

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\  
 Data File : BG019382.D  
 Acq On : 28 Oct 2015 15:33  
 Operator : UM/NP  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02016

Quant Time: Oct 29 00:55:46 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 28 16:26:13 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.21  | 152  | 33346    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.03 | 136  | 131484   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.84 | 164  | 103501   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.57 | 188  | 291141   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.86 | 240  | 361864   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.25 | 264  | 343095   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.51  | 96  | 5189   | 7.45  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.34  | 99  | 58185  | 19.01 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.51  | 67  | 38211  | 19.69 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.73  | 132 | 37097  | 19.41 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.91  | 113 | 46786  | 19.19 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.37  | 128 | 18997  | 19.66 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.10 | 143 | 24473  | 21.33 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.65 | 165 | 51365  | 20.64 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.16 | 131 | 56579  | 22.47 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.23 | 166 | 173064 | 20.28 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.53 | 160 | 190801 | 20.19 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 15.01 | 143 | 28957  | 21.36 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.82 | 176 | 152762 | 19.35 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.93 | 200 | 38525  | 20.44 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.67 | 188 | 267448 | 20.15 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.95 | 212 | 320508 | 20.24 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 25.01 | 264 | 337702 | 19.61 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       | Ovalue    |
|--------------------------------|-------|-----|--------|-------|-----------|
| 2) 1,4-Dioxane                 | 3.55  | 88  | 5991   | 7.56  | ng/uL# 73 |
| 4) Benzaldehyde                | 7.33  | 77  | 45486  | 22.85 | ng/ul 97  |
| 6) Phenol                      | 7.37  | 94  | 63125  | 19.36 | ng/ul 99  |
| 8) Bis(2-Chloroethyl)ether     | 7.61  | 93  | 44373  | 19.81 | ng/ul 95  |
| 10) 2-Chlorophenol             | 7.76  | 128 | 37933  | 19.28 | ng/ul 95  |
| 11) 2-Methylphenol             | 8.64  | 108 | 46875  | 19.44 | ng/ul 96  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.74  | 45  | 34980  | 19.48 | ng/ul 93  |
| 14) Acetophenone               | 9.03  | 105 | 78962  | 19.29 | ng/ul# 84 |
| 15) N-Nitroso-di-n-propylamine | 9.01  | 70  | 52764  | 19.67 | ng/ul# 85 |
| 16) 4-Methylphenol             | 8.97  | 108 | 51130  | 19.41 | ng/ul 86  |
| 17) Hexachloroethane           | 9.30  | 117 | 18829  | 18.33 | ng/ul 87  |
| 20) Nitrobenzene               | 9.42  | 77  | 74324  | 19.67 | ng/ul 95  |
| 21) Isophorone                 | 9.94  | 82  | 135666 | 19.82 | ng/ul 97  |
| 23) 2-Nitrophenol              | 10.14 | 139 | 25923  | 19.90 | ng/ul 88  |
| 24) 2,4-Dimethylphenol         | 10.19 | 107 | 67226  | 19.75 | ng/ul 99  |
| 25) Bis(2-Chloroethoxy)methane | 10.42 | 93  | 65479  | 20.21 | ng/ul 97  |
| 27) 2,4-Dichlorophenol         | 10.68 | 162 | 46694  | 19.64 | ng/ul# 85 |
| 28) Naphthalene                | 11.09 | 128 | 131133 | 19.93 | ng/ul# 93 |
| 30) 4-Chloroaniline            | 11.19 | 127 | 56479  | 21.40 | ng/ul 90  |
| 31) Hexachlorobutadiene        | 11.36 | 225 | 48250  | 19.85 | ng/ul 87  |
| 32) Caprolactam                | 11.93 | 113 | 18132  | 21.27 | ng/ul 91  |
| 33) 4-Chloro-3-methylphenol    | 12.30 | 107 | 62730  | 19.65 | ng/ul# 91 |
| 34) 2-Methylnaphthalene        | 12.68 | 142 | 105744 | 20.00 | ng/ul 98  |

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\  
 Data File : BG019382.D  
 Acq On : 28 Oct 2015 15:33  
 Operator : UM/NP  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02016

Quant Time: Oct 29 00:55:46 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 28 16:26:13 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 35) 1-Methylnaphthalene        | 12.90 | 142  | 101139   | 20.22 | ng/ul  | 98       |
| 37) 1,2,4,5-Tetrachlorobenzene | 13.04 | 216  | 89256    | 20.92 | ng/ul  | 97       |
| 38) Hexachlorocyclopentadiene  | 13.01 | 237  | 63371    | 20.02 | ng/ul  | 98       |
| 39) 2,4,6-Trichlorophenol      | 13.27 | 196  | 51406    | 20.38 | ng/ul  | 90       |
| 40) 2,4,5-Trichlorophenol      | 13.34 | 196  | 53394    | 19.29 | ng/ul  | 98       |
| 41) 1,1'-Biphenyl              | 13.67 | 154  | 151274   | 20.68 | ng/ul# | 96       |
| 42) 2-Chloronaphthalene        | 13.71 | 162  | 116950   | 20.49 | ng/ul  | 94       |
| 43) 2-Nitroaniline             | 13.91 | 65   | 50815    | 20.82 | ng/ul  | 92       |
| 45) Dimethylphthalate          | 14.28 | 163  | 172203   | 19.73 | ng/ul# | 97       |
| 46) 2,6-Dinitrotoluene         | 14.40 | 165  | 35366    | 20.02 | ng/ul  | 97       |
| 48) Acenaphthylene             | 14.56 | 152  | 197839   | 20.43 | ng/ul  | 99       |
| 49) 3-Nitroaniline             | 14.73 | 138  | 32366    | 21.29 | ng/ul  | 99       |
| 50) Acenaphthene               | 14.90 | 153  | 131853   | 20.17 | ng/ul  | 97       |
| 51) 2,4-Dinitrophenol          | 14.93 | 184  | 26435    | 19.90 | ng/ul  | 94       |
| 53) 4-Nitrophenol              | 15.03 | 109  | 40630    | 19.22 | ng/ul# | 82       |
| 54) Dibenzofuran               | 15.23 | 168  | 194158   | 20.16 | ng/ul  | 97       |
| 55) 2,4-Dinitrotoluene         | 15.18 | 165  | 55613    | 19.93 | ng/ul# | 89       |
| 56) 2,3,4,6-Tetrachlorophenol  | 15.45 | 232  | 57889    | 20.01 | ng/ul  | 99       |
| 57) Diethylphthalate           | 15.63 | 149  | 169592   | 19.68 | ng/ul  | 96       |
| 59) Fluorene                   | 15.88 | 166  | 166037   | 19.77 | ng/ul  | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.86 | 204  | 98927    | 19.82 | ng/ul  | 98       |
| 61) 4-Nitroaniline             | 15.89 | 138  | 35191    | 20.14 | ng/ul  | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 15.94 | 198  | 41268    | 20.25 | ng/ul# | 99       |
| 65) N-Nitrosodiphenylamine     | 16.08 | 169  | 147642   | 19.61 | ng/ul  | 95       |
| 66) 4-Bromophenyl-phenylether  | 16.76 | 248  | 70895    | 20.49 | ng/ul  | 99       |
| 67) Hexachlorobenzene          | 16.88 | 284  | 73921    | 20.13 | ng/ul  | 97       |
| 68) Atrazine                   | 17.02 | 200  | 75583    | 20.25 | ng/ul  | 98       |
| 69) Pentachlorophenol          | 17.22 | 266  | 41200    | 19.01 | ng/ul  | 94       |
| 70) Phenanthrene               | 17.62 | 178  | 288595   | 19.64 | ng/ul  | 97       |
| 72) Anthracene                 | 17.71 | 178  | 299687   | 20.01 | ng/ul  | 96       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.64 | 216  | 84275    | 19.98 | ng/uL  | 95       |
| 74) Pentachlorobenzene         | 15.15 | 250  | 86323    | 20.30 | ng/uL  | 93       |
| 75) Carbazole                  | 17.97 | 167  | 242426   | 20.28 | ng/ul  | 98       |
| 76) Di-n-butylphthalate        | 18.52 | 149  | 291640   | 19.69 | ng/ul  | 97       |
| 77) Fluoranthene               | 19.62 | 202  | 402387   | 21.15 | ng/ul# | 97       |
| 80) Pvrene                     | 19.98 | 202  | 409012   | 20.14 | ng/ul# | 97       |
| 81) Butylbenzylphthalate       | 20.85 | 149  | 131933   | 19.99 | ng/ul  | 92       |
| 82) 3,3'-Dichlorobenzidine     | 21.75 | 252  | 148742   | 20.98 | ng/ul# | 94       |
| 83) Benzo(a)anthracene         | 21.85 | 228  | 423295   | 20.09 | ng/ul  | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.73 | 149  | 190524   | 20.32 | ng/ul  | 99       |
| 85) Chrysene                   | 21.92 | 228  | 392084   | 19.83 | ng/ul  | 99       |
| 87) Di-n-octyl phthalate       | 23.00 | 149  | 312930   | 20.14 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 24.17 | 252  | 397288   | 19.63 | ng/ul# | 97       |
| 89) Benzo(k)fluoranthene       | 24.24 | 252  | 381931   | 19.61 | ng/ul  | 100      |
| 91) Benzo(a)pyrene             | 25.09 | 252  | 385005   | 19.80 | ng/ul  | 93       |
| 92) Indeno(1,2,3-cd)pyrene     | 29.11 | 276  | 432538   | 19.75 | ng/ul  | 98       |
| 93) Dibenzo(a,h)anthracene     | 29.19 | 278  | 357661   | 19.56 | ng/ul# | 94       |
| 94) Benzo(a,h,i)perylene       | 30.34 | 276  | 355204   | 21.37 | ng/ul# | 89       |

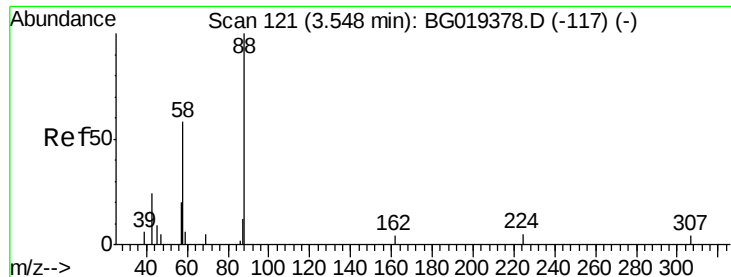
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\  
Data File : BG019382.D  
Acq On : 28 Oct 2015 15:33  
Operator : UM/NP  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02016

Quant Time: Oct 29 00:55:46 2015  
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Oct 28 16:26:13 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: 7.56 ng/uL

RT: 3.55 min Scan# 121

Delta R.T. 0.00 min

Lab File: BG019382.D

Acq: 28 Oct 2015 15:33

Instrument :

BNA\_G

ClientSampleId :

SSTD02016

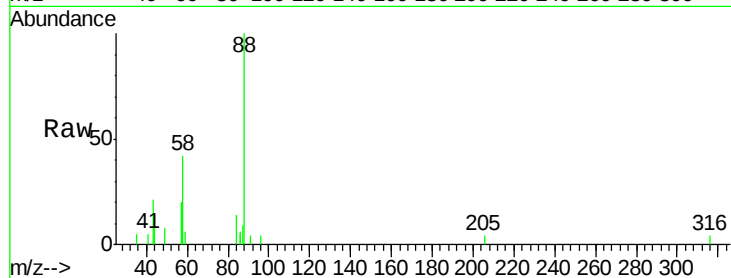
Tot Ion: 88 Resp: 5991

Ion Ratio Lower Upper

88 100

43 21.0 29.8 44.8#

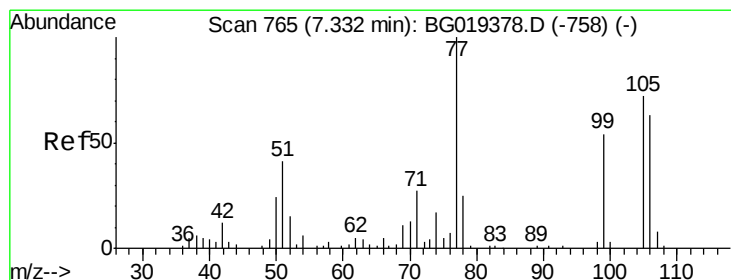
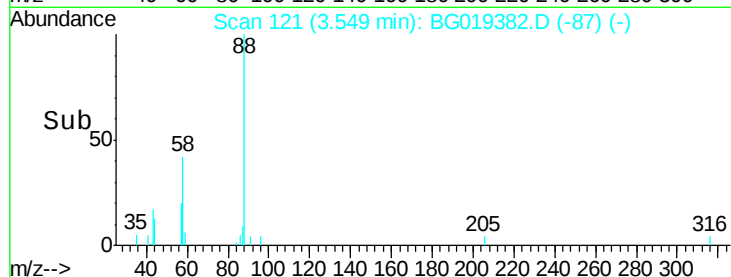
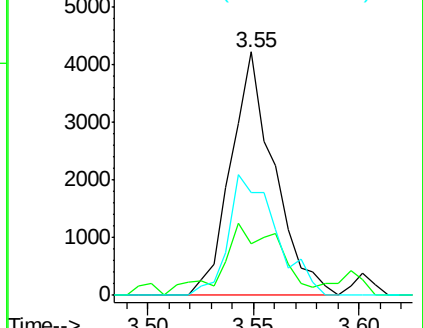
58 42.0 50.3 75.5#



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: 22.85 ng/uL

RT: 7.33 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG019382.D

Acq: 28 Oct 2015 15:33

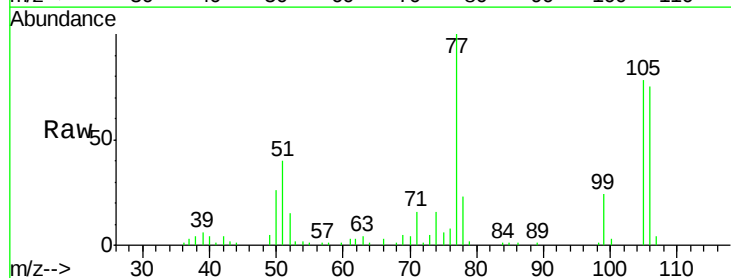
Tgt Ion: 77 Resp: 45486

Ion Ratio Lower Upper

77 100

105 77.7 61.6 92.4

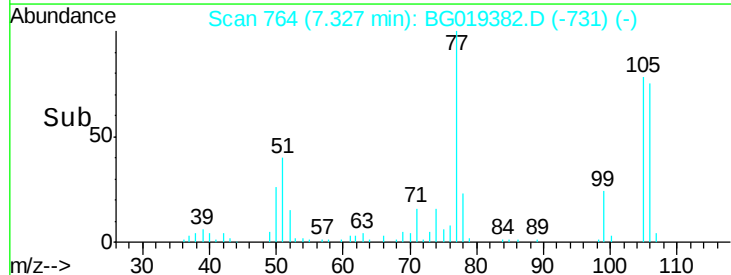
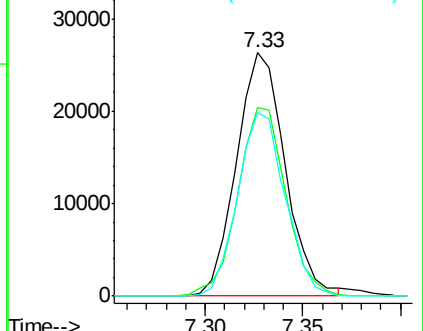
106 75.1 56.4 84.6

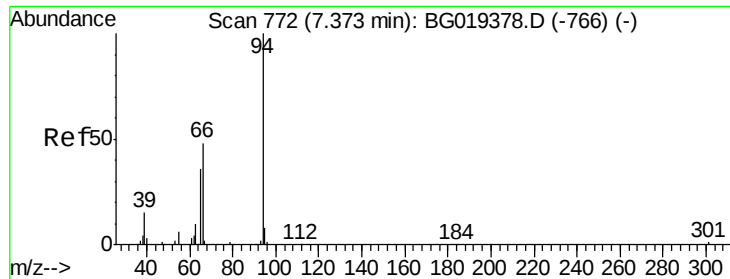


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#6

Phenol

Concen: 19.36 ng/ul

RT: 7.37 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG019382.D

Acq: 28 Oct 2015 15:33

Instrument :

BNA\_G

ClientSampleId :

SSTD02016

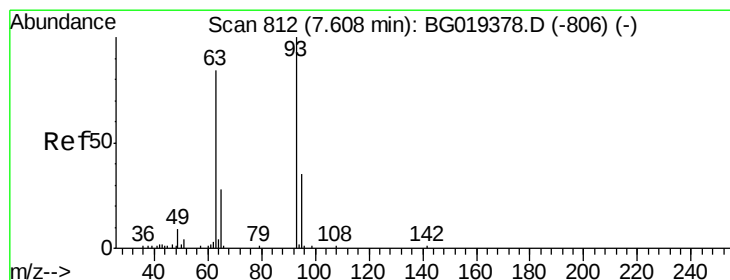
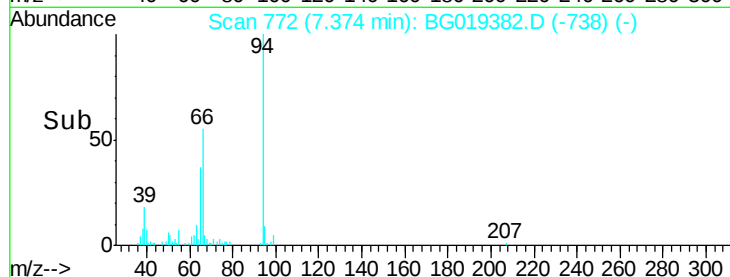
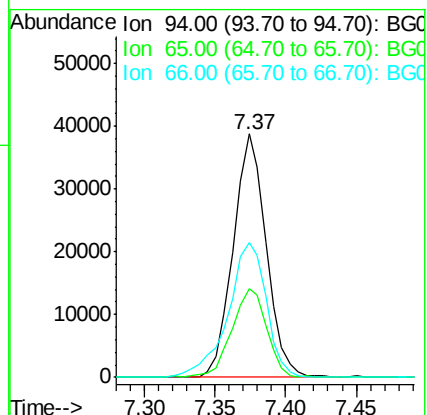
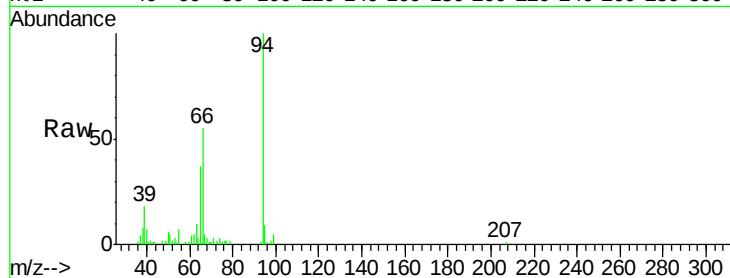
Tot Ion: 94 Resp: 63125

Ion Ratio Lower Upper

94 100

65 36.6 29.3 43.9

66 55.3 45.0 67.6



#8

Bis(2-Chloroethyl)ether

Concen: 19.81 ng/ul

RT: 7.61 min Scan# 812

Delta R.T. 0.00 min

Lab File: BG019382.D

Acq: 28 Oct 2015 15:33

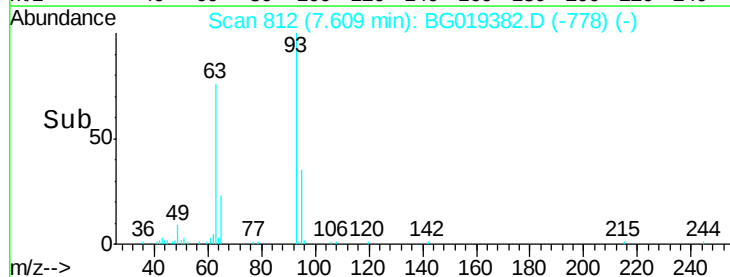
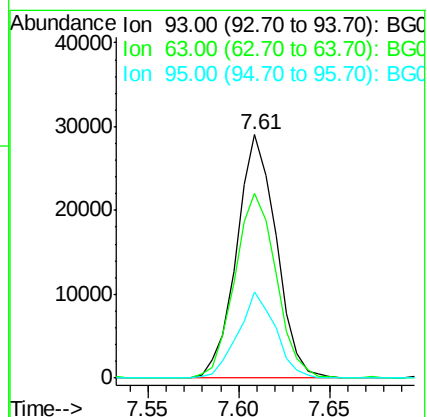
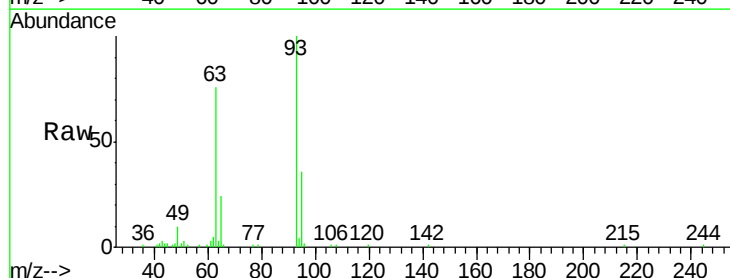
Tgt Ion: 93 Resp: 44373

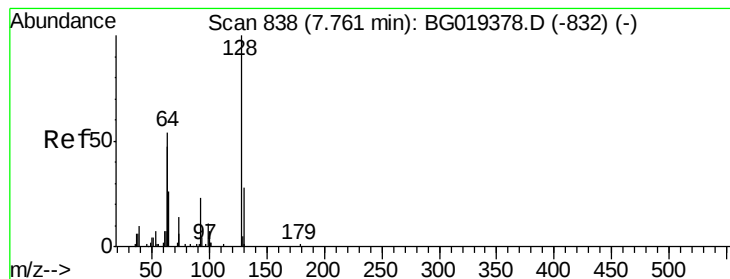
Ion Ratio Lower Upper

93 100

63 75.9 57.8 86.6

95 35.5 25.6 38.4





#10

2-Chlorophenol

Concen: 19.28 ng/ul

RT: 7.76 min Scan# 838

Delta R.T. 0.00 min

Lab File: BG019382.D

Acq: 28 Oct 2015 15:33

Instrument :

BNA\_G

ClientSampleId :

SSTD02016

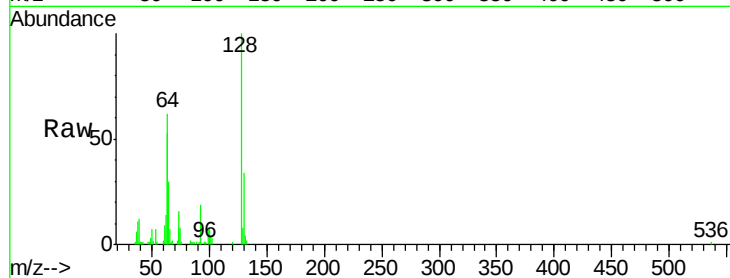
Tot Ion:128 Resp: 37933

Ion Ratio Lower Upper

128 100

64 62.3 53.2 79.8

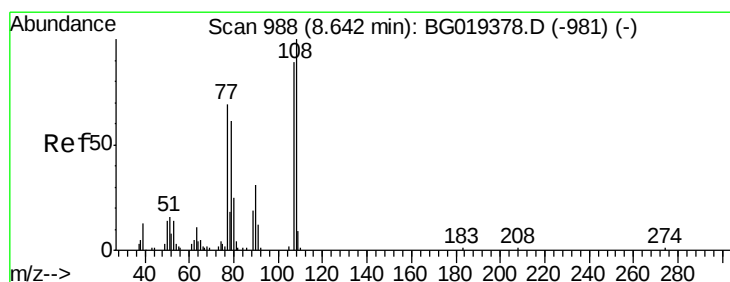
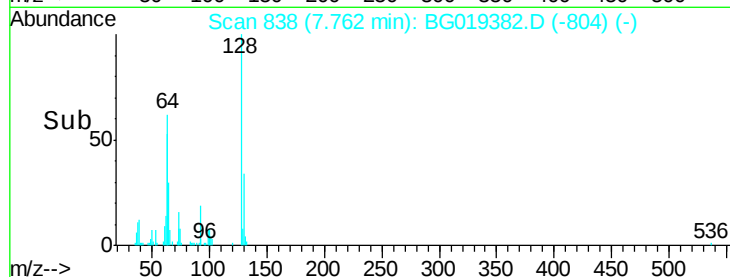
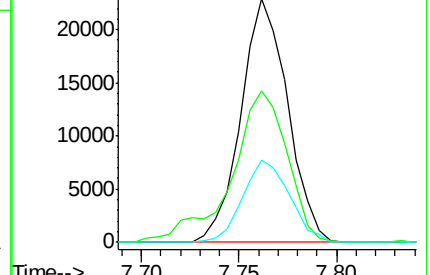
130 34.0 25.9 38.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 19.44 ng/ul

RT: 8.64 min Scan# 988

Delta R.T. 0.00 min

Lab File: BG019382.D

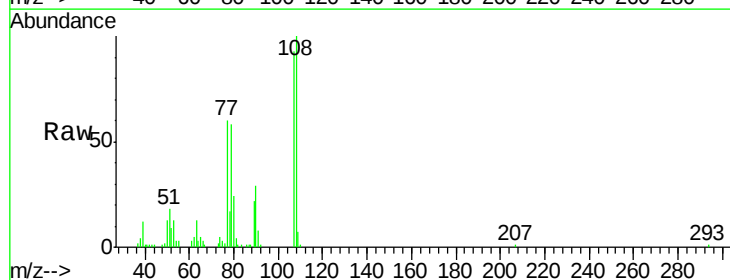
Acq: 28 Oct 2015 15:33

Tgt Ion:108 Resp: 46875

Ion Ratio Lower Upper

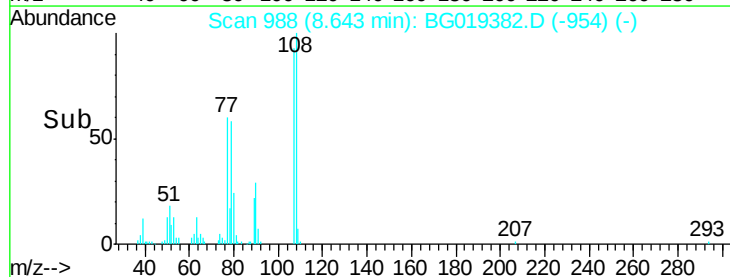
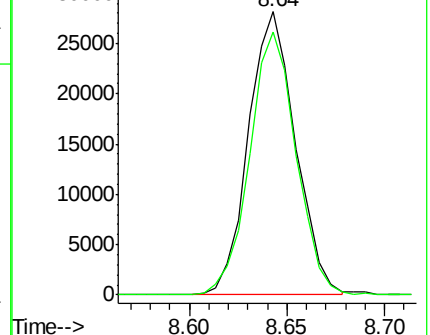
108 100

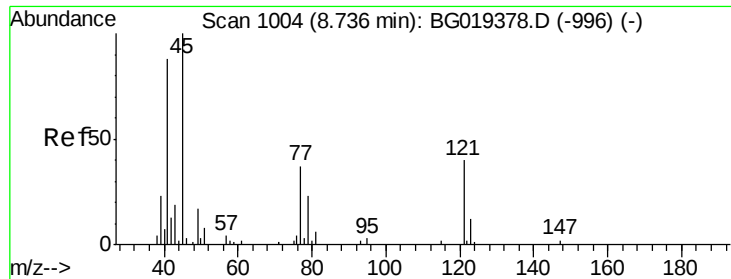
107 92.9 71.2 106.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

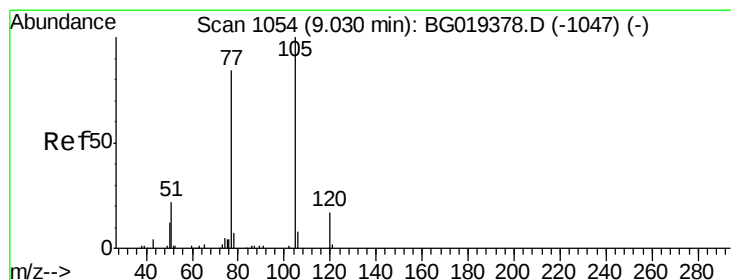
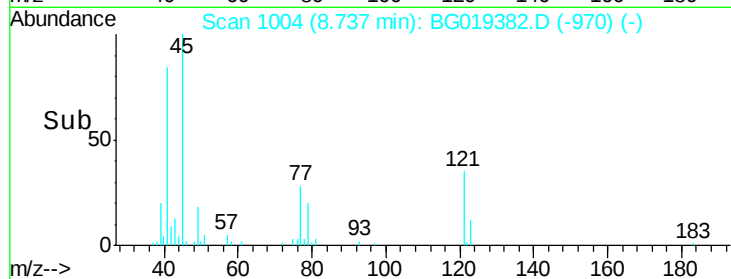
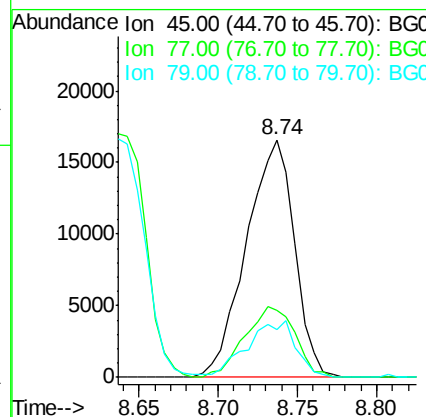
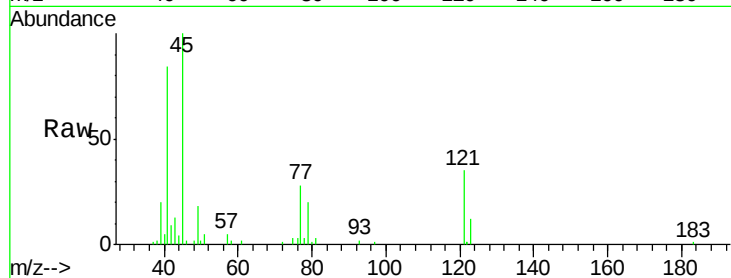




#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 19.48 ng/ul  
RT: 8.74 min Scan# 1004  
Delta R.T. 0.00 min  
Lab File: BG019382.D  
Acq: 28 Oct 2015 15:33

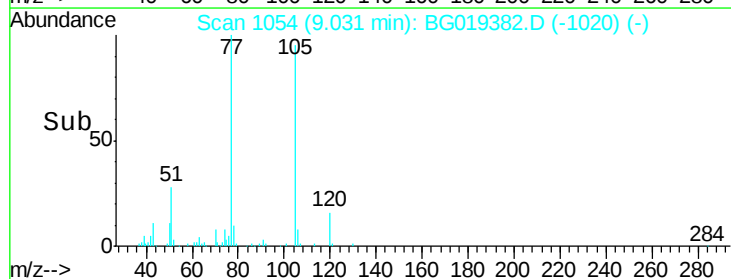
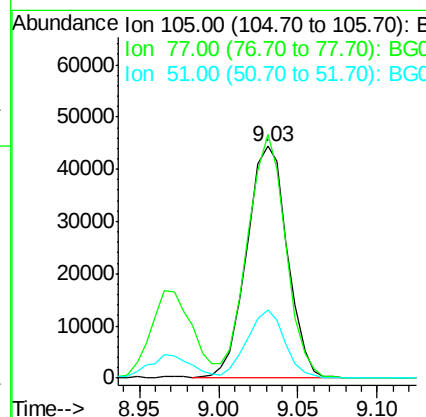
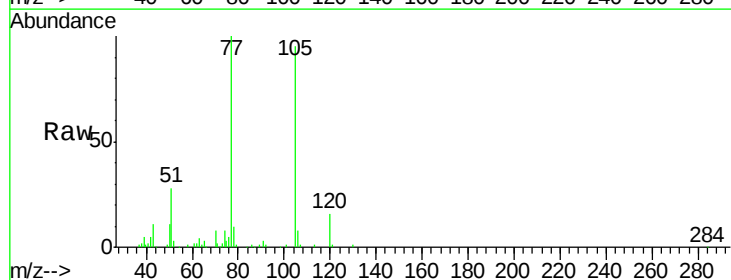
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02016

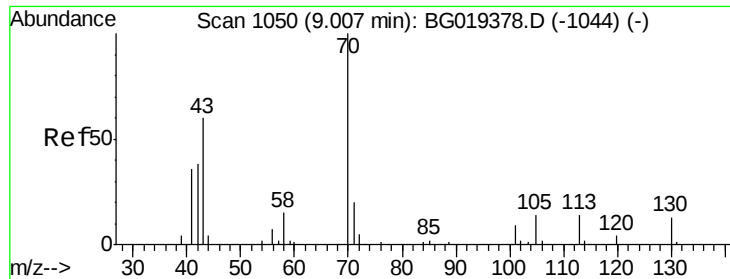
Tot Ion: 45 Resp: 34980  
Ion Ratio Lower Upper  
45 100  
77 28.0 26.2 39.2  
79 20.3 18.6 28.0



#14  
Acetophenone  
Concen: 19.29 ng/ul  
RT: 9.03 min Scan# 1054  
Delta R.T. 0.00 min  
Lab File: BG019382.D  
Acq: 28 Oct 2015 15:33

Tgt Ion: 105 Resp: 78962  
Ion Ratio Lower Upper  
105 100  
77 104.9 69.5 104.3#  
51 29.7 21.8 32.6

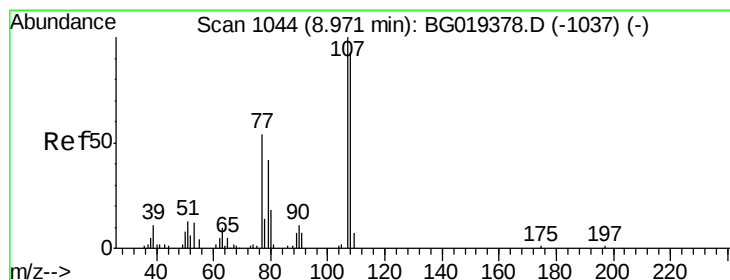
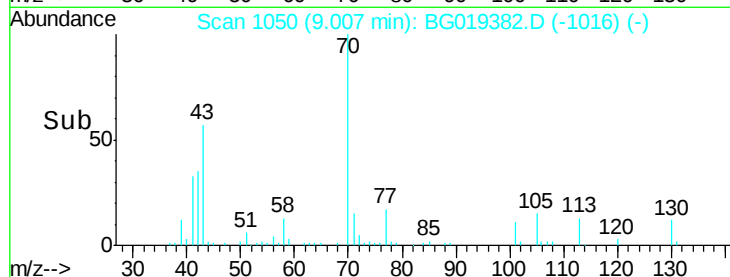
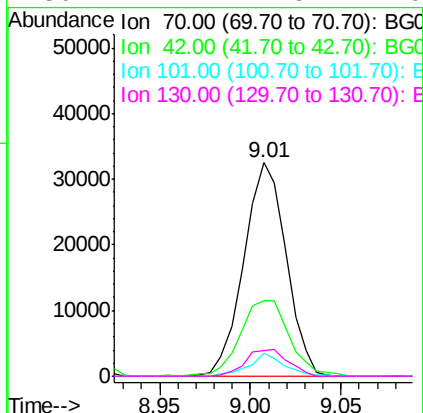
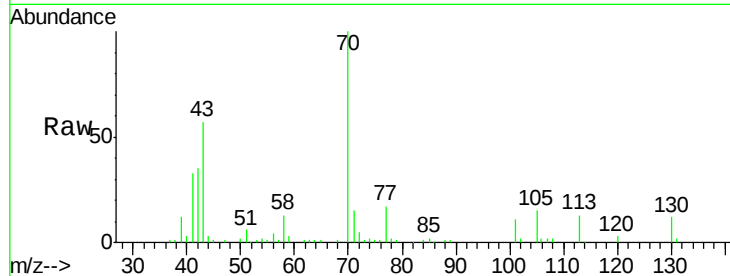




#15  
N-Nitroso-di-n-propylamine  
Concen: 19.67 ng/ul  
RT: 9.01 min Scan# 1050  
Delta R.T. 0.00 min  
Lab File: BG019382.D  
Acq: 28 Oct 2015 15:33

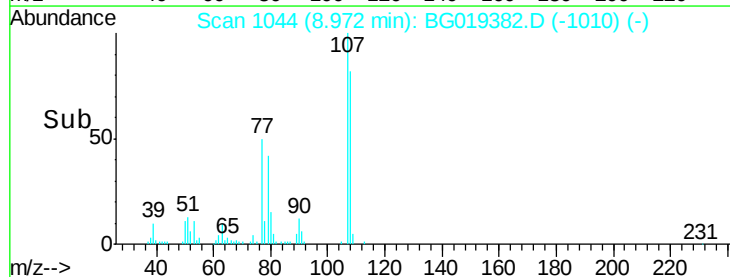
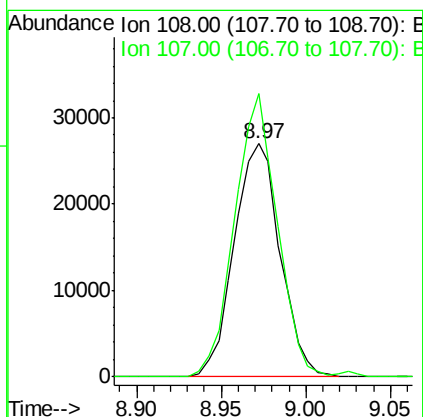
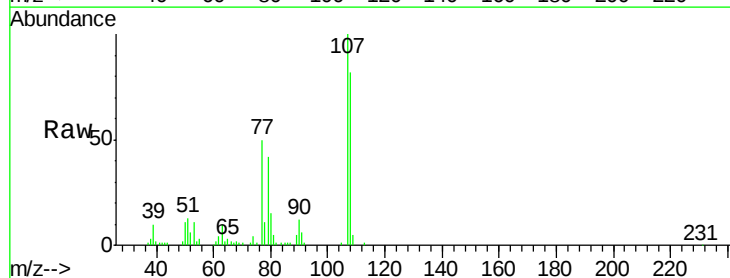
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02016

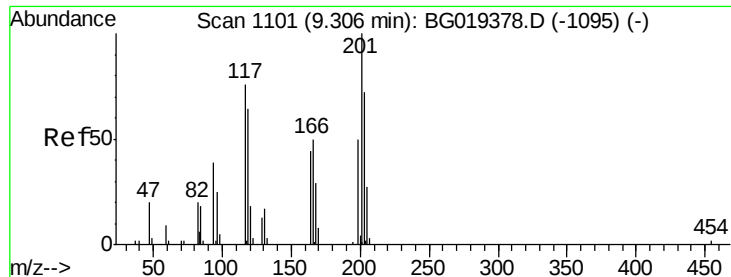
Tot Ion: 70 Resp: 52764  
Ion Ratio Lower Upper  
70 100  
42 35.1 36.6 55.0#  
101 10.6 5.8 8.8#  
130 12.2 14.6 22.0#



#16  
4-Methylphenol  
Concen: 19.41 ng/ul  
RT: 8.97 min Scan# 1044  
Delta R.T. 0.00 min  
Lab File: BG019382.D  
Acq: 28 Oct 2015 15:33

Tgt Ion: 108 Resp: 51130  
Ion Ratio Lower Upper  
108 100  
107 121.5 85.4 128.2

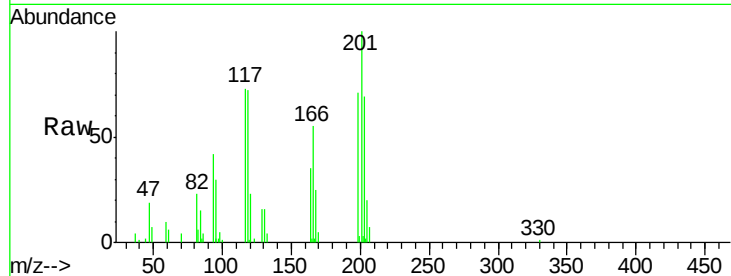




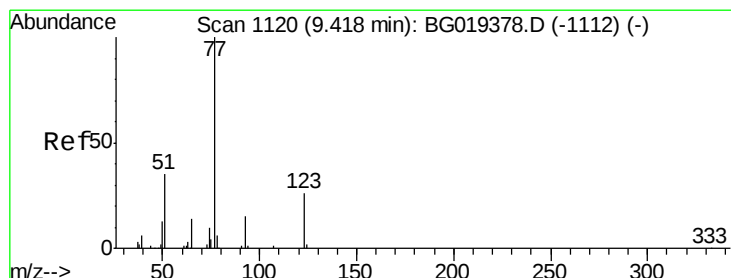
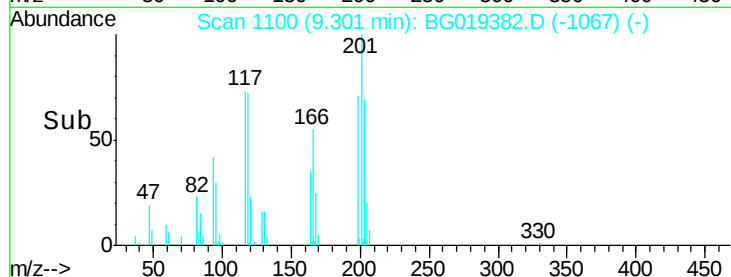
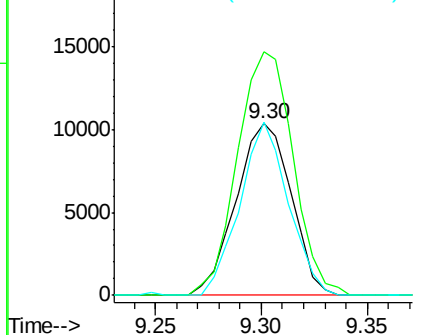
#17  
Hexachloroethane  
Concen: 18.33 ng/ul  
RT: 9.30 min Scan# 1100  
Delta R.T. -0.01 min  
Lab File: BG019382.D  
Acq: 28 Oct 2015 15:33

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02016

Tot Ion:117 Resp: 18829  
Ion Ratio Lower Upper  
117 100  
201 141.7 101.4 152.0  
199 101.1 71.7 107.5

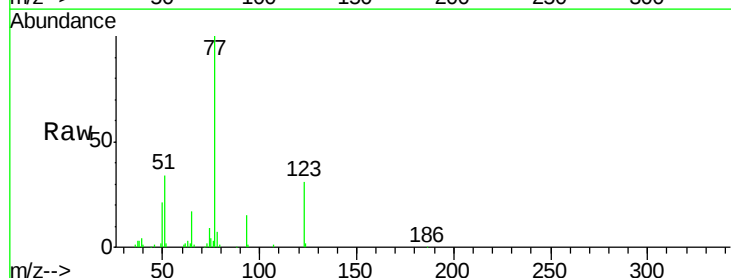


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 201.00 (200.70 to 201.70): E  
Ion 199.00 (198.70 to 199.70): E

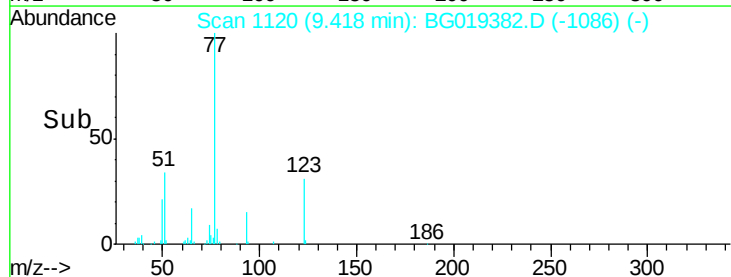
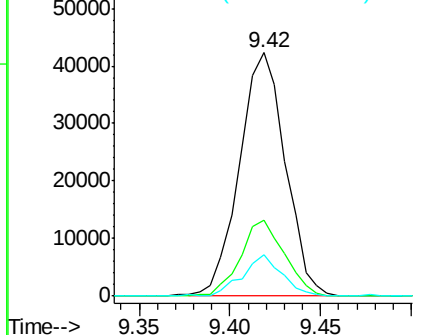


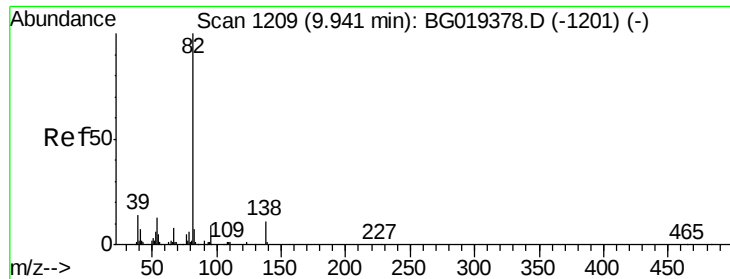
#20  
Nitrobenzene  
Concen: 19.67 ng/ul  
RT: 9.42 min Scan# 1120  
Delta R.T. 0.00 min  
Lab File: BG019382.D  
Acq: 28 Oct 2015 15:33

Tgt Ion: 77 Resp: 74324  
Ion Ratio Lower Upper  
77 100  
123 31.4 23.4 35.2  
65 17.2 11.6 17.4



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: 19.82 ng/ul

RT: 9.94 min Scan# 1209

Delta R.T. 0.00 min

Lab File: BG019382.D

Acq: 28 Oct 2015 15:33

Instrument :

BNA\_G

ClientSampleId :

SSTD02016

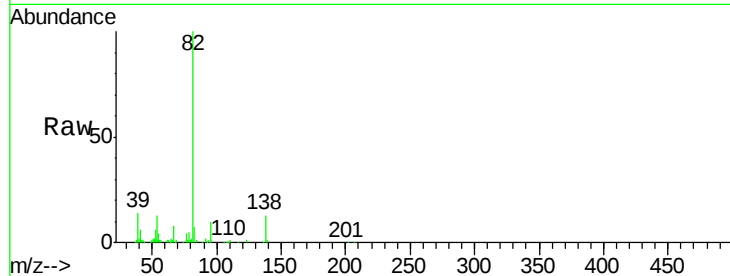
Tot Ion: 82 Resp: 135666

Ion Ratio Lower Upper

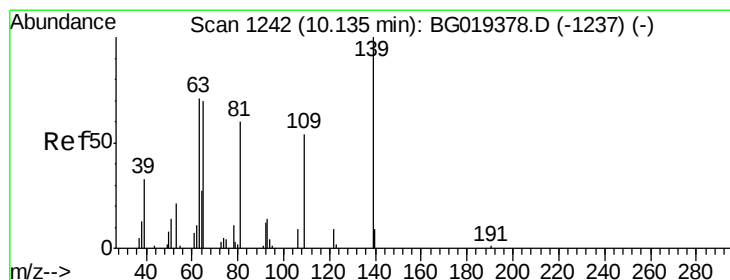
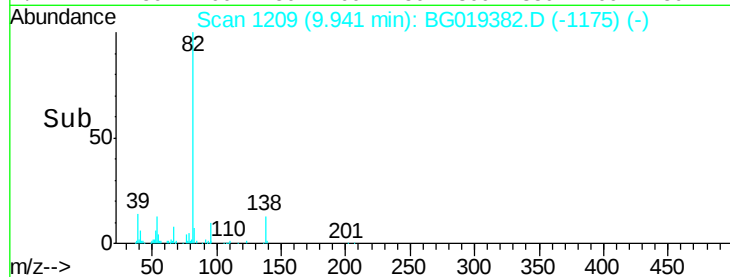
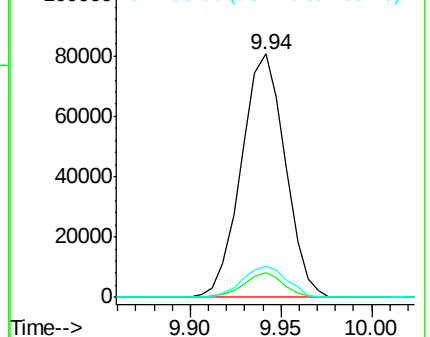
82 100

95 10.1 6.7 10.1

138 12.7 10.8 16.2



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



#23

2-Nitrophenol

Concen: 19.90 ng/ul

RT: 10.14 min Scan# 1242

Delta R.T. 0.00 min

Lab File: BG019382.D

Acq: 28 Oct 2015 15:33

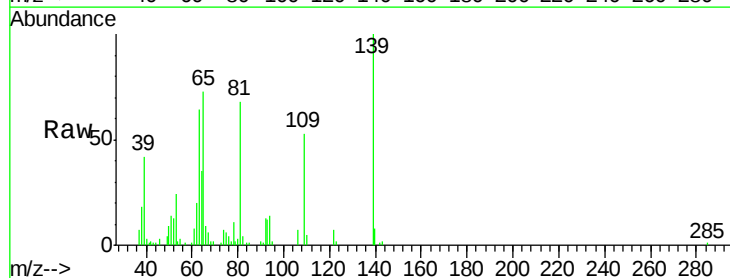
Tgt Ion: 139 Resp: 25923

Ion Ratio Lower Upper

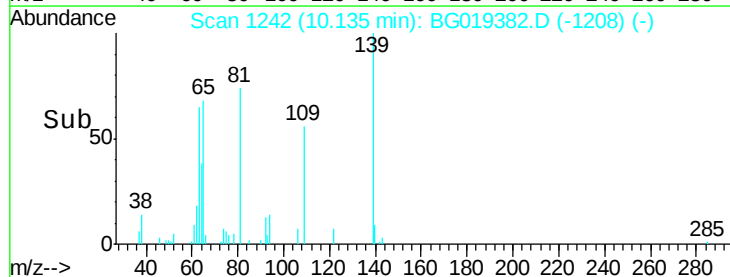
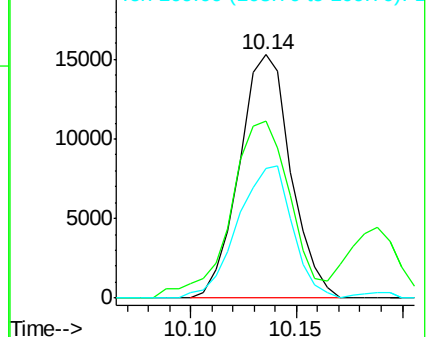
139 100

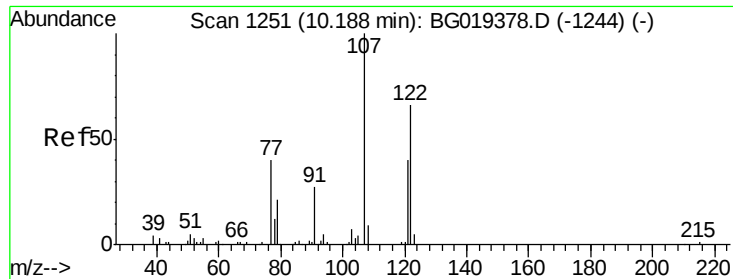
65 72.7 51.0 76.4

109 53.3 50.6 75.8



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

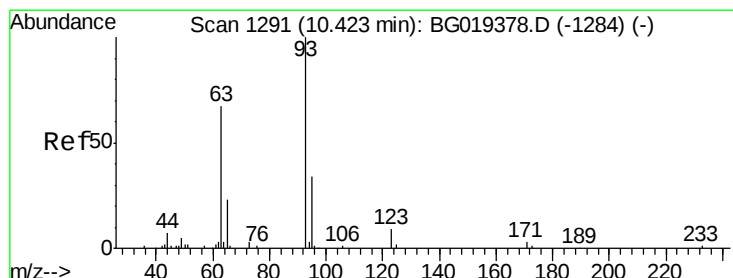
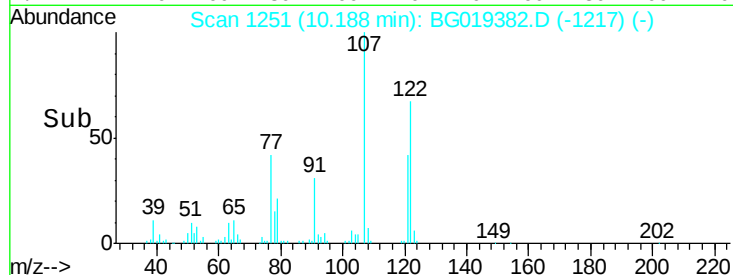
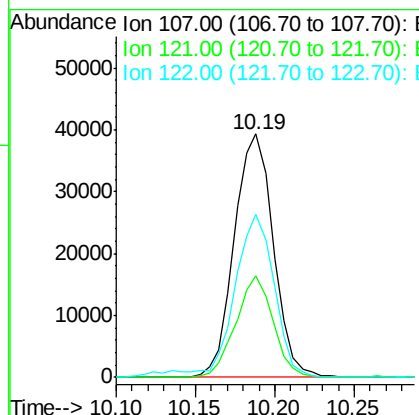
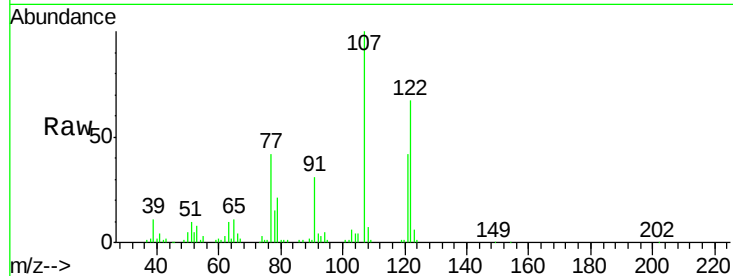




#24  
 2,4-Dimethylphenol  
 Concen: 19.75 ng/ul  
 RT: 10.19 min Scan# 1251  
 Delta R.T. 0.00 min  
 Lab File: BG019382.D  
 Acq: 28 Oct 2015 15:33

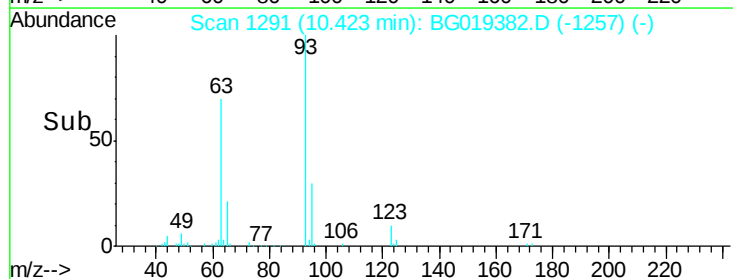
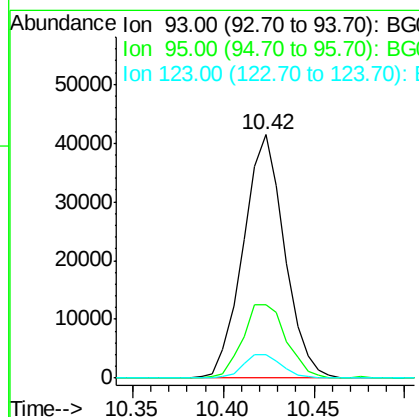
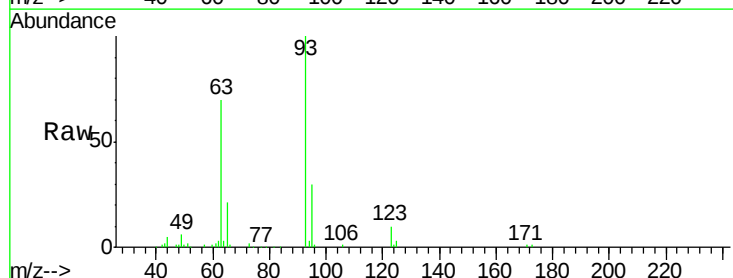
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02016

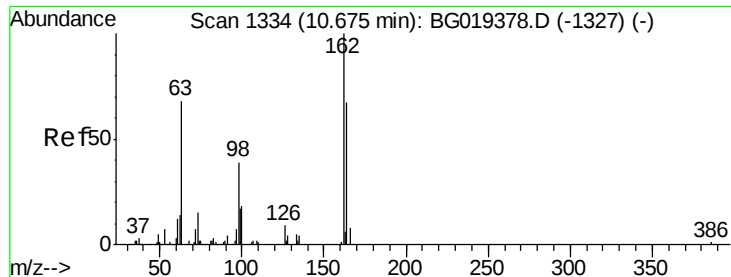
| Tot Ion   | 107  | Resp  | 67226 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 121       | 41.9 | 33.0  | 49.4  |
| 122       | 67.2 | 54.2  | 81.2  |



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 20.21 ng/ul  
 RT: 10.42 min Scan# 1291  
 Delta R.T. 0.00 min  
 Lab File: BG019382.D  
 Acq: 28 Oct 2015 15:33

| Tgt Ion   | 93   | Resp  | 65479 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 95        | 30.4 | 26.1  | 39.1  |
| 123       | 9.6  | 8.2   | 12.2  |

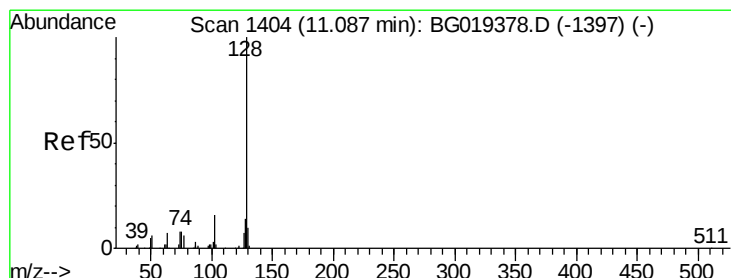
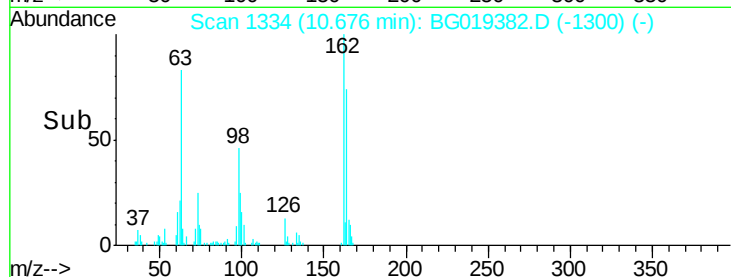
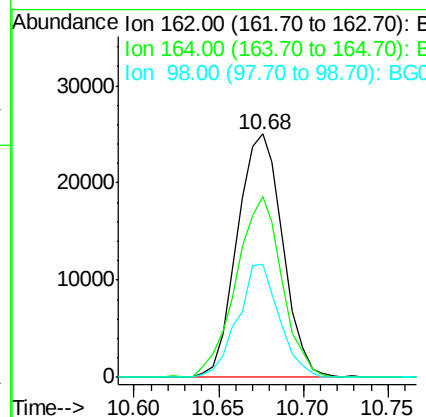
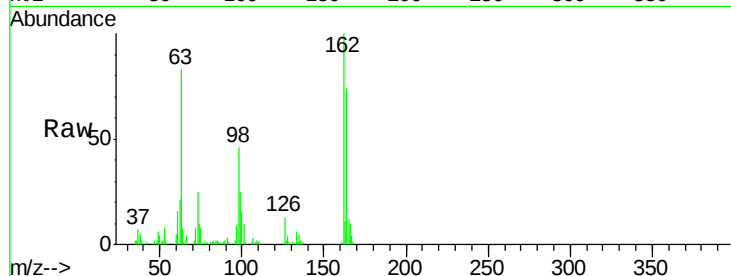




#27  
 2,4-Dichlorophenol  
 Concen: 19.64 ng/ul  
 RT: 10.68 min Scan# 1334  
 Delta R.T. 0.00 min  
 Lab File: BG019382.D  
 Acq: 28 Oct 2015 15:33

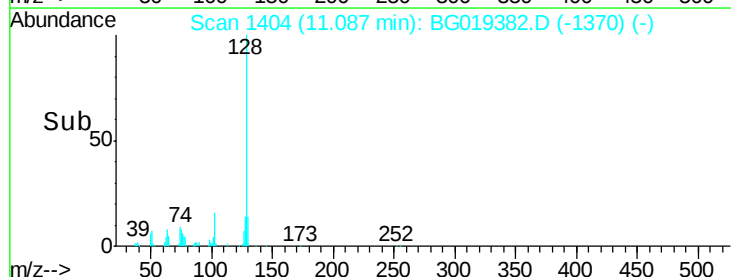
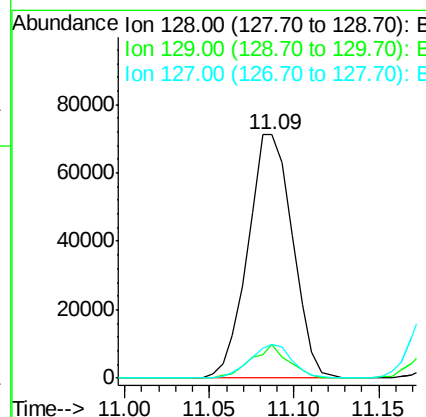
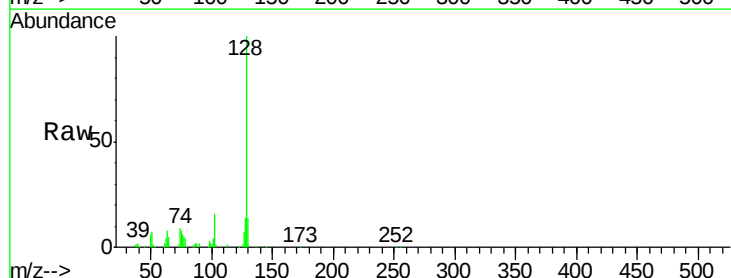
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02016

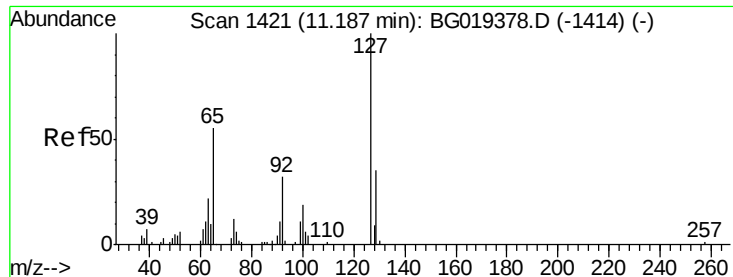
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 74.3  | 52.1  | 78.1  |
| 98      | 46.2  | 26.9  | 40.3  |



#28  
 Naphthalene  
 Concen: 19.93 ng/ul  
 RT: 11.09 min Scan# 1404  
 Delta R.T. 0.00 min  
 Lab File: BG019382.D  
 Acq: 28 Oct 2015 15:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 13.9  | 8.9   | 13.3  |
| 127     | 13.7  | 13.1  | 19.7  |

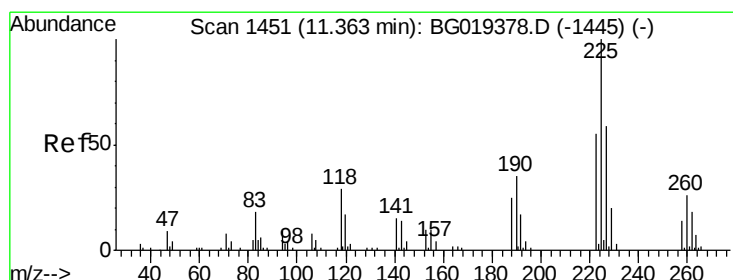
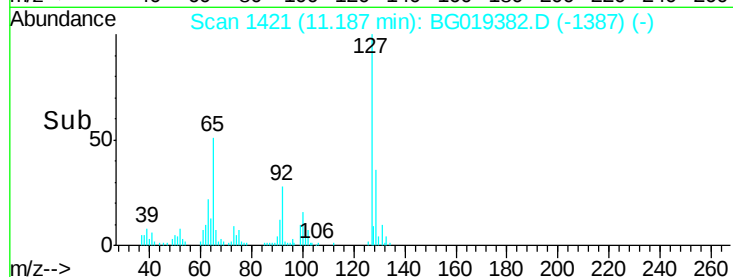
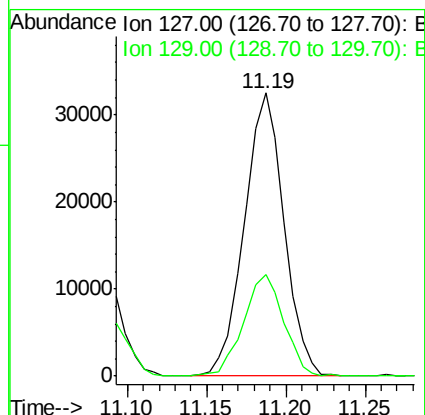
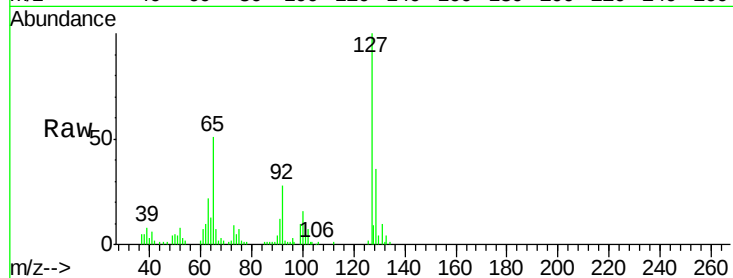




#30  
4-Chloroaniline  
Concen: 21.40 ng/ul  
RT: 11.19 min Scan# 1421  
Delta R.T. 0.00 min  
Lab File: BG019382.D  
Acq: 28 Oct 2015 15:33

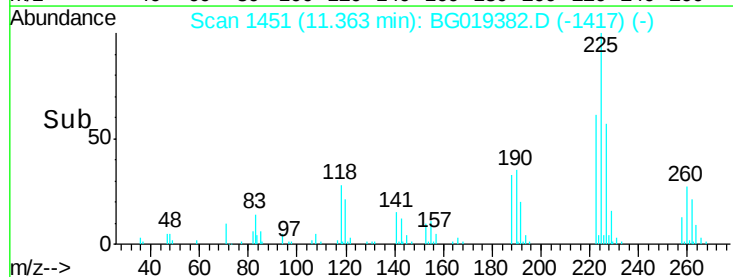
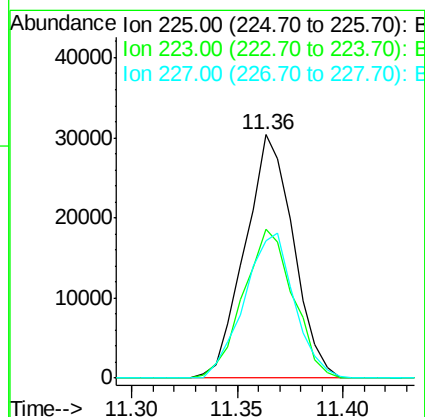
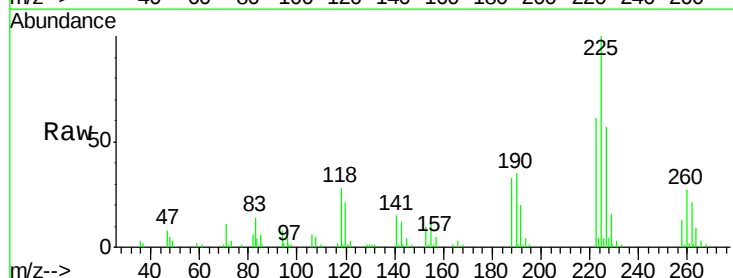
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02016

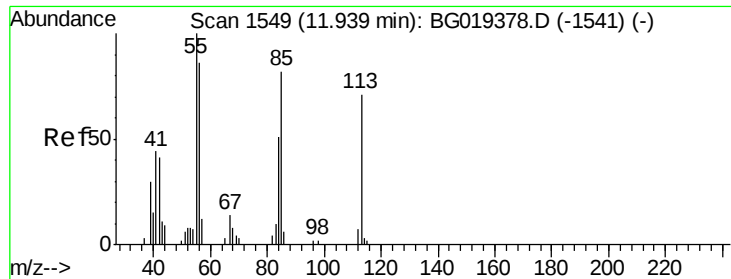
Tot Ion:127 Resp: 56479  
Ion Ratio Lower Upper  
127 100  
129 36.1 24.6 36.8



#31  
Hexachlorobutadiene  
Concen: 19.85 ng/ul  
RT: 11.36 min Scan# 1451  
Delta R.T. 0.00 min  
Lab File: BG019382.D  
Acq: 28 Oct 2015 15:33

Tgt Ion:225 Resp: 48250  
Ion Ratio Lower Upper  
225 100  
223 58.6 56.2 84.2  
227 54.4 51.3 76.9





#32

Caprolactam

Concen: 21.27 ng/ul

RT: 11.93 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BG019382.D

Acq: 28 Oct 2015 15:33

Instrument :

BNA\_G

ClientSampleId :

SSTD02016

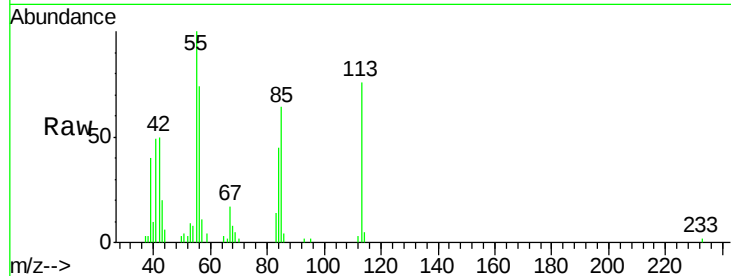
Tot Ion:113 Resp: 18132

Ion Ratio Lower Upper

113 100

55 131.7 93.1 139.7

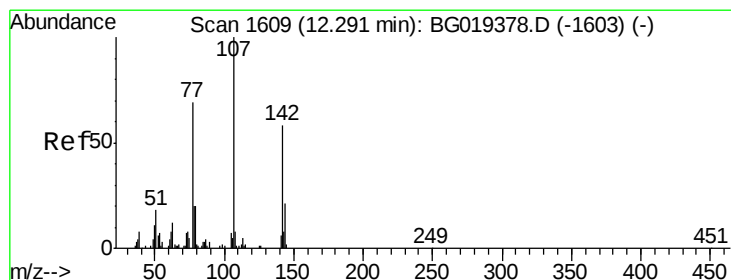
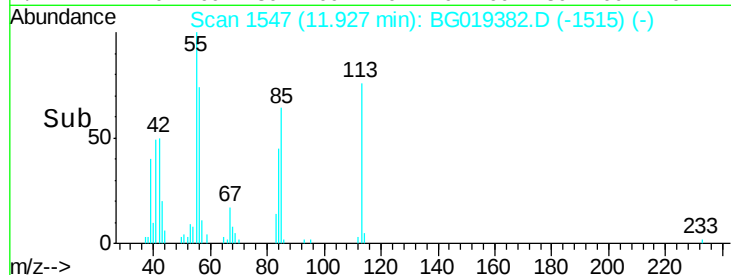
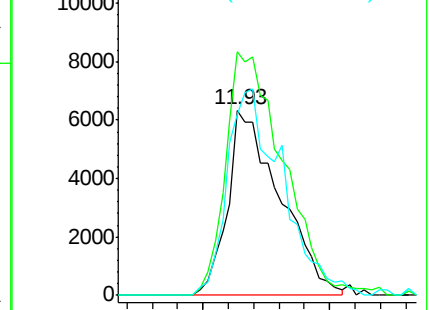
56 97.6 79.9 119.9



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: 19.65 ng/ul

RT: 12.30 min Scan# 1610

Delta R.T. 0.01 min

Lab File: BG019382.D

Acq: 28 Oct 2015 15:33

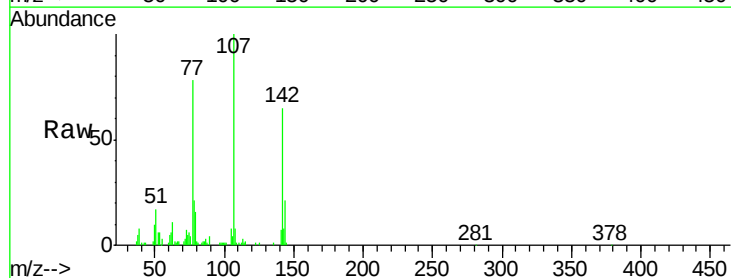
Tgt Ion:107 Resp: 62730

Ion Ratio Lower Upper

107 100

144 21.3 13.0 19.6#

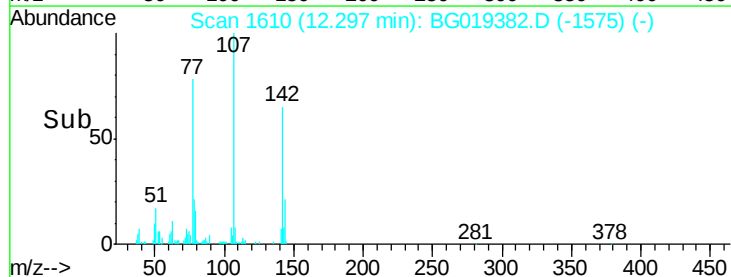
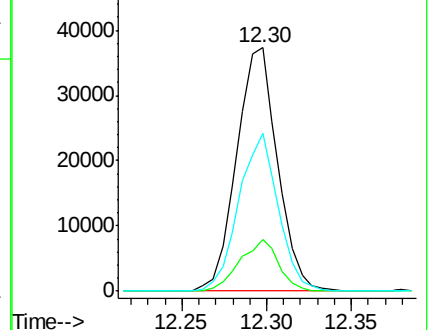
142 64.7 47.0 70.6

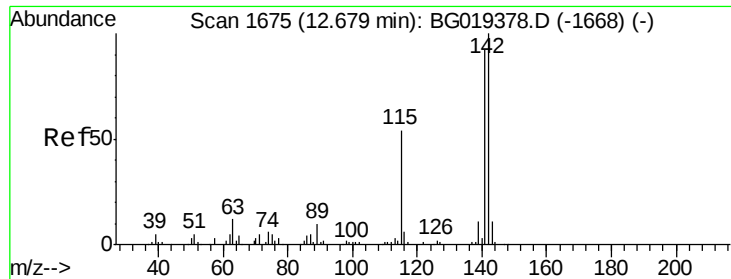


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

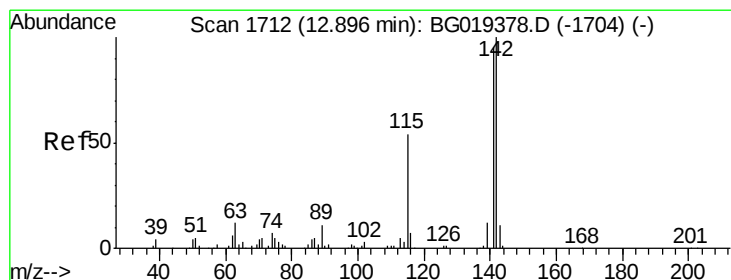
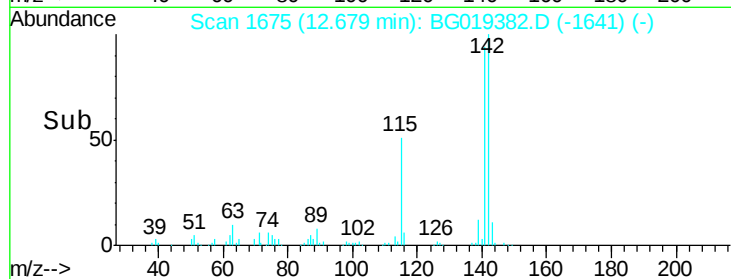
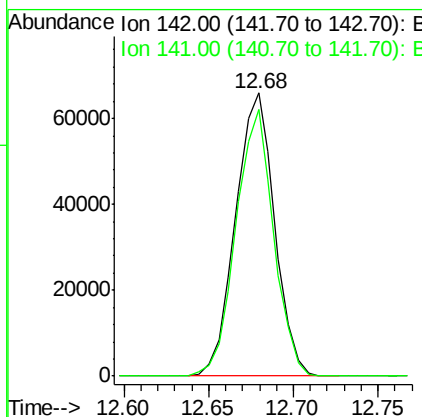
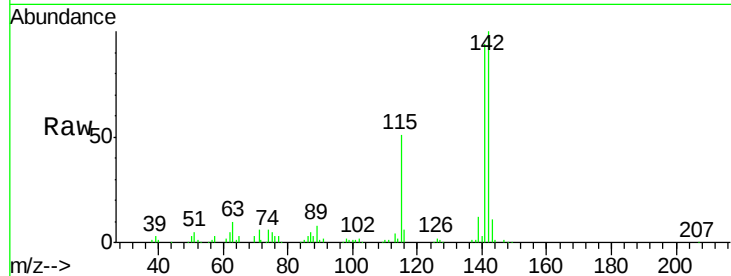




#34  
 2-Methylnaphthalene  
 Concen: 20.00 ng/ul  
 RT: 12.68 min Scan# 1675  
 Delta R.T. 0.00 min  
 Lab File: BG019382.D  
 Acq: 28 Oct 2015 15:33

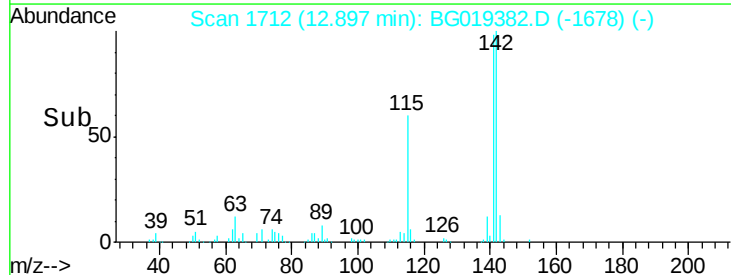
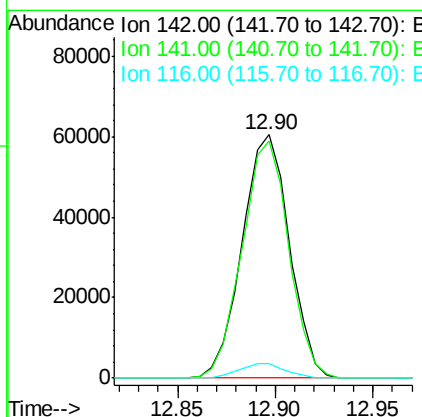
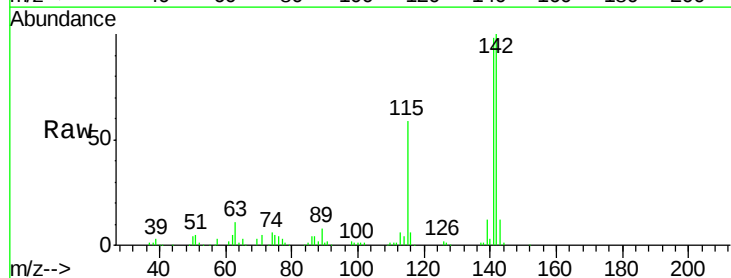
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02016

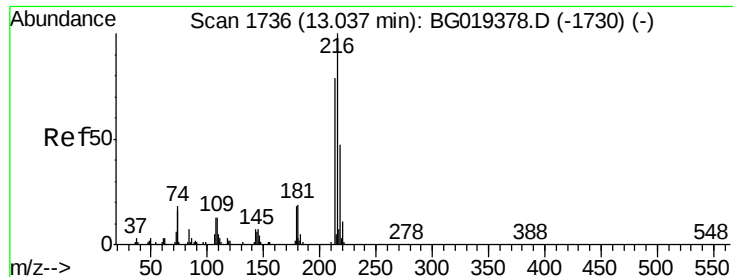
Tot Ion:142 Resp: 105744  
 Ion Ratio Lower Upper  
 142 100  
 141 94.1 73.4 110.2



#35  
 1-Methylnaphthalene  
 Concen: 20.22 ng/ul  
 RT: 12.90 min Scan# 1712  
 Delta R.T. 0.00 min  
 Lab File: BG019382.D  
 Acq: 28 Oct 2015 15:33

Tgt Ion:142 Resp: 101139  
 Ion Ratio Lower Upper  
 142 100  
 141 97.6 76.5 114.7  
 116 5.9 5.4 8.0





#37

1,2,4,5-Tetrachlorobenzene

Concen: 20.92 ng/ul

RT: 13.04 min Scan# 1736

Delta R.T. 0.00 min

Lab File: BG019382.D

Acq: 28 Oct 2015 15:33

Instrument :

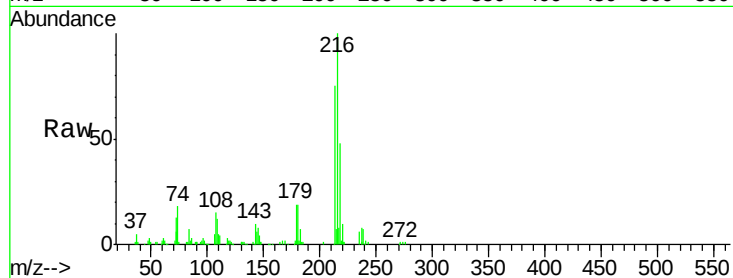
BNA\_G

ClientSampleId :

SSTD02016

Tot Ion:216 Resp: 89256

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 75.5  | 62.2  | 93.2  |
| 179 | 19.3  | 18.7  | 28.1  |
| 108 | 15.0  | 12.2  | 18.4  |

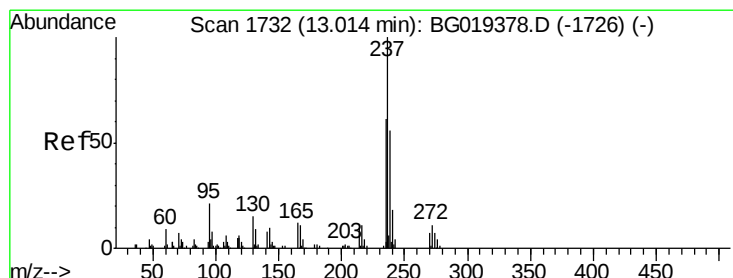
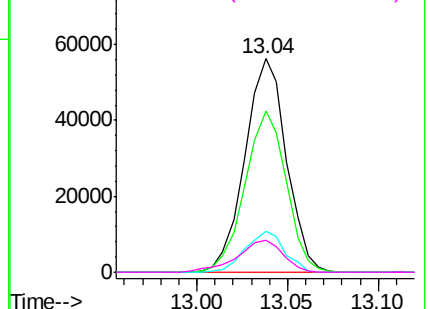
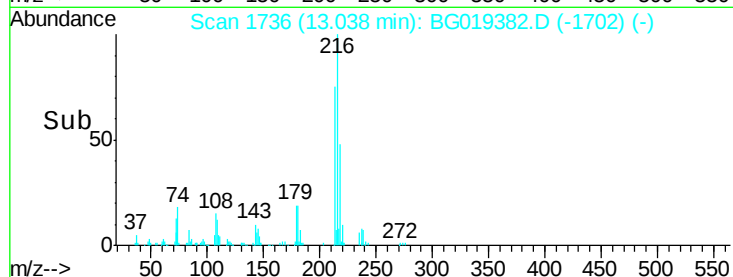


Abundance Ion 216.00 (215.70 to 216.70): E

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: 20.02 ng/ul

RT: 13.01 min Scan# 1732

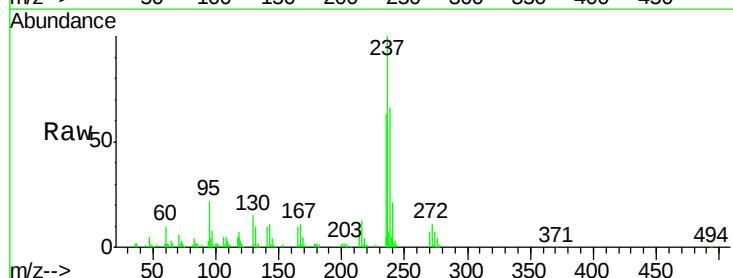
Delta R.T. 0.00 min

Lab File: BG019382.D

Acq: 28 Oct 2015 15:33

Tgt Ion:237 Resp: 63371

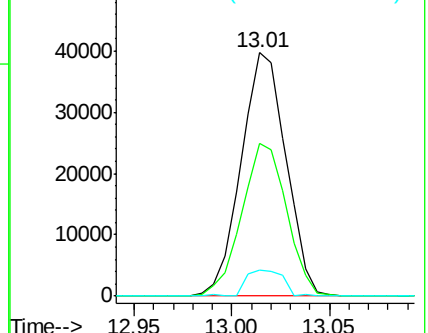
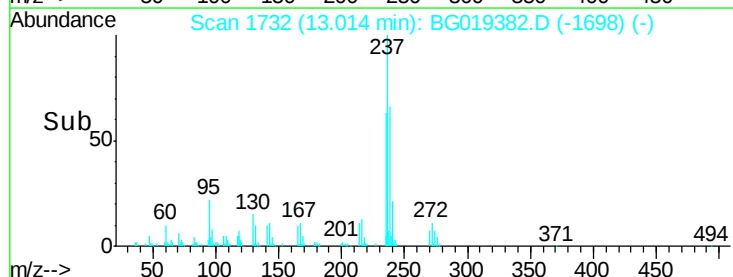
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 237 | 100   |       |       |
| 235 | 62.8  | 51.0  | 76.6  |
| 272 | 10.7  | 10.1  | 15.1  |

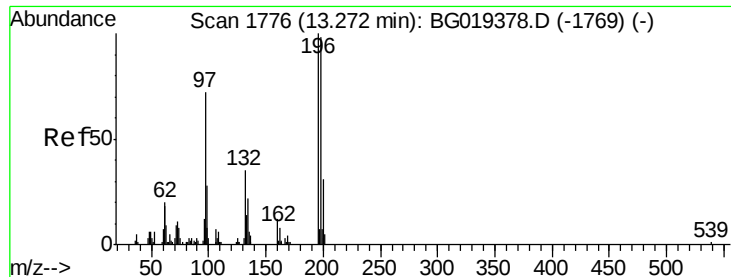


Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E

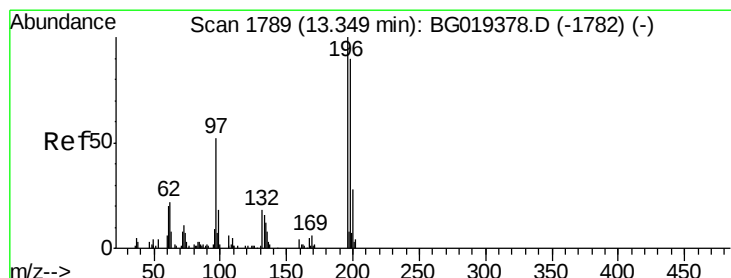
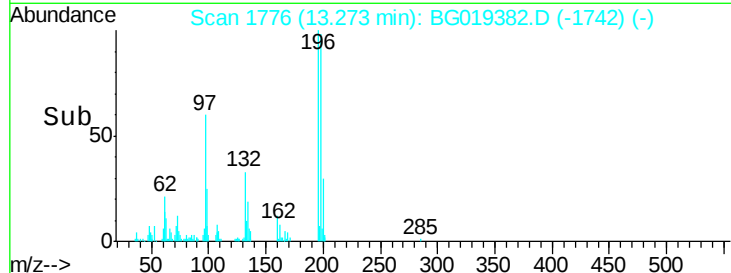
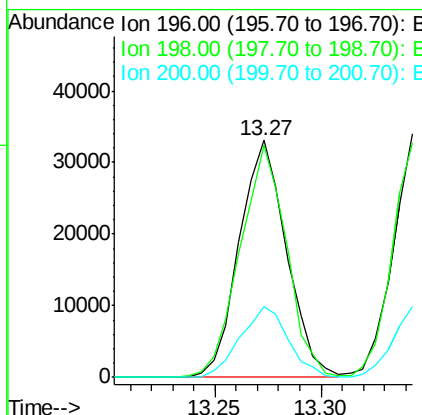
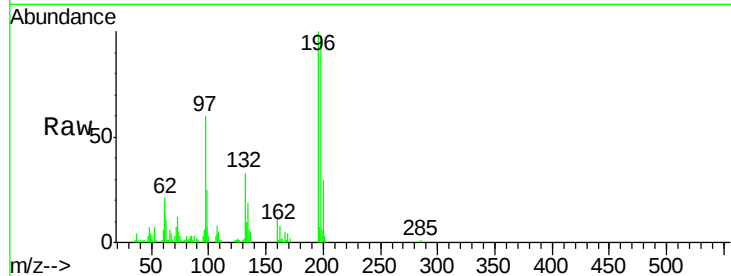




#39  
 2,4,6-Trichlorophenol  
 Concen: 20.38 ng/ul  
 RT: 13.27 min Scan# 1776  
 Delta R.T. 0.00 min  
 Lab File: BG019382.D  
 Acq: 28 Oct 2015 15:33

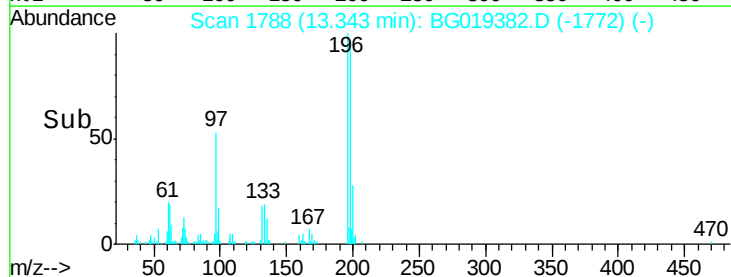
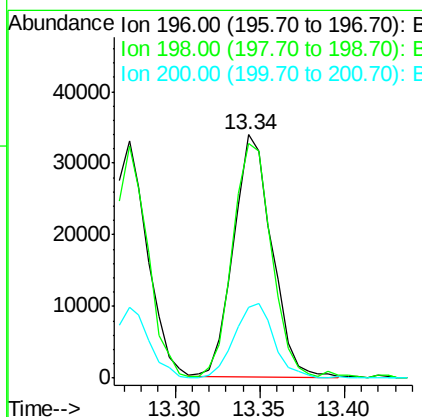
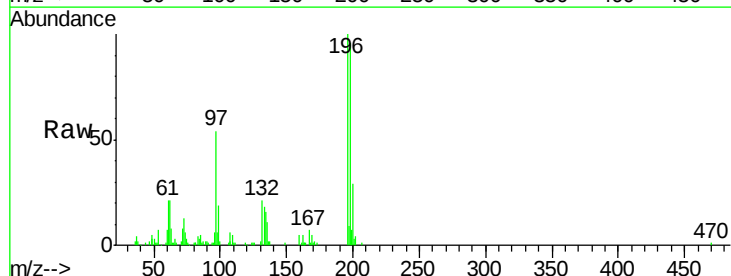
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST02016

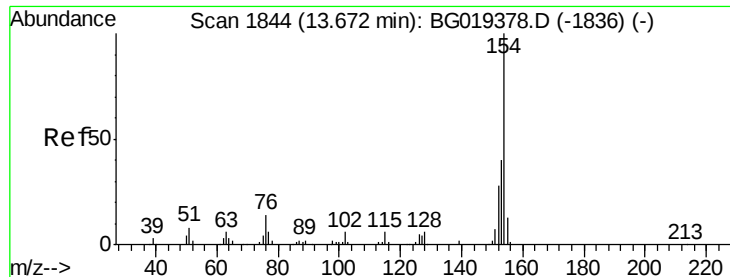
Tot Ion:196 Resp: 51406  
 Ion Ratio Lower Upper  
 196 100  
 198 97.8 69.4 104.2  
 200 29.7 25.4 38.0



#40  
 2,4,5-Trichlorophenol  
 Concen: 19.29 ng/ul  
 RT: 13.34 min Scan# 1788  
 Delta R.T. -0.01 min  
 Lab File: BG019382.D  
 Acq: 28 Oct 2015 15:33

Tgt Ion:196 Resp: 53394  
 Ion Ratio Lower Upper  
 196 100  
 198 96.2 75.8 113.8  
 200 29.2 22.6 33.8

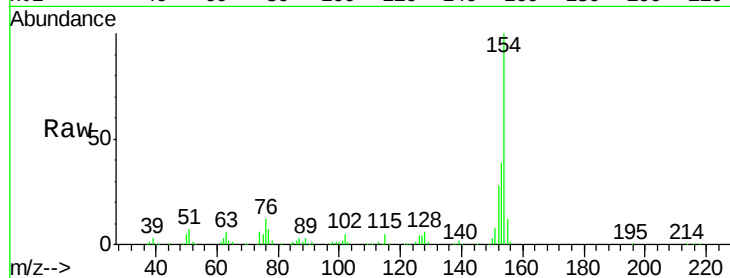




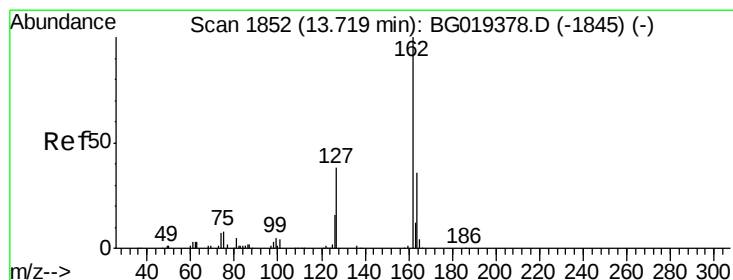
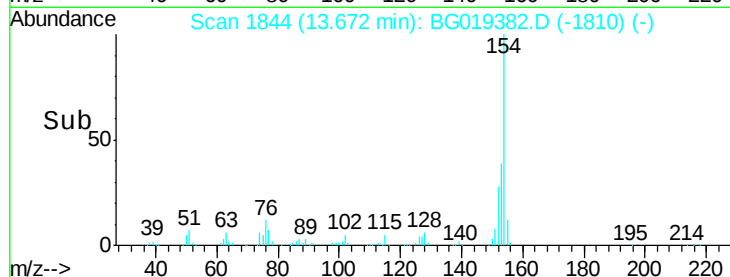
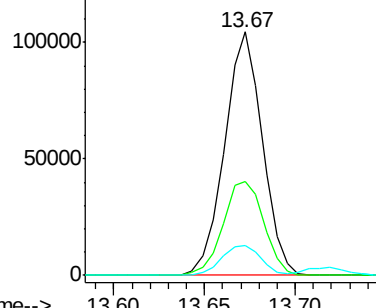
#41  
 1,1'-Biphenyl  
 Concen: 20.68 ng/ul  
 RT: 13.67 min Scan# 1844  
 Delta R.T. 0.00 min  
 Lab File: BG019382.D  
 Acq: 28 Oct 2015 15:33

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02016

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 38.5  | 32.8  | 49.2  |
| 76      | 12.0  | 7.7   | 11.5  |

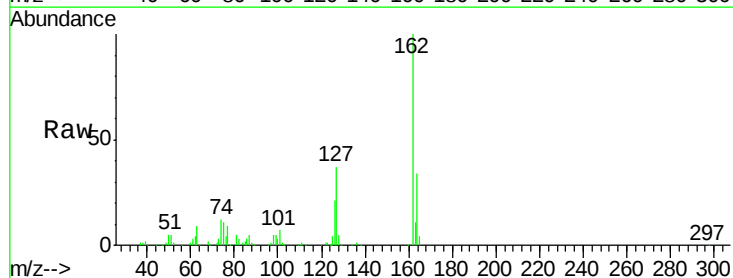


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BGC

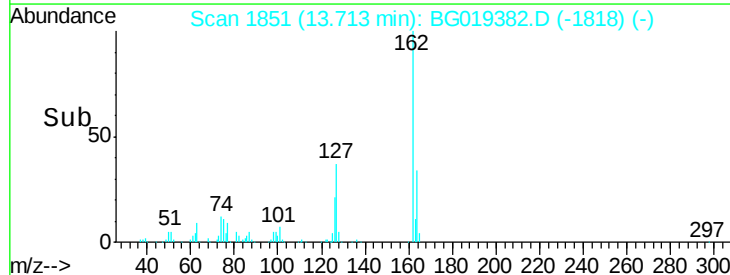
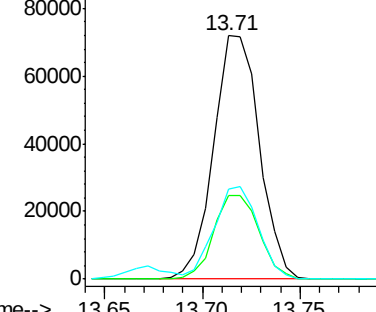


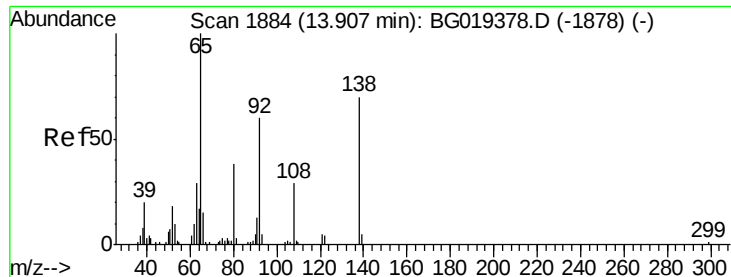
#42  
 2-Chloronaphthalene  
 Concen: 20.49 ng/ul  
 RT: 13.71 min Scan# 1851  
 Delta R.T. -0.01 min  
 Lab File: BG019382.D  
 Acq: 28 Oct 2015 15:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 34.1  | 30.1  | 45.1  |
| 127     | 37.2  | 32.8  | 49.2  |



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: 20.82 ng/ul

RT: 13.91 min Scan# 1885

Delta R.T. 0.01 min

Lab File: BG019382.D

Acq: 28 Oct 2015 15:33

Instrument :

BNA\_G

ClientSampleId :

SSTD02016

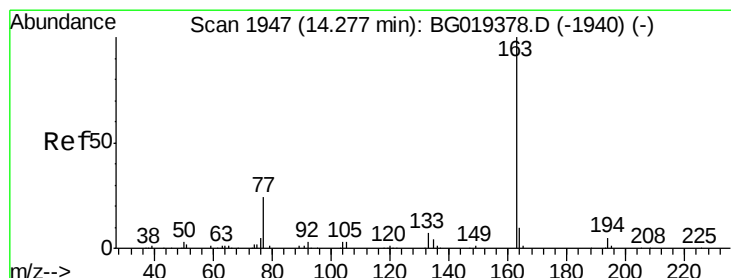
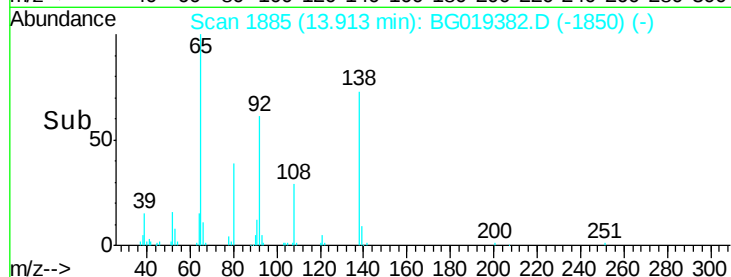
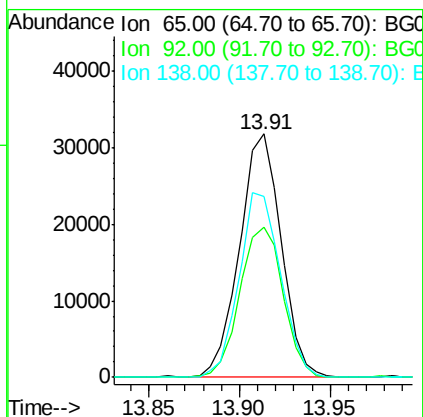
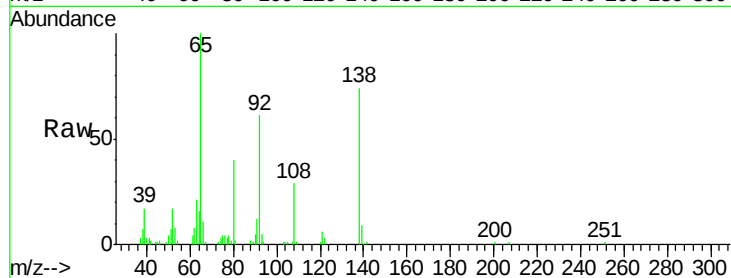
Tot Ion: 65 Resp: 50815

Ion Ratio Lower Upper

65 100

92 61.5 54.9 82.3

138 74.1 64.4 96.6



#45

Dimethylphthalate

Concen: 19.73 ng/ul

RT: 14.28 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BG019382.D

Acq: 28 Oct 2015 15:33

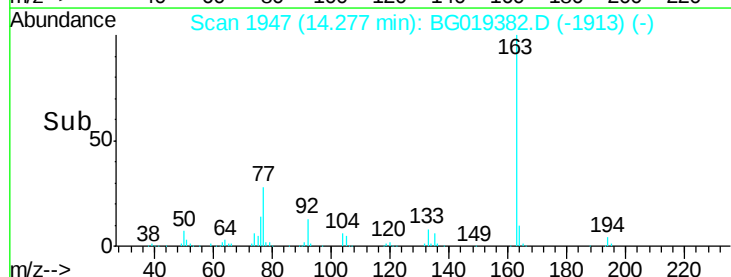
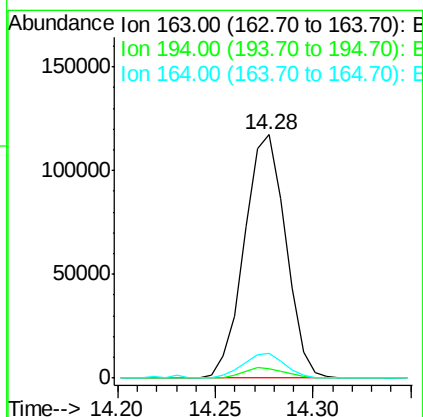
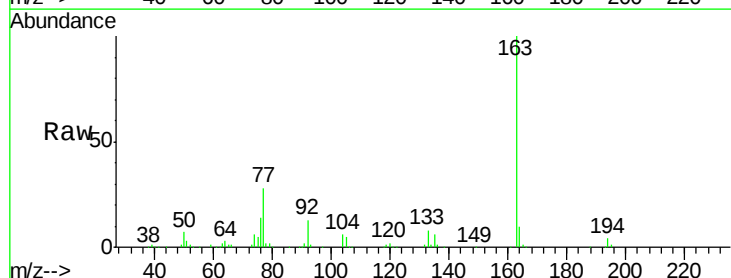
Tgt Ion: 163 Resp: 172203

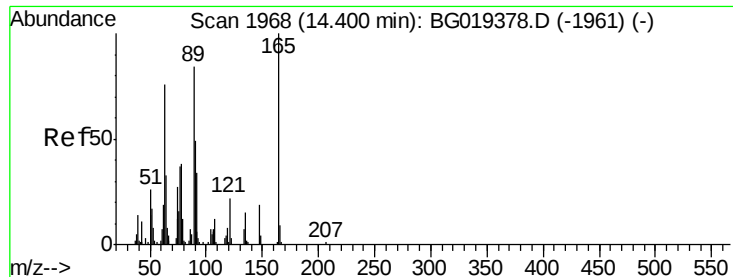
Ion Ratio Lower Upper

163 100

194 4.1 4.3 6.5#

164 10.4 7.5 11.3

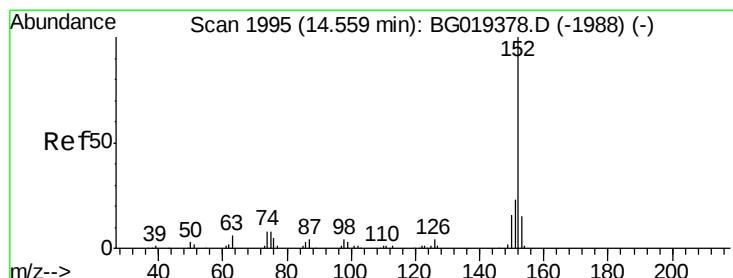
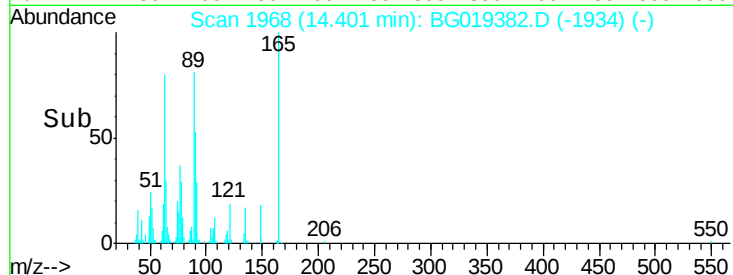
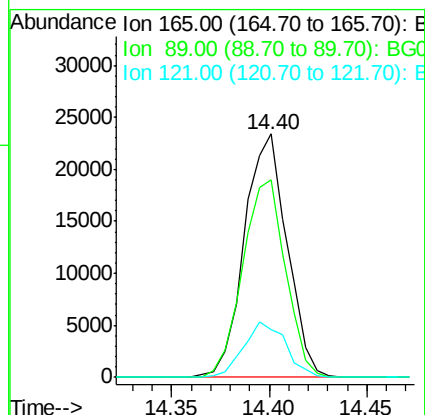
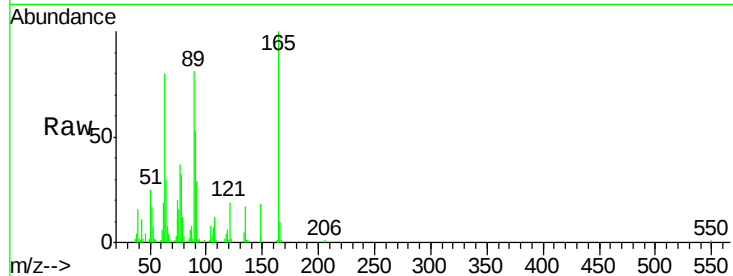




#46  
2,6-Dinitrotoluene  
Concen: 20.02 ng/ul  
RT: 14.40 min Scan# 1968  
Delta R.T. 0.00 min  
Lab File: BG019382.D  
Acq: 28 Oct 2015 15:33

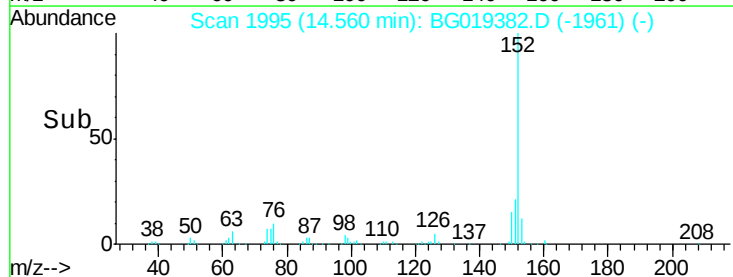
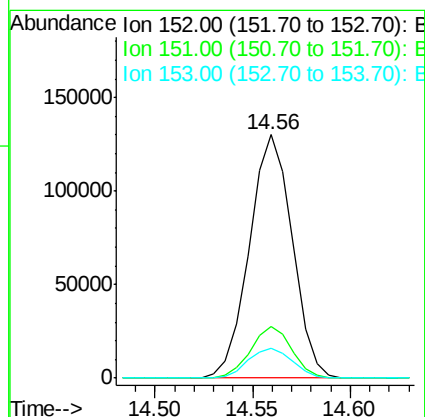
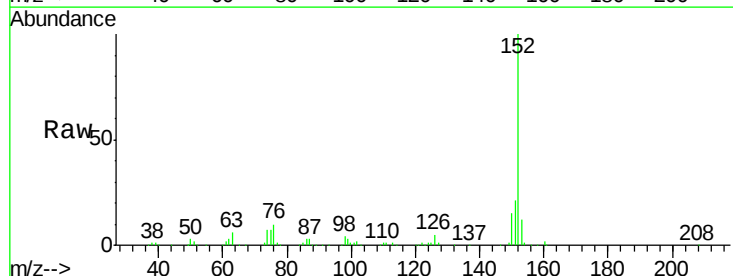
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02016

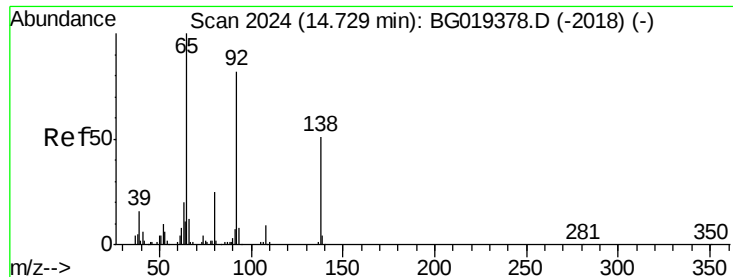
Tot Ion:165 Resp: 35366  
Ion Ratio Lower Upper  
165 100  
89 80.9 66.7 100.1  
121 19.4 17.0 25.4



#48  
Acenaphthylene  
Concen: 20.43 ng/ul  
RT: 14.56 min Scan# 1995  
Delta R.T. 0.00 min  
Lab File: BG019382.D  
Acq: 28 Oct 2015 15:33

Tgt Ion:152 Resp: 197839  
Ion Ratio Lower Upper  
152 100  
151 21.0 16.9 25.3  
153 12.4 10.8 16.2

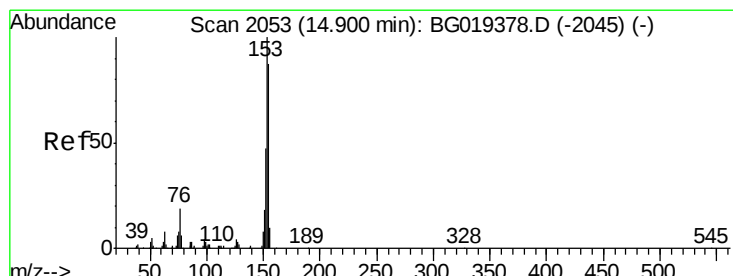
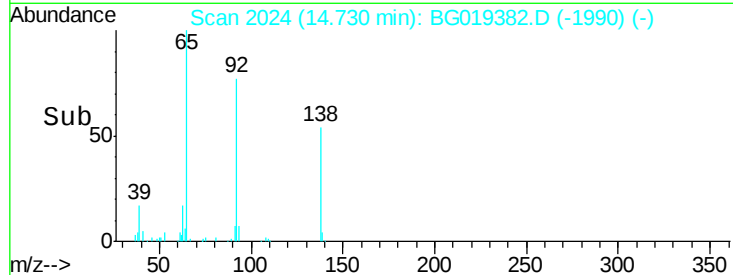
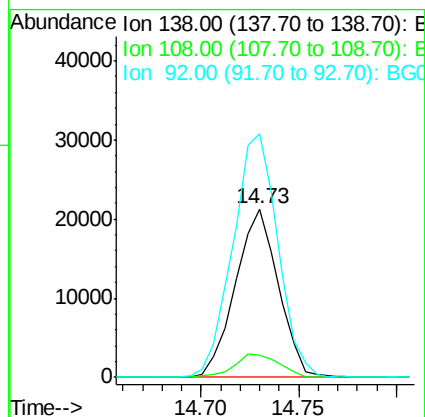
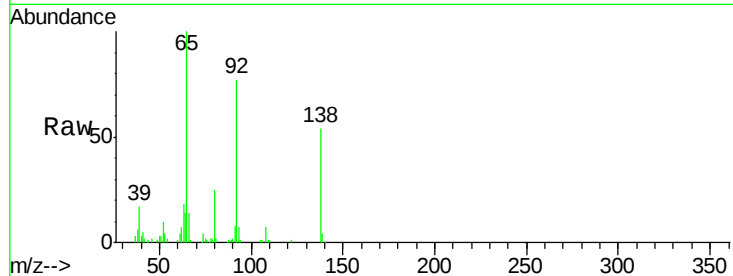




#49  
3-Nitroaniline  
Concen: 21.29 ng/ul  
RT: 14.73 min Scan# 2024  
Delta R.T. 0.00 min  
Lab File: BG019382.D  
Acq: 28 Oct 2015 15:33

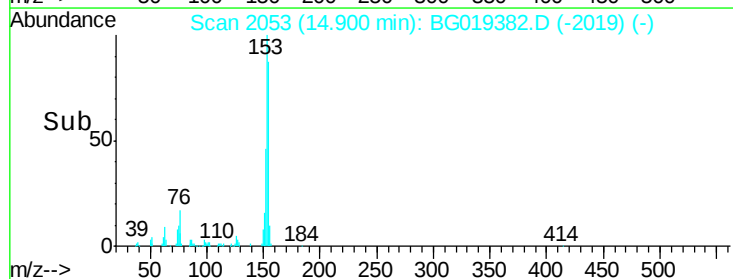
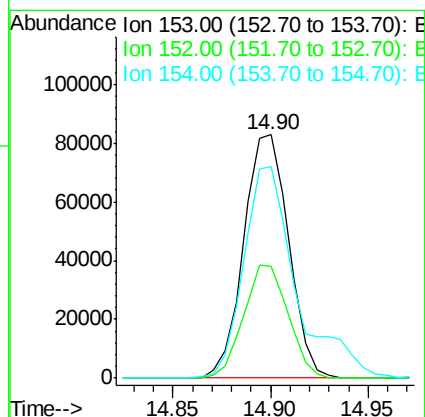
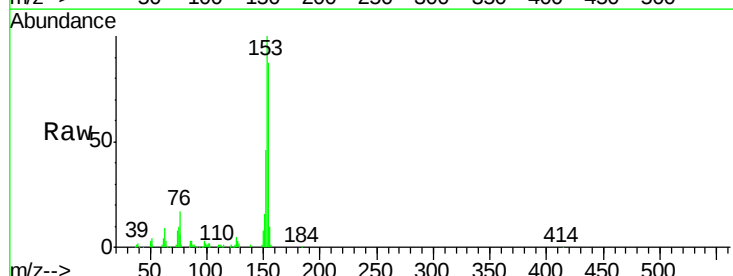
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02016

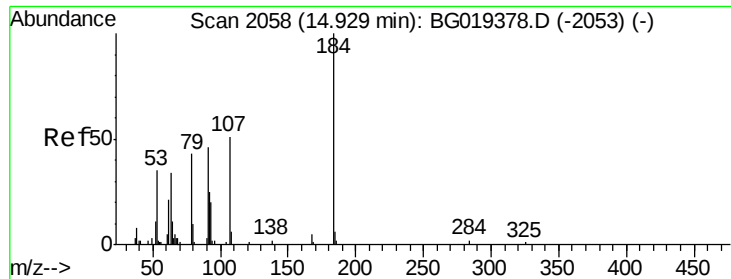
Tot Ion:138 Resp: 32366  
Ion Ratio Lower Upper  
138 100  
108 13.5 11.7 17.5  
92 144.5 115.9 173.9



#50  
Acenaphthene  
Concen: 20.17 ng/ul  
RT: 14.90 min Scan# 2053  
Delta R.T. 0.00 min  
Lab File: BG019382.D  
Acq: 28 Oct 2015 15:33

Tgt Ion:153 Resp: 131853  
Ion Ratio Lower Upper  
153 100  
152 45.9 38.8 58.2  
154 86.7 71.5 107.3

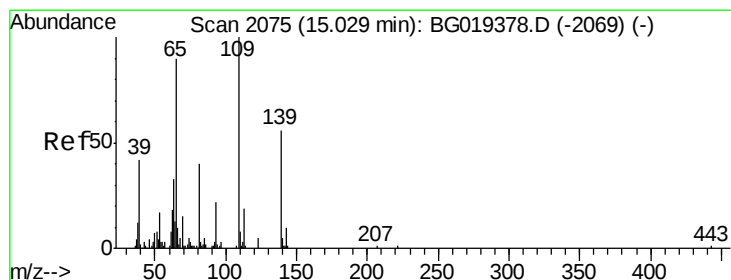
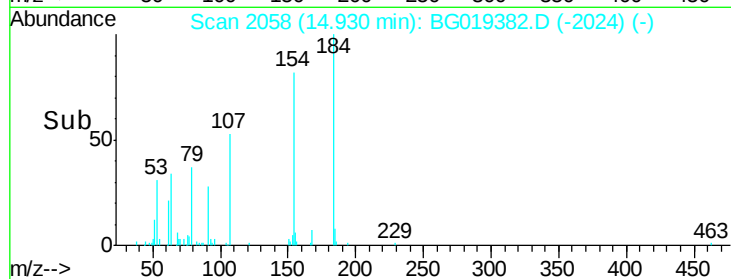
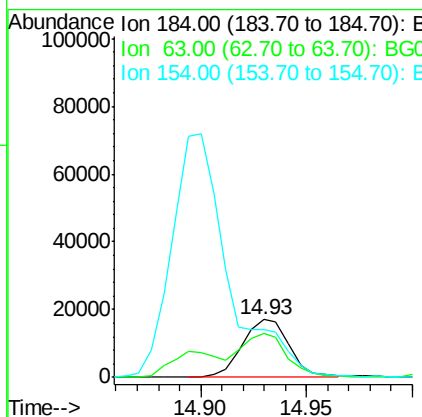
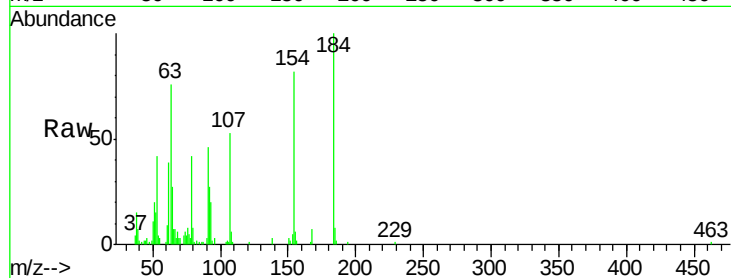




#51  
 2,4-Dinitrophenol  
 Concen: 19.90 ng/ul  
 RT: 14.93 min Scan# 2058  
 Delta R.T. 0.00 min  
 Lab File: BG019382.D  
 Acq: 28 Oct 2015 15:33

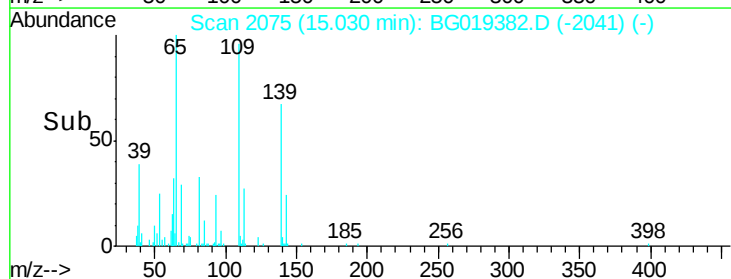
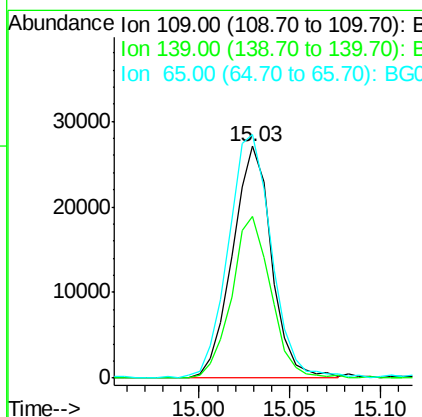
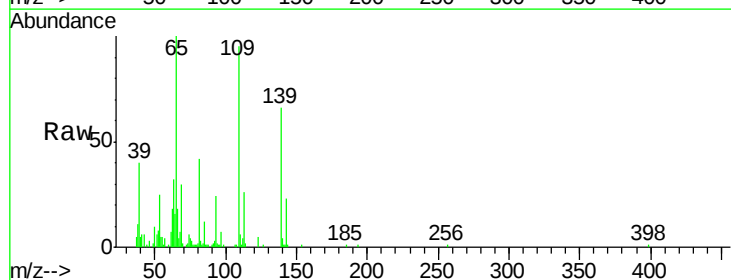
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST02016

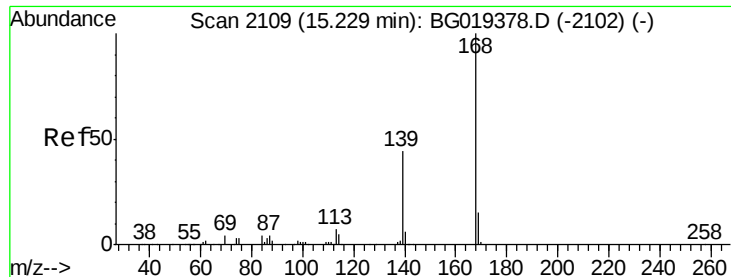
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 75.6  | 52.6  | 78.8  |
| 154     | 82.1  | 66.1  | 99.1  |



#53  
 4-Nitrophenol  
 Concen: 19.22 ng/ul  
 RT: 15.03 min Scan# 2075  
 Delta R.T. 0.00 min  
 Lab File: BG019382.D  
 Acq: 28 Oct 2015 15:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 109     | 100   |       |       |
| 139     | 69.6  | 41.5  | 62.3# |
| 65      | 105.0 | 73.7  | 110.5 |





#54

Dibenzofuran

Concen: 20.16 ng/ul

RT: 15.23 min Scan# 2109

Delta R.T. 0.00 min

Lab File: BG019382.D

Acq: 28 Oct 2015 15:33

Instrument :

BNA\_G

ClientSampleId :

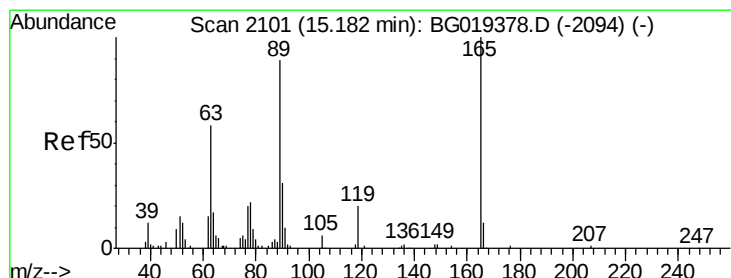
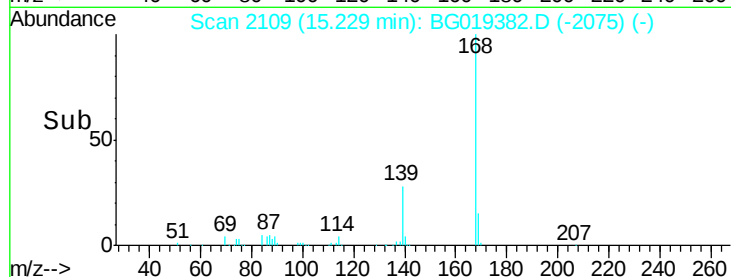
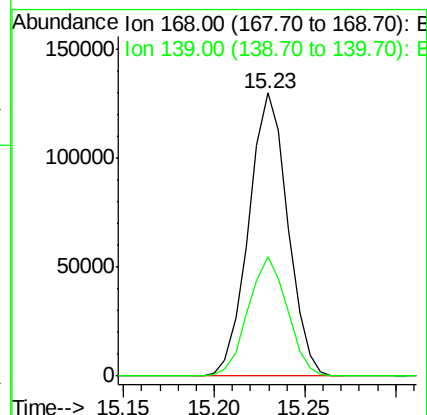
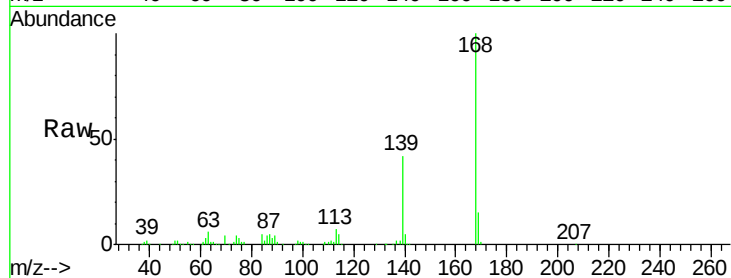
SSTD02016

Tot Ion:168 Resp: 194158

Ion Ratio Lower Upper

168 100

139 42.2 32.4 48.6



#55

2,4-Dinitrotoluene

Concen: 19.93 ng/ul

RT: 15.18 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BG019382.D

Acq: 28 Oct 2015 15:33

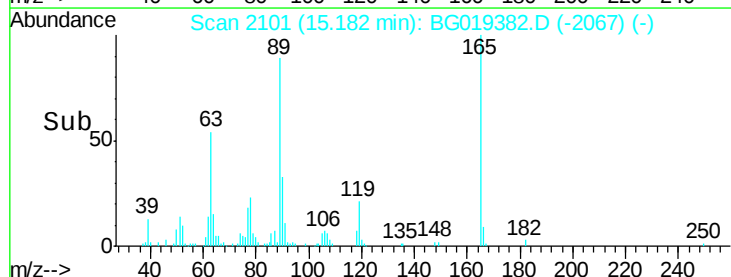
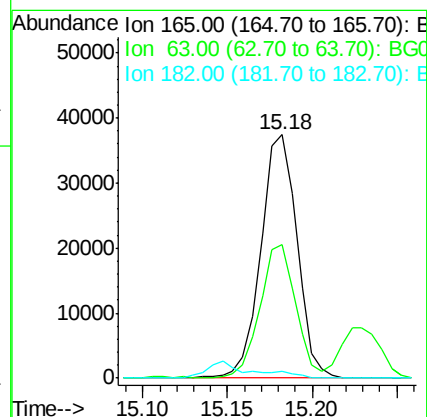
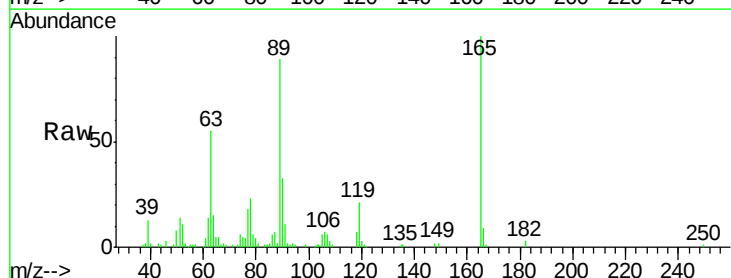
Tgt Ion:165 Resp: 55613

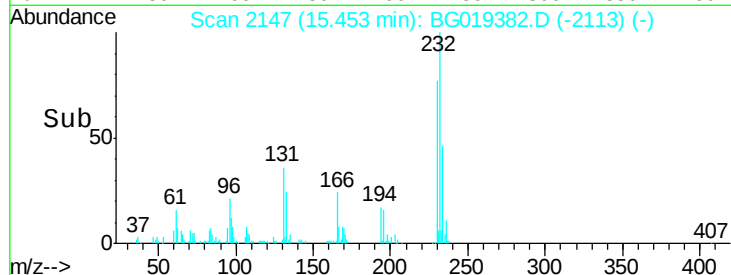
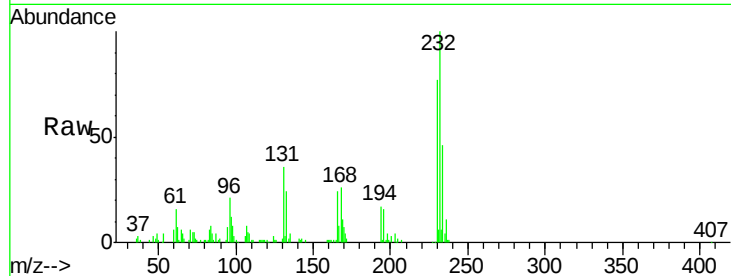
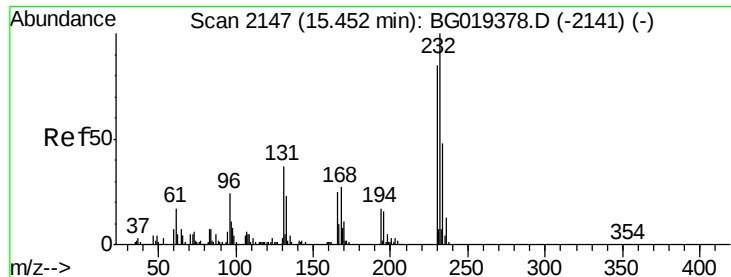
Ion Ratio Lower Upper

165 100

63 54.8 51.1 76.7

182 2.8 3.3 4.9#

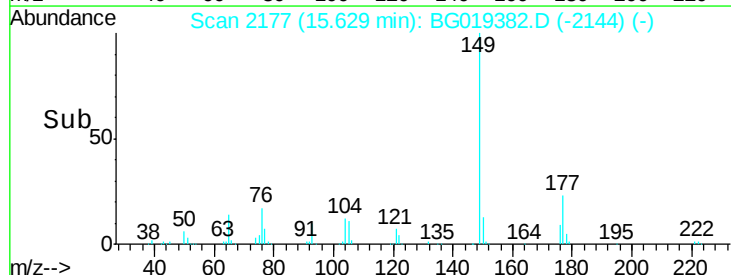
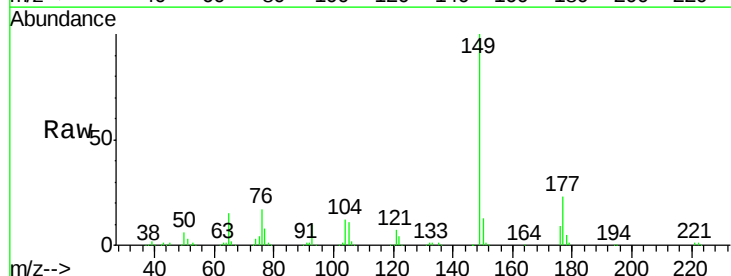
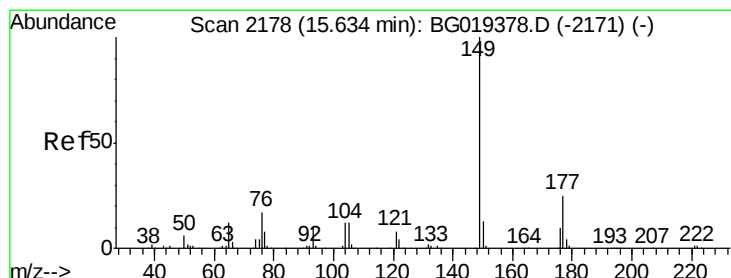
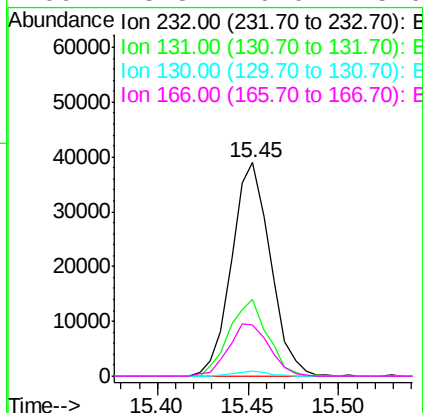




#56  
2,3,4,6-Tetrachlorophenol  
Concen: 20.01 ng/ul  
RT: 15.45 min Scan# 2147  
Delta R.T. 0.00 min  
Lab File: BG019382.D  
Acq: 28 Oct 2015 15:33

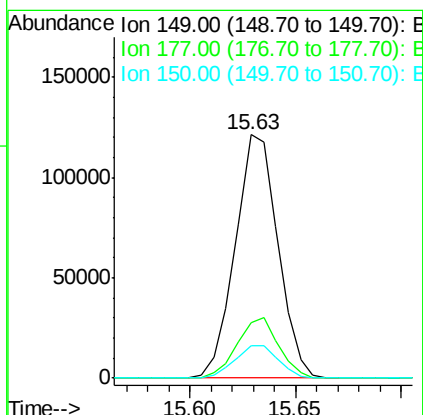
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02016

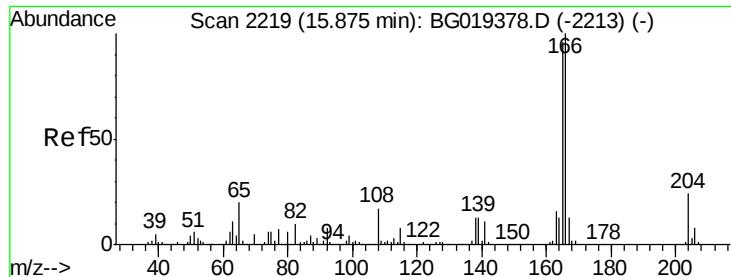
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:232 | Resp: | 57889     |
| Ion Ratio   | Lower | Upper     |
| 232         | 100   |           |
| 131         | 35.8  | 28.1 42.1 |
| 130         | 2.5   | 2.2 3.2   |
| 166         | 23.8  | 19.0 28.6 |



#57  
Diethylphthalate  
Concen: 19.68 ng/ul  
RT: 15.63 min Scan# 2177  
Delta R.T. -0.01 min  
Lab File: BG019382.D  
Acq: 28 Oct 2015 15:33

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 169592    |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 177         | 22.9  | 20.6 30.8 |
| 150         | 13.2  | 11.2 16.8 |





#59

Fluorene

Concen: 19.77 ng/ul

RT: 15.88 min Scan# 2219

Delta R.T. 0.00 min

Lab File: BG019382.D

Acq: 28 Oct 2015 15:33

Instrument :

BNA\_G

ClientSampleId :

SSTD02016

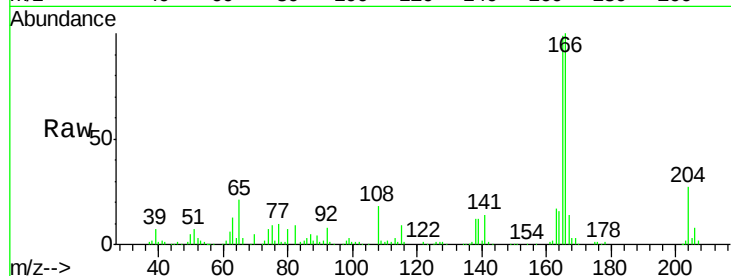
Tot Ion:166 Resp: 166037

Ion Ratio Lower Upper

166 100

165 99.0 77.6 116.4

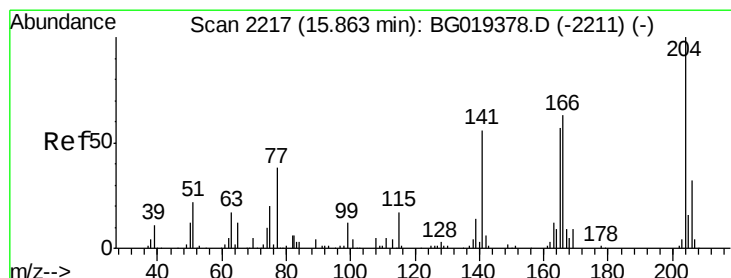
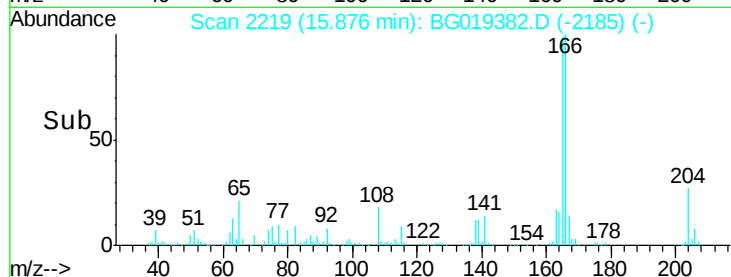
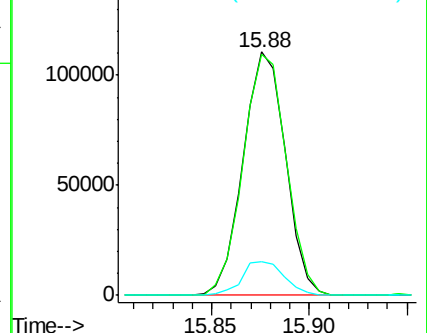
167 13.9 9.6 14.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

4-Chlorophenyl-phenylether

Concen: 19.82 ng/ul

RT: 15.86 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BG019382.D

Acq: 28 Oct 2015 15:33

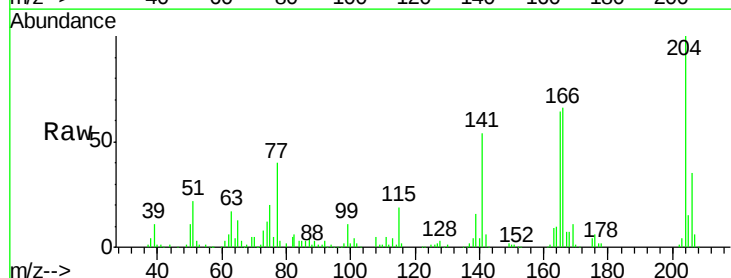
Tgt Ion:204 Resp: 98927

Ion Ratio Lower Upper

204 100

206 34.9 27.8 41.8

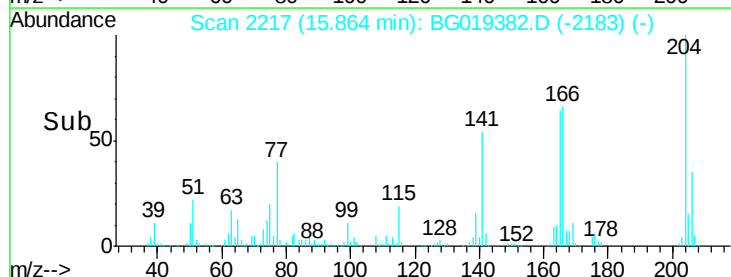
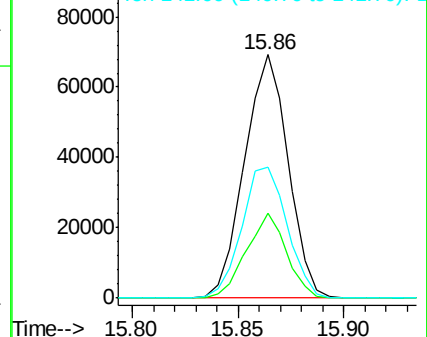
141 54.0 45.2 67.8

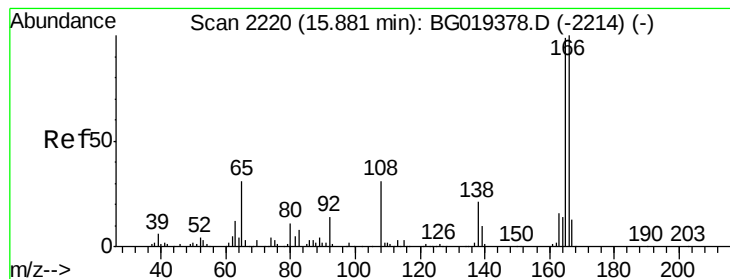


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

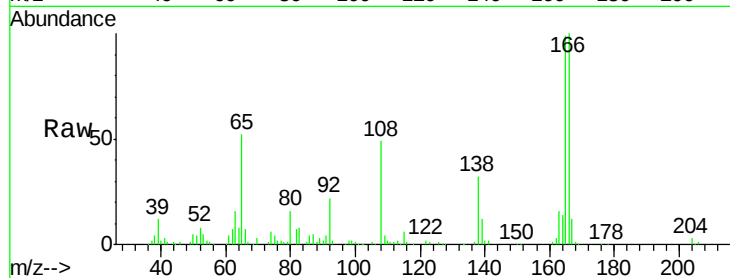




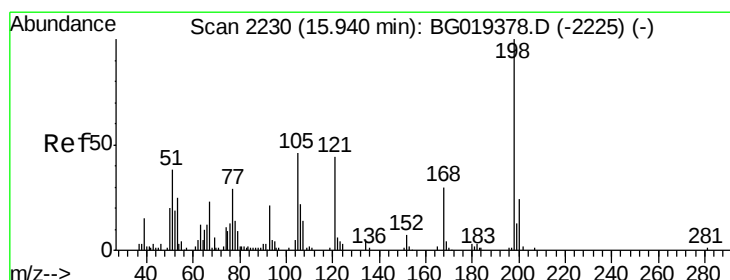
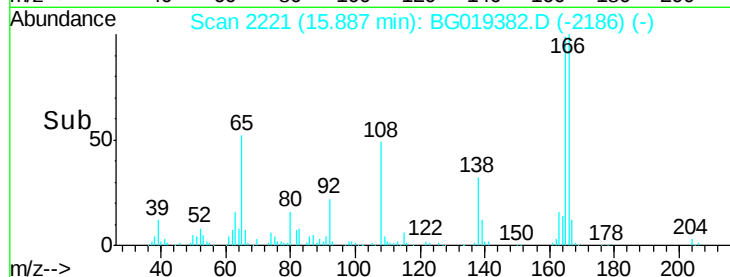
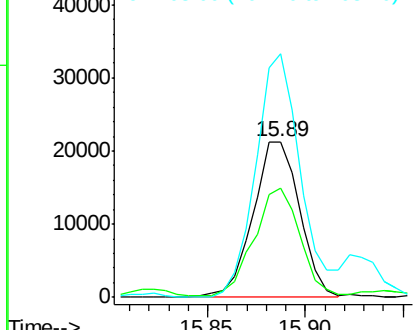
#61  
4-Nitroaniline  
Concen: 20.14 ng/ul  
RT: 15.89 min Scan# 2221  
Delta R.T. 0.01 min  
Lab File: BG019382.D  
Acq: 28 Oct 2015 15:33

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02016

Tot Ion:138 Resp: 35191  
Ion Ratio Lower Upper  
138 100  
92 69.9 53.9 80.9  
108 156.3 122.5 183.7

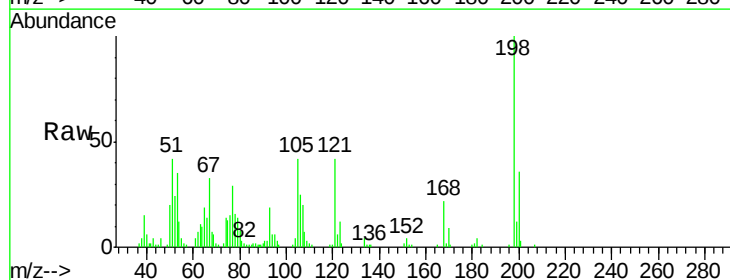


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BG  
Ion 108.00 (107.70 to 108.70): E

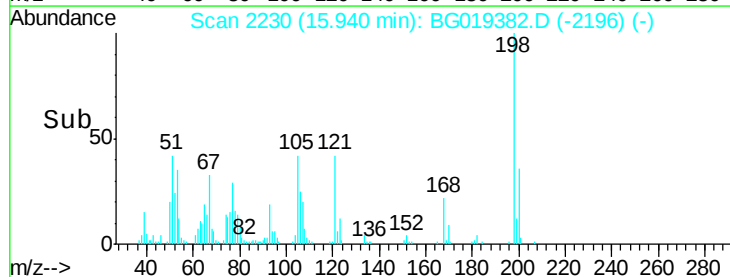
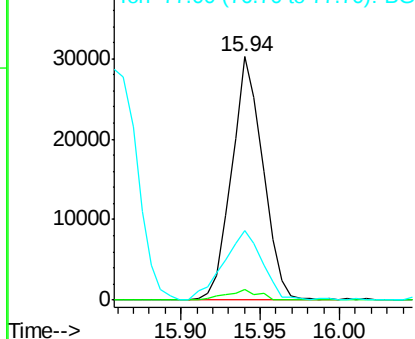


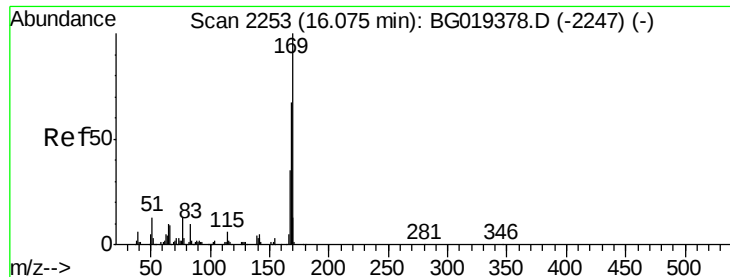
#64  
4,6-Dinitro-2-methylphenol  
Concen: 20.25 ng/ul  
RT: 15.94 min Scan# 2230  
Delta R.T. 0.00 min  
Lab File: BG019382.D  
Acq: 28 Oct 2015 15:33

Tgt Ion:198 Resp: 41268  
Ion Ratio Lower Upper  
198 100  
182 4.2 2.0 3.0#  
77 28.5 23.2 34.8



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





#65

N-Nitrosodiphenylamine

Concen: 19.61 ng/ul

RT: 16.08 min Scan# 2253

Delta R.T. 0.00 min

Lab File: BG019382.D

Acq: 28 Oct 2015 15:33

Instrument :

BNA\_G

ClientSampleId :

SSTD02016

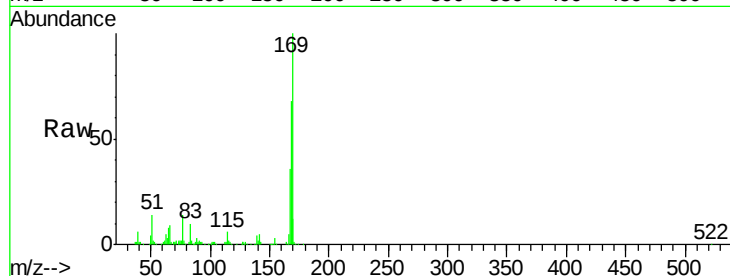
Tot Ion:169 Resp: 147642

Ion Ratio Lower Upper

169 100

168 68.1 51.1 76.7

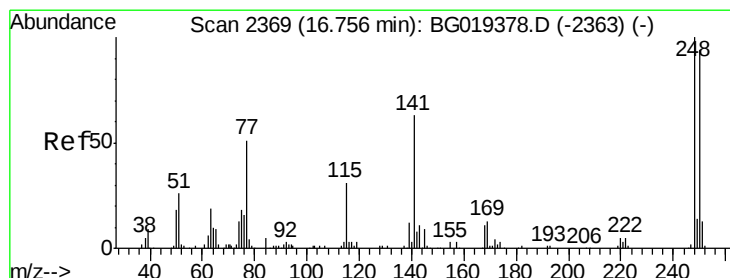
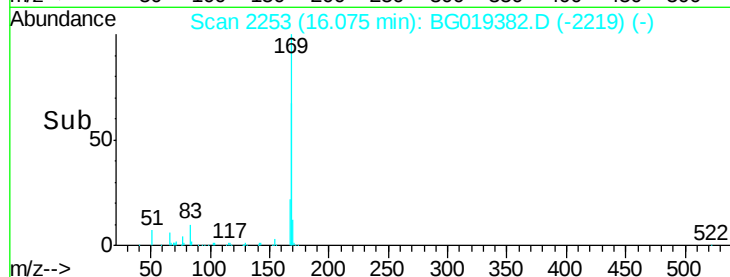
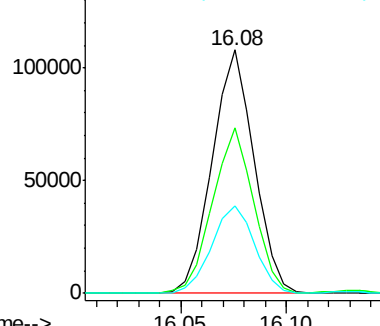
167 35.7 26.9 40.3



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: 20.49 ng/ul

RT: 16.76 min Scan# 2369

Delta R.T. 0.00 min

Lab File: BG019382.D

Acq: 28 Oct 2015 15:33

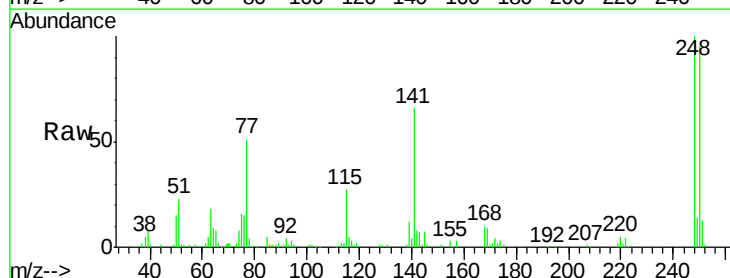
Tgt Ion:248 Resp: 70895

Ion Ratio Lower Upper

248 100

250 95.3 77.4 116.0

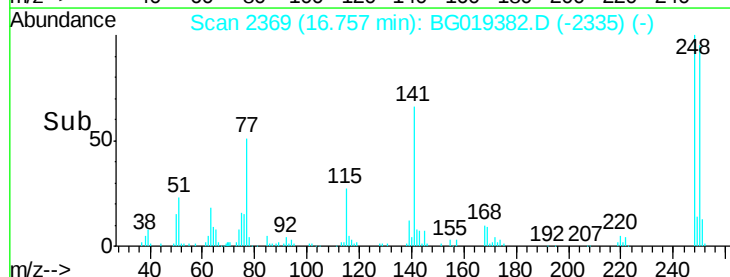
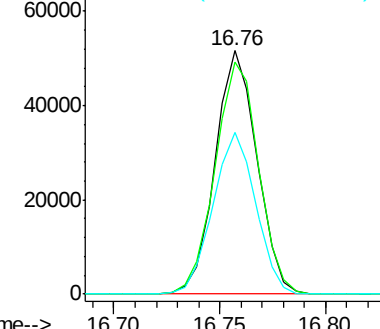
141 66.2 52.3 78.5

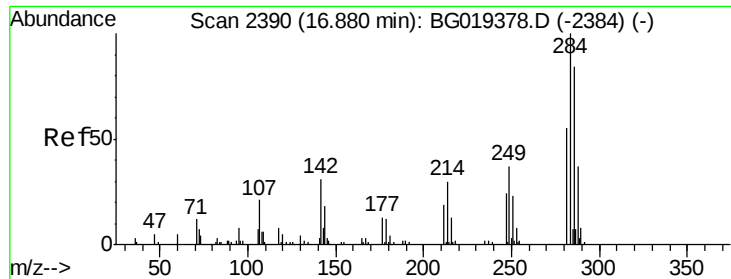


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 20.13 ng/ul

RT: 16.88 min Scan# 2390

Delta R.T. 0.00 min

Lab File: BG019382.D

Acq: 28 Oct 2015 15:33

Instrument :

BNA\_G

ClientSampleId :

SSTD02016

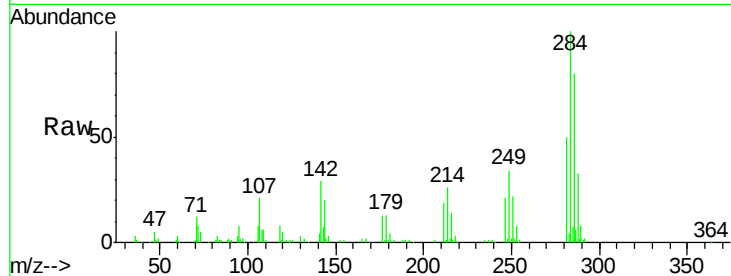
Tot Ion:284 Resp: 73921

Ion Ratio Lower Upper

284 100

142 27.4 24.2 36.4

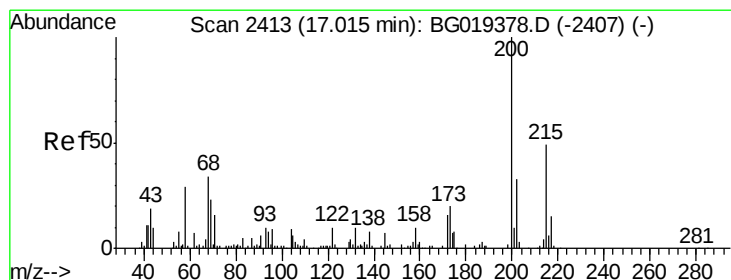
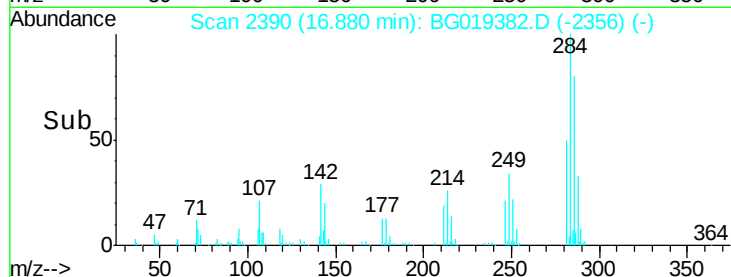
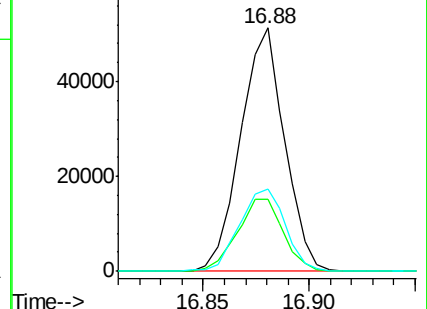
249 31.5 25.2 37.8



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: 20.25 ng/ul

RT: 17.02 min Scan# 2413

Delta R.T. 0.00 min

Lab File: BG019382.D

Acq: 28 Oct 2015 15:33

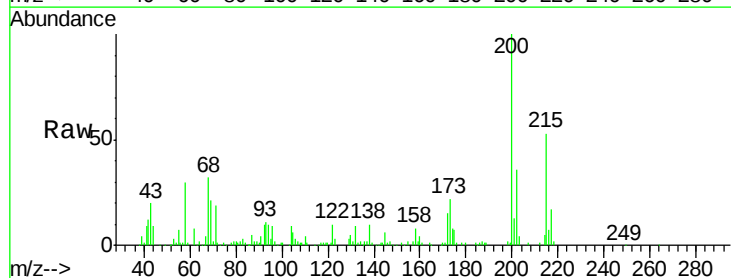
Tgt Ion:200 Resp: 75583

Ion Ratio Lower Upper

200 100

173 21.7 16.9 25.3

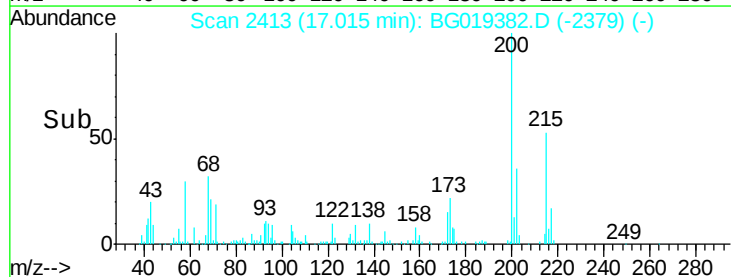
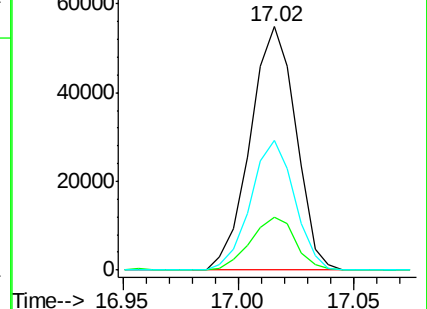
215 53.3 41.0 61.6

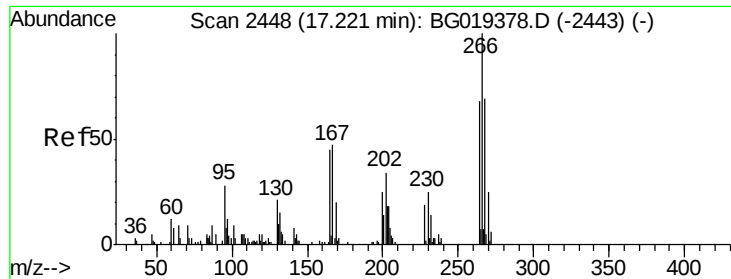


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

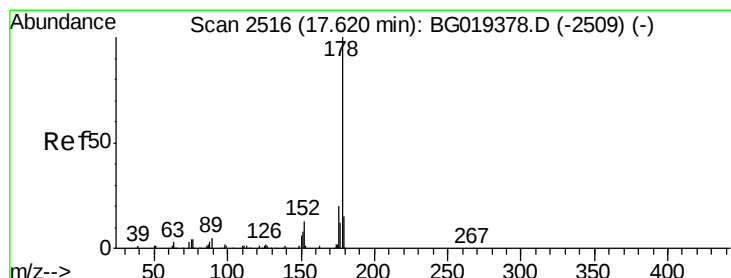
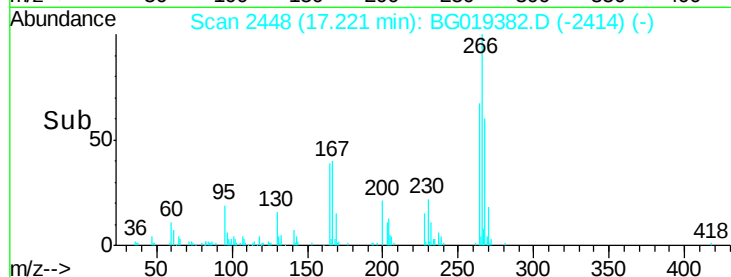
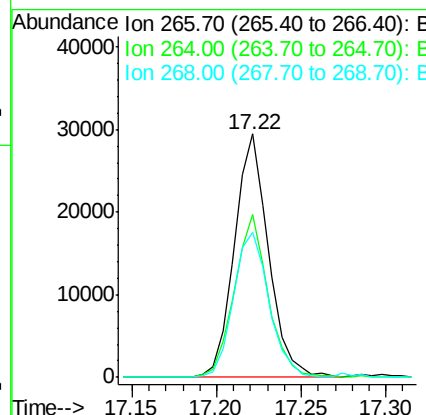
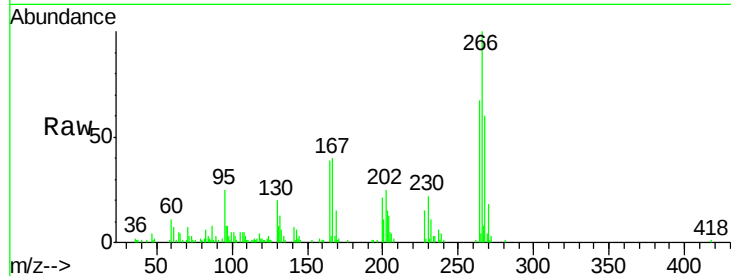




#69  
 Pentachlorophenol  
 Concen: 19.01 ng/ul  
 RT: 17.22 min Scan# 2448  
 Delta R.T. 0.00 min  
 Lab File: BG019382.D  
 Acq: 28 Oct 2015 15:33

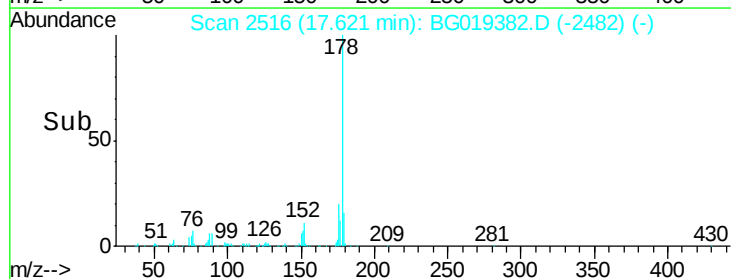
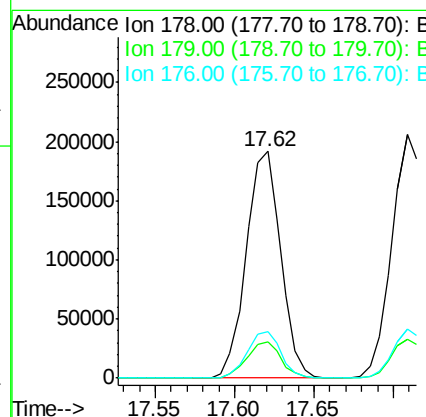
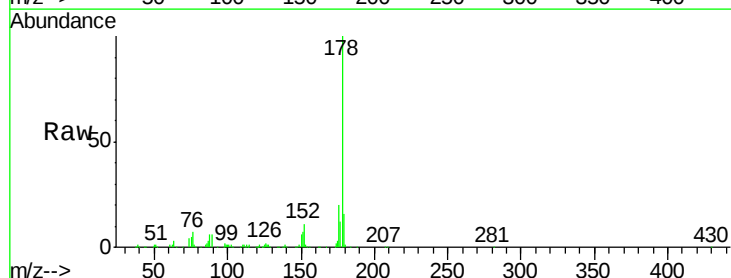
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02016

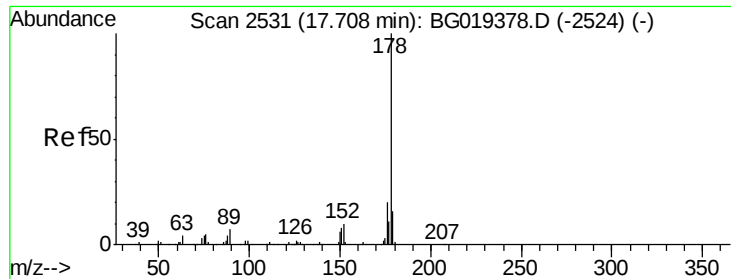
Tot Ion:266 Resp: 41200  
 Ion Ratio Lower Upper  
 266 100  
 264 70.3 49.5 74.3  
 268 59.7 48.7 73.1



#70  
 Phenanthrene  
 Concen: 19.64 ng/ul  
 RT: 17.62 min Scan# 2516  
 Delta R.T. 0.00 min  
 Lab File: BG019382.D  
 Acq: 28 Oct 2015 15:33

Tgt Ion:178 Resp: 288595  
 Ion Ratio Lower Upper  
 178 100  
 179 15.8 12.6 18.8  
 176 20.3 14.3 21.5

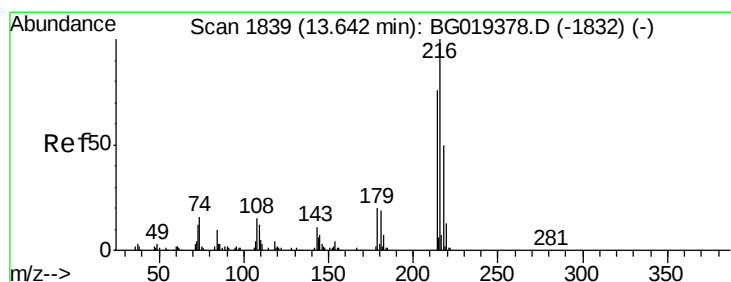
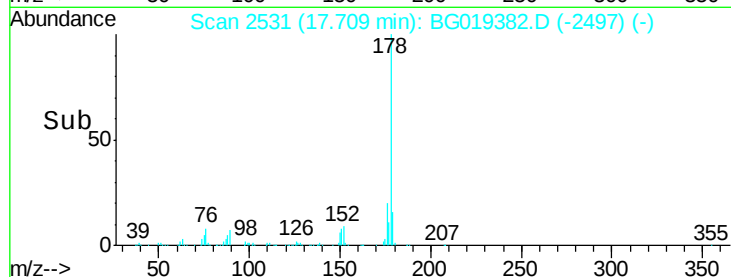
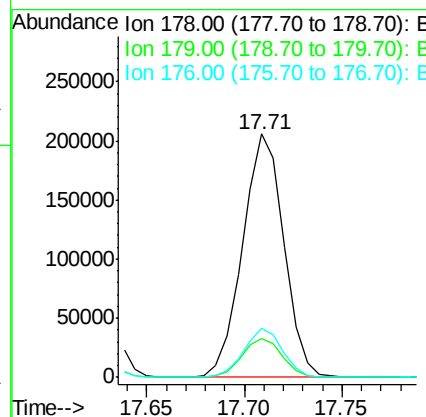
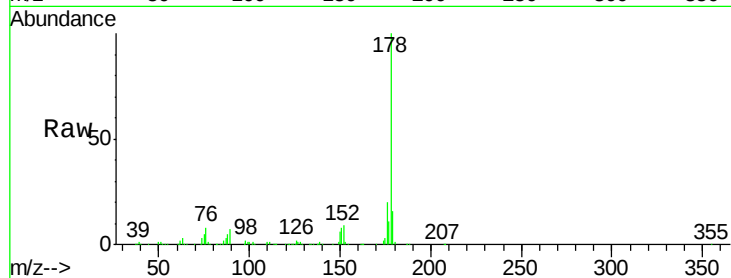




#72  
 Anthracene  
 Concen: 20.01 ng/ul  
 RT: 17.71 min Scan# 2531  
 Delta R.T. 0.00 min  
 Lab File: BG019382.D  
 Acq: 28 Oct 2015 15:33

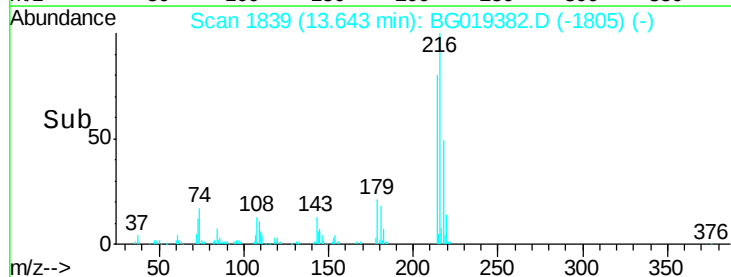
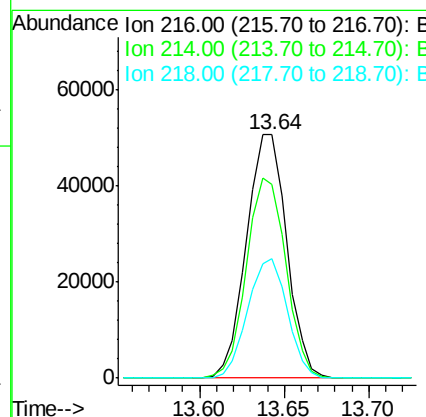
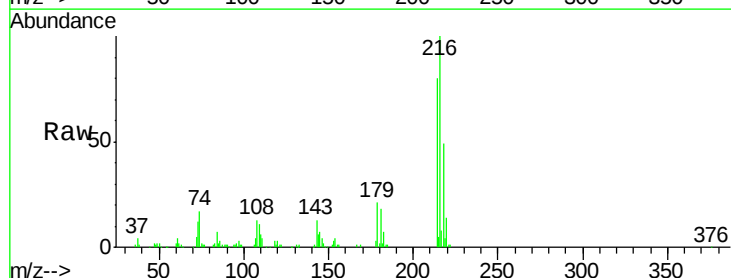
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02016

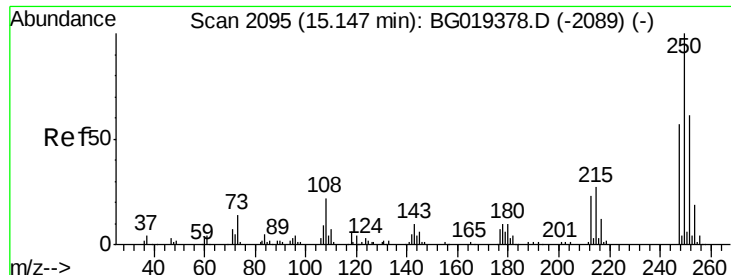
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 16.0  | 11.6  | 17.4  |
| 176     | 19.9  | 14.2  | 21.4  |



#73  
 1,2,3,4-Tetrachlorobenzene  
 Concen: 19.98 ng/uL  
 RT: 13.64 min Scan# 1839  
 Delta R.T. 0.00 min  
 Lab File: BG019382.D  
 Acq: 28 Oct 2015 15:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.5  | 60.0  | 90.0  |
| 218     | 48.9  | 37.1  | 55.7  |

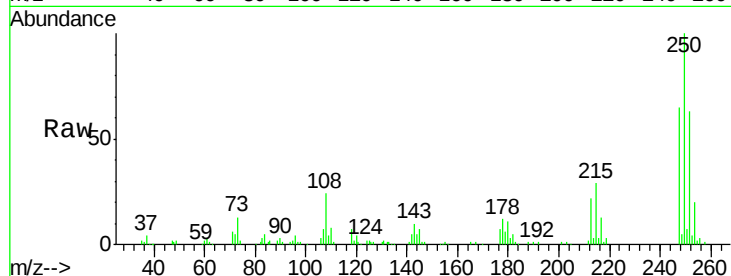




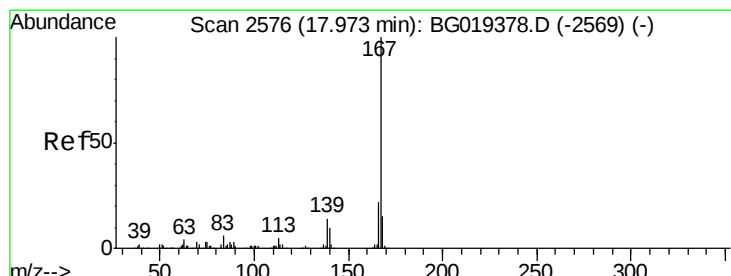
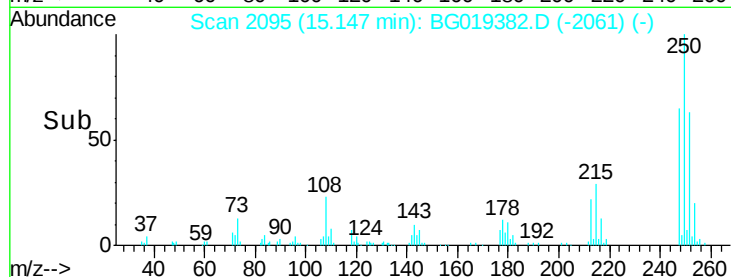
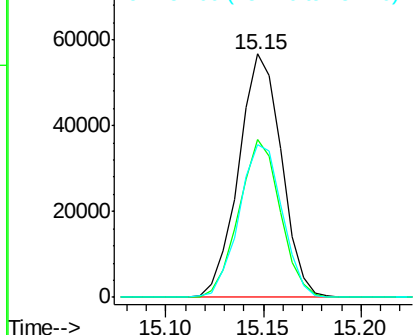
#74  
 Pentachlorobenzene  
 Concen: 20.30 ng/uL  
 RT: 15.15 min Scan# 2095  
 Delta R.T. 0.00 min  
 Lab File: BG019382.D  
 Acq: 28 Oct 2015 15:33

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02016

Tot Ion:250 Resp: 86323  
 Ion Ratio Lower Upper  
 250 100  
 248 70.1 51.3 76.9  
 252 66.6 49.5 74.3

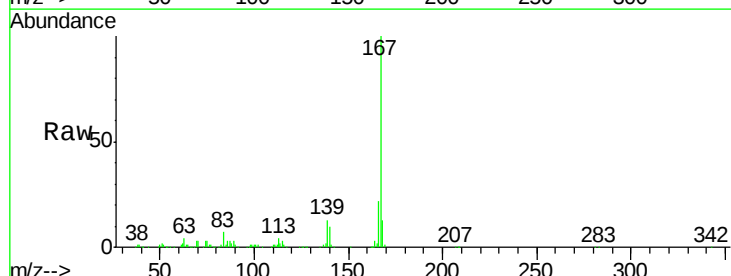


Abundance Ion 250.00 (249.70 to 250.70): E  
 Ion 248.00 (247.70 to 248.70): E  
 Ion 252.00 (251.70 to 252.70): E

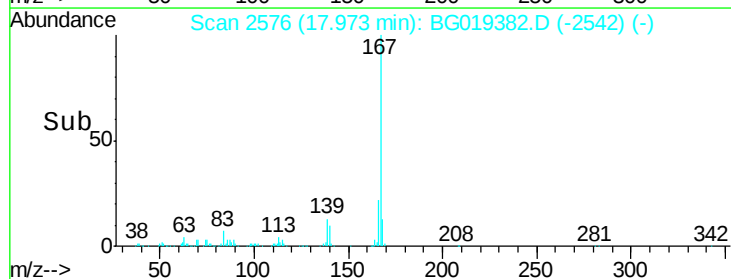
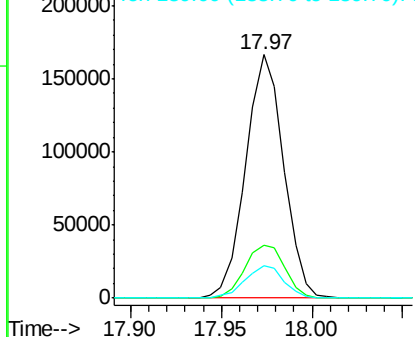


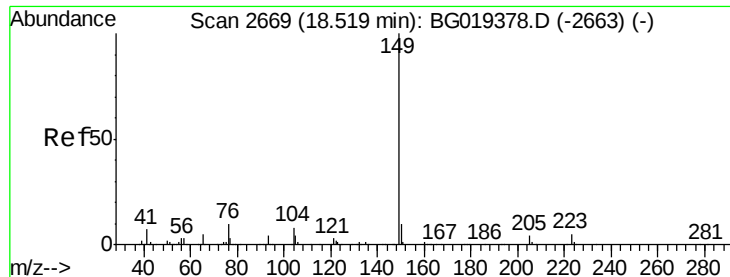
#75  
 Carbazole  
 Concen: 20.28 ng/uL  
 RT: 17.97 min Scan# 2576  
 Delta R.T. 0.00 min  
 Lab File: BG019382.D  
 Acq: 28 Oct 2015 15:33

Tgt Ion:167 Resp: 242426  
 Ion Ratio Lower Upper  
 167 100  
 166 21.5 16.8 25.2  
 139 13.3 9.8 14.6



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

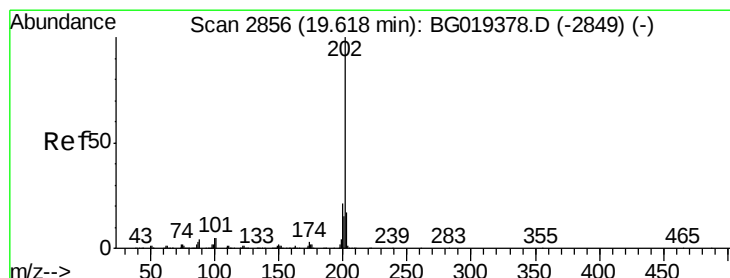
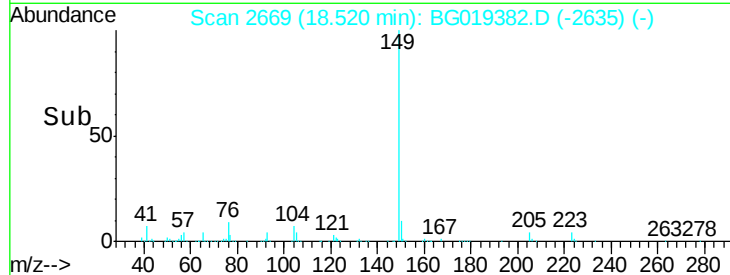
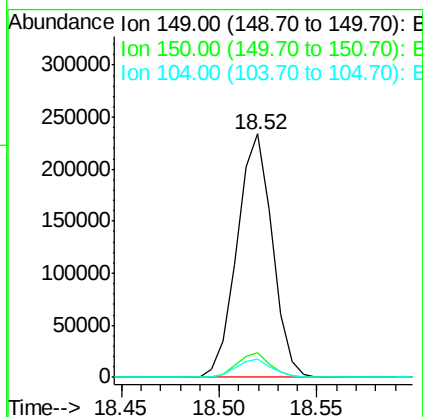
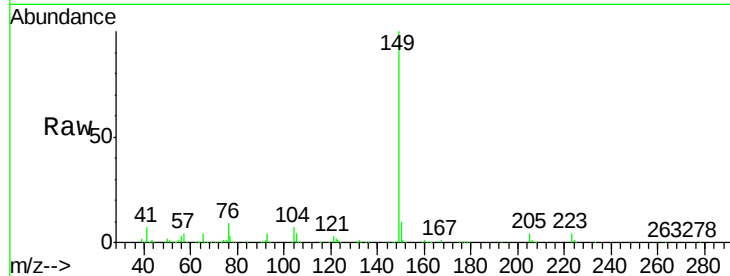




#76  
Di-n-butylphthalate  
Concen: 19.69 ng/ul  
RT: 18.52 min Scan# 2669  
Delta R.T. 0.00 min  
Lab File: BG019382.D  
Acq: 28 Oct 2015 15:33

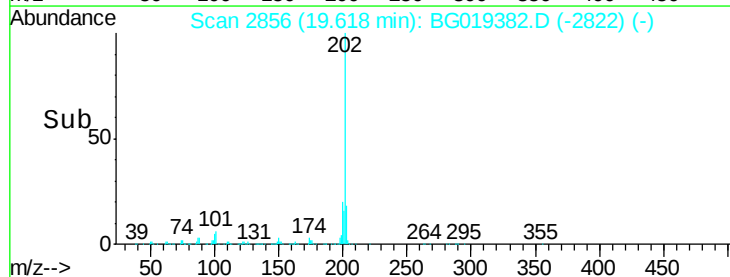
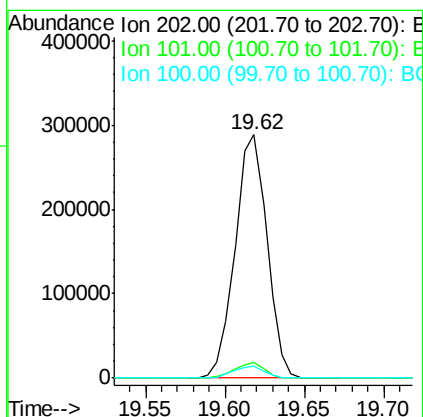
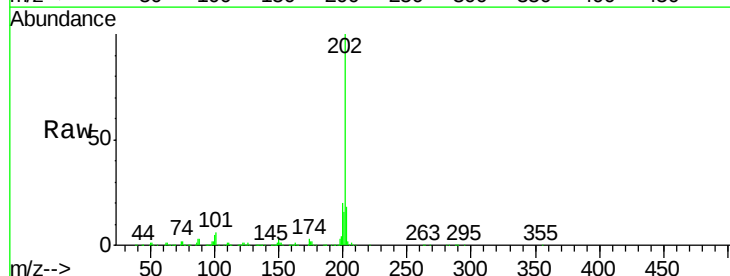
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02016

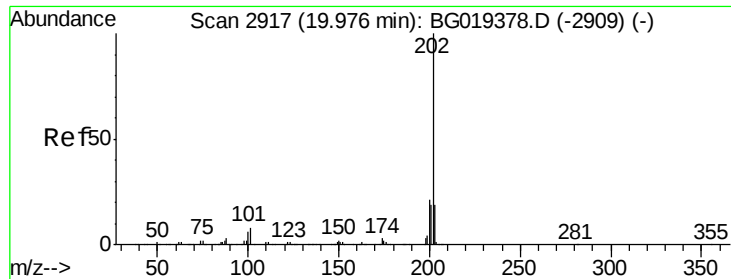
Tot Ion:149 Resp: 291640  
Ion Ratio Lower Upper  
149 100  
150 10.4 7.5 11.3  
104 7.4 6.9 10.3



#77  
Fluoranthene  
Concen: 21.15 ng/ul  
RT: 19.62 min Scan# 2856  
Delta R.T. 0.00 min  
Lab File: BG019382.D  
Acq: 28 Oct 2015 15:33

Tgt Ion:202 Resp: 402387  
Ion Ratio Lower Upper  
202 100  
101 6.5 4.0 6.0#  
100 4.8 3.6 5.4

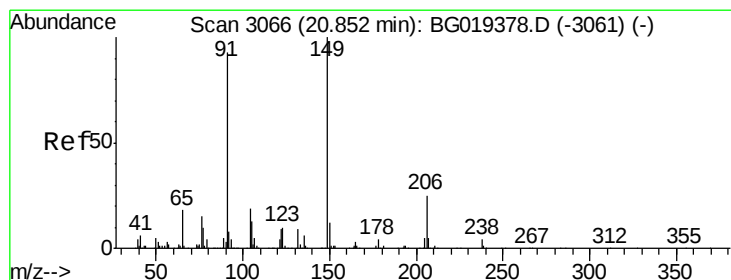
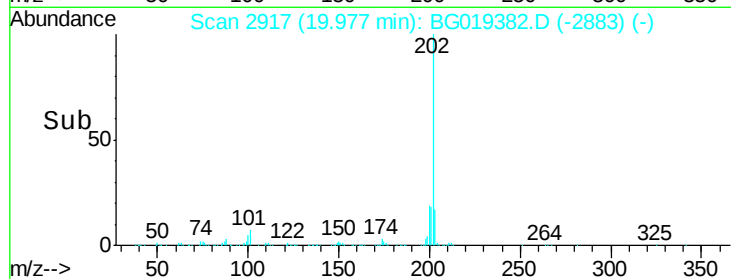
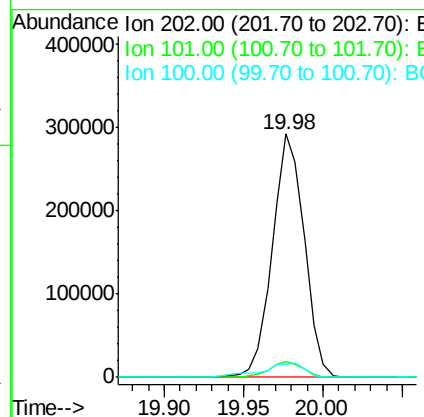
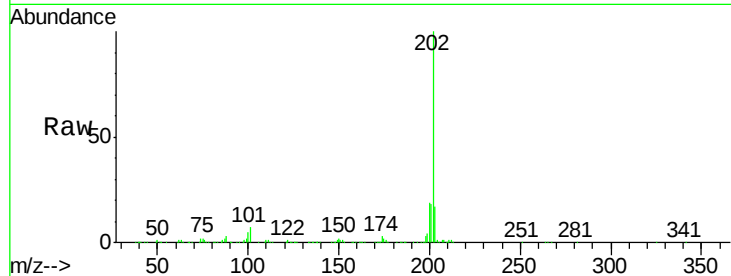




#80  
Pvrene  
Concen: 20.14 ng/ul  
RT: 19.98 min Scan# 2917  
Delta R.T. 0.00 min  
Lab File: BG019382.D  
Acq: 28 Oct 2015 15:33

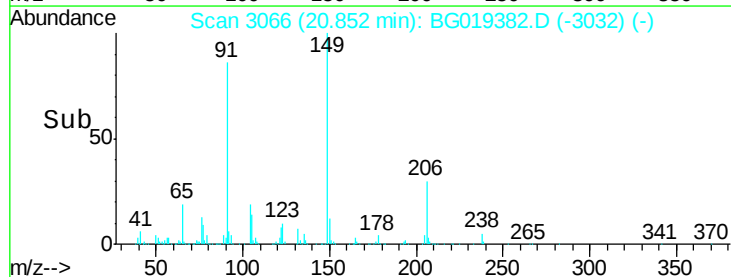
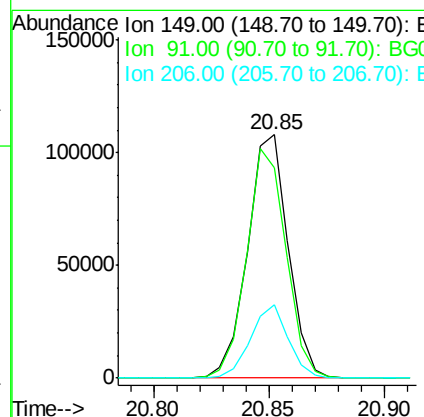
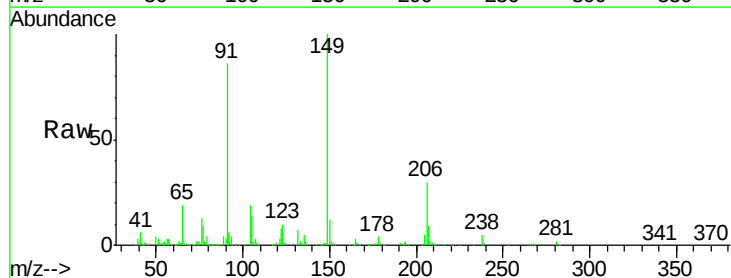
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02016

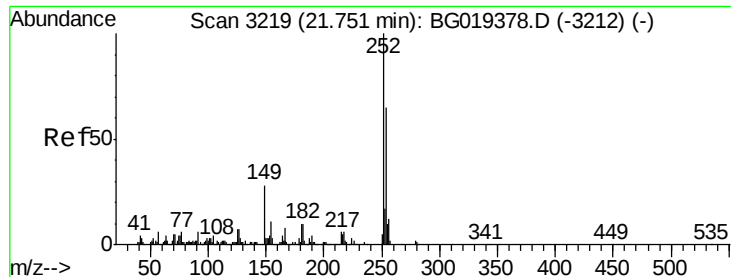
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 6.5   | 4.3   | 6.5#  |
| 100     | 5.5   | 3.6   | 5.4#  |



#81  
Butylbenzylphthalate  
Concen: 19.99 ng/ul  
RT: 20.85 min Scan# 3066  
Delta R.T. 0.00 min  
Lab File: BG019382.D  
Acq: 28 Oct 2015 15:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 86.4  | 76.5  | 114.7 |
| 206     | 29.9  | 22.1  | 33.1  |

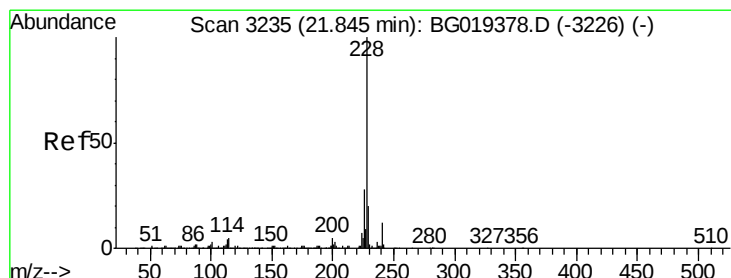
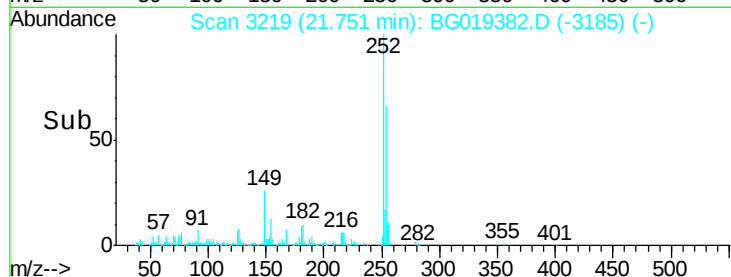
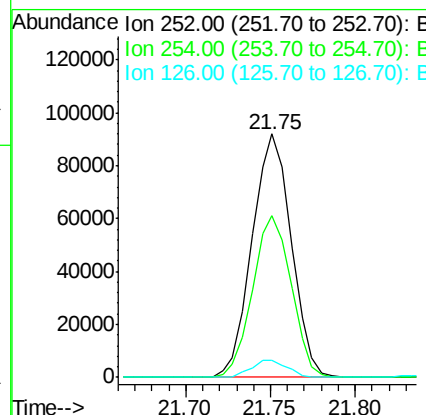
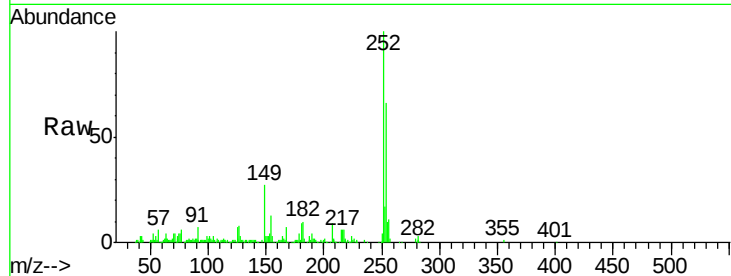




#82  
 3,3'-Dichlorobenzidine  
 Concen: 20.98 ng/ul  
 RT: 21.75 min Scan# 3219  
 Delta R.T. 0.00 min  
 Lab File: BG019382.D  
 Acq: 28 Oct 2015 15:33

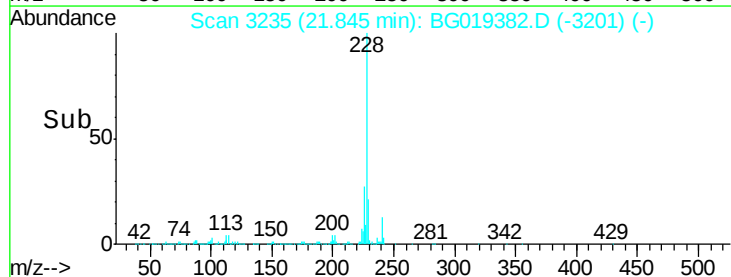
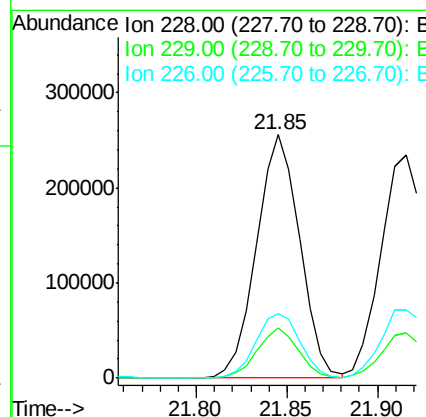
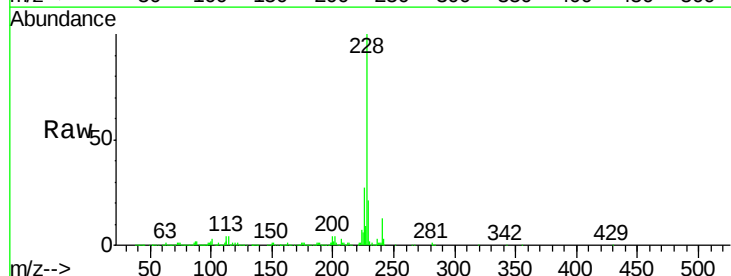
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02016

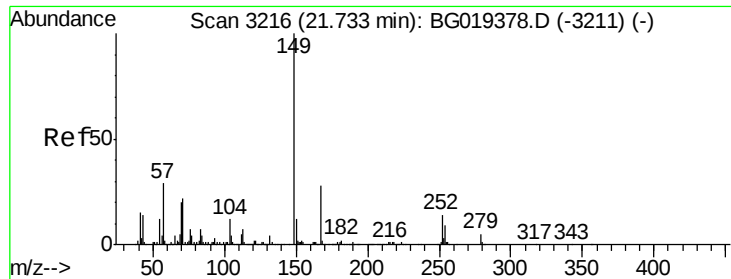
Tot Ion:252 Resp: 148742  
 Ion Ratio Lower Upper  
 252 100  
 254 66.2 49.2 73.8  
 126 7.2 4.3 6.5#



#83  
 Benzo(a)anthracene  
 Concen: 20.09 ng/ul  
 RT: 21.85 min Scan# 3235  
 Delta R.T. 0.00 min  
 Lab File: BG019382.D  
 Acq: 28 Oct 2015 15:33

Tgt Ion:228 Resp: 423295  
 Ion Ratio Lower Upper  
 228 100  
 229 20.6 15.8 23.8  
 226 26.7 21.8 32.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 20.32 ng/ul

RT: 21.73 min Scan# 3216

Delta R.T. 0.00 min

Lab File: BG019382.D

Acq: 28 Oct 2015 15:33

Instrument :

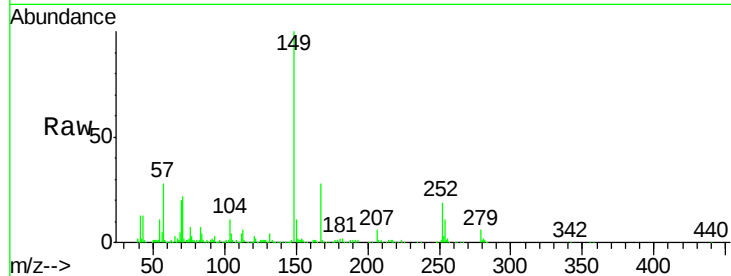
BNA\_G

ClientSampleId :

SSTD02016

Tot Ion:149 Resp: 190524

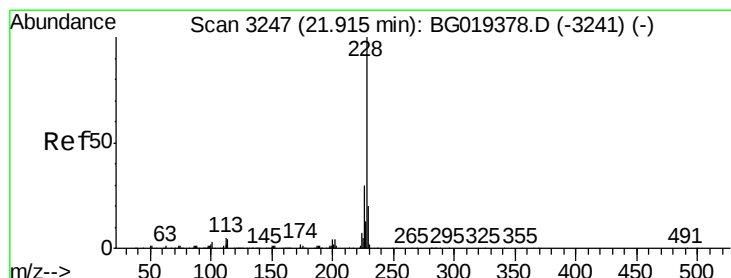
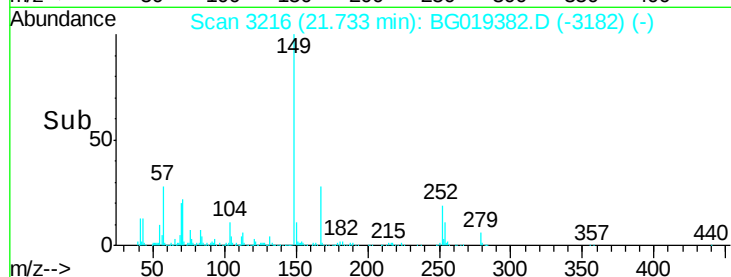
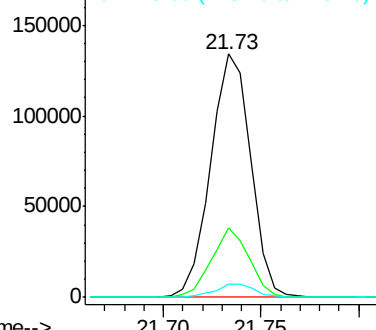
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.4  | 23.2  | 34.8  |
| 279 | 5.5   | 5.0   | 7.4   |



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 19.83 ng/ul

RT: 21.92 min Scan# 3247

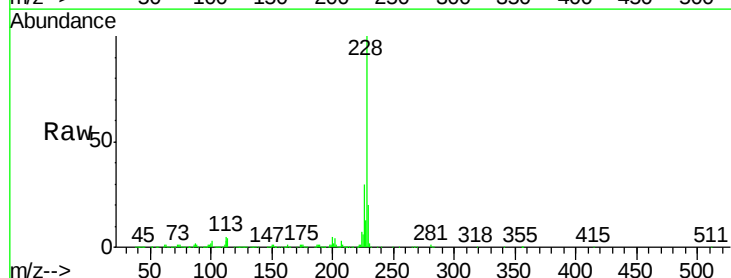
Delta R.T. 0.00 min

Lab File: BG019382.D

Acq: 28 Oct 2015 15:33

Tgt Ion:228 Resp: 392084

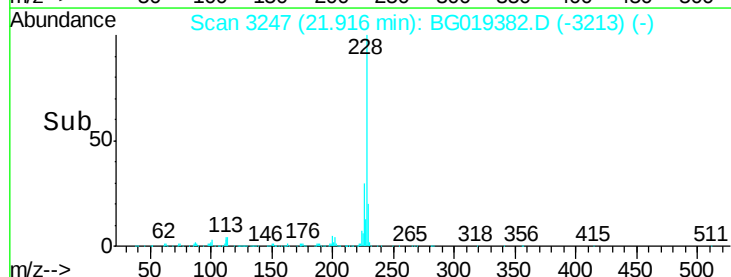
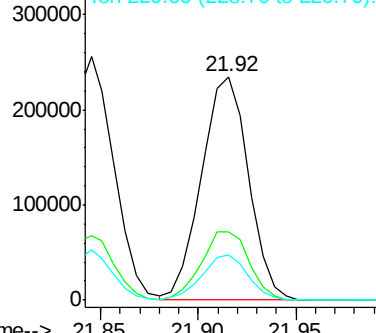
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.3  | 24.6  | 36.8  |
| 229 | 20.5  | 17.3  | 25.9  |

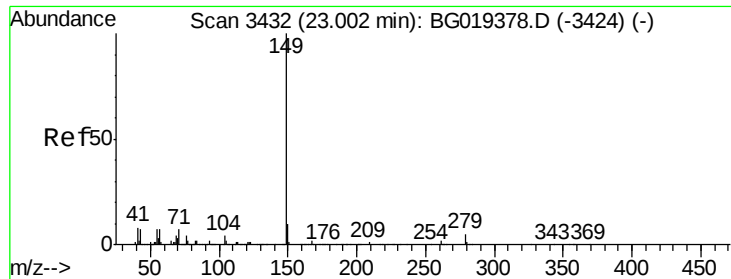


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 20.14 ng/ul

RT: 23.00 min Scan# 3432

Delta R.T. 0.00 min

Lab File: BG019382.D

Acq: 28 Oct 2015 15:33

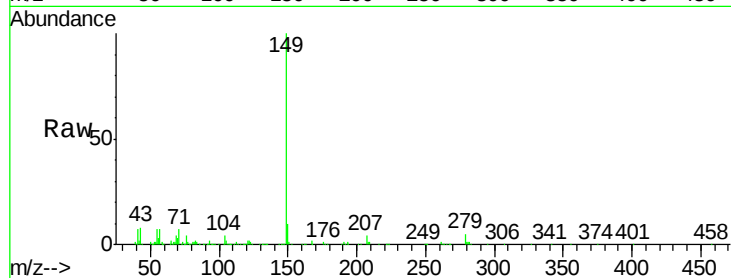
Instrument :

BNA\_G

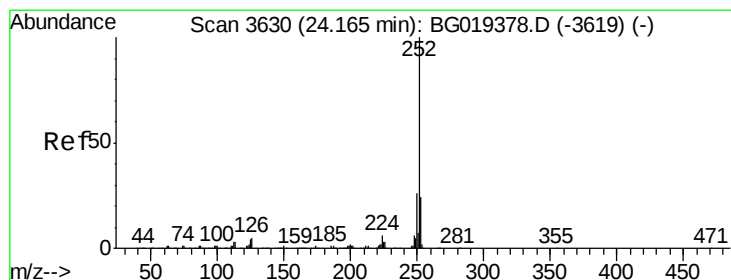
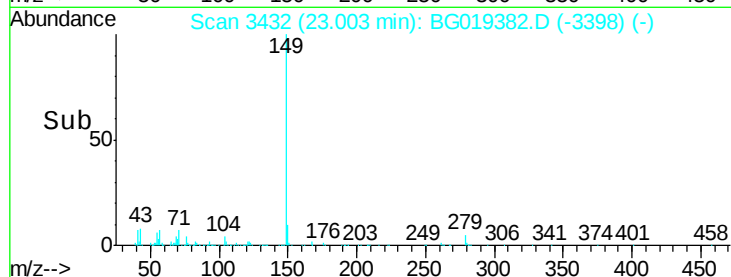
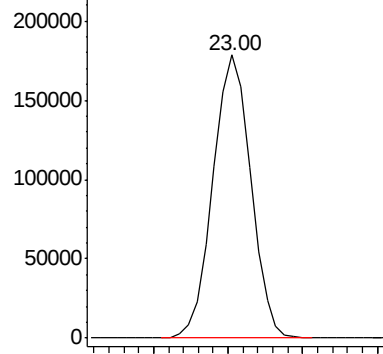
ClientSampleId :

SSTD02016

Tgt Ion:149 Resp: 312930



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 19.63 ng/ul

RT: 24.17 min Scan# 3630

Delta R.T. 0.00 min

Lab File: BG019382.D

Acq: 28 Oct 2015 15:33

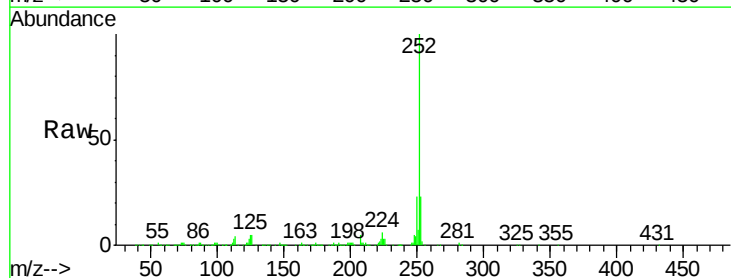
Tgt Ion:252 Resp: 397288

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

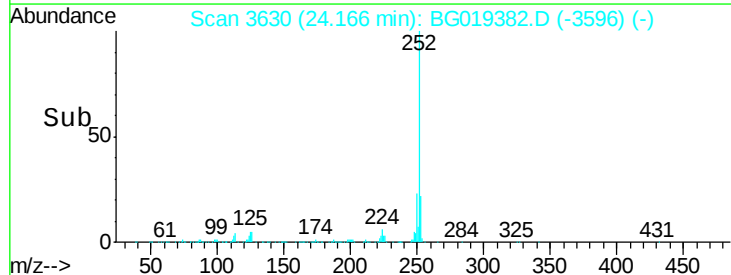
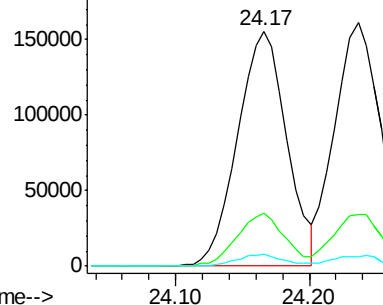
125 4.9 2.5 3.7#

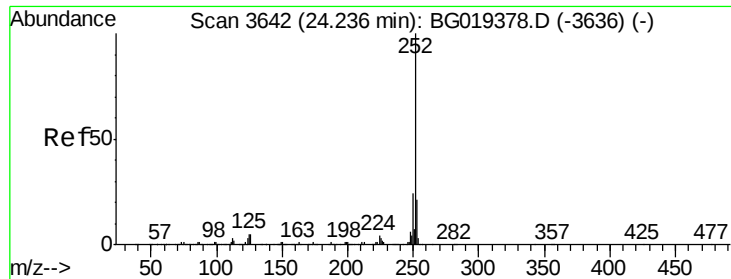


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

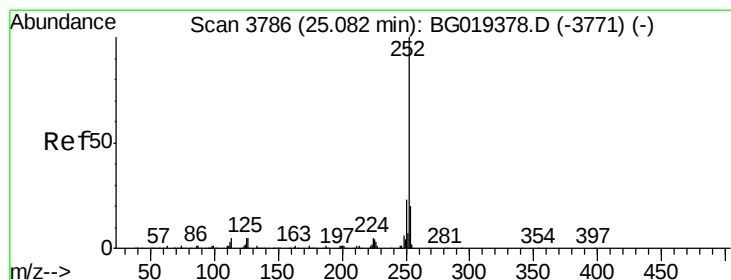
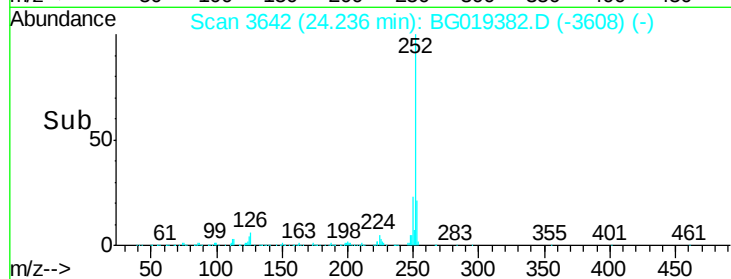
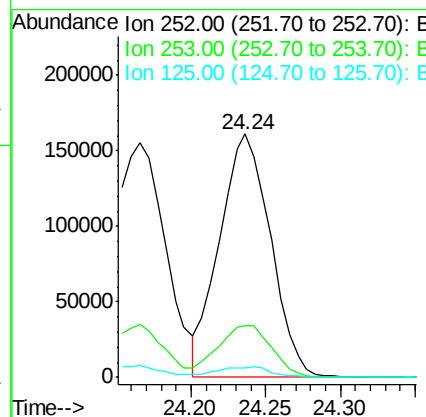
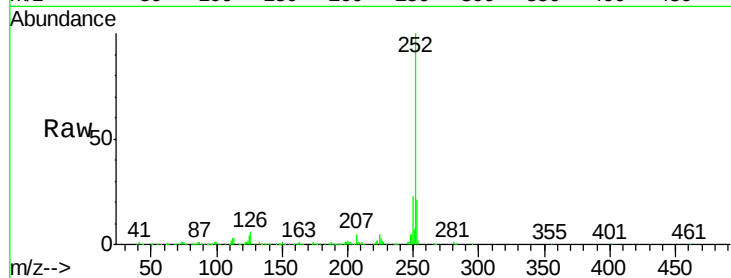




#89  
Benzo(k)fluoranthene  
Concen: 19.61 ng/ul  
RT: 24.24 min Scan# 3642  
Delta R.T. 0.00 min  
Lab File: BG019382.D  
Acq: 28 Oct 2015 15:33

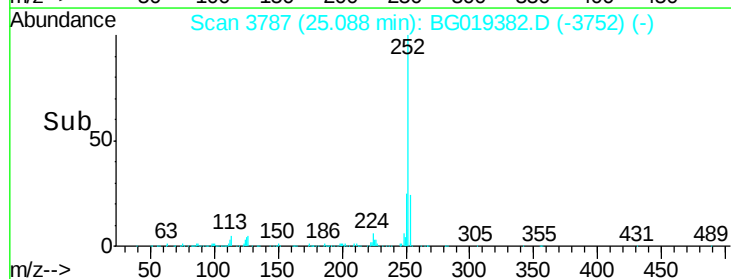
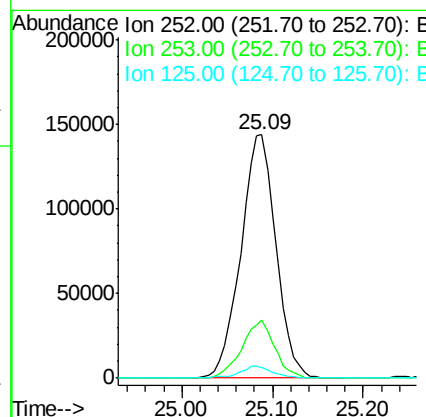
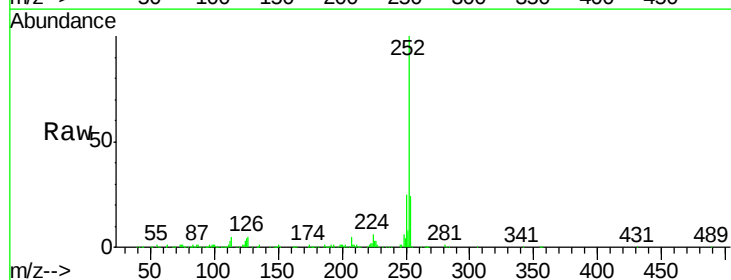
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02016

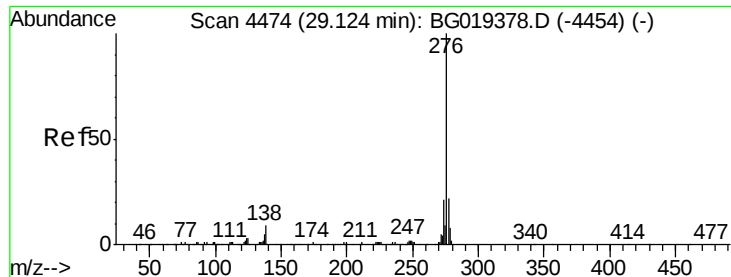
Tot Ion:252 Resp: 381931  
Ion Ratio Lower Upper  
252 100  
253 21.4 17.2 25.8  
125 4.1 3.1 4.7



#91  
Benzo(a)pyrene  
Concen: 19.80 ng/ul  
RT: 25.09 min Scan# 3787  
Delta R.T. 0.01 min  
Lab File: BG019382.D  
Acq: 28 Oct 2015 15:33

Tgt Ion:252 Resp: 385005  
Ion Ratio Lower Upper  
252 100  
253 24.0 16.0 24.0  
125 4.3 3.3 4.9

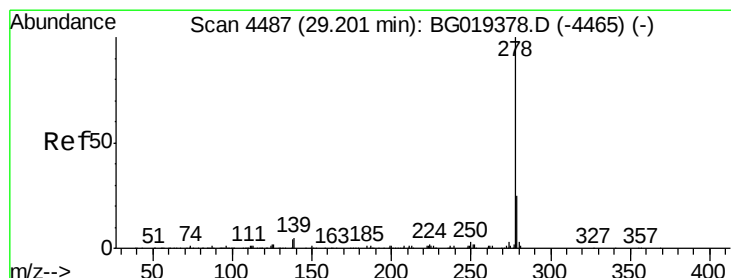
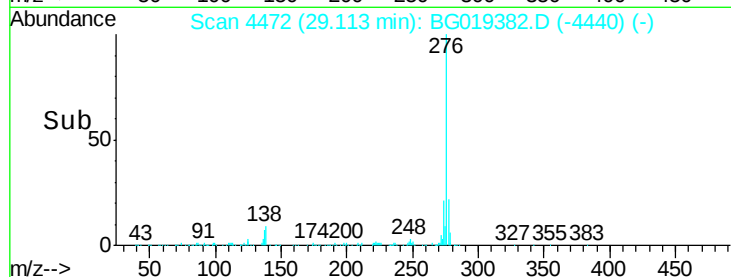
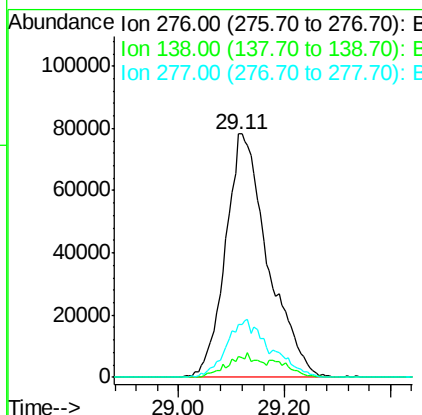
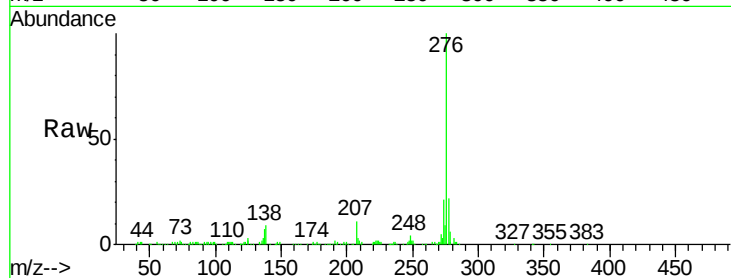




#92  
 Indeno(1,2,3-cd)pyrene  
 Concen: 19.75 ng/ul  
 RT: 29.11 min Scan# 4472  
 Delta R.T. -0.01 min  
 Lab File: BG019382.D  
 Acq: 28 Oct 2015 15:33

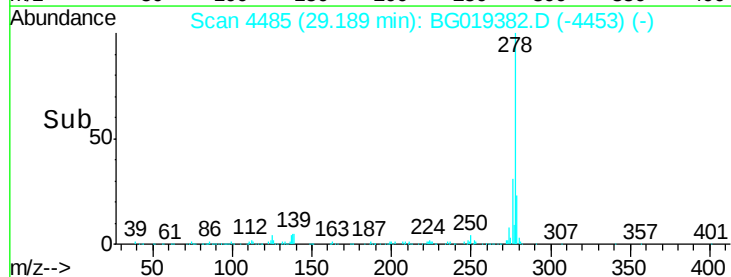
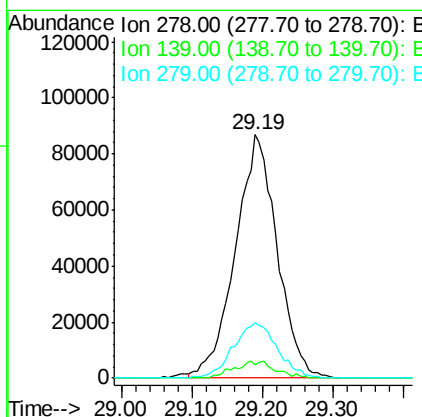
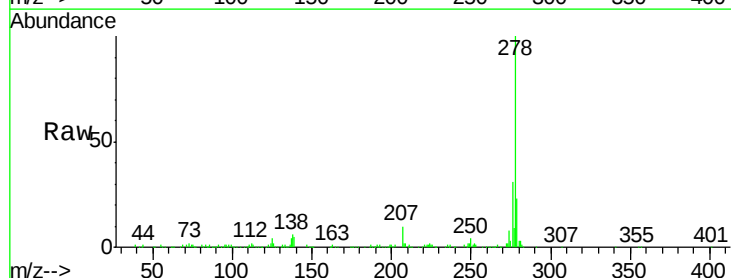
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02016

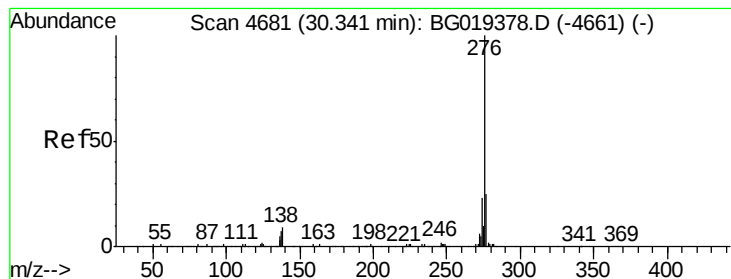
Tot Ion:276 Resp: 432538  
 Ion Ratio Lower Upper  
 276 100  
 138 8.7 6.2 9.4  
 277 21.5 17.9 26.9



#93  
 Dibenzo(a,h)anthracene  
 Concen: 19.56 ng/ul  
 RT: 29.19 min Scan# 4485  
 Delta R.T. -0.01 min  
 Lab File: BG019382.D  
 Acq: 28 Oct 2015 15:33

Tgt Ion:278 Resp: 357661  
 Ion Ratio Lower Upper  
 278 100  
 139 5.4 5.8 8.6#  
 279 22.5 20.3 30.5





#94

Benzo(a,h,i)perylene

Concen: 21.37 ng/ul

RT: 30.34 min Scan# 4680

Delta R.T. -0.01 min

Lab File: BG019382.D

Acq: 28 Oct 2015 15:33

Instrument :

BNA\_G

ClientSampleId :

SSTD02016

Tot Ion:276 Resp: 355204

Ion Ratio Lower Upper

276 100

138 10.9 5.6 8.4#

277 25.0 16.0 24.0#

