

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092315\  
 Data File : BG018852.D  
 Acq On : 23 Sep 2015 15:48  
 Operator : UM/NP  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02005

Quant Time: Sep 24 03:02:21 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Sep 24 03:00:14 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.00  | 152  | 79570    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.80 | 136  | 339230   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.63 | 164  | 213812   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.37 | 188  | 510873   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.63 | 240  | 601275   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.82 | 264  | 620540   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.44  | 96  | 11526  | 6.96  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.16  | 99  | 126531 | 19.37 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.32  | 67  | 75147  | 19.85 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.54  | 132 | 103873 | 20.99 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.71  | 113 | 105025 | 19.81 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.16  | 128 | 52313  | 20.35 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.89  | 143 | 56525  | 21.87 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.43 | 165 | 112971 | 20.76 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.94 | 131 | 141906 | 22.41 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.03 | 166 | 328183 | 19.07 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.32 | 160 | 415580 | 20.38 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.83 | 143 | 56698  | 17.17 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.62 | 176 | 302932 | 20.13 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.74 | 200 | 42025  | 17.38 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.47 | 188 | 464352 | 20.65 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.75 | 212 | 529391 | 19.14 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.60 | 264 | 621777 | 20.59 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       |        | Ovalue |
|--------------------------------|-------|-----|--------|-------|--------|--------|
| 2) 1,4-Dioxane                 | 3.48  | 88  | 13017  | 7.27  | ng/uL# | 69     |
| 4) Benzaldehyde                | 7.14  | 77  | 81444  | 21.55 | ng/ul  | 93     |
| 6) Phenol                      | 7.19  | 94  | 134814 | 19.95 | ng/ul# | 87     |
| 8) Bis(2-Chloroethyl)ether     | 7.42  | 93  | 102472 | 20.30 | ng/ul  | 96     |
| 10) 2-Chlorophenol             | 7.56  | 128 | 102887 | 20.09 | ng/ul  | 91     |
| 11) 2-Methylphenol             | 8.44  | 108 | 102689 | 19.76 | ng/ul  | 100    |
| 12) 2,2'-oxybis(1-Chloropropan | 8.53  | 45  | 116855 | 19.50 | ng/ul# | 91     |
| 14) Acetophenone               | 8.82  | 105 | 161628 | 20.02 | ng/ul# | 90     |
| 15) N-Nitroso-di-n-propylamine | 8.80  | 70  | 76223  | 18.30 | ng/ul# | 85     |
| 16) 4-Methylphenol             | 8.77  | 108 | 113470 | 19.86 | ng/ul  | 90     |
| 17) Hexachloroethane           | 9.09  | 117 | 40336  | 19.75 | ng/ul# | 74     |
| 20) Nitrobenzene               | 9.20  | 77  | 114832 | 19.27 | ng/ul# | 88     |
| 21) Isophorone                 | 9.72  | 82  | 222070 | 18.29 | ng/ul  | 96     |
| 23) 2-Nitrophenol              | 9.91  | 139 | 61197  | 21.01 | ng/ul# | 80     |
| 24) 2,4-Dimethylphenol         | 9.97  | 107 | 118404 | 19.61 | ng/ul  | 99     |
| 25) Bis(2-Chloroethoxy)methane | 10.20 | 93  | 139625 | 19.51 | ng/ul  | 97     |
| 27) 2,4-Dichlorophenol         | 10.45 | 162 | 112440 | 20.65 | ng/ul  | 96     |
| 28) Naphthalene                | 10.85 | 128 | 346691 | 20.08 | ng/ul  | 98     |
| 30) 4-Chloroaniline            | 10.96 | 127 | 149367 | 22.81 | ng/ul  | 99     |
| 31) Hexachlorobutadiene        | 11.14 | 225 | 71168  | 21.18 | ng/ul  | 93     |
| 32) Caprolactam                | 11.71 | 113 | 31668  | 14.20 | ng/ul  | 87     |
| 33) 4-Chloro-3-methylphenol    | 12.08 | 107 | 107968 | 18.60 | ng/ul  | 99     |
| 34) 2-Methylnaphthalene        | 12.45 | 142 | 254987 | 19.99 | ng/ul  | 95     |

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092315\  
 Data File : BG018852.D  
 Acq On : 23 Sep 2015 15:48  
 Operator : UM/NP  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02005

Quant Time: Sep 24 03:02:21 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Sep 24 03:00:14 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 35) 1-Methylnaphthalene        | 12.68 | 142  | 241881   | 19.79 | ng/ul# | 99       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.82 | 216  | 140237   | 21.16 | ng/ul  | 97       |
| 38) Hexachlorocyclopentadiene  | 12.81 | 237  | 53234    | 14.44 | ng/ul# | 90       |
| 39) 2,4,6-Trichlorophenol      | 13.06 | 196  | 90725    | 21.08 | ng/ul  | 98       |
| 40) 2,4,5-Trichlorophenol      | 13.14 | 196  | 97304    | 20.99 | ng/ul  | 97       |
| 41) 1,1'-Biphenyl              | 13.46 | 154  | 335207   | 20.72 | ng/ul  | 96       |
| 42) 2-Chloronaphthalene        | 13.50 | 162  | 259475   | 21.04 | ng/ul  | 95       |
| 43) 2-Nitroaniline             | 13.70 | 65   | 69538    | 19.02 | ng/ul# | 71       |
| 45) Dimethylphthalate          | 14.07 | 163  | 318707   | 19.11 | ng/ul  | 98       |
| 46) 2,6-Dinitrotoluene         | 14.20 | 165  | 71414    | 21.29 | ng/ul# | 85       |
| 48) Acenaphthylene             | 14.35 | 152  | 438978   | 20.23 | ng/ul  | 99       |
| 49) 3-Nitroaniline             | 14.53 | 138  | 76743    | 21.55 | ng/ul# | 84       |
| 50) Acenaphthene               | 14.69 | 153  | 294997   | 20.19 | ng/ul  | 99       |
| 51) 2,4-Dinitrophenol          | 14.74 | 184  | 19912    | 13.20 | ng/ul# | 79       |
| 53) 4-Nitrophenol              | 14.84 | 109  | 38464    | 16.99 | ng/ul  | 88       |
| 54) Dibenzofuran               | 15.03 | 168  | 410696   | 20.03 | ng/ul  | 92       |
| 55) 2,4-Dinitrotoluene         | 14.99 | 165  | 100269   | 20.08 | ng/ul# | 84       |
| 56) 2,3,4,6-Tetrachlorophenol  | 15.25 | 232  | 84439    | 18.86 | ng/ul# | 91       |
| 57) Diethylphthalate           | 15.44 | 149  | 323263   | 18.65 | ng/ul  | 97       |
| 59) Fluorene                   | 15.67 | 166  | 337570   | 19.49 | ng/ul  | 96       |
| 60) 4-Chlorophenyl-phenylether | 15.66 | 204  | 165434   | 20.04 | ng/ul  | 91       |
| 61) 4-Nitroaniline             | 15.69 | 138  | 82639    | 20.18 | ng/ul  | 84       |
| 64) 4,6-Dinitro-2-methylphenol | 15.75 | 198  | 43297    | 17.45 | ng/ul# | 87       |
| 65) N-Nitrosodiphenylamine     | 15.88 | 169  | 285383   | 21.33 | ng/ul  | 94       |
| 66) 4-Bromophenyl-phenylether  | 16.55 | 248  | 108523   | 21.68 | ng/ul  | 93       |
| 67) Hexachlorobenzene          | 16.68 | 284  | 121465   | 21.89 | ng/ul  | 95       |
| 68) Atrazine                   | 16.82 | 200  | 120586   | 20.46 | ng/ul  | 95       |
| 69) Pentachlorophenol          | 17.02 | 266  | 50052    | 15.47 | ng/ul  | 97       |
| 70) Phenanthrene               | 17.41 | 178  | 533525   | 20.54 | ng/ul  | 99       |
| 72) Anthracene                 | 17.51 | 178  | 533360   | 20.48 | ng/ul  | 99       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.43 | 216  | 140776   | 23.16 | ng/uL  | 99       |
| 74) Pentachlorobenzene         | 14.95 | 250  | 140586   | 23.68 | ng/uL  | 96       |
| 75) Carbazole                  | 17.77 | 167  | 499960   | 21.61 | ng/ul  | 100      |
| 76) Di-n-butylphthalate        | 18.33 | 149  | 580194   | 19.86 | ng/ul  | 99       |
| 77) Fluoranthene               | 19.42 | 202  | 653733   | 22.71 | ng/ul  | 96       |
| 80) Pvrene                     | 19.78 | 202  | 667338   | 18.87 | ng/ul  | 97       |
| 81) Butylbenzylphthalate       | 20.66 | 149  | 288405   | 21.26 | ng/ul  | 96       |
| 82) 3,3'-Dichlorobenzidine     | 21.52 | 252  | 268189   | 25.15 | ng/ul  | 99       |
| 83) Benzo(a)anthracene         | 21.61 | 228  | 688701   | 20.66 | ng/ul  | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.51 | 149  | 432567   | 21.51 | ng/ul# | 98       |
| 85) Chrysene                   | 21.68 | 228  | 643450   | 20.92 | ng/ul  | 97       |
| 87) Di-n-octyl phthalate       | 22.71 | 149  | 742320   | 22.61 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 23.80 | 252  | 720563   | 20.53 | ng/ul  | 99       |
| 89) Benzo(k)fluoranthene       | 23.87 | 252  | 669378   | 19.92 | ng/ul  | 99       |
| 91) Benzo(a)pyrene             | 24.67 | 252  | 675303   | 20.25 | ng/ul  | 99       |
| 92) Indeno(1,2,3-cd)pyrene     | 28.45 | 276  | 796041   | 20.59 | ng/ul  | 100      |
| 93) Dibenzo(a,h)anthracene     | 28.50 | 278  | 662421   | 21.34 | ng/ul  | 94       |
| 94) Benzo(a,h,i)perylene       | 29.58 | 276  | 642886   | 19.92 | ng/ul  | 98       |

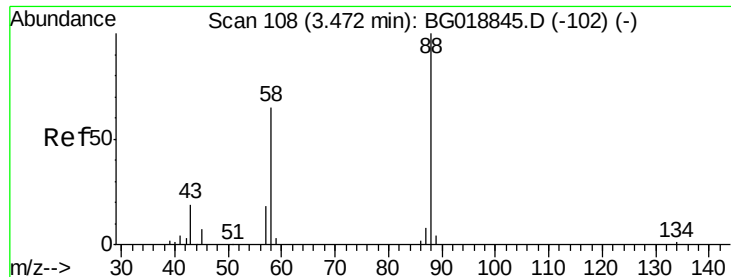
Data Path : Z:\HPCHEM1\BNA G\DATA\BG092315\  
Data File : BG018852.D  
Acq On : 23 Sep 2015 15:48  
Operator : UM/NP  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02005

Quant Time: Sep 24 03:02:21 2015  
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Sep 24 03:00:14 2015  
Response via : Initial Calibration

| Internal Standards                                                   | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |





#2

1,4-Dioxane

Concen: 7.27 ng/uL

RT: 3.48 min Scan# 108

Delta R.T. 0.00 min

Lab File: BG018852.D

Acq: 23 Sep 2015 15:48

Instrument :

BNA\_G

ClientSampleId :

SSTD02005

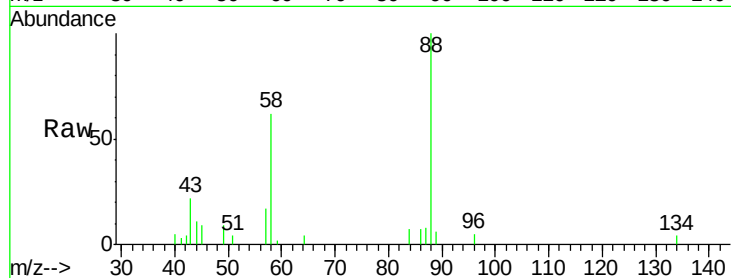
Tot Ion: 88 Resp: 13017

Ion Ratio Lower Upper

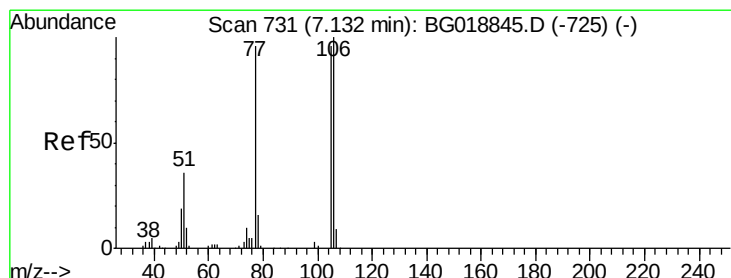
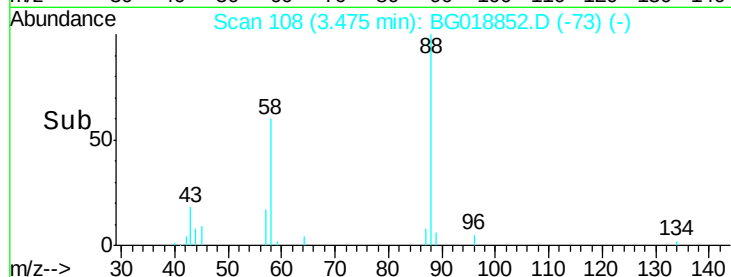
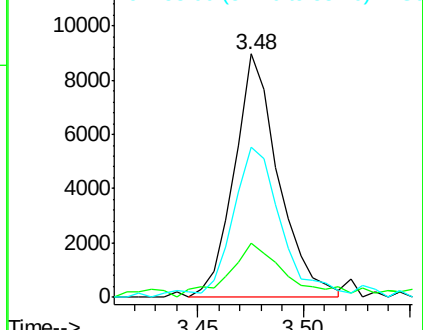
88 100

43 22.0 33.0 49.4#

58 61.7 73.4 110.0#



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



#4

Benzaldehyde

Concen: 21.55 ng/uL

RT: 7.14 min Scan# 731

Delta R.T. 0.00 min

Lab File: BG018852.D

Acq: 23 Sep 2015 15:48

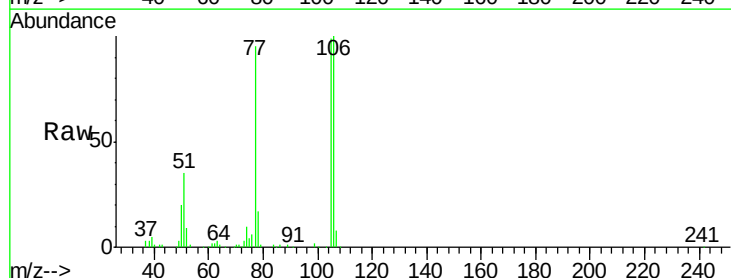
Tgt Ion: 77 Resp: 81444

Ion Ratio Lower Upper

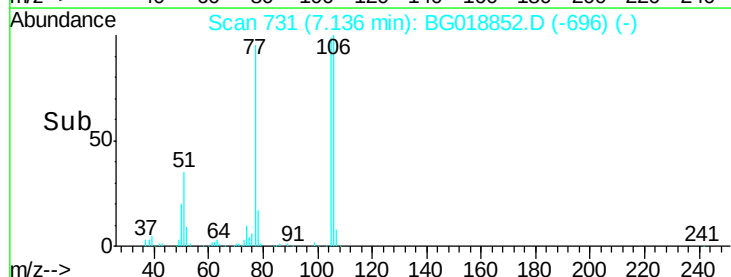
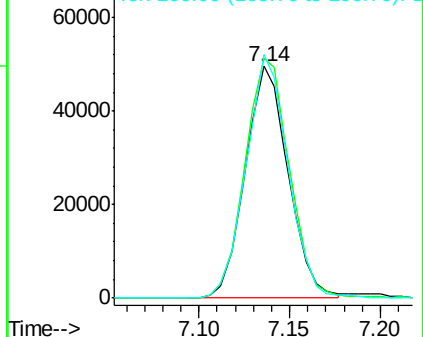
77 100

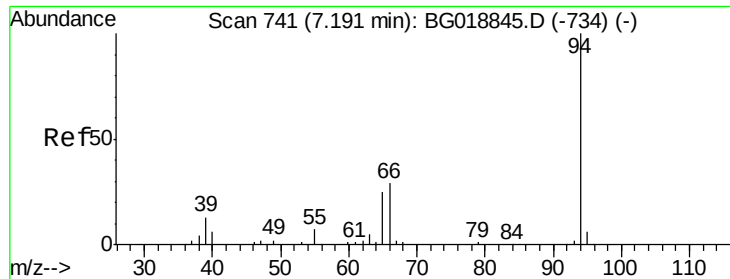
105 103.4 78.2 117.2

106 105.0 76.8 115.2



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

Phenol

Concen: 19.95 ng/ul

RT: 7.19 min Scan# 741

Delta R.T. 0.00 min

Lab File: BG018852.D

Acq: 23 Sep 2015 15:48

Instrument :

BNA\_G

ClientSampleId :

SSTD02005

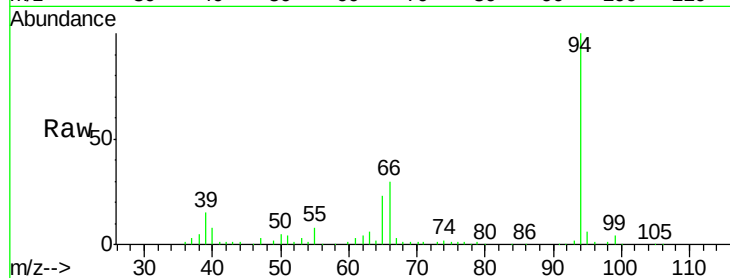
Tot Ion: 94 Resp: 134814

Ion Ratio Lower Upper

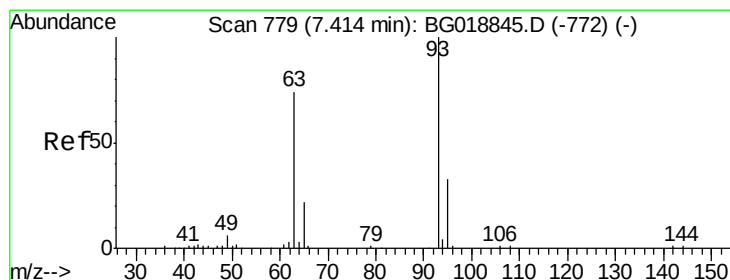
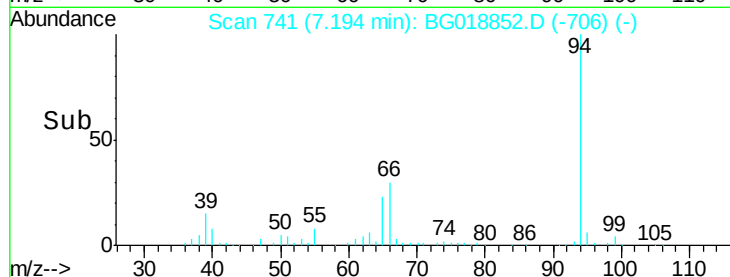
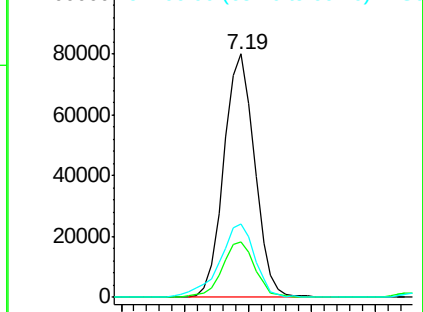
94 100

65 22.6 23.0 34.6#

66 30.1 31.0 46.4#



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



#8

Bis(2-Chloroethyl)ether

Concen: 20.30 ng/ul

RT: 7.42 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG018852.D

Acq: 23 Sep 2015 15:48

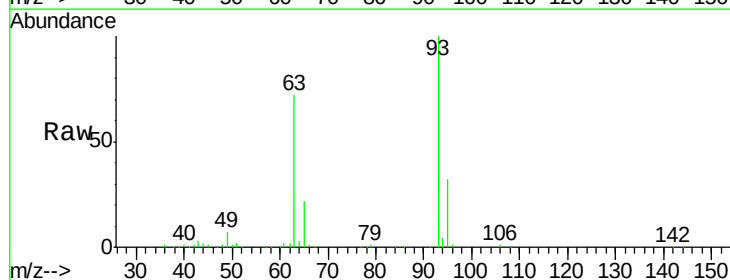
Tgt Ion: 93 Resp: 102472

Ion Ratio Lower Upper

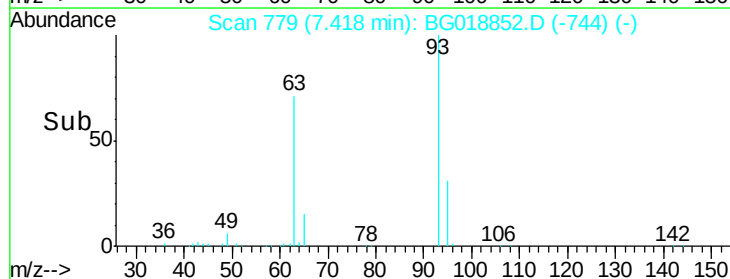
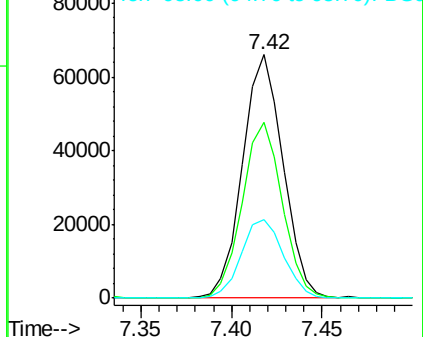
93 100

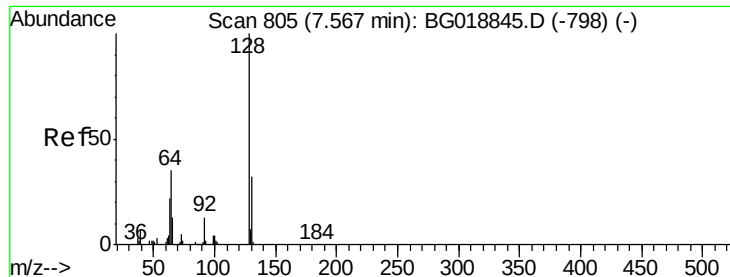
63 72.3 61.4 92.2

95 32.2 25.9 38.9



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

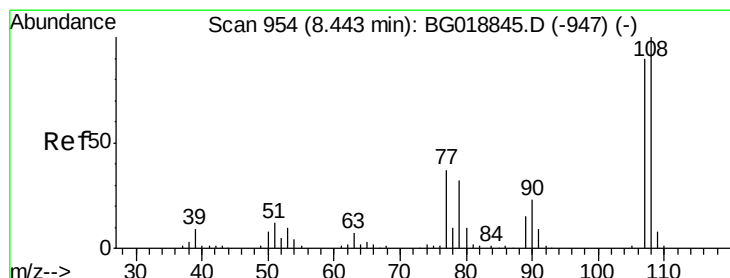
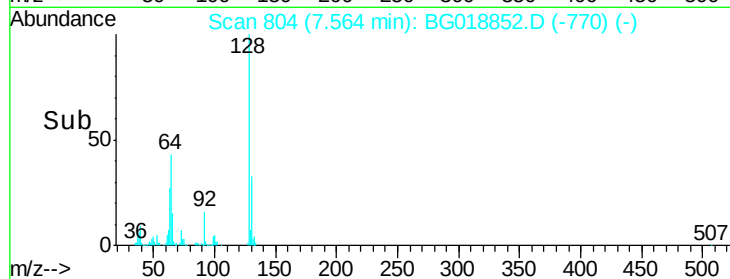
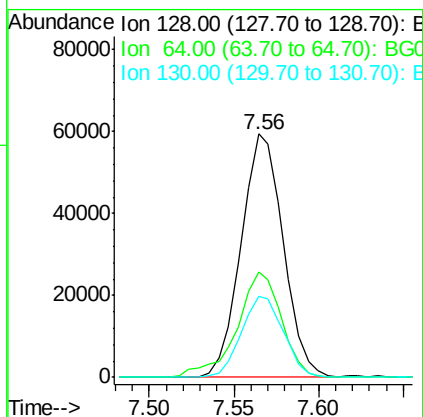
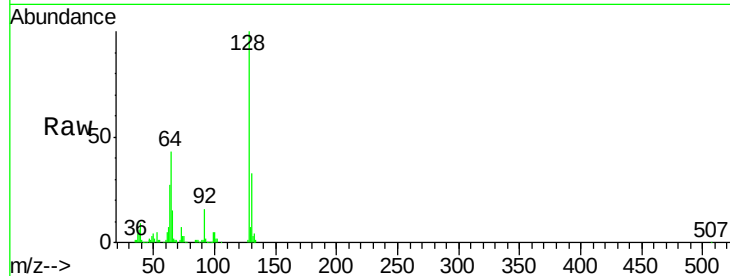




#10  
2-Chlorophenol  
Concen: 20.09 ng/ul  
RT: 7.56 min Scan# 804  
Delta R.T. -0.00 min  
Lab File: BG018852.D  
Acq: 23 Sep 2015 15:48

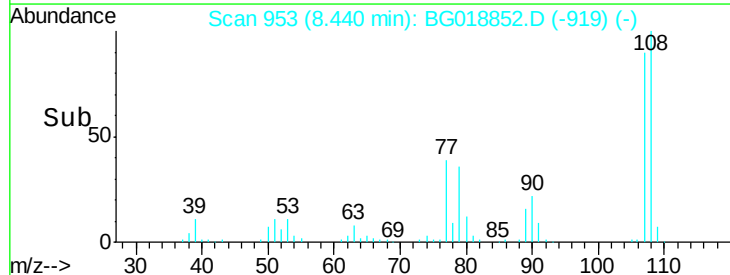
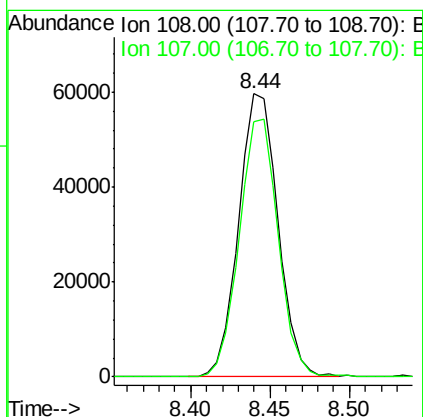
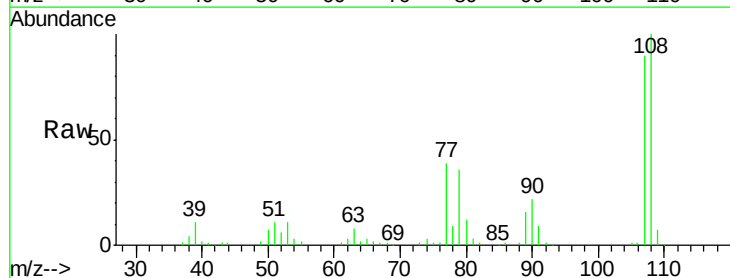
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02005

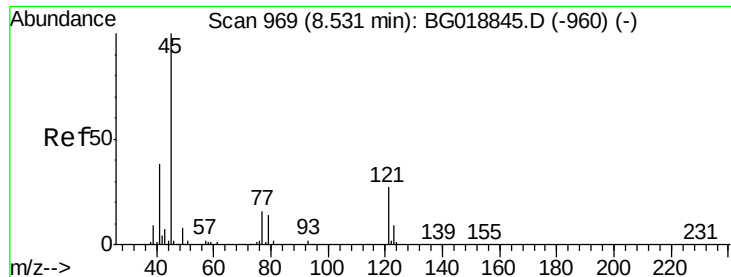
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 64      | 43.1  | 40.9  | 61.3  |
| 130     | 33.4  | 24.5  | 36.7  |



#11  
2-Methylphenol  
Concen: 19.76 ng/ul  
RT: 8.44 min Scan# 953  
Delta R.T. -0.00 min  
Lab File: BG018852.D  
Acq: 23 Sep 2015 15:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 108     | 100   |       |       |
| 107     | 90.3  | 72.1  | 108.1 |

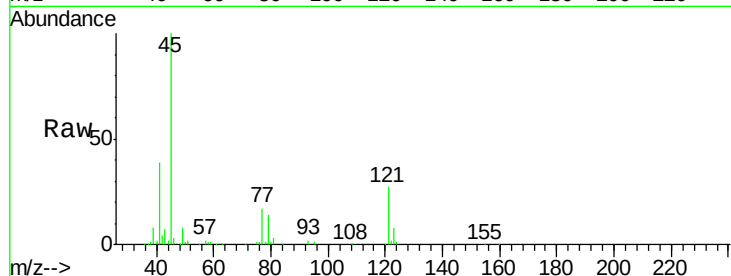




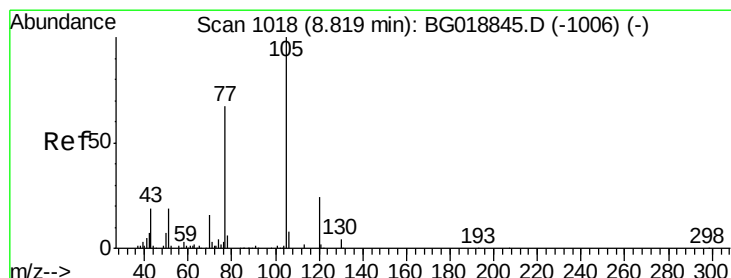
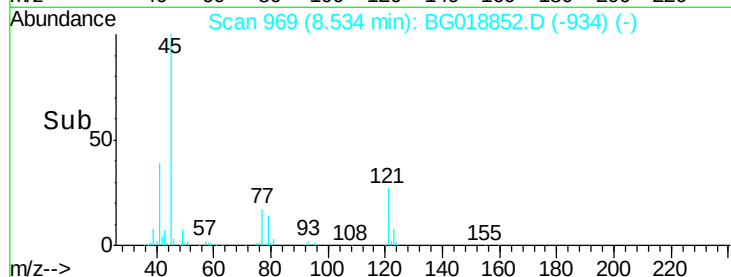
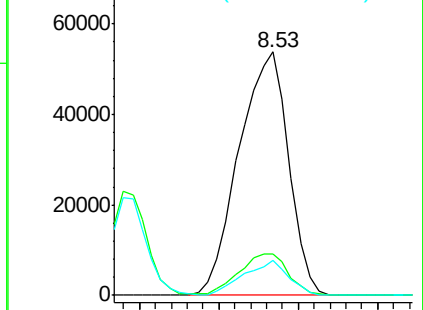
#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 19.50 ng/ul  
RT: 8.53 min Scan# 969  
Delta R.T. 0.00 min  
Lab File: BG018852.D  
Acq: 23 Sep 2015 15:48

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 16.8  | 11.3  | 16.9  |
| 79      | 14.1  | 7.8   | 11.8# |

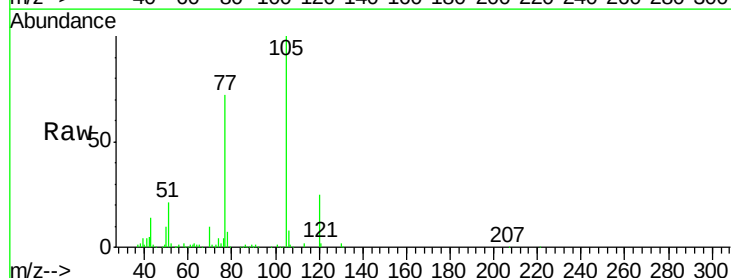


Abundance Ion 45.00 (44.70 to 45.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC

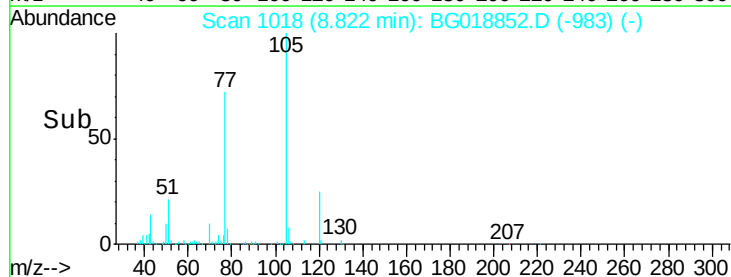
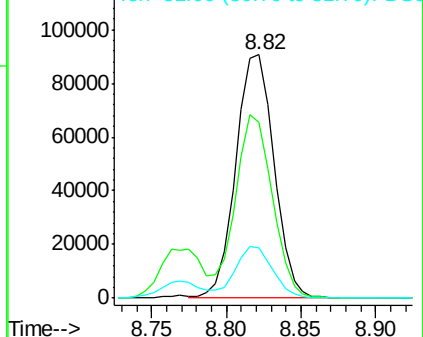


#14  
Acetophenone  
Concen: 20.02 ng/ul  
RT: 8.82 min Scan# 1018  
Delta R.T. 0.00 min  
Lab File: BG018852.D  
Acq: 23 Sep 2015 15:48

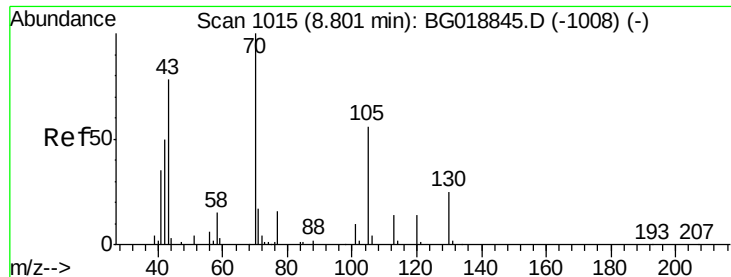
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 77      | 72.0  | 61.9  | 92.9  |
| 51      | 20.9  | 25.5  | 38.3# |



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: 18.30 ng/ul

RT: 8.80 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BG018852.D

Acq: 23 Sep 2015 15:48

Instrument :

BNA\_G

ClientSampleId :

SSTD02005

Tot Ion: 70 Resp: 76223

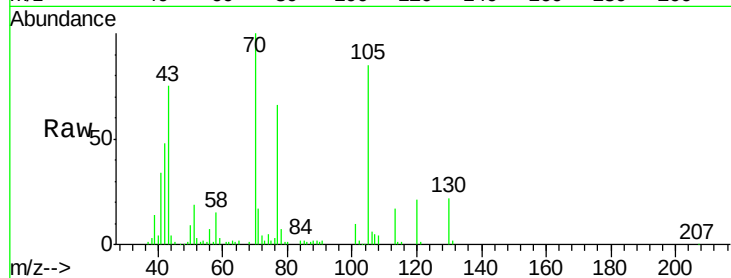
Ion Ratio Lower Upper

70 100

42 48.3 50.7 76.1#

101 9.8 7.4 11.2

130 22.0 15.8 23.6

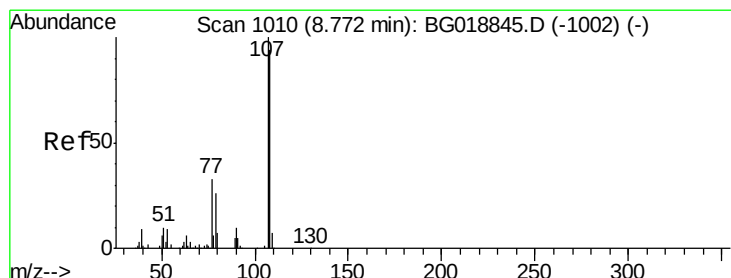
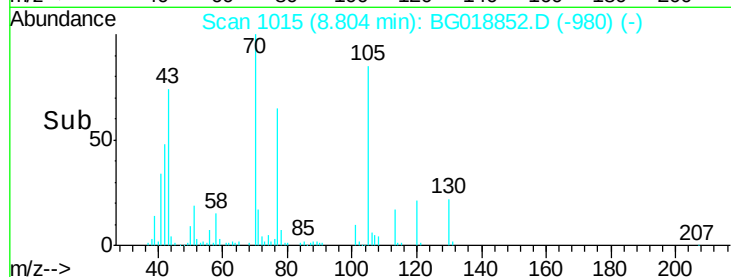
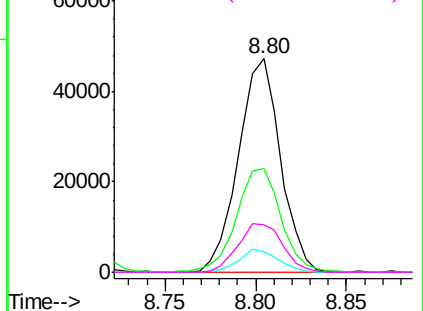


Abundance Ion 70.00 (69.70 to 70.70): BG018852.D (-980) (-)

Ion 42.00 (41.70 to 42.70): BG018852.D (-980) (-)

Ion 101.00 (100.70 to 101.70): BG018852.D (-980) (-)

Ion 130.00 (129.70 to 130.70): BG018852.D (-980) (-)



#16

4-Methylphenol

Concen: 19.86 ng/ul

RT: 8.77 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BG018852.D

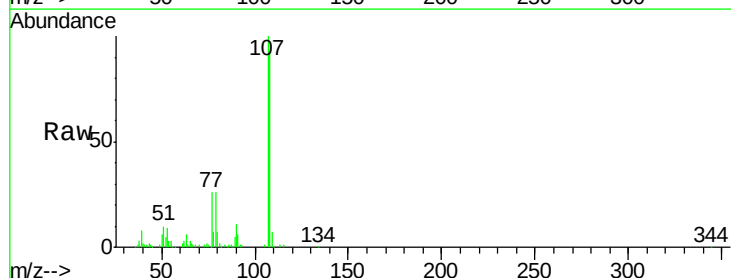
Acq: 23 Sep 2015 15:48

Tgt Ion:108 Resp: 113470

Ion Ratio Lower Upper

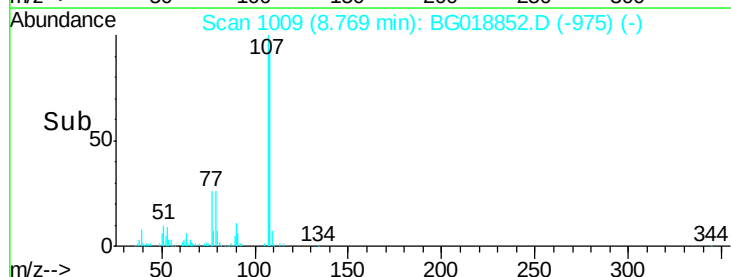
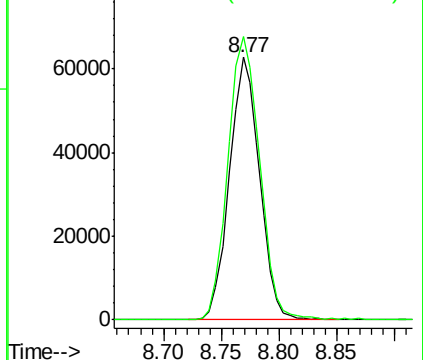
108 100

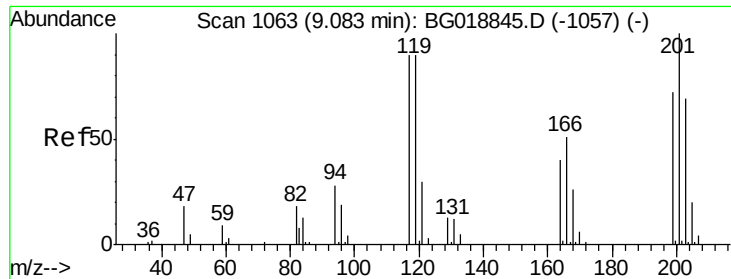
107 107.7 94.6 142.0



Abundance Ion 108.00 (107.70 to 108.70): BG018852.D (-975) (-)

Ion 107.00 (106.70 to 107.70): BG018852.D (-975) (-)





#17

Hexachloroethane

Concen: 19.75 ng/ul

RT: 9.09 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BG018852.D

Acq: 23 Sep 2015 15:48

Instrument :

BNA\_G

ClientSampleId :

SSTD02005

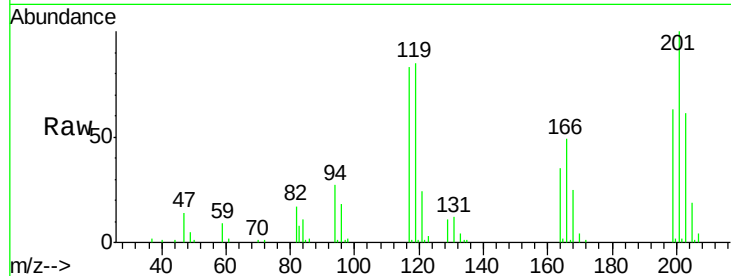
Tot Ion:117 Resp: 40336

Ion Ratio Lower Upper

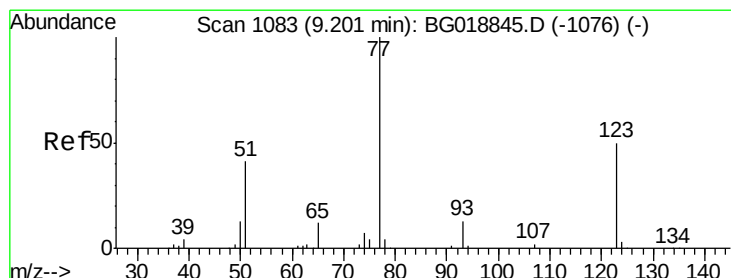
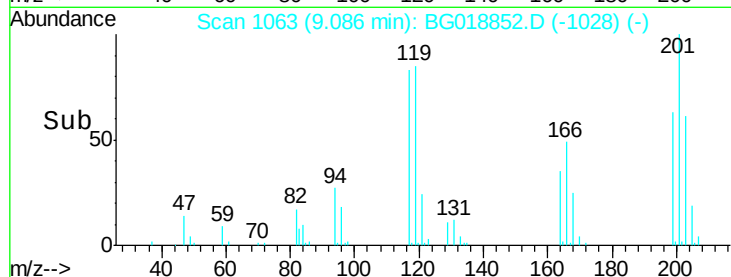
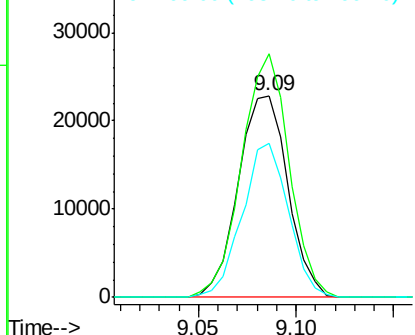
117 100

201 120.6 73.6 110.4#

199 76.4 48.6 72.8#



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: 19.27 ng/ul

RT: 9.20 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BG018852.D

Acq: 23 Sep 2015 15:48

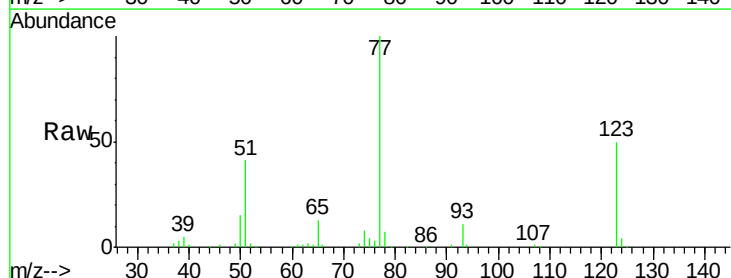
Tgt Ion: 77 Resp: 114832

Ion Ratio Lower Upper

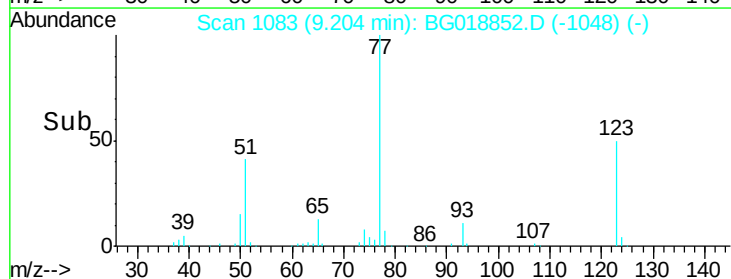
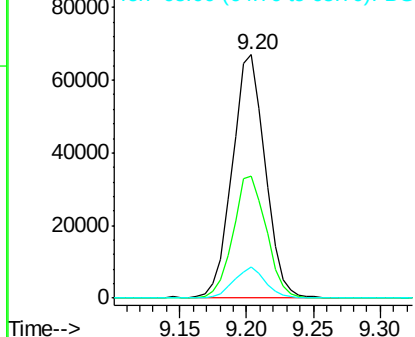
77 100

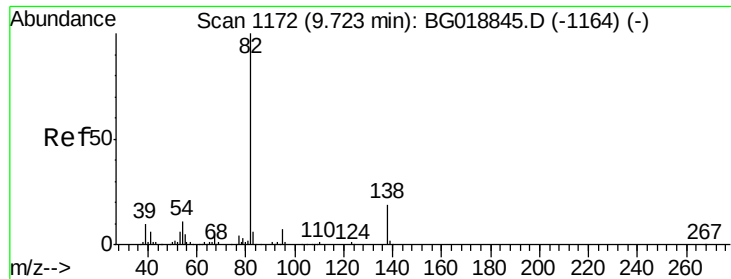
123 50.2 32.8 49.2#

65 12.6 12.2 18.2



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

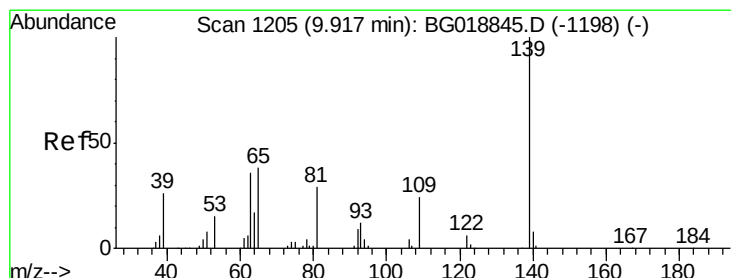
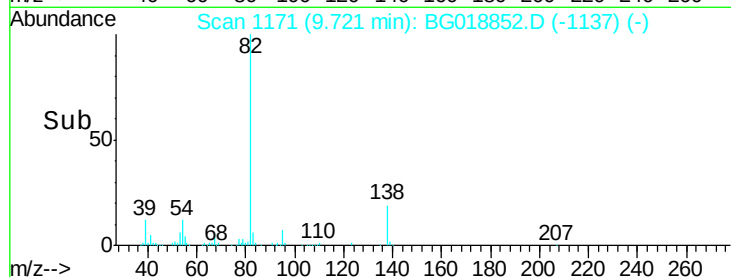
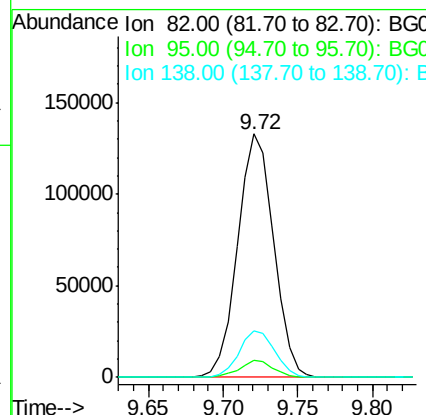
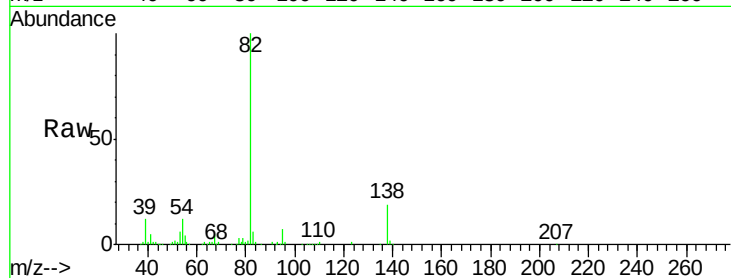




#21  
Isophorone  
Concen: 18.29 ng/ul  
RT: 9.72 min Scan# 1171  
Delta R.T. -0.00 min  
Lab File: BG018852.D  
Acq: 23 Sep 2015 15:48

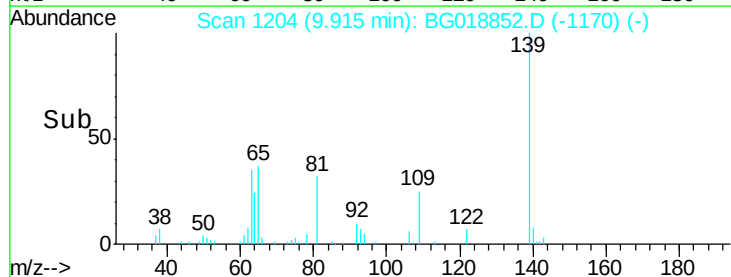
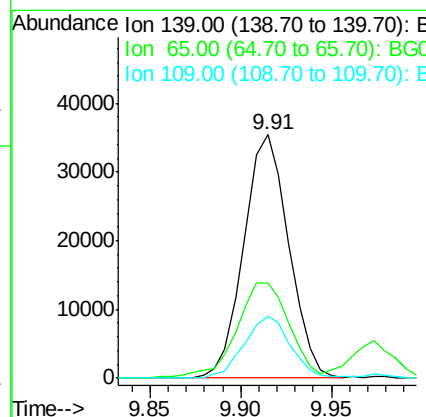
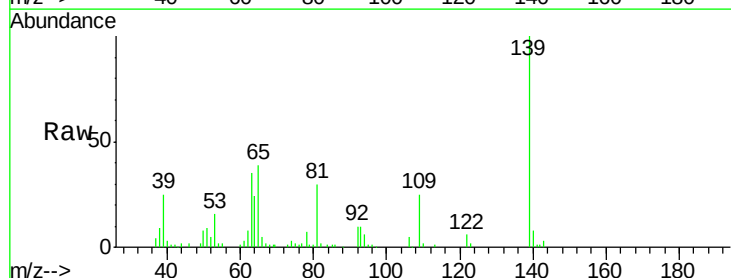
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02005

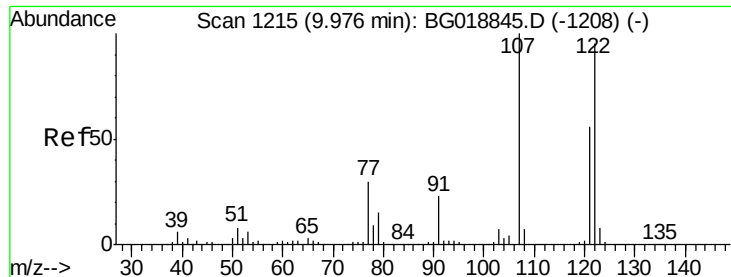
| Tot Ion   | 82    | Resp  | 222070 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.9   | 5.2   | 7.8    |
| 138       | 19.3  | 13.8  | 20.8   |



#23  
2-Nitrophenol  
Concen: 21.01 ng/ul  
RT: 9.91 min Scan# 1204  
Delta R.T. -0.00 min  
Lab File: BG018852.D  
Acq: 23 Sep 2015 15:48

| Tgt Ion   | 139   | Resp  | 61197 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 65        | 39.2  | 45.6  | 68.4# |
| 109       | 25.4  | 25.4  | 38.2# |





#24

2,4-Dimethylphenol

Concen: 19.61 ng/ul

RT: 9.97 min Scan# 1214

Delta R.T. -0.00 min

Lab File: BG018852.D

Acq: 23 Sep 2015 15:48

Instrument :

BNA\_G

ClientSampleId :

SSTD02005

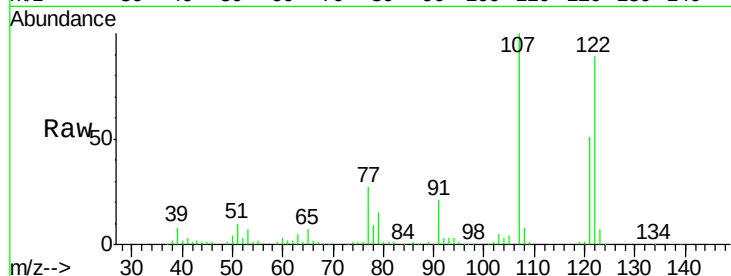
Tot Ion:107 Resp: 118404

Ion Ratio Lower Upper

107 100

121 50.8 41.3 61.9

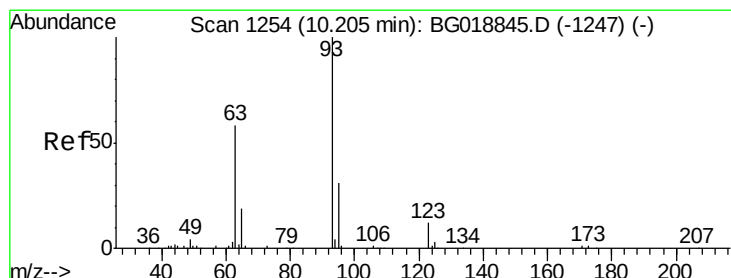
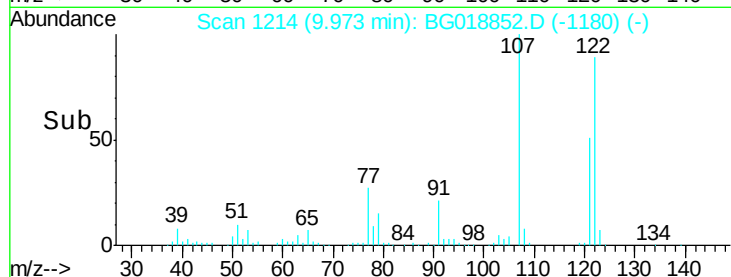
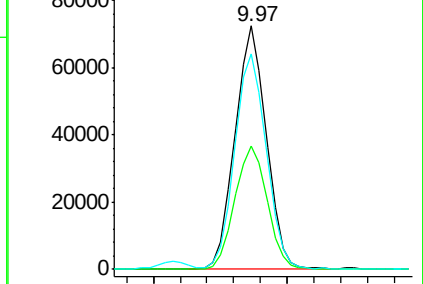
122 88.6 71.9 107.9



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 19.51 ng/ul

RT: 10.20 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BG018852.D

Acq: 23 Sep 2015 15:48

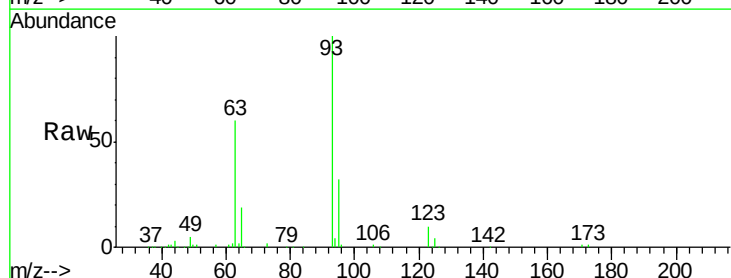
Tgt Ion: 93 Resp: 139625

Ion Ratio Lower Upper

93 100

95 31.8 24.1 36.1

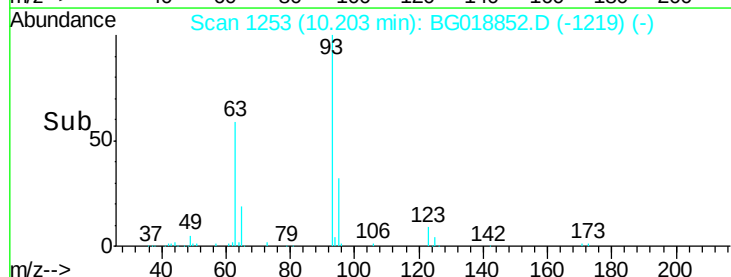
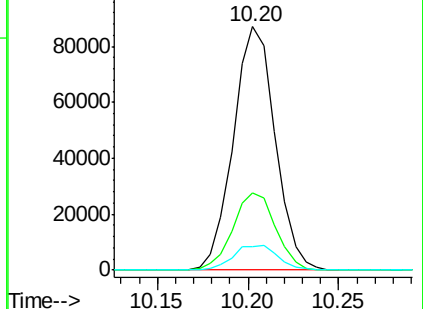
123 9.7 8.9 13.3

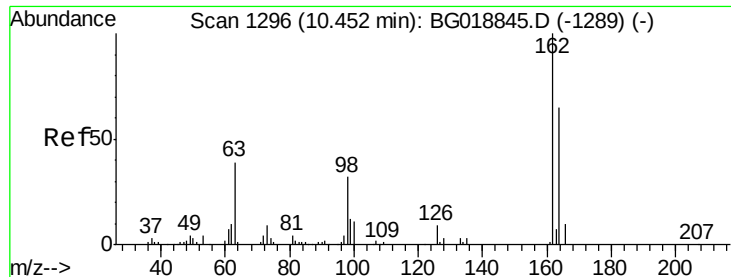


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

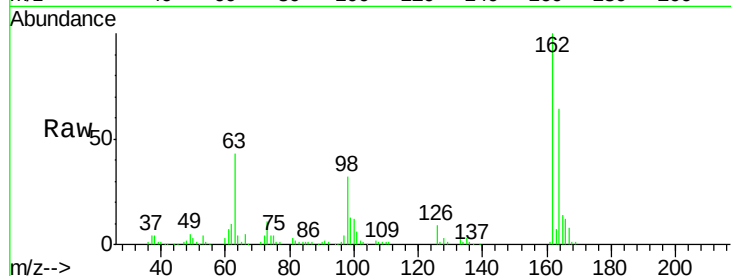




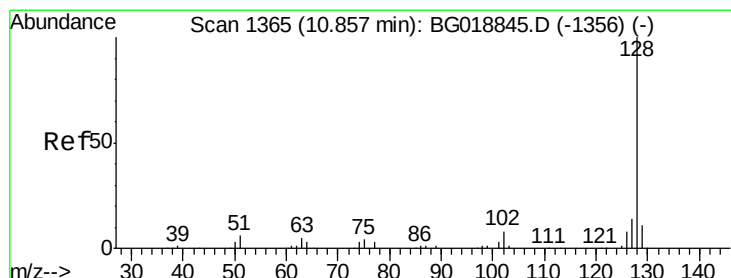
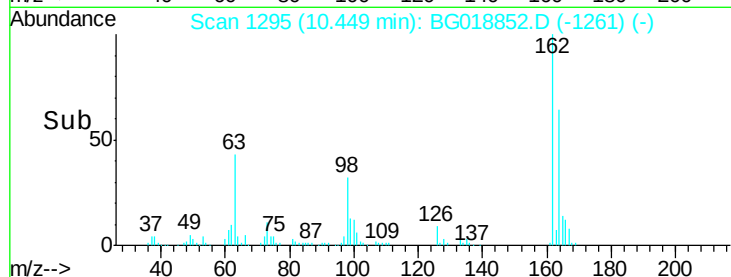
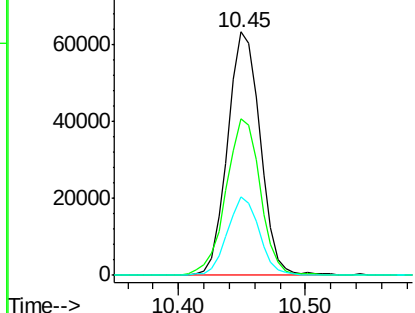
#27  
 2,4-Dichlorophenol  
 Concen: 20.65 ng/ul  
 RT: 10.45 min Scan# 1295  
 Delta R.T. -0.00 min  
 Lab File: BG018852.D  
 Acq: 23 Sep 2015 15:48

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.1  | 51.7  | 77.5  |
| 98      | 32.4  | 30.4  | 45.6  |

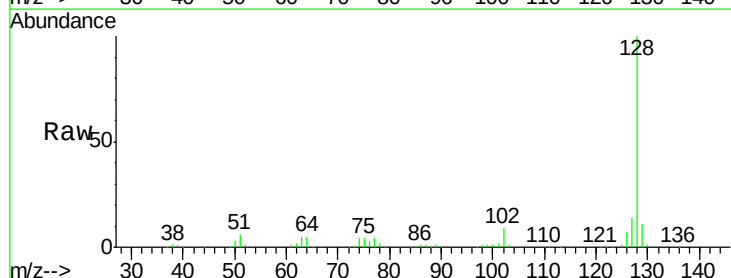


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): B

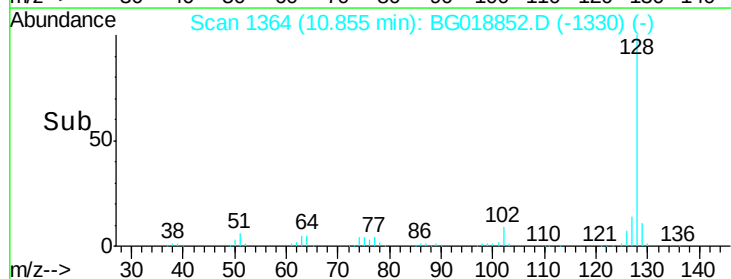
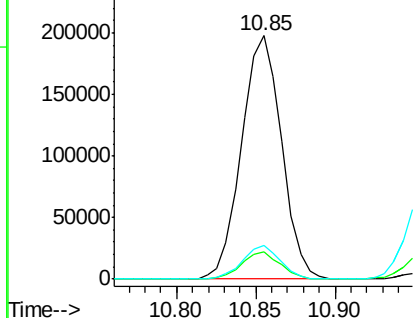


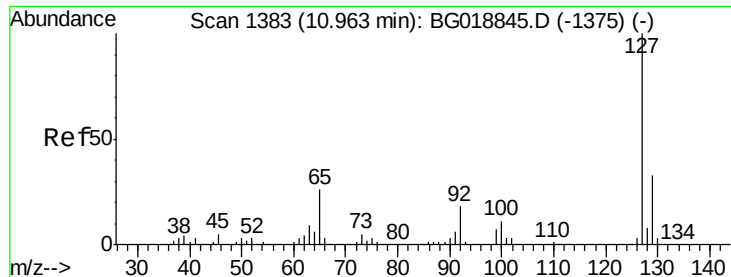
#28  
 Naphthalene  
 Concen: 20.08 ng/ul  
 RT: 10.85 min Scan# 1364  
 Delta R.T. -0.00 min  
 Lab File: BG018852.D  
 Acq: 23 Sep 2015 15:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.1  | 9.6   | 14.4  |
| 127     | 13.9  | 10.5  | 15.7  |



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

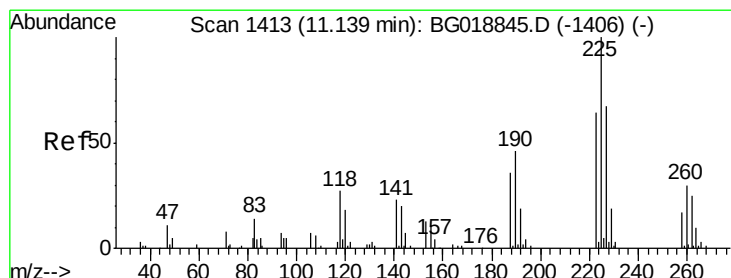
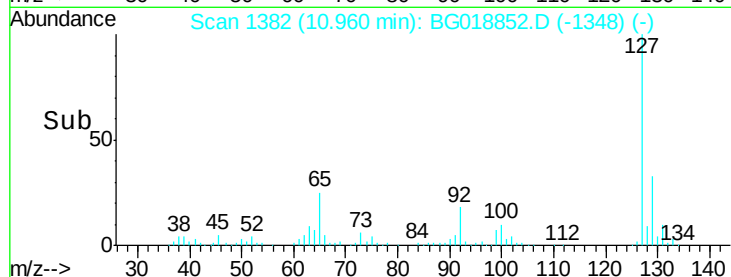
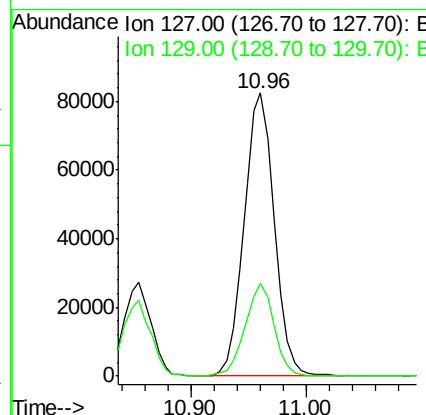
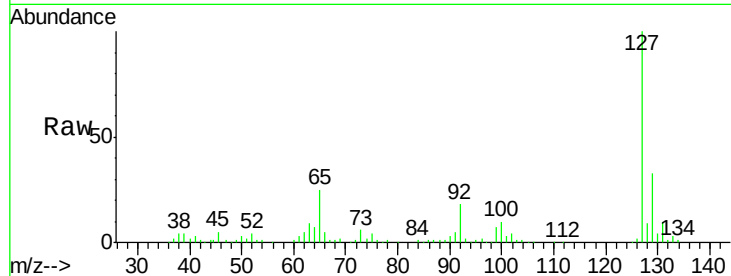




#30  
4-Chloroaniline  
Concen: 22.81 ng/ul  
RT: 10.96 min Scan# 1382  
Delta R.T. -0.00 min  
Lab File: BG018852.D  
Acq: 23 Sep 2015 15:48

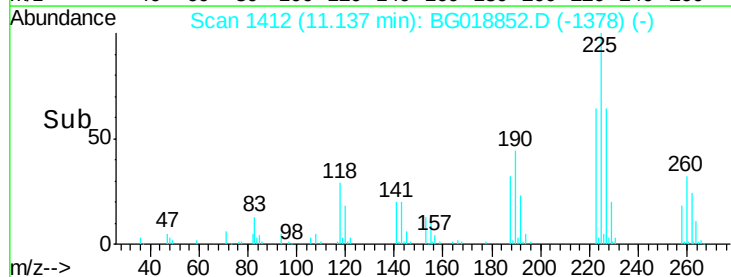
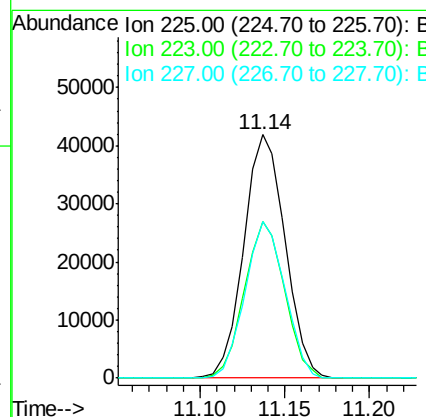
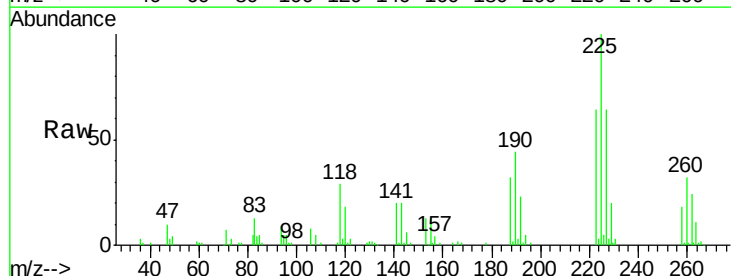
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02005

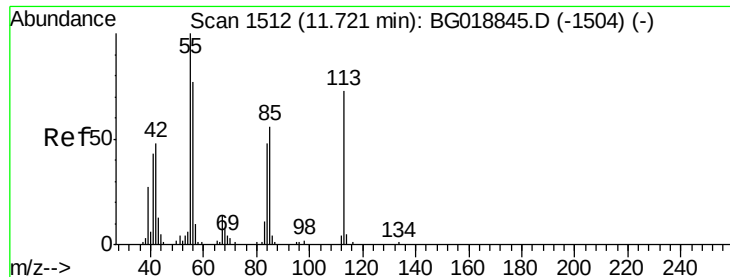
Tot Ion:127 Resp: 149367  
Ion Ratio Lower Upper  
127 100  
129 32.8 26.7 40.1



#31  
Hexachlorobutadiene  
Concen: 21.18 ng/ul  
RT: 11.14 min Scan# 1412  
Delta R.T. -0.00 min  
Lab File: BG018852.D  
Acq: 23 Sep 2015 15:48

Tgt Ion:225 Resp: 71168  
Ion Ratio Lower Upper  
225 100  
223 64.4 45.8 68.8  
227 64.1 54.0 81.0





#32

Caprolactam

Concen: 14.20 ng/ul

RT: 11.71 min Scan# 1510

Delta R.T. -0.01 min

Lab File: BG018852.D

Acq: 23 Sep 2015 15:48

Instrument :

BNA\_G

ClientSampleId :

SSTD02005

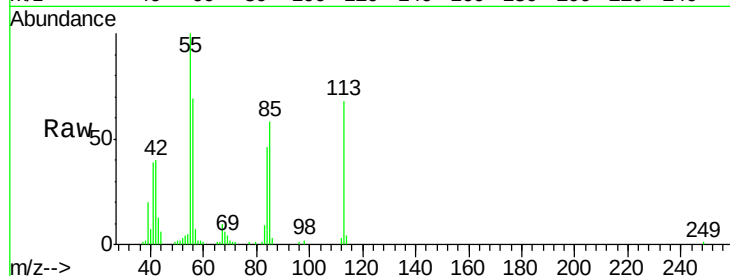
Tot Ion:113 Resp: 31668

Ion Ratio Lower Upper

113 100

55 146.0 124.2 186.4

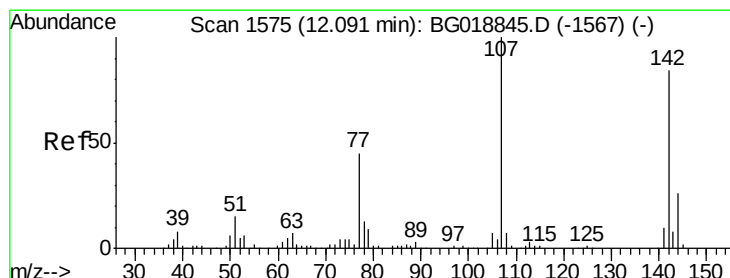
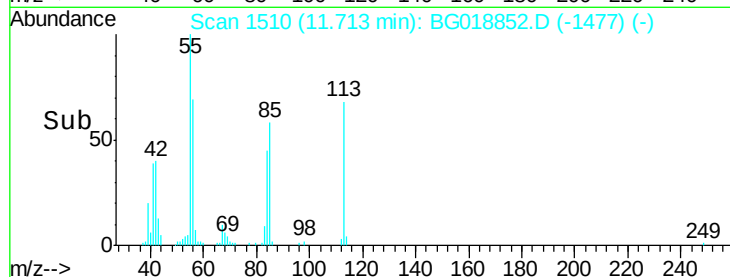
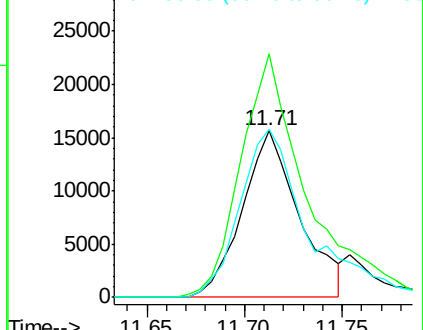
56 101.1 98.2 147.4



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: 18.60 ng/ul

RT: 12.08 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BG018852.D

Acq: 23 Sep 2015 15:48

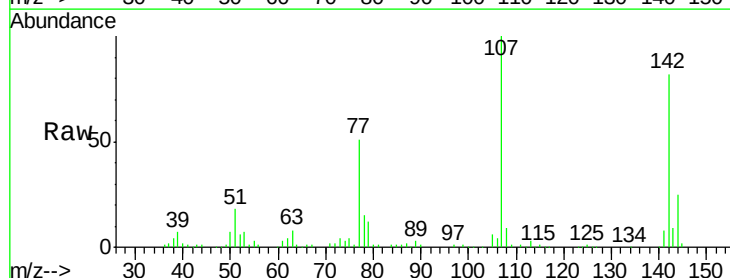
Tgt Ion:107 Resp: 107968

Ion Ratio Lower Upper

107 100

144 25.0 21.4 32.2

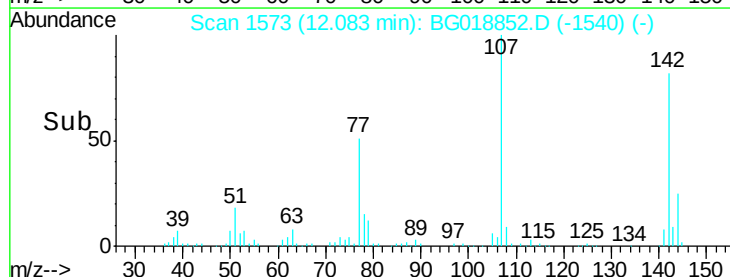
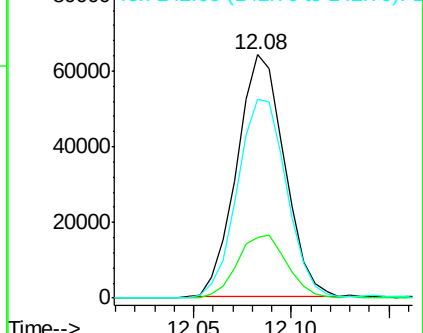
142 81.8 66.0 99.0

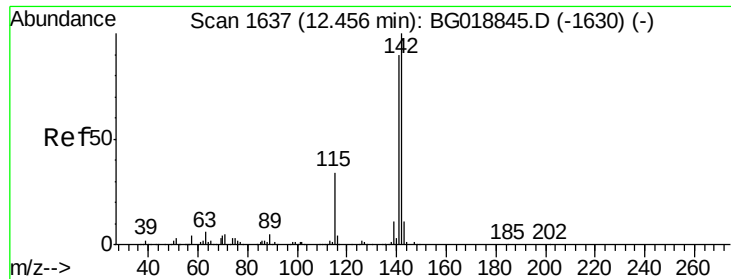


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

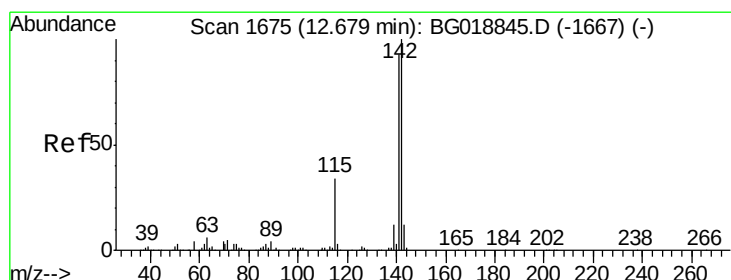
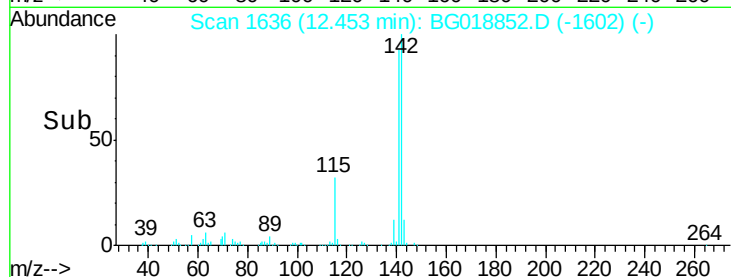
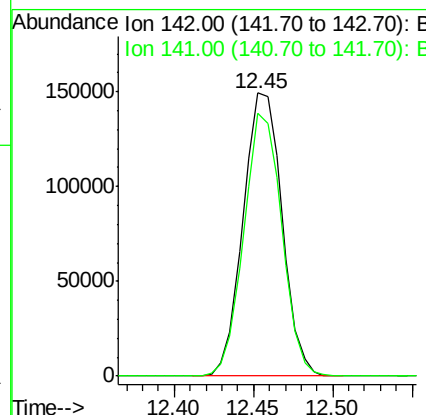
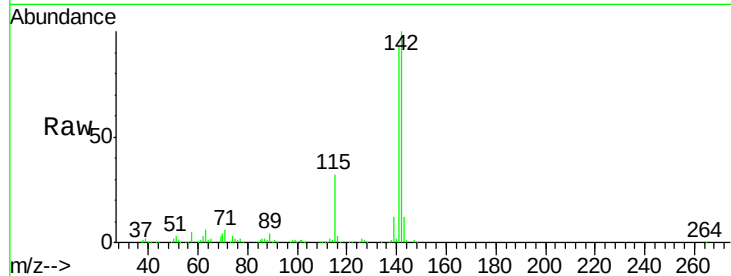




#34  
2-Methylnaphthalene  
Concen: 19.99 ng/ul  
RT: 12.45 min Scan# 1636  
Delta R.T. -0.00 min  
Lab File: BG018852.D  
Acq: 23 Sep 2015 15:48

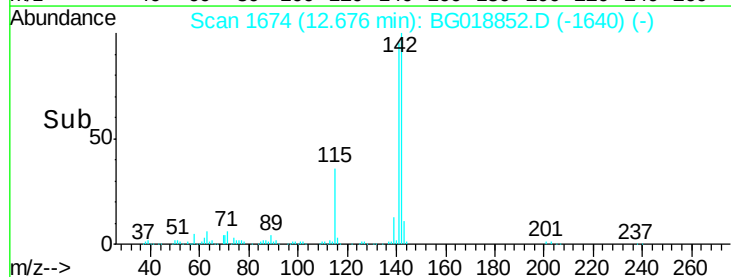
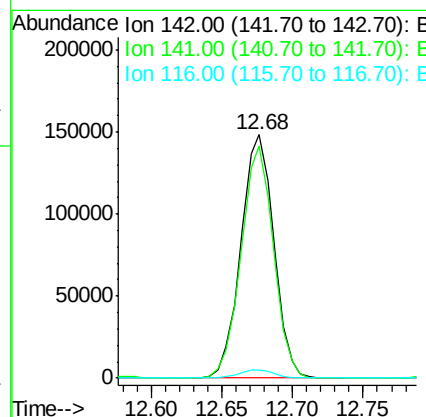
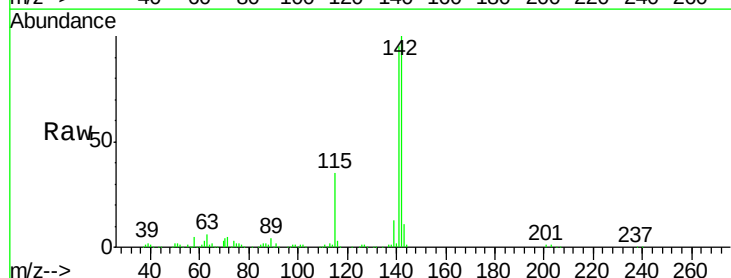
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02005

Tot Ion:142 Resp: 254987  
Ion Ratio Lower Upper  
142 100  
141 93.1 78.0 117.0

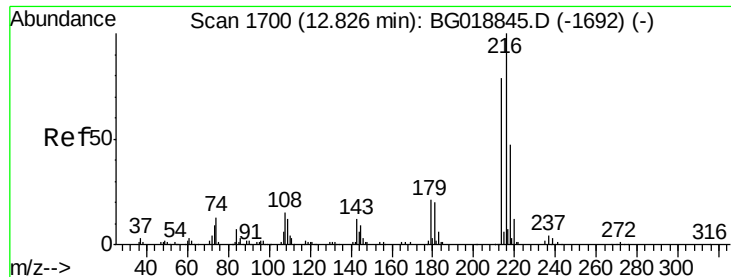


#35  
1-Methylnaphthalene  
Concen: 19.79 ng/ul  
RT: 12.68 min Scan# 1674  
Delta R.T. -0.00 min  
Lab File: BG018852.D  
Acq: 23 Sep 2015 15:48

Tgt Ion:142 Resp: 241881  
Ion Ratio Lower Upper  
142 100  
141 95.5 77.1 115.7  
116 3.2 3.5 5.3#



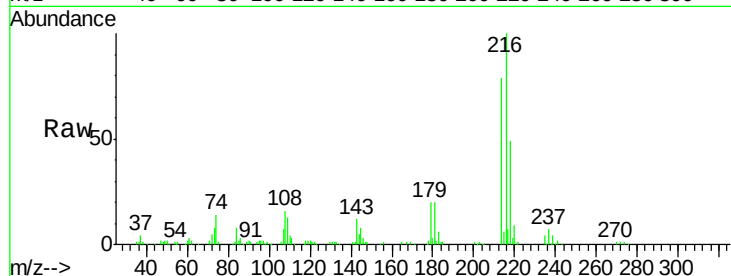




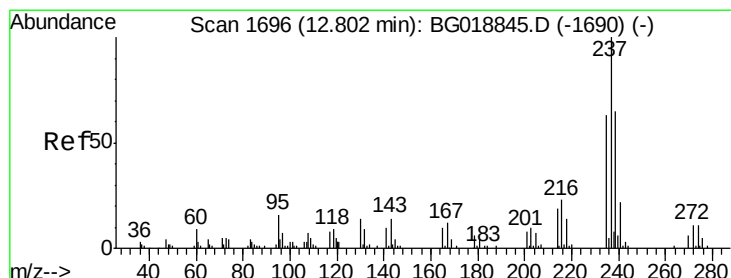
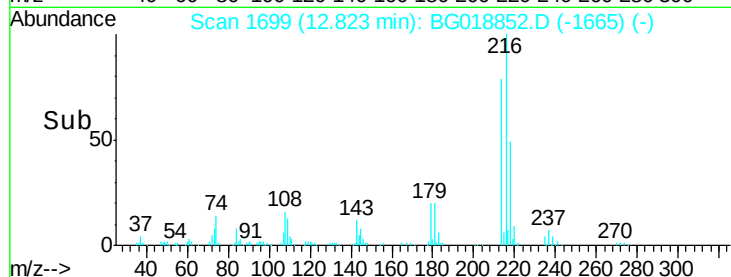
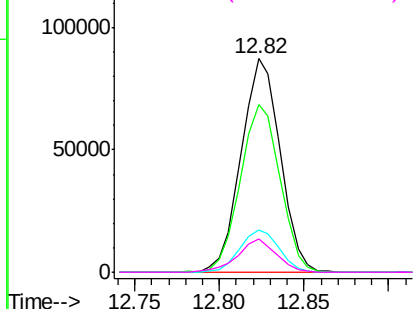
#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 21.16 ng/ul  
 RT: 12.82 min Scan# 1699  
 Delta R.T. -0.00 min  
 Lab File: BG018852.D  
 Acq: 23 Sep 2015 15:48

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02005

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:216 | Resp: | 140237    |
| Ion Ratio   | Lower | Upper     |
| 216         | 100   |           |
| 214         | 78.8  | 62.5 93.7 |
| 179         | 19.7  | 18.2 27.2 |
| 108         | 15.7  | 14.6 22.0 |

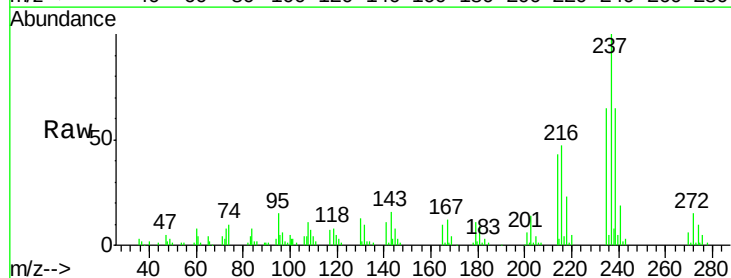


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

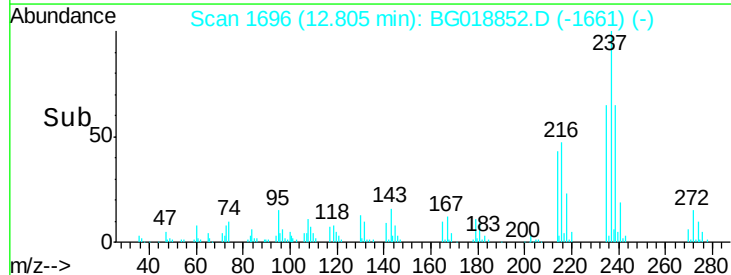
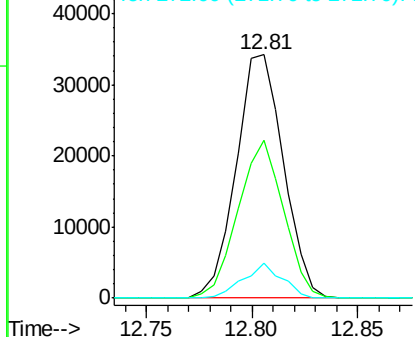


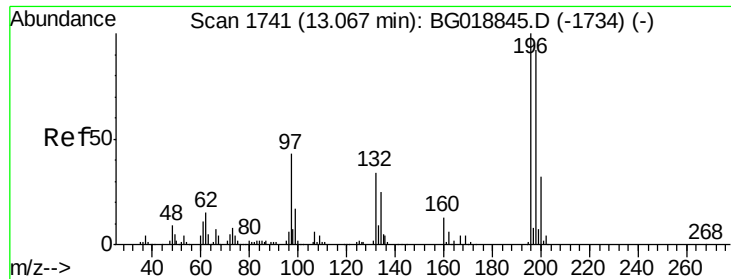
#38  
 Hexachlorocyclopentadiene  
 Concen: 14.44 ng/ul  
 RT: 12.81 min Scan# 1696  
 Delta R.T. 0.00 min  
 Lab File: BG018852.D  
 Acq: 23 Sep 2015 15:48

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:237 | Resp: | 53234     |
| Ion Ratio   | Lower | Upper     |
| 237         | 100   |           |
| 235         | 64.7  | 45.6 68.4 |
| 272         | 14.6  | 9.0 13.4# |



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

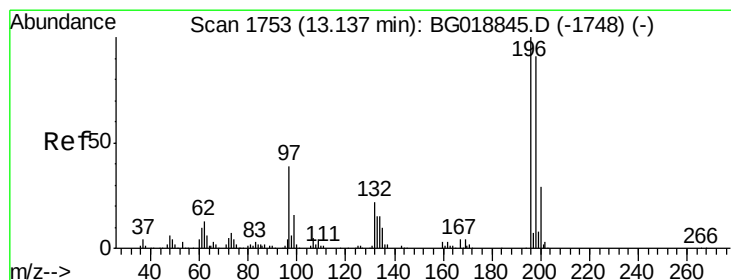
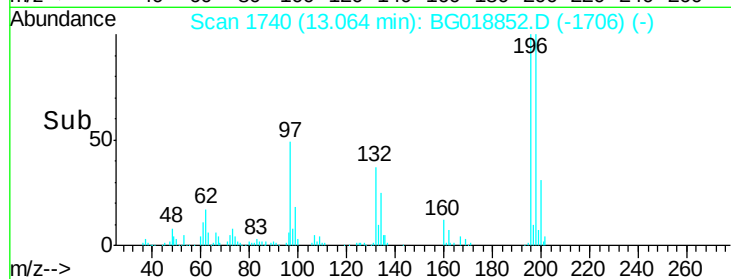
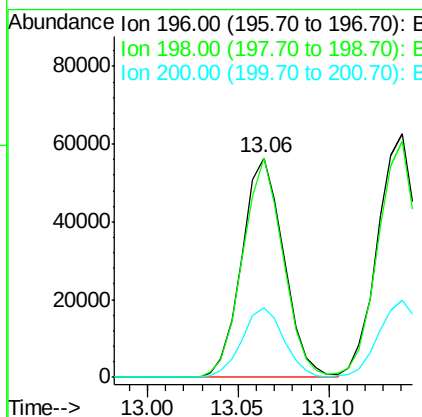
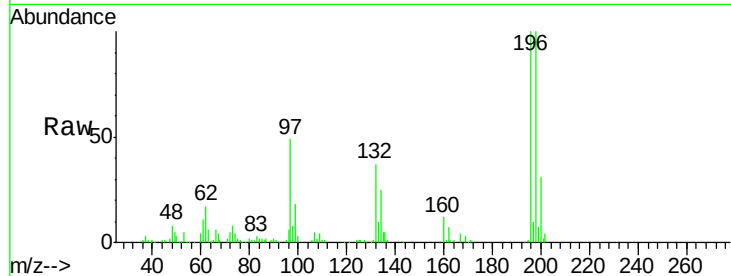




#39  
 2,4,6-Trichlorophenol  
 Concen: 21.08 ng/ul  
 RT: 13.06 min Scan# 1740  
 Delta R.T. -0.00 min  
 Lab File: BG018852.D  
 Acq: 23 Sep 2015 15:48

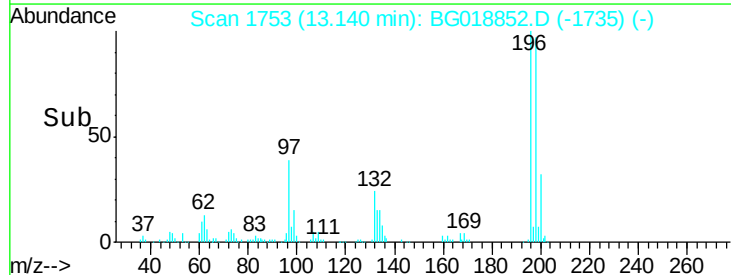
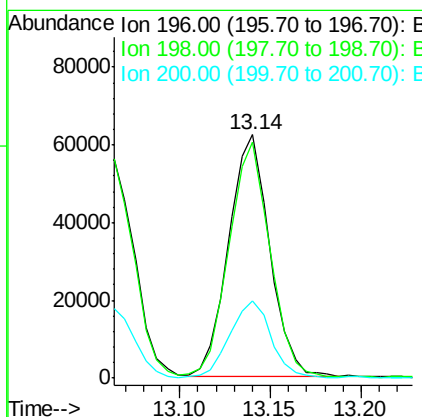
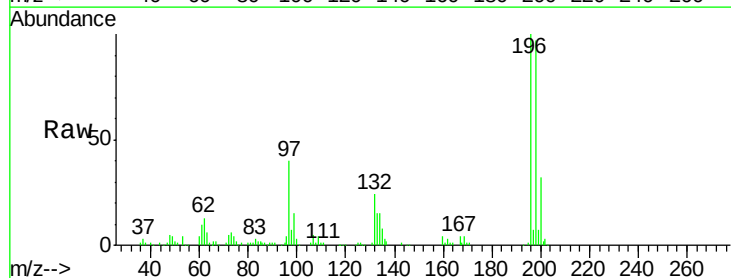
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02005

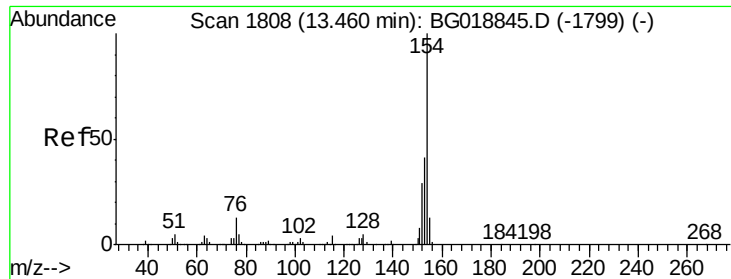
| Tot Ion   | 196   | Resp  | 90725 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 100.1 | 78.5  | 117.7 |
| 200       | 31.5  | 25.1  | 37.7  |



#40  
 2,4,5-Trichlorophenol  
 Concen: 20.99 ng/ul  
 RT: 13.14 min Scan# 1753  
 Delta R.T. 0.00 min  
 Lab File: BG018852.D  
 Acq: 23 Sep 2015 15:48

| Tgt Ion   | 196   | Resp  | 97304 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 96.9  | 74.2  | 111.4 |
| 200       | 31.7  | 25.2  | 37.8  |

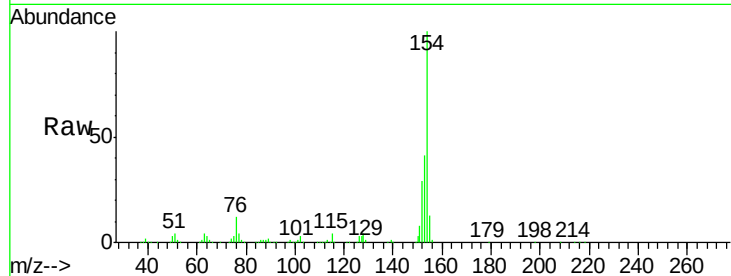




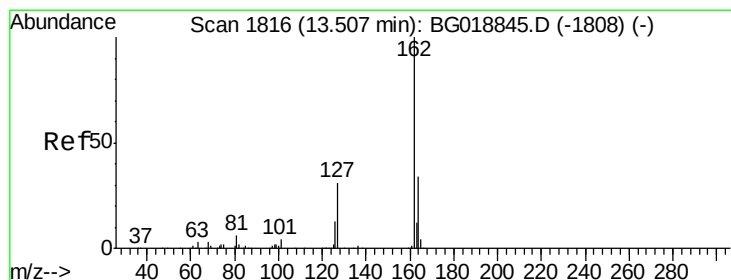
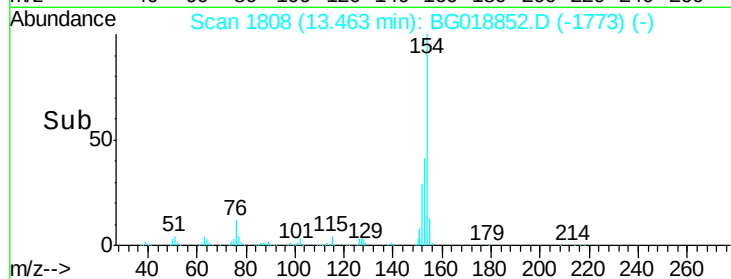
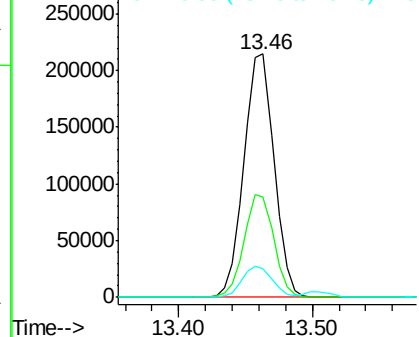
#41  
 1,1'-Biphenyl  
 Concen: 20.72 ng/ul  
 RT: 13.46 min Scan# 1808  
 Delta R.T. 0.00 min  
 Lab File: BG018852.D  
 Acq: 23 Sep 2015 15:48

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02005

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 154   | Resp: | 335207 |
| Ion      | Ratio | Lower | Upper  |
| 154      | 100   |       |        |
| 153      | 41.0  | 35.2  | 52.8   |
| 76       | 11.8  | 10.6  | 16.0   |

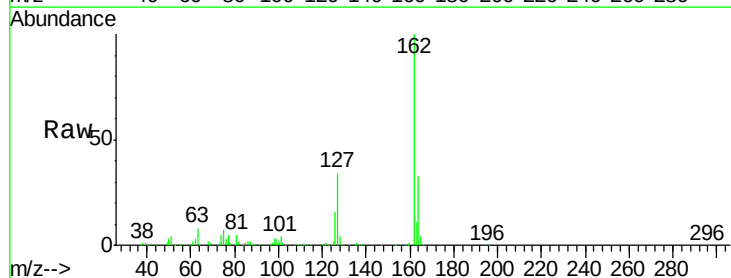


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BGC

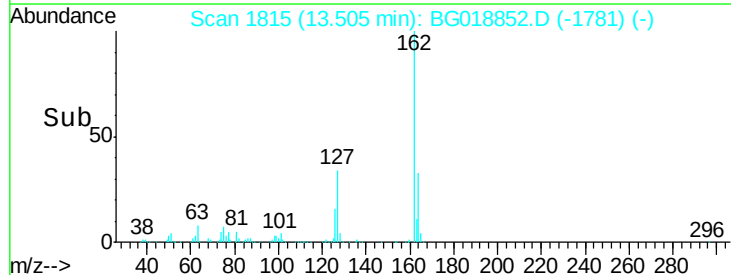
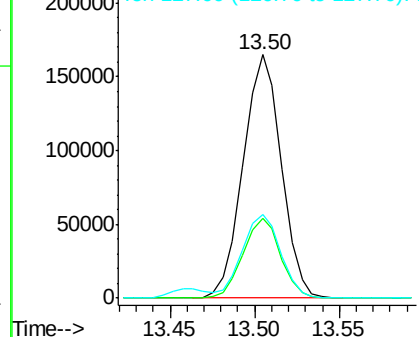


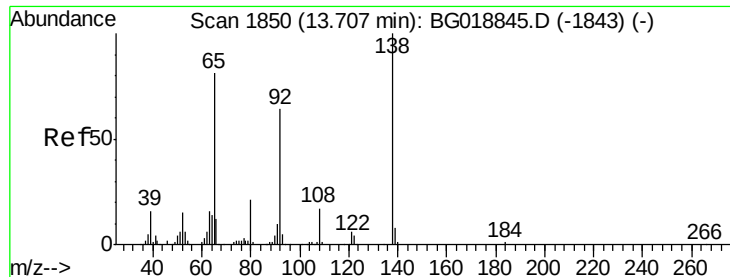
#42  
 2-Chloronaphthalene  
 Concen: 21.04 ng/ul  
 RT: 13.50 min Scan# 1815  
 Delta R.T. -0.00 min  
 Lab File: BG018852.D  
 Acq: 23 Sep 2015 15:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 162   | Resp: | 259475 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 164      | 32.8  | 24.8  | 37.2   |
| 127      | 34.4  | 30.3  | 45.5   |



Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 127.00 (126.70 to 127.70): E

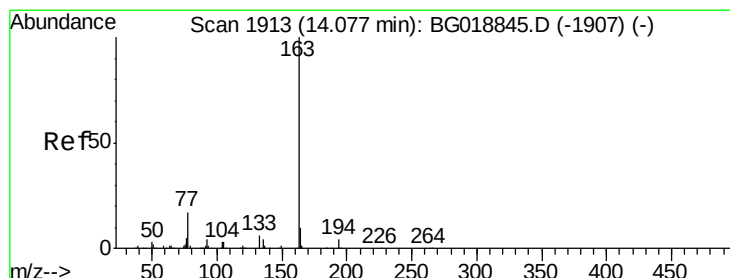
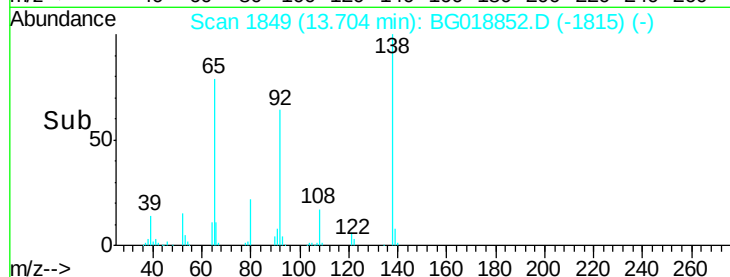
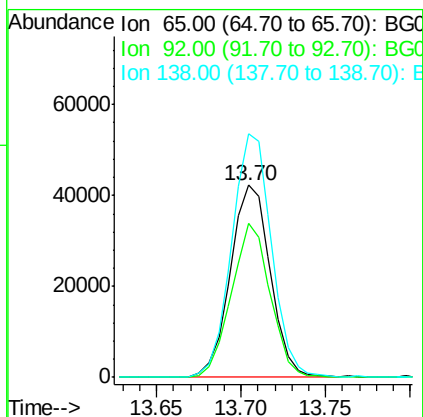
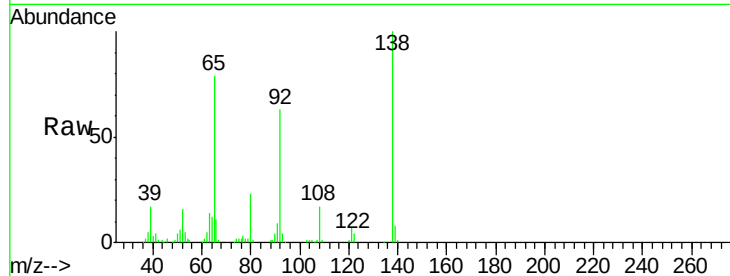




#43  
2-Nitroaniline  
Concen: 19.02 ng/ul  
RT: 13.70 min Scan# 1849  
Delta R.T. -0.00 min  
Lab File: BG018852.D  
Acq: 23 Sep 2015 15:48

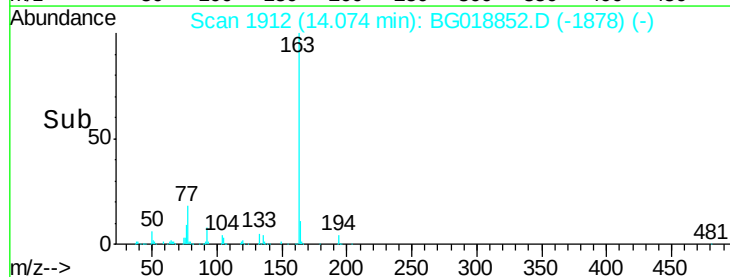
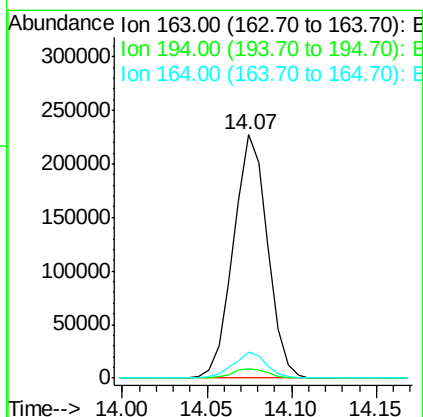
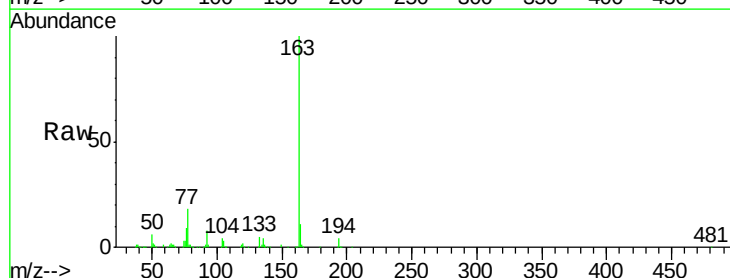
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02005

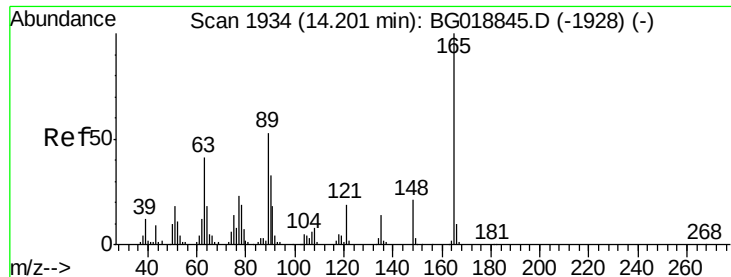
Tot Ion: 65 Resp: 69538  
Ion Ratio Lower Upper  
65 100  
92 80.5 51.1 76.7#  
138 126.9 75.1 112.7#



#45  
Dimethylphthalate  
Concen: 19.11 ng/ul  
RT: 14.07 min Scan# 1912  
Delta R.T. -0.00 min  
Lab File: BG018852.D  
Acq: 23 Sep 2015 15:48

Tgt Ion:163 Resp: 318707  
Ion Ratio Lower Upper  
163 100  
194 3.7 2.9 4.3  
164 10.6 7.7 11.5

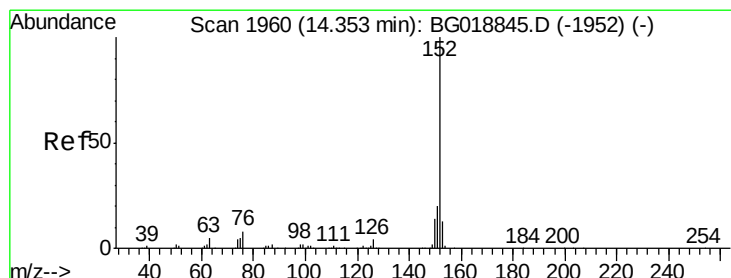
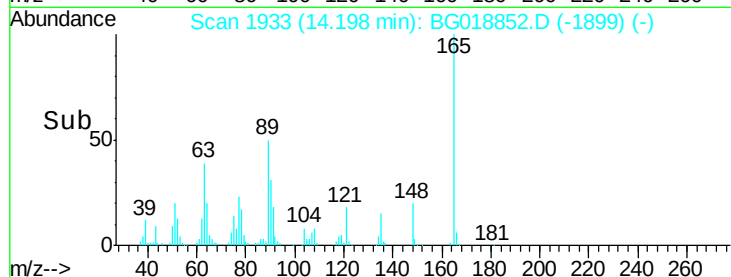
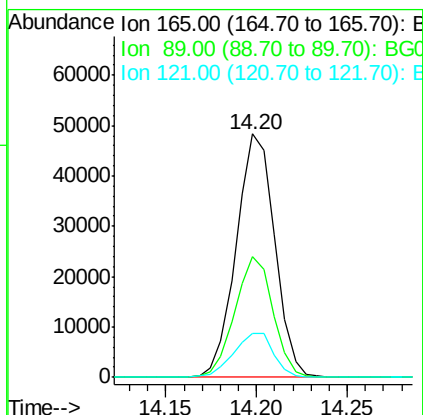
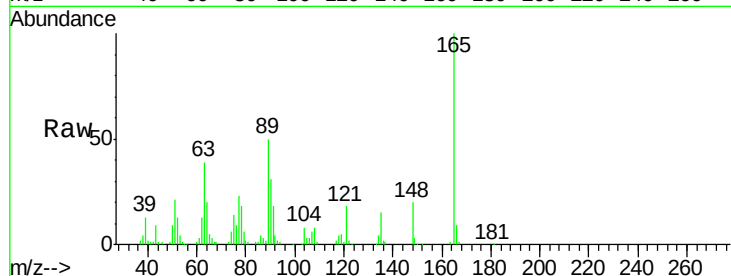




#46  
 2,6-Dinitrotoluene  
 Concen: 21.29 ng/ul  
 RT: 14.20 min Scan# 1933  
 Delta R.T. -0.00 min  
 Lab File: BG018852.D  
 Acq: 23 Sep 2015 15:48

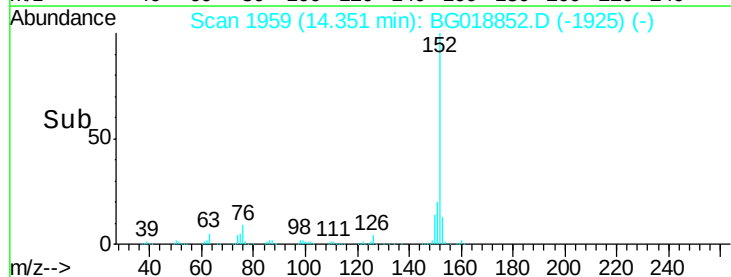
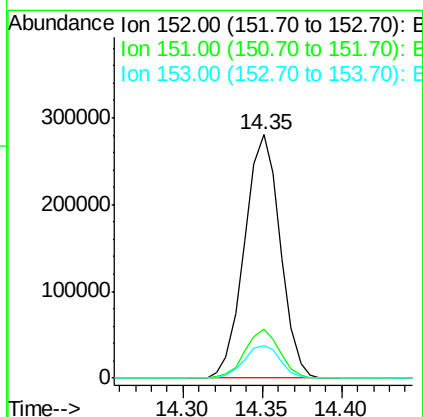
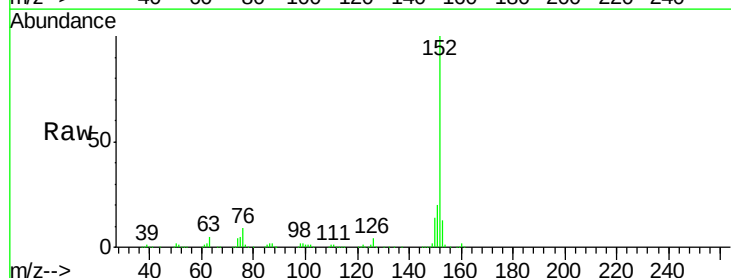
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02005

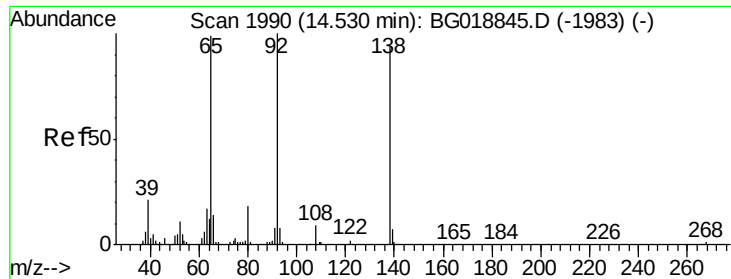
Tot Ion:165 Resp: 71414  
 Ion Ratio Lower Upper  
 165 100  
 89 49.8 50.2 75.2#  
 121 18.2 19.4 29.2#



#48  
 Acenaphthylene  
 Concen: 20.23 ng/ul  
 RT: 14.35 min Scan# 1959  
 Delta R.T. -0.00 min  
 Lab File: BG018852.D  
 Acq: 23 Sep 2015 15:48

Tgt Ion:152 Resp: 438978  
 Ion Ratio Lower Upper  
 152 100  
 151 19.9 15.4 23.2  
 153 13.4 10.8 16.2





#49

3-Nitroaniline

Concen: 21.55 ng/ul

RT: 14.53 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BG018852.D

Acq: 23 Sep 2015 15:48

Instrument :

BNA\_G

ClientSampleId :

SSTD02005

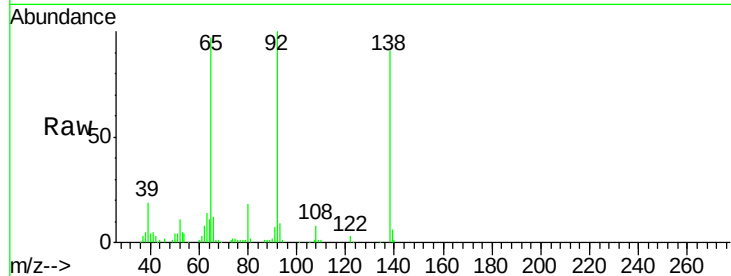
Tot Ion:138 Resp: 76743

Ion Ratio Lower Upper

138 100

108 8.5 9.4 14.0#

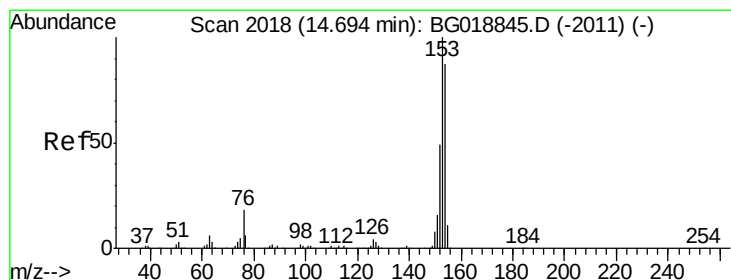
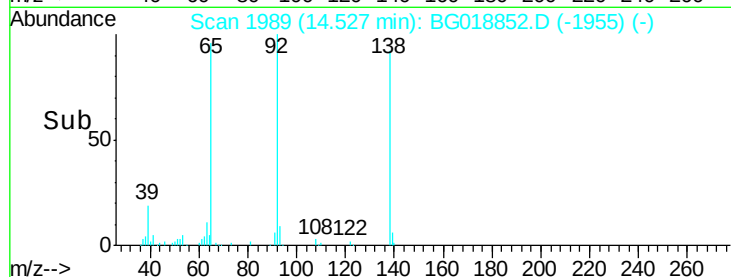
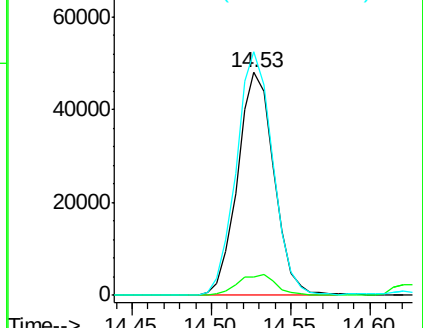
92 109.3 102.8 154.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): B



#50

Acenaphthene

Concen: 20.19 ng/ul

RT: 14.69 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BG018852.D

Acq: 23 Sep 2015 15:48

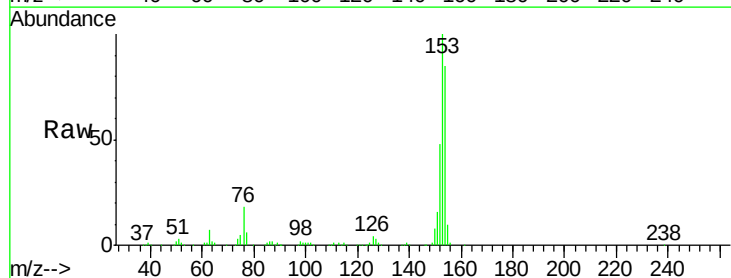
Tgt Ion:153 Resp: 294997

Ion Ratio Lower Upper

153 100

152 48.1 38.2 57.4

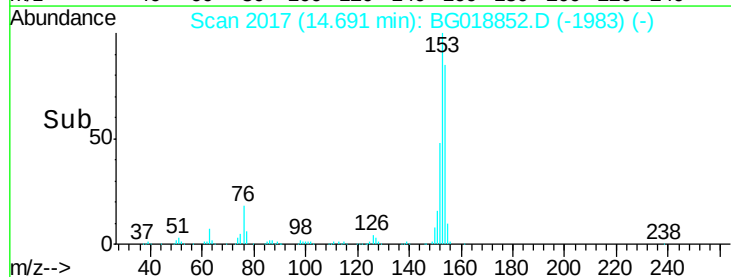
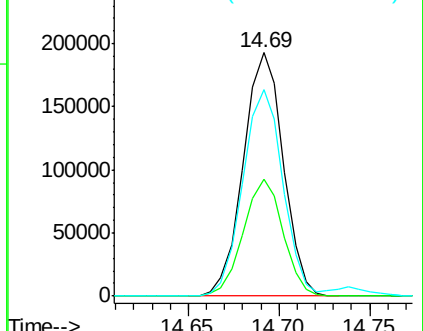
154 85.1 68.6 103.0

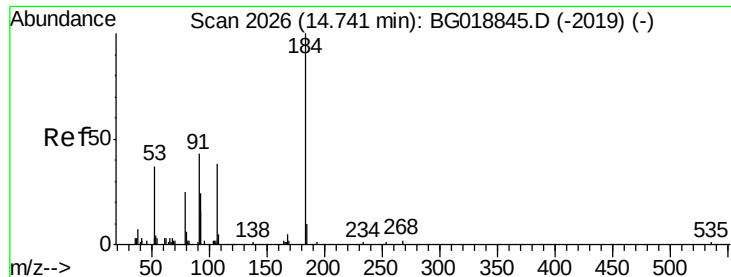


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

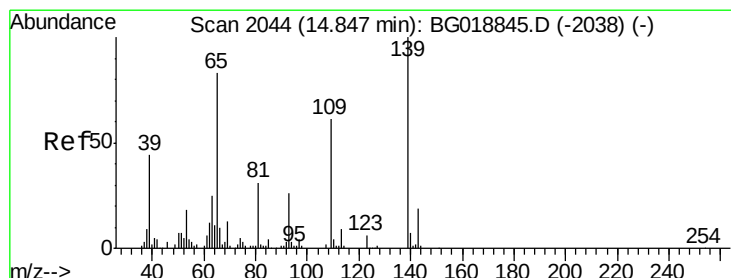
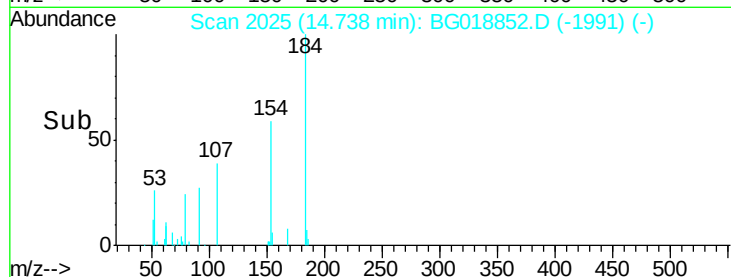
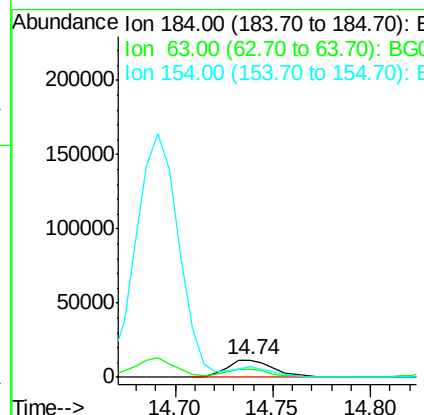
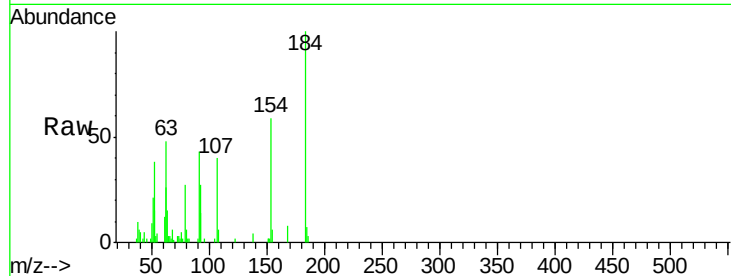




#51  
 2,4-Dinitrophenol  
 Concen: 13.20 ng/ul  
 RT: 14.74 min Scan# 2025  
 Delta R.T. -0.00 min  
 Lab File: BG018852.D  
 Acq: 23 Sep 2015 15:48

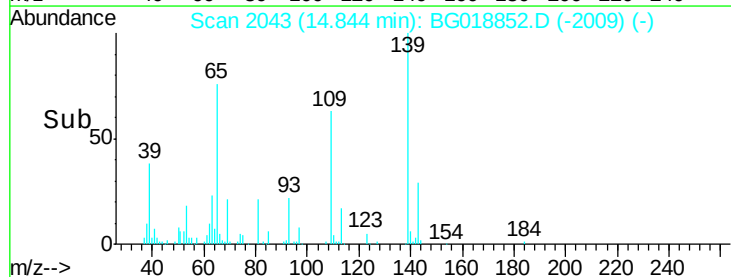
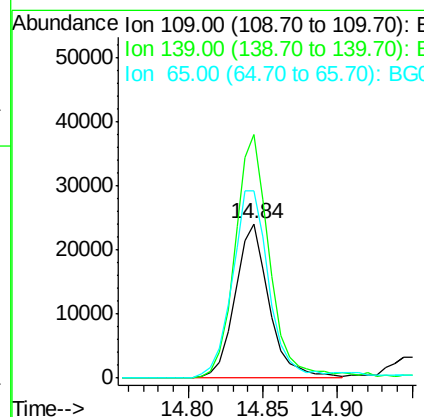
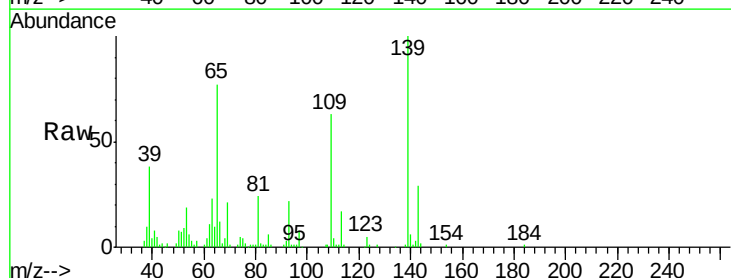
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST02005

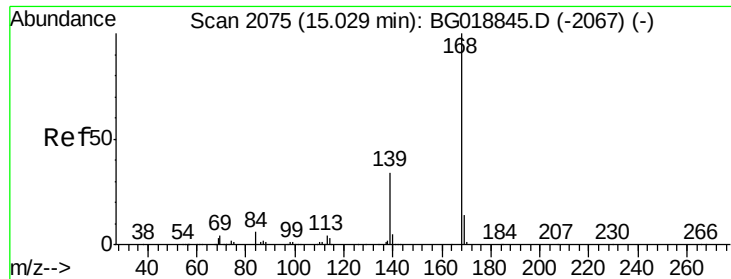
Tot Ion:184 Resp: 19912  
 Ion Ratio Lower Upper  
 184 100  
 63 48.2 55.3 82.9#  
 154 58.8 58.2 87.2



#53  
 4-Nitrophenol  
 Concen: 16.99 ng/ul  
 RT: 14.84 min Scan# 2043  
 Delta R.T. -0.00 min  
 Lab File: BG018852.D  
 Acq: 23 Sep 2015 15:48

Tgt Ion:109 Resp: 38464  
 Ion Ratio Lower Upper  
 109 100  
 139 157.8 111.3 166.9  
 65 121.7 105.3 157.9





#54

Dibenzenofuran

Concen: 20.03 ng/ul

RT: 15.03 min Scan# 2074

Delta R.T. -0.00 min

Lab File: BG018852.D

Acq: 23 Sep 2015 15:48

Instrument :

BNA\_G

ClientSampleId :

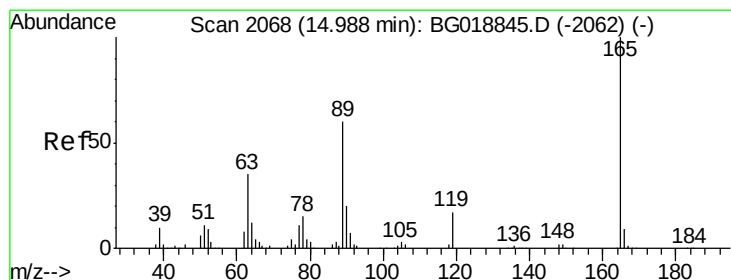
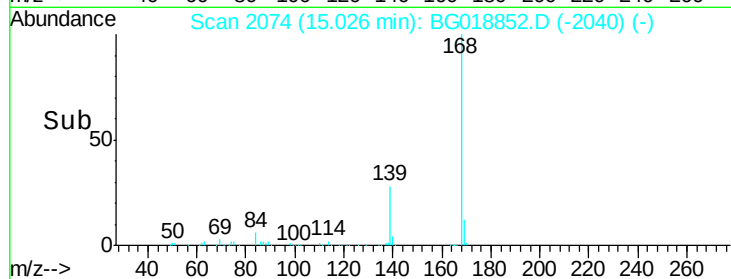
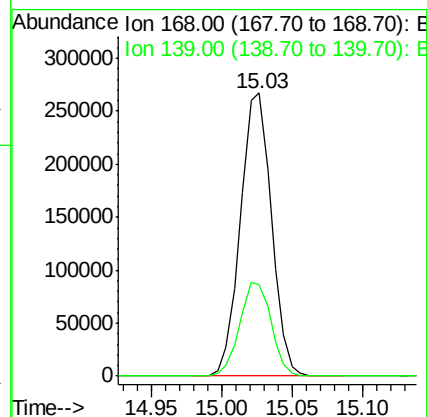
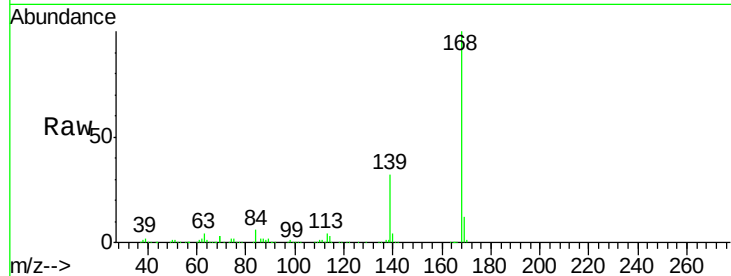
SSTD02005

Tot Ion:168 Resp: 410696

Ion Ratio Lower Upper

168 100

139 32.4 29.7 44.5



#55

2,4-Dinitrotoluene

Concen: 20.08 ng/ul

RT: 14.99 min Scan# 2067

Delta R.T. -0.00 min

Lab File: BG018852.D

Acq: 23 Sep 2015 15:48

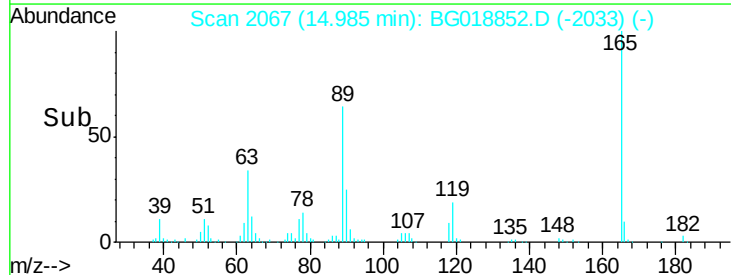
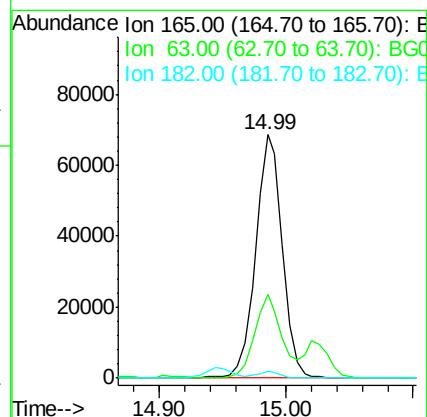
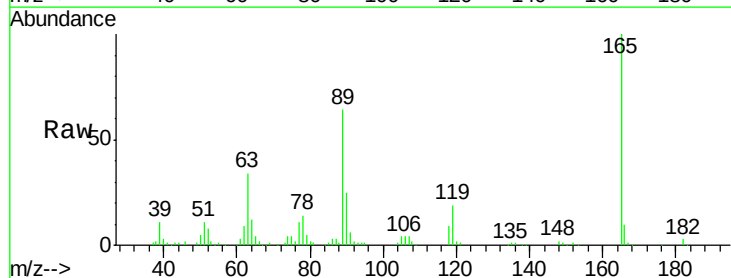
Tgt Ion:165 Resp: 100269

Ion Ratio Lower Upper

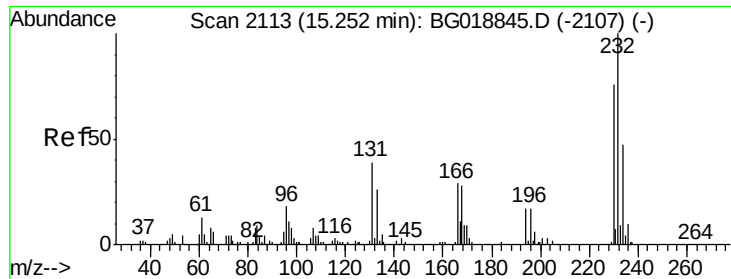
165 100

63 34.4 36.7 55.1#

182 2.6 2.2 3.2







#56

2,3,4,6-Tetrachlorophenol

Concen: 18.86 ng/ul

RT: 15.25 min Scan# 2112

Delta R.T. -0.00 min

Lab File: BG018852.D

Acq: 23 Sep 2015 15:48

Instrument :

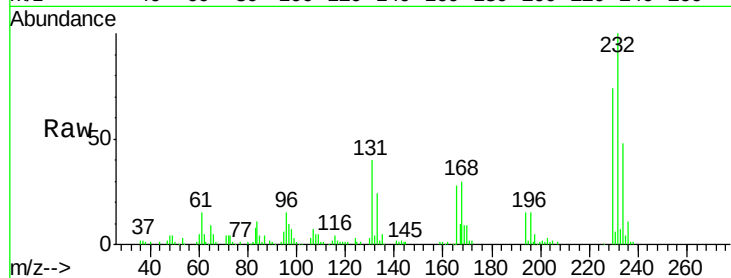
BNA\_G

ClientSampleId :

SSTD02005

Tot Ion:232 Resp: 84439

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 232 | 100   |       |       |
| 131 | 39.6  | 37.4  | 56.0  |
| 130 | 2.7   | 1.4   | 2.0   |
| 166 | 28.1  | 25.8  | 38.8  |

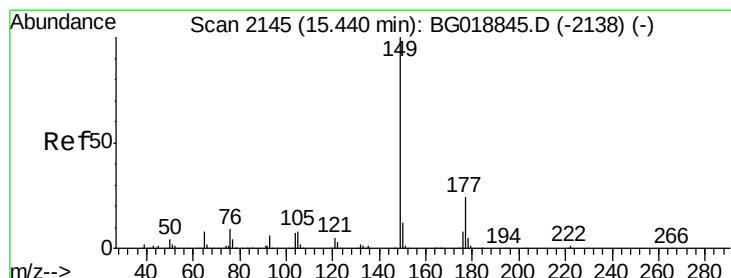
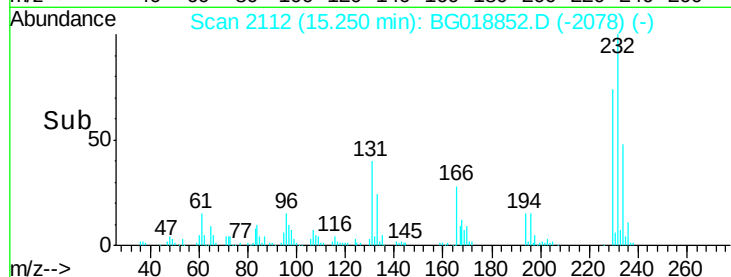


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#57

Diethylphthalate

Concen: 18.65 ng/ul

RT: 15.44 min Scan# 2144

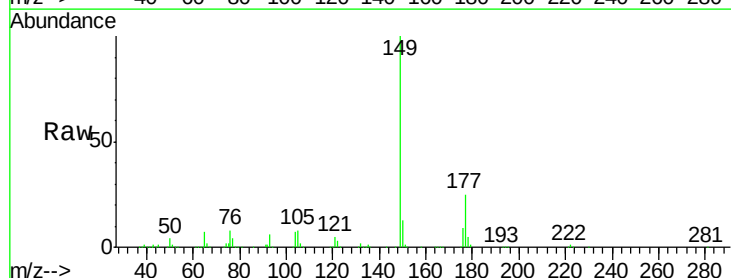
Delta R.T. -0.00 min

Lab File: BG018852.D

Acq: 23 Sep 2015 15:48

Tgt Ion:149 Resp: 323263

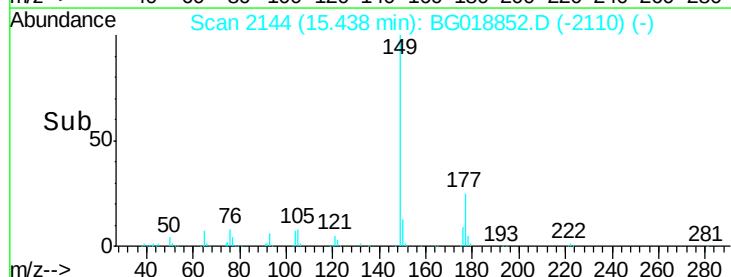
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 24.6  | 18.2  | 27.4  |
| 150 | 12.5  | 9.7   | 14.5  |

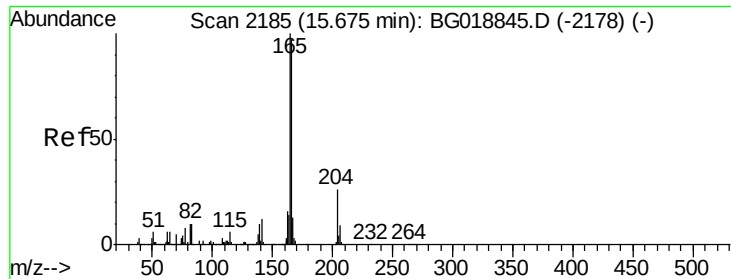


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 19.49 ng/ul

RT: 15.67 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BG018852.D

Acq: 23 Sep 2015 15:48

Instrument :

BNA\_G

ClientSampleId :

SSTD02005

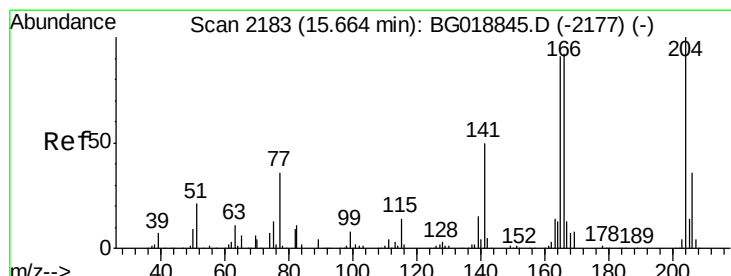
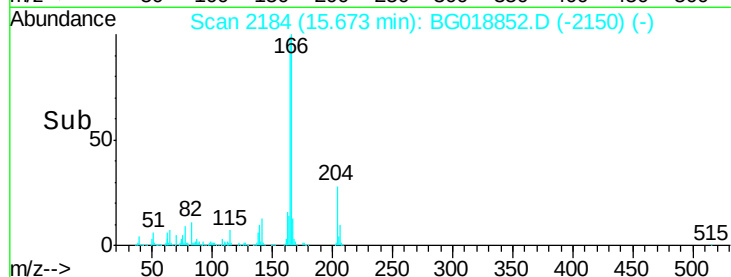
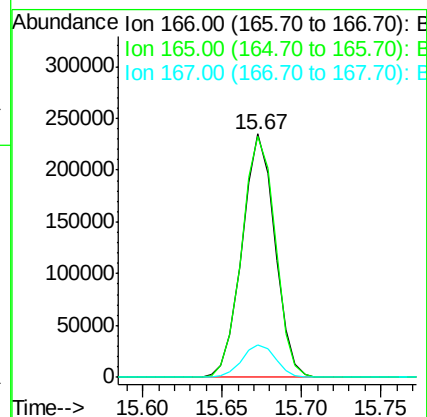
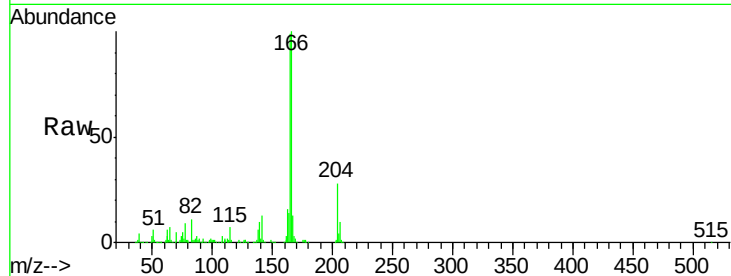
Tot Ion:166 Resp: 337570

Ion Ratio Lower Upper

166 100

165 98.8 82.6 124.0

167 13.5 11.4 17.0



#60

4-Chlorophenyl-phenylether

Concen: 20.04 ng/ul

RT: 15.66 min Scan# 2182

Delta R.T. -0.00 min

Lab File: BG018852.D

Acq: 23 Sep 2015 15:48

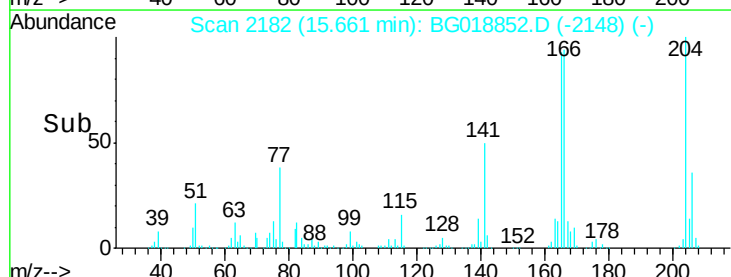
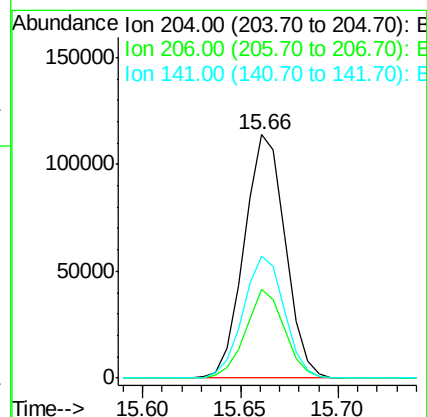
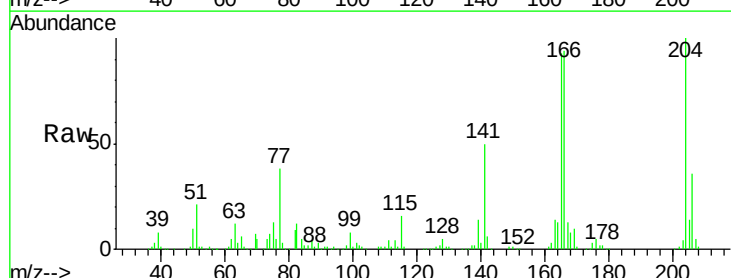
Tgt Ion:204 Resp: 165434

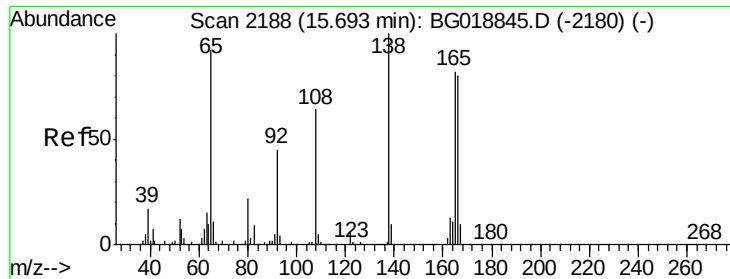
Ion Ratio Lower Upper

204 100

206 36.4 27.1 40.7

141 50.0 47.1 70.7

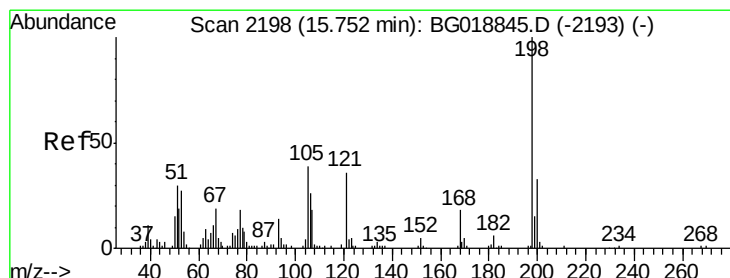
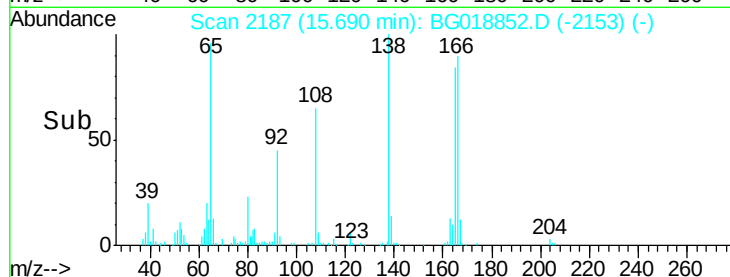
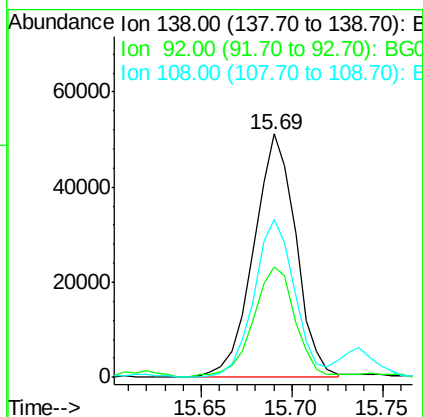
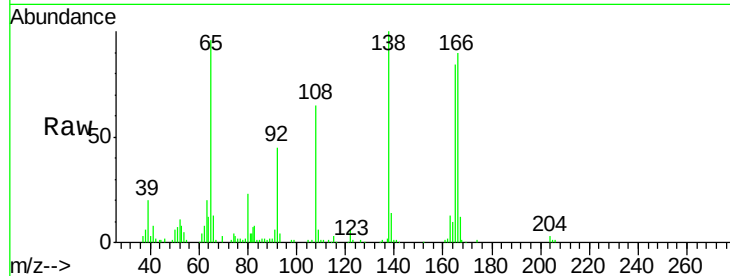




#61  
4-Nitroaniline  
Concen: 20.18 ng/ul  
RT: 15.69 min Scan# 2187  
Delta R.T. -0.00 min  
Lab File: BG018852.D  
Acq: 23 Sep 2015 15:48

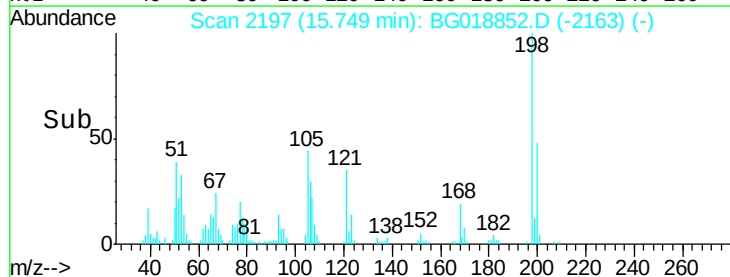
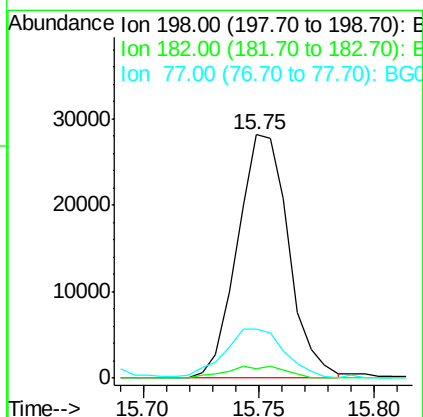
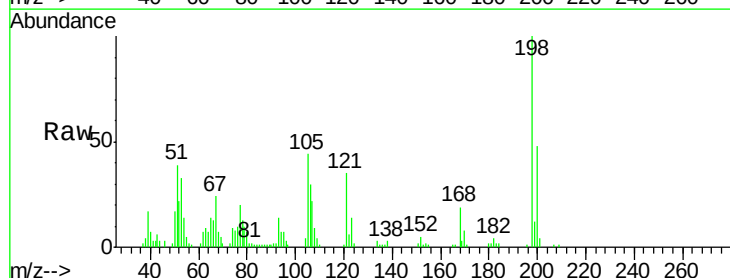
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02005

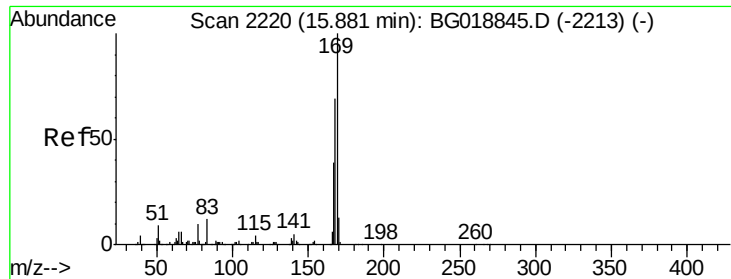
Tot Ion:138 Resp: 82639  
Ion Ratio Lower Upper  
138 100  
92 45.5 44.0 66.0  
108 64.9 64.6 97.0



#64  
4,6-Dinitro-2-methylphenol  
Concen: 17.45 ng/ul  
RT: 15.75 min Scan# 2197  
Delta R.T. -0.00 min  
Lab File: BG018852.D  
Acq: 23 Sep 2015 15:48

Tgt Ion:198 Resp: 43297  
Ion Ratio Lower Upper  
198 100  
182 3.8 3.4 5.0  
77 20.3 22.4 33.6#





#65

N-Nitrosodiphenylamine

Concen: 21.33 ng/ul

RT: 15.88 min Scan# 2219

Delta R.T. -0.00 min

Lab File: BG018852.D

Acq: 23 Sep 2015 15:48

Instrument :

BNA\_G

ClientSampleId :

SSTD02005

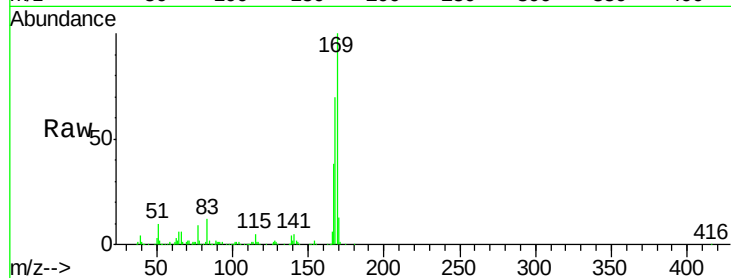
Tot Ion:169 Resp: 285383

Ion Ratio Lower Upper

169 100

168 69.8 60.2 90.2

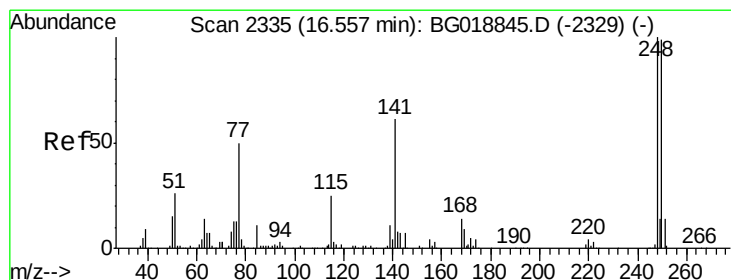
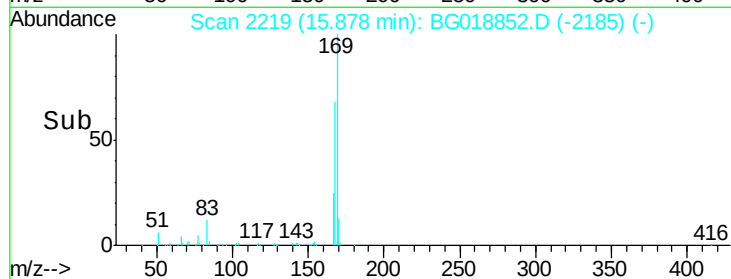
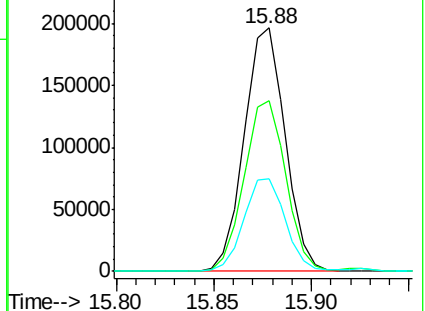
167 38.1 33.4 50.2



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

4-Bromophenyl-phenylether

Concen: 21.68 ng/ul

RT: 16.55 min Scan# 2334

Delta R.T. -0.00 min

Lab File: BG018852.D

Acq: 23 Sep 2015 15:48

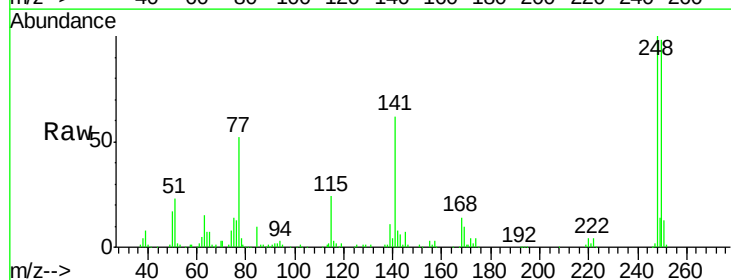
Tgt Ion:248 Resp: 108523

Ion Ratio Lower Upper

248 100

250 97.7 76.4 114.6

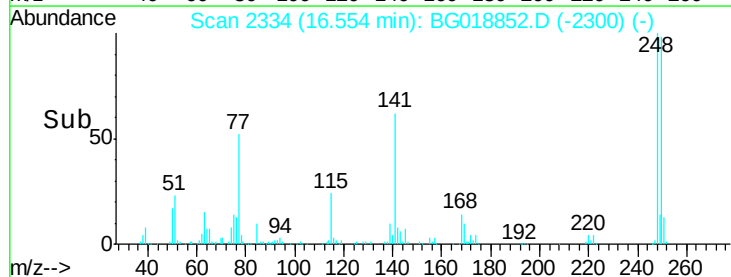
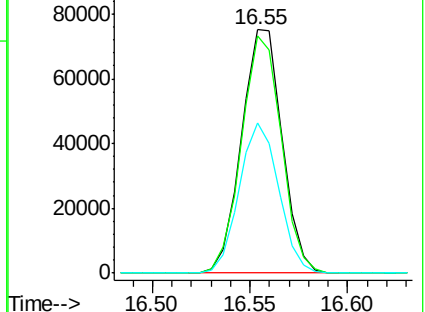
141 61.8 58.6 87.8

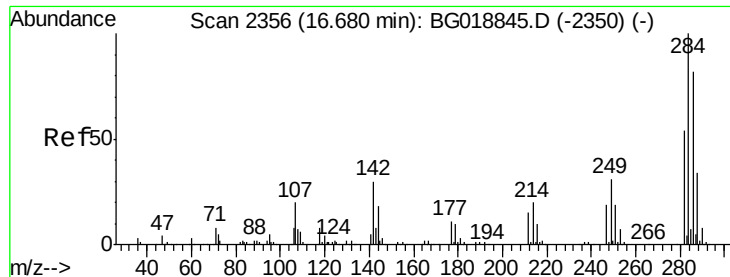


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 21.89 ng/ul

RT: 16.68 min Scan# 2355

Delta R.T. -0.00 min

Lab File: BG018852.D

Acq: 23 Sep 2015 15:48

Instrument :

BNA\_G

ClientSampled :

SSTD02005

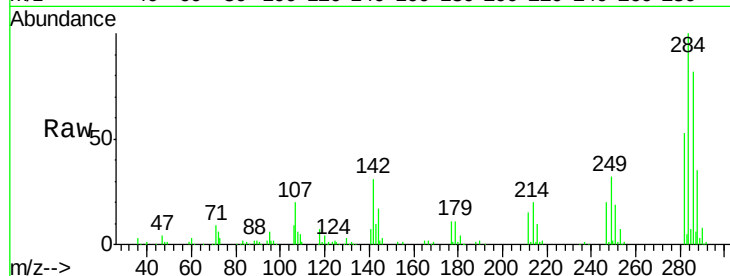
Tot Ion:284 Resp: 121465

Ion Ratio Lower Upper

284 100

142 31.3 28.6 42.8

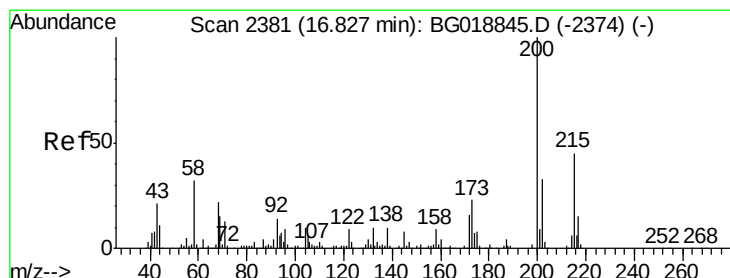
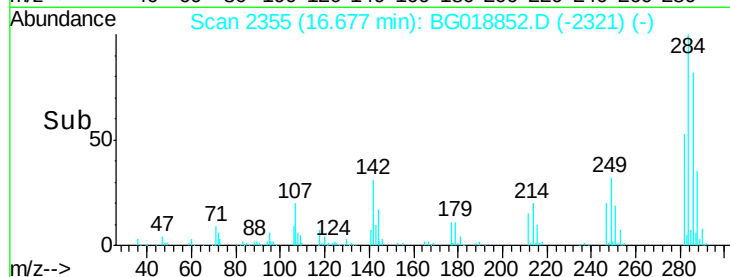
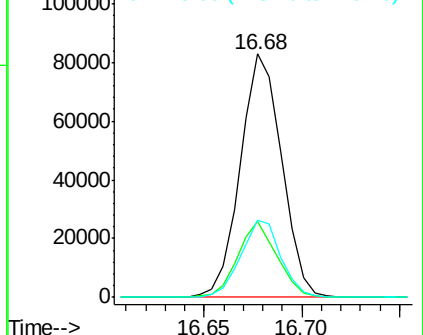
249 31.9 26.2 39.4



Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 20.46 ng/ul

RT: 16.82 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG018852.D

Acq: 23 Sep 2015 15:48

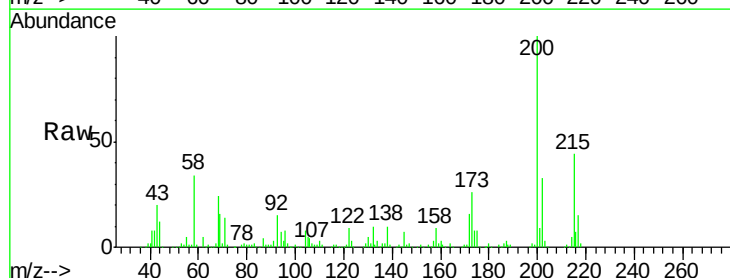
Tgt Ion:200 Resp: 120586

Ion Ratio Lower Upper

200 100

173 25.7 19.0 28.4

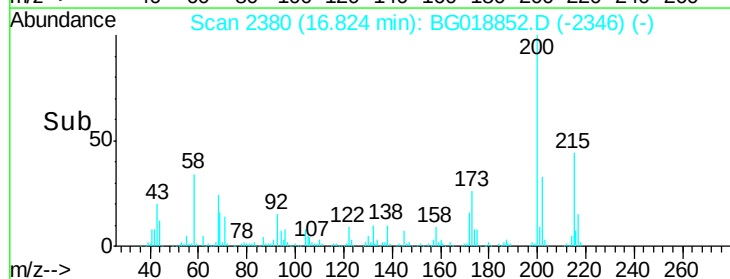
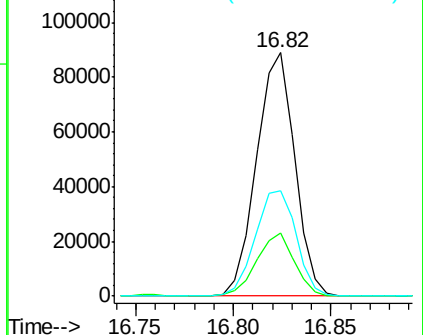
215 43.5 37.4 56.2

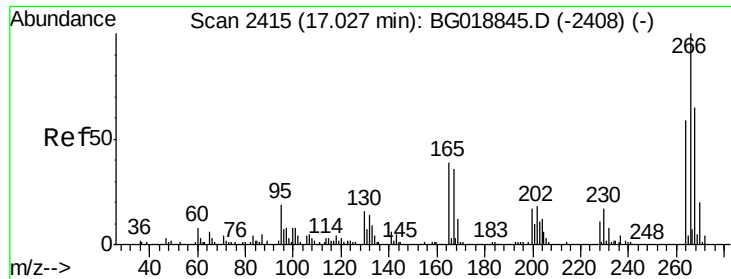


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

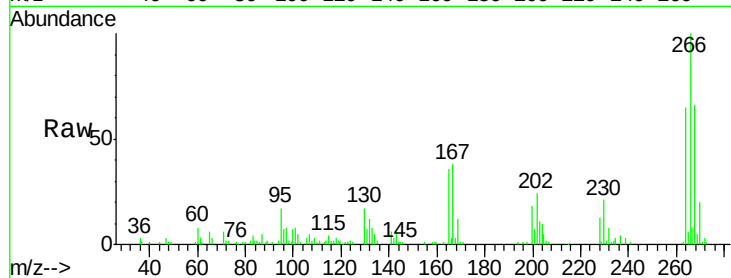




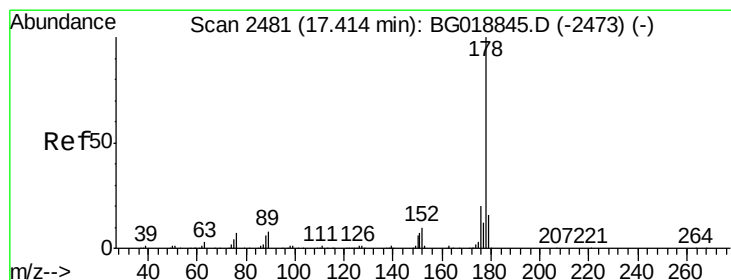
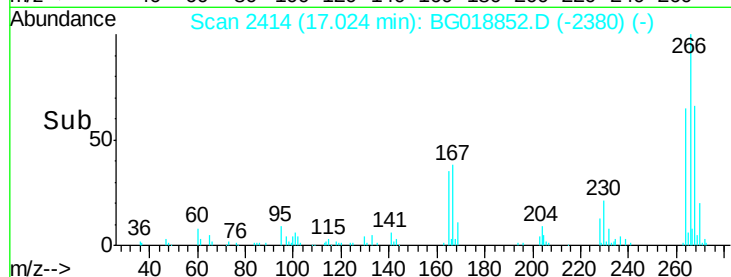
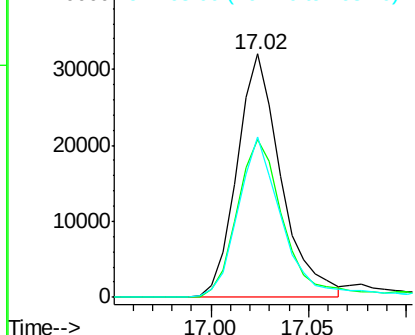
#69  
 Pentachlorophenol  
 Concen: 15.47 ng/ul  
 RT: 17.02 min Scan# 2414  
 Delta R.T. -0.00 min  
 Lab File: BG018852.D  
 Acq: 23 Sep 2015 15:48

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST02005

Tot Ion:266 Resp: 50052  
 Ion Ratio Lower Upper  
 266 100  
 264 65.0 55.4 83.0  
 268 65.8 53.6 80.4

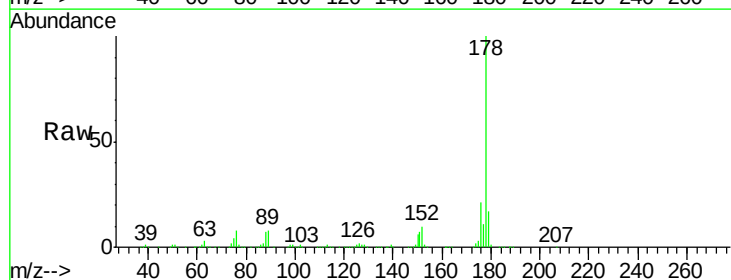


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 264.00 (263.70 to 264.70): E  
 Ion 268.00 (267.70 to 268.70): E

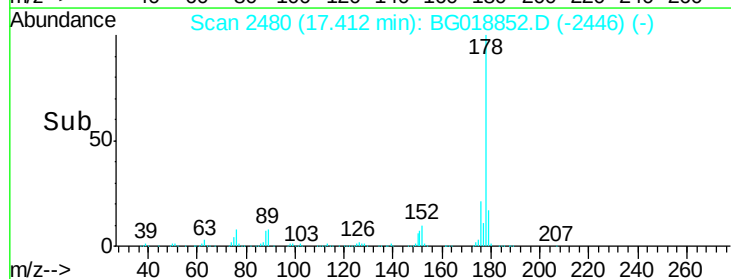
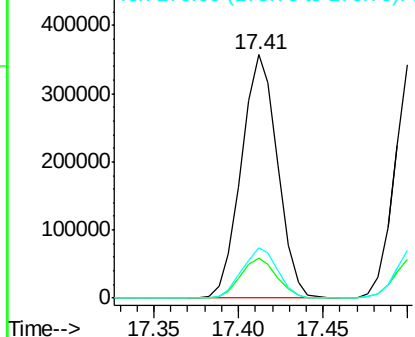


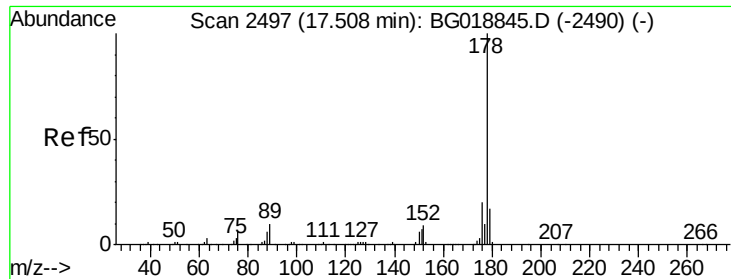
#70  
 Phenanthrene  
 Concen: 20.54 ng/ul  
 RT: 17.41 min Scan# 2480  
 Delta R.T. -0.00 min  
 Lab File: BG018852.D  
 Acq: 23 Sep 2015 15:48

Tgt Ion:178 Resp: 533525  
 Ion Ratio Lower Upper  
 178 100  
 179 16.5 13.7 20.5  
 176 20.8 16.6 24.8



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





#72

Anthracene

Concen: 20.48 ng/ul

RT: 17.51 min Scan# 2496

Delta R.T. -0.00 min

Lab File: BG018852.D

Acq: 23 Sep 2015 15:48

Instrument :

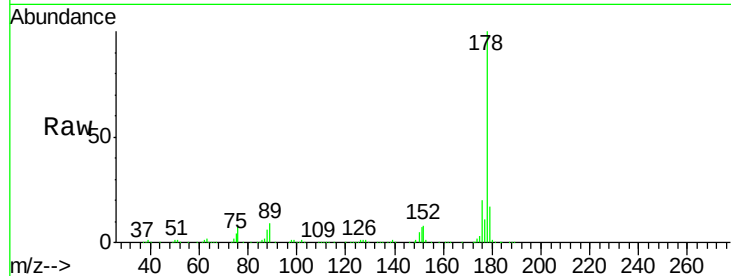
BNA\_G

ClientSampleId :

SSTD02005

Tot Ion:178 Resp: 533360

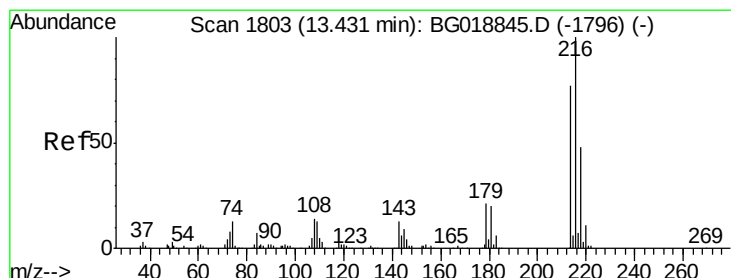
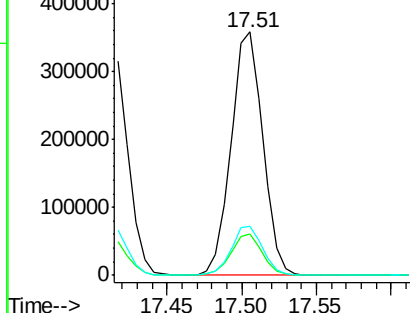
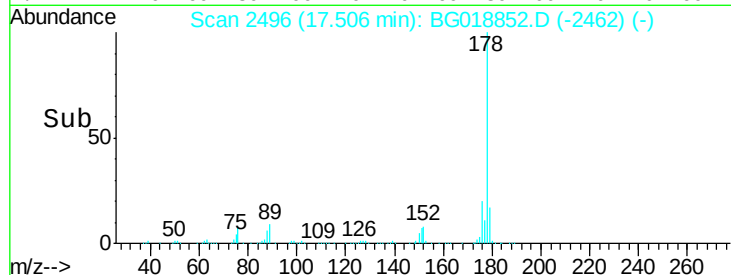
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 16.7  | 13.0  | 19.4  |
| 176 | 20.2  | 16.0  | 24.0  |



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



#73

1,2,3,4-Tetrachlorobenzene

Concen: 23.16 ng/uL

RT: 13.43 min Scan# 1802

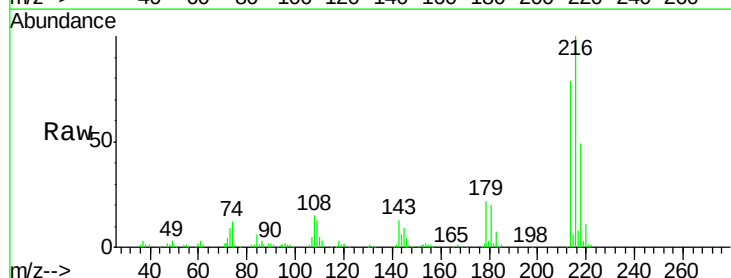
Delta R.T. -0.00 min

Lab File: BG018852.D

Acq: 23 Sep 2015 15:48

Tgt Ion:216 Resp: 140776

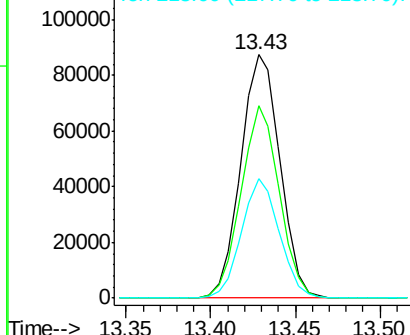
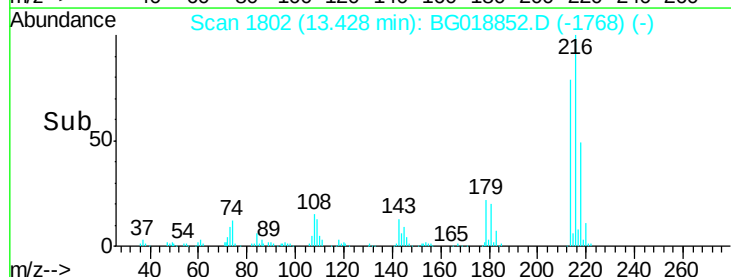
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 79.0  | 64.0  | 96.0  |
| 218 | 49.1  | 38.7  | 58.1  |

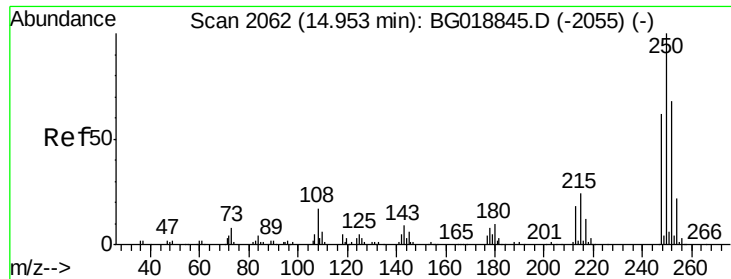


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

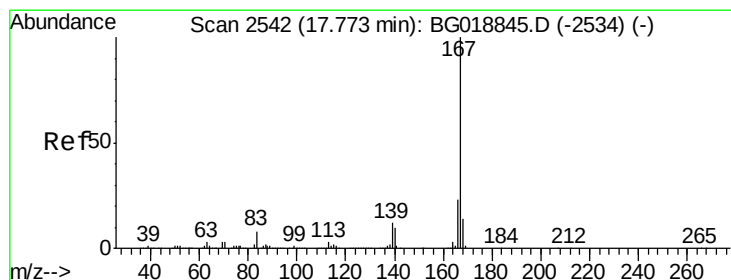
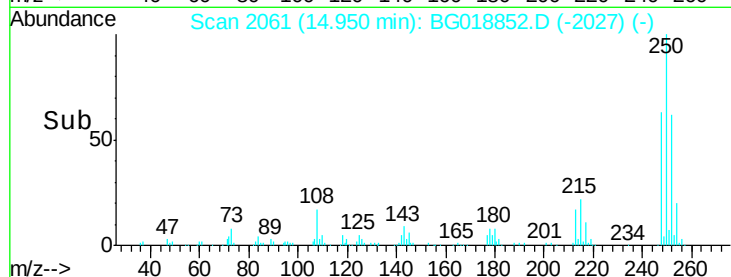
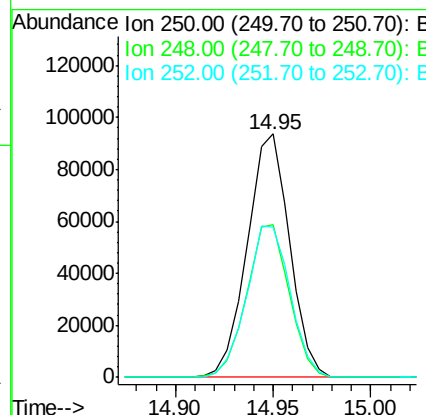
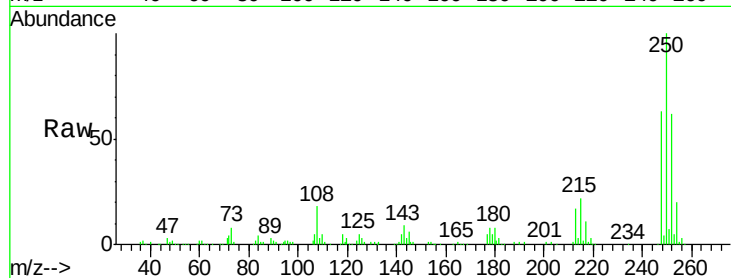




#74  
 Pentachlorobenzene  
 Concen: 23.68 ng/uL  
 RT: 14.95 min Scan# 2061  
 Delta R.T. -0.00 min  
 Lab File: BG018852.D  
 Acq: 23 Sep 2015 15:48

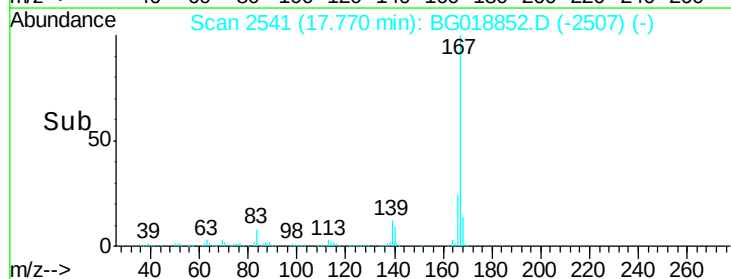
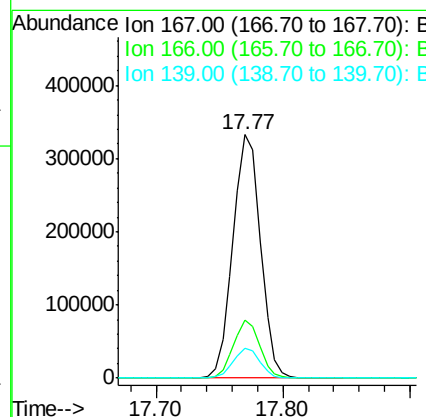
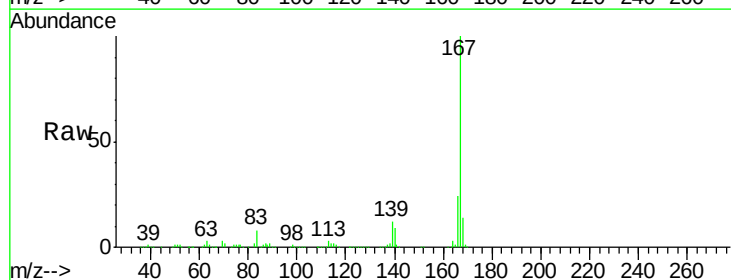
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 250     | 100   |       |       |
| 248     | 62.6  | 45.8  | 68.8  |
| 252     | 61.6  | 50.4  | 75.6  |

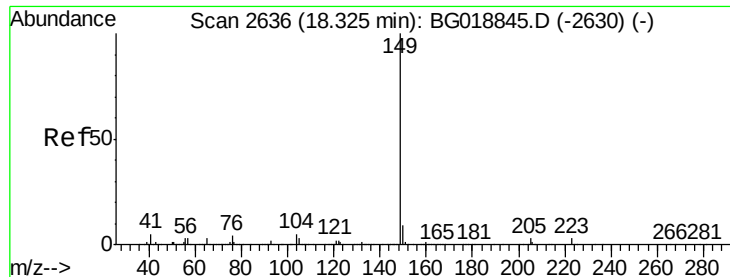


#75  
 Carbazole  
 Concen: 21.61 ng/uL  
 RT: 17.77 min Scan# 2541  
 Delta R.T. -0.00 min  
 Lab File: BG018852.D  
 Acq: 23 Sep 2015 15:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.6  | 18.9  | 28.3  |
| 139     | 12.2  | 10.1  | 15.1  |



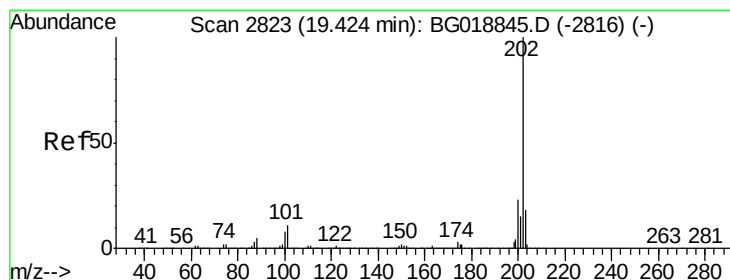
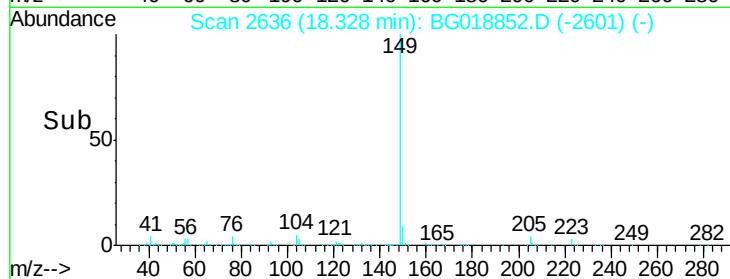
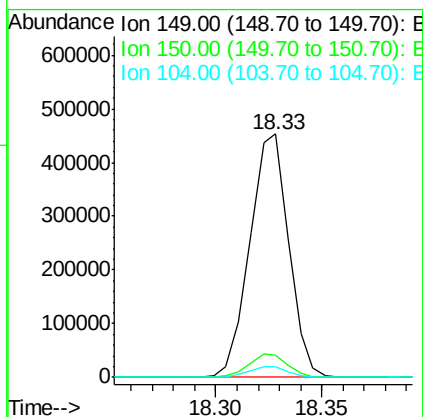
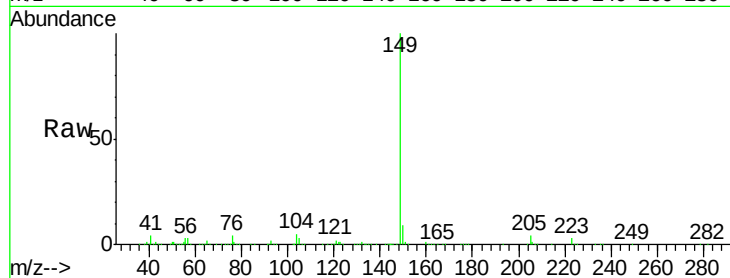




#76  
Di-n-butylphthalate  
Concen: 19.86 ng/ul  
RT: 18.33 min Scan# 2636  
Delta R.T. 0.00 min  
Lab File: BG018852.D  
Acq: 23 Sep 2015 15:48

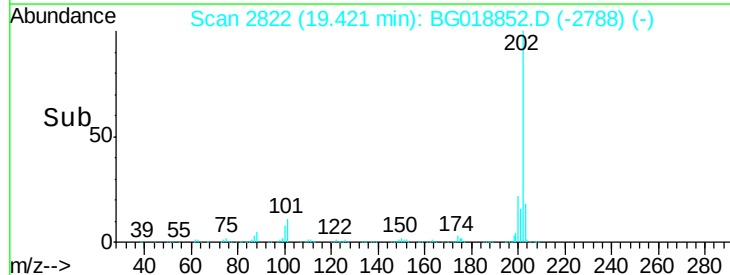
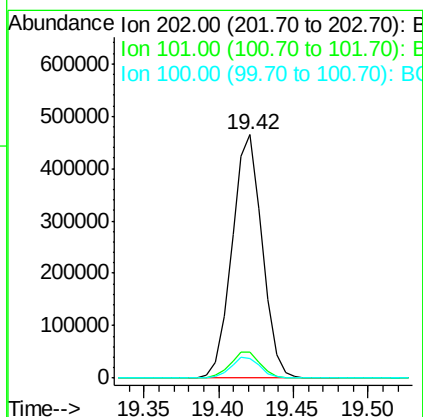
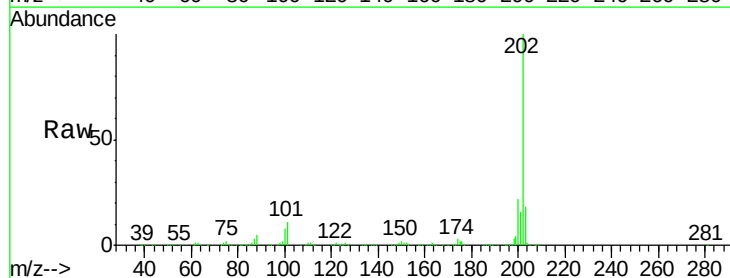
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02005

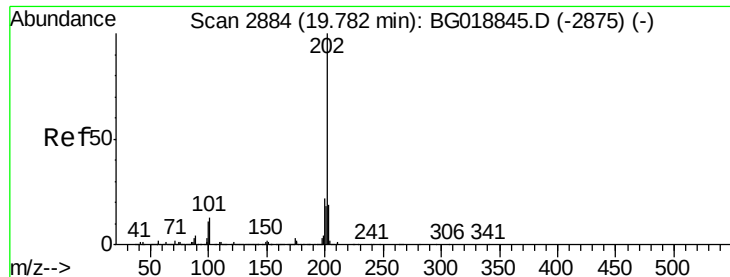
Tot Ion:149 Resp: 580194  
Ion Ratio Lower Upper  
149 100  
150 9.3 7.5 11.3  
104 4.6 4.3 6.5



#77  
Fluoranthene  
Concen: 22.71 ng/ul  
RT: 19.42 min Scan# 2822  
Delta R.T. -0.00 min  
Lab File: BG018852.D  
Acq: 23 Sep 2015 15:48

Tgt Ion:202 Resp: 653733  
Ion Ratio Lower Upper  
202 100  
101 10.6 9.7 14.5  
100 8.0 7.8 11.8





#80

Pvrene

Concen: 18.87 ng/ul

RT: 19.78 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG018852.D

Acq: 23 Sep 2015 15:48

Instrument :

BNA\_G

ClientSampleId :

SSTD02005

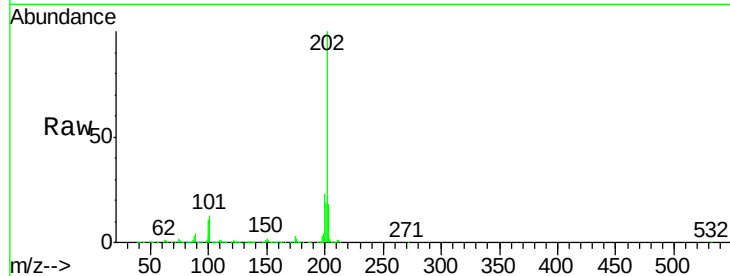
Tot Ion:202 Resp: 667338

Ion Ratio Lower Upper

202 100

101 12.8 11.0 16.4

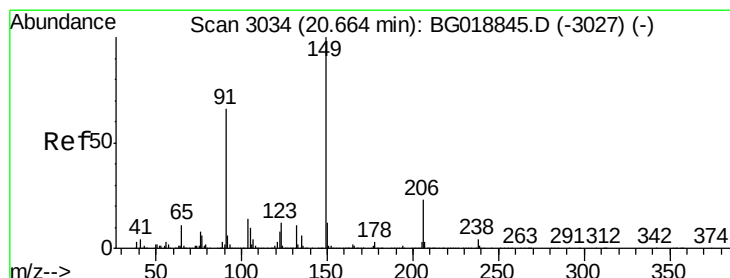
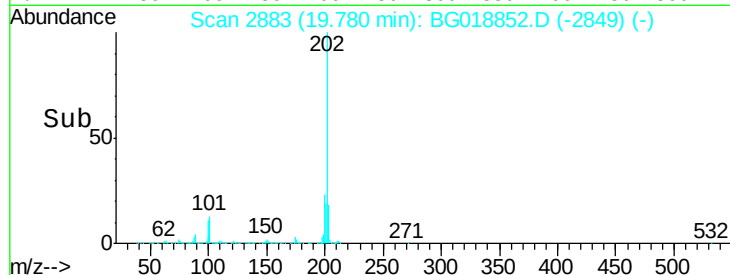
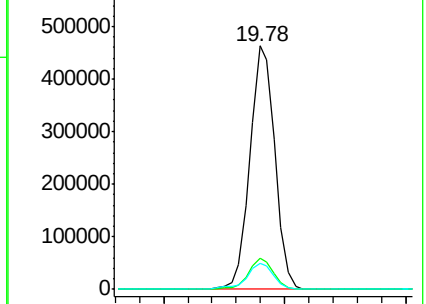
100 10.9 9.8 14.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#81

Butylbenzylphthalate

Concen: 21.26 ng/ul

RT: 20.66 min Scan# 3033

Delta R.T. -0.00 min

Lab File: BG018852.D

Acq: 23 Sep 2015 15:48

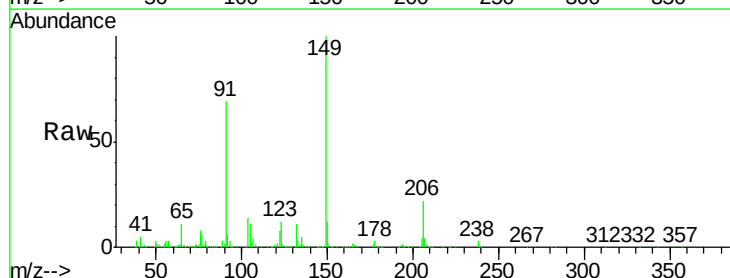
Tgt Ion:149 Resp: 288405

Ion Ratio Lower Upper

149 100

91 68.6 57.9 86.9

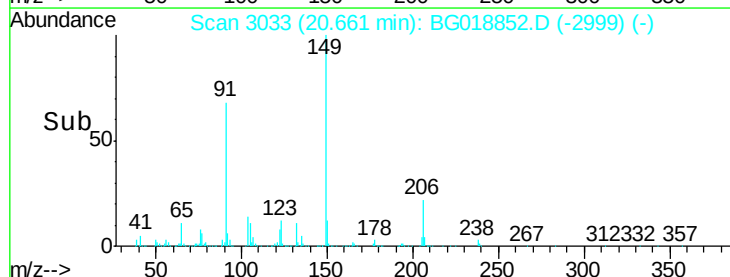
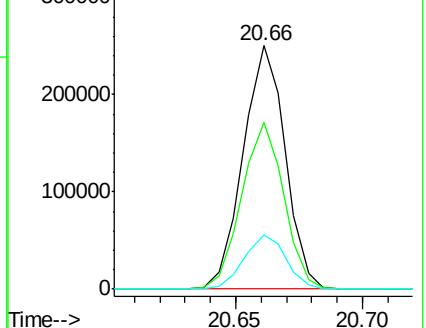
206 22.1 17.9 26.9

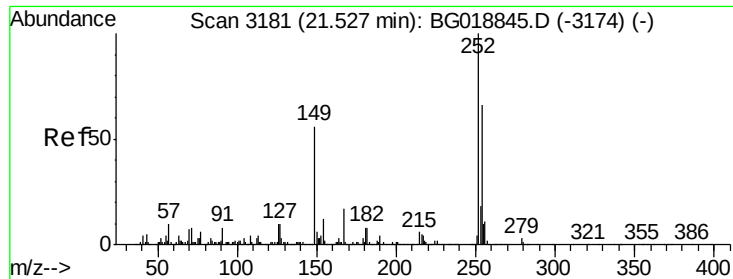


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#82

3,3'-Dichlorobenzidine

Concen: 25.15 ng/ul

RT: 21.52 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG018852.D

Acq: 23 Sep 2015 15:48

Instrument :

BNA\_G

ClientSampleId :

SSTD02005

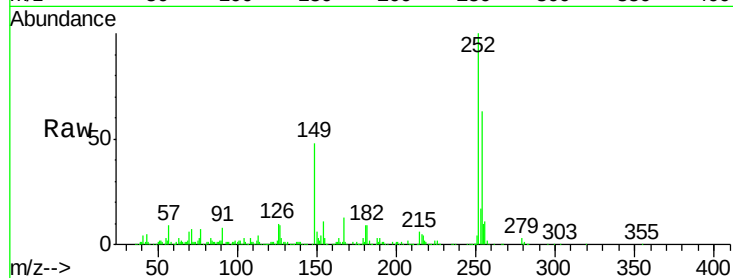
Tot Ion:252 Resp: 268189

Ion Ratio Lower Upper

252 100

254 63.0 50.9 76.3

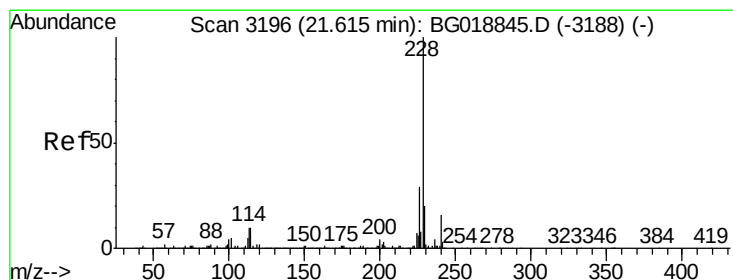
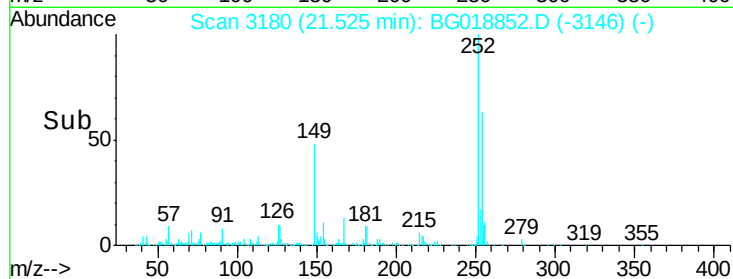
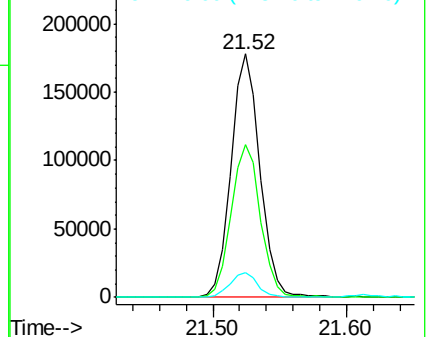
126 10.0 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Benzo(a)anthracene

Concen: 20.66 ng/ul

RT: 21.61 min Scan# 3195

Delta R.T. -0.00 min

Lab File: BG018852.D

Acq: 23 Sep 2015 15:48

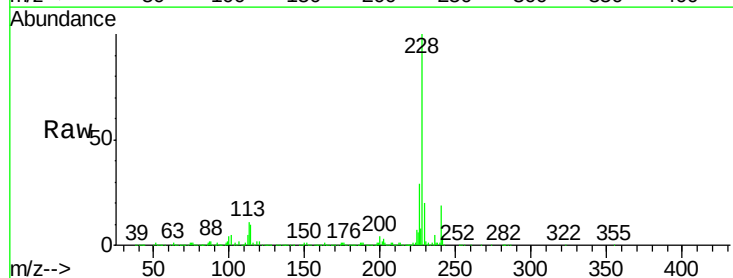
Tgt Ion:228 Resp: 688701

Ion Ratio Lower Upper

228 100

229 19.9 15.5 23.3

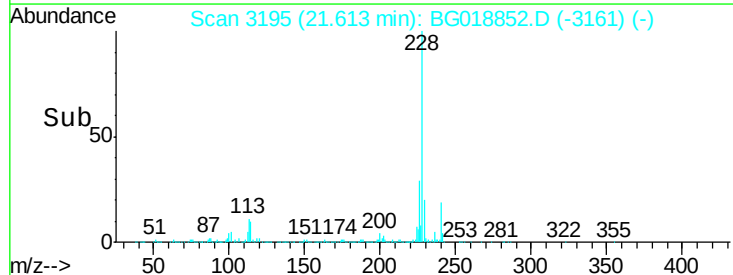
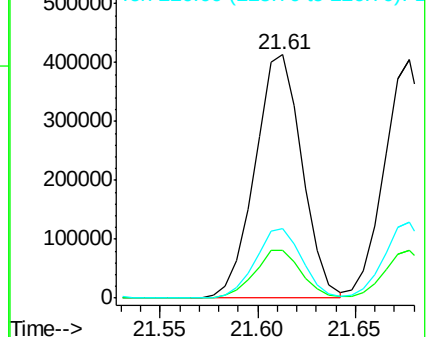
226 28.6 22.1 33.1

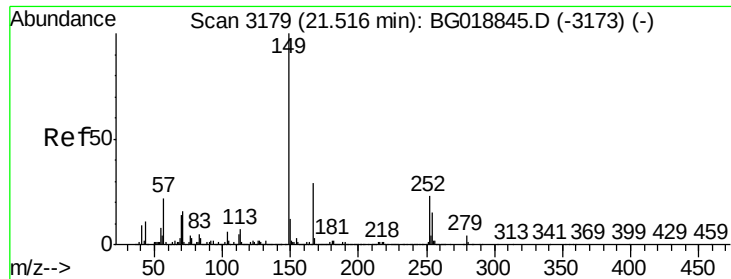


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

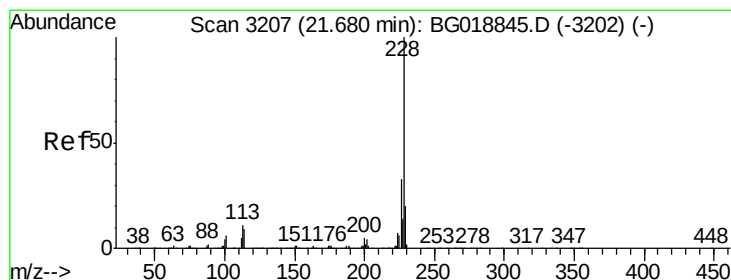
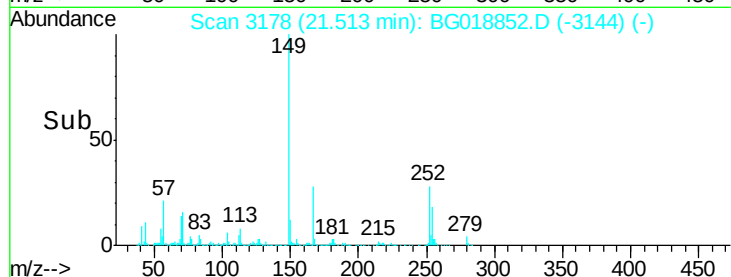
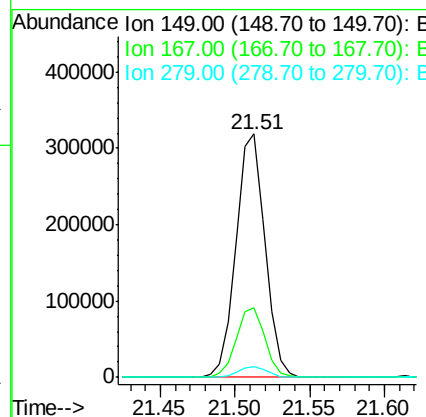
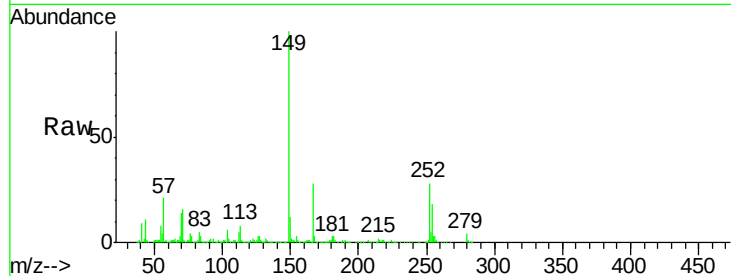




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 21.51 ng/ul  
 RT: 21.51 min Scan# 3178  
 Delta R.T. -0.00 min  
 Lab File: BG018852.D  
 Acq: 23 Sep 2015 15:48

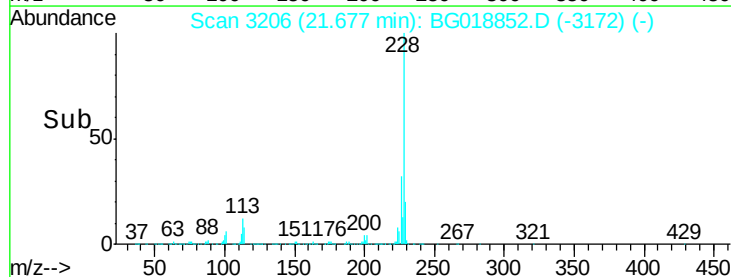
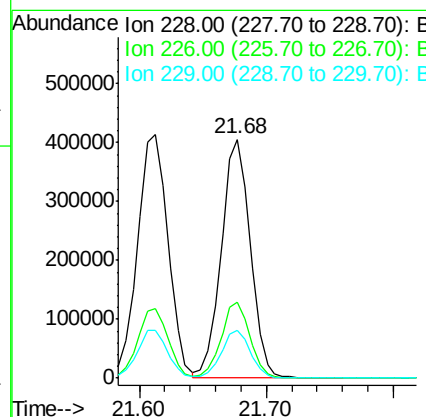
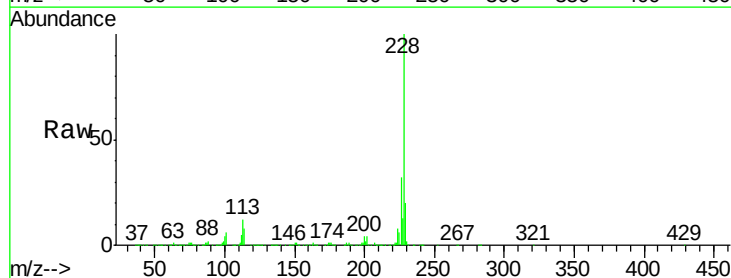
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02005

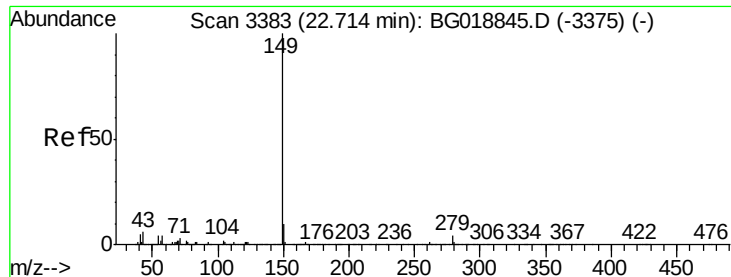
Tot Ion:149 Resp: 432567  
 Ion Ratio Lower Upper  
 149 100  
 167 28.4 22.2 33.2  
 279 4.4 2.8 4.2#



#85  
 Chrysene  
 Concen: 20.92 ng/ul  
 RT: 21.68 min Scan# 3206  
 Delta R.T. -0.00 min  
 Lab File: BG018852.D  
 Acq: 23 Sep 2015 15:48

Tgt Ion:228 Resp: 643450  
 Ion Ratio Lower Upper  
 228 100  
 226 31.7 26.5 39.7  
 229 19.8 16.9 25.3

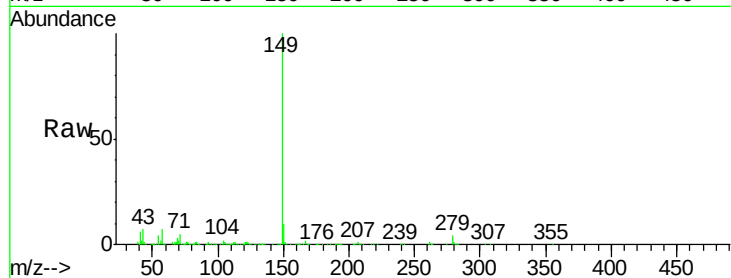




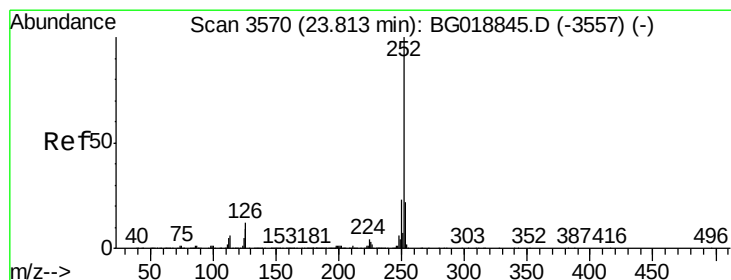
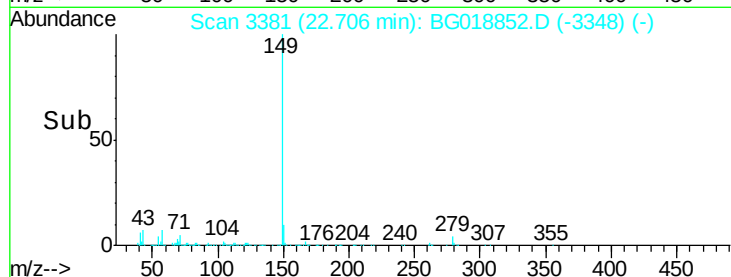
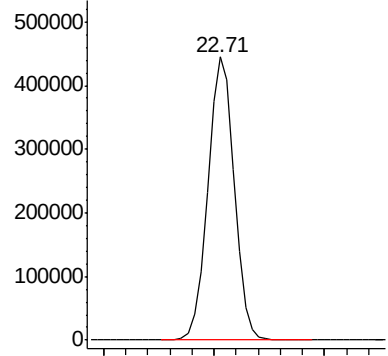
#87  
Di-n-octyl phthalate  
Concen: 22.61 ng/ul  
RT: 22.71 min Scan# 3381  
Delta R.T. -0.01 min  
Lab File: BG018852.D  
Acq: 23 Sep 2015 15:48

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02005

Tgt Ion:149 Resp: 742320

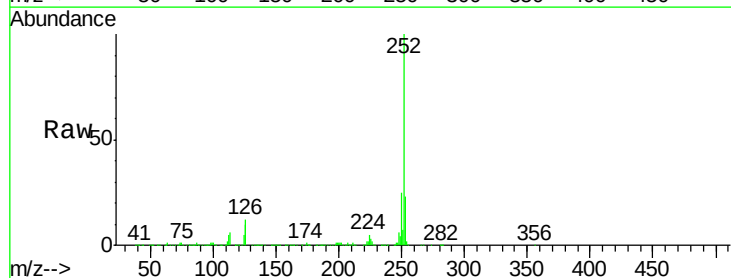


Abundance Ion 149.00 (148.70 to 149.70): E

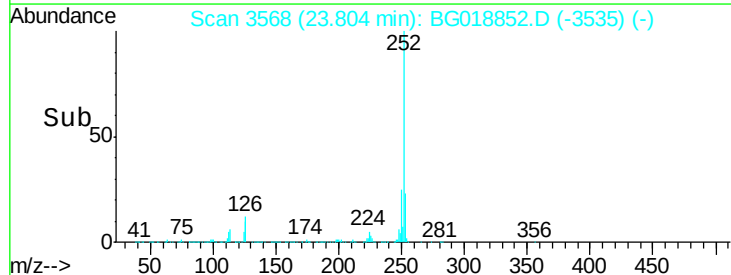
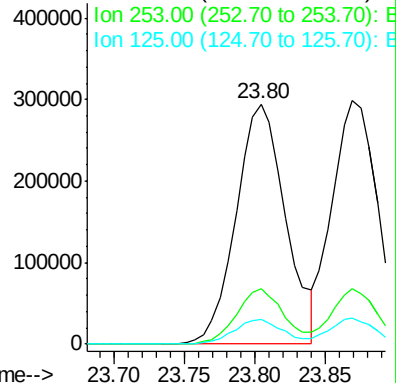


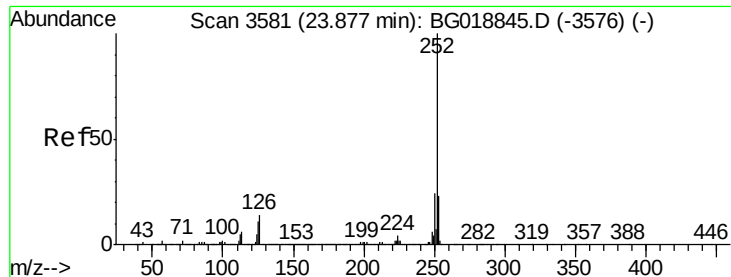
#88  
Benzo(b)fluoranthene  
Concen: 20.53 ng/ul  
RT: 23.80 min Scan# 3568  
Delta R.T. -0.01 min  
Lab File: BG018852.D  
Acq: 23 Sep 2015 15:48

Tgt Ion:252 Resp: 720563  
Ion Ratio Lower Upper  
252 100  
253 23.2 18.1 27.1  
125 10.4 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E





#89

Benzo(k)fluoranthene

Concen: 19.92 ng/ul

RT: 23.87 min Scan# 3579

Delta R.T. -0.01 min

Lab File: BG018852.D

Acq: 23 Sep 2015 15:48

Instrument :

BNA\_G

ClientSampleId :

SSTD02005

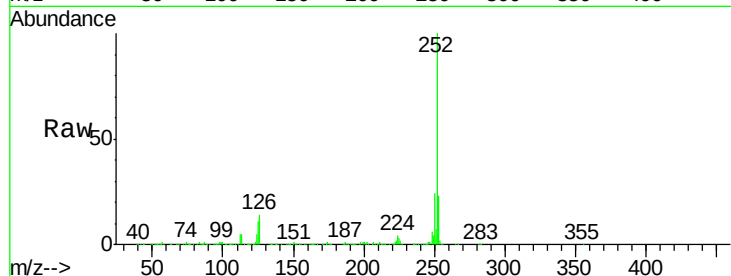
Tot Ion:252 Resp: 669378

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.6

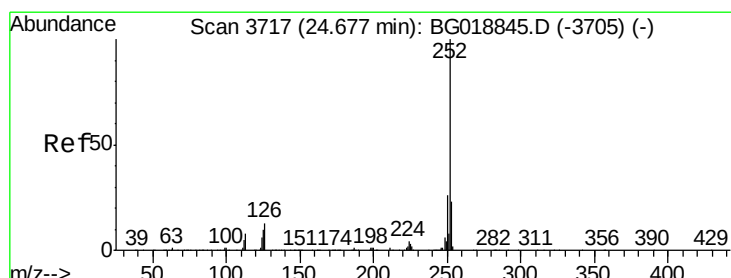
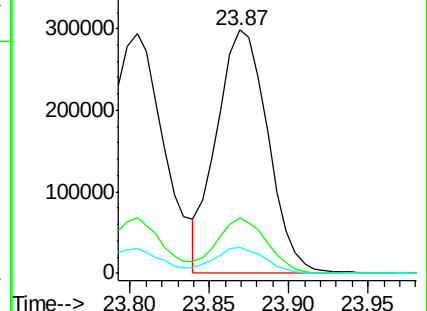
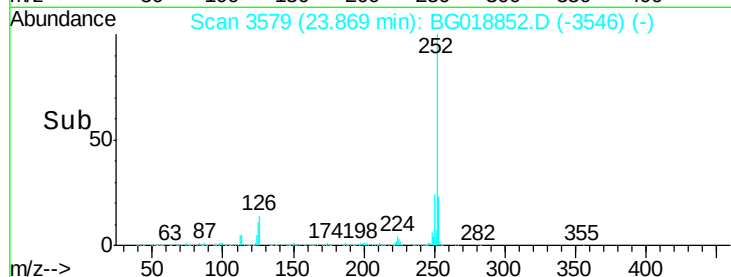
125 10.7 9.0 13.4



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



#91

Benzo(a)pyrene

Concen: 20.25 ng/ul

RT: 24.67 min Scan# 3715

Delta R.T. -0.01 min

Lab File: BG018852.D

Acq: 23 Sep 2015 15:48

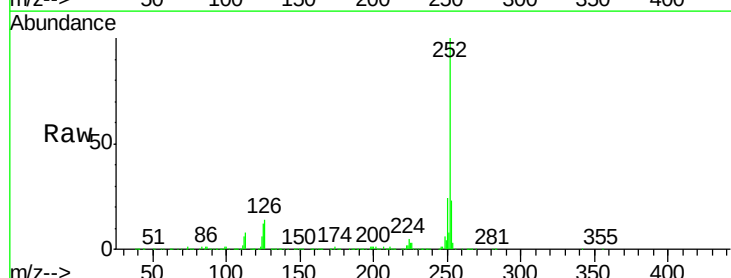
Tgt Ion:252 Resp: 675303

Ion Ratio Lower Upper

252 100

253 22.9 17.7 26.5

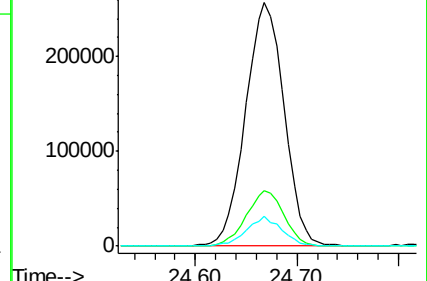
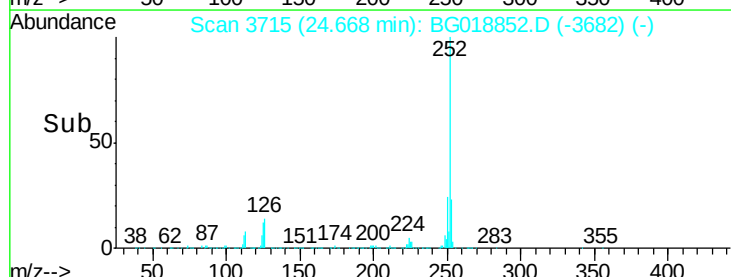
125 12.2 10.2 15.2

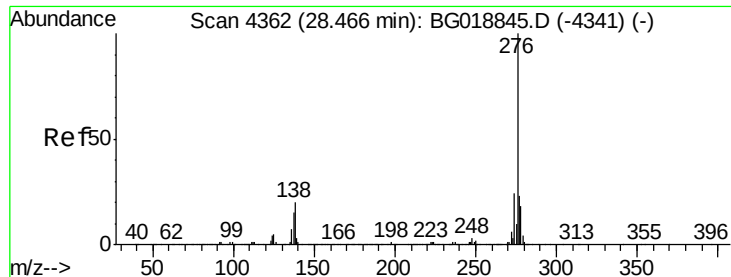


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 20.59 ng/ul

RT: 28.45 min Scan# 4358

Delta R.T. -0.02 min

Lab File: BG018852.D

Acq: 23 Sep 2015 15:48

Instrument :

BNA\_G

ClientSampleId :

SSTD02005

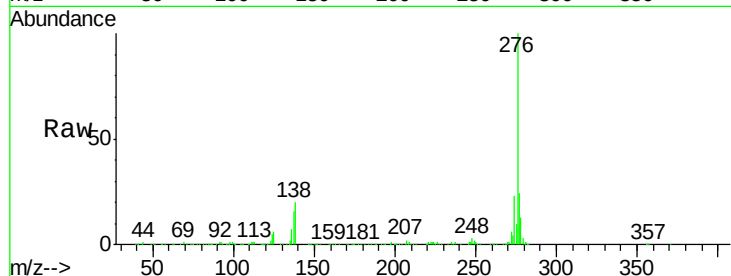
Tot Ion:276 Resp: 796041

Ion Ratio Lower Upper

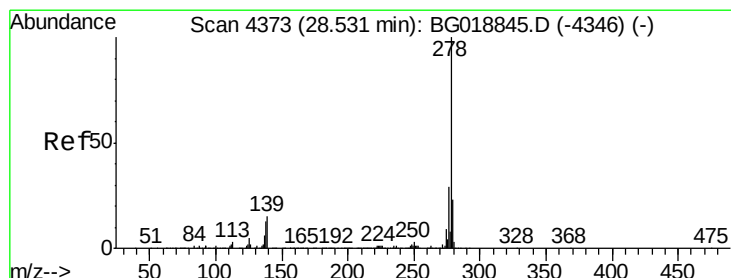
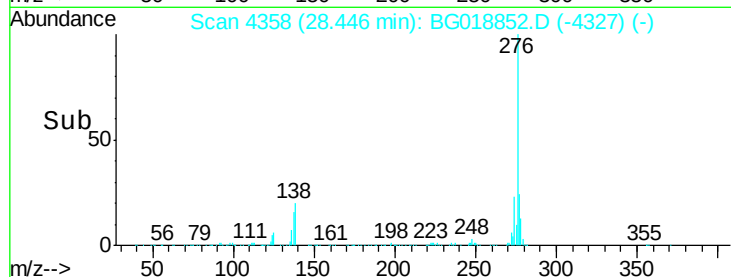
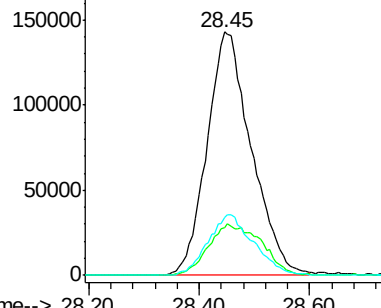
276 100

138 19.8 15.8 23.6

277 23.6 18.9 28.3



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



#93

Dibenzo(a,h)anthracene

Concen: 21.34 ng/ul

RT: 28.50 min Scan# 4368

Delta R.T. -0.03 min

Lab File: BG018852.D

Acq: 23 Sep 2015 15:48

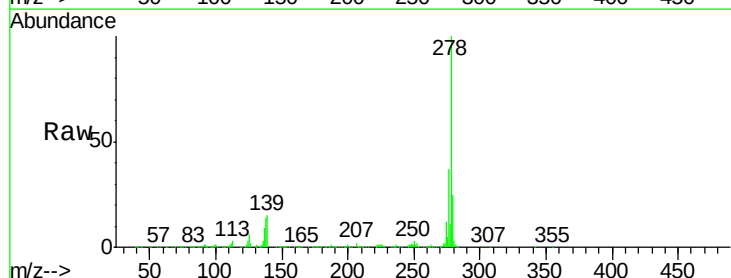
Tgt Ion:278 Resp: 662421

Ion Ratio Lower Upper

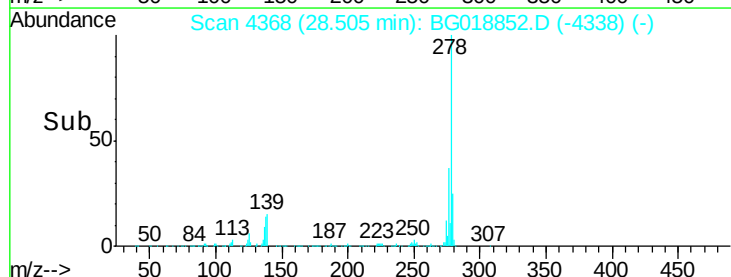
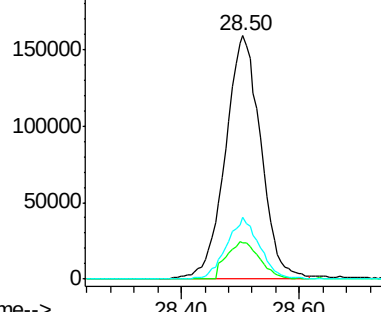
278 100

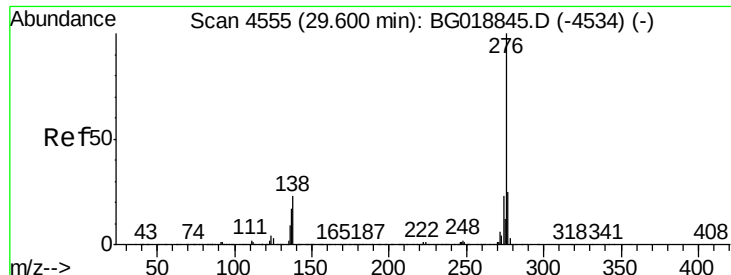
139 14.9 13.8 20.6

279 25.2 17.8 26.8



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





#94

Benzo(a,h,i)perylene

Concen: 19.92 ng/ul

RT: 29.58 min Scan# 4551

Delta R.T. -0.02 min

Lab File: BG018852.D

Acq: 23 Sep 2015 15:48

Instrument :

BNA\_G

ClientSampleId :

SSTD02005

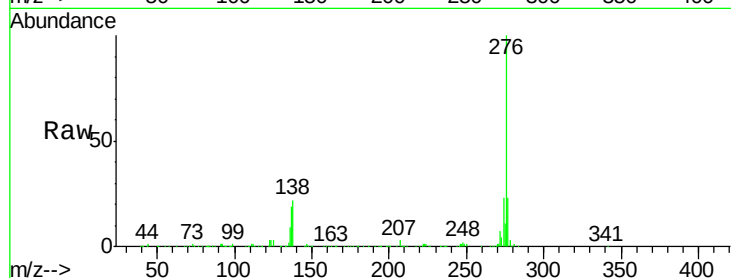
Tot Ion:276 Resp: 642886

Ion Ratio Lower Upper

276 100

138 21.9 16.5 24.7

277 23.0 19.0 28.6



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

