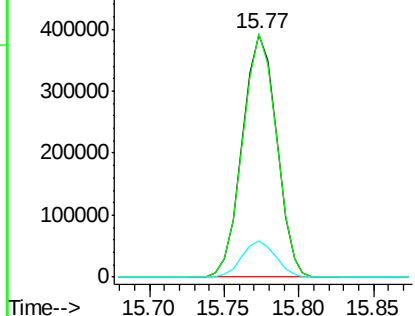
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 620603 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 100.4 | 79.0  | 118.6  |
| 167      | 15.0  | 11.3  | 16.9   |

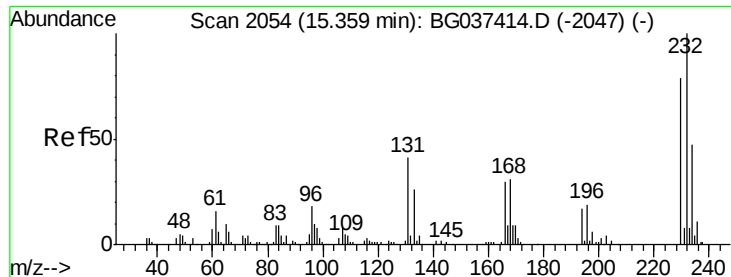


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

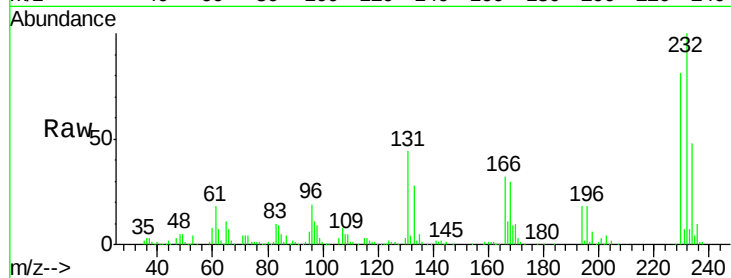
Ion 167.00 (166.70 to 167.70): E



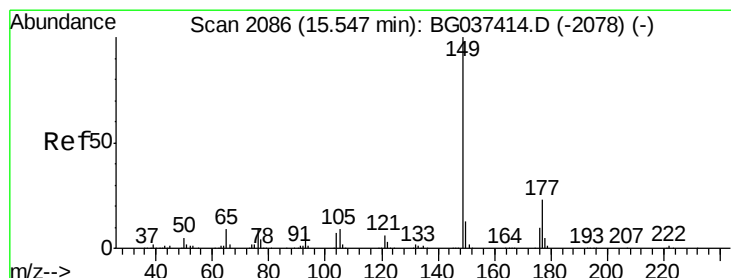
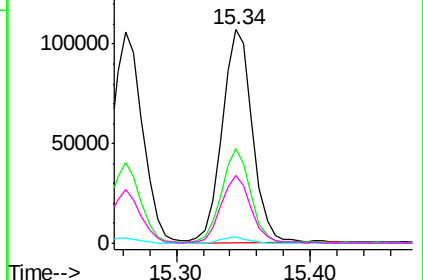
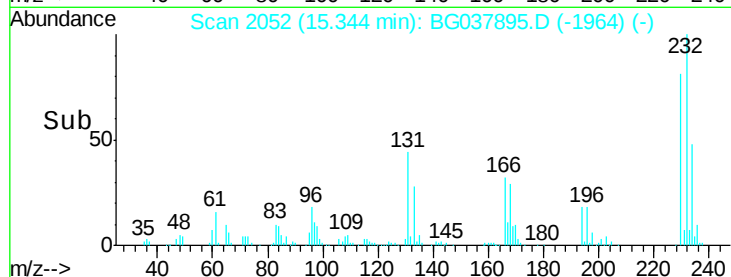


#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 48.208 ng  
 RT: 15.34 min Scan# 2052  
 Delta R.T. -0.01 min  
 Lab File: BG037895.D  
 Acq: 8 Nov 2018 21:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 232   | Resp: | 169372 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 42.2  | 33.7  | 50.5   |
| 130      | 2.5   | 2.1   | 3.1    |
| 166      | 31.0  | 24.6  | 36.8   |

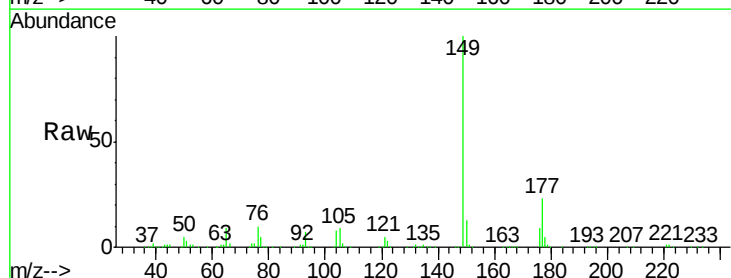


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

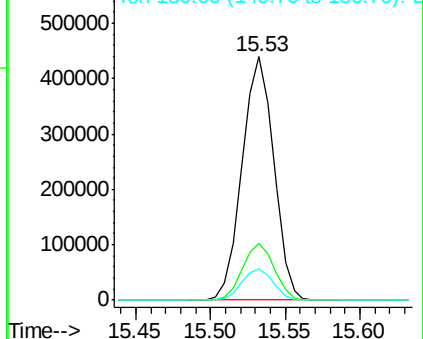
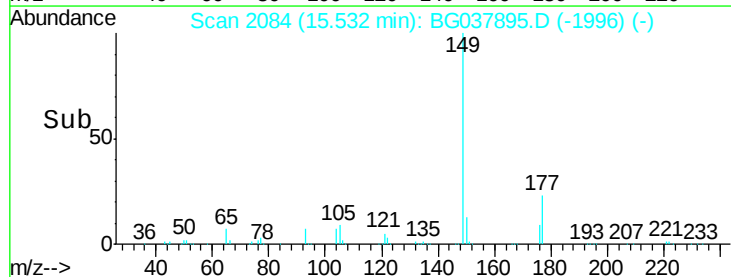


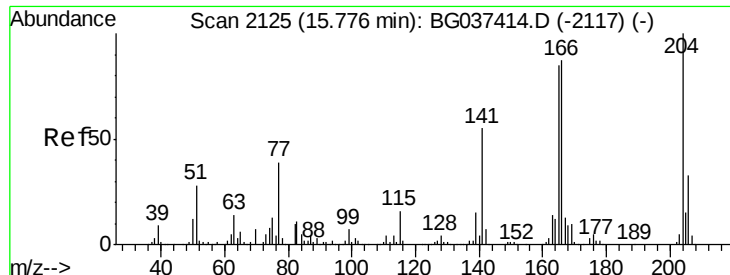
#60  
 Diethylphthalate  
 Concen: 46.403 ng  
 RT: 15.53 min Scan# 2084  
 Delta R.T. -0.01 min  
 Lab File: BG037895.D  
 Acq: 8 Nov 2018 21:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 644564 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 23.4  | 18.3  | 27.5   |
| 150      | 12.9  | 10.0  | 15.0   |



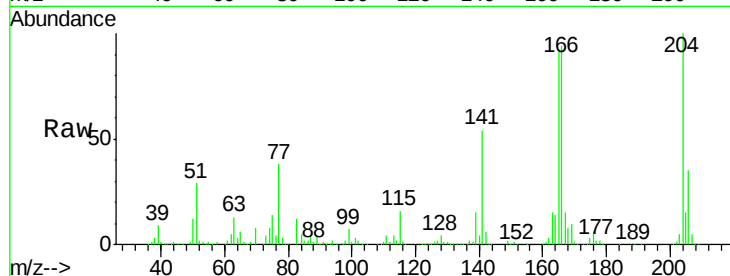
Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 177.00 (176.70 to 177.70): E  
 Ion 150.00 (149.70 to 150.70): E



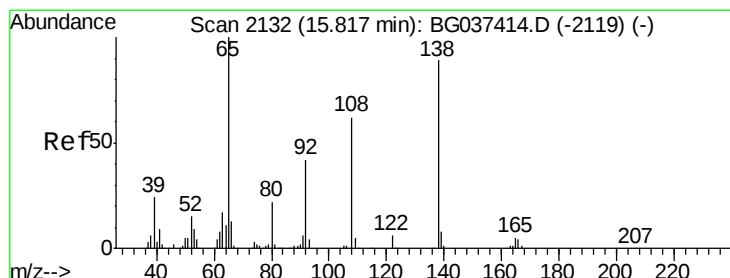
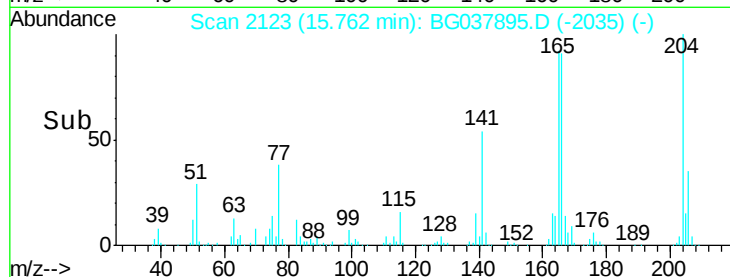
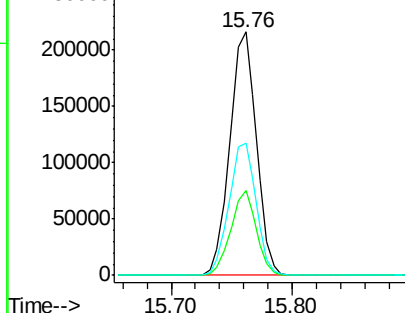


#61  
 4-Chlorophenyl-phenylether  
 Concen: 44.975 ng  
 RT: 15.76 min Scan# 2123  
 Delta R.T. -0.01 min  
 Lab File: BG037895.D  
 Acq: 8 Nov 2018 21:12

Tgt Ion: 204 Resp: 330185  
 Ion Ratio Lower Upper  
 204 100  
 206 34.7 26.6 39.8  
 141 54.3 45.4 68.2

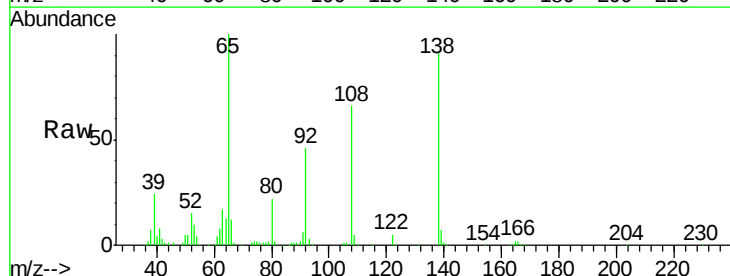


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

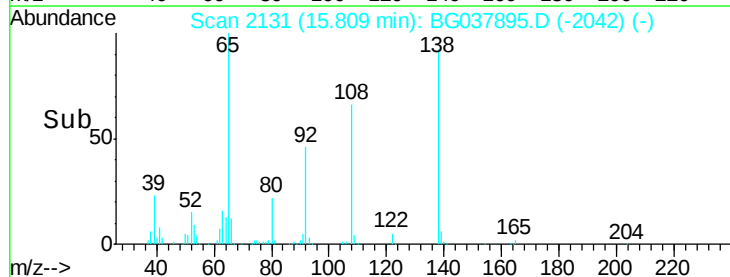
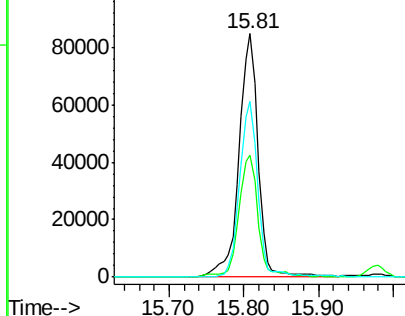


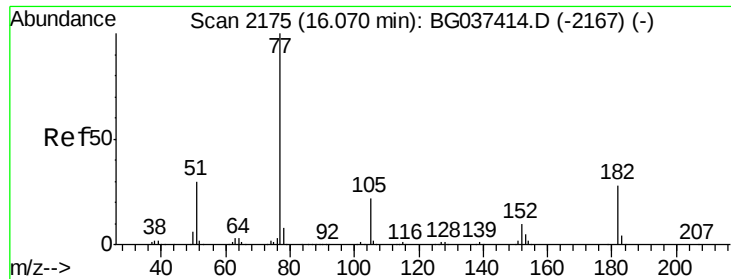
#62  
 4-Nitroaniline  
 Concen: 45.842 ng  
 RT: 15.81 min Scan# 2131  
 Delta R.T. -0.01 min  
 Lab File: BG037895.D  
 Acq: 8 Nov 2018 21:12

Tgt Ion: 138 Resp: 151359  
 Ion Ratio Lower Upper  
 138 100  
 92 50.3 36.4 76.4  
 108 72.3 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: 46.058 ng

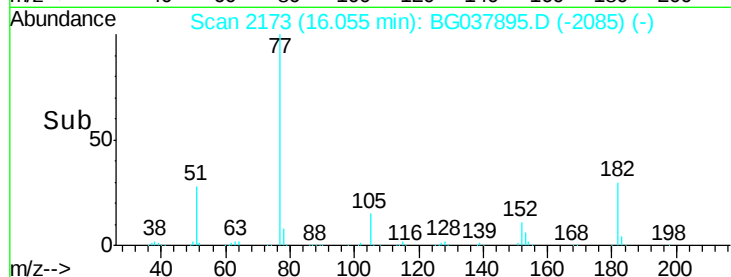
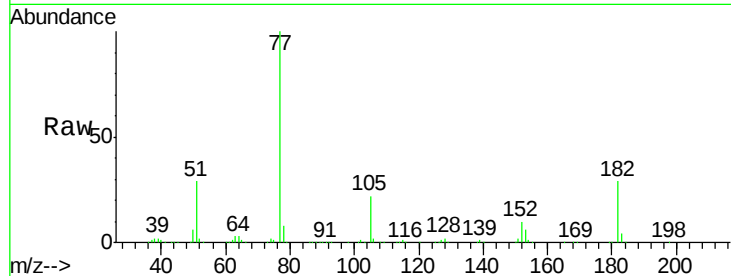
RT: 16.06 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BG037895.D

Acq: 8 Nov 2018 21:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 610416 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 28.8  | 8.0   | 48.0   |
| 105      | 22.1  | 1.3   | 41.3   |
| 51       | 29.3  | 10.7  | 50.7   |

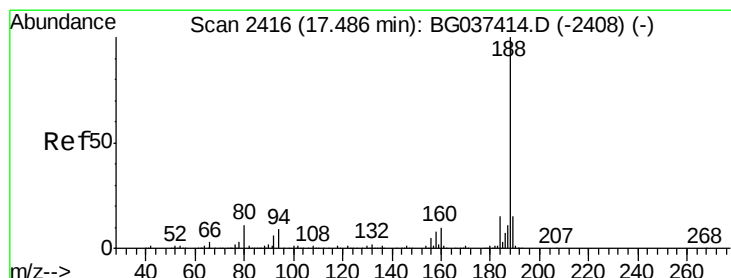
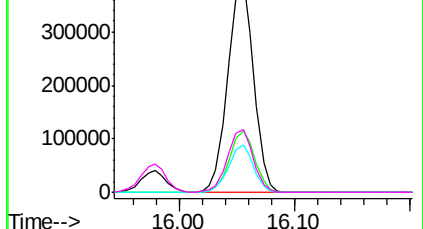


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

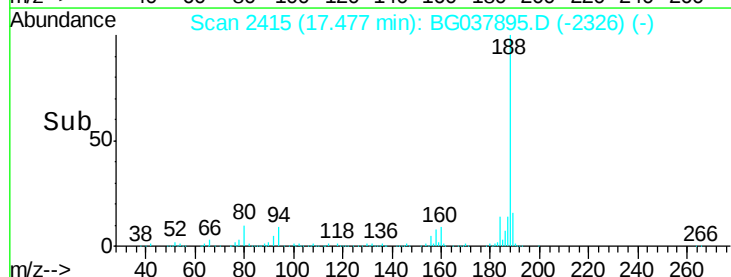
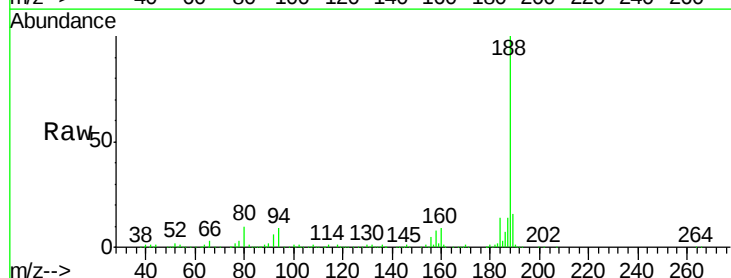
RT: 17.48 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG037895.D

Acq: 8 Nov 2018 21:12

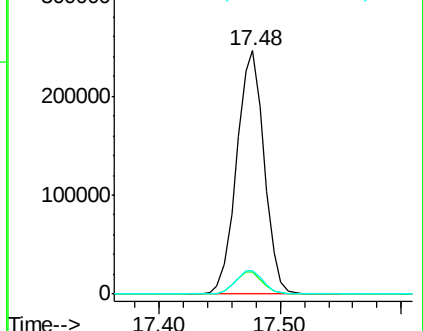
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 389821 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 9.1   | 7.2   | 10.8   |
| 80       | 9.6   | 7.7   | 11.5   |

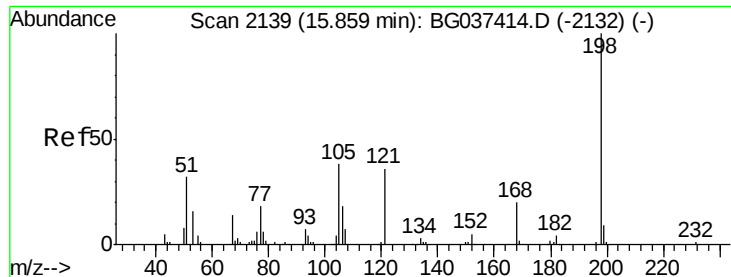


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 46.777 ng

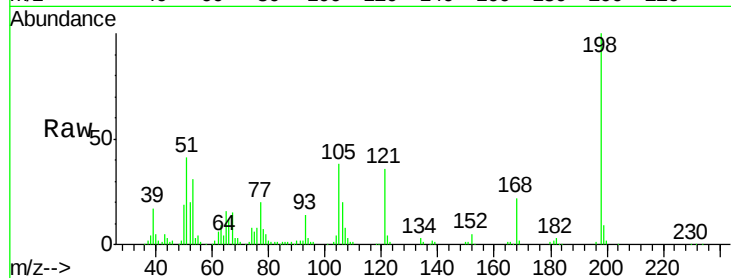
RT: 15.85 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BG037895.D

Acq: 8 Nov 2018 21:12

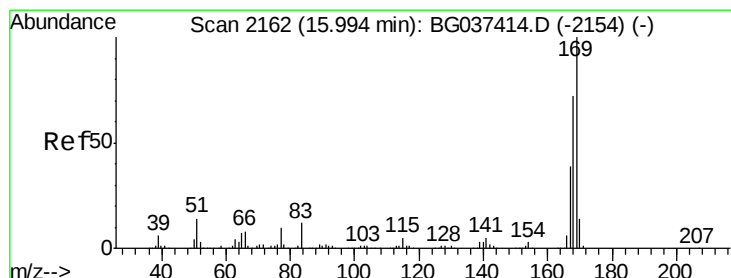
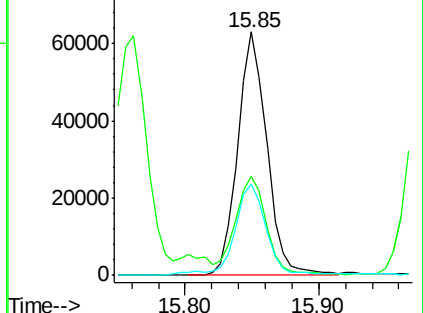
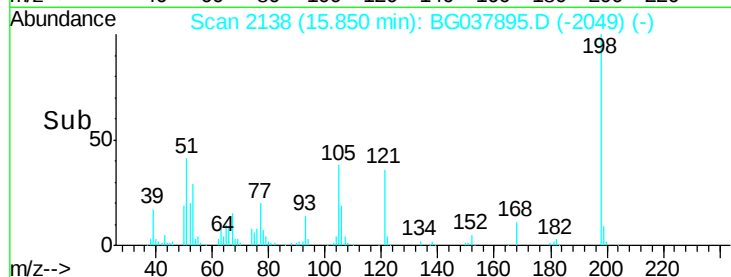
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 198   | Resp: | 95149 |
| Ion      | Ratio | Lower | Upper |
| 198      | 100   |       |       |
| 51       | 40.5  | 22.7  | 62.7  |
| 105      | 37.6  | 19.7  | 59.7  |



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.870 ng

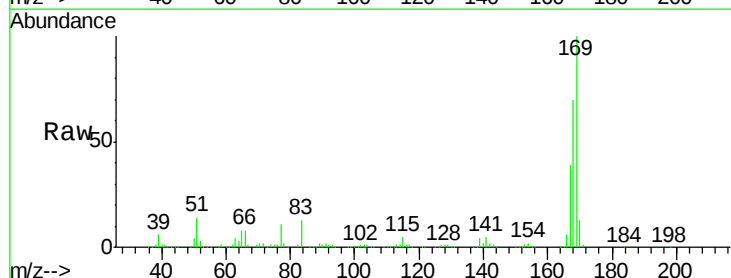
RT: 15.98 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BG037895.D

Acq: 8 Nov 2018 21:12

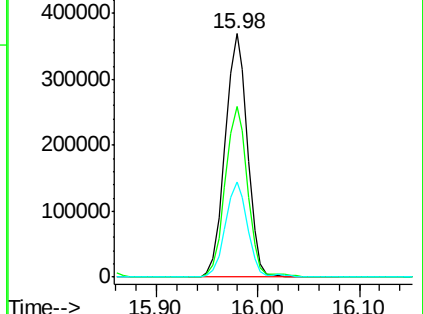
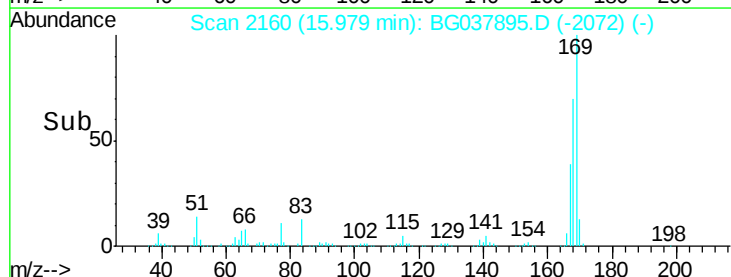
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 169   | Resp: | 561324 |
| Ion      | Ratio | Lower | Upper  |
| 169      | 100   |       |        |
| 168      | 70.2  | 55.7  | 83.5   |
| 167      | 38.8  | 31.3  | 46.9   |

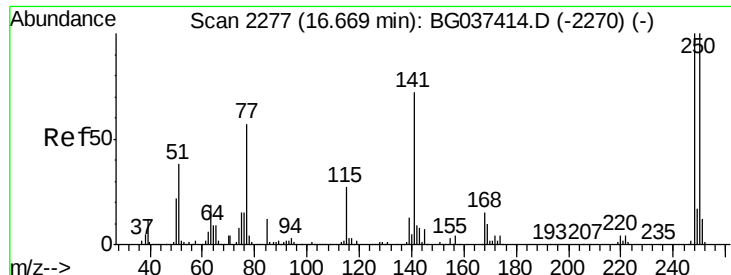


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

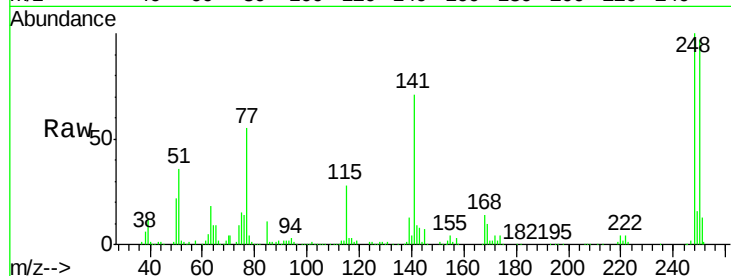
Ion 167.00 (166.70 to 167.70): E



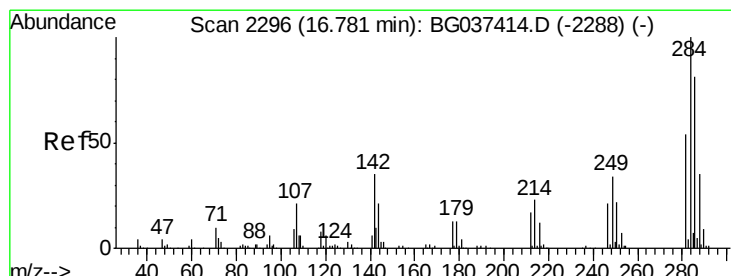
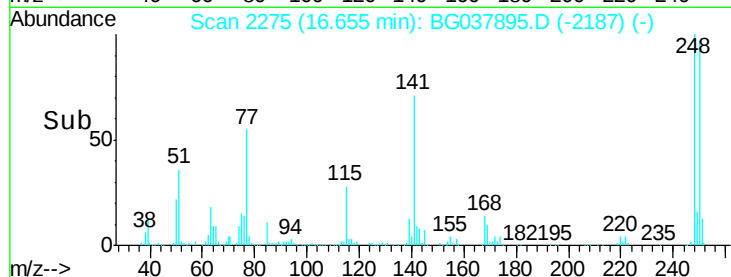
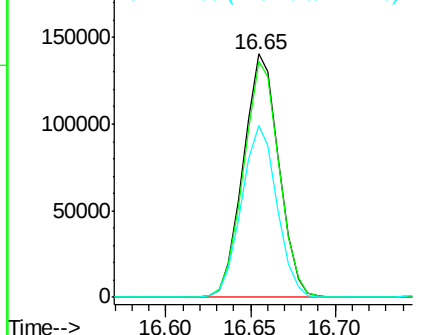


#67  
 4-Bromophenyl-phenylether  
 Concen: 48.200 ng  
 RT: 16.65 min Scan# 2275  
 Delta R.T. -0.01 min  
 Lab File: BG037895.D  
 Acq: 8 Nov 2018 21:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.9  | 77.0  | 115.6 |
| 141     | 70.6  | 55.5  | 83.3  |

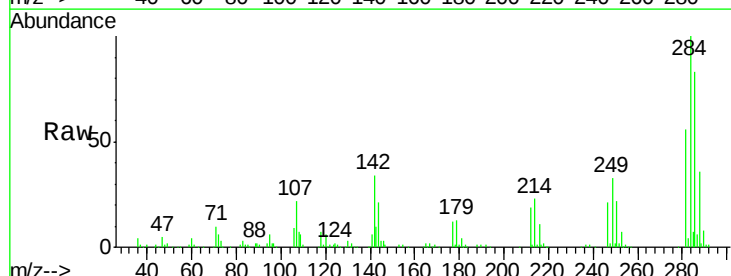


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

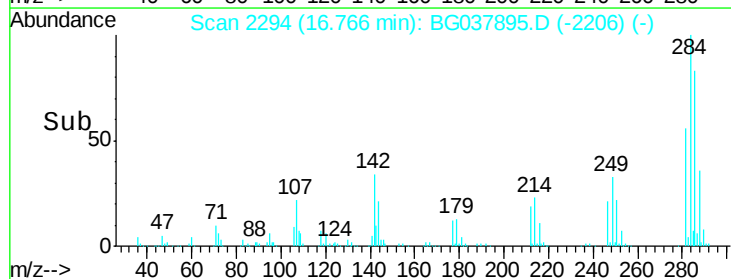
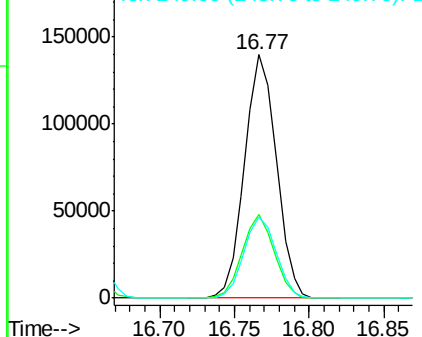


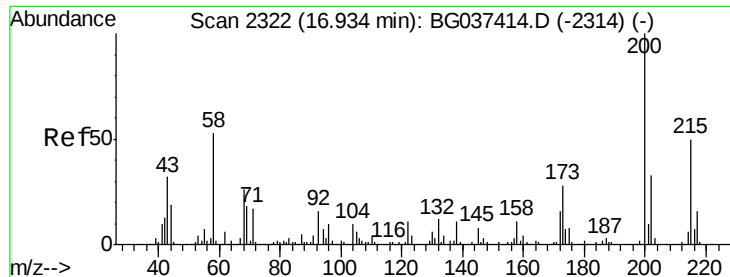
#68  
 Hexachlorobenzene  
 Concen: 46.512 ng  
 RT: 16.77 min Scan# 2294  
 Delta R.T. -0.01 min  
 Lab File: BG037895.D  
 Acq: 8 Nov 2018 21:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 34.4  | 28.1  | 42.1  |
| 249     | 35.3  | 29.8  | 44.8  |



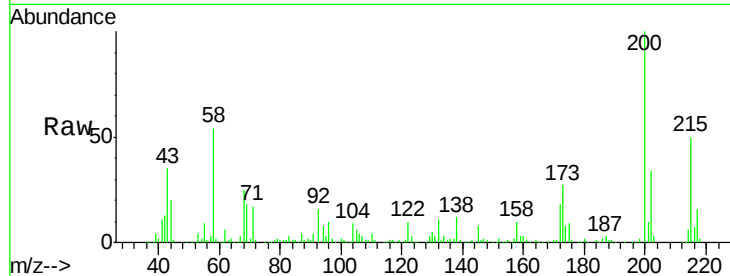
Abundance Ion 283.80 (283.50 to 284.50): E  
 Ion 142.00 (141.70 to 142.70): E  
 Ion 249.00 (248.70 to 249.70): E



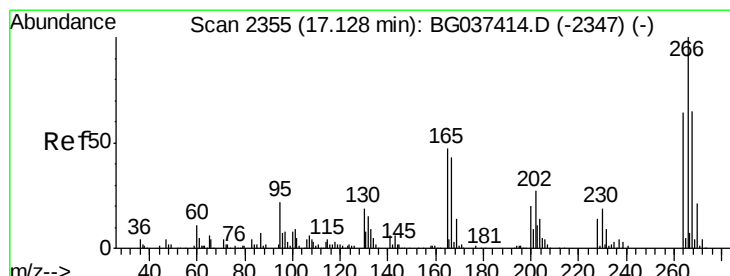
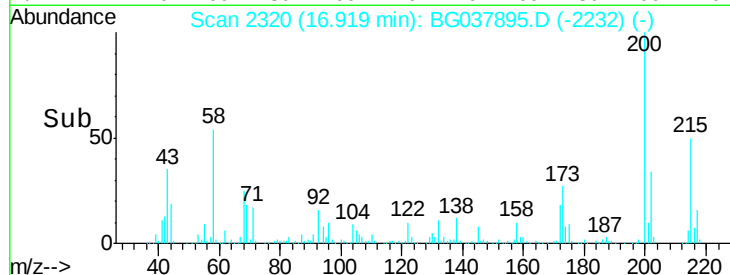
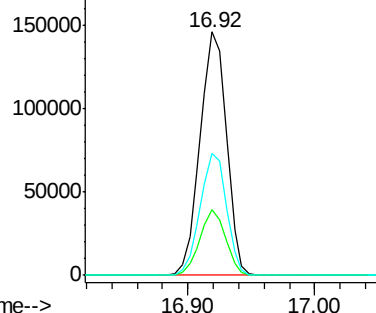


#69  
 Atrazine  
 Concen: 49.661 ng  
 RT: 16.92 min Scan# 2320  
 Delta R.T. -0.01 min  
 Lab File: BG037895.D  
 Acq: 8 Nov 2018 21:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.8  | 6.1   | 46.1  |
| 215     | 50.3  | 30.8  | 70.8  |

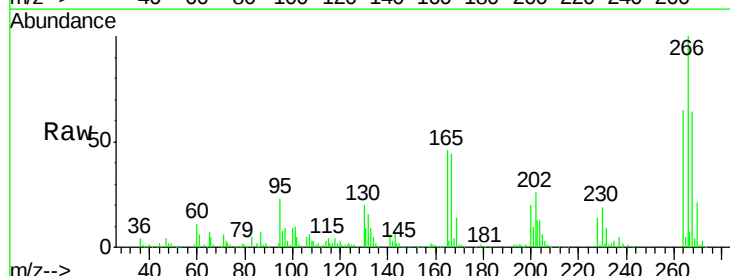


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

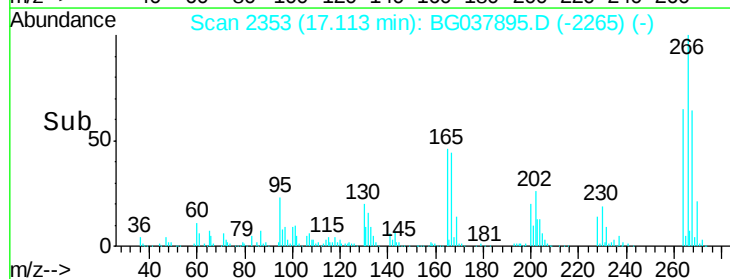
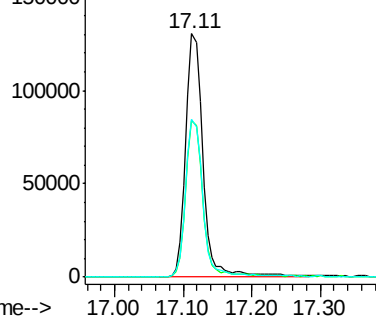


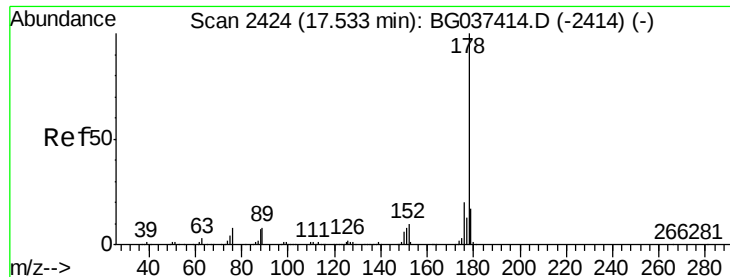
#70  
 Pentachlorophenol  
 Concen: 77.223 ng  
 RT: 17.11 min Scan# 2353  
 Delta R.T. -0.01 min  
 Lab File: BG037895.D  
 Acq: 8 Nov 2018 21:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 68.4  | 55.0  | 82.6  |
| 264     | 69.7  | 58.9  | 88.3  |



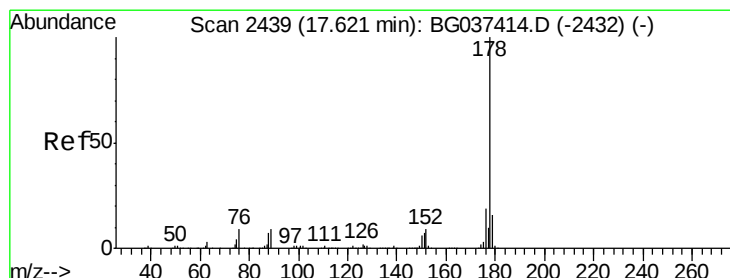
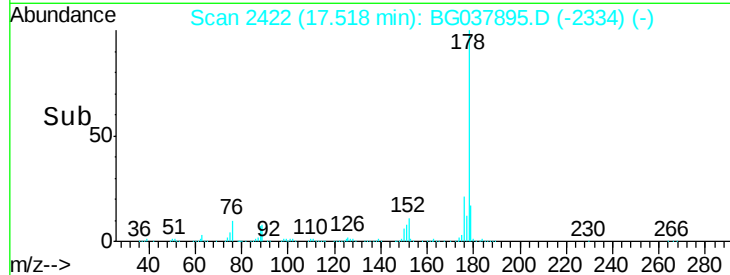
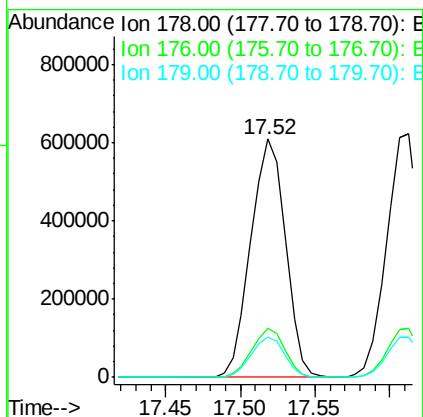
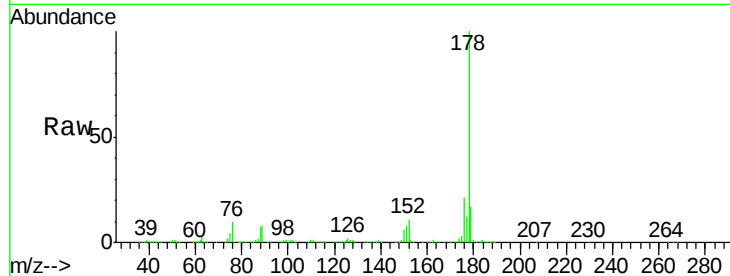
Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E





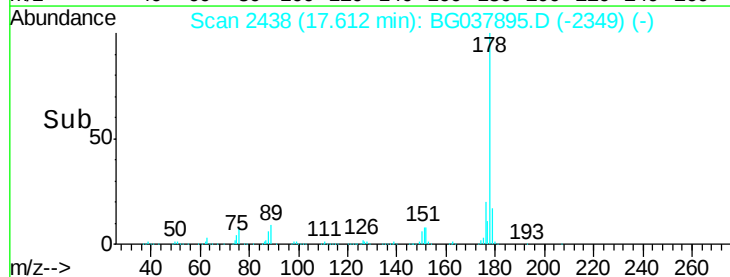
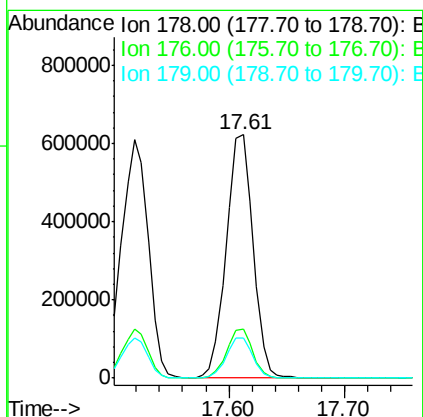
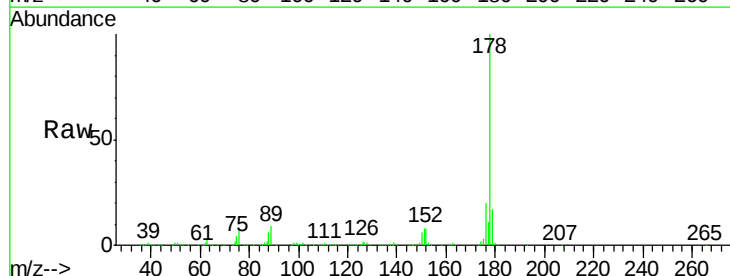
#71  
Phenanthrene  
Concen: 49.470 ng  
RT: 17.52 min Scan# 2422  
Delta R.T. -0.01 min  
Lab File: BG037895.D  
Acq: 8 Nov 2018 21:12

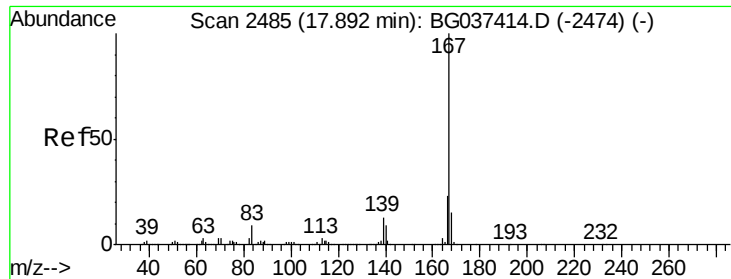
Tgt Ion:178 Resp: 980095  
Ion Ratio Lower Upper  
178 100  
176 20.6 16.1 24.1  
179 16.7 13.0 19.4



#72  
Anthracene  
Concen: 51.408 ng  
RT: 17.61 min Scan# 2438  
Delta R.T. -0.01 min  
Lab File: BG037895.D  
Acq: 8 Nov 2018 21:12

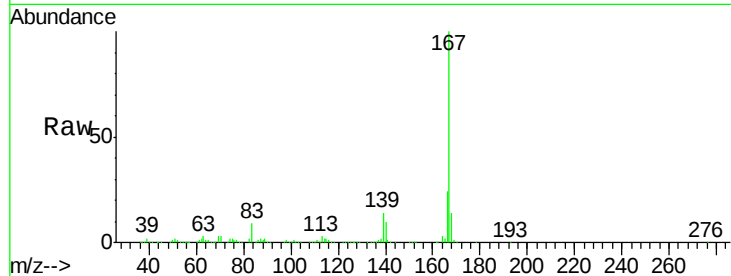
Tgt Ion:178 Resp: 999510  
Ion Ratio Lower Upper  
178 100  
176 20.0 15.0 22.4  
179 16.6 12.8 19.2



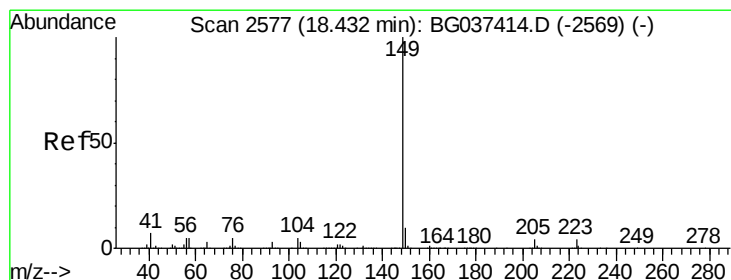
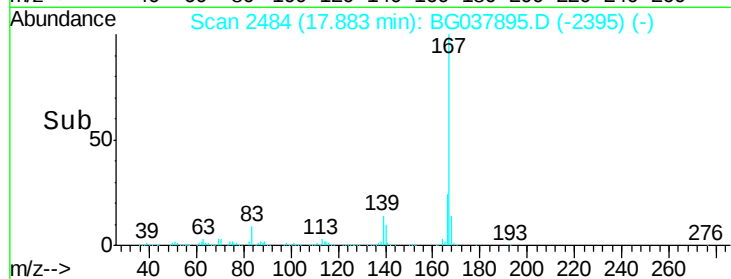
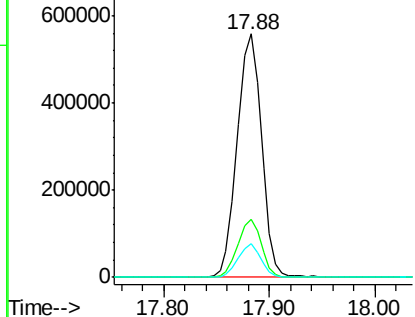


#73  
 Carbazole  
 Concen: 45.968 ng  
 RT: 17.88 min Scan# 2484  
 Delta R.T. -0.01 min  
 Lab File: BG037895.D  
 Acq: 8 Nov 2018 21:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.8  | 18.3  | 27.5  |
| 139     | 13.7  | 10.5  | 15.7  |

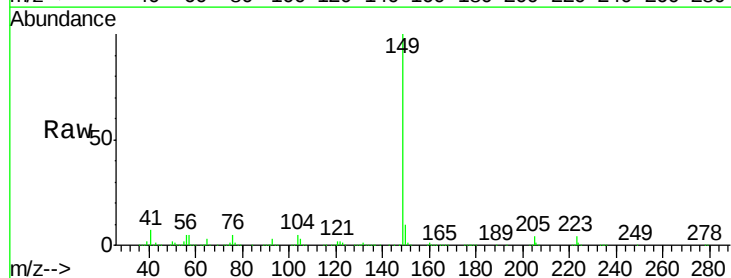


Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E

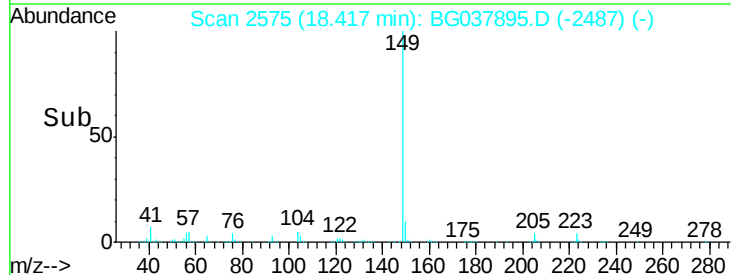
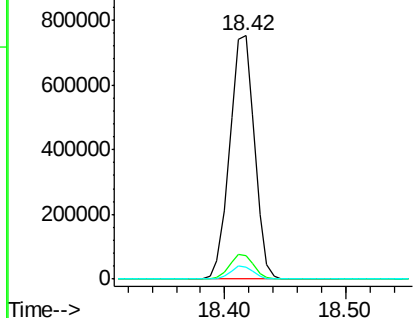


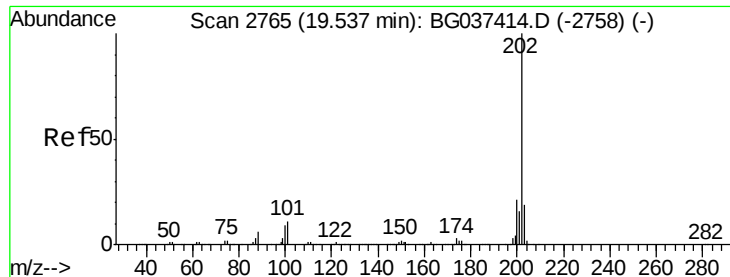
#74  
 Di-n-butylphthalate  
 Concen: 49.473 ng  
 RT: 18.42 min Scan# 2575  
 Delta R.T. -0.01 min  
 Lab File: BG037895.D  
 Acq: 8 Nov 2018 21:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.7   | 8.2   | 12.2  |
| 104     | 4.8   | 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: 49.973 ng

RT: 19.52 min Scan# 2763

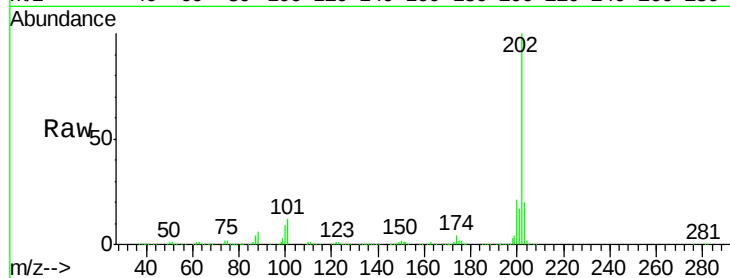
Delta R.T. -0.01 min

Lab File: BG037895.D

Acq: 8 Nov 2018 21:12

Tgt Ion:202 Resp: 1122907

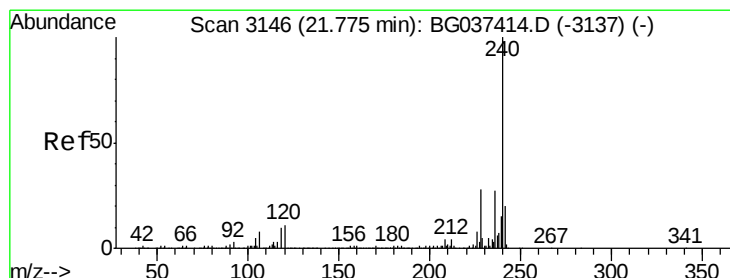
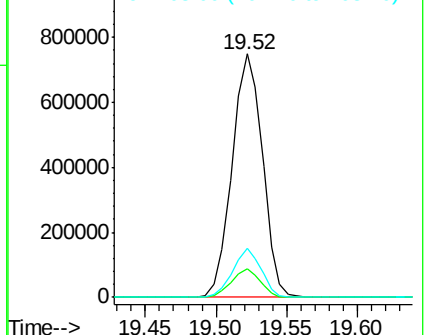
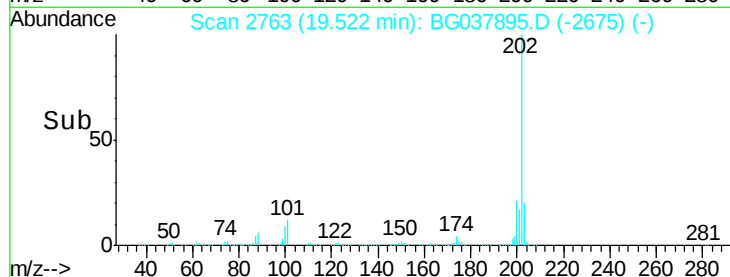
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 11.7  | 0.0   | 30.7  |
| 203 | 19.9  | 0.0   | 38.5  |



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

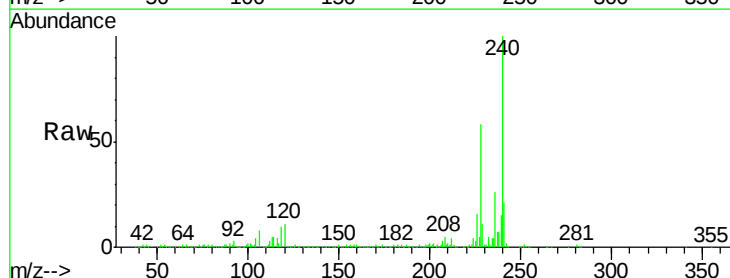
Delta R.T. -0.01 min

Lab File: BG037895.D

Acq: 8 Nov 2018 21:12

Tgt Ion:240 Resp: 341677

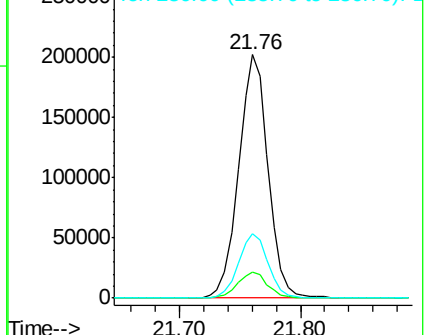
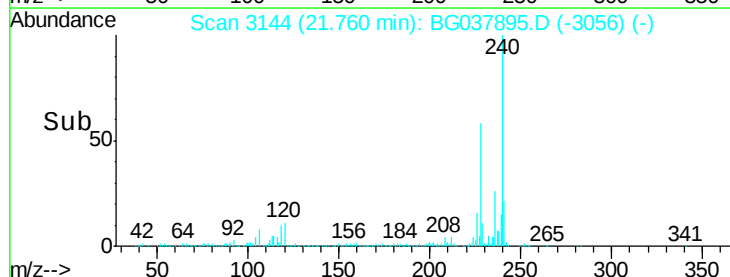
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 10.7  | 8.1   | 12.1  |
| 236 | 26.4  | 21.4  | 32.0  |

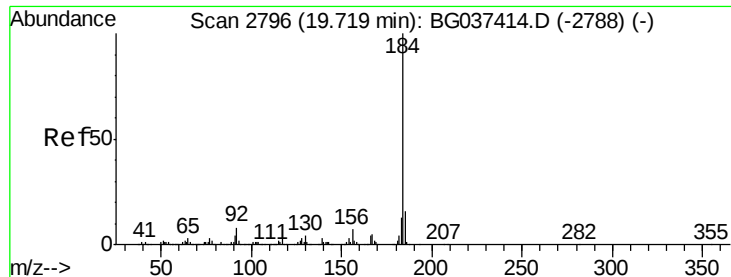


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 14.746 ng

RT: 19.70 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BG037895.D

Acq: 8 Nov 2018 21:12

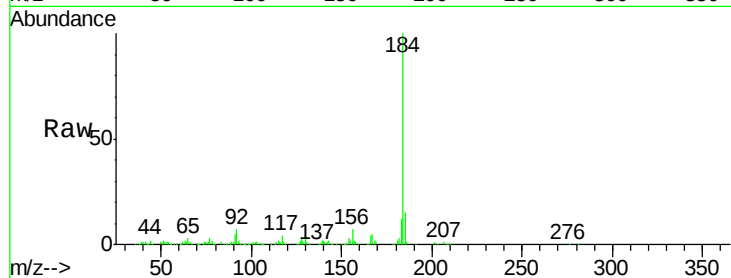
Tgt Ion:184 Resp: 171314

Ion Ratio Lower Upper

184 100

185 15.2 12.6 18.8

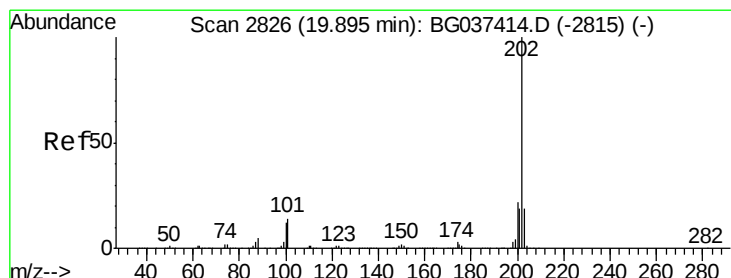
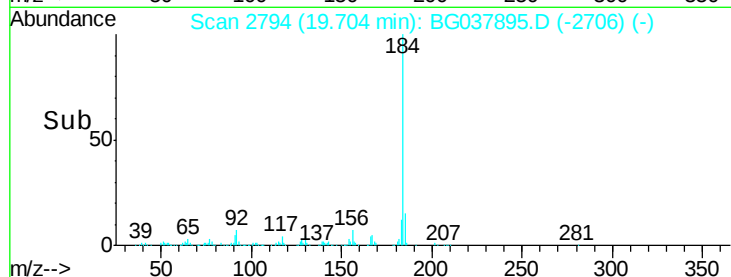
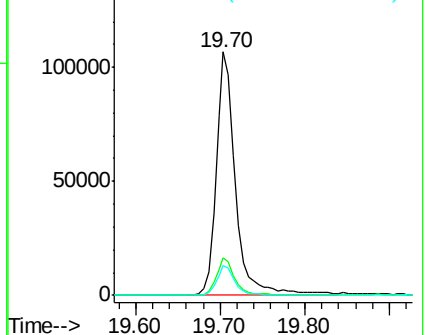
183 12.3 10.2 15.2



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: 50.296 ng

RT: 19.89 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BG037895.D

Acq: 8 Nov 2018 21:12

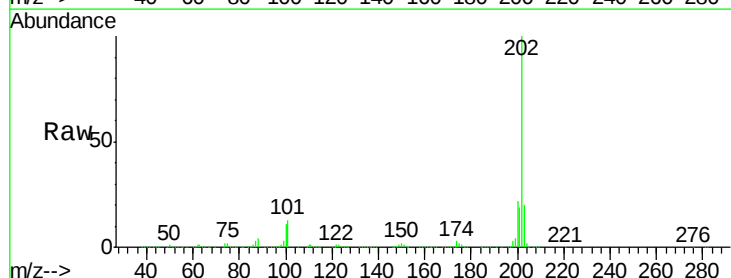
Tgt Ion:202 Resp: 1123406

Ion Ratio Lower Upper

202 100

200 22.5 17.8 26.6

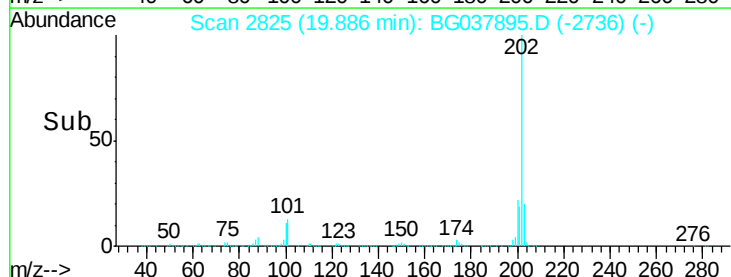
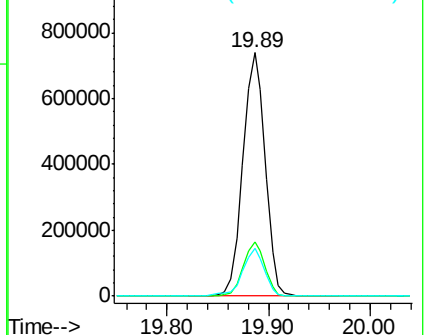
203 19.6 15.2 22.8

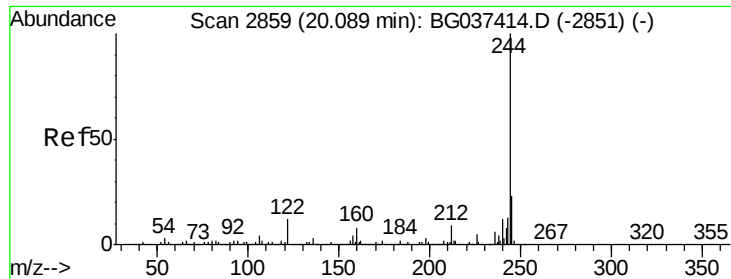


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

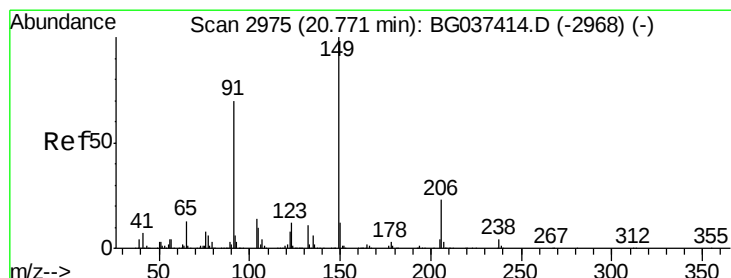
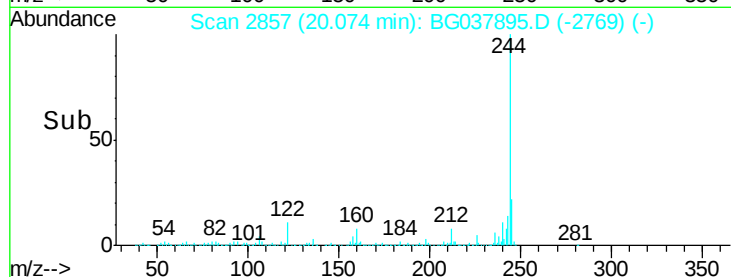
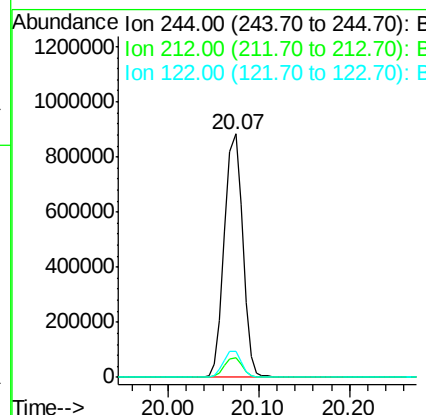
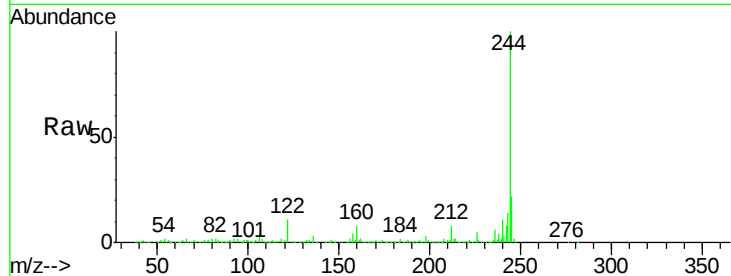
Ion 203.00 (202.70 to 203.70): E





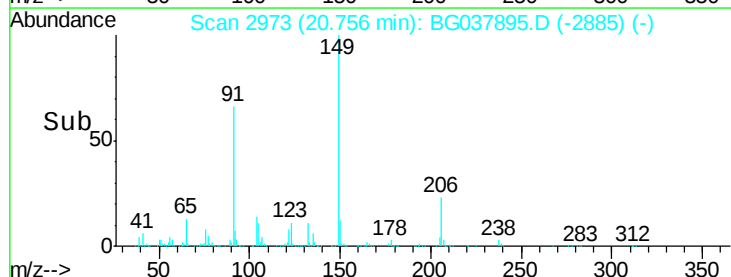
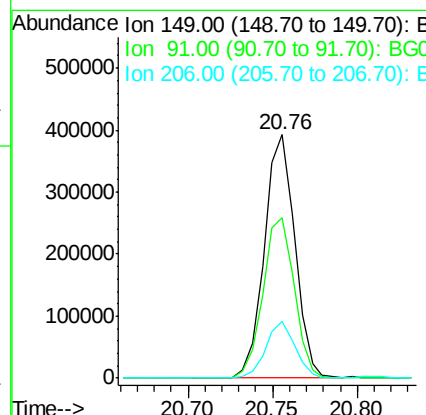
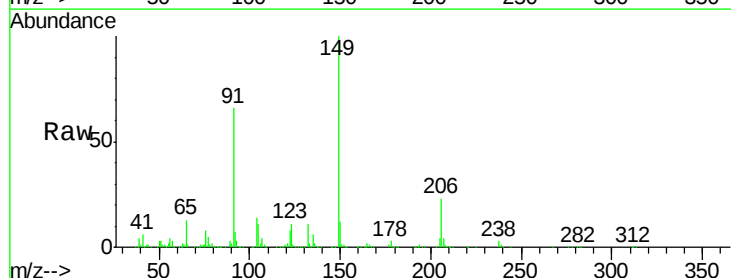
#79  
 Terphenyl-d14  
 Concen: 77.731 ng  
 RT: 20.07 min Scan# 2857  
 Delta R.T. -0.01 min  
 Lab File: BG037895.D  
 Acq: 8 Nov 2018 21:12

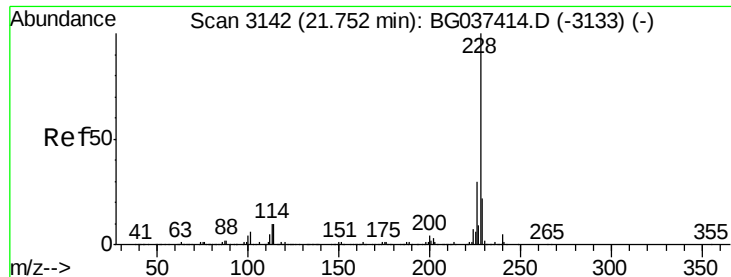
Tgt Ion: 244 Resp: 1242953  
 Ion Ratio Lower Upper  
 244 100  
 212 8.0 6.5 9.7  
 122 10.7 9.0 13.4



#80  
 Butylbenzylphthalate  
 Concen: 53.572 ng  
 RT: 20.76 min Scan# 2973  
 Delta R.T. -0.01 min  
 Lab File: BG037895.D  
 Acq: 8 Nov 2018 21:12

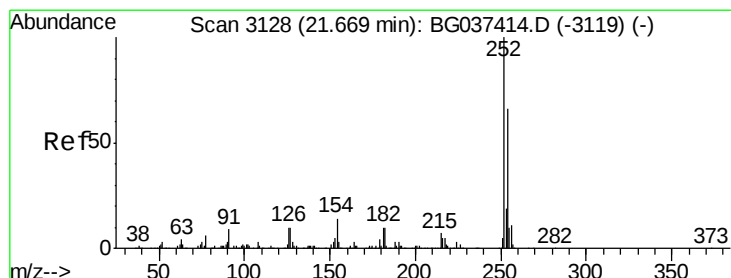
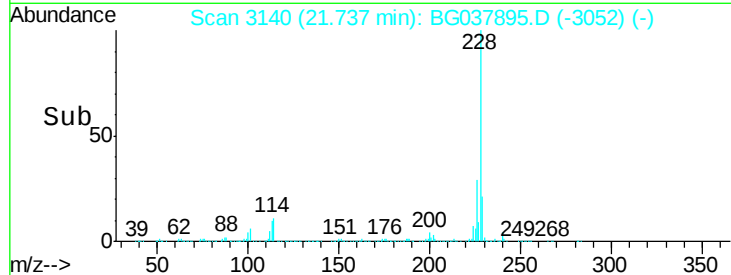
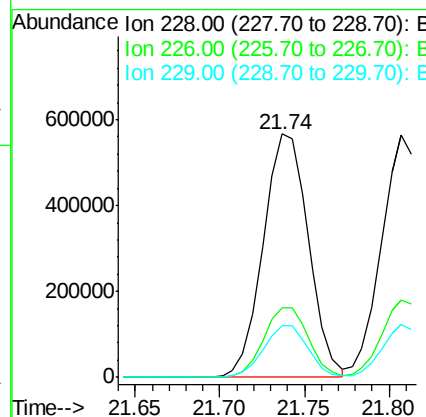
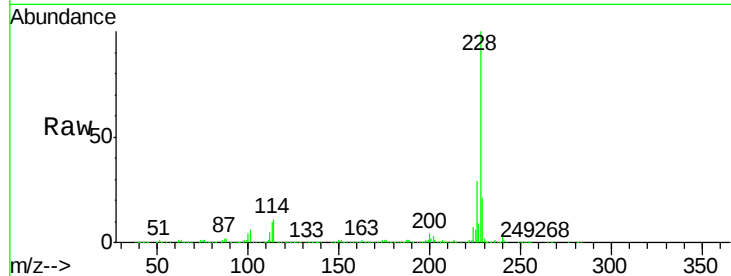
Tgt Ion: 149 Resp: 489714  
 Ion Ratio Lower Upper  
 149 100  
 91 65.8 57.0 85.4  
 206 23.1 17.8 26.6





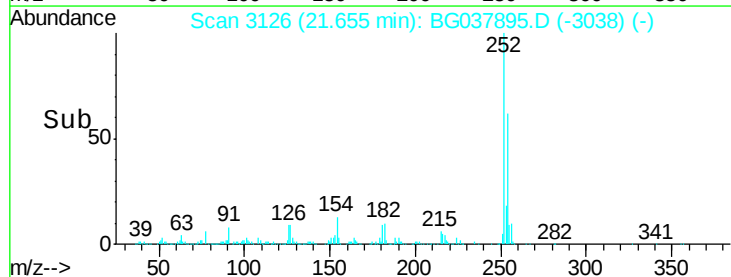
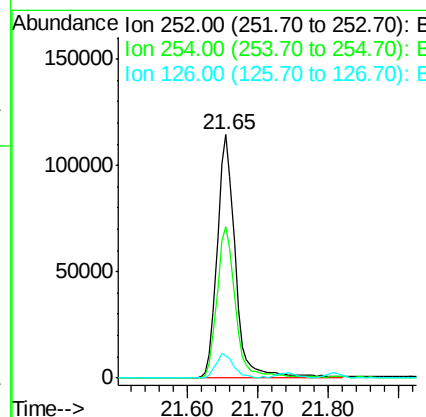
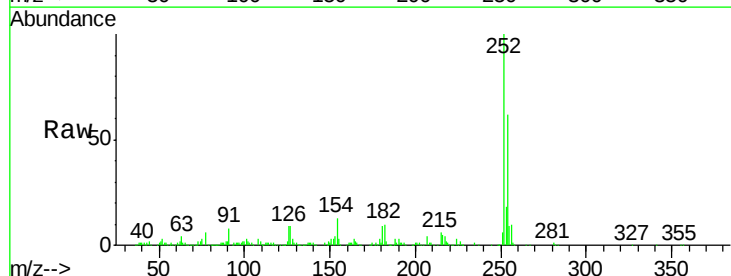
#81  
Benzo(a)anthracene  
Concen: 51.849 ng  
RT: 21.74 min Scan# 3140  
Delta R.T. -0.01 min  
Lab File: BG037895.D  
Acq: 8 Nov 2018 21:12

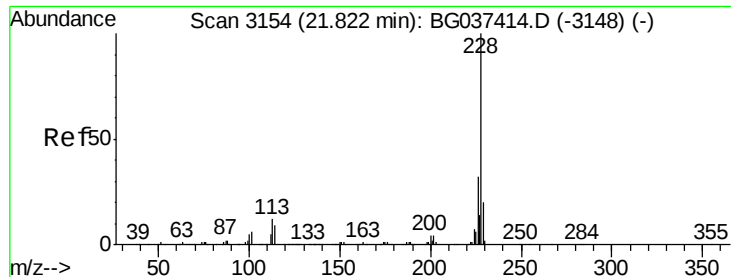
Tgt Ion: 228 Resp: 1047866  
Ion Ratio Lower Upper  
228 100  
226 28.7 22.6 33.8  
229 21.2 16.3 24.5



#82  
3,3'-Dichlorobenzidine  
Concen: 26.294 ng  
RT: 21.65 min Scan# 3126  
Delta R.T. -0.01 min  
Lab File: BG037895.D  
Acq: 8 Nov 2018 21:12

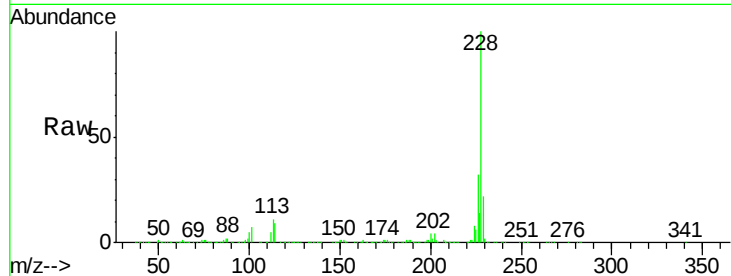
Tgt Ion: 252 Resp: 205972  
Ion Ratio Lower Upper  
252 100  
254 62.2 52.0 78.0  
126 9.4 8.2 12.4



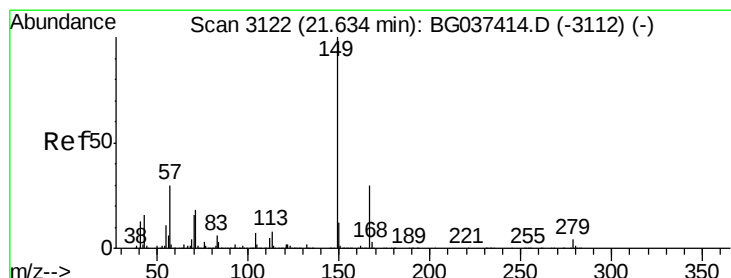
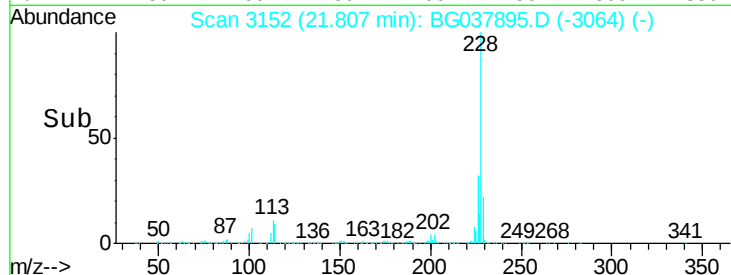
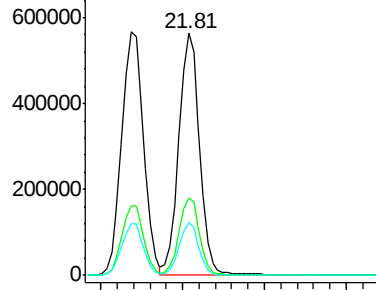


#83  
Chrysene  
Concen: 51.171 ng  
RT: 21.81 min Scan# 3152  
Delta R.T. -0.01 min  
Lab File: BG037895.D  
Acq: 8 Nov 2018 21:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 228   | Resp: | 994411 |
| Ion      | Ratio | Lower | Upper  |
| 228      | 100   |       |        |
| 226      | 32.2  | 25.7  | 38.5   |
| 229      | 21.8  | 16.5  | 24.7   |

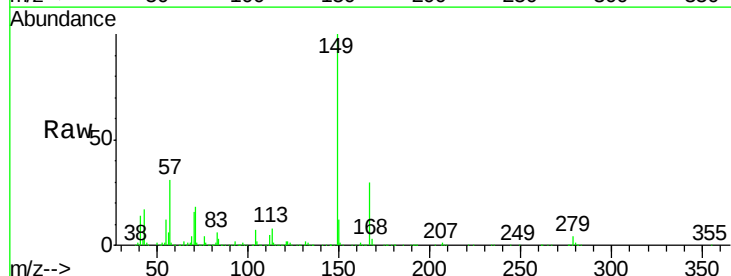


Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

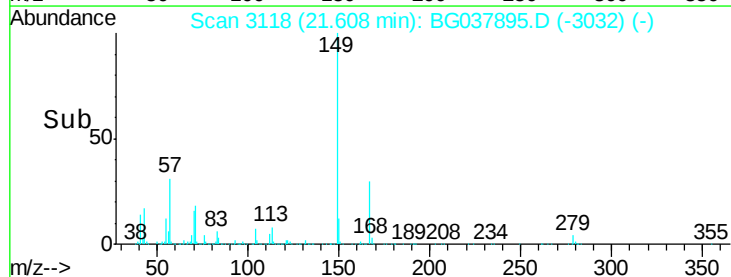
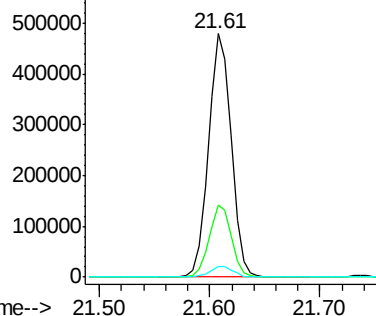


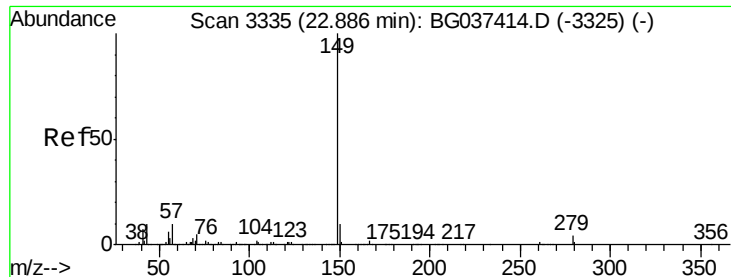
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 53.838 ng  
RT: 21.61 min Scan# 3118  
Delta R.T. -0.03 min  
Lab File: BG037895.D  
Acq: 8 Nov 2018 21:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 689850 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 167      | 29.6  | 23.0  | 34.4   |
| 279      | 4.4   | 3.6   | 5.4    |



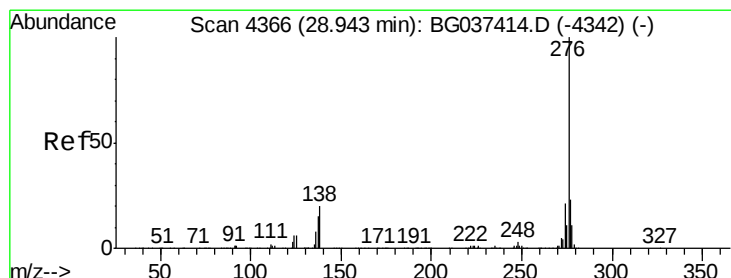
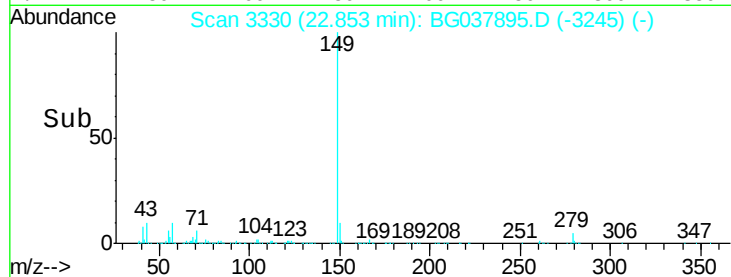
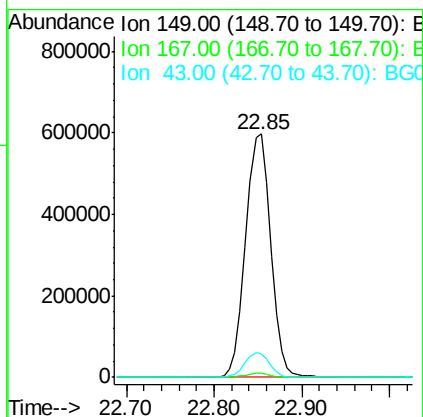
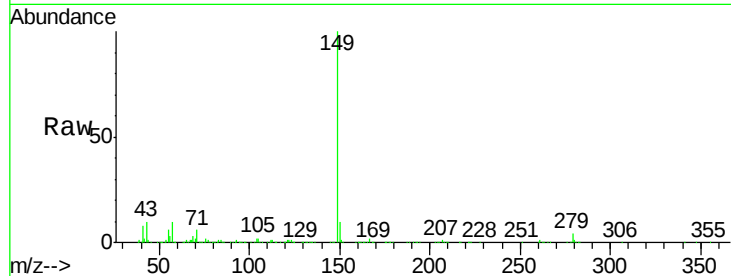
Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E





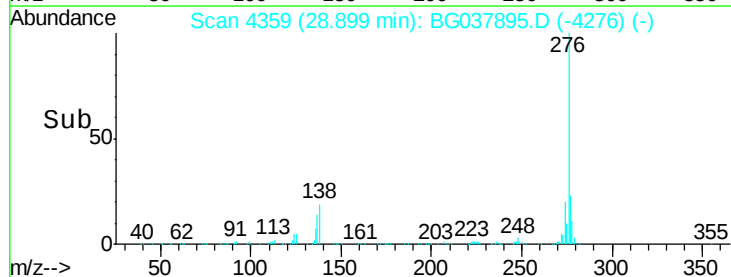
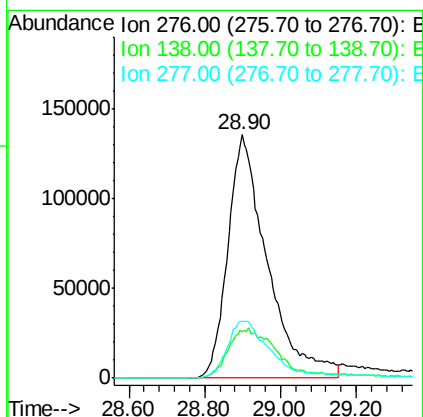
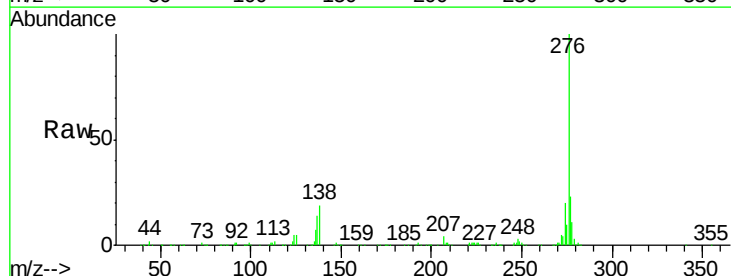
#85  
Di-n-octyl phthalate  
Concen: 55.478 ng  
RT: 22.85 min Scan# 3330  
Delta R.T. -0.03 min  
Lab File: BG037895.D  
Acq: 8 Nov 2018 21:12

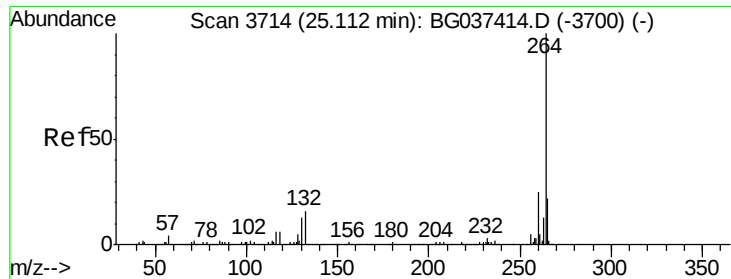
Tgt Ion:149 Resp: 1159178  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 9.8 8.7 13.1



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 47.283 ng  
RT: 28.90 min Scan# 4359  
Delta R.T. -0.04 min  
Lab File: BG037895.D  
Acq: 8 Nov 2018 21:12

Tgt Ion:276 Resp: 985543  
Ion Ratio Lower Upper  
276 100  
138 0.0 12.0 18.0#  
277 24.6 20.6 30.8

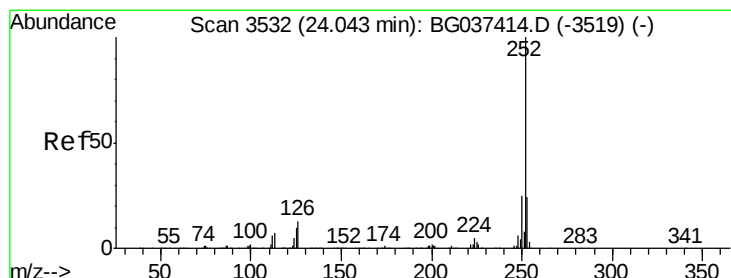
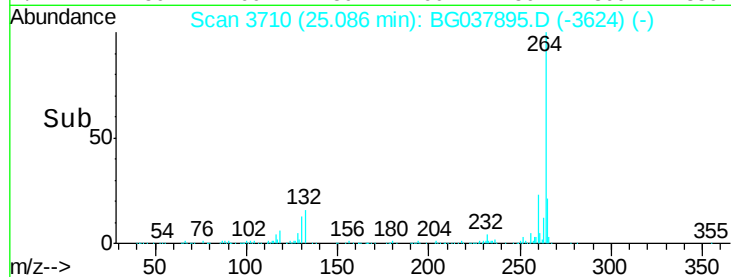
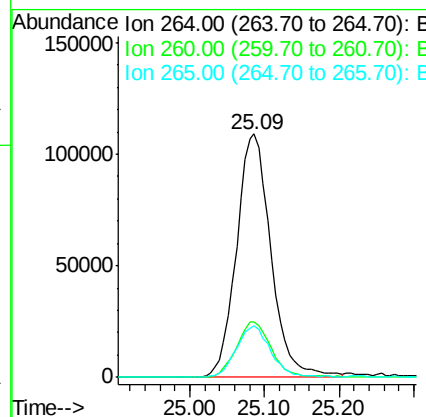
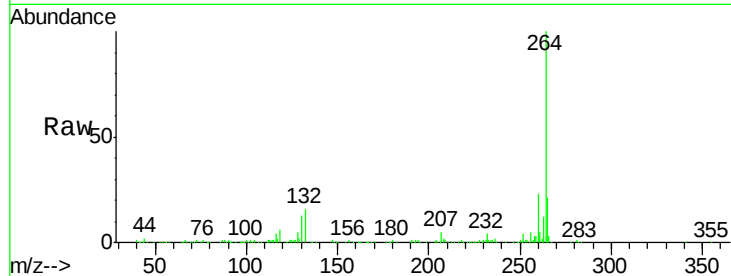




#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.09 min Scan# 3710  
Delta R.T. -0.03 min  
Lab File: BG037895.D  
Acq: 8 Nov 2018 21:12

Tgt Ion: 264 Resp: 350770  

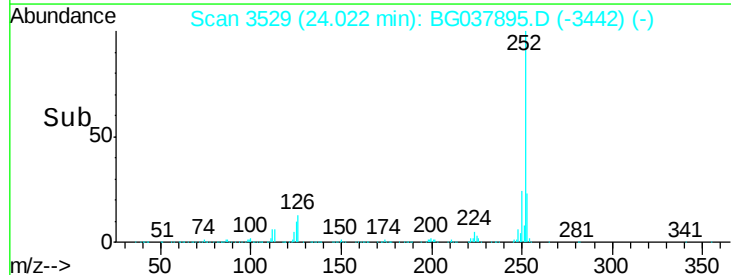
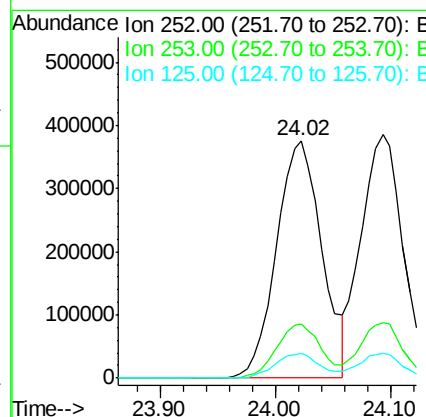
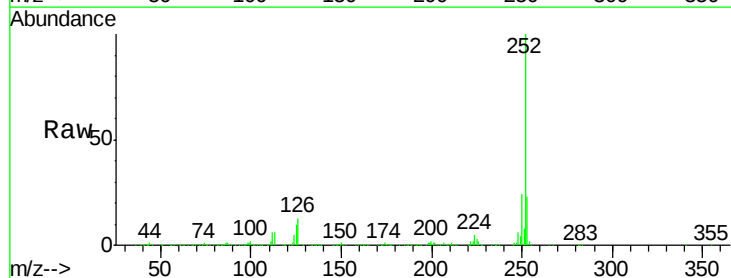
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.8  | 18.2  | 27.4  |
| 265 | 21.1  | 17.9  | 26.9  |

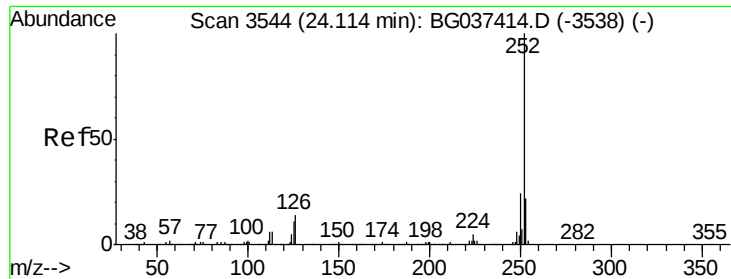


#88  
Benzo(b)fluoranthene  
Concen: 53.384 ng  
RT: 24.02 min Scan# 3529  
Delta R.T. -0.02 min  
Lab File: BG037895.D  
Acq: 8 Nov 2018 21:12

Tgt Ion: 252 Resp: 1026601  

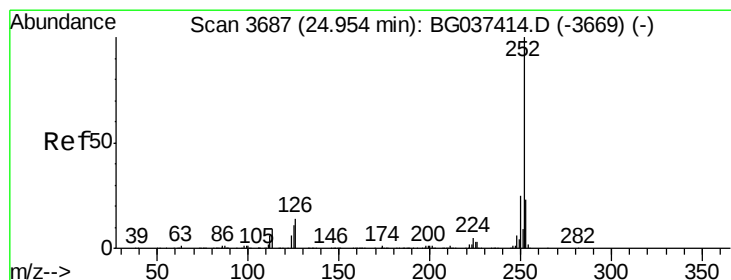
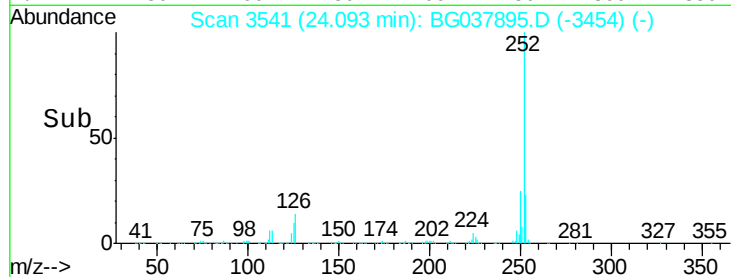
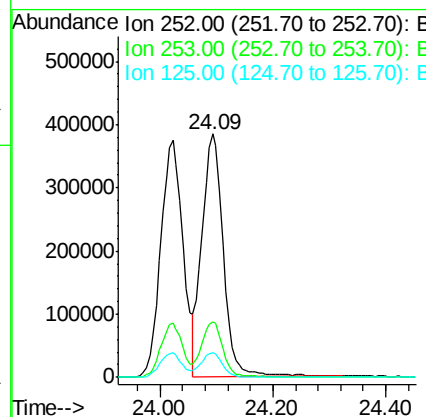
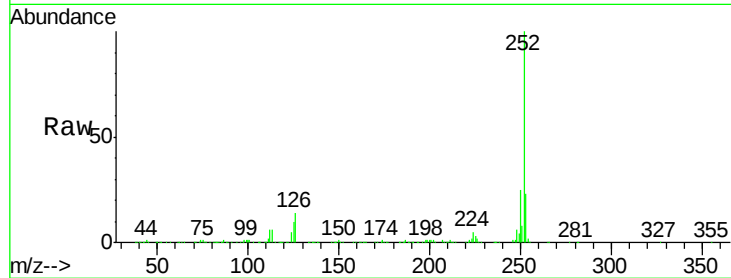
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.9  | 18.2  | 27.2  |
| 125 | 10.2  | 7.8   | 11.6  |





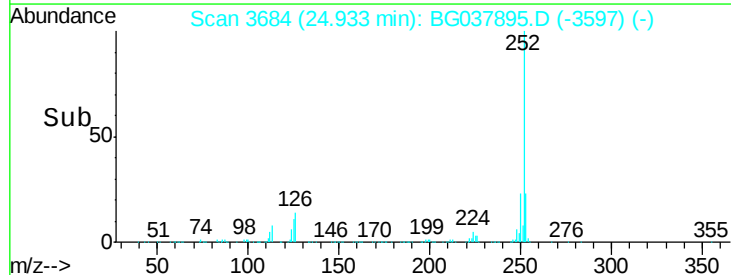
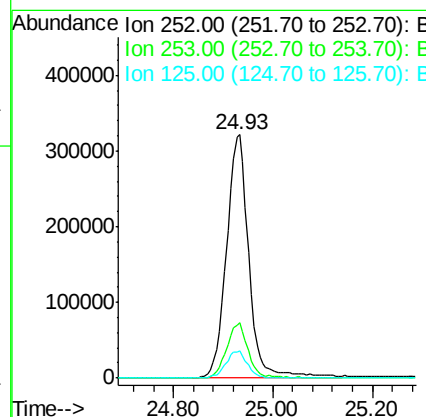
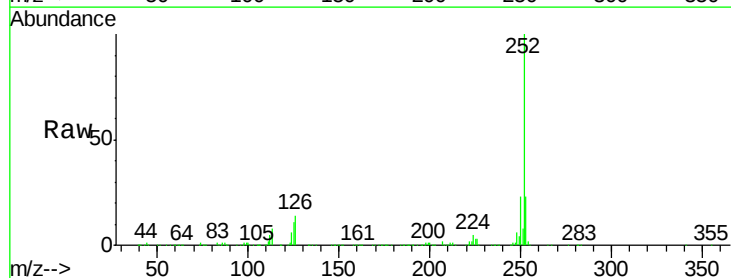
#89  
Benzo(k)fluoranthene  
Concen: 53.559 ng  
RT: 24.09 min Scan# 3541  
Delta R.T. -0.02 min  
Lab File: BG037895.D  
Acq: 8 Nov 2018 21:12

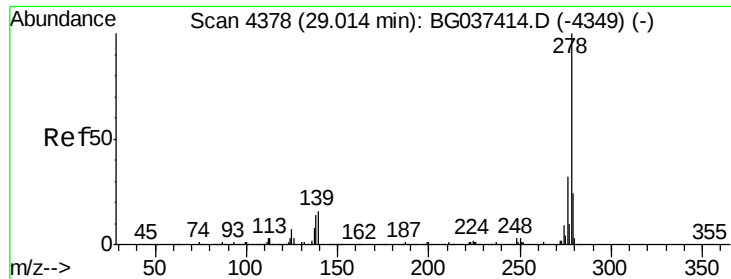
Tgt Ion:252 Resp: 1009092  
Ion Ratio Lower Upper  
252 100  
253 22.9 17.4 26.2  
125 10.0 7.4 11.0



#90  
Benzo(a)pyrene  
Concen: 54.764 ng  
RT: 24.93 min Scan# 3684  
Delta R.T. -0.02 min  
Lab File: BG037895.D  
Acq: 8 Nov 2018 21:12

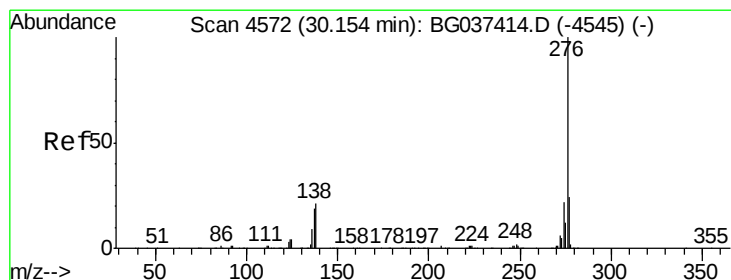
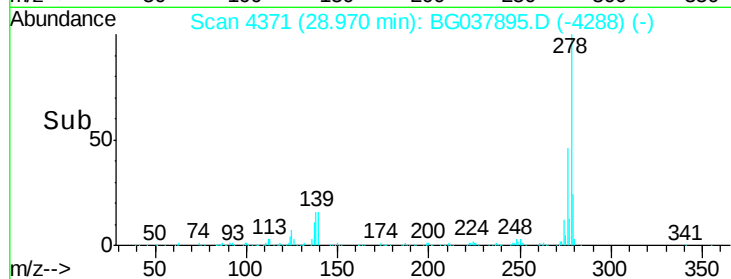
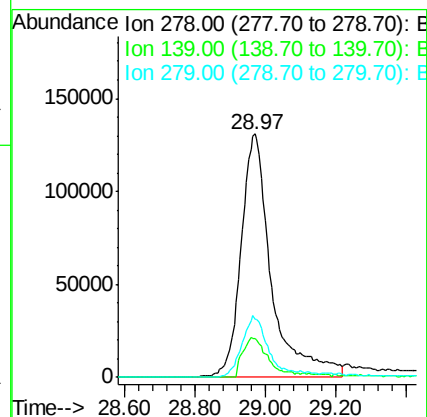
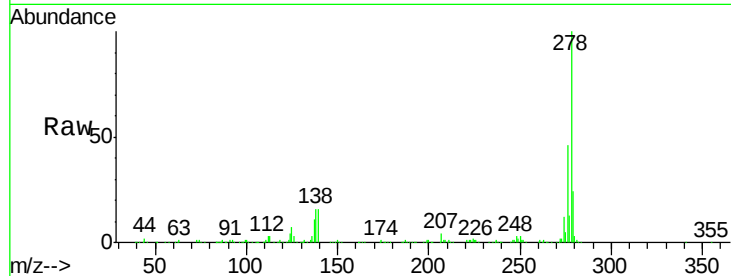
Tgt Ion:252 Resp: 1000731  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.4 26.2  
125 11.0 9.0 13.6





#91  
Dibenzo(a,h)anthracene  
Concen: 46.674 ng  
RT: 28.97 min Scan# 4371  
Delta R.T. -0.04 min  
Lab File: BG037895.D  
Acq: 8 Nov 2018 21:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.8  | 11.5  | 17.3  |
| 279     | 23.6  | 18.6  | 27.8  |



#92  
Benzo(g,h,i)perylene  
Concen: 46.219 ng  
RT: 30.11 min Scan# 4565  
Delta R.T. -0.04 min  
Lab File: BG037895.D  
Acq: 8 Nov 2018 21:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.6  | 18.9  | 28.3  |
| 138     | 22.4  | 17.2  | 25.8  |

