

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121615\  
 Data File : BG020214.D  
 Acq On : 16 Dec 2015 7:10  
 Operator : UM/SJ  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02038

Quant Time: Dec 16 07:46:33 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Dec 16 03:45:51 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.10  | 152  | 26724    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.92 | 136  | 119284   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.73 | 164  | 89659    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.47 | 188  | 235710   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.74 | 240  | 268317   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.01 | 264  | 251923   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.47  | 96  | 3667   | 7.58  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.25  | 99  | 47651  | 20.22 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.41  | 67  | 28284  | 20.12 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.63  | 132 | 35400  | 20.65 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.80  | 113 | 41089  | 20.39 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.26  | 128 | 19534  | 21.01 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.99  | 143 | 22512  | 21.76 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.53 | 165 | 44703  | 21.33 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.05 | 131 | 53557  | 22.75 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.12 | 166 | 150867 | 20.80 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.42 | 160 | 173326 | 20.54 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.92 | 143 | 26629  | 20.47 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.72 | 176 | 136346 | 20.73 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.83 | 200 | 30104  | 21.54 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.57 | 188 | 222328 | 20.47 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.85 | 212 | 250775 | 20.05 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.79 | 264 | 258202 | 20.55 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       |       | Ovalue |
|--------------------------------|-------|-----|--------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 3.51  | 88  | 5032   | 7.04  | ng/uL | 93     |
| 4) Benzaldehyde                | 7.23  | 77  | 32783  | 21.49 | ng/ul | 98     |
| 6) Phenol                      | 7.27  | 94  | 51780  | 20.52 | ng/ul | 97     |
| 8) Bis(2-Chloroethyl)ether     | 7.51  | 93  | 34390  | 19.86 | ng/ul | 99     |
| 10) 2-Chlorophenol             | 7.66  | 128 | 37666  | 20.99 | ng/ul | 98     |
| 11) 2-Methylphenol             | 8.54  | 108 | 39695  | 20.62 | ng/ul | 98     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.63  | 45  | 49124  | 19.70 | ng/ul | 97     |
| 14) Acetophenone               | 8.92  | 105 | 64393  | 20.41 | ng/ul | 96     |
| 15) N-Nitroso-di-n-propylamine | 8.91  | 70  | 34096  | 20.41 | ng/ul | 99     |
| 16) 4-Methylphenol             | 8.87  | 108 | 43807  | 20.56 | ng/ul | 99     |
| 17) Hexachloroethane           | 9.19  | 117 | 14785  | 19.60 | ng/ul | 97     |
| 20) Nitrobenzene               | 9.31  | 77  | 50411  | 20.46 | ng/ul | 97     |
| 21) Isophorone                 | 9.83  | 82  | 94123  | 20.01 | ng/ul | 96     |
| 23) 2-Nitrophenol              | 10.02 | 139 | 24510  | 22.09 | ng/ul | 96     |
| 24) 2,4-Dimethylphenol         | 10.08 | 107 | 51706  | 20.52 | ng/ul | 99     |
| 25) Bis(2-Chloroethoxy)methane | 10.31 | 93  | 50916  | 19.98 | ng/ul | 95     |
| 27) 2,4-Dichlorophenol         | 10.56 | 162 | 45490  | 21.13 | ng/ul | 96     |
| 28) Naphthalene                | 10.96 | 128 | 126813 | 20.36 | ng/ul | 99     |
| 30) 4-Chloroaniline            | 11.07 | 127 | 53314  | 22.18 | ng/ul | 99     |
| 31) Hexachlorobutadiene        | 11.24 | 225 | 32153  | 20.04 | ng/ul | 90     |
| 32) Caprolactam                | 11.83 | 113 | 13199  | 17.37 | ng/ul | 94     |
| 33) 4-Chloro-3-methylphenol    | 12.18 | 107 | 54137  | 21.16 | ng/ul | 93     |
| 34) 2-Methylnaphthalene        | 12.56 | 142 | 97730  | 20.54 | ng/ul | 97     |

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 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Dec 16 03:45:51 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| -----                          |       |      |          |       |        |          |
| 35) 1-Methylnaphthalene        | 12.78 | 142  | 93649    | 20.47 | ng/ul# | 95       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.93 | 216  | 69821    | 20.75 | ng/ul  | 99       |
| 38) Hexachlorocyclopentadiene  | 12.91 | 237  | 39406    | 18.94 | ng/ul  | 96       |
| 39) 2,4,6-Trichlorophenol      | 13.16 | 196  | 44774    | 20.75 | ng/ul  | 97       |
| 40) 2,4,5-Trichlorophenol      | 13.24 | 196  | 51719    | 21.56 | ng/ul  | 99       |
| 41) 1,1'-Biphenyl              | 13.56 | 154  | 137774   | 20.37 | ng/ul  | 97       |
| 42) 2-Chloronaphthalene        | 13.61 | 162  | 109825   | 20.28 | ng/ul  | 97       |
| 43) 2-Nitroaniline             | 13.81 | 65   | 38427    | 20.87 | ng/ul  | 94       |
| 45) Dimethylphthalate          | 14.18 | 163  | 153638   | 20.74 | ng/ul  | 98       |
| 46) 2,6-Dinitrotoluene         | 14.30 | 165  | 31997    | 20.88 | ng/ul  | 99       |
| 48) Acenaphthylene             | 14.45 | 152  | 185082   | 20.65 | ng/ul  | 100      |
| 49) 3-Nitroaniline             | 14.63 | 138  | 33176    | 22.30 | ng/ul  | 94       |
| 50) Acenaphthene               | 14.79 | 153  | 124745   | 20.68 | ng/ul  | 95       |
| 51) 2,4-Dinitrophenol          | 14.83 | 184  | 20027    | 22.97 | ng/ul  | 92       |
| 53) 4-Nitrophenol              | 14.93 | 109  | 24931    | 19.93 | ng/ul  | 94       |
| 54) Dibenzofuran               | 15.12 | 168  | 182517   | 20.34 | ng/ul  | 98       |
| 55) 2,4-Dinitrotoluene         | 15.08 | 165  | 49137    | 21.85 | ng/ul  | 97       |
| 56) 2,3,4,6-Tetrachlorophenol  | 15.35 | 232  | 50232    | 21.78 | ng/ul# | 97       |
| 57) Diethylphthalate           | 15.53 | 149  | 158838   | 20.66 | ng/ul  | 99       |
| 59) Fluorene                   | 15.77 | 166  | 149144   | 20.70 | ng/ul  | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.76 | 204  | 84223    | 20.73 | ng/ul  | 97       |
| 61) 4-Nitroaniline             | 15.79 | 138  | 35021    | 21.78 | ng/ul  | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 15.85 | 198  | 31431    | 20.95 | ng/ul  | 100      |
| 65) N-Nitrosodiphenylamine     | 15.97 | 169  | 136123   | 20.77 | ng/ul  | 97       |
| 66) 4-Bromophenyl-phenylether  | 16.66 | 248  | 57721    | 20.86 | ng/ul  | 99       |
| 67) Hexachlorobenzene          | 16.77 | 284  | 62710    | 21.11 | ng/ul  | 95       |
| 68) Atrazine                   | 16.91 | 200  | 58840    | 21.05 | ng/ul  | 98       |
| 69) Pentachlorophenol          | 17.11 | 266  | 37728    | 21.06 | ng/ul  | 96       |
| 70) Phenanthrene               | 17.51 | 178  | 266081   | 20.64 | ng/ul  | 100      |
| 72) Anthracene                 | 17.60 | 178  | 269436   | 20.60 | ng/ul  | 99       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.53 | 216  | 74387    | 20.15 | ng/uL  | 95       |
| 74) Pentachlorobenzene         | 15.04 | 250  | 70579    | 20.61 | ng/uL  | 93       |
| 75) Carbazole                  | 17.87 | 167  | 227719   | 20.72 | ng/ul  | 99       |
| 76) Di-n-butylphthalate        | 18.42 | 149  | 266521   | 20.88 | ng/ul  | 100      |
| 77) Fluoranthene               | 19.52 | 202  | 319340   | 21.19 | ng/ul  | 98       |
| 80) Pvrene                     | 19.88 | 202  | 323807   | 19.94 | ng/ul  | 99       |
| 81) Butylbenzylphthalate       | 20.75 | 149  | 117028   | 20.74 | ng/ul  | 96       |
| 82) 3,3'-Dichlorobenzidine     | 21.63 | 252  | 102860   | 20.98 | ng/ul  | 98       |
| 83) Benzo(a)anthracene         | 21.72 | 228  | 321396   | 20.53 | ng/ul  | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.62 | 149  | 166438   | 20.63 | ng/ul  | 99       |
| 85) Chrysene                   | 21.79 | 228  | 299058   | 20.28 | ng/ul  | 99       |
| 87) Di-n-octyl phthalate       | 22.84 | 149  | 281438   | 20.33 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 23.97 | 252  | 307160   | 20.26 | ng/ul  | 97       |
| 89) Benzo(k)fluoranthene       | 24.04 | 252  | 296710   | 20.39 | ng/ul  | 99       |
| 91) Benzo(a)pyrene             | 24.85 | 252  | 295551   | 20.56 | ng/ul  | 99       |
| 92) Indeno(1,2,3-cd)pyrene     | 28.72 | 276  | 136618   | 7.98  | ng/ul  | 94       |
| 93) Dibenzo(a,h)anthracene     | 28.80 | 278  | 292256   | 20.57 | ng/ul  | 99       |
| 94) Benzo(a,h,i)perylene       | 29.90 | 276  | 281632   | 20.07 | ng/ul  | 99       |
| -----                          |       |      |          |       |        |          |

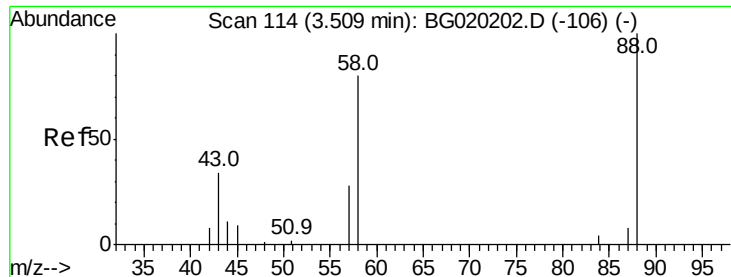
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121615\  
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| Internal Standards                                                   | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |





#2

1,4-Dioxane

Concen: 7.04 ng/uL

RT: 3.51 min Scan# 114

Delta R.T. -0.00 min

Lab File: BG020214.D

Acq: 16 Dec 2015 7:10

Instrument :

BNA\_G

ClientSampleId :

SSTD02038

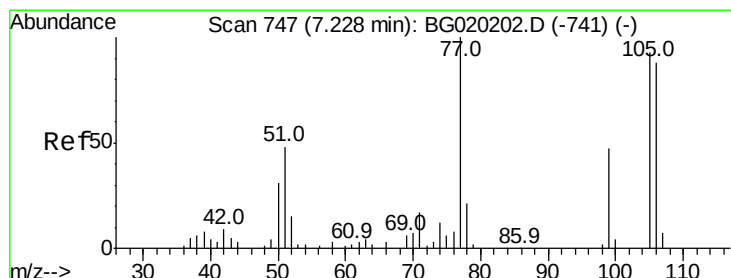
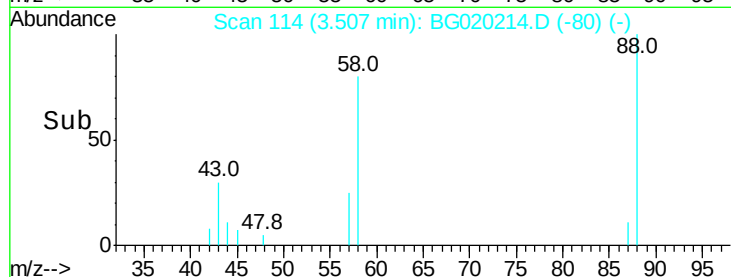
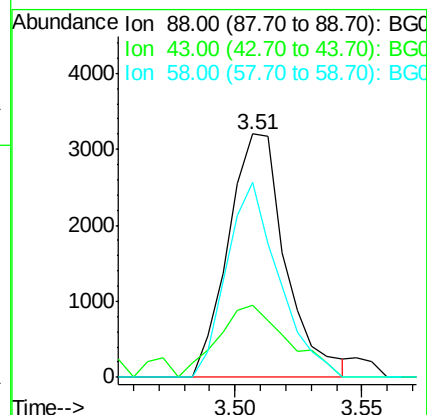
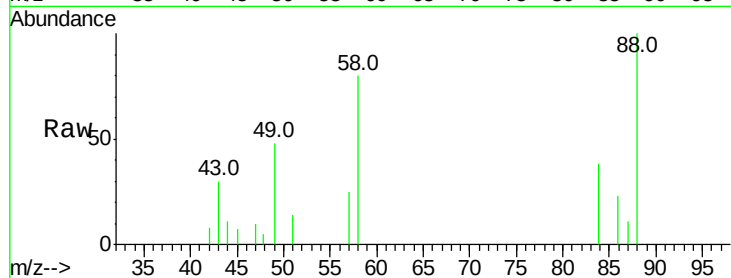
Tot Ion: 88 Resp: 5032

Ion Ratio Lower Upper

88 100

43 29.9 27.8 41.8

58 80.3 59.9 89.9



#4

Benzaldehyde

Concen: 21.49 ng/uL

RT: 7.23 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG020214.D

Acq: 16 Dec 2015 7:10

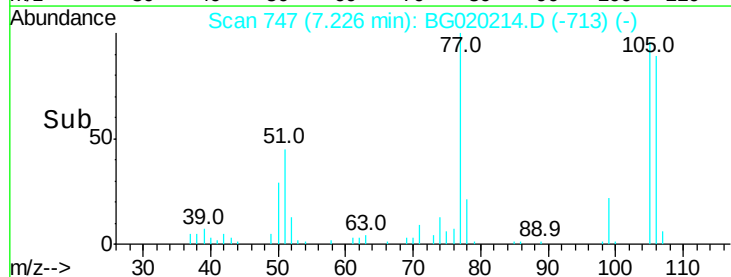
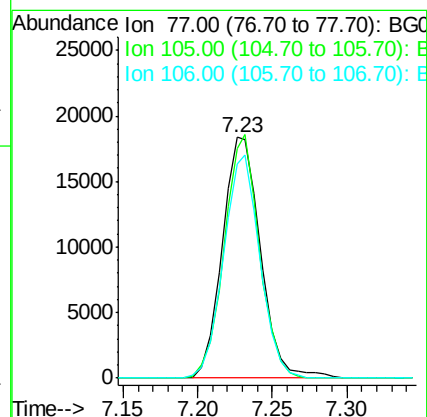
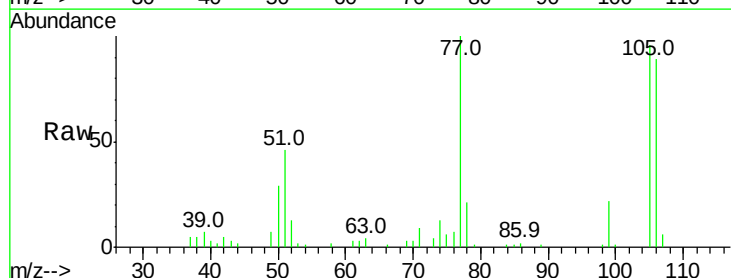
Tgt Ion: 77 Resp: 32783

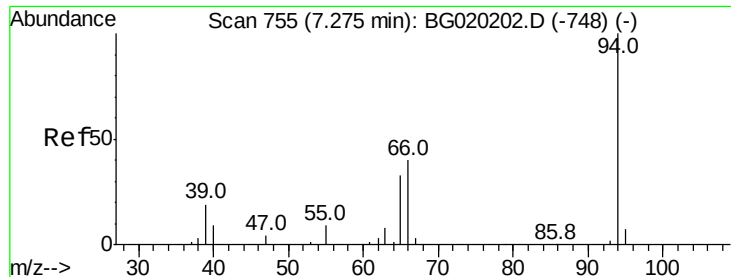
Ion Ratio Lower Upper

77 100

105 95.6 77.8 116.6

106 88.8 72.6 109.0





#6

Phenol

Concen: 20.52 ng/ul

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG020214.D

Acq: 16 Dec 2015 7:10

Instrument :

BNA\_G

ClientSampleId :

SSTD02038

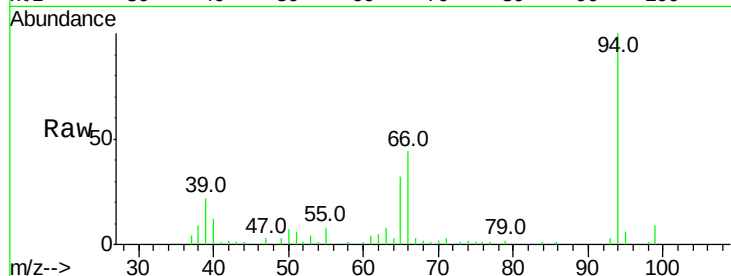
Tot Ion: 94 Resp: 51780

Ion Ratio Lower Upper

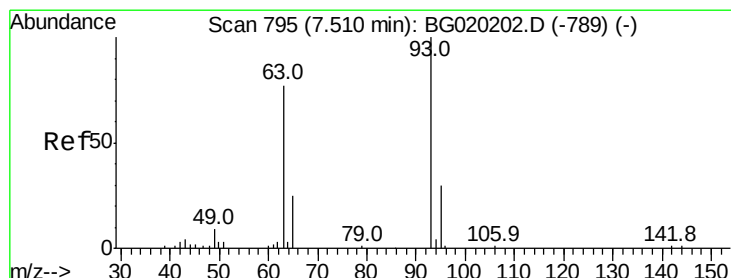
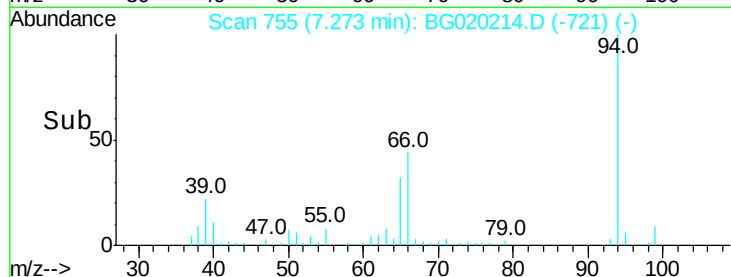
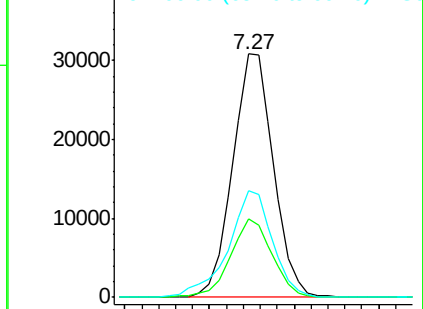
94 100

65 32.0 26.3 39.5

66 43.9 33.3 49.9



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: 19.86 ng/ul

RT: 7.51 min Scan# 795

Delta R.T. -0.00 min

Lab File: BG020214.D

Acq: 16 Dec 2015 7:10

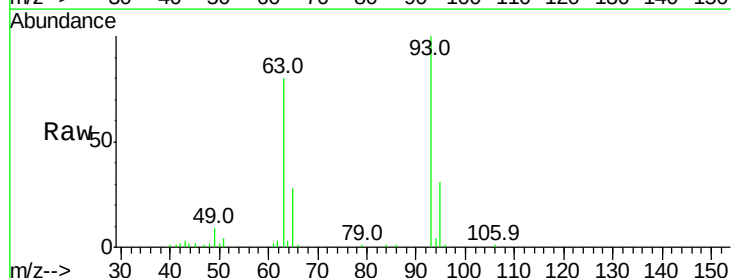
Tgt Ion: 93 Resp: 34390

Ion Ratio Lower Upper

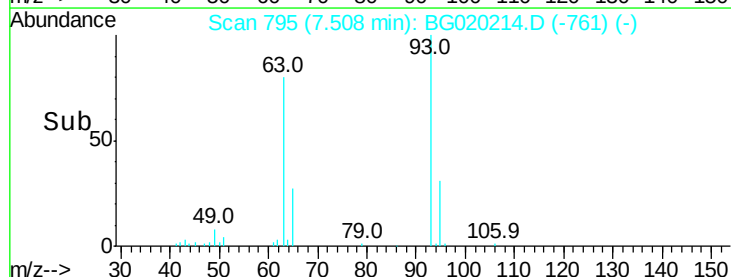
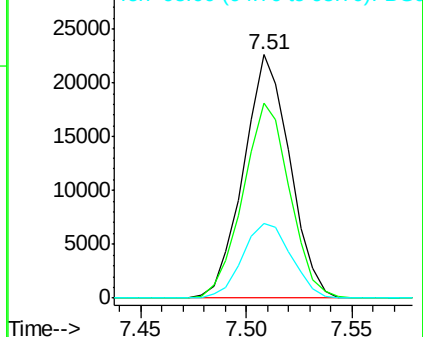
93 100

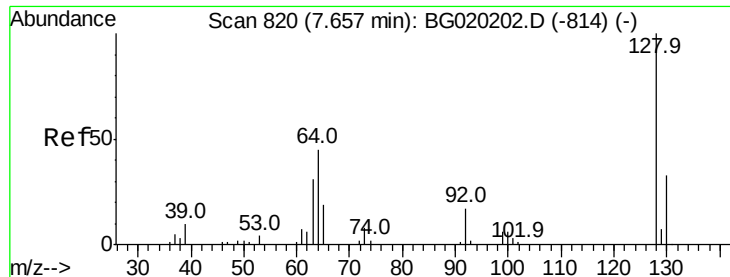
63 80.0 63.6 95.4

95 30.5 23.7 35.5



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

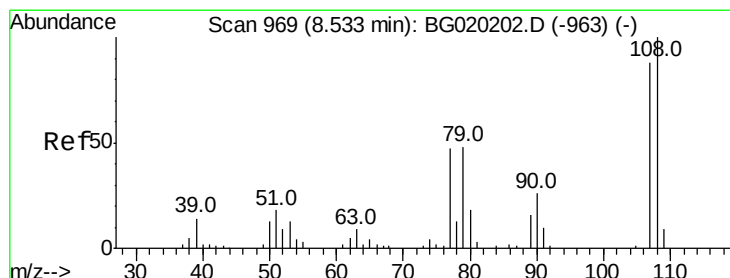
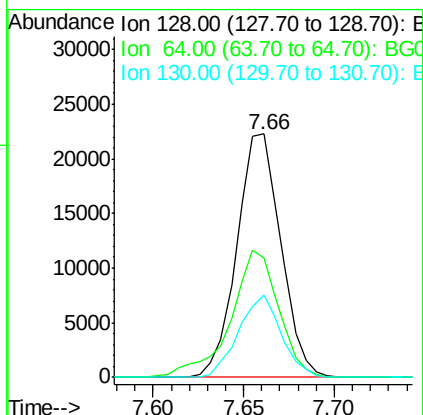
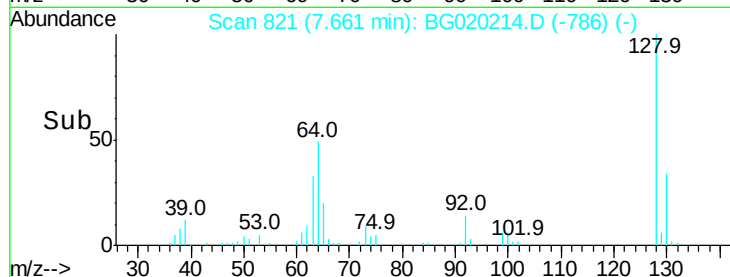
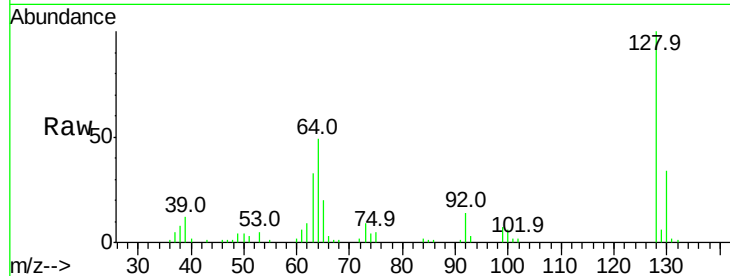




#10  
2-Chlorophenol  
Concen: 20.99 ng/ul  
RT: 7.66 min Scan# 821  
Delta R.T. 0.00 min  
Lab File: BG020214.D  
Acq: 16 Dec 2015 7:10

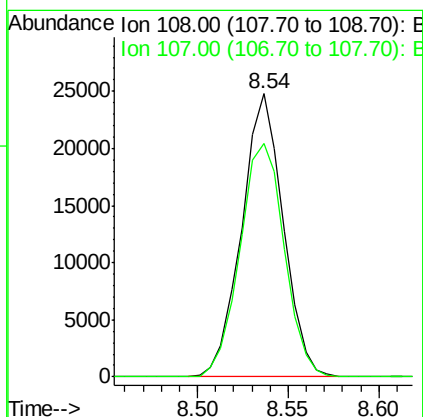
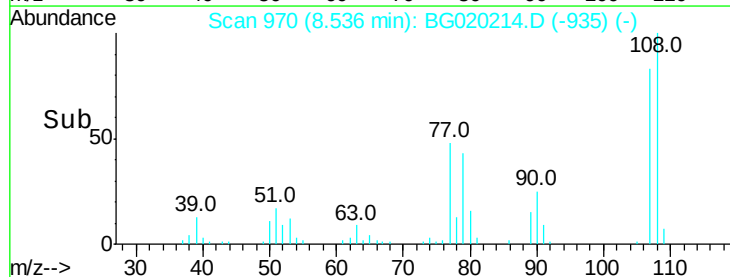
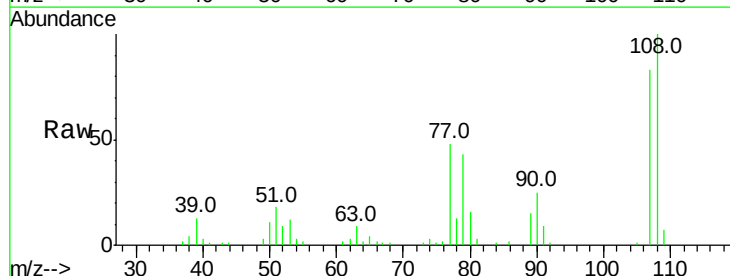
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02038

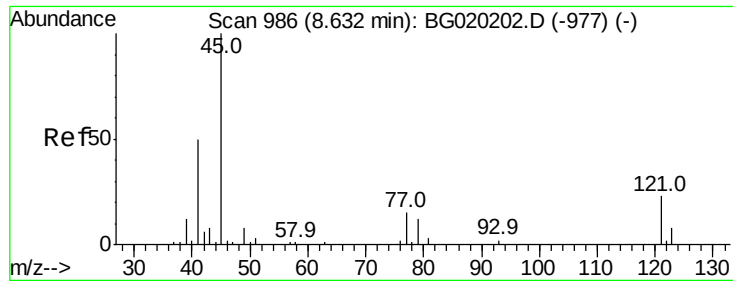
Tot Ion:128 Resp: 37666  
Ion Ratio Lower Upper  
128 100  
64 49.0 39.4 59.0  
130 34.0 24.6 36.8



#11  
2-Methylphenol  
Concen: 20.62 ng/ul  
RT: 8.54 min Scan# 970  
Delta R.T. 0.00 min  
Lab File: BG020214.D  
Acq: 16 Dec 2015 7:10

Tgt Ion:108 Resp: 39695  
Ion Ratio Lower Upper  
108 100  
107 82.7 67.5 101.3

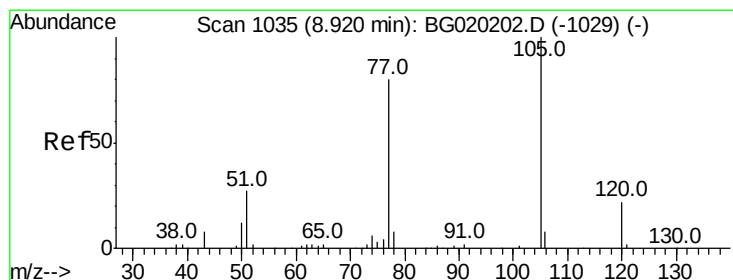
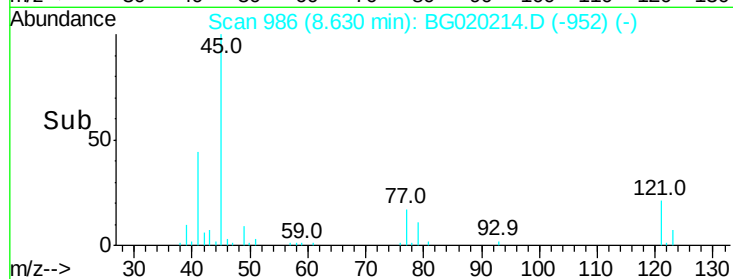
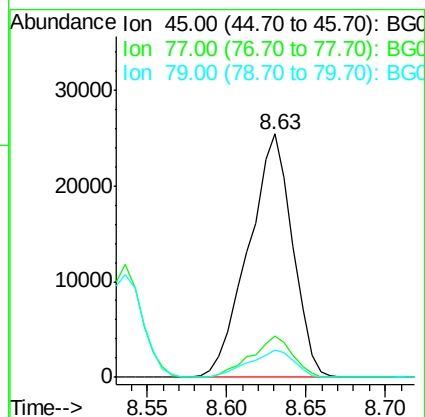
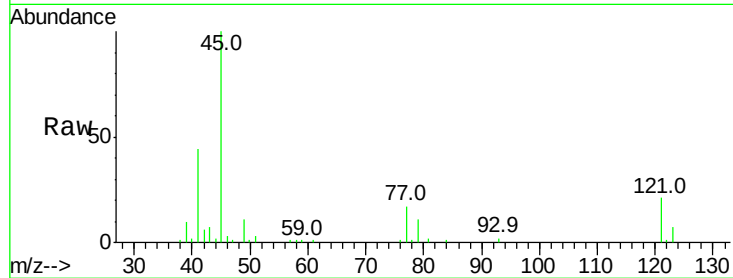




#12  
2,2'-oxybis(1-Chloropropane)  
Concen: 19.70 ng/ul  
RT: 8.63 min Scan# 986  
Delta R.T. -0.00 min  
Lab File: BG020214.D  
Acq: 16 Dec 2015 7:10

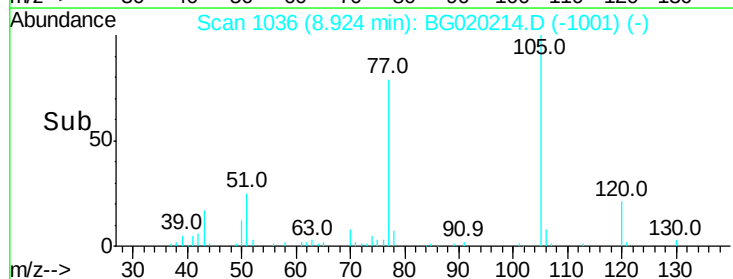
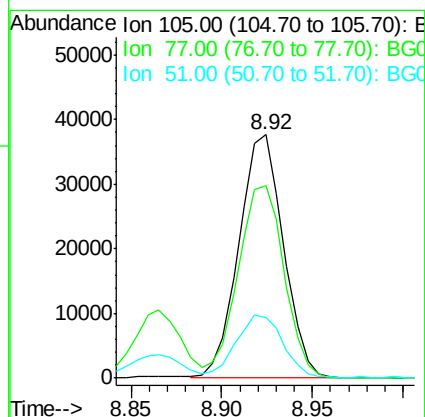
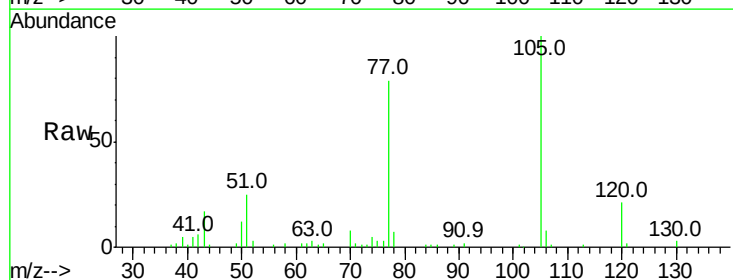
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02038

Tot Ion: 45 Resp: 49124  
Ion Ratio Lower Upper  
45 100  
77 17.0 12.1 18.1  
79 11.1 9.0 13.4

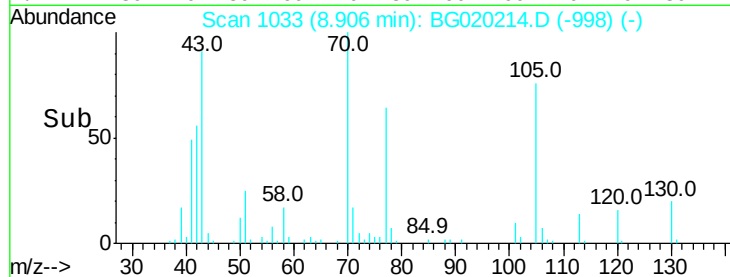
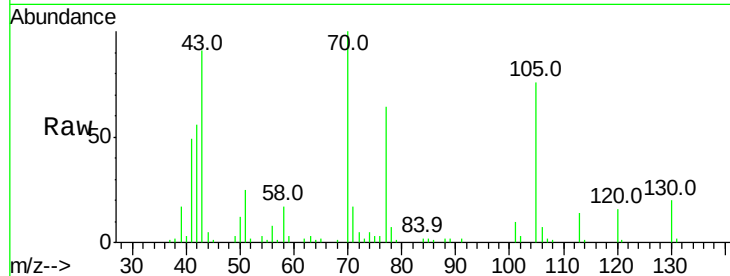
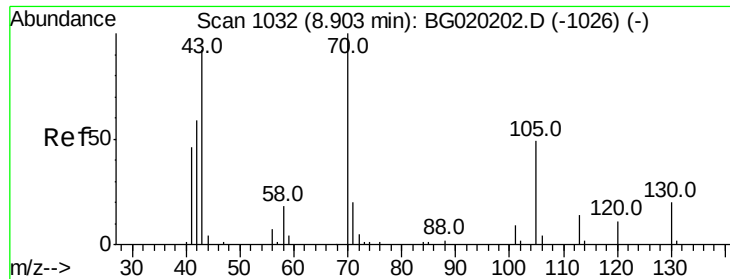


#14  
Acetophenone  
Concen: 20.41 ng/ul  
RT: 8.92 min Scan# 1036  
Delta R.T. 0.00 min  
Lab File: BG020214.D  
Acq: 16 Dec 2015 7:10

Tgt Ion:105 Resp: 64393  
Ion Ratio Lower Upper  
105 100  
77 79.1 65.2 97.8  
51 24.8 22.6 33.8



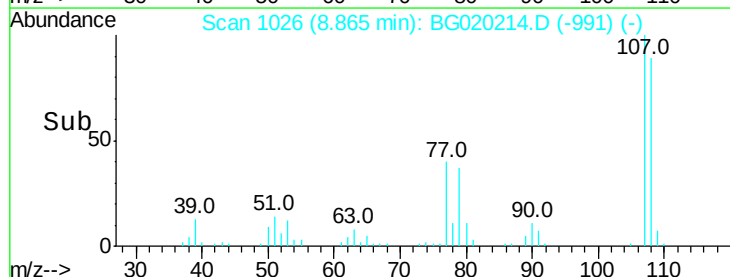
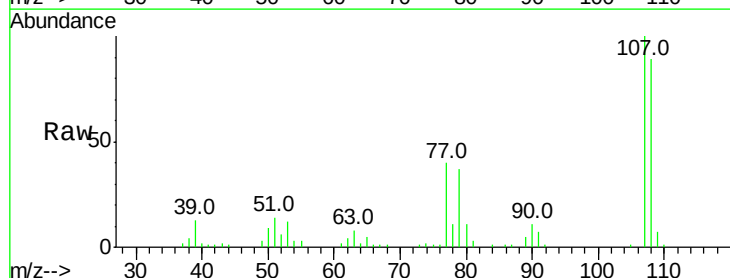
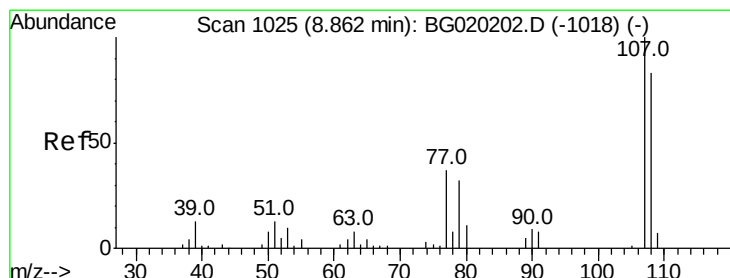
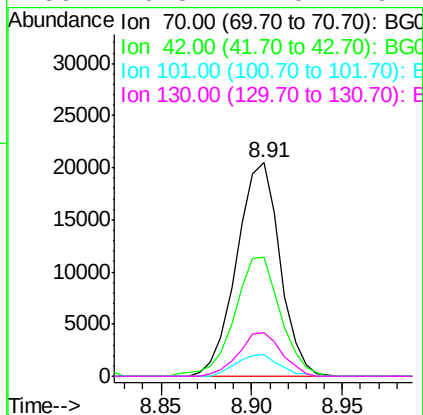




#15  
N-Nitroso-di-n-propylamine  
Concen: 20.41 ng/ul  
RT: 8.91 min Scan# 1033  
Delta R.T. 0.00 min  
Lab File: BG020214.D  
Acq: 16 Dec 2015 7:10

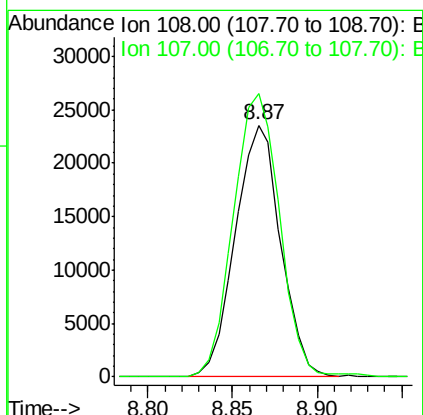
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02038

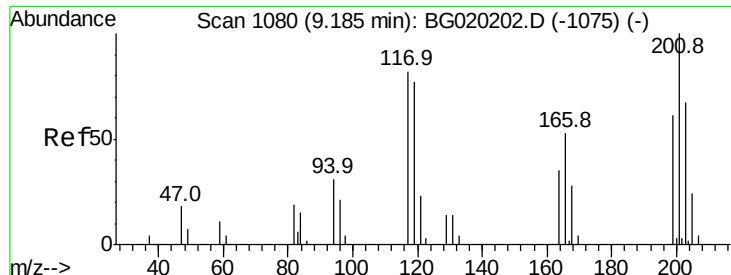
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 70    | Resp: | 34096 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 56.0  | 44.3  | 66.5  |
| 101      | 10.4  | 7.6   | 11.4  |
| 130      | 20.3  | 17.0  | 25.4  |



#16  
4-Methylphenol  
Concen: 20.56 ng/ul  
RT: 8.87 min Scan# 1026  
Delta R.T. 0.00 min  
Lab File: BG020214.D  
Acq: 16 Dec 2015 7:10

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 108   | Resp: | 43807 |
| Ion      | Ratio | Lower | Upper |
| 108      | 100   |       |       |
| 107      | 112.6 | 88.9  | 133.3 |

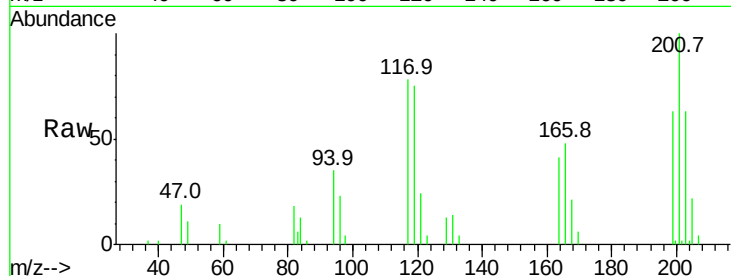




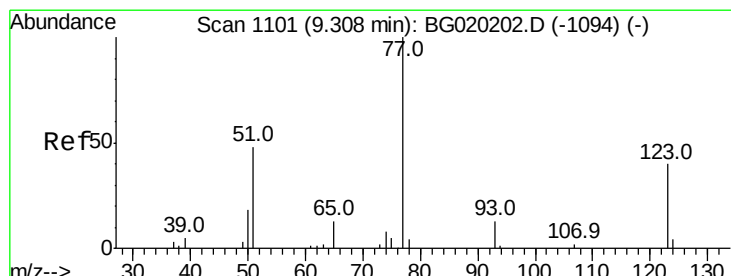
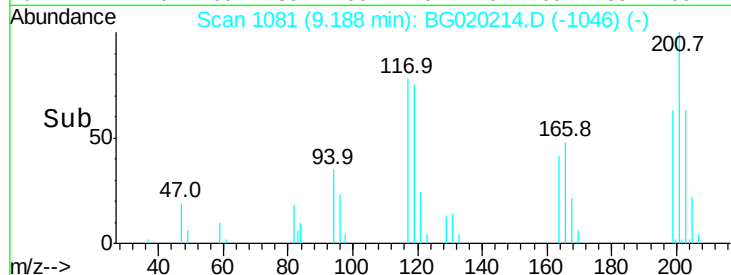
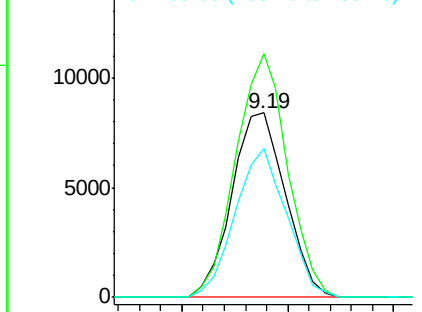
#17  
 Hexachloroethane  
 Concen: 19.60 ng/ul  
 RT: 9.19 min Scan# 1081  
 Delta R.T. 0.00 min  
 Lab File: BG020214.D  
 Acq: 16 Dec 2015 7:10

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02038

Tot Ion: 117 Resp: 14785  
 Ion Ratio Lower Upper  
 117 100  
 201 132.1 102.7 154.1  
 199 80.8 65.8 98.8

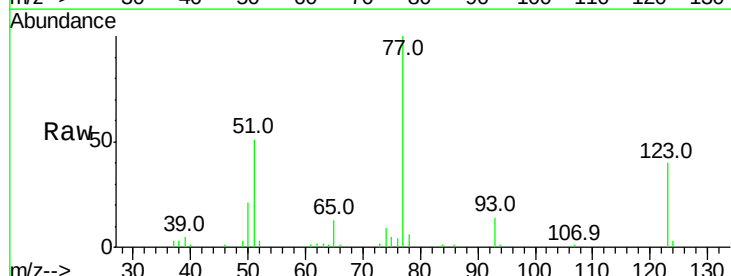


Abundance Ion 117.00 (116.70 to 117.70): E  
 Ion 201.00 (200.70 to 201.70): E  
 Ion 199.00 (198.70 to 199.70): E

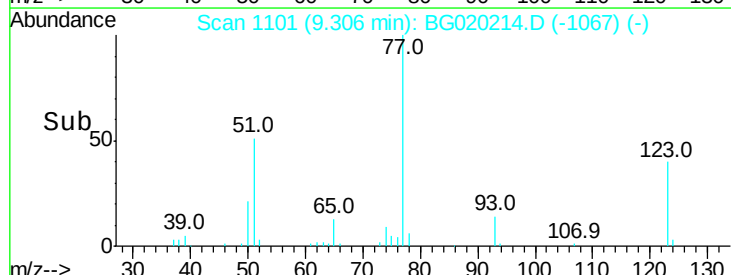
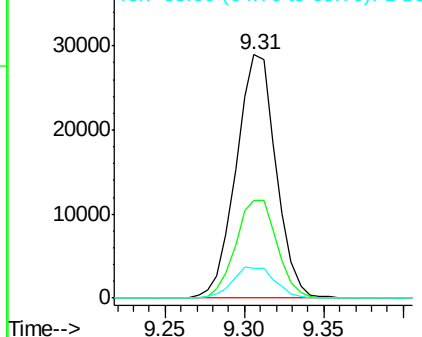


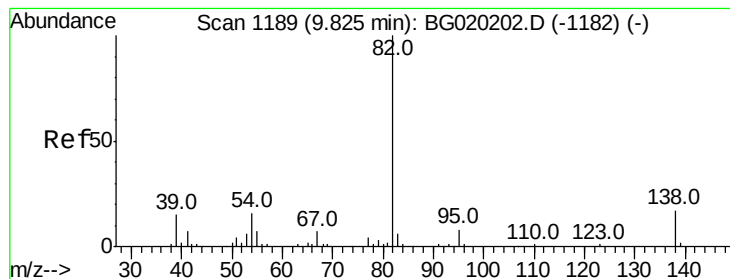
#20  
 Nitrobenzene  
 Concen: 20.46 ng/ul  
 RT: 9.31 min Scan# 1101  
 Delta R.T. -0.00 min  
 Lab File: BG020214.D  
 Acq: 16 Dec 2015 7:10

Tgt Ion: 77 Resp: 50411  
 Ion Ratio Lower Upper  
 77 100  
 123 40.2 33.4 50.0  
 65 12.5 11.7 17.5



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: 20.01 ng/ul

RT: 9.83 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BG020214.D

Acq: 16 Dec 2015 7:10

Instrument :

BNA\_G

ClientSampleId :

SSTD02038

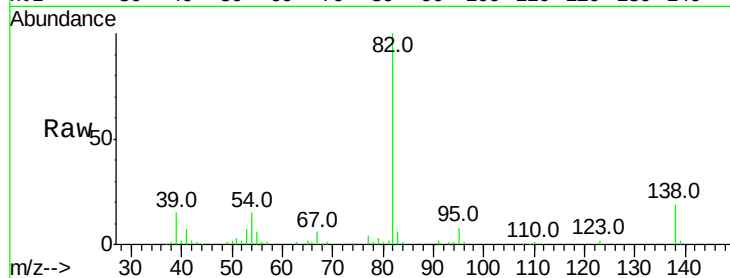
Tot Ion: 82 Resp: 94123

Ion Ratio Lower Upper

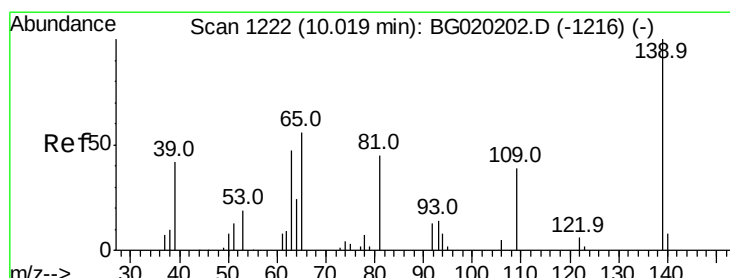
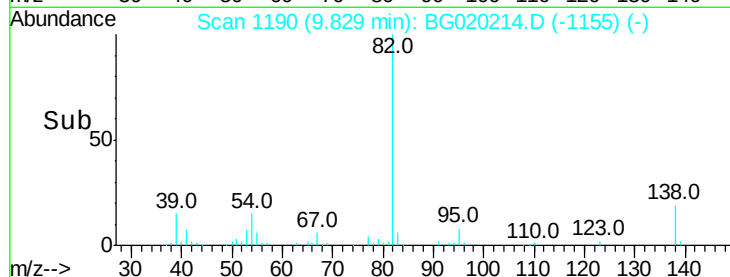
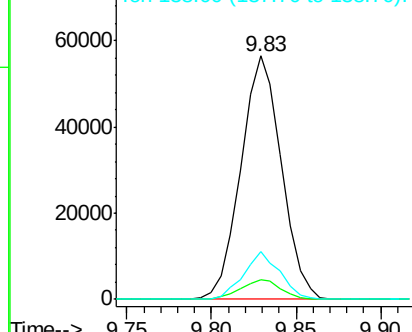
82 100

95 8.0 6.2 9.2

138 19.4 13.4 20.2



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



#23

2-Nitrophenol

Concen: 22.09 ng/ul

RT: 10.02 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BG020214.D

Acq: 16 Dec 2015 7:10

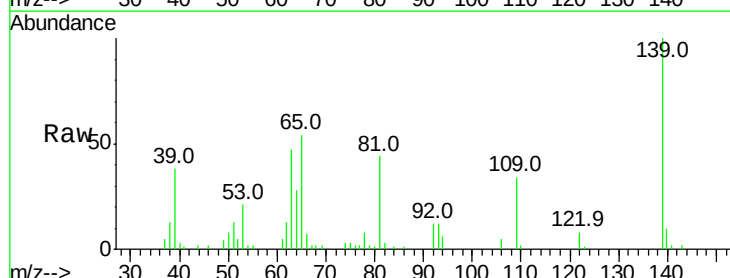
Tgt Ion: 139 Resp: 24510

Ion Ratio Lower Upper

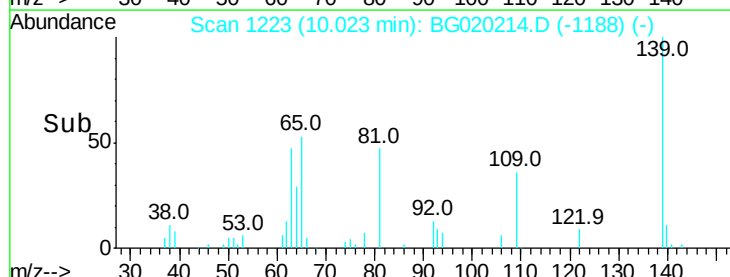
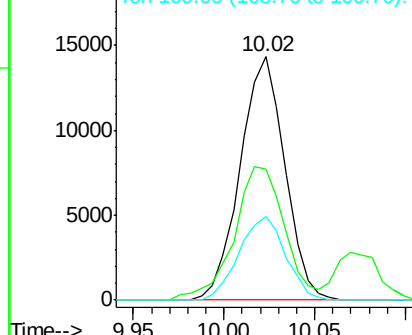
139 100

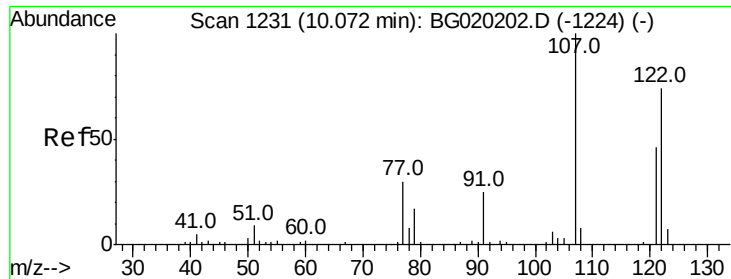
65 53.9 45.1 67.7

109 34.1 29.6 44.4



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

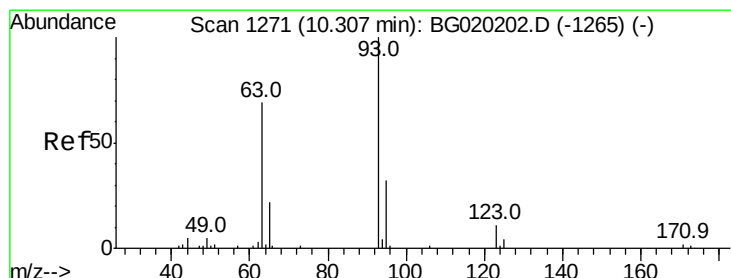
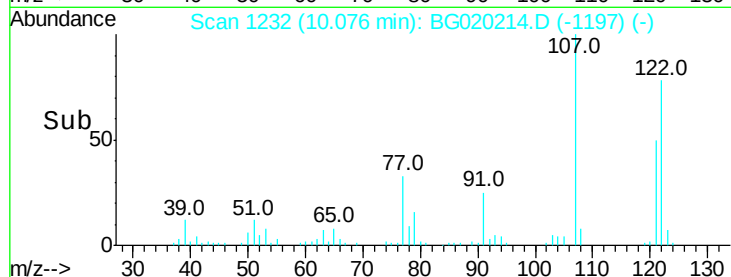
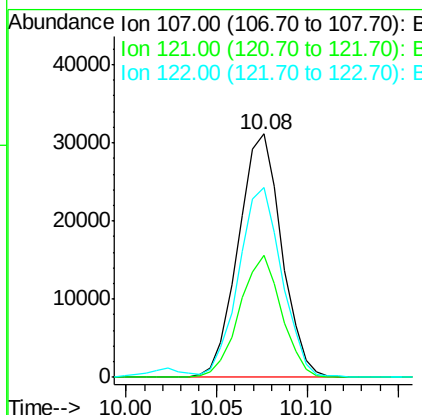
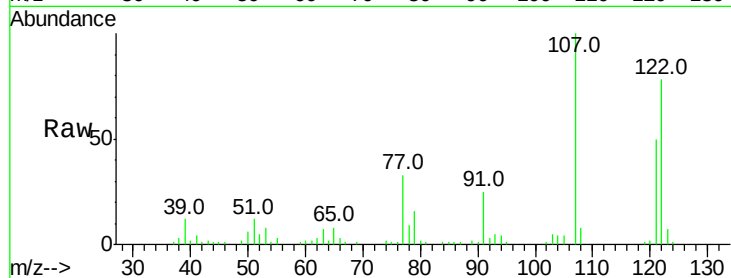




#24  
 2,4-Dimethylphenol  
 Concen: 20.52 ng/ul  
 RT: 10.08 min Scan# 1232  
 Delta R.T. 0.00 min  
 Lab File: BG020214.D  
 Acq: 16 Dec 2015 7:10

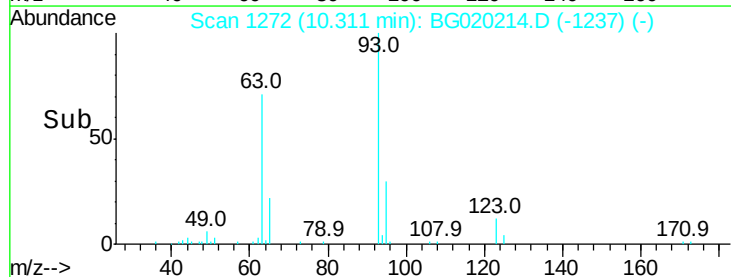
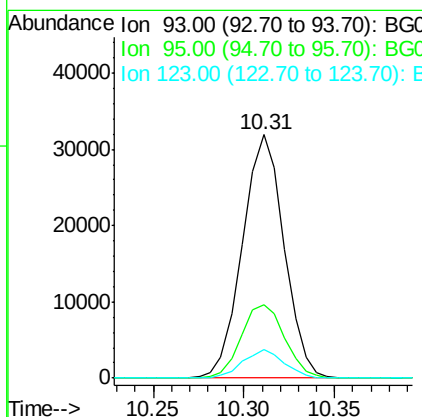
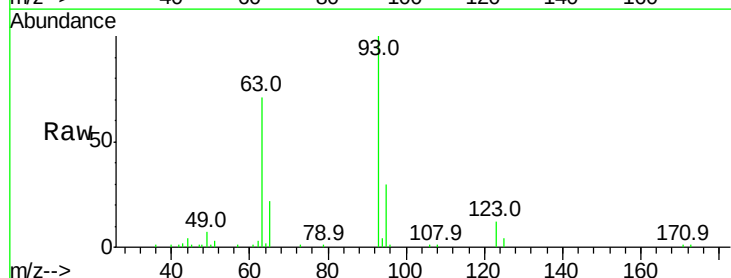
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST02038

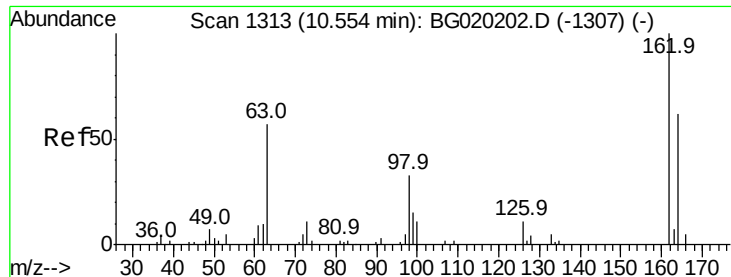
Tot Ion: 107 Resp: 51706  
 Ion Ratio Lower Upper  
 107 100  
 121 50.2 39.0 58.4  
 122 77.9 62.1 93.1



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 19.98 ng/ul  
 RT: 10.31 min Scan# 1272  
 Delta R.T. 0.00 min  
 Lab File: BG020214.D  
 Acq: 16 Dec 2015 7:10

Tgt Ion: 93 Resp: 50916  
 Ion Ratio Lower Upper  
 93 100  
 95 30.2 27.4 41.2  
 123 11.8 9.4 14.0

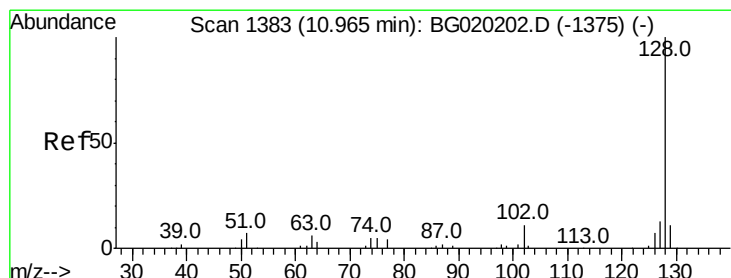
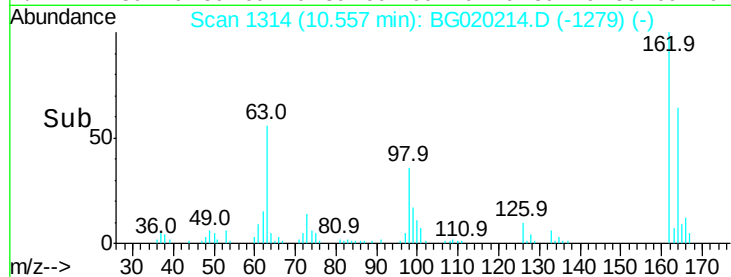
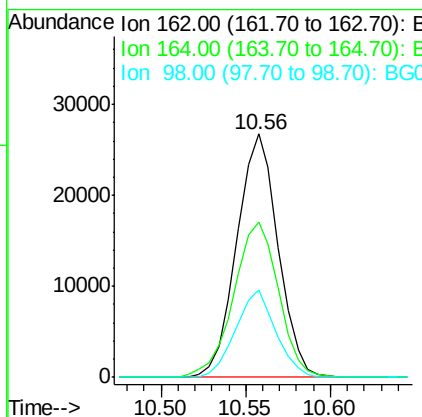
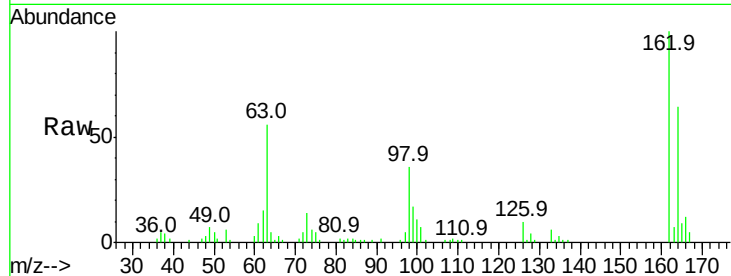




#27  
 2,4-Dichlorophenol  
 Concen: 21.13 ng/ul  
 RT: 10.56 min Scan# 1314  
 Delta R.T. 0.00 min  
 Lab File: BG020214.D  
 Acq: 16 Dec 2015 7:10

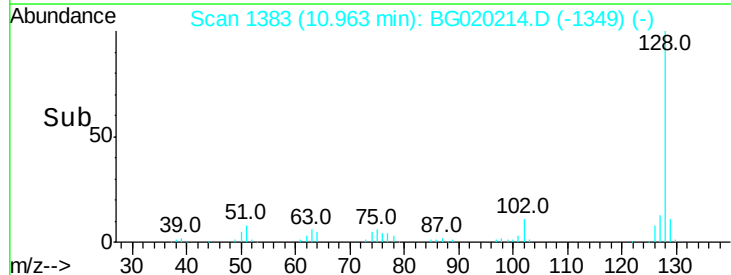
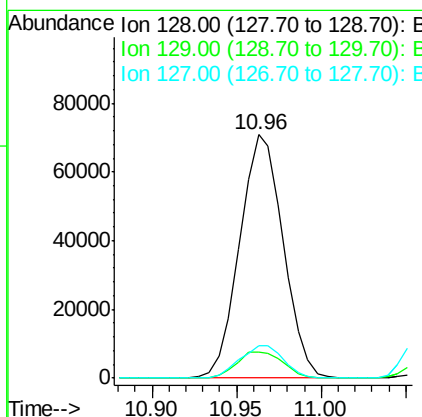
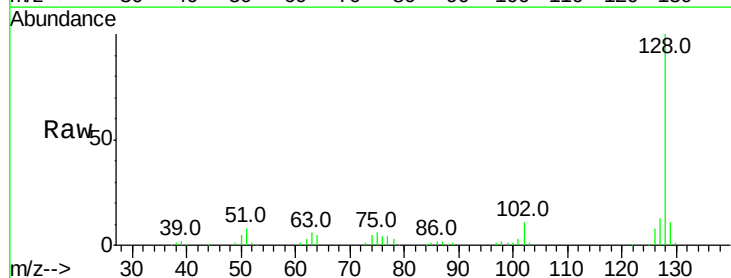
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02038

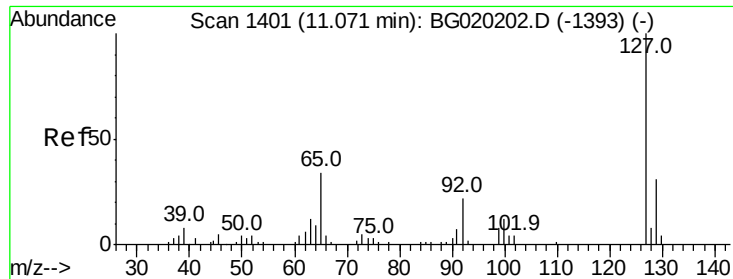
Tot Ion:162 Resp: 45490  
 Ion Ratio Lower Upper  
 162 100  
 164 63.5 48.2 72.2  
 98 36.2 27.2 40.8



#28  
 Naphthalene  
 Concen: 20.36 ng/ul  
 RT: 10.96 min Scan# 1383  
 Delta R.T. -0.00 min  
 Lab File: BG020214.D  
 Acq: 16 Dec 2015 7:10

Tgt Ion:128 Resp: 126813  
 Ion Ratio Lower Upper  
 128 100  
 129 10.6 8.6 12.8  
 127 13.4 10.1 15.1

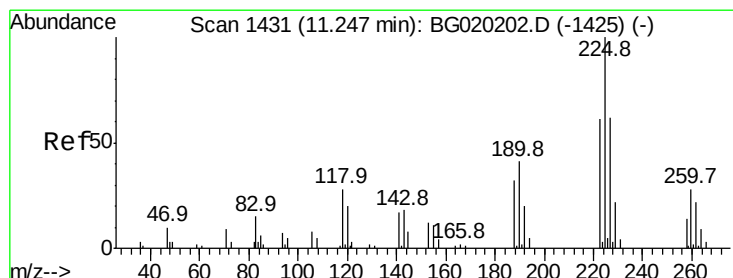
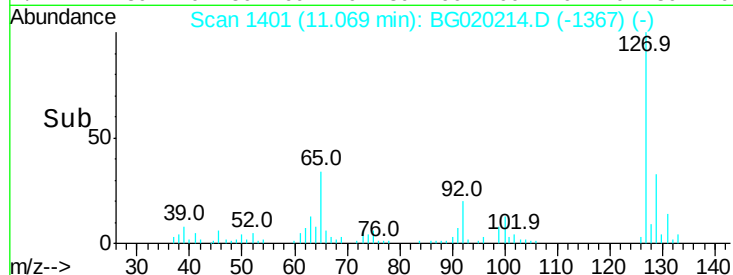
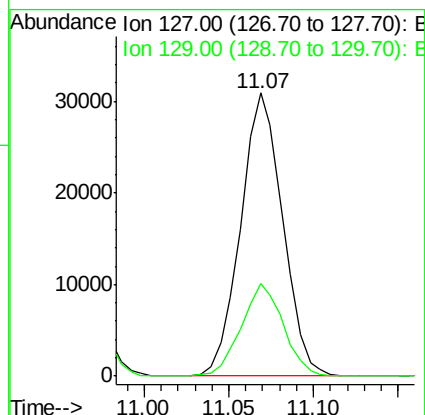
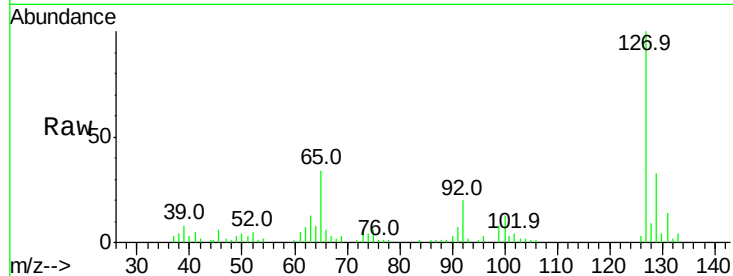




#30  
4-Chloroaniline  
Concen: 22.18 ng/ul  
RT: 11.07 min Scan# 1401  
Delta R.T. -0.00 min  
Lab File: BG020214.D  
Acq: 16 Dec 2015 7:10

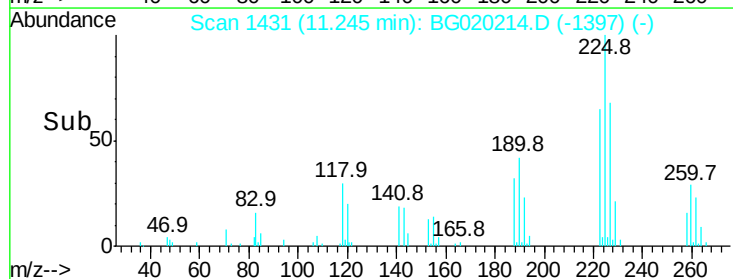
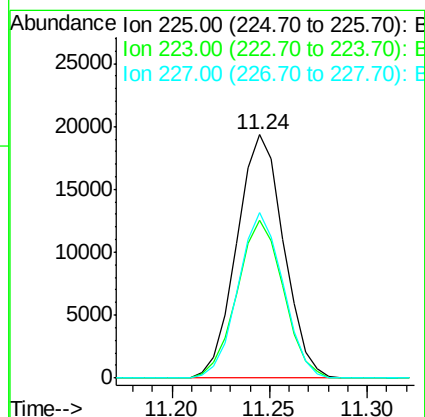
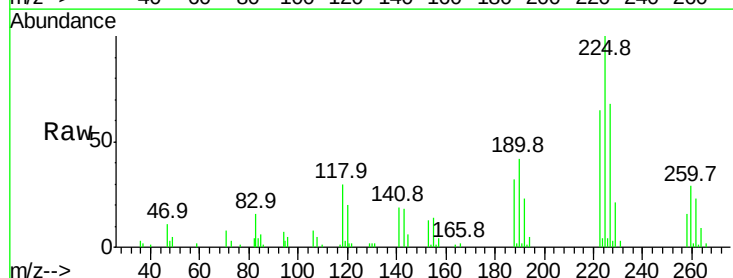
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02038

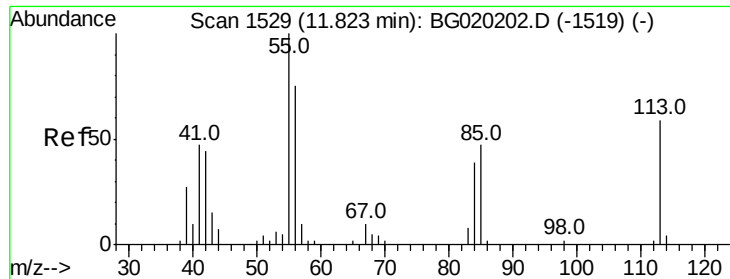
Tot Ion:127 Resp: 53314  
Ion Ratio Lower Upper  
127 100  
129 32.7 25.7 38.5



#31  
Hexachlorobutadiene  
Concen: 20.04 ng/ul  
RT: 11.24 min Scan# 1431  
Delta R.T. -0.00 min  
Lab File: BG020214.D  
Acq: 16 Dec 2015 7:10

Tgt Ion:225 Resp: 32153  
Ion Ratio Lower Upper  
225 100  
223 64.8 47.0 70.6  
227 70.8 49.7 74.5





#32

Caprolactam

Concen: 17.37 ng/ul

RT: 11.83 min Scan# 1531

Delta R.T. 0.01 min

Lab File: BG020214.D

Acq: 16 Dec 2015 7:10

Instrument :

BNA\_G

ClientSampleId :

SSTD02038

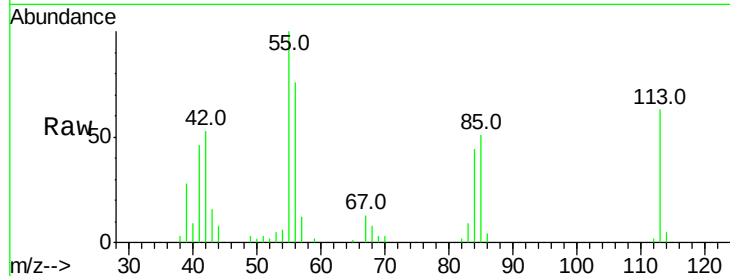
Tot Ion:113 Resp: 13199

Ion Ratio Lower Upper

113 100

55 158.4 132.1 198.1

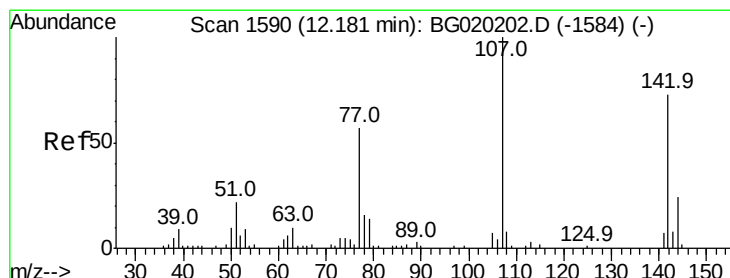
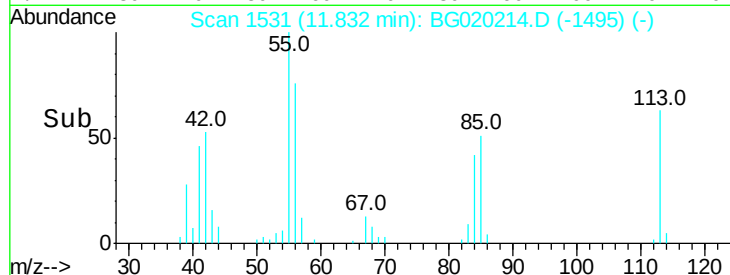
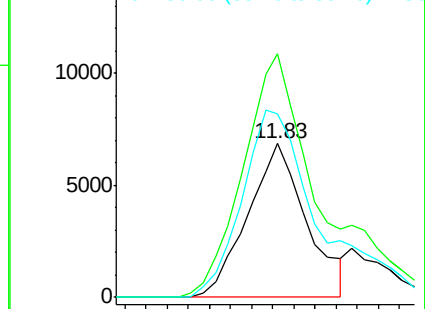
56 119.7 103.3 154.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#33

4-Chloro-3-methylphenol

Concen: 21.16 ng/ul

RT: 12.18 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BG020214.D

Acq: 16 Dec 2015 7:10

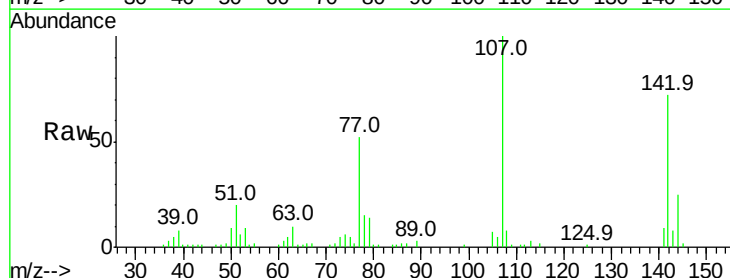
Tgt Ion:107 Resp: 54137

Ion Ratio Lower Upper

107 100

144 24.6 18.7 28.1

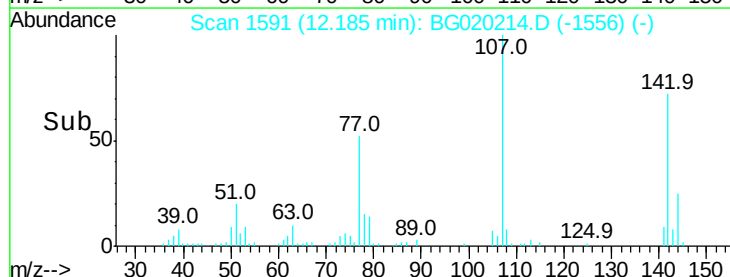
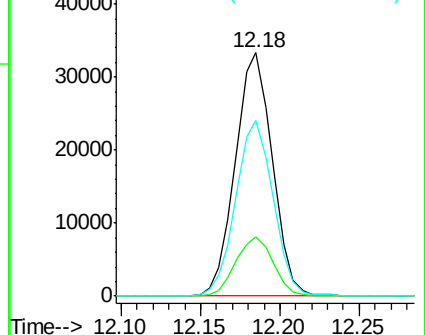
142 72.4 52.8 79.2

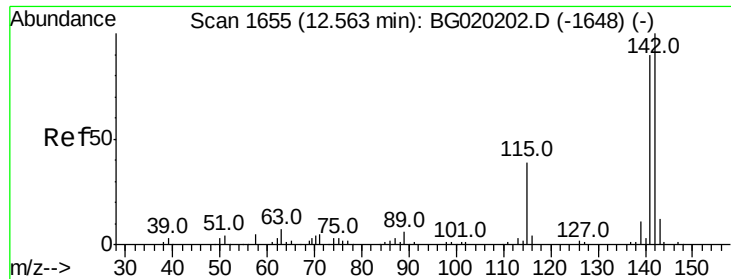


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

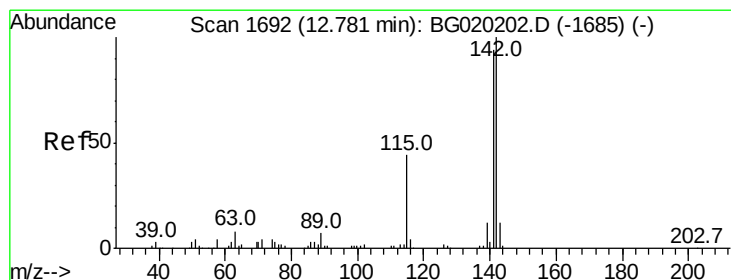
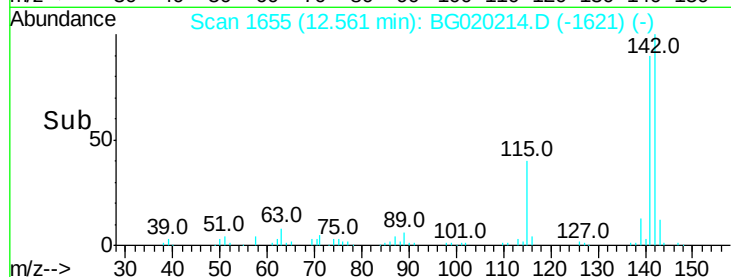
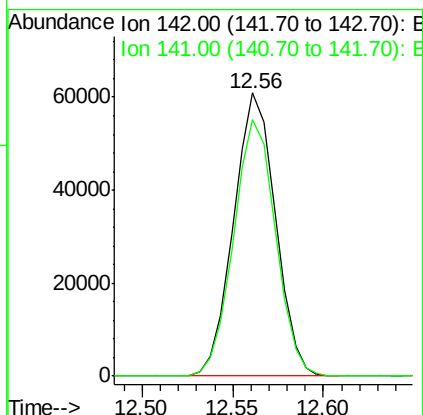
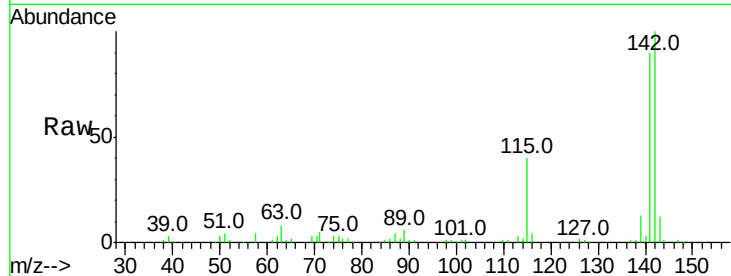




#34  
2-Methylnaphthalene  
Concen: 20.54 ng/ul  
RT: 12.56 min Scan# 1655  
Delta R.T. -0.00 min  
Lab File: BG020214.D  
Acq: 16 Dec 2015 7:10

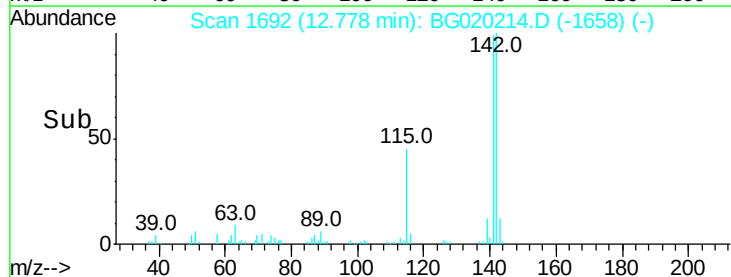
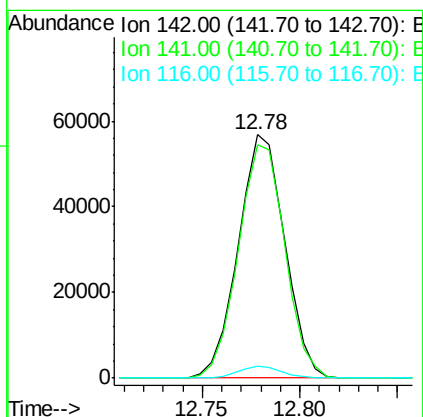
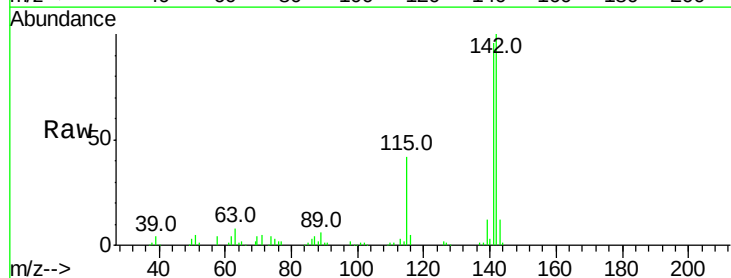
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02038

Tot Ion:142 Resp: 97730  
Ion Ratio Lower Upper  
142 100  
141 90.4 74.9 112.3

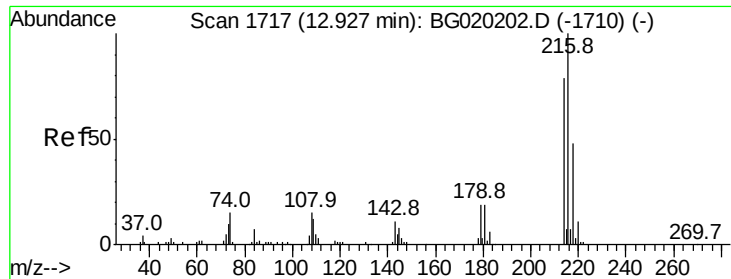


#35  
1-Methylnaphthalene  
Concen: 20.47 ng/ul  
RT: 12.78 min Scan# 1692  
Delta R.T. -0.00 min  
Lab File: BG020214.D  
Acq: 16 Dec 2015 7:10

Tgt Ion:142 Resp: 93649  
Ion Ratio Lower Upper  
142 100  
141 96.1 73.0 109.6  
116 4.7 3.0 4.6#



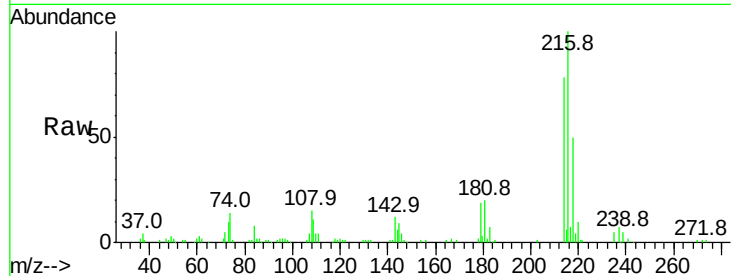




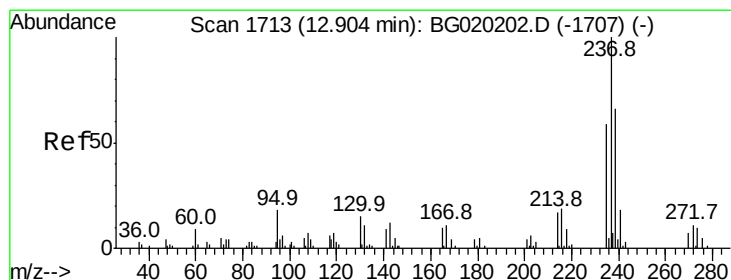
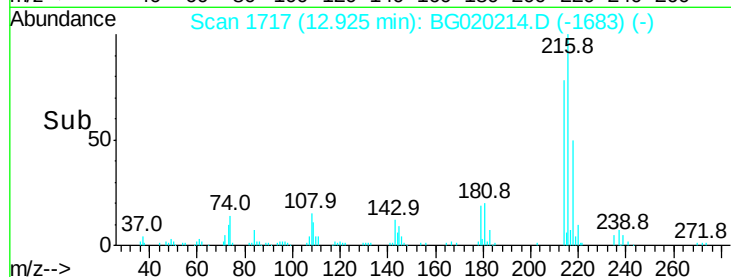
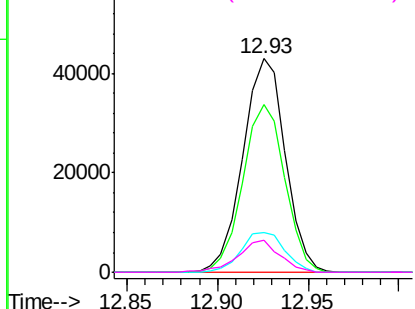
#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 20.75 ng/ul  
 RT: 12.93 min Scan# 1717  
 Delta R.T. -0.00 min  
 Lab File: BG020214.D  
 Acq: 16 Dec 2015 7:10

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02038

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 216   | Resp: | 69821 |
| Ion      | Ratio | Lower | Upper |
| 216      | 100   |       |       |
| 214      | 78.4  | 62.6  | 93.8  |
| 179      | 18.9  | 14.7  | 22.1  |
| 108      | 14.7  | 10.5  | 15.7  |

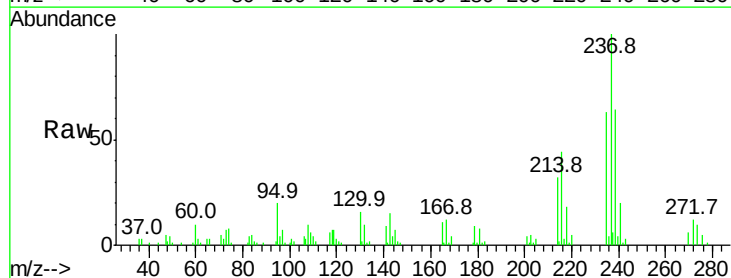


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

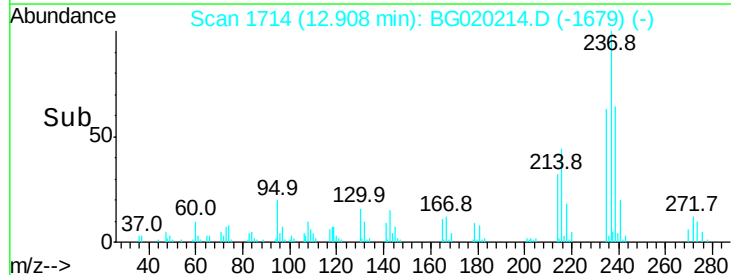
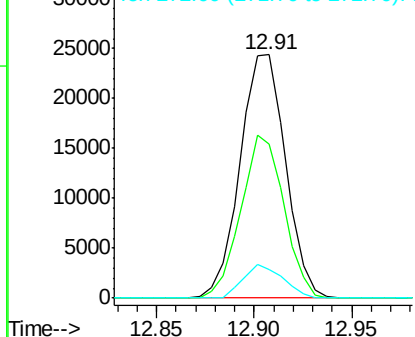


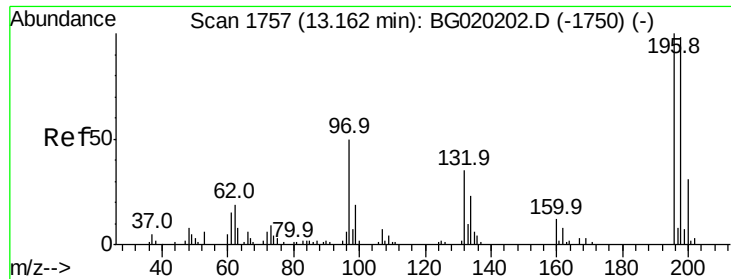
#38  
 Hexachlorocyclopentadiene  
 Concen: 18.94 ng/ul  
 RT: 12.91 min Scan# 1714  
 Delta R.T. 0.00 min  
 Lab File: BG020214.D  
 Acq: 16 Dec 2015 7:10

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 39406 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 59.6  | 50.2  | 75.4  |
| 272      | 10.9  | 10.3  | 15.5  |



Abundance Ion 237.00 (236.70 to 237.70): E  
 Ion 235.00 (234.70 to 235.70): E  
 Ion 272.00 (271.70 to 272.70): E

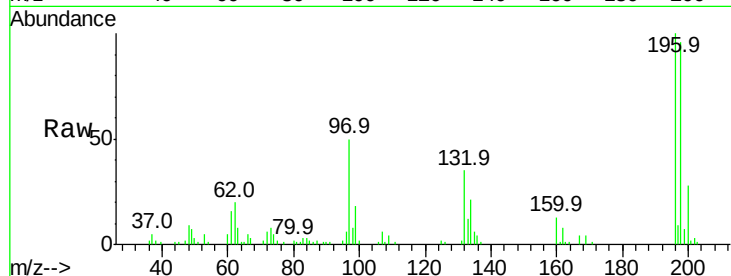




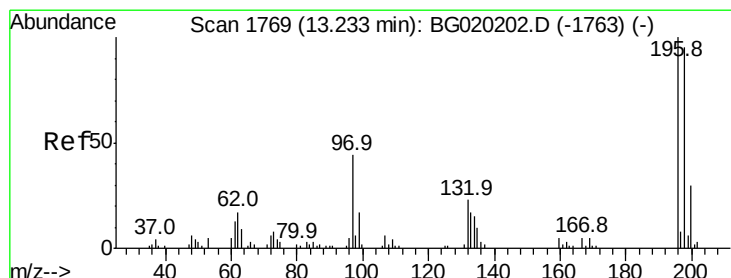
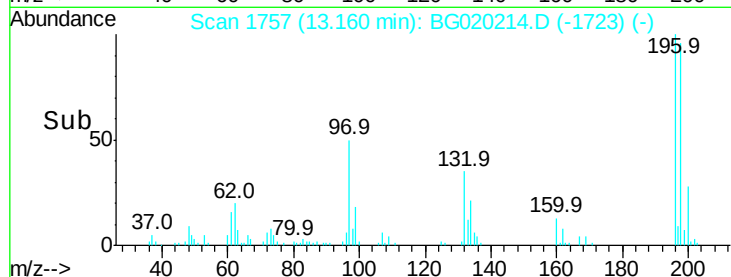
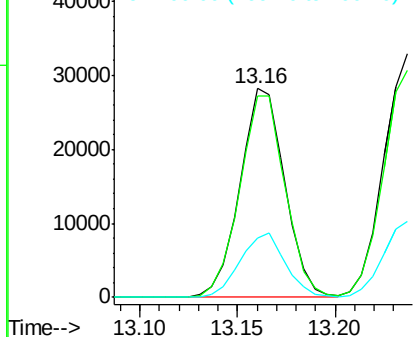
#39  
 2,4,6-Trichlorophenol  
 Concen: 20.75 ng/ul  
 RT: 13.16 min Scan# 1757  
 Delta R.T. -0.00 min  
 Lab File: BG020214.D  
 Acq: 16 Dec 2015 7:10

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02038

Tot Ion:196 Resp: 44774  
 Ion Ratio Lower Upper  
 196 100  
 198 96.3 75.9 113.9  
 200 28.1 25.8 38.8

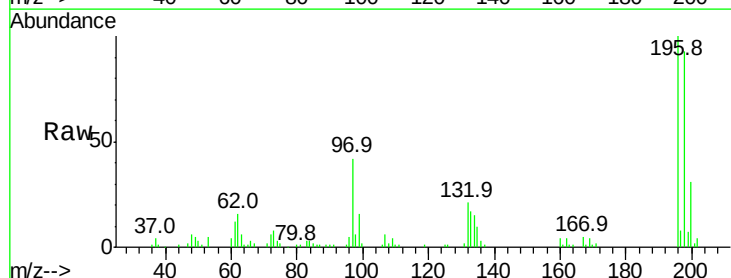


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

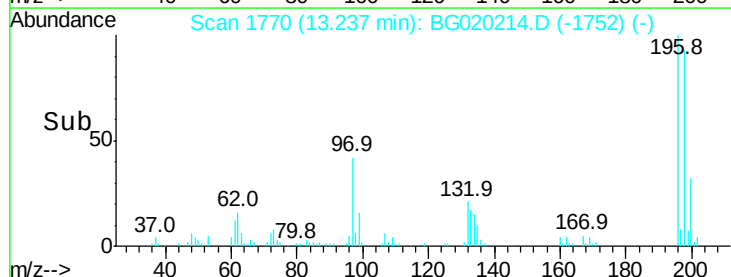
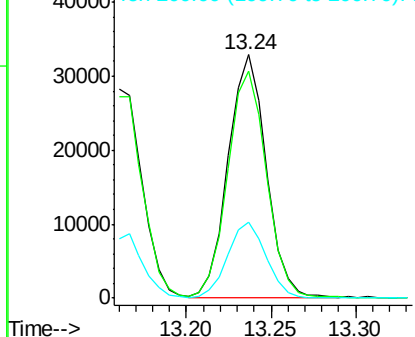


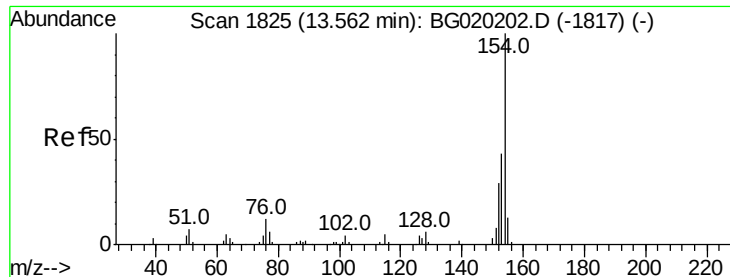
#40  
 2,4,5-Trichlorophenol  
 Concen: 21.56 ng/ul  
 RT: 13.24 min Scan# 1770  
 Delta R.T. 0.00 min  
 Lab File: BG020214.D  
 Acq: 16 Dec 2015 7:10

Tgt Ion:196 Resp: 51719  
 Ion Ratio Lower Upper  
 196 100  
 198 93.1 74.4 111.6  
 200 31.3 23.8 35.8



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

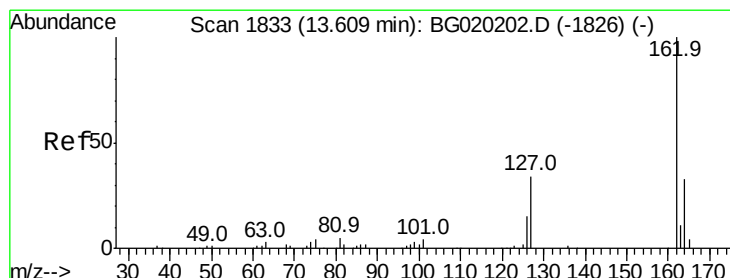
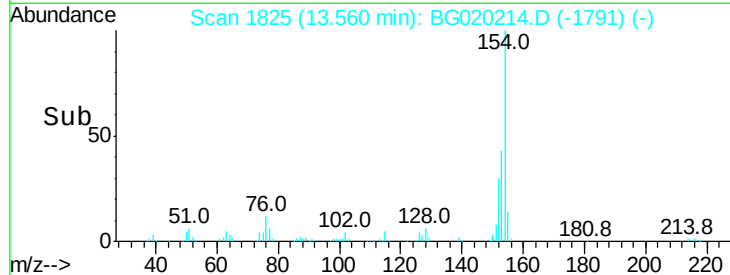
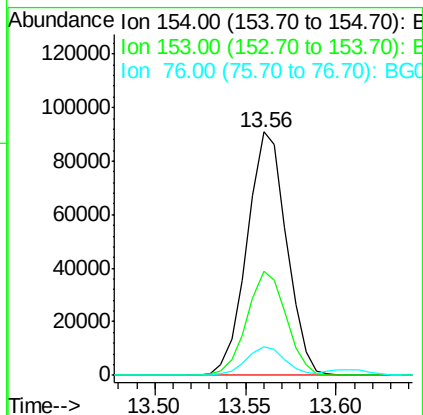
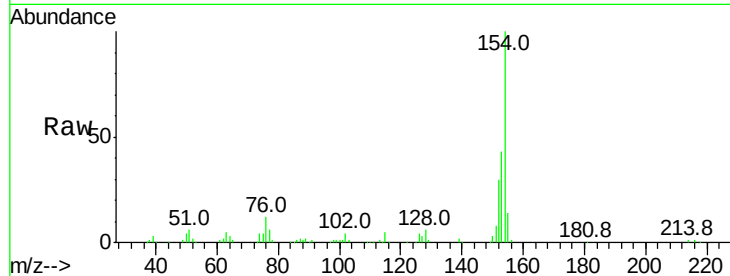




#41  
 1,1'-Biphenyl  
 Concen: 20.37 ng/ul  
 RT: 13.56 min Scan# 1825  
 Delta R.T. -0.00 min  
 Lab File: BG020214.D  
 Acq: 16 Dec 2015 7:10

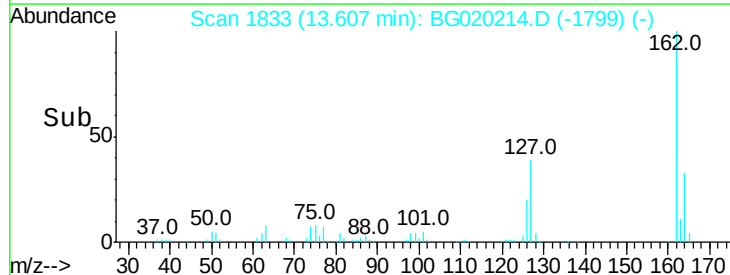
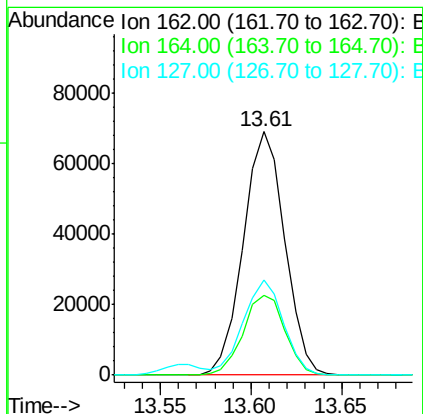
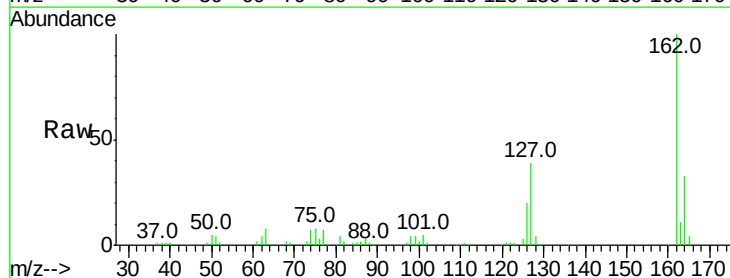
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02038

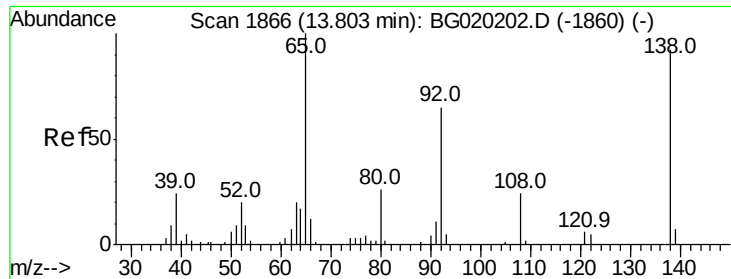
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.7  | 35.5  | 53.3  |
| 76      | 12.0  | 10.4  | 15.6  |



#42  
 2-Chloronaphthalene  
 Concen: 20.28 ng/ul  
 RT: 13.61 min Scan# 1833  
 Delta R.T. -0.00 min  
 Lab File: BG020214.D  
 Acq: 16 Dec 2015 7:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 32.6  | 25.0  | 37.6  |
| 127     | 39.1  | 29.9  | 44.9  |

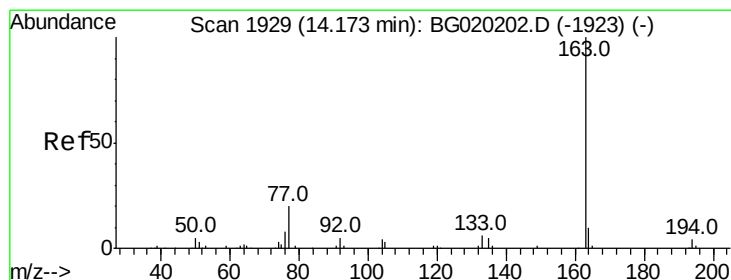
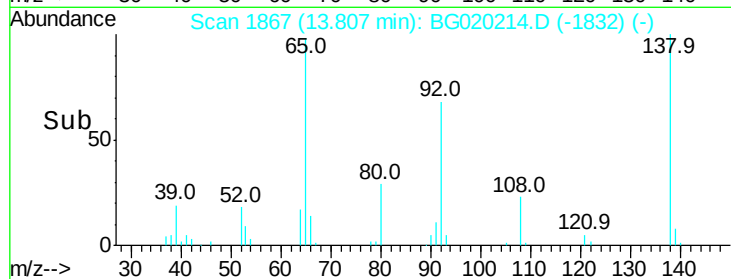
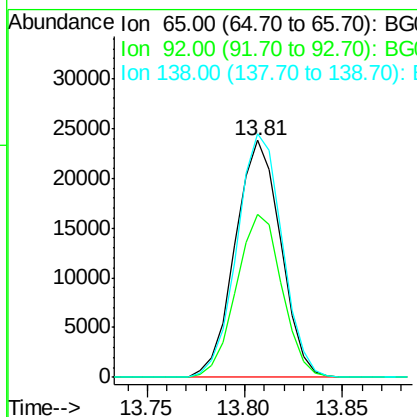
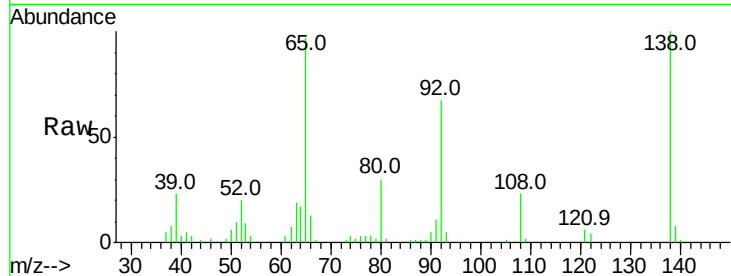




#43  
2-Nitroaniline  
Concen: 20.87 ng/ul  
RT: 13.81 min Scan# 1867  
Delta R.T. 0.00 min  
Lab File: BG020214.D  
Acq: 16 Dec 2015 7:10

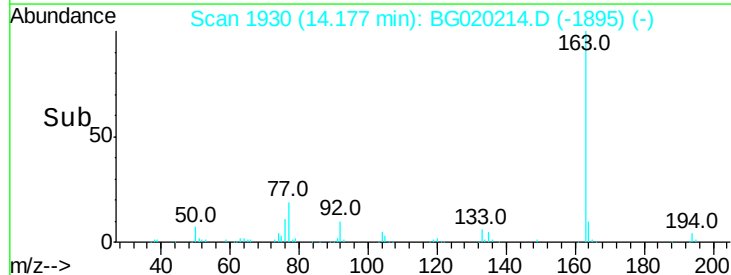
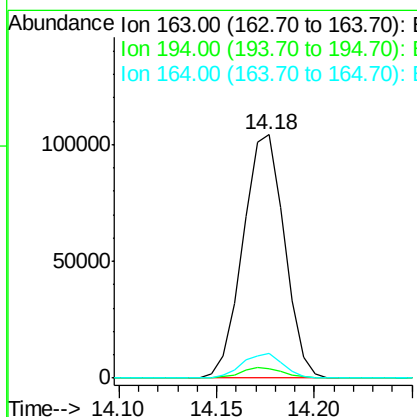
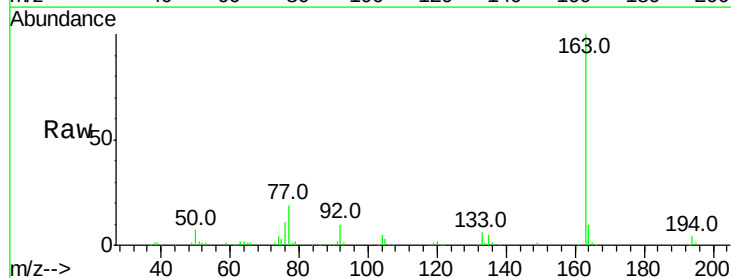
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02038

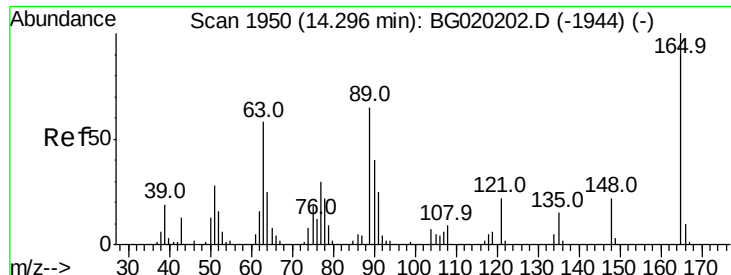
Tot Ion: 65 Resp: 38427  
Ion Ratio Lower Upper  
65 100  
92 69.1 53.1 79.7  
138 102.8 76.6 114.8



#45  
Dimethylphthalate  
Concen: 20.74 ng/ul  
RT: 14.18 min Scan# 1930  
Delta R.T. 0.00 min  
Lab File: BG020214.D  
Acq: 16 Dec 2015 7:10

Tgt Ion:163 Resp: 153638  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.5 5.3  
164 10.2 7.7 11.5

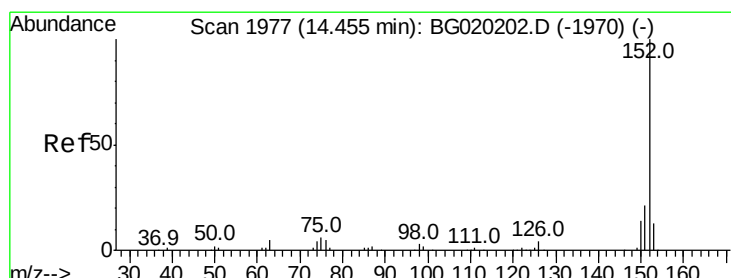
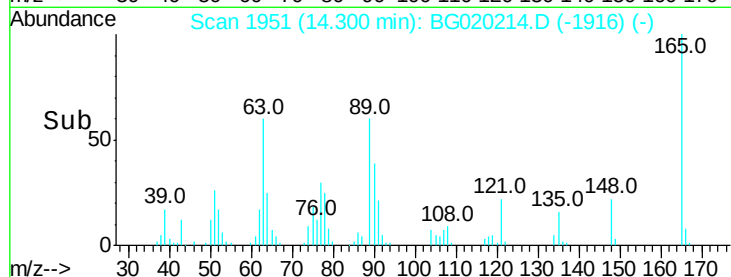
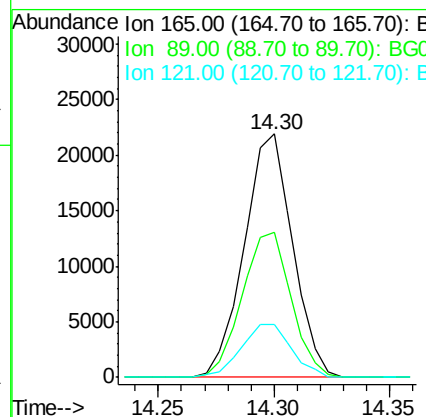
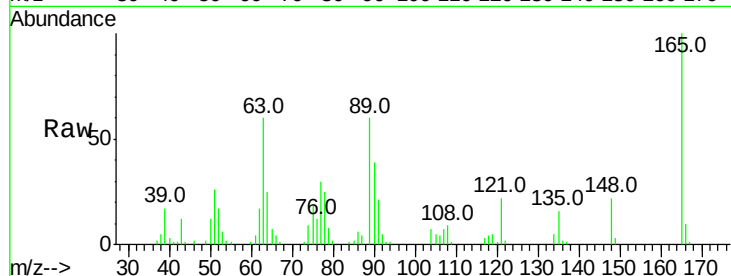




#46  
 2,6-Dinitrotoluene  
 Concen: 20.88 ng/ul  
 RT: 14.30 min Scan# 1951  
 Delta R.T. 0.00 min  
 Lab File: BG020214.D  
 Acq: 16 Dec 2015 7:10

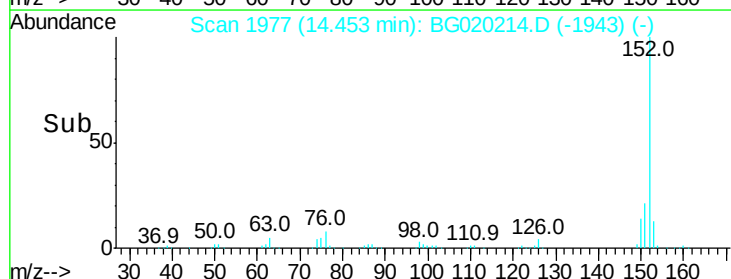
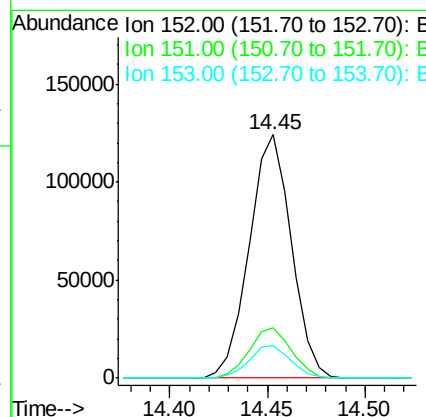
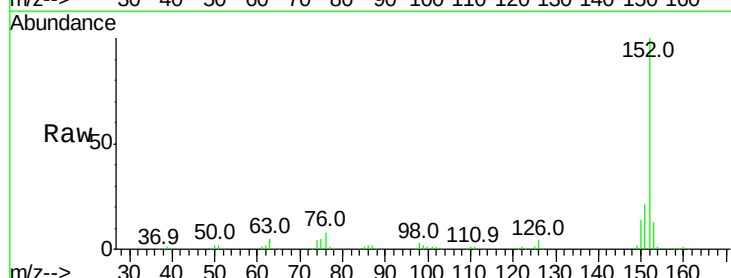
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02038

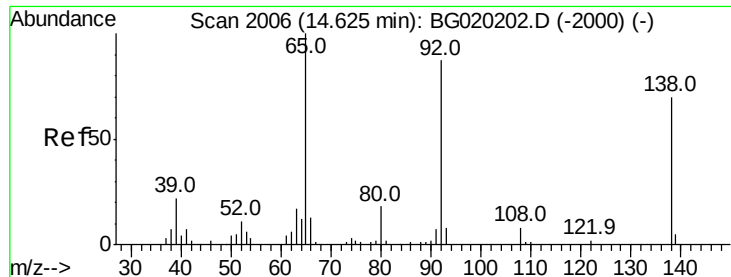
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 89      | 59.6  | 47.0  | 70.4  |
| 121     | 22.0  | 17.0  | 25.6  |



#48  
 Acenaphthylene  
 Concen: 20.65 ng/ul  
 RT: 14.45 min Scan# 1977  
 Delta R.T. -0.00 min  
 Lab File: BG020214.D  
 Acq: 16 Dec 2015 7:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.5  | 16.4  | 24.6  |
| 153     | 13.1  | 10.4  | 15.6  |

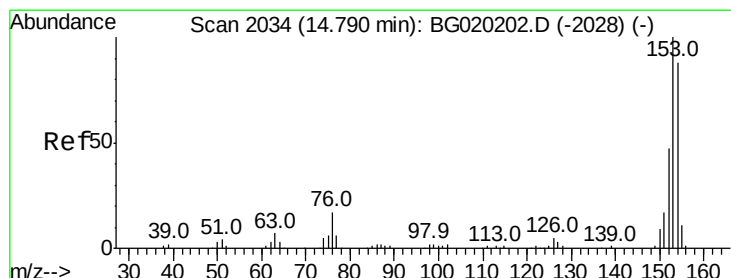
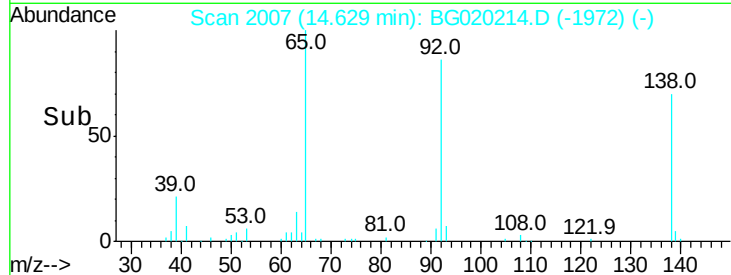
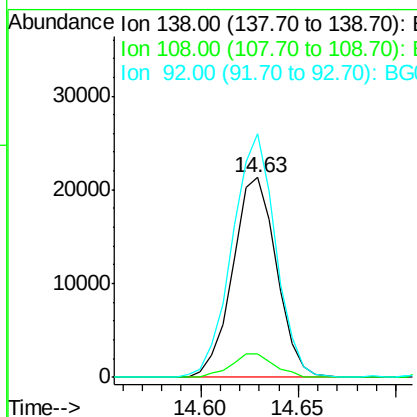
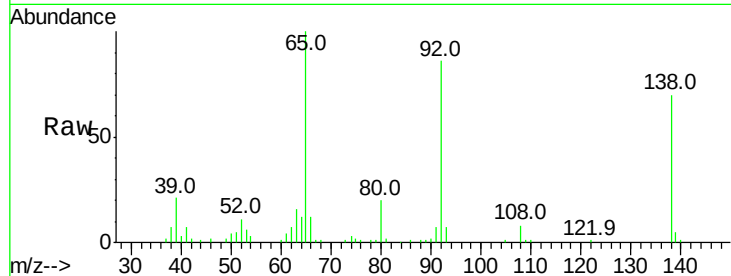




#49  
**3-Nitroaniline**  
 Concen: 22.30 ng/ul  
 RT: 14.63 min Scan# 2007  
 Delta R.T. 0.00 min  
 Lab File: BG020214.D  
 Acq: 16 Dec 2015 7:10

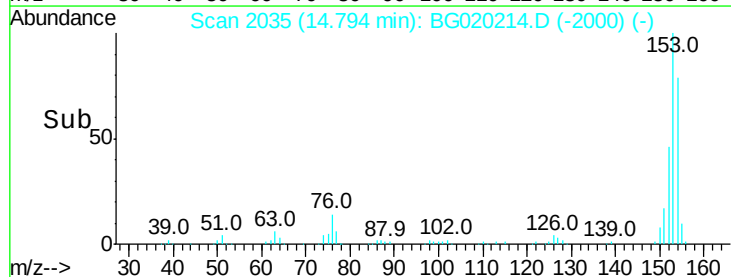
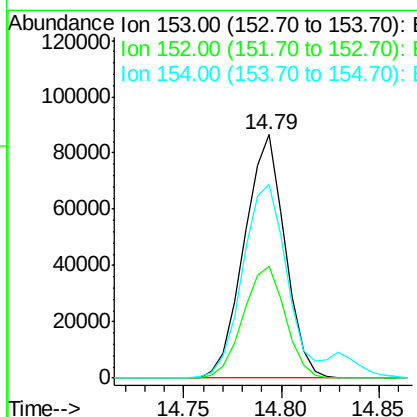
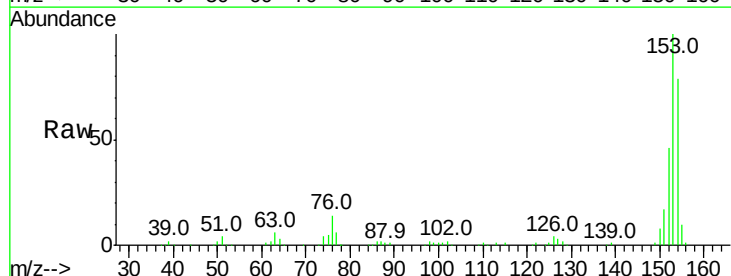
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02038

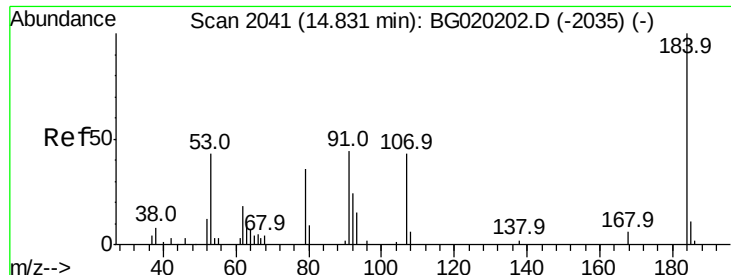
|             |       |       |       |
|-------------|-------|-------|-------|
| Tot Ion:138 | Resp: | 33176 |       |
| Ion Ratio   | Lower | Upper |       |
| 138         | 100   |       |       |
| 108         | 11.9  | 9.1   | 13.7  |
| 92          | 121.8 | 103.2 | 154.8 |



#50  
**Acenaphthene**  
 Concen: 20.68 ng/ul  
 RT: 14.79 min Scan# 2035  
 Delta R.T. 0.00 min  
 Lab File: BG020214.D  
 Acq: 16 Dec 2015 7:10

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:153 | Resp: | 124745 |
| Ion | Ratio   | Lower | Upper  |
| 153 | 100     |       |        |
| 152 | 45.8    | 37.6  | 56.4   |
| 154 | 79.4    | 67.9  | 101.9  |

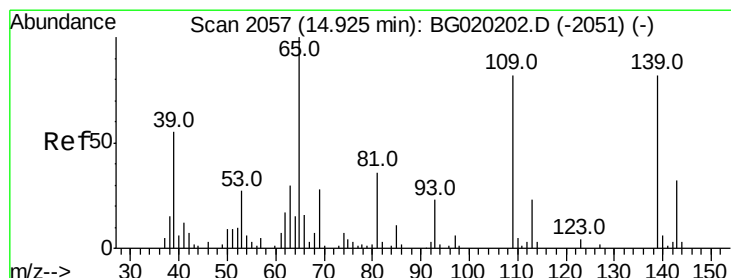
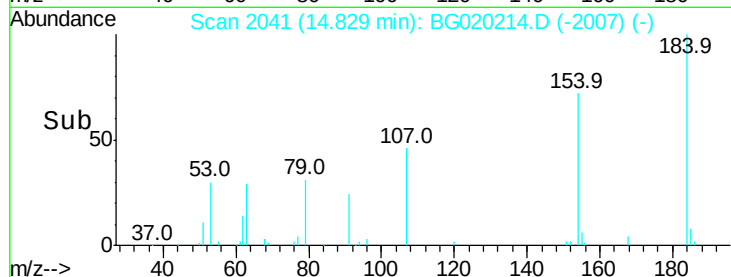
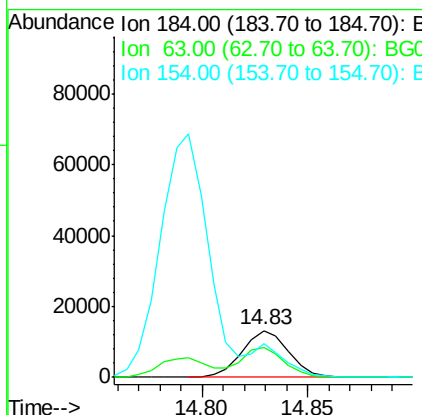
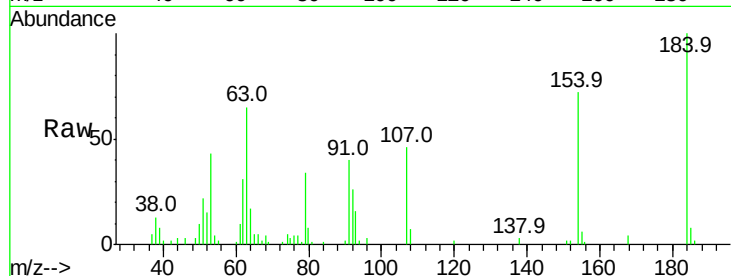




#51  
 2,4-Dinitrophenol  
 Concen: 22.97 ng/ul  
 RT: 14.83 min Scan# 2041  
 Delta R.T. -0.00 min  
 Lab File: BG020214.D  
 Acq: 16 Dec 2015 7:10

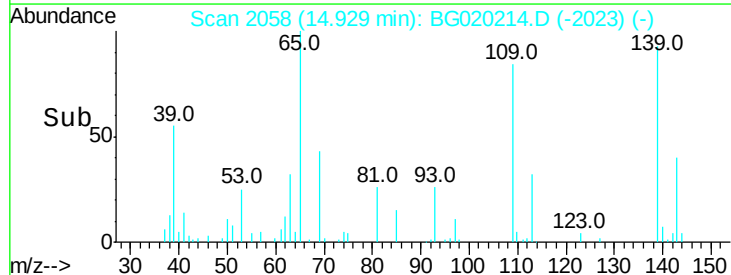
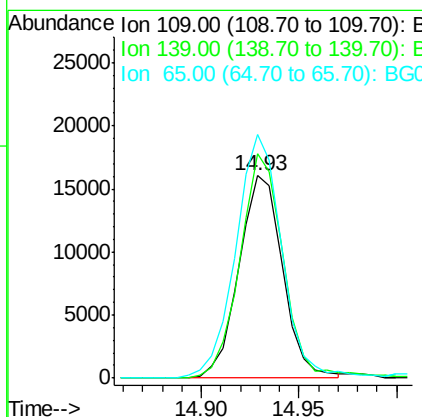
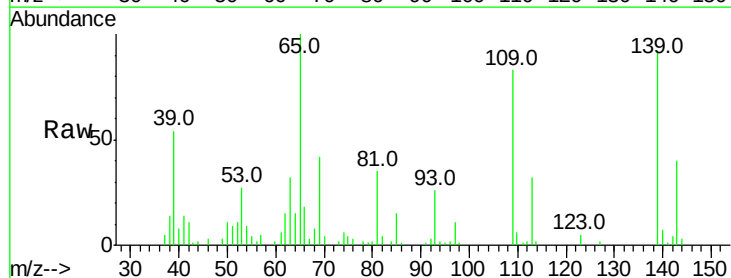
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02038

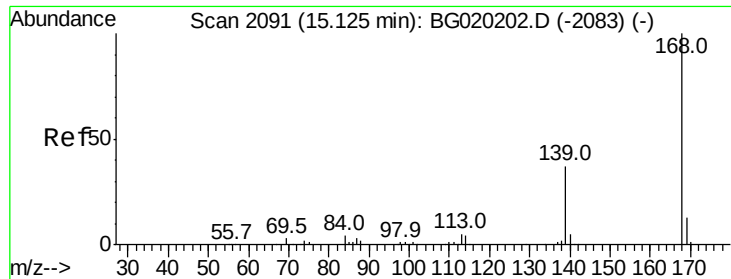
Tot Ion:184 Resp: 20027  
 Ion Ratio Lower Upper  
 184 100  
 63 65.0 49.8 74.6  
 154 71.8 50.0 75.0



#53  
 4-Nitrophenol  
 Concen: 19.93 ng/ul  
 RT: 14.93 min Scan# 2058  
 Delta R.T. 0.00 min  
 Lab File: BG020214.D  
 Acq: 16 Dec 2015 7:10

Tgt Ion:109 Resp: 24931  
 Ion Ratio Lower Upper  
 109 100  
 139 110.6 80.5 120.7  
 65 120.3 93.4 140.2





#54

Dibenzenofuran

Concen: 20.34 ng/ul

RT: 15.12 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BG020214.D

Acq: 16 Dec 2015 7:10

Instrument :

BNA\_G

ClientSampled :

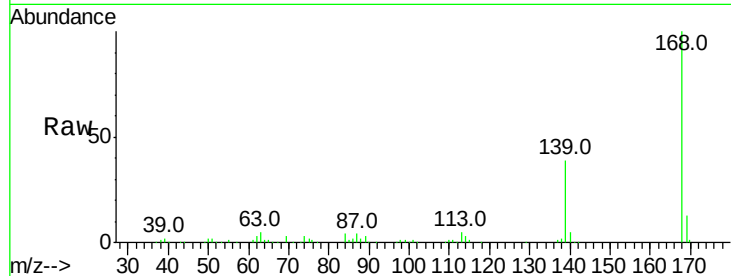
SSTD02038

Tot Ion:168 Resp: 182517

Ion Ratio Lower Upper

168 100

139 39.1 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

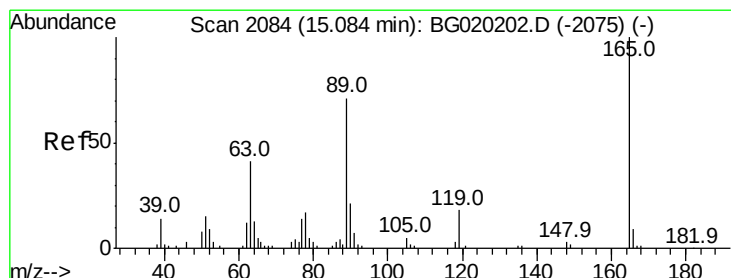
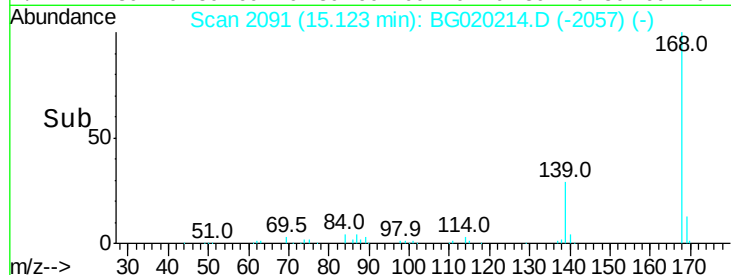
15.12

100000

50000

0

Time--> 15.05 15.10 15.15



#55

2,4-Dinitrotoluene

Concen: 21.85 ng/ul

RT: 15.08 min Scan# 2084

Delta R.T. -0.00 min

Lab File: BG020214.D

Acq: 16 Dec 2015 7:10

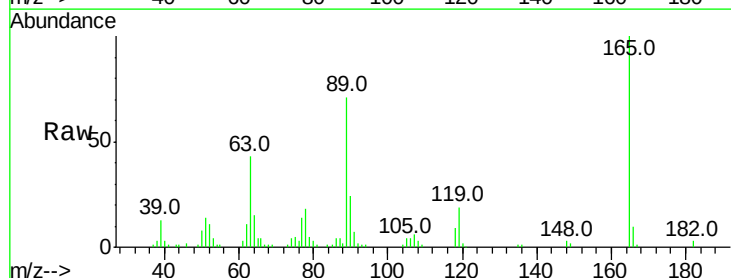
Tgt Ion:165 Resp: 49137

Ion Ratio Lower Upper

165 100

63 42.8 35.8 53.8

182 2.7 2.2 3.2



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

40000

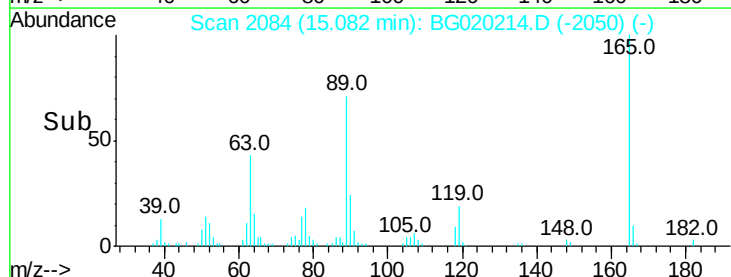
30000

20000

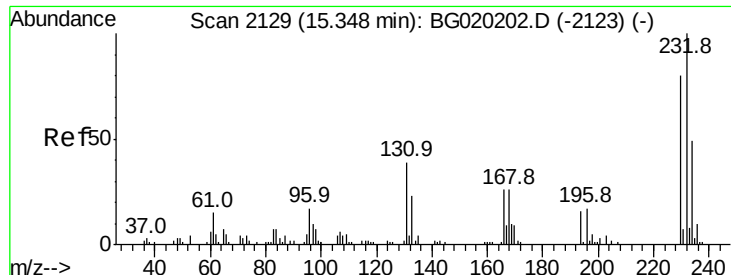
10000

0

Time--> 15.00 15.05 15.10



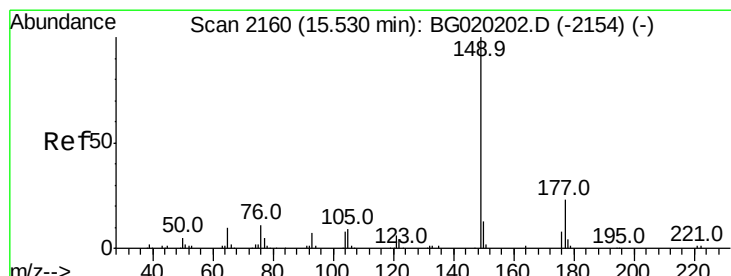
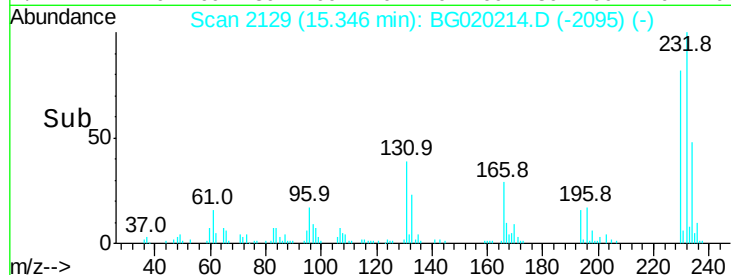
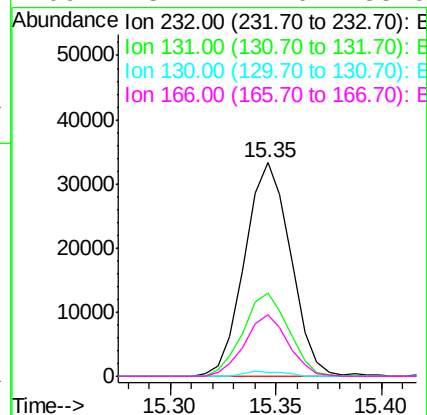
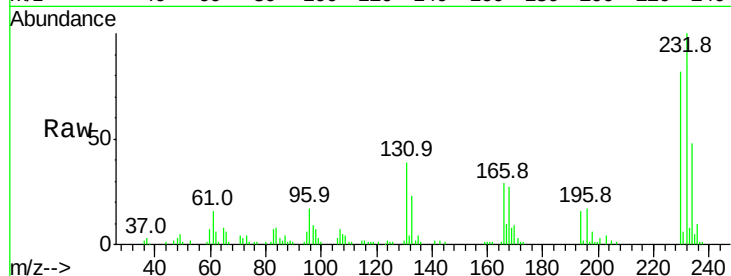




#56  
 2,3,4,6-Tetrachlorophenol  
 Concen: 21.78 ng/ul  
 RT: 15.35 min Scan# 2129  
 Delta R.T. -0.00 min  
 Lab File: BG020214.D  
 Acq: 16 Dec 2015 7:10

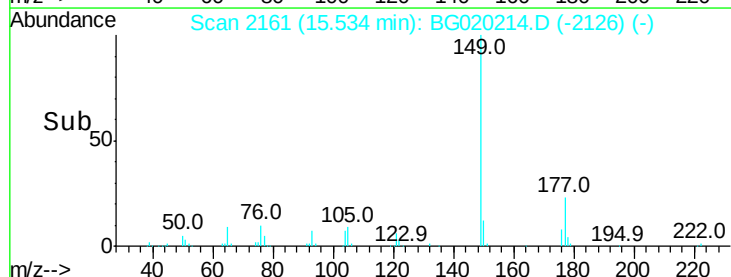
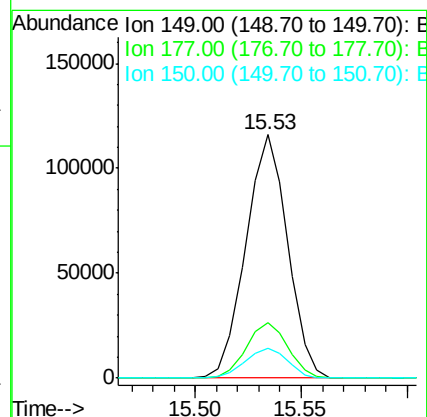
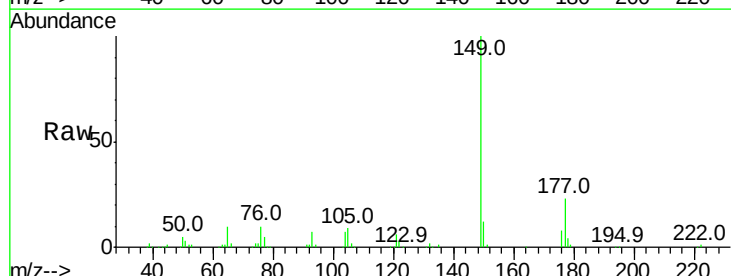
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02038

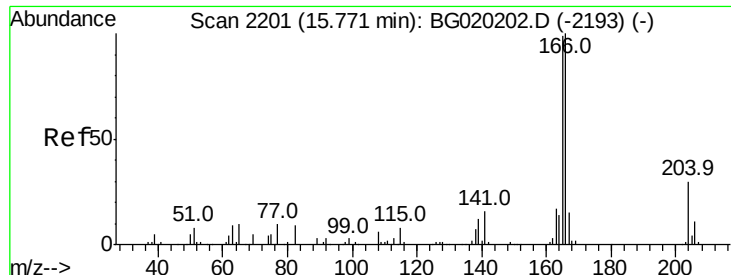
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 39.2  | 29.5  | 44.3  |
| 130     | 2.0   | 2.1   | 3.1   |
| 166     | 28.7  | 22.0  | 33.0  |



#57  
 Diethylphthalate  
 Concen: 20.66 ng/ul  
 RT: 15.53 min Scan# 2161  
 Delta R.T. 0.00 min  
 Lab File: BG020214.D  
 Acq: 16 Dec 2015 7:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.0  | 17.9  | 26.9  |
| 150     | 12.1  | 10.2  | 15.4  |





#59

Fluorene

Concen: 20.70 ng/ul

RT: 15.77 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG020214.D

Acq: 16 Dec 2015 7:10

Instrument :

BNA\_G

ClientSampleId :

SSTD02038

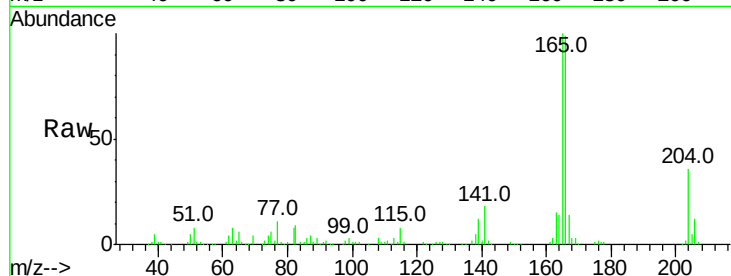
Tot Ion:166 Resp: 149144

Ion Ratio Lower Upper

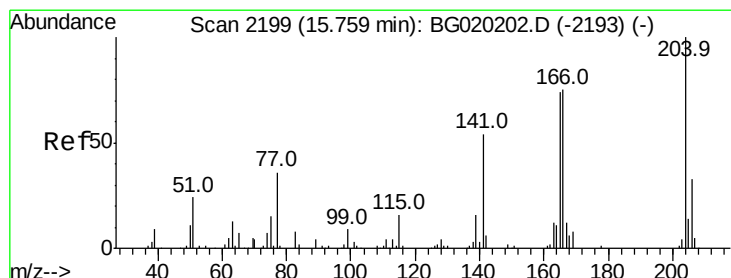
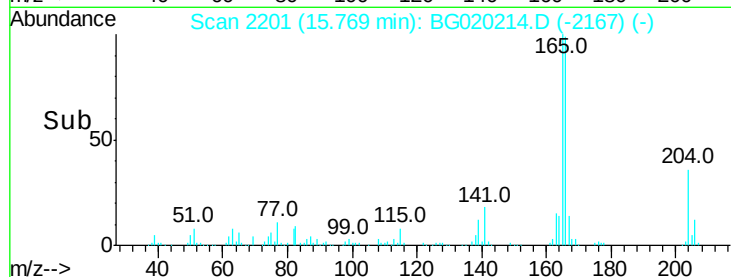
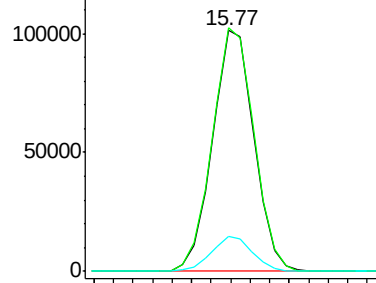
166 100

165 101.0 81.4 122.0

167 14.4 11.2 16.8



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: 20.73 ng/ul

RT: 15.76 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG020214.D

Acq: 16 Dec 2015 7:10

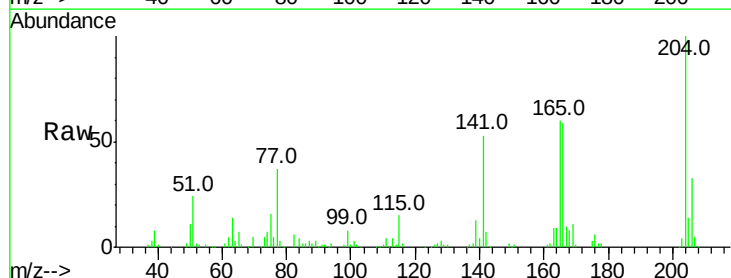
Tgt Ion:204 Resp: 84223

Ion Ratio Lower Upper

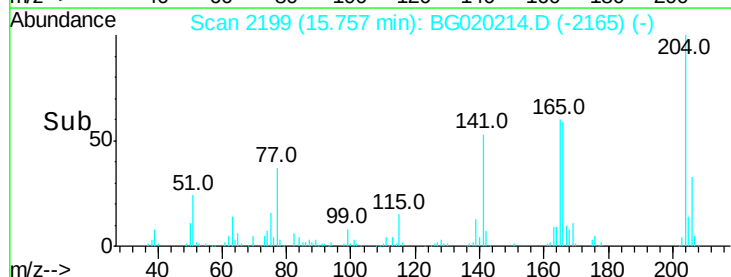
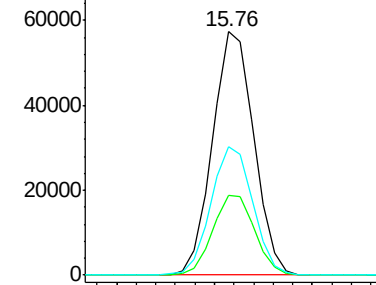
204 100

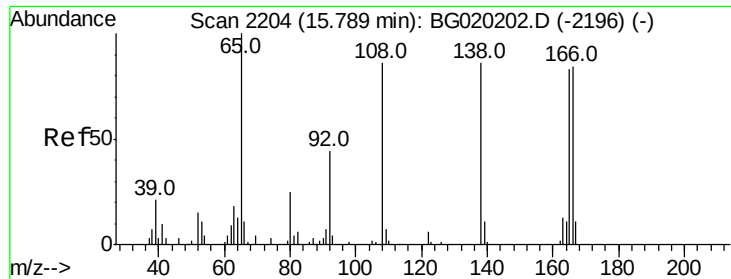
206 32.7 25.8 38.6

141 53.0 44.9 67.3



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

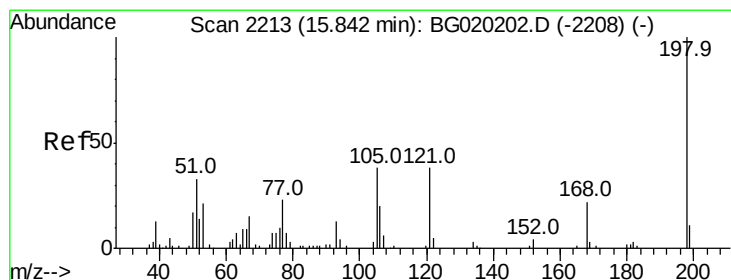
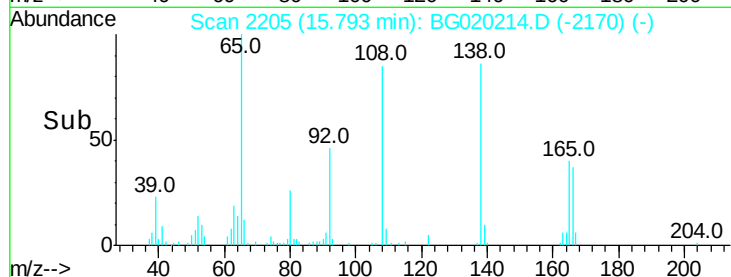
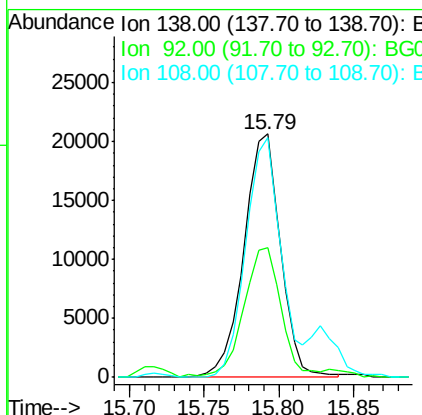
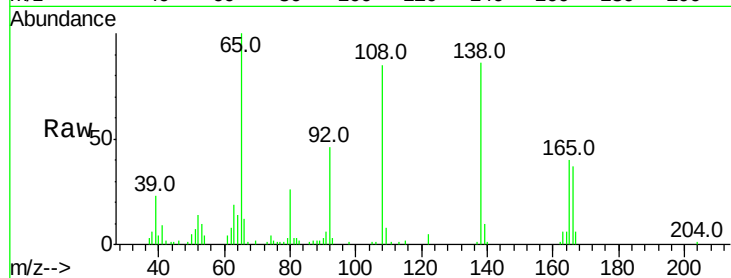




#61  
4-Nitroaniline  
Concen: 21.78 ng/ul  
RT: 15.79 min Scan# 2205  
Delta R.T. 0.00 min  
Lab File: BG020214.D  
Acq: 16 Dec 2015 7:10

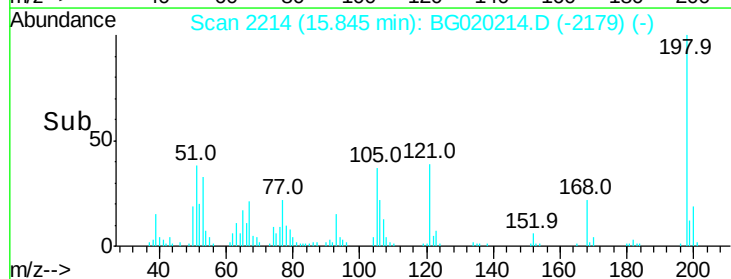
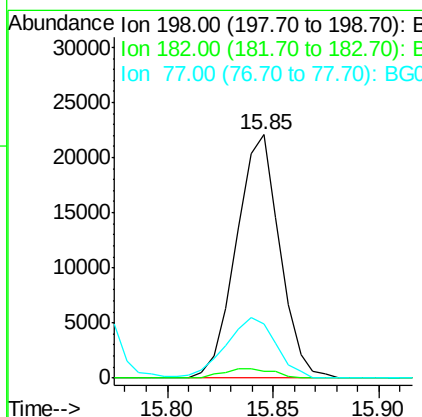
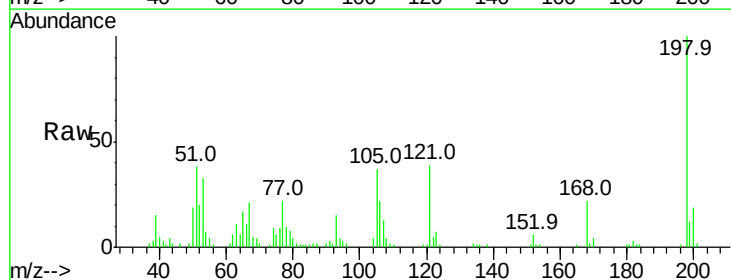
Instrument :  
BNA\_G  
ClientSampled :  
SSTD02038

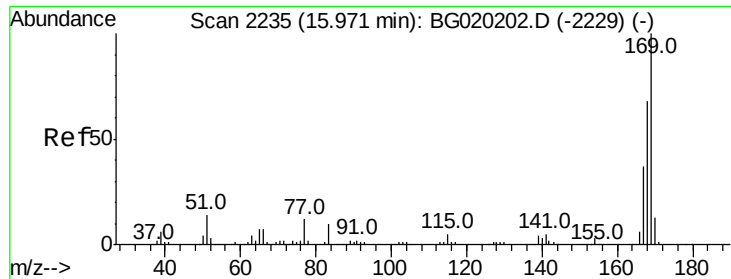
Tot Ion:138 Resp: 35021  
Ion Ratio Lower Upper  
138 100  
92 53.3 45.2 67.8  
108 98.3 75.4 113.0



#64  
4,6-Dinitro-2-methylphenol  
Concen: 20.95 ng/ul  
RT: 15.85 min Scan# 2214  
Delta R.T. 0.00 min  
Lab File: BG020214.D  
Acq: 16 Dec 2015 7:10

Tgt Ion:198 Resp: 31431  
Ion Ratio Lower Upper  
198 100  
182 2.9 2.5 3.7  
77 22.1 17.7 26.5





#65

N-Nitrosodiphenylamine

Concen: 20.77 ng/ul

RT: 15.97 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BG020214.D

Acq: 16 Dec 2015 7:10

Instrument :

BNA\_G

ClientSampleId :

SSTD02038

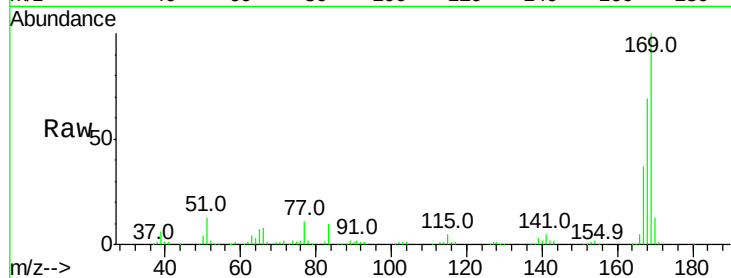
Tot Ion:169 Resp: 136123

Ion Ratio Lower Upper

169 100

168 68.9 54.3 81.5

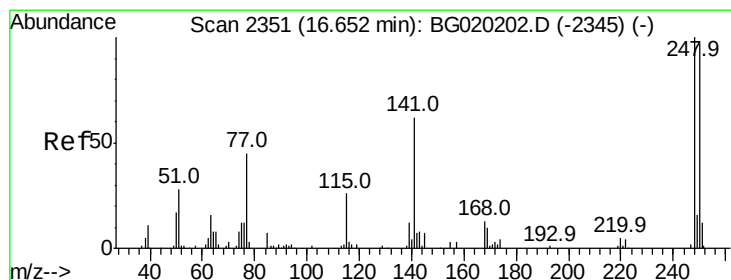
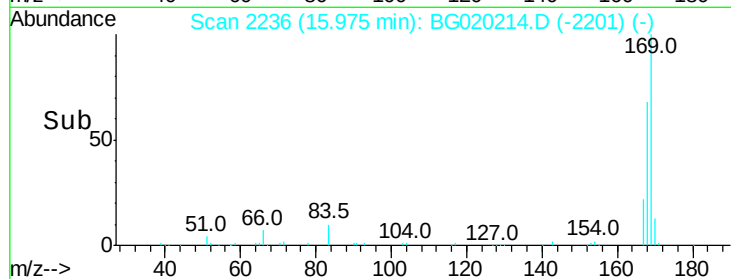
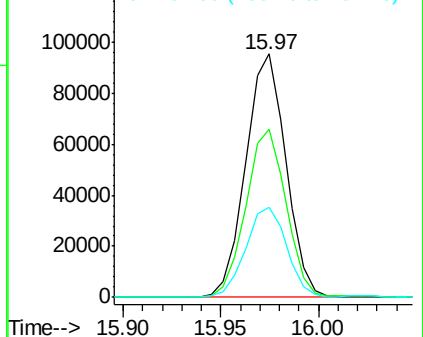
167 36.9 31.8 47.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 20.86 ng/ul

RT: 16.66 min Scan# 2352

Delta R.T. 0.00 min

Lab File: BG020214.D

Acq: 16 Dec 2015 7:10

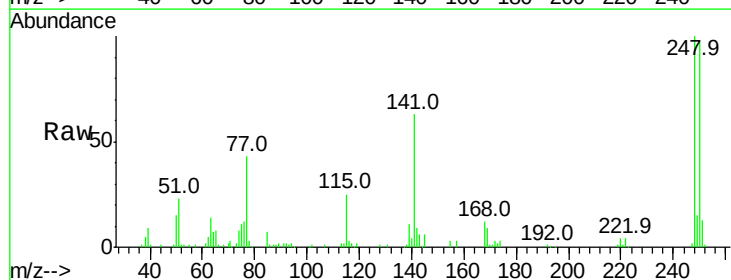
Tgt Ion:248 Resp: 57721

Ion Ratio Lower Upper

248 100

250 97.0 78.2 117.4

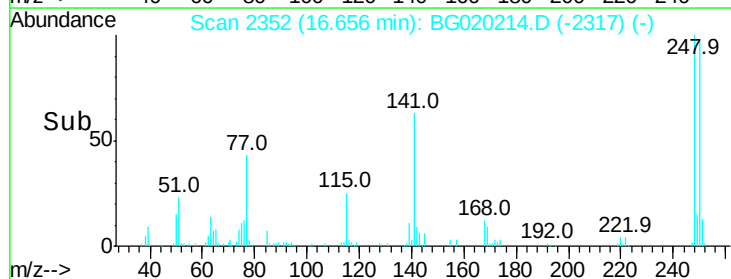
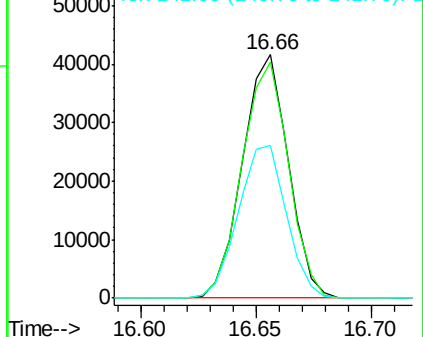
141 63.0 49.7 74.5

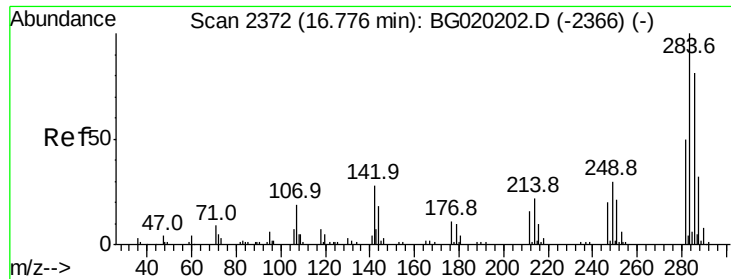


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

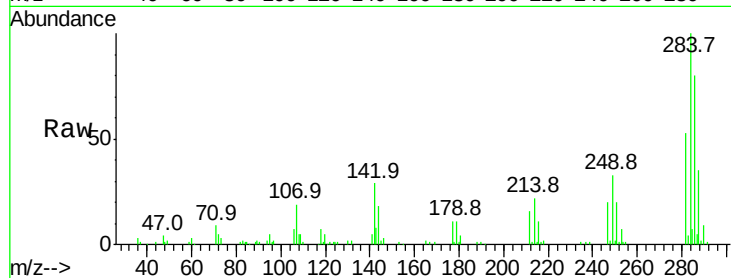




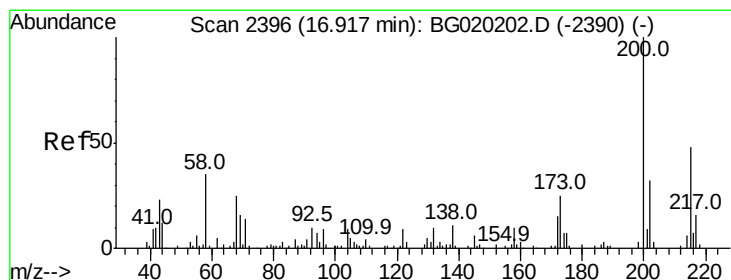
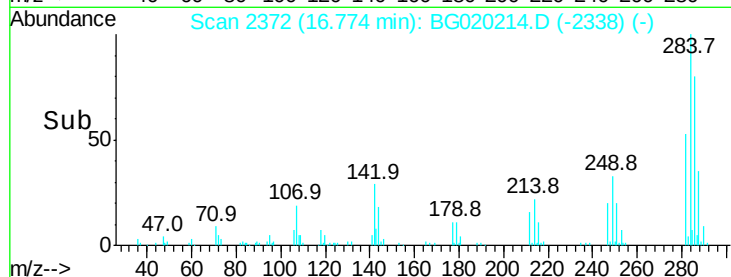
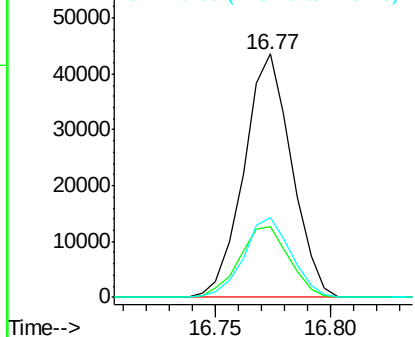
#67  
Hexachlorobenzene  
Concen: 21.11 ng/ul  
RT: 16.77 min Scan# 2372  
Delta R.T. -0.00 min  
Lab File: BG020214.D  
Acq: 16 Dec 2015 7:10

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02038

Tot Ion:284 Resp: 62710  
Ion Ratio Lower Upper  
284 100  
142 29.2 25.8 38.8  
249 33.0 28.7 43.1

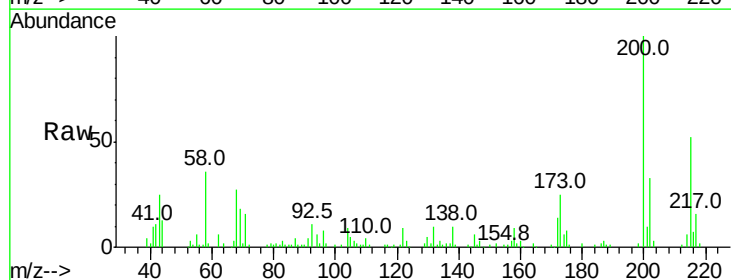


Abundance Ion 284.00 (283.70 to 284.70): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

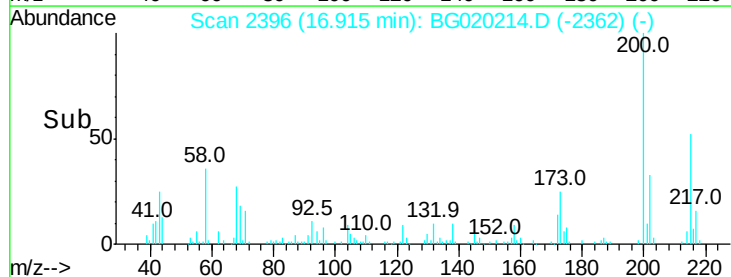
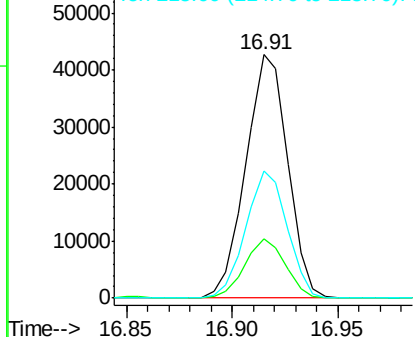


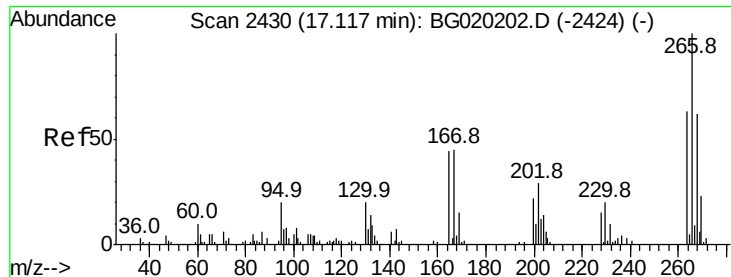
#68  
Atrazine  
Concen: 21.05 ng/ul  
RT: 16.91 min Scan# 2396  
Delta R.T. -0.00 min  
Lab File: BG020214.D  
Acq: 16 Dec 2015 7:10

Tgt Ion:200 Resp: 58840  
Ion Ratio Lower Upper  
200 100  
173 24.6 19.6 29.4  
215 52.0 40.1 60.1



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

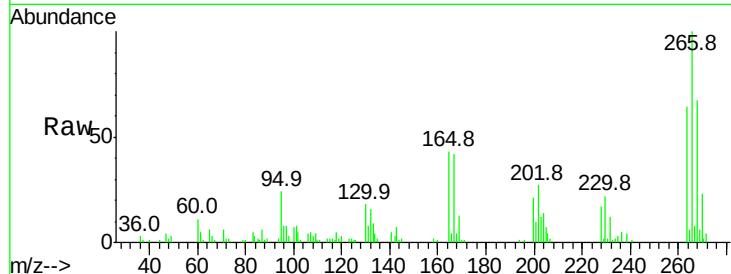




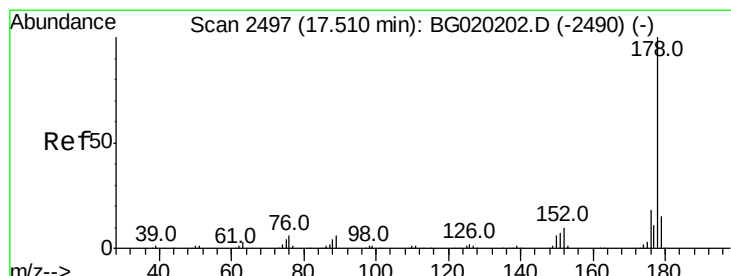
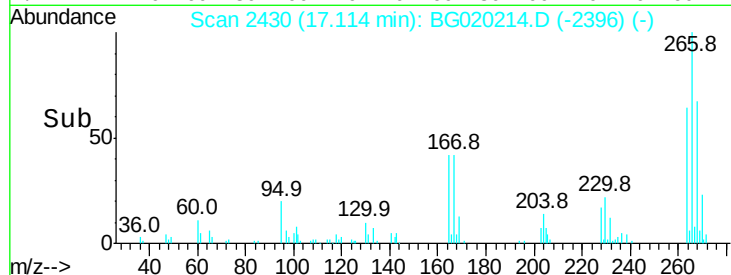
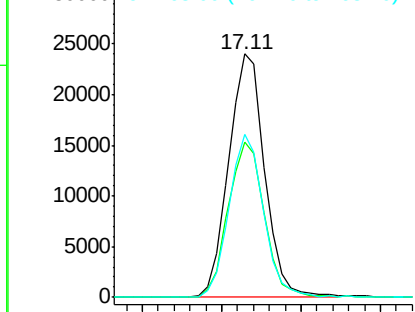
#69  
 Pentachlorophenol  
 Concen: 21.06 ng/ul  
 RT: 17.11 min Scan# 2430  
 Delta R.T. -0.00 min  
 Lab File: BG020214.D  
 Acq: 16 Dec 2015 7:10

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02038

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 63.9  | 52.2  | 78.2  |
| 268     | 67.1  | 49.3  | 73.9  |

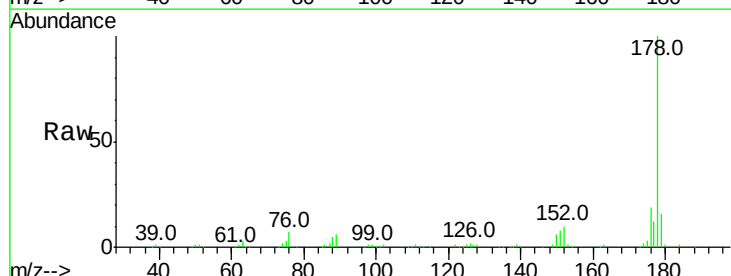


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 264.00 (263.70 to 264.70): E  
 Ion 268.00 (267.70 to 268.70): E

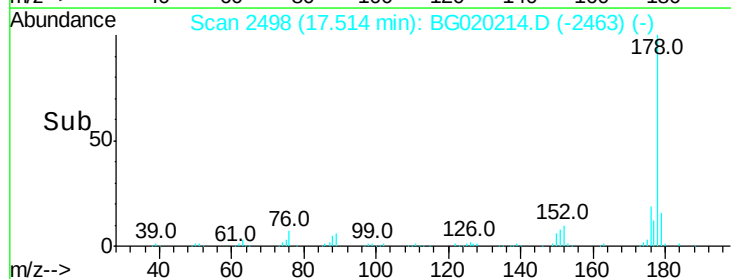
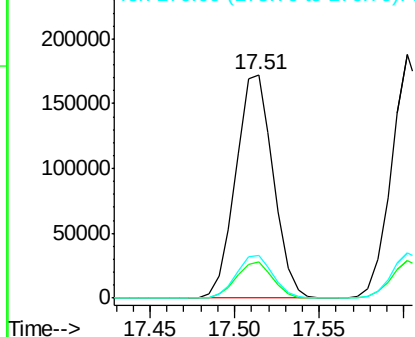


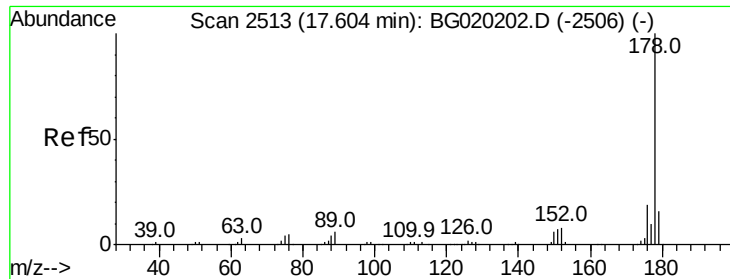
#70  
 Phenanthrene  
 Concen: 20.64 ng/ul  
 RT: 17.51 min Scan# 2498  
 Delta R.T. 0.00 min  
 Lab File: BG020214.D  
 Acq: 16 Dec 2015 7:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 16.0  | 12.9  | 19.3  |
| 176     | 19.0  | 15.3  | 22.9  |



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





#72

Anthracene

Concen: 20.60 ng/uL

RT: 17.60 min Scan# 2513

Delta R.T. -0.00 min

Lab File: BG020214.D

Acq: 16 Dec 2015 7:10

Instrument :

BNA\_G

ClientSampleId :

SSTD02038

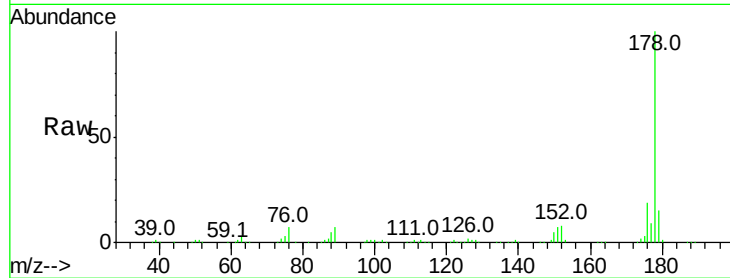
Tot Ion:178 Resp: 269436

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

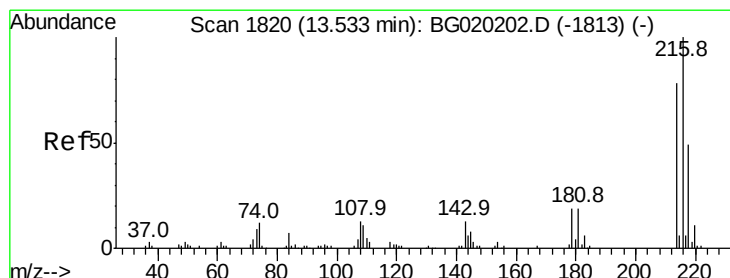
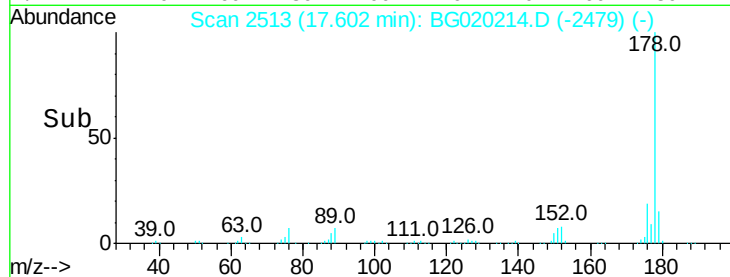
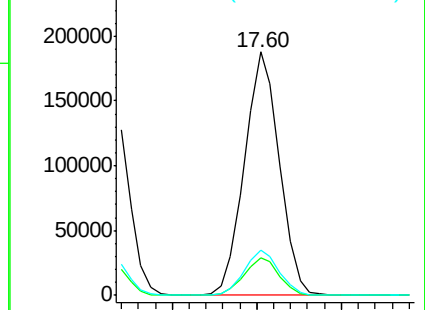
176 18.8 14.3 21.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#73

1,2,3,4-Tetrachlorobenzene

Concen: 20.15 ng/uL

RT: 13.53 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BG020214.D

Acq: 16 Dec 2015 7:10

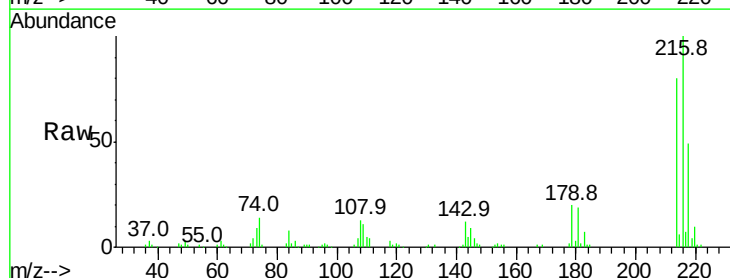
Tgt Ion:216 Resp: 74387

Ion Ratio Lower Upper

216 100

214 80.0 60.7 91.1

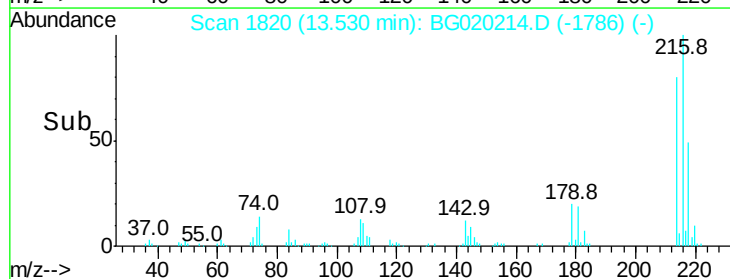
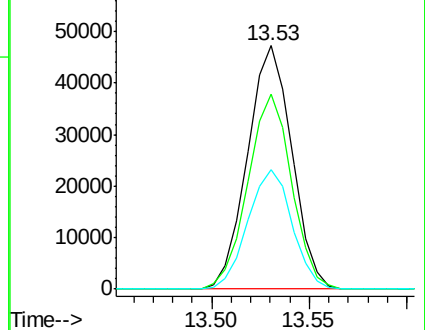
218 49.2 36.8 55.2

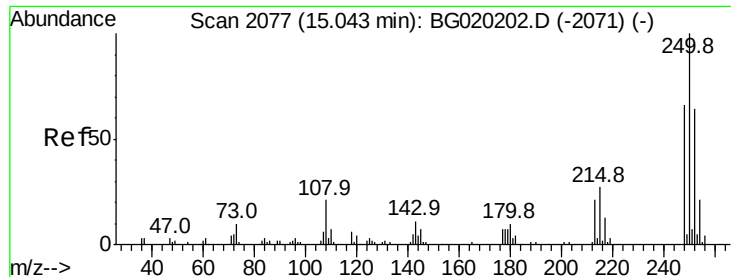


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

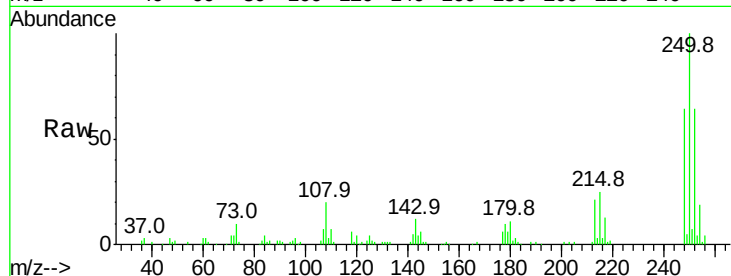




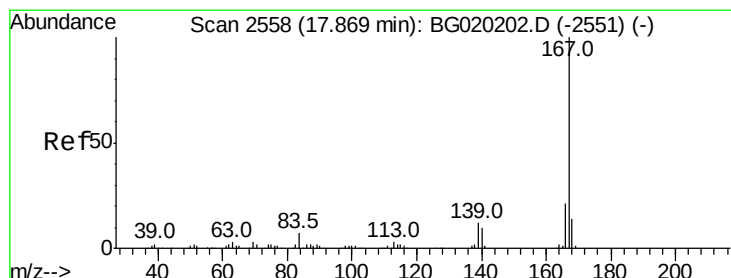
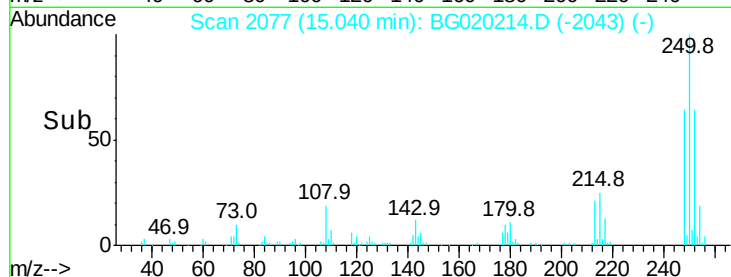
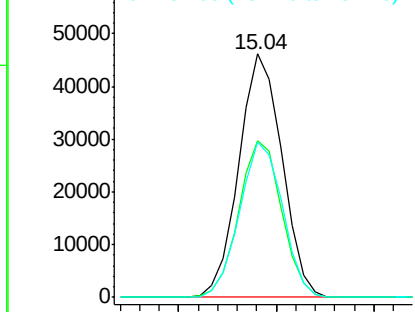
#74  
 Pentachlorobenzene  
 Concen: 20.61 ng/uL  
 RT: 15.04 min Scan# 2077  
 Delta R.T. -0.00 min  
 Lab File: BG020214.D  
 Acq: 16 Dec 2015 7:10

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02038

Tot Ion:250 Resp: 70579  
 Ion Ratio Lower Upper  
 250 100  
 248 64.5 49.0 73.6  
 252 67.9 48.2 72.4

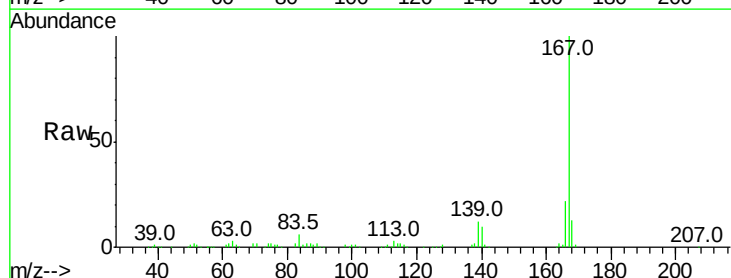


Abundance Ion 250.00 (249.70 to 250.70): E  
 Ion 248.00 (247.70 to 248.70): E  
 Ion 252.00 (251.70 to 252.70): E

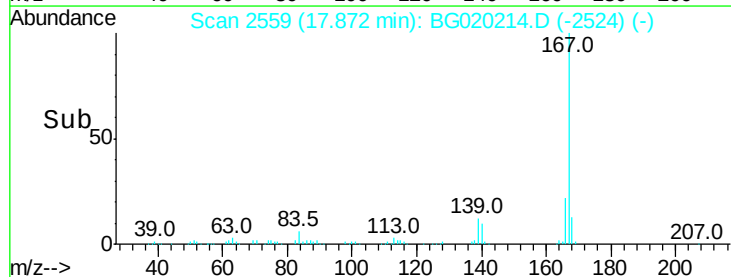
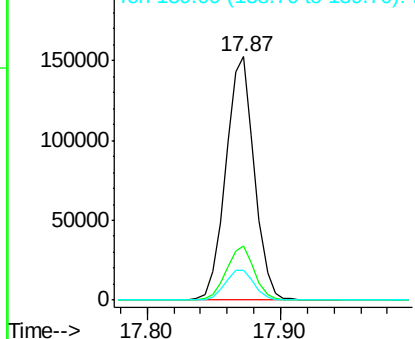


#75  
 Carbazole  
 Concen: 20.72 ng/uL  
 RT: 17.87 min Scan# 2559  
 Delta R.T. 0.00 min  
 Lab File: BG020214.D  
 Acq: 16 Dec 2015 7:10

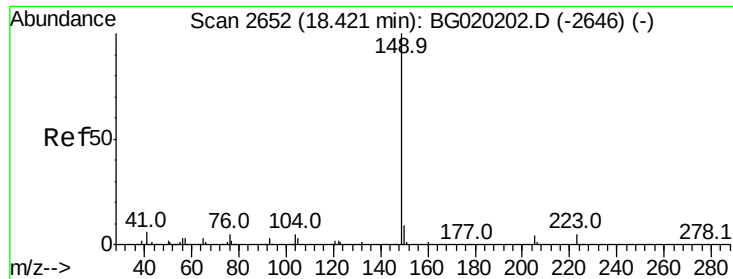
Tgt Ion:167 Resp: 227719  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 17.0 25.6  
 139 12.3 10.1 15.1



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



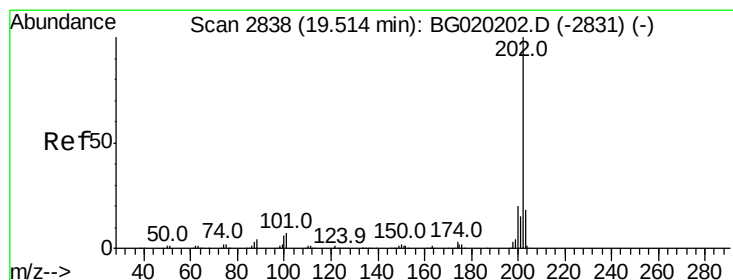
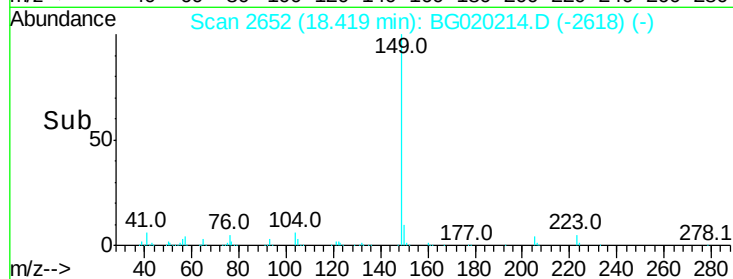
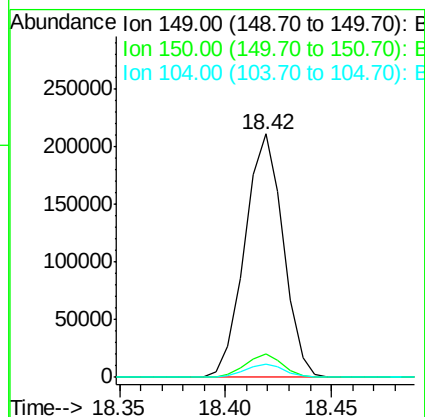
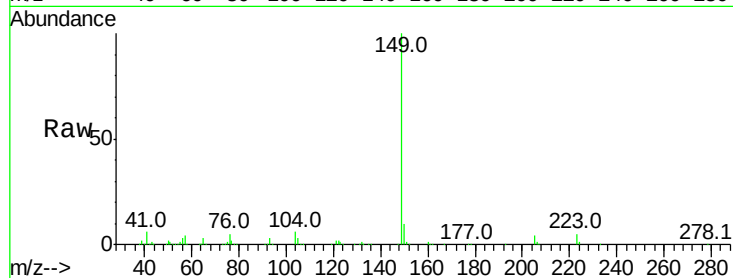




#76  
Di-n-butylphthalate  
Concen: 20.88 ng/ul  
RT: 18.42 min Scan# 2652  
Delta R.T. -0.00 min  
Lab File: BG020214.D  
Acq: 16 Dec 2015 7:10

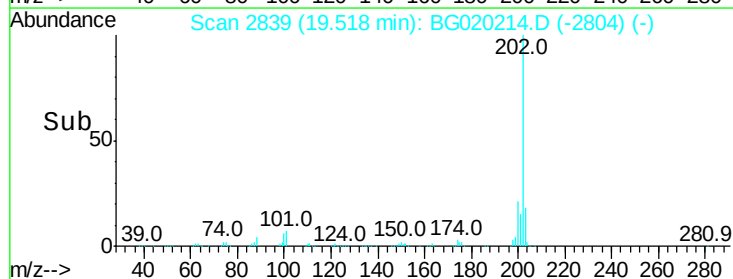
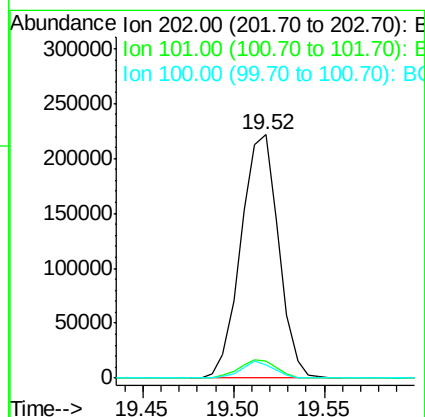
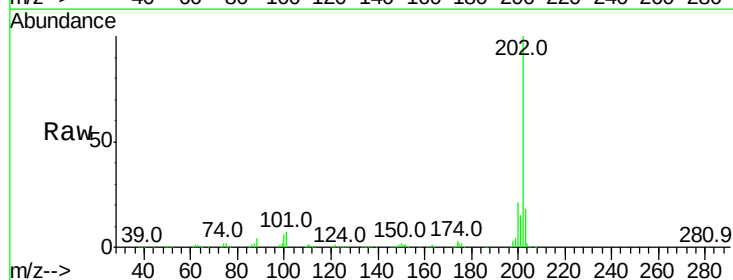
Instrument :  
BNA\_G  
ClientSampled :  
SSTD02038

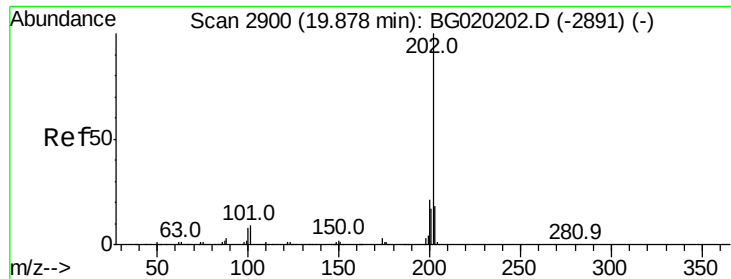
Tot Ion:149 Resp: 266521  
Ion Ratio Lower Upper  
149 100  
150 9.5 7.7 11.5  
104 5.6 4.2 6.4



#77  
Fluoranthene  
Concen: 21.19 ng/ul  
RT: 19.52 min Scan# 2839  
Delta R.T. 0.00 min  
Lab File: BG020214.D  
Acq: 16 Dec 2015 7:10

Tgt Ion:202 Resp: 319340  
Ion Ratio Lower Upper  
202 100  
101 7.1 6.2 9.4  
100 5.6 5.1 7.7

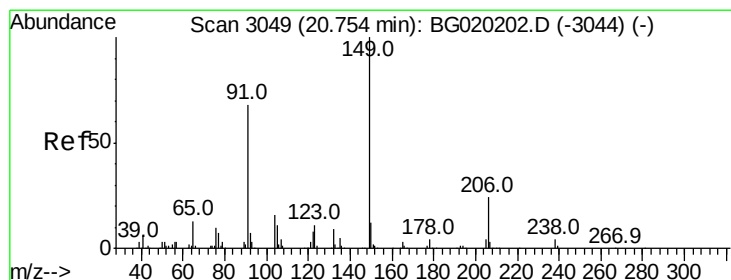
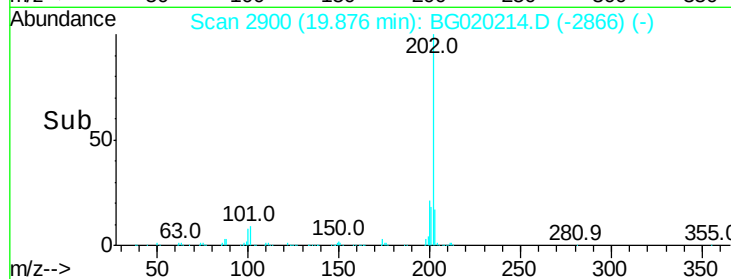
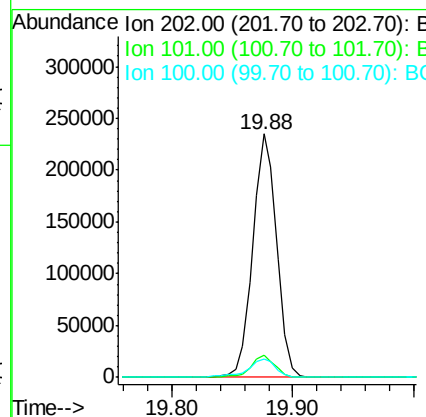
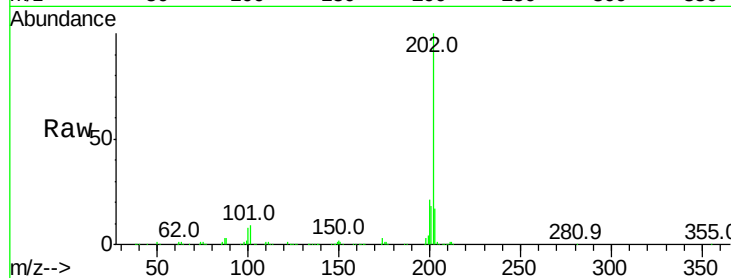




#80  
Pvrene  
Concen: 19.94 ng/ul  
RT: 19.88 min Scan# 2900  
Delta R.T. -0.00 min  
Lab File: BG020214.D  
Acq: 16 Dec 2015 7:10

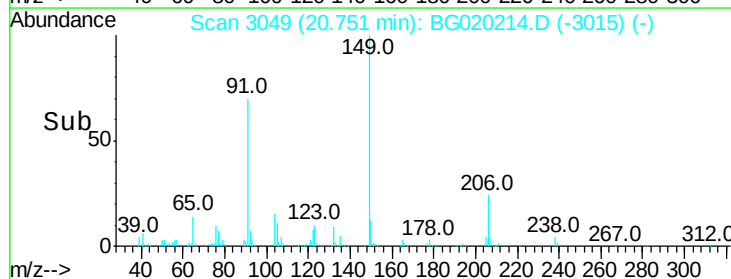
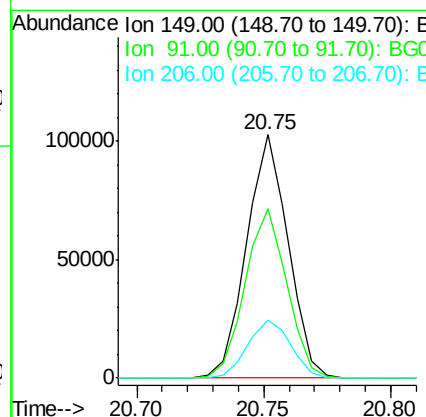
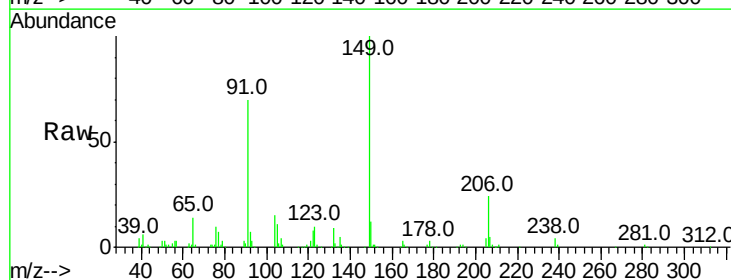
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02038

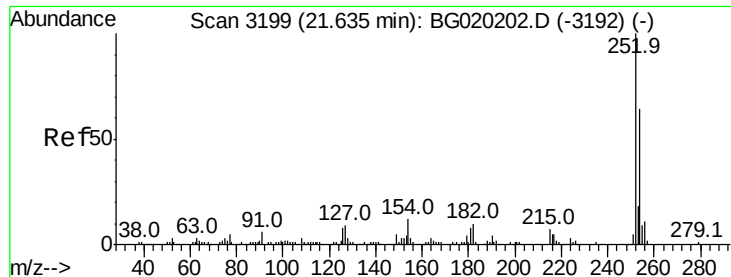
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 9.0   | 7.0   | 10.4  |
| 100     | 7.7   | 6.4   | 9.6   |



#81  
Butylbenzylphthalate  
Concen: 20.74 ng/ul  
RT: 20.75 min Scan# 3049  
Delta R.T. -0.00 min  
Lab File: BG020214.D  
Acq: 16 Dec 2015 7:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 69.6  | 59.1  | 88.7  |
| 206     | 23.6  | 19.6  | 29.4  |





#82

3,3'-Dichlorobenzidine

Concen: 20.98 ng/ul

RT: 21.63 min Scan# 3199

Delta R.T. -0.00 min

Lab File: BG020214.D

Acq: 16 Dec 2015 7:10

Instrument :

BNA\_G

ClientSampleId :

SSTD02038

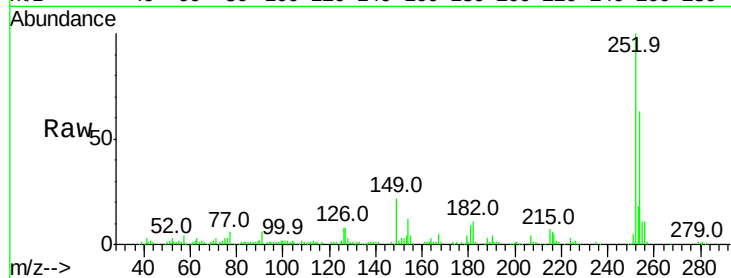
Tot Ion:252 Resp: 102860

Ion Ratio Lower Upper

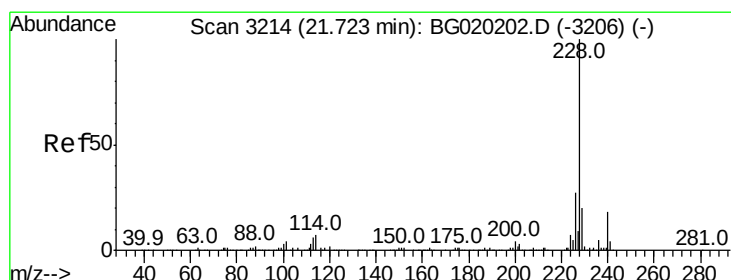
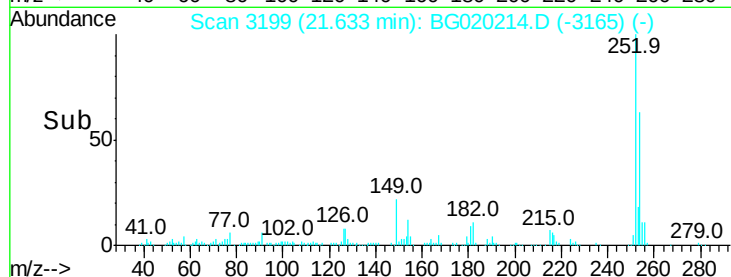
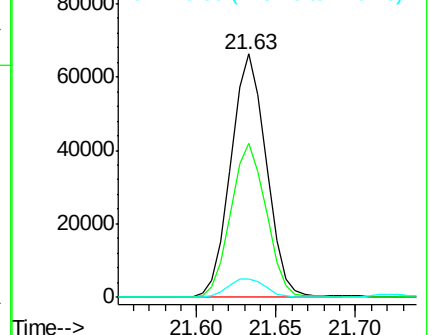
252 100

254 63.5 49.3 73.9

126 7.5 6.5 9.7



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 254.00 (253.70 to 254.70): E  
Ion 126.00 (125.70 to 126.70): E



#83

Benzo(a)anthracene

Concen: 20.53 ng/ul

RT: 21.72 min Scan# 3214

Delta R.T. -0.00 min

Lab File: BG020214.D

Acq: 16 Dec 2015 7:10

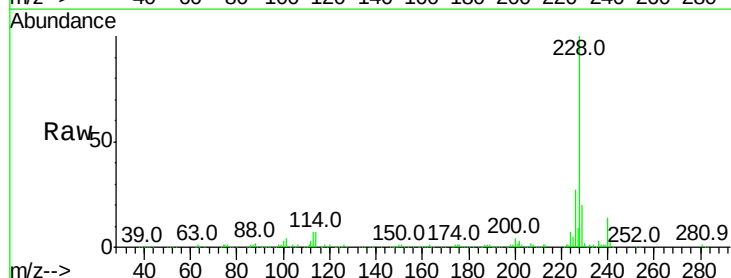
Tgt Ion:228 Resp: 321396

Ion Ratio Lower Upper

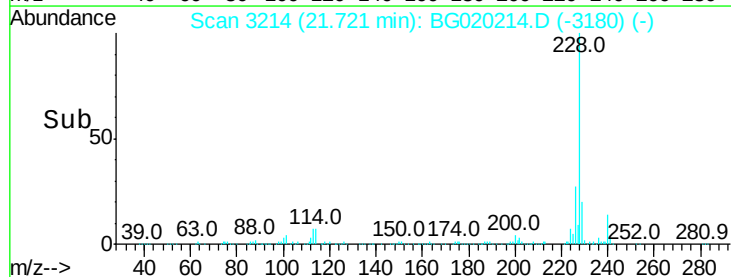
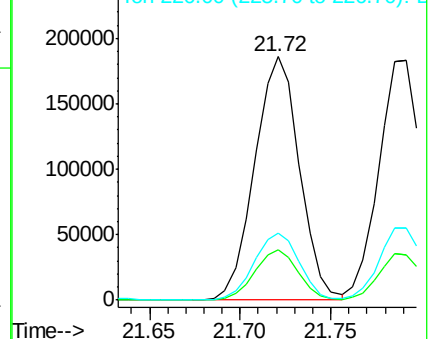
228 100

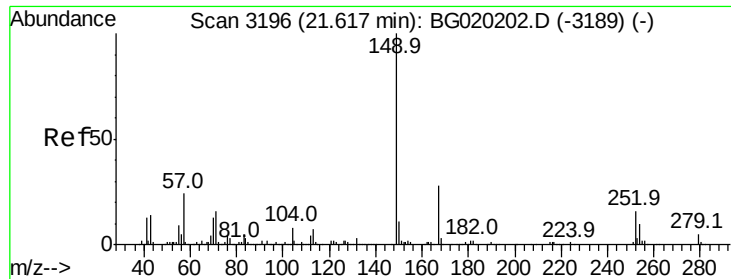
229 20.4 15.8 23.8

226 27.4 21.8 32.6



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: 20.63 ng/ul

RT: 21.62 min Scan# 3196

Delta R.T. -0.00 min

Lab File: BG020214.D

Acq: 16 Dec 2015 7:10

Instrument :

BNA\_G

ClientSampleId :

SSTD02038

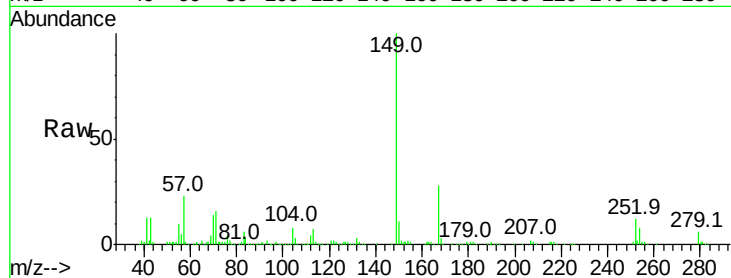
Tot Ion:149 Resp: 166438

Ion Ratio Lower Upper

149 100

167 28.3 22.8 34.2

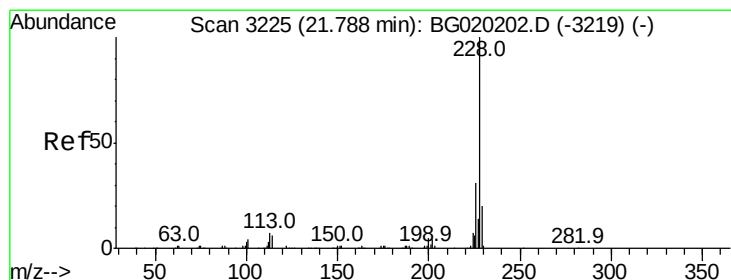
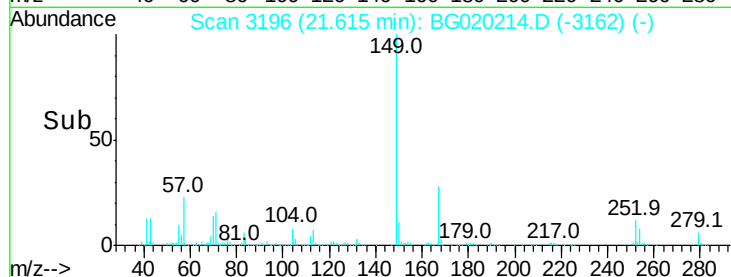
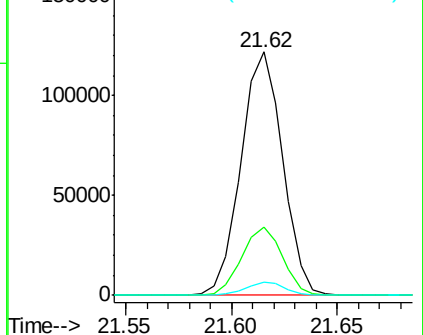
279 5.6 4.1 6.1



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: 20.28 ng/ul

RT: 21.79 min Scan# 3226

Delta R.T. 0.00 min

Lab File: BG020214.D

Acq: 16 Dec 2015 7:10

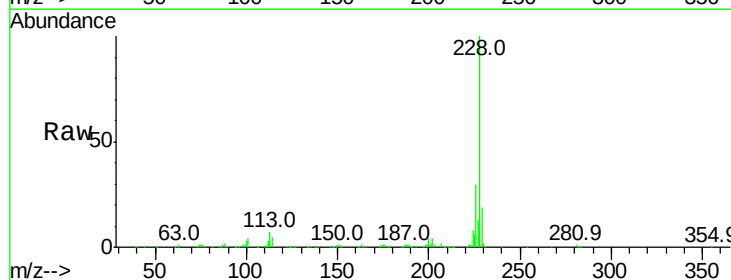
Tgt Ion:228 Resp: 299058

Ion Ratio Lower Upper

228 100

226 30.3 23.9 35.9

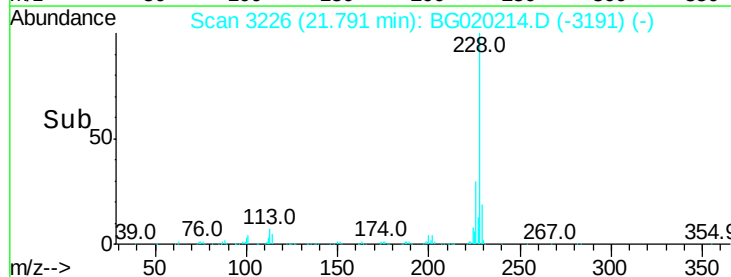
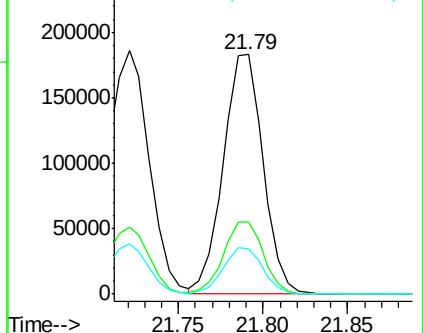
229 19.1 15.6 23.4

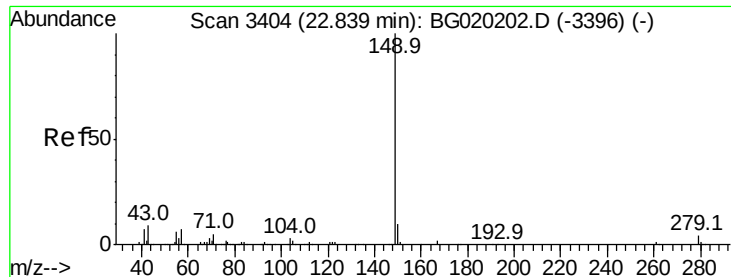


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

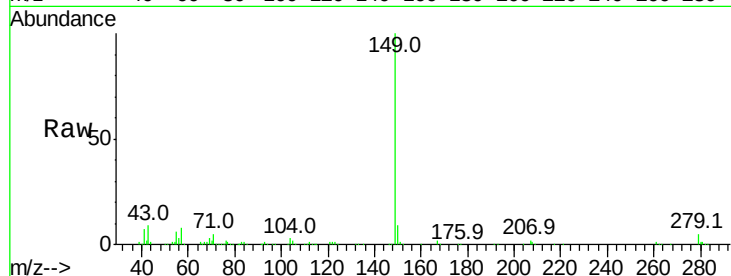




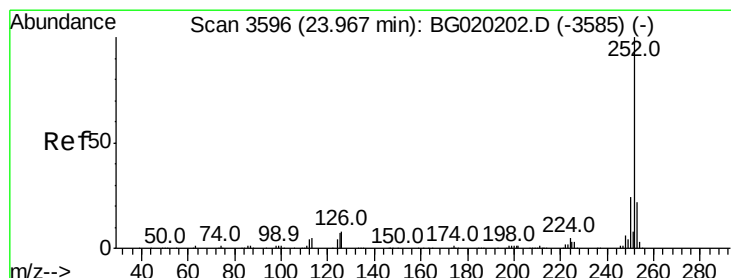
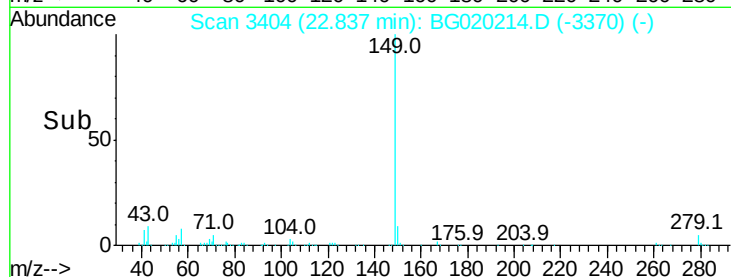
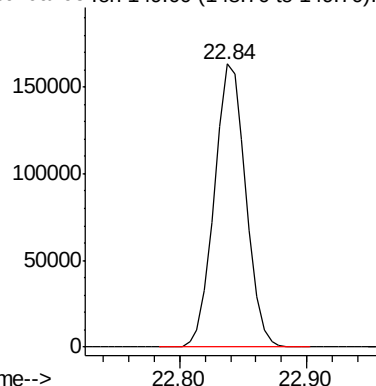
#87  
Di-n-octyl phthalate  
Concen: 20.33 ng/ul  
RT: 22.84 min Scan# 3404  
Delta R.T. -0.00 min  
Lab File: BG020214.D  
Acq: 16 Dec 2015 7:10

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02038

Tgt Ion:149 Resp: 281438

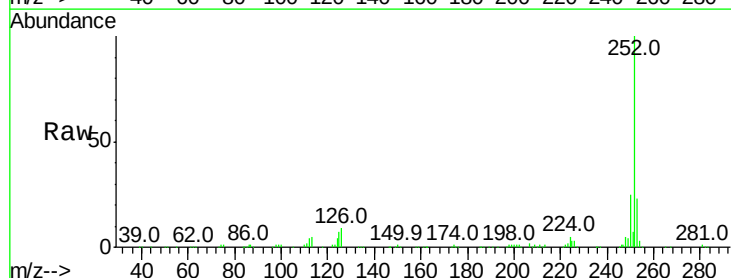


Abundance Ion 149.00 (148.70 to 149.70): E

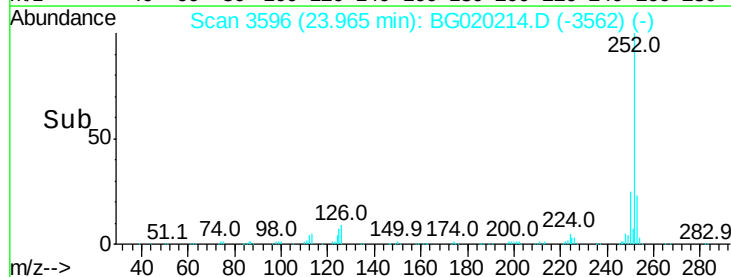
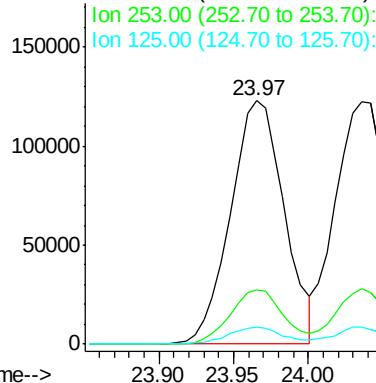


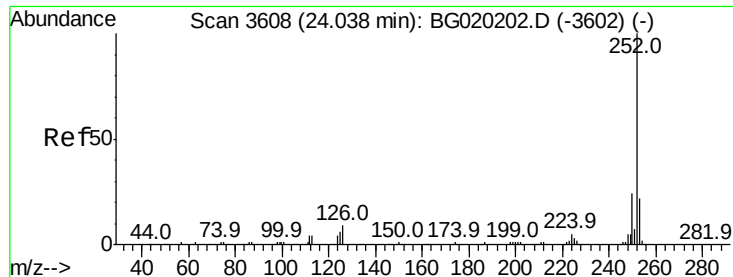
#88  
Benzo(b)fluoranthene  
Concen: 20.26 ng/ul  
RT: 23.97 min Scan# 3596  
Delta R.T. -0.00 min  
Lab File: BG020214.D  
Acq: 16 Dec 2015 7:10

Tgt Ion:252 Resp: 307160  
Ion Ratio Lower Upper  
252 100  
253 22.5 16.7 25.1  
125 7.0 6.2 9.2



Abundance Ion 252.00 (251.70 to 252.70): E





#89

Benzo(k)fluoranthene

Concen: 20.39 ng/ul

RT: 24.04 min Scan# 3608

Delta R.T. -0.00 min

Lab File: BG020214.D

Acq: 16 Dec 2015 7:10

Instrument :

BNA\_G

ClientSampleId :

SSTD02038

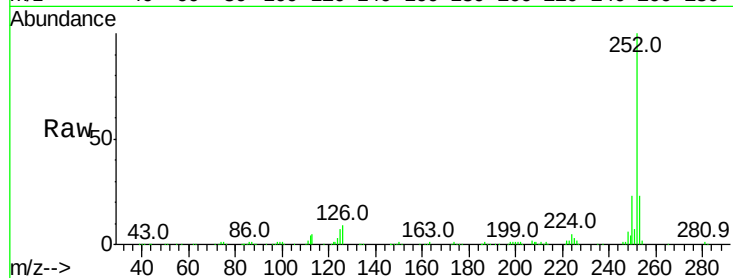
Tot Ion:252 Resp: 296710

Ion Ratio Lower Upper

252 100

253 23.0 17.9 26.9

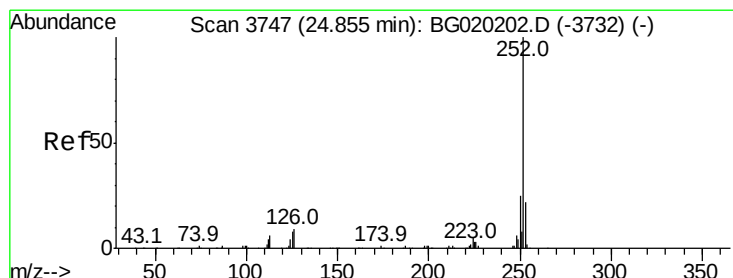
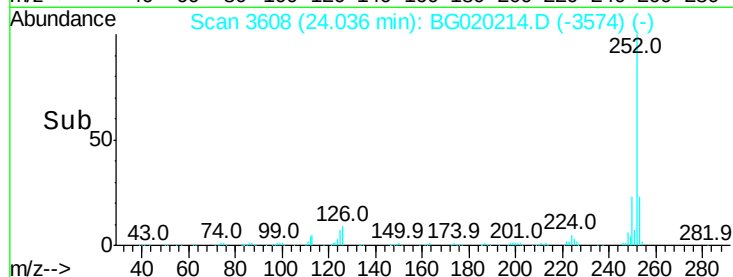
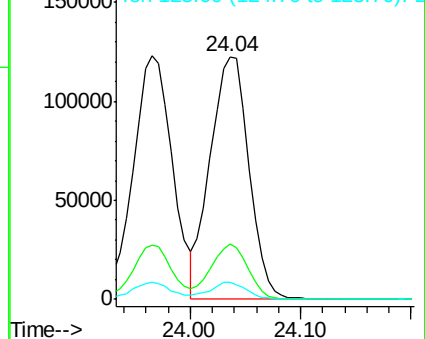
125 7.2 5.8 8.6



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



#91

Benzo(a)pyrene

Concen: 20.56 ng/ul

RT: 24.85 min Scan# 3747

Delta R.T. -0.00 min

Lab File: BG020214.D

Acq: 16 Dec 2015 7:10

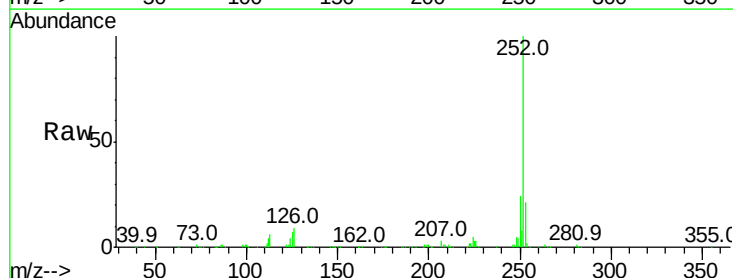
Tgt Ion:252 Resp: 295551

Ion Ratio Lower Upper

252 100

253 20.8 17.0 25.4

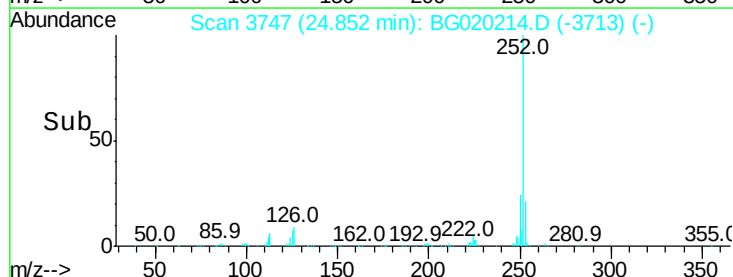
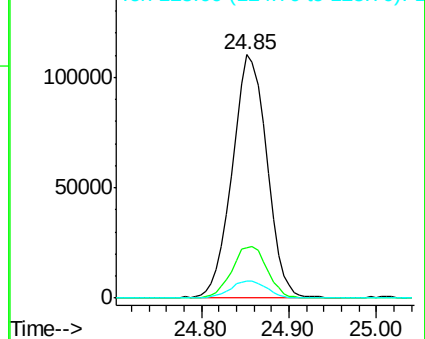
125 7.2 6.2 9.4

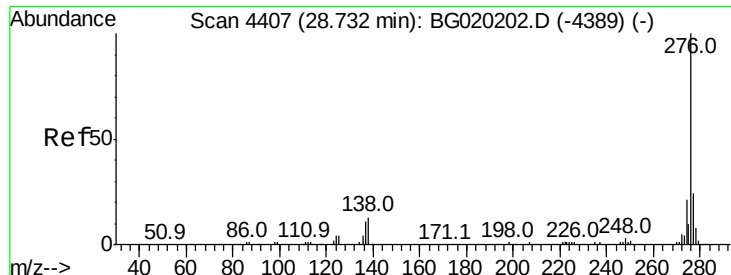


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 7.98 ng/ul

RT: 28.72 min Scan# 4406

Delta R.T. -0.01 min

Lab File: BG020214.D

Acq: 16 Dec 2015 7:10

Instrument :

BNA\_G

ClientSampleId :

SSTD02038

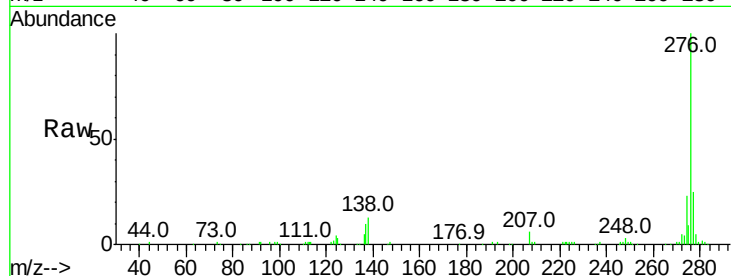
Tot Ion:276 Resp: 136618

Ion Ratio Lower Upper

276 100

138 12.6 11.4 17.0

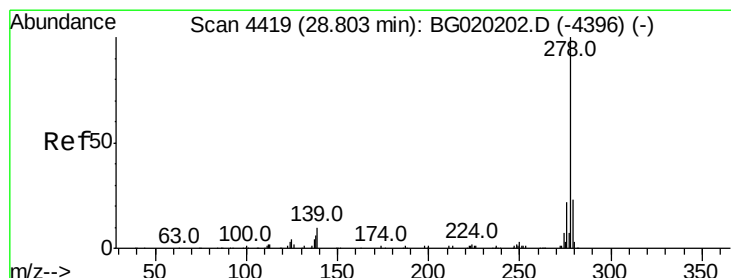
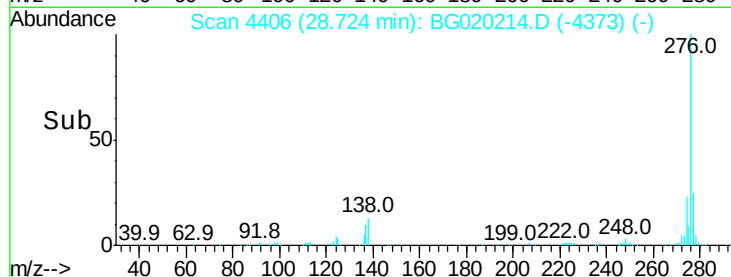
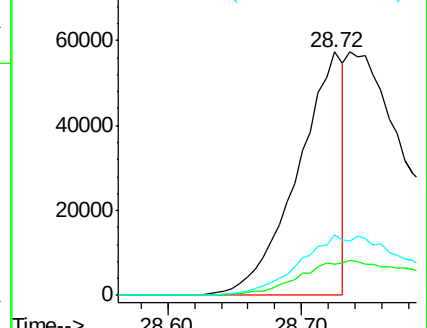
277 25.0 17.4 26.0



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



#93

Dibenzo(a,h)anthracene

Concen: 20.57 ng/ul

RT: 28.80 min Scan# 4419

Delta R.T. -0.00 min

Lab File: BG020214.D

Acq: 16 Dec 2015 7:10

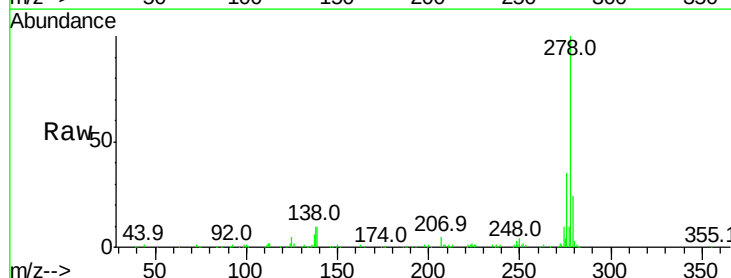
Tgt Ion:278 Resp: 292256

Ion Ratio Lower Upper

278 100

139 10.3 9.4 14.2

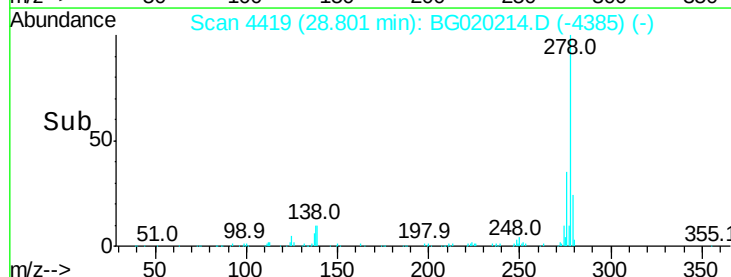
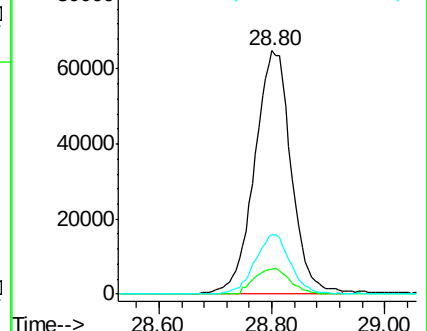
279 24.1 19.4 29.0

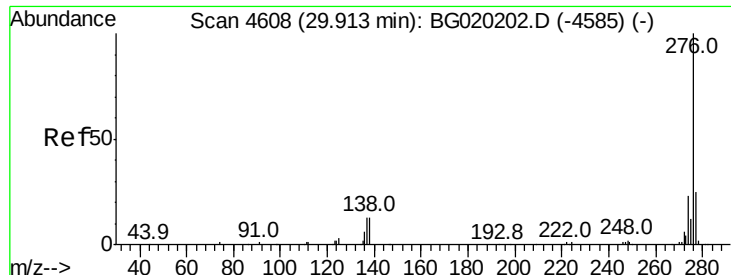


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(a,h,i)perylene

Concen: 20.07 ng/ul

RT: 29.90 min Scan# 4606

Delta R.T. -0.01 min

Lab File: BG020214.D

Acq: 16 Dec 2015 7:10

Instrument :

BNA\_G

ClientSampleId :

SSTD02038

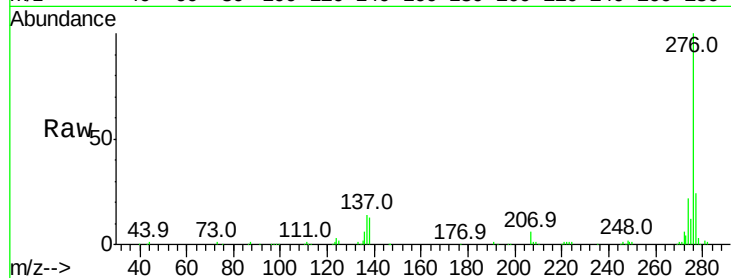
Tot Ion:276 Resp: 281632

Ion Ratio Lower Upper

276 100

138 13.2 10.8 16.2

277 24.2 19.9 29.9



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

