

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG021915\  
 Data File : BG016006.D  
 Acq On : 19 Feb 2015 17:40  
 Operator : TP/IZ  
 Sample : SSTD08010  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 20 04:53:15 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM01.2-EPA-MA-BG021915.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Feb 20 04:39:59 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.82  | 152  | 100346   | 20.00 | ng/ul | 0.00     |
| 16) Naphthalene-d8        | 10.61 | 136  | 454836   | 20.00 | ng/ul | 0.00     |
| 33) Acenaphthene-d10      | 14.44 | 164  | 265059   | 20.00 | ng/ul | 0.00     |
| 59) Phenanthrene-d10      | 17.18 | 188  | 549678   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.36 | 240  | 575528   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.67 | 264  | 558754   | 20.00 | ng/ul | 0.01     |

## System Monitoring Compounds

|                                |       |     |         |        |       |      |
|--------------------------------|-------|-----|---------|--------|-------|------|
| 3) Phenol-d5                   | 6.98  | 99  | 771107  | 80.42  | ng/ul | 0.00 |
| 5) Bis-(2-Chloroethyl)ether-d  | 7.15  | 67  | 426711  | 79.02  | ng/ul | 0.00 |
| 7) 2-Chlorophenol-d4           | 7.35  | 132 | 594191  | 92.27  | ng/ul | 0.00 |
| 11) 4-Methylphenol-d8          | 8.52  | 113 | 578452  | 83.89  | ng/ul | 0.01 |
| 17) Nitrobenzene-d5            | 8.97  | 128 | 283454  | 79.39  | ng/ul | 0.00 |
| 20) 2-Nitrophenol-d4           | 9.69  | 143 | 276373  | 75.00  | ng/ul | 0.00 |
| 24) 2,4-Dichlorophenol-d3      | 10.22 | 165 | 529635  | 73.45  | ng/ul | 0.00 |
| 27) 4-Chloroaniline-d4         | 10.74 | 131 | 553125  | 70.05  | ng/ul | 0.00 |
| 41) Dimethylphthalate-d6       | 13.85 | 166 | 1312695 | 73.58  | ng/ul | 0.00 |
| 44) Acenaphthylene-d8          | 14.14 | 160 | 1766810 | 78.07  | ng/ul | 0.00 |
| 49) 4-Nitrophenol-d4           | 14.64 | 143 | 342582  | 101.49 | ng/ul | 0.02 |
| 55) Fluorene-d10               | 15.43 | 176 | 1262228 | 70.69  | ng/ul | 0.00 |
| 60) 4,6-Dinitro-2-methylphenol | 15.55 | 200 | 225272  | 78.67  | ng/ul | 0.01 |
| 68) Anthracene-d10             | 17.28 | 188 | 1792091 | 70.53  | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.57 | 212 | 1874458 | 78.35  | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.52 | 264 | 1903470 | 75.60  | ng/ul | 0.01 |

## Target Compounds

|                                |       |     |         |        |       | Qvalue |
|--------------------------------|-------|-----|---------|--------|-------|--------|
| 2) Benzaldehyde                | 6.96  | 77  | 434634  | 70.25  | ng/ul | 99     |
| 4) Phenol                      | 7.01  | 94  | 793519  | 78.51  | ng/ul | 97     |
| 6) Bis(2-Chloroethyl)ether     | 7.25  | 93  | 593010  | 79.49  | ng/ul | 99     |
| 8) 2-Chlorophenol              | 7.38  | 128 | 578585  | 91.26  | ng/ul | 96     |
| 9) 2-Methylphenol              | 8.25  | 108 | 582770  | 82.20  | ng/ul | 99     |
| 10) 2,2'-oxybis(1-Chloropropan | 8.35  | 45  | 741709  | 117.12 | ng/ul | 97     |
| 12) Acetophenone               | 8.64  | 105 | 803944  | 71.13  | ng/ul | 98     |
| 13) N-Nitroso-di-n-propylamine | 8.63  | 70  | 468773  | 75.02  | ng/ul | 100    |
| 14) 4-Methylphenol             | 8.59  | 108 | 637803  | 80.54  | ng/ul | 99     |
| 15) Hexachloroethane           | 8.89  | 117 | 217692  | 68.94  | ng/ul | 99     |
| 18) Nitrobenzene               | 9.01  | 77  | 628010  | 57.09  | ng/ul | 99     |
| 19) Isophorone                 | 9.54  | 82  | 1230166 | 64.10  | ng/ul | 99     |
| 21) 2-Nitrophenol              | 9.72  | 139 | 306063  | 75.88  | ng/ul | 96     |
| 22) 2,4-Dimethylphenol         | 9.78  | 107 | 633594  | 60.72  | ng/ul | 97     |
| 23) Bis(2-Chloroethoxy)methane | 10.02 | 93  | 753477  | 69.50  | ng/ul | 96     |
| 25) 2,4-Dichlorophenol         | 10.25 | 162 | 505628  | 68.34  | ng/ul | 98     |
| 26) Naphthalene                | 10.65 | 128 | 1666587 | 70.98  | ng/ul | 95     |
| 28) 4-Chloroaniline            | 10.76 | 127 | 529699  | 65.31  | ng/ul | 99     |
| 29) Hexachlorobutadiene        | 10.94 | 225 | 260822  | 40.63  | ng/ul | 99     |
| 30) Caprolactam                | 11.54 | 113 | 147999  | 47.35  | ng/ul | 96     |
| 31) 4-Chloro-3-methylphenol    | 11.89 | 107 | 579002  | 59.97  | ng/ul | 96     |
| 32) 2-Methylnaphthalene        | 12.26 | 142 | 1207747 | 71.36  | ng/ul | 96     |
| 34) 1,2,4,5-Tetrachlorobenzene | 12.63 | 216 | 526801  | 61.02  | ng/ul | 99     |
| 35) Hexachlorocyclopentadiene  | 12.62 | 237 | 290105  | 61.75  | ng/ul | 99     |

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 Acq On : 19 Feb 2015 17:40  
 Operator : TP/IZ  
 Sample : SSTD08010  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

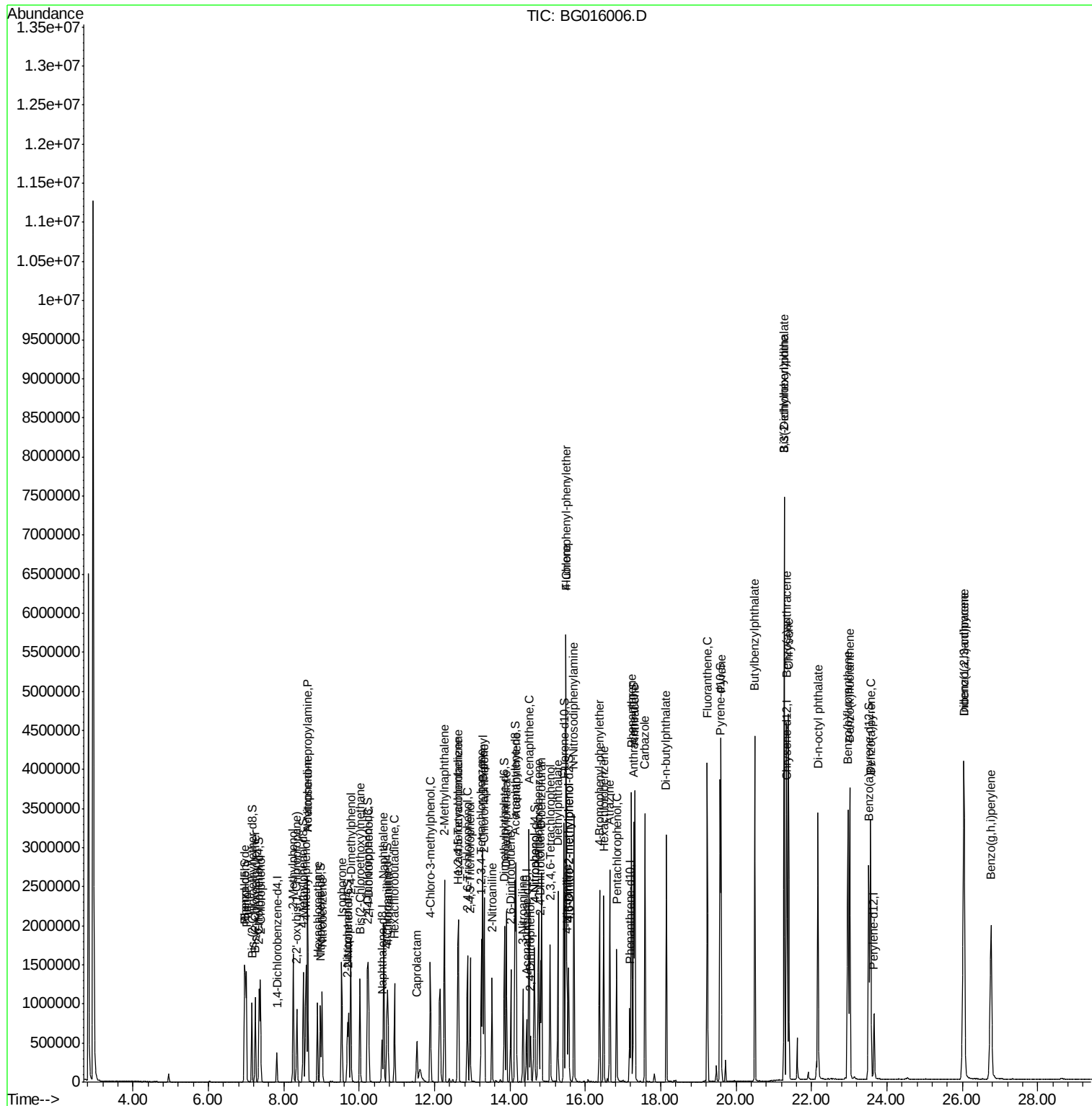
Quant Time: Feb 20 04:53:15 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM01.2-EPA-MA-BG021915.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Feb 20 04:39:59 2015  
 Response via : Initial Calibration

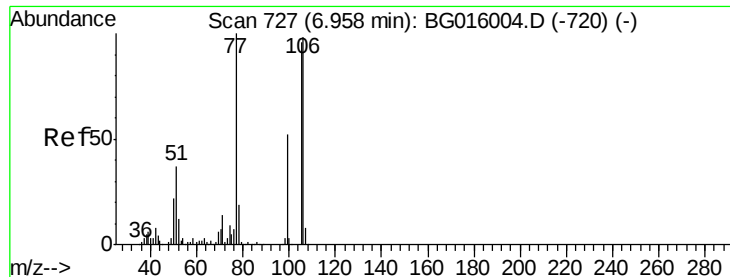
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| -----                          |       |      |          |       |        |          |
| 36) 2,4,6-Trichlorophenol      | 12.87 | 196  | 359010   | 68.88 | ng/ul  | 98       |
| 37) 2,4,5-Trichlorophenol      | 12.94 | 196  | 390267   | 67.07 | ng/ul  | 99       |
| 38) 1,1'-Biphenyl              | 13.28 | 154  | 1435899  | 76.86 | ng/ul  | 92       |
| 39) 2-Chloronaphthalene        | 13.32 | 162  | 1113172  | 77.31 | ng/ul  | 95       |
| 40) 2-Nitroaniline             | 13.53 | 65   | 362608   | 71.47 | ng/ul  | 95       |
| 42) Dimethylphthalate          | 13.90 | 163  | 1344081  | 72.43 | ng/ul  | 98       |
| 43) 2,6-Dinitrotoluene         | 14.03 | 165  | 306667   | 79.08 | ng/ul  | 97       |
| 45) Acenaphthylene             | 14.17 | 152  | 1806715  | 73.87 | ng/ul# | 91       |
| 46) 3-Nitroaniline             | 14.35 | 138  | 306397   | 82.99 | ng/ul  | 90       |
| 47) Acenaphthene               | 14.51 | 153  | 1256664  | 78.85 | ng/ul  | 97       |
| 48) 2,4-Dinitrophenol          | 14.55 | 184  | 137737   | 70.61 | ng/ul  | 96       |
| 50) 4-Nitrophenol              | 14.65 | 109  | 185862   | 43.90 | ng/ul  | 97       |
| 51) Dibenzofuran               | 14.84 | 168  | 1615990  | 69.38 | ng/ul  | 90       |
| 52) 2,4-Dinitrotoluene         | 14.81 | 165  | 434268   | 77.21 | ng/ul  | 90       |
| 53) 2,3,4,6-Tetrachlorophenol  | 15.06 | 232  | 336734   | 57.84 | ng/ul  | 97       |
| 54) Diethylphthalate           | 15.27 | 149  | 1388031  | 70.61 | ng/ul  | 97       |
| 56) Fluorene                   | 15.49 | 166  | 1422878  | 74.88 | ng/ul  | 99       |
| 57) 4-Chlorophenyl-phenylether | 15.48 | 204  | 676701   | 59.36 | ng/ul  | 96       |
| 58) 4-Nitroaniline             | 15.52 | 138  | 415787   | 90.58 | ng/ul  | 98       |
| 61) 4,6-Dinitro-2-methylphenol | 15.57 | 198  | 238441   | 79.08 | ng/ul  | 98       |
| 62) N-Nitrosodiphenylamine     | 15.70 | 169  | 1235472  | 78.41 | ng/ul  | 96       |
| 63) 4-Bromophenyl-phenylether  | 16.37 | 248  | 422670   | 62.78 | ng/ul  | 95       |
| 64) Hexachlorobenzene          | 16.49 | 284  | 479770   | 66.60 | ng/ul  | 99       |
| 65) Atrazine                   | 16.65 | 200  | 452487   | 72.44 | ng/ul  | 98       |
| 66) Pentachlorophenol          | 16.83 | 266  | 282158   | 74.61 | ng/ul  | 95       |
| 67) Phenanthrene               | 17.23 | 178  | 1992188  | 70.51 | ng/ul# | 90       |
| 69) Anthracene                 | 17.32 | 178  | 2009595  | 69.40 | ng/ul# | 90       |
| 70) 1,2,3,4-Tetrachlorobenzene | 13.24 | 216  | 522892   | 68.80 | ng/ul  | 99       |
| 71) Pentachlorobenzene         | 14.76 | 250  | 510296   | 64.64 | ng/ul  | 97       |
| 72) Carbazole                  | 17.59 | 167  | 1979603  | 74.21 | ng/ul# | 89       |
| 73) Di-n-butylphthalate        | 18.15 | 149  | 2193377  | 71.80 | ng/ul# | 90       |
| 74) Fluoranthene               | 19.24 | 202  | 2157182  | 59.09 | ng/ul# | 86       |
| 77) Pyrene                     | 19.61 | 202  | 2196351  | 69.53 | ng/ul# | 90       |
| 78) Butylbenzylphthalate       | 20.50 | 149  | 1146588  | 94.72 | ng/ul  | 92       |
| 79) 3,3'-Dichlorobenzidine     | 21.27 | 252  | 660701   | 66.69 | ng/ul  | 97       |
| 80) Benzo(a)anthracene         | 21.34 | 228  | 2072270  | 64.18 | ng/ul# | 86       |
| 81) Bis(2-ethylhexyl)phthalate | 21.27 | 149  | 1463739  | 89.88 | ng/ul# | 87       |
| 82) Chrysene                   | 21.40 | 228  | 1956191  | 64.26 | ng/ul# | 86       |
| 84) Di-n-octyl phthalate       | 22.17 | 149  | 2334177  | 85.00 | ng/ul  | 100      |
| 85) Benzo(b)fluoranthene       | 22.97 | 252  | 2246920  | 67.70 | ng/ul  | 92       |
| 86) Benzo(k)fluoranthene       | 23.01 | 252  | 2116302  | 66.83 | ng/ul# | 90       |
| 88) Benzo(a)pyrene             | 23.57 | 252  | 2201064  | 69.46 | ng/ul  | 93       |
| 89) Indeno(1,2,3-cd)pyrene     | 26.04 | 276  | 2738242  | 77.36 | ng/ul  | 95       |
| 90) Dibenzo(a,h)anthracene     | 26.05 | 278  | 2276072  | 74.44 | ng/ul  | 93       |
| 91) Benzo(g,h,i)perylene       | 26.77 | 276  | 2302696  | 78.65 | ng/ul  | 98       |
| -----                          |       |      |          |       |        |          |

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

```
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Sample    : SSTD08010  
Misc      :  
ALS Vial  : 6      Sample Multiplier: 1
```

Quant Time: Feb 20 04:53:15 2015  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM01.2-EPA-MA-BG021915.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Feb 20 04:39:59 2015  
Response via : Initial Calibration





#2

Benzaldehyde

Concen: 70.25 ng/ul

RT: 6.96 min Scan# 727

Delta R.T. 0.00 min

Lab File: BG016006.D

Acq: 19 Feb 2015 17:40

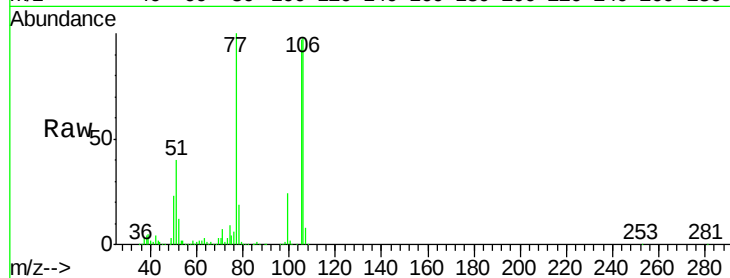
Tgt Ion: 77 Resp: 434634

Ion Ratio Lower Upper

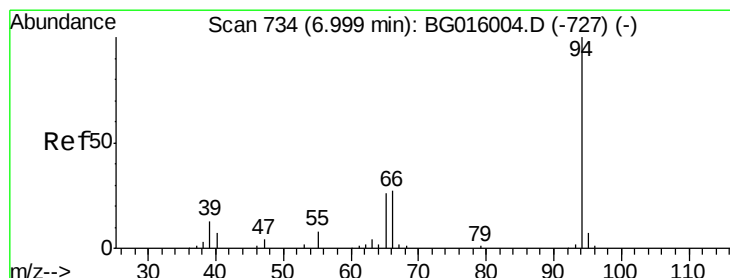
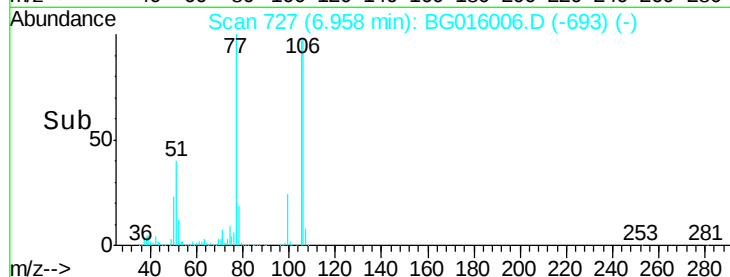
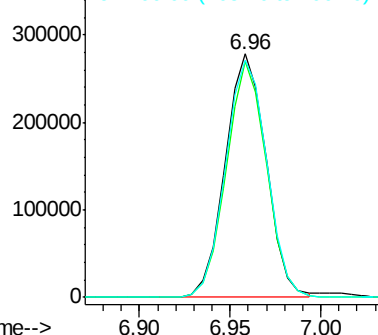
77 100

105 97.0 76.6 114.8

106 97.7 78.2 117.4



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



#4

Phenol

Concen: 78.51 ng/ul

RT: 7.01 min Scan# 735

Delta R.T. 0.01 min

Lab File: BG016006.D

Acq: 19 Feb 2015 17:40

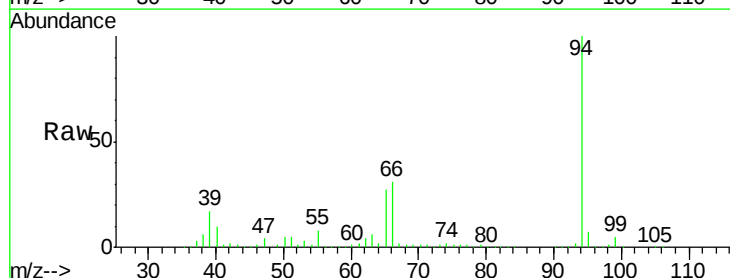
Tgt Ion: 94 Resp: 793519

Ion Ratio Lower Upper

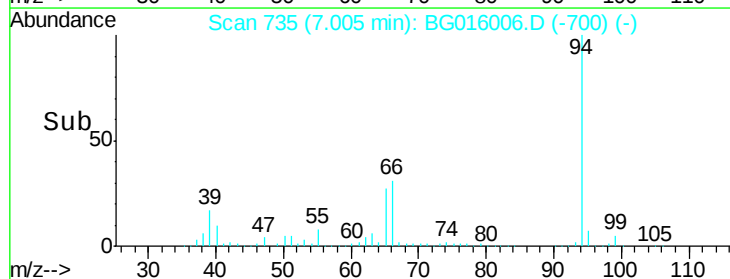
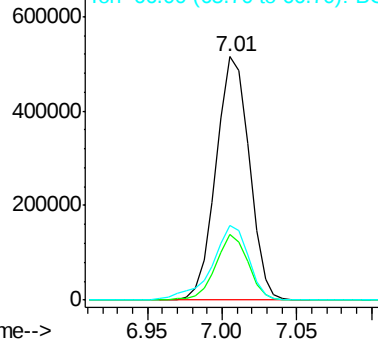
94 100

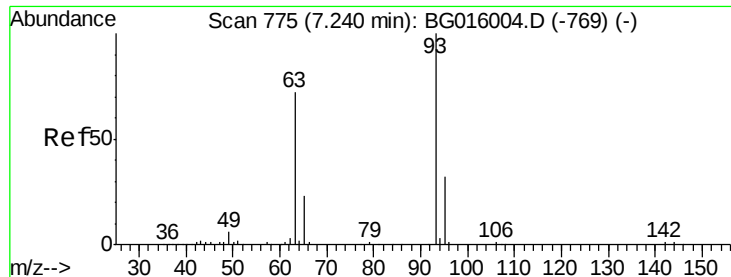
65 26.8 20.8 31.2

66 30.9 22.6 34.0



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





#6

Bis(2-Chloroethyl)ether

Concen: 79.49 ng/ul

RT: 7.25 min Scan# 776

Delta R.T. 0.01 min

Lab File: BG016006.D

Acq: 19 Feb 2015 17:40

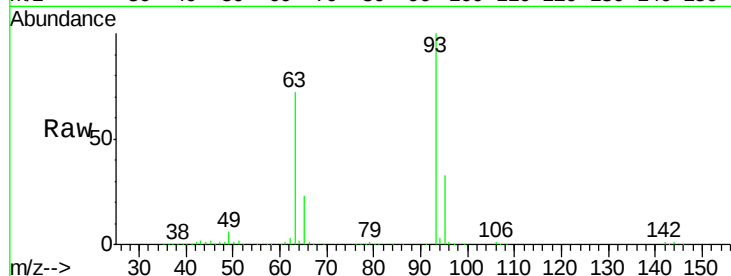
Tgt Ion: 93 Resp: 593010

Ion Ratio Lower Upper

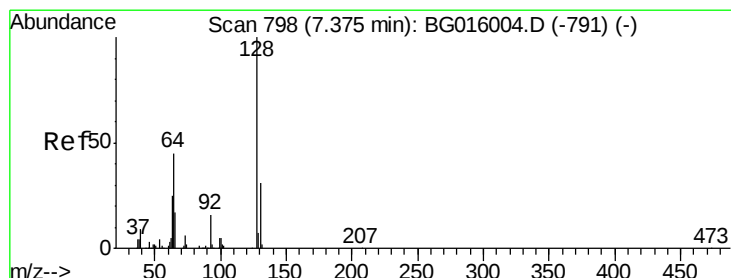
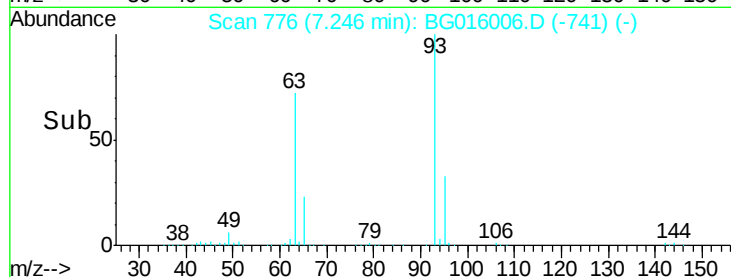
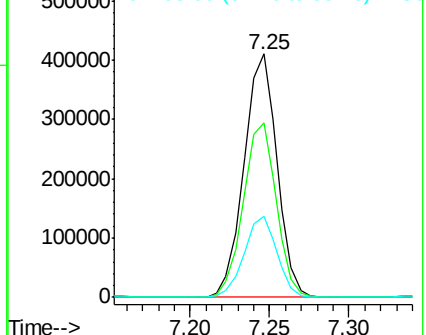
93 100

63 71.6 57.5 86.3

95 33.3 25.8 38.6



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



#8

2-Chlorophenol

Concen: 91.26 ng/ul

RT: 7.38 min Scan# 799

Delta R.T. 0.01 min

Lab File: BG016006.D

Acq: 19 Feb 2015 17:40

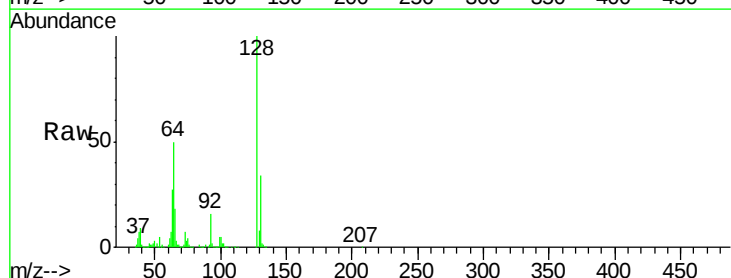
Tgt Ion: 128 Resp: 578585

Ion Ratio Lower Upper

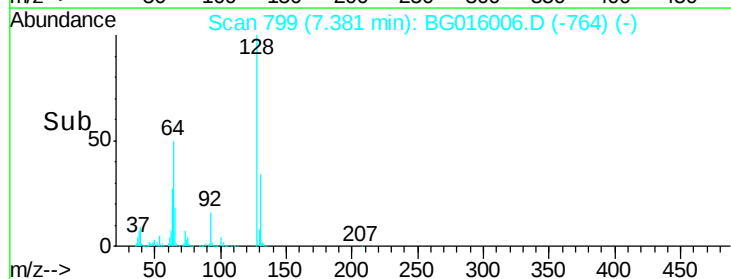
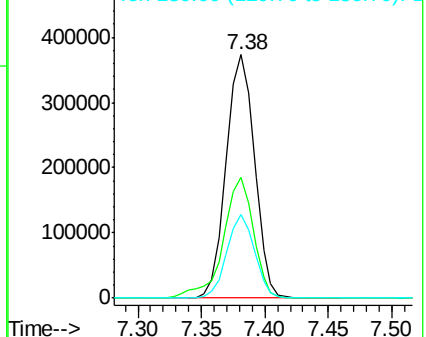
128 100

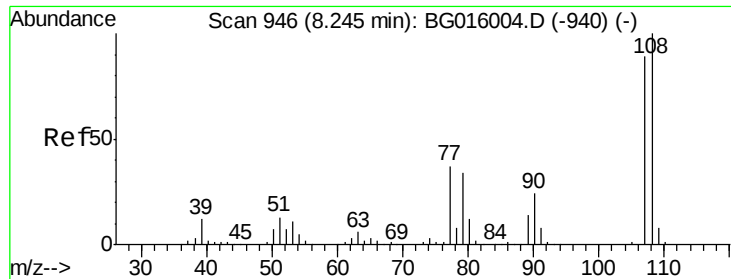
64 49.7 38.2 57.2

130 34.1 24.9 37.3



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





#9

2-Methylphenol

Concen: 82.20 ng/ul

RT: 8.25 min Scan# 947

Delta R.T. 0.01 min

Lab File: BG016006.D

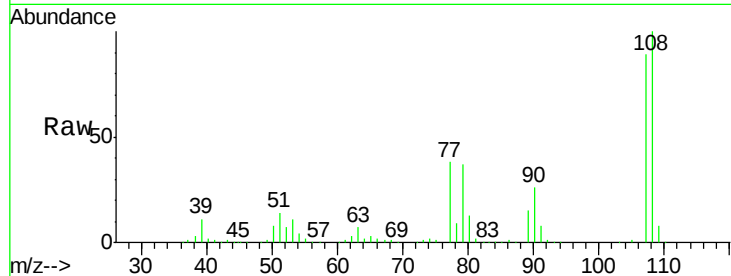
Acq: 19 Feb 2015 17:40

Tgt Ion: 108 Resp: 582770

Ion Ratio Lower Upper

108 100

107 88.6 71.3 106.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.25

400000

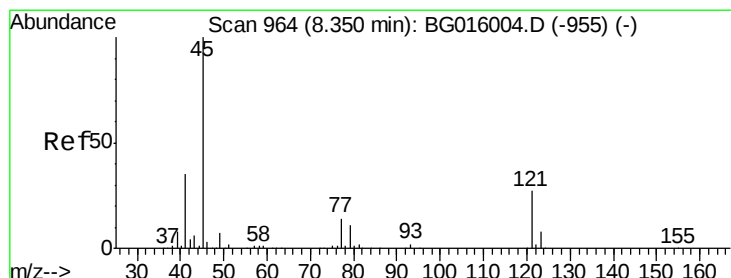
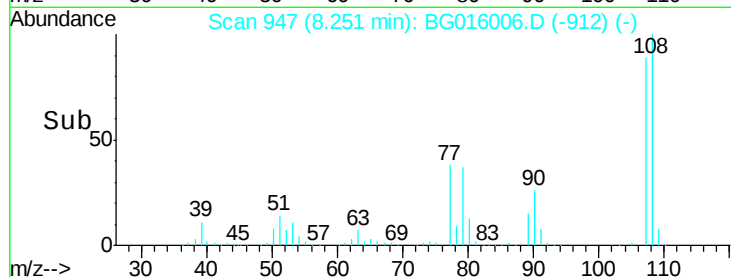
300000

200000

100000

0

Time-->



#10

2,2'-oxybis(1-chloropropane)

Concen: 117.12 ng/ul

RT: 8.35 min Scan# 964

Delta R.T. 0.00 min

Lab File: BG016006.D

Acq: 19 Feb 2015 17:40

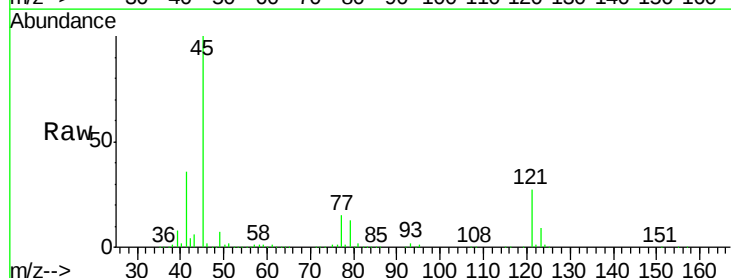
Tgt Ion: 45 Resp: 741709

Ion Ratio Lower Upper

45 100

77 15.2 11.4 17.2

79 12.8 9.0 13.6



Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

8.35

500000

400000

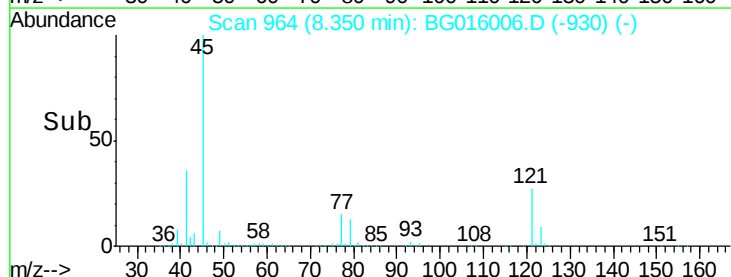
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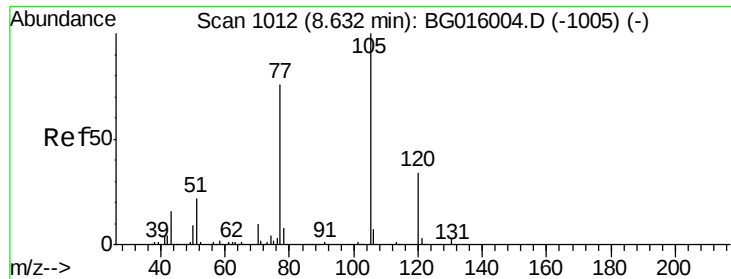
200000

100000

0

Time-->





#12

Acetophenone

Concen: 71.13 ng/ul

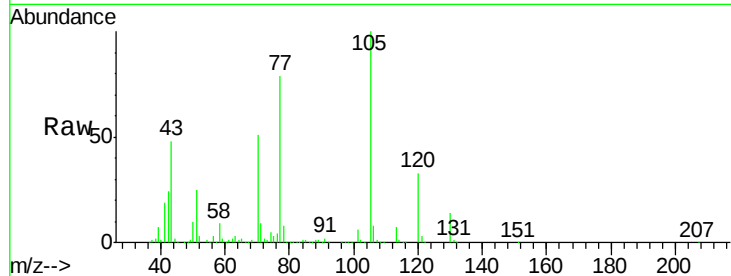
RT: 8.64 min Scan# 1013

Delta R.T. 0.01 min

Lab File: BG016006.D

Acq: 19 Feb 2015 17:40

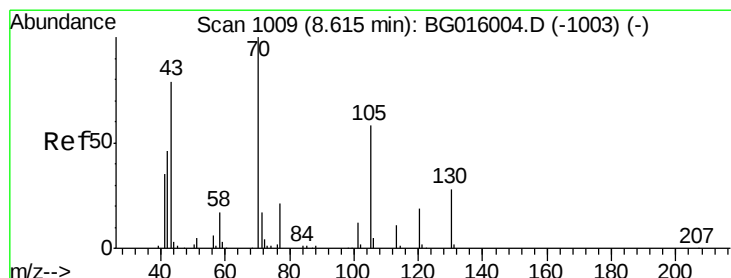
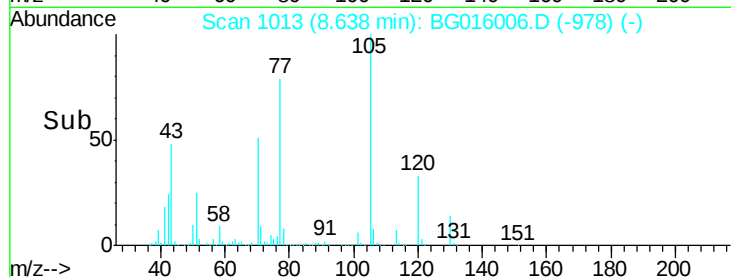
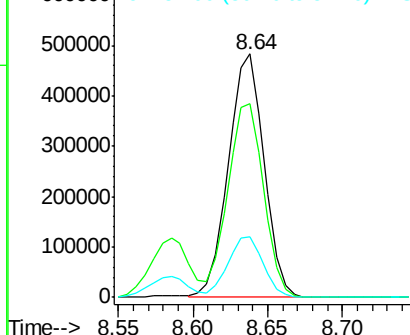
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 803944 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 77       | 79.4  | 64.9  | 97.3   |
| 51       | 24.9  | 19.4  | 29.0   |



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 51.00 (50.70 to 51.70): BG



#13

N-Nitroso-di-n-propylamine

Concen: 75.02 ng/ul

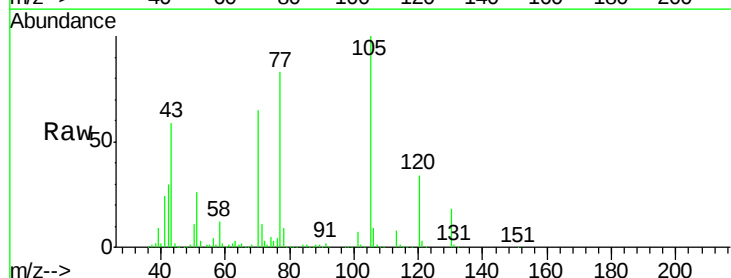
RT: 8.63 min Scan# 1012

Delta R.T. 0.02 min

Lab File: BG016006.D

Acq: 19 Feb 2015 17:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 468773 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 47.2  | 37.8  | 56.6   |
| 101      | 11.5  | 9.3   | 13.9   |
| 130      | 27.5  | 22.2  | 33.2   |

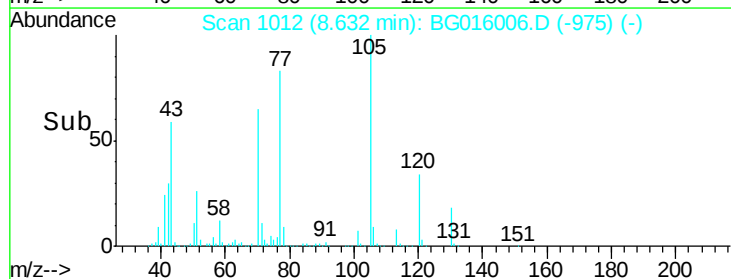
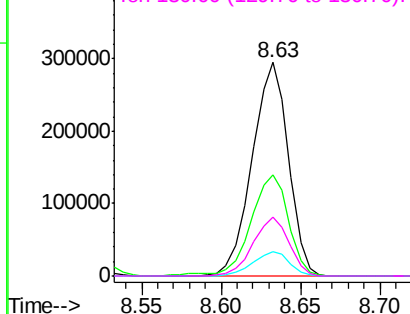


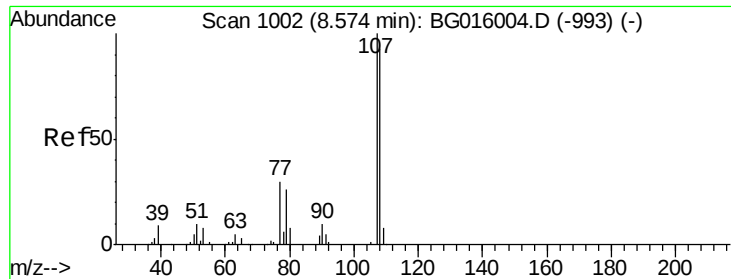
Abundance Ion 70.00 (69.70 to 70.70): BG

Ion 42.00 (41.70 to 42.70): BG

Ion 101.00 (100.70 to 101.70): E

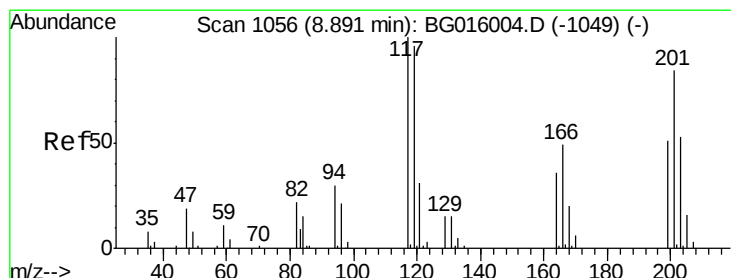
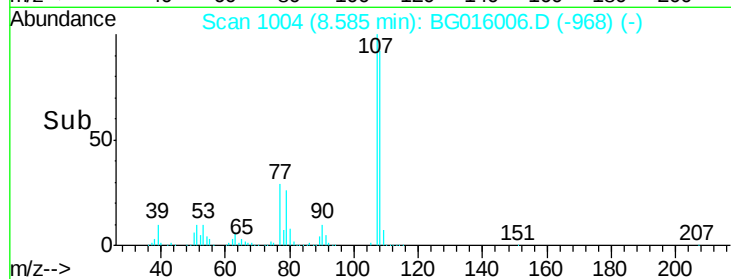
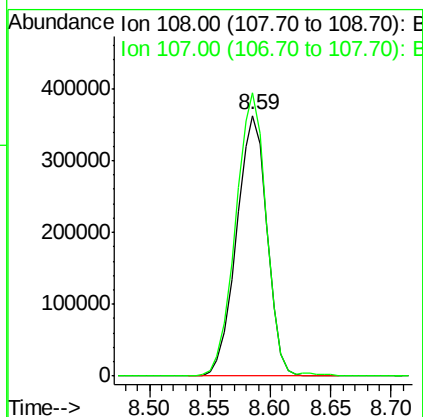
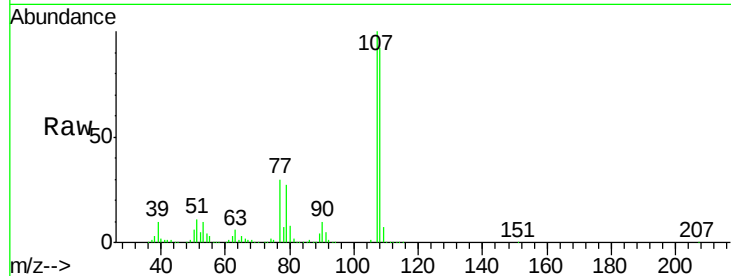
Ion 130.00 (129.70 to 130.70): E





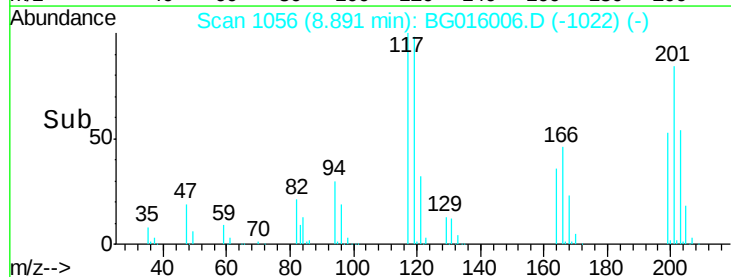
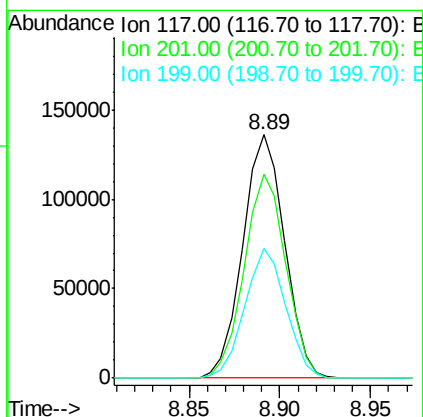
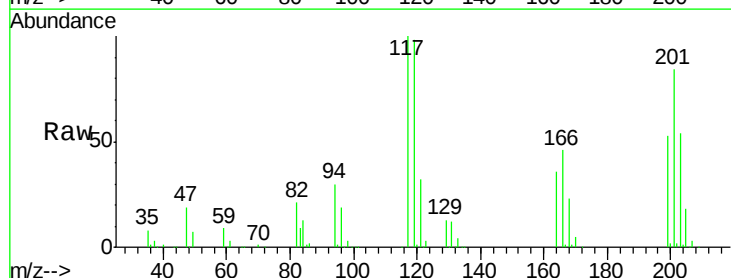
#14  
4-Methylphenol  
Concen: 80.54 ng/ul  
RT: 8.59 min Scan# 1004  
Delta R.T. 0.01 min  
Lab File: BG016006.D  
Acq: 19 Feb 2015 17:40

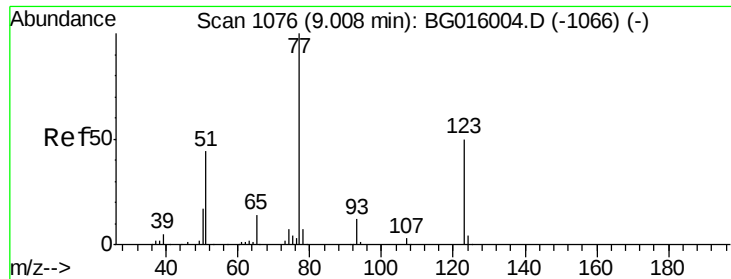
Tgt Ion:108 Resp: 637803  
Ion Ratio Lower Upper  
108 100  
107 108.6 86.2 129.2



#15  
Hexachloroethane  
Concen: 68.94 ng/ul  
RT: 8.89 min Scan# 1056  
Delta R.T. 0.00 min  
Lab File: BG016006.D  
Acq: 19 Feb 2015 17:40

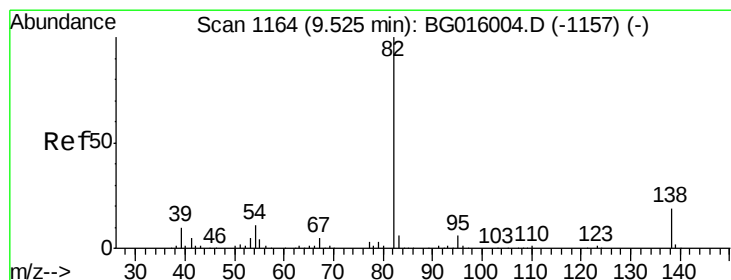
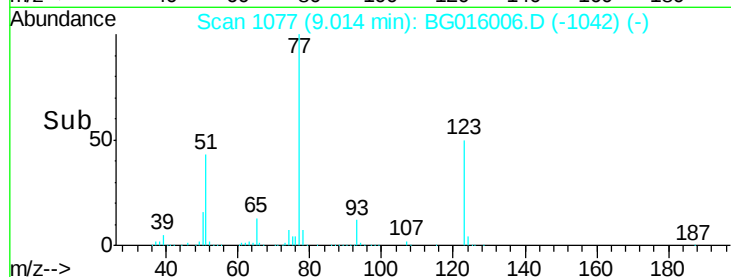
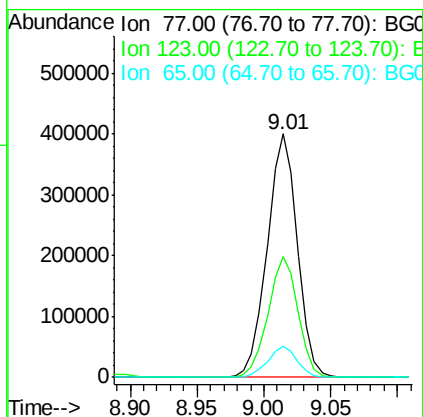
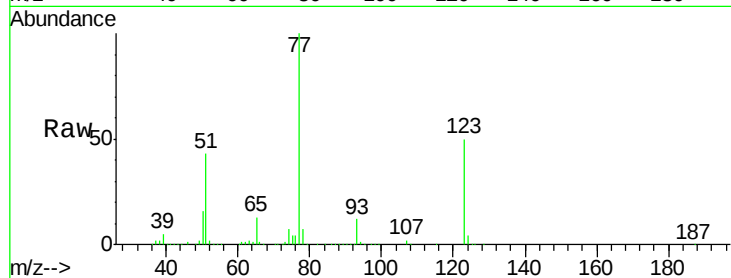
Tgt Ion:117 Resp: 217692  
Ion Ratio Lower Upper  
117 100  
201 83.7 67.0 100.4  
199 53.2 41.0 61.6





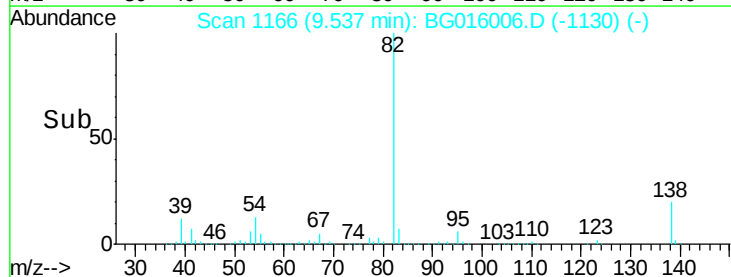
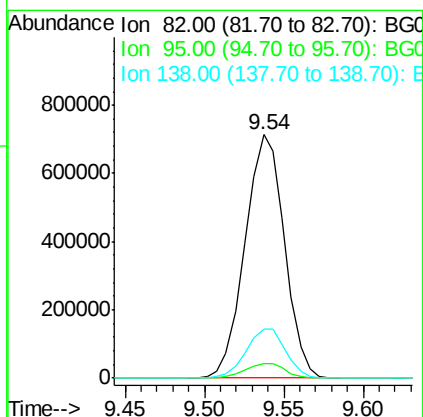
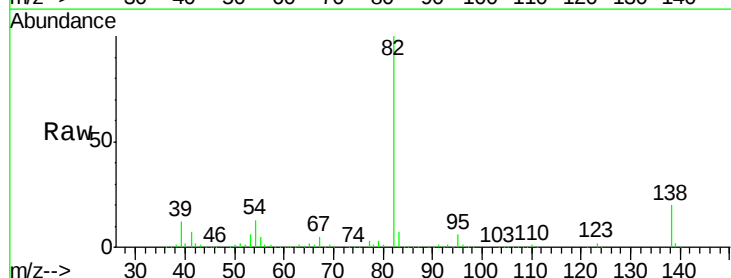
#18  
 Nitrobenzene  
 Concen: 57.09 ng/ul  
 RT: 9.01 min Scan# 1077  
 Delta R.T. 0.01 min  
 Lab File: BG016006.D  
 Acq: 19 Feb 2015 17:40

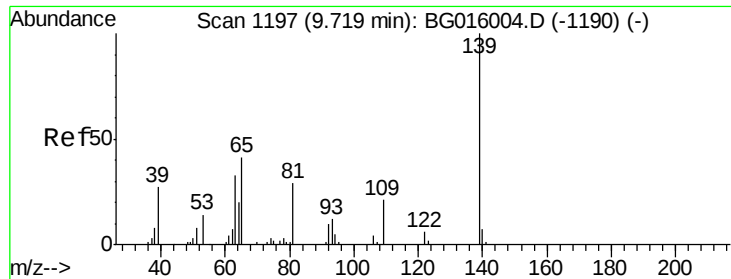
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 49.6  | 39.9  | 59.9  |
| 65      | 12.8  | 11.0  | 16.6  |



#19  
 Isophorone  
 Concen: 64.10 ng/ul  
 RT: 9.54 min Scan# 1166  
 Delta R.T. 0.01 min  
 Lab File: BG016006.D  
 Acq: 19 Feb 2015 17:40

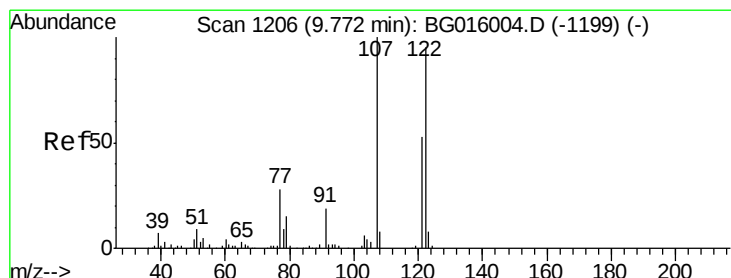
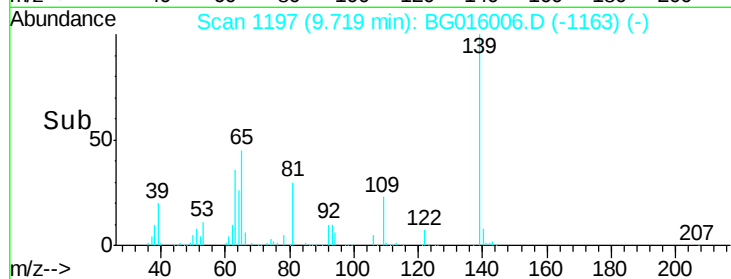
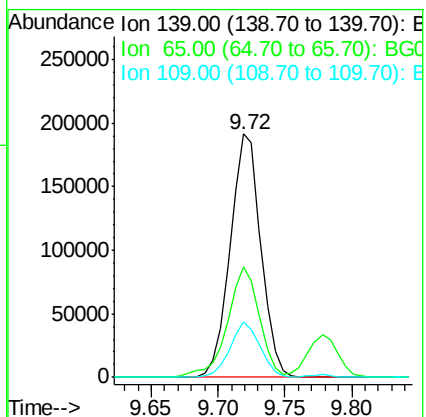
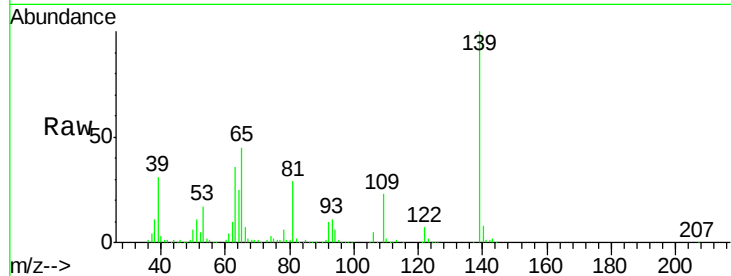
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 6.1   | 4.6   | 6.8   |
| 138     | 20.0  | 15.4  | 23.2  |





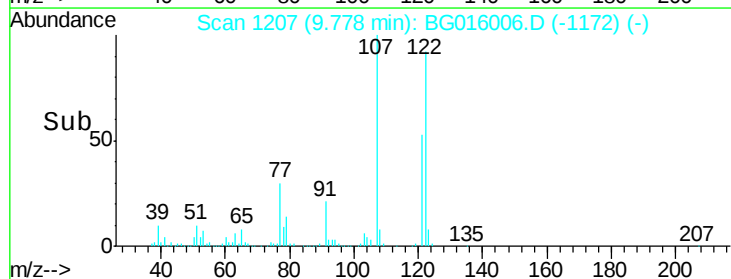
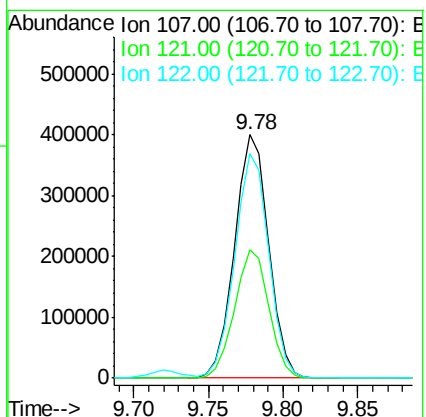
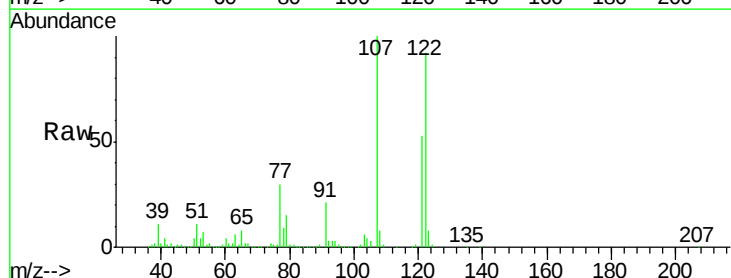
#21  
2-Nitrophenol  
Concen: 75.88 ng/ul  
RT: 9.72 min Scan# 1197  
Delta R.T. 0.00 min  
Lab File: BG016006.D  
Acq: 19 Feb 2015 17:40

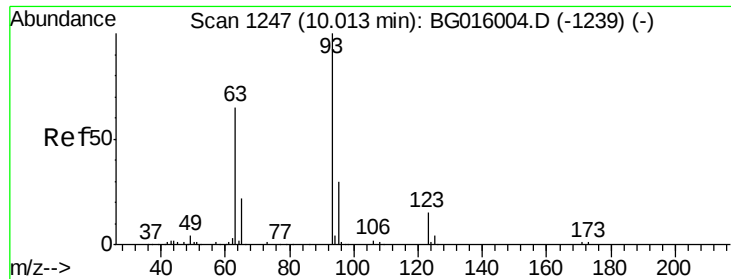
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 65      | 45.4  | 34.2  | 51.2  |
| 109     | 22.6  | 16.6  | 25.0  |



#22  
2,4-Dimethylphenol  
Concen: 60.72 ng/ul  
RT: 9.78 min Scan# 1207  
Delta R.T. 0.01 min  
Lab File: BG016006.D  
Acq: 19 Feb 2015 17:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 121     | 52.6  | 42.6  | 63.8  |
| 122     | 92.0  | 76.6  | 115.0 |





#23

Bis(2-Chloroethoxy)methane

Concen: 69.50 ng/ul

RT: 10.02 min Scan# 1248

Delta R.T. 0.01 min

Lab File: BG016006.D

Acq: 19 Feb 2015 17:40

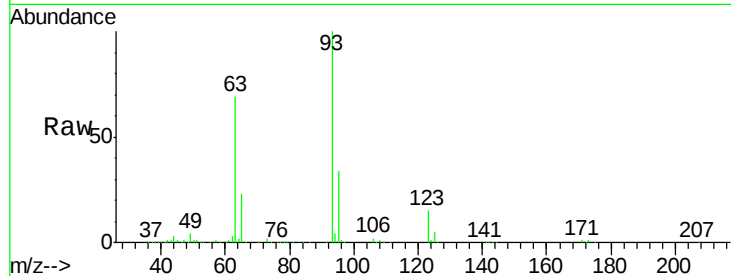
Tgt Ion: 93 Resp: 753477

Ion Ratio Lower Upper

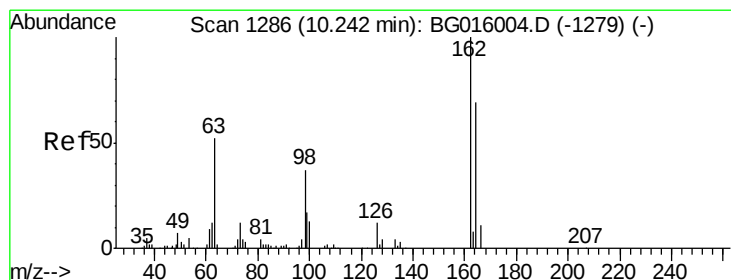
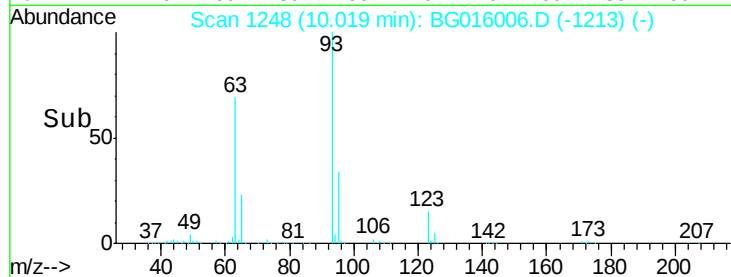
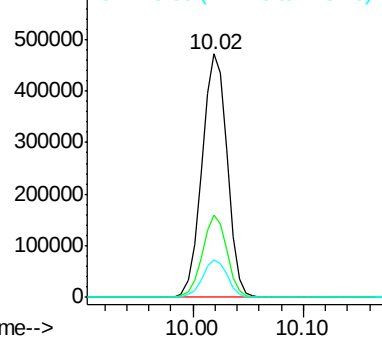
93 100

95 33.6 24.3 36.5

123 15.2 11.9 17.9



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): BGC



#25

2,4-Dichlorophenol

Concen: 68.34 ng/ul

RT: 10.25 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BG016006.D

Acq: 19 Feb 2015 17:40

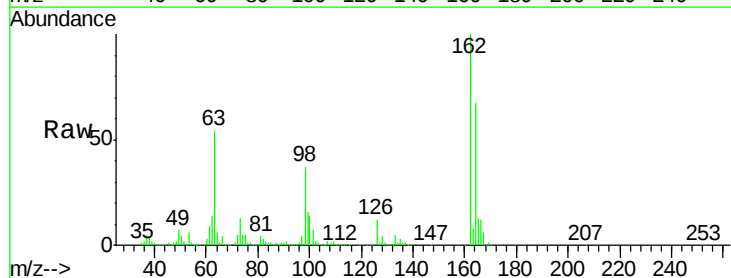
Tgt Ion: 162 Resp: 505628

Ion Ratio Lower Upper

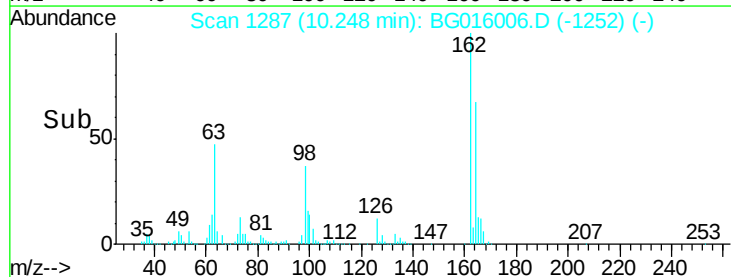
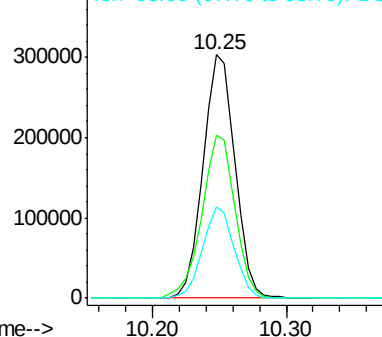
162 100

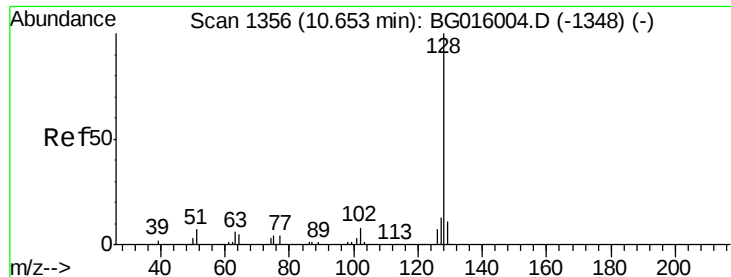
164 67.0 55.7 83.5

98 37.2 30.2 45.2



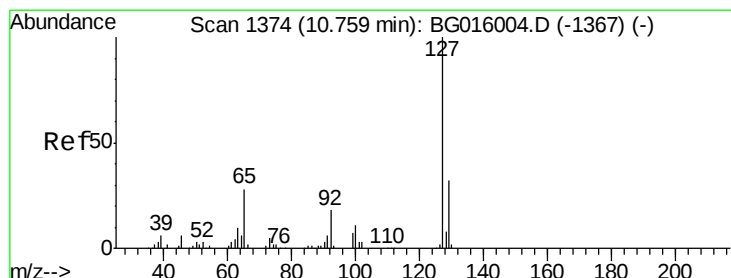
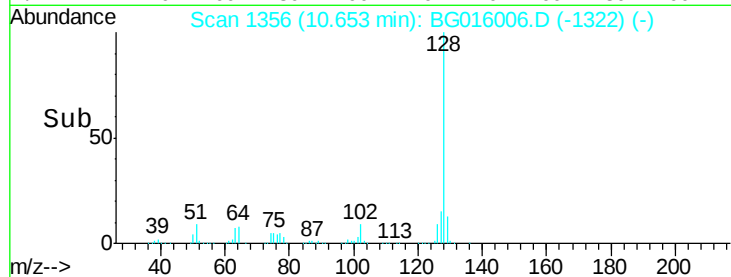
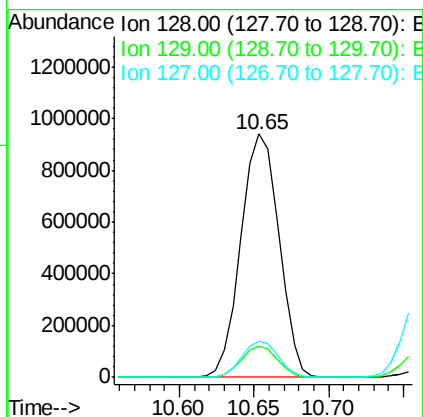
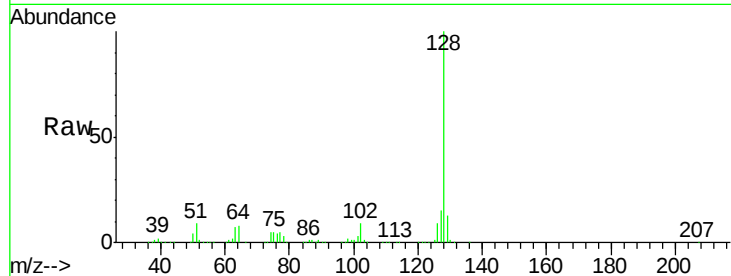
Abundance Ion 162.00 (161.70 to 162.70): BGC  
Ion 164.00 (163.70 to 164.70): BGC  
Ion 98.00 (97.70 to 98.70): BGC





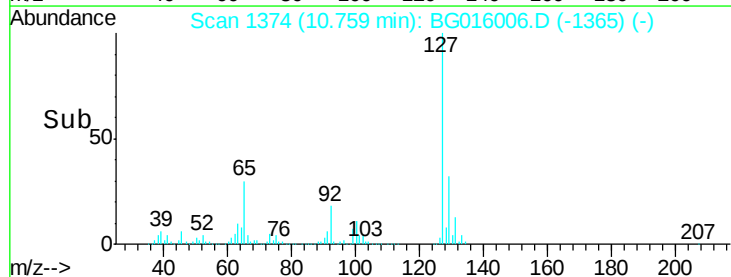
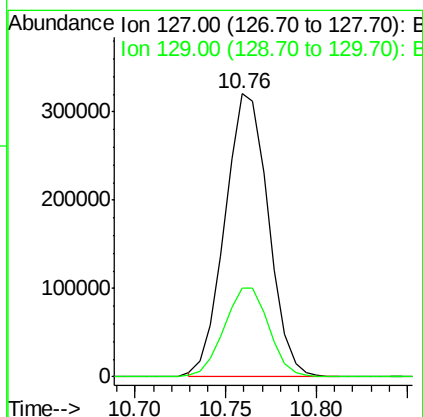
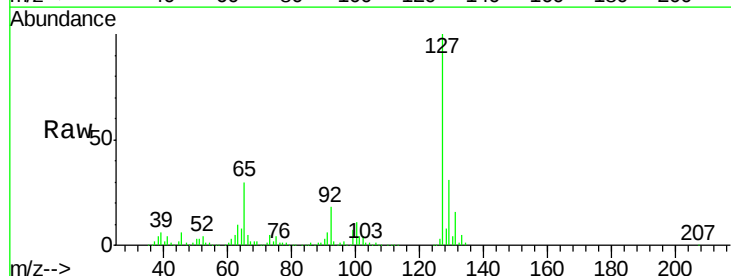
#26  
Naphthalene  
Concen: 70.98 ng/ul  
RT: 10.65 min Scan# 1356  
Delta R.T. 0.00 min  
Lab File: BG016006.D  
Acq: 19 Feb 2015 17:40

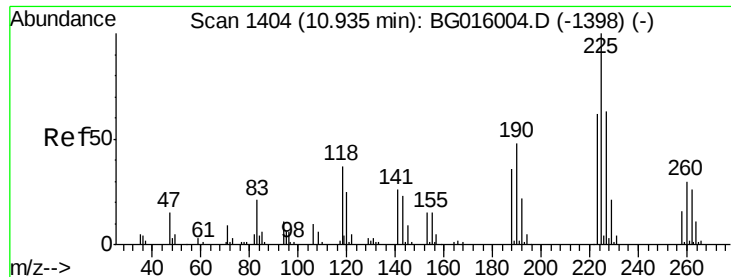
Tgt Ion:128 Resp: 1666587  
Ion Ratio Lower Upper  
128 100  
129 12.8 8.7 13.1  
127 15.0 10.4 15.6



#28  
4-Chloroaniline  
Concen: 65.31 ng/ul  
RT: 10.76 min Scan# 1374  
Delta R.T. 0.00 min  
Lab File: BG016006.D  
Acq: 19 Feb 2015 17:40

Tgt Ion:127 Resp: 529699  
Ion Ratio Lower Upper  
127 100  
129 31.5 25.8 38.8





#29

Hexachlorobutadiene

Concen: 40.63 ng/ul

RT: 10.94 min Scan# 1405

Delta R.T. 0.01 min

Lab File: BG016006.D

Acq: 19 Feb 2015 17:40

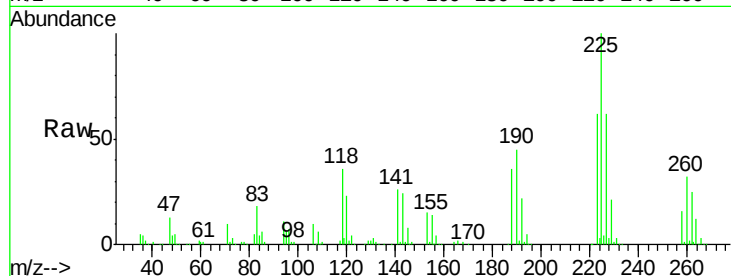
Tgt Ion: 225 Resp: 260822

Ion Ratio Lower Upper

225 100

223 62.0 49.3 73.9

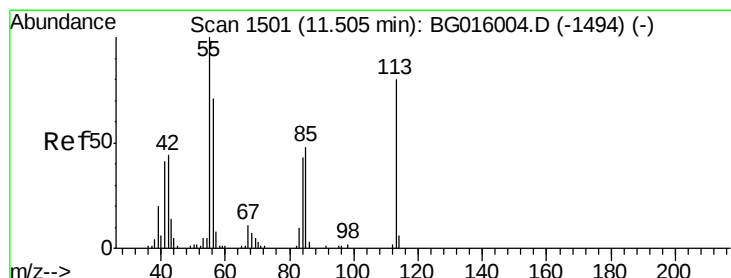
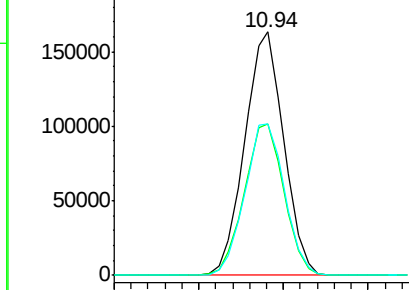
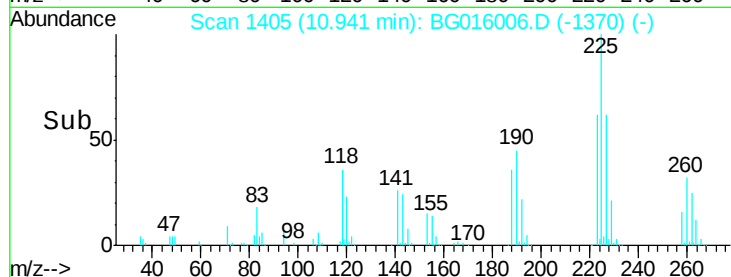
227 62.2 50.2 75.4



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



#30

Caprolactam

Concen: 47.35 ng/ul

RT: 11.54 min Scan# 1507

Delta R.T. 0.04 min

Lab File: BG016006.D

Acq: 19 Feb 2015 17:40

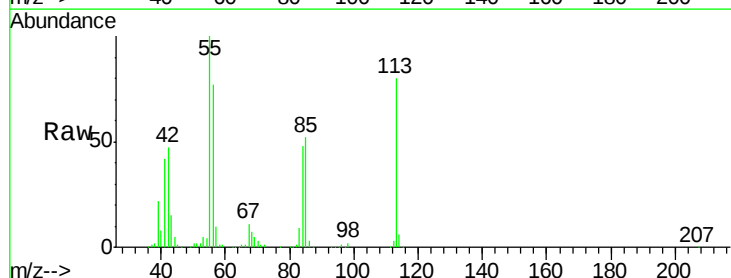
Tgt Ion: 113 Resp: 147999

Ion Ratio Lower Upper

113 100

55 124.4 101.4 152.2

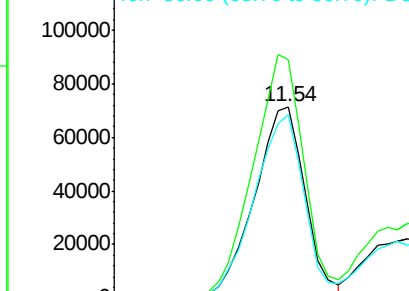
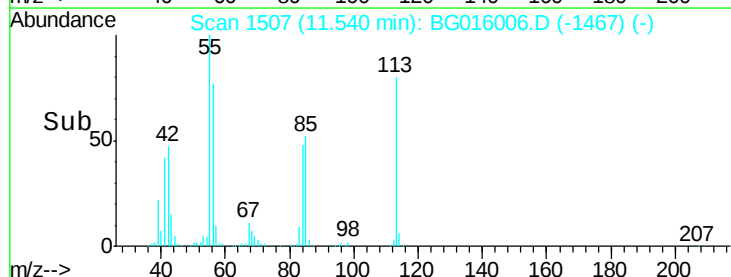
56 95.9 71.0 106.6

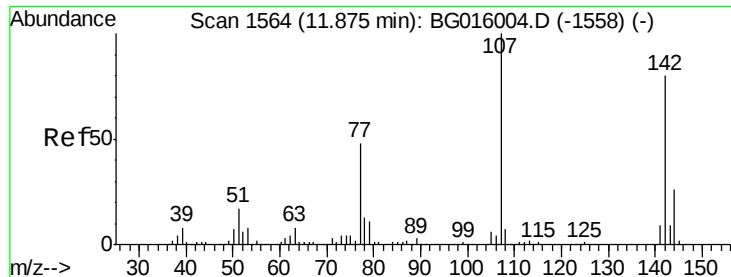


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

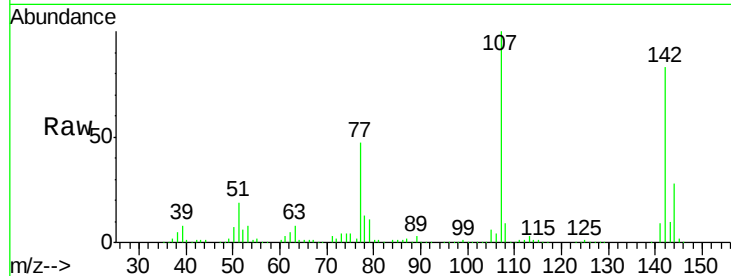
Ion 56.00 (55.70 to 56.70): BG0



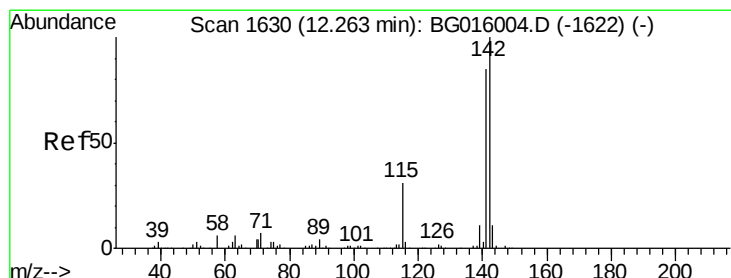
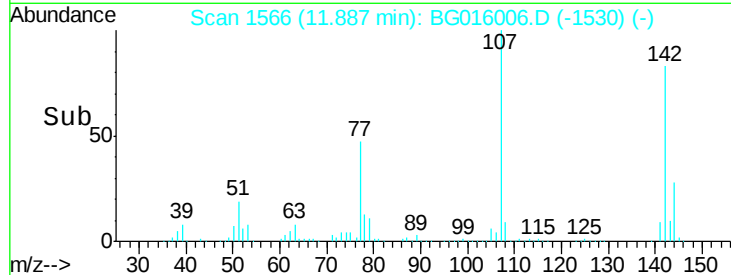
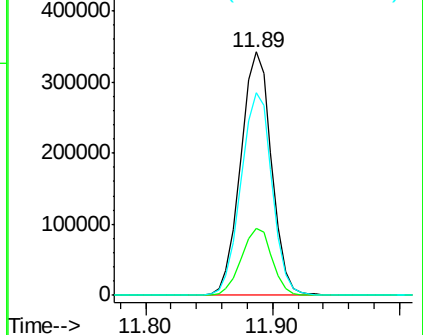


#31  
 4-Chloro-3-methylphenol  
 Concen: 59.97 ng/ul  
 RT: 11.89 min Scan# 1566  
 Delta R.T. 0.01 min  
 Lab File: BG016006.D  
 Acq: 19 Feb 2015 17:40

Tgt Ion:107 Resp: 579002  
 Ion Ratio Lower Upper  
 107 100  
 144 27.7 21.1 31.7  
 142 83.1 63.7 95.5

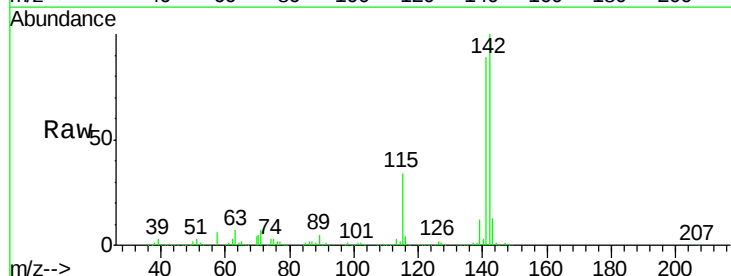


Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 144.00 (143.70 to 144.70): E  
 Ion 142.00 (141.70 to 142.70): E

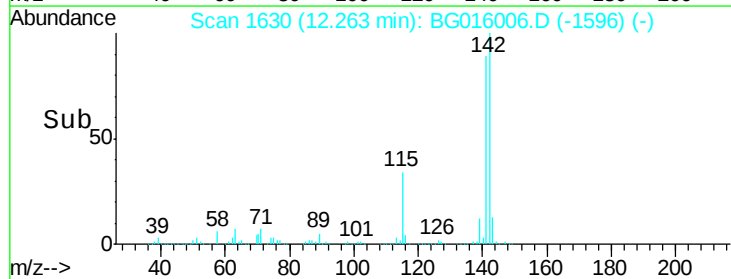
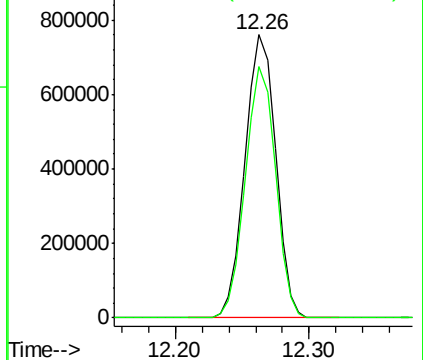


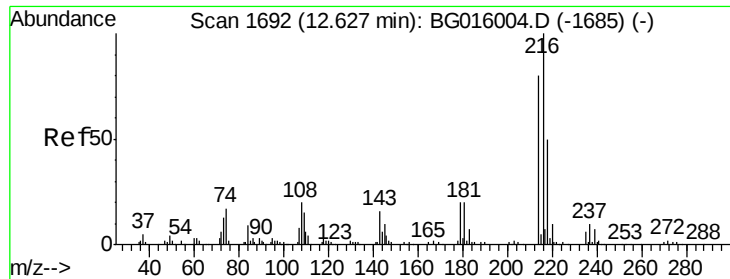
#32  
 2-Methylnaphthalene  
 Concen: 71.36 ng/ul  
 RT: 12.26 min Scan# 1630  
 Delta R.T. 0.00 min  
 Lab File: BG016006.D  
 Acq: 19 Feb 2015 17:40

Tgt Ion:142 Resp: 1207747  
 Ion Ratio Lower Upper  
 142 100  
 141 88.8 68.3 102.5



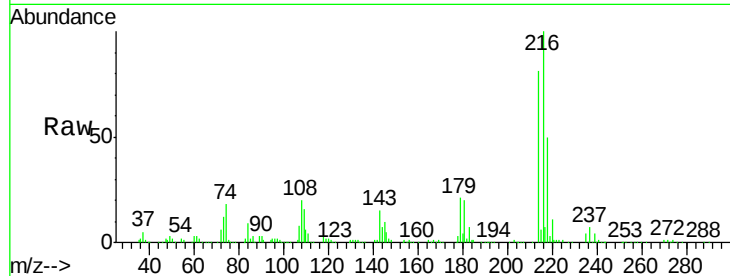
Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E



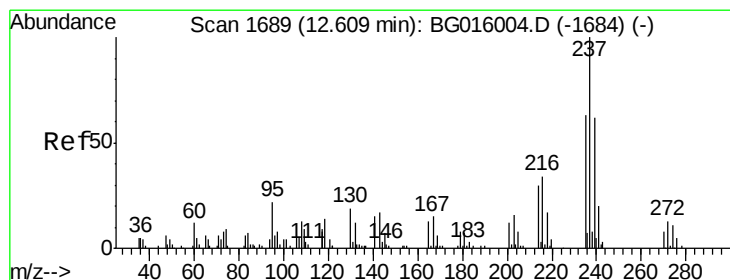
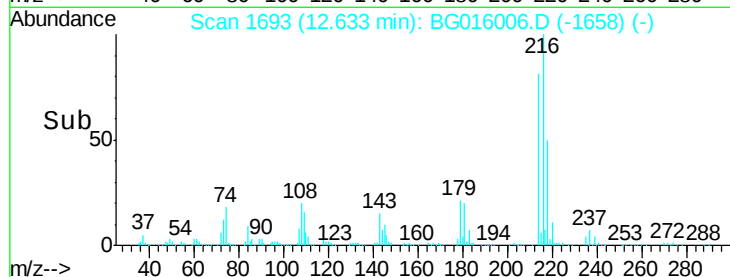
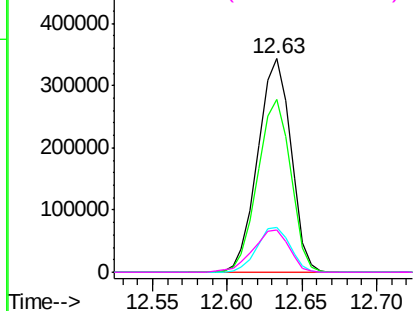


#34  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 61.02 ng/ul  
 RT: 12.63 min Scan# 1693  
 Delta R.T. 0.01 min  
 Lab File: BG016006.D  
 Acq: 19 Feb 2015 17:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 526801 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 81.0  | 64.3  | 96.5   |
| 179      | 20.9  | 15.7  | 23.5   |
| 108      | 19.7  | 16.1  | 24.1   |

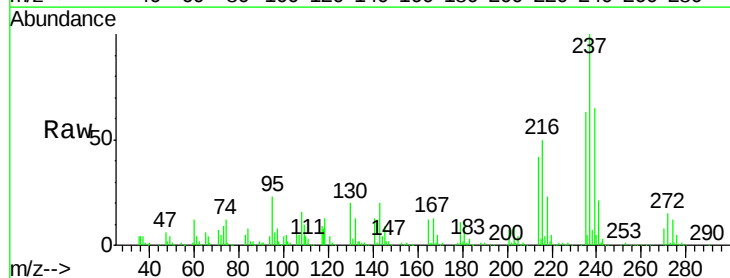


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

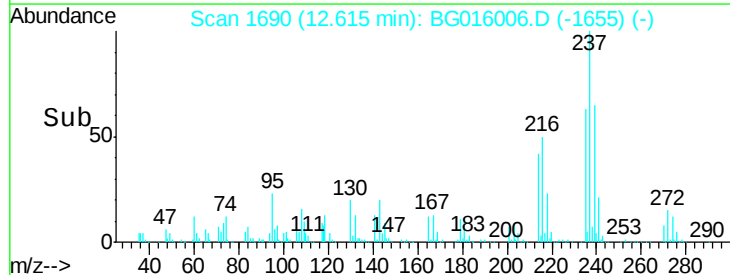
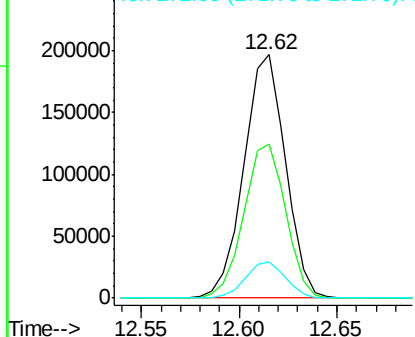


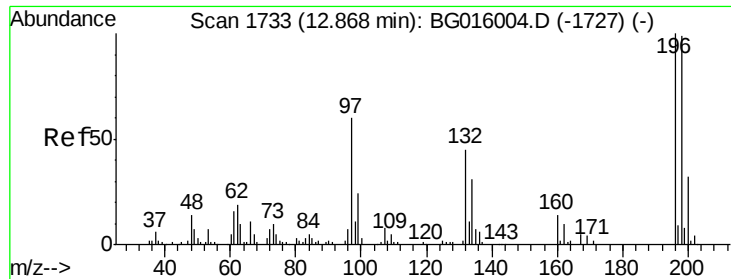
#35  
 Hexachlorocyclopentadiene  
 Concen: 61.75 ng/ul  
 RT: 12.62 min Scan# 1690  
 Delta R.T. 0.01 min  
 Lab File: BG016006.D  
 Acq: 19 Feb 2015 17:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 290105 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 63.2  | 50.7  | 76.1   |
| 272      | 14.7  | 10.0  | 15.0   |



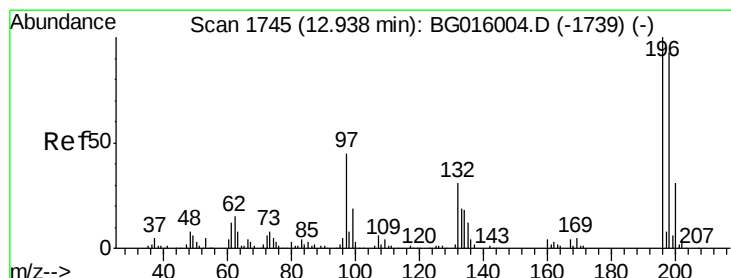
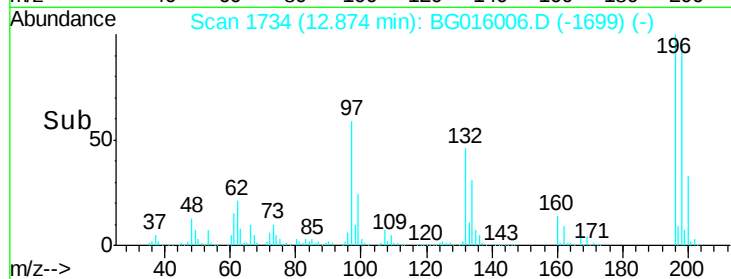
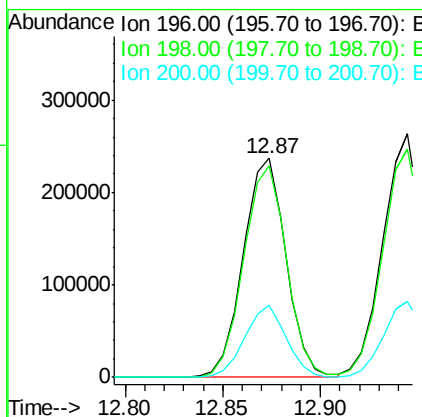
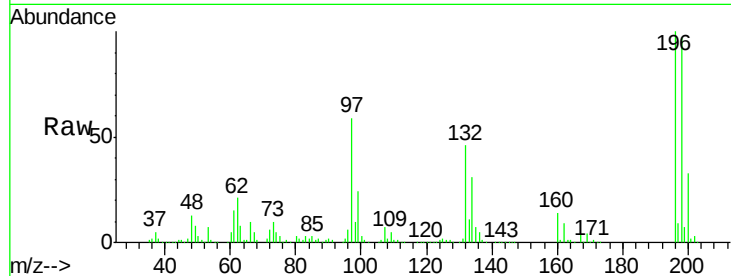
Abundance Ion 237.00 (236.70 to 237.70): E  
 Ion 235.00 (234.70 to 235.70): E  
 Ion 272.00 (271.70 to 272.70): E





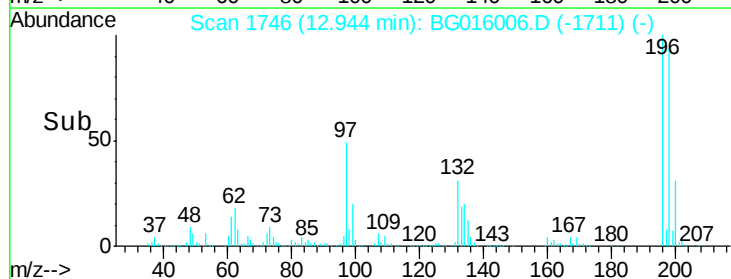
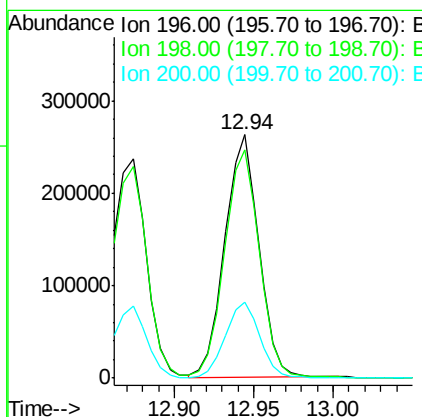
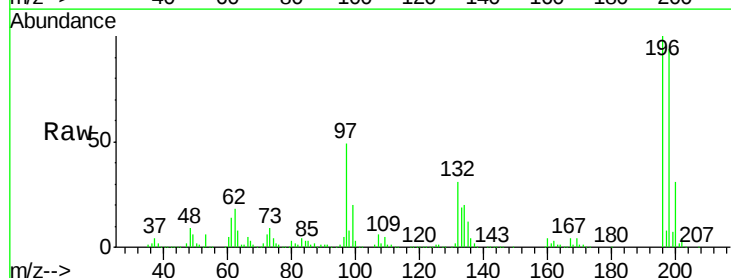
#36  
 2,4,6-Trichlorophenol  
 Concen: 68.88 ng/ul  
 RT: 12.87 min Scan# 1734  
 Delta R.T. 0.01 min  
 Lab File: BG016006.D  
 Acq: 19 Feb 2015 17:40

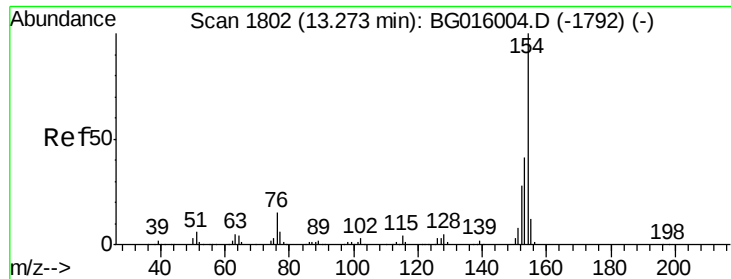
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.7  | 79.0  | 118.6 |
| 200     | 32.8  | 25.8  | 38.8  |



#37  
 2,4,5-Trichlorophenol  
 Concen: 67.07 ng/ul  
 RT: 12.94 min Scan# 1746  
 Delta R.T. 0.01 min  
 Lab File: BG016006.D  
 Acq: 19 Feb 2015 17:40

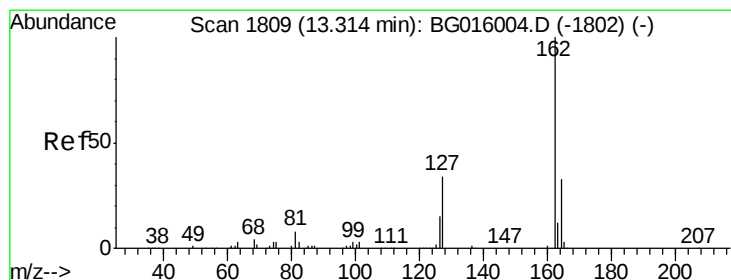
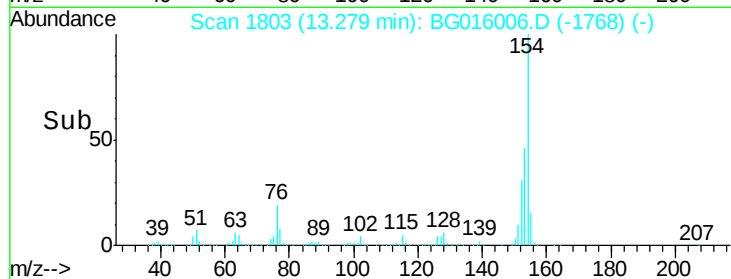
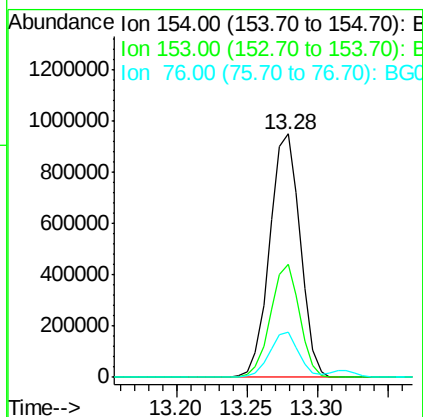
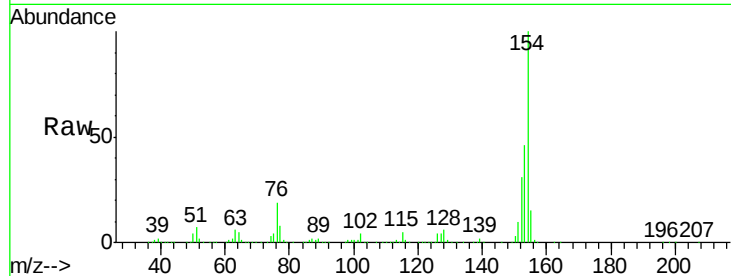
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 93.9  | 74.5  | 111.7 |
| 200     | 31.4  | 24.6  | 37.0  |





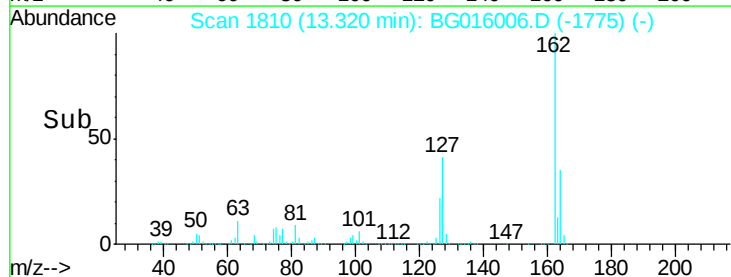
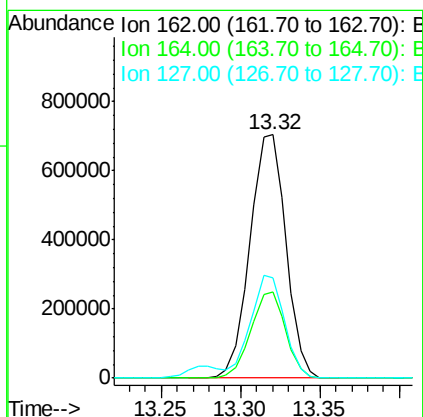
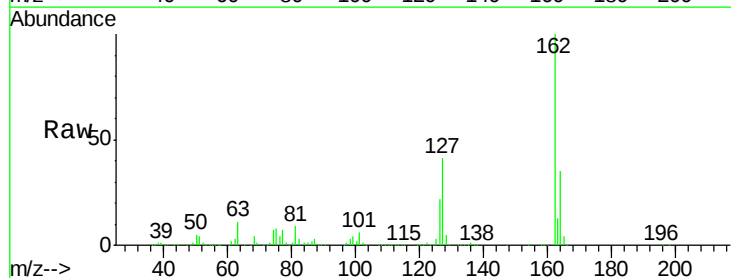
#38  
 1,1'-Biphenyl  
 Concen: 76.86 ng/ul  
 RT: 13.28 min Scan# 1803  
 Delta R.T. 0.01 min  
 Lab File: BG016006.D  
 Acq: 19 Feb 2015 17:40

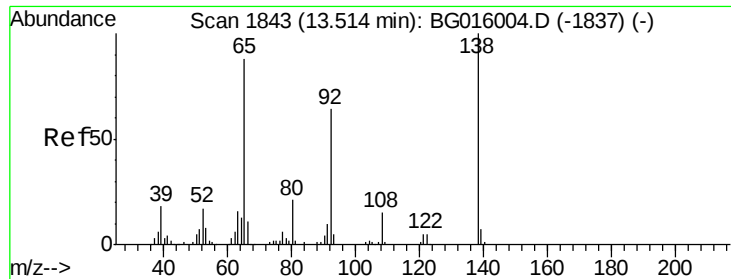
Tgt Ion:154 Resp: 1435899  
 Ion Ratio Lower Upper  
 154 100  
 153 46.3 32.7 49.1  
 76 18.5 12.4 18.6



#39  
 2-Chloronaphthalene  
 Concen: 77.31 ng/ul  
 RT: 13.32 min Scan# 1810  
 Delta R.T. 0.01 min  
 Lab File: BG016006.D  
 Acq: 19 Feb 2015 17:40

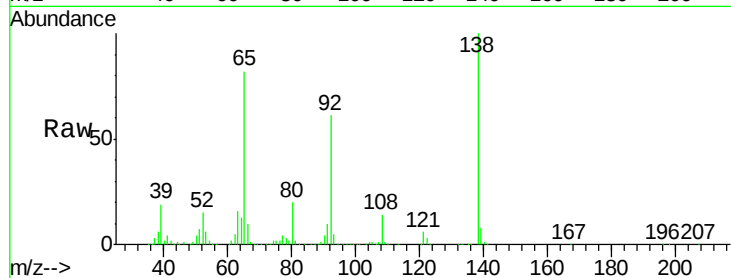
Tgt Ion:162 Resp: 1113172  
 Ion Ratio Lower Upper  
 162 100  
 164 35.3 26.1 39.1  
 127 41.4 30.6 45.8



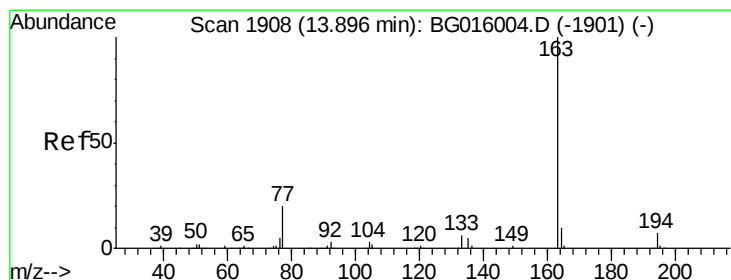
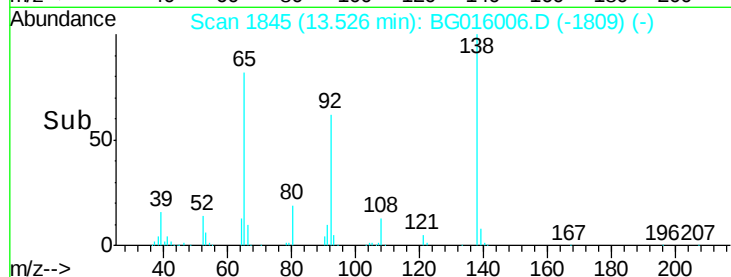
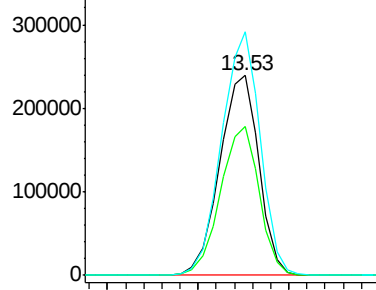


#40  
2-Nitroaniline  
Concen: 71.47 ng/ul  
RT: 13.53 min Scan# 1845  
Delta R.T. 0.01 min  
Lab File: BG016006.D  
Acq: 19 Feb 2015 17:40

Tgt Ion: 65 Resp: 362608  
Ion Ratio Lower Upper  
65 100  
92 74.5 58.4 87.6  
138 121.9 91.0 136.4

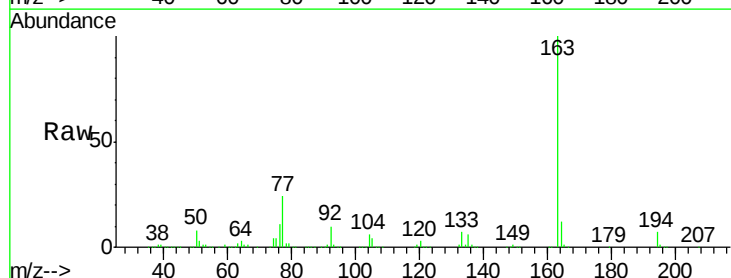


Abundance Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC  
Ion 138.00 (137.70 to 138.70): BGC

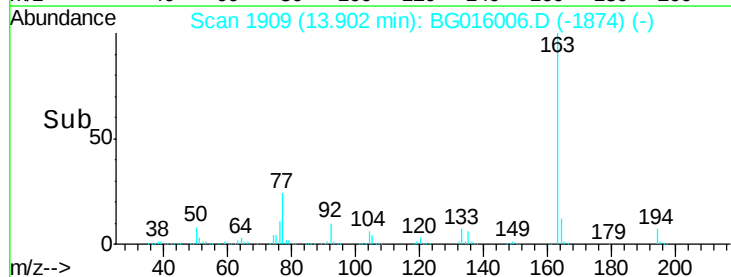
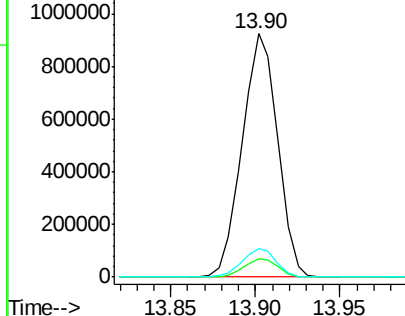


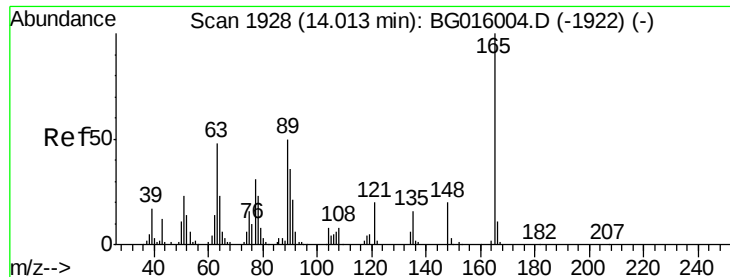
#42  
Dimethylphthalate  
Concen: 72.43 ng/ul  
RT: 13.90 min Scan# 1909  
Delta R.T. 0.01 min  
Lab File: BG016006.D  
Acq: 19 Feb 2015 17:40

Tgt Ion: 163 Resp: 1344081  
Ion Ratio Lower Upper  
163 100  
194 7.4 5.3 7.9  
164 11.5 8.5 12.7



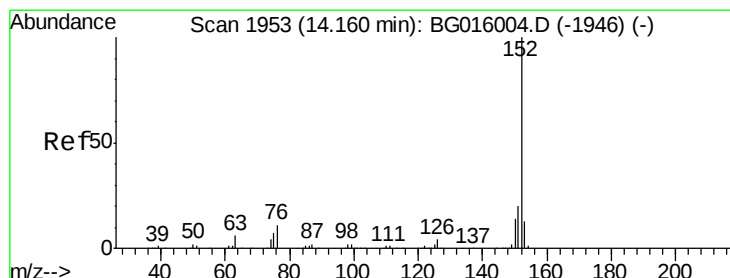
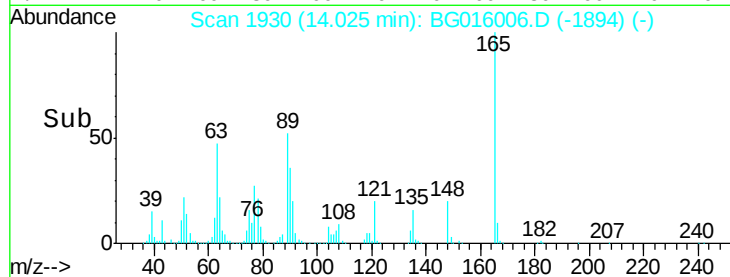
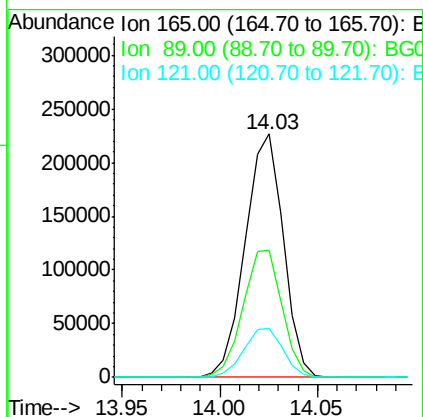
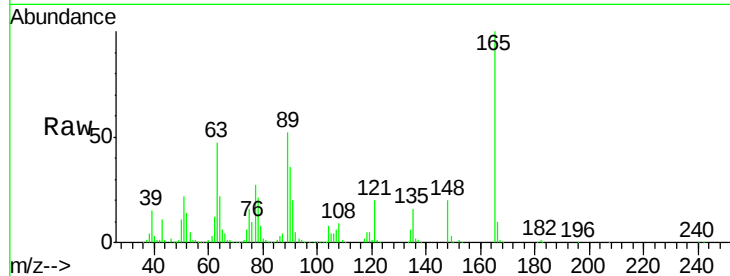
Abundance Ion 163.00 (162.70 to 163.70): BGC  
Ion 194.00 (193.70 to 194.70): BGC  
Ion 164.00 (163.70 to 164.70): BGC





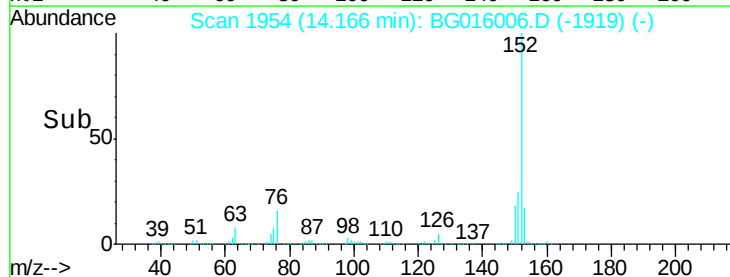
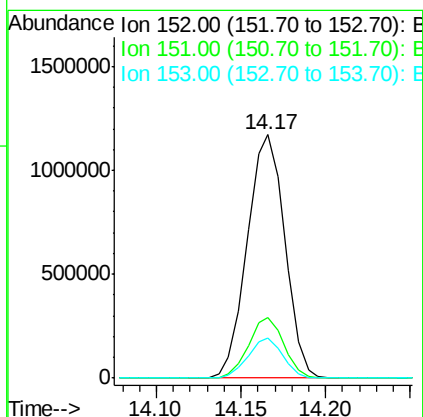
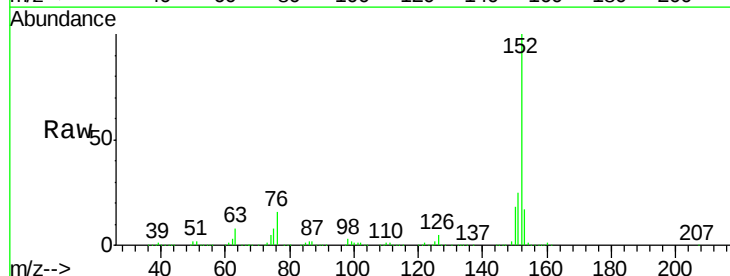
#43  
 2,6-Dinitrotoluene  
 Concen: 79.08 ng/ul  
 RT: 14.03 min Scan# 1930  
 Delta R.T. 0.01 min  
 Lab File: BG016006.D  
 Acq: 19 Feb 2015 17:40

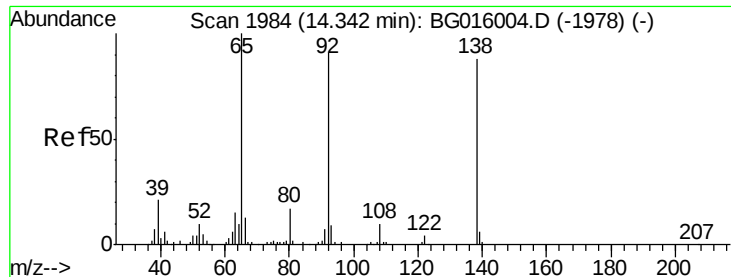
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 89      | 52.0  | 39.8  | 59.8  |
| 121     | 20.2  | 15.8  | 23.6  |



#45  
 Acenaphthylene  
 Concen: 73.87 ng/ul  
 RT: 14.17 min Scan# 1954  
 Delta R.T. 0.01 min  
 Lab File: BG016006.D  
 Acq: 19 Feb 2015 17:40

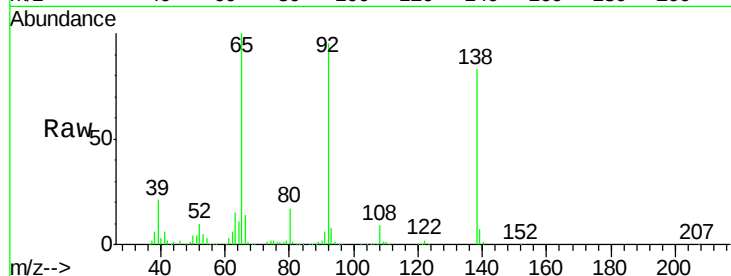
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 25.1  | 16.2  | 24.4# |
| 153     | 16.6  | 10.7  | 16.1# |



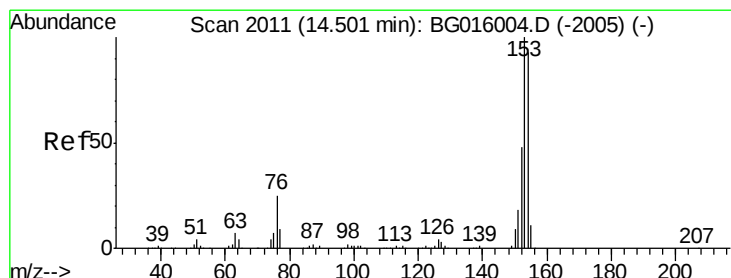
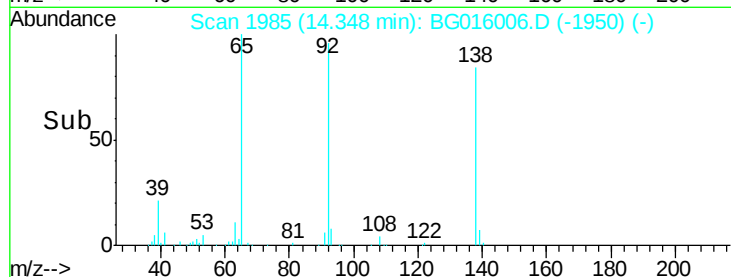
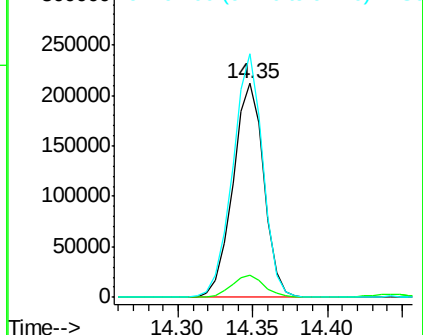


#46  
3-Nitroaniline  
Concen: 82.99 ng/ul  
RT: 14.35 min Scan# 1985  
Delta R.T. 0.01 min  
Lab File: BG016006.D  
Acq: 19 Feb 2015 17:40

Tgt Ion:138 Resp: 306397  
Ion Ratio Lower Upper  
138 100  
108 10.5 9.5 14.3  
92 113.8 82.7 124.1

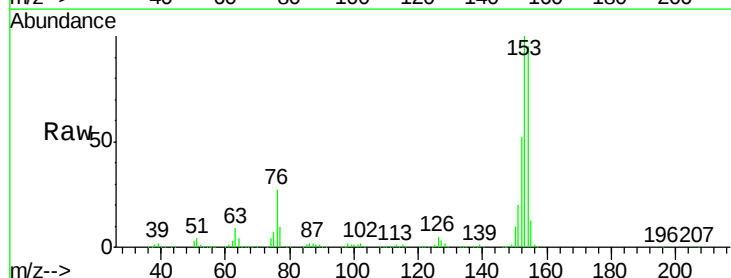


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): B

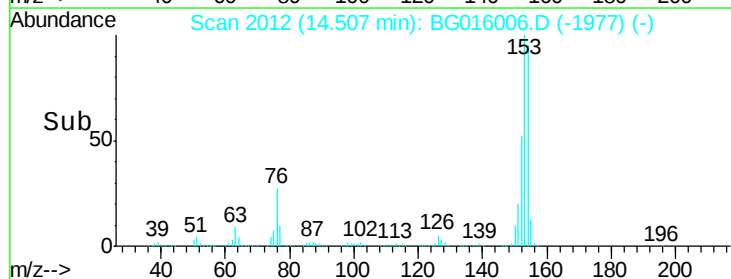
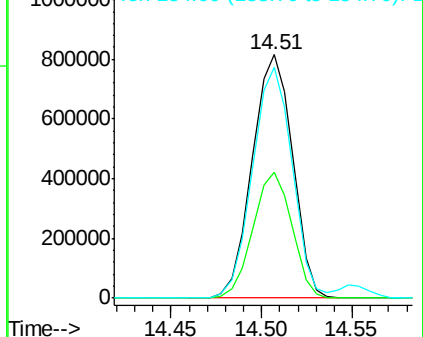


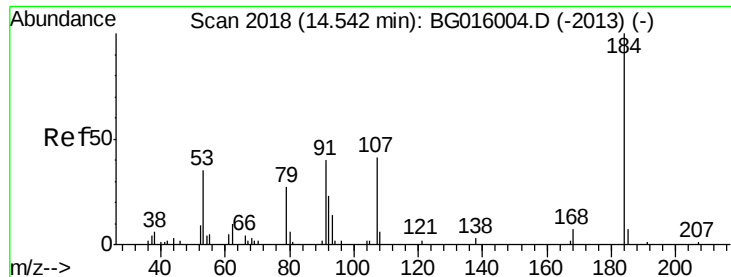
#47  
Acenaphthene  
Concen: 78.85 ng/ul  
RT: 14.51 min Scan# 2012  
Delta R.T. 0.01 min  
Lab File: BG016006.D  
Acq: 19 Feb 2015 17:40

Tgt Ion:153 Resp: 1256664  
Ion Ratio Lower Upper  
153 100  
152 51.7 38.6 58.0  
154 94.8 74.6 111.8



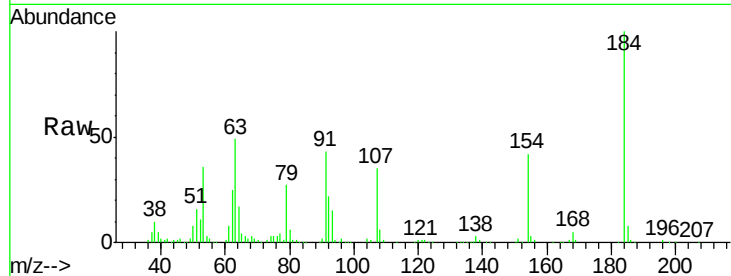
Abundance Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E  
Ion 154.00 (153.70 to 154.70): E



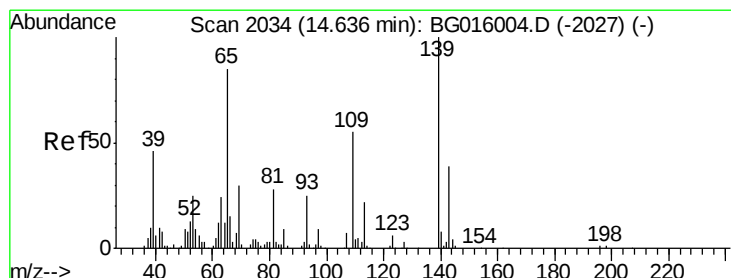
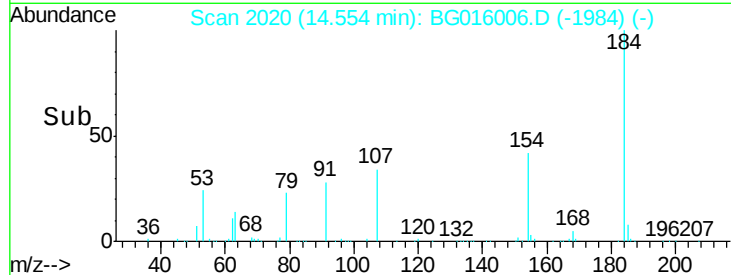
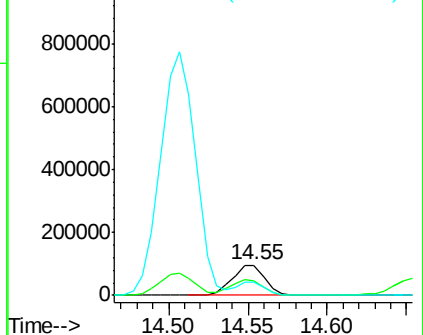


#48  
 2,4-Dinitrophenol  
 Concen: 70.61 ng/ul  
 RT: 14.55 min Scan# 2020  
 Delta R.T. 0.01 min  
 Lab File: BG016006.D  
 Acq: 19 Feb 2015 17:40

Tgt Ion:184 Resp: 137737  
 Ion Ratio Lower Upper  
 184 100  
 63 49.1 41.6 62.4  
 154 42.5 31.7 47.5

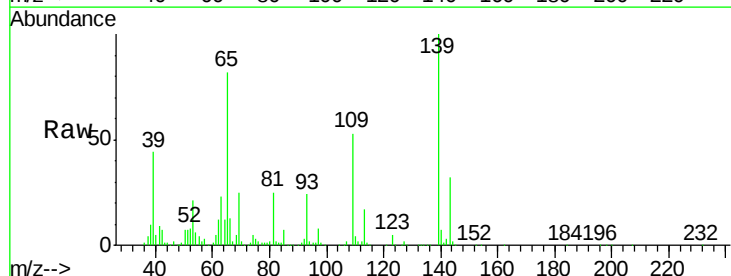


Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BGC  
 Ion 154.00 (153.70 to 154.70): E

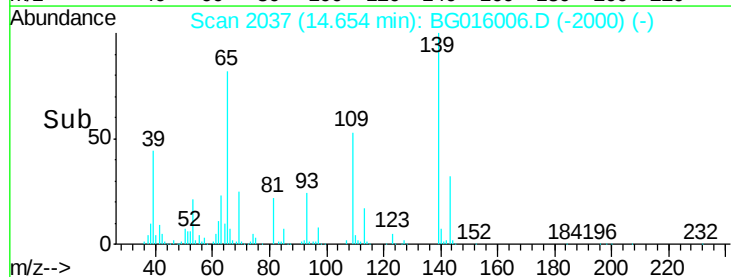
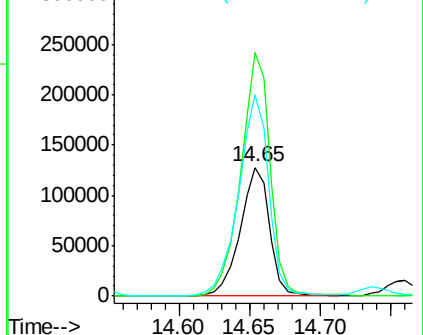


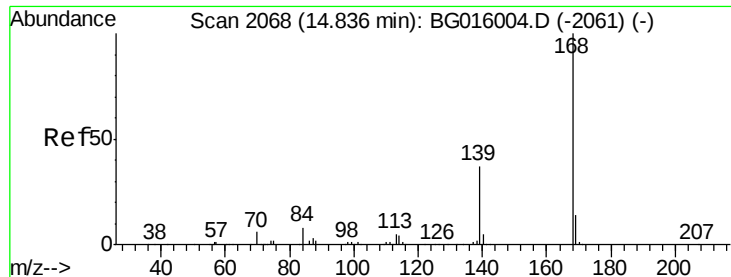
#50  
 4-Nitrophenol  
 Concen: 43.90 ng/ul  
 RT: 14.65 min Scan# 2037  
 Delta R.T. 0.02 min  
 Lab File: BG016006.D  
 Acq: 19 Feb 2015 17:40

Tgt Ion:109 Resp: 185862  
 Ion Ratio Lower Upper  
 109 100  
 139 189.2 146.1 219.1  
 65 156.0 123.5 185.3



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





#51

Dibenzofuran

Concen: 69.38 ng/ul

RT: 14.84 min Scan# 2069

Delta R.T. 0.01 min

Lab File: BG016006.D

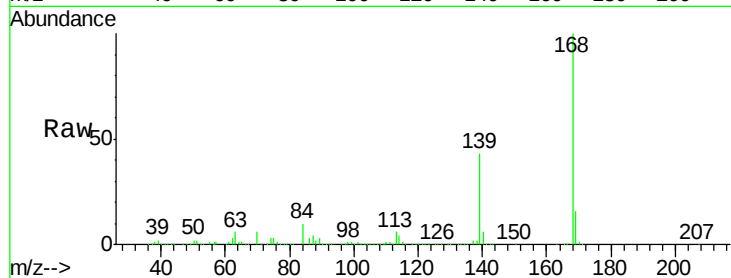
Acq: 19 Feb 2015 17:40

Tgt Ion:168 Resp: 1615990

Ion Ratio Lower Upper

168 100

139 42.9 29.7 44.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

1200000

1000000

800000

600000

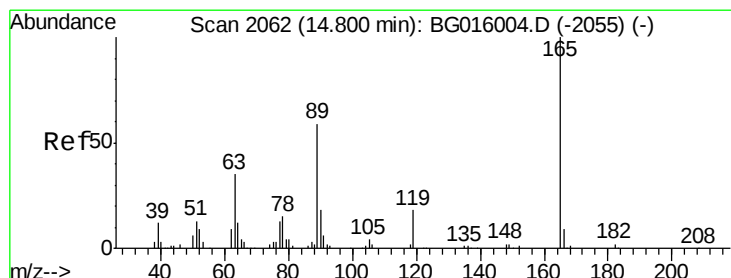
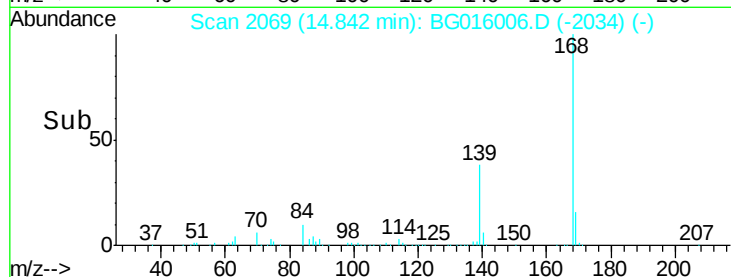
400000

200000

0

14.75 14.80 14.85 14.90

Time-->



#52

2,4-Dinitrotoluene

Concen: 77.21 ng/ul

RT: 14.81 min Scan# 2063

Delta R.T. 0.01 min

Lab File: BG016006.D

Acq: 19 Feb 2015 17:40

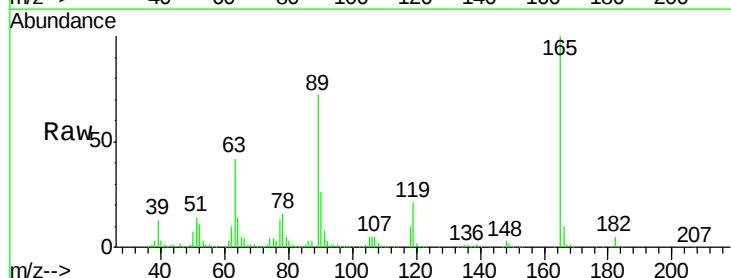
Tgt Ion:165 Resp: 434268

Ion Ratio Lower Upper

165 100

63 41.6 28.0 42.0

182 5.0 4.1 6.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 182.00 (181.70 to 182.70): E

400000

300000

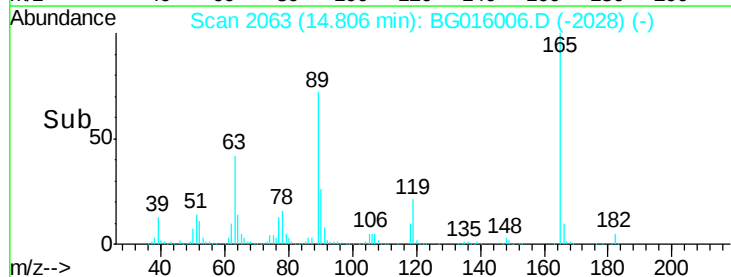
200000

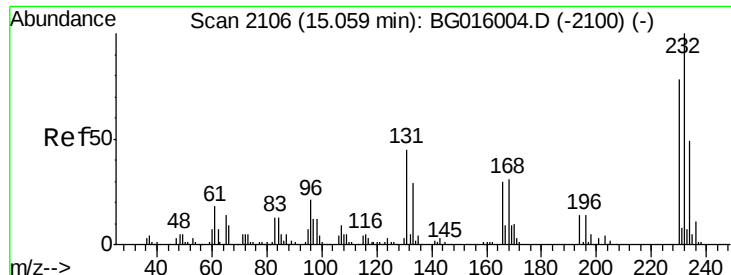
100000

0

14.75 14.80 14.85

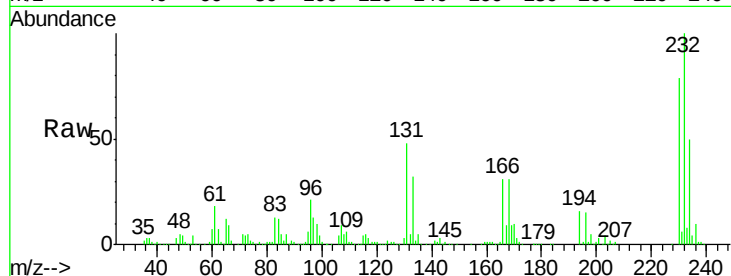
Time-->



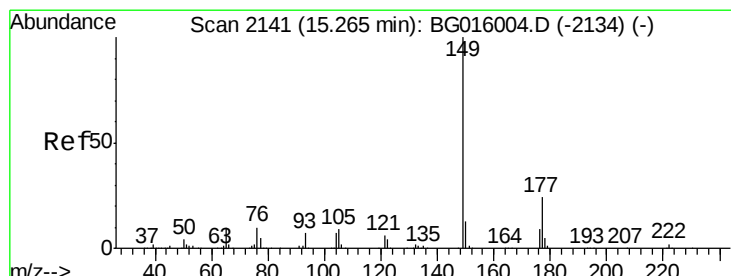
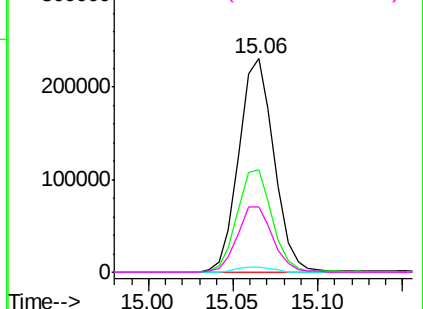
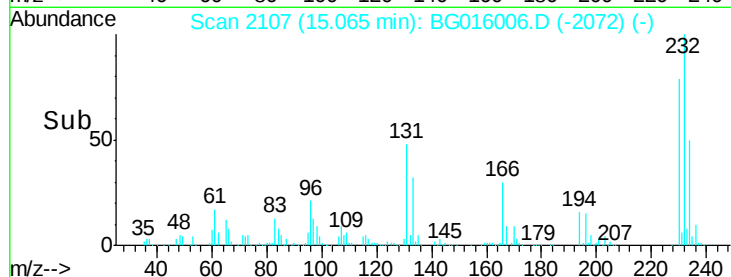


#53  
 2,3,4,6-Tetrachlorophenol  
 Concen: 57.84 ng/ul  
 RT: 15.06 min Scan# 2107  
 Delta R.T. 0.01 min  
 Lab File: BG016006.D  
 Acq: 19 Feb 2015 17:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 232   | Resp: | 336734 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 48.0  | 35.9  | 53.9   |
| 130      | 2.7   | 2.1   | 3.1    |
| 166      | 30.6  | 24.4  | 36.6   |

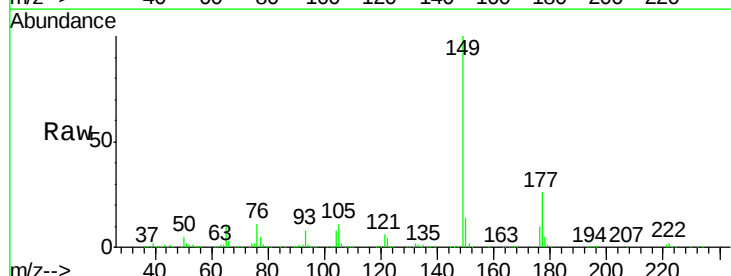


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

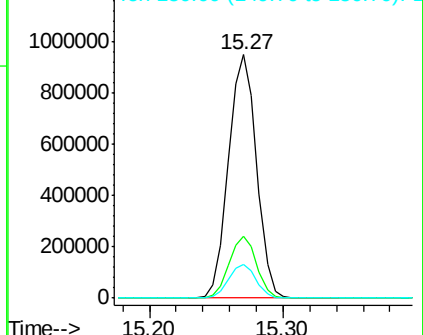
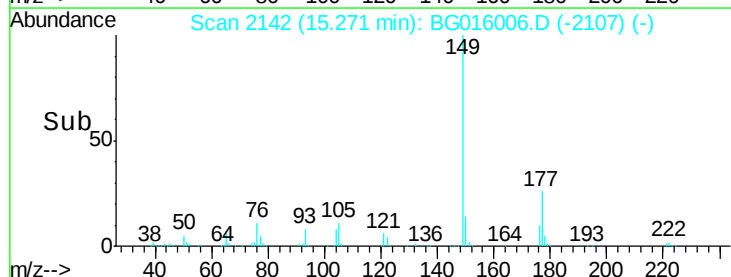


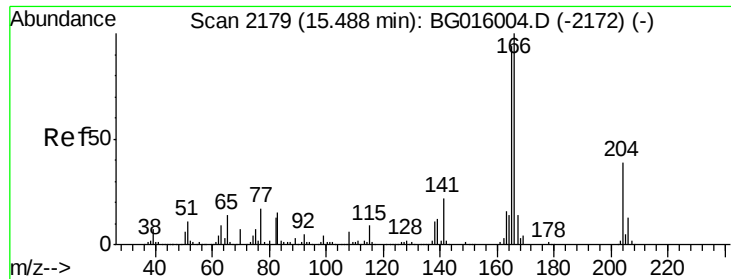
#54  
 Diethylphthalate  
 Concen: 70.61 ng/ul  
 RT: 15.27 min Scan# 2142  
 Delta R.T. 0.01 min  
 Lab File: BG016006.D  
 Acq: 19 Feb 2015 17:40

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 1388031 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 177      | 25.5  | 19.3  | 28.9    |
| 150      | 14.0  | 10.2  | 15.4    |



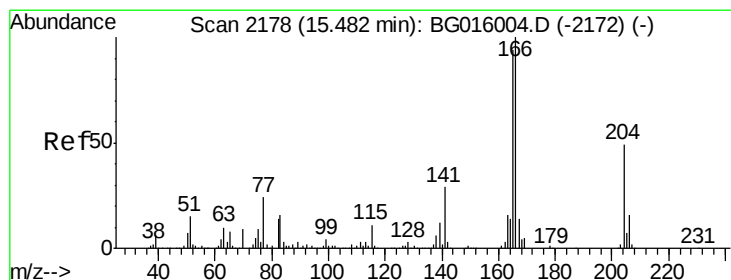
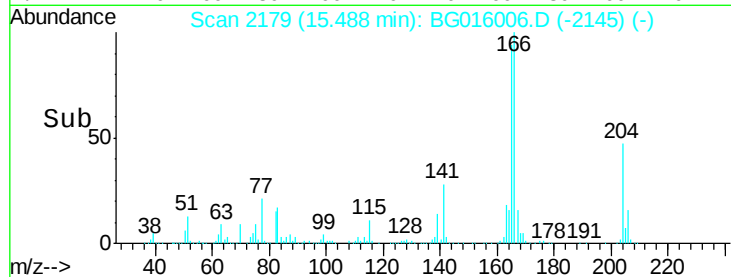
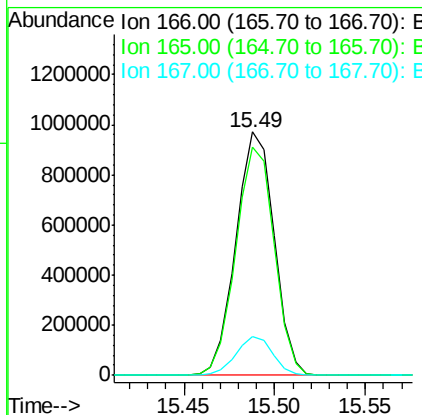
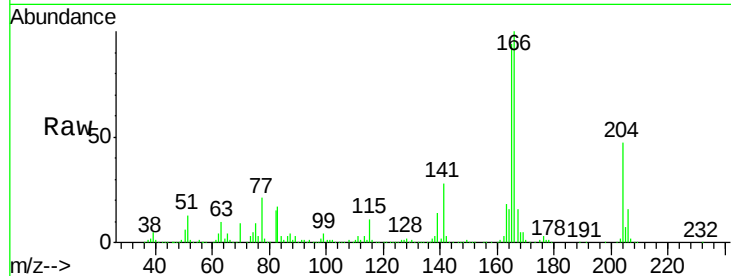
Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 177.00 (176.70 to 177.70): E  
 Ion 150.00 (149.70 to 150.70): E





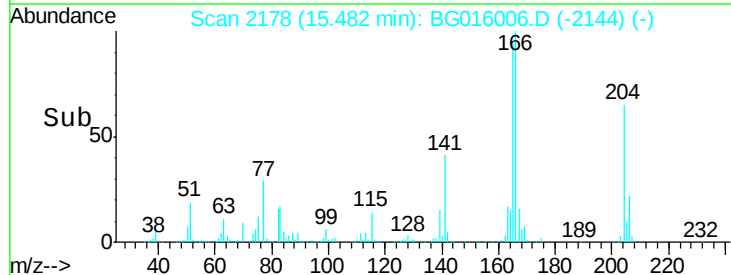
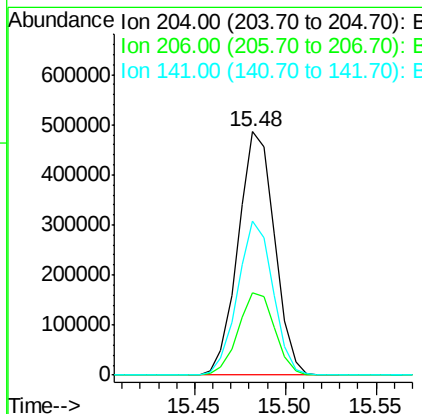
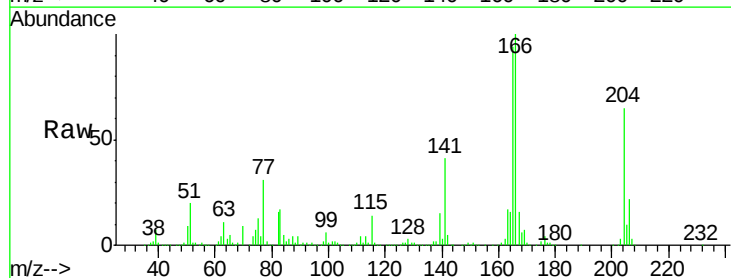
#56  
 Fluorene  
 Concen: 74.88 ng/ul  
 RT: 15.49 min Scan# 2179  
 Delta R.T. 0.00 min  
 Lab File: BG016006.D  
 Acq: 19 Feb 2015 17:40

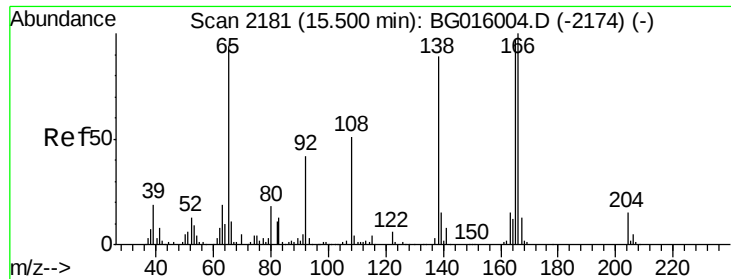
Tgt Ion:166 Resp: 1422878  
 Ion Ratio Lower Upper  
 166 100  
 165 93.6 75.4 113.2  
 167 15.9 11.0 16.4



#57  
 4-Chlorophenyl-phenylether  
 Concen: 59.36 ng/ul  
 RT: 15.48 min Scan# 2178  
 Delta R.T. 0.00 min  
 Lab File: BG016006.D  
 Acq: 19 Feb 2015 17:40

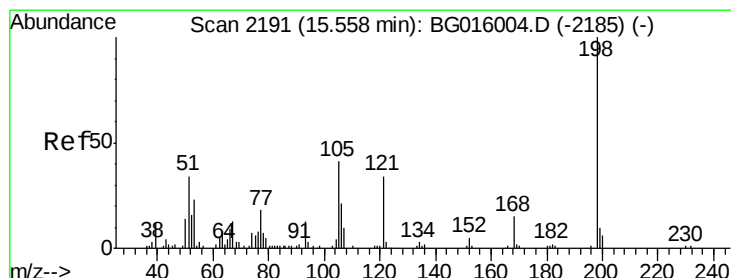
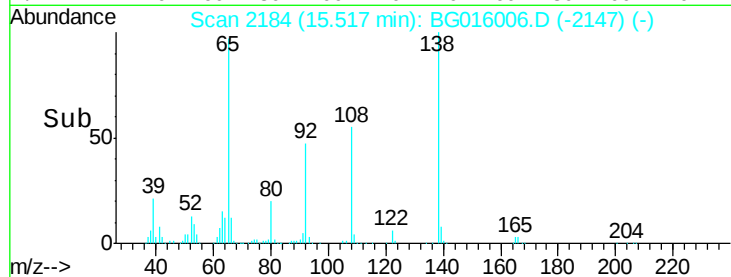
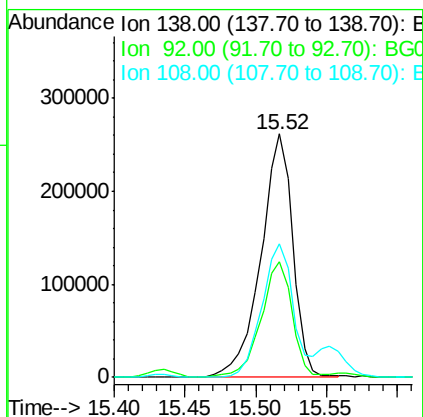
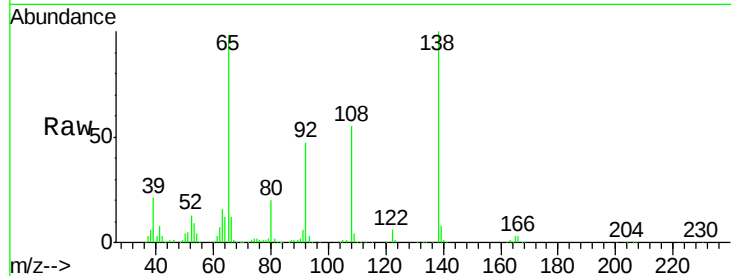
Tgt Ion:204 Resp: 676701  
 Ion Ratio Lower Upper  
 204 100  
 206 33.7 25.8 38.6  
 141 63.2 48.1 72.1





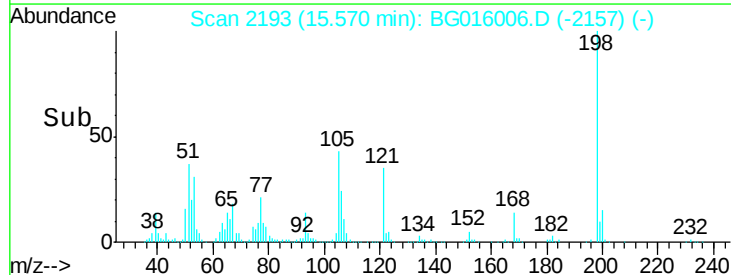
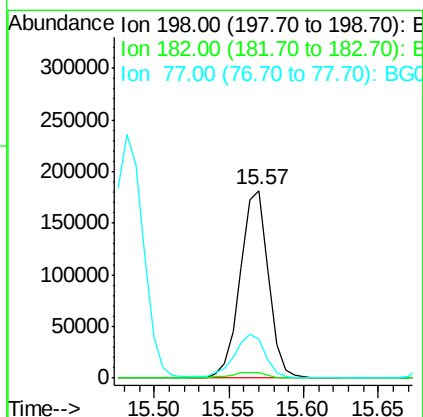
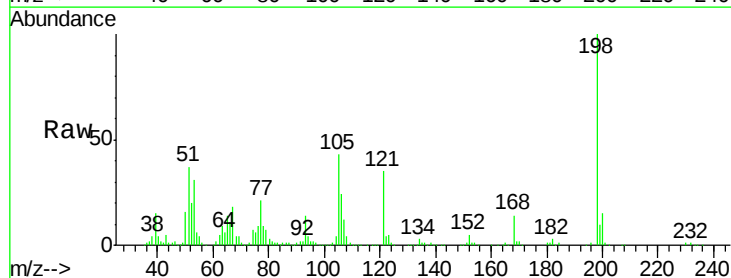
#58  
4-Nitroaniline  
Concen: 90.58 ng/ul  
RT: 15.52 min Scan# 2184  
Delta R.T. 0.02 min  
Lab File: BG016006.D  
Acq: 19 Feb 2015 17:40

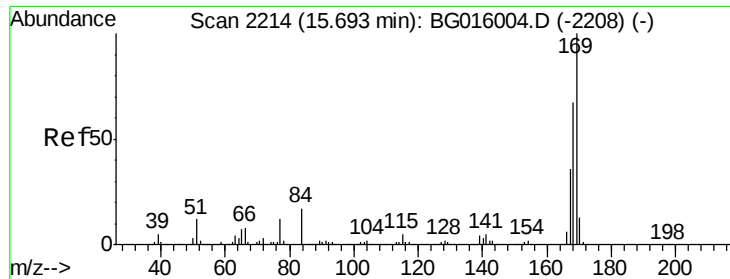
Tgt Ion:138 Resp: 415787  
Ion Ratio Lower Upper  
138 100  
92 47.4 38.1 57.1  
108 55.0 46.4 69.6



#61  
4,6-Dinitro-2-methylphenol  
Concen: 79.08 ng/ul  
RT: 15.57 min Scan# 2193  
Delta R.T. 0.01 min  
Lab File: BG016006.D  
Acq: 19 Feb 2015 17:40

Tgt Ion:198 Resp: 238441  
Ion Ratio Lower Upper  
198 100  
182 2.9 2.0 3.0  
77 20.6 15.8 23.8

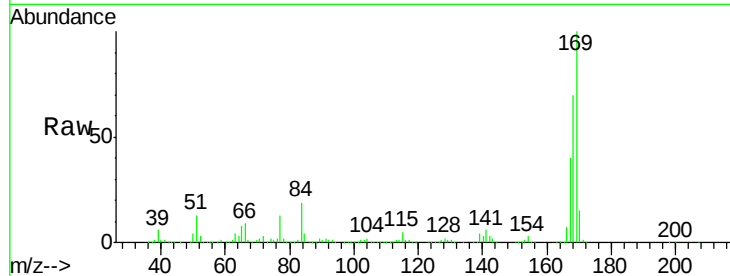




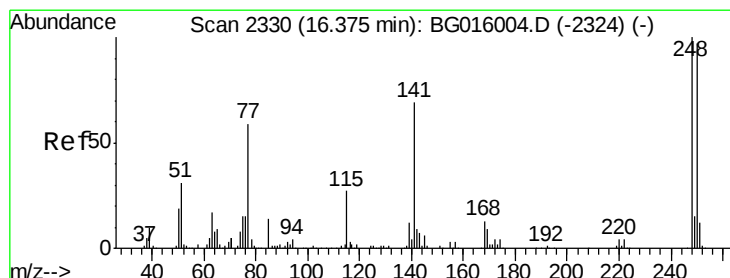
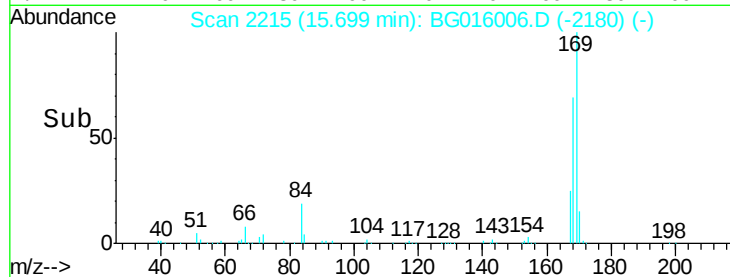
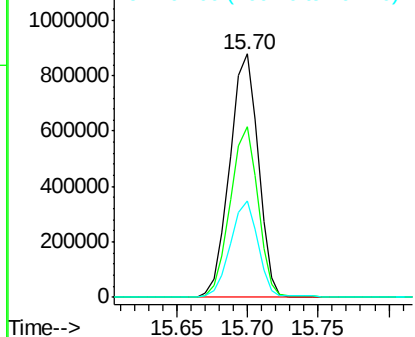
#62

N-Nitrosodiphenylamine  
 Concen: 78.41 ng/ul  
 RT: 15.70 min Scan# 2215  
 Delta R.T. 0.01 min  
 Lab File: BG016006.D  
 Acq: 19 Feb 2015 17:40

Tgt Ion:169 Resp: 1235472  
 Ion Ratio Lower Upper  
 169 100  
 168 70.1 53.8 80.8  
 167 39.8 29.2 43.8



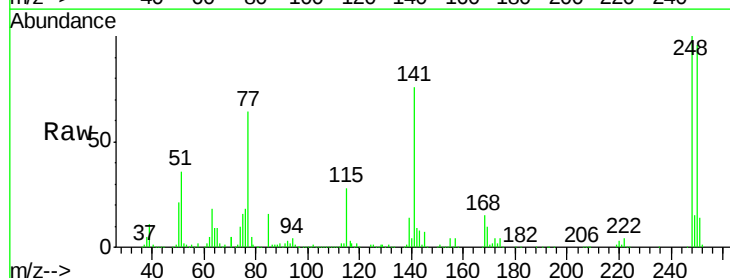
Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E



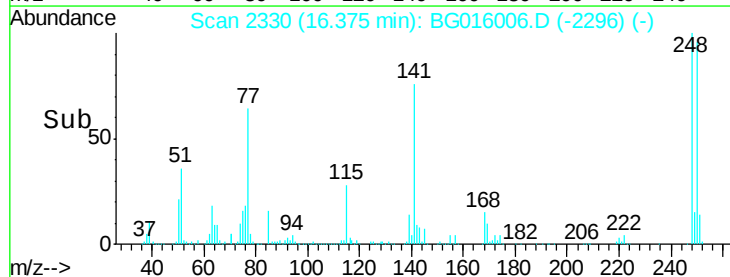
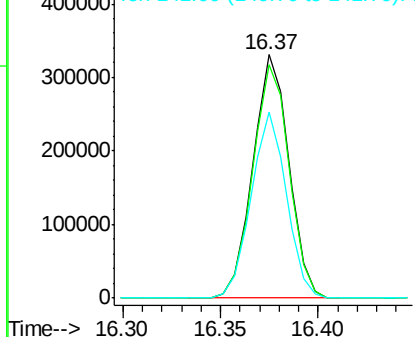
#63

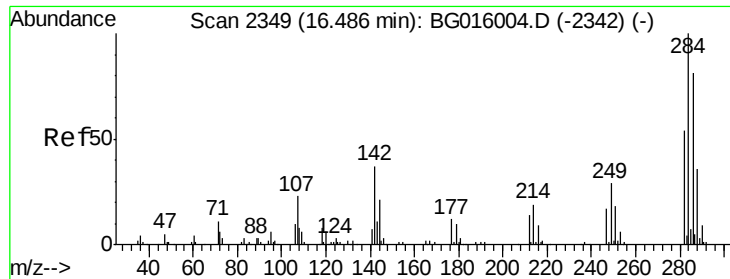
4-Bromophenyl-phenylether  
 Concen: 62.78 ng/ul  
 RT: 16.37 min Scan# 2330  
 Delta R.T. 0.00 min  
 Lab File: BG016006.D  
 Acq: 19 Feb 2015 17:40

Tgt Ion:248 Resp: 422670  
 Ion Ratio Lower Upper  
 248 100  
 250 96.0 77.8 116.6  
 141 76.2 55.0 82.6



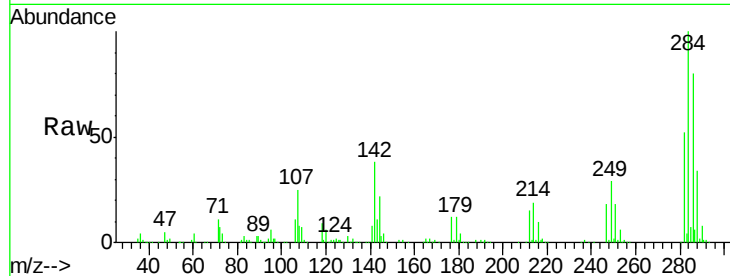
Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E



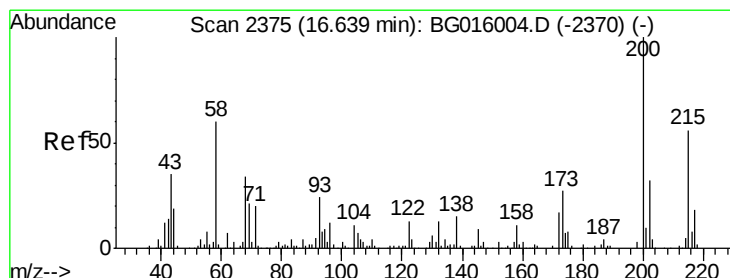
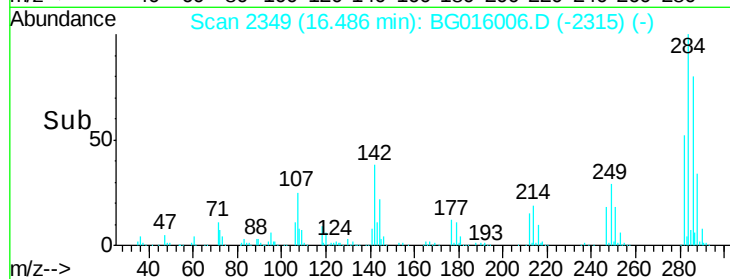
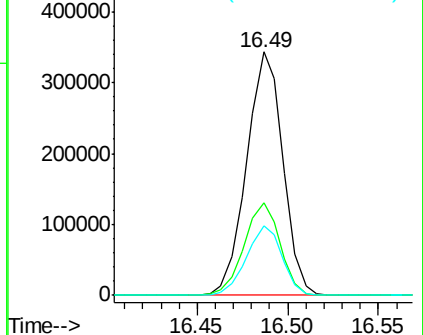


#64  
Hexachlorobenzene  
Concen: 66.60 ng/ul  
RT: 16.49 min Scan# 2349  
Delta R.T. 0.00 min  
Lab File: BG016006.D  
Acq: 19 Feb 2015 17:40

Tgt Ion:284 Resp: 479770  
Ion Ratio Lower Upper  
284 100  
142 38.2 29.6 44.4  
249 28.8 23.0 34.6

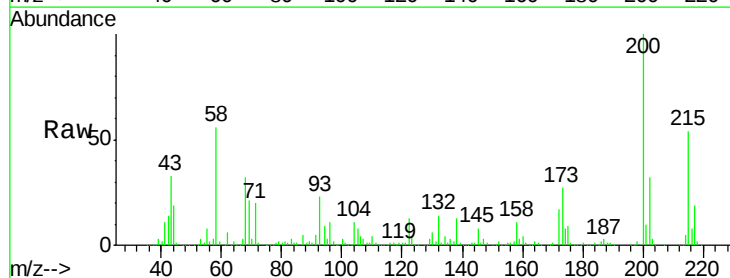


Abundance Ion 284.00 (283.70 to 284.70): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

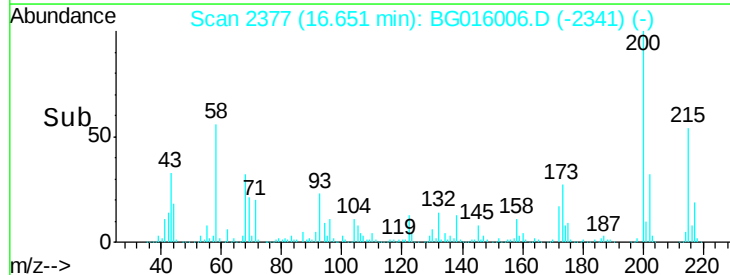
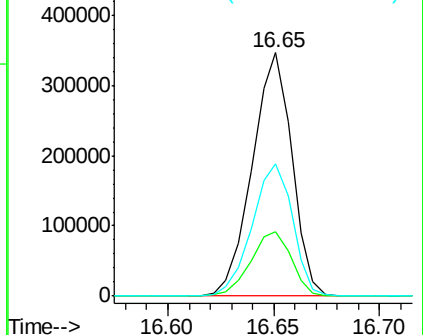


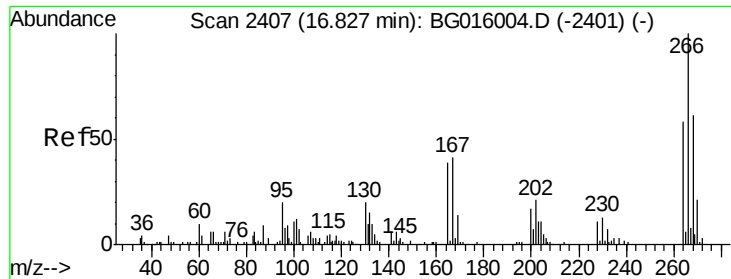
#65  
Atrazine  
Concen: 72.44 ng/ul  
RT: 16.65 min Scan# 2377  
Delta R.T. 0.01 min  
Lab File: BG016006.D  
Acq: 19 Feb 2015 17:40

Tgt Ion:200 Resp: 452487  
Ion Ratio Lower Upper  
200 100  
173 26.5 21.5 32.3  
215 54.4 45.0 67.4



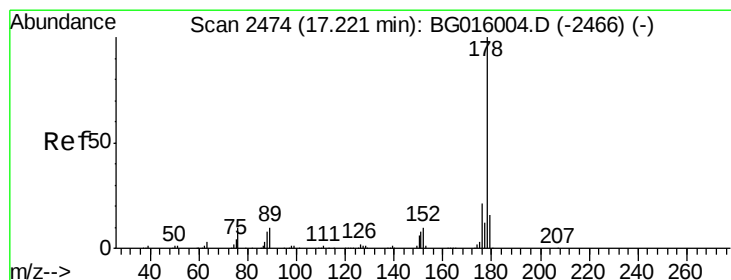
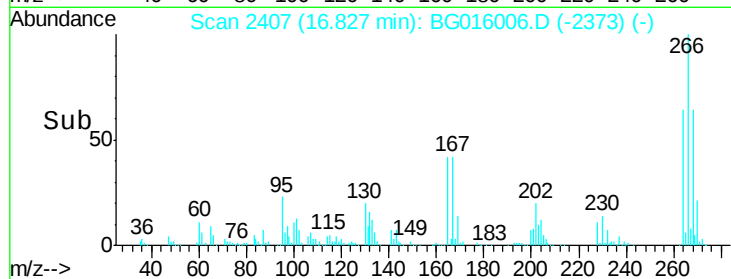
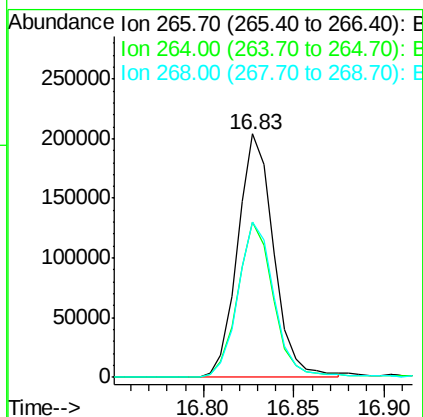
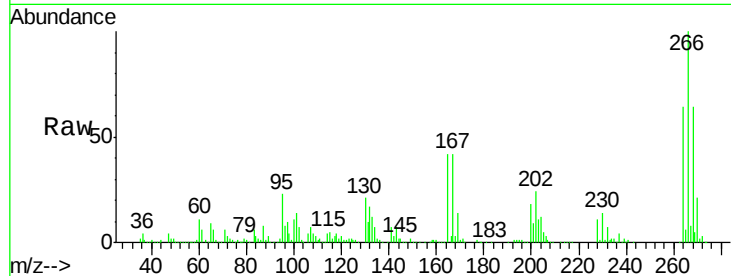
Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E





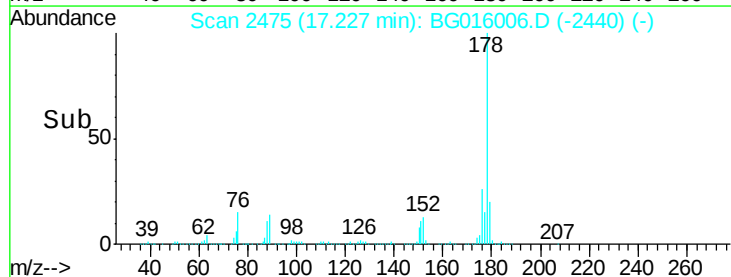
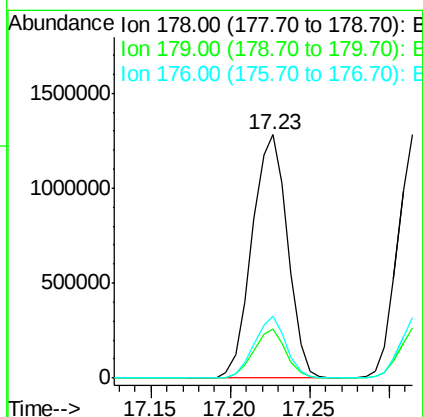
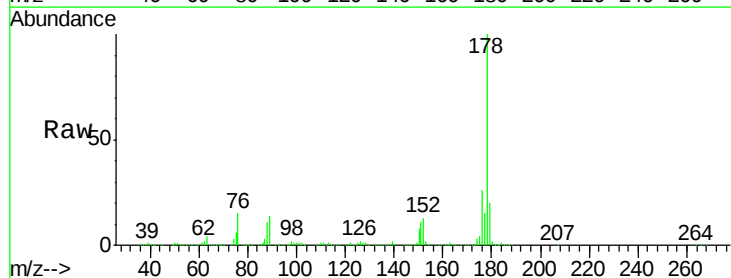
#66  
 Pentachlorophenol  
 Concen: 74.61 ng/ul  
 RT: 16.83 min Scan# 2407  
 Delta R.T. 0.00 min  
 Lab File: BG016006.D  
 Acq: 19 Feb 2015 17:40

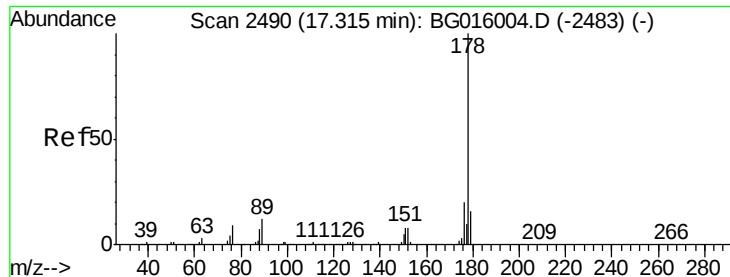
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 63.6  | 46.6  | 70.0  |
| 268     | 63.7  | 49.0  | 73.4  |



#67  
 Phenanthrene  
 Concen: 70.51 ng/ul  
 RT: 17.23 min Scan# 2475  
 Delta R.T. 0.01 min  
 Lab File: BG016006.D  
 Acq: 19 Feb 2015 17:40

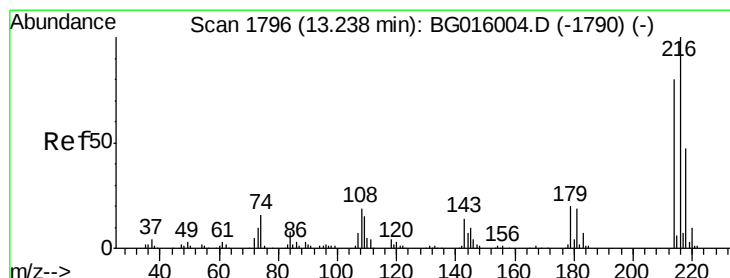
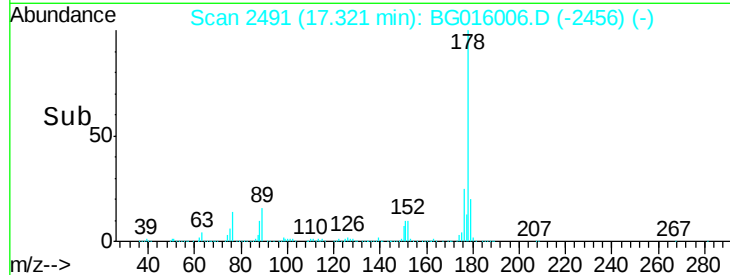
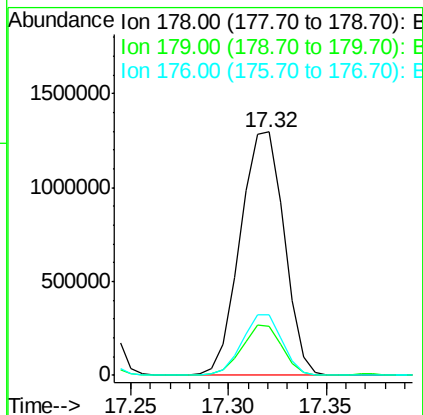
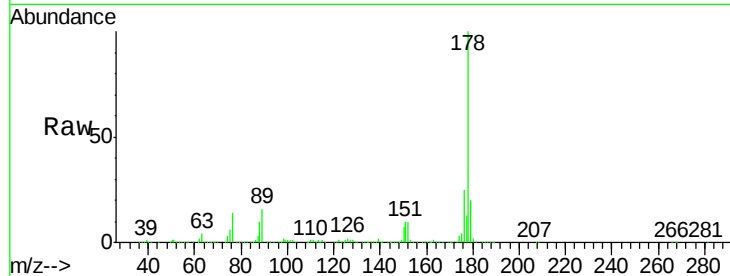
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 20.4  | 12.8  | 19.2# |
| 176     | 25.5  | 16.5  | 24.7# |





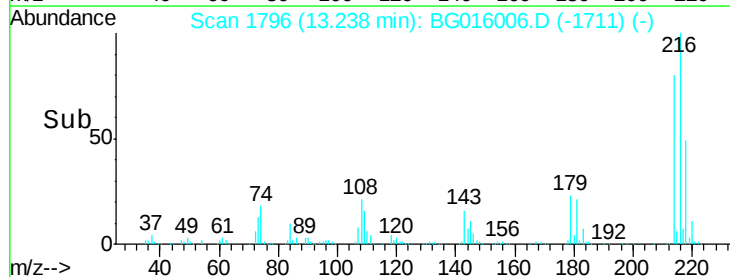
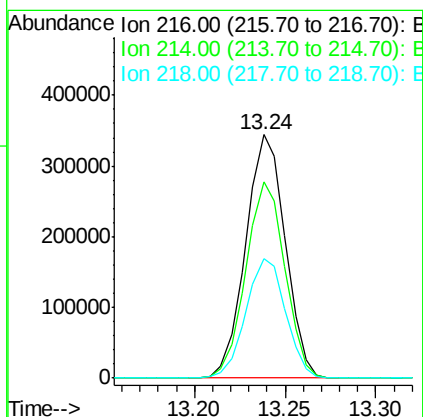
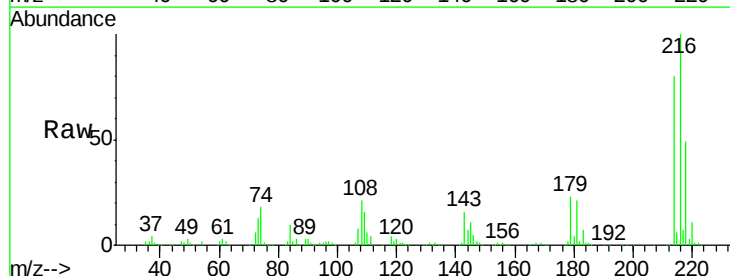
#69  
 Anthracene  
 Concen: 69.40 ng/uL  
 RT: 17.32 min Scan# 2491  
 Delta R.T. 0.01 min  
 Lab File: BG016006.D  
 Acq: 19 Feb 2015 17:40

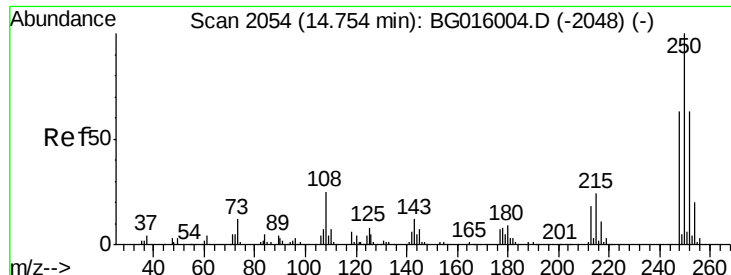
Tgt Ion:178 Resp: 2009595  
 Ion Ratio Lower Upper  
 178 100  
 179 20.1 12.9 19.3#  
 176 24.8 15.7 23.5#



#70  
 1,2,3,4-Tetrachlorobenzene  
 Concen: 68.80 ng/uL  
 RT: 13.24 min Scan# 1796  
 Delta R.T. 0.00 min  
 Lab File: BG016006.D  
 Acq: 19 Feb 2015 17:40

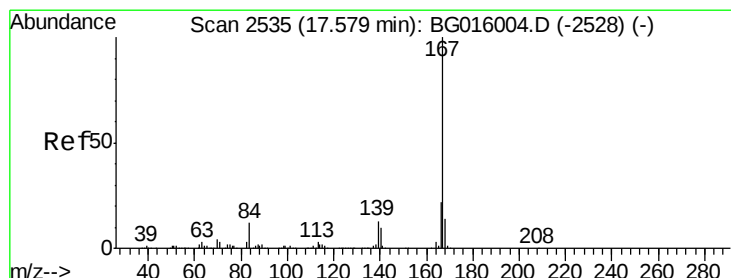
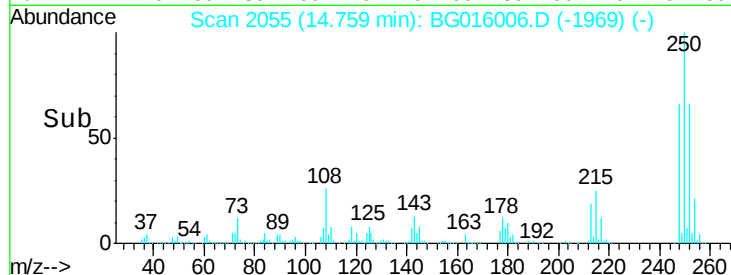
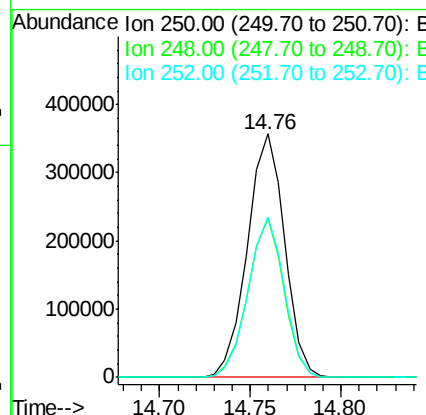
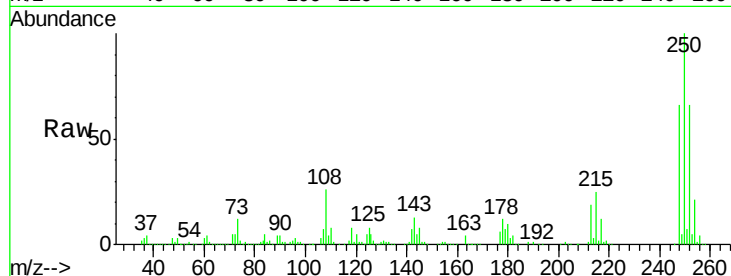
Tgt Ion:216 Resp: 522892  
 Ion Ratio Lower Upper  
 216 100  
 214 80.4 64.5 96.7  
 218 48.8 37.9 56.9





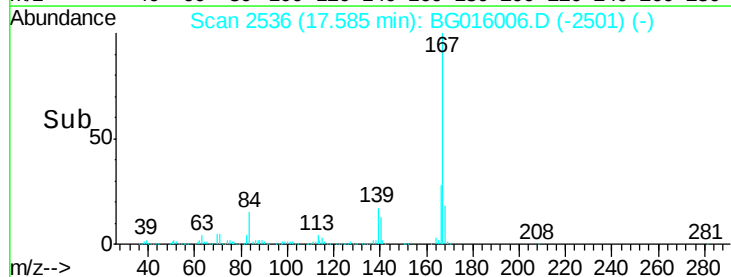
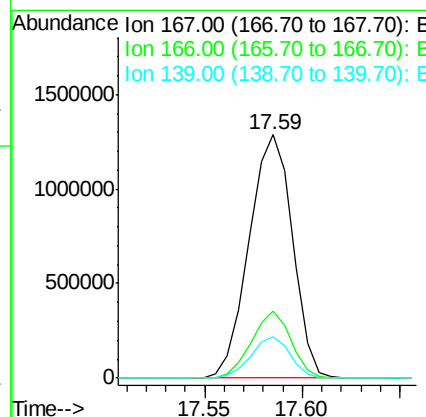
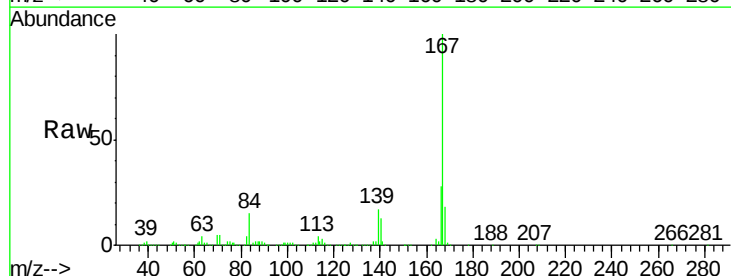
#71  
 Pentachlorobenzene  
 Concen: 64.64 ng/uL  
 RT: 14.76 min Scan# 2055  
 Delta R.T. 0.01 min  
 Lab File: BG016006.D  
 Acq: 19 Feb 2015 17:40

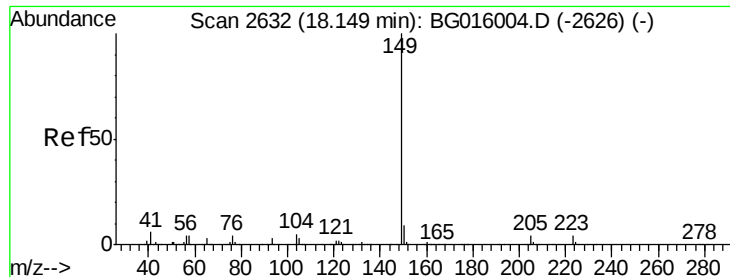
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 250     | 100   |       |       |
| 248     | 65.5  | 50.5  | 75.7  |
| 252     | 65.9  | 50.7  | 76.1  |



#72  
 Carbazole  
 Concen: 74.21 ng/uL  
 RT: 17.59 min Scan# 2536  
 Delta R.T. 0.01 min  
 Lab File: BG016006.D  
 Acq: 19 Feb 2015 17:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 27.5  | 17.5  | 26.3# |
| 139     | 17.0  | 10.7  | 16.1# |





#73

Di-n-butylphthalate

Concen: 71.80 ng/ul

RT: 18.15 min Scan# 2632

Delta R.T. 0.00 min

Lab File: BG016006.D

Acq: 19 Feb 2015 17:40

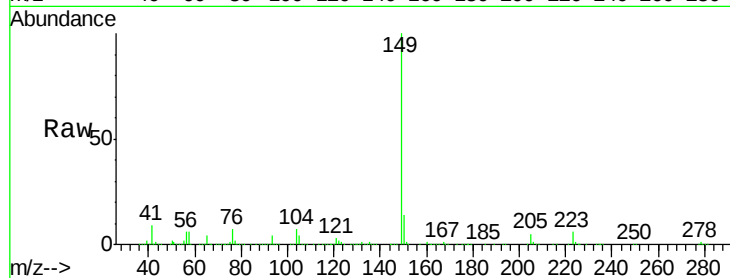
Tgt Ion:149 Resp: 2193377

Ion Ratio Lower Upper

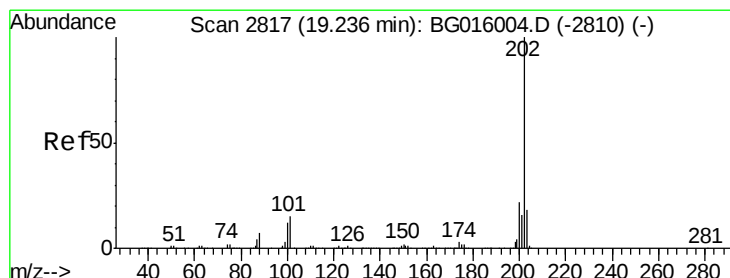
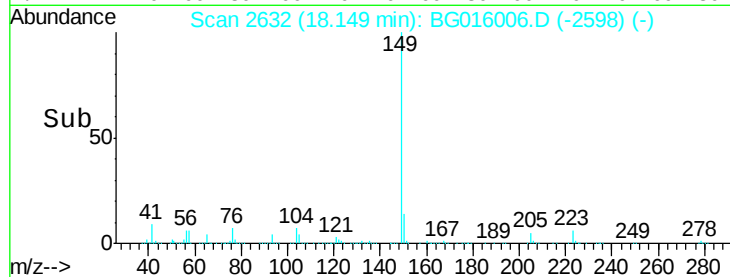
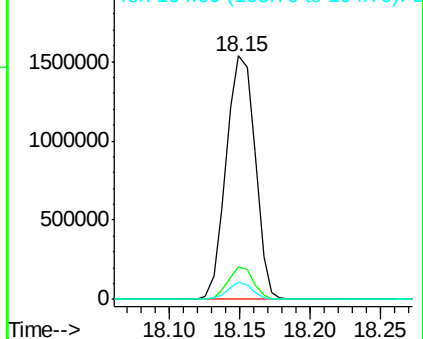
149 100

150 13.5 7.6 11.4#

104 6.9 3.7 5.5#



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



#74

Fluoranthene

Concen: 59.09 ng/ul

RT: 19.24 min Scan# 2817

Delta R.T. 0.00 min

Lab File: BG016006.D

Acq: 19 Feb 2015 17:40

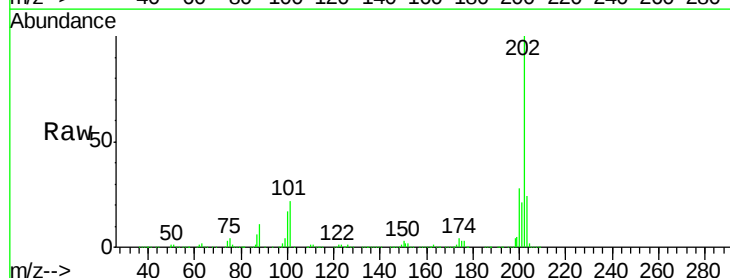
Tgt Ion:202 Resp: 2157182

Ion Ratio Lower Upper

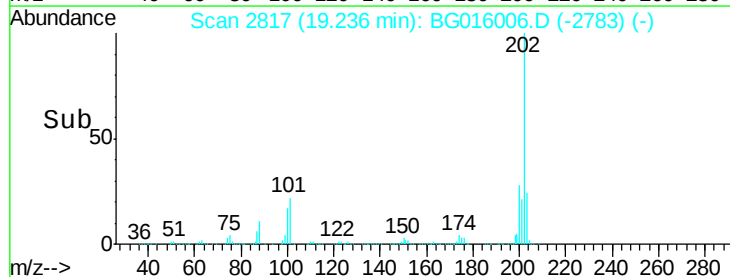
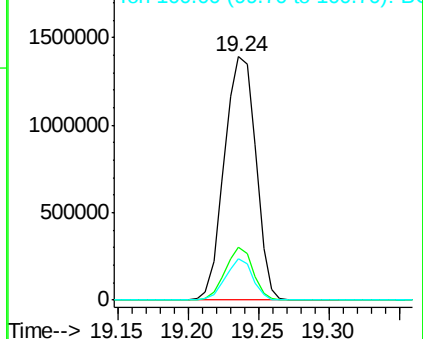
202 100

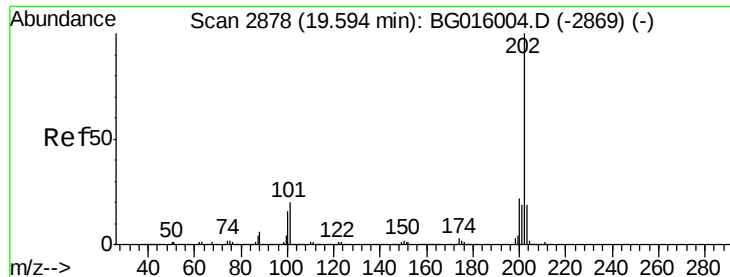
101 21.7 12.3 18.5#

100 16.8 9.8 14.6#



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





#77

Pyrene

Concen: 69.53 ng/ul

RT: 19.61 min Scan# 2880

Delta R.T. 0.01 min

Lab File: BG016006.D

Acq: 19 Feb 2015 17:40

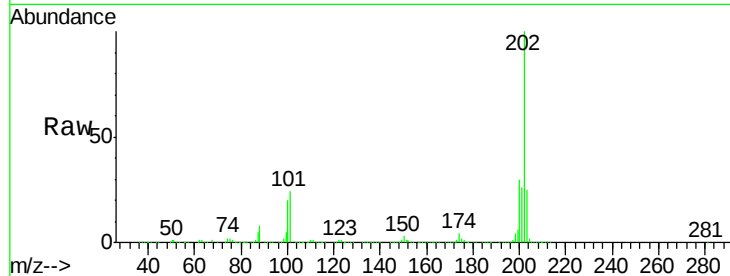
Tgt Ion:202 Resp: 2196351

Ion Ratio Lower Upper

202 100

101 24.5 15.8 23.8#

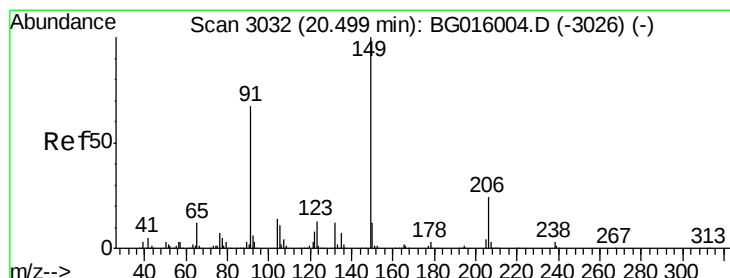
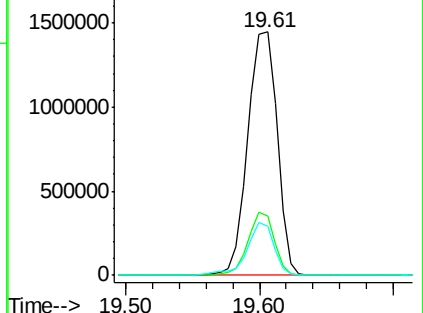
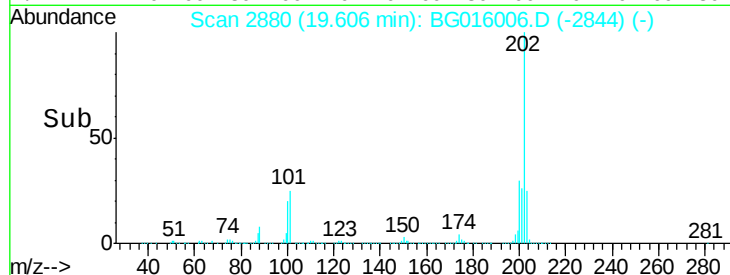
100 20.0 12.7 19.1#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#78

Butylbenzylphthalate

Concen: 94.72 ng/ul

RT: 20.50 min Scan# 3032

Delta R.T. 0.00 min

Lab File: BG016006.D

Acq: 19 Feb 2015 17:40

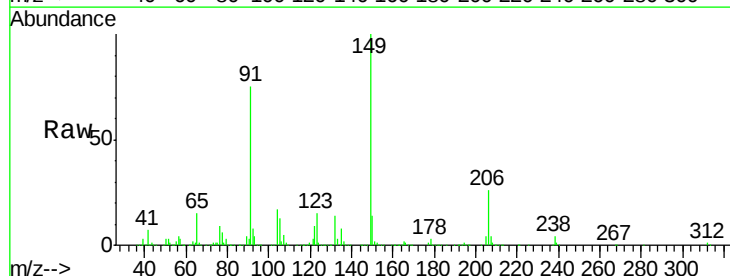
Tgt Ion:149 Resp: 1146588

Ion Ratio Lower Upper

149 100

91 74.6 53.6 80.4

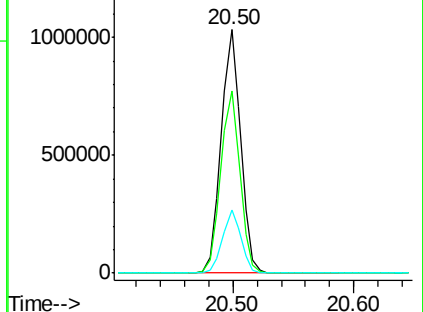
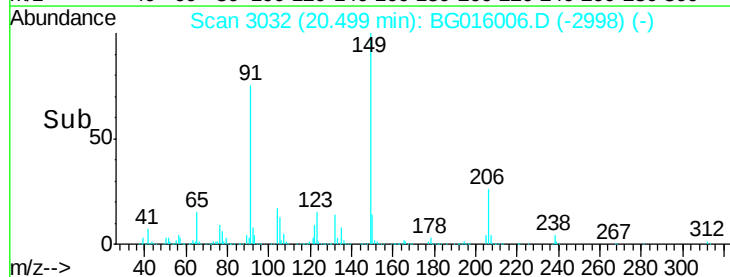
206 25.9 19.1 28.7

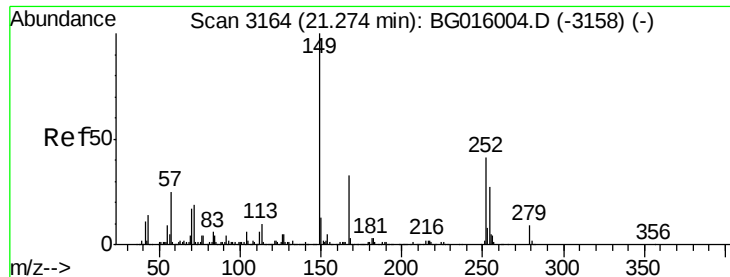


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

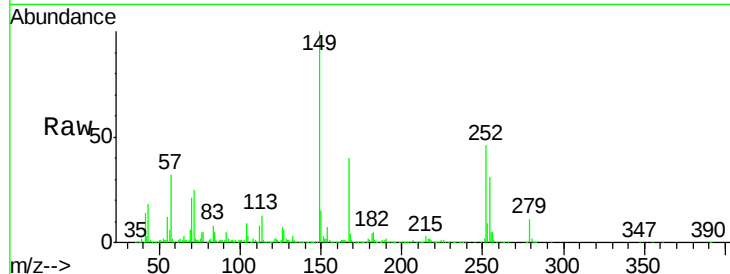
Ion 206.00 (205.70 to 206.70): E



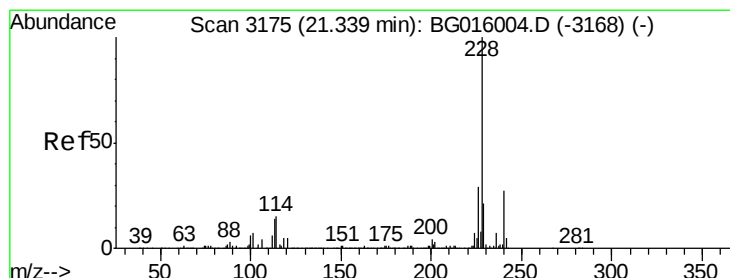
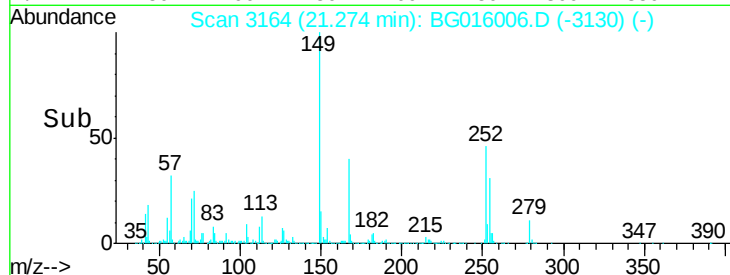
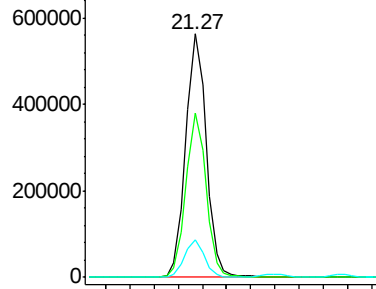


#79  
 3,3'-Dichlorobenzidine  
 Concen: 66.69 ng/ul  
 RT: 21.27 min Scan# 3164  
 Delta R.T. 0.00 min  
 Lab File: BG016006.D  
 Acq: 19 Feb 2015 17:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 67.2  | 52.3  | 78.5  |
| 126     | 15.6  | 10.5  | 15.7  |

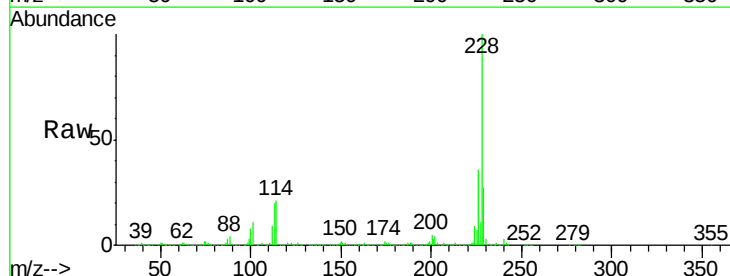


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

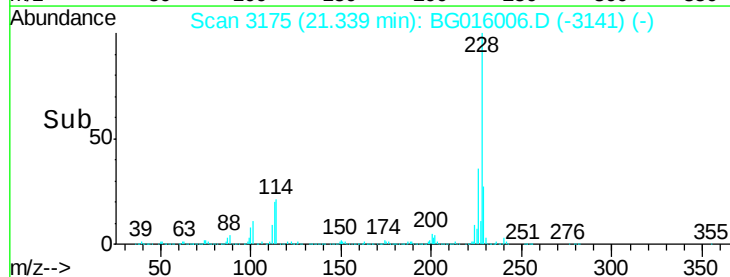
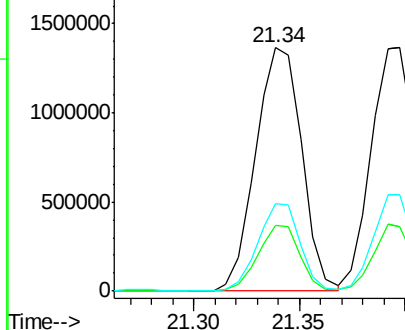


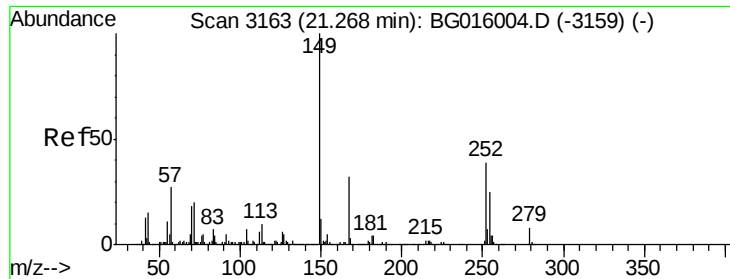
#80  
 Benzo(a)anthracene  
 Concen: 64.18 ng/ul  
 RT: 21.34 min Scan# 3175  
 Delta R.T. 0.00 min  
 Lab File: BG016006.D  
 Acq: 19 Feb 2015 17:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 229     | 27.2  | 16.4  | 24.6# |
| 226     | 35.9  | 22.8  | 34.2# |



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





#81

Bis(2-ethylhexyl)phthalate

Concen: 89.88 ng/ul

RT: 21.27 min Scan# 3164

Delta R.T. 0.01 min

Lab File: BG016006.D

Acq: 19 Feb 2015 17:40

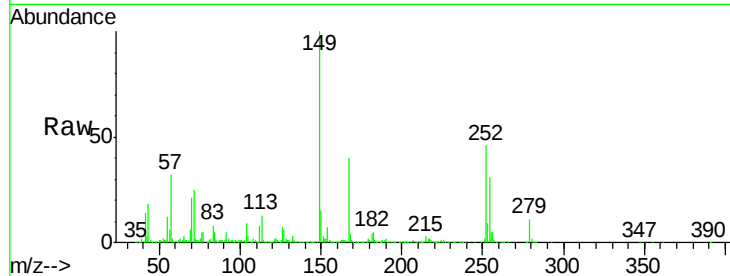
Tgt Ion:149 Resp: 1463739

Ion Ratio Lower Upper

149 100

167 39.7 25.5 38.3#

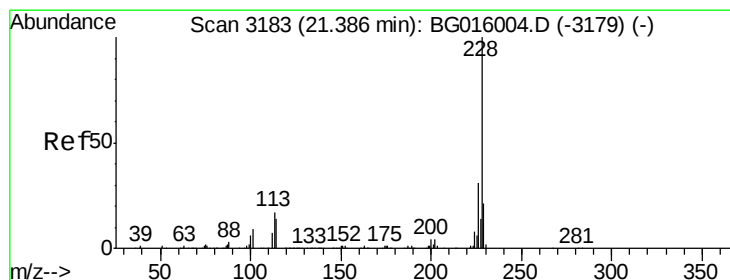
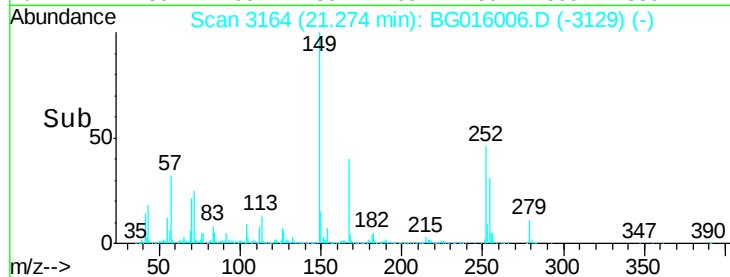
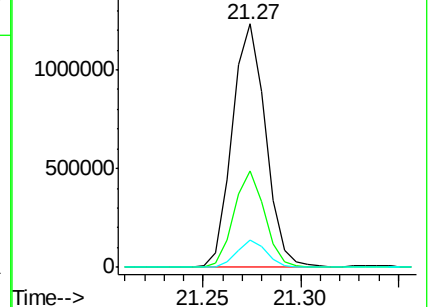
279 11.2 6.0 9.0#



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



#82

Chrysene

Concen: 64.26 ng/ul

RT: 21.40 min Scan# 3185

Delta R.T. 0.01 min

Lab File: BG016006.D

Acq: 19 Feb 2015 17:40

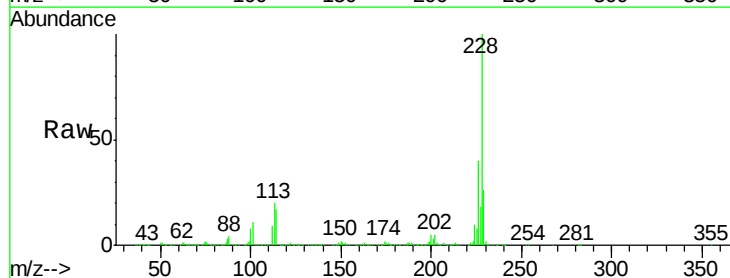
Tgt Ion:228 Resp: 1956191

Ion Ratio Lower Upper

228 100

226 39.7 24.7 37.1#

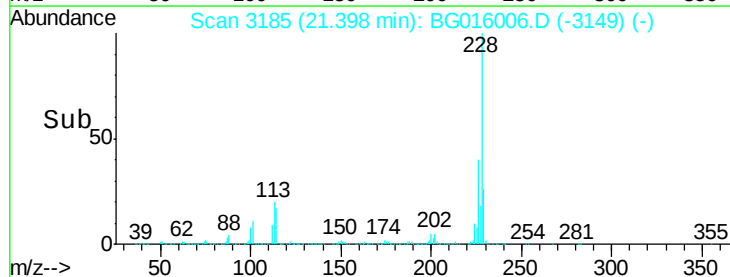
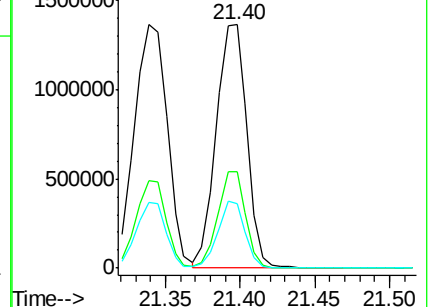
229 26.5 17.0 25.6#

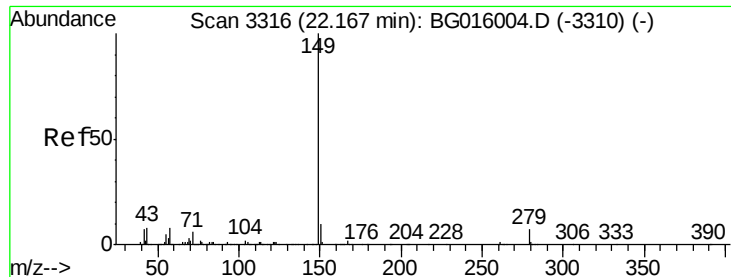


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

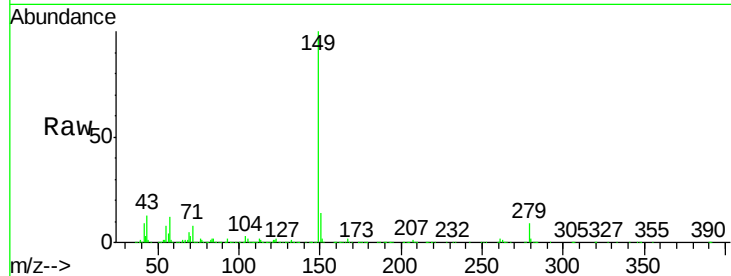




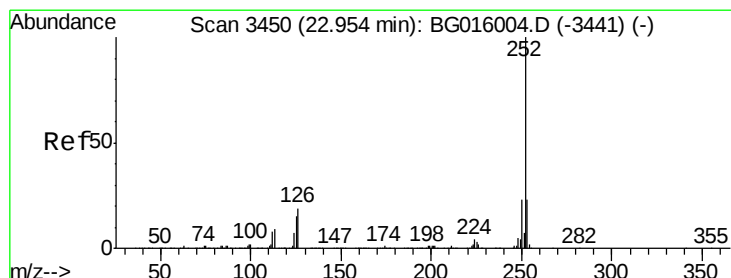
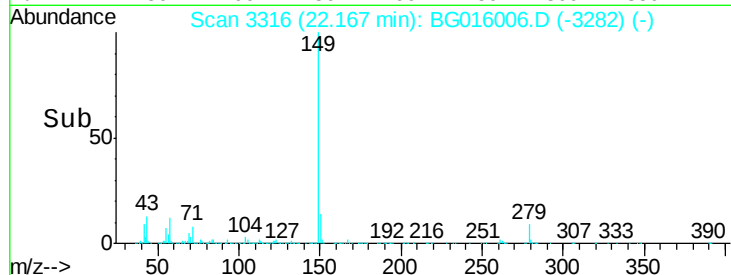
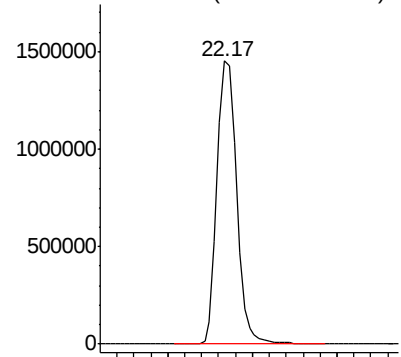
#84

Di-n-octyl phthalate  
Concen: 85.00 ng/ul  
RT: 22.17 min Scan# 3316  
Delta R.T. 0.00 min  
Lab File: BG016006.D  
Acq: 19 Feb 2015 17:40

Tgt Ion:149 Resp: 2334177



Abundance Ion 149.00 (148.70 to 149.70): E

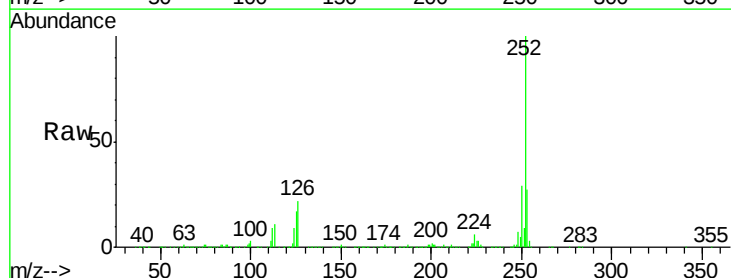


#85

Benzo(b)fluoranthene  
Concen: 67.70 ng/ul  
RT: 22.97 min Scan# 3452  
Delta R.T. 0.01 min  
Lab File: BG016006.D  
Acq: 19 Feb 2015 17:40

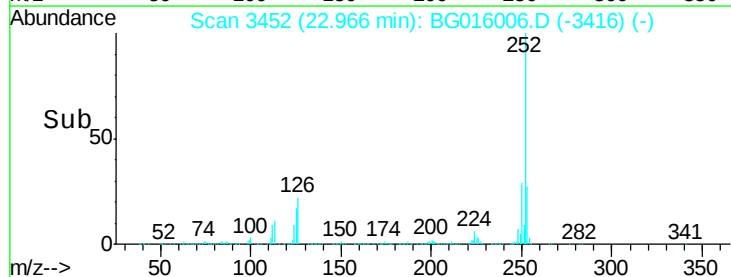
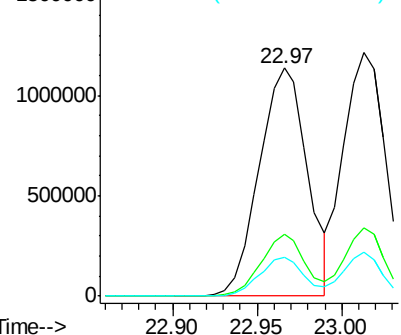
Tgt Ion:252 Resp: 2246920

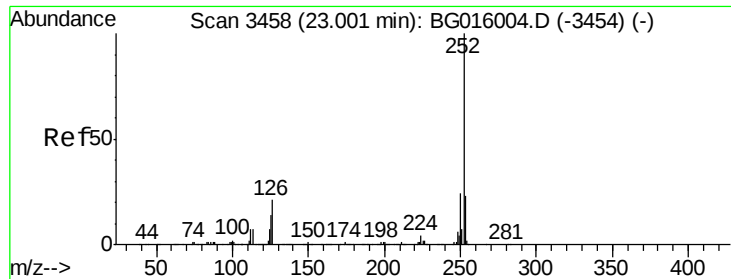
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 27.1  | 18.2  | 27.2  |
| 125 | 17.3  | 11.9  | 17.9  |



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 66.83 ng/ul

RT: 23.01 min Scan# 3460

Delta R.T. 0.01 min

Lab File: BG016006.D

Acq: 19 Feb 2015 17:40

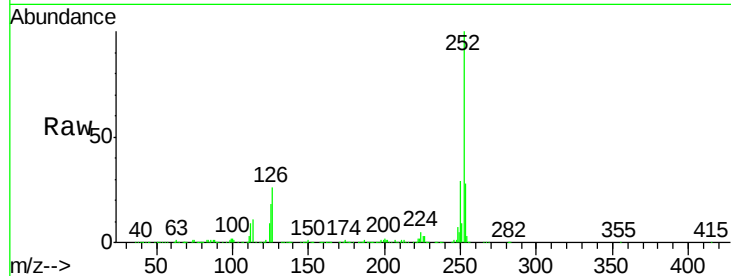
Tgt Ion:252 Resp: 2116302

Ion Ratio Lower Upper

252 100

253 28.1 18.2 27.2#

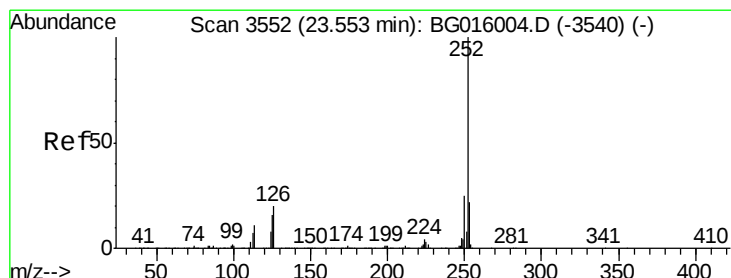
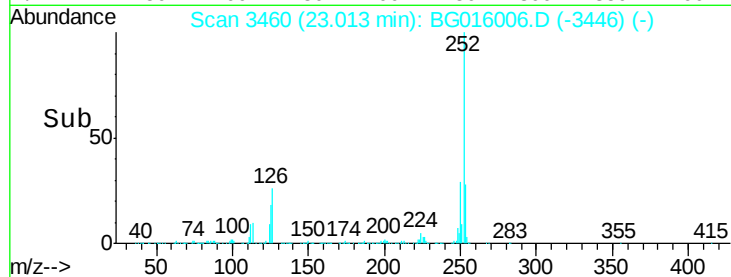
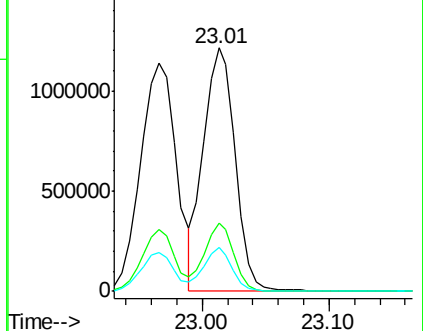
125 17.9 11.4 17.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(a)pyrene

Concen: 69.46 ng/ul

RT: 23.57 min Scan# 3554

Delta R.T. 0.01 min

Lab File: BG016006.D

Acq: 19 Feb 2015 17:40

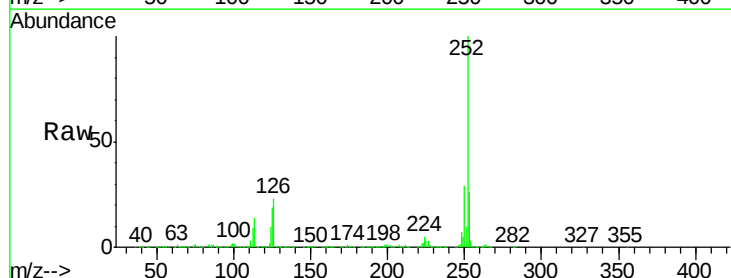
Tgt Ion:252 Resp: 2201064

Ion Ratio Lower Upper

252 100

253 26.3 17.9 26.9

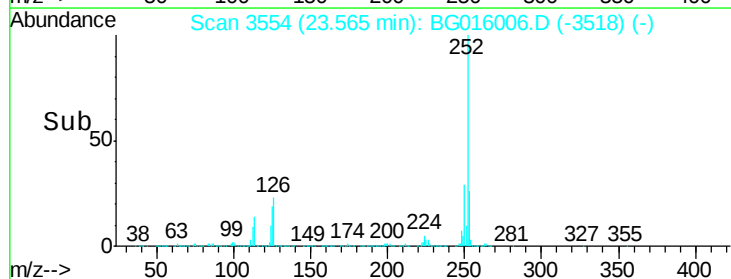
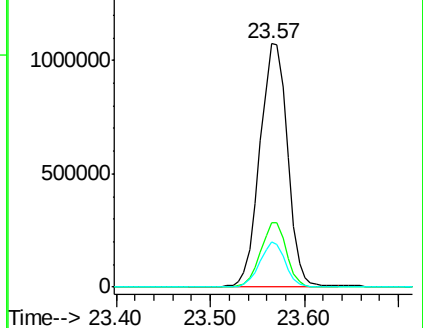
125 18.6 13.2 19.8

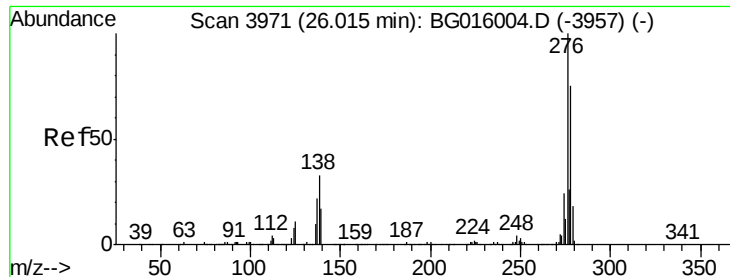


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

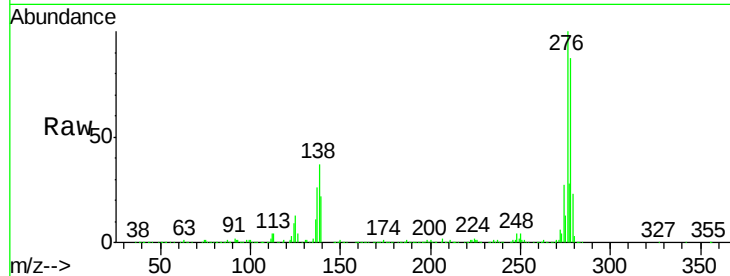




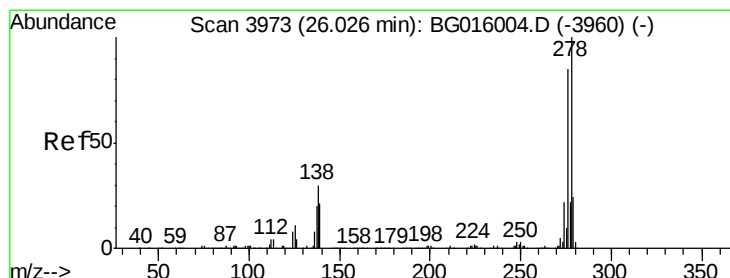
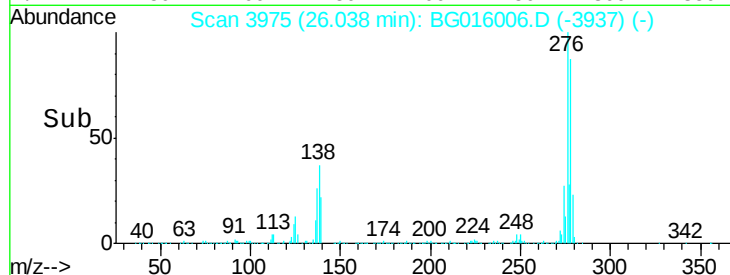
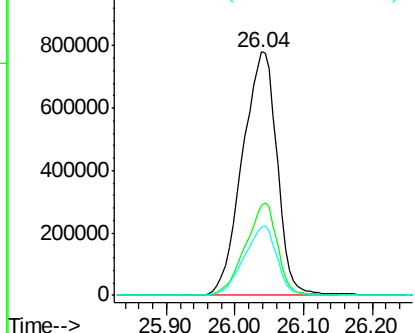
#89

Indeno(1,2,3-cd)pyrene  
Concen: 77.36 ng/ul  
RT: 26.04 min Scan# 3975  
Delta R.T. 0.02 min  
Lab File: BG016006.D  
Acq: 19 Feb 2015 17:40

Tgt Ion:276 Resp: 2738242  
Ion Ratio Lower Upper  
276 100  
138 36.8 26.2 39.4  
277 27.8 21.0 31.6



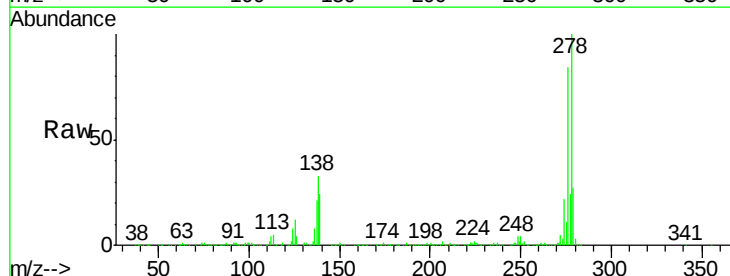
Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E



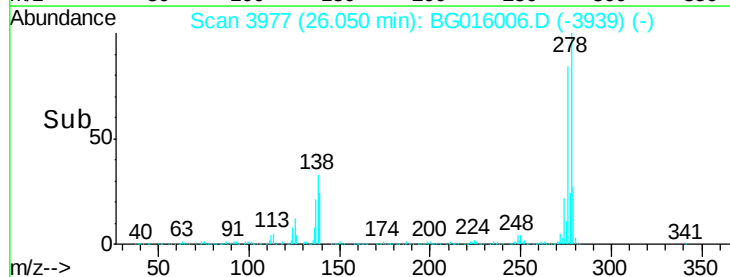
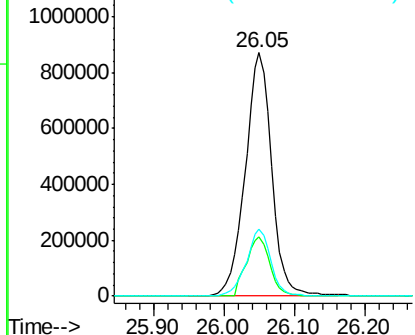
#90

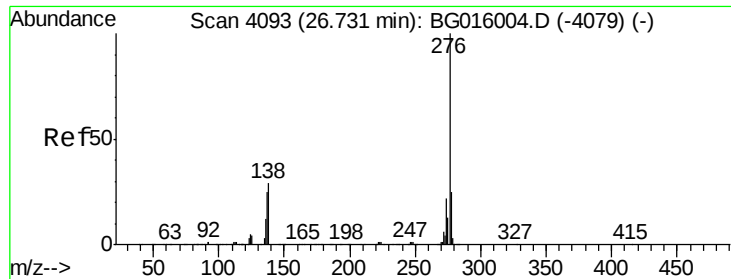
Dibenzo(a,h)anthracene  
Concen: 74.44 ng/ul  
RT: 26.05 min Scan# 3977  
Delta R.T. 0.02 min  
Lab File: BG016006.D  
Acq: 19 Feb 2015 17:40

Tgt Ion:278 Resp: 2276072  
Ion Ratio Lower Upper  
278 100  
139 24.4 17.0 25.4  
279 27.3 19.3 28.9



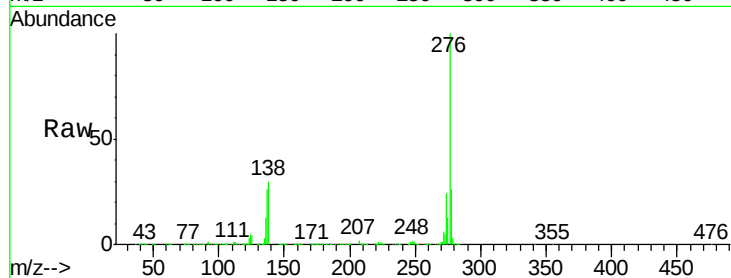
Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E





#91  
 Benzo(g,h,i)perylene  
 Concen: 78.65 ng/ul  
 RT: 26.77 min Scan# 4099  
 Delta R.T. 0.04 min  
 Lab File: BG016006.D  
 Acq: 19 Feb 2015 17:40

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 276   | Resp: | 2302696 |
| Ion      | Ratio | Lower | Upper   |
| 276      | 100   |       |         |
| 138      | 29.9  | 23.0  | 34.4    |
| 277      | 25.5  | 20.0  | 30.0    |



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

