

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG103015\  
 Data File : BG019428.D  
 Acq On : 30 Oct 2015 9:55  
 Operator : UM/NP  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleID :  
 SSTD02021

Quant Time: Oct 31 00:21:52 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG102815.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 30 04:25:10 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.20  | 152  | 46208    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.03 | 136  | 198095   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.84 | 164  | 148169   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.57 | 188  | 381856   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.87 | 240  | 466311   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.25 | 264  | 394503   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.51  | 96  | 7052   | 7.31  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.36  | 99  | 96091  | 22.65 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.51  | 67  | 58319  | 21.69 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.73  | 132 | 58445  | 22.07 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.91  | 113 | 75028  | 22.21 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.38  | 128 | 29620  | 20.35 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.11 | 143 | 35545  | 20.57 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.65 | 165 | 80358  | 21.43 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.16 | 131 | 85310  | 22.49 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.23 | 166 | 231382 | 18.94 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.53 | 160 | 275797 | 20.38 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 15.02 | 143 | 38037  | 19.60 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.82 | 176 | 218101 | 19.30 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.93 | 200 | 46903  | 18.98 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.67 | 188 | 341345 | 19.61 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.95 | 212 | 384686 | 18.85 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 25.01 | 264 | 405966 | 20.51 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       |        | Qvalue |
|--------------------------------|-------|-----|--------|-------|--------|--------|
| 2) 1,4-Dioxane                 | 3.55  | 88  | 8509   | 7.75  | ng/uL# | 89     |
| 4) Benzaldehyde                | 7.33  | 77  | 67727  | 24.55 | ng/ul  | 99     |
| 6) Phenol                      | 7.38  | 94  | 102169 | 22.61 | ng/ul  | 97     |
| 8) Bis(2-Chloroethyl)ether     | 7.61  | 93  | 67000  | 21.58 | ng/ul  | 96     |
| 10) 2-Chlorophenol             | 7.77  | 128 | 59964  | 22.00 | ng/ul  | 98     |
| 11) 2-Methylphenol             | 8.65  | 108 | 70812  | 21.19 | ng/ul  | 96     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.74  | 45  | 53566  | 21.53 | ng/ul  | 97     |
| 14) Acetophenone               | 9.03  | 105 | 119713 | 21.11 | ng/ul  | 85     |
| 15) N-Nitroso-di-n-propylamine | 9.01  | 70  | 74445  | 20.02 | ng/ul# | 90     |
| 16) 4-Methylphenol             | 8.97  | 108 | 81617  | 22.36 | ng/ul  | 92     |
| 17) Hexachloroethane           | 9.30  | 117 | 25291  | 17.76 | ng/ul  | 85     |
| 20) Nitrobenzene               | 9.42  | 77  | 115833 | 20.35 | ng/ul  | 96     |
| 21) Isophorone                 | 9.94  | 82  | 185614 | 18.00 | ng/ul  | 97     |
| 23) 2-Nitrophenol              | 10.14 | 139 | 39053  | 19.90 | ng/ul  | 87     |
| 24) 2,4-Dimethylphenol         | 10.19 | 107 | 101782 | 19.85 | ng/ul  | 98     |
| 25) Bis(2-Chloroethoxy)methane | 10.42 | 93  | 99060  | 20.29 | ng/ul  | 95     |
| 27) 2,4-Dichlorophenol         | 10.68 | 162 | 71752  | 20.03 | ng/ul# | 88     |
| 28) Naphthalene                | 11.09 | 128 | 197059 | 19.88 | ng/ul  | 97     |
| 30) 4-Chloroaniline            | 11.19 | 127 | 84114  | 21.15 | ng/ul  | 94     |
| 31) Hexachlorobutadiene        | 11.36 | 225 | 67007  | 18.30 | ng/ul  | 94     |
| 32) Caprolactam                | 11.95 | 113 | 19653  | 15.30 | ng/ul# | 63     |
| 33) 4-Chloro-3-methylphenol    | 12.30 | 107 | 100251 | 20.84 | ng/ul# | 95     |
| 34) 2-Methylnaphthalene        | 12.68 | 142 | 156032 | 19.59 | ng/ul  | 96     |

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 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleID :  
 SSTD02021

Quant Time: Oct 31 00:21:52 2015  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 30 04:25:10 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 35) 1-Methylnaphthalene        | 12.89 | 142  | 149879   | 19.89 | ng/ul  | 100      |
| 37) 1,2,4,5-Tetrachlorobenzene | 13.04 | 216  | 126585   | 20.73 | ng/ul# | 97       |
| 38) Hexachlorocyclopentadiene  | 13.01 | 237  | 52164    | 11.51 | ng/ul  | 94       |
| 39) 2,4,6-Trichlorophenol      | 13.27 | 196  | 76157    | 21.10 | ng/ul  | 86       |
| 40) 2,4,5-Trichlorophenol      | 13.35 | 196  | 81437    | 20.56 | ng/ul  | 97       |
| 41) 1,1'-Biphenyl              | 13.67 | 154  | 214743   | 20.50 | ng/ul# | 98       |
| 42) 2-Chloronaphthalene        | 13.72 | 162  | 170193   | 20.83 | ng/ul  | 98       |
| 43) 2-Nitroaniline             | 13.91 | 65   | 73018    | 20.90 | ng/ul  | 91       |
| 45) Dimethylphthalate          | 14.28 | 163  | 236790   | 18.95 | ng/ul# | 98       |
| 46) 2,6-Dinitrotoluene         | 14.40 | 165  | 52971    | 20.95 | ng/ul  | 98       |
| 48) Acenaphthylene             | 14.56 | 152  | 280475   | 20.23 | ng/ul  | 97       |
| 49) 3-Nitroaniline             | 14.73 | 138  | 46015    | 21.14 | ng/ul# | 93       |
| 50) Acenaphthene               | 14.89 | 153  | 187659   | 20.05 | ng/ul  | 97       |
| 51) 2,4-Dinitrophenol          | 14.94 | 184  | 33364    | 17.55 | ng/ul  | 89       |
| 53) 4-Nitrophenol              | 15.04 | 109  | 57279    | 18.93 | ng/ul# | 86       |
| 54) Dibenzofuran               | 15.23 | 168  | 277568   | 20.14 | ng/ul  | 96       |
| 55) 2,4-Dinitrotoluene         | 15.18 | 165  | 74109    | 18.56 | ng/ul# | 87       |
| 56) 2,3,4,6-Tetrachlorophenol  | 15.45 | 232  | 85227    | 20.58 | ng/ul# | 98       |
| 57) Diethylphthalate           | 15.63 | 149  | 222826   | 18.07 | ng/ul  | 96       |
| 59) Fluorene                   | 15.88 | 166  | 232973   | 19.37 | ng/ul# | 94       |
| 60) 4-Chlorophenyl-phenylether | 15.86 | 204  | 138792   | 19.42 | ng/ul  | 97       |
| 61) 4-Nitroaniline             | 15.89 | 138  | 46857    | 18.73 | ng/ul  | 93       |
| 64) 4,6-Dinitro-2-methylphenol | 15.95 | 198  | 49086    | 18.36 | ng/ul# | 90       |
| 65) N-Nitrosodiphenylamine     | 16.08 | 169  | 206226   | 20.88 | ng/ul  | 96       |
| 66) 4-Bromophenyl-phenylether  | 16.76 | 248  | 94798    | 20.89 | ng/ul  | 97       |
| 67) Hexachlorobenzene          | 16.87 | 284  | 97836    | 20.31 | ng/ul  | 94       |
| 68) Atrazine                   | 17.02 | 200  | 90719    | 18.53 | ng/ul  | 92       |
| 69) Pentachlorophenol          | 17.22 | 266  | 56359    | 19.83 | ng/ul  | 91       |
| 70) Phenanthrene               | 17.62 | 178  | 374307   | 19.42 | ng/ul  | 95       |
| 72) Anthracene                 | 17.71 | 178  | 385484   | 19.62 | ng/ul  | 95       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.64 | 216  | 123528   | 22.33 | ng/uL  | 95       |
| 74) Pentachlorobenzene         | 15.15 | 250  | 121411   | 21.77 | ng/uL  | 96       |
| 75) Carbazole                  | 17.97 | 167  | 392196   | 25.02 | ng/ul  | 99       |
| 76) Di-n-butylphthalate        | 18.52 | 149  | 348743   | 17.95 | ng/ul  | 99       |
| 77) Fluoranthene               | 19.62 | 202  | 496059   | 19.88 | ng/ul# | 98       |
| 80) Pyrene                     | 19.98 | 202  | 494699   | 18.90 | ng/ul# | 93       |
| 81) Butylbenzylphthalate       | 20.85 | 149  | 157238   | 18.49 | ng/ul  | 97       |
| 82) 3,3'-Dichlorobenzidine     | 21.75 | 252  | 186005   | 20.36 | ng/ul# | 92       |
| 83) Benzo(a)anthracene         | 21.85 | 228  | 527268   | 19.42 | ng/ul  | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 21.73 | 149  | 226753   | 18.76 | ng/ul  | 97       |
| 85) Chrysene                   | 21.92 | 228  | 501290   | 19.68 | ng/ul  | 99       |
| 87) Di-n-octyl phthalate       | 23.00 | 149  | 392251   | 21.96 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 24.17 | 252  | 484368   | 20.82 | ng/ul# | 97       |
| 89) Benzo(k)fluoranthene       | 24.24 | 252  | 498848   | 22.28 | ng/ul  | 99       |
| 91) Benzo(a)pyrene             | 25.08 | 252  | 442576   | 19.80 | ng/ul# | 94       |
| 92) Indeno(1,2,3-cd)pyrene     | 29.12 | 276  | 349620   | 13.88 | ng/ul# | 98       |
| 93) Dibenzo(a,h)anthracene     | 29.18 | 278  | 335602   | 15.96 | ng/ul  | 96       |
| 94) Benzo(g,h,i)perylene       | 30.34 | 276  | 216603   | 11.33 | ng/ul# | 96       |

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Operator : UM/NP  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

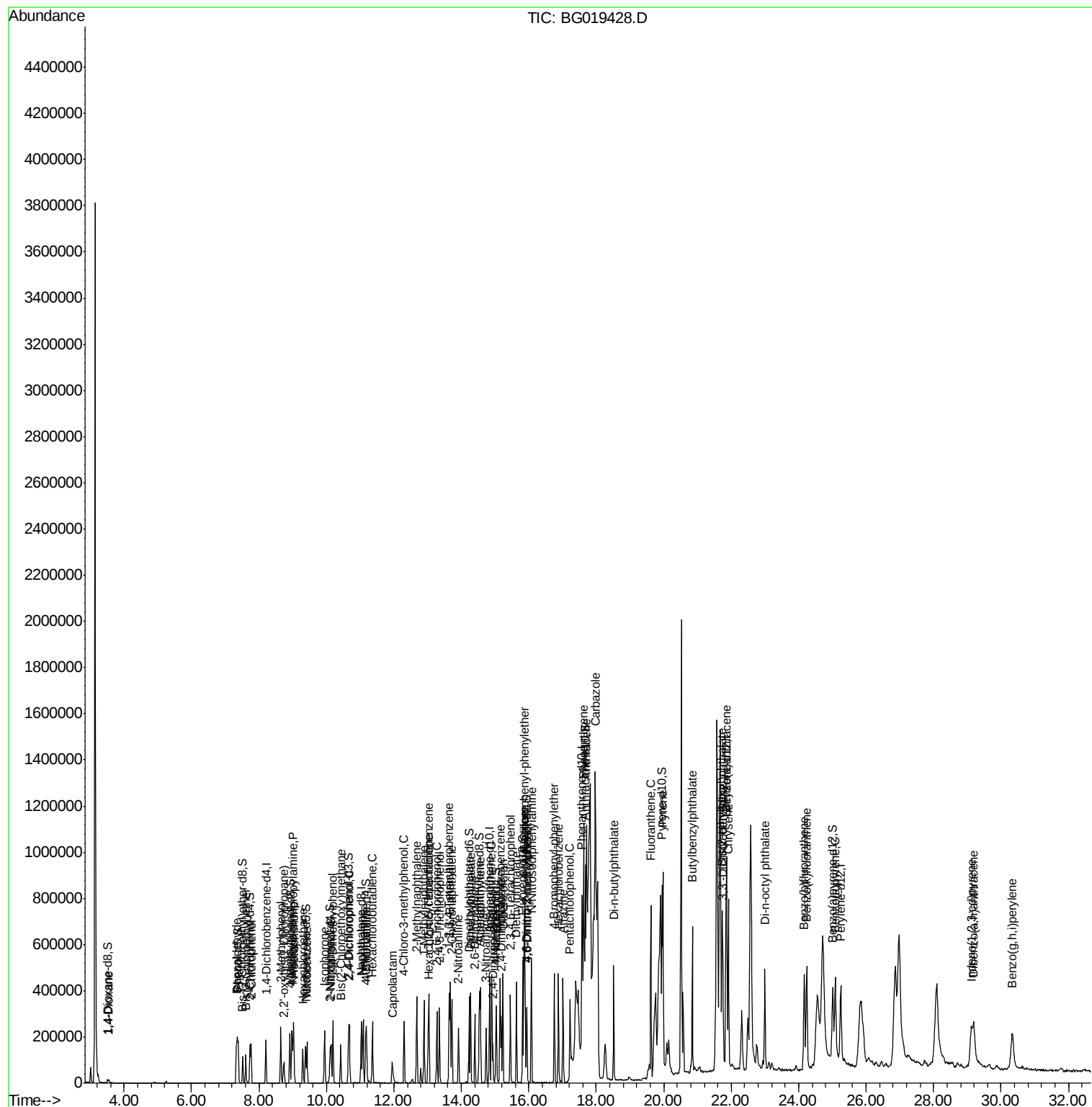
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02021

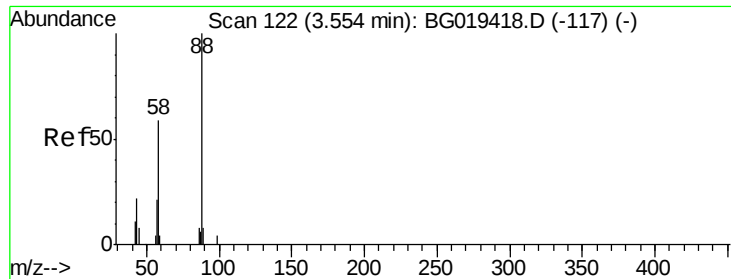
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Quant Title : SVOA CALIBRATION  
QLast Update : Fri Oct 30 04:25:10 2015  
Response via : Initial Calibration

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

**Instrument :**  
BNA\_G  
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Quant Title : SVOA CALIBRATION  
QLast Update : Fri Oct 30 04:25:10 2015  
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 7.75 ng/uL

RT: 3.55 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG019428.D

Acq: 30 Oct 2015 9:55

Instrument :

BNA\_G

ClientSampleId :

SSTD02021

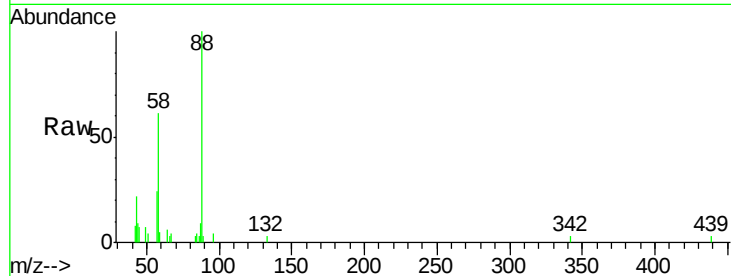
Tgt Ion: 88 Resp: 8509

Ion Ratio Lower Upper

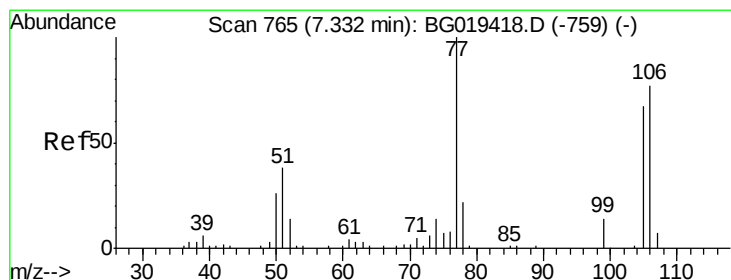
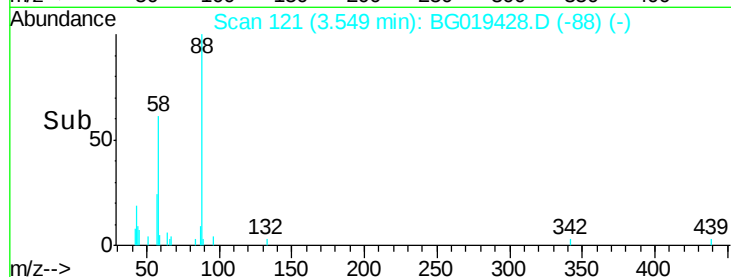
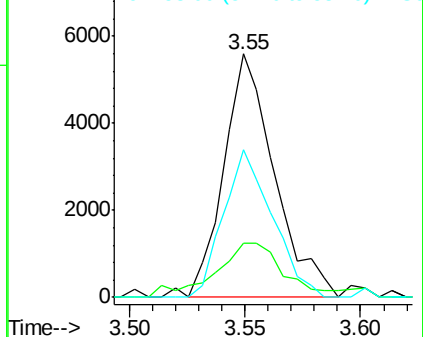
88 100

43 22.1 29.8 44.8#

58 60.9 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: 24.55 ng/uL

RT: 7.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG019428.D

Acq: 30 Oct 2015 9:55

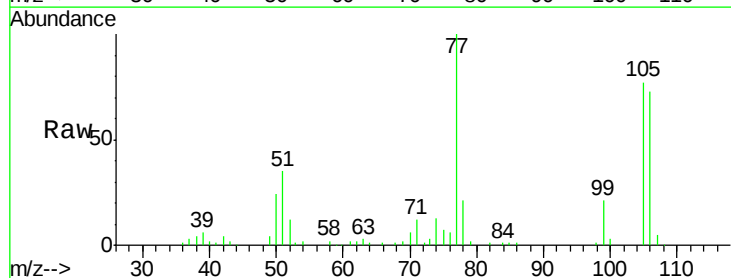
Tgt Ion: 77 Resp: 67727

Ion Ratio Lower Upper

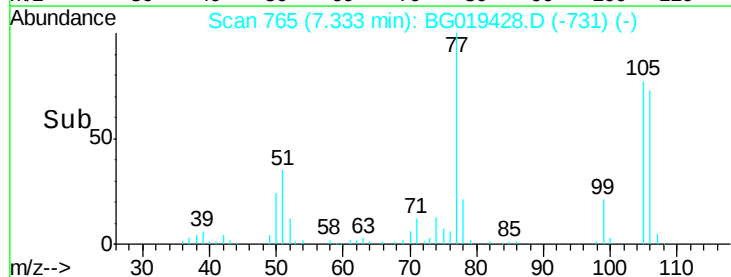
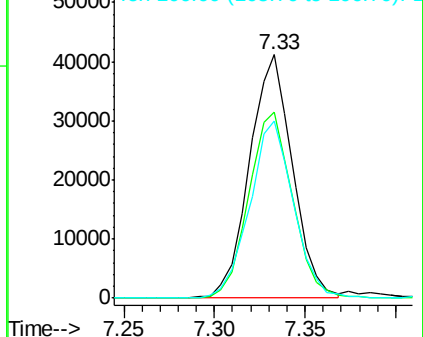
77 100

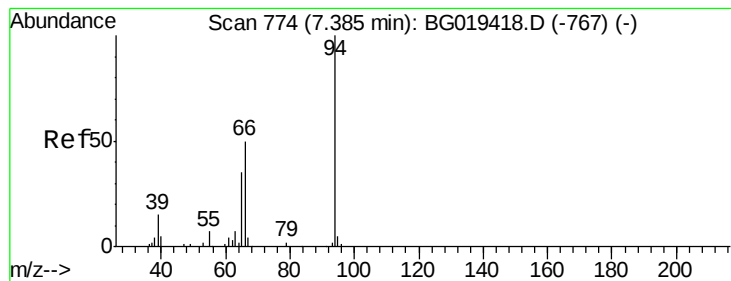
105 76.6 61.6 92.4

106 72.5 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: 22.61 ng/ul

RT: 7.38 min Scan# 773

Delta R.T. -0.01 min

Lab File: BG019428.D

Acq: 30 Oct 2015 9:55

Instrument :

BNA\_G

ClientSampleId :

SSTD02021

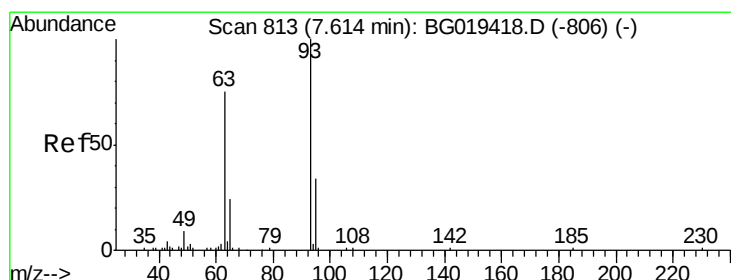
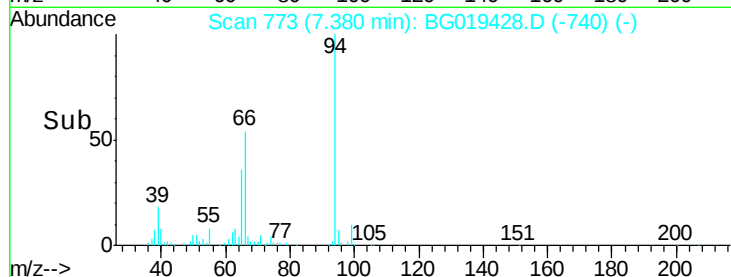
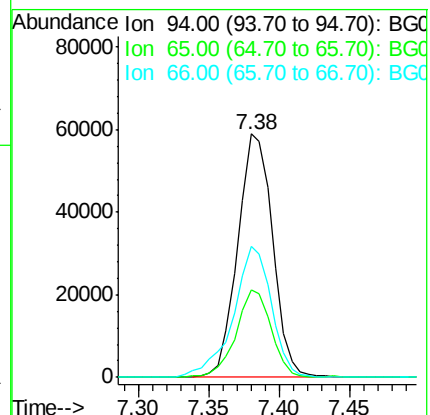
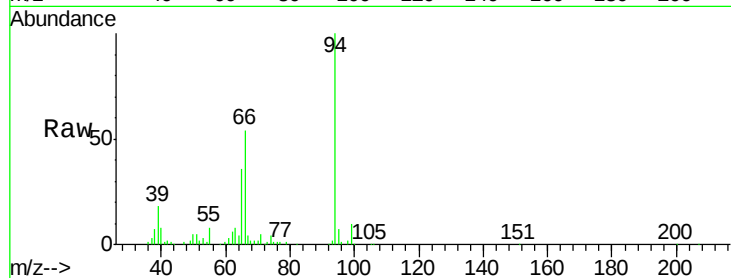
Tgt Ion: 94 Resp: 102169

Ion Ratio Lower Upper

94 100

65 35.8 29.3 43.9

66 53.9 45.0 67.6



#8

Bis(2-Chloroethyl)ether

Concen: 21.58 ng/ul

RT: 7.61 min Scan# 812

Delta R.T. -0.01 min

Lab File: BG019428.D

Acq: 30 Oct 2015 9:55

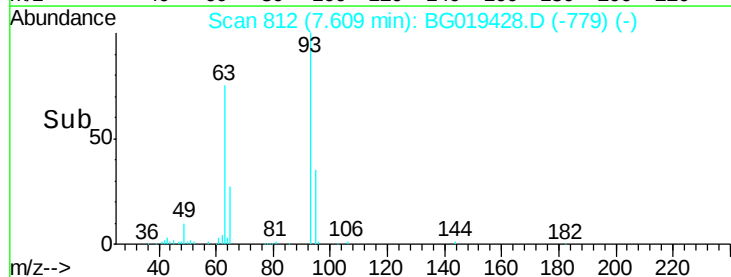
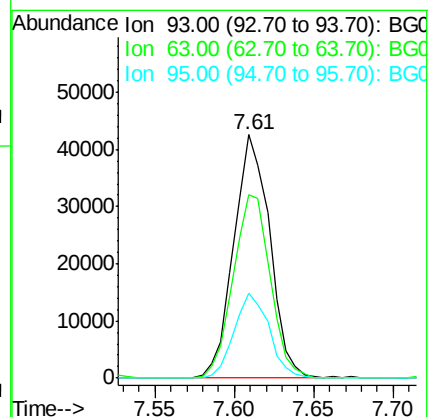
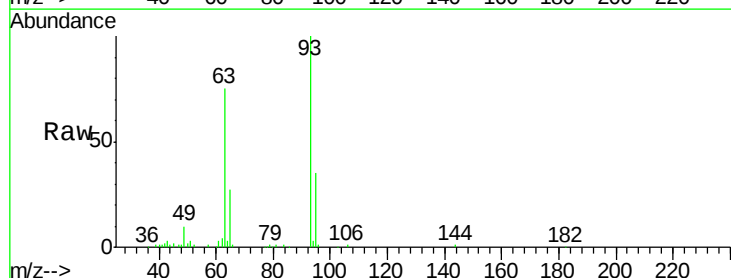
Tgt Ion: 93 Resp: 67000

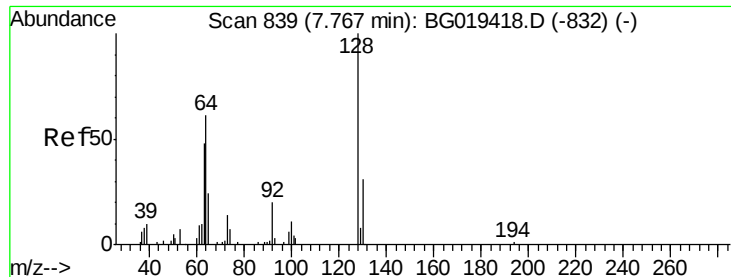
Ion Ratio Lower Upper

93 100

63 75.5 57.8 86.6

95 35.1 25.6 38.4

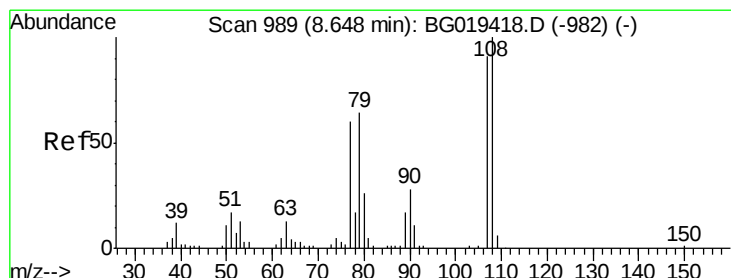
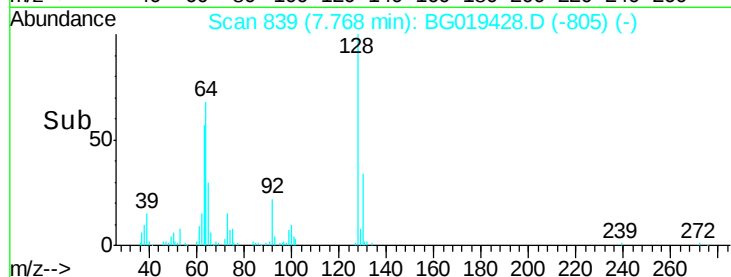
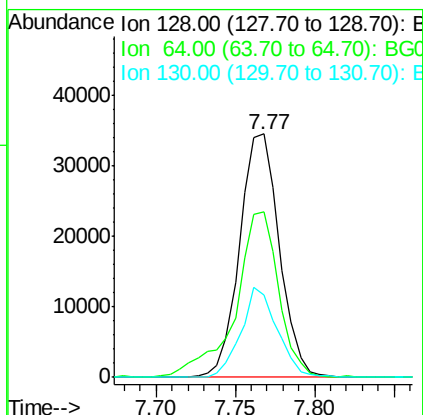
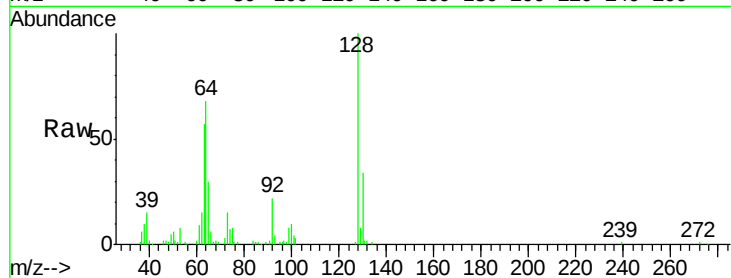




#10  
2-Chlorophenol  
Concen: 22.00 ng/ul  
RT: 7.77 min Scan# 839  
Delta R.T. 0.00 min  
Lab File: BG019428.D  
Acq: 30 Oct 2015 9:55

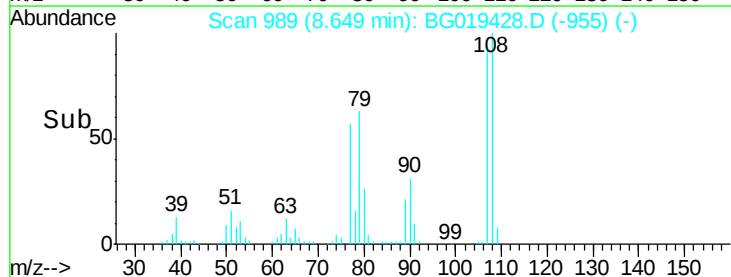
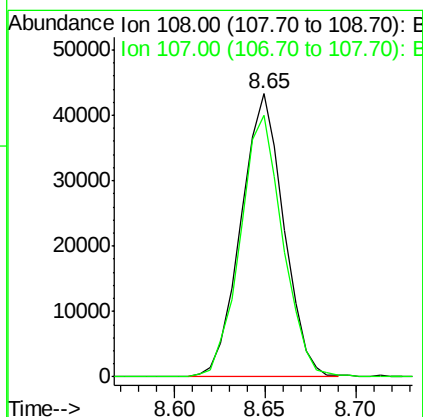
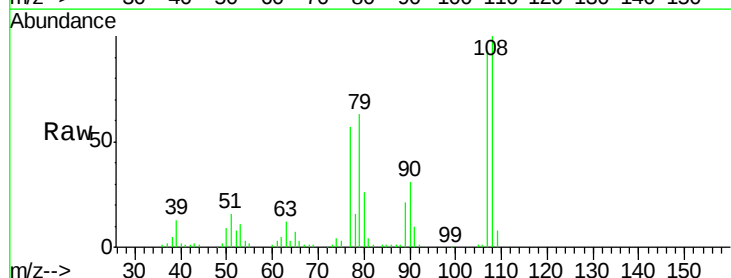
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02021

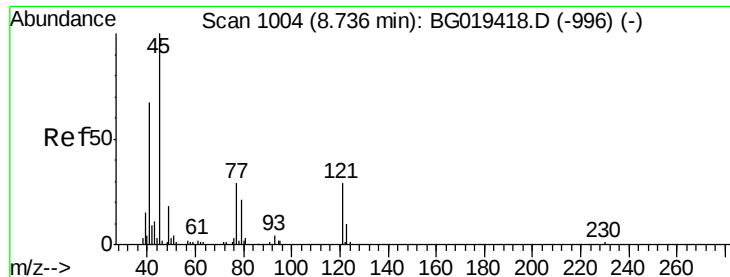
Tgt Ion:128 Resp: 59964  
Ion Ratio Lower Upper  
128 100  
64 68.0 53.2 79.8  
130 34.0 25.9 38.9



#11  
2-Methylphenol  
Concen: 21.19 ng/ul  
RT: 8.65 min Scan# 989  
Delta R.T. 0.00 min  
Lab File: BG019428.D  
Acq: 30 Oct 2015 9:55

Tgt Ion:108 Resp: 70812  
Ion Ratio Lower Upper  
108 100  
107 92.6 71.2 106.8

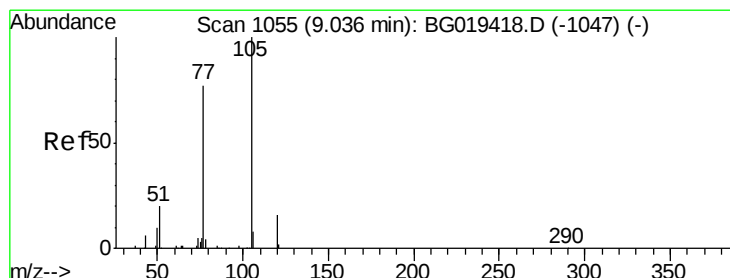
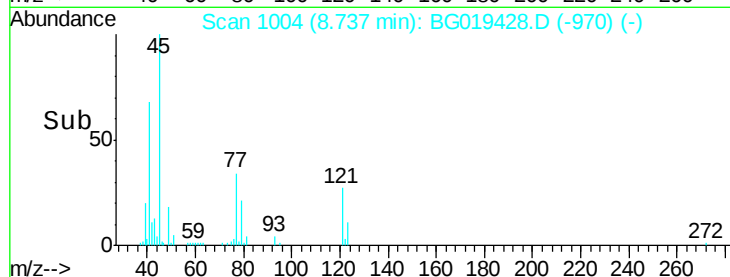
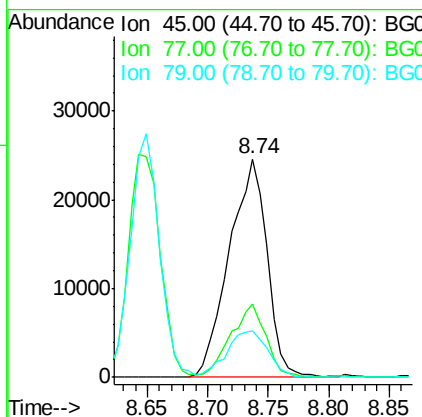
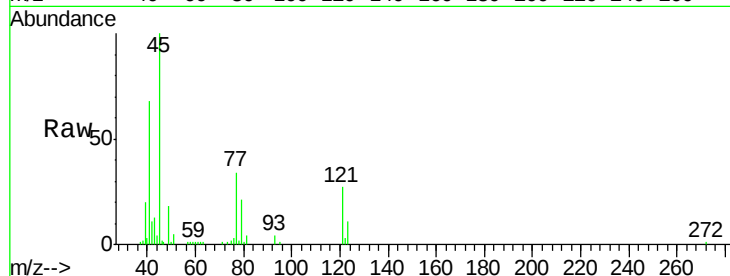




#12  
 2,2'-oxybis(1-chloropropane)  
 Concen: 21.53 ng/ul  
 RT: 8.74 min Scan# 1004  
 Delta R.T. 0.00 min  
 Lab File: BG019428.D  
 Acq: 30 Oct 2015 9:55

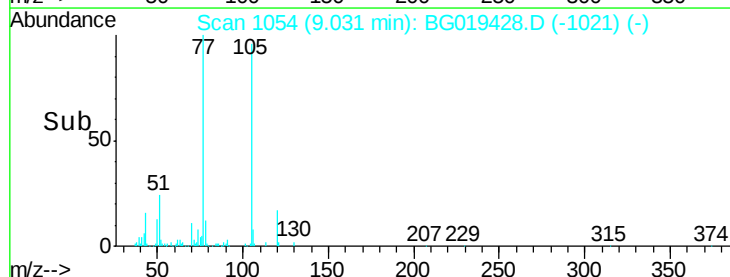
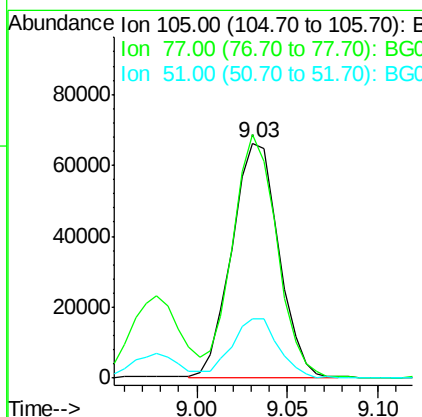
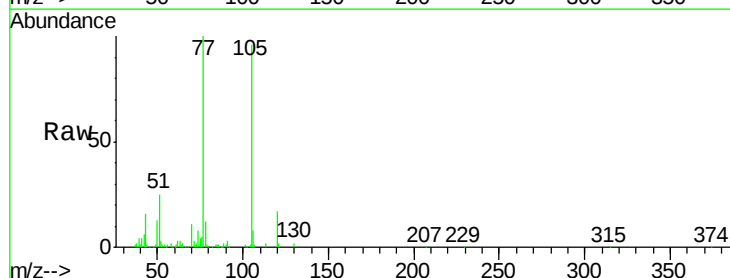
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02021

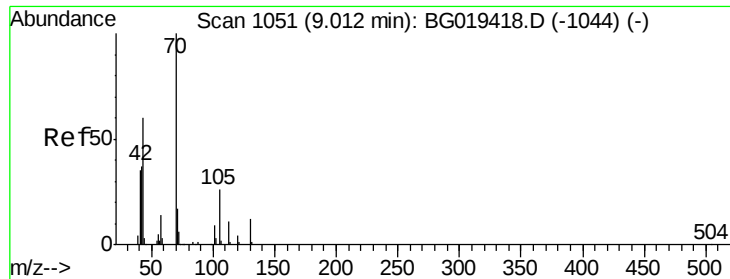
Tgt Ion: 45 Resp: 53566  
 Ion Ratio Lower Upper  
 45 100  
 77 33.7 26.2 39.2  
 79 21.2 18.6 28.0



#14  
 Acetophenone  
 Concen: 21.11 ng/ul  
 RT: 9.03 min Scan# 1054  
 Delta R.T. -0.01 min  
 Lab File: BG019428.D  
 Acq: 30 Oct 2015 9:55

Tgt Ion: 105 Resp: 119713  
 Ion Ratio Lower Upper  
 105 100  
 77 103.7 69.5 104.3  
 51 25.5 21.8 32.6

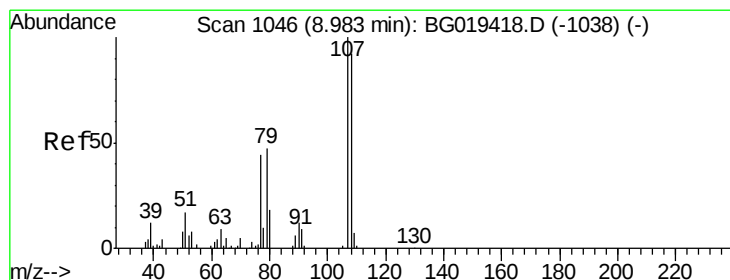
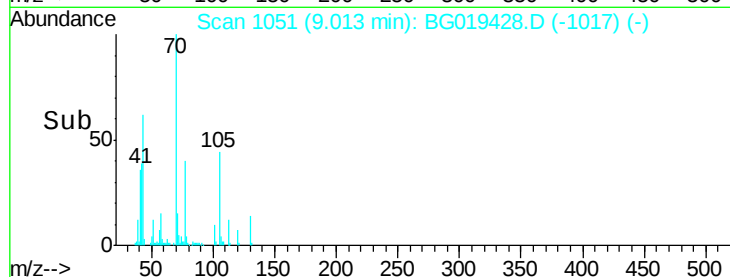
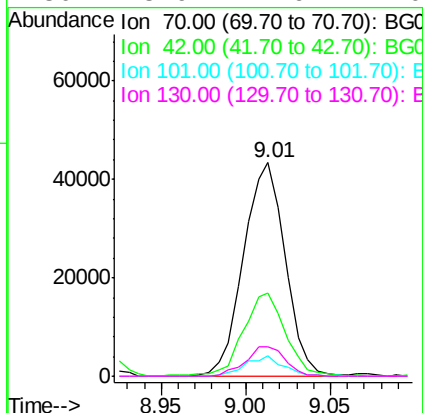
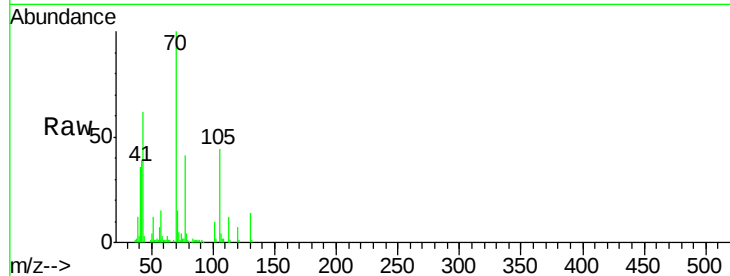




#15  
N-Nitroso-di-n-propylamine  
Concen: 20.02 ng/ul  
RT: 9.01 min Scan# 1051  
Delta R.T. 0.00 min  
Lab File: BG019428.D  
Acq: 30 Oct 2015 9:55

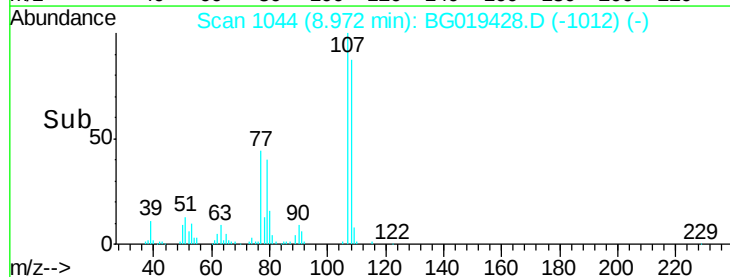
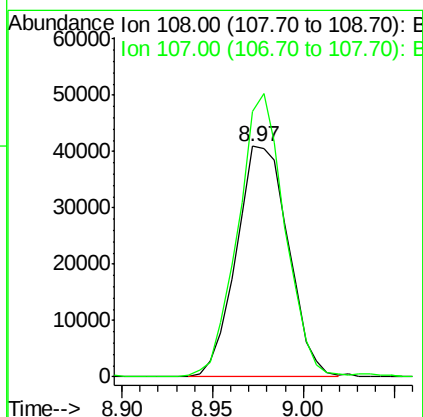
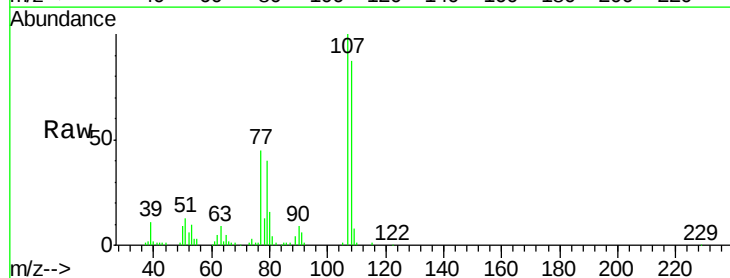
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02021

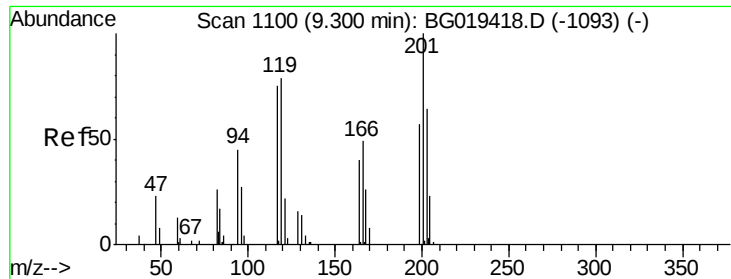
Tgt Ion: 70 Resp: 74445  
Ion Ratio Lower Upper  
70 100  
42 38.8 36.6 55.0  
101 9.7 5.8 8.8#  
130 13.9 14.6 22.0#



#16  
4-Methylphenol  
Concen: 22.36 ng/ul  
RT: 8.97 min Scan# 1044  
Delta R.T. -0.01 min  
Lab File: BG019428.D  
Acq: 30 Oct 2015 9:55

Tgt Ion: 108 Resp: 81617  
Ion Ratio Lower Upper  
108 100  
107 114.9 85.4 128.2





#17

Hexachloroethane

Concen: 17.76 ng/ul

RT: 9.30 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BG019428.D

Acq: 30 Oct 2015 9:55

Instrument :

BNA\_G

ClientSampleId :

SSTD02021

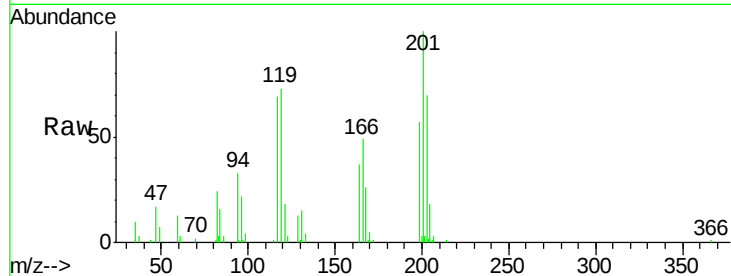
Tgt Ion:117 Resp: 25291

Ion Ratio Lower Upper

117 100

201 149.6 101.4 152.0

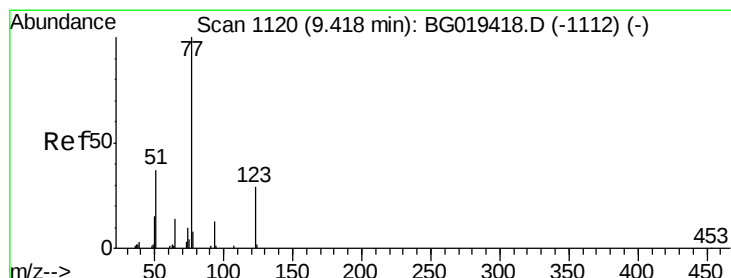
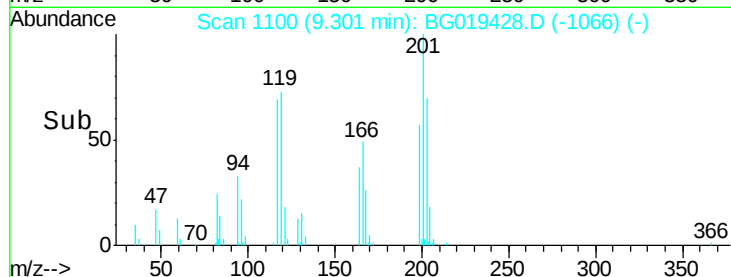
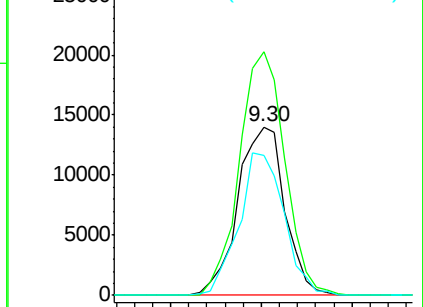
199 83.0 71.7 107.5



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: 20.35 ng/ul

RT: 9.42 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BG019428.D

Acq: 30 Oct 2015 9:55

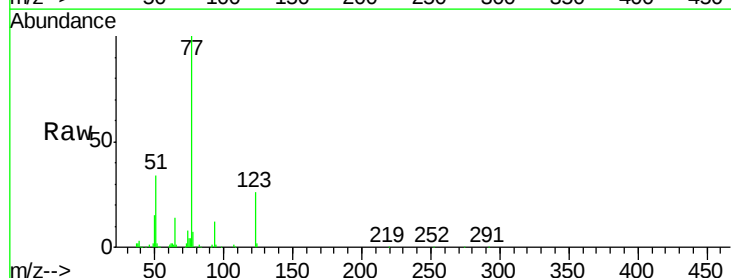
Tgt Ion: 77 Resp: 115833

Ion Ratio Lower Upper

77 100

123 26.5 23.4 35.2

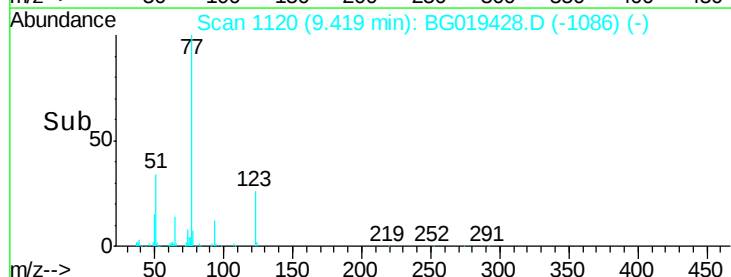
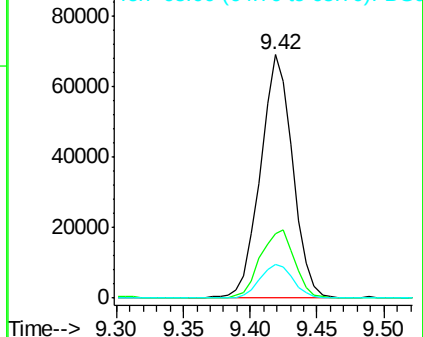
65 13.7 11.6 17.4

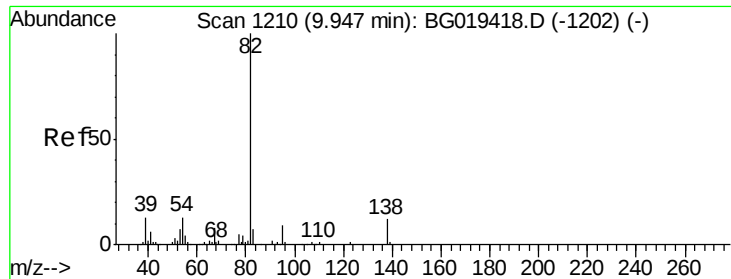


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

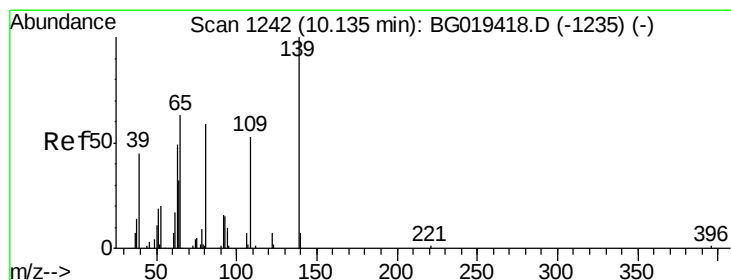
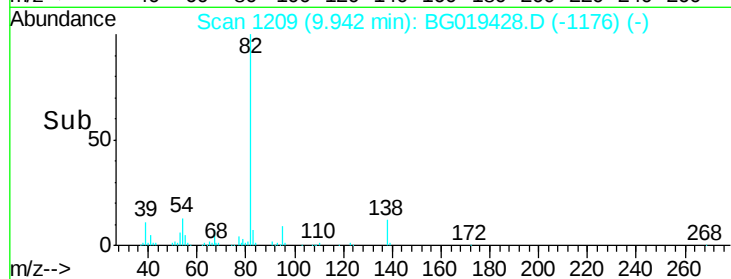
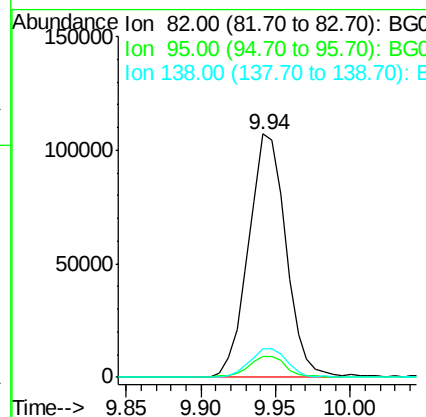
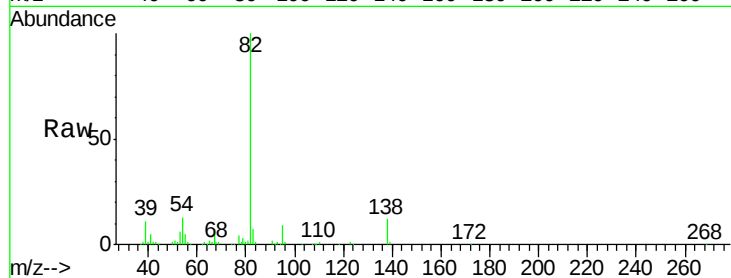




#21  
Isophorone  
Concen: 18.00 ng/ul  
RT: 9.94 min Scan# 1209  
Delta R.T. -0.01 min  
Lab File: BG019428.D  
Acq: 30 Oct 2015 9:55

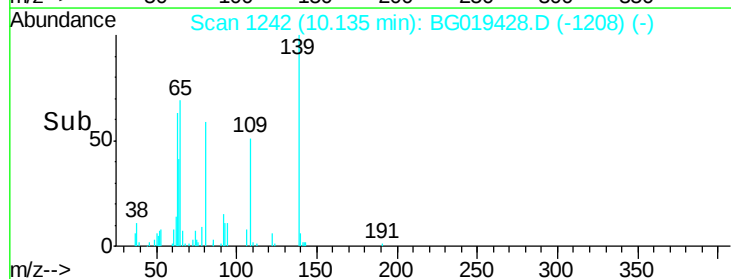
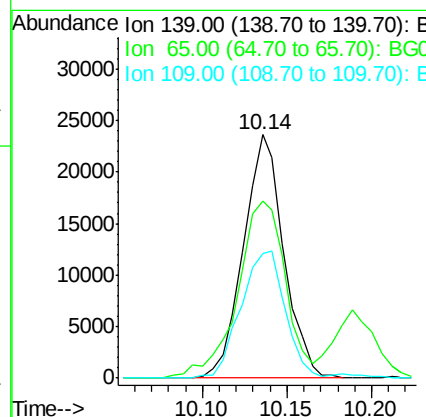
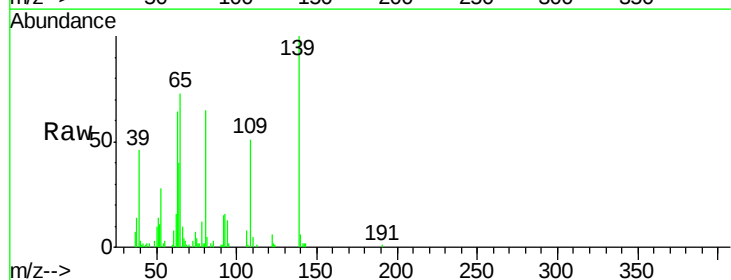
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02021

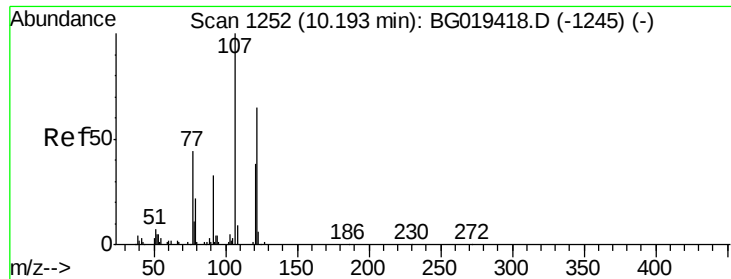
Tgt Ion: 82 Resp: 185614  
Ion Ratio Lower Upper  
82 100  
95 8.5 6.7 10.1  
138 12.0 10.8 16.2



#23  
2-Nitrophenol  
Concen: 19.90 ng/ul  
RT: 10.14 min Scan# 1242  
Delta R.T. 0.00 min  
Lab File: BG019428.D  
Acq: 30 Oct 2015 9:55

Tgt Ion: 139 Resp: 39053  
Ion Ratio Lower Upper  
139 100  
65 72.6 51.0 76.4  
109 51.2 50.6 75.8

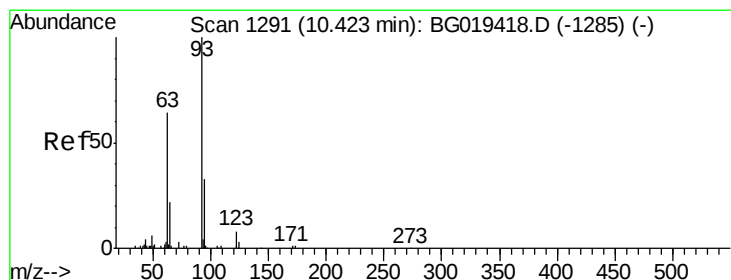
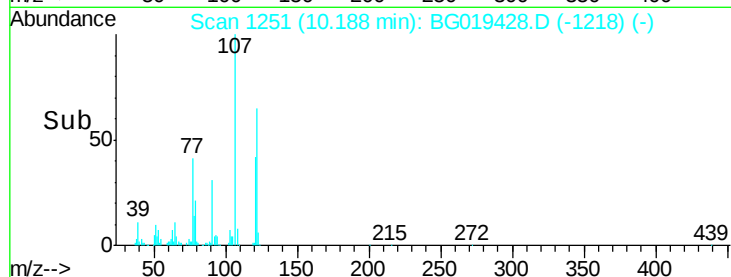
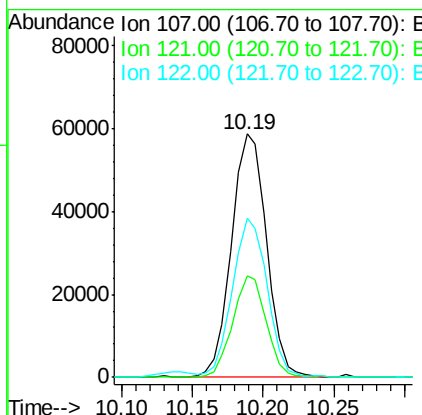
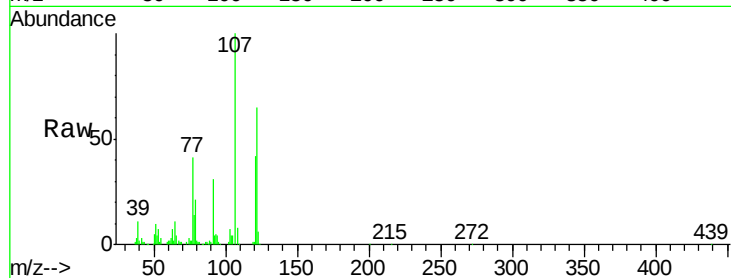




#24  
 2,4-Dimethylphenol  
 Concen: 19.85 ng/ul  
 RT: 10.19 min Scan# 1251  
 Delta R.T. -0.01 min  
 Lab File: BG019428.D  
 Acq: 30 Oct 2015 9:55

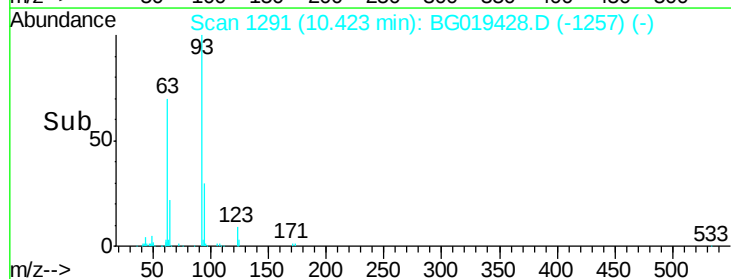
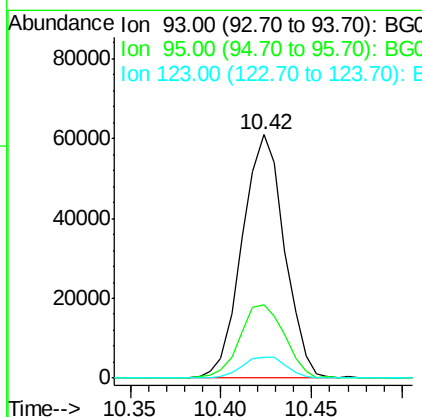
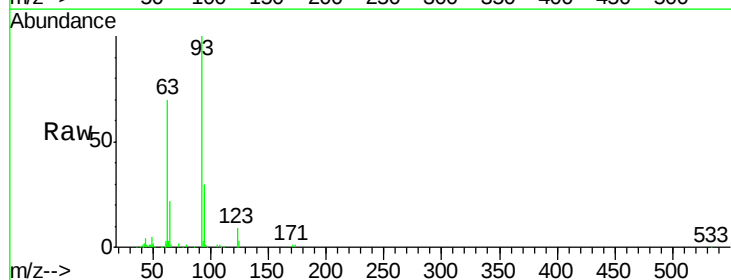
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02021

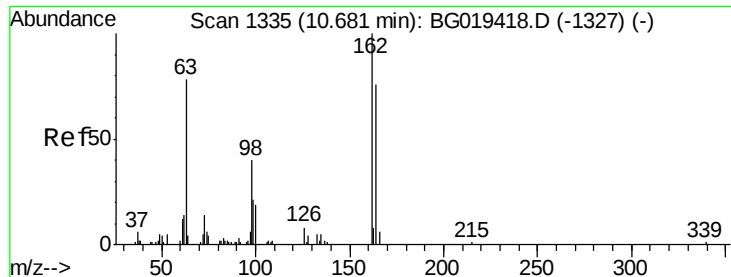
Tgt Ion: 107 Resp: 101782  
 Ion Ratio Lower Upper  
 107 100  
 121 41.9 33.0 49.4  
 122 65.3 54.2 81.2



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 20.29 ng/ul  
 RT: 10.42 min Scan# 1291  
 Delta R.T. 0.00 min  
 Lab File: BG019428.D  
 Acq: 30 Oct 2015 9:55

Tgt Ion: 93 Resp: 99060  
 Ion Ratio Lower Upper  
 93 100  
 95 29.9 26.1 39.1  
 123 8.7 8.2 12.2

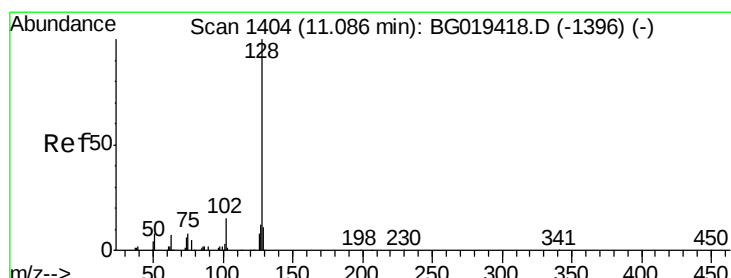
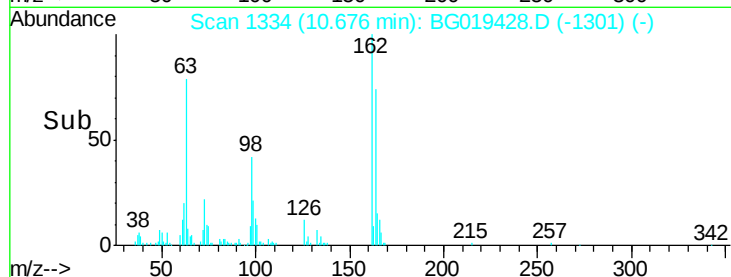
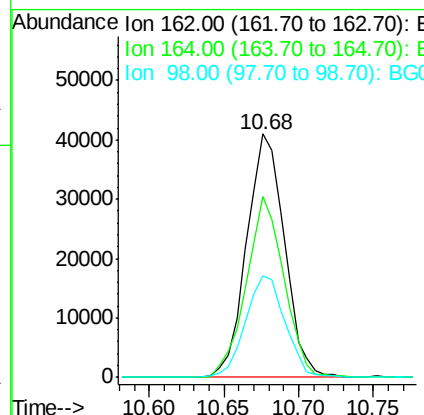
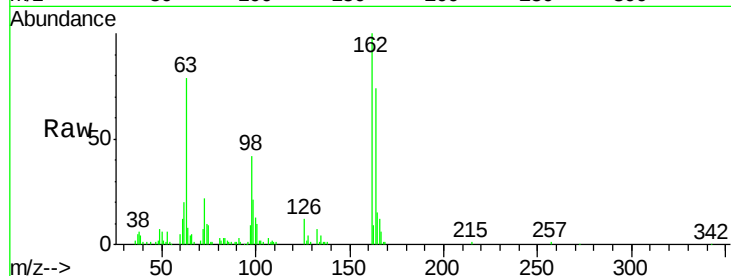




#27  
2,4-Dichlorophenol  
Concen: 20.03 ng/ul  
RT: 10.68 min Scan# 1334  
Delta R.T. -0.01 min  
Lab File: BG019428.D  
Acq: 30 Oct 2015 9:55

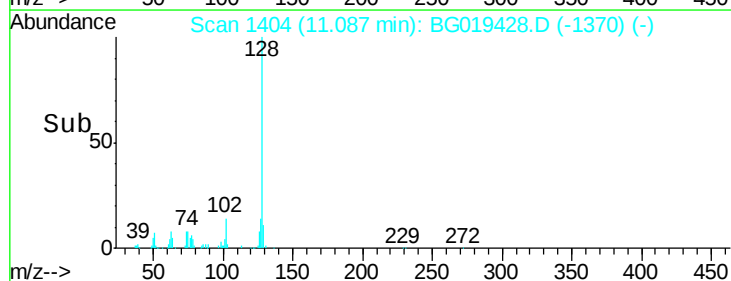
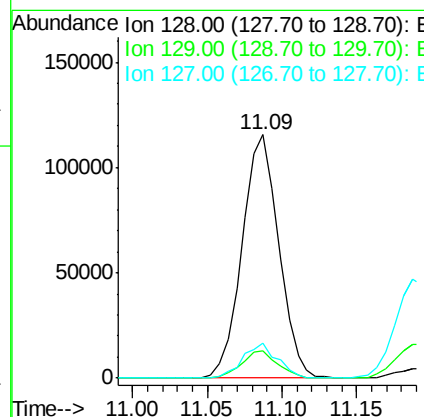
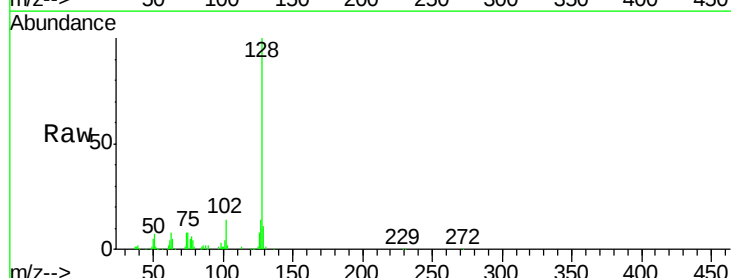
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02021

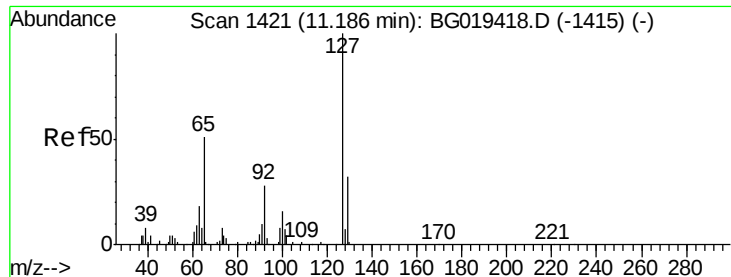
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 74.2  | 52.1  | 78.1  |
| 98      | 41.5  | 26.9  | 40.3  |



#28  
Naphthalene  
Concen: 19.88 ng/ul  
RT: 11.09 min Scan# 1404  
Delta R.T. 0.00 min  
Lab File: BG019428.D  
Acq: 30 Oct 2015 9:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.2  | 8.9   | 13.3  |
| 127     | 14.2  | 13.1  | 19.7  |

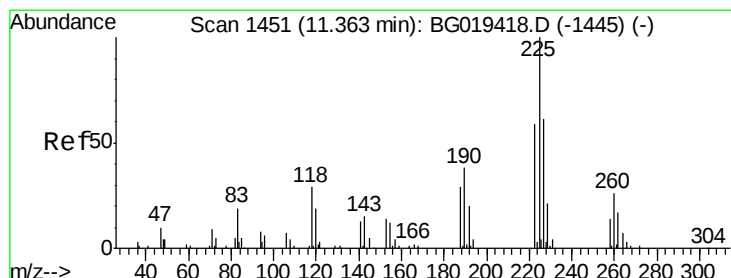
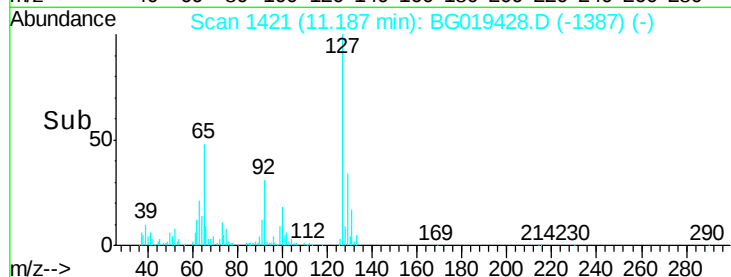
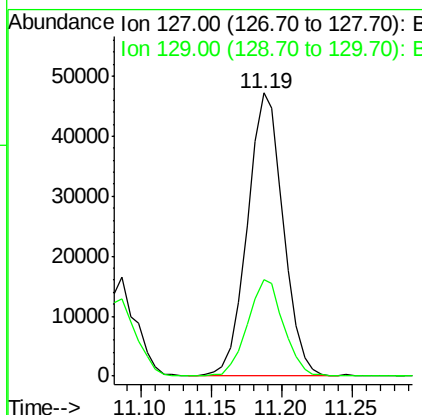
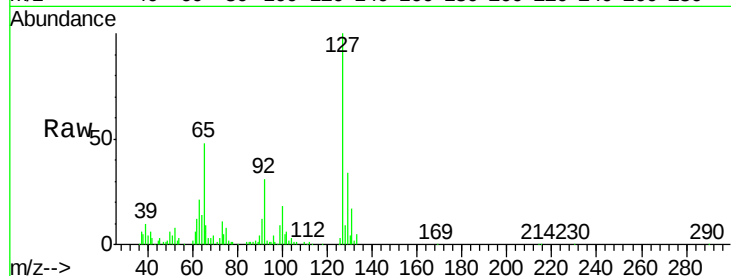




#30  
4-Chloroaniline  
Concen: 21.15 ng/ul  
RT: 11.19 min Scan# 1421  
Delta R.T. 0.00 min  
Lab File: BG019428.D  
Acq: 30 Oct 2015 9:55

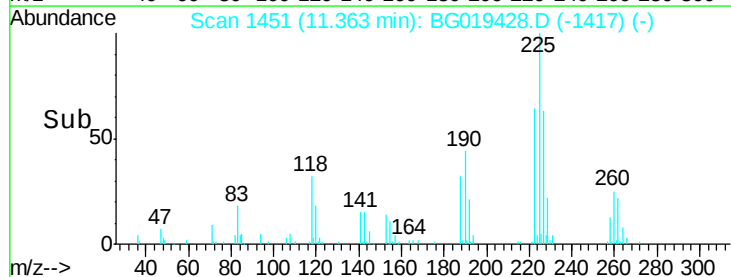
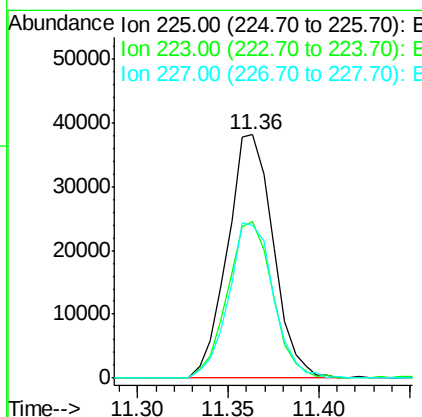
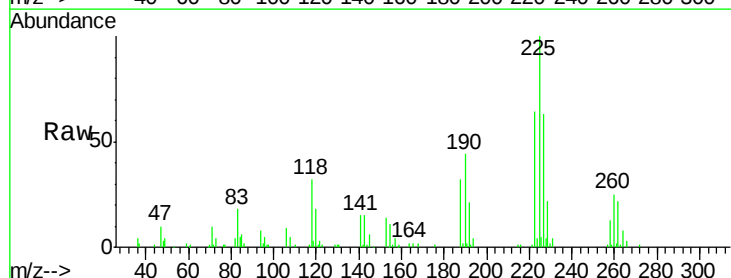
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02021

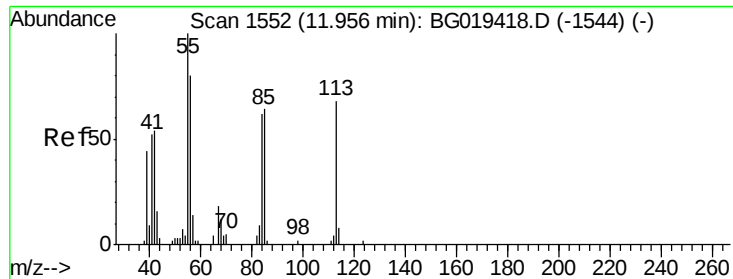
Tgt Ion:127 Resp: 84114  
Ion Ratio Lower Upper  
127 100  
129 34.0 24.6 36.8



#31  
Hexachlorobutadiene  
Concen: 18.30 ng/ul  
RT: 11.36 min Scan# 1451  
Delta R.T. 0.00 min  
Lab File: BG019428.D  
Acq: 30 Oct 2015 9:55

Tgt Ion:225 Resp: 67007  
Ion Ratio Lower Upper  
225 100  
223 61.6 56.2 84.2  
227 63.5 51.3 76.9





#32

Caprolactam

Concen: 15.30 ng/ul

RT: 11.95 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BG019428.D

Acq: 30 Oct 2015 9:55

Instrument :

BNA\_G

ClientSampleId :

SSTD02021

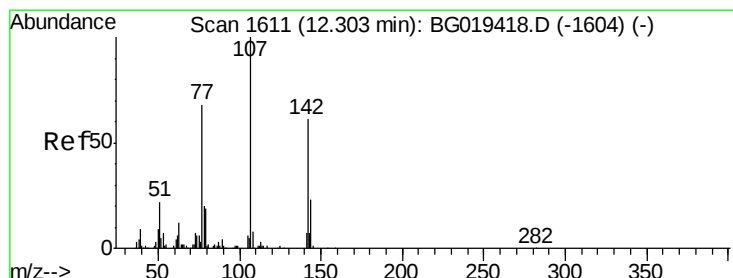
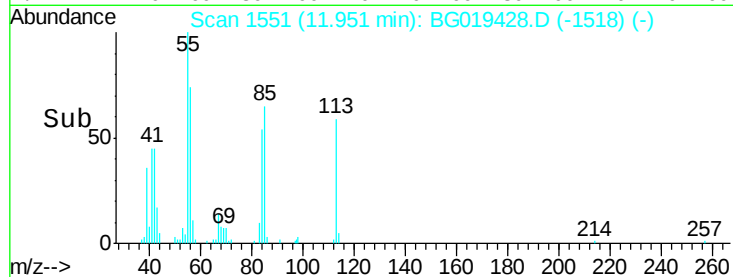
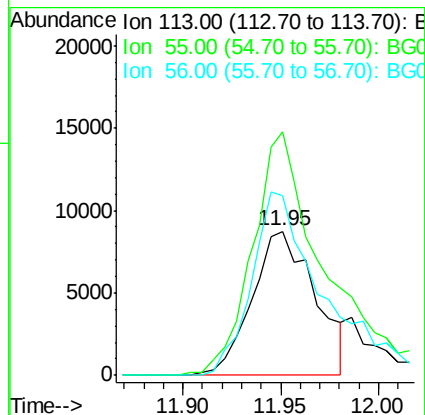
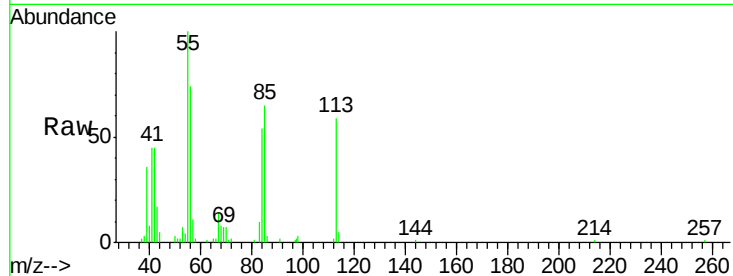
Tgt Ion:113 Resp: 19653

Ion Ratio Lower Upper

113 100

55 168.7 93.1 139.7#

56 124.9 79.9 119.9#



#33

4-Chloro-3-methylphenol

Concen: 20.84 ng/ul

RT: 12.30 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BG019428.D

Acq: 30 Oct 2015 9:55

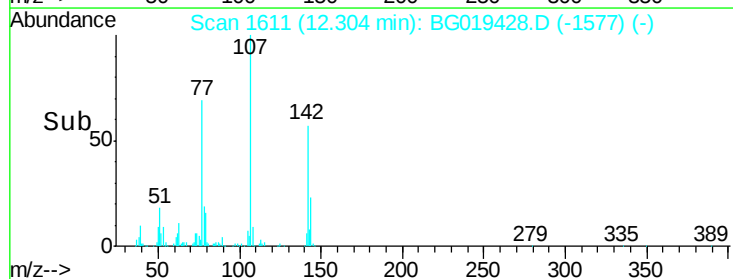
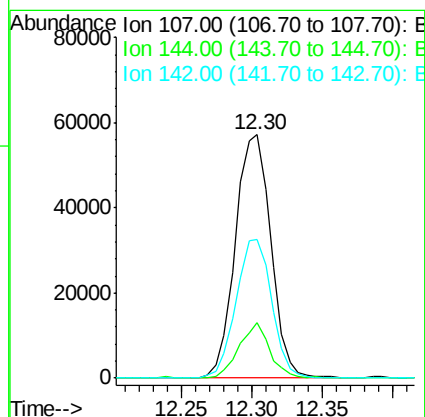
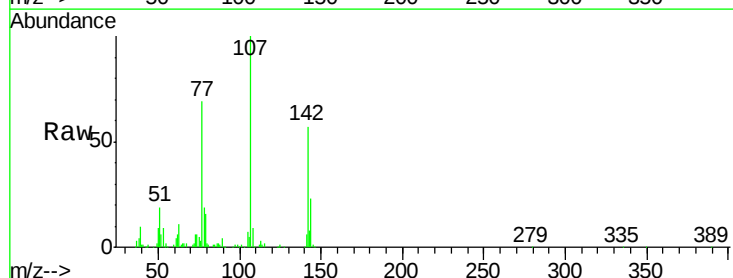
Tgt Ion:107 Resp: 100251

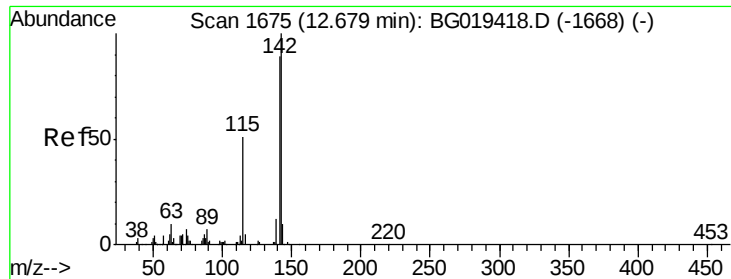
Ion Ratio Lower Upper

107 100

144 22.8 13.0 19.6#

142 57.0 47.0 70.6

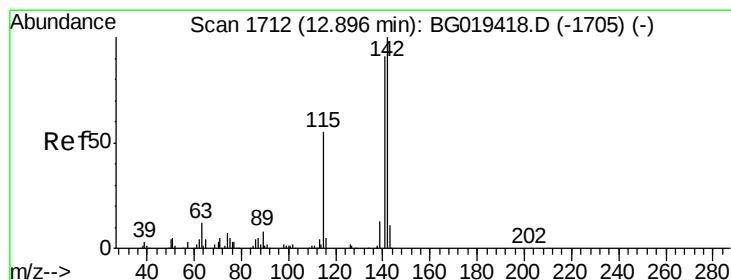
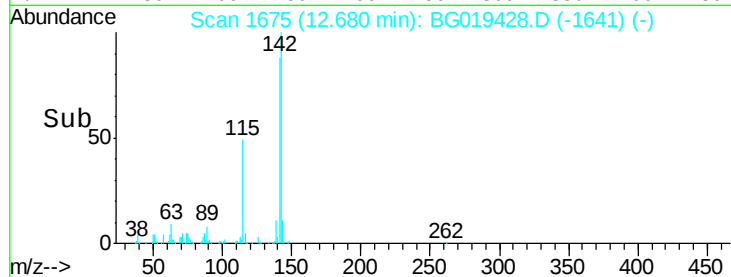
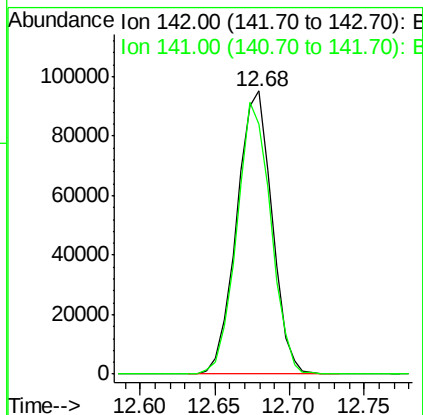
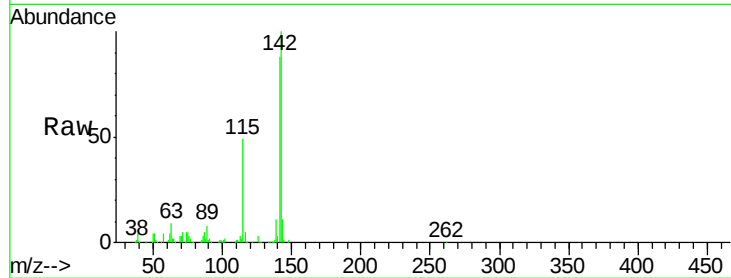




#34  
2-Methylnaphthalene  
Concen: 19.59 ng/ul  
RT: 12.68 min Scan# 1675  
Delta R.T. 0.00 min  
Lab File: BG019428.D  
Acq: 30 Oct 2015 9:55

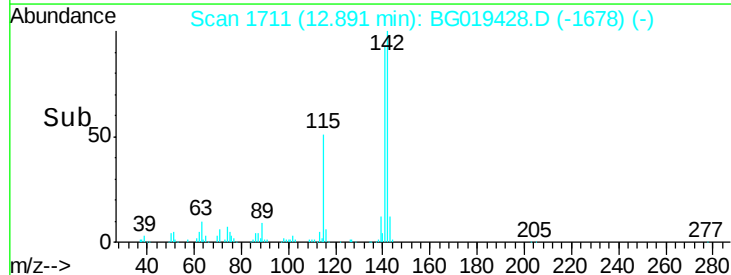
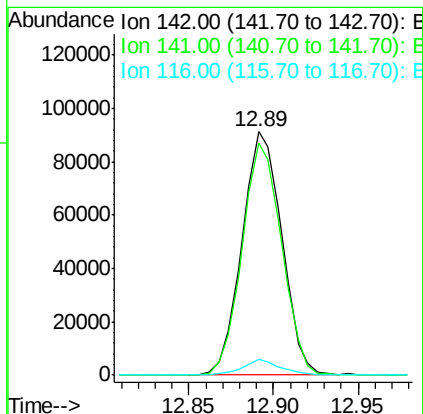
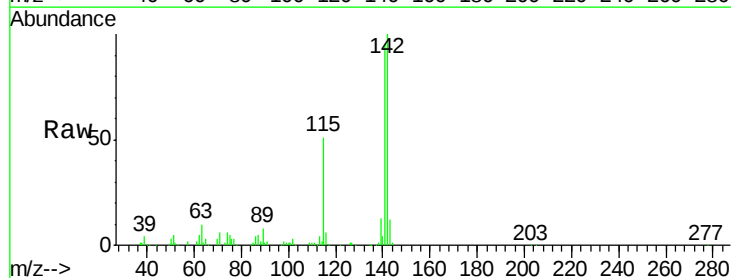
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02021

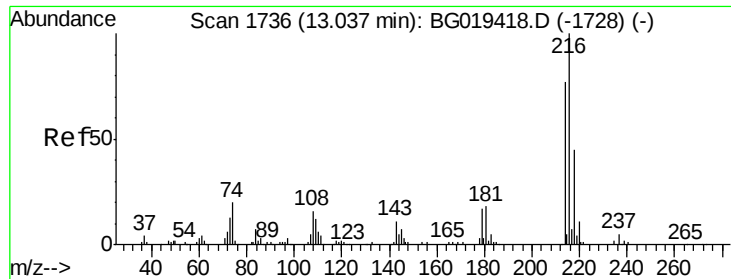
Tgt Ion:142 Resp: 156032  
Ion Ratio Lower Upper  
142 100  
141 88.1 73.4 110.2



#35  
1-Methylnaphthalene  
Concen: 19.89 ng/ul  
RT: 12.89 min Scan# 1711  
Delta R.T. -0.01 min  
Lab File: BG019428.D  
Acq: 30 Oct 2015 9:55

Tgt Ion:142 Resp: 149879  
Ion Ratio Lower Upper  
142 100  
141 95.4 76.5 114.7  
116 6.4 5.4 8.0

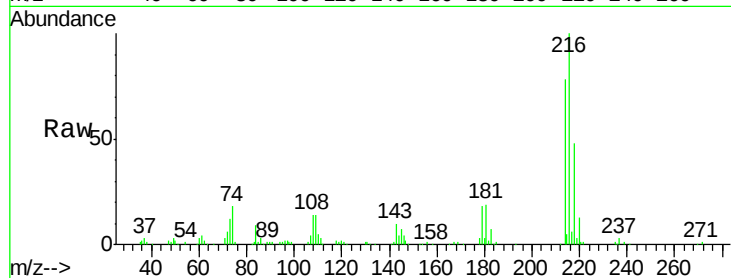




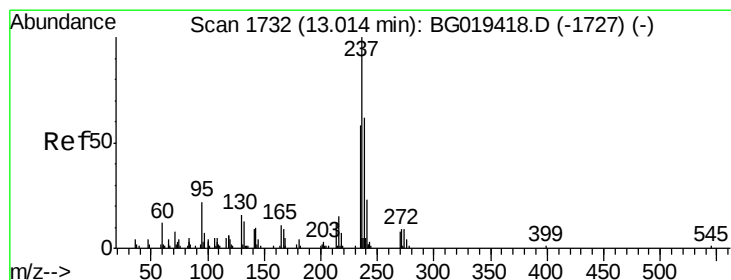
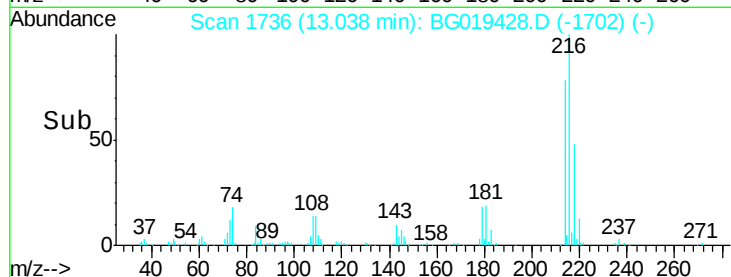
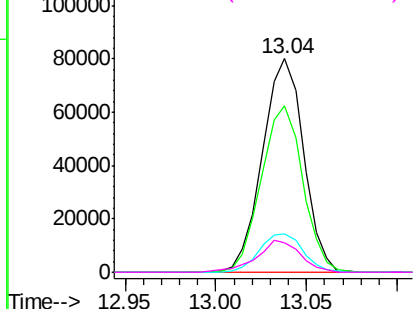
#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 20.73 ng/ul  
 RT: 13.04 min Scan# 1736  
 Delta R.T. 0.00 min  
 Lab File: BG019428.D  
 Acq: 30 Oct 2015 9:55

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02021

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 126585 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 78.1  | 62.2  | 93.2   |
| 179      | 17.7  | 18.7  | 28.1#  |
| 108      | 13.8  | 12.2  | 18.4   |

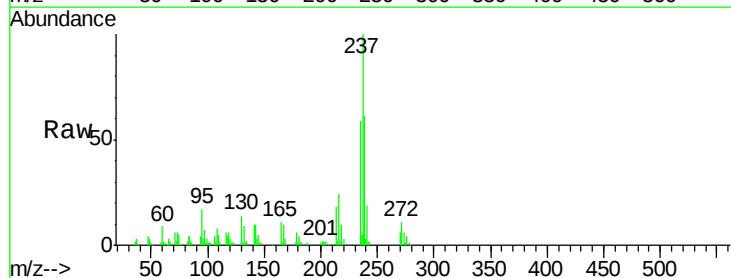


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

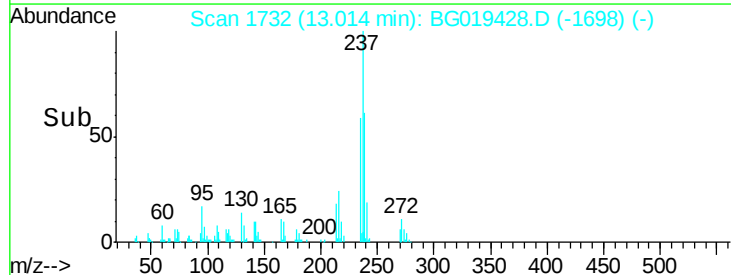
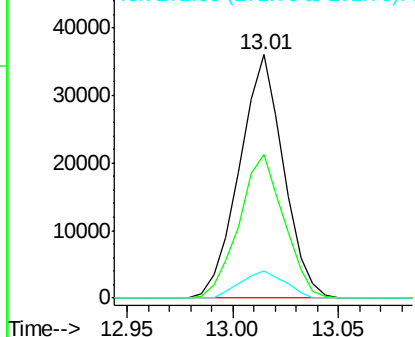


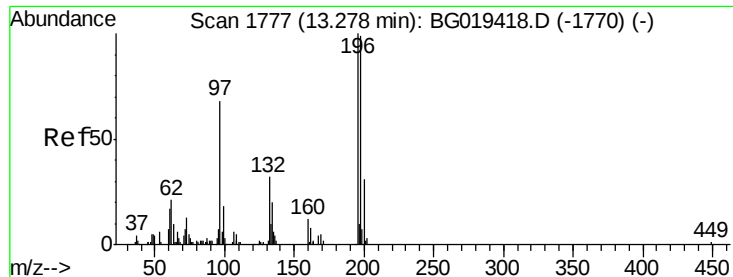
#38  
 Hexachlorocyclopentadiene  
 Concen: 11.51 ng/ul  
 RT: 13.01 min Scan# 1732  
 Delta R.T. 0.00 min  
 Lab File: BG019428.D  
 Acq: 30 Oct 2015 9:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 52164 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 59.0  | 51.0  | 76.6  |
| 272      | 11.0  | 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

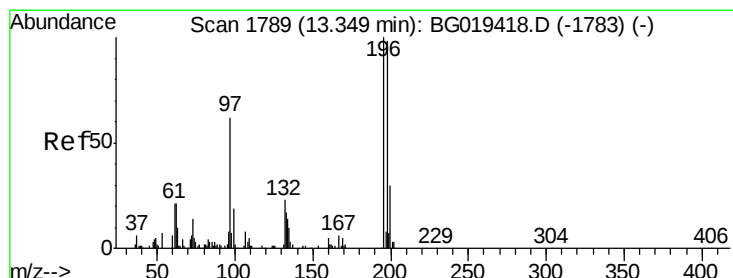
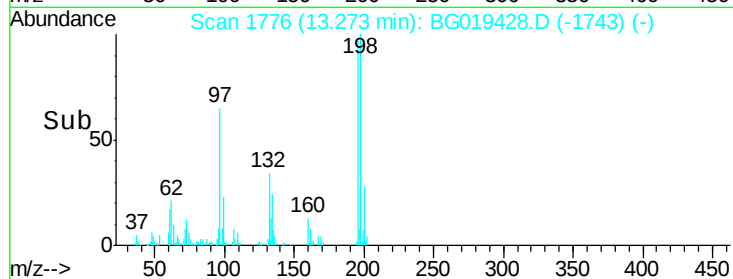
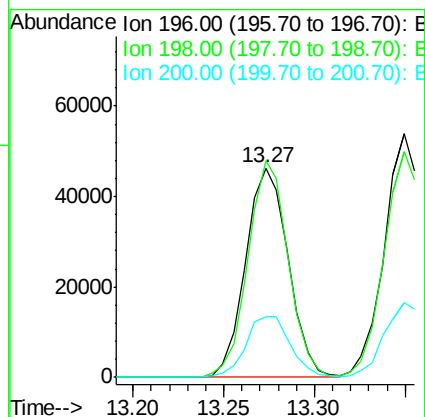
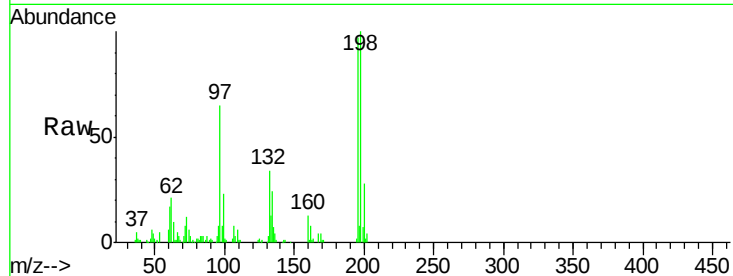




#39  
 2,4,6-Trichlorophenol  
 Concen: 21.10 ng/ul  
 RT: 13.27 min Scan# 1776  
 Delta R.T. -0.01 min  
 Lab File: BG019428.D  
 Acq: 30 Oct 2015 9:55

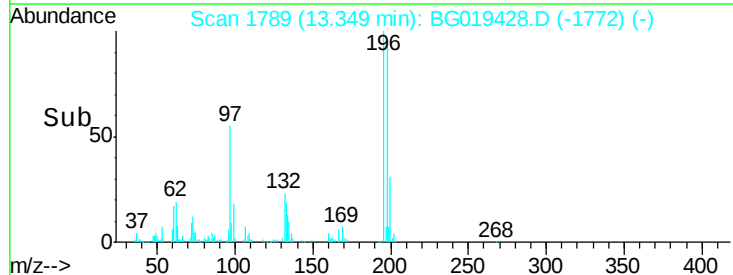
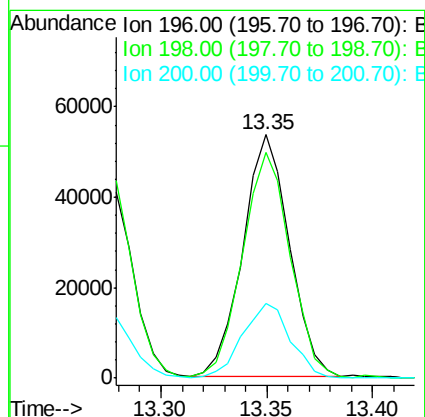
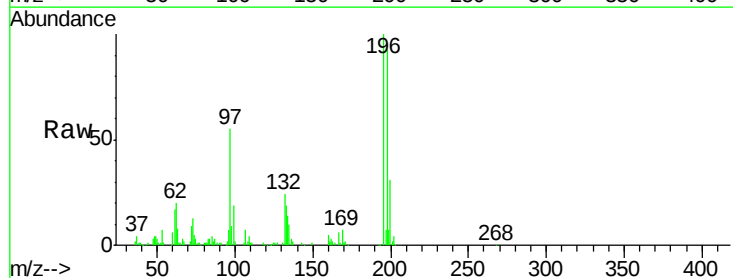
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02021

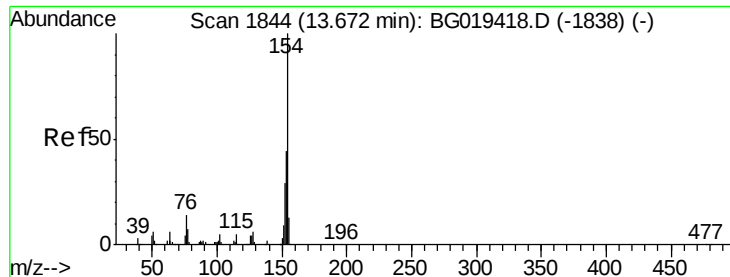
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 103.3 | 69.4  | 104.2 |
| 200     | 29.0  | 25.4  | 38.0  |



#40  
 2,4,5-Trichlorophenol  
 Concen: 20.56 ng/ul  
 RT: 13.35 min Scan# 1789  
 Delta R.T. 0.00 min  
 Lab File: BG019428.D  
 Acq: 30 Oct 2015 9:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 92.8  | 75.8  | 113.8 |
| 200     | 30.9  | 22.6  | 33.8  |





#41

1,1'-Biphenyl

Concen: 20.50 ng/ul

RT: 13.67 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BG019428.D

Acq: 30 Oct 2015 9:55

Instrument :

BNA\_G

ClientSampleId :

SSTD02021

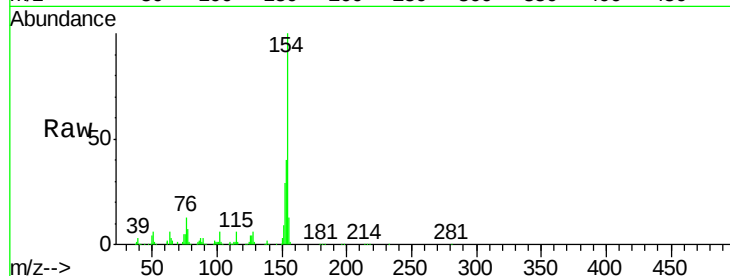
Tgt Ion:154 Resp: 214743

Ion Ratio Lower Upper

154 100

153 40.3 32.8 49.2

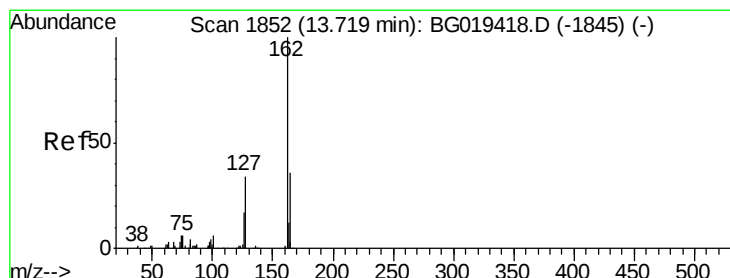
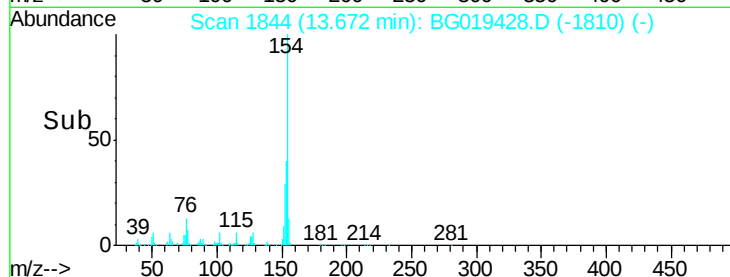
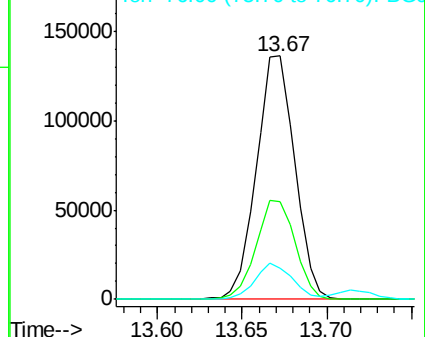
76 12.6 7.7 11.5#



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: 20.83 ng/ul

RT: 13.72 min Scan# 1852

Delta R.T. 0.00 min

Lab File: BG019428.D

Acq: 30 Oct 2015 9:55

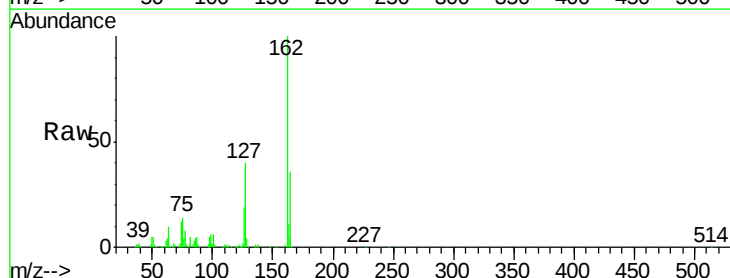
Tgt Ion:162 Resp: 170193

Ion Ratio Lower Upper

162 100

164 36.2 30.1 45.1

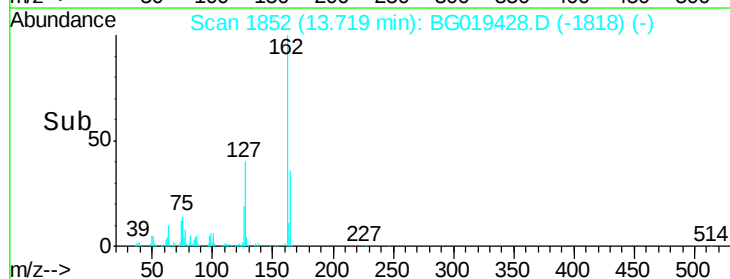
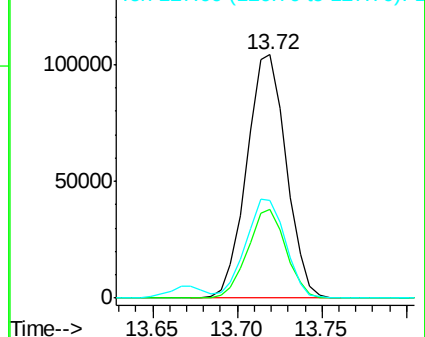
127 40.2 32.8 49.2

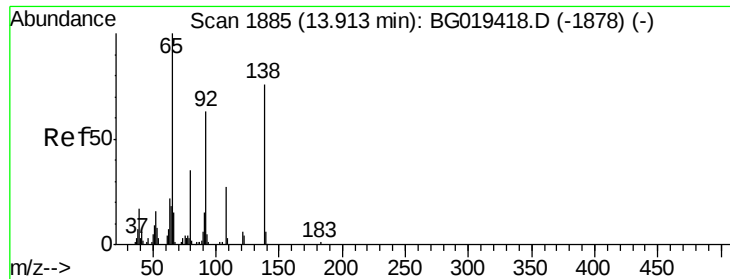


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E





#43

2-Nitroaniline

Concen: 20.90 ng/ul

RT: 13.91 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BG019428.D

Acq: 30 Oct 2015 9:55

Instrument :

BNA\_G

ClientSampleId :

SSTD02021

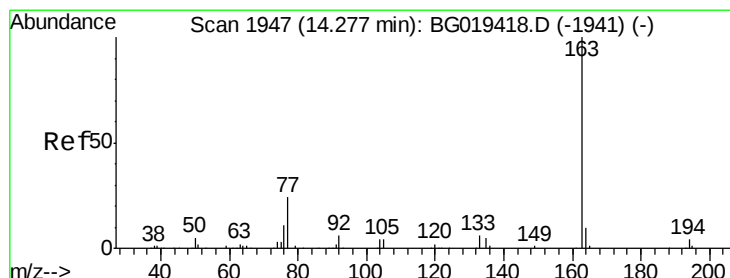
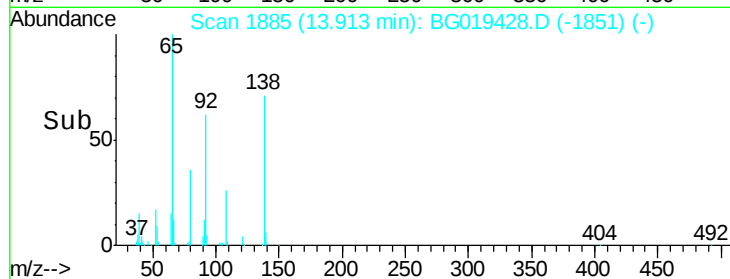
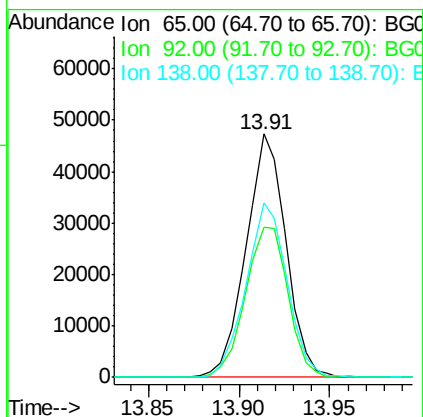
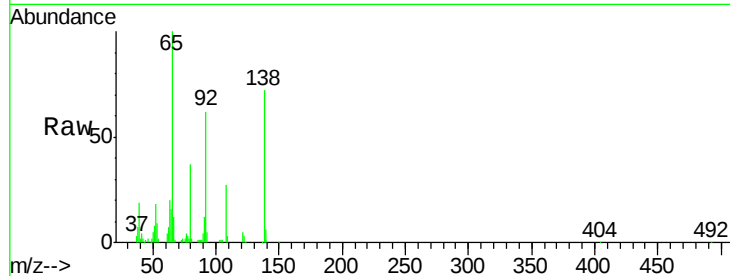
Tgt Ion: 65 Resp: 73018

Ion Ratio Lower Upper

65 100

92 61.6 54.9 82.3

138 71.9 64.4 96.6



#45

Dimethylphthalate

Concen: 18.95 ng/ul

RT: 14.28 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BG019428.D

Acq: 30 Oct 2015 9:55

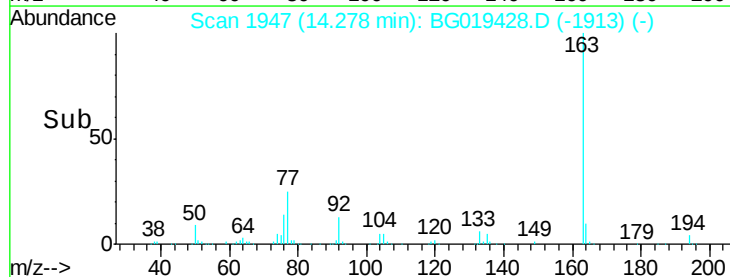
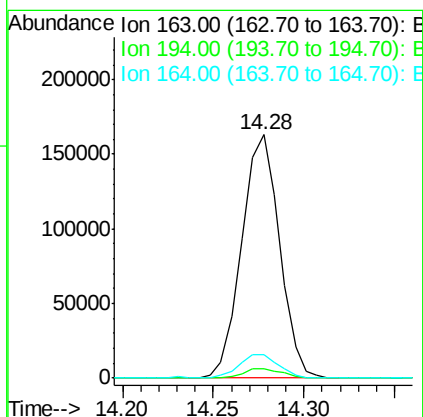
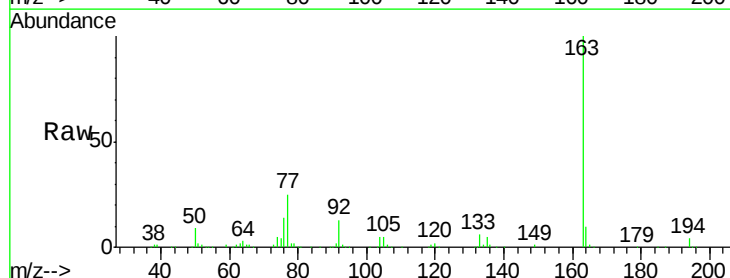
Tgt Ion: 163 Resp: 236790

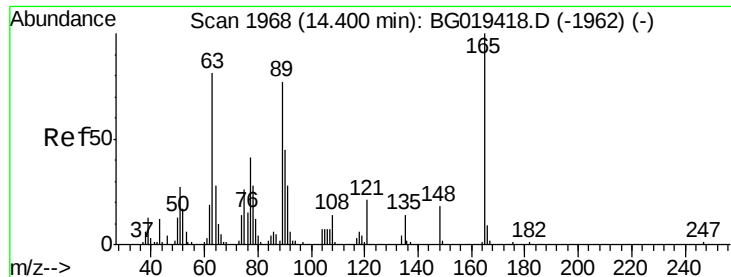
Ion Ratio Lower Upper

163 100

194 4.0 4.3 6.5#

164 9.8 7.5 11.3

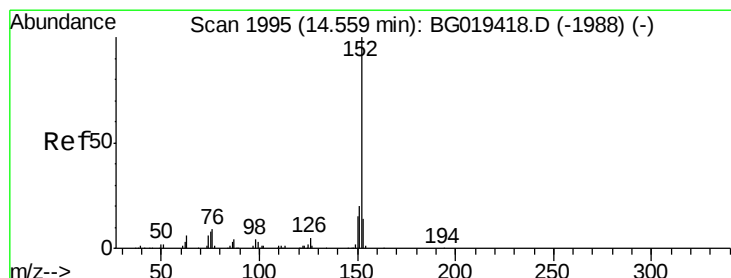
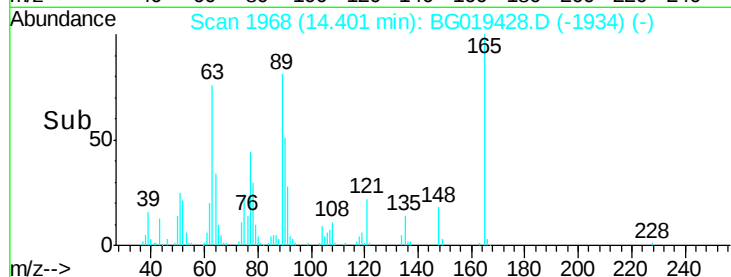
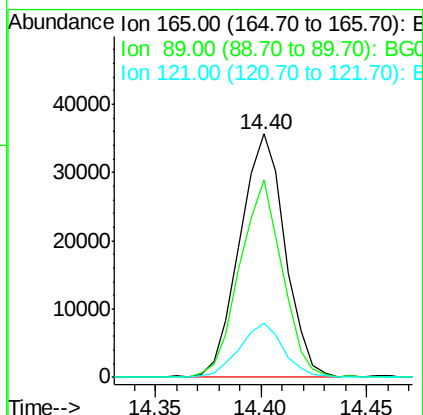
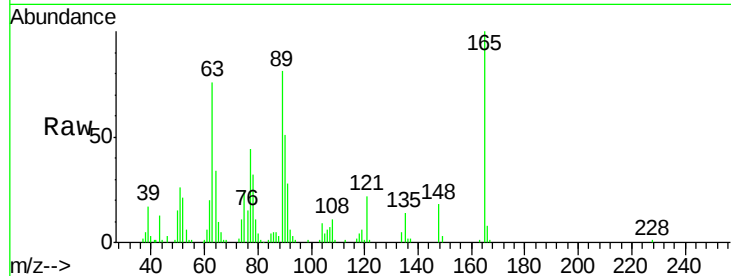




#46  
2,6-Dinitrotoluene  
Concen: 20.95 ng/ul  
RT: 14.40 min Scan# 1968  
Delta R.T. 0.00 min  
Lab File: BG019428.D  
Acq: 30 Oct 2015 9:55

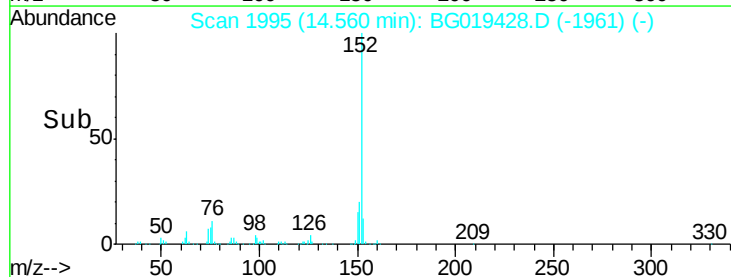
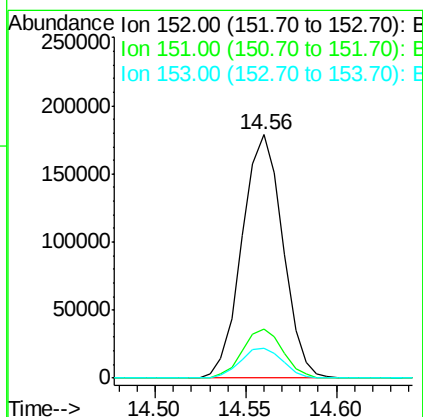
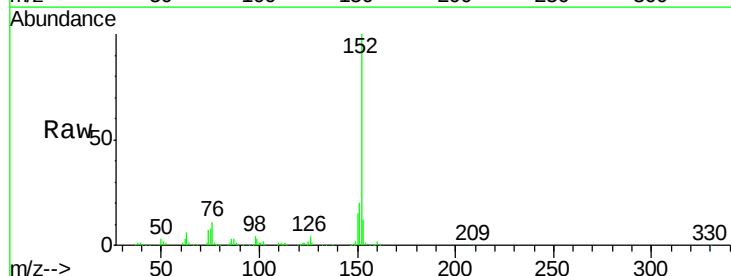
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02021

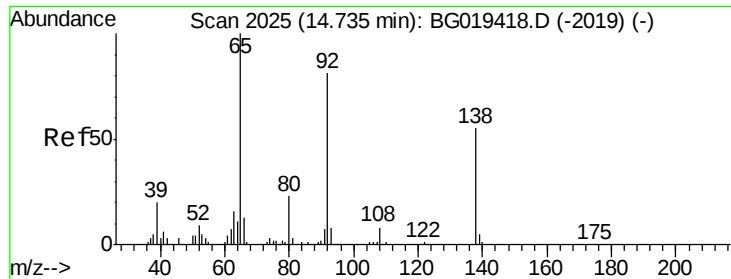
Tgt Ion:165 Resp: 52971  
Ion Ratio Lower Upper  
165 100  
89 81.4 66.7 100.1  
121 22.4 17.0 25.4



#48  
Acenaphthylene  
Concen: 20.23 ng/ul  
RT: 14.56 min Scan# 1995  
Delta R.T. 0.00 min  
Lab File: BG019428.D  
Acq: 30 Oct 2015 9:55

Tgt Ion:152 Resp: 280475  
Ion Ratio Lower Upper  
152 100  
151 20.0 16.9 25.3  
153 12.2 10.8 16.2

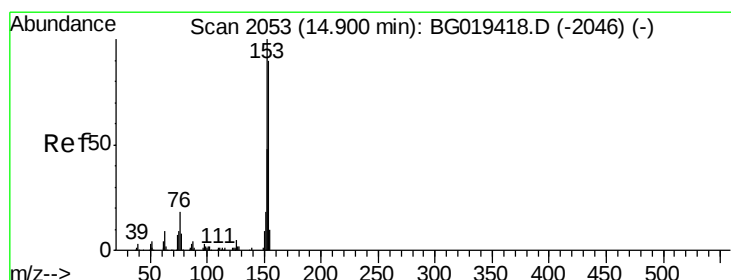
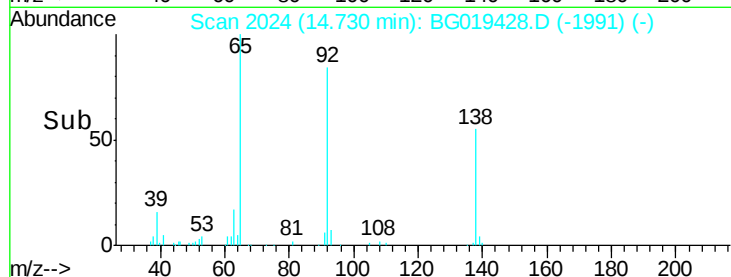
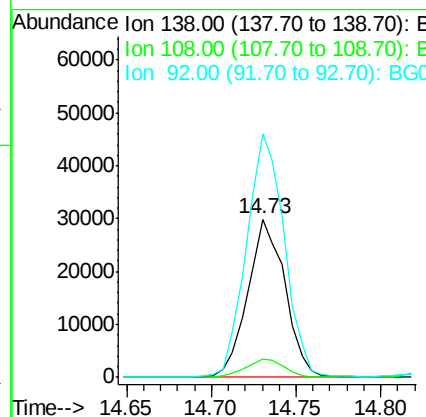
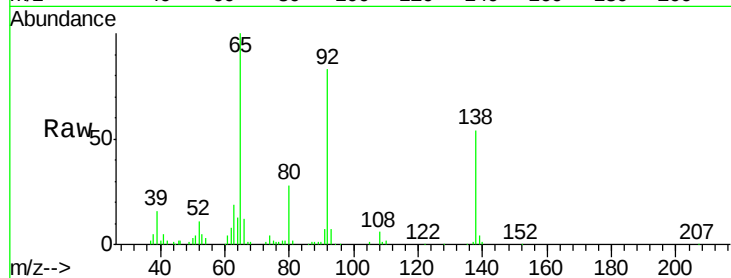




#49  
3-Nitroaniline  
Concen: 21.14 ng/ul  
RT: 14.73 min Scan# 2024  
Delta R.T. -0.01 min  
Lab File: BG019428.D  
Acq: 30 Oct 2015 9:55

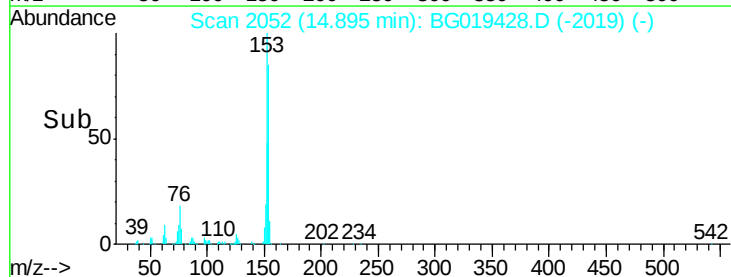
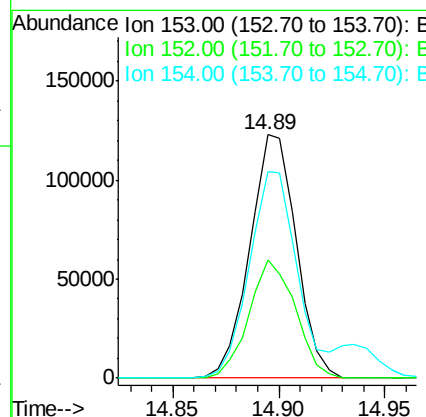
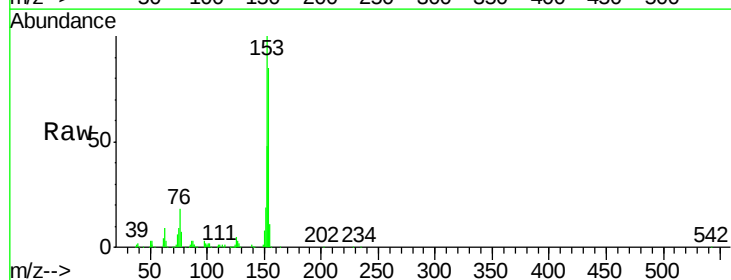
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02021

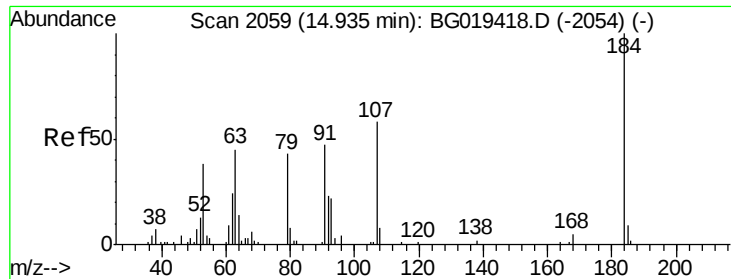
Tgt Ion:138 Resp: 46015  
Ion Ratio Lower Upper  
138 100  
108 11.5 11.7 17.5#  
92 153.7 115.9 173.9



#50  
Acenaphthene  
Concen: 20.05 ng/ul  
RT: 14.89 min Scan# 2052  
Delta R.T. -0.01 min  
Lab File: BG019428.D  
Acq: 30 Oct 2015 9:55

Tgt Ion:153 Resp: 187659  
Ion Ratio Lower Upper  
153 100  
152 48.4 38.8 58.2  
154 84.7 71.5 107.3

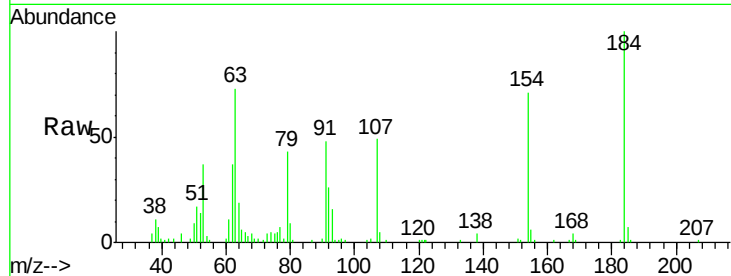




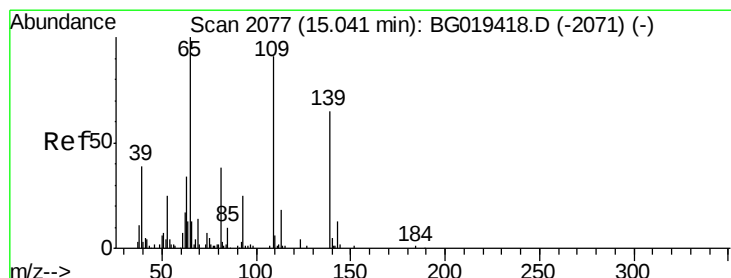
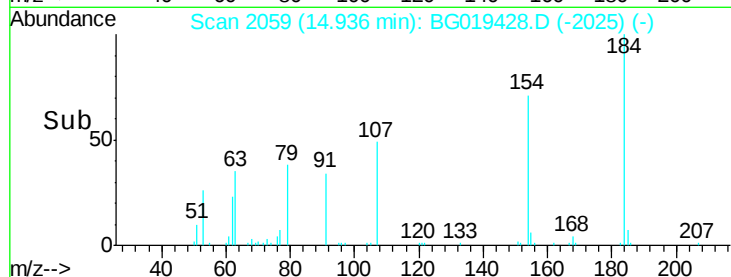
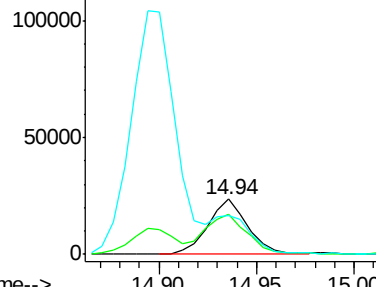
#51  
 2,4-Dinitrophenol  
 Concen: 17.55 ng/ul  
 RT: 14.94 min Scan# 2059  
 Delta R.T. 0.00 min  
 Lab File: BG019428.D  
 Acq: 30 Oct 2015 9:55

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02021

Tgt Ion:184 Resp: 33364  
 Ion Ratio Lower Upper  
 184 100  
 63 72.7 52.6 78.8  
 154 70.7 66.1 99.1

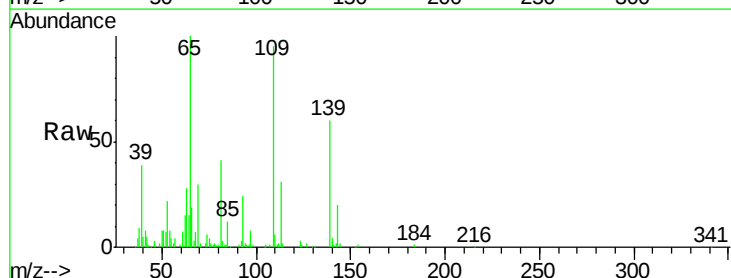


Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BGC  
 Ion 154.00 (153.70 to 154.70): E

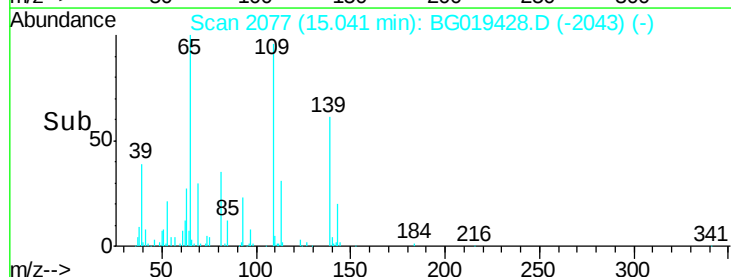
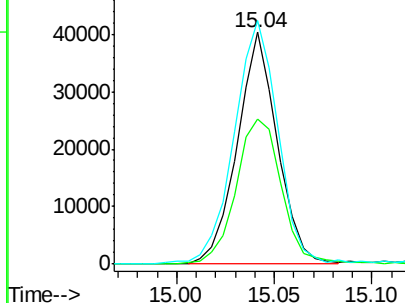


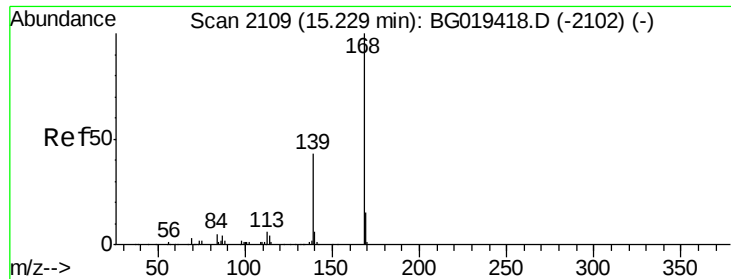
#53  
 4-Nitrophenol  
 Concen: 18.93 ng/ul  
 RT: 15.04 min Scan# 2077  
 Delta R.T. 0.00 min  
 Lab File: BG019428.D  
 Acq: 30 Oct 2015 9:55

Tgt Ion:109 Resp: 57279  
 Ion Ratio Lower Upper  
 109 100  
 139 62.7 41.5 62.3#  
 65 105.0 73.7 110.5



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





#54

Dibenzofuran

Concen: 20.14 ng/ul

RT: 15.23 min Scan# 2109

Delta R.T. 0.00 min

Lab File: BG019428.D

Acq: 30 Oct 2015 9:55

Instrument :

BNA\_G

ClientSampleId :

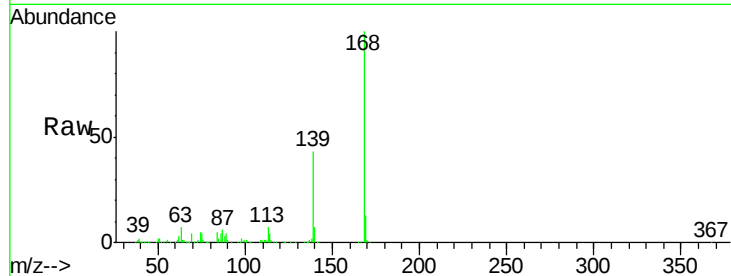
SSTD02021

Tgt Ion:168 Resp: 277568

Ion Ratio Lower Upper

168 100

139 42.8 32.4 48.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

15.23

200000

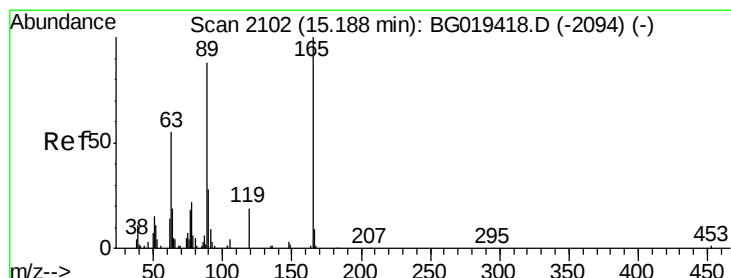
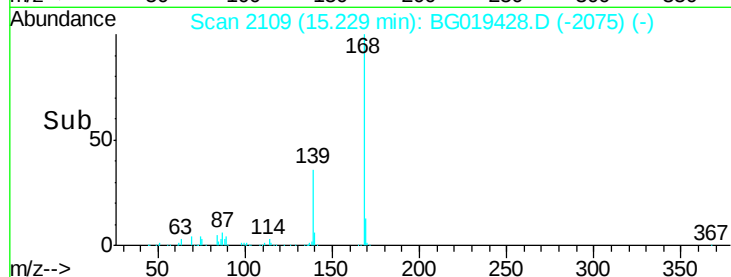
150000

100000

50000

0

Time--> 15.15 15.20 15.25



#55

2,4-Dinitrotoluene

Concen: 18.56 ng/ul

RT: 15.18 min Scan# 2101

Delta R.T. -0.01 min

Lab File: BG019428.D

Acq: 30 Oct 2015 9:55

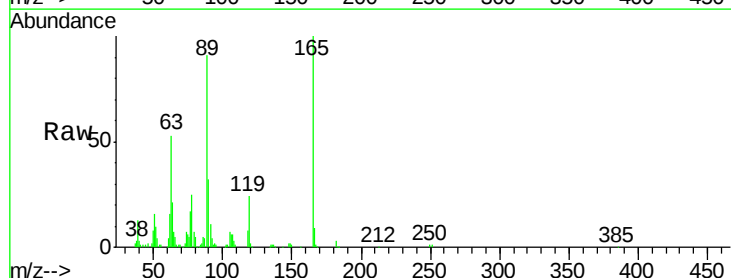
Tgt Ion:165 Resp: 74109

Ion Ratio Lower Upper

165 100

63 53.1 51.1 76.7

182 3.0 3.3 4.9#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 182.00 (181.70 to 182.70): E

15.18

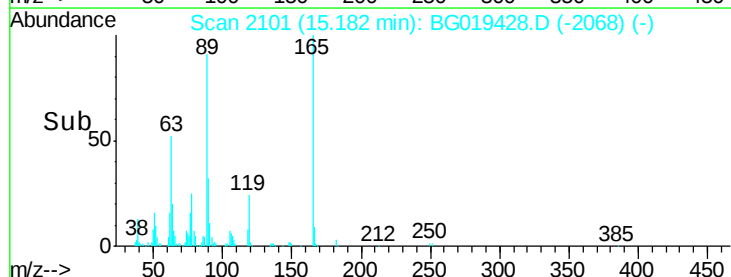
60000

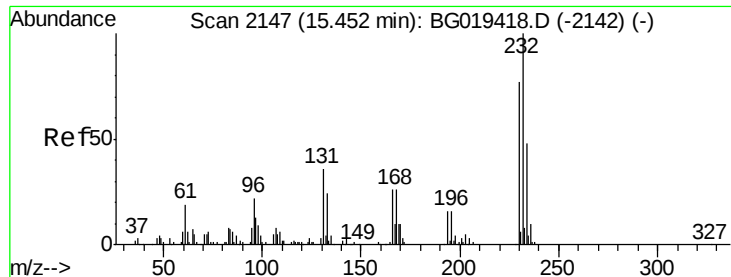
40000

20000

0

Time--> 15.15 15.20





#56

2,3,4,6-Tetrachlorophenol

Concen: 20.58 ng/ul

RT: 15.45 min Scan# 2147

Delta R.T. 0.00 min

Lab File: BG019428.D

Acq: 30 Oct 2015 9:55

Instrument :

BNA\_G

ClientSampleId :

SSTD02021

Tgt Ion:232 Resp: 85227

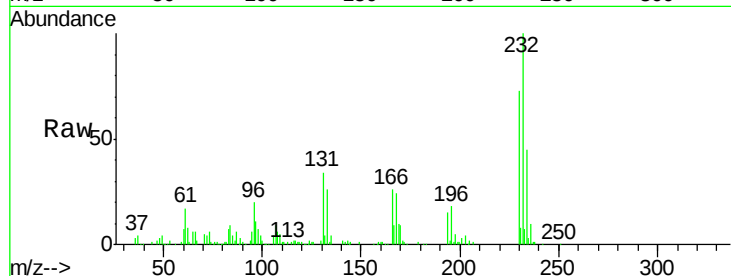
Ion Ratio Lower Upper

232 100

131 34.3 28.1 42.1

130 1.8 2.2 3.2#

166 25.8 19.0 28.6

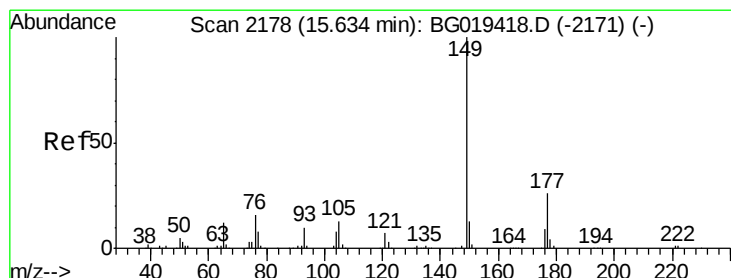
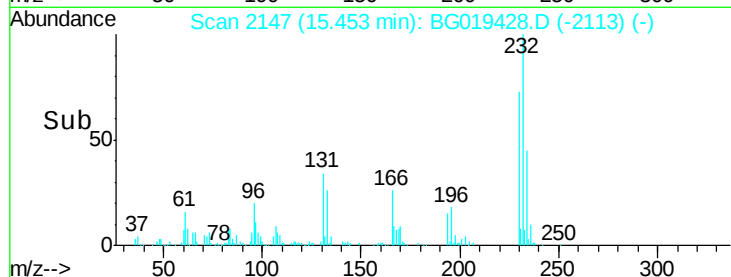
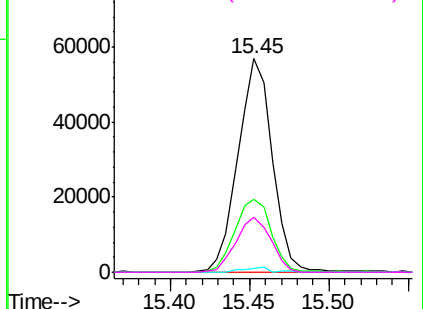


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#57

Diethylphthalate

Concen: 18.07 ng/ul

RT: 15.63 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BG019428.D

Acq: 30 Oct 2015 9:55

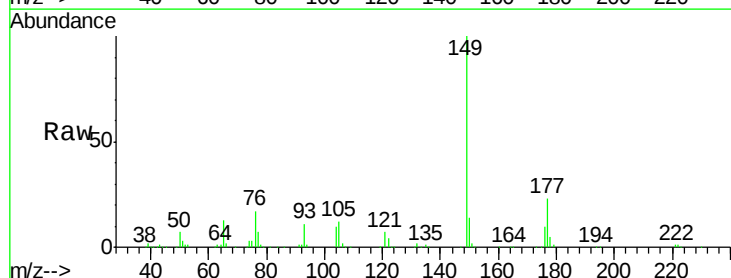
Tgt Ion:149 Resp: 222826

Ion Ratio Lower Upper

149 100

177 22.7 20.6 30.8

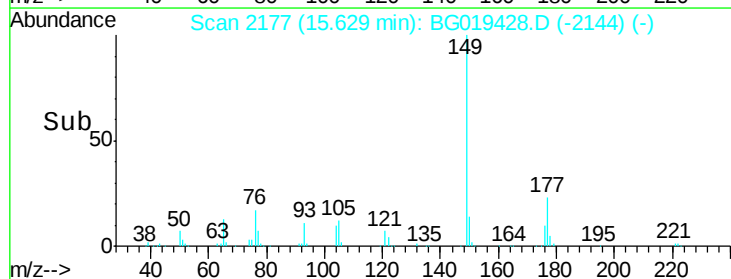
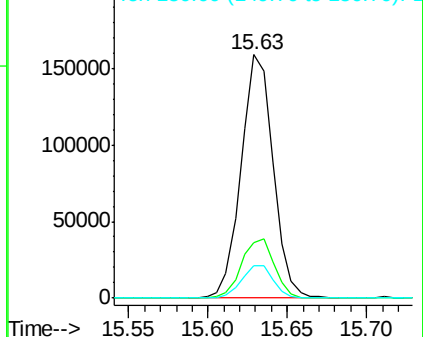
150 13.5 11.2 16.8

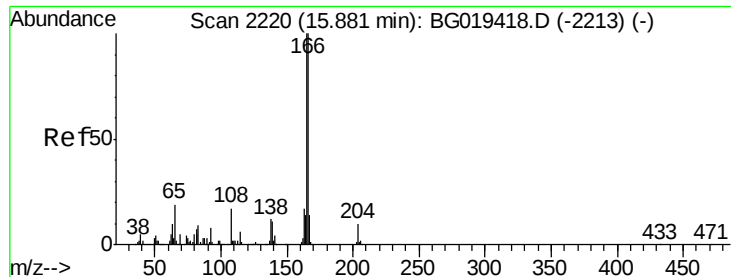


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 19.37 ng/ul

RT: 15.88 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BG019428.D

Acq: 30 Oct 2015 9:55

Instrument :

BNA\_G

ClientSampleId :

SSTD02021

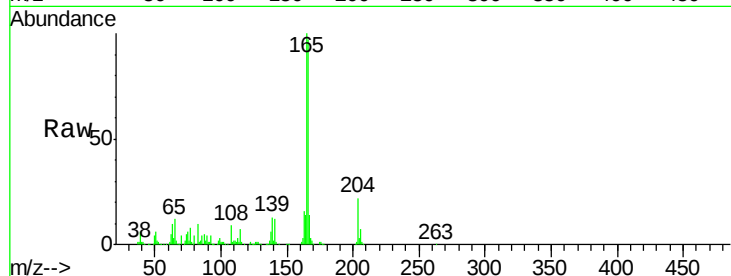
Tgt Ion:166 Resp: 232973

Ion Ratio Lower Upper

166 100

165 103.3 77.6 116.4

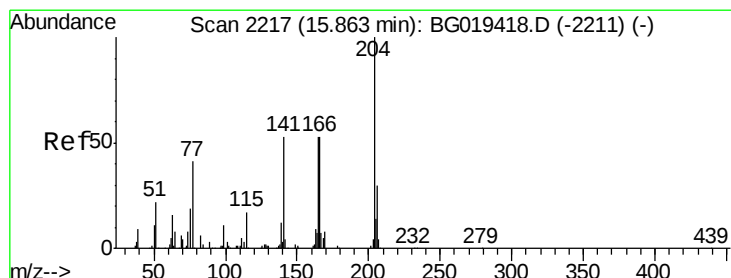
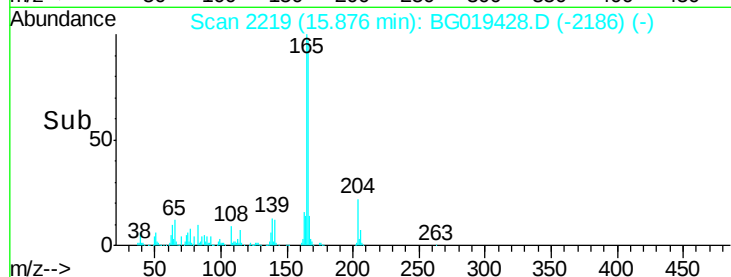
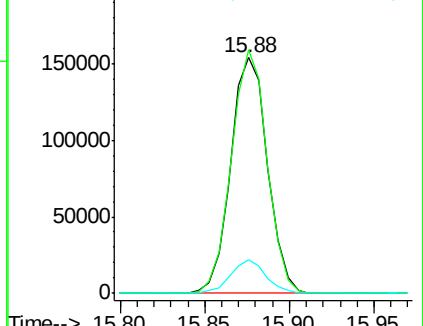
167 14.5 9.6 14.4#



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: 19.42 ng/ul

RT: 15.86 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BG019428.D

Acq: 30 Oct 2015 9:55

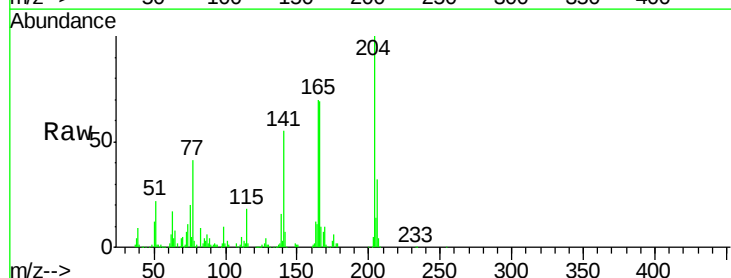
Tgt Ion:204 Resp: 138792

Ion Ratio Lower Upper

204 100

206 31.6 27.8 41.8

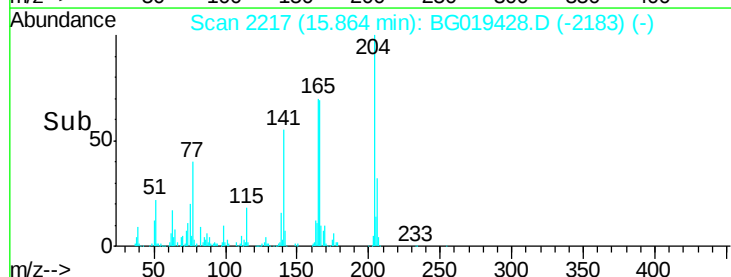
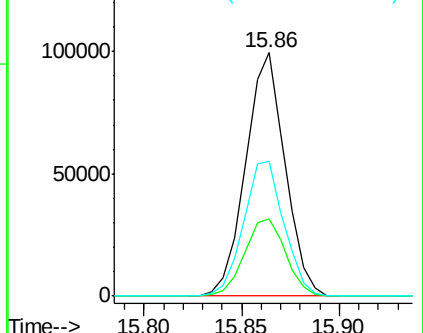
141 55.4 45.2 67.8

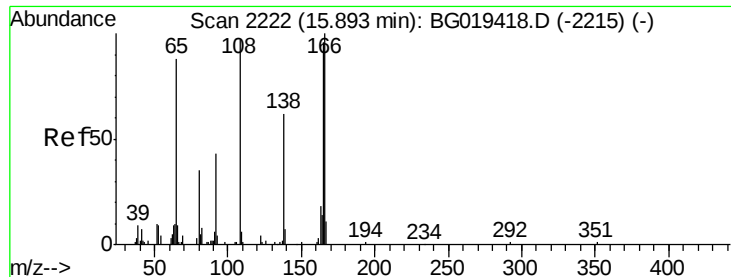


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

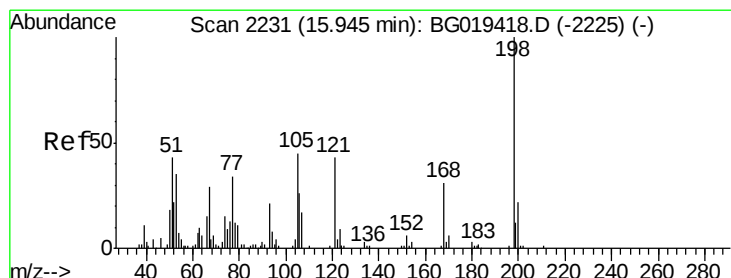
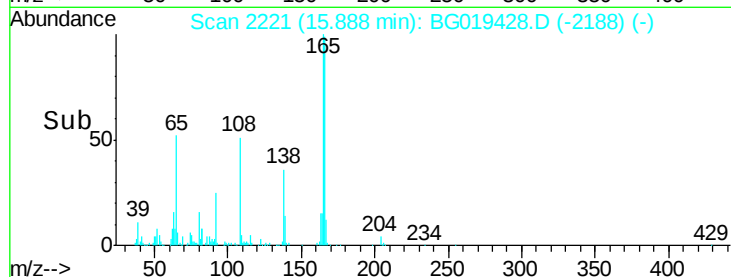
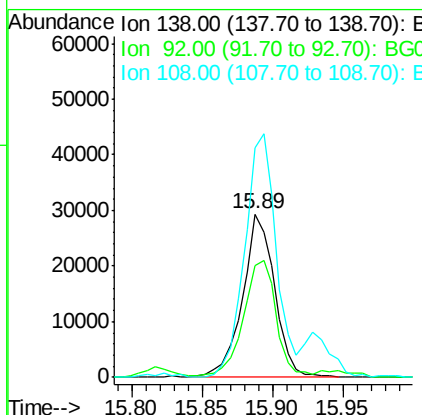
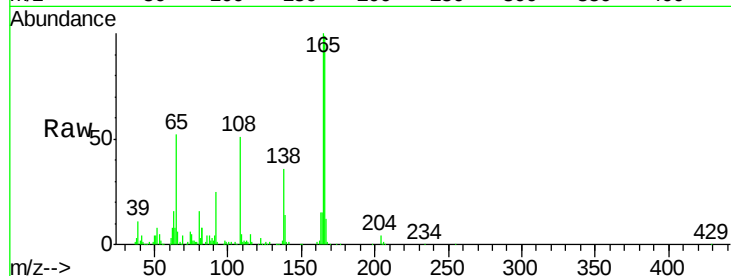




#61  
4-Nitroaniline  
Concen: 18.73 ng/ul  
RT: 15.89 min Scan# 2221  
Delta R.T. -0.01 min  
Lab File: BG019428.D  
Acq: 30 Oct 2015 9:55

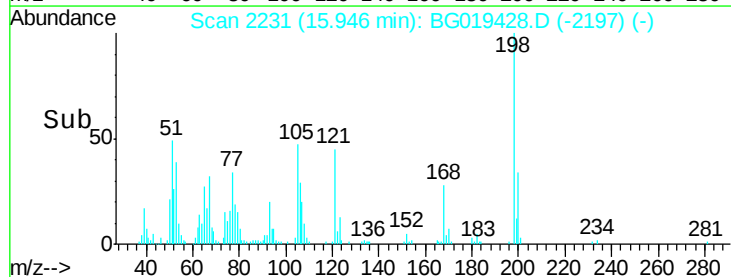
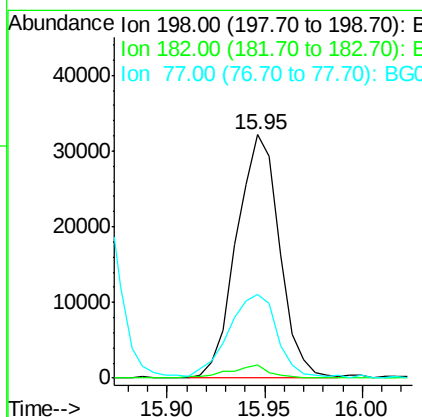
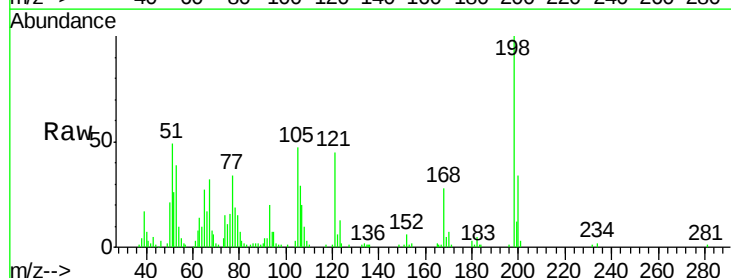
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02021

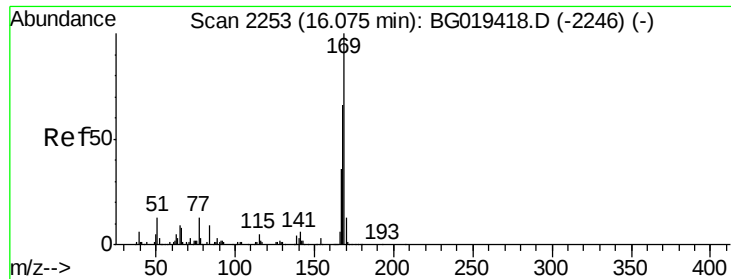
Tgt Ion:138 Resp: 46857  
Ion Ratio Lower Upper  
138 100  
92 68.7 53.9 80.9  
108 140.9 122.5 183.7



#64  
4,6-Dinitro-2-methylphenol  
Concen: 18.36 ng/ul  
RT: 15.95 min Scan# 2231  
Delta R.T. 0.00 min  
Lab File: BG019428.D  
Acq: 30 Oct 2015 9:55

Tgt Ion:198 Resp: 49086  
Ion Ratio Lower Upper  
198 100  
182 5.2 2.0 3.0#  
77 34.3 23.2 34.8

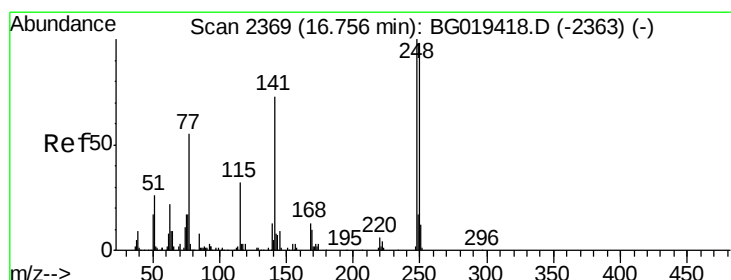
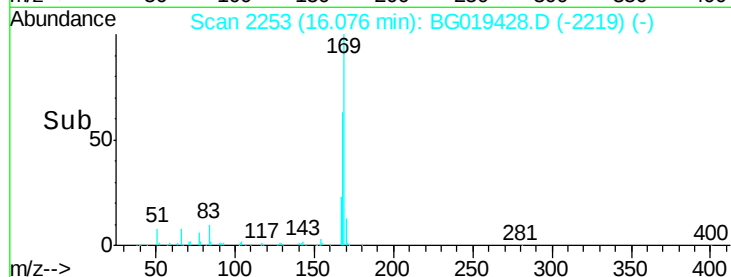
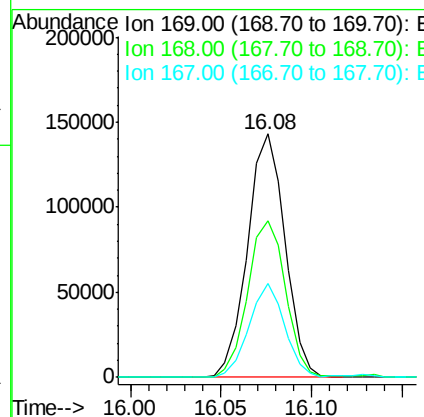
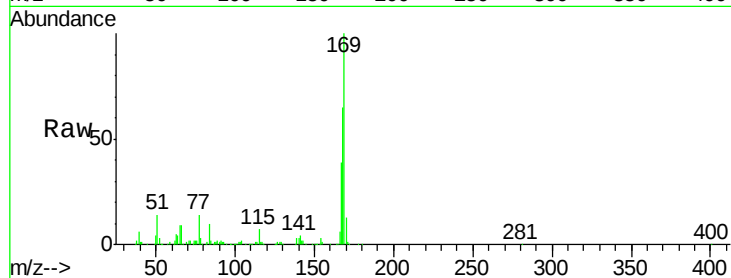




#65  
N-Nitrosodiphenylamine  
Concen: 20.88 ng/ul  
RT: 16.08 min Scan# 2253  
Delta R.T. 0.00 min  
Lab File: BG019428.D  
Acq: 30 Oct 2015 9:55

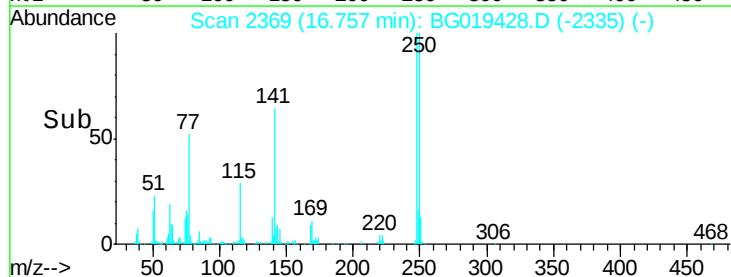
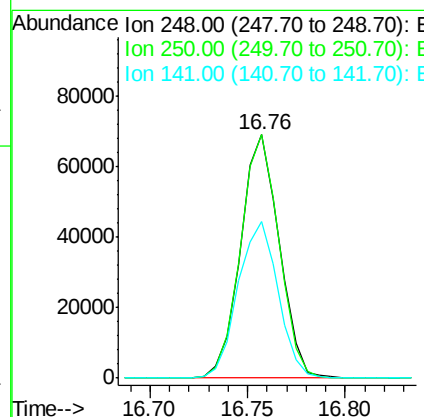
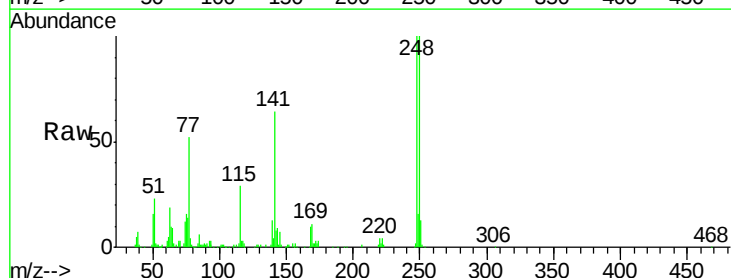
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02021

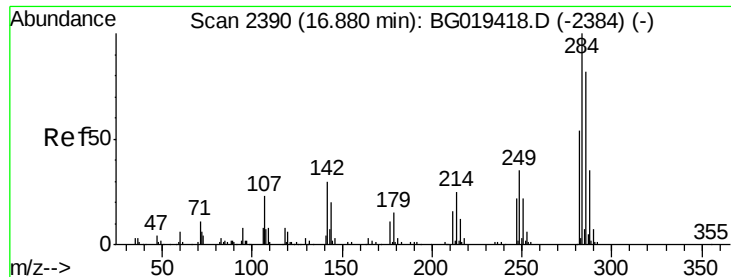
Tgt Ion:169 Resp: 206226  
Ion Ratio Lower Upper  
169 100  
168 64.6 51.1 76.7  
167 38.5 26.9 40.3



#66  
4-Bromophenyl-phenylether  
Concen: 20.89 ng/ul  
RT: 16.76 min Scan# 2369  
Delta R.T. 0.00 min  
Lab File: BG019428.D  
Acq: 30 Oct 2015 9:55

Tgt Ion:248 Resp: 94798  
Ion Ratio Lower Upper  
248 100  
250 99.9 77.4 116.0  
141 64.3 52.3 78.5

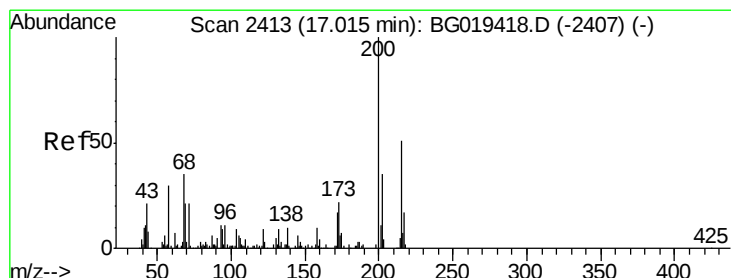
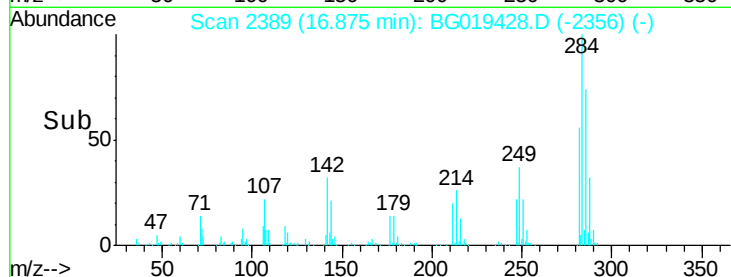
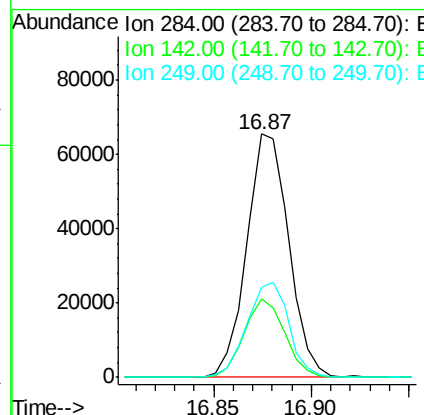
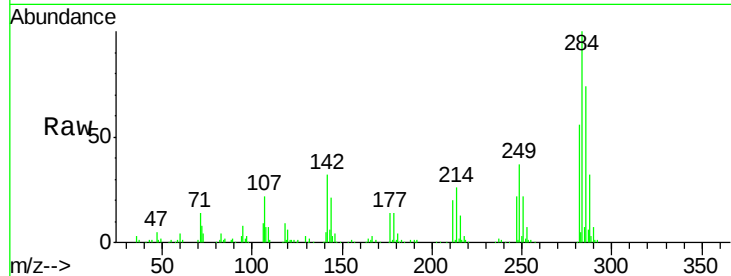




#67  
Hexachlorobenzene  
Concen: 20.31 ng/ul  
RT: 16.87 min Scan# 2389  
Delta R.T. -0.01 min  
Lab File: BG019428.D  
Acq: 30 Oct 2015 9:55

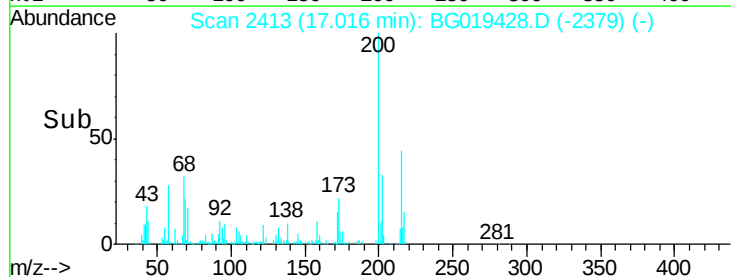
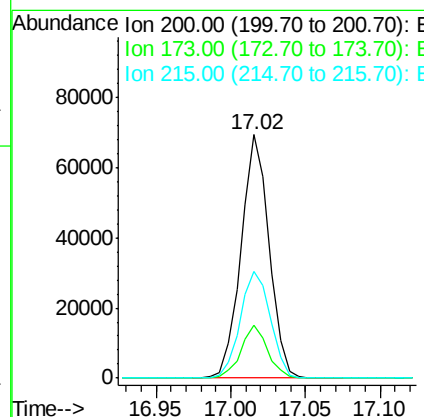
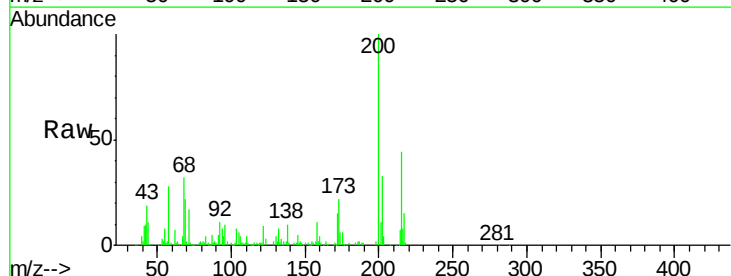
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02021

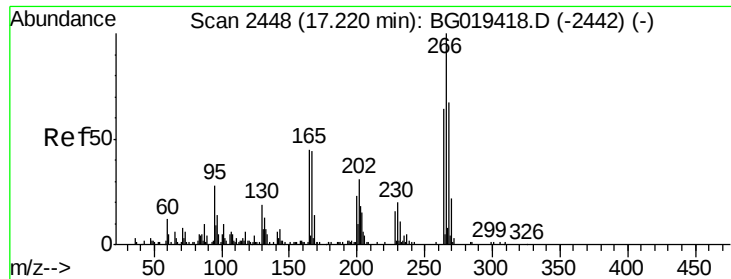
Tgt Ion: 284 Resp: 97836  
Ion Ratio Lower Upper  
284 100  
142 30.4 24.2 36.4  
249 37.6 25.2 37.8



#68  
Atrazine  
Concen: 18.53 ng/ul  
RT: 17.02 min Scan# 2413  
Delta R.T. 0.00 min  
Lab File: BG019428.D  
Acq: 30 Oct 2015 9:55

Tgt Ion: 200 Resp: 90719  
Ion Ratio Lower Upper  
200 100  
173 21.9 16.9 25.3  
215 43.9 41.0 61.6

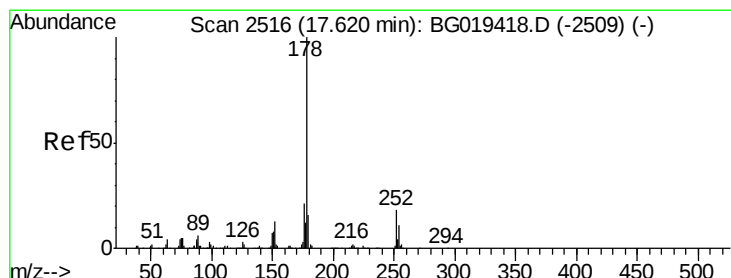
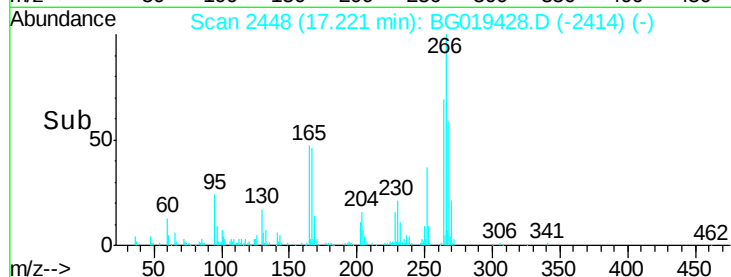
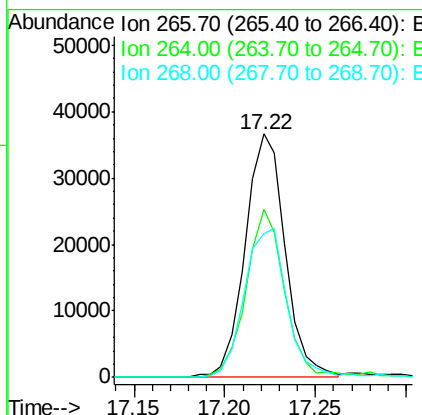
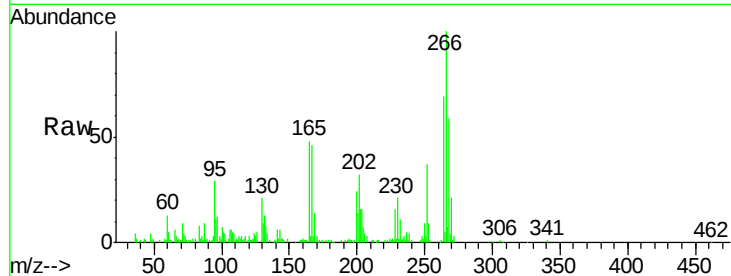




#69  
 Pentachlorophenol  
 Concen: 19.83 ng/ul  
 RT: 17.22 min Scan# 2448  
 Delta R.T. 0.00 min  
 Lab File: BG019428.D  
 Acq: 30 Oct 2015 9:55

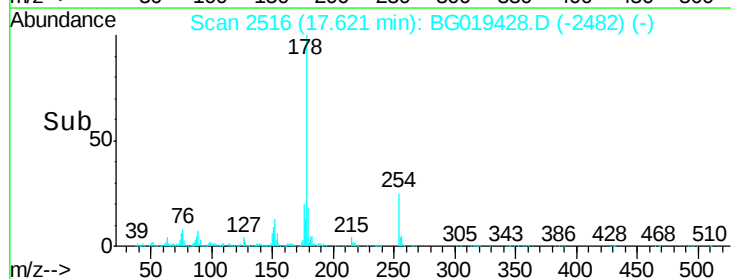
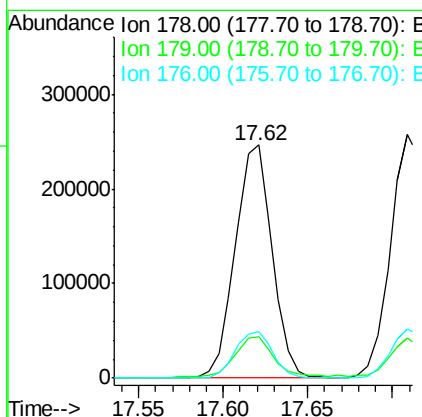
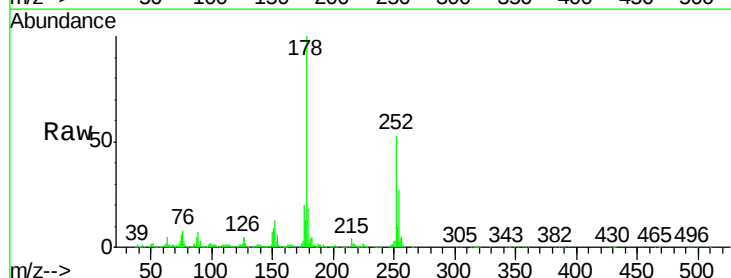
Instrument :  
 BNA\_G  
 ClientSampled :  
 SSTD02021

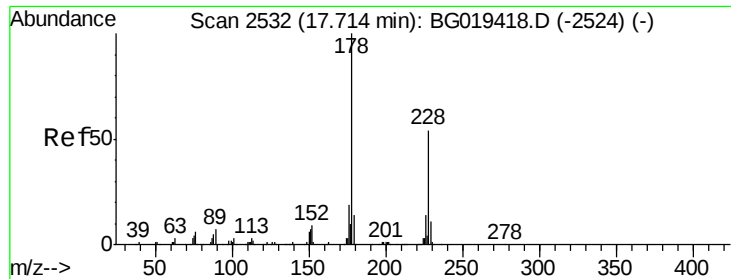
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 73.7  | 49.5  | 74.3  |
| 268     | 59.3  | 48.7  | 73.1  |



#70  
 Phenanthrene  
 Concen: 19.42 ng/ul  
 RT: 17.62 min Scan# 2516  
 Delta R.T. 0.00 min  
 Lab File: BG019428.D  
 Acq: 30 Oct 2015 9:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 17.6  | 12.6  | 18.8  |
| 176     | 19.9  | 14.3  | 21.5  |





#72

Anthracene

Concen: 19.62 ng/uL

RT: 17.71 min Scan# 2531

Delta R.T. -0.01 min

Lab File: BG019428.D

Acq: 30 Oct 2015 9:55

Instrument :

BNA\_G

ClientSampleId :

SSTD02021

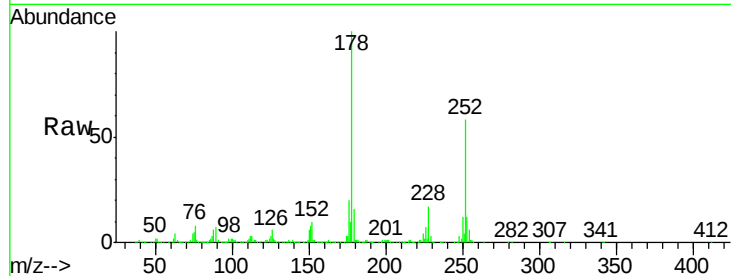
Tgt Ion:178 Resp: 385484

Ion Ratio Lower Upper

178 100

179 16.3 11.6 17.4

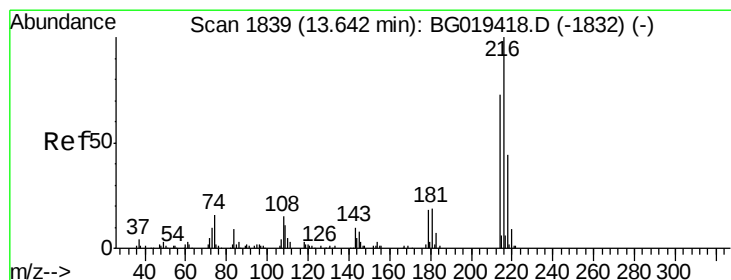
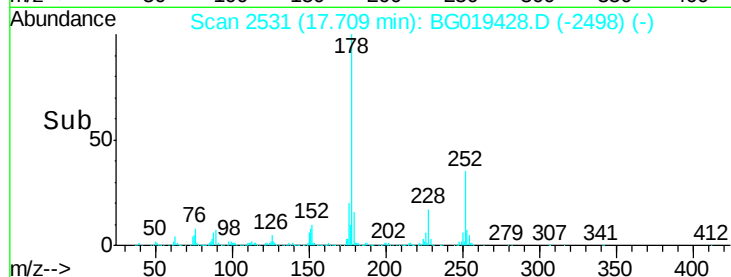
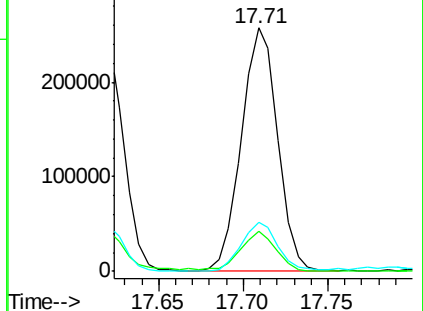
176 20.1 14.2 21.4



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: 22.33 ng/uL

RT: 13.64 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BG019428.D

Acq: 30 Oct 2015 9:55

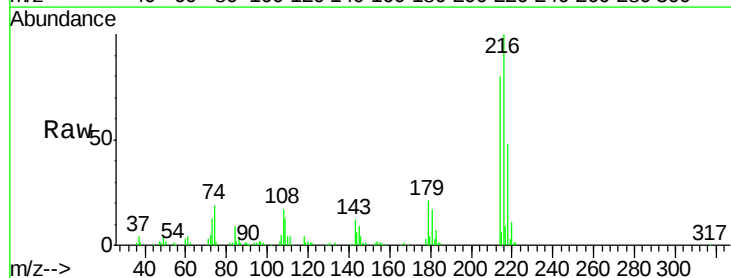
Tgt Ion:216 Resp: 123528

Ion Ratio Lower Upper

216 100

214 80.4 60.0 90.0

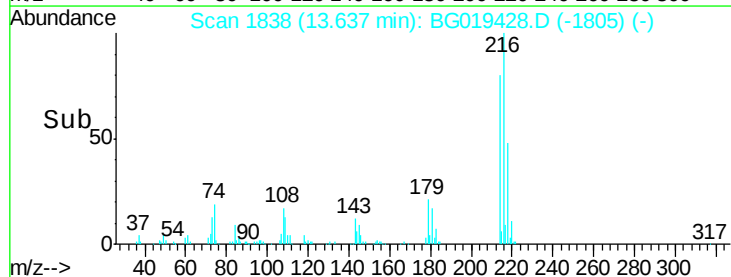
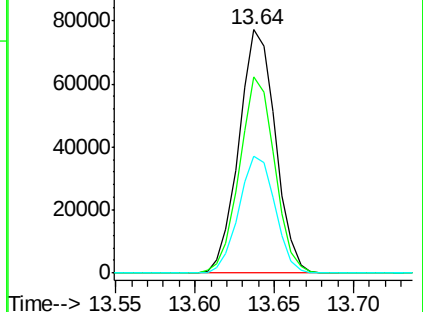
218 47.8 37.1 55.7

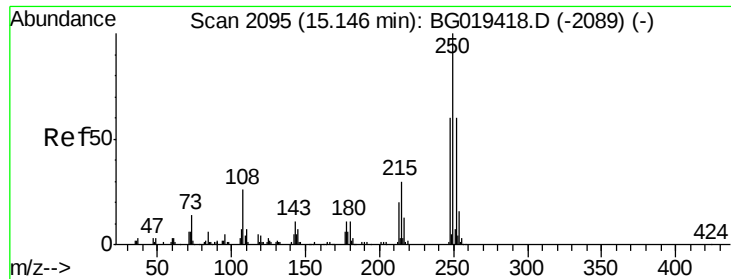


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 21.77 ng/uL

RT: 15.15 min Scan# 2095

Delta R.T. 0.00 min

Lab File: BG019428.D

Acq: 30 Oct 2015 9:55

Instrument :

BNA\_G

ClientSampleId :

SSTD02021

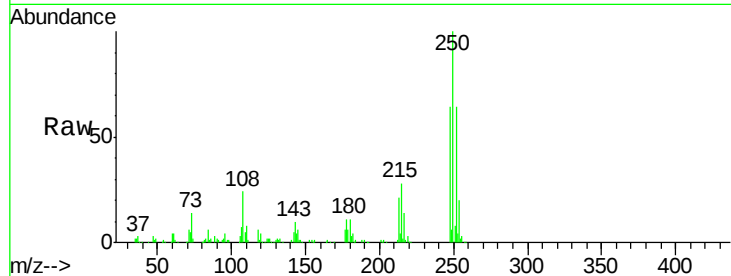
Tgt Ion:250 Resp: 121411

Ion Ratio Lower Upper

250 100

248 63.9 51.3 76.9

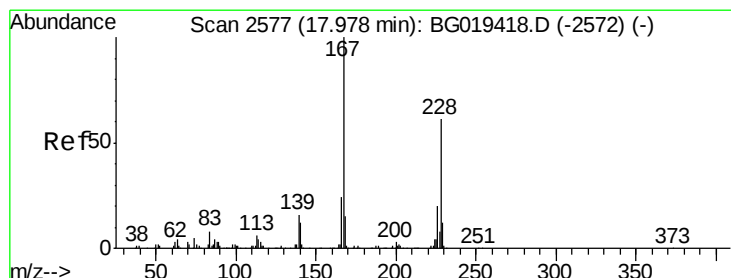
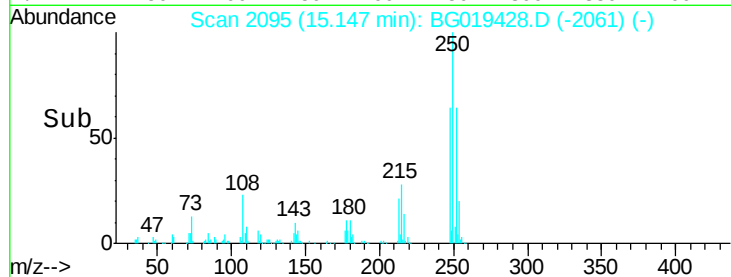
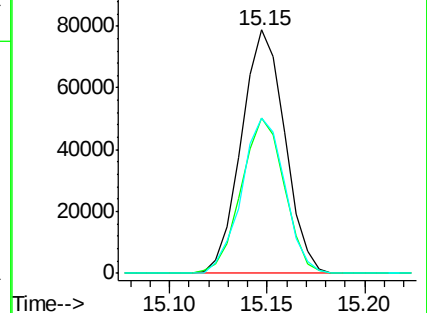
252 67.7 49.5 74.3



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: 25.02 ng/uL

RT: 17.97 min Scan# 2576

Delta R.T. -0.01 min

Lab File: BG019428.D

Acq: 30 Oct 2015 9:55

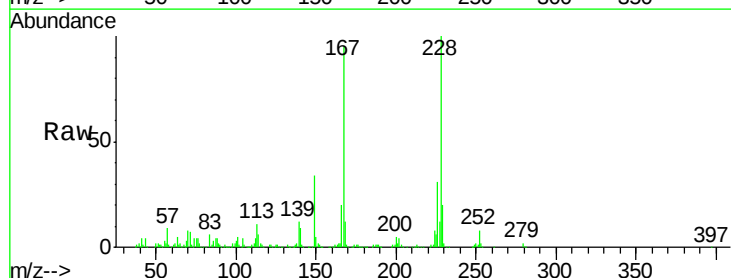
Tgt Ion:167 Resp: 392196

Ion Ratio Lower Upper

167 100

166 21.0 16.8 25.2

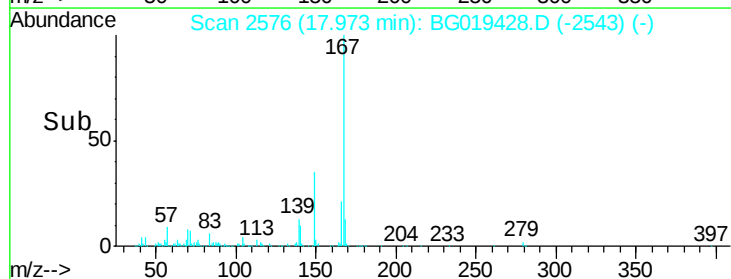
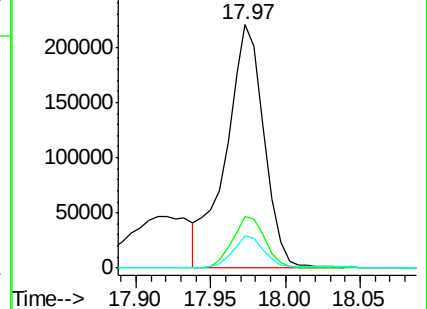
139 13.1 9.8 14.6

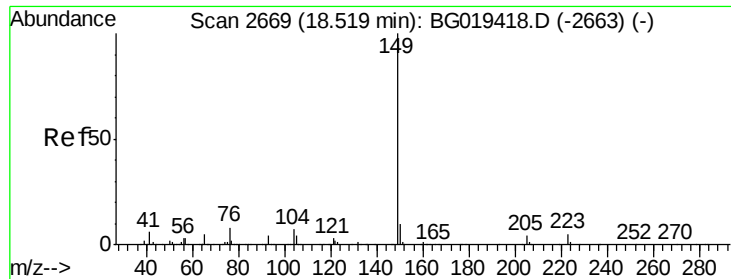


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

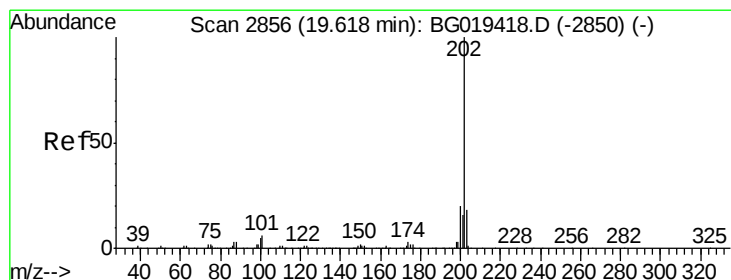
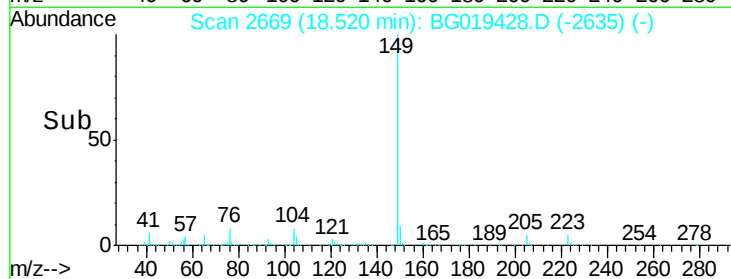
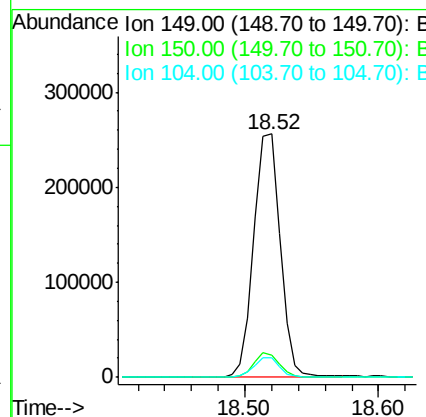
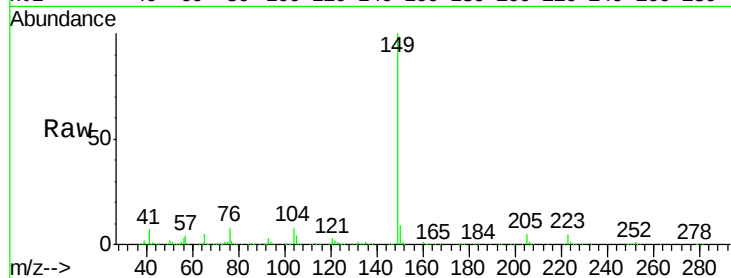




#76  
Di-n-butylphthalate  
Concen: 17.95 ng/ul  
RT: 18.52 min Scan# 2669  
Delta R.T. 0.00 min  
Lab File: BG019428.D  
Acq: 30 Oct 2015 9:55

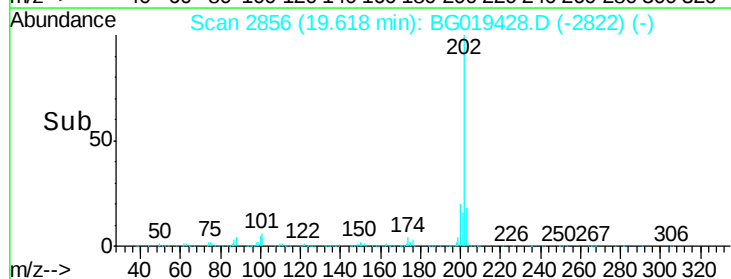
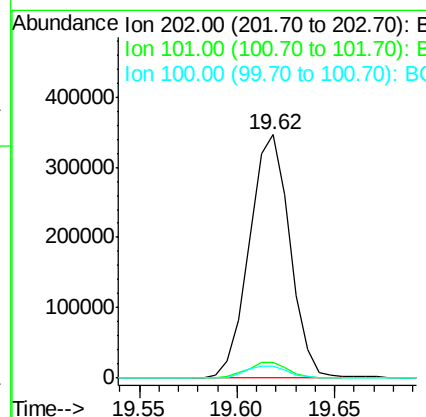
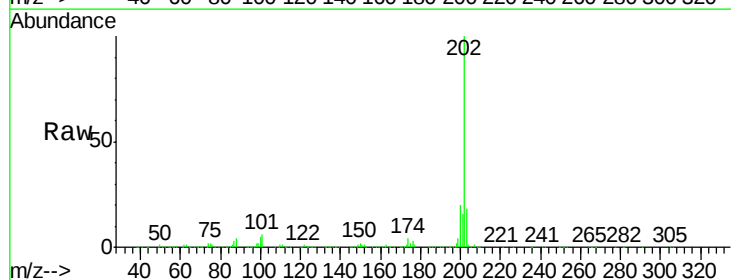
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02021

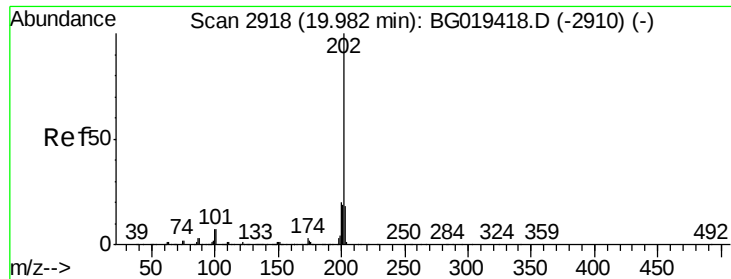
Tgt Ion:149 Resp: 348743  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.5 11.3  
104 8.1 6.9 10.3



#77  
Fluoranthene  
Concen: 19.88 ng/ul  
RT: 19.62 min Scan# 2856  
Delta R.T. 0.00 min  
Lab File: BG019428.D  
Acq: 30 Oct 2015 9:55

Tgt Ion:202 Resp: 496059  
Ion Ratio Lower Upper  
202 100  
101 6.2 4.0 6.0#  
100 4.8 3.6 5.4

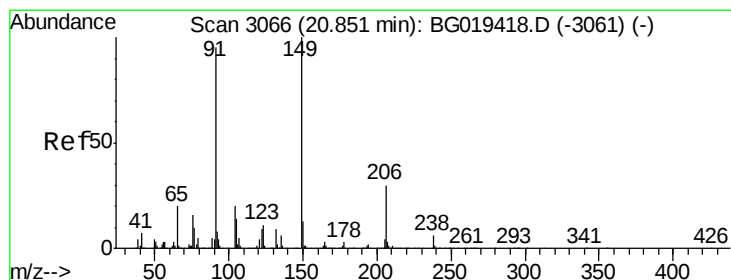
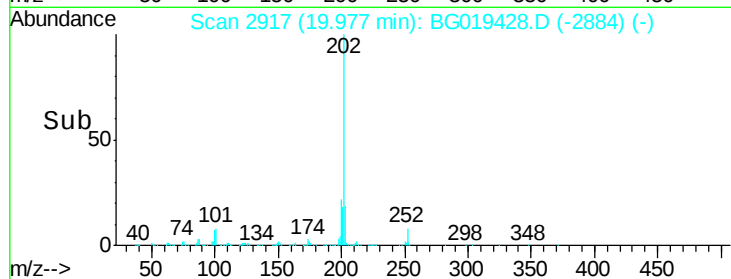
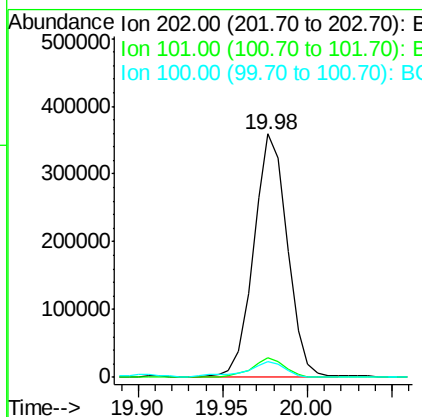
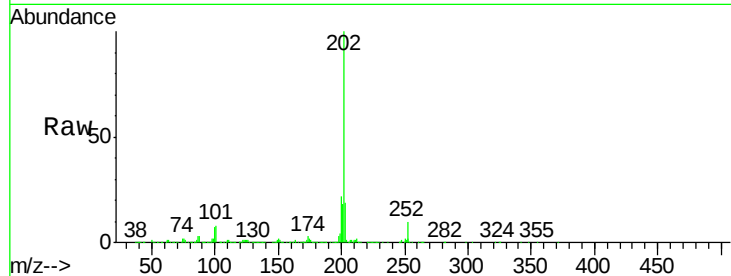




#80  
 Pyrene  
 Concen: 18.90 ng/ul  
 RT: 19.98 min Scan# 2917  
 Delta R.T. -0.01 min  
 Lab File: BG019428.D  
 Acq: 30 Oct 2015 9:55

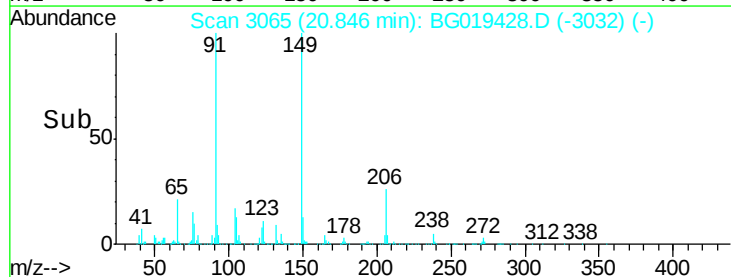
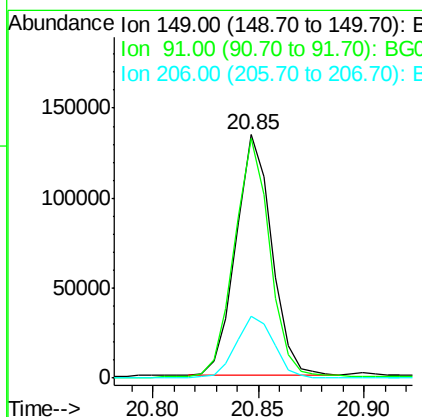
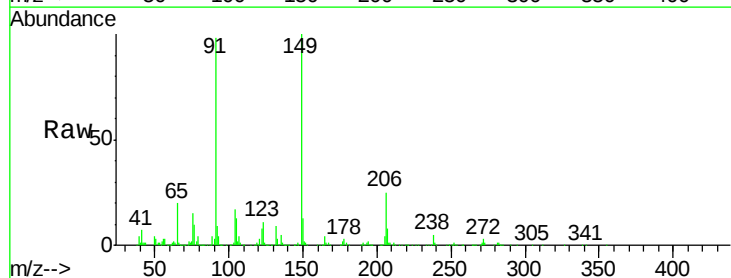
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST02021

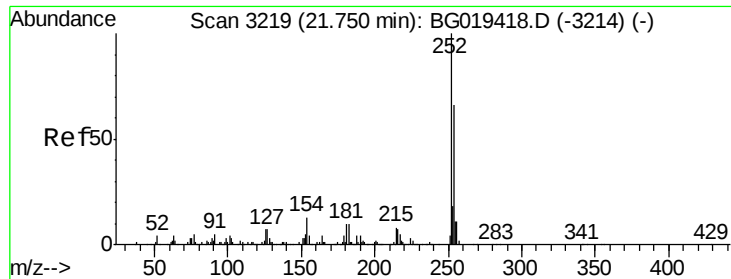
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 8.1   | 4.3   | 6.5#  |
| 100     | 6.6   | 3.6   | 5.4#  |



#81  
 Butylbenzylphthalate  
 Concen: 18.49 ng/ul  
 RT: 20.85 min Scan# 3065  
 Delta R.T. -0.01 min  
 Lab File: BG019428.D  
 Acq: 30 Oct 2015 9:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 98.3  | 76.5  | 114.7 |
| 206     | 25.3  | 22.1  | 33.1  |

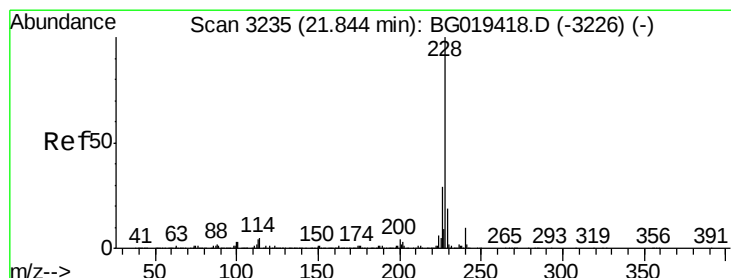
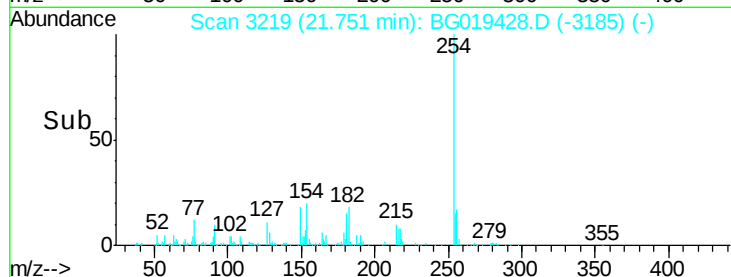
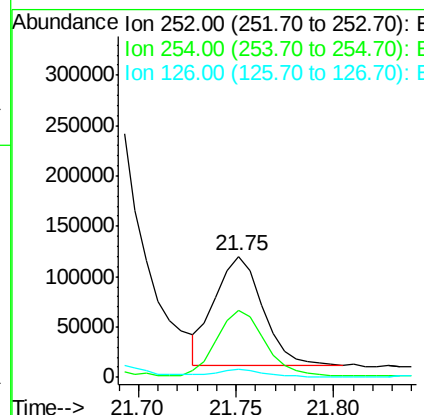
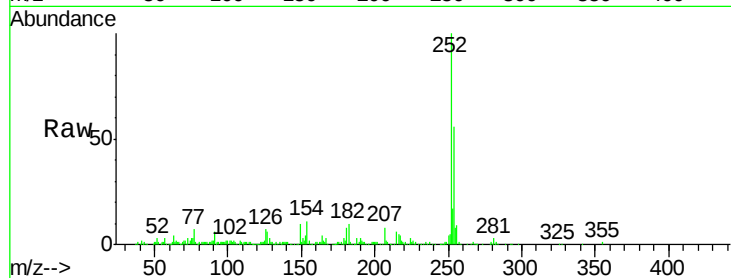




#82  
 3,3'-Dichlorobenzidine  
 Concen: 20.36 ng/ul  
 RT: 21.75 min Scan# 3219  
 Delta R.T. 0.00 min  
 Lab File: BG019428.D  
 Acq: 30 Oct 2015 9:55

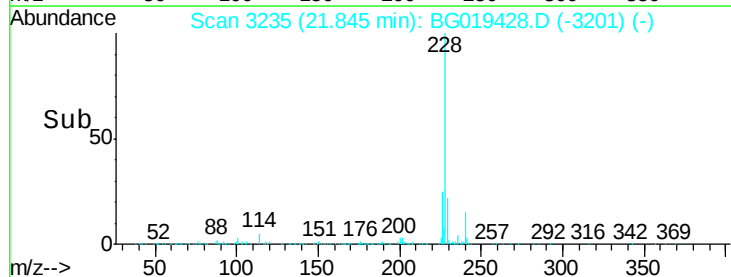
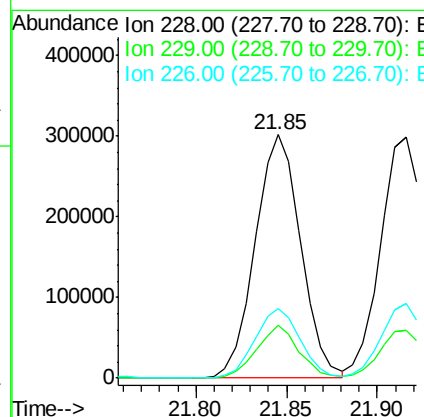
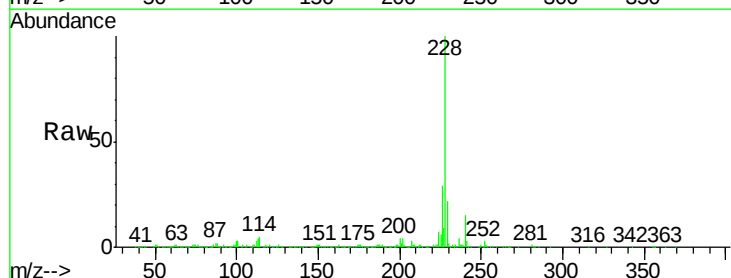
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02021

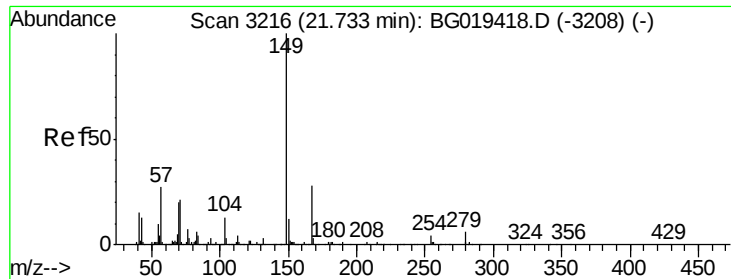
Tgt Ion:252 Resp: 186005  
 Ion Ratio Lower Upper  
 252 100  
 254 55.5 49.2 73.8  
 126 7.1 4.3 6.5#



#83  
 Benzo(a)anthracene  
 Concen: 19.42 ng/ul  
 RT: 21.85 min Scan# 3235  
 Delta R.T. 0.00 min  
 Lab File: BG019428.D  
 Acq: 30 Oct 2015 9:55

Tgt Ion:228 Resp: 527268  
 Ion Ratio Lower Upper  
 228 100  
 229 21.8 15.8 23.8  
 226 28.6 21.8 32.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 18.76 ng/ul

RT: 21.73 min Scan# 3215

Delta R.T. -0.01 min

Lab File: BG019428.D

Acq: 30 Oct 2015 9:55

Instrument :

BNA\_G

ClientSampleId :

SSTD02021

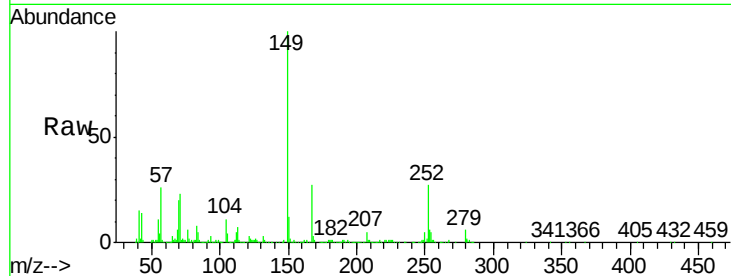
Tgt Ion:149 Resp: 226753

Ion Ratio Lower Upper

149 100

167 27.2 23.2 34.8

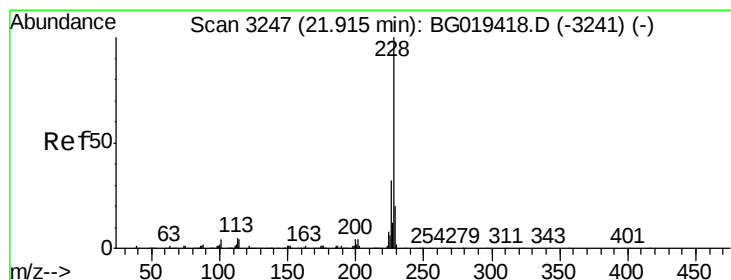
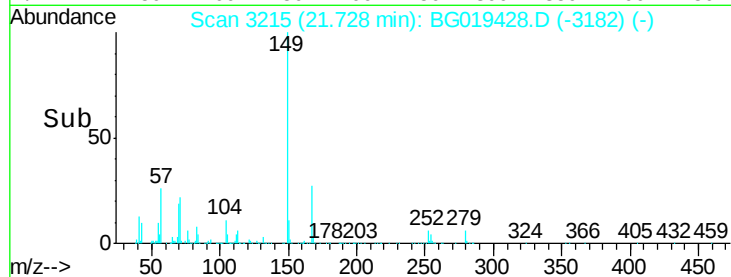
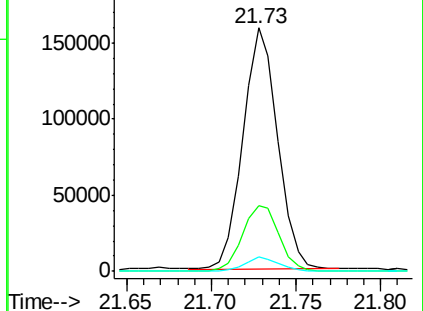
279 6.1 5.0 7.4



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: 19.68 ng/ul

RT: 21.92 min Scan# 3247

Delta R.T. 0.00 min

Lab File: BG019428.D

Acq: 30 Oct 2015 9:55

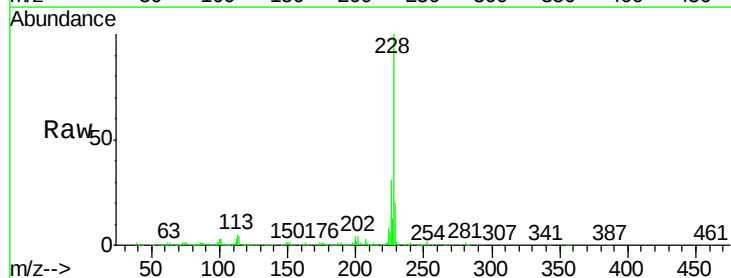
Tgt Ion:228 Resp: 501290

Ion Ratio Lower Upper

228 100

226 30.7 24.6 36.8

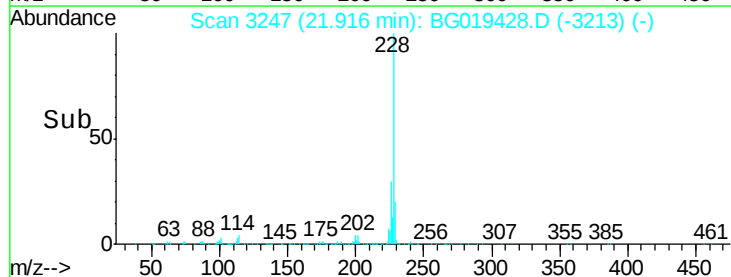
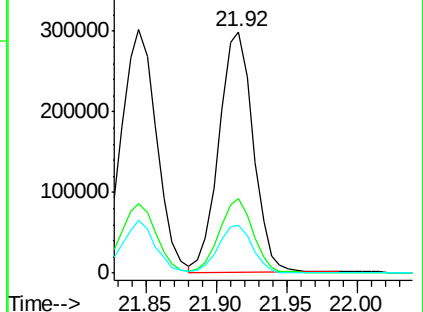
229 19.9 17.3 25.9

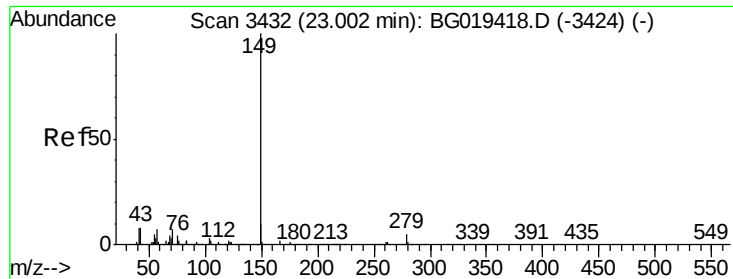


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 21.96 ng/ul

RT: 23.00 min Scan# 3431

Delta R.T. -0.01 min

Lab File: BG019428.D

Acq: 30 Oct 2015 9:55

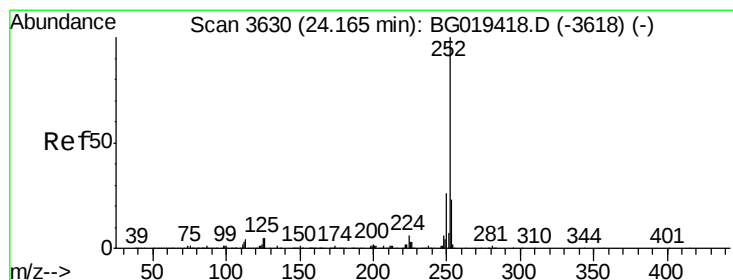
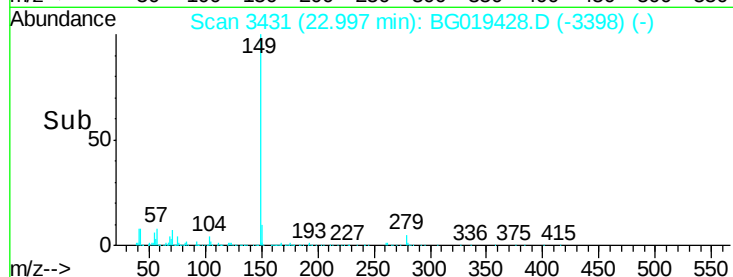
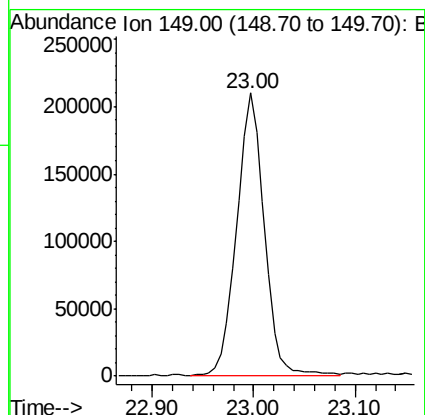
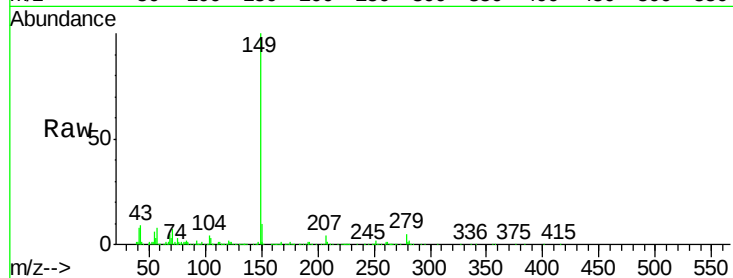
Instrument :

BNA\_G

ClientSampleId :

SSTD02021

Tgt Ion:149 Resp: 392251



#88

Benzo(b)fluoranthene

Concen: 20.82 ng/ul

RT: 24.17 min Scan# 3630

Delta R.T. 0.00 min

Lab File: BG019428.D

Acq: 30 Oct 2015 9:55

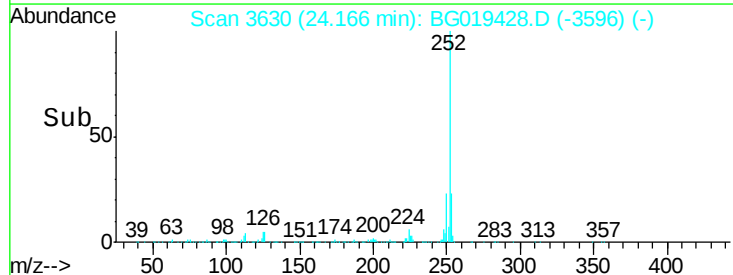
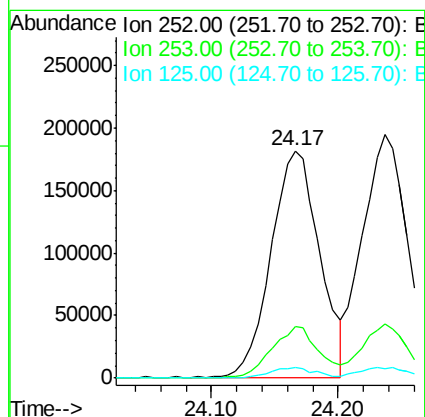
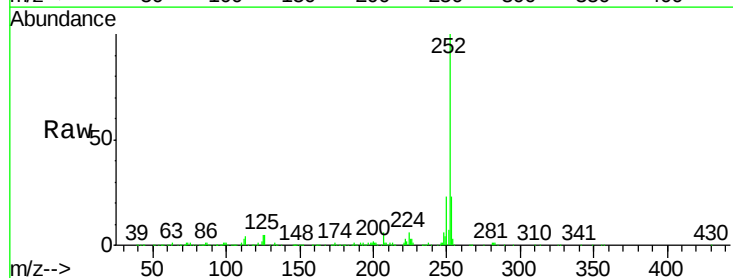
Tgt Ion:252 Resp: 484368

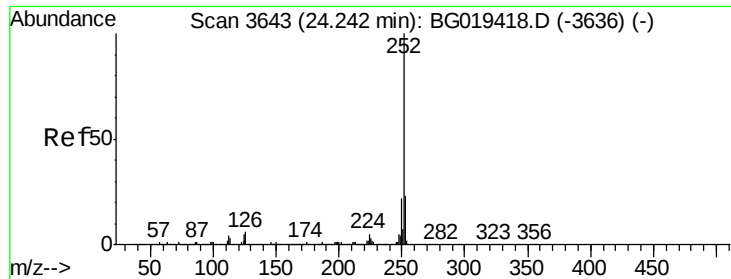
Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

125 4.9 2.5 3.7#





#89

Benzo(k)fluoranthene

Concen: 22.28 ng/ul

RT: 24.24 min Scan# 3642

Delta R.T. -0.01 min

Lab File: BG019428.D

Acq: 30 Oct 2015 9:55

Instrument :

BNA\_G

ClientSampleId :

SSTD02021

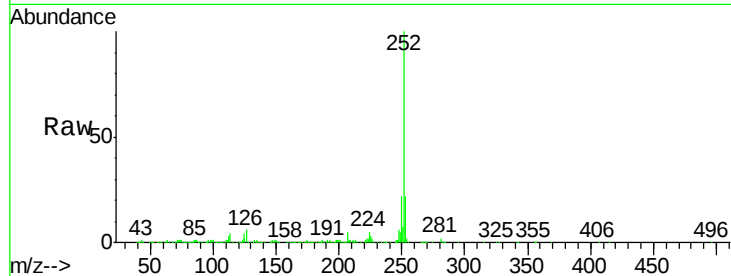
Tgt Ion:252 Resp: 498848

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

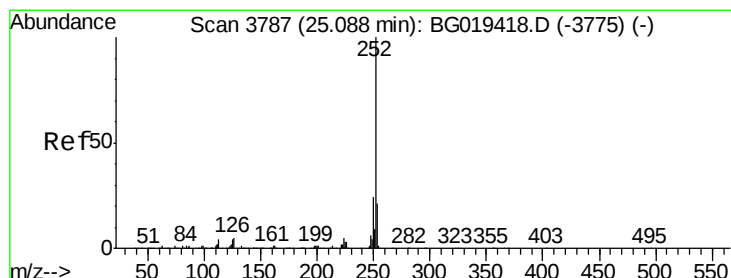
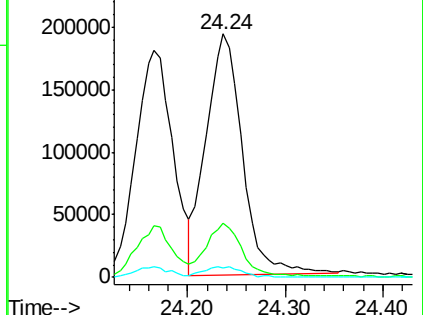
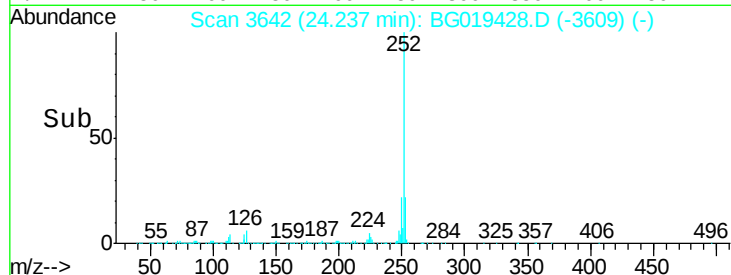
125 3.9 3.1 4.7



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



#91

Benzo(a)pyrene

Concen: 19.80 ng/ul

RT: 25.08 min Scan# 3786

Delta R.T. -0.01 min

Lab File: BG019428.D

Acq: 30 Oct 2015 9:55

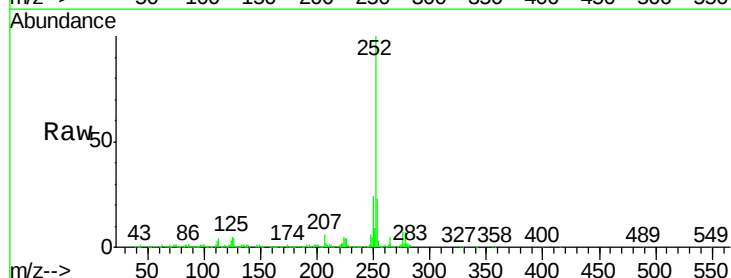
Tgt Ion:252 Resp: 442576

Ion Ratio Lower Upper

252 100

253 22.8 16.0 24.0

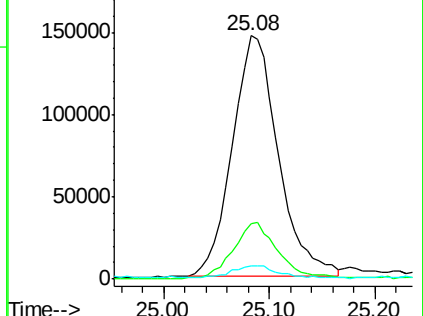
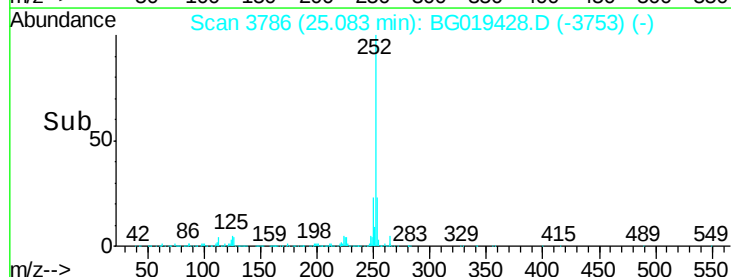
125 5.3 3.3 4.9#

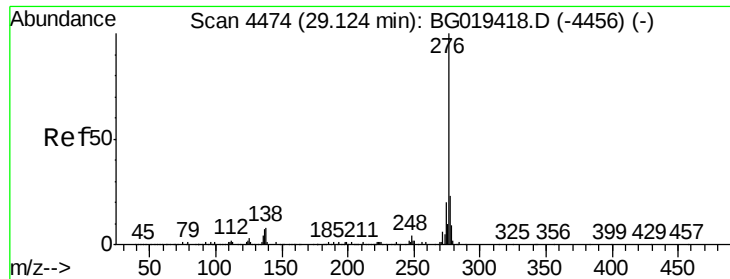


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

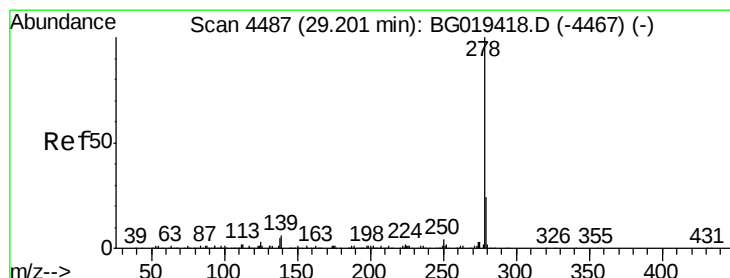
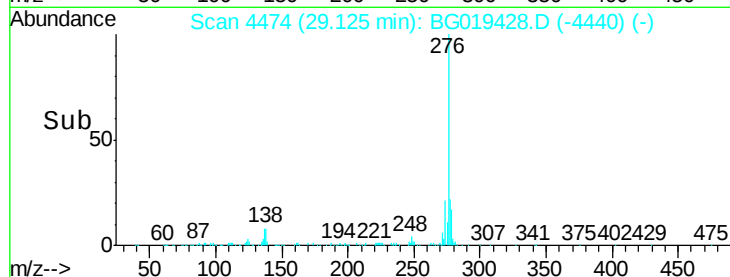
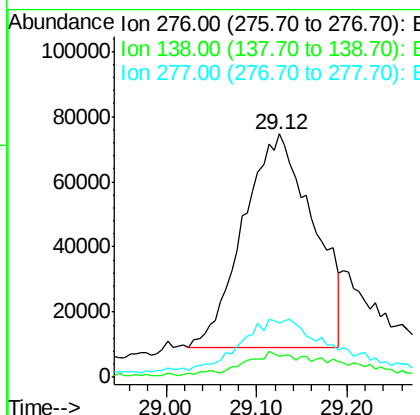
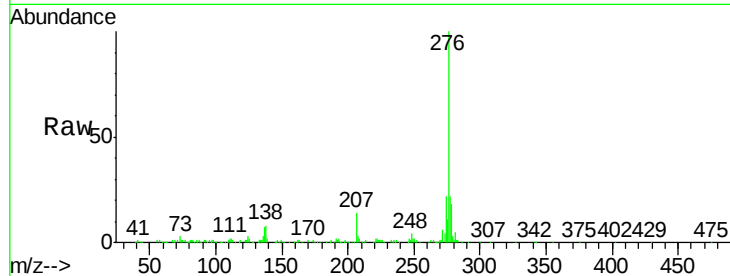




#92  
 Indeno(1,2,3-cd)pyrene  
 Concen: 13.88 ng/ul  
 RT: 29.12 min Scan# 4474  
 Delta R.T. 0.00 min  
 Lab File: BG019428.D  
 Acq: 30 Oct 2015 9:55

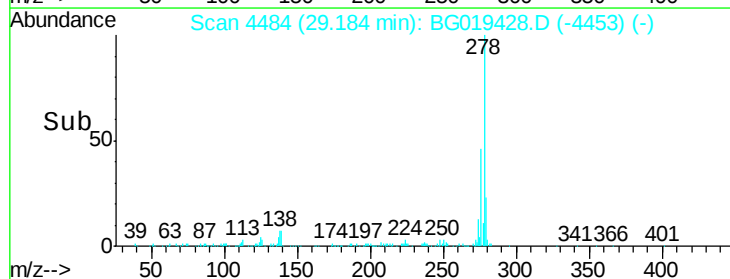
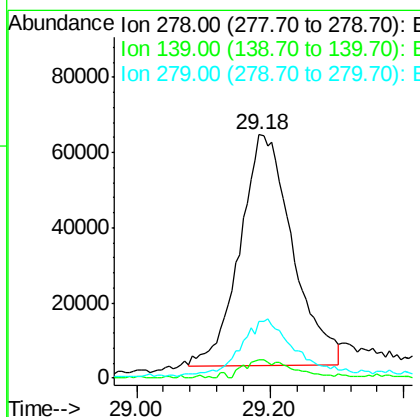
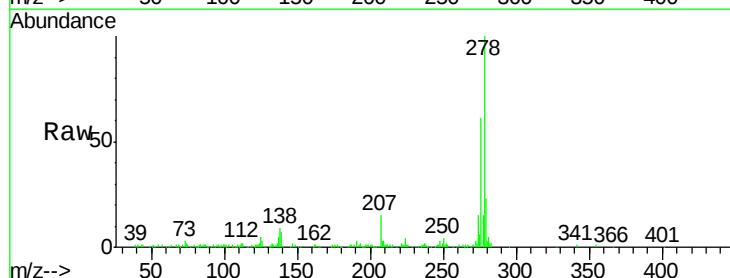
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02021

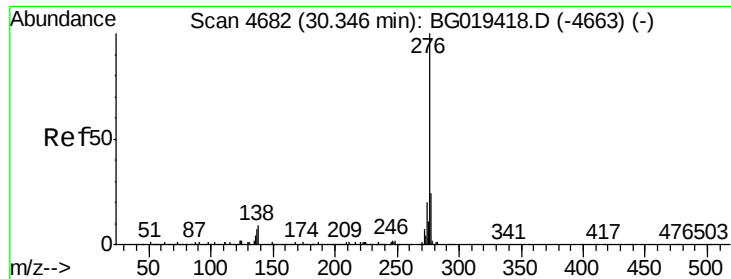
Tgt Ion: 276 Resp: 349620  
 Ion Ratio Lower Upper  
 276 100  
 138 10.5 6.2 9.4#  
 277 22.3 17.9 26.9



#93  
 Dibenzo(a,h)anthracene  
 Concen: 15.96 ng/ul  
 RT: 29.18 min Scan# 4484  
 Delta R.T. -0.02 min  
 Lab File: BG019428.D  
 Acq: 30 Oct 2015 9:55

Tgt Ion: 278 Resp: 335602  
 Ion Ratio Lower Upper  
 278 100  
 139 7.4 5.8 8.6  
 279 23.1 20.3 30.5





#94

Benzo(g,h,i)perylene

Concen: 11.33 ng/ul

RT: 30.34 min Scan# 4680

Delta R.T. -0.01 min

Lab File: BG019428.D

Acq: 30 Oct 2015 9:55

Instrument :

BNA\_G

ClientSampleId :

SSTD02021

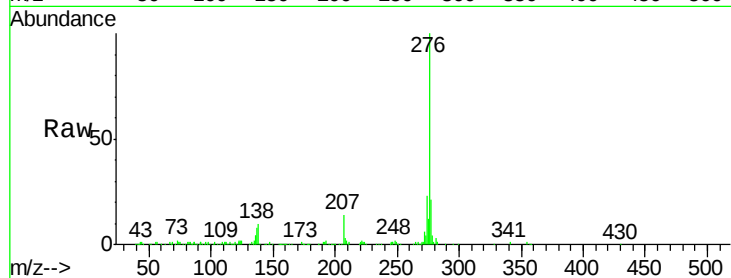
Tgt Ion: 276 Resp: 216603

Ion Ratio Lower Upper

276 100

138 9.5 5.6 8.4#

277 21.5 16.0 24.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

