

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080516\  
 Data File : BG023492.D  
 Acq On : 5 Aug 2016 17:48  
 Operator : UM/SJ  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Aug 05 23:16:01 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 30 02:24:23 2004  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.12  | 152  | 119232   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.95 | 136  | 578276   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.78 | 164  | 405053   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.54 | 188  | 980922   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.86 | 240  | 995479   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.23 | 264  | 963616   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.49  | 96  | 19336   | 6.89  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.27  | 99  | 254134  | 21.16 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.43  | 67  | 167744  | 21.80 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.65  | 132 | 174040  | 21.24 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.83  | 113 | 200393  | 21.37 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.29  | 128 | 91649   | 20.11 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.02 | 143 | 114657  | 21.90 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.57 | 165 | 210257  | 21.29 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.09 | 131 | 261385  | 22.56 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.18 | 166 | 698834  | 21.07 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.48 | 160 | 799626  | 21.42 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.99 | 143 | 111425  | 19.68 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.78 | 176 | 621259  | 20.27 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.90 | 200 | 134524  | 21.38 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.64 | 188 | 961799  | 21.76 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.93 | 212 | 1064021 | 21.12 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.00 | 264 | 949097  | 21.76 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       | Ovalue    |
|--------------------------------|-------|-----|--------|-------|-----------|
| 2) 1,4-Dioxane                 | 3.52  | 88  | 25258  | 8.58  | ng/uL# 90 |
| 4) Benzaldehyde                | 7.25  | 77  | 172782 | 23.60 | ng/ul# 82 |
| 6) Phenol                      | 7.30  | 94  | 263971 | 21.10 | ng/ul# 74 |
| 8) Bis(2-Chloroethyl)ether     | 7.53  | 93  | 197372 | 21.74 | ng/ul# 86 |
| 10) 2-Chlorophenol             | 7.68  | 128 | 177313 | 21.25 | ng/ul# 84 |
| 11) 2-Methylphenol             | 8.56  | 108 | 199905 | 21.22 | ng/ul 89  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.65  | 45  | 275984 | 22.21 | ng/ul 99  |
| 14) Acetophenone               | 8.94  | 105 | 335820 | 22.33 | ng/ul# 81 |
| 15) N-Nitroso-di-n-propylamine | 8.93  | 70  | 198544 | 21.94 | ng/ul# 85 |
| 16) 4-Methylphenol             | 8.89  | 108 | 226671 | 21.47 | ng/ul 97  |
| 17) Hexachloroethane           | 9.21  | 117 | 75880  | 21.07 | ng/ul# 85 |
| 20) Nitrobenzene               | 9.34  | 77  | 271654 | 20.33 | ng/ul# 85 |
| 21) Isophorone                 | 9.85  | 82  | 518661 | 21.11 | ng/ul# 93 |
| 23) 2-Nitrophenol              | 10.05 | 139 | 118149 | 20.90 | ng/ul# 64 |
| 24) 2,4-Dimethylphenol         | 10.11 | 107 | 257816 | 20.79 | ng/ul 92  |
| 25) Bis(2-Chloroethoxy)methane | 10.34 | 93  | 290011 | 20.46 | ng/ul 99  |
| 27) 2,4-Dichlorophenol         | 10.59 | 162 | 201364 | 20.22 | ng/ul 96  |
| 28) Naphthalene                | 11.00 | 128 | 617867 | 21.05 | ng/ul 98  |
| 30) 4-Chloroaniline            | 11.11 | 127 | 257605 | 22.40 | ng/ul 100 |
| 31) Hexachlorobutadiene        | 11.28 | 225 | 137297 | 20.70 | ng/ul 94  |
| 32) Caprolactam                | 11.86 | 113 | 76265  | 18.44 | ng/ul# 45 |
| 33) 4-Chloro-3-methylphenol    | 12.23 | 107 | 254127 | 19.83 | ng/ul 86  |
| 34) 2-Methylnaphthalene        | 12.60 | 142 | 483509 | 20.31 | ng/ul 97  |

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 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Aug 05 23:16:01 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 30 02:24:23 2004  
 Response via : Initial Calibration

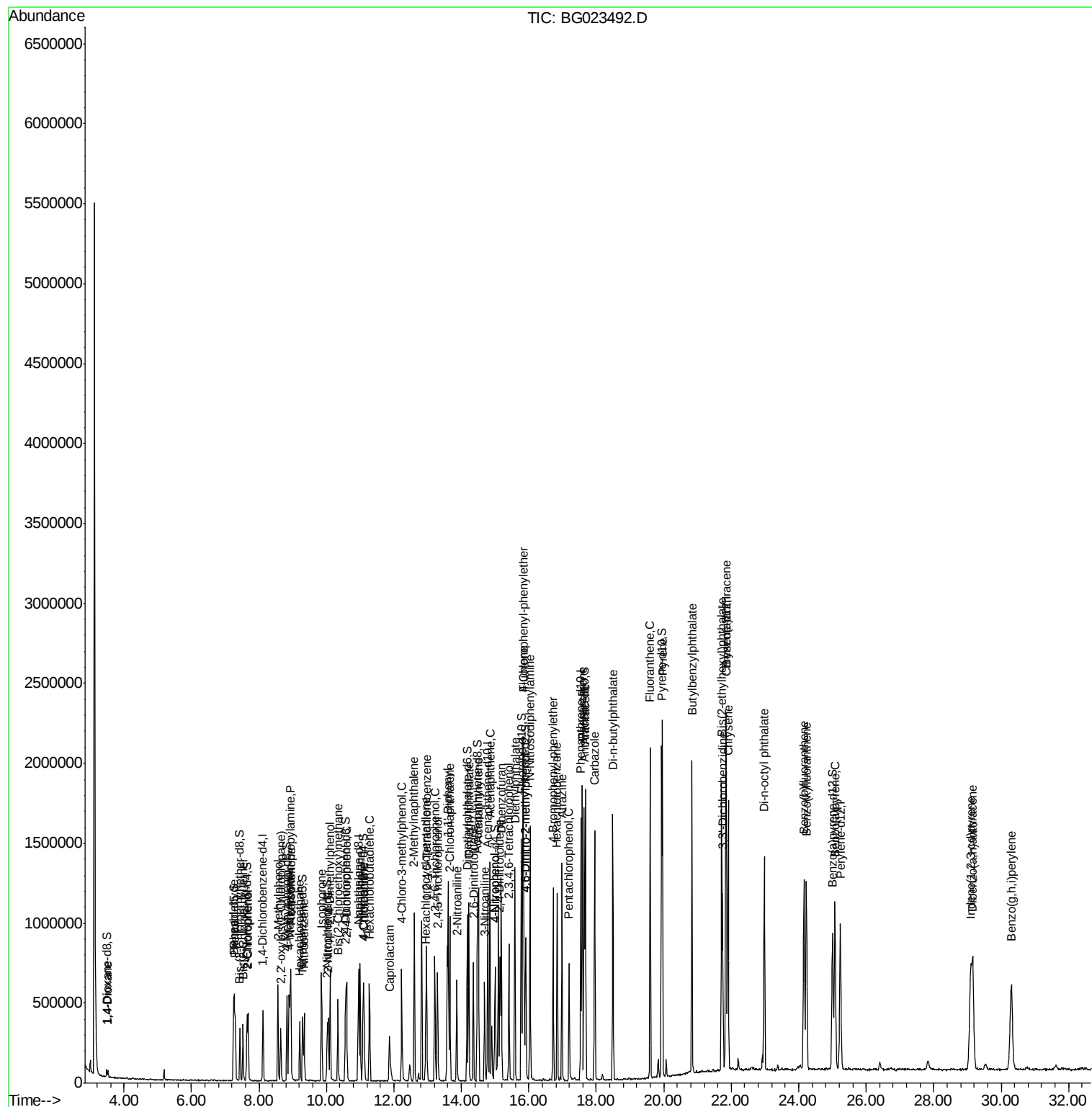
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| -----                          |       |      |          |       |        |          |
| 36) 1,2,4,5-Tetrachlorobenzene | 12.97 | 216  | 276303   | 22.22 | ng/ul# | 96       |
| 37) Hexachlorocyclopentadiene  | 12.94 | 237  | 142157   | 20.67 | ng/ul  | 96       |
| 38) 2,4,6-Trichlorophenol      | 13.21 | 196  | 184371   | 21.40 | ng/ul  | 93       |
| 39) 2,4,5-Trichlorophenol      | 13.29 | 196  | 192450   | 20.84 | ng/ul  | 98       |
| 40) 1,1'-Biphenyl              | 13.61 | 154  | 647472   | 21.75 | ng/ul  | 99       |
| 41) 2-Chloronaphthalene        | 13.66 | 162  | 501536   | 21.67 | ng/ul  | 97       |
| 42) 2-Nitroaniline             | 13.86 | 65   | 199388   | 21.10 | ng/ul# | 69       |
| 44) Dimethylphthalate          | 14.23 | 163  | 682548   | 20.78 | ng/ul  | 99       |
| 45) 2,6-Dinitrotoluene         | 14.35 | 165  | 148877   | 20.91 | ng/ul# | 88       |
| 47) Acenaphthylene             | 14.51 | 152  | 834269   | 21.37 | ng/ul  | 98       |
| 48) 3-Nitroaniline             | 14.69 | 138  | 141704   | 21.17 | ng/ul# | 55       |
| 49) Acenaphthene               | 14.85 | 153  | 554871   | 20.86 | ng/ul  | 96       |
| 52) 4-Nitrophenol              | 15.00 | 109  | 111353   | 19.64 | ng/ul# | 74       |
| 53) Dibenzofuran               | 15.18 | 168  | 822491   | 20.87 | ng/ul  | 89       |
| 54) 2,4-Dinitrotoluene         | 15.15 | 165  | 215094   | 19.94 | ng/ul# | 75       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.41 | 232  | 184732   | 19.48 | ng/ul# | 95       |
| 56) Diethylphthalate           | 15.59 | 149  | 703578   | 20.50 | ng/ul  | 94       |
| 58) Fluorene                   | 15.83 | 166  | 675182   | 20.56 | ng/ul  | 98       |
| 59) 4-Chlorophenyl-phenylether | 15.82 | 204  | 342385   | 20.73 | ng/ul  | 99       |
| 63) 4,6-Dinitro-2-methylphenol | 15.91 | 198  | 136771   | 20.70 | ng/ul# | 77       |
| 64) N-Nitrosodiphenylamine     | 16.03 | 169  | 604685   | 22.06 | ng/ul  | 96       |
| 65) 4-Bromophenyl-phenylether  | 16.72 | 248  | 235595   | 20.94 | ng/ul  | 95       |
| 66) Hexachlorobenzene          | 16.84 | 284  | 264442   | 22.07 | ng/ul  | 94       |
| 67) Atrazine                   | 16.99 | 200  | 248518   | 21.95 | ng/ul  | 98       |
| 68) Pentachlorophenol          | 17.19 | 266  | 132633   | 20.06 | ng/ul  | 93       |
| 69) Phenanthrene               | 17.59 | 178  | 1103345  | 21.72 | ng/ul  | 98       |
| 71) Anthracene                 | 17.68 | 178  | 1143774  | 22.07 | ng/ul  | 98       |
| 72) Carbazole                  | 17.95 | 167  | 1002166  | 23.99 | ng/ul  | 99       |
| 73) Di-n-butylphthalate        | 18.49 | 149  | 1188784  | 22.72 | ng/ul# | 94       |
| 74) Fluoranthene               | 19.60 | 202  | 1311483  | 25.22 | ng/ul# | 92       |
| 77) Pyrene                     | 19.96 | 202  | 1317865  | 21.41 | ng/ul  | 94       |
| 78) Butylbenzylphthalate       | 20.83 | 149  | 534892   | 22.66 | ng/ul# | 85       |
| 79) 3,3'-Dichlorobenzidine     | 21.74 | 252  | 400980   | 22.86 | ng/ul# | 98       |
| 80) Benzo(a)anthracene         | 21.84 | 228  | 1212308  | 21.62 | ng/ul  | 96       |
| 81) Bis(2-ethylhexyl)phthalate | 21.71 | 149  | 713600   | 22.74 | ng/ul# | 96       |
| 82) Chrysene                   | 21.91 | 228  | 1111138  | 21.80 | ng/ul  | 97       |
| 84) Di-n-octyl phthalate       | 22.98 | 149  | 1189829  | 24.45 | ng/ul  | 100      |
| 85) Benzo(b)fluoranthene       | 24.16 | 252  | 1187325  | 21.66 | ng/ul# | 93       |
| 86) Benzo(k)fluoranthene       | 24.22 | 252  | 1174528  | 21.77 | ng/ul# | 91       |
| 88) Benzo(a)pyrene             | 25.08 | 252  | 1130513  | 21.36 | ng/ul# | 94       |
| 89) Indeno(1,2,3-cd)pyrene     | 29.10 | 276  | 1326104  | 21.33 | ng/ul# | 86       |
| 90) Dibenzo(a,h)anthracene     | 29.16 | 278  | 1125898  | 21.23 | ng/ul# | 91       |
| 91) Benzo(g,h,i)perylene       | 30.30 | 276  | 607106   | 11.78 | ng/ul# | 86       |
| -----                          |       |      |          |       |        |          |

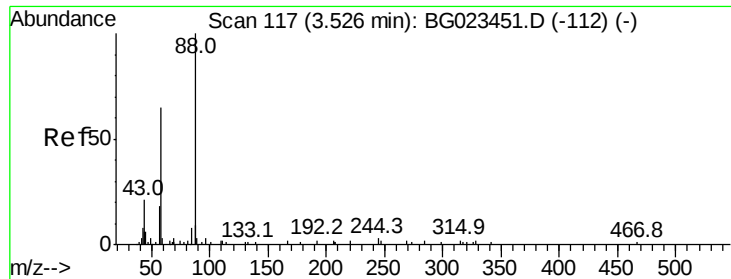
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Data Path : Z:\HPCHEM1\BNA G\DATA\BG080516\  
Data File : BG023492.D  
Acq On : 5 Aug 2016 17:48  
Operator : UM/SJ  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampled :

Quant Time: Aug 05 23:16:01 2016  
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Aug 30 02:24:23 2004  
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 8.58 ng/uL

RT: 3.52 min Scan# 116

Delta R.T. 0.00 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

Instrument :

BNA\_G

ClientSampleId :

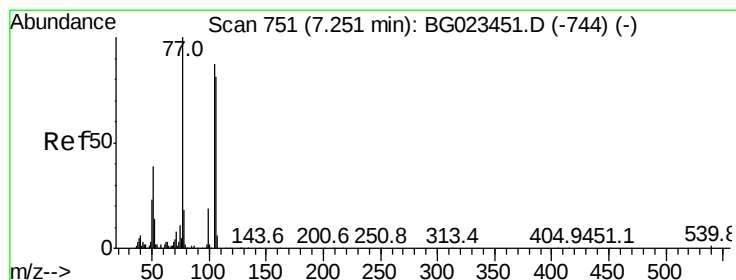
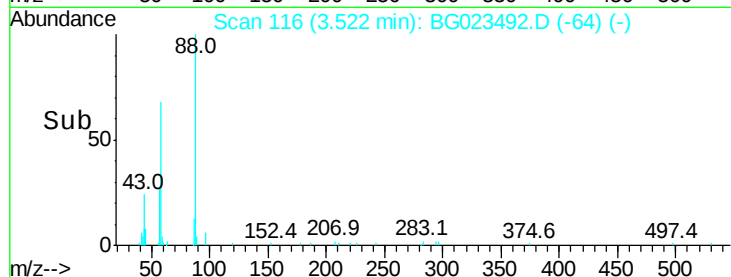
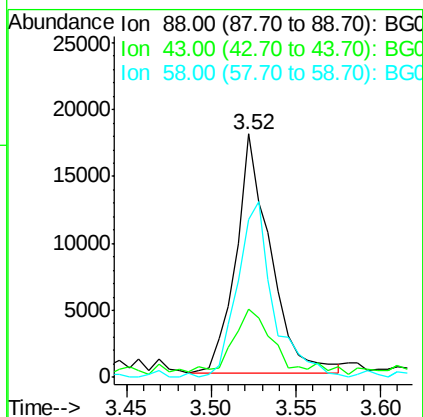
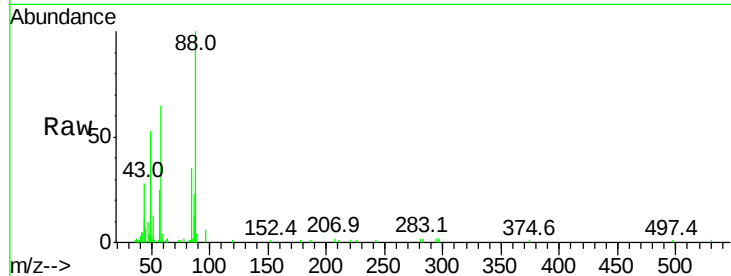
Tot Ion: 88 Resp: 25258

Ion Ratio Lower Upper

88 100

43 28.0 16.6 24.8#

58 64.9 47.2 70.8



#4

Benzaldehyde

Concen: 23.60 ng/uL

RT: 7.25 min Scan# 750

Delta R.T. -0.00 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

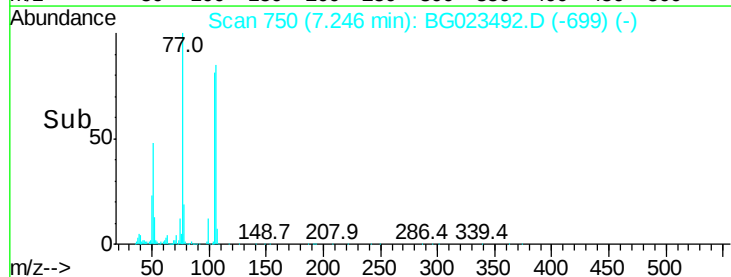
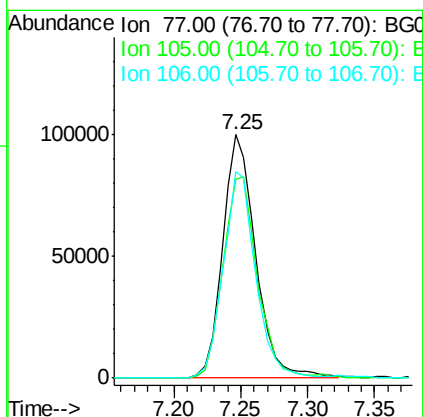
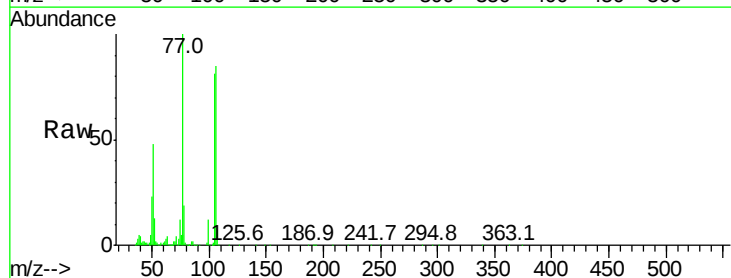
Tgt Ion: 77 Resp: 172782

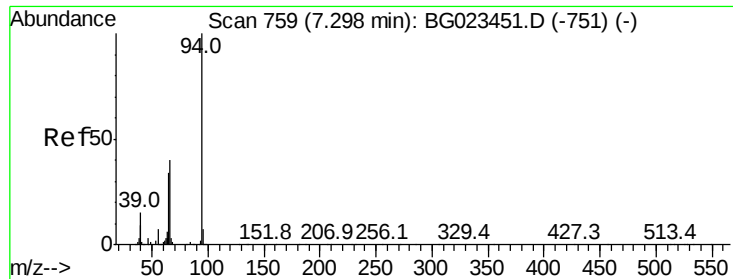
Ion Ratio Lower Upper

77 100

105 81.5 83.8 125.8#

106 84.6 77.9 116.9





#6

Phenol

Concen: 21.10 ng/ul

RT: 7.30 min Scan# 759

Delta R.T. 0.00 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

Instrument :

BNA\_G

ClientSampled :

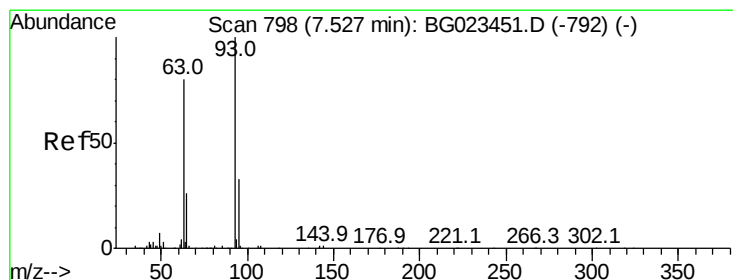
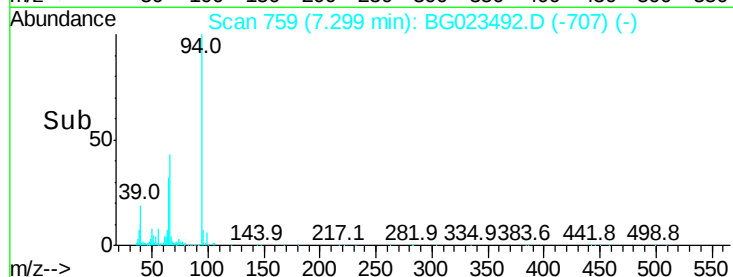
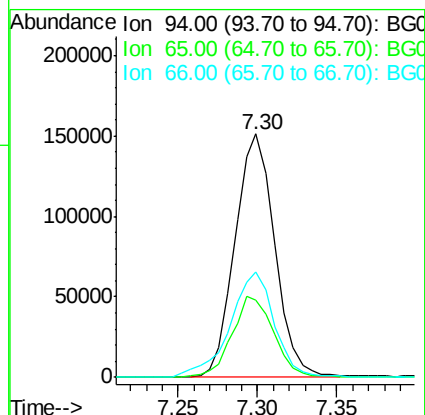
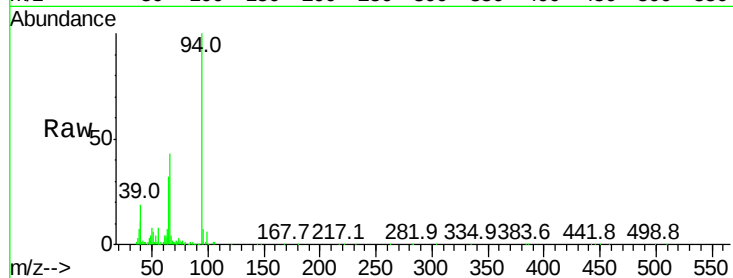
Tot Ion: 94 Resp: 263971

Ion Ratio Lower Upper

94 100

65 31.6 16.8 25.2#

66 43.1 22.6 33.8#



#8

Bis(2-Chloroethyl)ether

Concen: 21.74 ng/ul

RT: 7.53 min Scan# 798

Delta R.T. 0.00 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

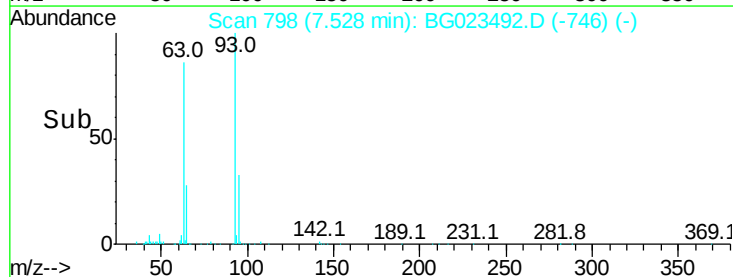
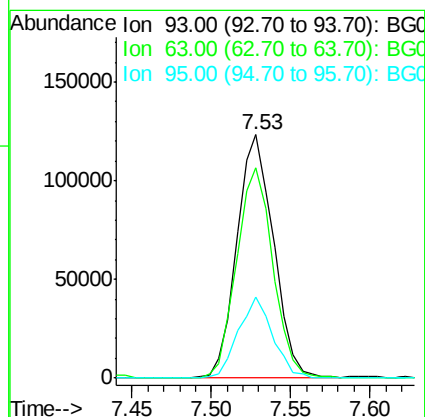
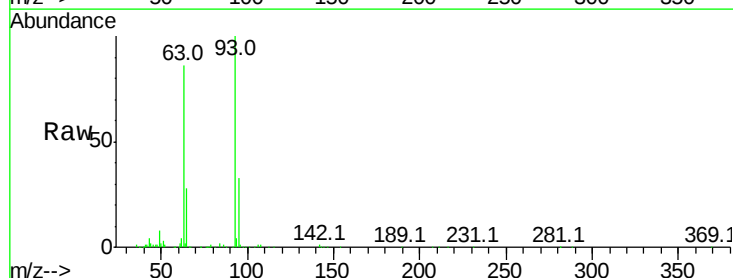
Tgt Ion: 93 Resp: 197372

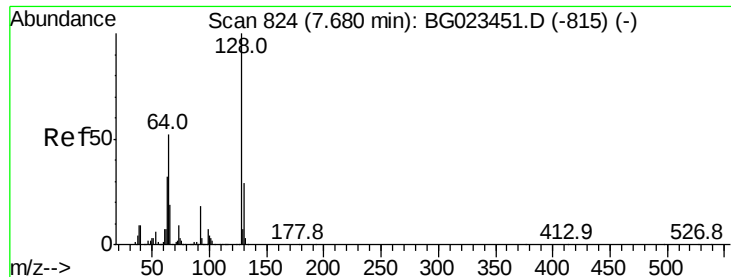
Ion Ratio Lower Upper

93 100

63 86.5 56.0 84.0#

95 33.1 27.7 41.5

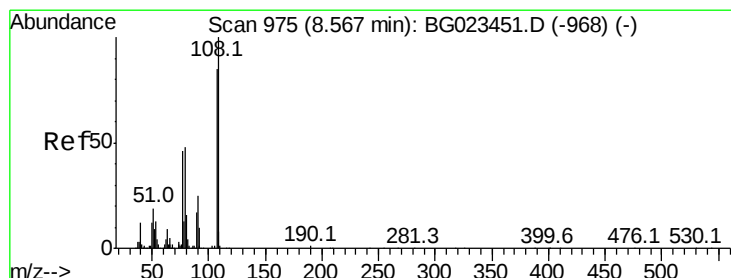
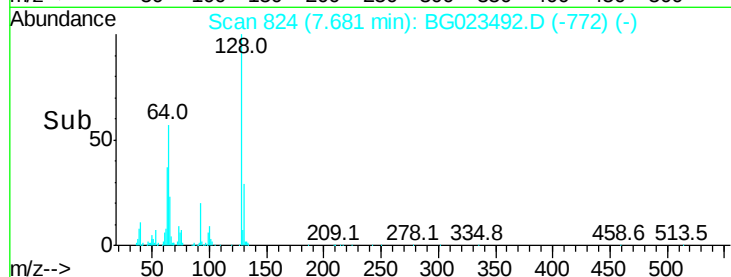
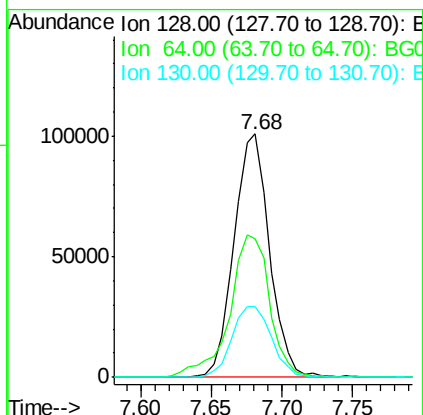
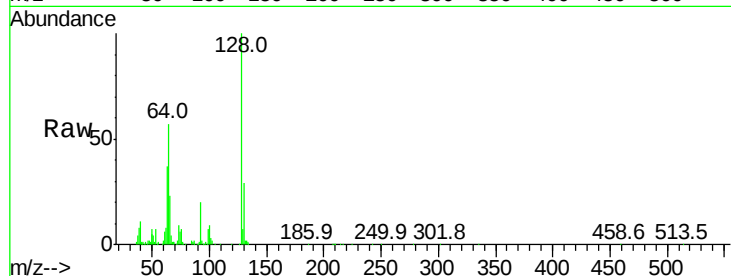




#10  
2-Chlorophenol  
Concen: 21.25 ng/ul  
RT: 7.68 min Scan# 824  
Delta R.T. 0.00 min  
Lab File: BG023492.D  
Acq: 5 Aug 2016 17:48

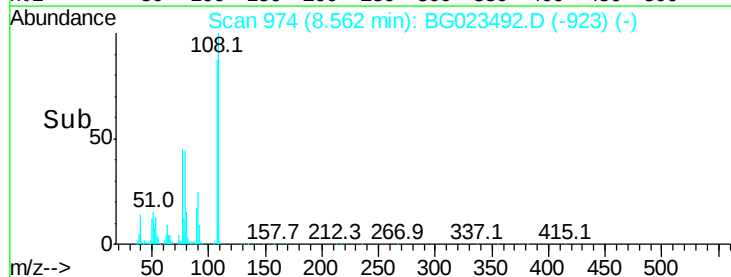
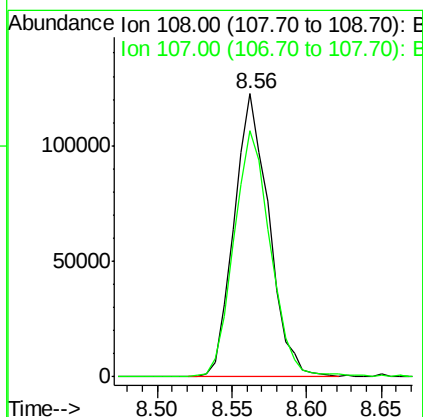
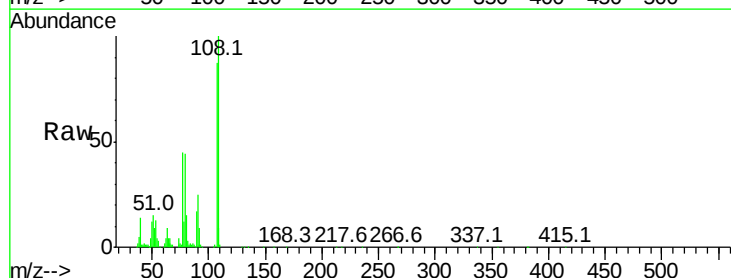
Instrument :  
BNA\_G  
ClientSampleId :

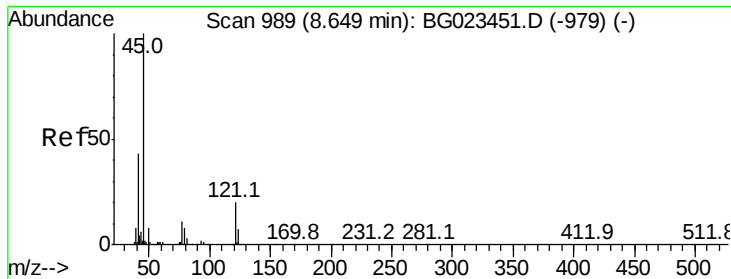
Tot Ion:128 Resp: 177313  
Ion Ratio Lower Upper  
128 100  
64 57.2 34.2 51.4#  
130 29.0 27.0 40.4



#11  
2-Methylphenol  
Concen: 21.22 ng/ul  
RT: 8.56 min Scan# 974  
Delta R.T. -0.00 min  
Lab File: BG023492.D  
Acq: 5 Aug 2016 17:48

Tgt Ion:108 Resp: 199905  
Ion Ratio Lower Upper  
108 100  
107 86.9 78.6 117.8





#12

2,2'-oxvbis(1-Chloropropane)

Concen: 22.21 ng/ul

RT: 8.65 min Scan# 989

Delta R.T. -0.00 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

Instrument :

BNA\_G

ClientSampleId :

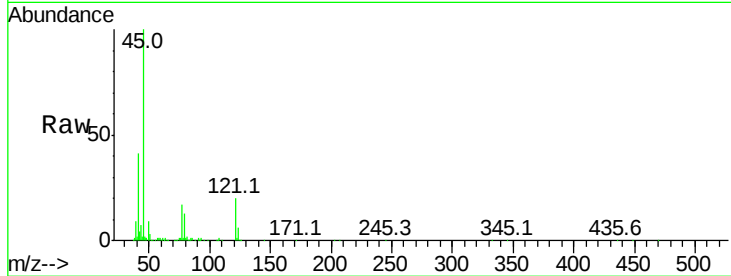
Tot Ion: 45 Resp: 275984

Ion Ratio Lower Upper

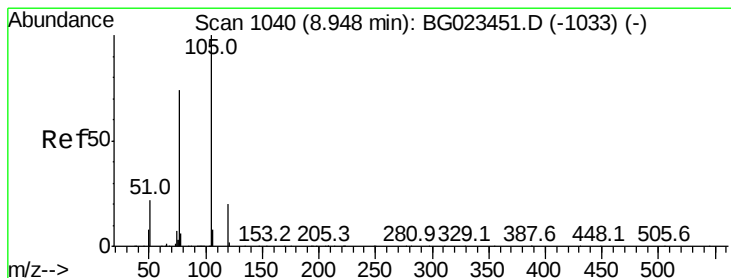
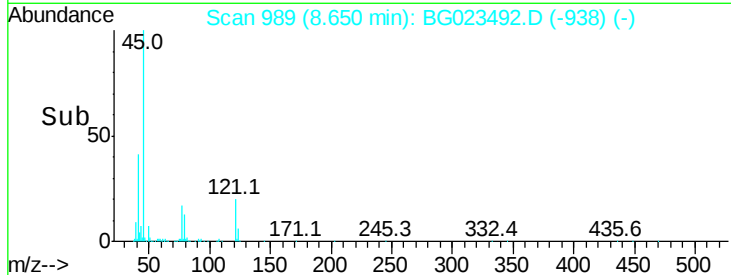
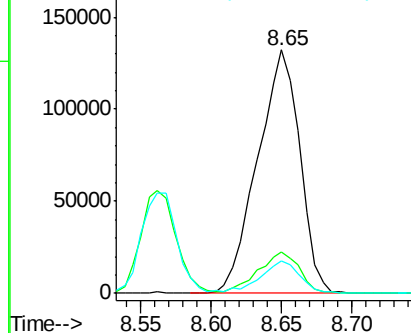
45 100

77 17.1 13.4 20.2

79 13.5 10.2 15.4



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



#14

Acetophenone

Concen: 22.33 ng/ul

RT: 8.94 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

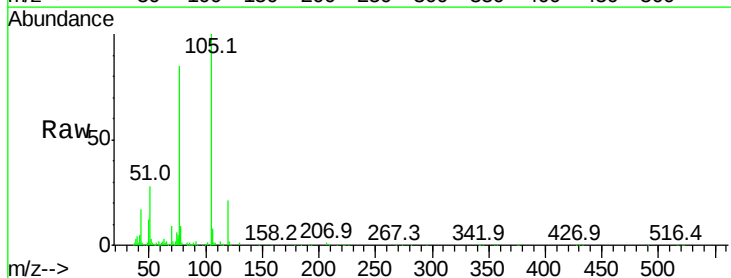
Tgt Ion: 105 Resp: 335820

Ion Ratio Lower Upper

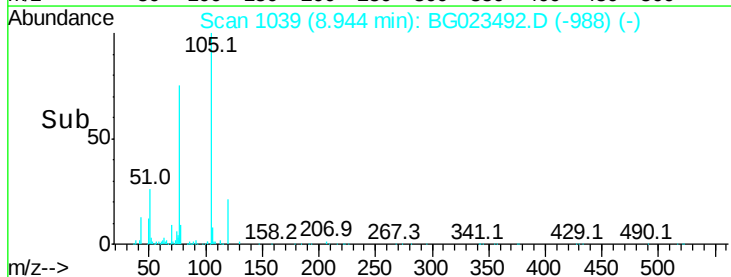
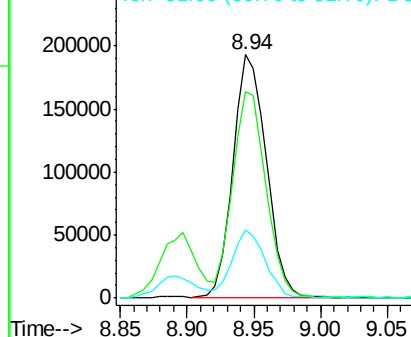
105 100

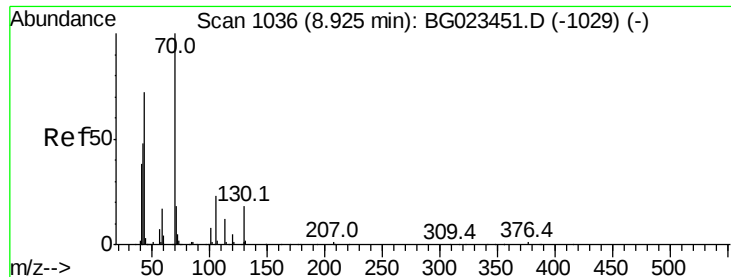
77 85.0 56.1 84.1#

51 27.9 14.6 22.0#



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





#15

N-Nitroso-di-n-propylamine

Concen: 21.94 ng/ul

RT: 8.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 70 Resp: 198544

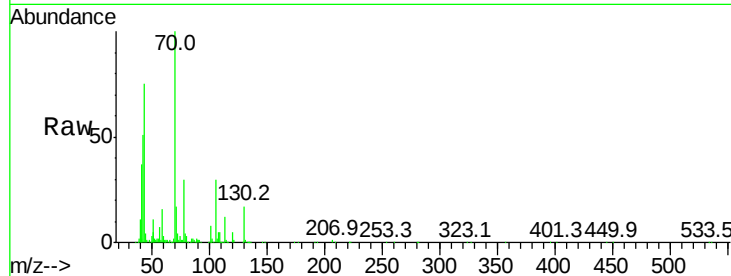
Ion Ratio Lower Upper

70 100

42 50.7 31.4 47.2#

101 8.3 8.6 13.0#

130 17.1 19.0 28.4#

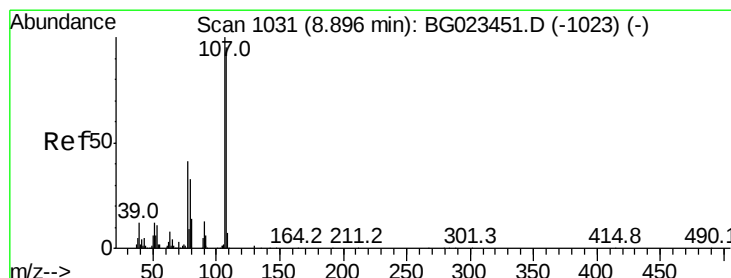
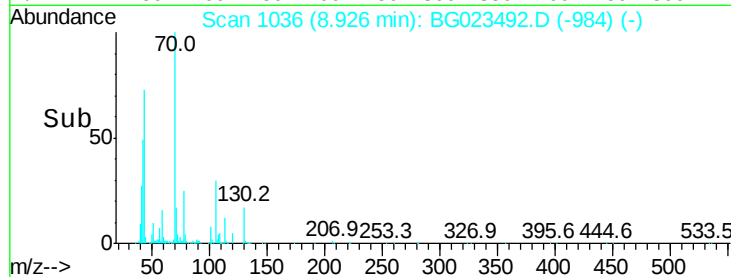
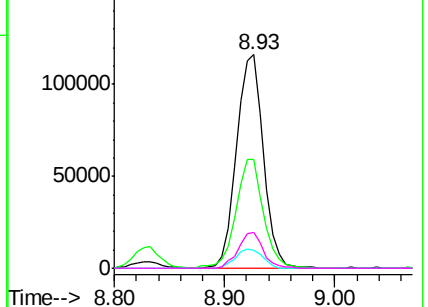


Abundance Ion 70.00 (69.70 to 70.70): BG0

Ion 42.00 (41.70 to 42.70): BG0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 21.47 ng/ul

RT: 8.89 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BG023492.D

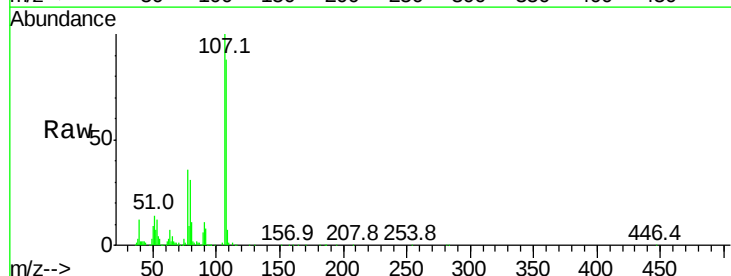
Acq: 5 Aug 2016 17:48

Tgt Ion:108 Resp: 226671

Ion Ratio Lower Upper

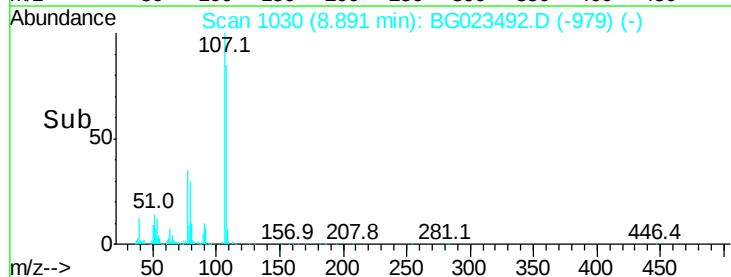
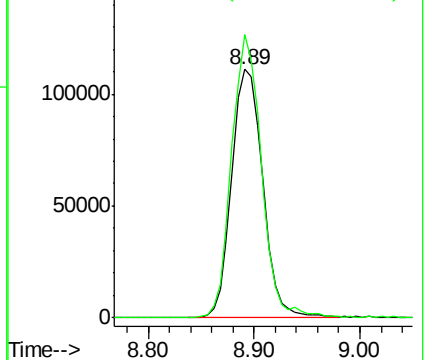
108 100

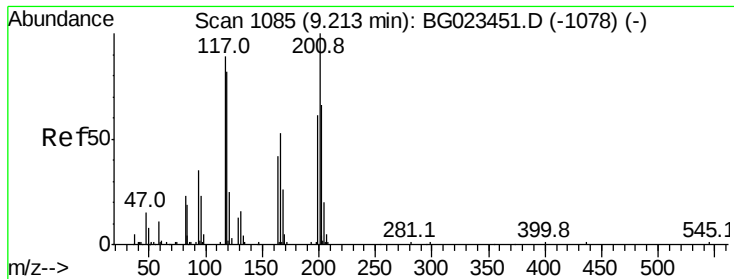
107 113.8 88.3 132.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 21.07 ng/ul

RT: 9.21 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

Instrument :

BNA\_G

ClientSampleId :

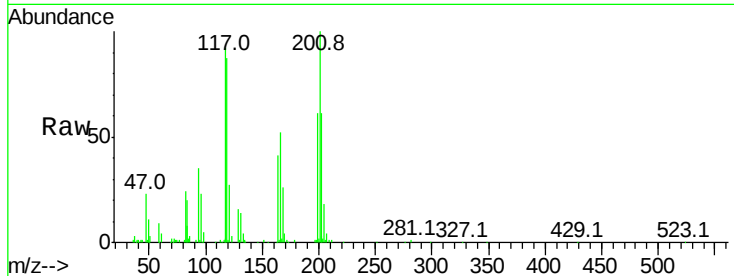
Tot Ion:117 Resp: 75880

Ion Ratio Lower Upper

117 100

201 109.2 76.8 115.2

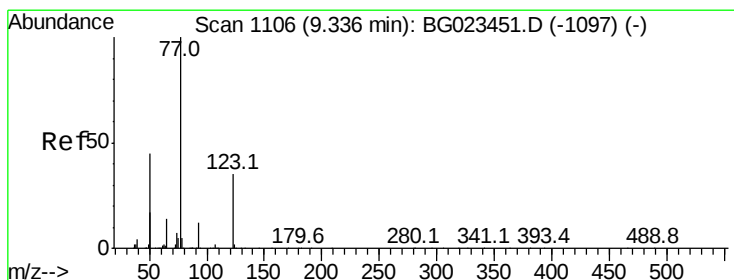
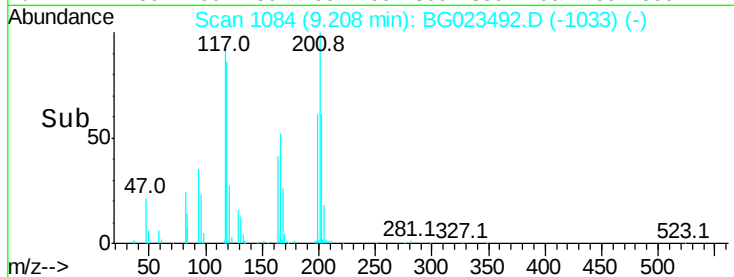
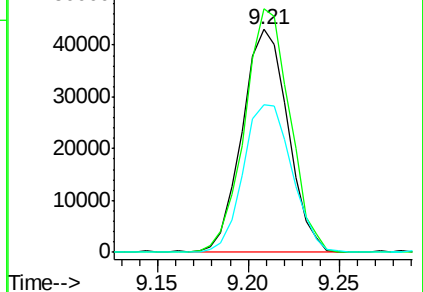
199 66.3 43.5 65.3#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 20.33 ng/ul

RT: 9.34 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

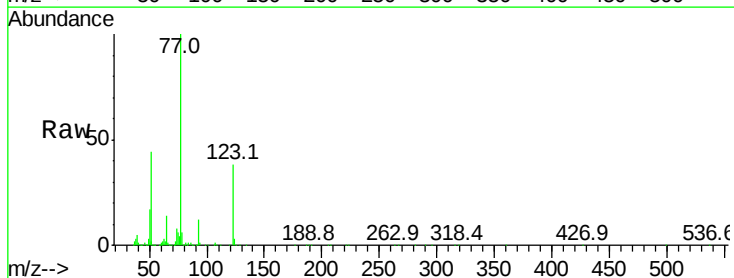
Tgt Ion: 77 Resp: 271654

Ion Ratio Lower Upper

77 100

123 37.9 39.5 59.3#

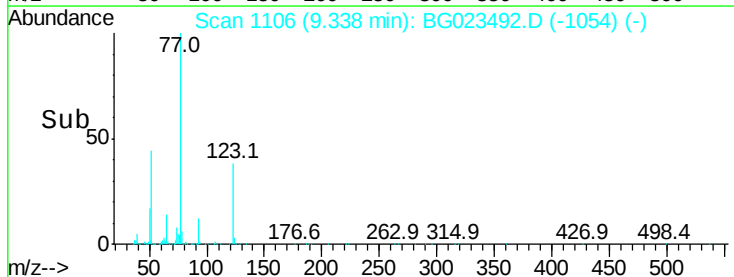
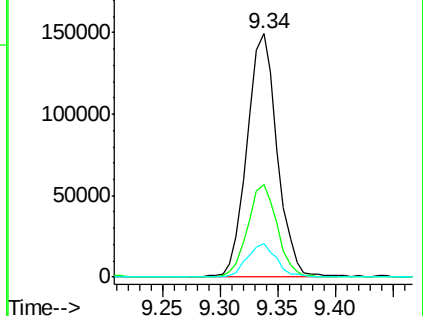
65 14.0 9.0 13.4#

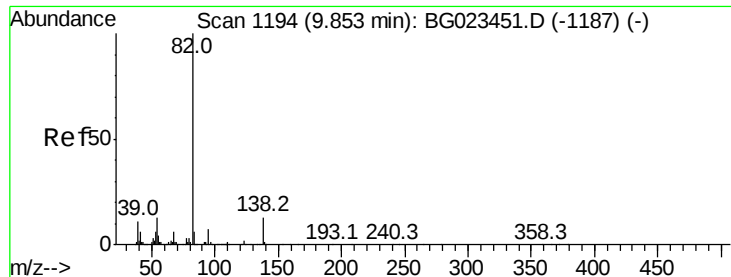


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#21

Isophorone

Concen: 21.11 ng/ul

RT: 9.85 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

Instrument :

BNA\_G

ClientSampleId :

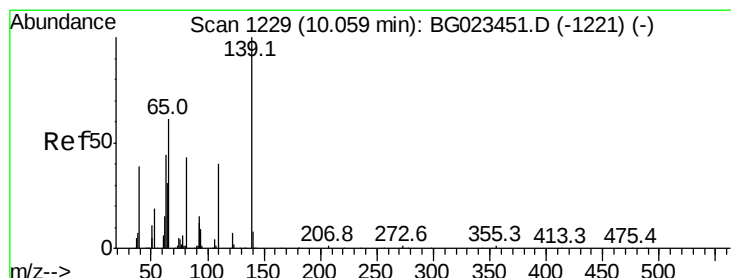
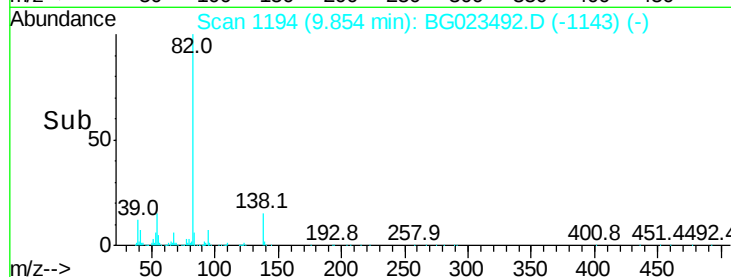
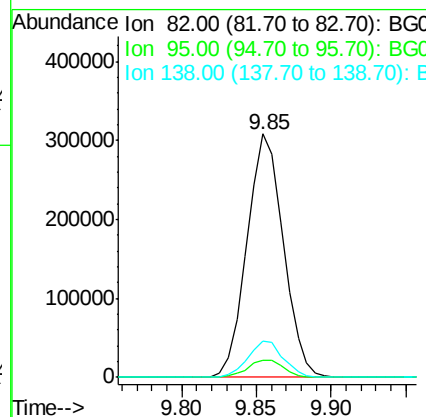
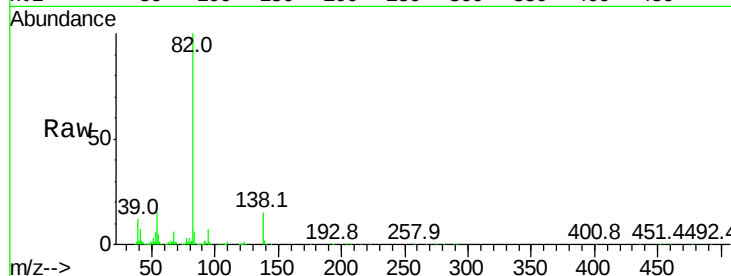
Tot Ion: 82 Resp: 518661

Ion Ratio Lower Upper

82 100

95 7.2 5.1 7.7

138 15.0 15.0 22.6#



#23

2-Nitrophenol

Concen: 20.90 ng/ul

RT: 10.05 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

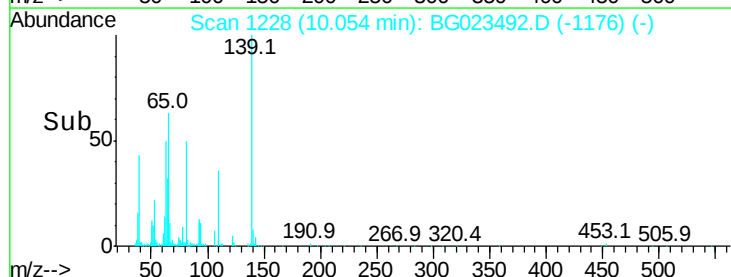
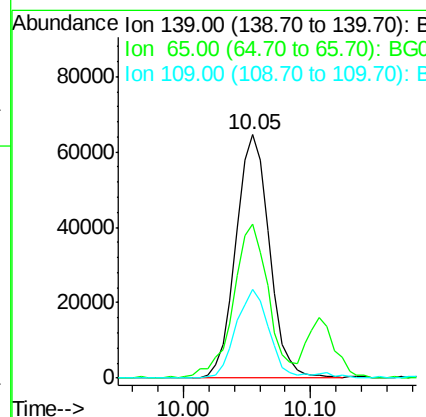
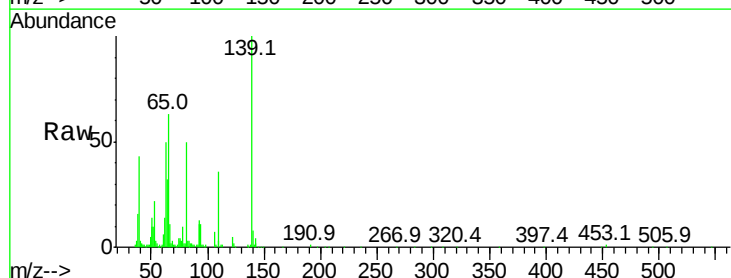
Tgt Ion: 139 Resp: 118149

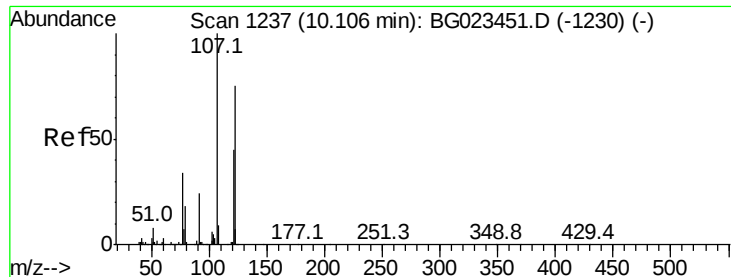
Ion Ratio Lower Upper

139 100

65 63.2 31.8 47.8#

109 36.2 17.1 25.7#

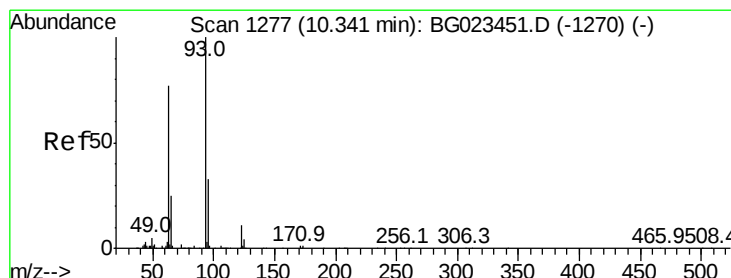
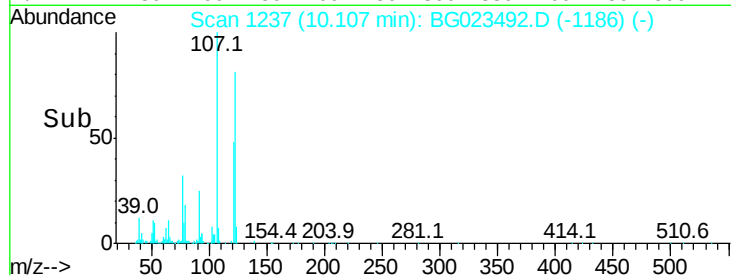
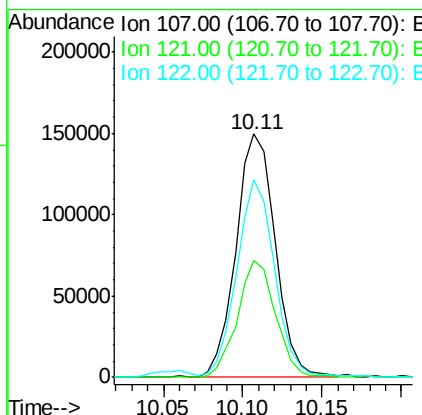
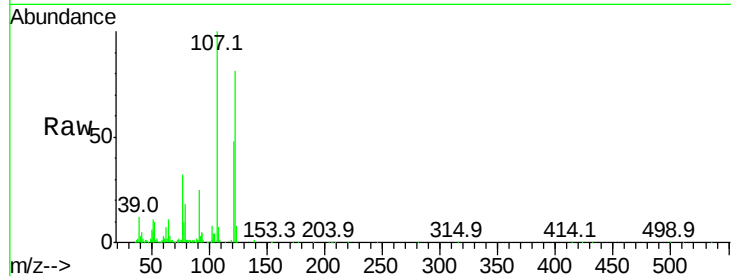




#24  
 2,4-Dimethylphenol  
 Concen: 20.79 ng/ul  
 RT: 10.11 min Scan# 1237  
 Delta R.T. -0.00 min  
 Lab File: BG023492.D  
 Acq: 5 Aug 2016 17:48

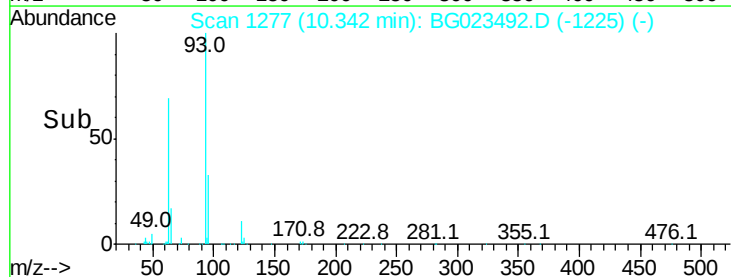
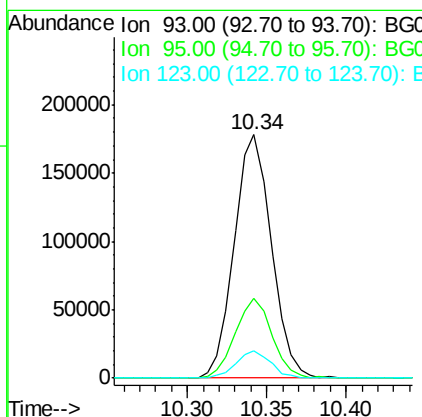
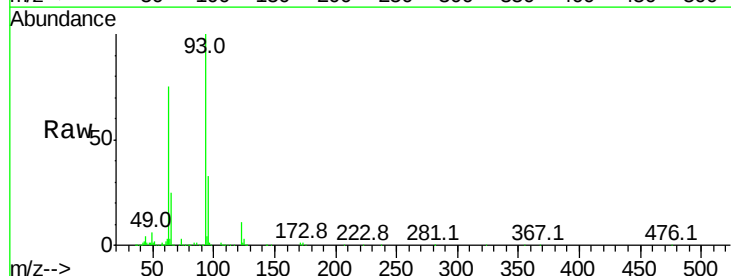
Instrument :  
 BNA\_G  
 ClientSampleId :

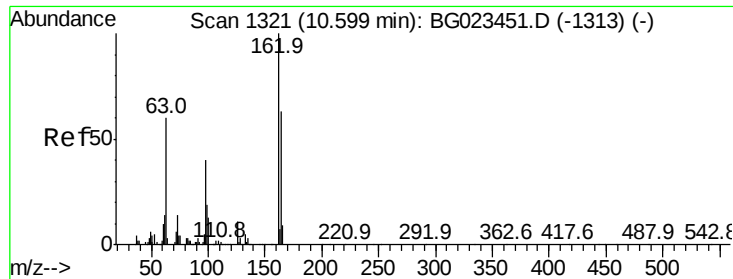
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 121     | 48.0  | 43.7  | 65.5  |
| 122     | 81.0  | 70.3  | 105.5 |



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 20.46 ng/ul  
 RT: 10.34 min Scan# 1277  
 Delta R.T. 0.00 min  
 Lab File: BG023492.D  
 Acq: 5 Aug 2016 17:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.6  | 26.0  | 39.0  |
| 123     | 11.0  | 10.1  | 15.1  |

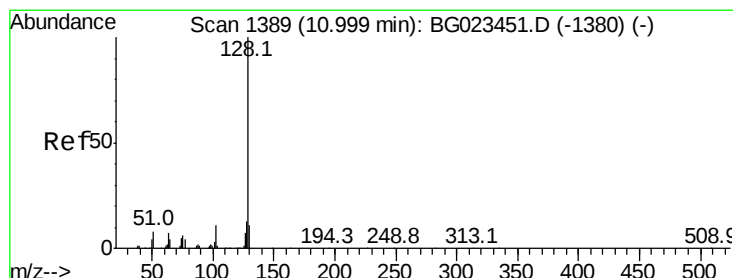
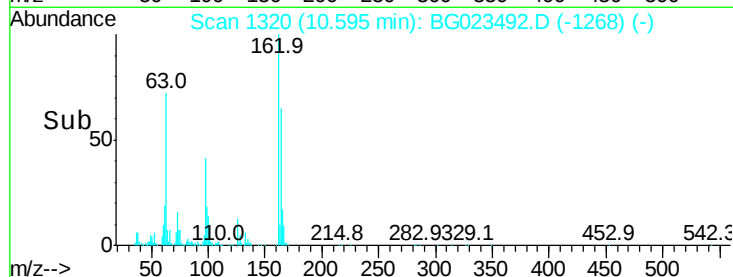
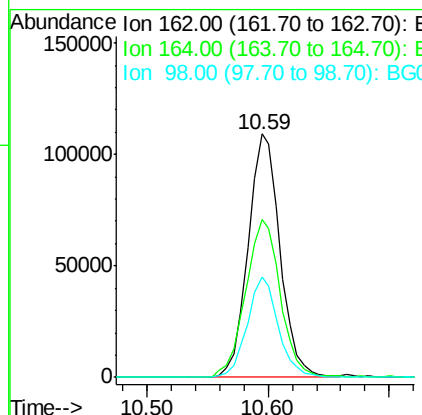
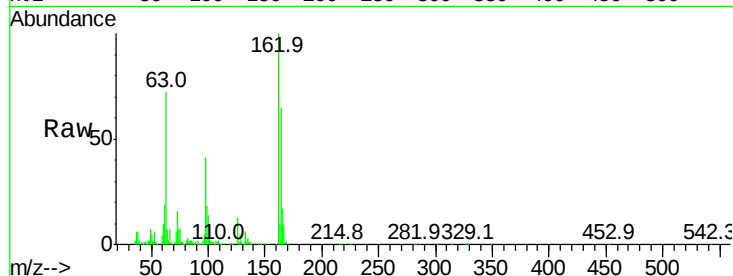




#27  
2,4-Dichlorophenol  
Concen: 20.22 ng/ul  
RT: 10.59 min Scan# 1320  
Delta R.T. 0.00 min  
Lab File: BG023492.D  
Acq: 5 Aug 2016 17:48

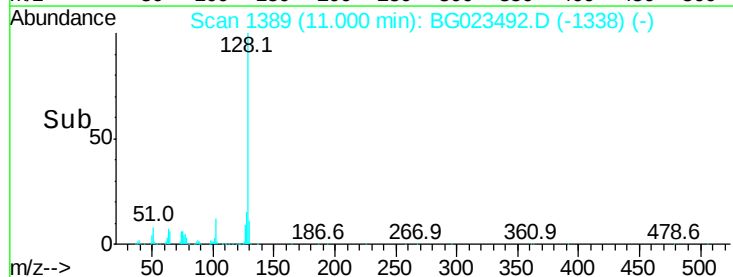
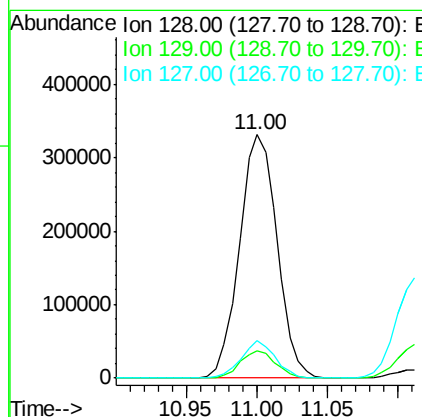
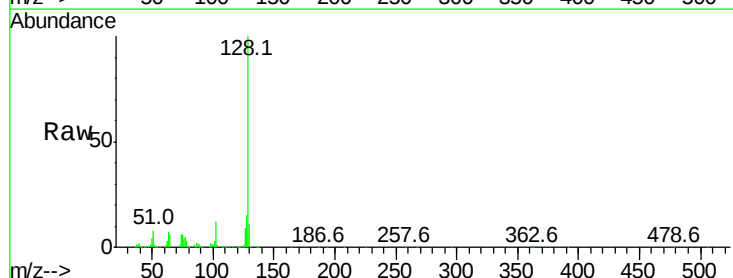
Instrument :  
BNA\_G  
ClientSampled :

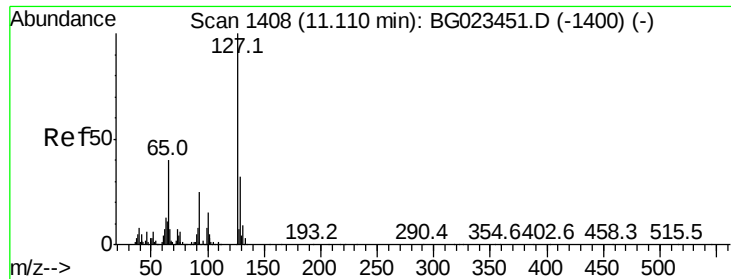
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.1  | 51.6  | 77.4  |
| 98      | 41.1  | 28.3  | 42.5  |



#28  
Naphthalene  
Concen: 21.05 ng/ul  
RT: 11.00 min Scan# 1389  
Delta R.T. -0.00 min  
Lab File: BG023492.D  
Acq: 5 Aug 2016 17:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.2  | 9.4   | 14.2  |
| 127     | 15.3  | 11.2  | 16.8  |

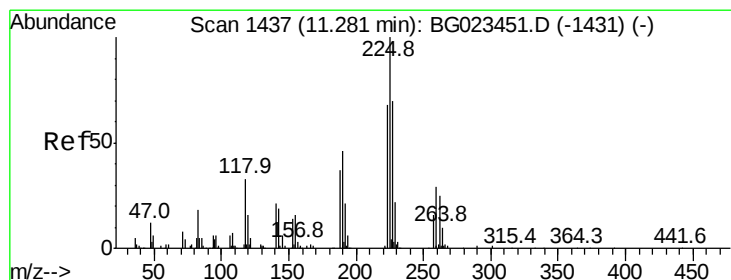
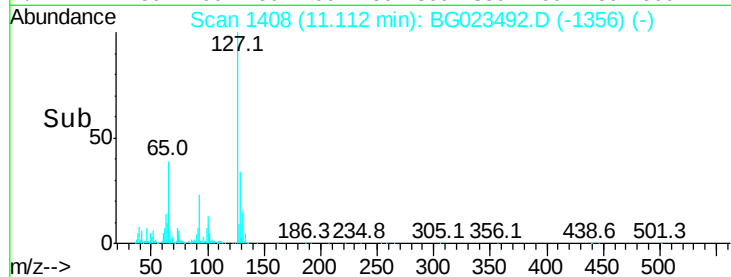
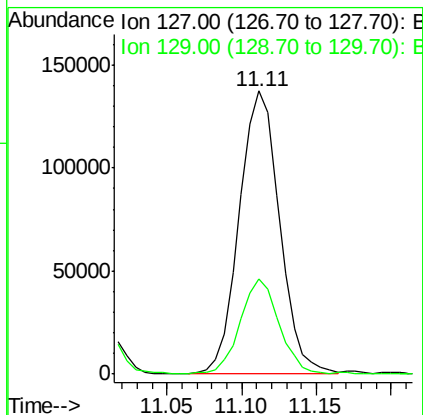
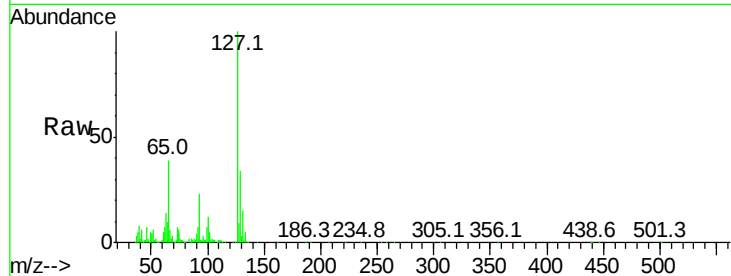




#30  
4-Chloroaniline  
Concen: 22.40 ng/ul  
RT: 11.11 min Scan# 1408  
Delta R.T. 0.00 min  
Lab File: BG023492.D  
Acq: 5 Aug 2016 17:48

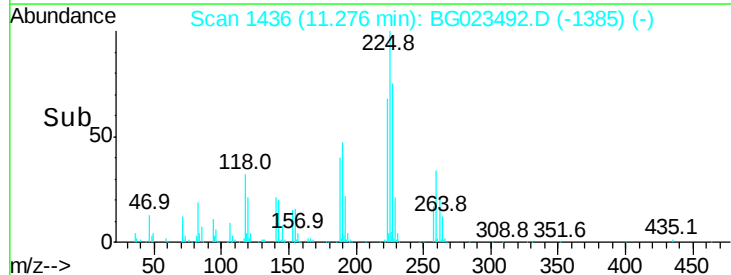
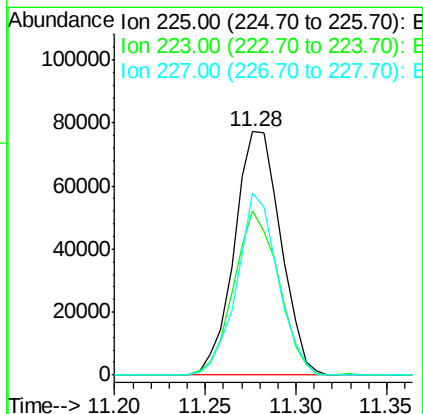
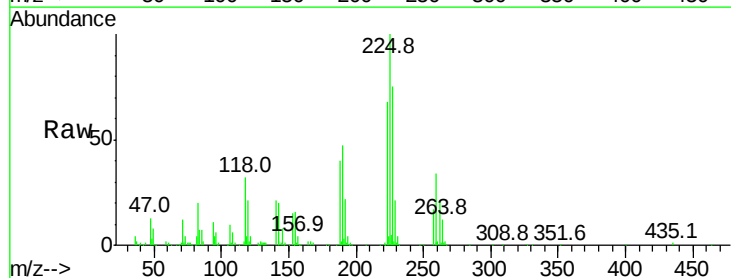
Instrument :  
BNA\_G  
ClientSampleId :

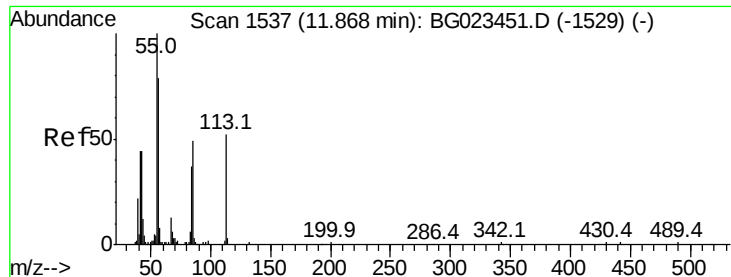
Tot Ion:127 Resp: 257605  
Ion Ratio Lower Upper  
127 100  
129 33.7 26.9 40.3



#31  
Hexachlorobutadiene  
Concen: 20.70 ng/ul  
RT: 11.28 min Scan# 1436  
Delta R.T. -0.00 min  
Lab File: BG023492.D  
Acq: 5 Aug 2016 17:48

Tgt Ion:225 Resp: 137297  
Ion Ratio Lower Upper  
225 100  
223 67.7 54.7 82.1  
227 74.7 52.2 78.4





#32

Caprolactam

Concen: 18.44 ng/ul

RT: 11.86 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

Instrument :

BNA\_G

ClientSampleId :

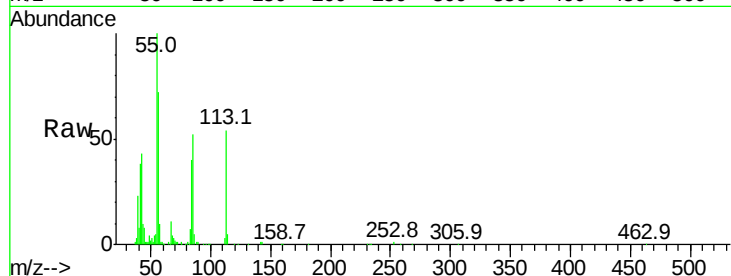
Tot Ion:113 Resp: 76265

Ion Ratio Lower Upper

113 100

55 185.2 99.6 149.4#

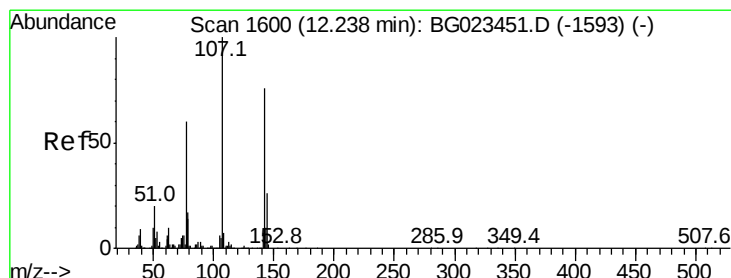
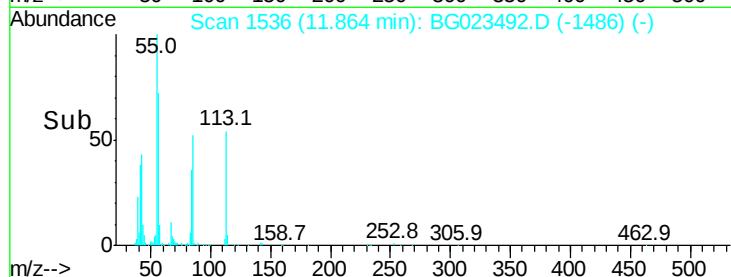
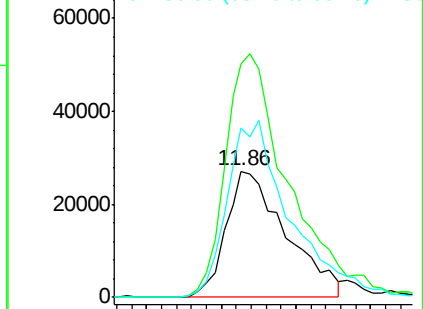
56 134.1 66.4 99.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#33

4-Chloro-3-methylphenol

Concen: 19.83 ng/ul

RT: 12.23 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

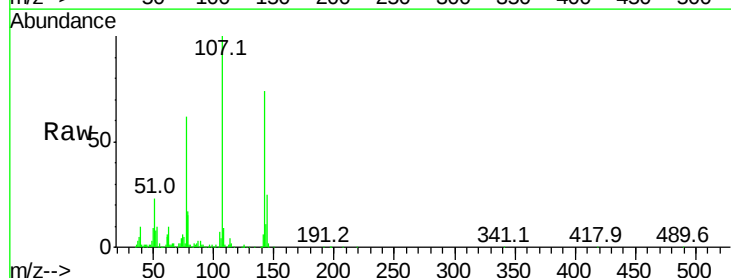
Tgt Ion:107 Resp: 254127

Ion Ratio Lower Upper

107 100

144 25.1 22.7 34.1

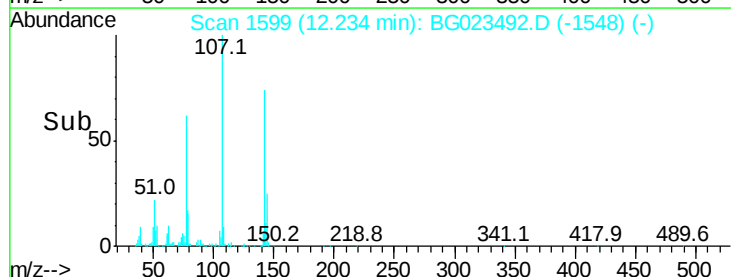
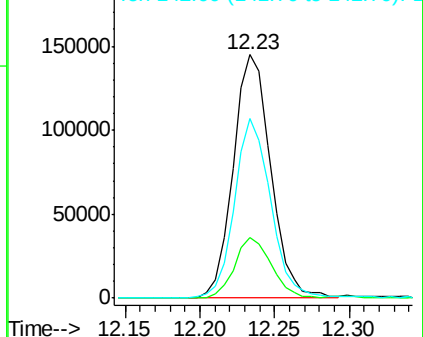
142 74.0 71.6 107.4

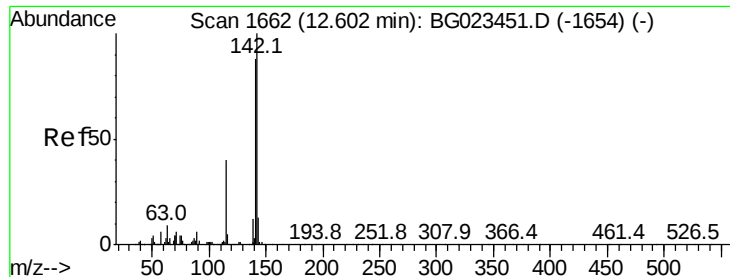


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 20.31 ng/ul

RT: 12.60 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

Instrument :

BNA\_G

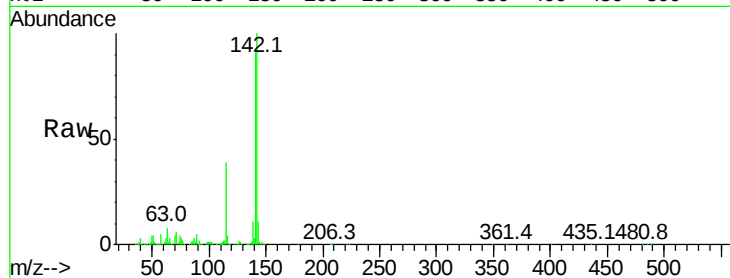
ClientSampleId :

Tot Ion:142 Resp: 483509

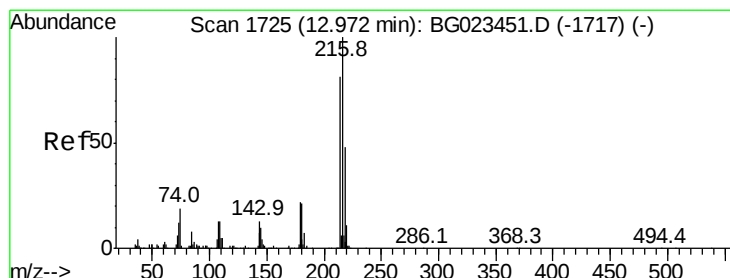
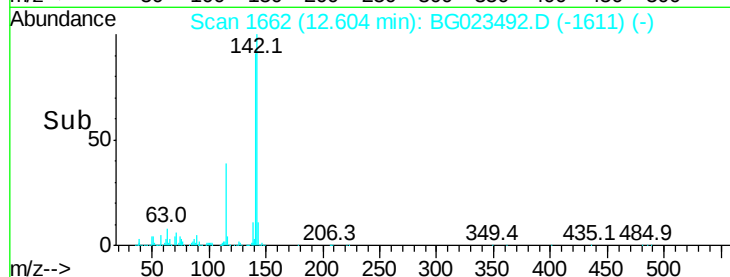
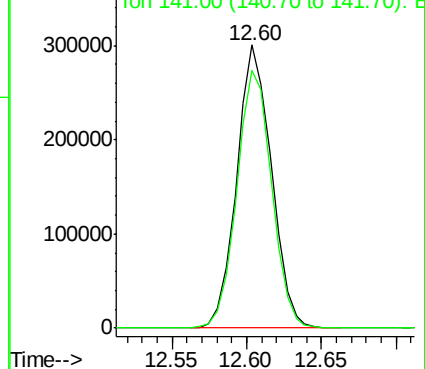
Ion Ratio Lower Upper

142 100

141 91.2 75.2 112.8



Abundance Ion 142.00 (141.70 to 142.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 22.22 ng/ul

RT: 12.97 min Scan# 1725

Delta R.T. 0.00 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

Tgt Ion:216 Resp: 276303

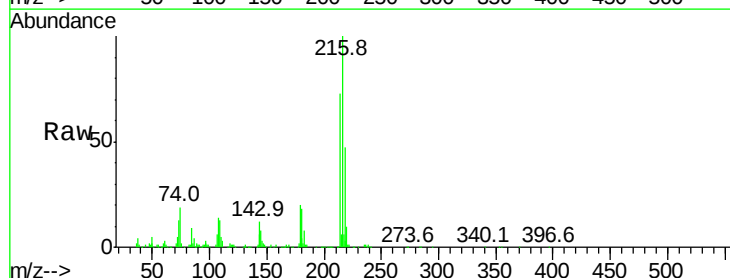
Ion Ratio Lower Upper

216 100

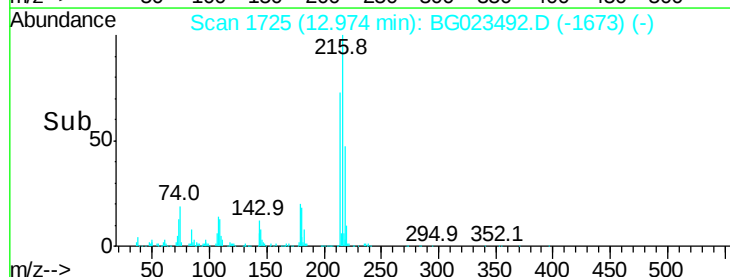
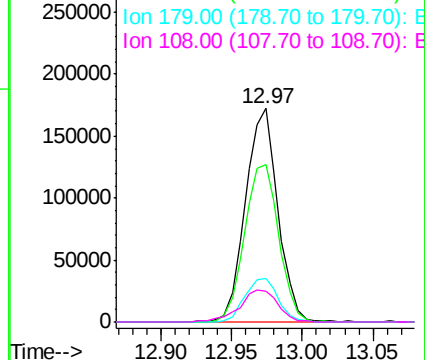
214 73.5 61.7 92.5

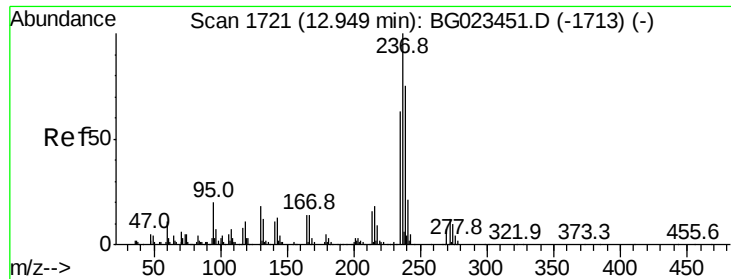
179 20.5 17.0 25.4

108 14.1 14.2 21.2#



Abundance Ion 216.00 (215.70 to 216.70): E





#37

Hexachlorocyclopentadiene

Concen: 20.67 ng/ul

RT: 12.94 min Scan# 1720

Delta R.T. -0.00 min

Lab File: BG023492.D

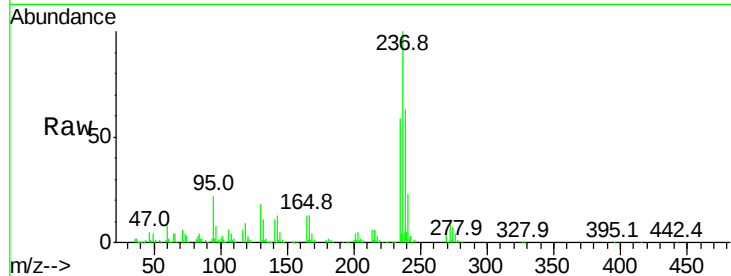
Acq: 5 Aug 2016 17:48

Instrument :

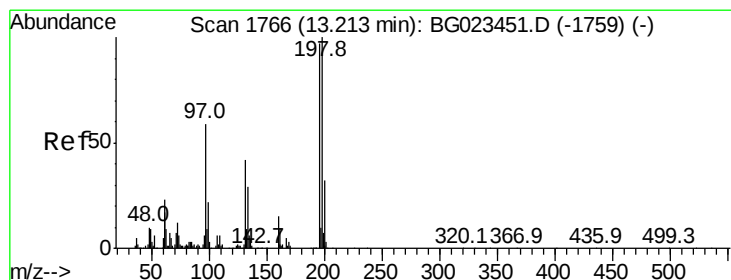
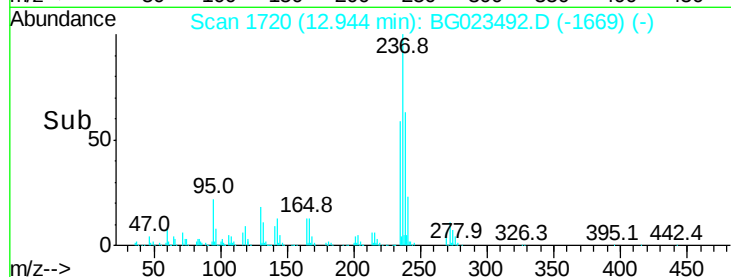
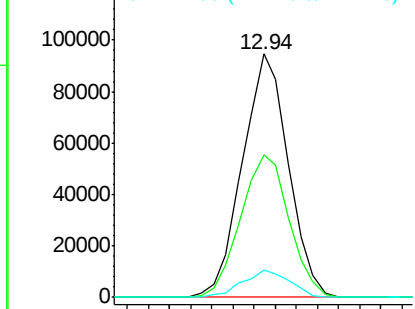
BNA\_G

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 237   | Resp: | 142157 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 58.6  | 49.6  | 74.4   |
| 272      | 11.4  | 9.3   | 13.9   |



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



#38

2,4,6-Trichlorophenol

Concen: 21.40 ng/ul

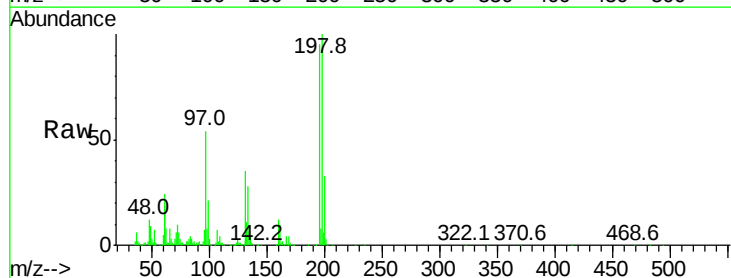
RT: 13.21 min Scan# 1766

Delta R.T. 0.00 min

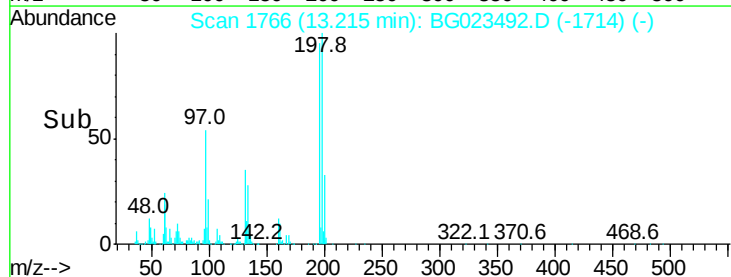
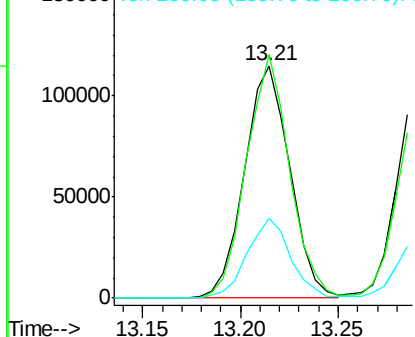
Lab File: BG023492.D

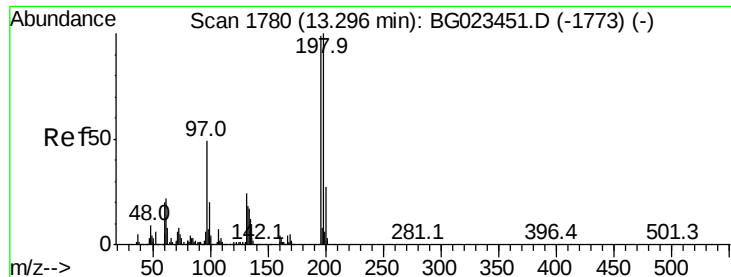
Acq: 5 Aug 2016 17:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 196   | Resp: | 184371 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 104.7 | 77.4  | 116.0  |
| 200      | 34.4  | 26.6  | 39.8   |



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

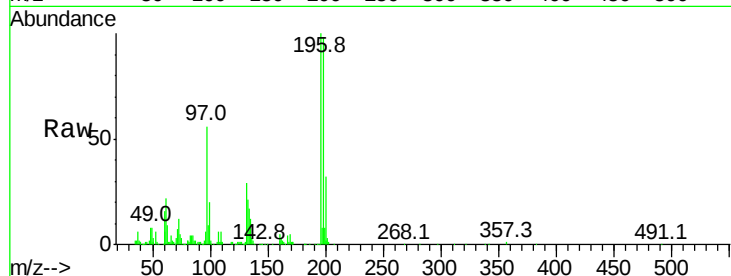




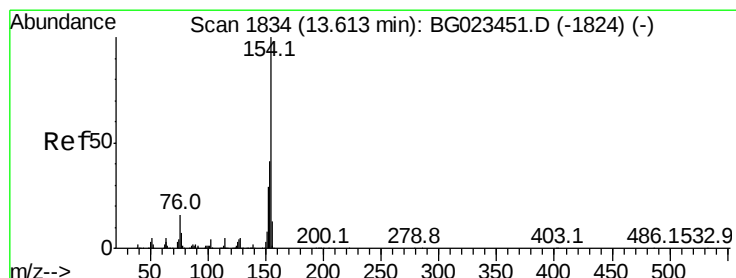
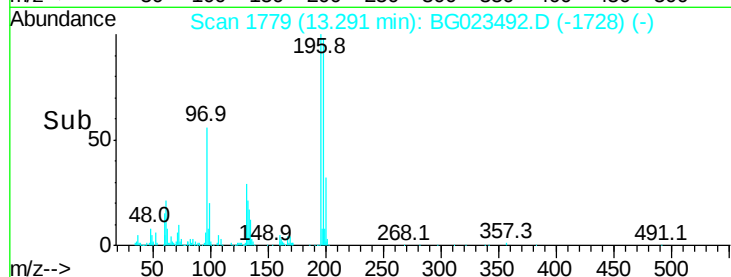
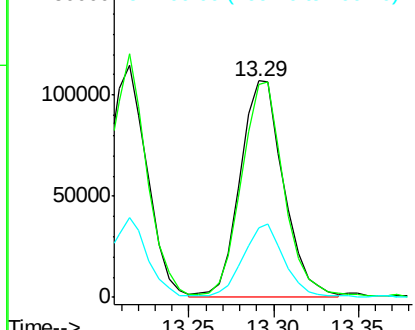
#39  
 2,4,5-Trichlorophenol  
 Concen: 20.84 ng/ul  
 RT: 13.29 min Scan# 1779  
 Delta R.T. -0.00 min  
 Lab File: BG023492.D  
 Acq: 5 Aug 2016 17:48

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 98.3  | 79.8  | 119.8 |
| 200     | 31.9  | 24.0  | 36.0  |

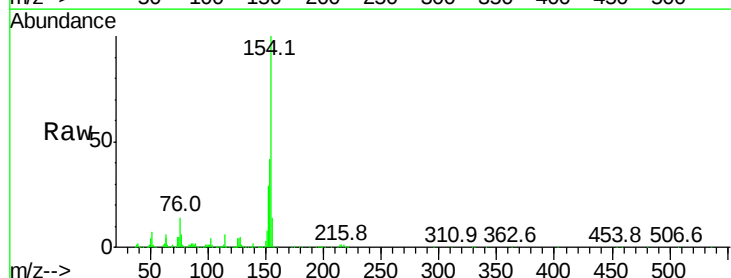


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

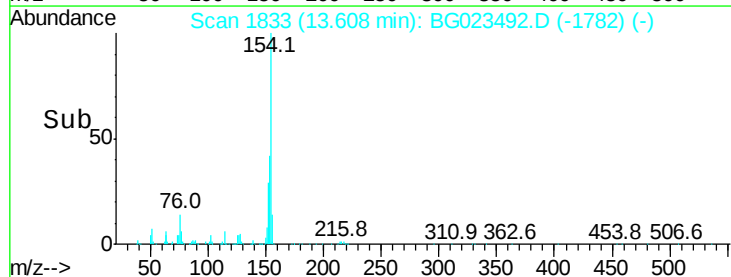
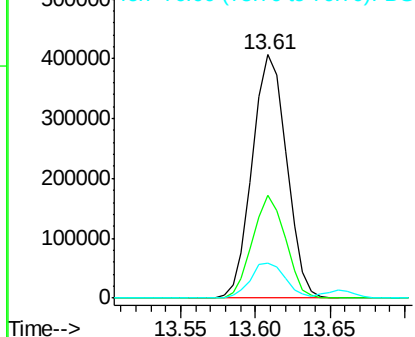


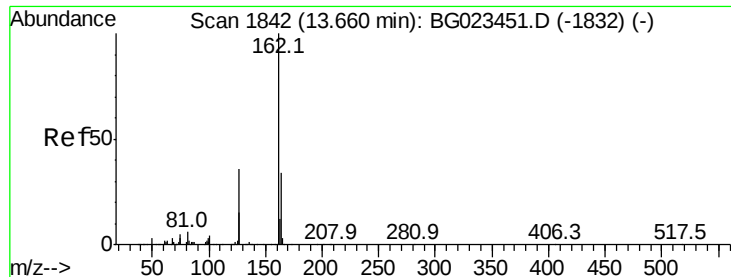
#40  
 1,1'-Biphenyl  
 Concen: 21.75 ng/ul  
 RT: 13.61 min Scan# 1833  
 Delta R.T. -0.00 min  
 Lab File: BG023492.D  
 Acq: 5 Aug 2016 17:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.3  | 34.6  | 52.0  |
| 76      | 14.5  | 11.9  | 17.9  |



Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BG

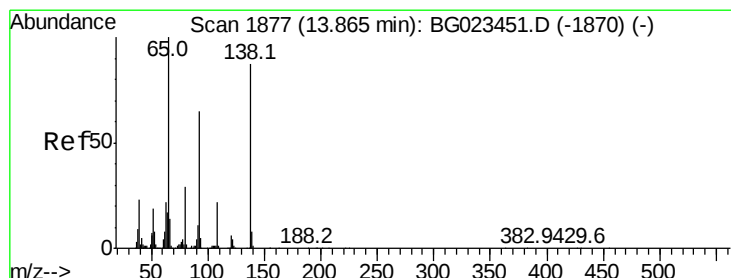
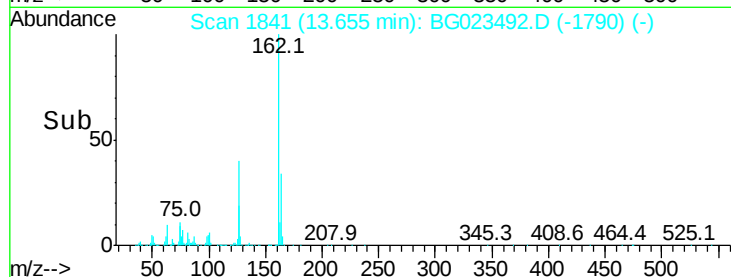
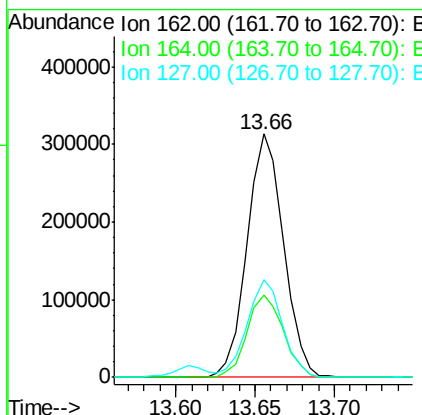
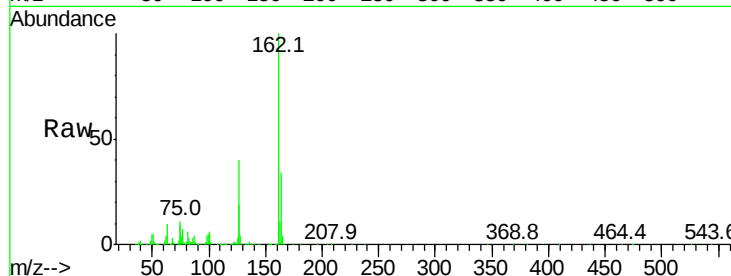




#41  
2-Chloronaphthalene  
Concen: 21.67 ng/ul  
RT: 13.66 min Scan# 1841  
Delta R.T. -0.00 min  
Lab File: BG023492.D  
Acq: 5 Aug 2016 17:48

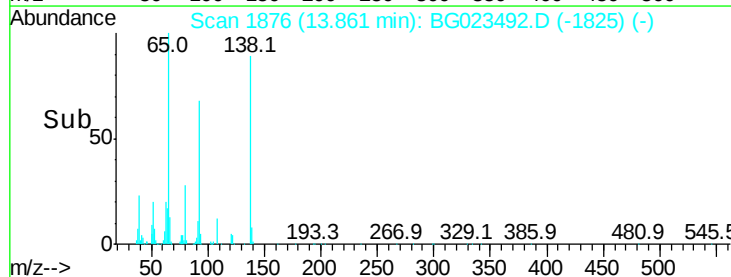
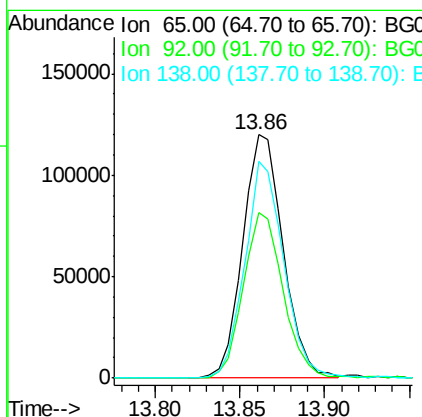
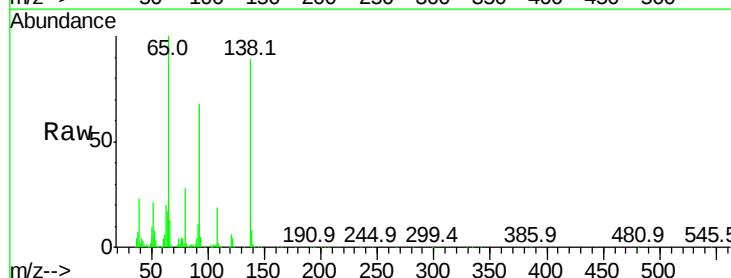
Instrument :  
BNA\_G  
ClientSampleId :

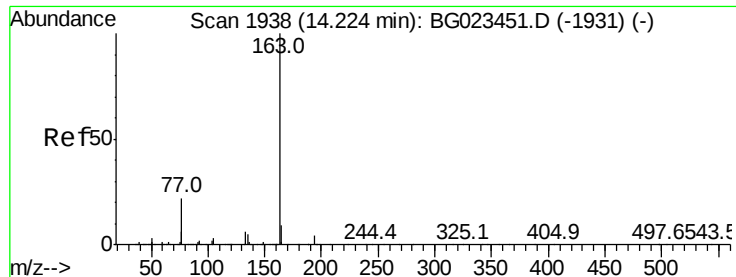
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 33.8  | 25.4  | 38.2  |
| 127     | 39.9  | 30.2  | 45.4  |



#42  
2-Nitroaniline  
Concen: 21.10 ng/ul  
RT: 13.86 min Scan# 1876  
Delta R.T. -0.00 min  
Lab File: BG023492.D  
Acq: 5 Aug 2016 17:48

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 65      | 100   |       |        |
| 92      | 68.1  | 67.1  | 100.7  |
| 138     | 89.1  | 109.6 | 164.4# |

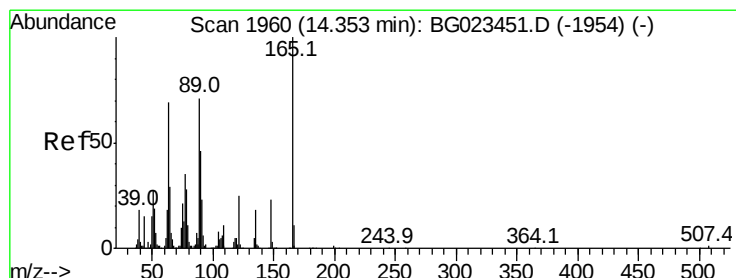
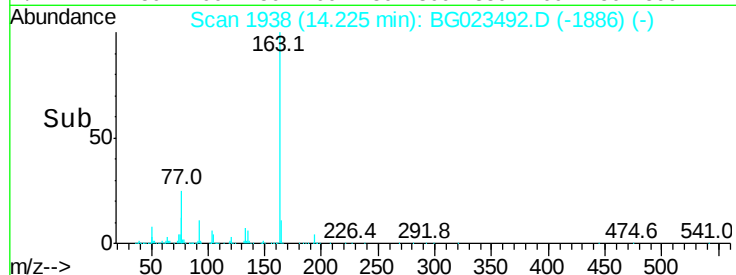
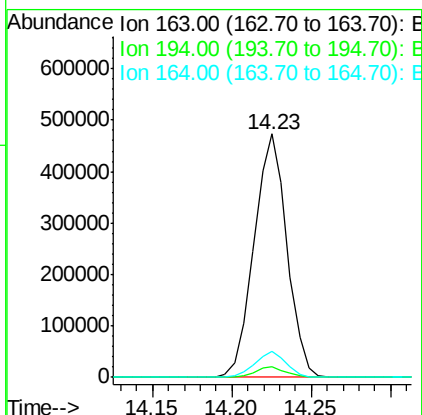
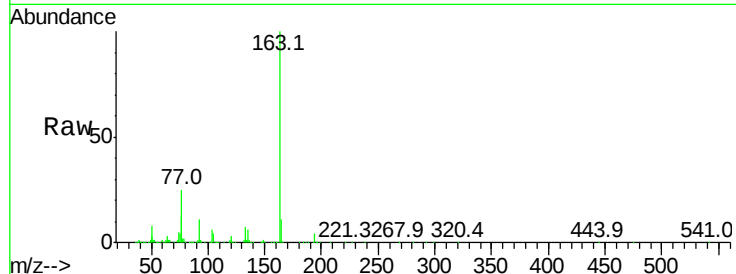




#44  
Dimethylphthalate  
Concen: 20.78 ng/ul  
RT: 14.23 min Scan# 1938  
Delta R.T. 0.00 min  
Lab File: BG023492.D  
Acq: 5 Aug 2016 17:48

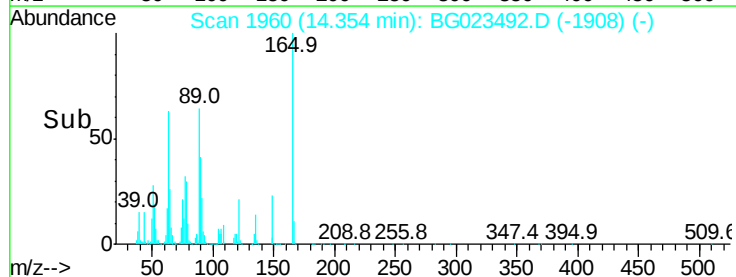
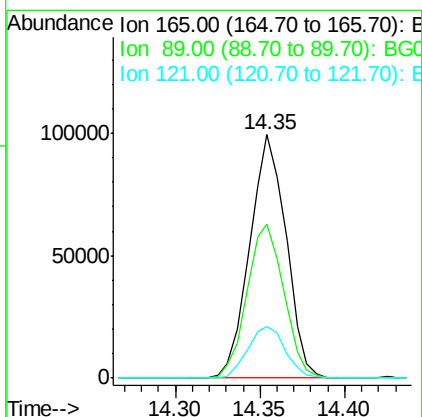
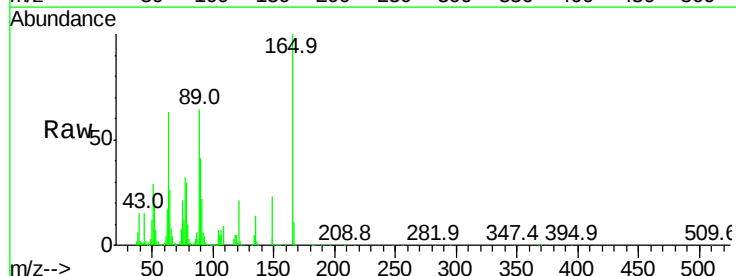
Instrument :  
BNA\_G  
ClientSampleId :

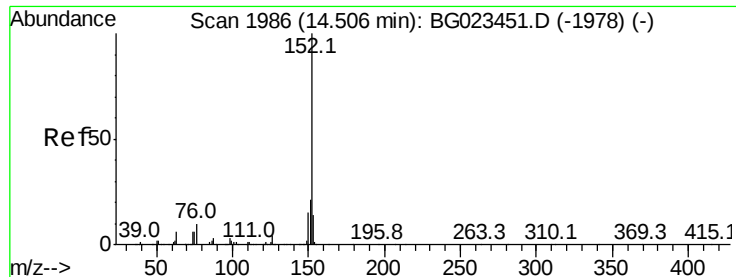
Tot Ion:163 Resp: 682548  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.4 5.2  
164 10.7 8.8 13.2



#45  
2,6-Dinitrotoluene  
Concen: 20.91 ng/ul  
RT: 14.35 min Scan# 1960  
Delta R.T. 0.00 min  
Lab File: BG023492.D  
Acq: 5 Aug 2016 17:48

Tgt Ion:165 Resp: 148877  
Ion Ratio Lower Upper  
165 100  
89 63.5 41.5 62.3#  
121 21.0 17.0 25.4





#47

Acenaphthylene

Concen: 21.37 ng/ul

RT: 14.51 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

Instrument :

BNA\_G

ClientSampleId :

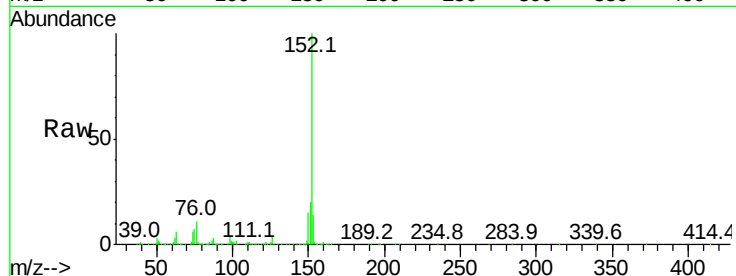
Tot Ion:152 Resp: 834269

Ion Ratio Lower Upper

152 100

151 20.5 17.5 26.3

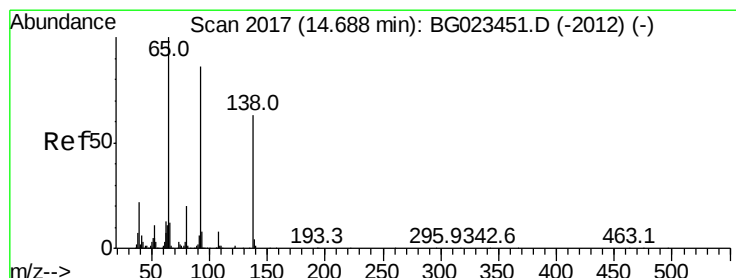
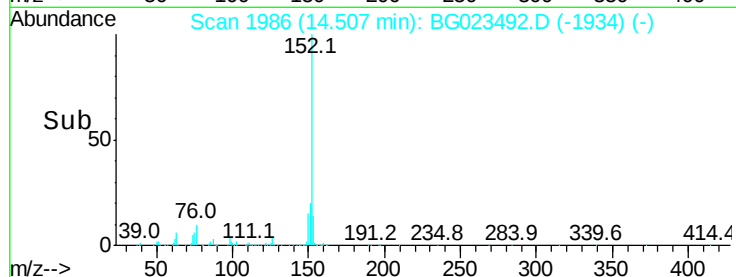
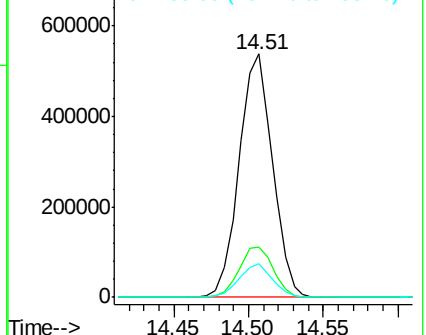
153 14.0 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 21.17 ng/ul

RT: 14.69 min Scan# 1717

Delta R.T. 0.00 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

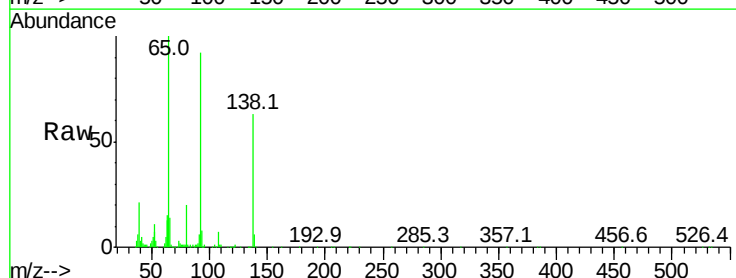
Tgt Ion:138 Resp: 141704

Ion Ratio Lower Upper

138 100

108 10.9 6.2 9.2#

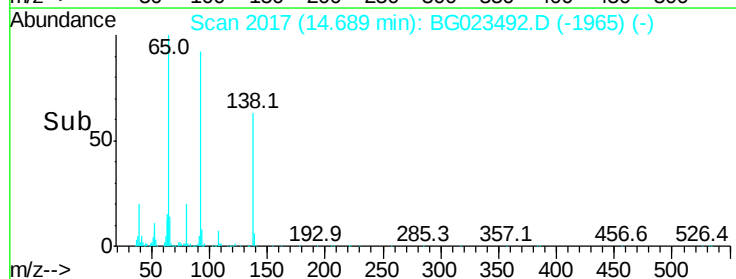
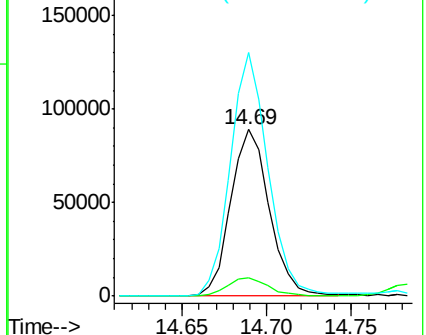
92 146.4 79.3 118.9#

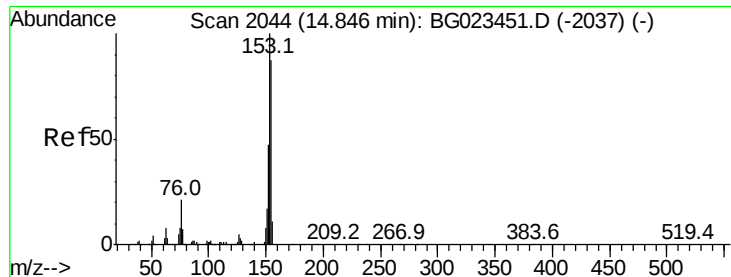


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#49

Acenaphthene

Concen: 20.86 ng/ul

RT: 14.85 min Scan# 2044

Delta R.T. 0.00 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

Instrument :

BNA\_G

ClientSampleId :

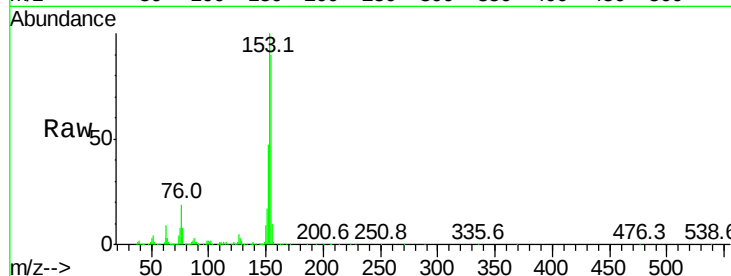
Tot Ion:153 Resp: 554871

Ion Ratio Lower Upper

153 100

152 46.8 37.3 55.9

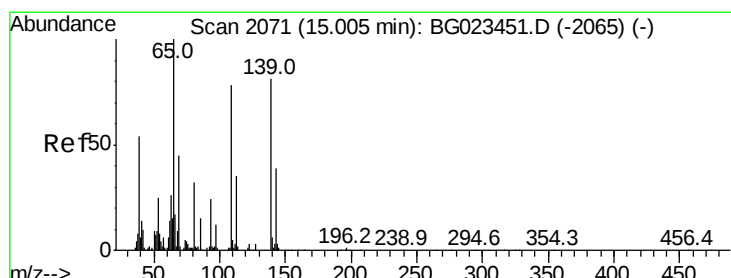
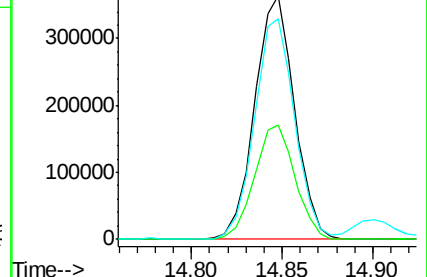
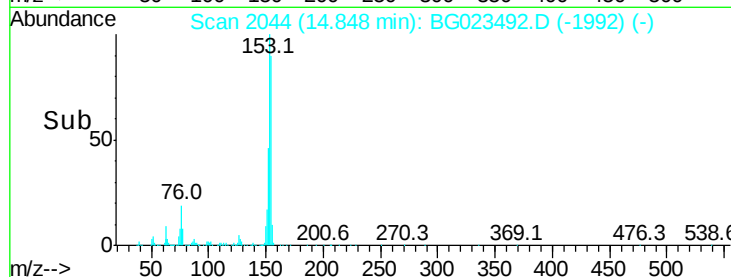
154 90.4 68.2 102.2



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



#52

4-Nitrophenol

Concen: 19.64 ng/ul

RT: 15.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

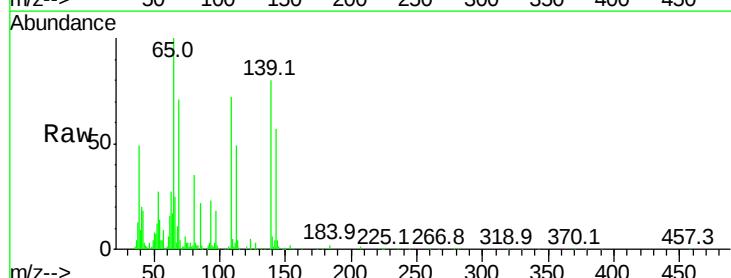
Tgt Ion:109 Resp: 111353

Ion Ratio Lower Upper

109 100

139 111.3 136.1 204.1#

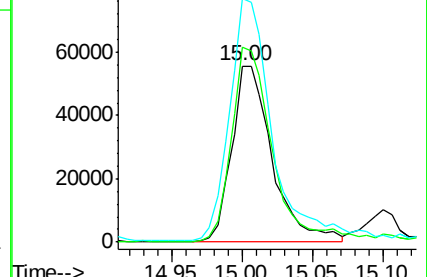
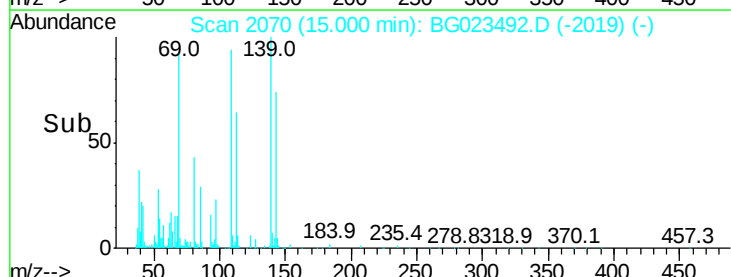
65 138.5 106.0 159.0

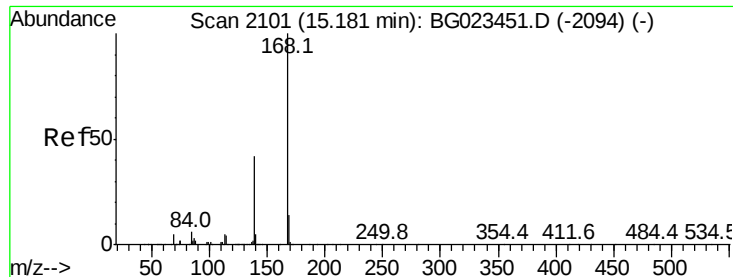


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC





#53

Dibenzo(furan)

Concen: 20.87 ng/ul

RT: 15.18 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

Instrument :

BNA\_G

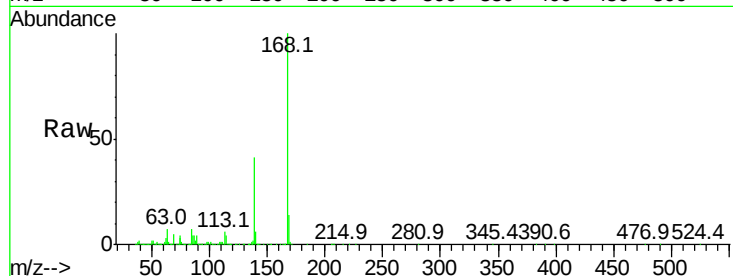
ClientSampleId :

Tot Ion:168 Resp: 822491

Ion Ratio Lower Upper

168 100

139 40.7 27.4 41.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

600000

500000

400000

300000

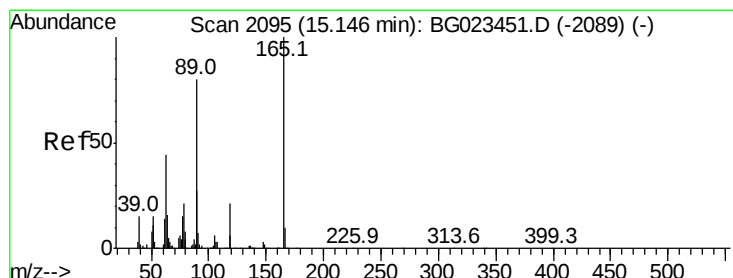
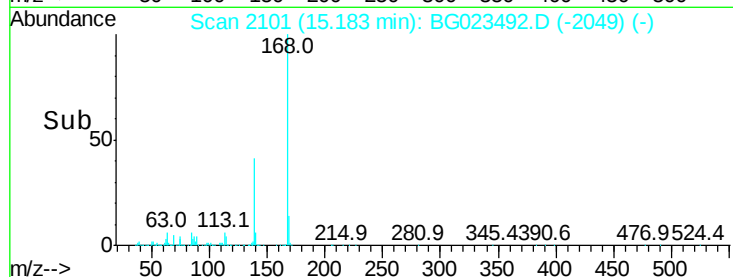
200000

100000

0

15.10 15.15 15.20 15.25

Time-->



#54

2,4-Dinitrotoluene

Concen: 19.94 ng/ul

RT: 15.15 min Scan# 2095

Delta R.T. 0.00 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

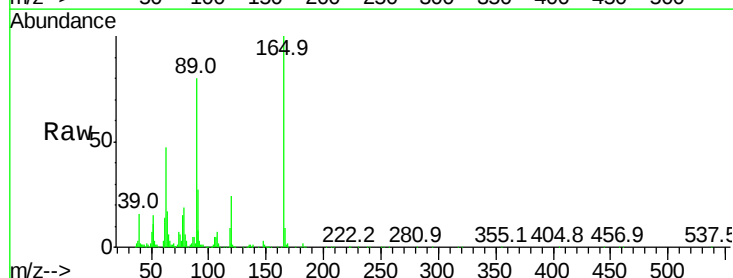
Tgt Ion:165 Resp: 215094

Ion Ratio Lower Upper

165 100

63 46.9 25.7 38.5#

182 2.4 2.1 3.1



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

200000

150000

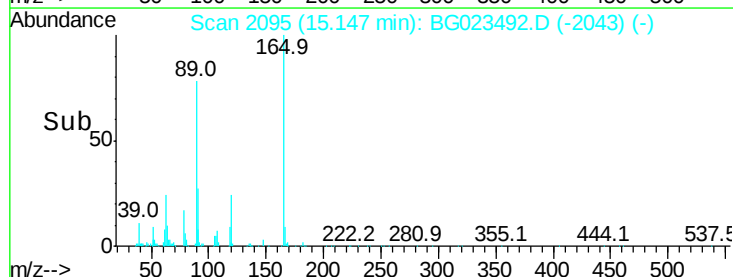
100000

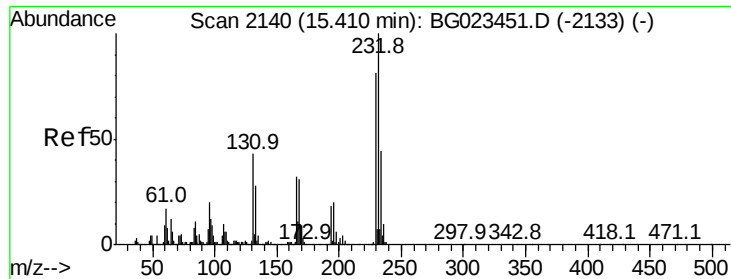
50000

0

15.10 15.15 15.20

Time-->





#55

2,3,4,6-Tetrachlorophenol

Concen: 19.48 ng/ul

RT: 15.41 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:232 Resp: 184732

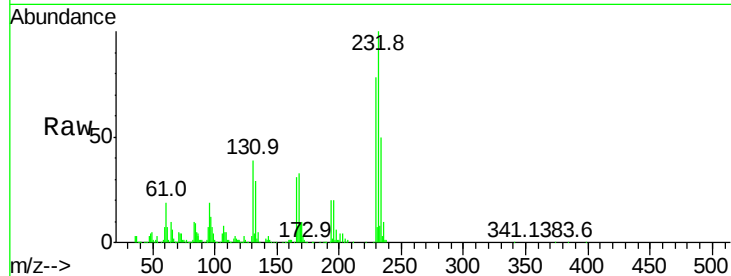
Ion Ratio Lower Upper

232 100

131 39.1 34.8 52.2

130 3.5 2.2 3.2#

166 30.6 23.8 35.6

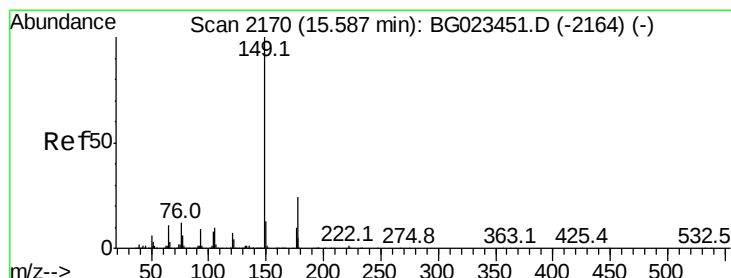
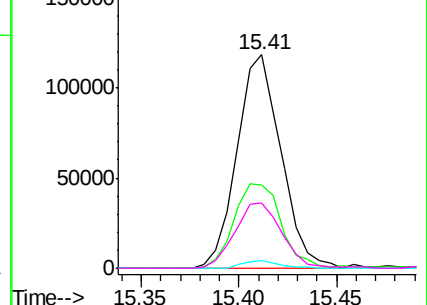
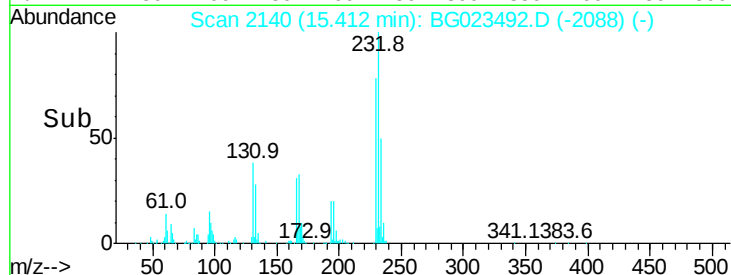


Abundance Ion 232.00 (231.70 to 232.70): E

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



#56

Diethylphthalate

Concen: 20.50 ng/ul

RT: 15.59 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

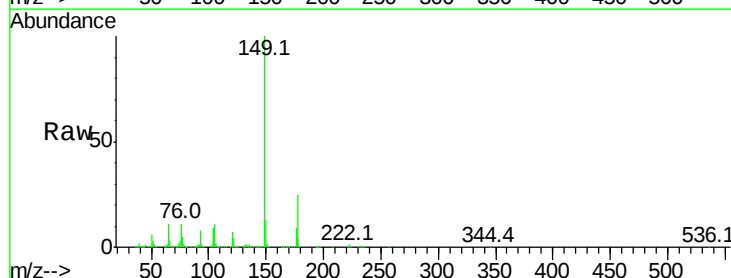
Tgt Ion:149 Resp: 703578

Ion Ratio Lower Upper

149 100

177 25.3 17.4 26.2

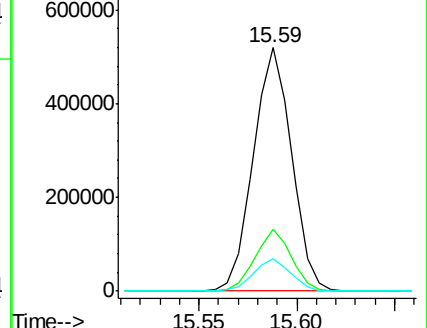
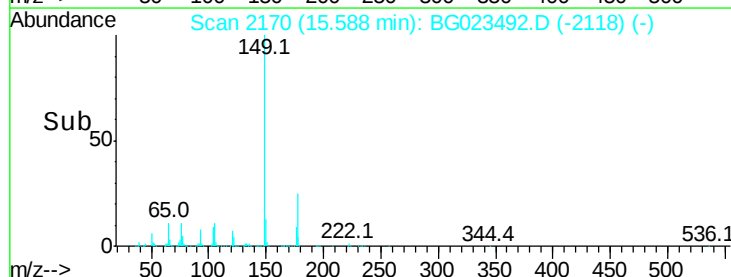
150 13.5 9.6 14.4

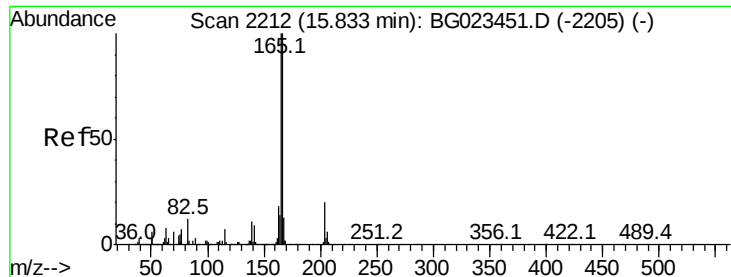


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#58

Fluorene

Concen: 20.56 ng/ul

RT: 15.83 min Scan# 2212

Delta R.T. 0.00 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

Instrument :

BNA\_G

ClientSampleId :

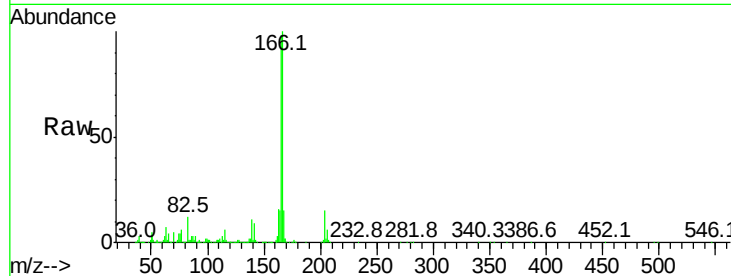
Tot Ion:166 Resp: 675182

Ion Ratio Lower Upper

166 100

165 98.3 80.3 120.5

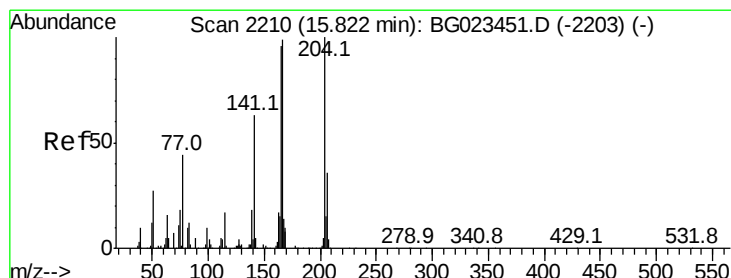
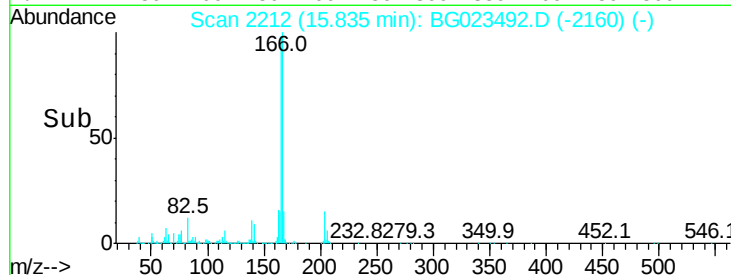
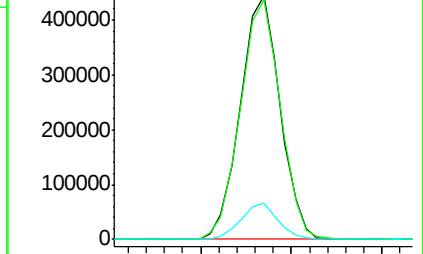
167 14.7 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

4-Chlorophenyl-phenylether

Concen: 20.73 ng/ul

RT: 15.82 min Scan# 2210

Delta R.T. 0.01 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

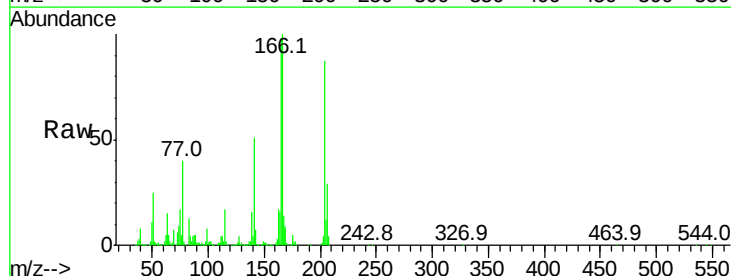
Tgt Ion:204 Resp: 342385

Ion Ratio Lower Upper

204 100

206 33.2 27.4 41.2

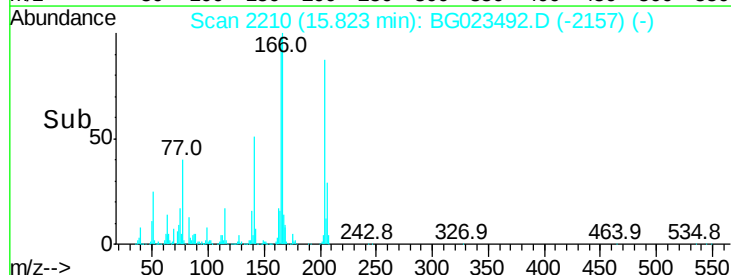
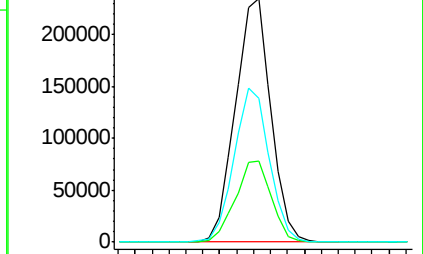
141 59.2 47.1 70.7

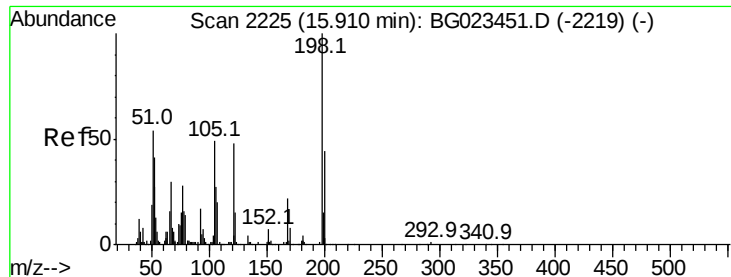


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#63

4,6-Dinitro-2-methylphenol

Concen: 20.70 ng/ul

RT: 15.91 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

Instrument :

BNA\_G

ClientSampleId :

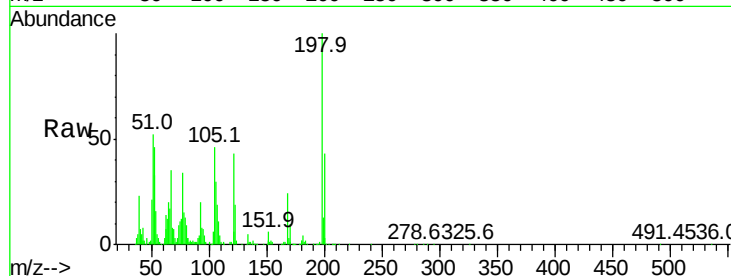
Tot Ion:198 Resp: 136771

Ion Ratio Lower Upper

198 100

182 3.7 4.2 6.2#

77 33.6 16.7 25.1#

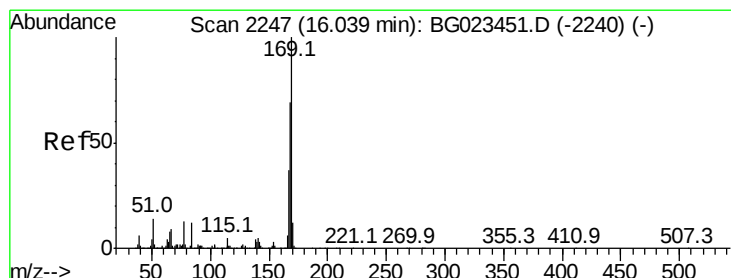
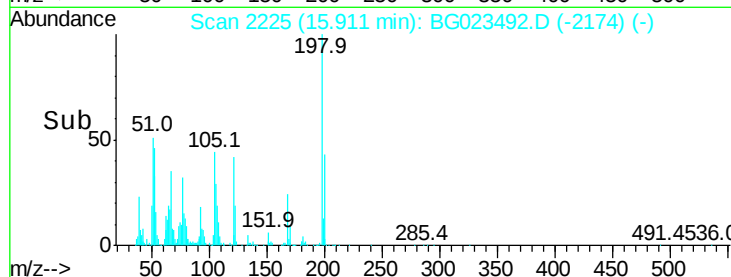
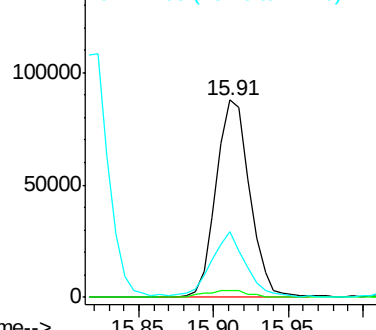


Abundance

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



#64

N-Nitrosodiphenylamine

Concen: 22.06 ng/ul

RT: 16.03 min Scan# 2246

Delta R.T. -0.00 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

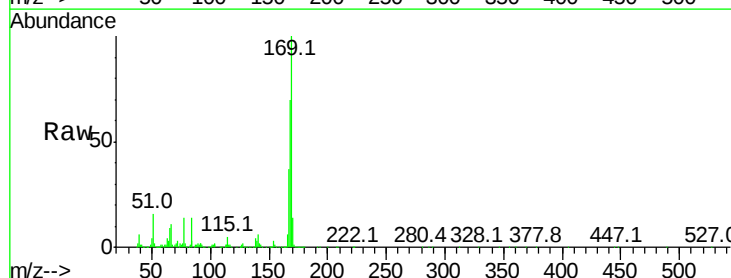
Tgt Ion:169 Resp: 604685

Ion Ratio Lower Upper

169 100

168 70.4 59.0 88.6

167 36.5 30.6 46.0

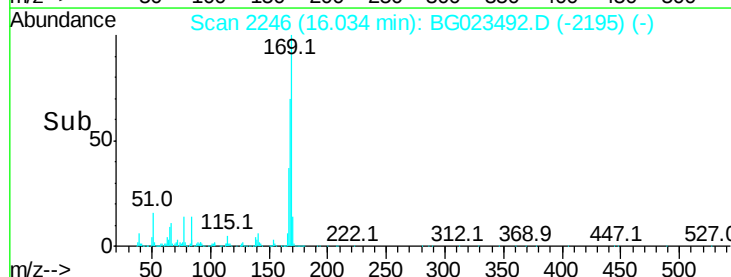
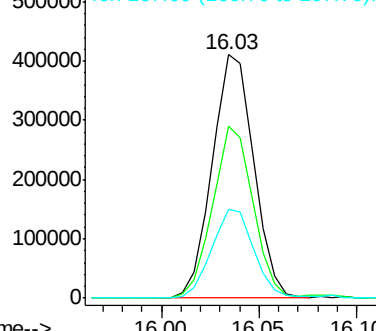


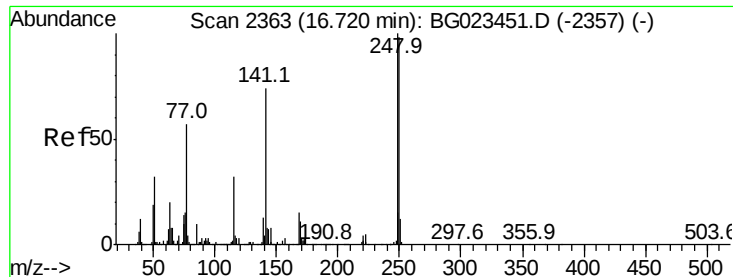
Abundance

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

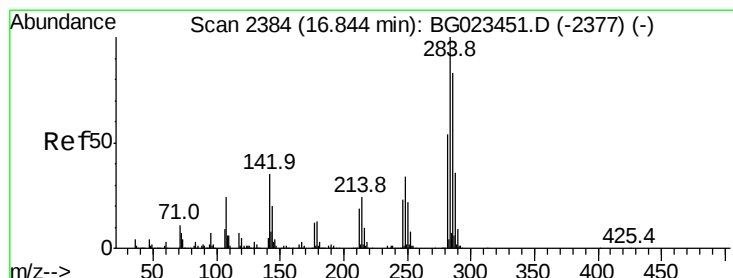
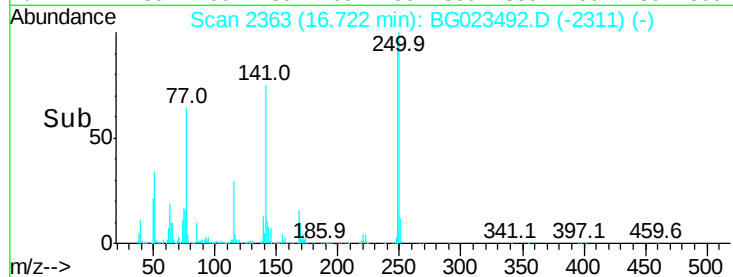
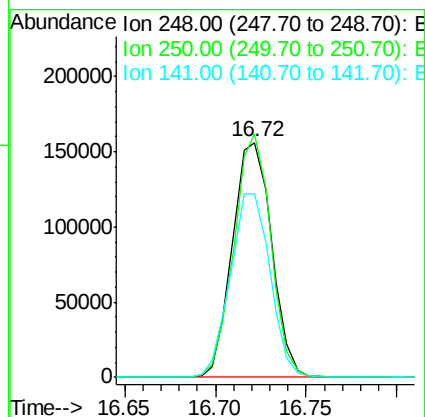
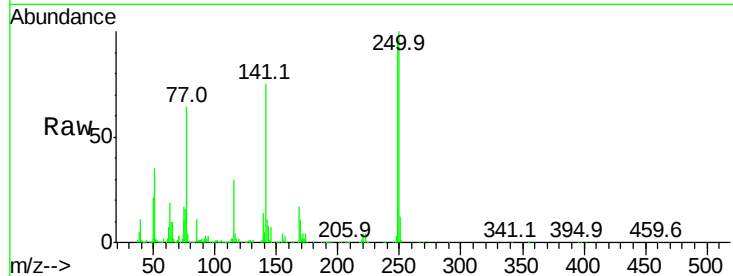




#65  
 4-Bromophenyl-phenylether  
 Concen: 20.94 ng/ul  
 RT: 16.72 min Scan# 2363  
 Delta R.T. 0.00 min  
 Lab File: BG023492.D  
 Acq: 5 Aug 2016 17:48

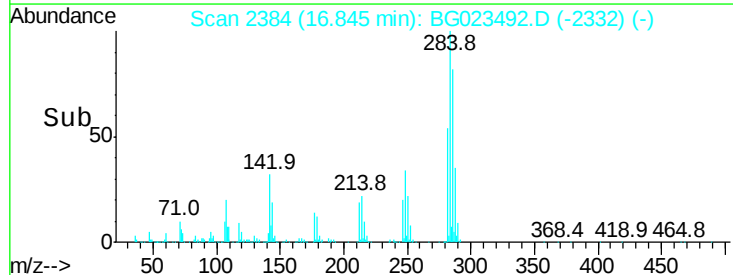
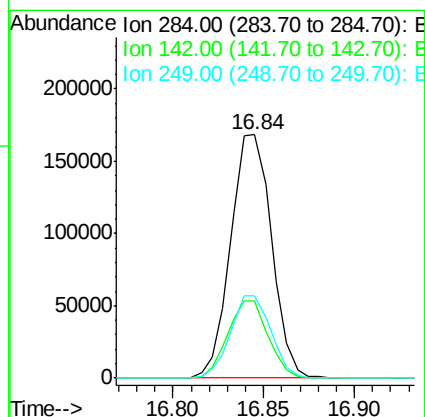
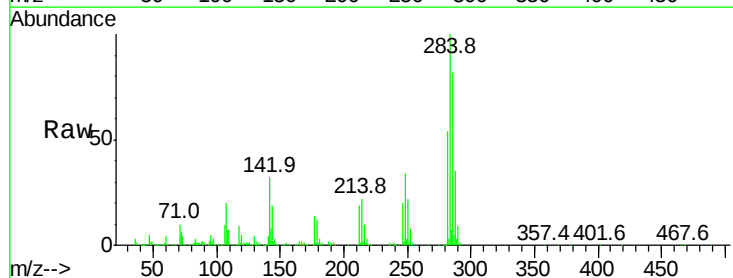
Instrument :  
 BNA\_G  
 ClientSampleId :

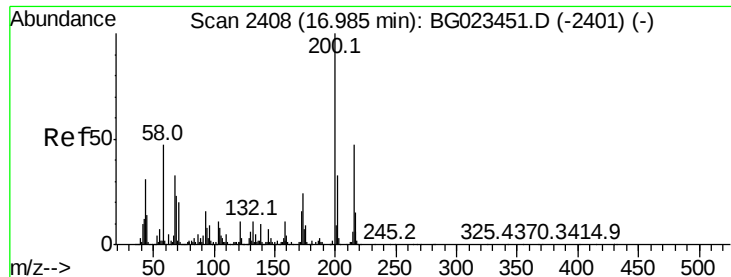
Tot Ion:248 Resp: 235595  
 Ion Ratio Lower Upper  
 248 100  
 250 103.5 76.6 114.8  
 141 77.8 61.8 92.6



#66  
 Hexachlorobenzene  
 Concen: 22.07 ng/ul  
 RT: 16.84 min Scan# 2384  
 Delta R.T. 0.00 min  
 Lab File: BG023492.D  
 Acq: 5 Aug 2016 17:48

Tgt Ion:284 Resp: 264442  
 Ion Ratio Lower Upper  
 284 100  
 142 31.5 27.8 41.8  
 249 34.0 24.4 36.6

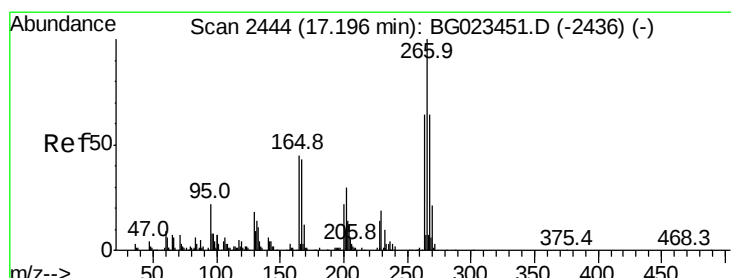
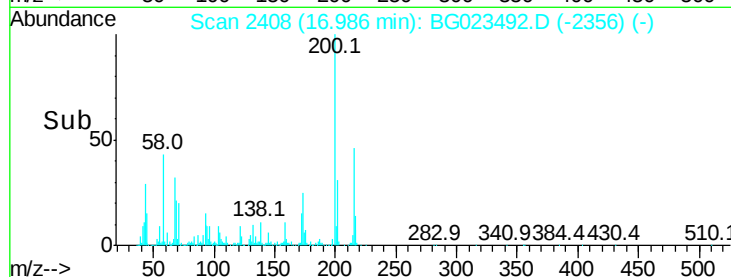
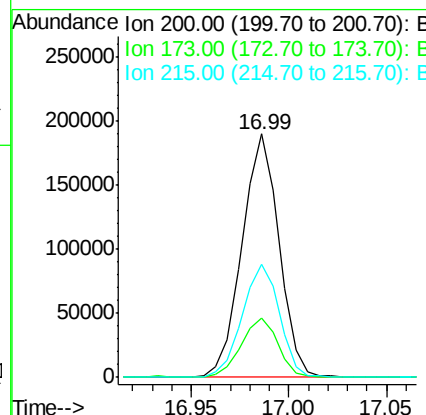
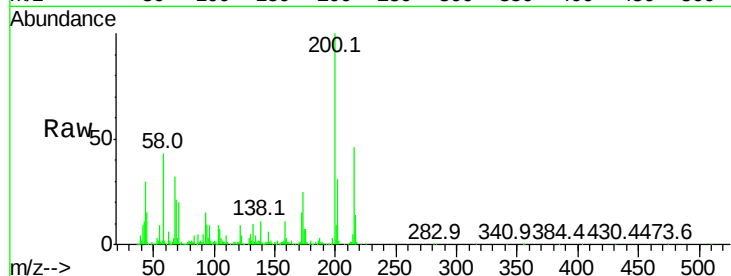




#67  
Atrazine  
Concen: 21.95 ng/ul  
RT: 16.99 min Scan# 2408  
Delta R.T. 0.00 min  
Lab File: BG023492.D  
Acq: 5 Aug 2016 17:48

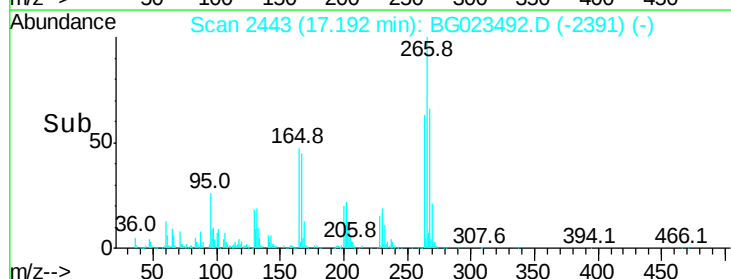
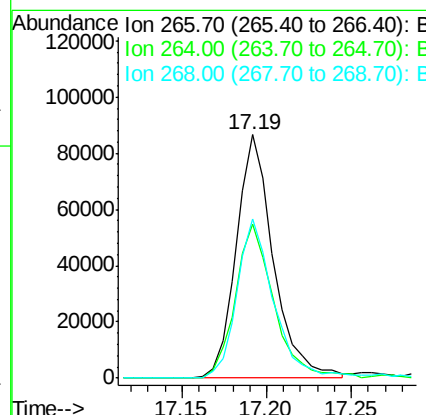
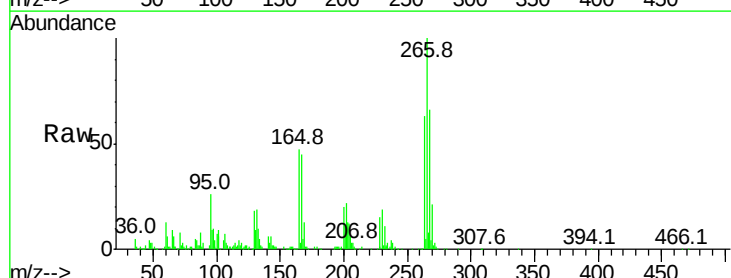
Instrument :  
BNA\_G  
ClientSampleId :

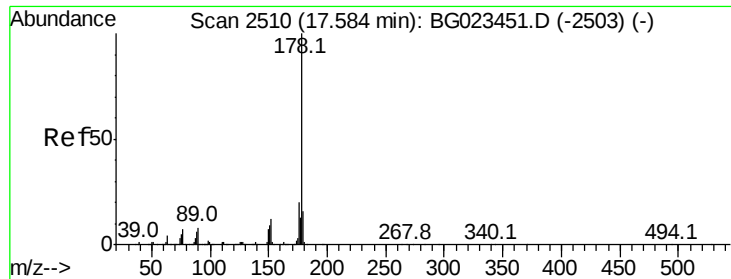
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 24.6  | 21.0  | 31.6  |
| 215     | 46.2  | 37.9  | 56.9  |



#68  
Pentachlorophenol  
Concen: 20.06 ng/ul  
RT: 17.19 min Scan# 2443  
Delta R.T. 0.00 min  
Lab File: BG023492.D  
Acq: 5 Aug 2016 17:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 63.1  | 54.7  | 82.1  |
| 268     | 65.5  | 57.8  | 86.8  |





#69

Phenanthrene

Concen: 21.72 ng/ul

RT: 17.59 min Scan# 2510

Delta R.T. 0.00 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

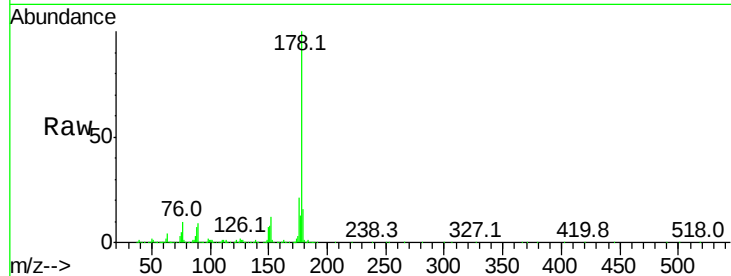
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:178 Resp: 1103345

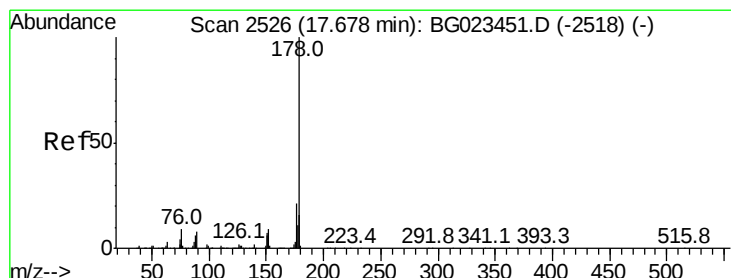
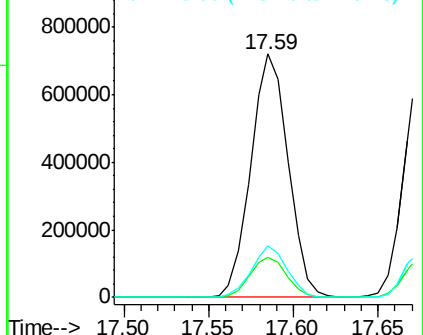
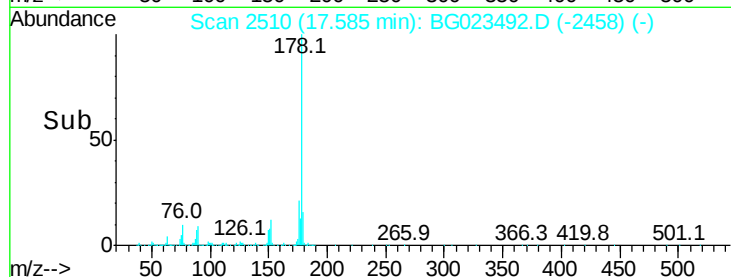
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 16.2  | 12.9  | 19.3  |
| 176 | 21.0  | 15.8  | 23.8  |



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



#71

Anthracene

Concen: 22.07 ng/ul

RT: 17.68 min Scan# 2526

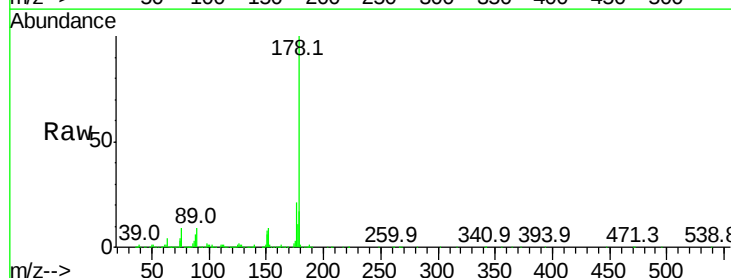
Delta R.T. 0.00 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

Tgt Ion:178 Resp: 1143774

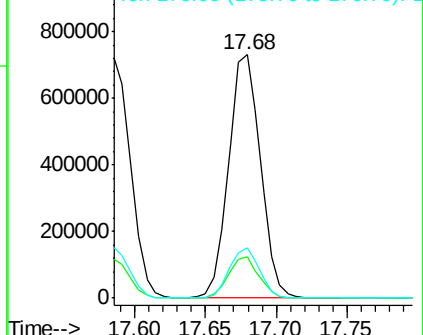
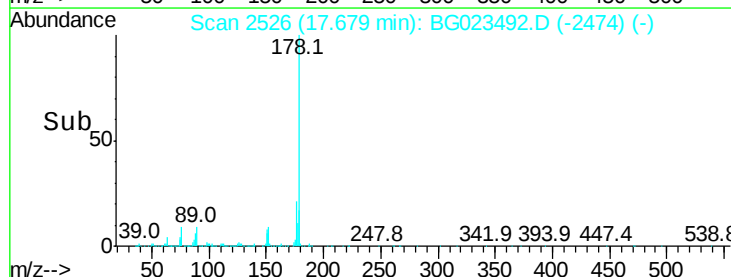
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 16.8  | 12.3  | 18.5  |
| 176 | 20.7  | 16.3  | 24.5  |

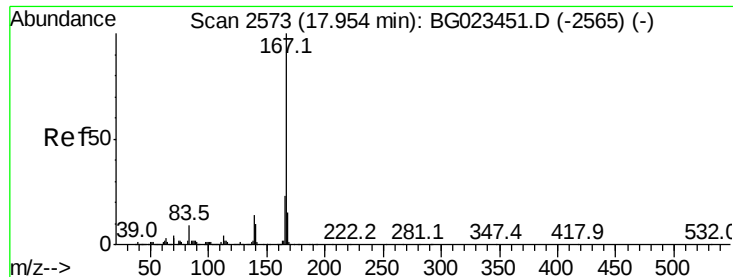


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 23.99 ng/ul

RT: 17.95 min Scan# 2572

Delta R.T. -0.00 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

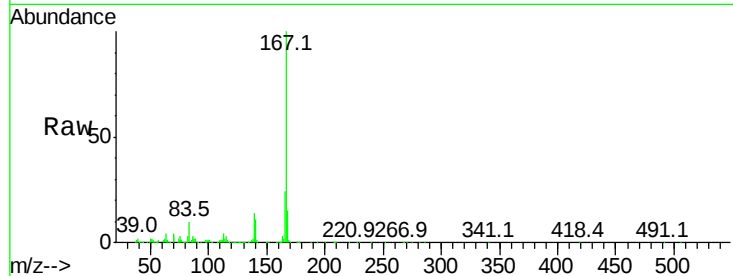
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:167 Resp: 1002166

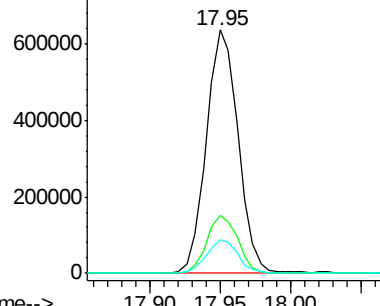
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 23.8  | 19.2  | 28.8  |
| 139 | 14.1  | 10.2  | 15.4  |



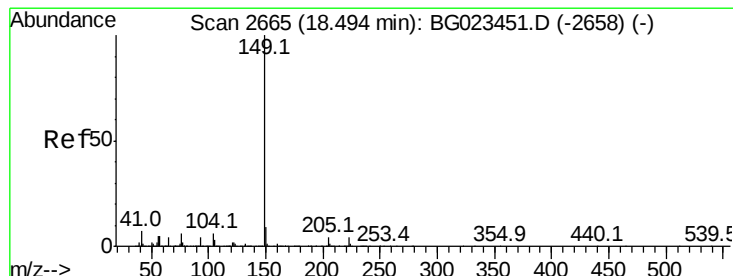
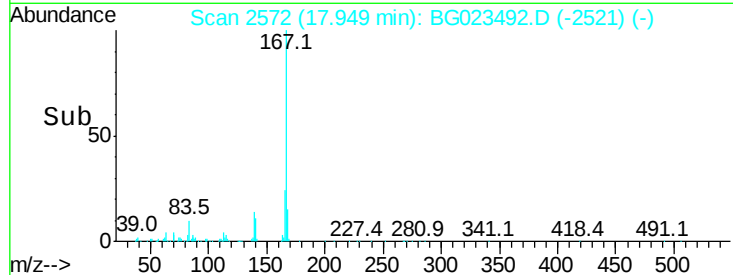
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#73

Di-n-butylphthalate

Concen: 22.72 ng/ul

RT: 18.49 min Scan# 2664

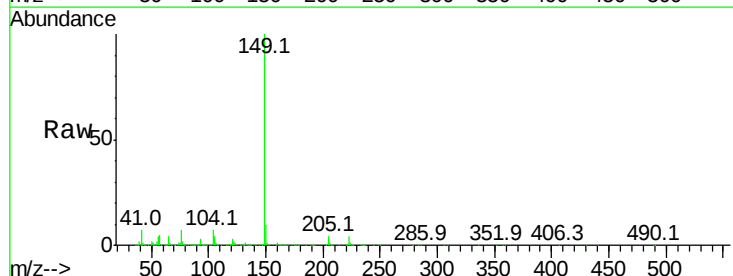
Delta R.T. -0.00 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

Tgt Ion:149 Resp: 1188784

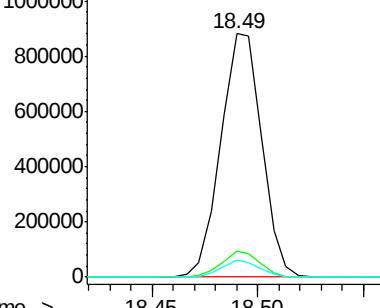
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 10.5  | 7.1   | 10.7  |
| 104 | 6.9   | 3.3   | 4.9   |



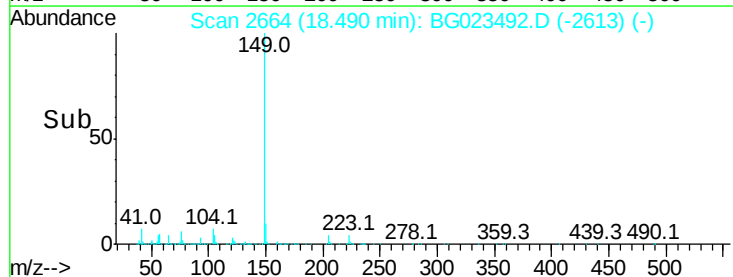
Abundance Ion 149.00 (148.70 to 149.70): E

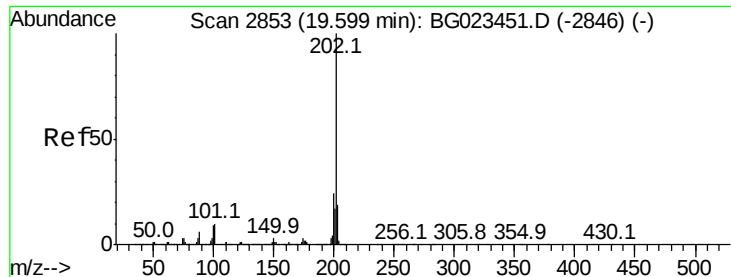
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#74

Fluoranthene

Concen: 25.22 ng/ul

RT: 19.60 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

Instrument :

BNA\_G

ClientSampleId :

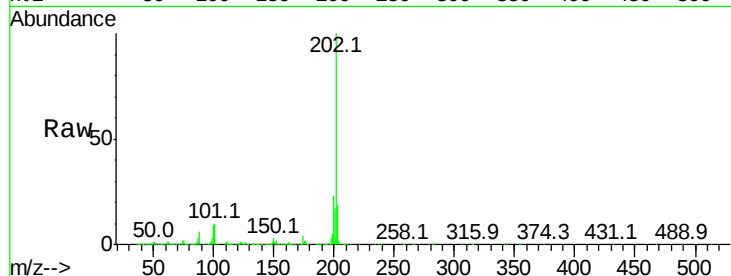
Tot Ion:202 Resp: 1311483

Ion Ratio Lower Upper

202 100

101 9.7 10.6 16.0#

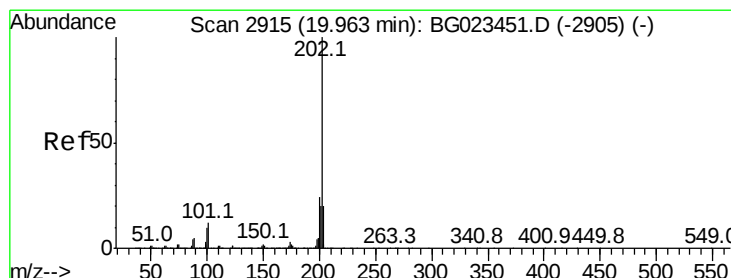
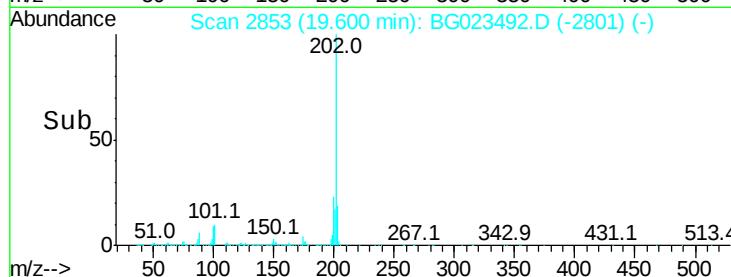
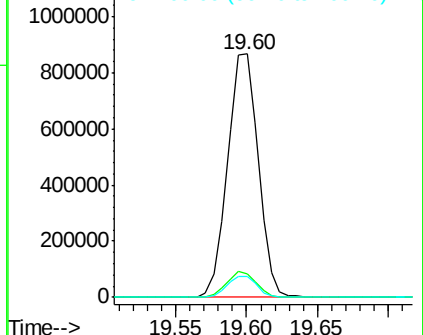
100 8.7 8.7 13.1#



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



#77

Pyrene

Concen: 21.41 ng/ul

RT: 19.96 min Scan# 2914

Delta R.T. -0.00 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

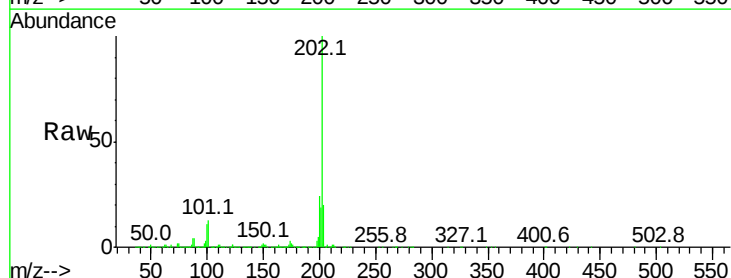
Tgt Ion:202 Resp: 1317865

Ion Ratio Lower Upper

202 100

101 12.7 12.5 18.7

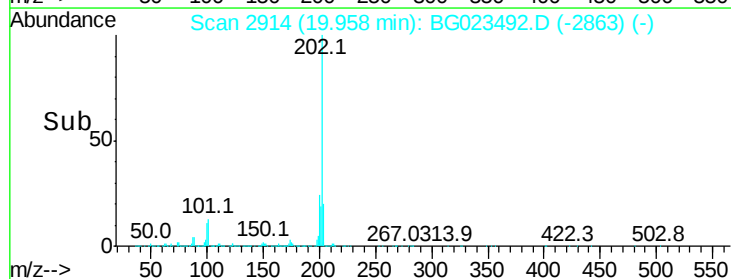
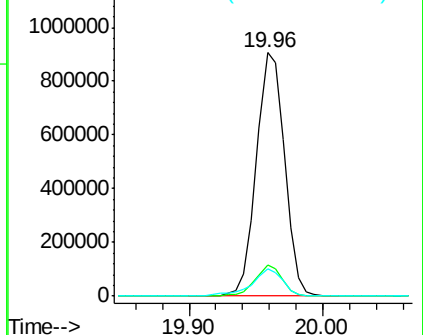
100 11.2 10.2 15.4

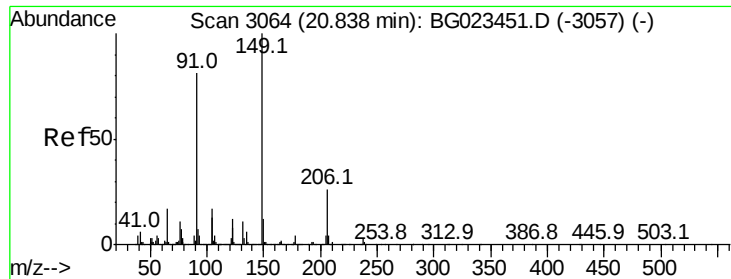


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

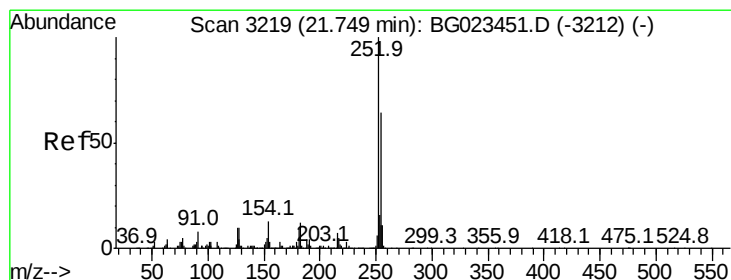
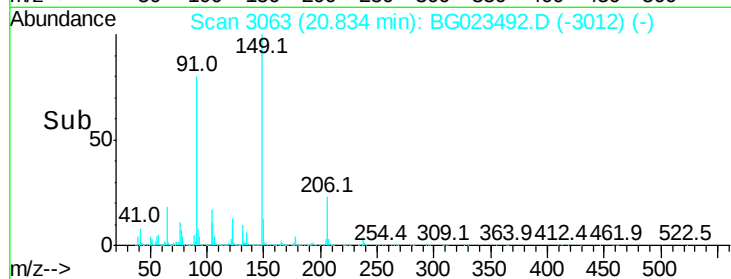
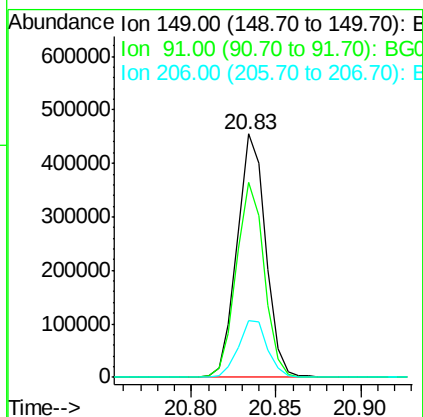
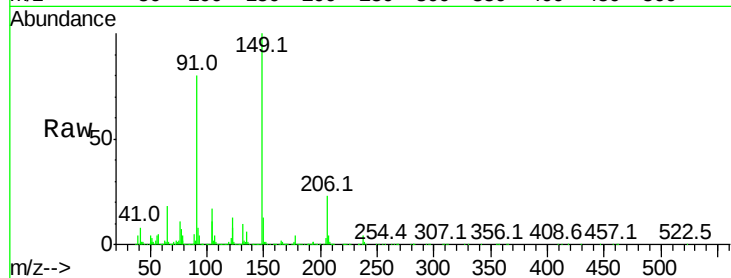




#78  
Butylbenzylphthalate  
Concen: 22.66 ng/ul  
RT: 20.83 min Scan# 3063  
Delta R.T. -0.00 min  
Lab File: BG023492.D  
Acq: 5 Aug 2016 17:48

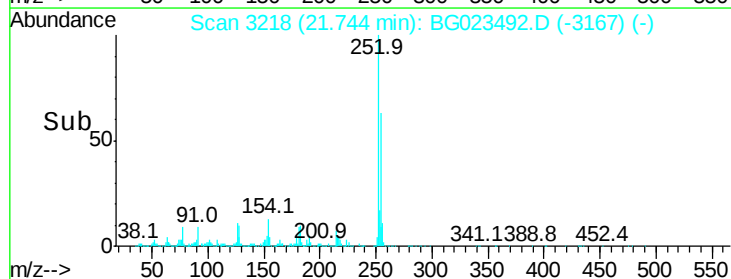
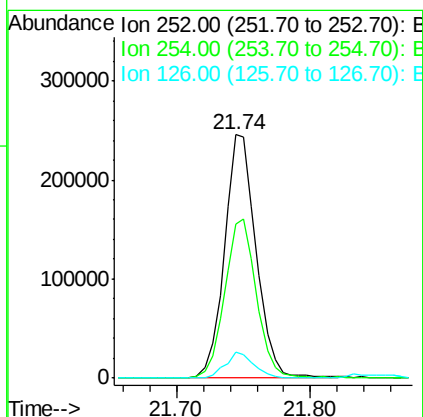
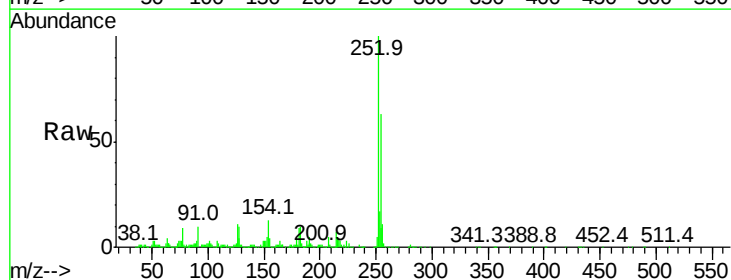
Instrument :  
BNA\_G  
ClientSampleId :

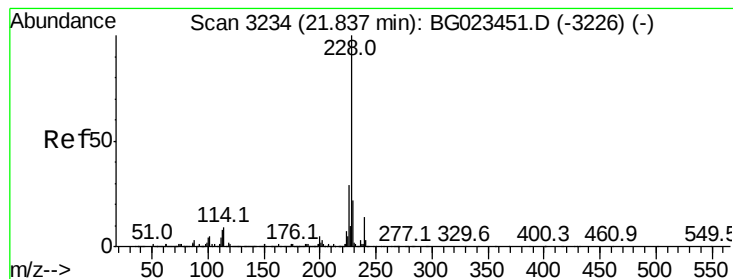
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 80.0  | 54.2  | 81.4  |
| 206     | 23.2  | 14.1  | 21.1# |



#79  
3,3'-Dichlorobenzidine  
Concen: 22.86 ng/ul  
RT: 21.74 min Scan# 3218  
Delta R.T. -0.00 min  
Lab File: BG023492.D  
Acq: 5 Aug 2016 17:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.4  | 51.4  | 77.2  |
| 126     | 10.6  | 10.7  | 16.1# |





#80

Benzo(a)anthracene

Concen: 21.62 ng/ul

RT: 21.84 min Scan# 3234

Delta R.T. 0.00 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

Instrument :

BNA\_G

ClientSampleId :

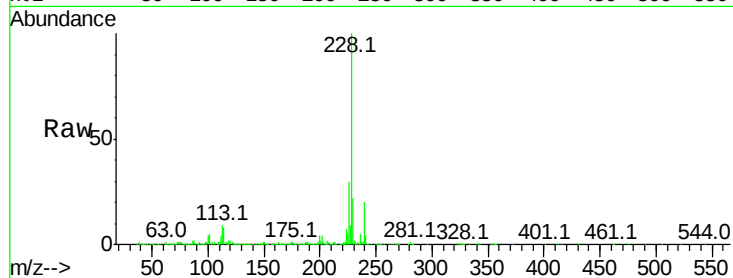
Tot Ion:228 Resp: 1212308

Ion Ratio Lower Upper

228 100

229 22.1 15.4 23.2

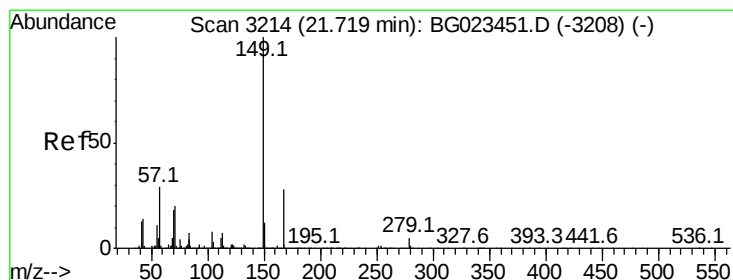
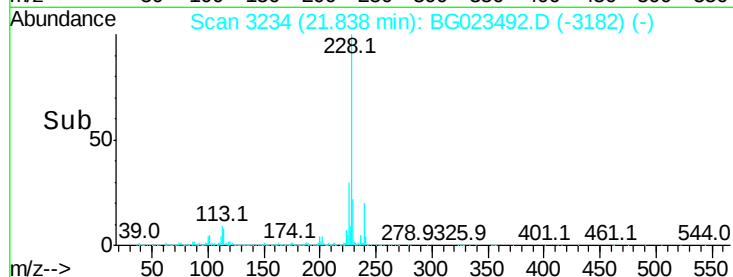
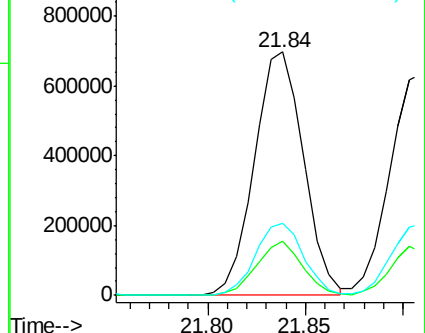
226 29.7 22.8 34.2



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: 22.74 ng/ul

RT: 21.71 min Scan# 3213

Delta R.T. 0.00 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

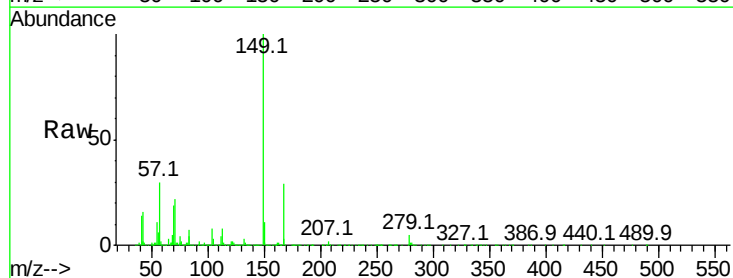
Tgt Ion:149 Resp: 713600

Ion Ratio Lower Upper

149 100

167 29.4 21.9 32.9

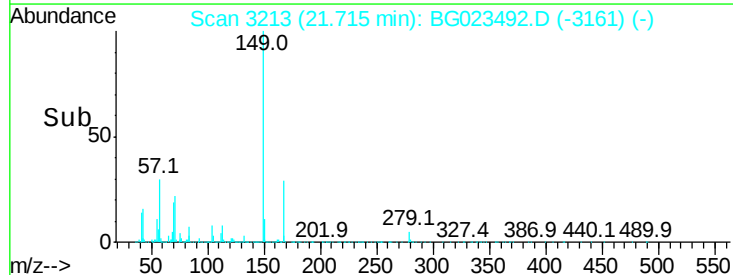
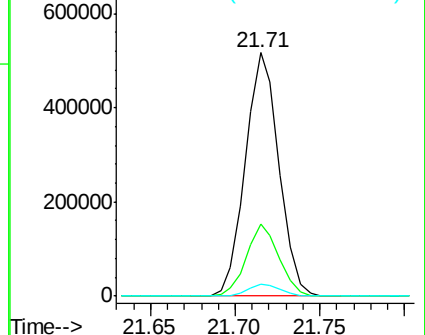
279 4.7 2.9 4.3#

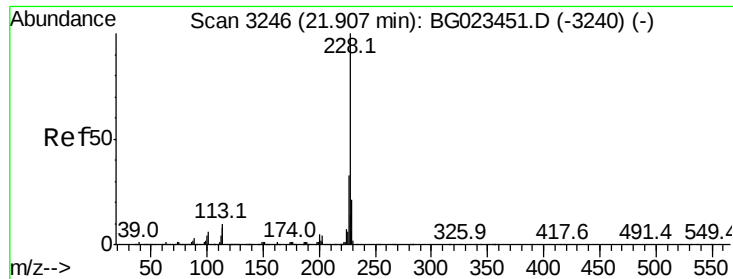


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 21.80 ng/ul

RT: 21.91 min Scan# 3246

Delta R.T. 0.00 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

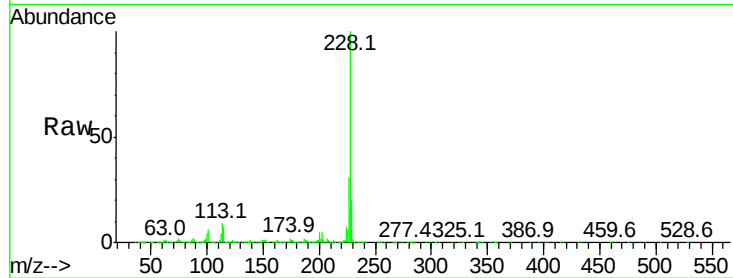
Instrument :

BNA\_G

ClientSampled :

Tot Ion:228 Resp: 1111138

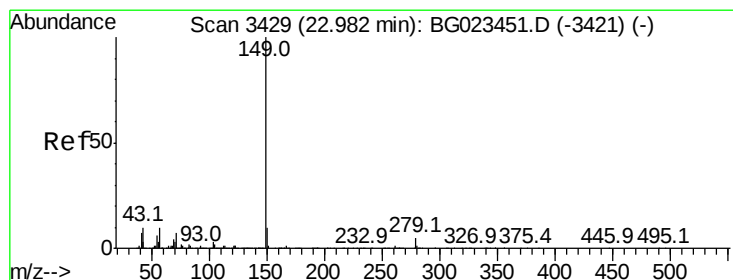
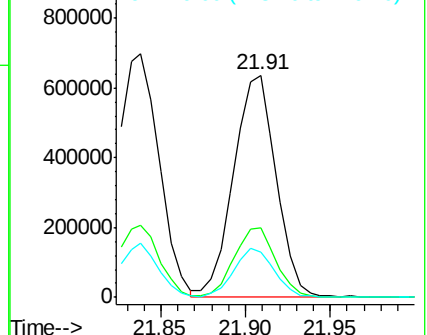
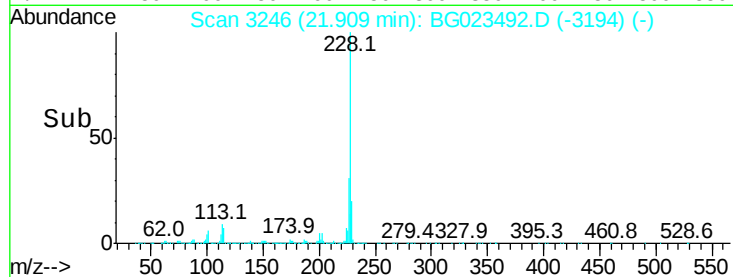
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 31.4  | 24.2  | 36.4  |
| 229 | 20.3  | 15.0  | 22.6  |



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: 24.45 ng/ul

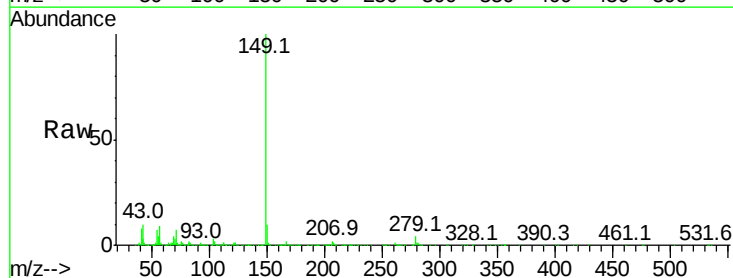
RT: 22.98 min Scan# 3428

Delta R.T. -0.00 min

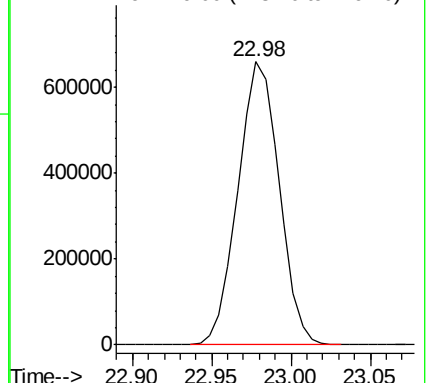
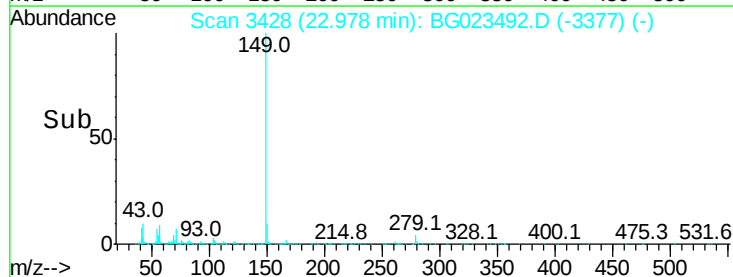
Lab File: BG023492.D

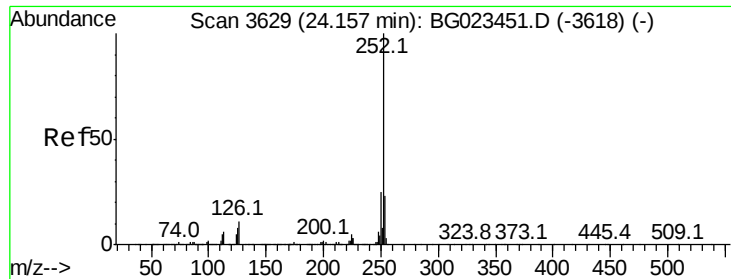
Acq: 5 Aug 2016 17:48

Tgt Ion:149 Resp: 1189829



Abundance Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 21.66 ng/ul

RT: 24.16 min Scan# 3629

Delta R.T. 0.00 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

Instrument :

BNA\_G

ClientSampleId :

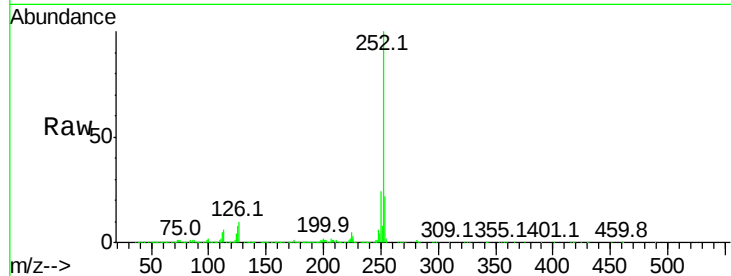
Tot Ion:252 Resp: 1187325

Ion Ratio Lower Upper

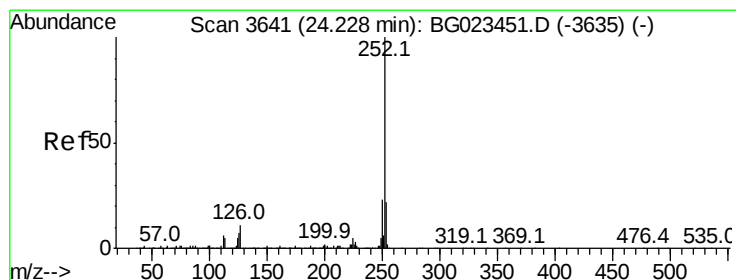
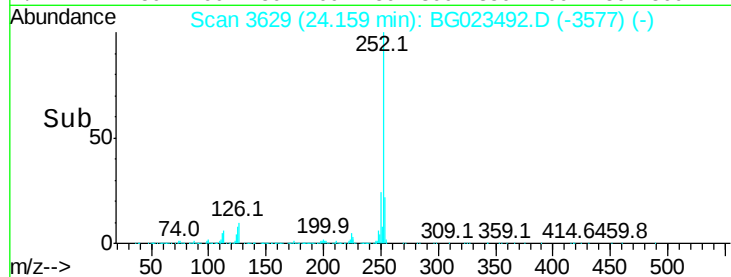
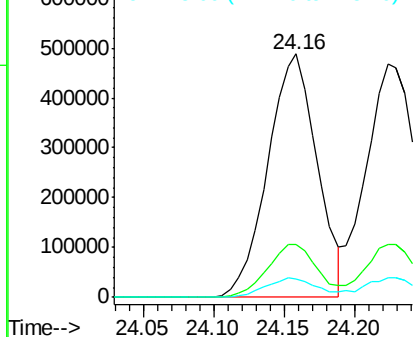
252 100

253 21.7 18.2 27.2

125 7.7 10.8 16.2#



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



#86

Benzo(k)fluoranthene

Concen: 21.77 ng/ul

RT: 24.22 min Scan# 3640

Delta R.T. -0.00 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

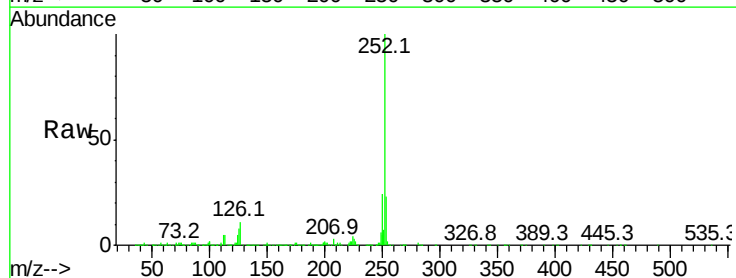
Tgt Ion:252 Resp: 1174528

Ion Ratio Lower Upper

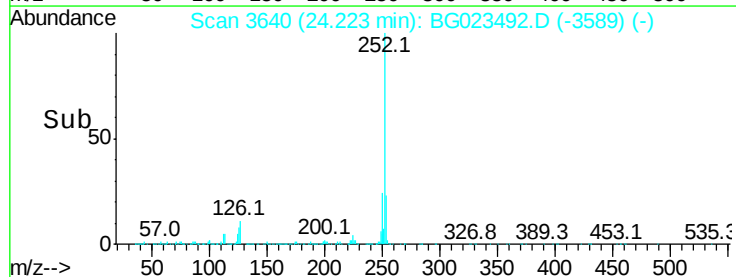
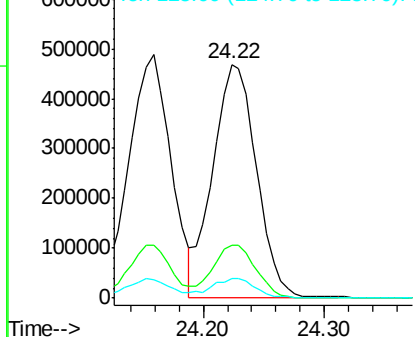
252 100

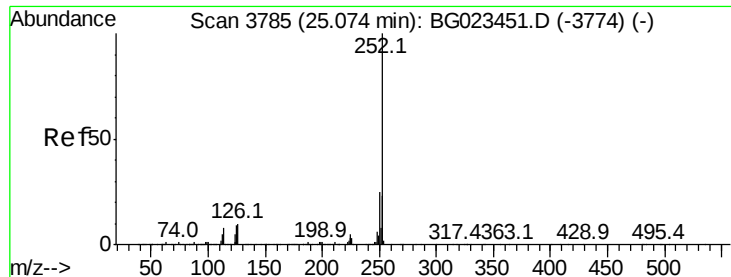
253 22.7 15.8 23.6

125 8.2 10.6 16.0#



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: 21.36 ng/ul

RT: 25.08 min Scan# 3785

Delta R.T. -0.00 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

Instrument :

BNA\_G

ClientSampleId :

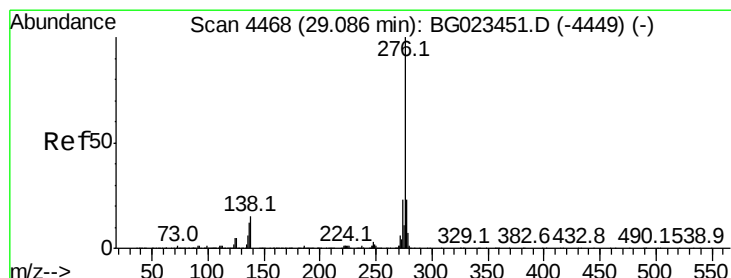
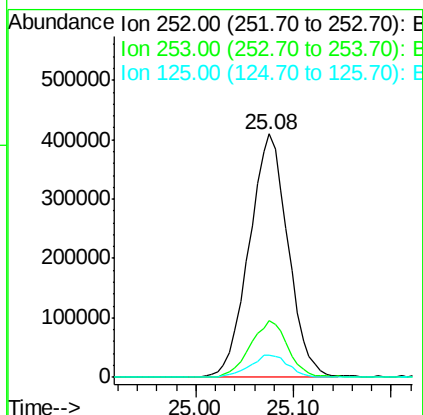
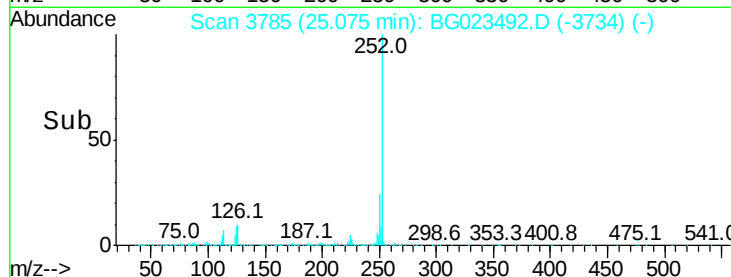
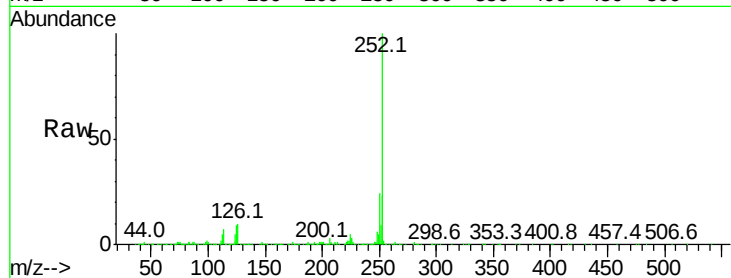
Tot Ion:252 Resp: 1130513

Ion Ratio Lower Upper

252 100

253 23.3 19.0 28.4

125 9.0 12.0 18.0#



#89

Indeno(1,2,3-cd)pyrene

Concen: 21.33 ng/ul

RT: 29.10 min Scan# 4471

Delta R.T. 0.02 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

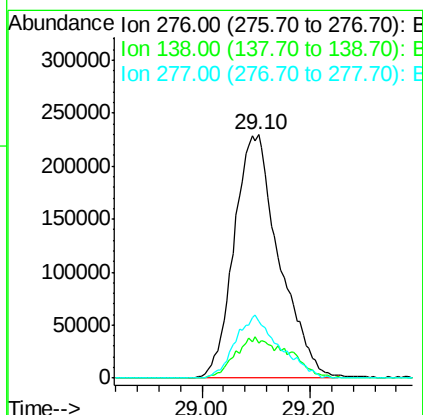
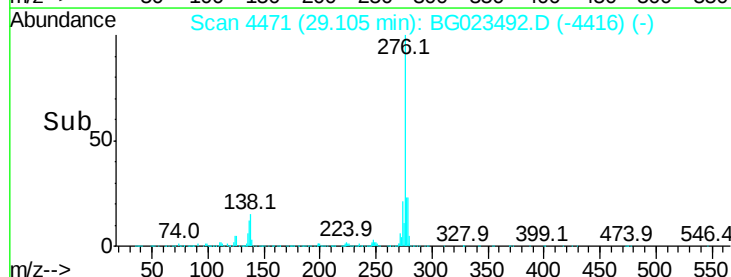
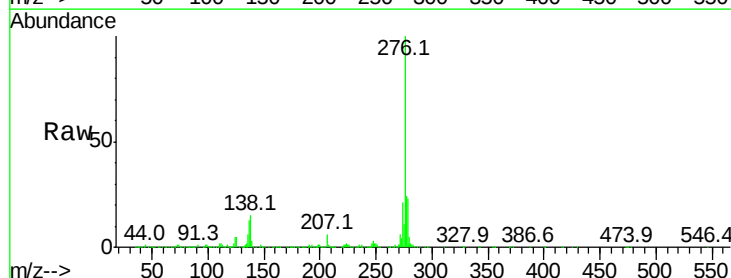
Tgt Ion:276 Resp: 1326104

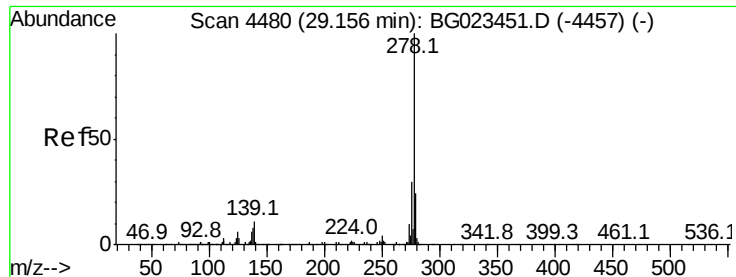
Ion Ratio Lower Upper

276 100

138 14.5 20.8 31.2#

277 23.5 17.6 26.4





#90

Dibenzo(a,h)anthracene

Concen: 21.23 ng/ul

RT: 29.16 min Scan# 4481

Delta R.T. 0.01 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

Instrument :

BNA\_G

ClientSampleId :

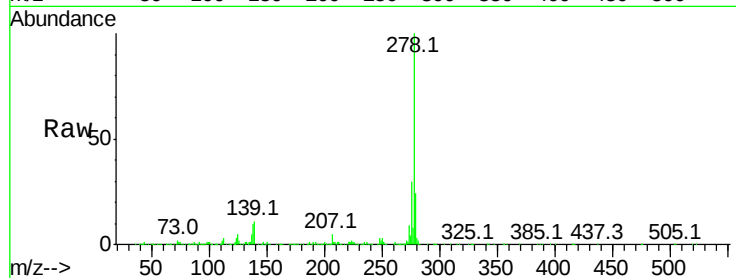
Tot Ion:278 Resp: 1125898

Ion Ratio Lower Upper

278 100

139 11.3 16.3 24.5#

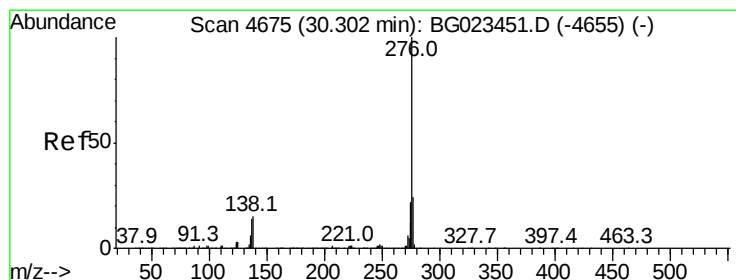
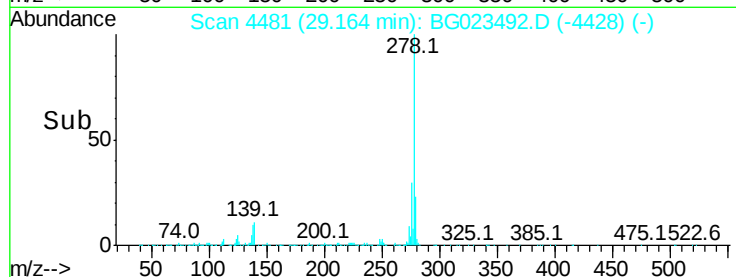
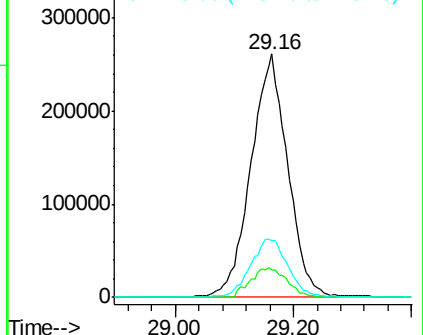
279 23.5 19.1 28.7



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: 11.78 ng/ul

RT: 30.30 min Scan# 4674

Delta R.T. -0.00 min

Lab File: BG023492.D

Acq: 5 Aug 2016 17:48

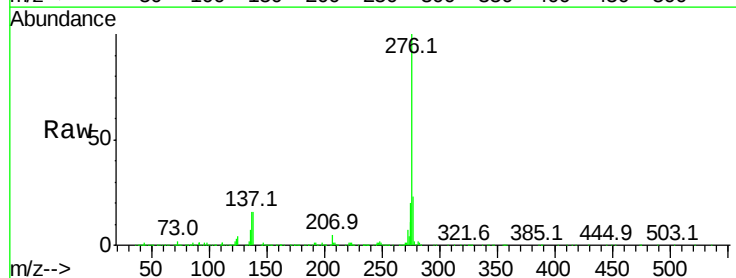
Tgt Ion:276 Resp: 607106

Ion Ratio Lower Upper

276 100

138 15.8 22.1 33.1#

277 22.6 17.0 25.4



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

