

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG021915\  
 Data File : BG016016.D  
 Acq On : 20 Feb 2015 00:35  
 Operator : TP/IZ  
 Sample : MDL-01-S  
 Misc : MDL-SOIL-3PPM-SOM0  
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 20 07:25:59 2015

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM01.2-EPA-MA-BG021915.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Feb 20 07:16:46 2015

Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.82  | 152  | 86043    | 20.00 | ng/ul | 0.00     |
| 16) Naphthalene-d8        | 10.60 | 136  | 391372   | 20.00 | ng/ul | 0.00     |
| 33) Acenaphthene-d10      | 14.44 | 164  | 235408   | 20.00 | ng/ul | 0.00     |
| 59) Phenanthrene-d10      | 17.17 | 188  | 508978   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.35 | 240  | 557747   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.65 | 264  | 541058   | 20.00 | ng/ul | 0.00     |

#### System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) Phenol-d5                   | 6.97  | 99  | 299046 | 36.53 | ng/ul | 0.00 |
| 5) Bis-(2-Chloroethyl)ether-d  | 7.15  | 67  | 182744 | 37.80 | ng/ul | 0.00 |
| 7) 2-Chlorophenol-d4           | 7.34  | 132 | 229148 | 37.84 | ng/ul | 0.00 |
| 11) 4-Methylphenol-d8          | 8.50  | 113 | 225662 | 37.25 | ng/ul | 0.00 |
| 17) Nitrobenzene-d5            | 8.97  | 128 | 113472 | 41.02 | ng/ul | 0.00 |
| 20) 2-Nitrophenol-d4           | 9.68  | 143 | 104795 | 41.07 | ng/ul | 0.00 |
| 24) 2,4-Dichlorophenol-d3      | 10.21 | 165 | 195456 | 35.31 | ng/ul | 0.00 |
| 27) 4-Chloroaniline-d4         | 10.73 | 131 | 348629 | 57.18 | ng/ul | 0.00 |
| 41) Dimethylphthalate-d6       | 13.85 | 166 | 628144 | 39.91 | ng/ul | 0.00 |
| 44) Acenaphthylene-d8          | 14.13 | 160 | 831788 | 37.34 | ng/ul | 0.00 |
| 49) 4-Nitrophenol-d4           | 14.62 | 143 | 106619 | 33.69 | ng/ul | 0.00 |
| 55) Fluorene-d10               | 15.43 | 176 | 600232 | 37.94 | ng/ul | 0.00 |
| 60) 4,6-Dinitro-2-methylphenol | 15.54 | 200 | 43294  | 22.06 | ng/ul | 0.00 |
| 68) Anthracene-d10             | 17.27 | 188 | 907996 | 37.61 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.57 | 212 | 985047 | 37.60 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.51 | 264 | 932447 | 38.01 | ng/ul | 0.00 |

#### Target Compounds

|                                |       |     |       |      | Qvalue |    |
|--------------------------------|-------|-----|-------|------|--------|----|
| 2) Benzaldehyde                | 6.98  | 77  | 411   | 0.08 | ng/ul# | 1  |
| 6) Bis(2-Chloroethyl)ether     | 7.24  | 93  | 1262  | 0.19 | ng/ul# | 91 |
| 10) 2,2'-oxybis(1-Chloropropan | 8.51  | 45  | 1500  | 0.17 | ng/ul# | 78 |
| 13) N-Nitroso-di-n-propylamine | 8.56  | 70  | 118   | 0.02 | ng/ul# | 41 |
| 18) Nitrobenzene               | 8.96  | 77  | 542   | 0.08 | ng/ul# | 36 |
| 19) Isophorone                 | 9.68  | 82  | 6383  | 0.45 | ng/ul# | 63 |
| 25) 2,4-Dichlorophenol         | 10.22 | 162 | 196   | 0.04 | ng/ul# | 1  |
| 26) Naphthalene                | 10.72 | 128 | 156   | 0.01 | ng/ul# | 24 |
| 34) 1,2,4,5-Tetrachlorobenzene | 12.62 | 216 | 355   | 0.06 | ng/ul# | 59 |
| 42) Dimethylphthalate          | 13.86 | 163 | 459   | 0.03 | ng/ul# | 1  |
| 43) 2,6-Dinitrotoluene         | 13.87 | 165 | 500   | 0.18 | ng/ul# | 36 |
| 50) 4-Nitrophenol              | 14.75 | 109 | 1341  | 0.73 | ng/ul# | 1  |
| 56) Fluorene                   | 15.43 | 166 | 1371  | 0.07 | ng/ul# | 5  |
| 58) 4-Nitroaniline             | 15.54 | 138 | 167   | 0.04 | ng/ul# | 1  |
| 61) 4,6-Dinitro-2-methylphenol | 15.55 | 198 | 188   | 0.09 | ng/ul# | 1  |
| 62) N-Nitrosodiphenylamine     | 15.55 | 169 | 197   | 0.01 | ng/ul# | 24 |
| 66) Pentachlorophenol          | 16.83 | 266 | 389   | 0.16 | ng/ul# | 54 |
| 67) Phenanthrene               | 17.18 | 178 | 144   | 0.01 | ng/ul# | 1  |
| 69) Anthracene                 | 17.30 | 178 | 122   | 0.00 | ng/ul# | 59 |
| 70) 1,2,3,4-Tetrachlorobenzene | 13.23 | 216 | 17197 | 2.66 | ng/uL  | 98 |
| 71) Pentachlorobenzene         | 14.75 | 250 | 35498 | 5.60 | ng/uL  | 95 |
| 77) Pyrene                     | 19.57 | 202 | 1503  | 0.04 | ng/ul# | 1  |
| 80) Benzo(a)anthracene         | 21.35 | 228 | 1433  | 0.05 | ng/ul# | 62 |
| 81) Bis(2-ethylhexyl)phthalate | 21.20 | 149 | 65    | 0.00 | ng/ul# | 50 |

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Data File : BG016016.D  
Acq On : 20 Feb 2015 00:35  
Operator : TP/IZ  
Sample : MDL-01-S  
Misc : MDL-SOIL-3PPM-SOM0  
ALS Vial : 16 Sample Multiplier: 1

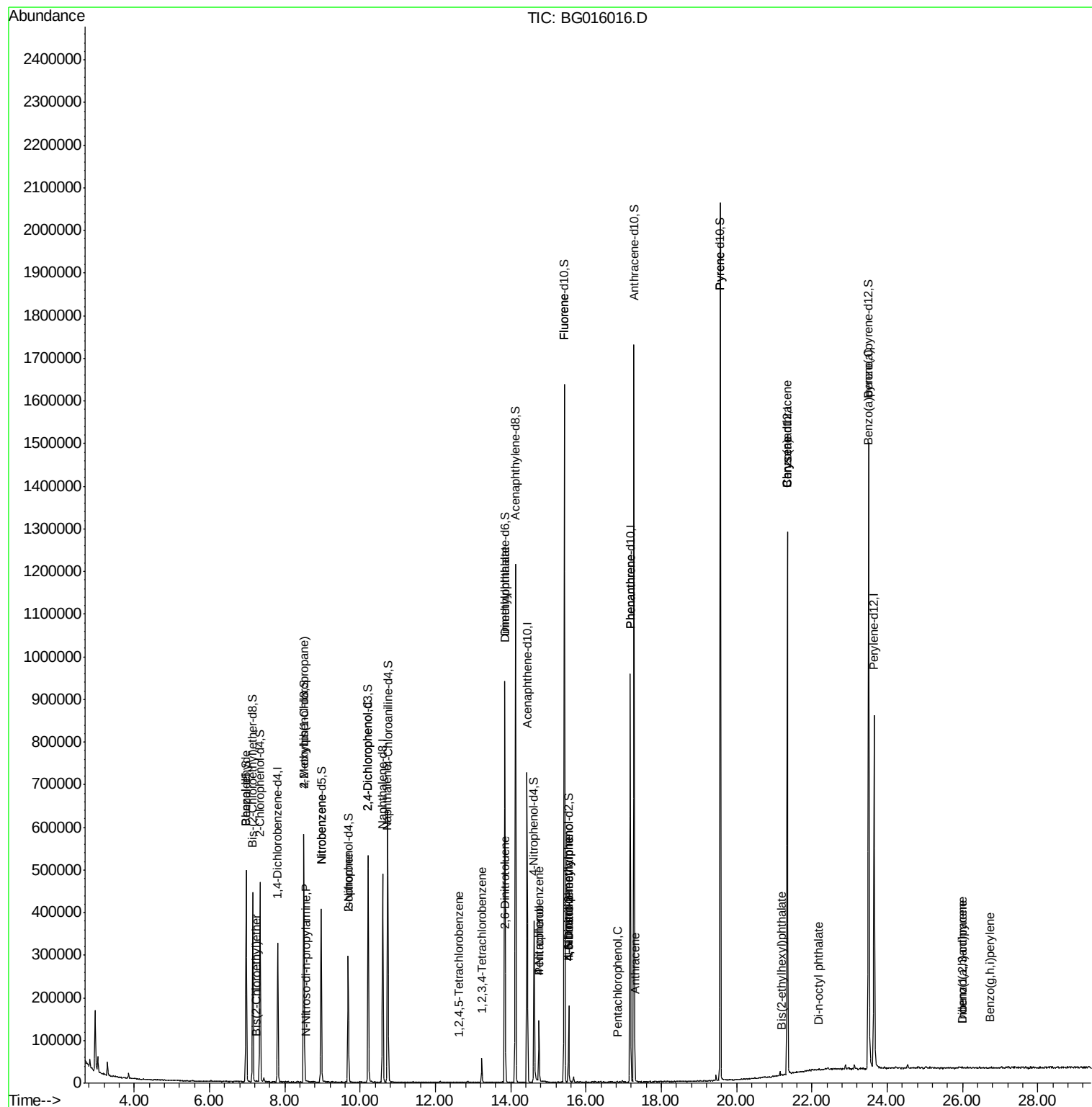
Quant Time: Feb 20 07:25:59 2015  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM01.2-EPA-MA-BG021915.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Feb 20 07:16:46 2015  
Response via : Initial Calibration

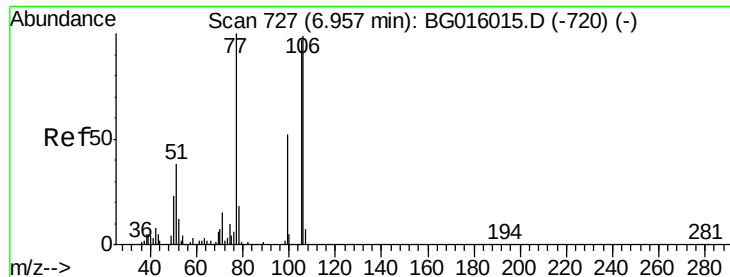
| Internal Standards         | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|----------------------------|-------|------|----------|------|--------|----------|
| 82) Chrysene               | 21.35 | 228  | 1433     | 0.05 | ng/ul# | 61       |
| 84) Di-n-octyl phthalate   | 22.17 | 149  | 66       | 0.00 | ng/ul  | 100      |
| 88) Benzo(a)pyrene         | 23.52 | 252  | 1122     | 0.04 | ng/ul  | 95       |
| 89) Indeno(1,2,3-cd)pyrene | 26.00 | 276  | 186      | 0.01 | ng/ul# | 45       |
| 90) Dibenzo(a,h)anthracene | 26.02 | 278  | 348      | 0.01 | ng/ul# | 53       |
| 91) Benzo(g,h,i)perylene   | 26.73 | 276  | 504      | 0.02 | ng/ul# | 48       |

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

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QLast Update : Fri Feb 20 07:16:46 2015  
Response via : Initial Calibration





#2

Benzaldehyde

Concen: 0.08 ng/ul

RT: 6.98 min Scan# 730

Delta R.T. 0.02 min

Lab File: BG016016.D

Acq: 20 Feb 2015 00:35

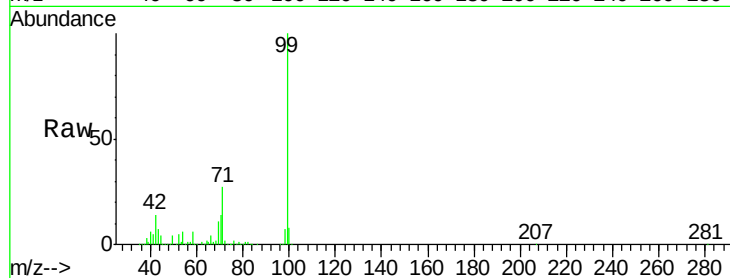
Tgt Ion: 77 Resp: 411

Ion Ratio Lower Upper

77 100

105 0.0 76.6 114.8#

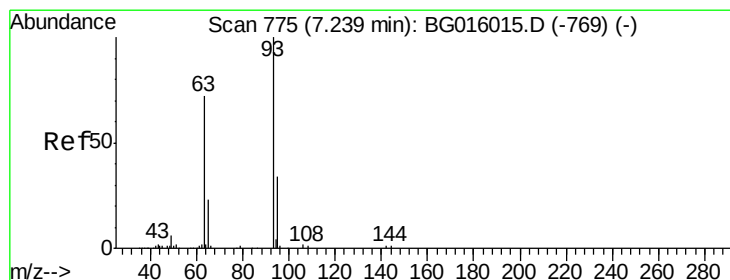
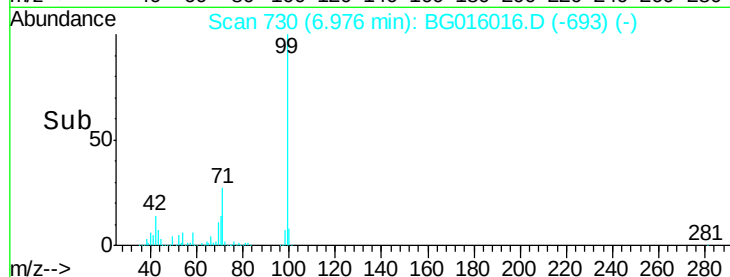
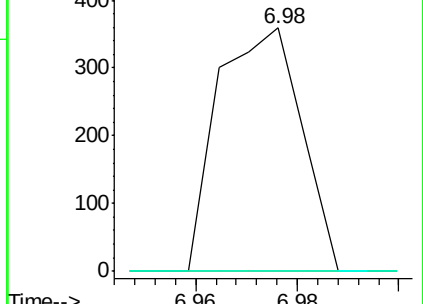
106 0.0 78.2 117.4#



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



#6

Bis(2-Chloroethyl)ether

Concen: 0.19 ng/ul

RT: 7.24 min Scan# 775

Delta R.T. 0.00 min

Lab File: BG016016.D

Acq: 20 Feb 2015 00:35

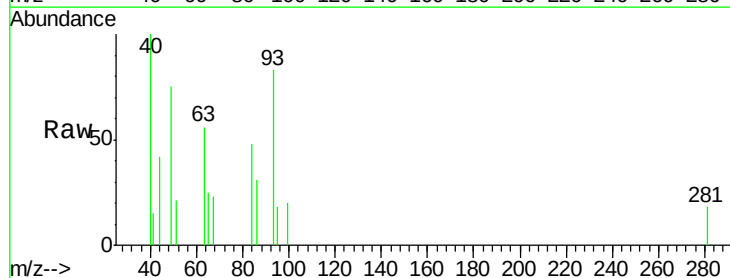
Tgt Ion: 93 Resp: 1262

Ion Ratio Lower Upper

93 100

63 67.5 57.5 86.3

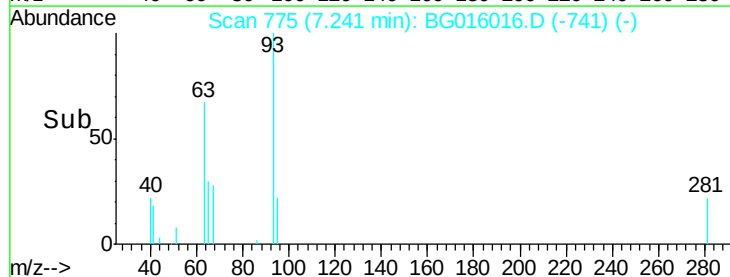
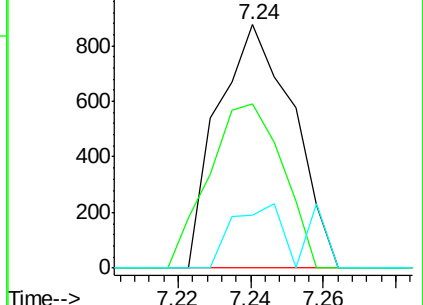
95 21.9 25.8 38.6#

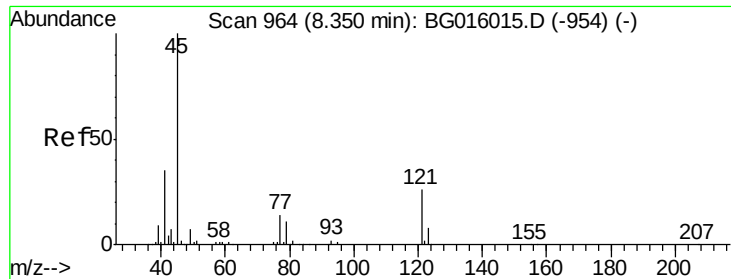


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

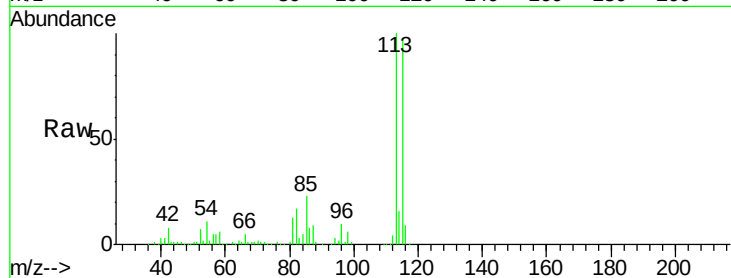
Ion 95.00 (94.70 to 95.70): BGC



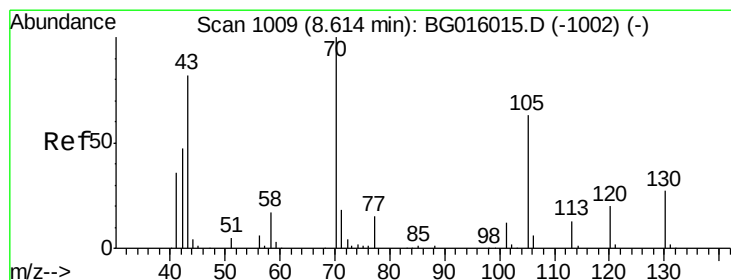
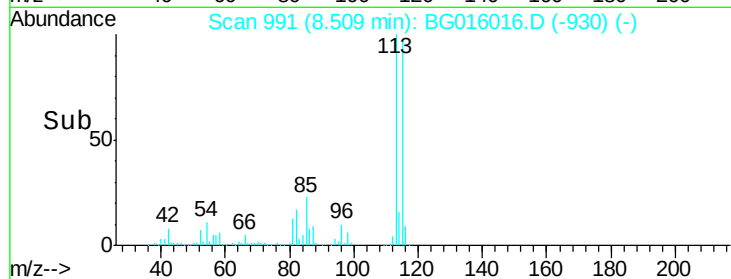
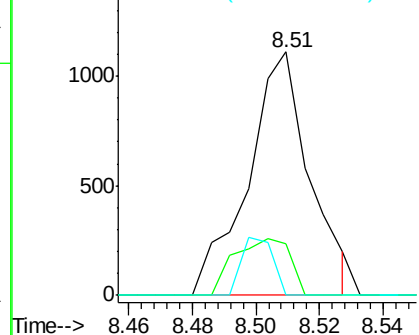


#10  
 2,2'-oxybis(1-Chloropropane)  
 Concen: 0.17 ng/ul  
 RT: 8.51 min Scan# 991  
 Delta R.T. 0.16 min  
 Lab File: BG016016.D  
 Acq: 20 Feb 2015 00:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 1500  |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 77       | 21.2  | 11.4  | 17.2# |
| 79       | 0.0   | 9.0   | 13.6# |

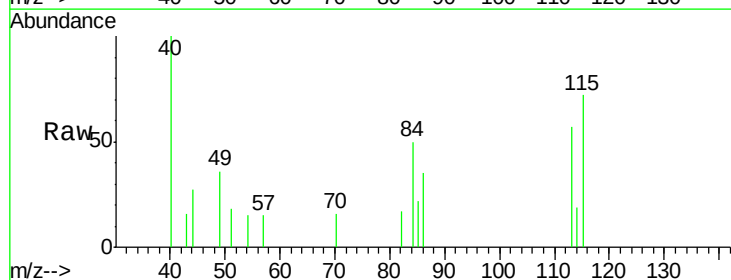


Abundance Ion 45.00 (44.70 to 45.70): BGC  
 Ion 77.00 (76.70 to 77.70): BGC  
 Ion 79.00 (78.70 to 79.70): BGC

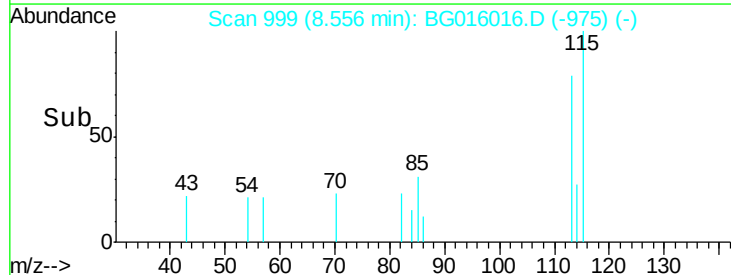
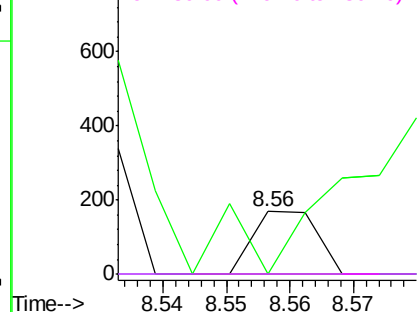


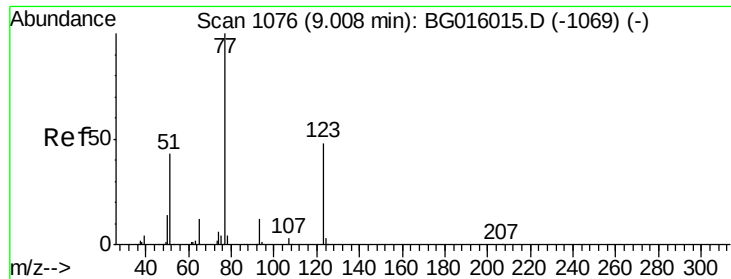
#13  
 N-Nitroso-di-n-propylamine  
 Concen: 0.02 ng/ul  
 RT: 8.56 min Scan# 999  
 Delta R.T. -0.06 min  
 Lab File: BG016016.D  
 Acq: 20 Feb 2015 00:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 118   |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 0.0   | 37.8  | 56.6# |
| 101      | 0.0   | 9.3   | 13.9# |
| 130      | 0.0   | 22.2  | 33.2# |



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





#18

Nitrobenzene

Concen: 0.08 ng/ul

RT: 8.96 min Scan# 1068

Delta R.T. -0.05 min

Lab File: BG016016.D

Acq: 20 Feb 2015 00:35

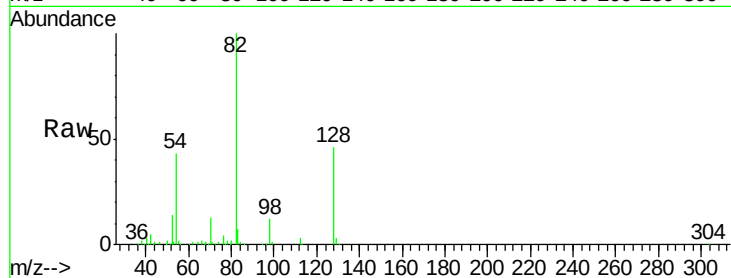
Tgt Ion: 77 Resp: 542

Ion Ratio Lower Upper

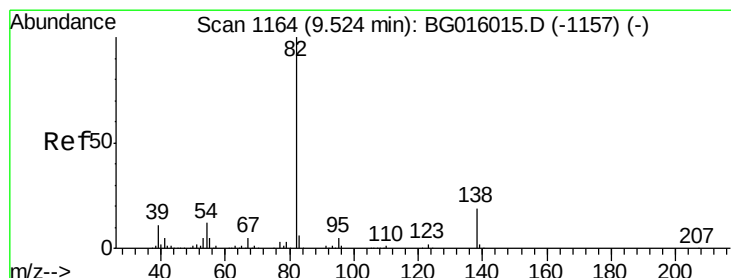
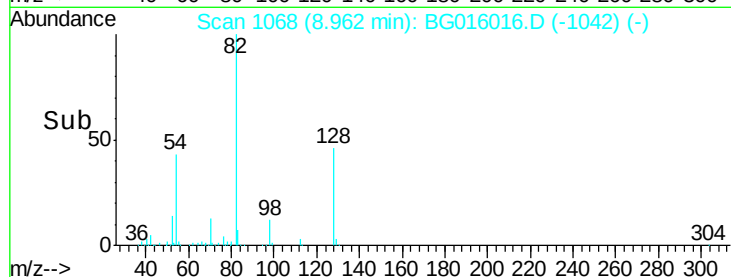
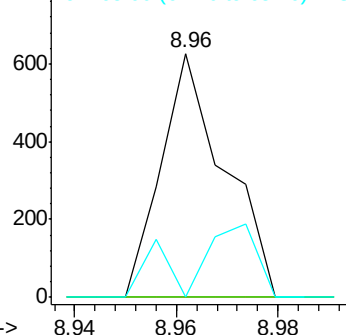
77 100

123 0.0 39.9 59.9#

65 0.0 11.0 16.6#



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



#19

Isophorone

Concen: 0.45 ng/ul

RT: 9.68 min Scan# 1190

Delta R.T. 0.15 min

Lab File: BG016016.D

Acq: 20 Feb 2015 00:35

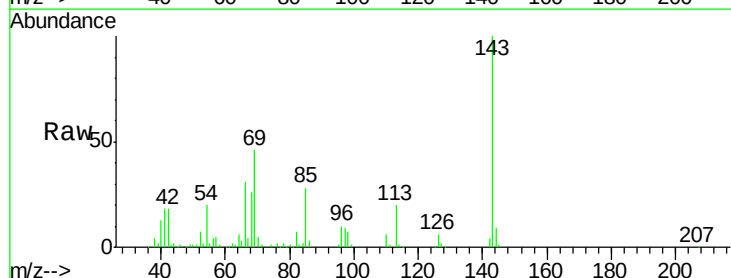
Tgt Ion: 82 Resp: 6383

Ion Ratio Lower Upper

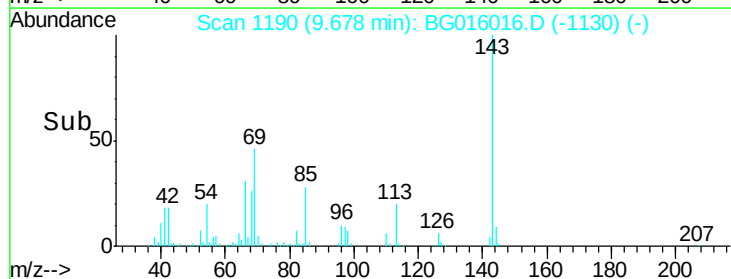
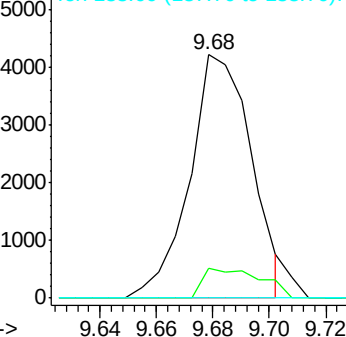
82 100

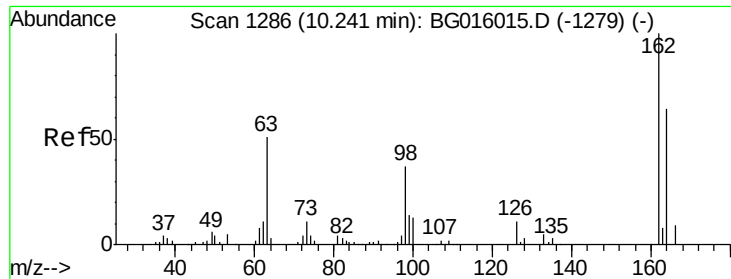
95 12.3 4.6 6.8#

138 0.0 15.4 23.2#



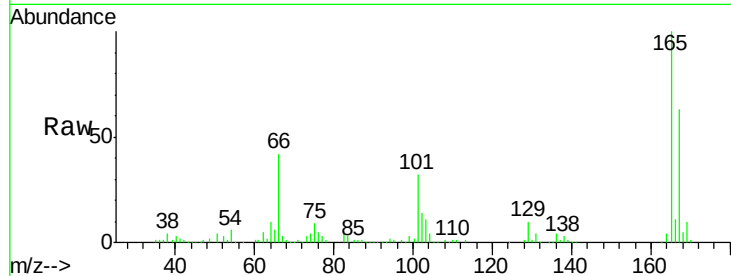
Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC  
Ion 138.00 (137.70 to 138.70): BGC



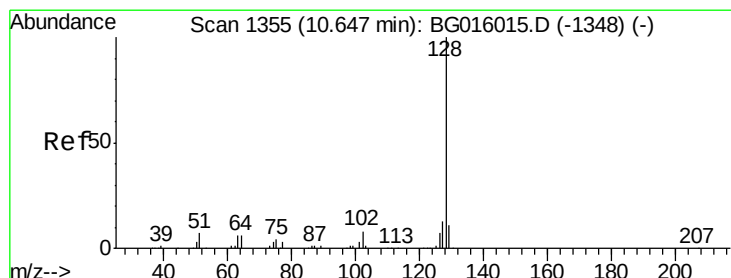
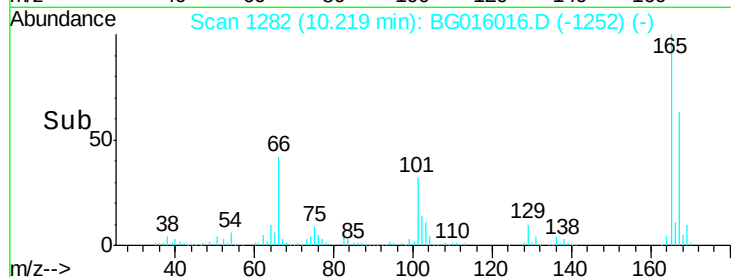
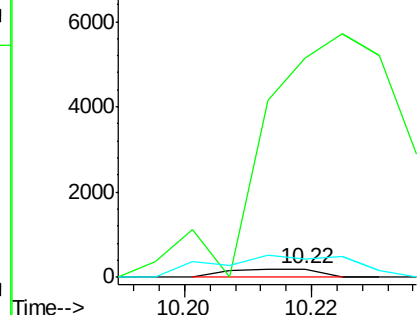


#25  
2,4-Dichlorophenol  
Concen: 0.04 ng/ul  
RT: 10.22 min Scan# 1282  
Delta R.T. -0.02 min  
Lab File: BG016016.D  
Acq: 20 Feb 2015 00:35

Tgt Ion:162 Resp: 196  
Ion Ratio Lower Upper  
162 100  
164 2519.1 55.7 83.5#  
98 206.9 30.2 45.2#

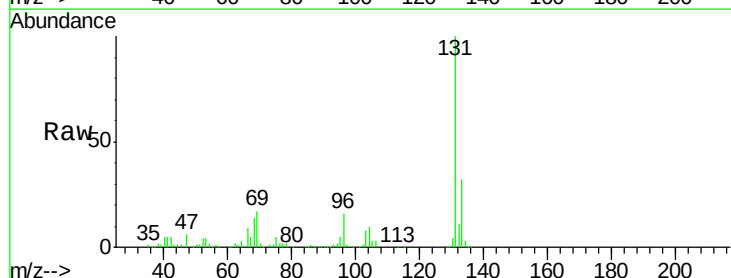


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): B

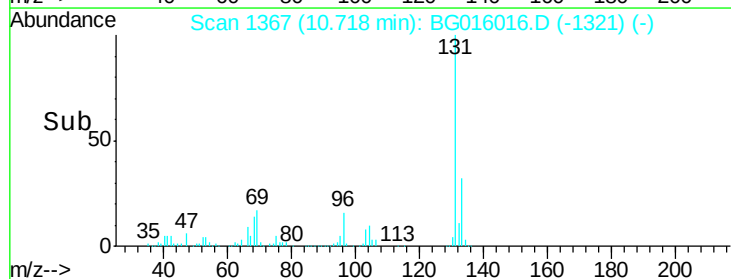
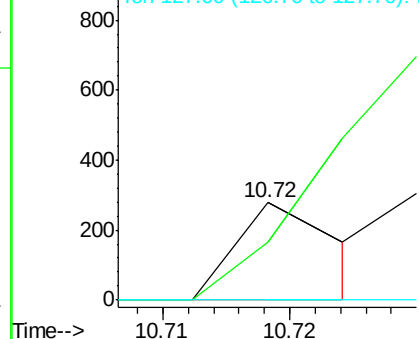


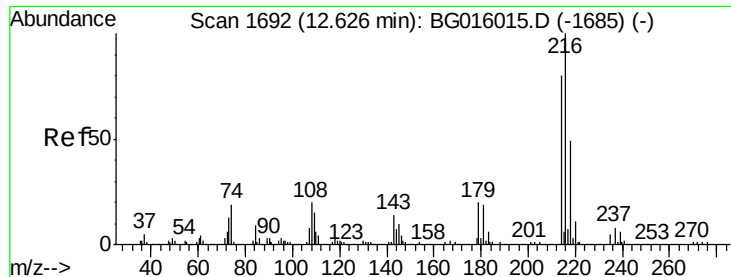
#26  
Naphthalene  
Concen: 0.01 ng/ul  
RT: 10.72 min Scan# 1367  
Delta R.T. 0.07 min  
Lab File: BG016016.D  
Acq: 20 Feb 2015 00:35

Tgt Ion:128 Resp: 156  
Ion Ratio Lower Upper  
128 100  
129 59.4 8.7 13.1#  
127 0.0 10.4 15.6#



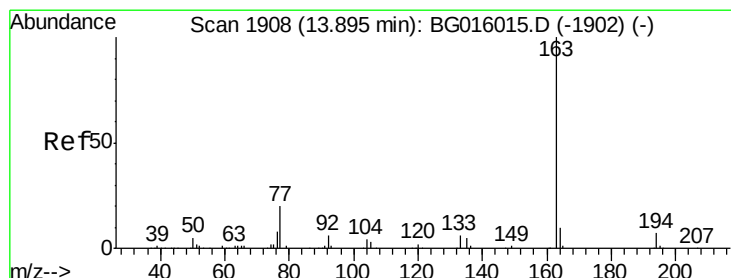
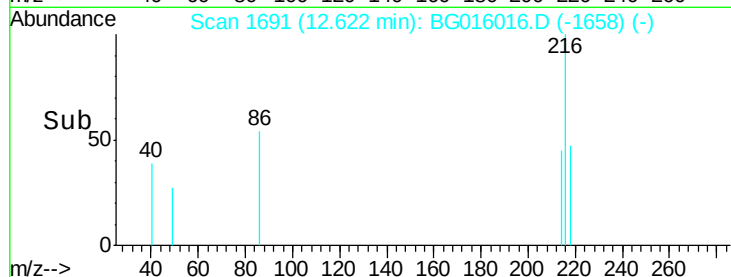
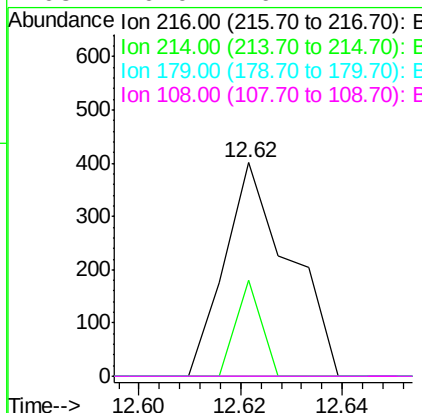
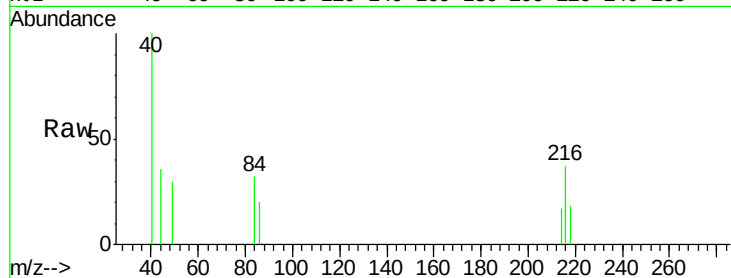
Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E





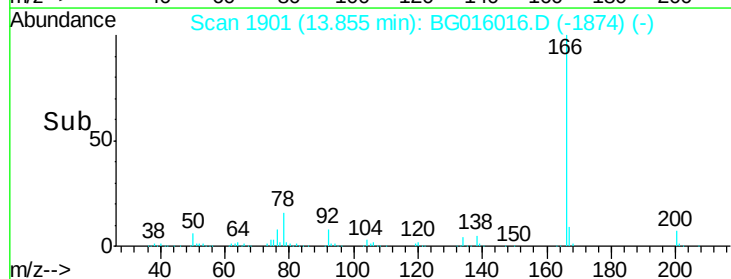
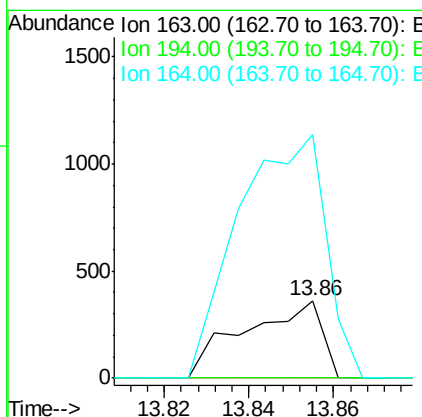
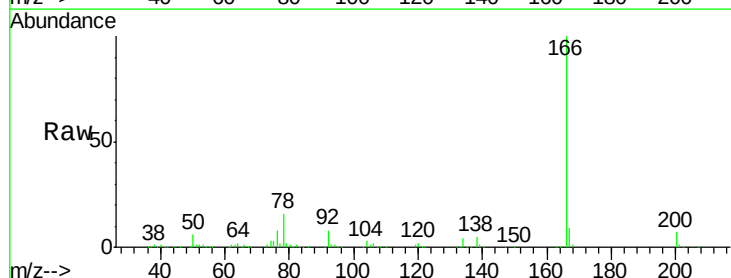
#34  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 0.06 ng/ul  
 RT: 12.62 min Scan# 1691  
 Delta R.T. -0.00 min  
 Lab File: BG016016.D  
 Acq: 20 Feb 2015 00:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 216   | Resp: | 355   |
| Ion      | Ratio | Lower | Upper |
| 216      | 100   |       |       |
| 214      | 44.9  | 64.3  | 96.5# |
| 179      | 0.0   | 15.7  | 23.5# |
| 108      | 0.0   | 16.1  | 24.1# |

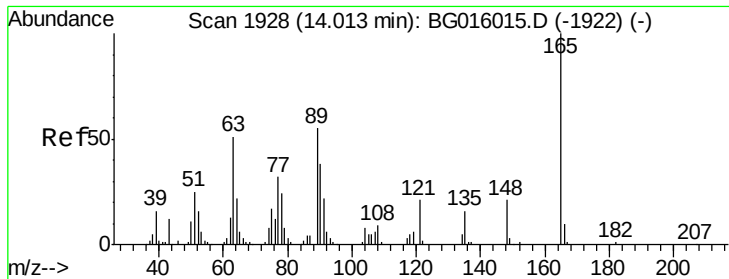


#42  
 Dimethylphthalate  
 Concen: 0.03 ng/ul  
 RT: 13.86 min Scan# 1901  
 Delta R.T. -0.04 min  
 Lab File: BG016016.D  
 Acq: 20 Feb 2015 00:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 163   | Resp: | 459   |
| Ion      | Ratio | Lower | Upper |
| 163      | 100   |       |       |
| 194      | 0.0   | 5.3   | 7.9#  |
| 164      | 315.0 | 8.5   | 12.7# |

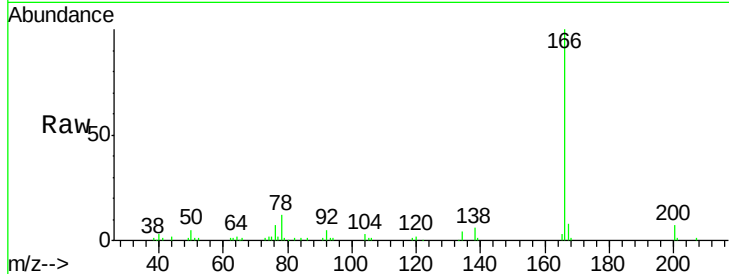




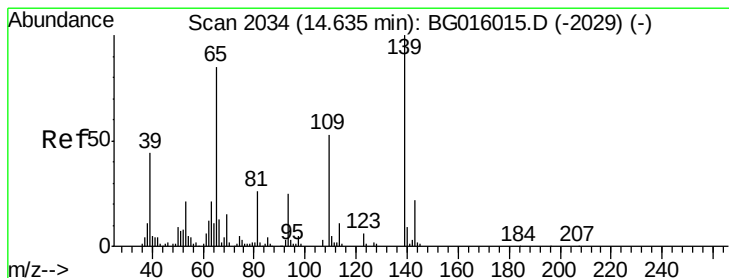
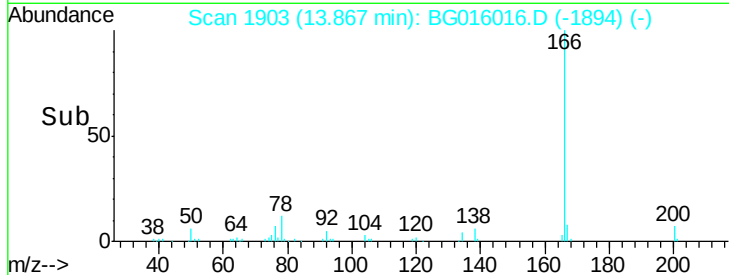
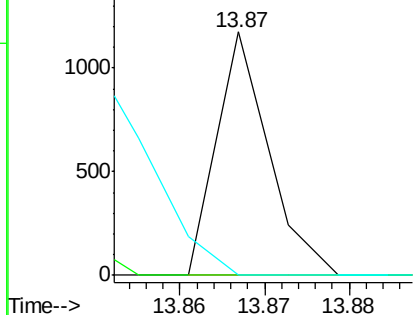


#43  
 2,6-Dinitrotoluene  
 Concen: 0.18 ng/ul  
 RT: 13.87 min Scan# 1903  
 Delta R.T. -0.15 min  
 Lab File: BG016016.D  
 Acq: 20 Feb 2015 00:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 89      | 0.0   | 39.8  | 59.8# |
| 121     | 0.0   | 15.8  | 23.6# |

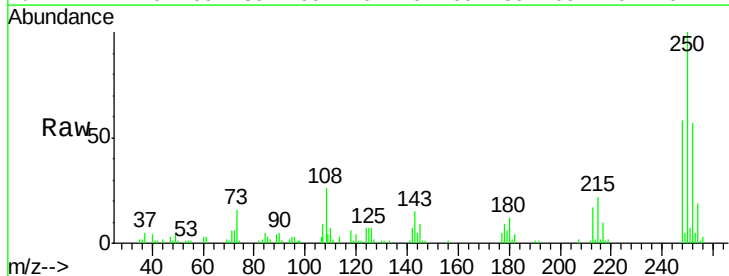


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 89.00 (88.70 to 89.70): BGC  
 Ion 121.00 (120.70 to 121.70): E

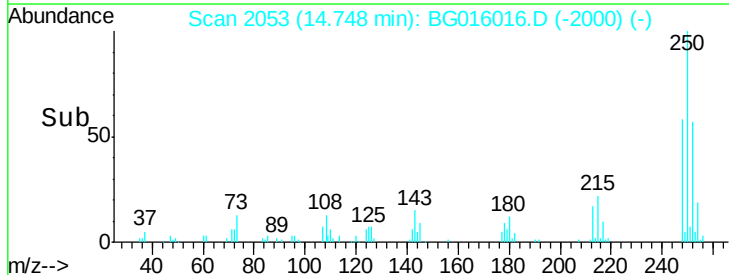
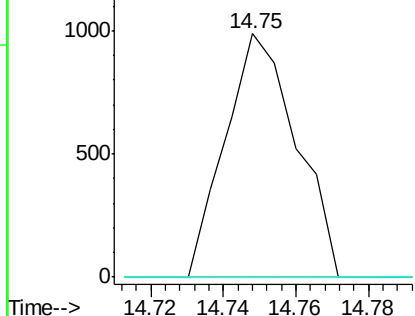


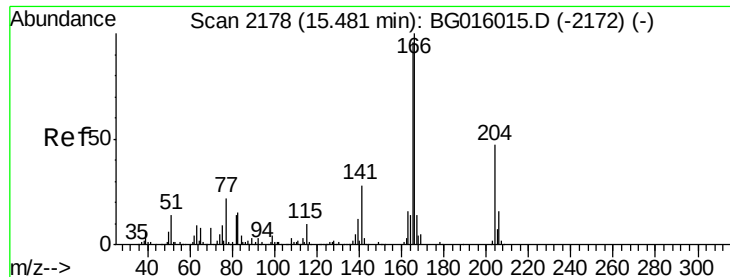
#50  
 4-Nitrophenol  
 Concen: 0.73 ng/ul  
 RT: 14.75 min Scan# 2053  
 Delta R.T. 0.11 min  
 Lab File: BG016016.D  
 Acq: 20 Feb 2015 00:35

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 109     | 100   |       |        |
| 139     | 0.0   | 146.1 | 219.1# |
| 65      | 0.0   | 123.5 | 185.3# |



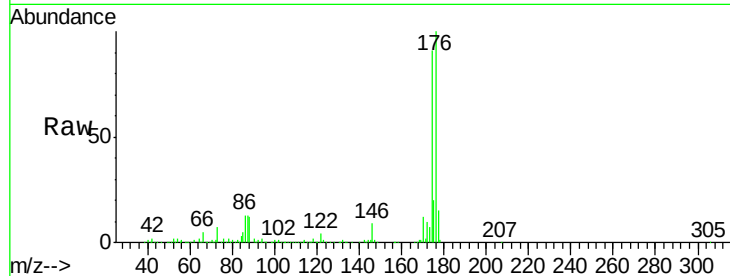
Abundance Ion 109.00 (108.70 to 109.70): E  
 Ion 139.00 (138.70 to 139.70): E  
 Ion 65.00 (64.70 to 65.70): BGC



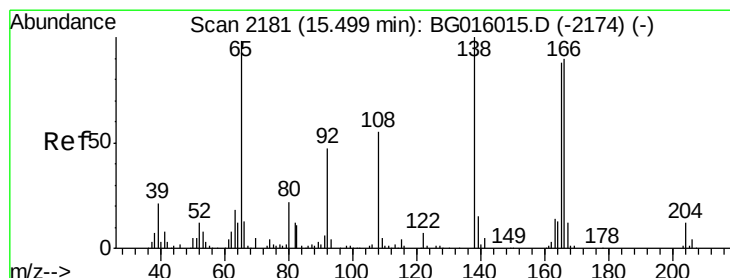
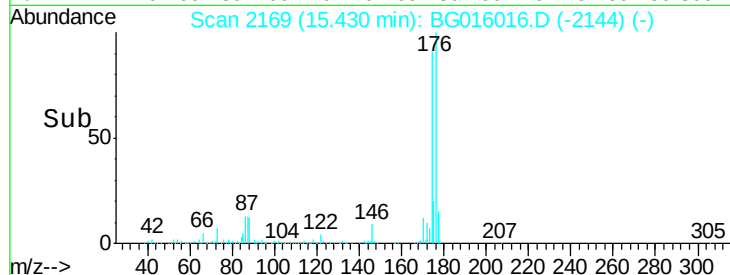
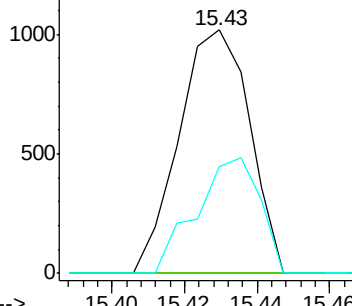


#56  
Fluorene  
Concen: 0.07 ng/ul  
RT: 15.43 min Scan# 2169  
Delta R.T. -0.05 min  
Lab File: BG016016.D  
Acq: 20 Feb 2015 00:35

Tgt Ion:166 Resp: 1371  
Ion Ratio Lower Upper  
166 100  
165 0.0 75.4 113.2#  
167 44.0 11.0 16.4#

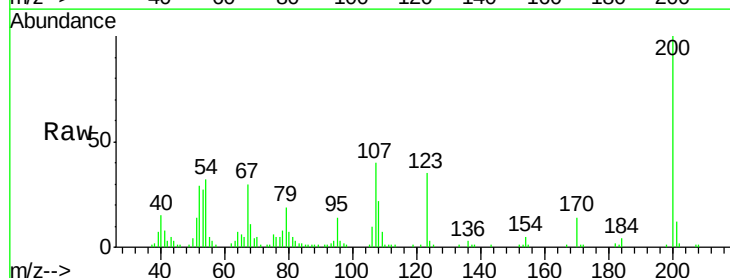


Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E

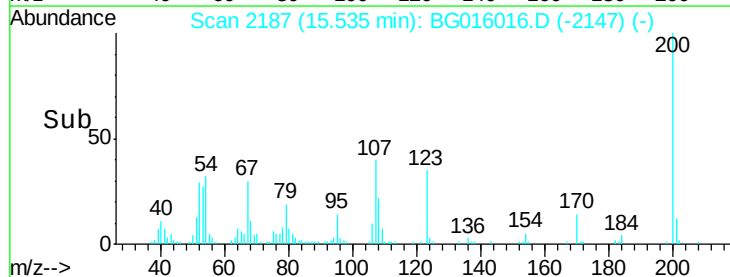
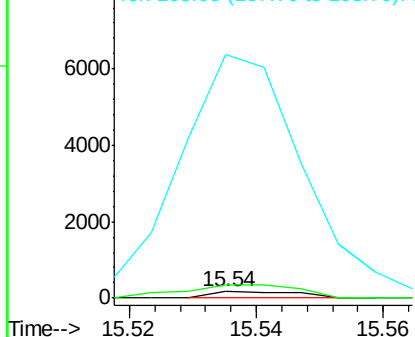


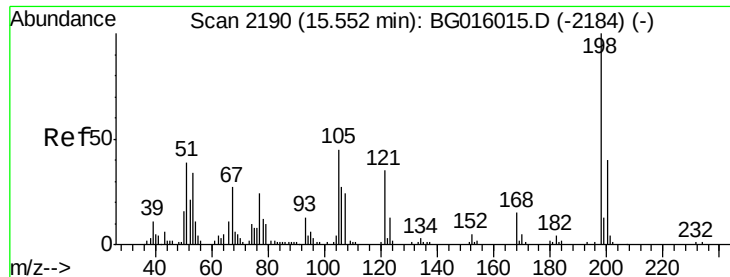
#58  
4-Nitroaniline  
Concen: 0.04 ng/ul  
RT: 15.54 min Scan# 2187  
Delta R.T. 0.04 min  
Lab File: BG016016.D  
Acq: 20 Feb 2015 00:35

Tgt Ion:138 Resp: 167  
Ion Ratio Lower Upper  
138 100  
92 215.9 38.1 57.1#  
108 3886.6 46.4 69.6#



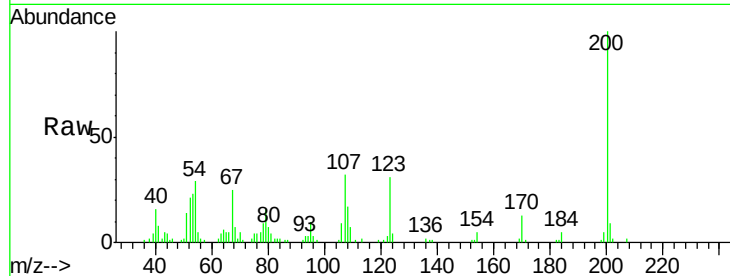
Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BG  
Ion 108.00 (107.70 to 108.70): E



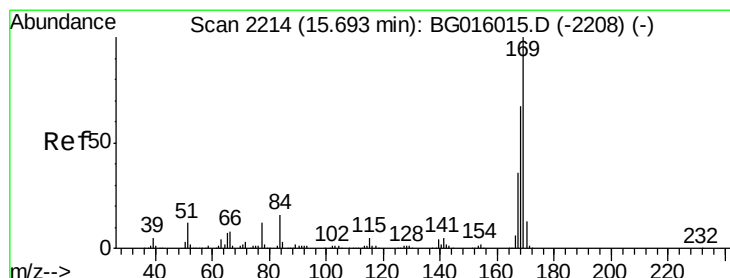
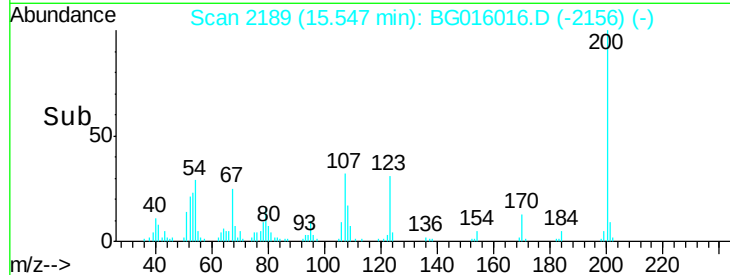
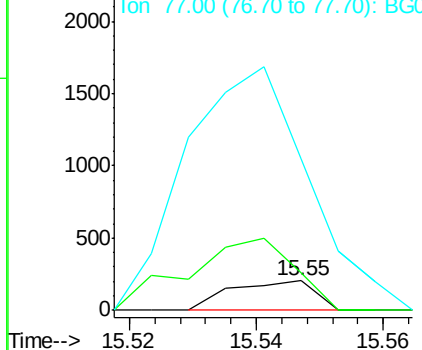


#61  
 4,6-Dinitro-2-methylphenol  
 Concen: 0.09 ng/ul  
 RT: 15.55 min Scan# 2189  
 Delta R.T. -0.00 min  
 Lab File: BG016016.D  
 Acq: 20 Feb 2015 00:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 182     | 126.7 | 2.0   | 3.0#  |
| 77      | 506.8 | 15.8  | 23.8# |

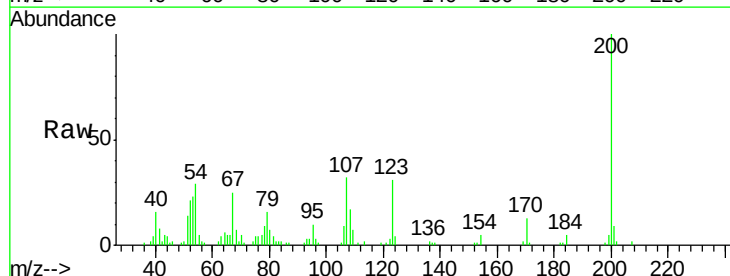


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 77.00 (76.70 to 77.70): B

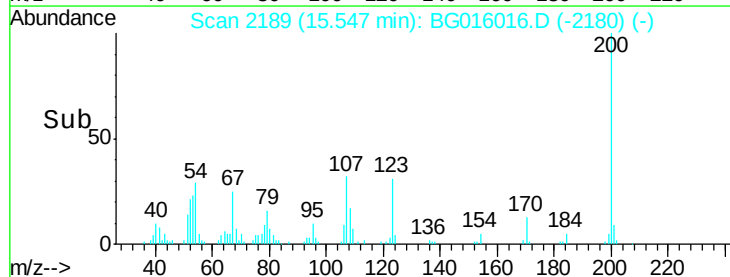
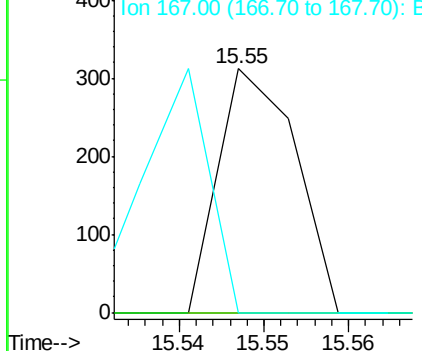


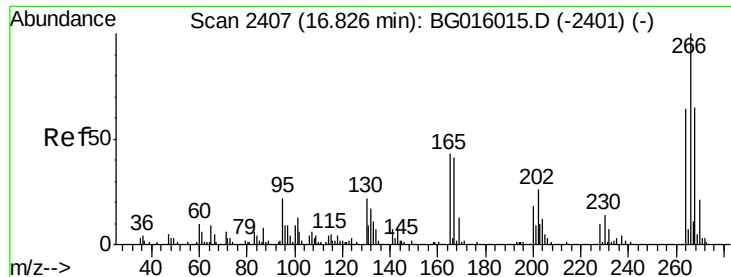
#62  
 N-Nitrosodiphenylamine  
 Concen: 0.01 ng/ul  
 RT: 15.55 min Scan# 2189  
 Delta R.T. -0.15 min  
 Lab File: BG016016.D  
 Acq: 20 Feb 2015 00:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 0.0   | 53.8  | 80.8# |
| 167     | 0.0   | 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





#66

Pentachlorophenol

Concen: 0.16 ng/ul

RT: 16.83 min Scan# 2407

Delta R.T. 0.00 min

Lab File: BG016016.D

Acq: 20 Feb 2015 00:35

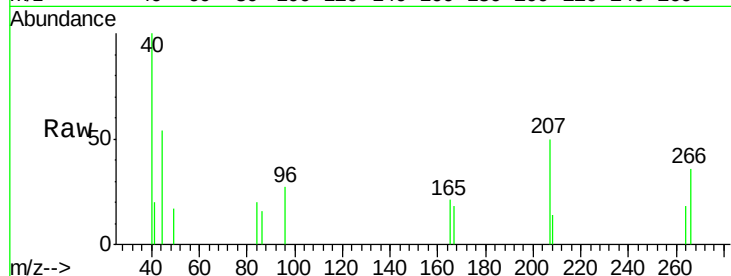
Tgt Ion:266 Resp: 389

Ion Ratio Lower Upper

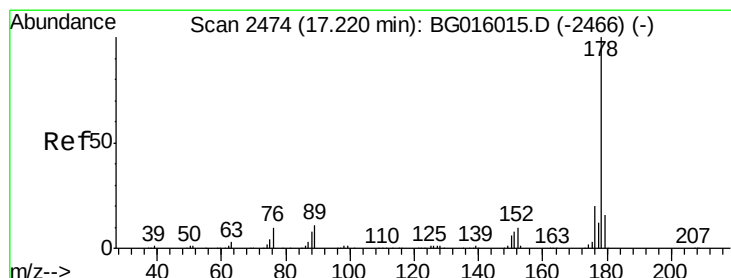
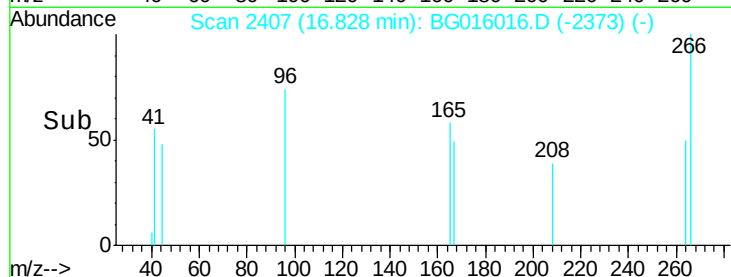
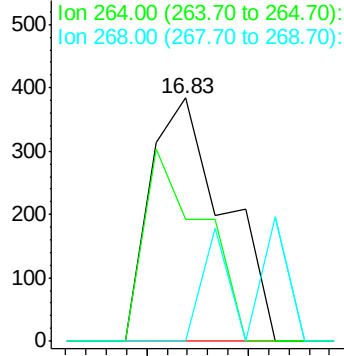
266 100

264 50.0 46.6 70.0

268 0.0 49.0 73.4#



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



#67

Phenanthrene

Concen: 0.01 ng/ul

RT: 17.18 min Scan# 2467

Delta R.T. -0.04 min

Lab File: BG016016.D

Acq: 20 Feb 2015 00:35

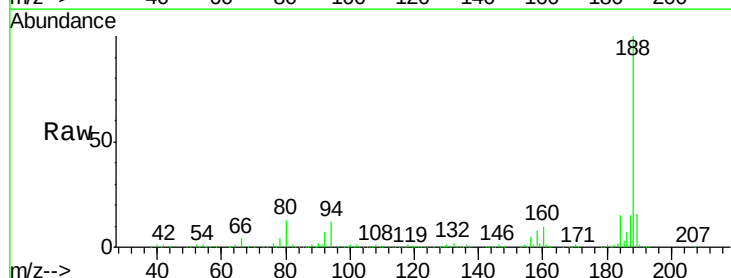
Tgt Ion:178 Resp: 144

Ion Ratio Lower Upper

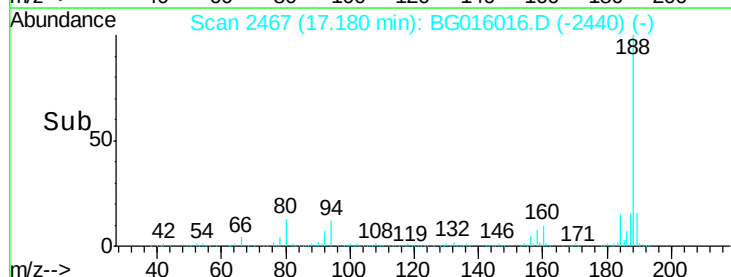
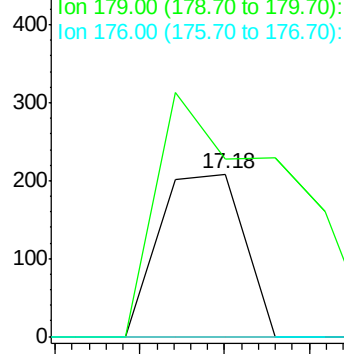
178 100

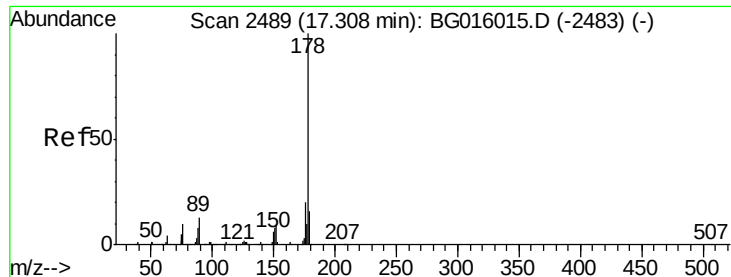
179 109.6 12.8 19.2#

176 0.0 16.5 24.7#



Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 179.00 (178.70 to 179.70): E  
Ion 176.00 (175.70 to 176.70): E





#69

Anthracene

Concen: 0.00 ng/uL

RT: 17.30 min Scan# 2488

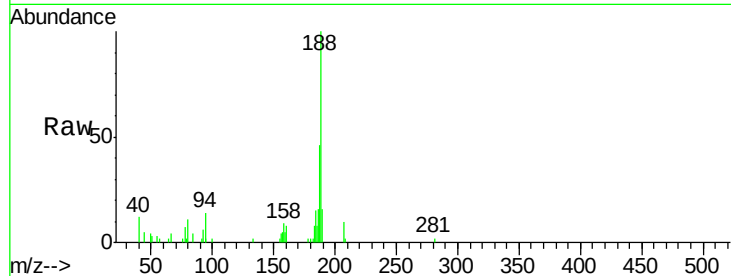
Delta R.T. -0.00 min

Lab File: BG016016.D

Acq: 20 Feb 2015 00:35

Tgt Ion:178 Resp: 122

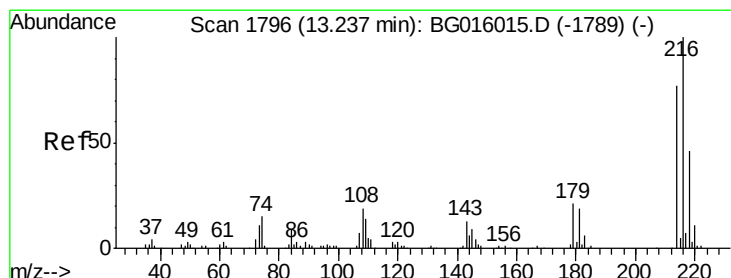
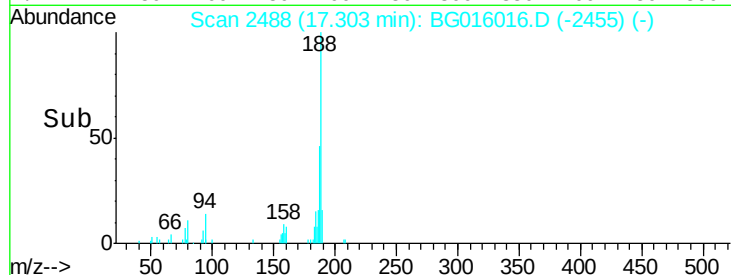
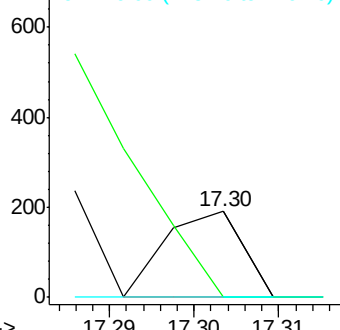
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 0.0   | 12.9  | 19.3# |
| 176 | 0.0   | 15.7  | 23.5# |



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#70

1,2,3,4-Tetrachlorobenzene

Concen: 2.66 ng/uL

RT: 13.23 min Scan# 1795

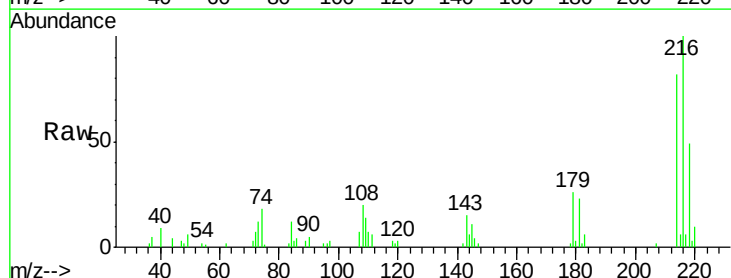
Delta R.T. -0.00 min

Lab File: BG016016.D

Acq: 20 Feb 2015 00:35

Tgt Ion:216 Resp: 17197

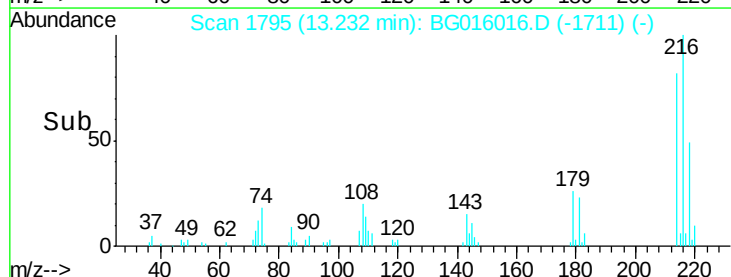
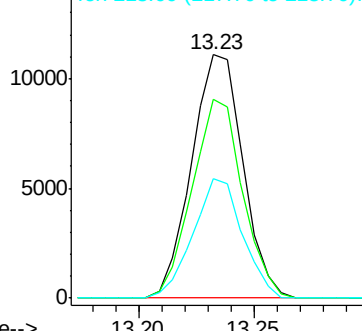
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 81.6  | 64.5  | 96.7  |
| 218 | 49.3  | 37.9  | 56.9  |

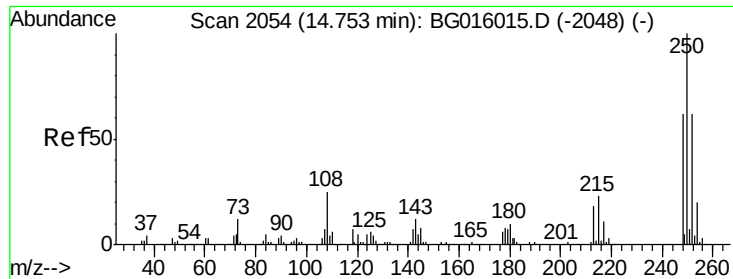


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

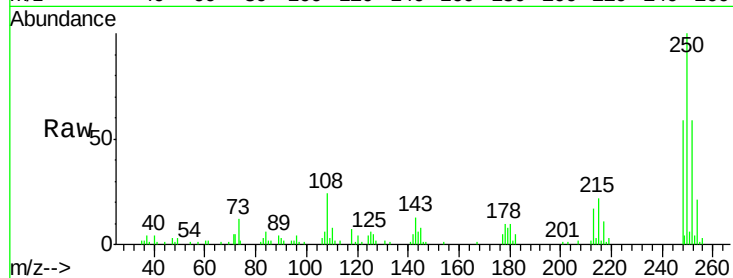
Ion 218.00 (217.70 to 218.70): E



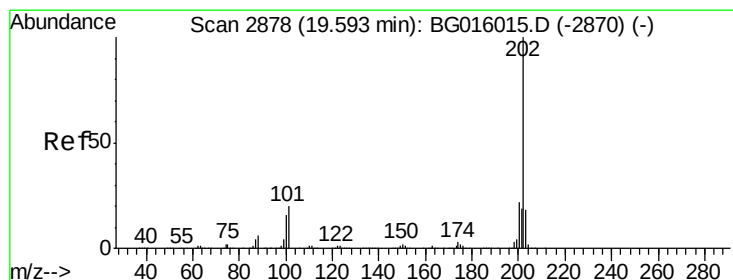
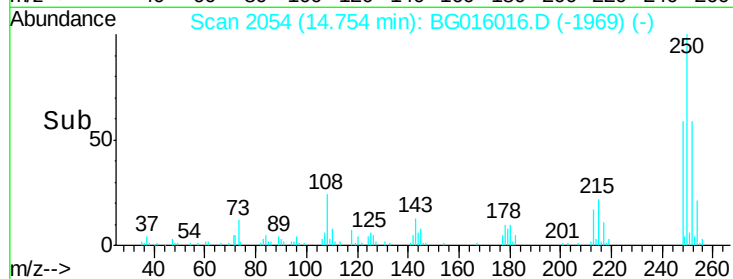
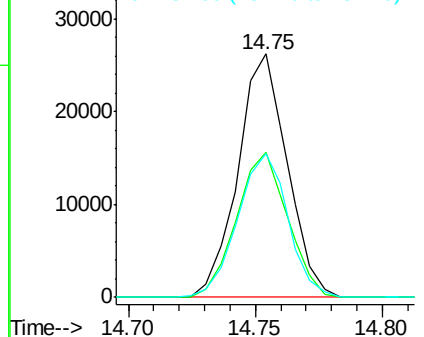


#71  
 Pentachlorobenzene  
 Concen: 5.60 ng/uL  
 RT: 14.75 min Scan# 2054  
 Delta R.T. 0.00 min  
 Lab File: BG016016.D  
 Acq: 20 Feb 2015 00:35

Tgt Ion:250 Resp: 35498  
 Ion Ratio Lower Upper  
 250 100  
 248 59.4 50.5 75.7  
 252 58.8 50.7 76.1

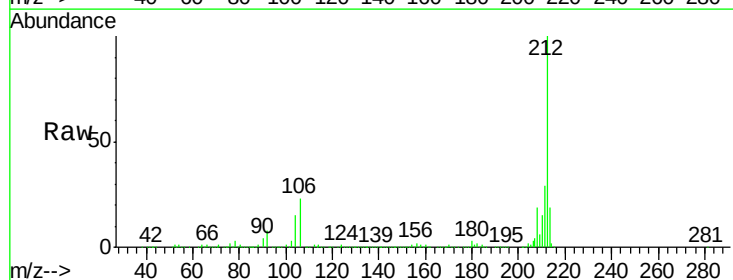


Abundance Ion 250.00 (249.70 to 250.70): E  
 Ion 248.00 (247.70 to 248.70): E  
 Ion 252.00 (251.70 to 252.70): E

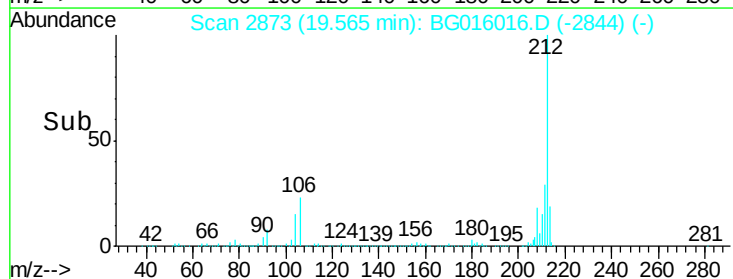
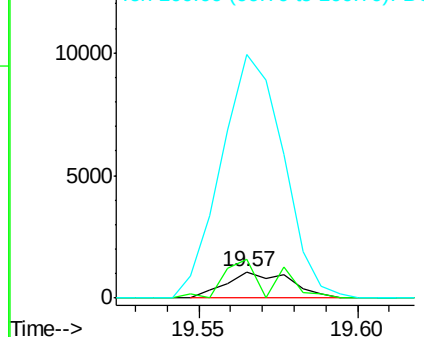


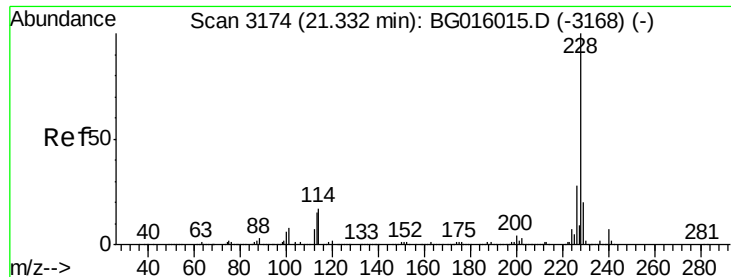
#77  
 Pyrene  
 Concen: 0.04 ng/uL  
 RT: 19.57 min Scan# 2873  
 Delta R.T. -0.03 min  
 Lab File: BG016016.D  
 Acq: 20 Feb 2015 00:35

Tgt Ion:202 Resp: 1503  
 Ion Ratio Lower Upper  
 202 100  
 101 148.6 15.8 23.8#  
 100 916.9 12.7 19.1#



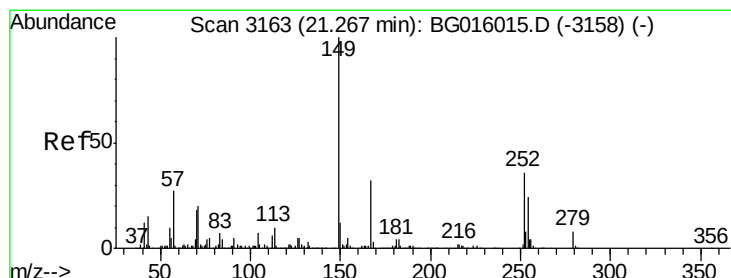
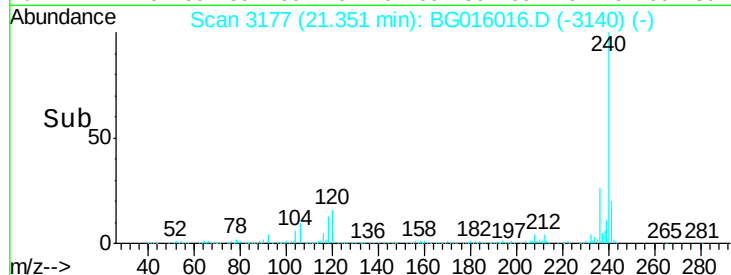
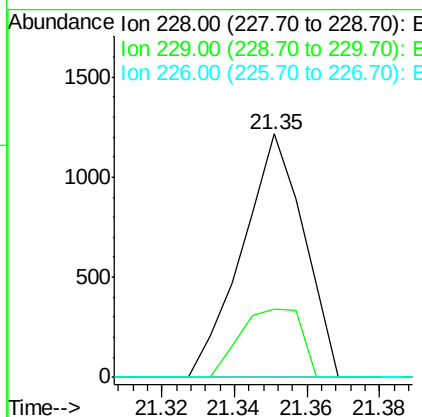
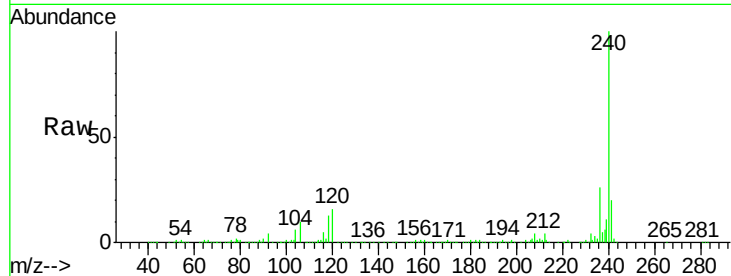
Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 100.00 (99.70 to 100.70): B





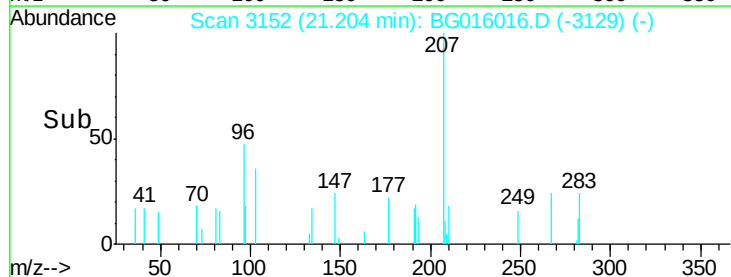
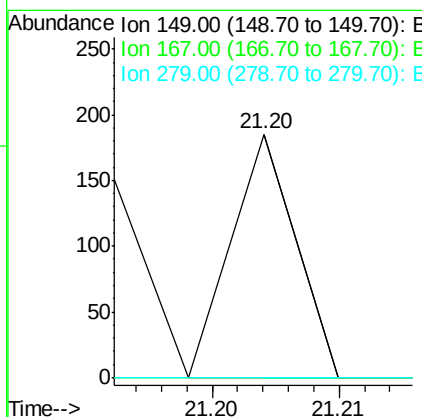
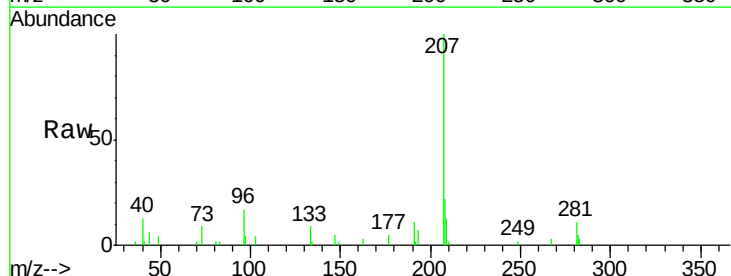
#80  
Benzo(a)anthracene  
Concen: 0.05 ng/ul  
RT: 21.35 min Scan# 3177  
Delta R.T. 0.02 min  
Lab File: BG016016.D  
Acq: 20 Feb 2015 00:35

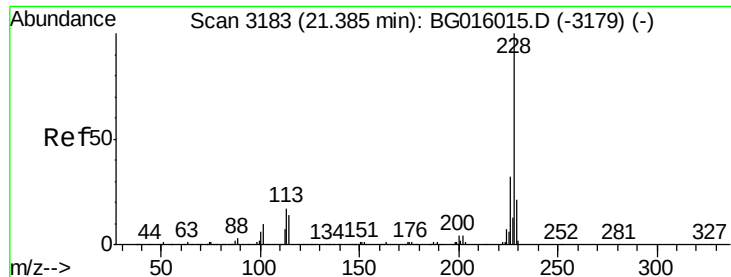
Tgt Ion: 228 Resp: 1433  
Ion Ratio Lower Upper  
228 100  
229 27.8 16.4 24.6#  
226 0.0 22.8 34.2#



#81  
Bis(2-ethylhexyl)phthalate  
Concen: 0.00 ng/ul  
RT: 21.20 min Scan# 3152  
Delta R.T. -0.06 min  
Lab File: BG016016.D  
Acq: 20 Feb 2015 00:35

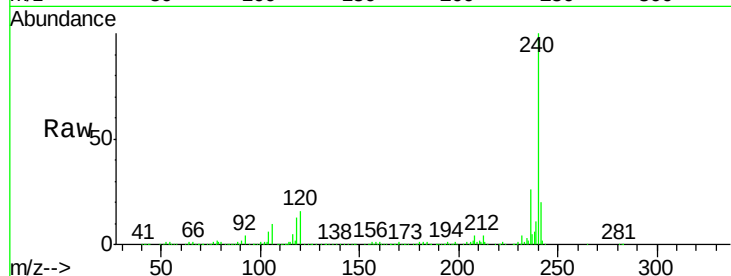
Tgt Ion: 149 Resp: 65  
Ion Ratio Lower Upper  
149 100  
167 0.0 25.5 38.3#  
279 0.0 6.0 9.0#



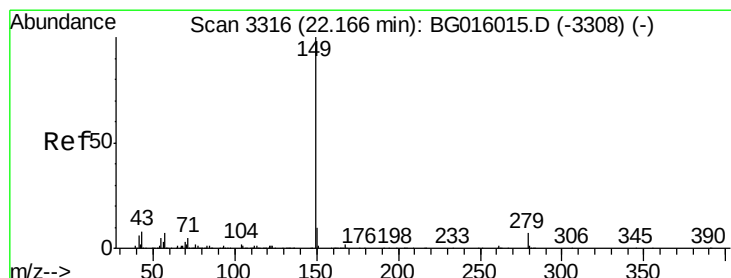
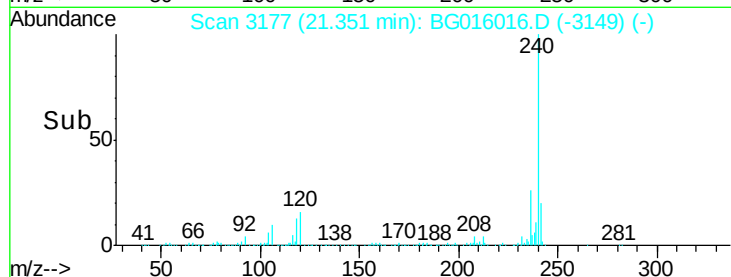
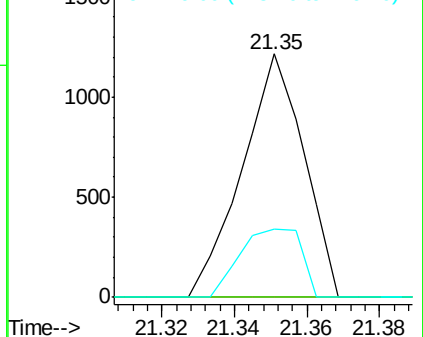


#82  
Chrysene  
Concen: 0.05 ng/ul  
RT: 21.35 min Scan# 3177  
Delta R.T. -0.03 min  
Lab File: BG016016.D  
Acq: 20 Feb 2015 00:35

Tgt Ion: 228 Resp: 1433  
Ion Ratio Lower Upper  
228 100  
226 0.0 24.7 37.1#  
229 27.8 17.0 25.6#

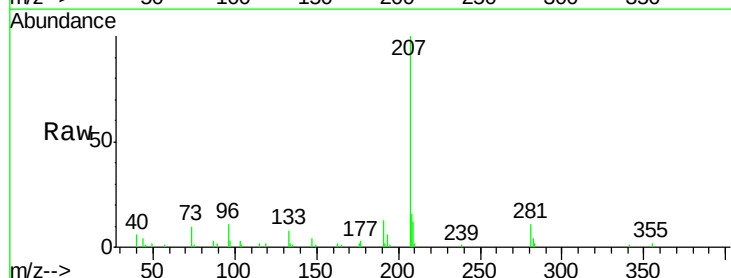


Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

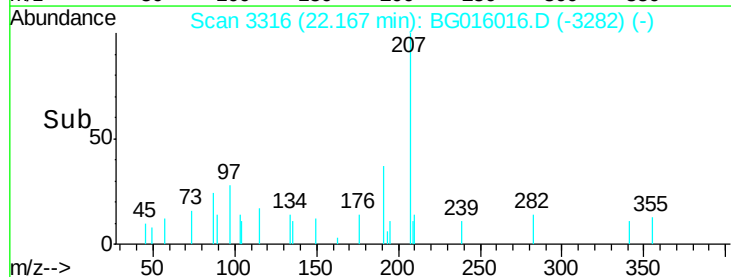
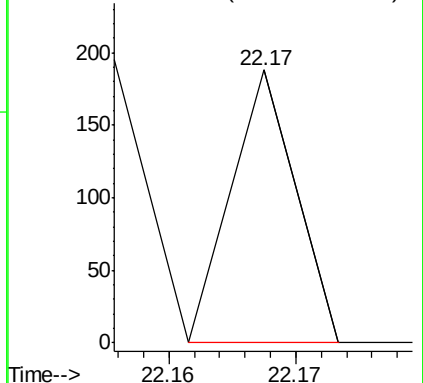


#84  
Di-n-octyl phthalate  
Concen: 0.00 ng/ul  
RT: 22.17 min Scan# 3316  
Delta R.T. 0.00 min  
Lab File: BG016016.D  
Acq: 20 Feb 2015 00:35

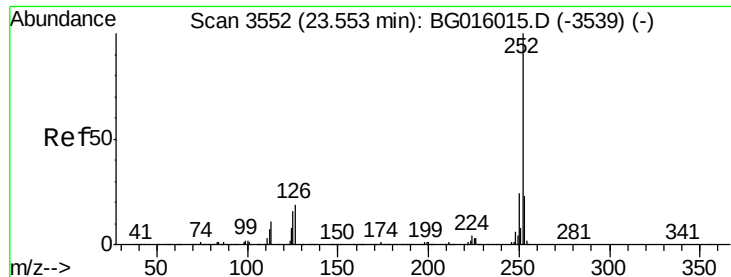
Tgt Ion: 149 Resp: 66



Abundance Ion 149.00 (148.70 to 149.70): E







#88

Benzo(a)pyrene

Concen: 0.04 ng/ul

RT: 23.52 min Scan# 3546

Delta R.T. -0.03 min

Lab File: BG016016.D

Acq: 20 Feb 2015 00:35

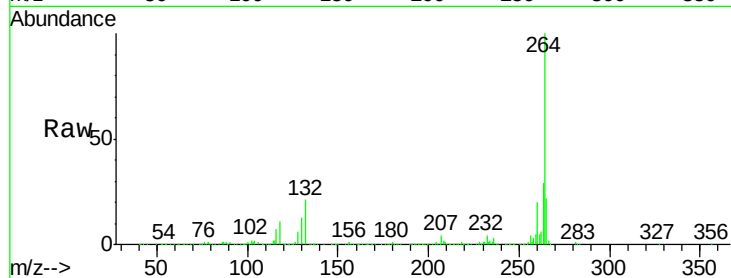
Tgt Ion: 252 Resp: 1122

Ion Ratio Lower Upper

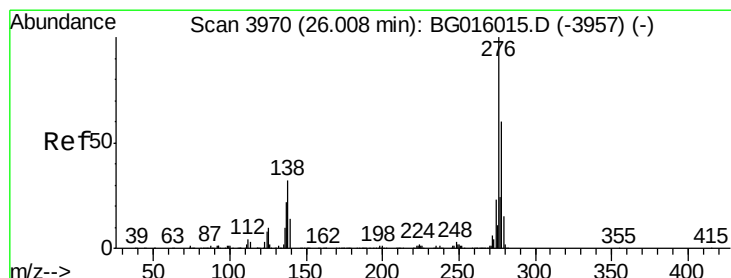
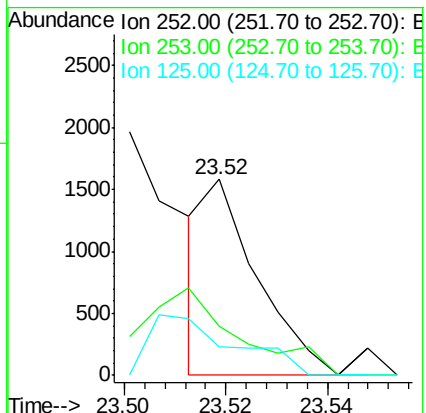
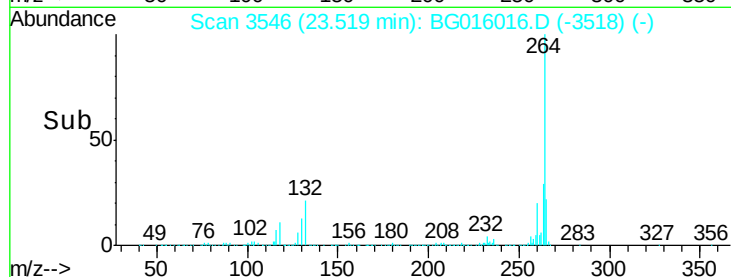
252 100

253 25.1 17.9 26.9

125 14.6 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: 0.01 ng/ul

RT: 26.00 min Scan# 3969

Delta R.T. -0.00 min

Lab File: BG016016.D

Acq: 20 Feb 2015 00:35

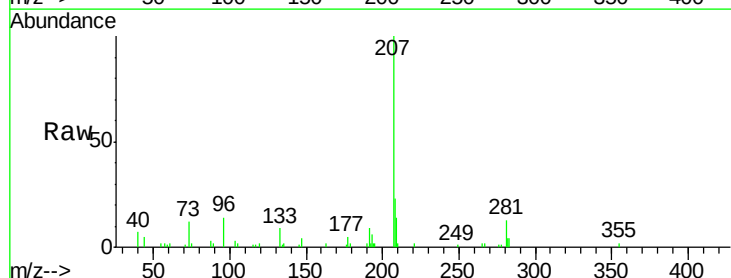
Tgt Ion: 276 Resp: 186

Ion Ratio Lower Upper

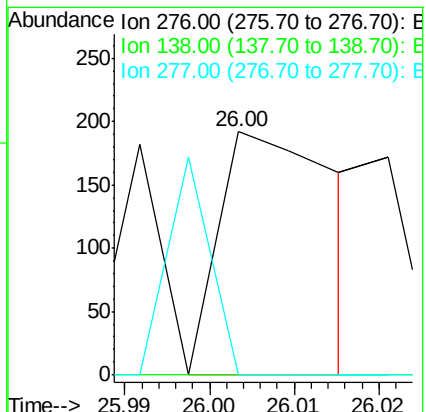
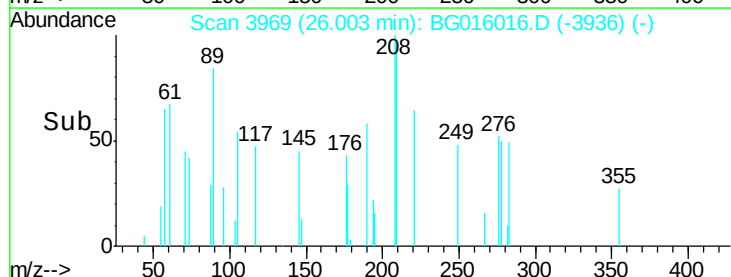
276 100

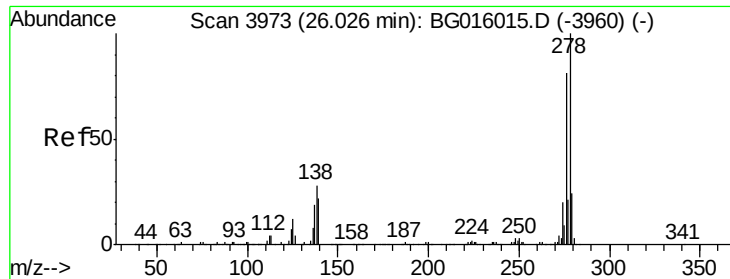
138 0.0 26.2 39.4#

277 0.0 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: 0.01 ng/ul

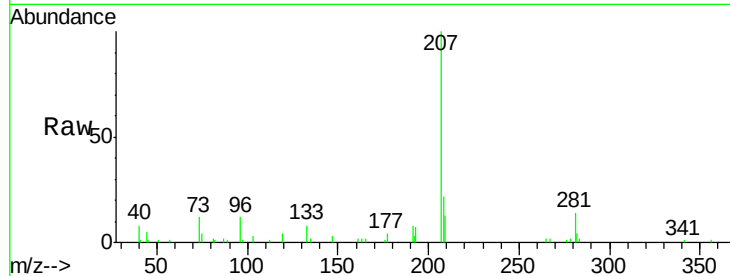
RT: 26.02 min Scan# 3971

Delta R.T. -0.01 min

Lab File: BG016016.D

Acq: 20 Feb 2015 00:35

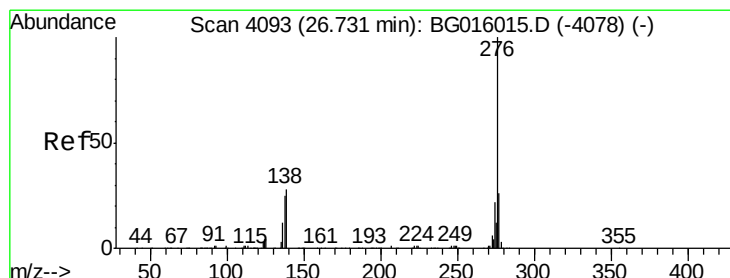
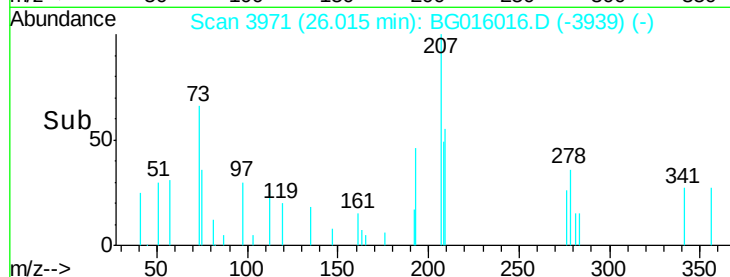
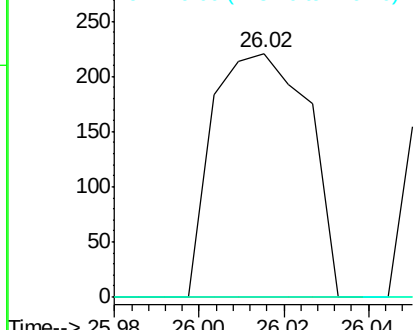
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 278   | Resp: | 348   |
| Ion      | Ratio | Lower | Upper |
| 278      | 100   |       |       |
| 139      | 0.0   | 17.0  | 25.4# |
| 279      | 0.0   | 19.3  | 28.9# |



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: 0.02 ng/ul

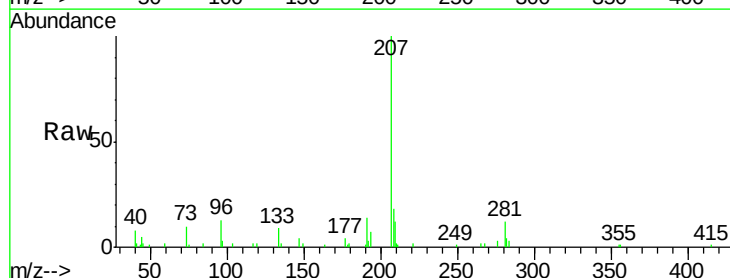
RT: 26.73 min Scan# 4092

Delta R.T. -0.00 min

Lab File: BG016016.D

Acq: 20 Feb 2015 00:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 504   |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 138      | 0.0   | 23.0  | 34.4# |
| 277      | 0.0   | 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

