

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\  
 Data File : BG020595.D  
 Acq On : 30 Dec 2015 5:51  
 Operator : UM/SJ  
 Sample : SSTD04010  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD04010

Quant Time: Dec 30 07:26:38 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Dec 30 07:20:56 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.06  | 152  | 19368    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.88 | 136  | 86910    | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.70 | 164  | 63923    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.44 | 188  | 163375   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.72 | 240  | 197707   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.97 | 264  | 189256   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.42  | 96  | 5427   | 15.42 | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.22  | 99  | 65398  | 41.86 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.38  | 67  | 39945  | 42.91 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.59  | 132 | 51984  | 43.40 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.77  | 113 | 55579  | 42.01 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.23  | 128 | 28339  | 41.84 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.96  | 143 | 33079  | 42.43 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.50 | 165 | 60753  | 40.69 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.01 | 131 | 73720  | 42.69 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.10 | 166 | 207298 | 39.63 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.39 | 160 | 235322 | 38.96 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.91 | 143 | 34875  | 40.58 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.69 | 176 | 184403 | 39.08 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.81 | 200 | 40158  | 37.99 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.54 | 188 | 299352 | 39.18 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.83 | 212 | 354381 | 41.05 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.75 | 264 | 389353 | 41.11 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       | Ovalue    |
|--------------------------------|-------|-----|--------|-------|-----------|
| 2) 1,4-Dioxane                 | 3.46  | 88  | 6494   | 16.39 | ng/uL# 82 |
| 4) Benzaldehyde                | 7.19  | 77  | 43406  | 45.49 | ng/ul 89  |
| 6) Phenol                      | 7.25  | 94  | 70773  | 42.82 | ng/ul 95  |
| 8) Bis(2-Chloroethyl)ether     | 7.48  | 93  | 50014  | 41.52 | ng/ul 99  |
| 10) 2-Chlorophenol             | 7.62  | 128 | 54550  | 43.81 | ng/ul 98  |
| 11) 2-Methylphenol             | 8.50  | 108 | 54608  | 42.88 | ng/ul 95  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.59  | 45  | 66731  | 43.07 | ng/ul 98  |
| 14) Acetophenone               | 8.89  | 105 | 92725  | 43.46 | ng/ul 97  |
| 15) N-Nitroso-di-n-propylamine | 8.87  | 70  | 46617  | 43.14 | ng/ul 99  |
| 16) 4-Methylphenol             | 8.83  | 108 | 60046  | 43.28 | ng/ul 98  |
| 17) Hexachloroethane           | 9.14  | 117 | 21579  | 40.87 | ng/ul 91  |
| 20) Nitrobenzene               | 9.27  | 77  | 67935  | 40.23 | ng/ul 94  |
| 21) Isophorone                 | 9.80  | 82  | 130831 | 40.53 | ng/ul 98  |
| 23) 2-Nitrophenol              | 9.98  | 139 | 34638  | 42.36 | ng/ul 96  |
| 24) 2,4-Dimethylphenol         | 10.04 | 107 | 70896  | 40.99 | ng/ul 96  |
| 25) Bis(2-Chloroethoxy)methane | 10.28 | 93  | 73459  | 41.06 | ng/ul 99  |
| 27) 2,4-Dichlorophenol         | 10.53 | 162 | 63025  | 41.18 | ng/ul 97  |
| 28) Naphthalene                | 10.92 | 128 | 181490 | 39.36 | ng/ul 99  |
| 30) 4-Chloroaniline            | 11.04 | 127 | 73696  | 42.17 | ng/ul 98  |
| 31) Hexachlorobutadiene        | 11.20 | 225 | 48893  | 38.41 | ng/ul 98  |
| 32) Caprolactam                | 11.81 | 113 | 11666  | 23.32 | ng/ul 97  |
| 33) 4-Chloro-3-methylphenol    | 12.16 | 107 | 68569  | 42.68 | ng/ul 98  |
| 34) 2-Methylnaphthalene        | 12.53 | 142 | 137889 | 40.30 | ng/ul 100 |

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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 35) 1-Methylnaphthalene        | 12.75 | 142  | 130925   | 40.27 | ng/ul  | 98       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.89 | 216  | 97737    | 38.28 | ng/ul  | 99       |
| 38) Hexachlorocyclopentadiene  | 12.87 | 237  | 36716    | 28.69 | ng/ul  | 95       |
| 39) 2,4,6-Trichlorophenol      | 13.13 | 196  | 56550    | 37.84 | ng/ul  | 98       |
| 40) 2,4,5-Trichlorophenol      | 13.21 | 196  | 61828    | 37.81 | ng/ul  | 98       |
| 41) 1,1'-Biphenyl              | 13.53 | 154  | 190373   | 38.95 | ng/ul  | 98       |
| 42) 2-Chloronaphthalene        | 13.57 | 162  | 154095   | 39.03 | ng/ul  | 100      |
| 43) 2-Nitroaniline             | 13.78 | 65   | 46144    | 41.35 | ng/ul  | 99       |
| 45) Dimethylphthalate          | 14.14 | 163  | 209368   | 39.32 | ng/ul  | 99       |
| 46) 2,6-Dinitrotoluene         | 14.27 | 165  | 44775    | 41.22 | ng/ul  | 97       |
| 48) Acenaphthylene             | 14.42 | 152  | 248973   | 39.22 | ng/ul  | 99       |
| 49) 3-Nitroaniline             | 14.61 | 138  | 43624    | 43.55 | ng/ul  | 96       |
| 50) Acenaphthene               | 14.76 | 153  | 168137   | 39.02 | ng/ul  | 100      |
| 51) 2,4-Dinitrophenol          | 14.82 | 184  | 19637    | 30.12 | ng/ul  | 94       |
| 53) 4-Nitrophenol              | 14.92 | 109  | 30512    | 39.38 | ng/ul  | 99       |
| 54) Dibenzofuran               | 15.10 | 168  | 252686   | 39.45 | ng/ul  | 98       |
| 55) 2,4-Dinitrotoluene         | 15.06 | 165  | 67057    | 41.42 | ng/ul  | 98       |
| 56) 2,3,4,6-Tetrachlorophenol  | 15.33 | 232  | 60523    | 37.69 | ng/ul# | 99       |
| 57) Diethylphthalate           | 15.50 | 149  | 215586   | 39.51 | ng/ul  | 99       |
| 59) Fluorene                   | 15.74 | 166  | 203434   | 39.23 | ng/ul  | 97       |
| 60) 4-Chlorophenyl-phenylether | 15.73 | 204  | 119790   | 39.76 | ng/ul  | 98       |
| 61) 4-Nitroaniline             | 15.77 | 138  | 46879    | 41.77 | ng/ul  | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 15.83 | 198  | 43566    | 38.60 | ng/ul  | 97       |
| 65) N-Nitrosodiphenylamine     | 15.95 | 169  | 179798   | 39.63 | ng/ul  | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.62 | 248  | 80236    | 39.75 | ng/ul  | 100      |
| 67) Hexachlorobenzene          | 16.75 | 284  | 87000    | 38.83 | ng/ul  | 92       |
| 68) Atrazine                   | 16.89 | 200  | 81716    | 40.53 | ng/ul  | 95       |
| 69) Pentachlorophenol          | 17.09 | 266  | 36391    | 31.94 | ng/ul  | 99       |
| 70) Phenanthrene               | 17.49 | 178  | 352680   | 39.14 | ng/ul  | 99       |
| 72) Anthracene                 | 17.58 | 178  | 358029   | 38.82 | ng/ul  | 98       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.50 | 216  | 106987   | 39.82 | ng/uL  | 96       |
| 74) Pentachlorobenzene         | 15.01 | 250  | 100066   | 39.78 | ng/uL  | 98       |
| 75) Carbazole                  | 17.85 | 167  | 315288   | 40.32 | ng/ul  | 99       |
| 76) Di-n-butylphthalate        | 18.39 | 149  | 366388   | 39.47 | ng/ul  | 99       |
| 77) Fluoranthene               | 19.49 | 202  | 447216   | 39.58 | ng/ul  | 99       |
| 80) Pvrene                     | 19.86 | 202  | 449034   | 39.95 | ng/ul  | 99       |
| 81) Butylbenzylphthalate       | 20.73 | 149  | 167136   | 42.05 | ng/ul  | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.61 | 252  | 162860   | 42.47 | ng/ul  | 99       |
| 83) Benzo(a)anthracene         | 21.69 | 228  | 466102   | 40.32 | ng/ul  | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.58 | 149  | 238209   | 41.10 | ng/ul  | 99       |
| 85) Chrysene                   | 21.76 | 228  | 437743   | 39.90 | ng/ul  | 99       |
| 87) Di-n-octyl phthalate       | 22.79 | 149  | 412565   | 42.46 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 23.94 | 252  | 458764   | 40.80 | ng/ul  | 99       |
| 89) Benzo(k)fluoranthene       | 24.00 | 252  | 441939   | 40.52 | ng/ul  | 98       |
| 91) Benzo(a)pyrene             | 24.83 | 252  | 444234   | 41.03 | ng/ul  | 99       |
| 92) Indeno(1,2,3-cd)pyrene     | 28.70 | 276  | 533630   | 40.99 | ng/ul  | 99       |
| 93) Dibenzo(a,h)anthracene     | 28.75 | 278  | 445866   | 41.28 | ng/ul  | 99       |
| 94) Benzo(a,h,i)perylene       | 29.86 | 276  | 438219   | 41.02 | ng/ul  | 100      |

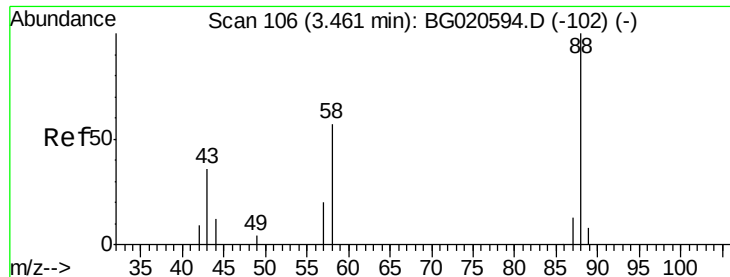
Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\  
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| Internal Standards                                                         | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                      |      |      |          |      |       |          |
| (#) = qualifier out of range (m) = manual integration (+) = signals summed |      |      |          |      |       |          |





#2

1,4-Dioxane

Concen: 16.39 ng/uL

RT: 3.46 min Scan# 105

Delta R.T. -0.00 min

Lab File: BG020595.D

Acq: 30 Dec 2015 5:51

Instrument :

BNA\_G

ClientSampleID :

SSTD04010

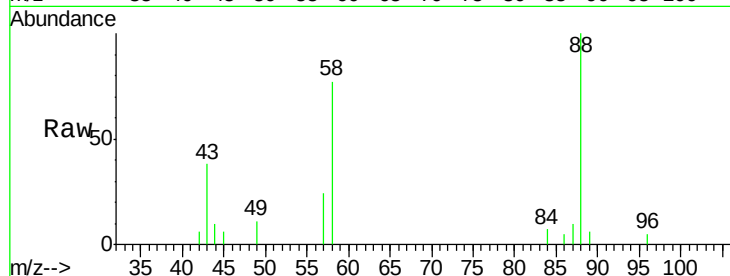
Tot Ion: 88 Resp: 6494

Ion Ratio Lower Upper

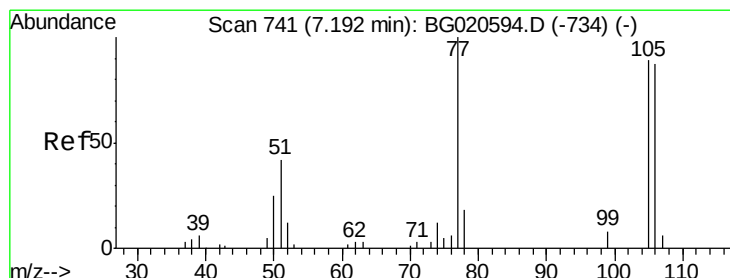
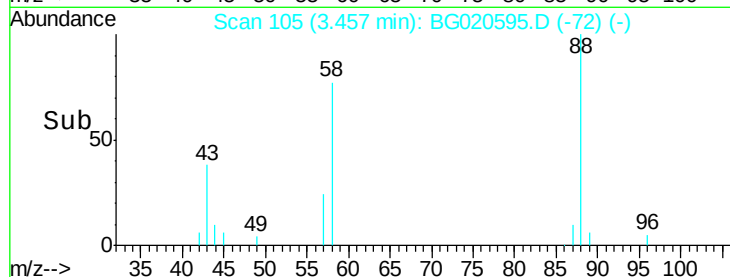
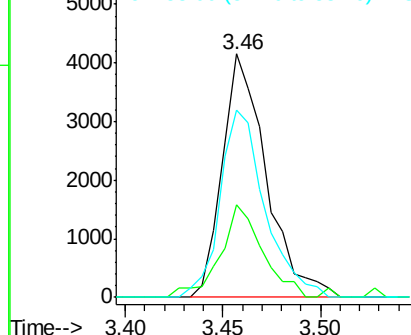
88 100

43 38.1 29.0 43.4

58 77.1 45.9 68.9#



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: 45.49 ng/uL

RT: 7.19 min Scan# 741

Delta R.T. 0.00 min

Lab File: BG020595.D

Acq: 30 Dec 2015 5:51

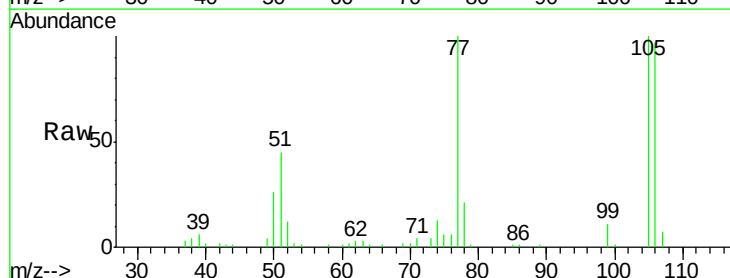
Tgt Ion: 77 Resp: 43406

Ion Ratio Lower Upper

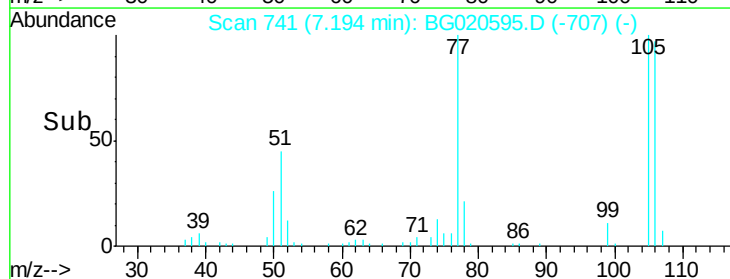
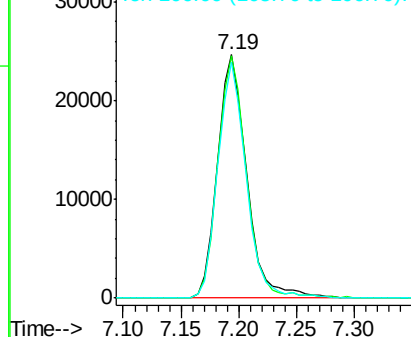
77 100

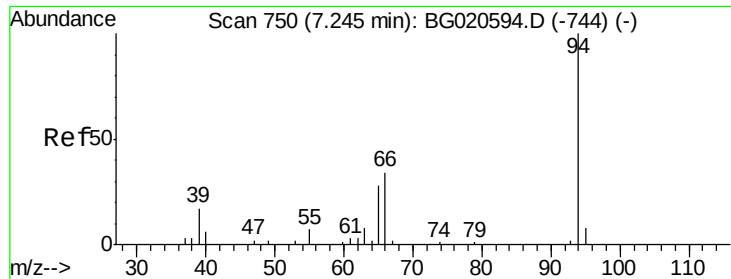
105 99.8 71.0 106.6

106 97.1 69.5 104.3



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: 42.82 ng/ul

RT: 7.25 min Scan# 750

Delta R.T. 0.00 min

Lab File: BG020595.D

Acq: 30 Dec 2015 5:51

Instrument :

BNA\_G

ClientSampleId :

SSTD04010

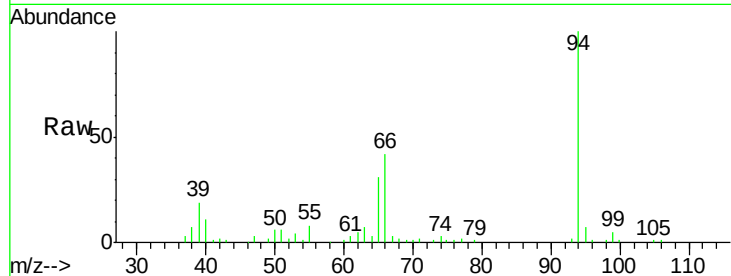
Tot Ion: 94 Resp: 70773

Ion Ratio Lower Upper

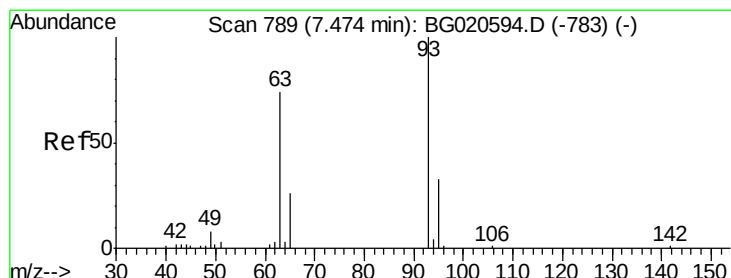
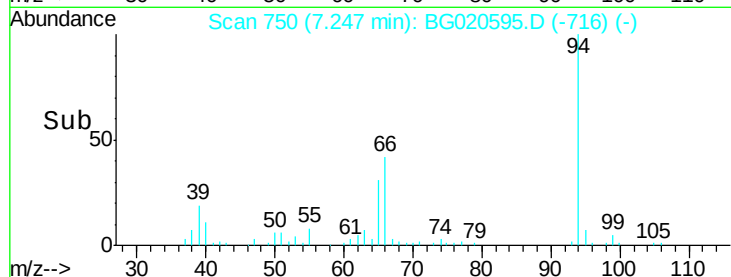
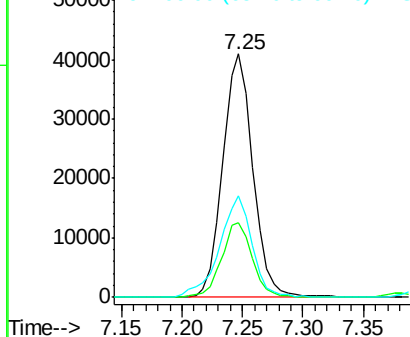
94 100

65 30.5 23.0 34.6

66 41.7 30.4 45.6



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



#8

Bis(2-Chloroethyl)ether

Concen: 41.52 ng/ul

RT: 7.48 min Scan# 789

Delta R.T. 0.00 min

Lab File: BG020595.D

Acq: 30 Dec 2015 5:51

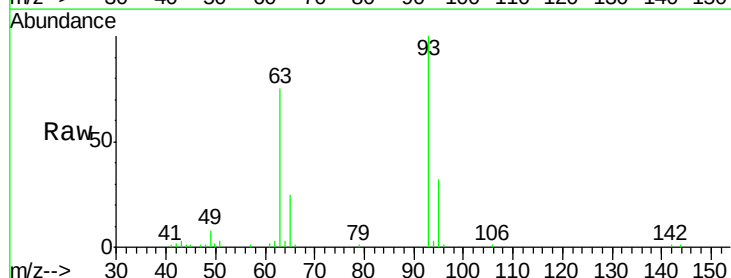
Tgt Ion: 93 Resp: 50014

Ion Ratio Lower Upper

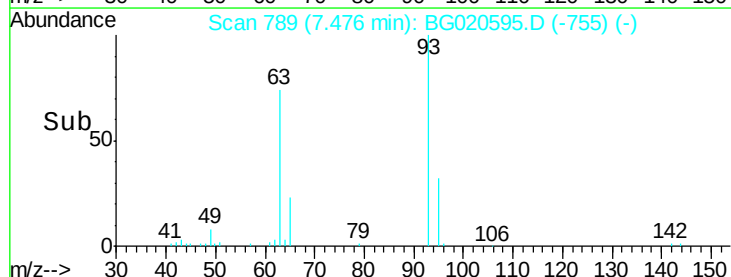
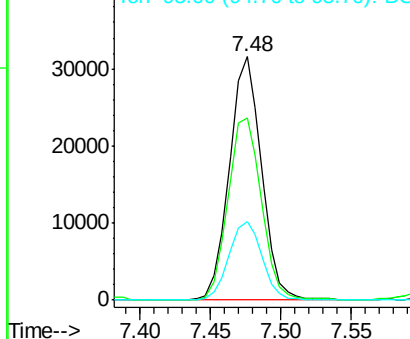
93 100

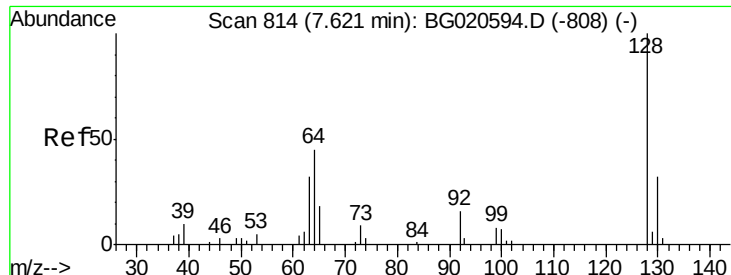
63 74.9 59.4 89.2

95 32.0 26.4 39.6



Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC

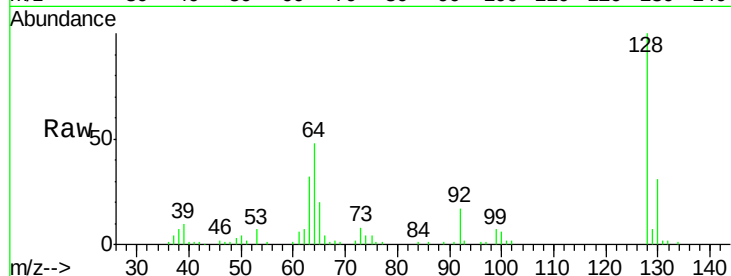




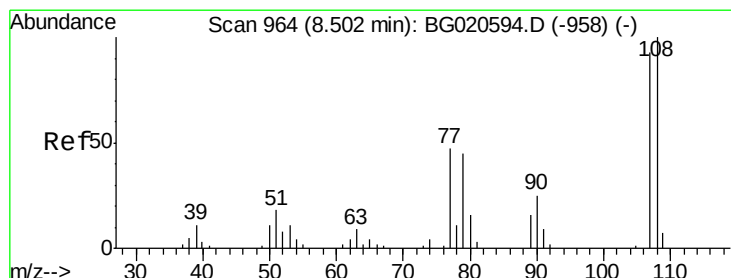
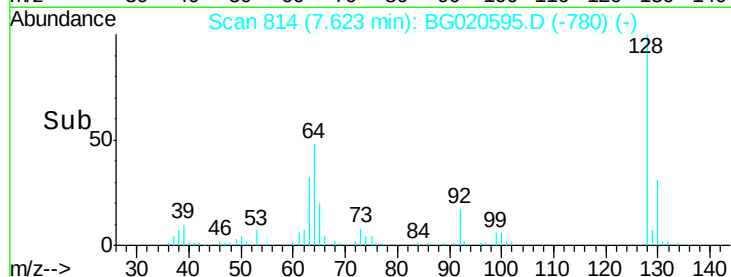
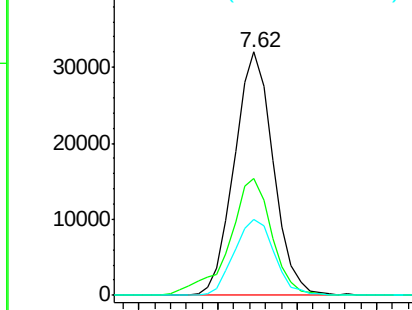
#10  
2-Chlorophenol  
Concen: 43.81 ng/ul  
RT: 7.62 min Scan# 814  
Delta R.T. 0.00 min  
Lab File: BG020595.D  
Acq: 30 Dec 2015 5:51

Instrument :  
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SSTD04010

Tot Ion:128 Resp: 54550  
Ion Ratio Lower Upper  
128 100  
64 47.8 39.8 59.6  
130 31.2 25.8 38.8

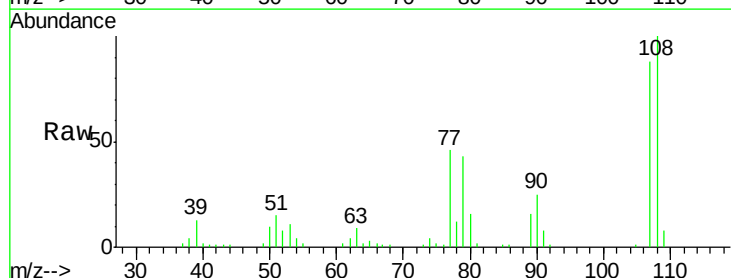


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 64.00 (63.70 to 64.70): BG  
Ion 130.00 (129.70 to 130.70): E

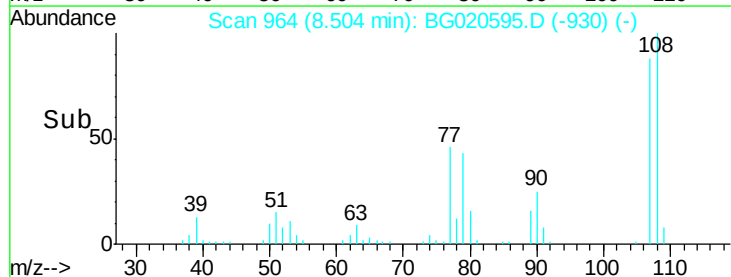
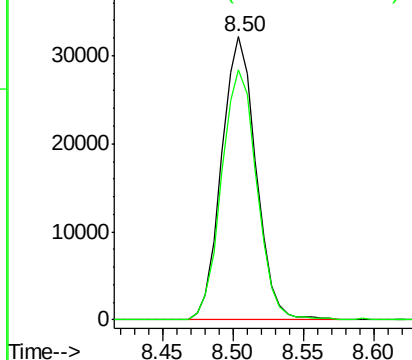


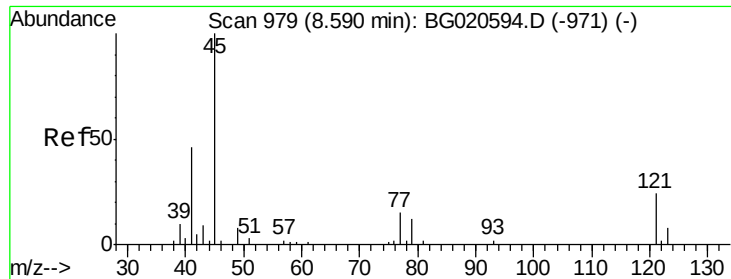
#11  
2-Methylphenol  
Concen: 42.88 ng/ul  
RT: 8.50 min Scan# 964  
Delta R.T. 0.00 min  
Lab File: BG020595.D  
Acq: 30 Dec 2015 5:51

Tgt Ion:108 Resp: 54608  
Ion Ratio Lower Upper  
108 100  
107 88.2 74.1 111.1



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: 43.07 ng/ul

RT: 8.59 min Scan# 979

Delta R.T. 0.00 min

Lab File: BG020595.D

Acq: 30 Dec 2015 5:51

Instrument :

BNA\_G

ClientSampleId :

SSTD04010

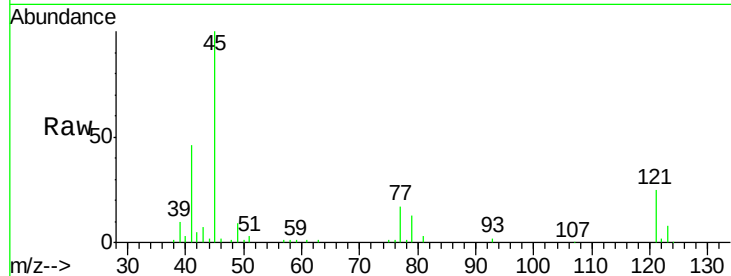
Tot Ion: 45 Resp: 66731

Ion Ratio Lower Upper

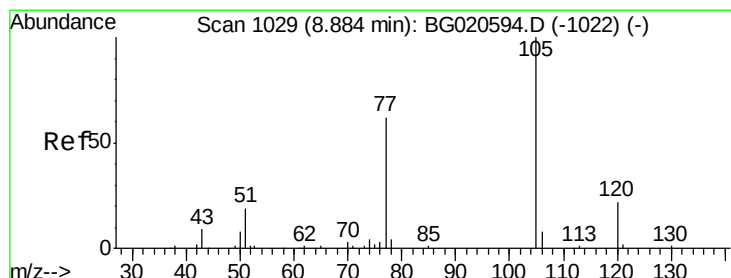
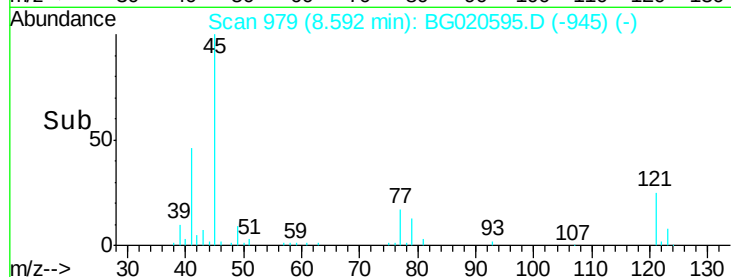
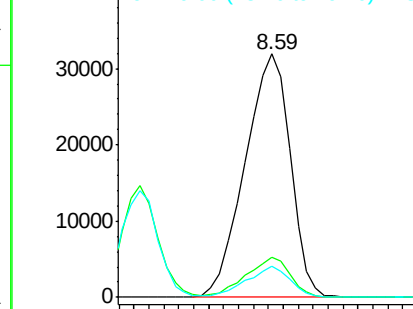
45 100

77 16.7 12.5 18.7

79 12.6 9.4 14.2



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



#14

Acetophenone

Concen: 43.46 ng/ul

RT: 8.89 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BG020595.D

Acq: 30 Dec 2015 5:51

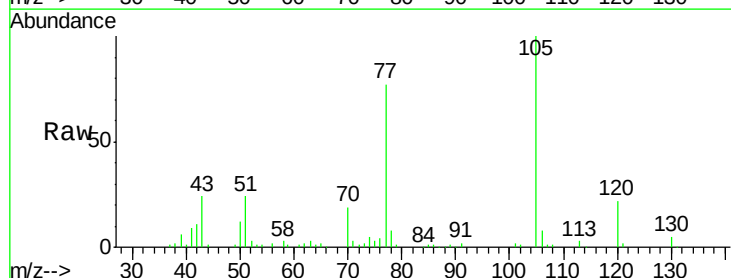
Tgt Ion: 105 Resp: 92725

Ion Ratio Lower Upper

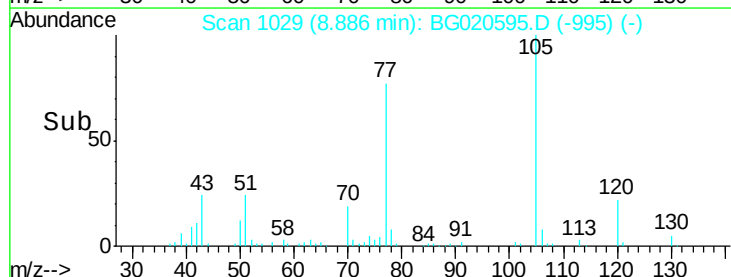
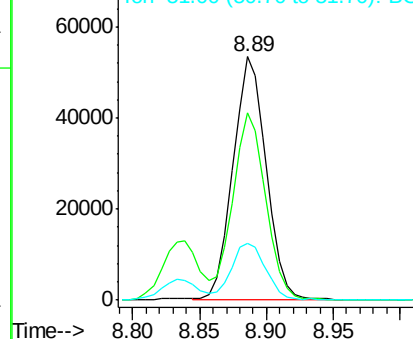
105 100

77 76.7 63.2 94.8

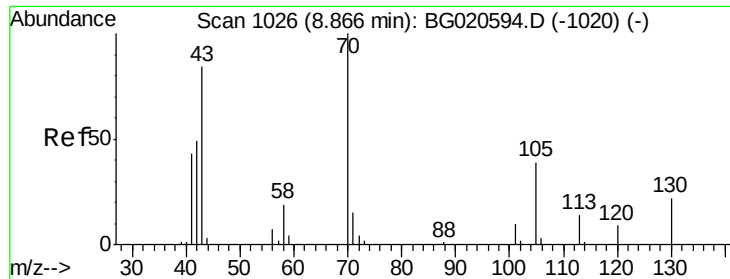
51 23.5 19.8 29.8



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







#15

N-Nitroso-di-n-propylamine

Concen: 43.14 ng/ul

RT: 8.87 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BG020595.D

Acq: 30 Dec 2015 5:51

Instrument :

BNA\_G

ClientSampleId :

SSTD04010

Tot Ion: 70 Resp: 46617

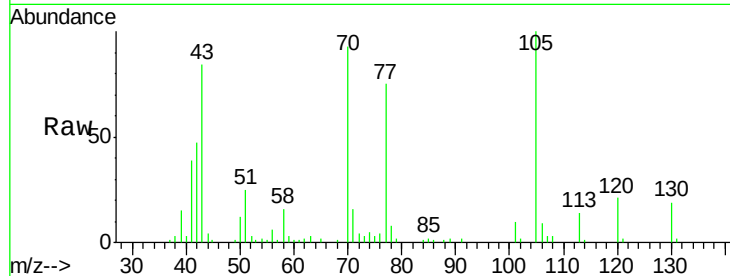
Ion Ratio Lower Upper

70 100

42 50.5 40.2 60.4

101 11.0 7.7 11.5

130 20.7 17.8 26.6

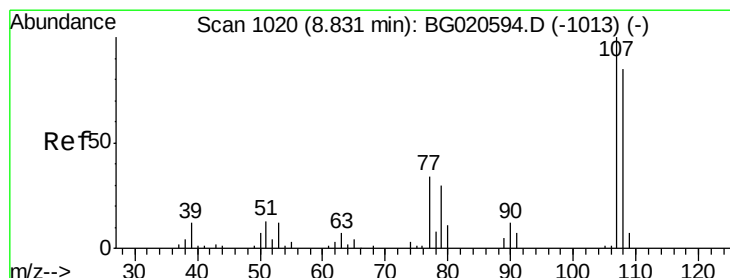
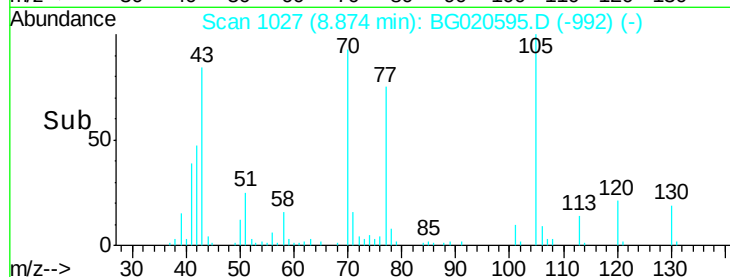
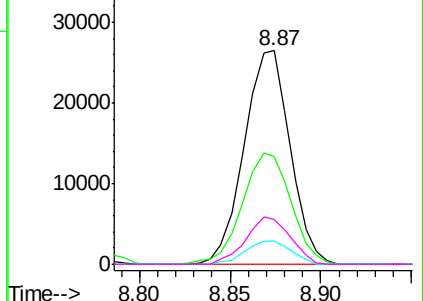


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#16

4-Methylphenol

Concen: 43.28 ng/ul

RT: 8.83 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BG020595.D

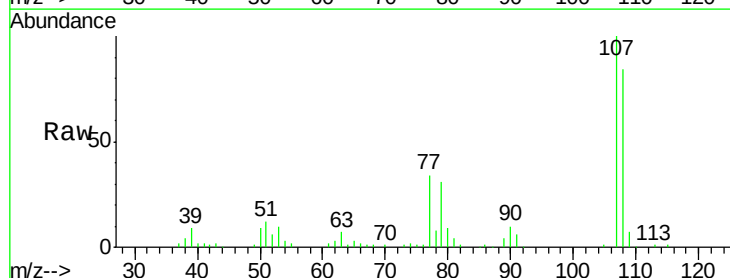
Acq: 30 Dec 2015 5:51

Tgt Ion: 108 Resp: 60046

Ion Ratio Lower Upper

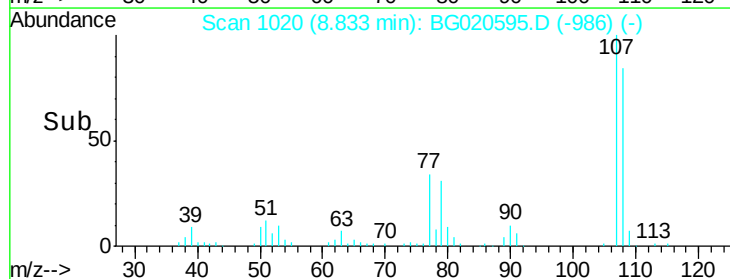
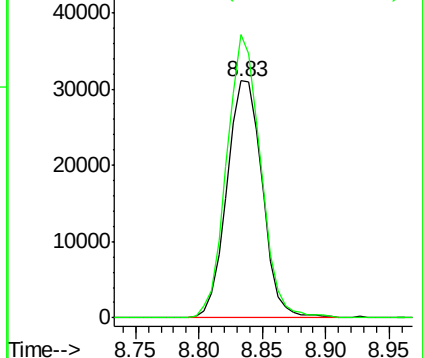
108 100

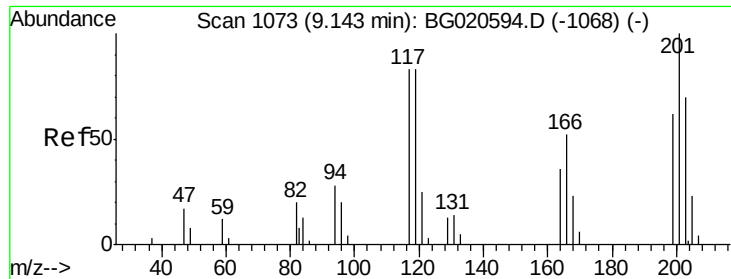
107 119.6 93.6 140.4



Abundance Ion 108.00 (107.70 to 108.70): BGC

Ion 107.00 (106.70 to 107.70): BGC

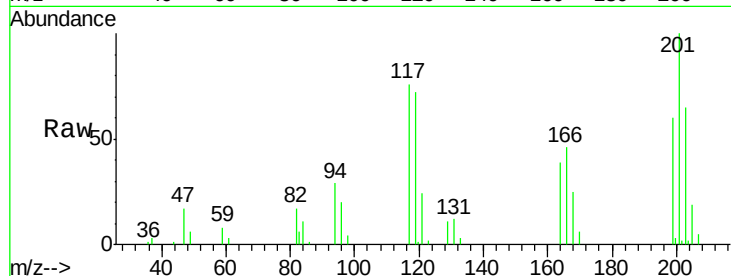




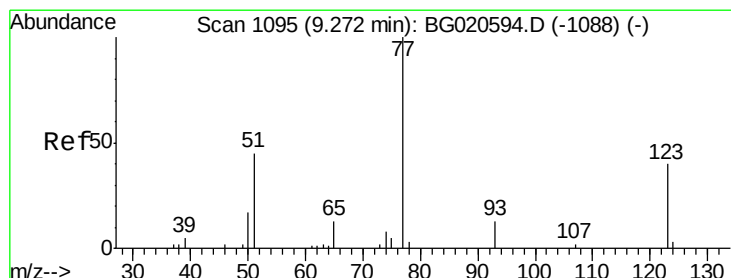
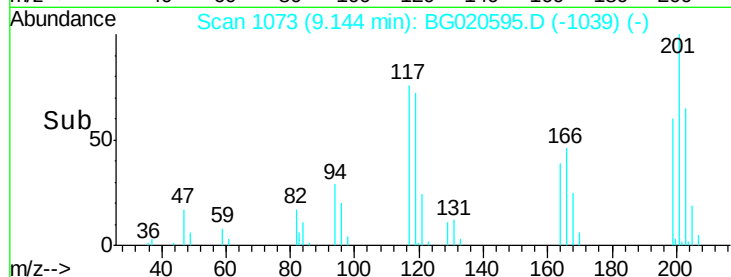
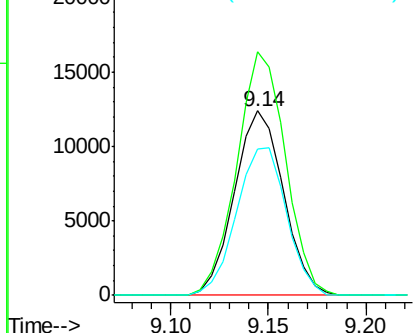
#17  
Hexachloroethane  
Concen: 40.87 ng/ul  
RT: 9.14 min Scan# 1073  
Delta R.T. 0.00 min  
Lab File: BG020595.D  
Acq: 30 Dec 2015 5:51

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD04010

Tot Ion:117 Resp: 21579  
Ion Ratio Lower Upper  
117 100  
201 131.9 96.1 144.1  
199 79.5 59.7 89.5

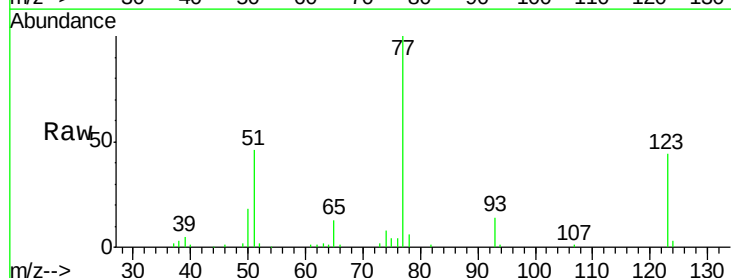


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 201.00 (200.70 to 201.70): E  
Ion 199.00 (198.70 to 199.70): E

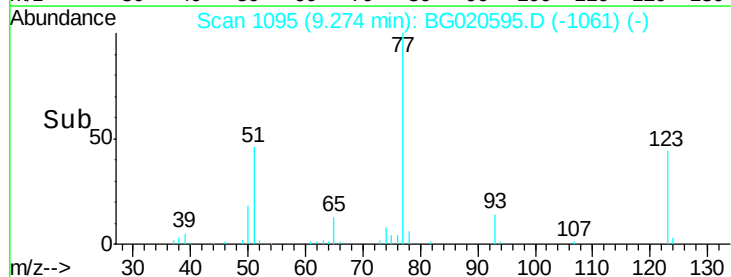
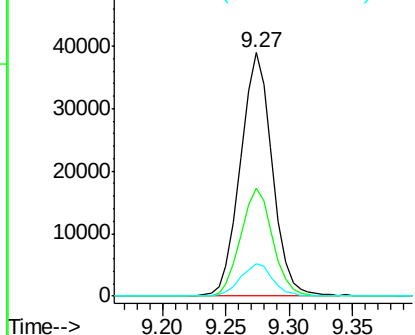


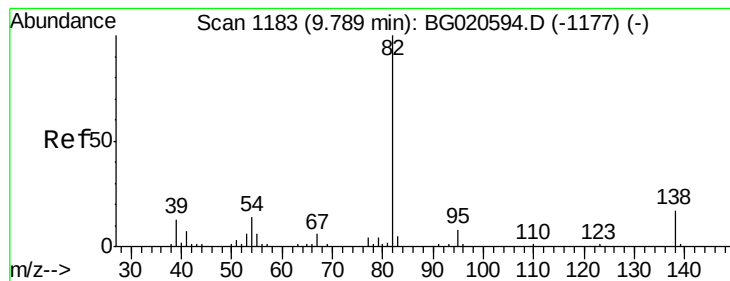
#20  
Nitrobenzene  
Concen: 40.23 ng/ul  
RT: 9.27 min Scan# 1095  
Delta R.T. 0.00 min  
Lab File: BG020595.D  
Acq: 30 Dec 2015 5:51

Tgt Ion: 77 Resp: 67935  
Ion Ratio Lower Upper  
77 100  
123 44.3 31.8 47.8  
65 13.5 10.6 16.0



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: 40.53 ng/ul

RT: 9.80 min Scan# 1184

Delta R.T. 0.01 min

Lab File: BG020595.D

Acq: 30 Dec 2015 5:51

Instrument :

BNA\_G

ClientSampleId :

SSTD04010

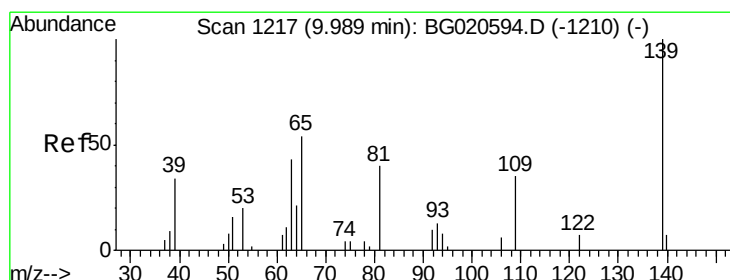
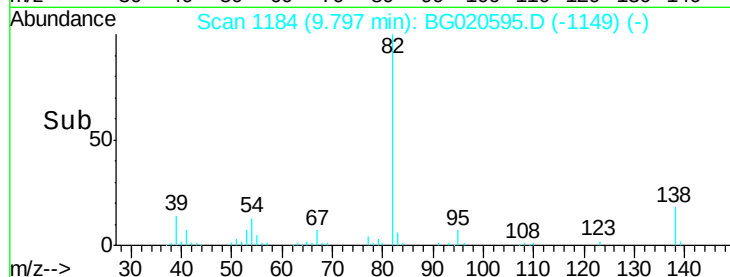
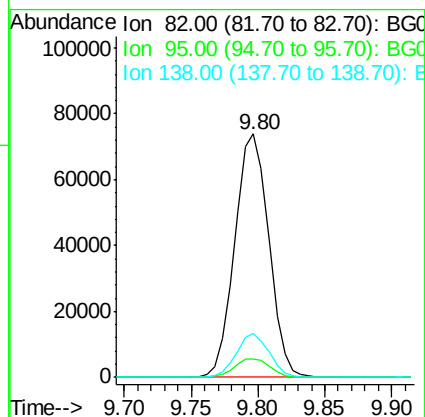
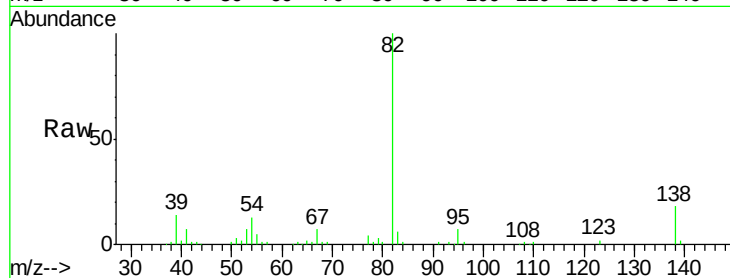
Tot Ion: 82 Resp: 130831

Ion Ratio Lower Upper

82 100

95 7.5 6.1 9.1

138 18.0 13.5 20.3



#23

2-Nitrophenol

Concen: 42.36 ng/ul

RT: 9.98 min Scan# 1216

Delta R.T. -0.00 min

Lab File: BG020595.D

Acq: 30 Dec 2015 5:51

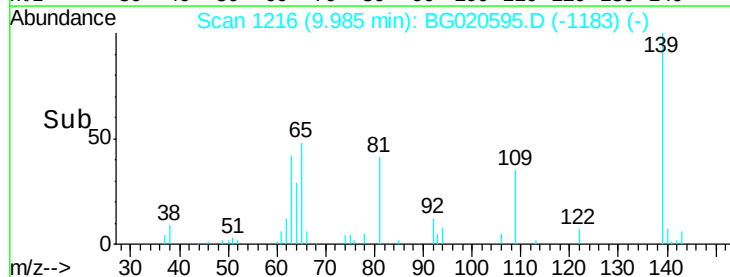
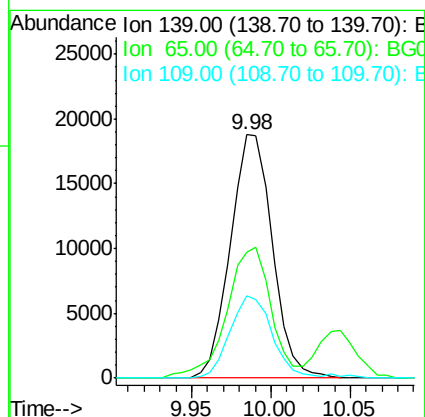
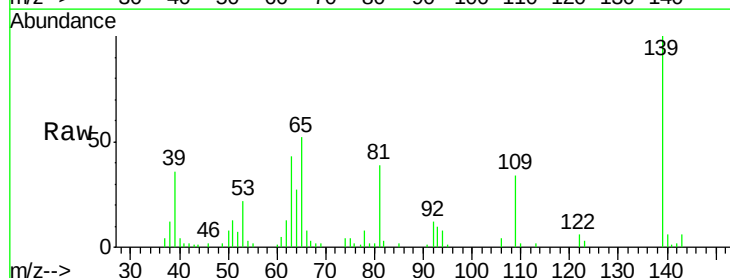
Tgt Ion: 139 Resp: 34638

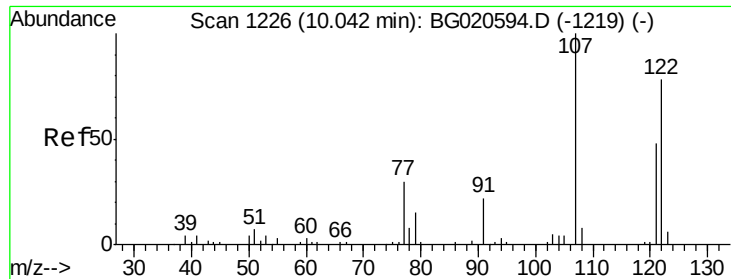
Ion Ratio Lower Upper

139 100

65 51.8 45.3 67.9

109 34.0 27.7 41.5

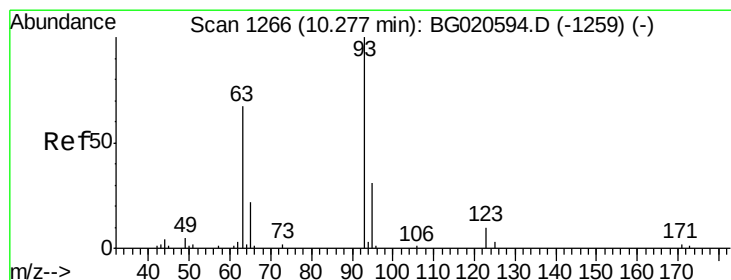
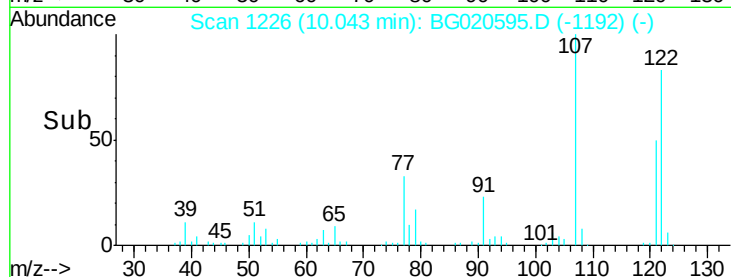
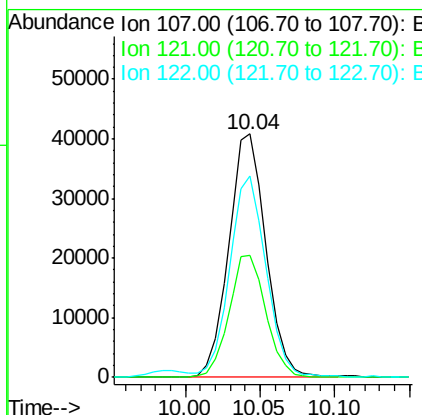
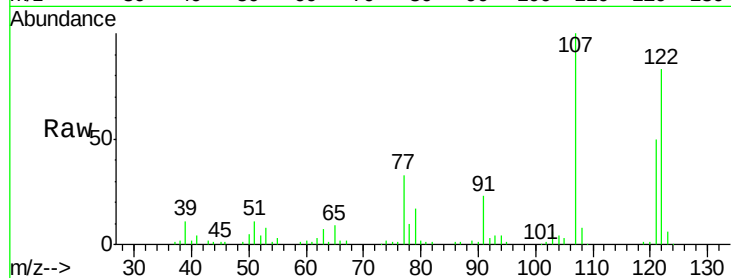




#24  
 2,4-Dimethylphenol  
 Concen: 40.99 ng/ul  
 RT: 10.04 min Scan# 1226  
 Delta R.T. 0.00 min  
 Lab File: BG020595.D  
 Acq: 30 Dec 2015 5:51

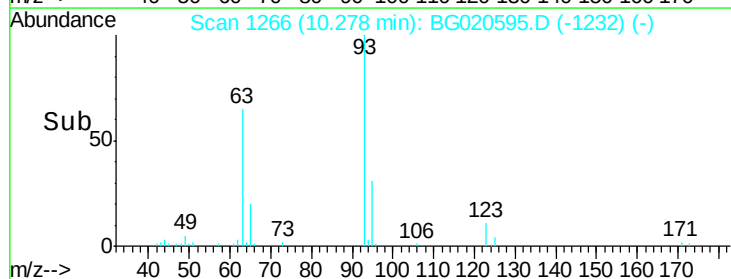
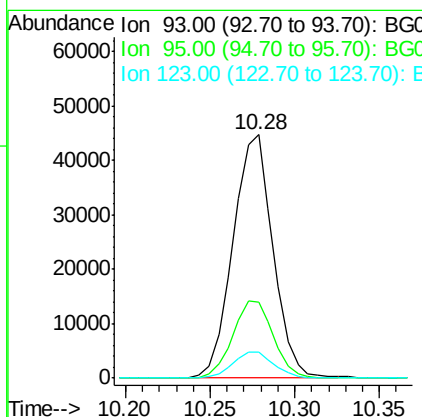
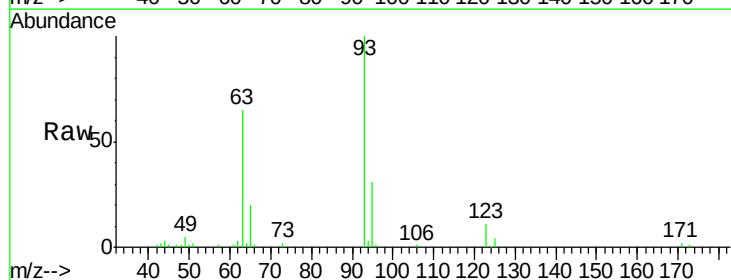
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST04010

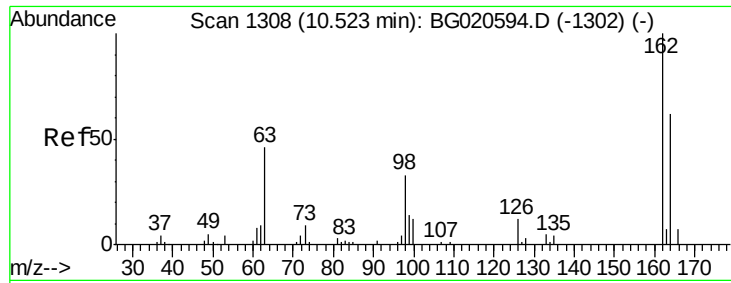
Tot Ion: 107 Resp: 70896  
 Ion Ratio Lower Upper  
 107 100  
 121 50.2 38.1 57.1  
 122 82.9 63.8 95.8



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 41.06 ng/ul  
 RT: 10.28 min Scan# 1266  
 Delta R.T. 0.00 min  
 Lab File: BG020595.D  
 Acq: 30 Dec 2015 5:51

Tgt Ion: 93 Resp: 73459  
 Ion Ratio Lower Upper  
 93 100  
 95 31.1 24.7 37.1  
 123 10.8 8.2 12.2

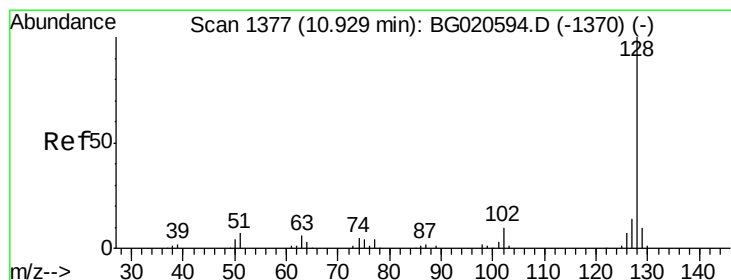
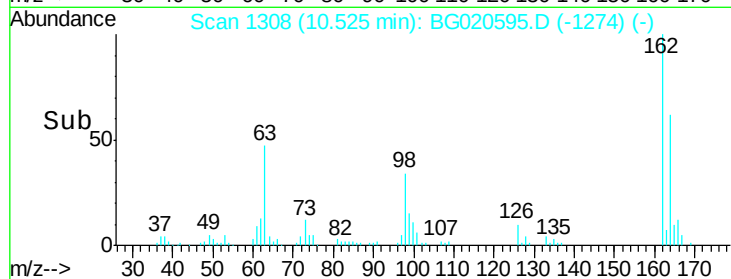
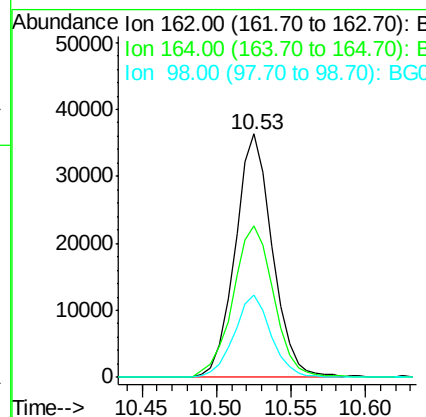
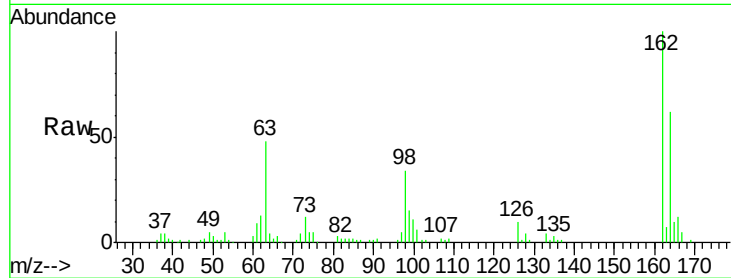




#27  
 2,4-Dichlorophenol  
 Concen: 41.18 ng/ul  
 RT: 10.53 min Scan# 1308  
 Delta R.T. 0.00 min  
 Lab File: BG020595.D  
 Acq: 30 Dec 2015 5:51

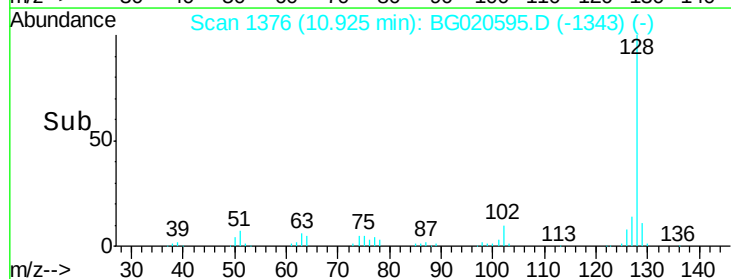
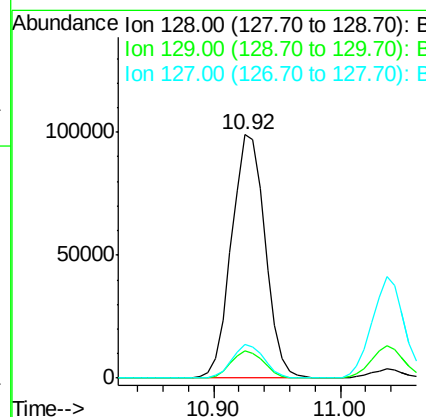
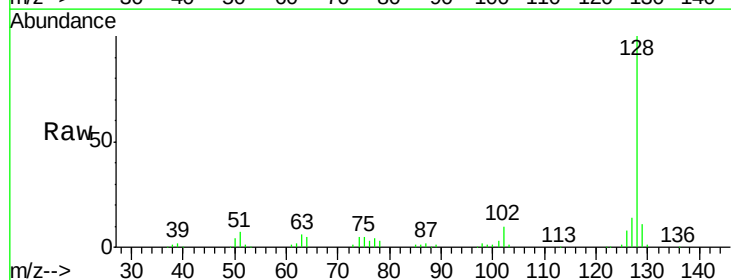
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST04010

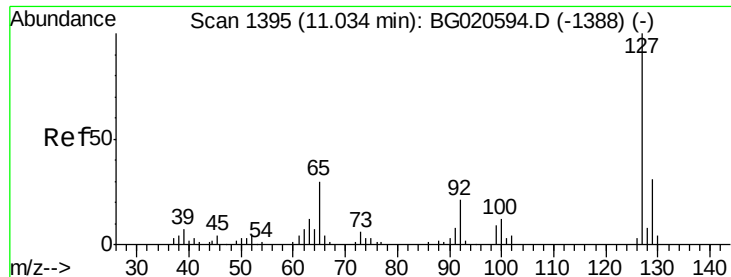
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 62.3  | 52.0  | 78.0  |
| 98      | 34.0  | 26.6  | 39.8  |



#28  
 Naphthalene  
 Concen: 39.36 ng/ul  
 RT: 10.92 min Scan# 1376  
 Delta R.T. -0.00 min  
 Lab File: BG020595.D  
 Acq: 30 Dec 2015 5:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.0  | 8.3   | 12.5  |
| 127     | 13.7  | 10.8  | 16.2  |

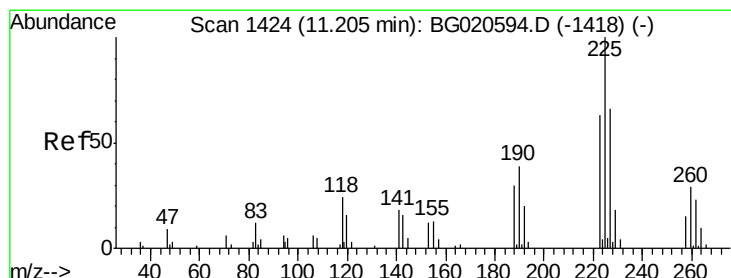
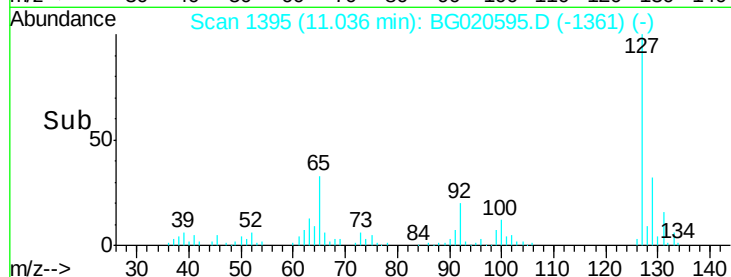
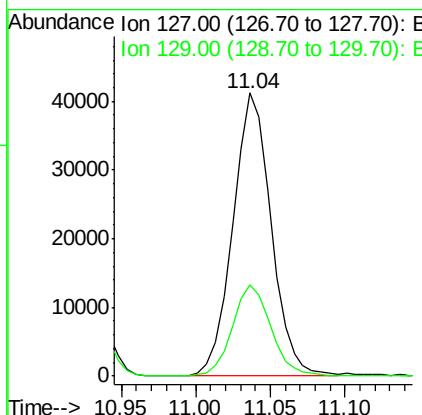
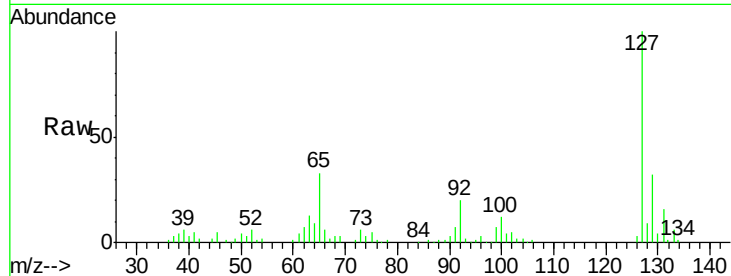




#30  
4-Chloroaniline  
Concen: 42.17 ng/ul  
RT: 11.04 min Scan# 1395  
Delta R.T. 0.00 min  
Lab File: BG020595.D  
Acq: 30 Dec 2015 5:51

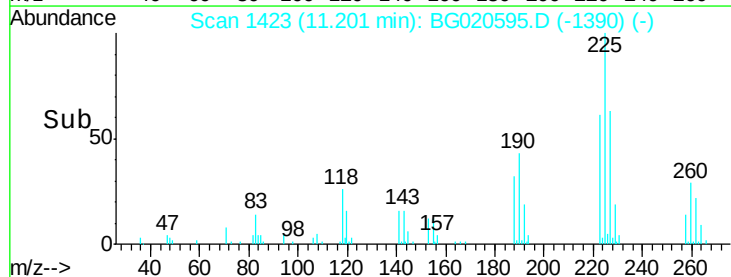
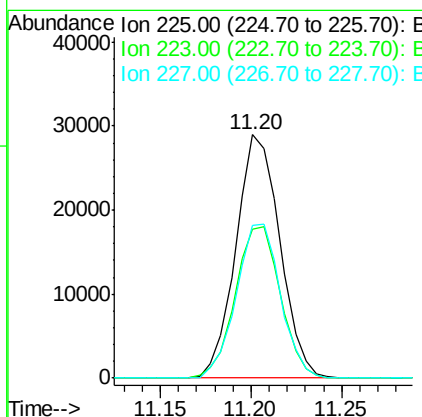
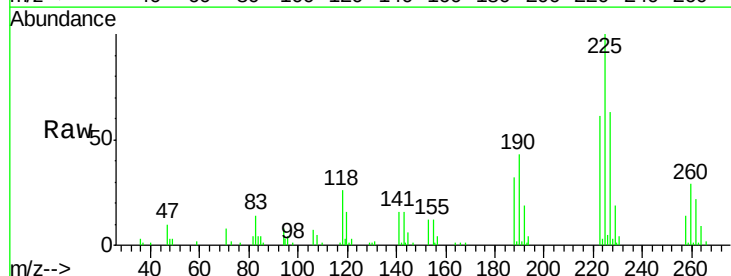
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD04010

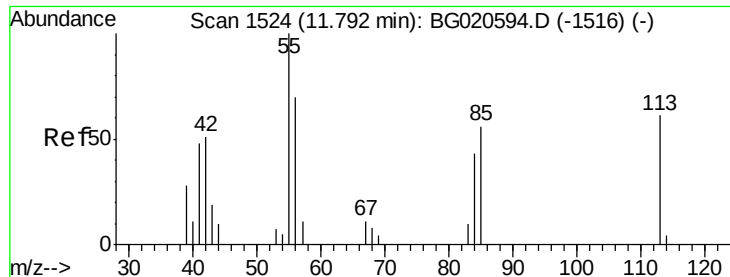
Tot Ion:127 Resp: 73696  
Ion Ratio Lower Upper  
127 100  
129 32.1 24.6 37.0



#31  
Hexachlorobutadiene  
Concen: 38.41 ng/ul  
RT: 11.20 min Scan# 1423  
Delta R.T. -0.00 min  
Lab File: BG020595.D  
Acq: 30 Dec 2015 5:51

Tgt Ion:225 Resp: 48893  
Ion Ratio Lower Upper  
225 100  
223 61.2 48.1 72.1  
227 62.6 52.1 78.1





#32

Caprolactam

Concen: 23.32 ng/ul

RT: 11.81 min Scan# 1526

Delta R.T. 0.01 min

Lab File: BG020595.D

Acq: 30 Dec 2015 5:51

Instrument :

BNA\_G

ClientSampleId :

SSTD04010

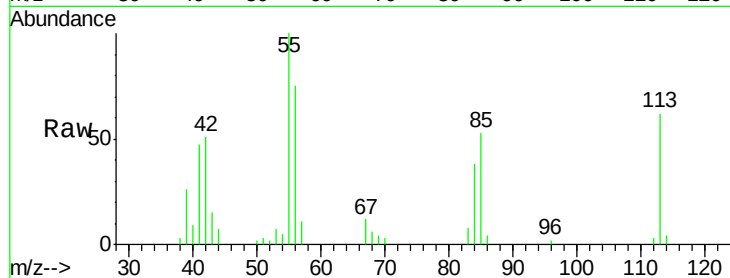
Tot Ion:113 Resp: 11666

Ion Ratio Lower Upper

113 100

55 160.8 131.7 197.5

56 120.2 92.7 139.1

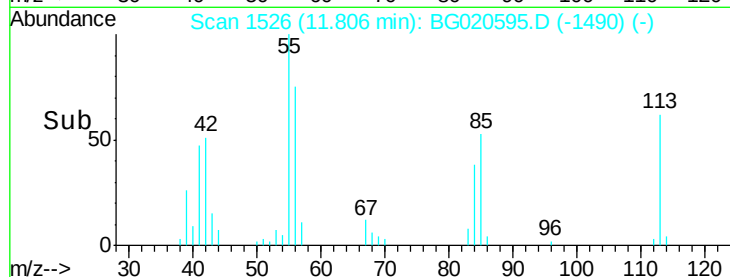


Abundance Ion 113.00 (112.70 to 113.70): E

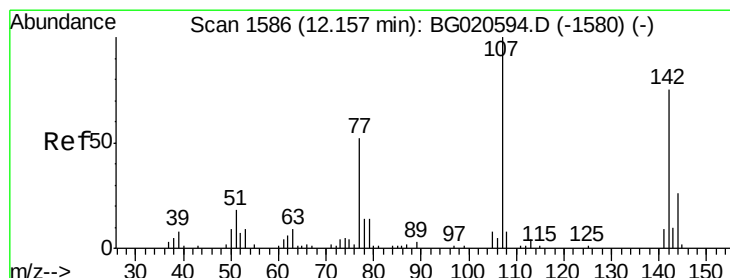
Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG

Time-->



Time-->



#33

4-Chloro-3-methylphenol

Concen: 42.68 ng/ul

RT: 12.16 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BG020595.D

Acq: 30 Dec 2015 5:51

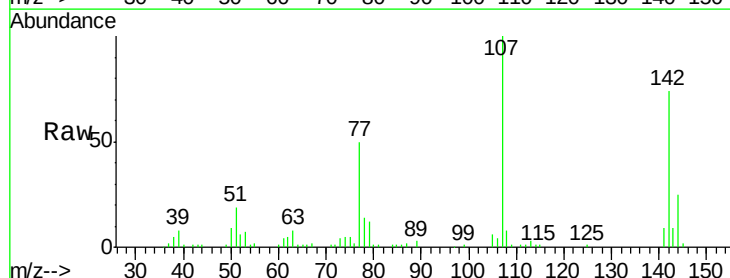
Tgt Ion:107 Resp: 68569

Ion Ratio Lower Upper

107 100

144 25.0 21.1 31.7

142 73.7 60.1 90.1

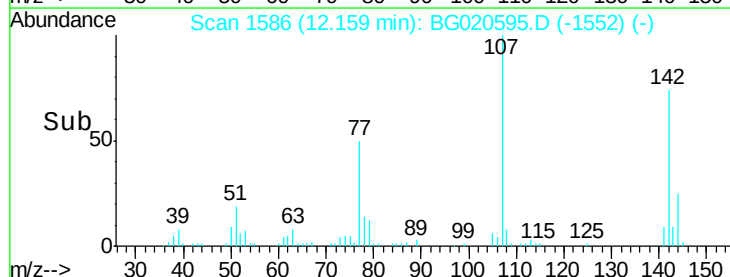


Abundance Ion 107.00 (106.70 to 107.70): E

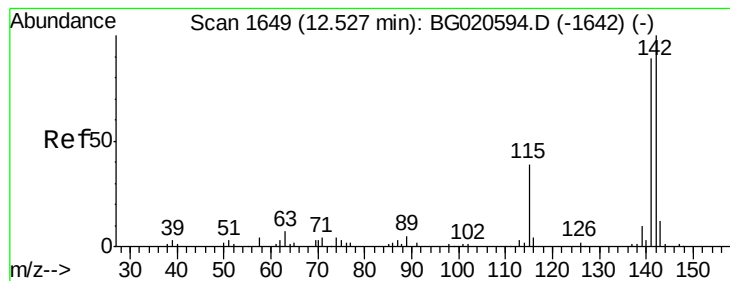
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

Time-->



Time-->



#34

2-Methylnaphthalene

Concen: 40.30 ng/ul

RT: 12.53 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BG020595.D

Acq: 30 Dec 2015 5:51

Instrument :

BNA\_G

ClientSampleId :

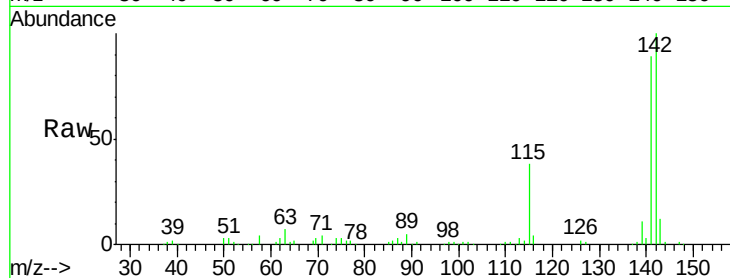
SSTD04010

Tot Ion:142 Resp: 137889

Ion Ratio Lower Upper

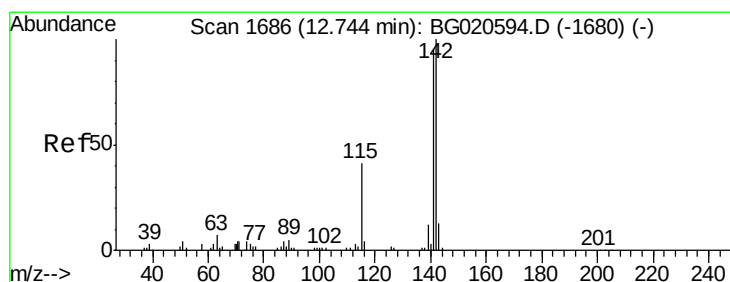
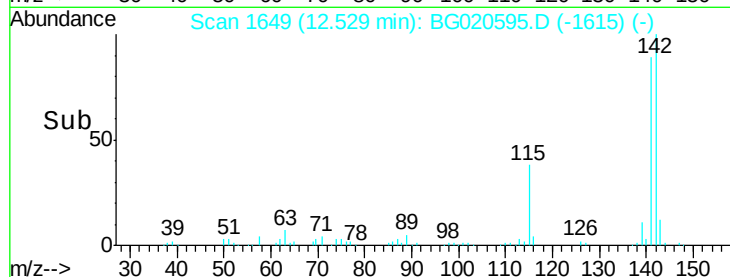
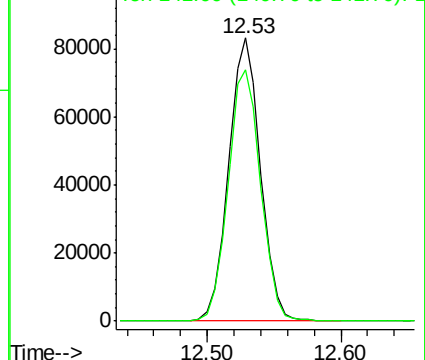
142 100

141 88.9 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#35

1-Methylnaphthalene

Concen: 40.27 ng/ul

RT: 12.75 min Scan# 1686

Delta R.T. 0.00 min

Lab File: BG020595.D

Acq: 30 Dec 2015 5:51

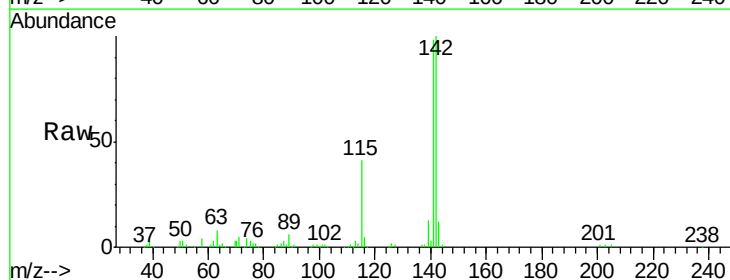
Tgt Ion:142 Resp: 130925

Ion Ratio Lower Upper

142 100

141 97.5 76.6 115.0

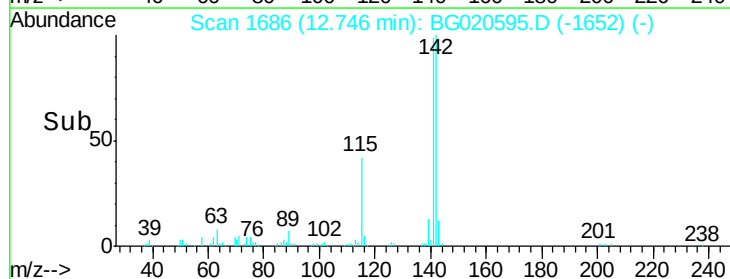
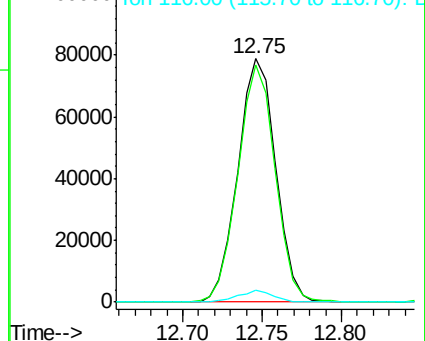
116 4.7 3.6 5.4



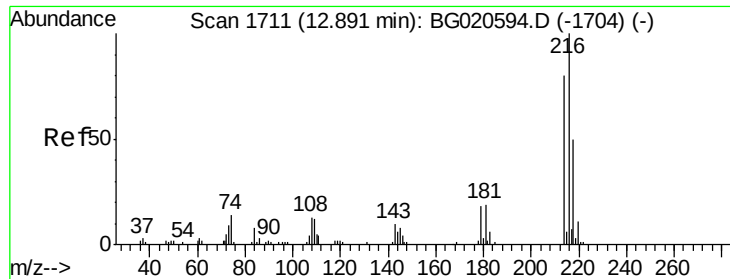
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E







#37

1,2,4,5-Tetrachlorobenzene

Concen: 38.28 ng/ul

RT: 12.89 min Scan# 1711

Delta R.T. 0.00 min

Lab File: BG020595.D

Acq: 30 Dec 2015 5:51

Instrument :

BNA\_G

ClientSampleId :

SSTD04010

Tot Ion:216 Resp: 97737

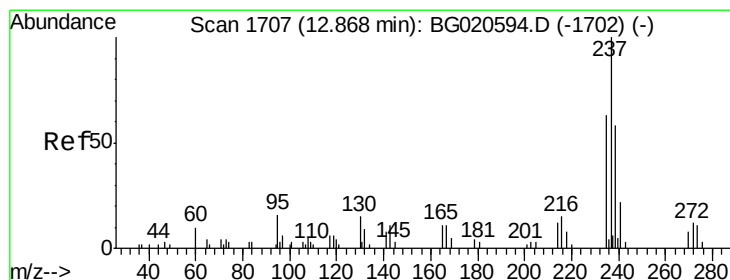
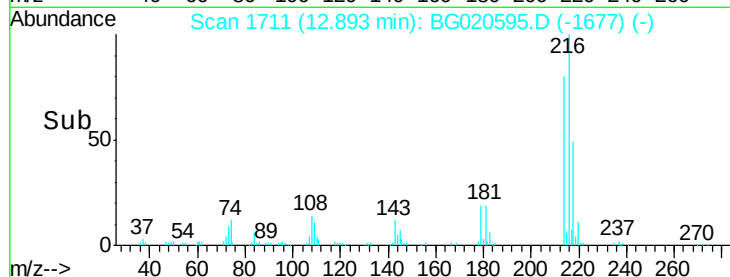
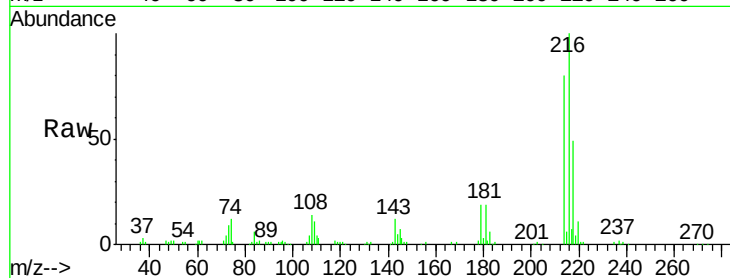
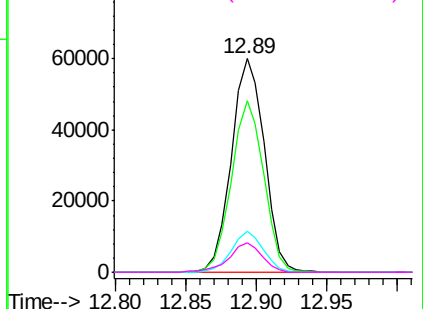
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 80.2  | 64.1  | 96.1  |
| 179 | 19.1  | 14.5  | 21.7  |
| 108 | 13.9  | 10.4  | 15.6  |

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: 28.69 ng/ul

RT: 12.87 min Scan# 1707

Delta R.T. 0.00 min

Lab File: BG020595.D

Acq: 30 Dec 2015 5:51

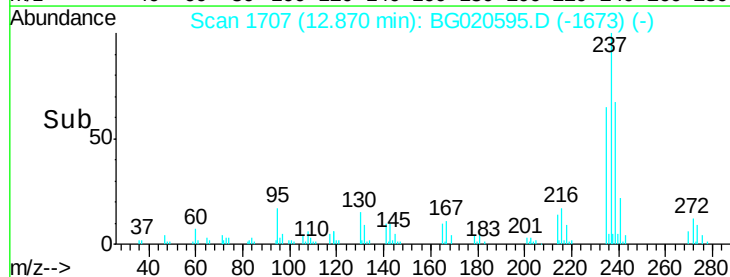
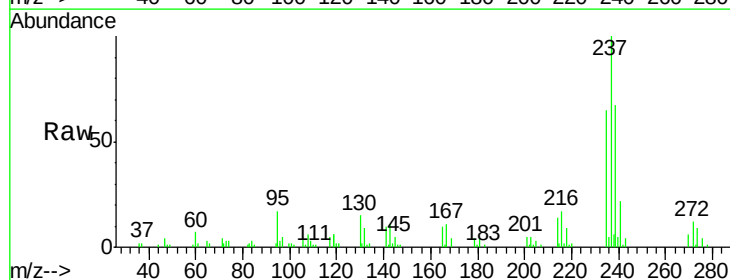
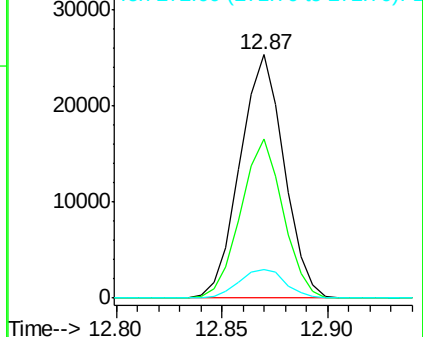
Tgt Ion:237 Resp: 36716

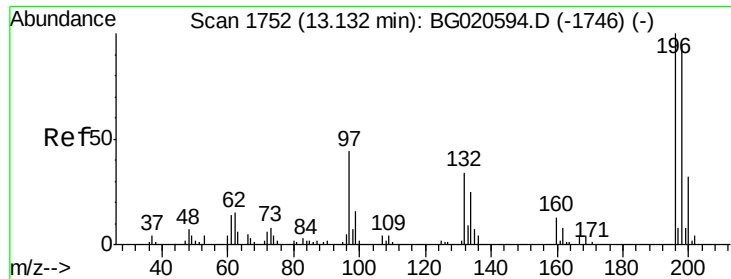
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 237 | 100   |       |       |
| 235 | 65.4  | 49.5  | 74.3  |
| 272 | 12.6  | 8.6   | 12.8  |

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

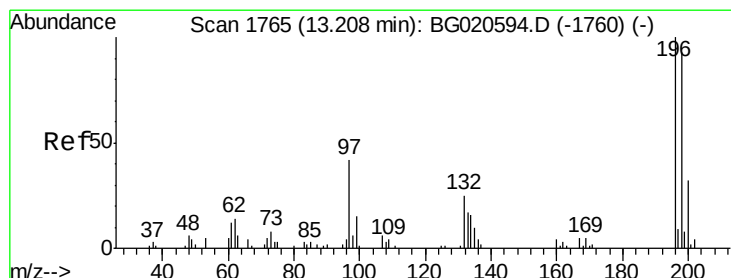
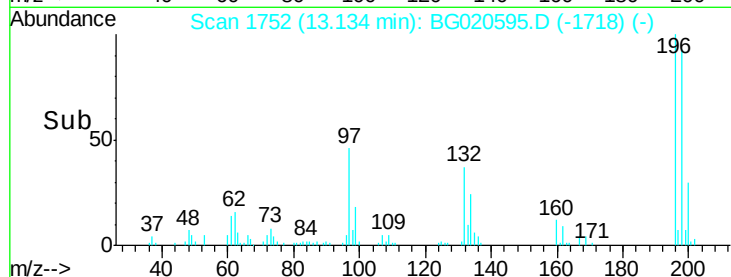
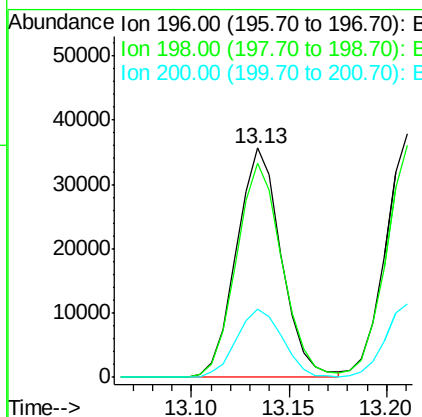
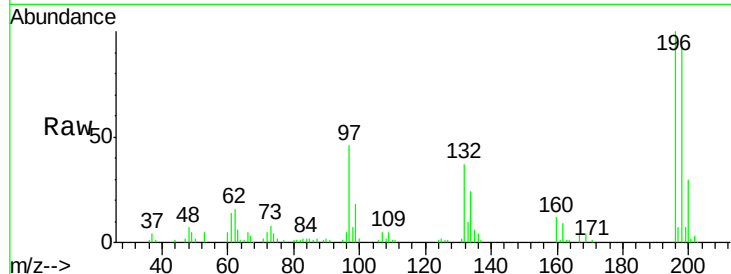




#39  
 2,4,6-Trichlorophenol  
 Concen: 37.84 ng/ul  
 RT: 13.13 min Scan# 1752  
 Delta R.T. 0.00 min  
 Lab File: BG020595.D  
 Acq: 30 Dec 2015 5:51

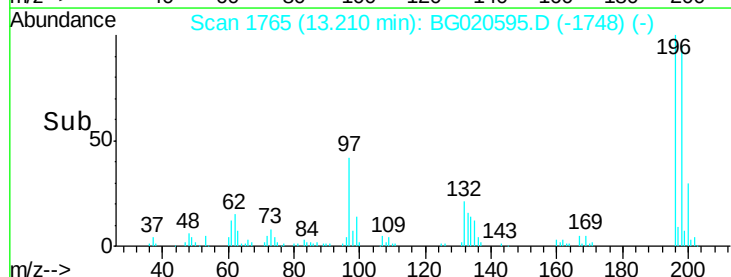
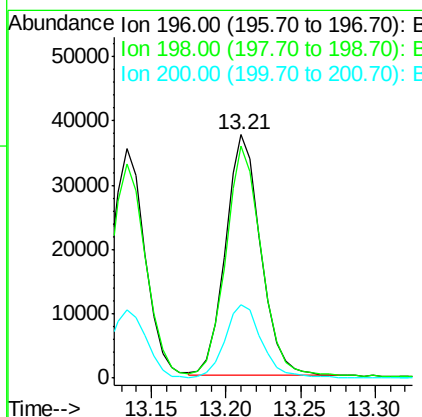
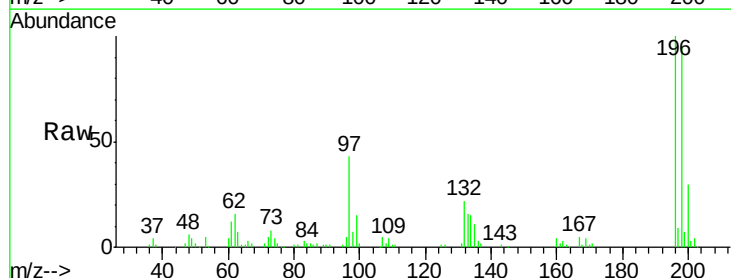
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST04010

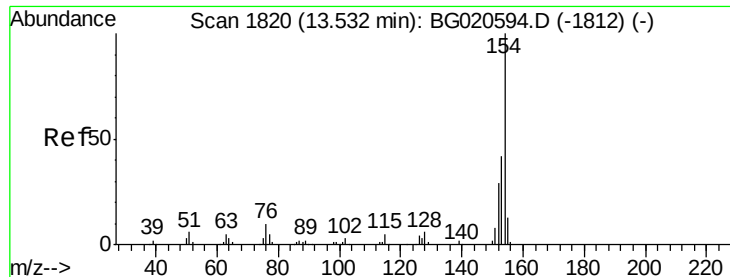
Tot Ion:196 Resp: 56550  
 Ion Ratio Lower Upper  
 196 100  
 198 93.2 75.9 113.9  
 200 29.7 25.8 38.6



#40  
 2,4,5-Trichlorophenol  
 Concen: 37.81 ng/ul  
 RT: 13.21 min Scan# 1765  
 Delta R.T. 0.00 min  
 Lab File: BG020595.D  
 Acq: 30 Dec 2015 5:51

Tgt Ion:196 Resp: 61828  
 Ion Ratio Lower Upper  
 196 100  
 198 95.2 74.7 112.1  
 200 30.2 25.4 38.0

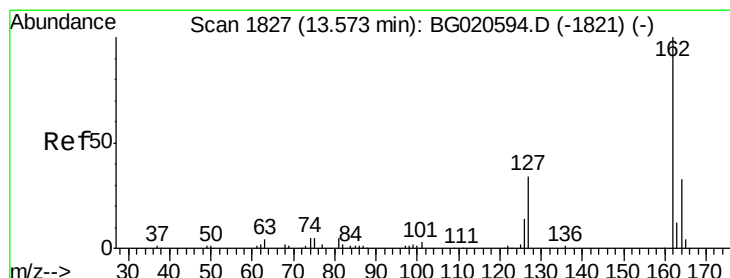
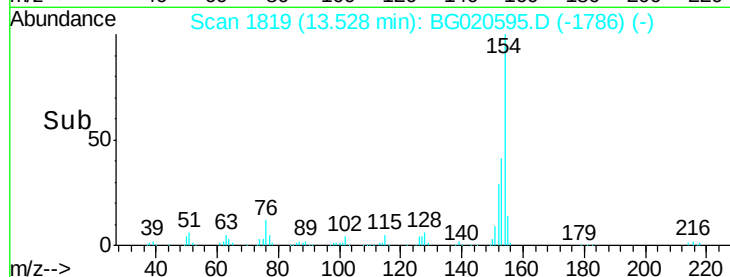
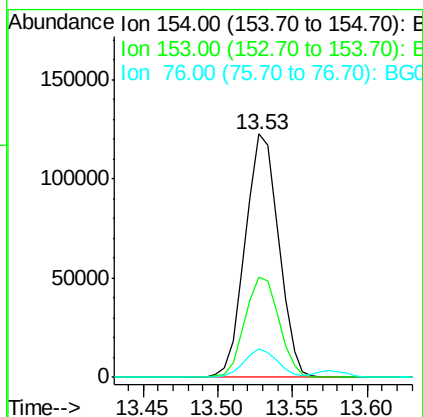
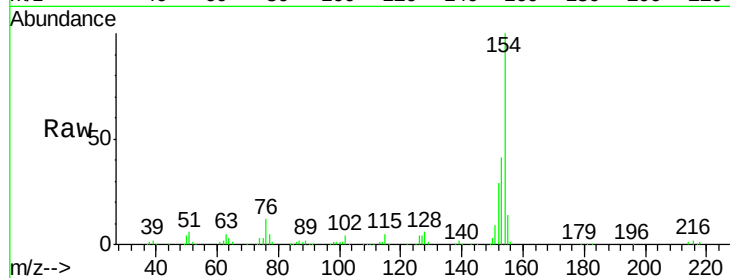




#41  
 1,1'-Biphenyl  
 Concen: 38.95 ng/ul  
 RT: 13.53 min Scan# 1819  
 Delta R.T. -0.00 min  
 Lab File: BG020595.D  
 Acq: 30 Dec 2015 5:51

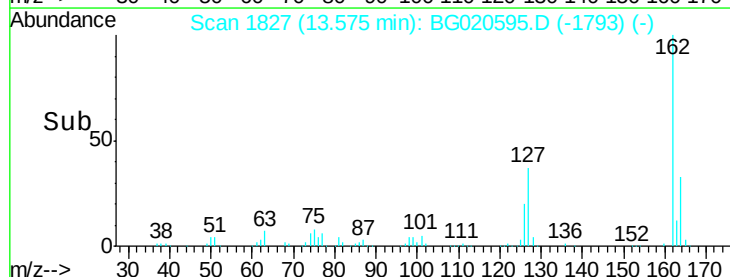
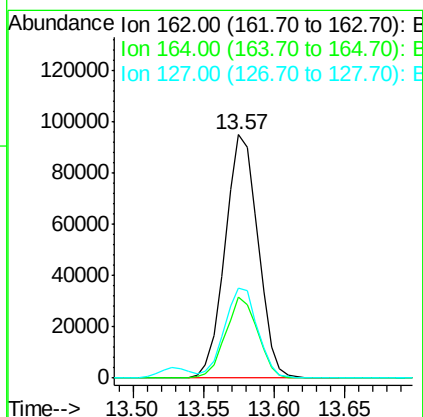
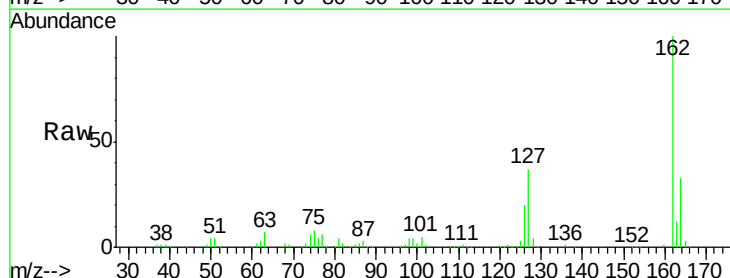
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD04010

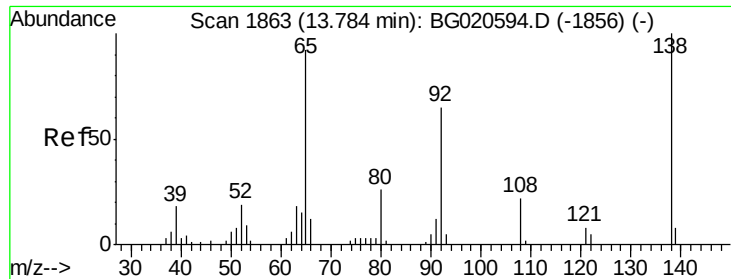
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.1  | 34.0  | 51.0  |
| 76      | 11.6  | 8.4   | 12.6  |



#42  
 2-Chloronaphthalene  
 Concen: 39.03 ng/ul  
 RT: 13.57 min Scan# 1827  
 Delta R.T. 0.00 min  
 Lab File: BG020595.D  
 Acq: 30 Dec 2015 5:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 33.3  | 26.2  | 39.4  |
| 127     | 36.8  | 29.5  | 44.3  |





#43

2-Nitroaniline

Concen: 41.35 ng/ul

RT: 13.78 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BG020595.D

Acq: 30 Dec 2015 5:51

Instrument :

BNA\_G

ClientSampleId :

SSTD04010

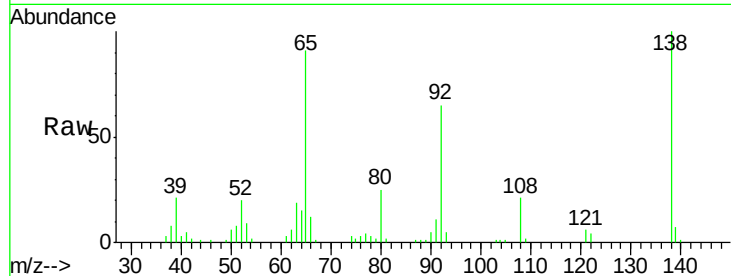
Tot Ion: 65 Resp: 46144

Ion Ratio Lower Upper

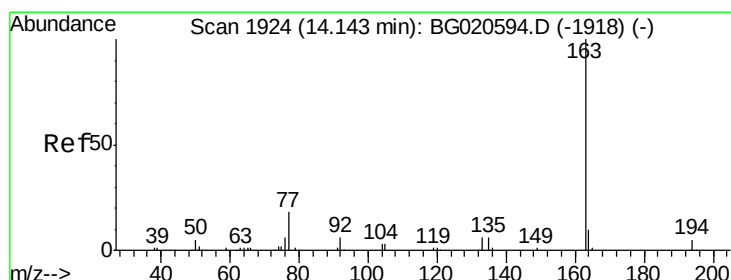
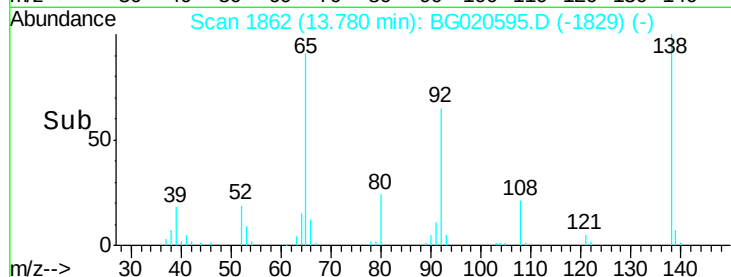
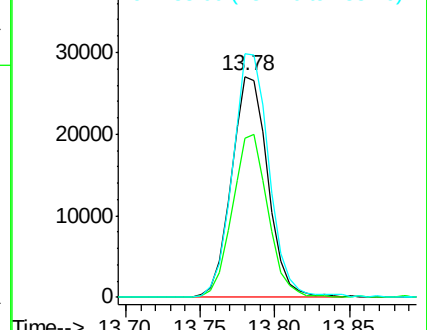
65 100

92 72.0 57.0 85.4

138 110.1 87.2 130.8



Abundance Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC  
Ion 138.00 (137.70 to 138.70): BGC



#45

Dimethylphthalate

Concen: 39.32 ng/ul

RT: 14.14 min Scan# 1924

Delta R.T. 0.00 min

Lab File: BG020595.D

Acq: 30 Dec 2015 5:51

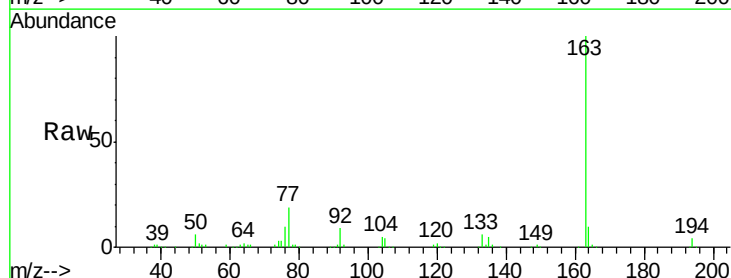
Tgt Ion: 163 Resp: 209368

Ion Ratio Lower Upper

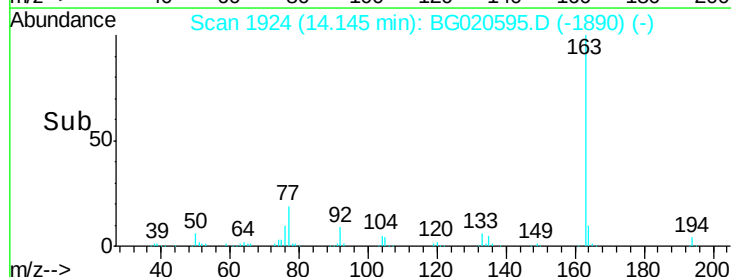
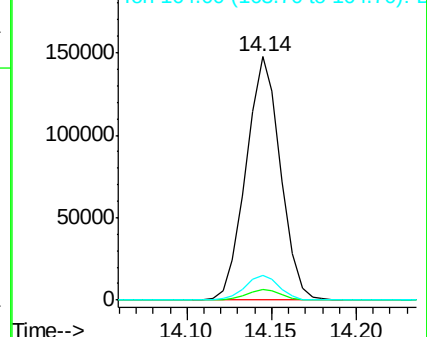
163 100

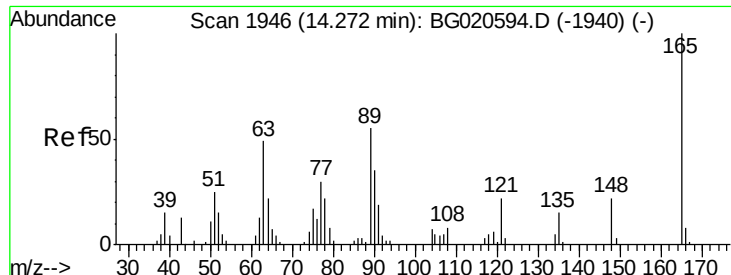
194 4.3 4.0 6.0

164 10.4 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): BGC  
Ion 194.00 (193.70 to 194.70): BGC  
Ion 164.00 (163.70 to 164.70): BGC

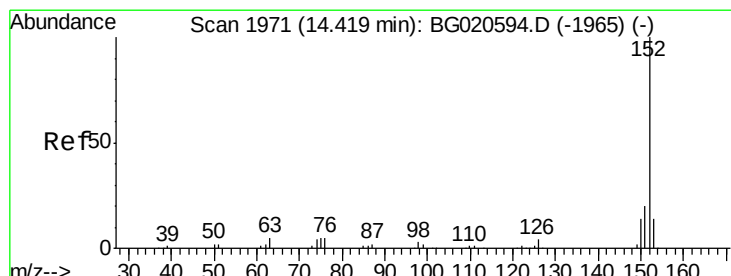
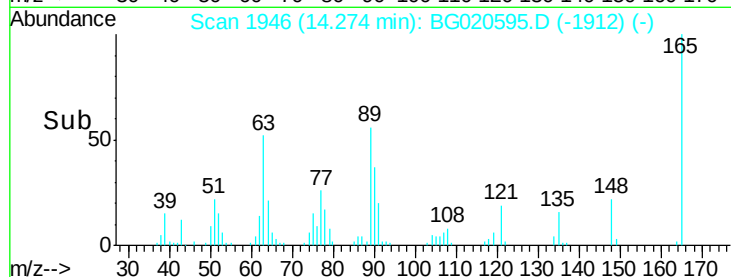
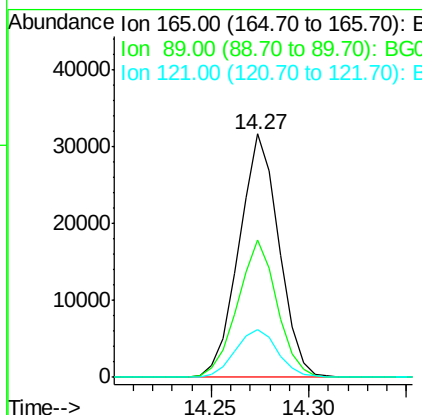
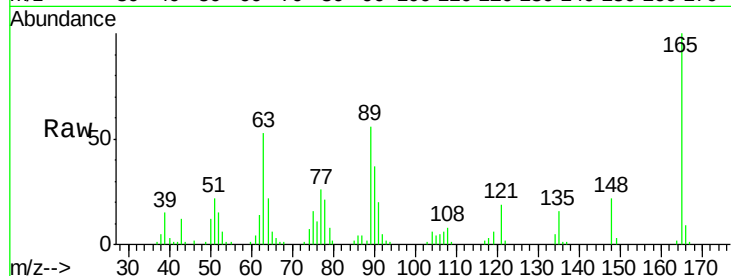




#46  
 2,6-Dinitrotoluene  
 Concen: 41.22 ng/ul  
 RT: 14.27 min Scan# 1946  
 Delta R.T. 0.00 min  
 Lab File: BG020595.D  
 Acq: 30 Dec 2015 5:51

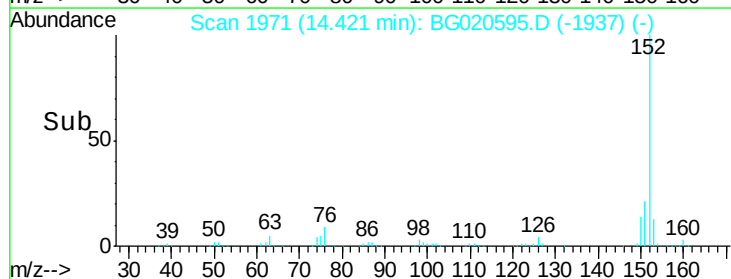
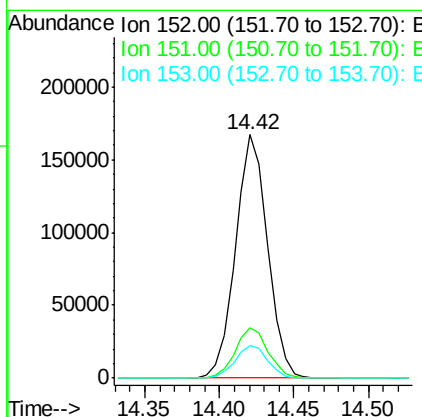
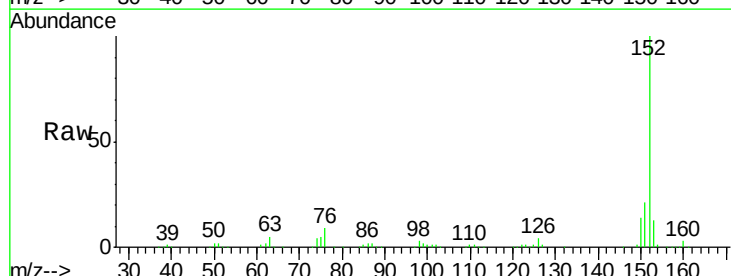
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST04010

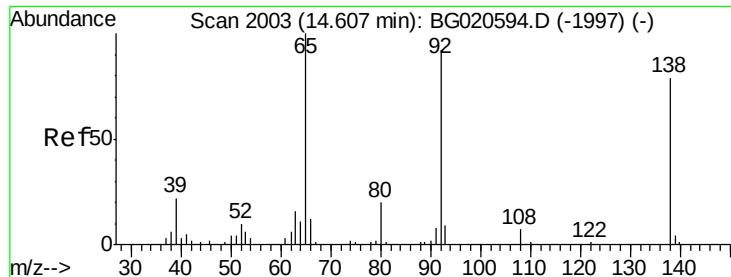
Tot Ion:165 Resp: 44775  
 Ion Ratio Lower Upper  
 165 100  
 89 56.5 43.8 65.8  
 121 19.5 17.8 26.6



#48  
 Acenaphthylene  
 Concen: 39.22 ng/ul  
 RT: 14.42 min Scan# 1971  
 Delta R.T. 0.00 min  
 Lab File: BG020595.D  
 Acq: 30 Dec 2015 5:51

Tgt Ion:152 Resp: 248973  
 Ion Ratio Lower Upper  
 152 100  
 151 20.8 16.1 24.1  
 153 13.2 10.8 16.2





#49

3-Nitroaniline

Concen: 43.55 ng/ul

RT: 14.61 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BG020595.D

Acq: 30 Dec 2015 5:51

Instrument :

BNA\_G

ClientSampleId :

SSTD04010

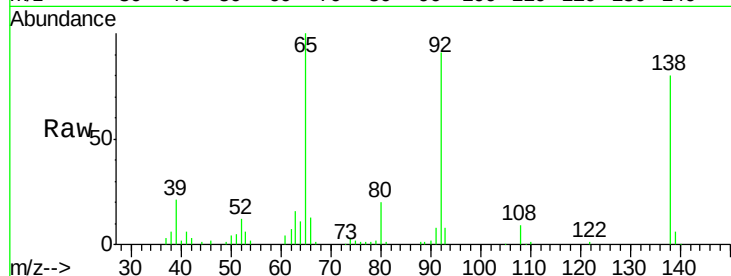
Tot Ion:138 Resp: 43624

Ion Ratio Lower Upper

138 100

108 11.3 7.6 11.4

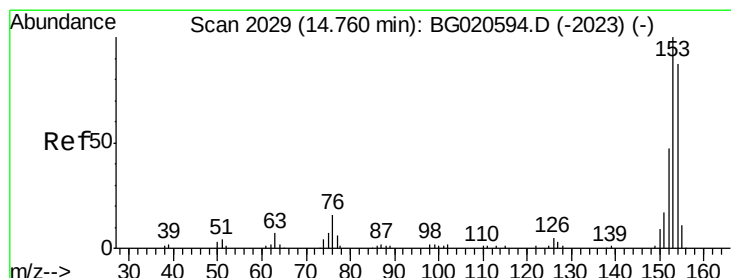
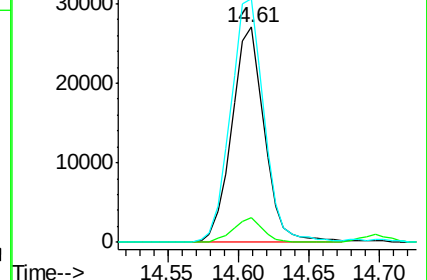
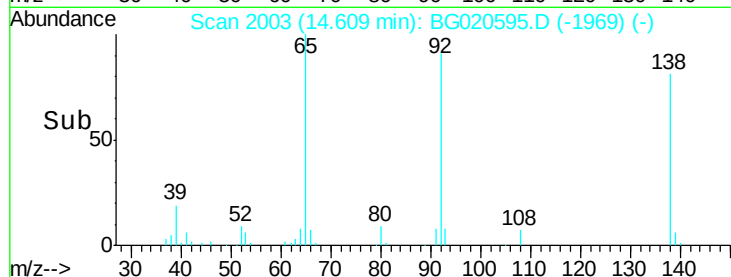
92 113.2 94.2 141.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#50

Acenaphthene

Concen: 39.02 ng/ul

RT: 14.76 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BG020595.D

Acq: 30 Dec 2015 5:51

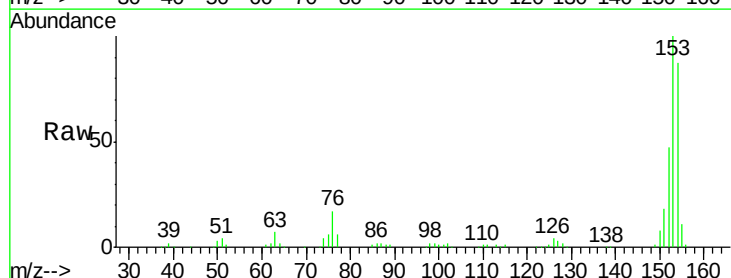
Tgt Ion:153 Resp: 168137

Ion Ratio Lower Upper

153 100

152 47.3 37.9 56.9

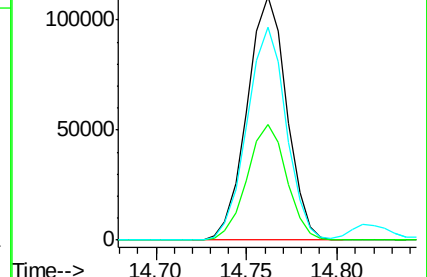
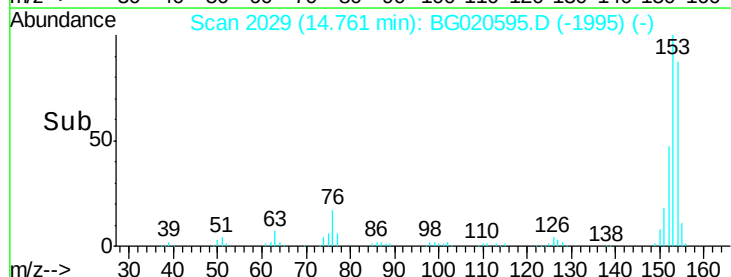
154 87.4 69.8 104.6

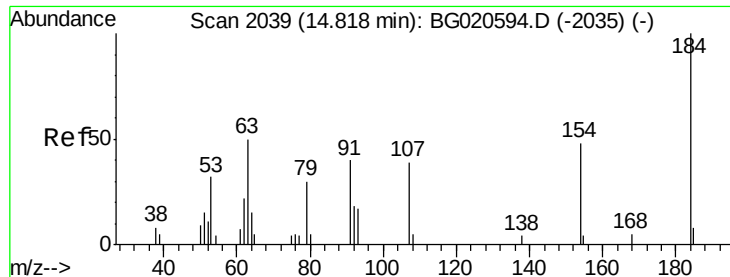


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

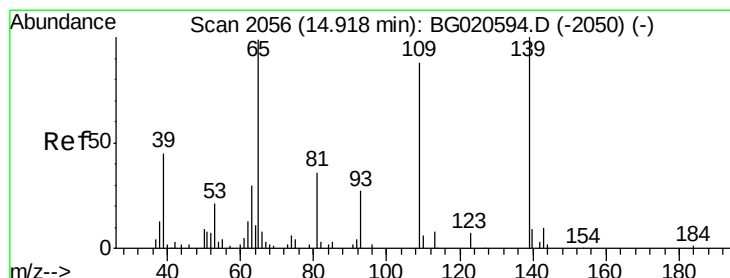
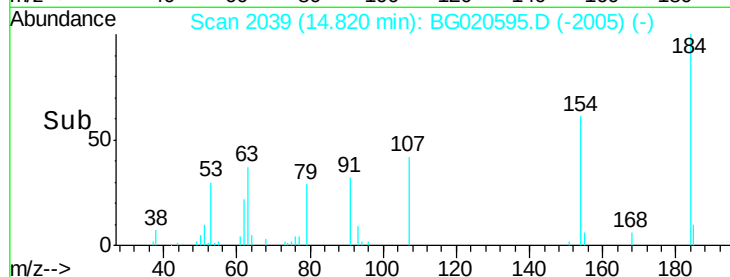
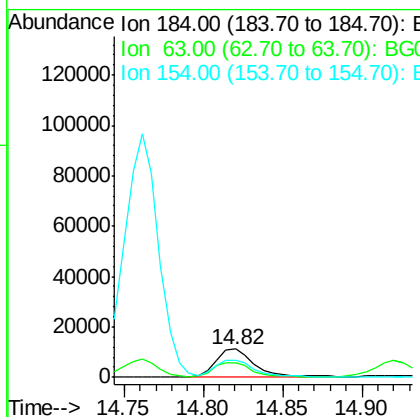
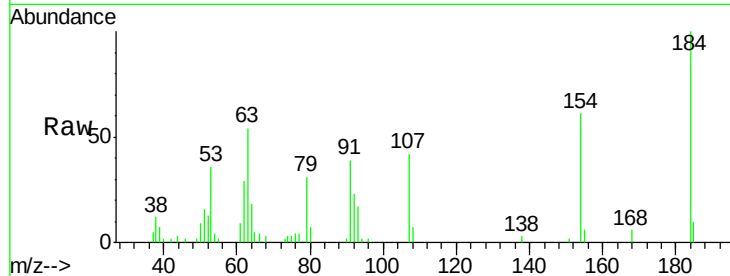




#51  
 2,4-Dinitrophenol  
 Concen: 30.12 ng/ul  
 RT: 14.82 min Scan# 2039  
 Delta R.T. 0.00 min  
 Lab File: BG020595.D  
 Acq: 30 Dec 2015 5:51

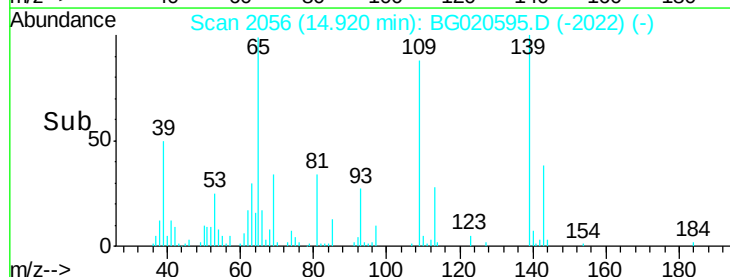
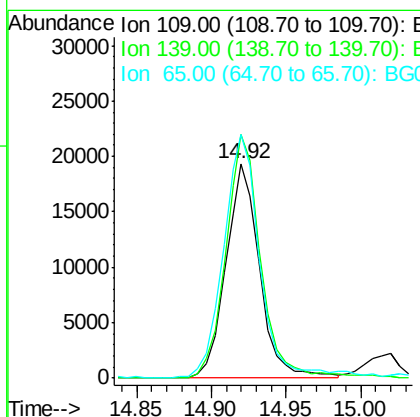
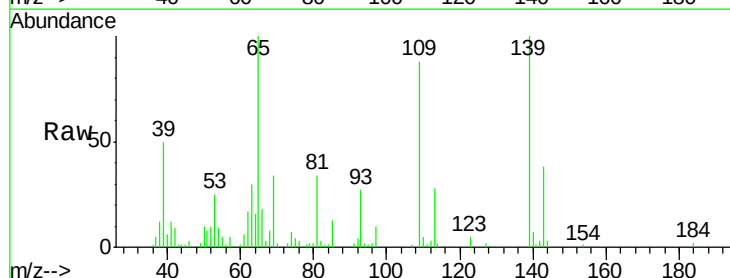
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD04010

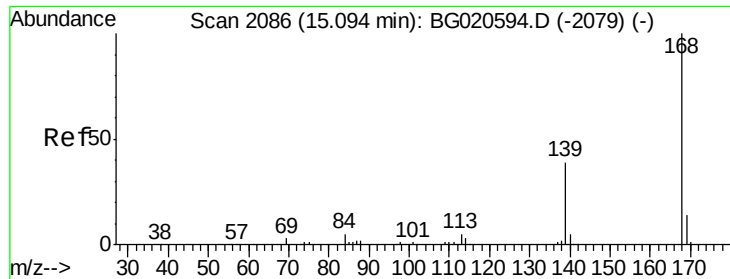
Tot Ion:184 Resp: 19637  
 Ion Ratio Lower Upper  
 184 100  
 63 54.0 39.7 59.5  
 154 60.6 45.0 67.6



#53  
 4-Nitrophenol  
 Concen: 39.38 ng/ul  
 RT: 14.92 min Scan# 2056  
 Delta R.T. 0.00 min  
 Lab File: BG020595.D  
 Acq: 30 Dec 2015 5:51

Tgt Ion:109 Resp: 30512  
 Ion Ratio Lower Upper  
 109 100  
 139 113.5 91.2 136.8  
 65 113.5 92.6 139.0





#54

Dibenzenofuran

Concen: 39.45 ng/ul

RT: 15.10 min Scan# 2086

Delta R.T. 0.00 min

Lab File: BG020595.D

Acq: 30 Dec 2015 5:51

Instrument :

BNA\_G

ClientSampleId :

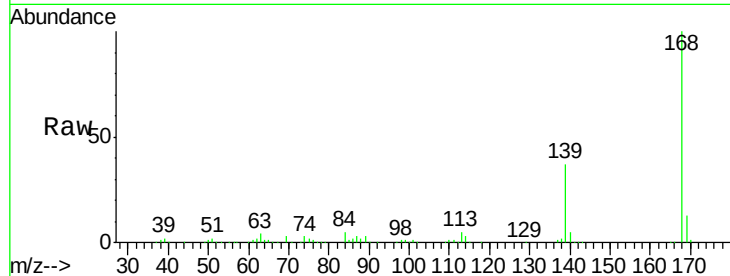
SSTD04010

Tot Ion:168 Resp: 252686

Ion Ratio Lower Upper

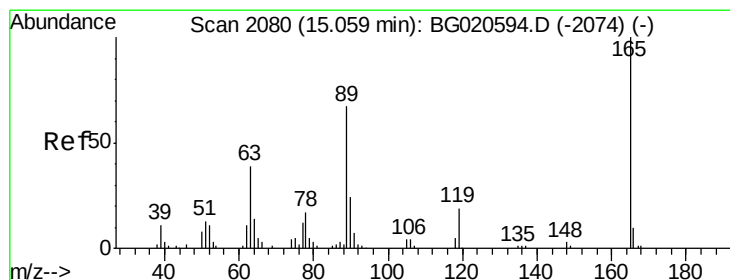
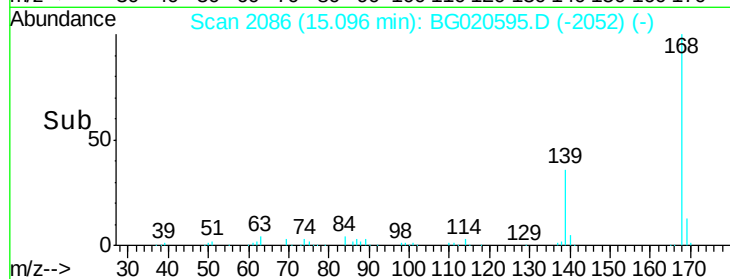
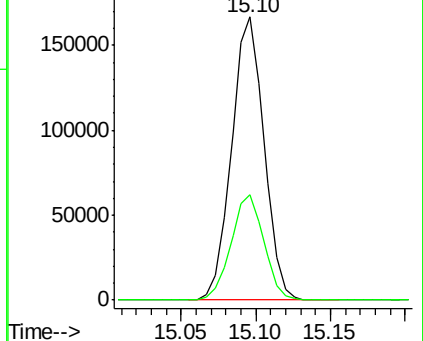
168 100

139 37.3 31.0 46.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 41.42 ng/ul

RT: 15.06 min Scan# 2080

Delta R.T. 0.00 min

Lab File: BG020595.D

Acq: 30 Dec 2015 5:51

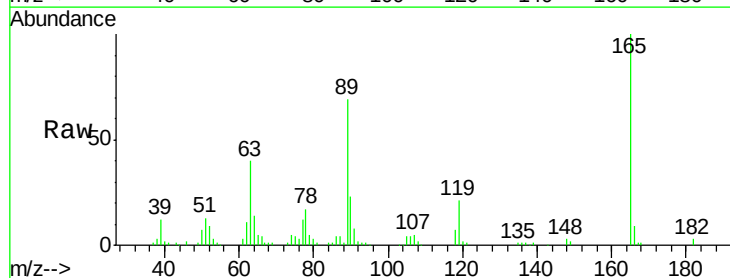
Tgt Ion:165 Resp: 67057

Ion Ratio Lower Upper

165 100

63 40.1 31.4 47.0

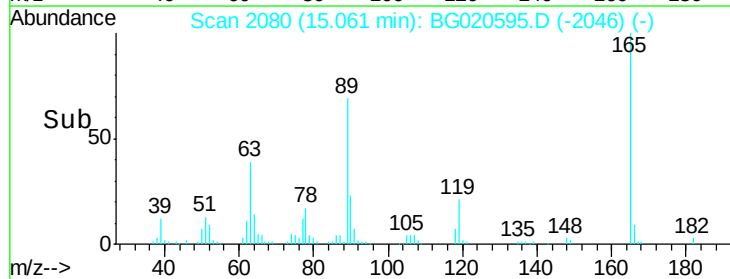
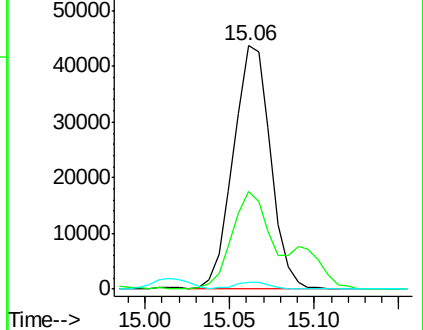
182 3.0 2.7 4.1



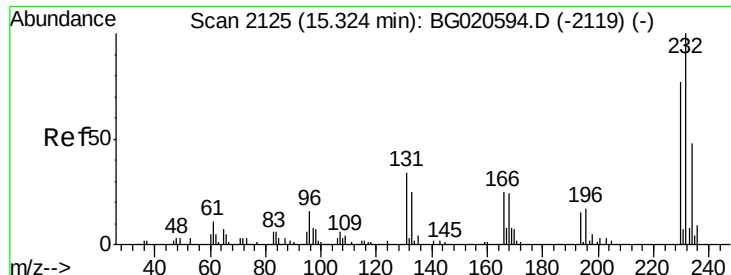
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 182.00 (181.70 to 182.70): E







#56

2,3,4,6-Tetrachlorophenol

Concen: 37.69 ng/ul

RT: 15.33 min Scan# 2125

Delta R.T. 0.00 min

Lab File: BG020595.D

Acq: 30 Dec 2015 5:51

Instrument :

BNA\_G

ClientSampled :

SSTD04010

Tot Ion:232 Resp: 60523

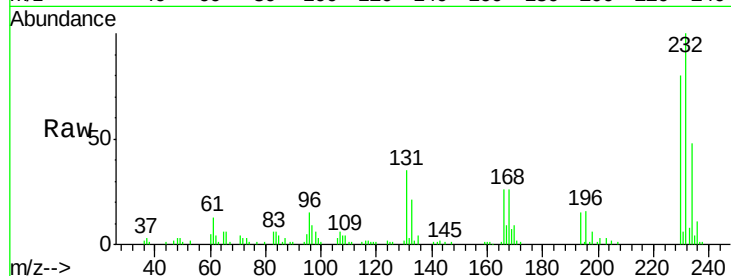
Ion Ratio Lower Upper

232 100

131 34.7 27.1 40.7

130 2.0 0.0 0.0#

166 25.8 20.0 30.0

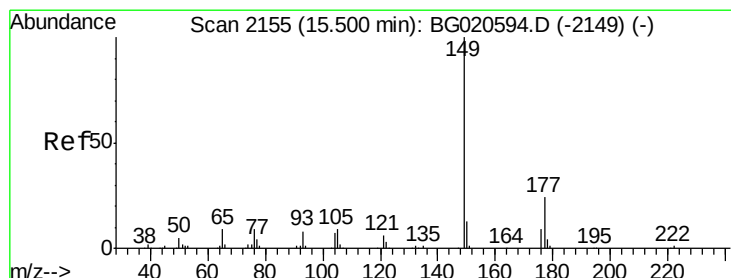
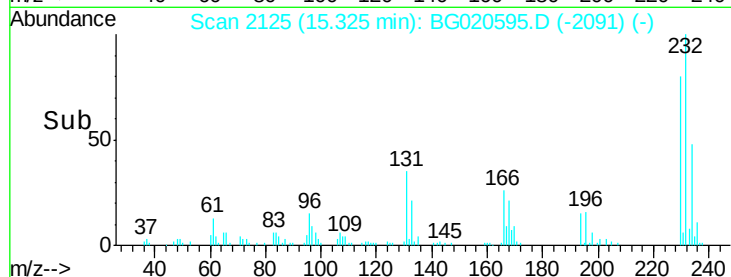
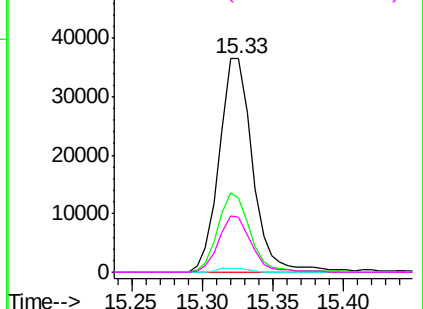


Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.51 ng/ul

RT: 15.50 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG020595.D

Acq: 30 Dec 2015 5:51

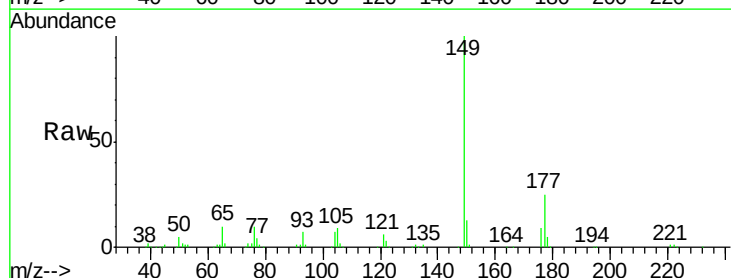
Tgt Ion:149 Resp: 215586

Ion Ratio Lower Upper

149 100

177 24.5 19.3 28.9

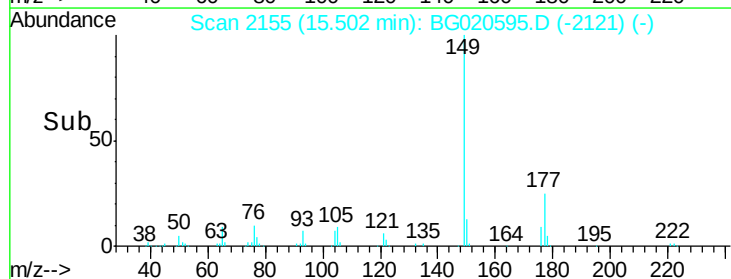
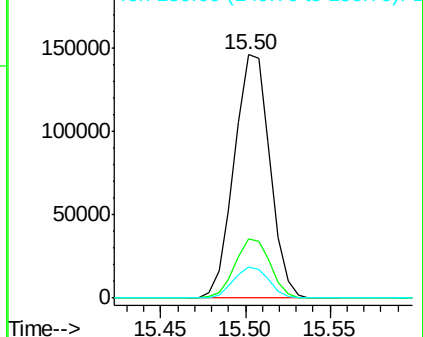
150 12.9 10.6 15.8

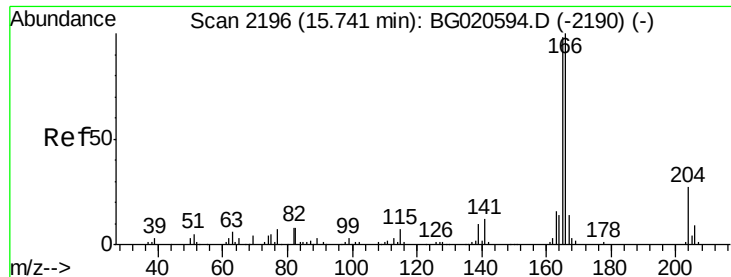


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 39.23 ng/ul

RT: 15.74 min Scan# 2196

Delta R.T. 0.00 min

Lab File: BG020595.D

Acq: 30 Dec 2015 5:51

Instrument :

BNA\_G

ClientSampleId :

SSTD04010

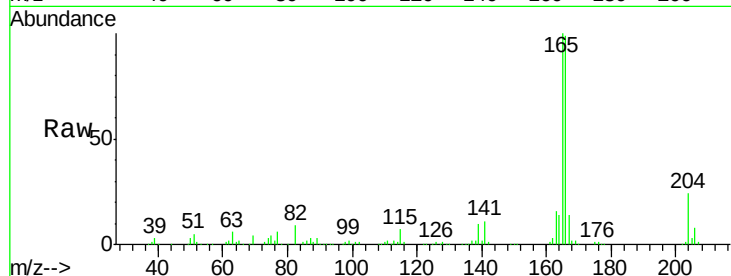
Tot Ion:166 Resp: 203434

Ion Ratio Lower Upper

166 100

165 101.2 78.4 117.6

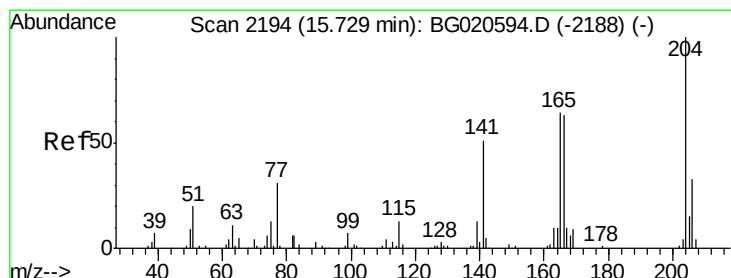
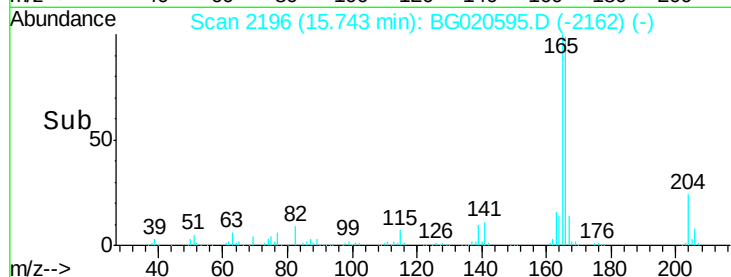
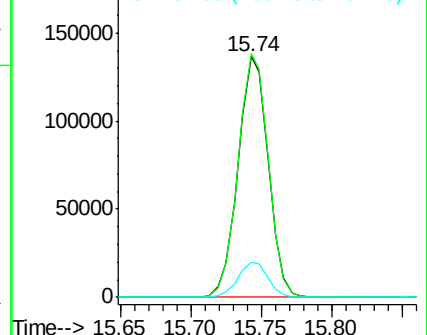
167 14.4 11.1 16.7



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: 39.76 ng/ul

RT: 15.73 min Scan# 2194

Delta R.T. 0.00 min

Lab File: BG020595.D

Acq: 30 Dec 2015 5:51

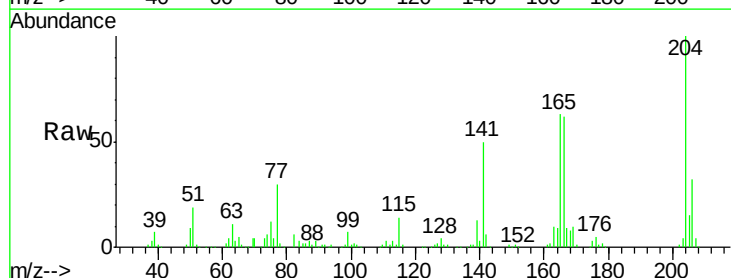
Tgt Ion:204 Resp: 119790

Ion Ratio Lower Upper

204 100

206 31.9 26.6 40.0

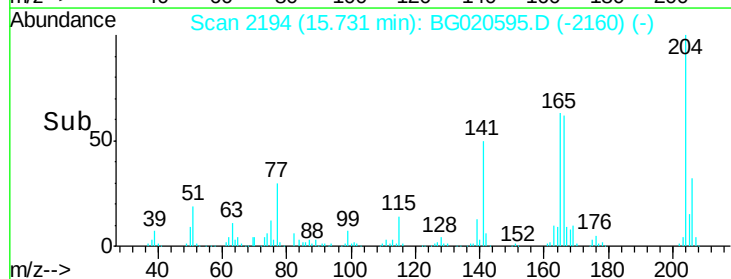
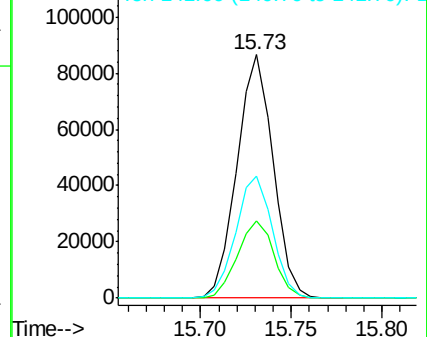
141 49.9 40.7 61.1

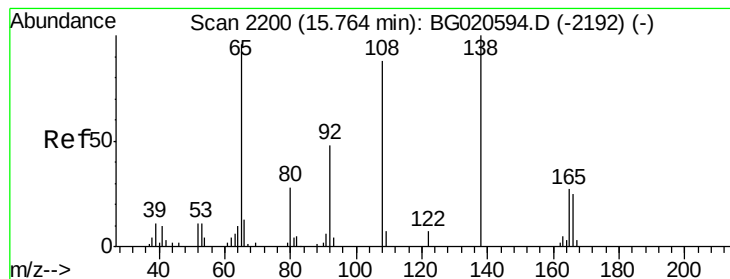


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.77 ng/ul

RT: 15.77 min Scan# 2201

Delta R.T. 0.01 min

Lab File: BG020595.D

Acq: 30 Dec 2015 5:51

Instrument :

BNA\_G

ClientSampleId :

SSTD04010

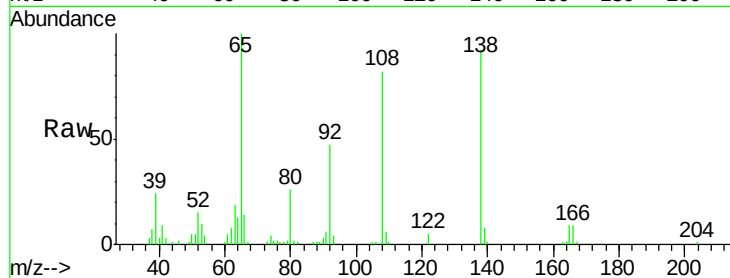
Tot Ion:138 Resp: 46879

Ion Ratio Lower Upper

138 100

92 51.6 38.2 57.4

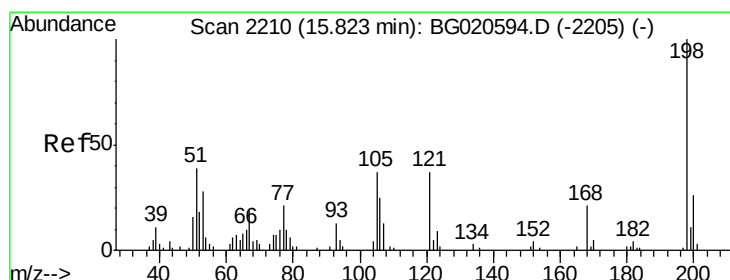
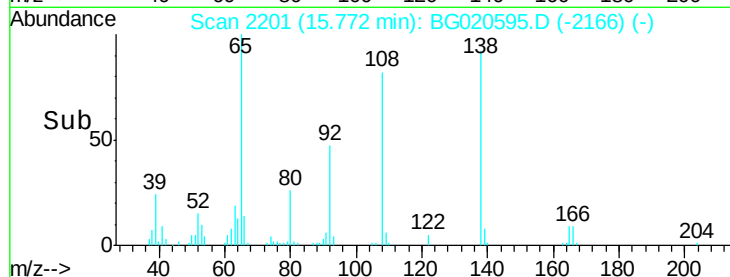
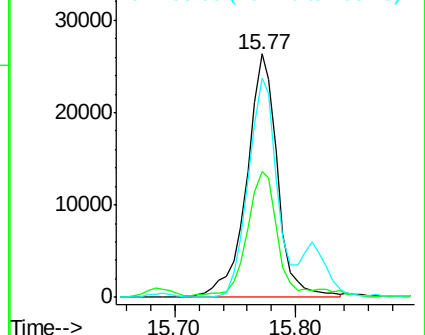
108 89.9 70.0 105.0



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: 38.60 ng/ul

RT: 15.83 min Scan# 2211

Delta R.T. 0.01 min

Lab File: BG020595.D

Acq: 30 Dec 2015 5:51

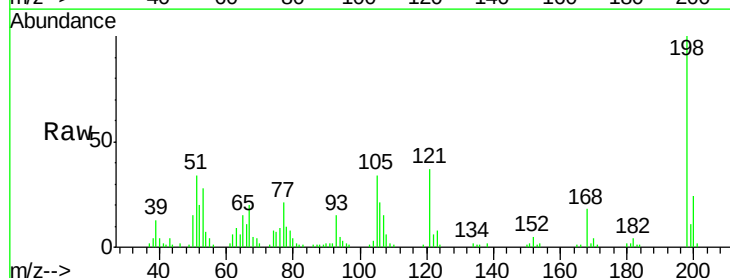
Tgt Ion:198 Resp: 43566

Ion Ratio Lower Upper

198 100

182 3.7 3.5 5.3

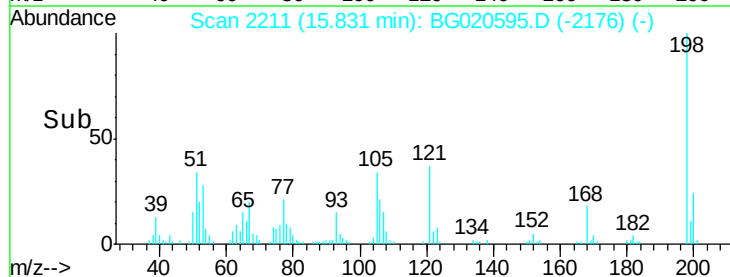
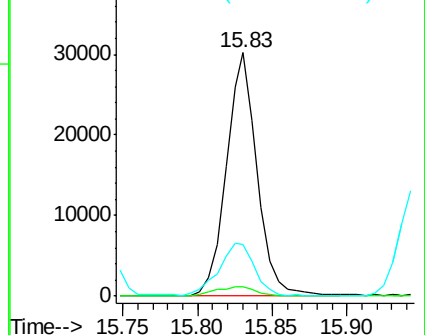
77 21.3 18.2 27.4

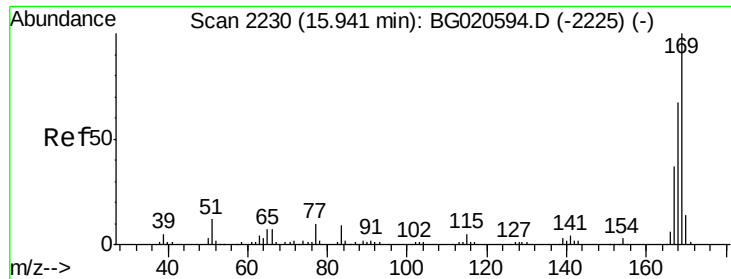


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BG

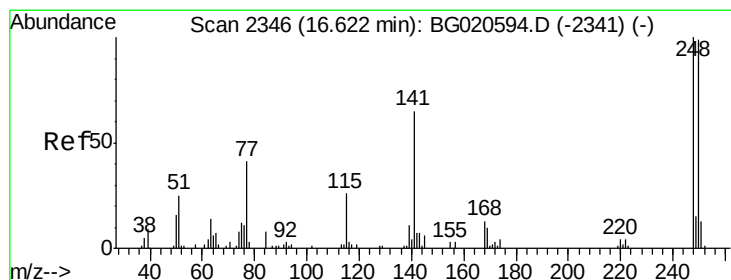
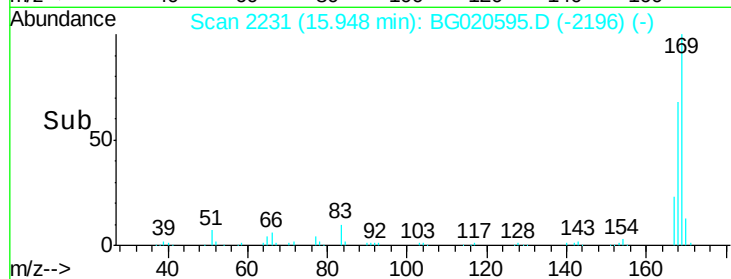
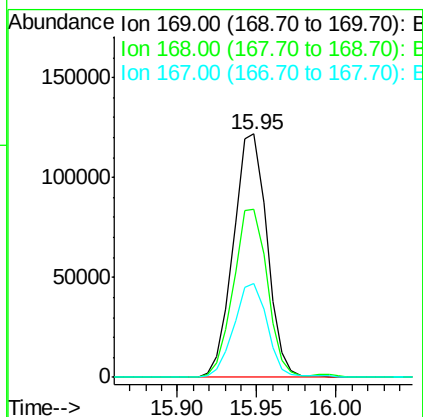
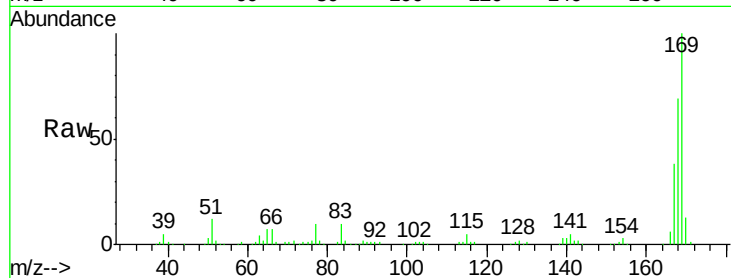




#65  
 N-Nitrosodiphenylamine  
 Concen: 39.63 ng/ul  
 RT: 15.95 min Scan# 2231  
 Delta R.T. 0.01 min  
 Lab File: BG020595.D  
 Acq: 30 Dec 2015 5:51

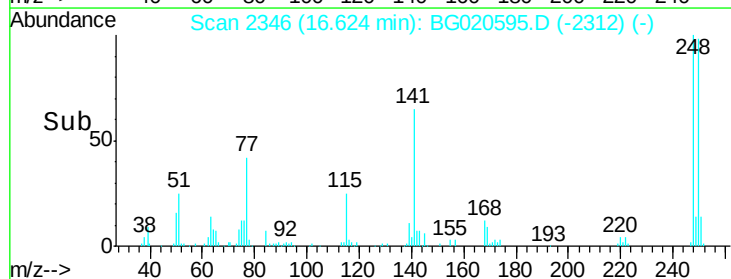
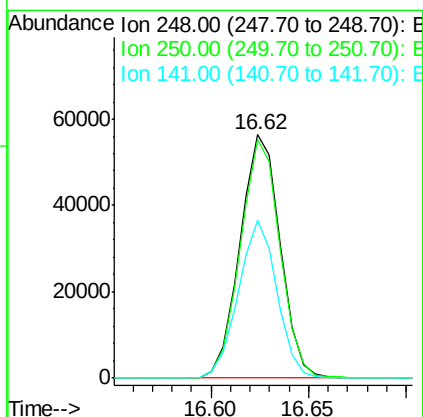
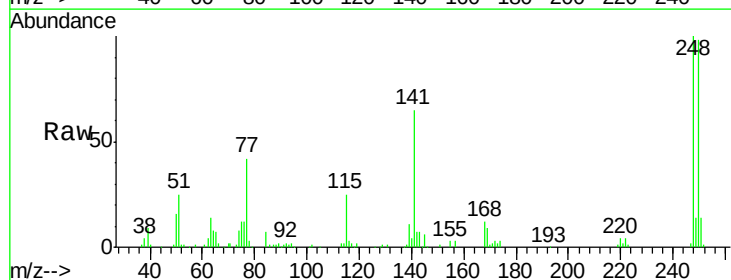
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD04010

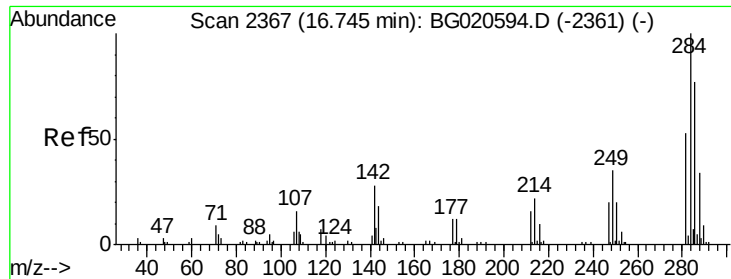
Tot Ion:169 Resp: 179798  
 Ion Ratio Lower Upper  
 169 100  
 168 69.1 53.8 80.8  
 167 38.4 29.5 44.3



#66  
 4-Bromophenyl-phenylether  
 Concen: 39.75 ng/ul  
 RT: 16.62 min Scan# 2346  
 Delta R.T. 0.00 min  
 Lab File: BG020595.D  
 Acq: 30 Dec 2015 5:51

Tgt Ion:248 Resp: 80236  
 Ion Ratio Lower Upper  
 248 100  
 250 98.1 79.0 118.4  
 141 65.1 51.9 77.9





#67

Hexachlorobenzene

Concen: 38.83 ng/ul

RT: 16.75 min Scan# 2367

Delta R.T. 0.00 min

Lab File: BG020595.D

Acq: 30 Dec 2015 5:51

Instrument :

BNA\_G

ClientSampleId :

SSTD04010

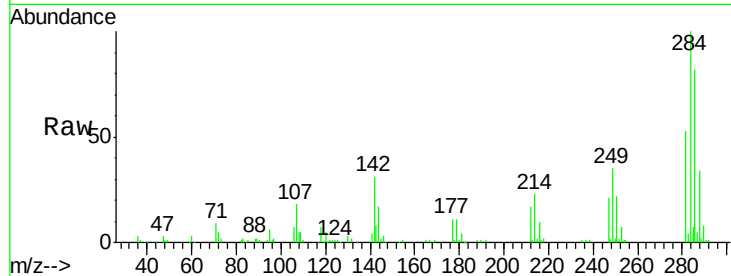
Tot Ion:284 Resp: 87000

Ion Ratio Lower Upper

284 100

142 30.6 21.3 31.9

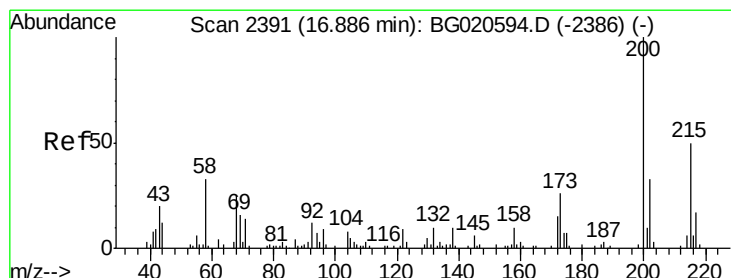
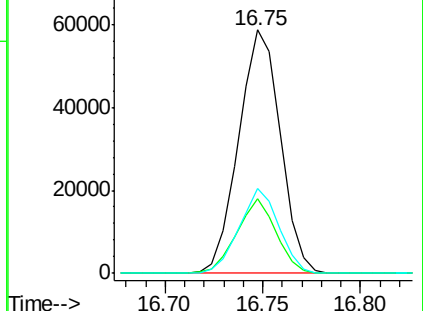
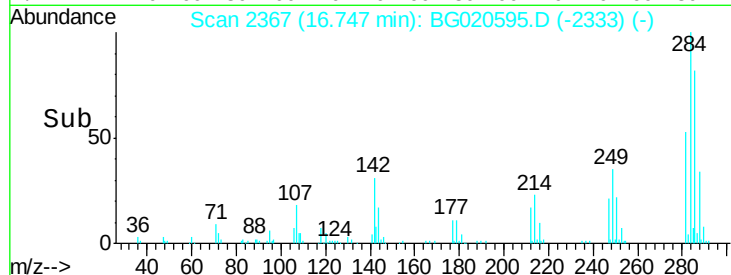
249 37.3 26.3 39.5



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: 40.53 ng/ul

RT: 16.89 min Scan# 2392

Delta R.T. 0.01 min

Lab File: BG020595.D

Acq: 30 Dec 2015 5:51

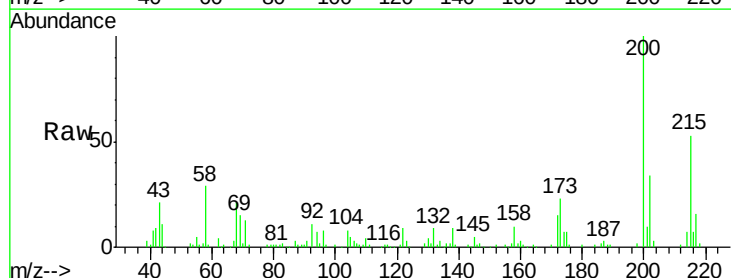
Tgt Ion:200 Resp: 81716

Ion Ratio Lower Upper

200 100

173 23.0 20.6 31.0

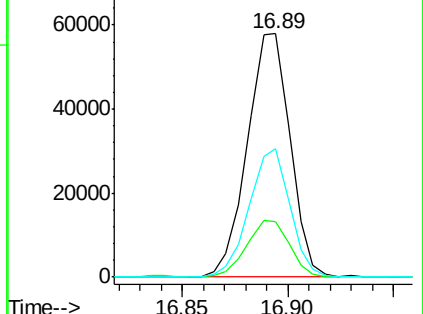
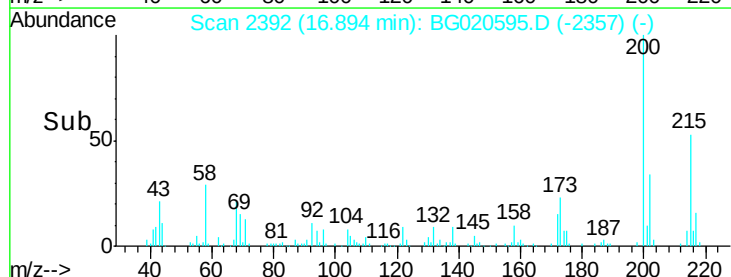
215 52.9 39.8 59.6

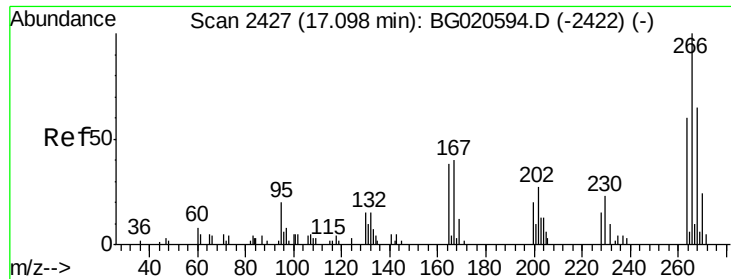


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

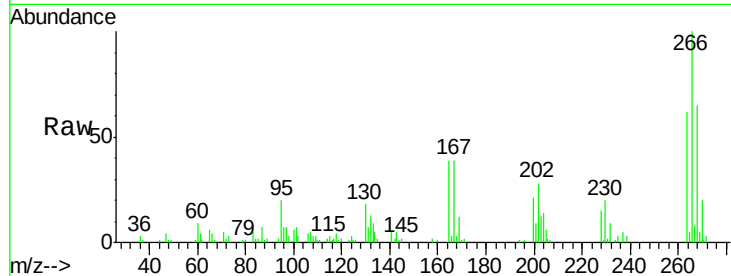




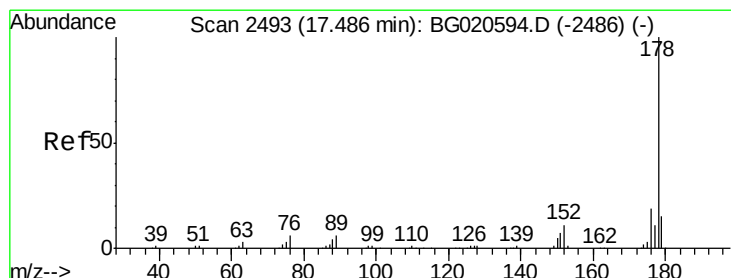
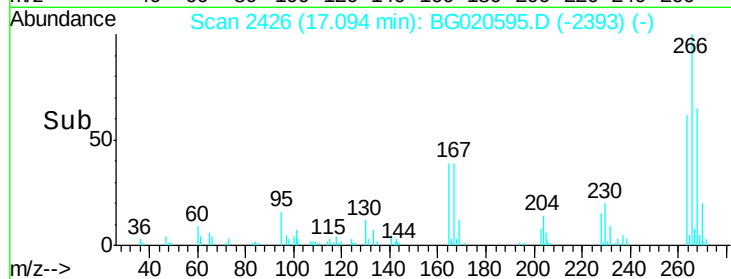
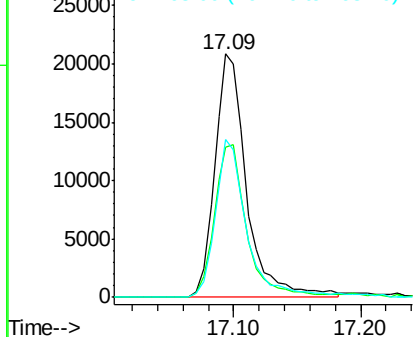
#69  
 Pentachlorophenol  
 Concen: 31.94 ng/ul  
 RT: 17.09 min Scan# 2426  
 Delta R.T. -0.00 min  
 Lab File: BG020595.D  
 Acq: 30 Dec 2015 5:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST04010

Tot Ion:266 Resp: 36391  
 Ion Ratio Lower Upper  
 266 100  
 264 61.9 48.2 72.4  
 268 65.1 52.3 78.5

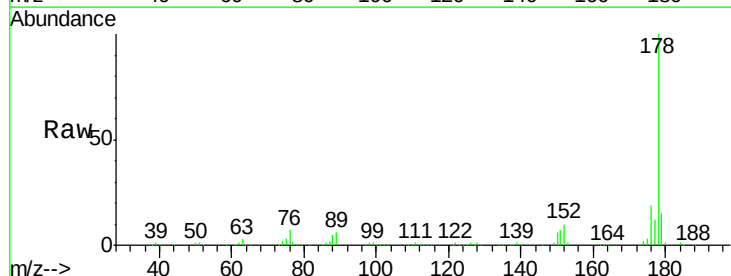


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 264.00 (263.70 to 264.70): E  
 Ion 268.00 (267.70 to 268.70): E

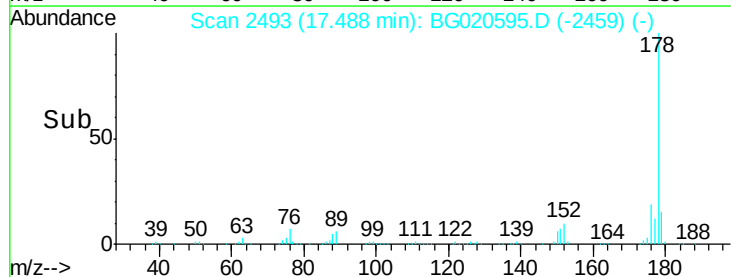
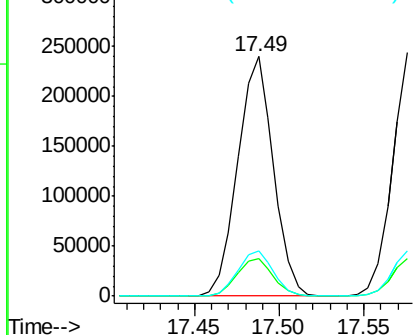


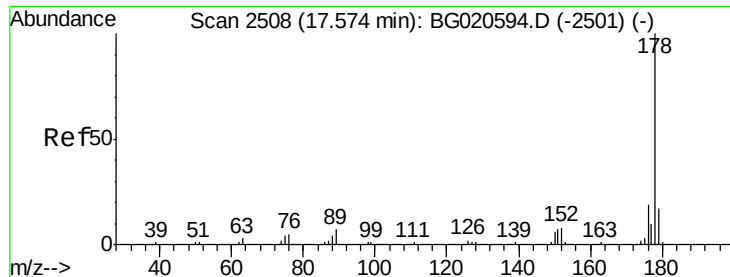
#70  
 Phenanthrene  
 Concen: 39.14 ng/ul  
 RT: 17.49 min Scan# 2493  
 Delta R.T. 0.00 min  
 Lab File: BG020595.D  
 Acq: 30 Dec 2015 5:51

Tgt Ion:178 Resp: 352680  
 Ion Ratio Lower Upper  
 178 100  
 179 15.5 12.3 18.5  
 176 18.8 15.4 23.0



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





#72

Anthracene

Concen: 38.82 ng/ul

RT: 17.58 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG020595.D

Acq: 30 Dec 2015 5:51

Instrument :

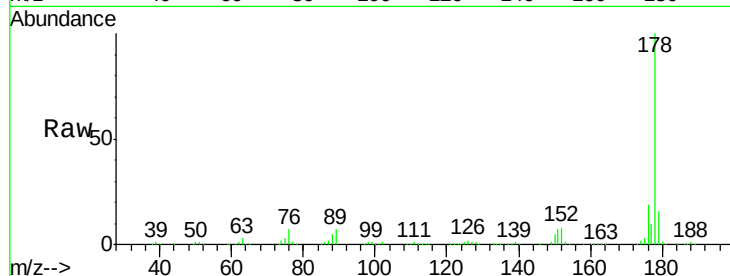
BNA\_G

ClientSampleId :

SSTD04010

Tot Ion:178 Resp: 358029

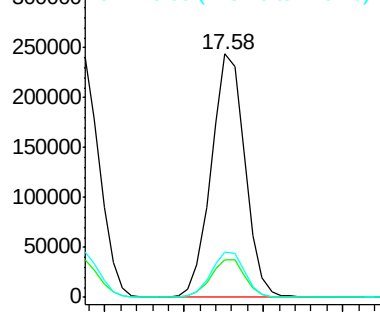
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.7  | 13.4  | 20.2  |
| 176 | 18.7  | 15.4  | 23.0  |



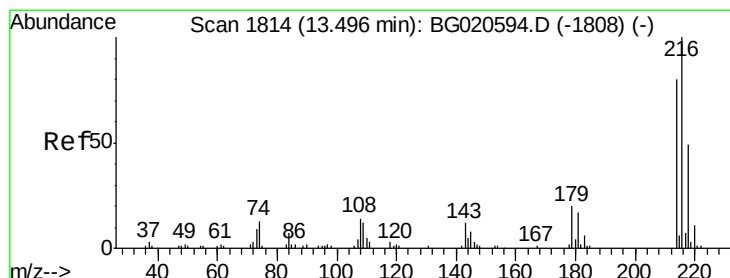
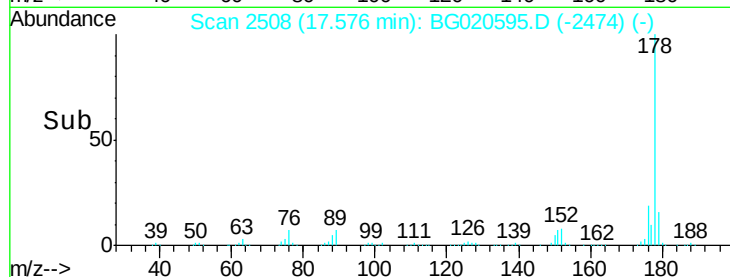
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time--> 17.50 17.55 17.60 17.65



#73

1,2,3,4-Tetrachlorobenzene

Concen: 39.82 ng/uL

RT: 13.50 min Scan# 1814

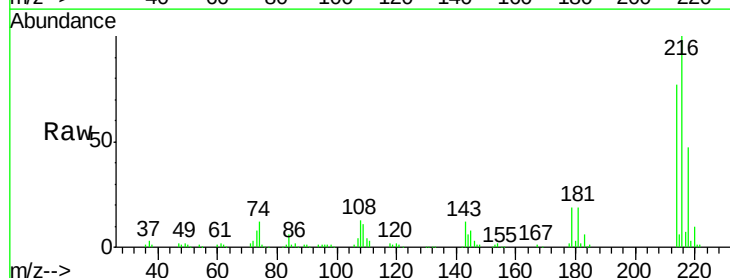
Delta R.T. 0.00 min

Lab File: BG020595.D

Acq: 30 Dec 2015 5:51

Tgt Ion:216 Resp: 106987

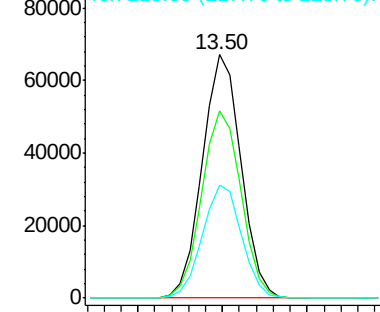
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 77.1  | 64.1  | 96.1  |
| 218 | 46.6  | 39.4  | 59.0  |



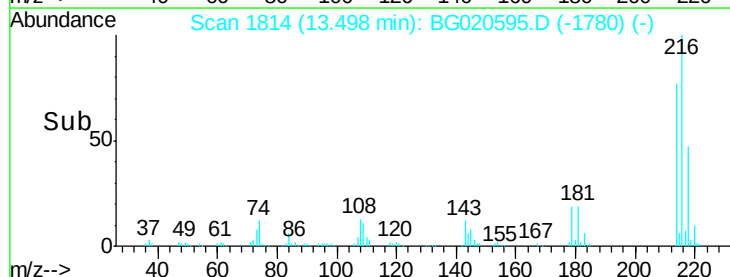
Abundance Ion 216.00 (215.70 to 216.70): E

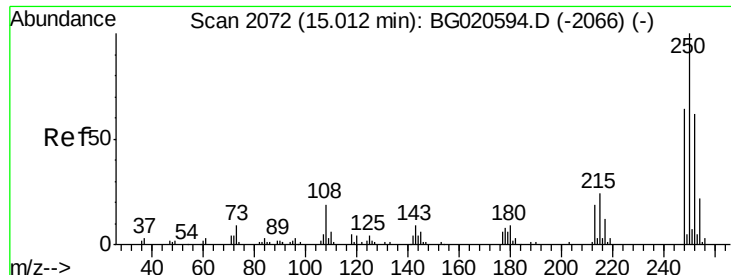
Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



Time--> 13.45 13.50 13.55

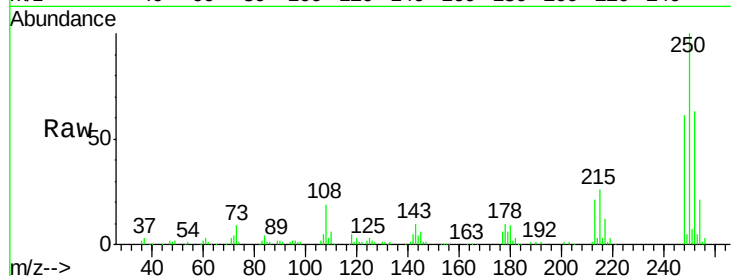




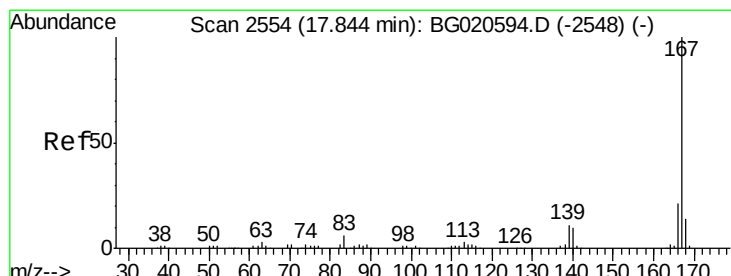
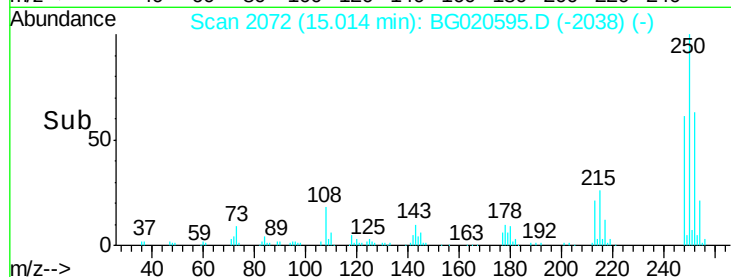
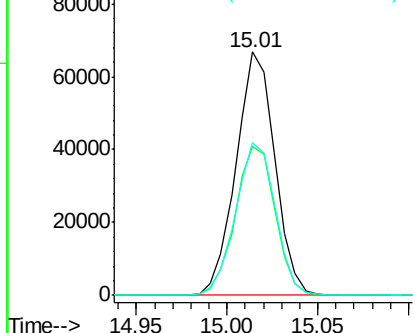
#74  
 Pentachlorobenzene  
 Concen: 39.78 ng/uL  
 RT: 15.01 min Scan# 2072  
 Delta R.T. 0.00 min  
 Lab File: BG020595.D  
 Acq: 30 Dec 2015 5:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD04010

Tot Ion:250 Resp: 100066  
 Ion Ratio Lower Upper  
 250 100  
 248 61.1 51.4 77.2  
 252 62.6 49.8 74.6

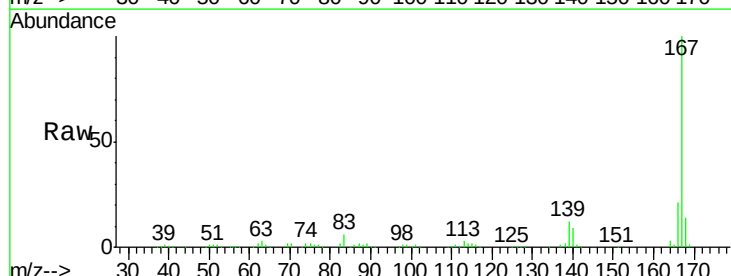


Abundance Ion 250.00 (249.70 to 250.70): E  
 Ion 248.00 (247.70 to 248.70): E  
 Ion 252.00 (251.70 to 252.70): E

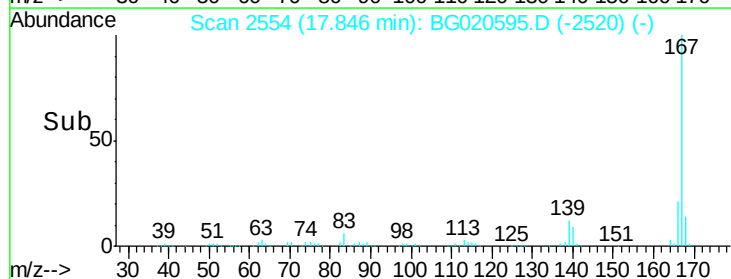
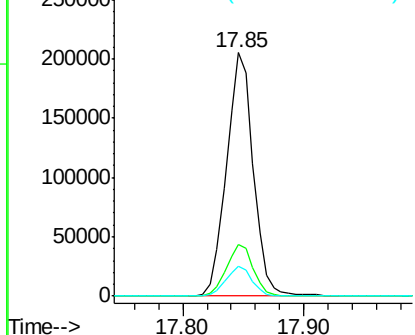


#75  
 Carbazole  
 Concen: 40.32 ng/uL  
 RT: 17.85 min Scan# 2554  
 Delta R.T. 0.00 min  
 Lab File: BG020595.D  
 Acq: 30 Dec 2015 5:51

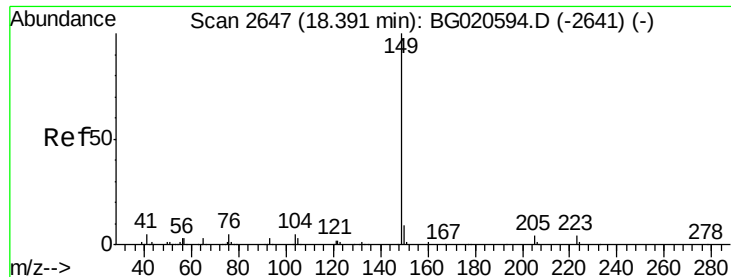
Tgt Ion:167 Resp: 315288  
 Ion Ratio Lower Upper  
 167 100  
 166 21.2 17.0 25.4  
 139 12.4 9.1 13.7



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



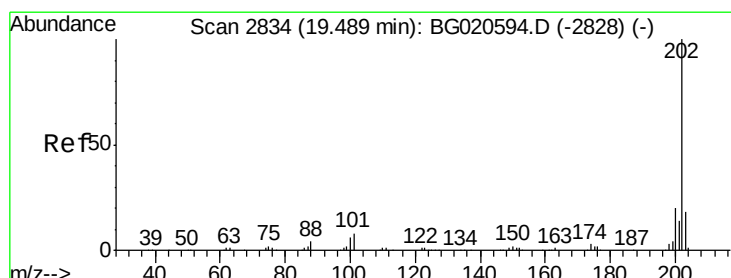
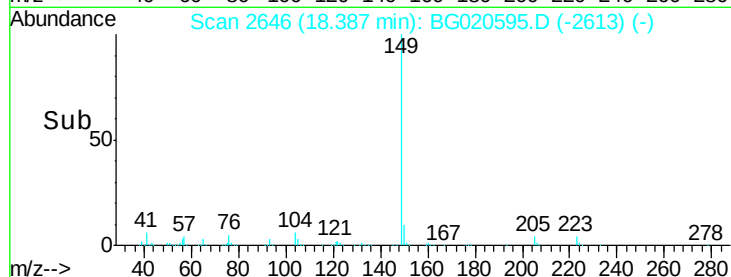
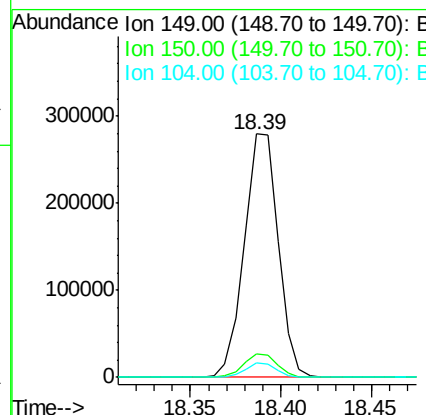
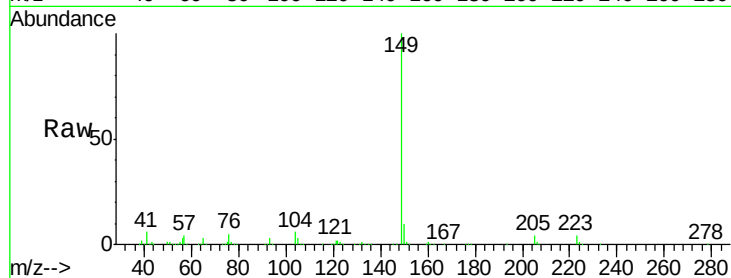




#76  
Di-n-butylphthalate  
Concen: 39.47 ng/ul  
RT: 18.39 min Scan# 2646  
Delta R.T. -0.00 min  
Lab File: BG020595.D  
Acq: 30 Dec 2015 5:51

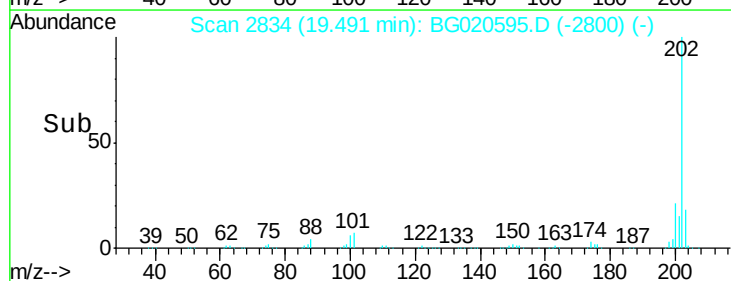
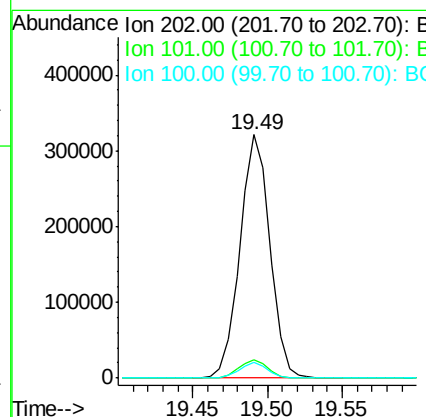
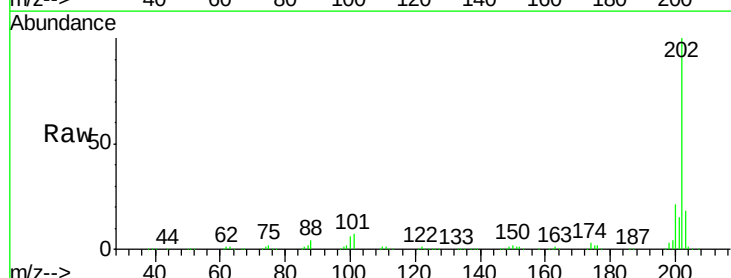
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD04010

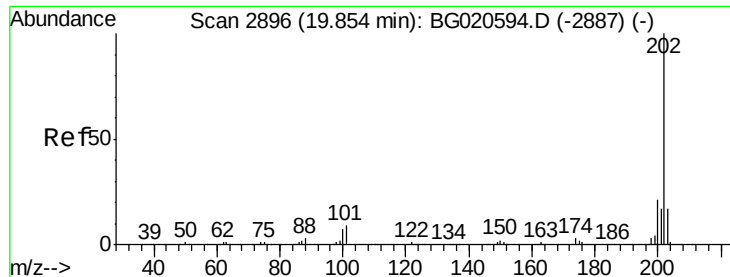
Tot Ion:149 Resp: 366388  
Ion Ratio Lower Upper  
149 100  
150 9.8 7.5 11.3  
104 5.7 4.1 6.1



#77  
Fluoranthene  
Concen: 39.58 ng/ul  
RT: 19.49 min Scan# 2834  
Delta R.T. 0.00 min  
Lab File: BG020595.D  
Acq: 30 Dec 2015 5:51

Tgt Ion:202 Resp: 447216  
Ion Ratio Lower Upper  
202 100  
101 7.5 6.1 9.1  
100 6.2 4.6 7.0

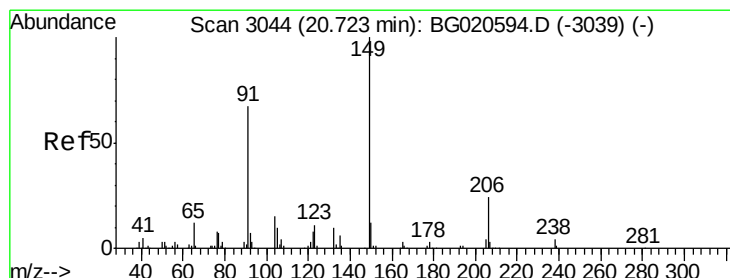
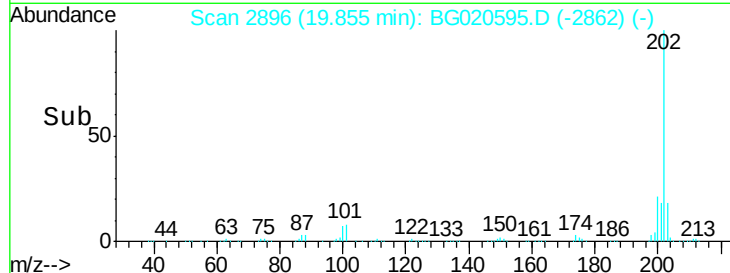
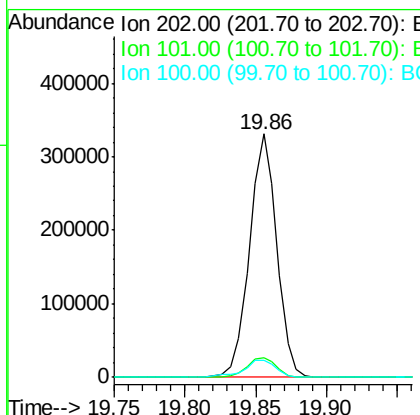
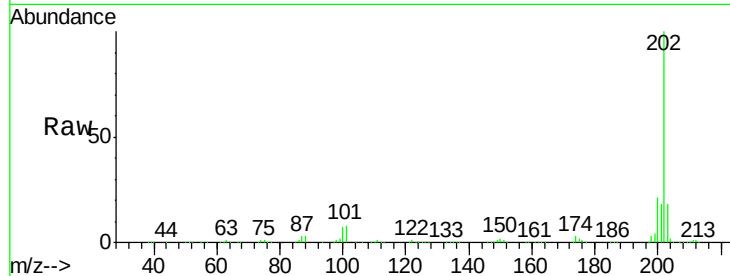




#80  
Pvrene  
Concen: 39.95 ng/ul  
RT: 19.86 min Scan# 2896  
Delta R.T. 0.00 min  
Lab File: BG020595.D  
Acq: 30 Dec 2015 5:51

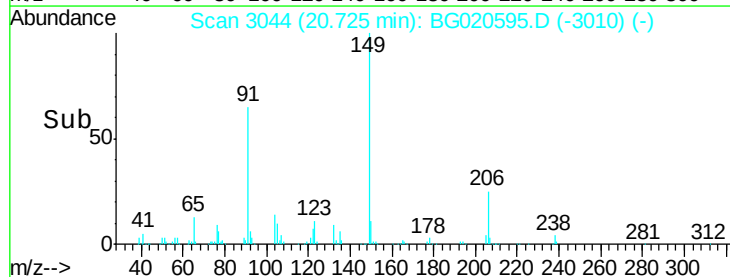
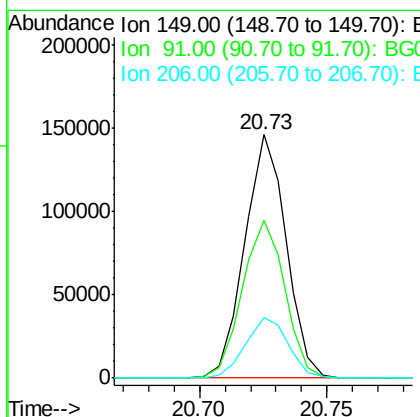
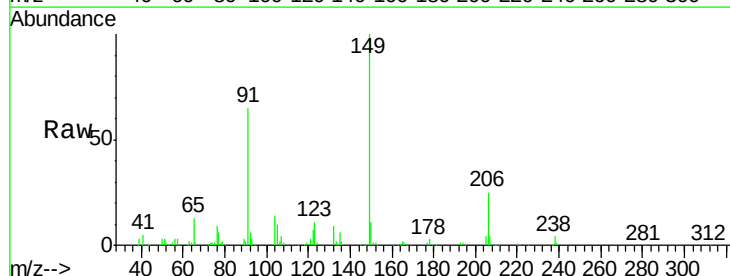
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD04010

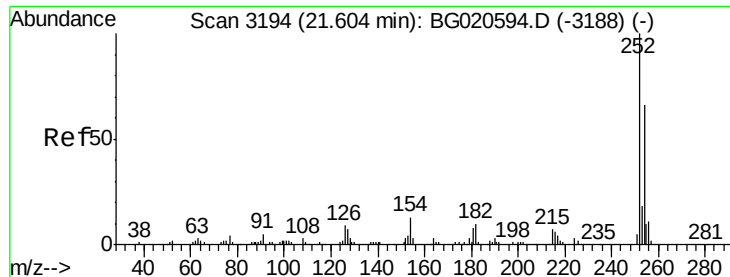
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 8.1   | 6.9   | 10.3  |
| 100     | 7.3   | 5.6   | 8.4   |



#81  
Butylbenzylphthalate  
Concen: 42.05 ng/ul  
RT: 20.73 min Scan# 3044  
Delta R.T. 0.00 min  
Lab File: BG020595.D  
Acq: 30 Dec 2015 5:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 64.7  | 53.4  | 80.0  |
| 206     | 25.0  | 19.3  | 28.9  |





#82

3,3'-Dichlorobenzidine

Concen: 42.47 ng/ul

RT: 21.61 min Scan# 3194

Delta R.T. 0.00 min

Lab File: BG020595.D

Acq: 30 Dec 2015 5:51

Instrument :

BNA\_G

ClientSampleId :

SSTD04010

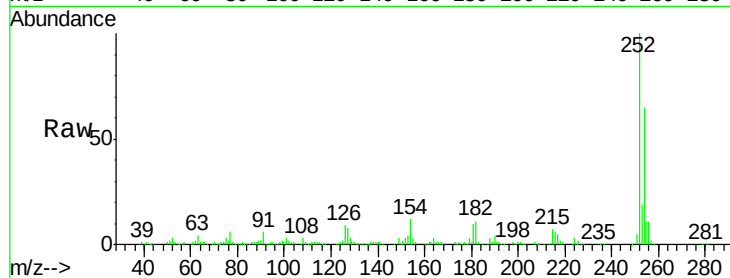
Tot Ion:252 Resp: 162860

Ion Ratio Lower Upper

252 100

254 64.8 52.8 79.2

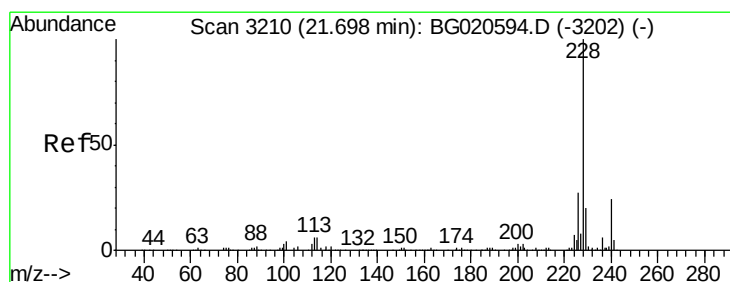
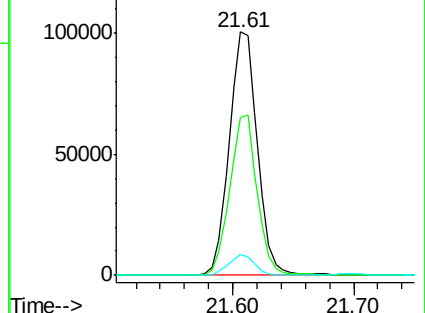
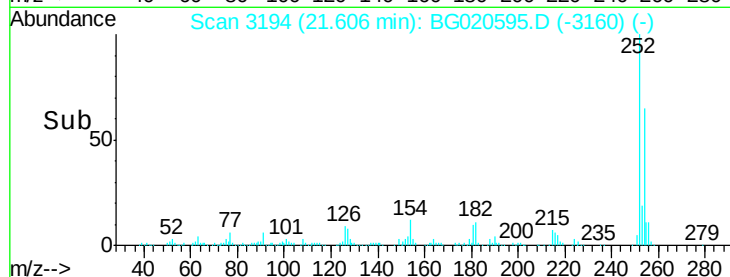
126 8.9 6.9 10.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Benzo(a)anthracene

Concen: 40.32 ng/ul

RT: 21.69 min Scan# 3209

Delta R.T. -0.00 min

Lab File: BG020595.D

Acq: 30 Dec 2015 5:51

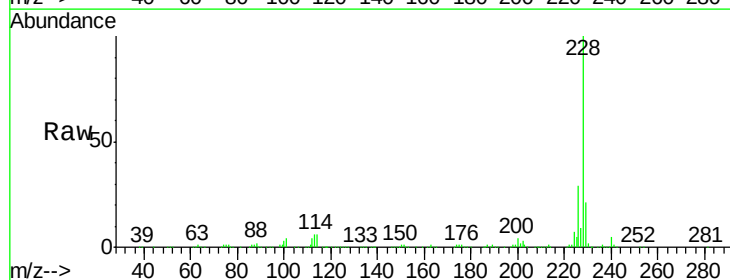
Tgt Ion:228 Resp: 466102

Ion Ratio Lower Upper

228 100

229 20.7 16.0 24.0

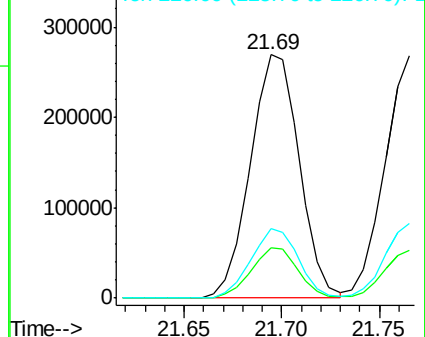
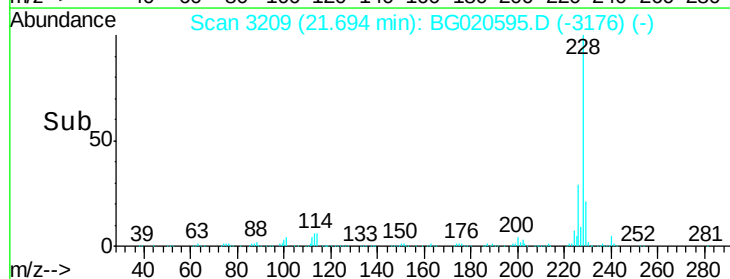
226 28.7 21.8 32.8

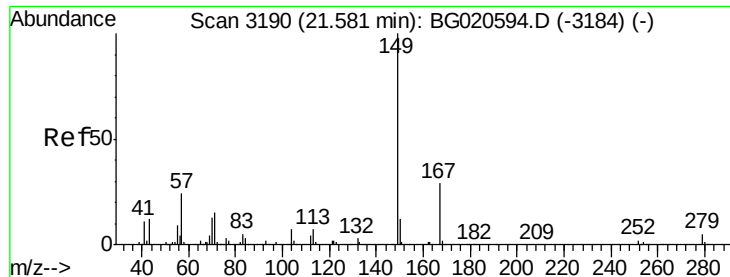


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

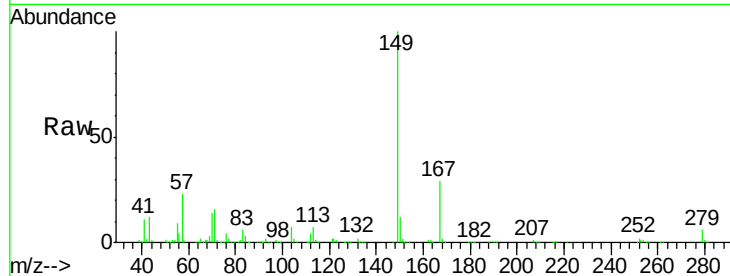




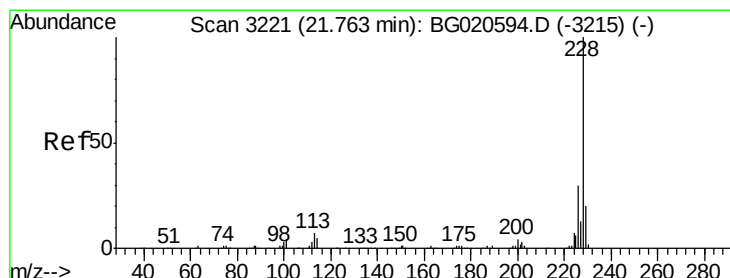
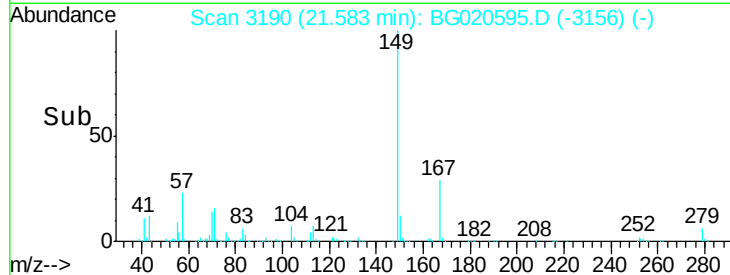
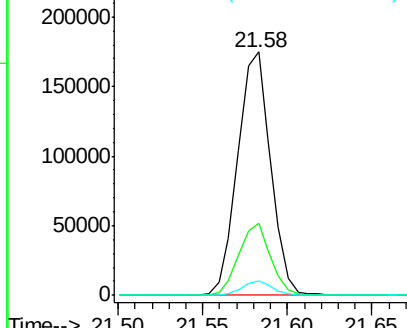
#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 41.10 ng/ul  
 RT: 21.58 min Scan# 3190  
 Delta R.T. 0.00 min  
 Lab File: BG020595.D  
 Acq: 30 Dec 2015 5:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST04010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 29.5  | 23.0  | 34.6  |
| 279     | 5.9   | 4.3   | 6.5   |

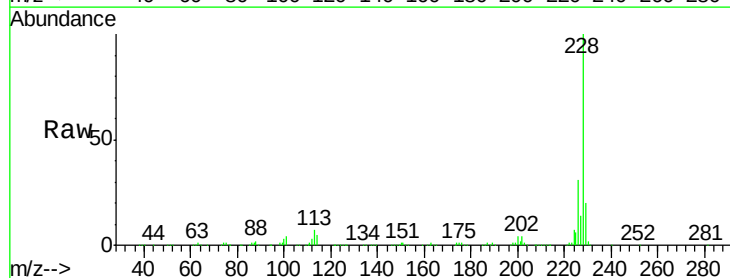


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

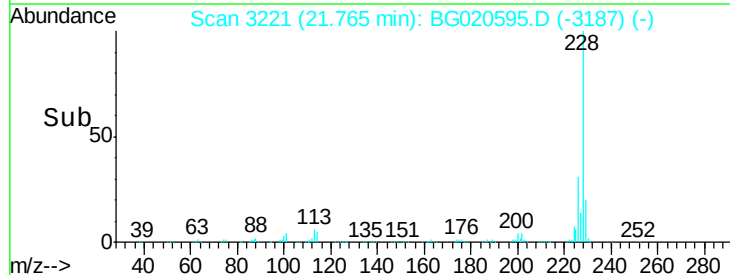
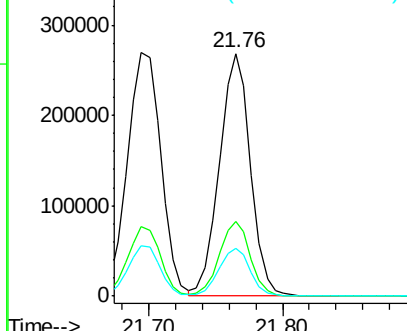


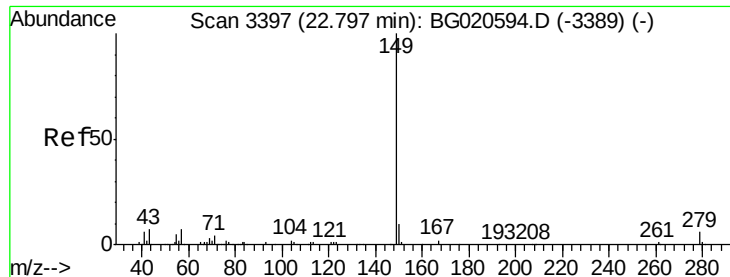
#85  
 Chrysene  
 Concen: 39.90 ng/ul  
 RT: 21.76 min Scan# 3221  
 Delta R.T. 0.00 min  
 Lab File: BG020595.D  
 Acq: 30 Dec 2015 5:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.7  | 24.1  | 36.1  |
| 229     | 19.9  | 16.0  | 24.0  |



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

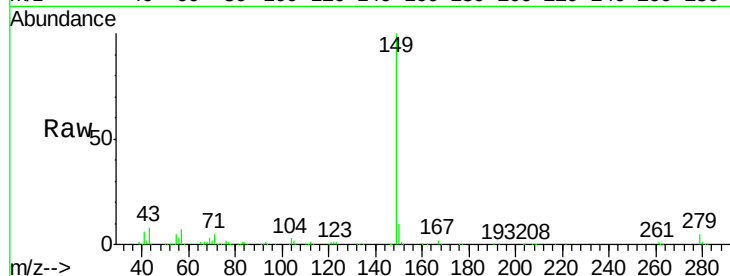




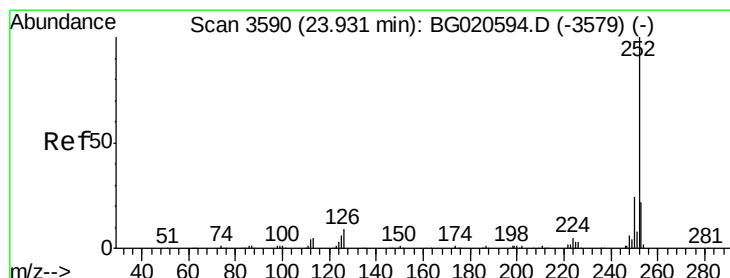
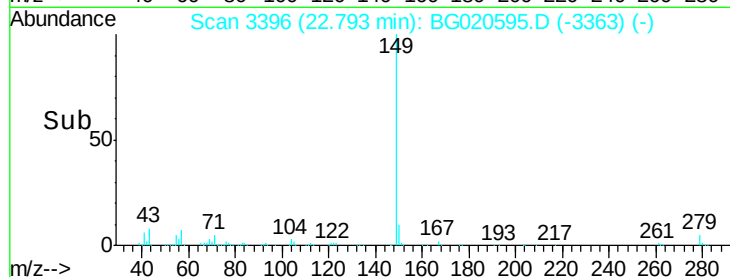
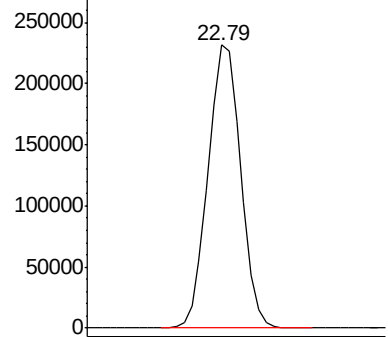
#87  
Di-n-octyl phthalate  
Concen: 42.46 ng/ul  
RT: 22.79 min Scan# 3396  
Delta R.T. -0.00 min  
Lab File: BG020595.D  
Acq: 30 Dec 2015 5:51

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD04010

Tgt Ion:149 Resp: 412565

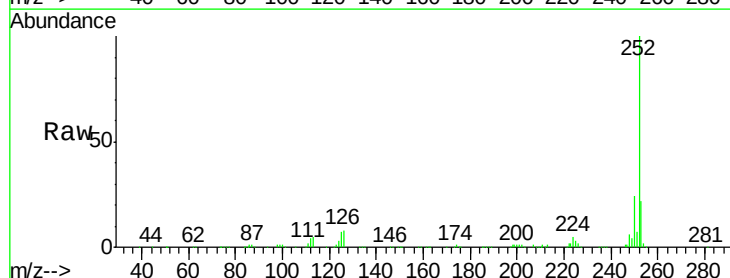


Abundance Ion 149.00 (148.70 to 149.70): E



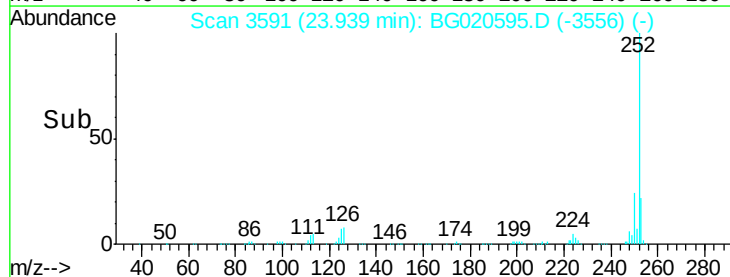
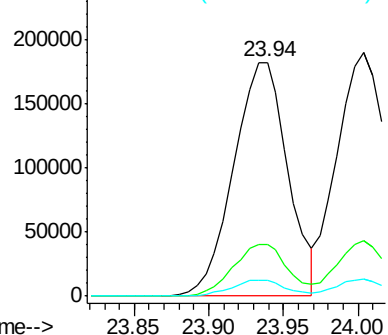
#88  
Benzo(b)fluoranthene  
Concen: 40.80 ng/ul  
RT: 23.94 min Scan# 3591  
Delta R.T. 0.01 min  
Lab File: BG020595.D  
Acq: 30 Dec 2015 5:51

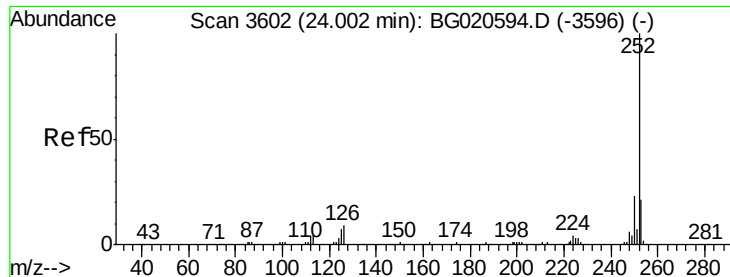
Tgt Ion:252 Resp: 458764  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.4 26.0  
125 6.6 4.9 7.3



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: 40.52 ng/ul

RT: 24.00 min Scan# 3602

Delta R.T. 0.00 min

Lab File: BG020595.D

Acq: 30 Dec 2015 5:51

Instrument :

BNA\_G

ClientSampleId :

SSTD04010

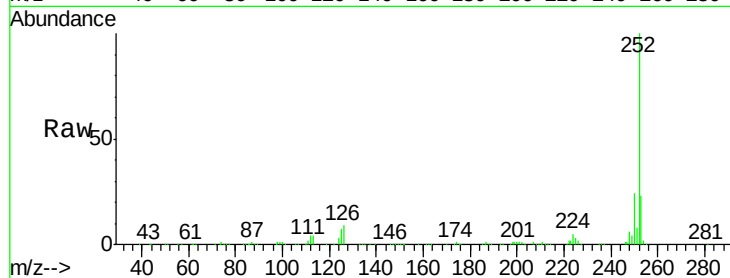
Tot Ion:252 Resp: 441939

Ion Ratio Lower Upper

252 100

253 22.8 17.1 25.7

125 6.8 5.4 8.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

250000

200000

150000

100000

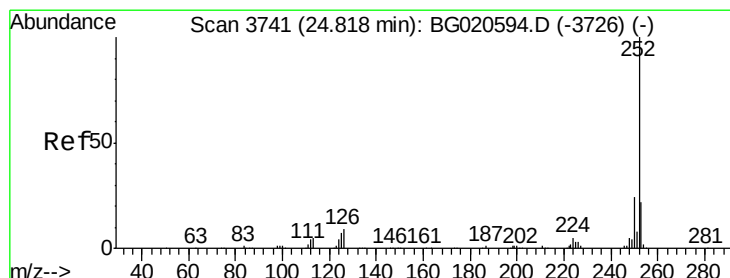
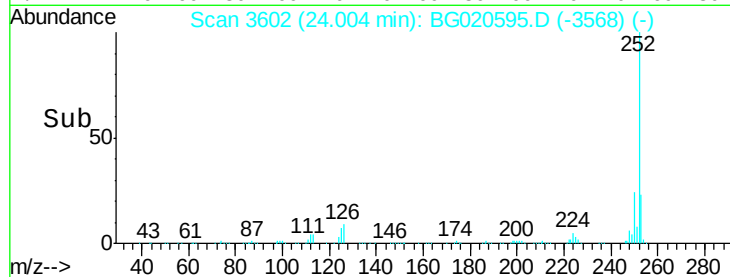
50000

0

24.00

24.10

Time-->



#91

Benzo(a)pyrene

Concen: 41.03 ng/ul

RT: 24.83 min Scan# 3742

Delta R.T. 0.01 min

Lab File: BG020595.D

Acq: 30 Dec 2015 5:51

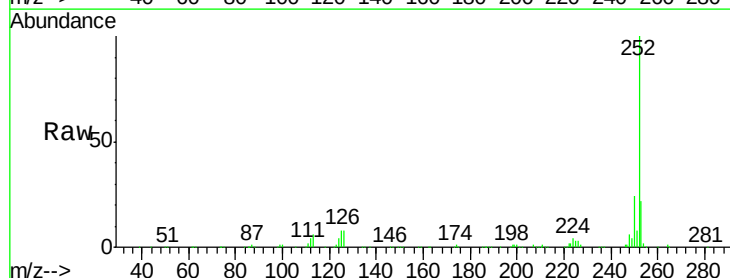
Tgt Ion:252 Resp: 444234

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 7.6 5.8 8.6



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

200000

150000

100000

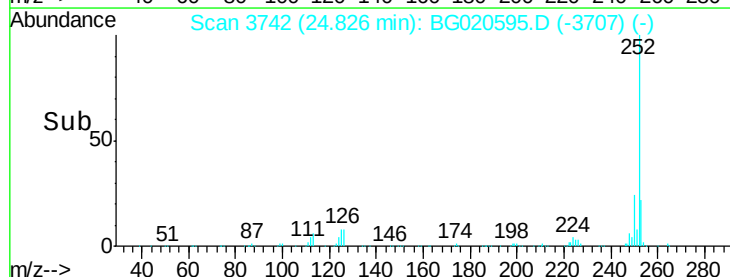
50000

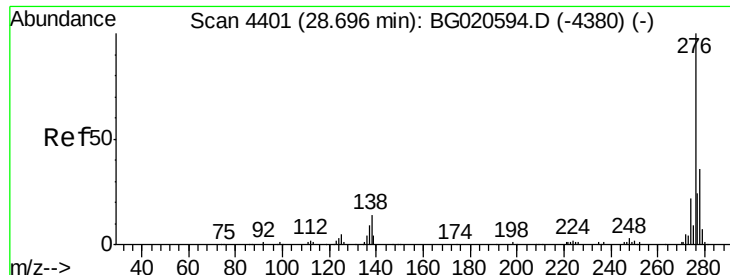
0

24.83

24.90

Time-->

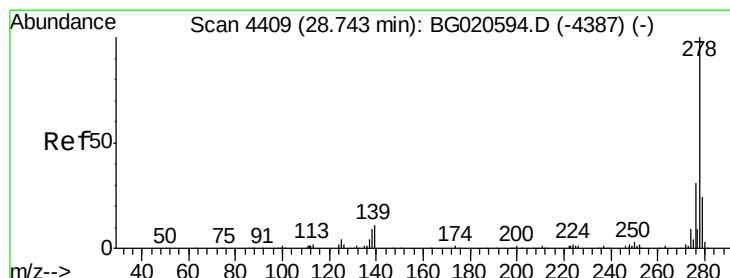
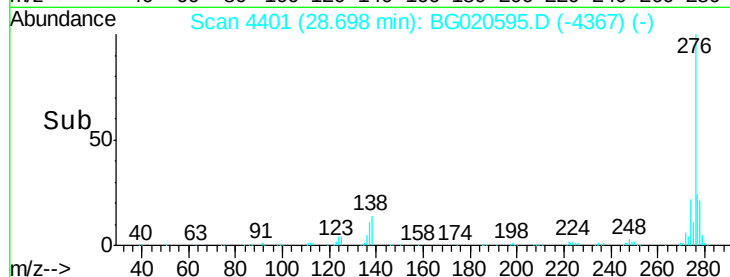
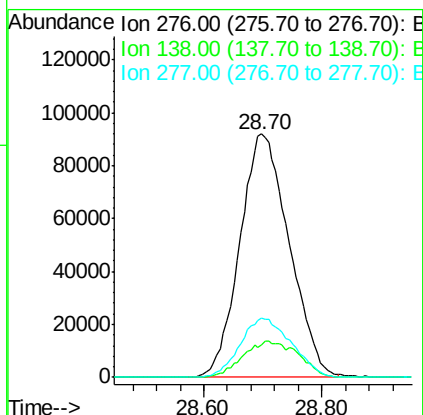
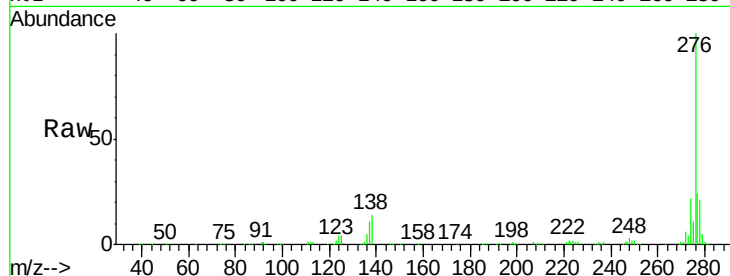




#92  
 Indeno(1,2,3-cd)pyrene  
 Concen: 40.99 ng/ul  
 RT: 28.70 min Scan# 4401  
 Delta R.T. 0.00 min  
 Lab File: BG020595.D  
 Acq: 30 Dec 2015 5:51

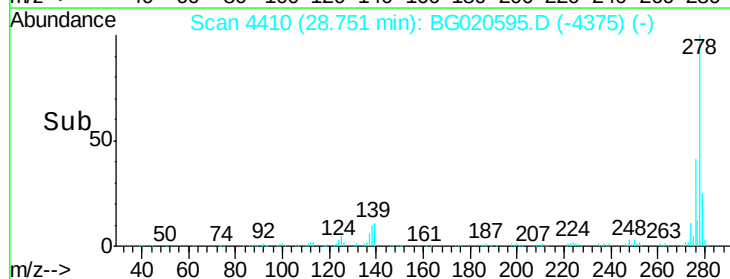
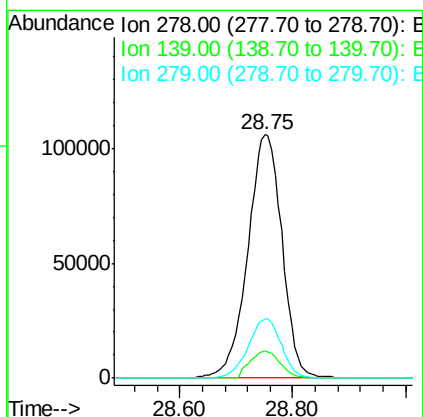
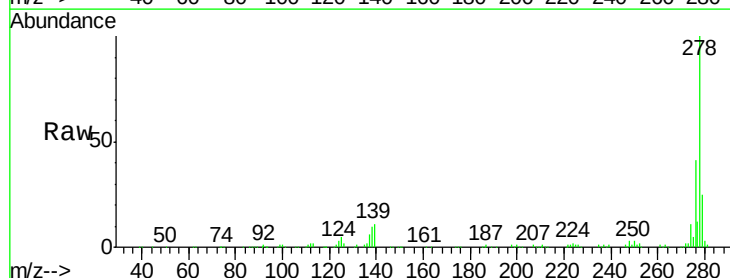
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST04010

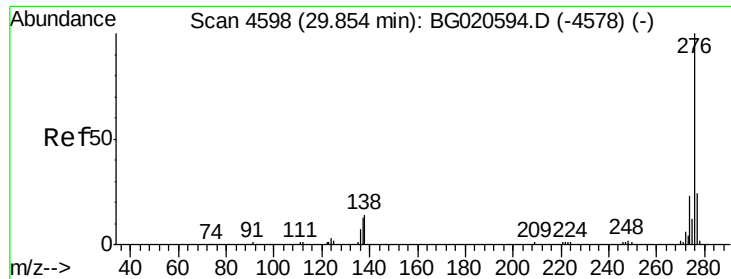
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 13.5  | 10.9  | 16.3  |
| 277     | 24.4  | 18.9  | 28.3  |



#93  
 Dibenzo(a,h)anthracene  
 Concen: 41.28 ng/ul  
 RT: 28.75 min Scan# 4410  
 Delta R.T. 0.01 min  
 Lab File: BG020595.D  
 Acq: 30 Dec 2015 5:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 11.1  | 9.0   | 13.4  |
| 279     | 24.5  | 19.1  | 28.7  |





#94

Benzo(a,h,i)perylene

Concen: 41.02 ng/ul

RT: 29.86 min Scan# 4599

Delta R.T. 0.01 min

Lab File: BG020595.D

Acq: 30 Dec 2015 5:51

Instrument :

BNA\_G

ClientSampleId :

SSTD04010

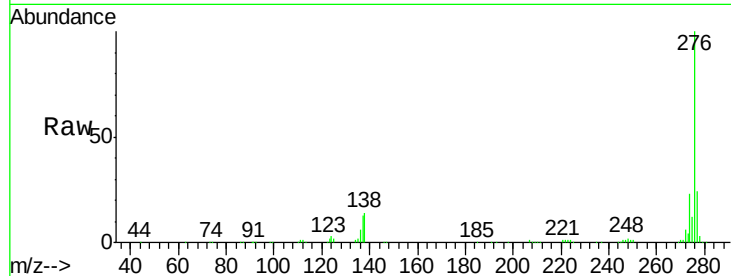
Tot Ion: 276 Resp: 438219

Ion Ratio Lower Upper

276 100

138 14.3 11.2 16.8

277 23.7 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

