

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG121416\  
 Data File : BG025192.D  
 Acq On : 15 Dec 2016 1:33  
 Operator : UM/SJ  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02007

Quant Time: Dec 15 04:04:13 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG113016.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Dec 15 03:57:23 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.23  | 152  | 107325   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.06 | 136  | 482557   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.86 | 164  | 399647   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.60 | 188  | 862143   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.90 | 240  | 1035771  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.32 | 264  | 1044001  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.59  | 96  | 14700  | 7.07  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.39  | 99  | 188829 | 20.39 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.55  | 67  | 118209 | 20.64 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.76  | 132 | 131372 | 20.29 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.94  | 113 | 155637 | 20.11 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.41  | 128 | 72792  | 21.30 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.14 | 143 | 85969  | 20.18 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.68 | 165 | 168754 | 20.60 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.20 | 131 | 189653 | 23.55 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.25 | 166 | 532084 | 19.36 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.55 | 160 | 625026 | 20.76 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.06 | 143 | 83980  | 17.78 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.85 | 176 | 510547 | 19.73 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.97 | 200 | 105577 | 19.81 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.70 | 188 | 733370 | 20.15 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.97 | 212 | 871888 | 20.44 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.08 | 264 | 871379 | 20.60 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       |        | Qvalue |
|--------------------------------|-------|-----|--------|-------|--------|--------|
| 2) 1,4-Dioxane                 | 3.63  | 88  | 17534  | 6.48  | ng/uL  | 97     |
| 4) Benzaldehyde                | 7.37  | 77  | 146130 | 20.97 | ng/ul  | 98     |
| 6) Phenol                      | 7.42  | 94  | 196379 | 20.66 | ng/ul  | 89     |
| 8) Bis(2-Chloroethyl)ether     | 7.64  | 93  | 138600 | 19.93 | ng/ul# | 92     |
| 10) 2-Chlorophenol             | 7.80  | 128 | 132188 | 20.31 | ng/ul  | 97     |
| 11) 2-Methylphenol             | 8.68  | 108 | 143230 | 20.47 | ng/ul  | 82     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.76  | 45  | 266457 | 22.53 | ng/ul  | 97     |
| 14) Acetophenone               | 9.07  | 105 | 237839 | 20.20 | ng/ul  | 96     |
| 15) N-Nitroso-di-n-propylamine | 9.04  | 70  | 144320 | 21.22 | ng/ul  | 91     |
| 16) 4-Methylphenol             | 9.00  | 108 | 160263 | 20.59 | ng/ul  | 97     |
| 17) Hexachloroethane           | 9.32  | 117 | 60854  | 21.10 | ng/ul  | 98     |
| 20) Nitrobenzene               | 9.46  | 77  | 219107 | 20.87 | ng/ul  | 98     |
| 21) Isophorone                 | 9.97  | 82  | 392807 | 19.77 | ng/ul  | 98     |
| 23) 2-Nitrophenol              | 10.17 | 139 | 86456  | 20.01 | ng/ul# | 83     |
| 24) 2,4-Dimethylphenol         | 10.22 | 107 | 200017 | 20.24 | ng/ul  | 98     |
| 25) Bis(2-Chloroethoxy)methane | 10.45 | 93  | 201483 | 19.90 | ng/ul  | 93     |
| 27) 2,4-Dichlorophenol         | 10.71 | 162 | 161906 | 20.35 | ng/ul  | 93     |
| 28) Naphthalene                | 11.12 | 128 | 445159 | 19.85 | ng/ul  | 97     |
| 30) 4-Chloroaniline            | 11.23 | 127 | 190562 | 23.15 | ng/ul  | 90     |
| 31) Hexachlorobutadiene        | 11.38 | 225 | 131356 | 19.21 | ng/ul  | 94     |
| 32) Caprolactam                | 11.99 | 113 | 47973  | 14.52 | ng/ul  | 95     |
| 33) 4-Chloro-3-methylphenol    | 12.33 | 107 | 199394 | 20.34 | ng/ul  | 99     |
| 34) 2-Methylnaphthalene        | 12.70 | 142 | 360797 | 20.38 | ng/ul  | 98     |

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 Acq On : 15 Dec 2016 1:33  
 Operator : UM/SJ  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

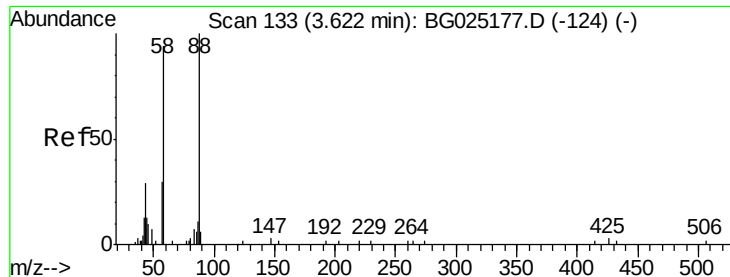
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02007

Quant Time: Dec 15 04:04:13 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG113016.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Dec 15 03:57:23 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 13.06 | 216  | 250547   | 20.80 | ng/ul  | 94       |
| 37) Hexachlorocyclopentadiene  | 13.03 | 237  | 132368   | 18.72 | ng/ul# | 96       |
| 38) 2,4,6-Trichlorophenol      | 13.30 | 196  | 154901   | 20.47 | ng/ul  | 86       |
| 39) 2,4,5-Trichlorophenol      | 13.38 | 196  | 165372   | 19.94 | ng/ul  | 97       |
| 40) 1,1'-Biphenyl              | 13.69 | 154  | 499470   | 20.61 | ng/ul  | 97       |
| 41) 2-Chloronaphthalene        | 13.74 | 162  | 401258   | 20.80 | ng/ul  | 99       |
| 42) 2-Nitroaniline             | 13.95 | 65   | 175098   | 23.19 | ng/ul  | 90       |
| 44) Dimethylphthalate          | 14.30 | 163  | 528883   | 19.58 | ng/ul  | 97       |
| 45) 2,6-Dinitrotoluene         | 14.44 | 165  | 116433   | 20.06 | ng/ul  | 97       |
| 47) Acenaphthylene             | 14.58 | 152  | 600075   | 20.50 | ng/ul  | 98       |
| 48) 3-Nitroaniline             | 14.77 | 138  | 110357   | 21.95 | ng/ul# | 82       |
| 49) Acenaphthene               | 14.92 | 153  | 421314   | 21.01 | ng/ul  | 98       |
| 50) 2,4-Dinitrophenol          | 14.98 | 184  | 68509    | 18.16 | ng/ul  | 96       |
| 52) 4-Nitrophenol              | 15.08 | 109  | 108511   | 19.10 | ng/ul  | 95       |
| 53) Dibenzofuran               | 15.25 | 168  | 639079   | 20.15 | ng/ul  | 99       |
| 54) 2,4-Dinitrotoluene         | 15.22 | 165  | 168632   | 19.28 | ng/ul# | 95       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.48 | 232  | 165097   | 18.84 | ng/ul# | 94       |
| 56) Diethylphthalate           | 15.65 | 149  | 544716   | 19.04 | ng/ul  | 98       |
| 58) Fluorene                   | 15.90 | 166  | 521324   | 20.19 | ng/ul  | 96       |
| 59) 4-Chlorophenyl-phenylether | 15.88 | 204  | 284284   | 19.55 | ng/ul  | 94       |
| 60) 4-Nitroaniline             | 15.93 | 138  | 111017   | 18.31 | ng/ul  | 96       |
| 63) 4,6-Dinitro-2-methylphenol | 15.99 | 198  | 108607   | 19.67 | ng/ul# | 96       |
| 64) N-Nitrosodiphenylamine     | 16.10 | 169  | 469746   | 21.18 | ng/ul  | 95       |
| 65) 4-Bromophenyl-phenylether  | 16.77 | 248  | 202344   | 20.78 | ng/ul  | 90       |
| 66) Hexachlorobenzene          | 16.90 | 284  | 230376   | 21.01 | ng/ul  | 96       |
| 67) Atrazine                   | 17.03 | 200  | 209678   | 19.89 | ng/ul  | 99       |
| 68) Pentachlorophenol          | 17.25 | 266  | 118424   | 17.99 | ng/ul  | 94       |
| 69) Phenanthrene               | 17.64 | 178  | 837905   | 20.36 | ng/ul  | 97       |
| 71) Anthracene                 | 17.74 | 178  | 859519   | 20.32 | ng/ul  | 97       |
| 72) Carbazole                  | 18.01 | 167  | 733144   | 20.77 | ng/ul  | 98       |
| 73) Di-n-butylphthalate        | 18.53 | 149  | 889060   | 19.95 | ng/ul  | 98       |
| 74) Fluoranthene               | 19.64 | 202  | 1026644  | 21.00 | ng/ul  | 99       |
| 77) Pyrene                     | 20.00 | 202  | 1018721  | 20.46 | ng/ul  | 99       |
| 78) Butylbenzylphthalate       | 20.85 | 149  | 428249   | 21.97 | ng/ul  | 98       |
| 79) 3,3'-Dichlorobenzidine     | 21.78 | 252  | 409715   | 22.69 | ng/ul  | 97       |
| 80) Benzo(a)anthracene         | 21.87 | 228  | 1099686  | 20.44 | ng/ul  | 99       |
| 81) Bis(2-ethylhexyl)phthalate | 21.72 | 149  | 570410   | 21.26 | ng/ul  | 98       |
| 82) Chrysene                   | 21.95 | 228  | 1019620  | 20.26 | ng/ul  | 98       |
| 84) Di-n-octyl phthalate       | 22.99 | 149  | 982325   | 23.18 | ng/ul  | 100      |
| 85) Benzo(b)fluoranthene       | 24.22 | 252  | 1068959  | 20.65 | ng/ul  | 99       |
| 86) Benzo(k)fluoranthene       | 24.29 | 252  | 1011427  | 20.55 | ng/ul  | 96       |
| 88) Benzo(a)pyrene             | 25.15 | 252  | 1030679  | 20.71 | ng/ul  | 96       |
| 89) Indeno(1,2,3-cd)pyrene     | 29.26 | 276  | 976466   | 15.78 | ng/ul  | 95       |
| 90) Dibenzo(a,h)anthracene     | 29.30 | 278  | 930747   | 17.86 | ng/ul  | 97       |
| 91) Benzo(g,h,i)perylene       | 30.49 | 276  | 737657   | 14.29 | ng/ul  | 96       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed





#2

1,4-Dioxane

Concen: 6.48 ng/uL

RT: 3.63 min Scan# 134

Delta R.T. 0.00 min

Lab File: BG025192.D

Acq: 15 Dec 2016 1:33

Instrument :

BNA\_G

ClientSampleId :

SSTD02007

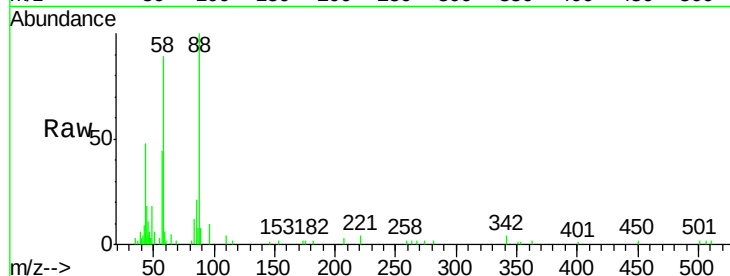
Tgt Ion: 88 Resp: 17534

Ion Ratio Lower Upper

88 100

43 47.8 39.2 58.8

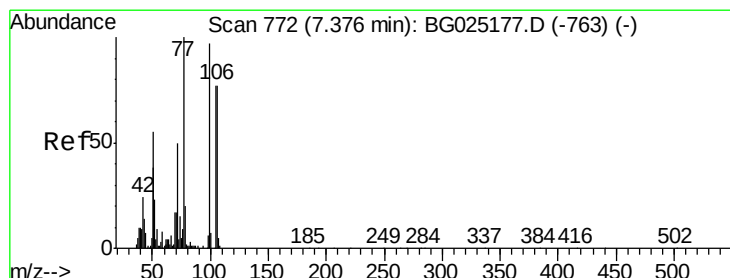
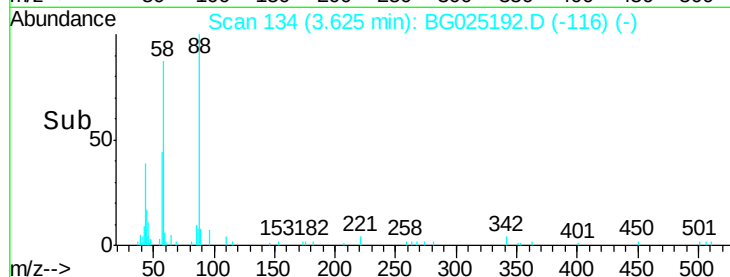
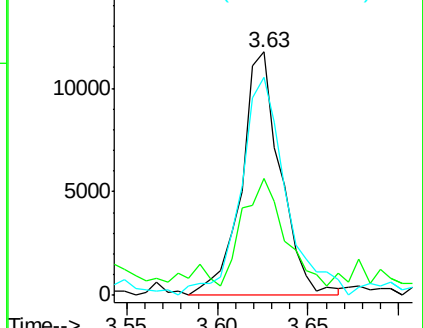
58 89.5 69.4 104.0



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

Ion 58.00 (57.70 to 58.70): BGC



#4

Benzaldehyde

Concen: 20.97 ng/uL

RT: 7.37 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG025192.D

Acq: 15 Dec 2016 1:33

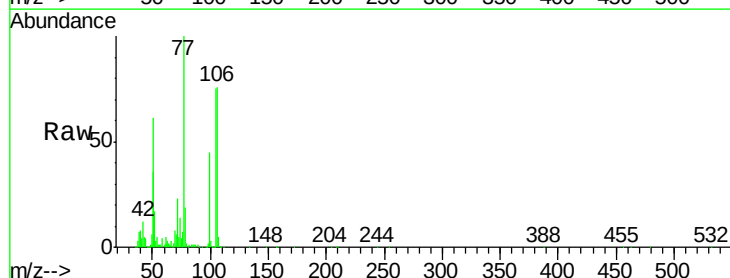
Tgt Ion: 77 Resp: 146130

Ion Ratio Lower Upper

77 100

105 75.4 62.0 93.0

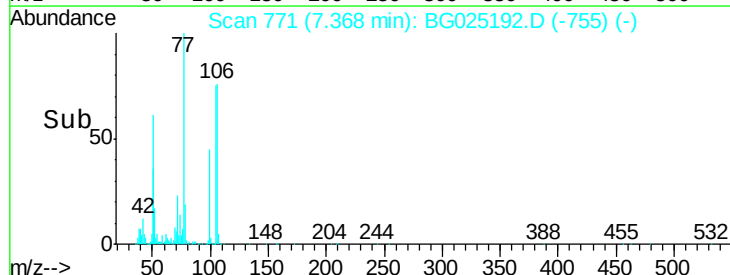
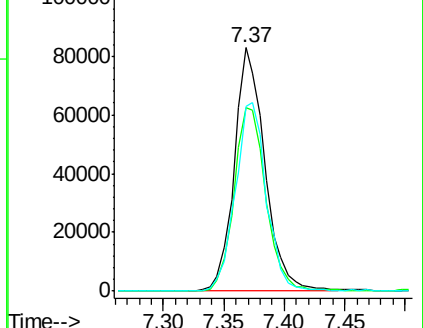
106 76.0 60.2 90.4

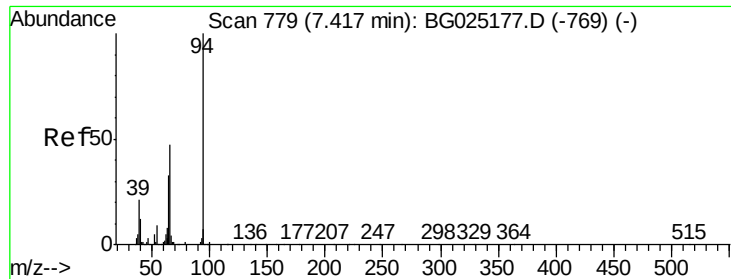


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#6

Phenol

Concen: 20.66 ng/ul

RT: 7.42 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG025192.D

Acq: 15 Dec 2016 1:33

Instrument :

BNA\_G

ClientSampleId :

SSTD02007

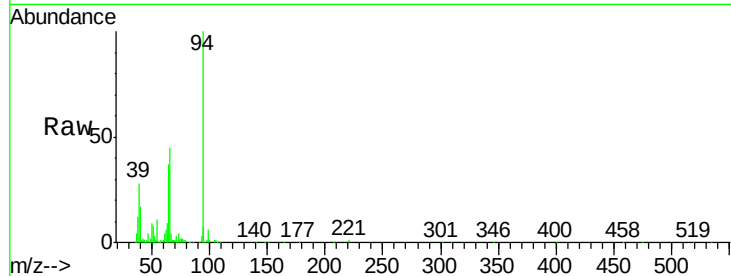
Tgt Ion: 94 Resp: 196379

Ion Ratio Lower Upper

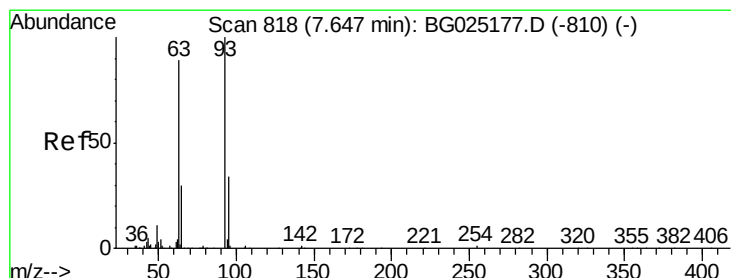
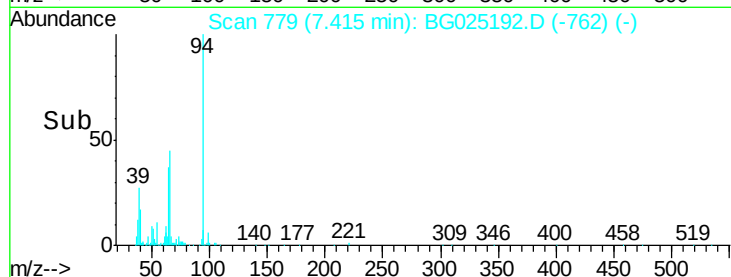
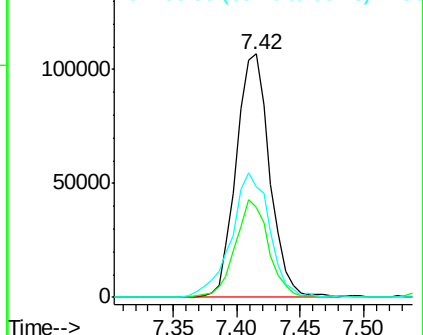
94 100

65 36.7 26.8 40.2

66 45.3 44.4 66.6



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: 19.93 ng/ul

RT: 7.64 min Scan# 818

Delta R.T. -0.00 min

Lab File: BG025192.D

Acq: 15 Dec 2016 1:33

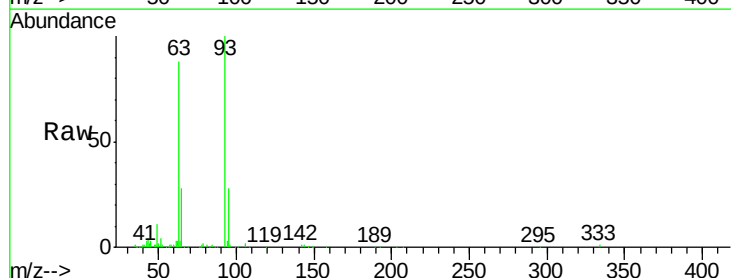
Tgt Ion: 93 Resp: 138600

Ion Ratio Lower Upper

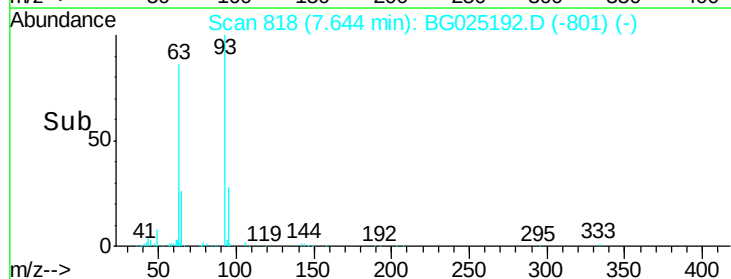
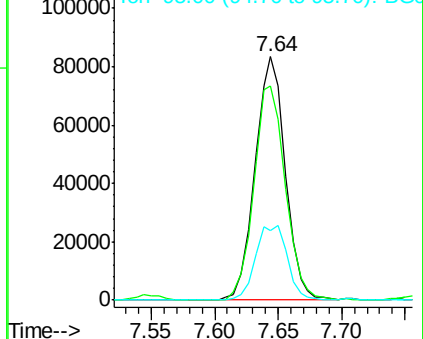
93 100

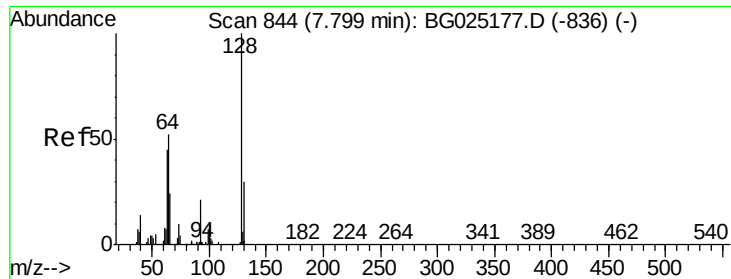
63 88.2 75.5 113.3

95 28.4 29.2 43.8#



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

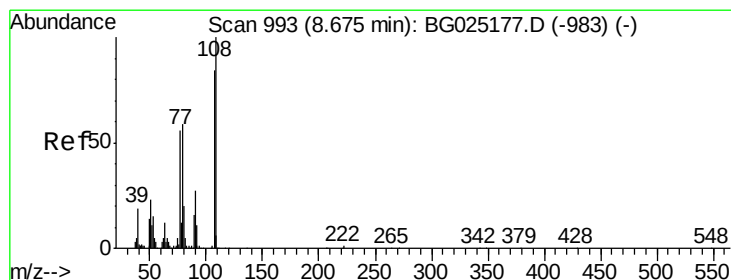
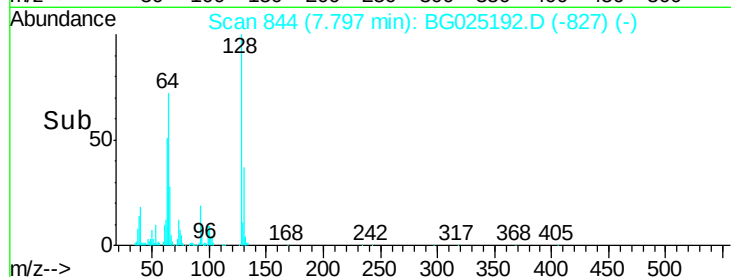
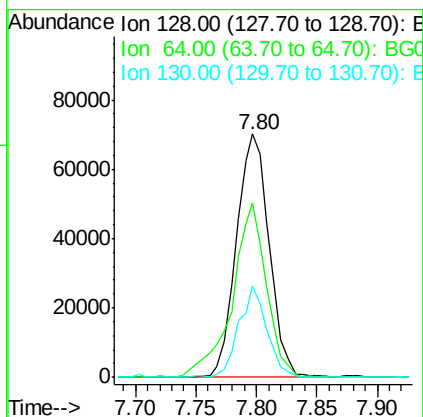
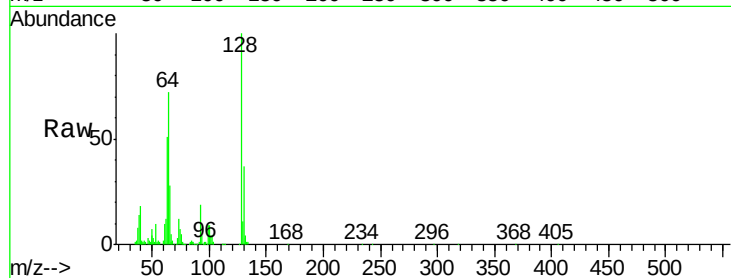




#10  
2-Chlorophenol  
Concen: 20.31 ng/ul  
RT: 7.80 min Scan# 844  
Delta R.T. -0.00 min  
Lab File: BG025192.D  
Acq: 15 Dec 2016 1:33

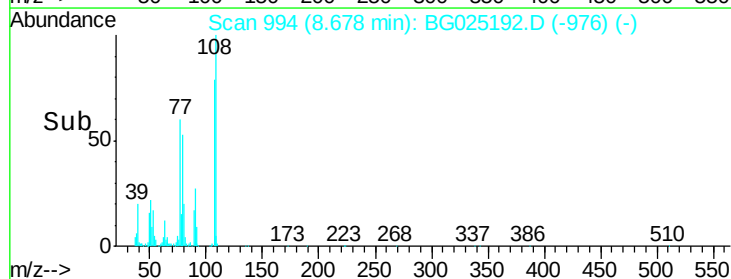
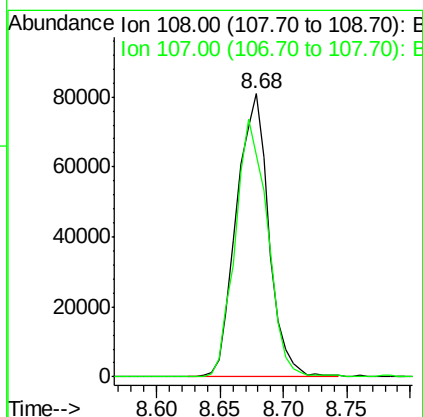
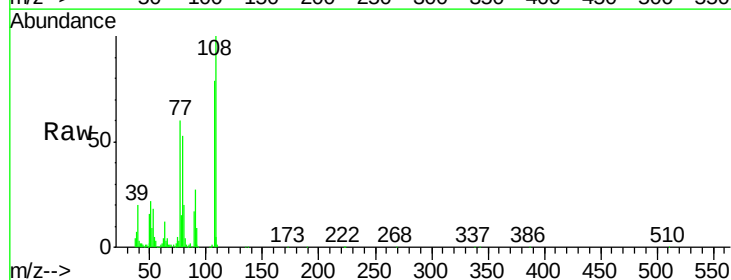
Instrument :  
BNA\_G  
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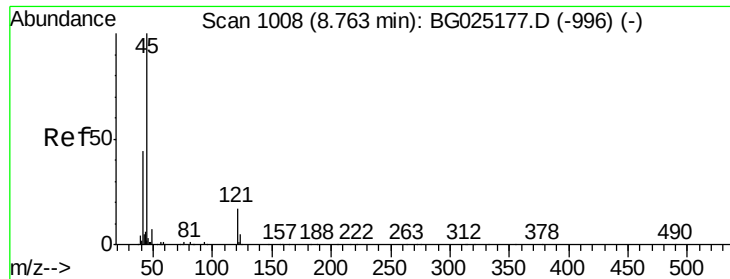
Tgt Ion:128 Resp: 132188  
Ion Ratio Lower Upper  
128 100  
64 71.5 56.3 84.5  
130 37.4 26.7 40.1



#11  
2-Methylphenol  
Concen: 20.47 ng/ul  
RT: 8.68 min Scan# 994  
Delta R.T. 0.00 min  
Lab File: BG025192.D  
Acq: 15 Dec 2016 1:33

Tgt Ion:108 Resp: 143230  
Ion Ratio Lower Upper  
108 100  
107 78.6 76.7 115.1

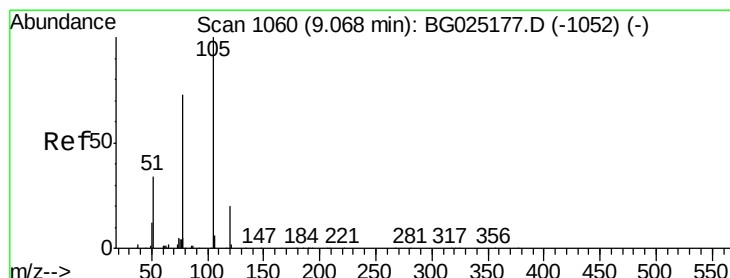
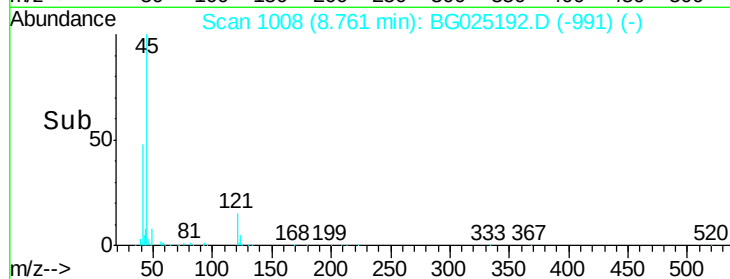
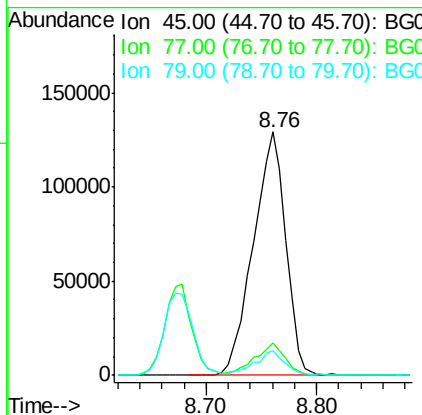
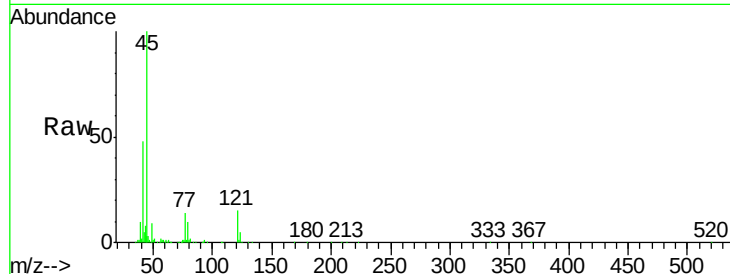




#12  
 2,2'-oxybis(1-chloropropane)  
 Concen: 22.53 ng/ul  
 RT: 8.76 min Scan# 1008  
 Delta R.T. -0.00 min  
 Lab File: BG025192.D  
 Acq: 15 Dec 2016 1:33

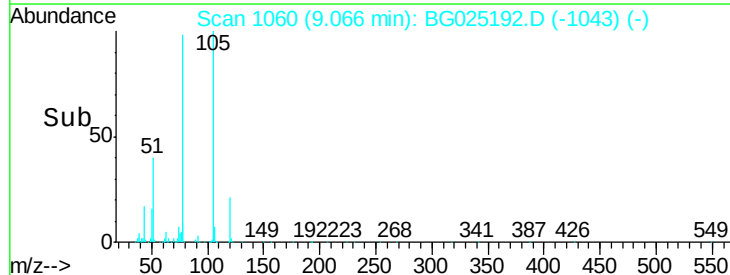
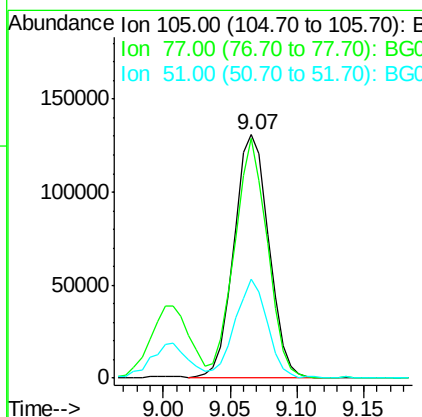
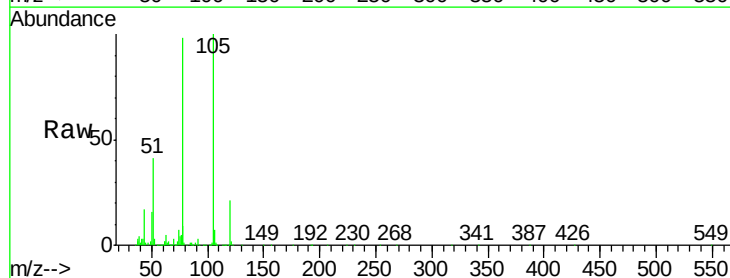
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02007

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 13.5  | 10.0  | 15.0  |
| 79      | 10.1  | 7.3   | 10.9  |

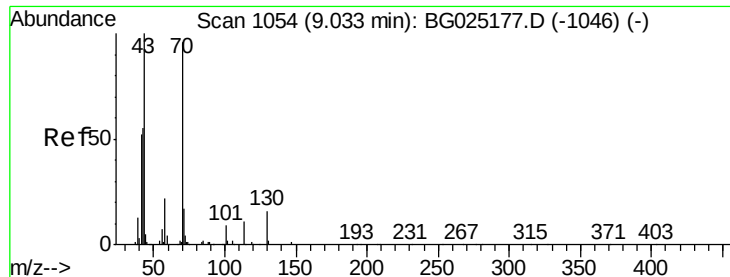


#14  
 Acetophenone  
 Concen: 20.20 ng/ul  
 RT: 9.07 min Scan# 1060  
 Delta R.T. -0.00 min  
 Lab File: BG025192.D  
 Acq: 15 Dec 2016 1:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 77      | 98.4  | 76.0  | 114.0 |
| 51      | 40.7  | 34.8  | 52.2  |



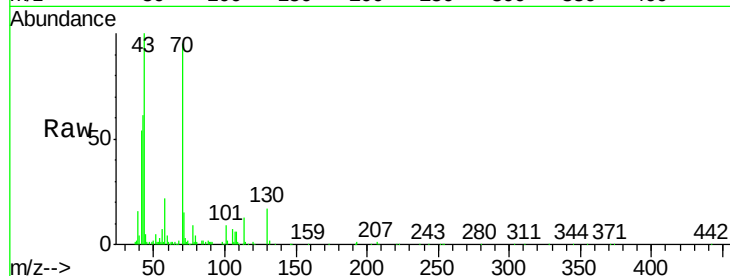




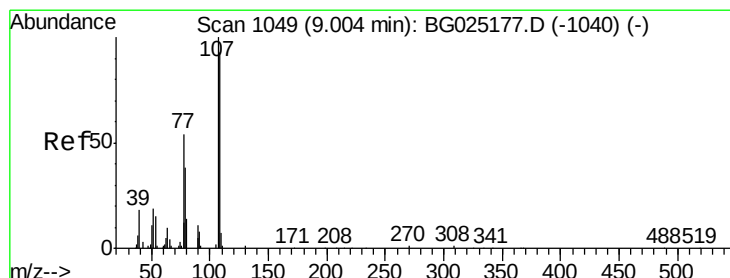
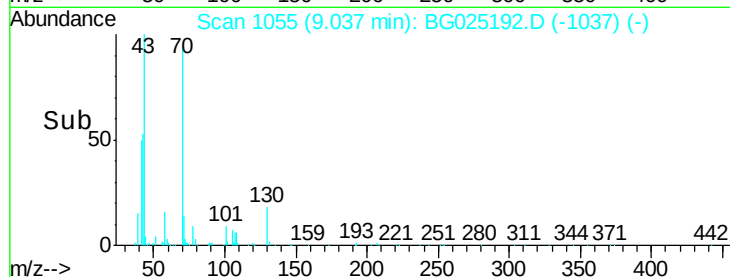
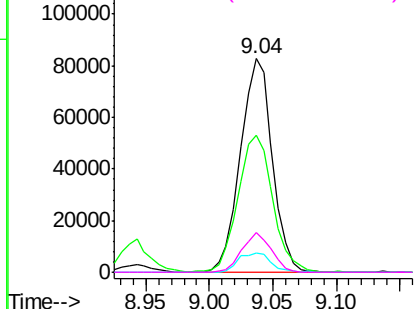
#15  
 N-Nitroso-di-n-propylamine  
 Concen: 21.22 ng/ul  
 RT: 9.04 min Scan# 1055  
 Delta R.T. 0.00 min  
 Lab File: BG025192.D  
 Acq: 15 Dec 2016 1:33

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02007

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 144320 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 64.2  | 59.0  | 88.6   |
| 101      | 9.0   | 6.6   | 9.8    |
| 130      | 18.4  | 15.6  | 23.4   |

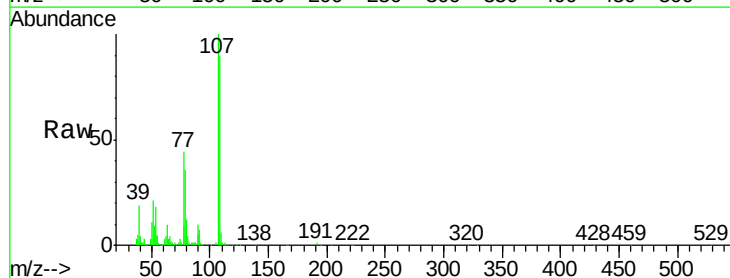


Abundance Ion 70.00 (69.70 to 70.70): BGC  
 Ion 42.00 (41.70 to 42.70): BGC  
 Ion 101.00 (100.70 to 101.70): BGC  
 Ion 130.00 (129.70 to 130.70): BGC

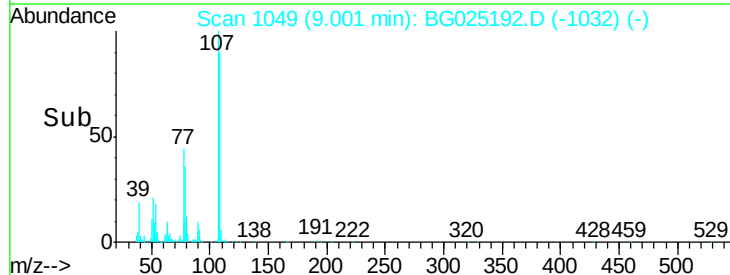
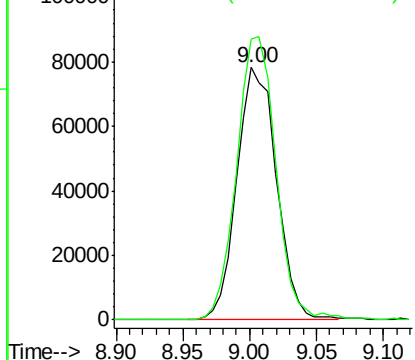


#16  
 4-Methylphenol  
 Concen: 20.59 ng/ul  
 RT: 9.00 min Scan# 1049  
 Delta R.T. -0.00 min  
 Lab File: BG025192.D  
 Acq: 15 Dec 2016 1:33

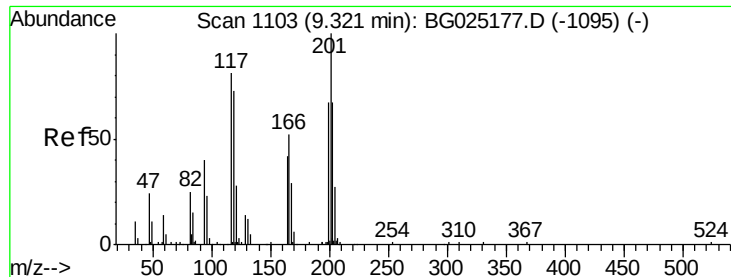
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 108   | Resp: | 160263 |
| Ion      | Ratio | Lower | Upper  |
| 108      | 100   |       |        |
| 107      | 111.3 | 91.7  | 137.5  |



Abundance Ion 108.00 (107.70 to 108.70): BGC  
 Ion 107.00 (106.70 to 107.70): BGC



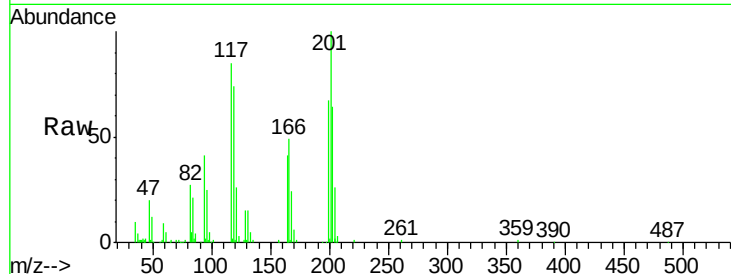




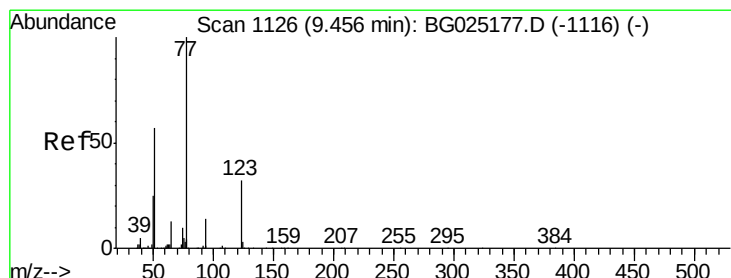
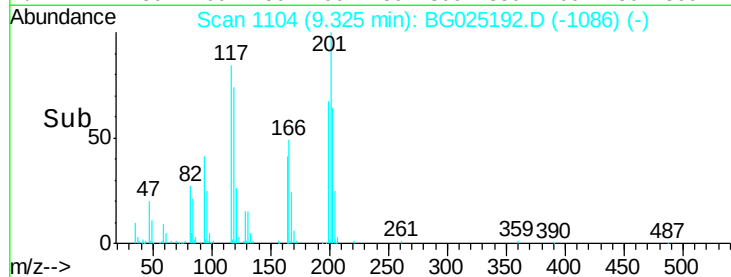
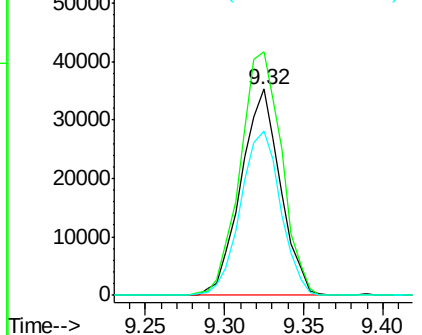
#17  
Hexachloroethane  
Concen: 21.10 ng/ul  
RT: 9.32 min Scan# 1104  
Delta R.T. 0.00 min  
Lab File: BG025192.D  
Acq: 15 Dec 2016 1:33

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02007

Tgt Ion:117 Resp: 60854  
Ion Ratio Lower Upper  
117 100  
201 117.9 91.9 137.9  
199 79.5 64.3 96.5

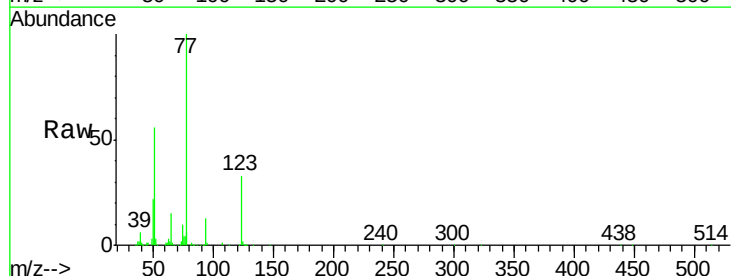


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 201.00 (200.70 to 201.70): E  
Ion 199.00 (198.70 to 199.70): E

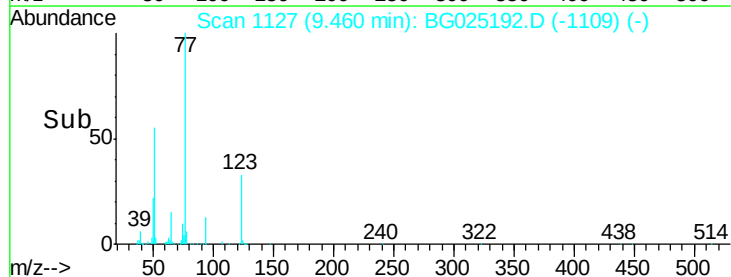
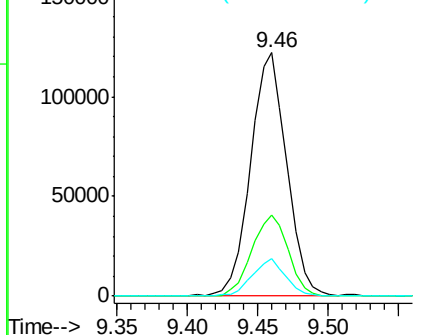


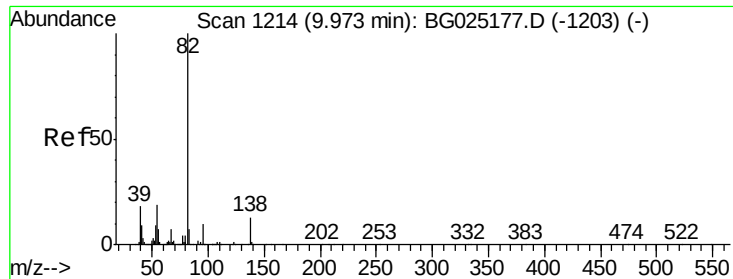
#20  
Nitrobenzene  
Concen: 20.87 ng/ul  
RT: 9.46 min Scan# 1127  
Delta R.T. 0.00 min  
Lab File: BG025192.D  
Acq: 15 Dec 2016 1:33

Tgt Ion: 77 Resp: 219107  
Ion Ratio Lower Upper  
77 100  
123 33.2 27.4 41.0  
65 15.3 13.3 19.9



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





#21

Isophorone

Concen: 19.77 ng/ul

RT: 9.97 min Scan# 1214

Delta R.T. -0.00 min

Lab File: BG025192.D

Acq: 15 Dec 2016 1:33

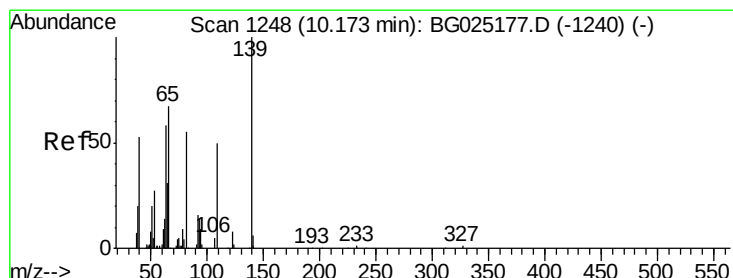
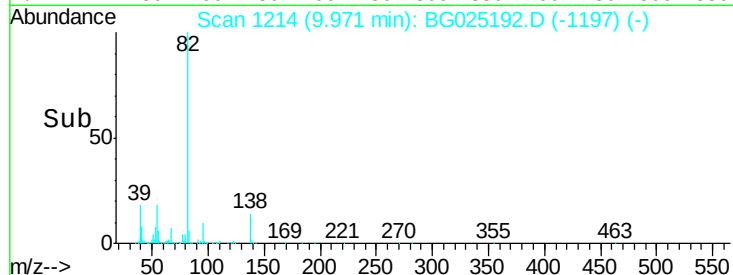
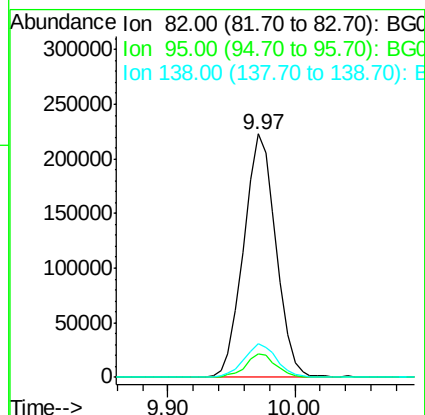
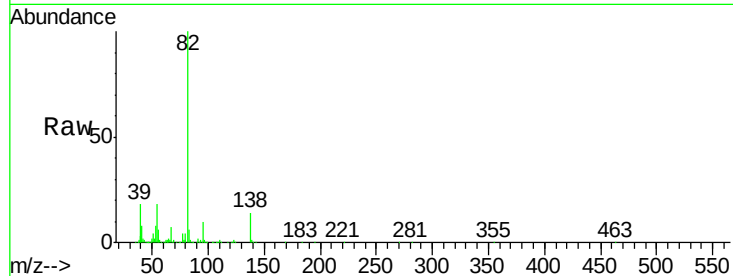
Instrument :

BNA\_G

ClientSampleId :

SSTD02007

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 392807 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 9.7   | 7.8   | 11.6   |
| 138       | 13.7  | 12.2  | 18.2   |



#23

2-Nitrophenol

Concen: 20.01 ng/ul

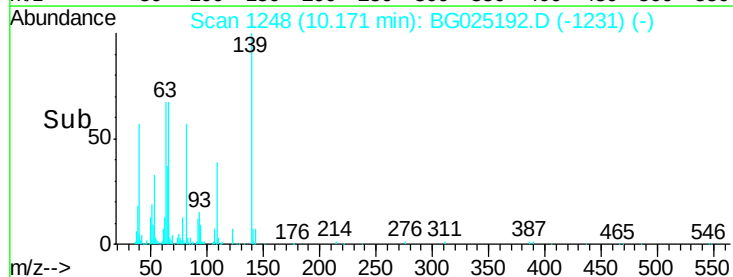
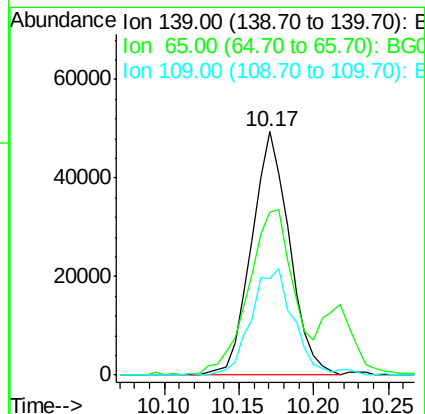
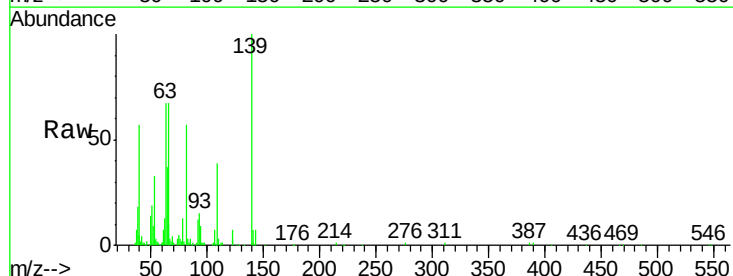
RT: 10.17 min Scan# 1248

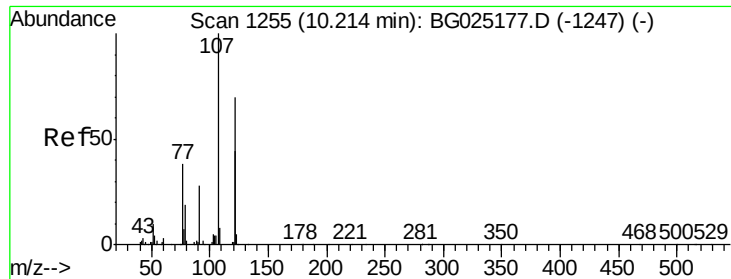
Delta R.T. -0.00 min

Lab File: BG025192.D

Acq: 15 Dec 2016 1:33

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 86456  |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 65        | 67.0  | 67.0  | 100.6# |
| 109       | 39.4  | 39.6  | 59.4#  |

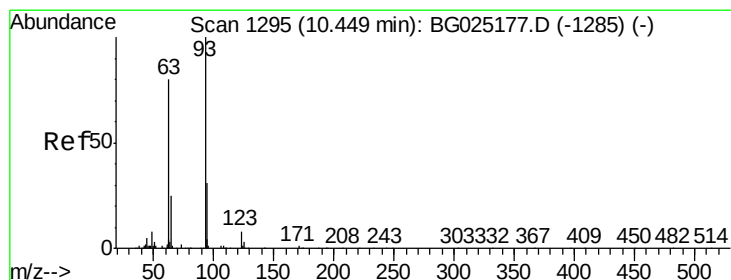
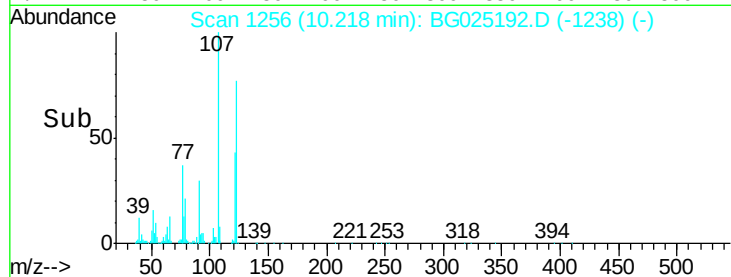
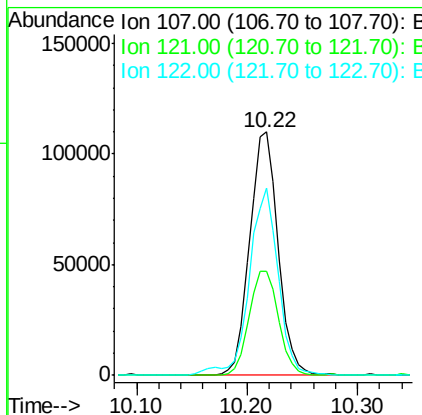
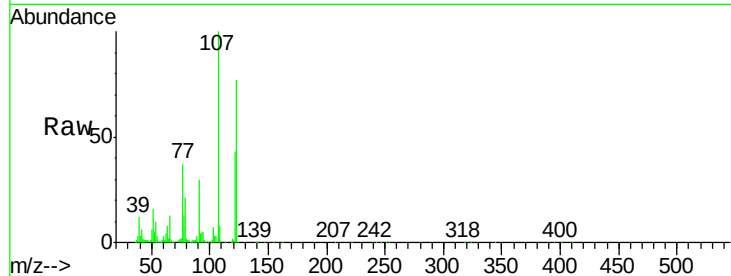




#24  
 2,4-Dimethylphenol  
 Concen: 20.24 ng/ul  
 RT: 10.22 min Scan# 1256  
 Delta R.T. 0.00 min  
 Lab File: BG025192.D  
 Acq: 15 Dec 2016 1:33

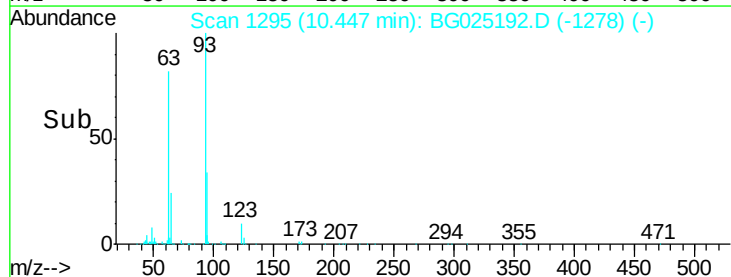
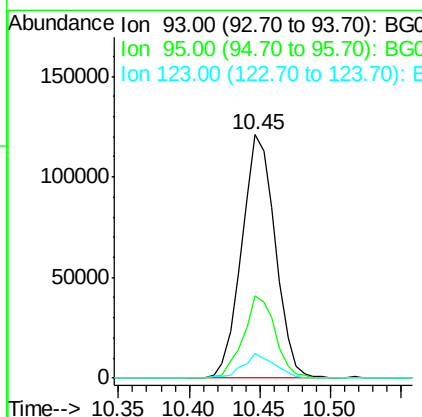
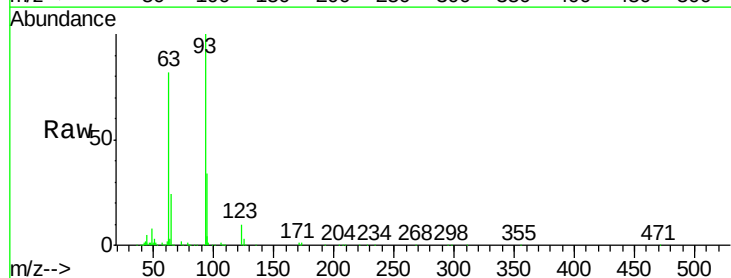
Instrument :  
 BNA\_G  
 ClientSampled :  
 SSTD02007

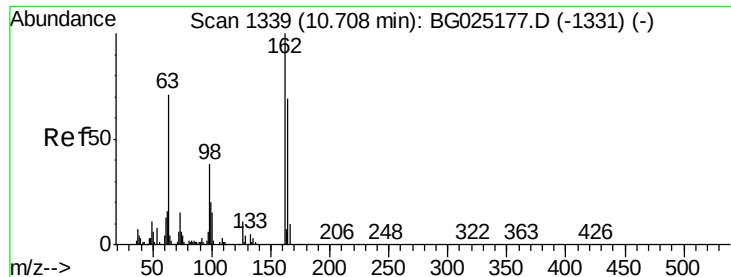
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 121     | 43.0  | 32.3  | 48.5  |
| 122     | 77.1  | 61.2  | 91.8  |



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 19.90 ng/ul  
 RT: 10.45 min Scan# 1295  
 Delta R.T. -0.00 min  
 Lab File: BG025192.D  
 Acq: 15 Dec 2016 1:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.7  | 23.4  | 35.0  |
| 123     | 10.4  | 7.8   | 11.6  |

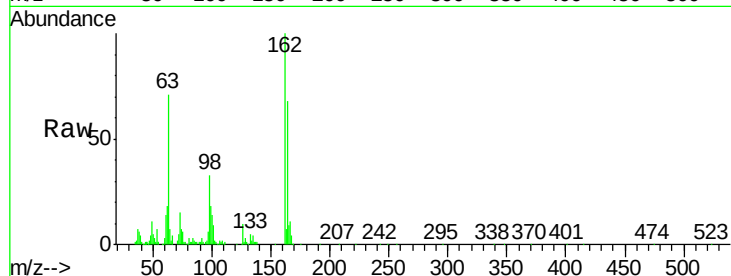




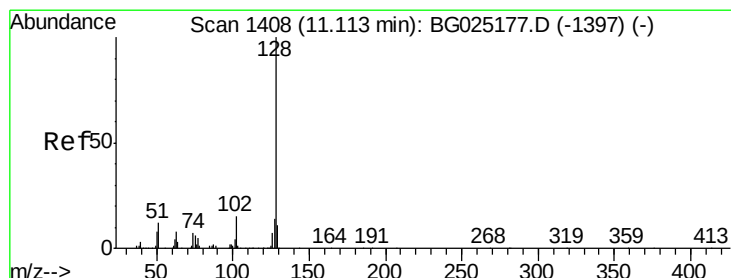
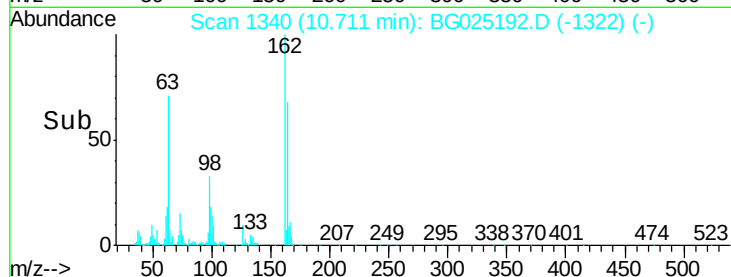
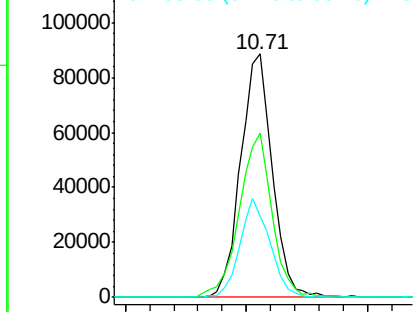
#27  
2,4-Dichlorophenol  
Concen: 20.35 ng/ul  
RT: 10.71 min Scan# 1340  
Delta R.T. 0.00 min  
Lab File: BG025192.D  
Acq: 15 Dec 2016 1:33

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02007

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 67.5  | 50.8  | 76.2  |
| 98      | 33.4  | 32.1  | 48.1  |

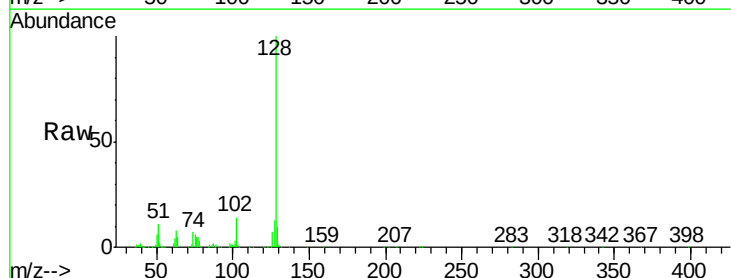


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): B

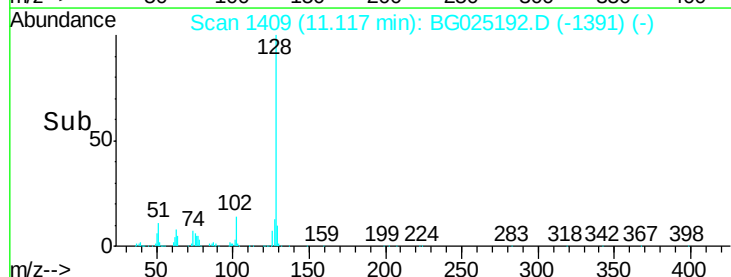
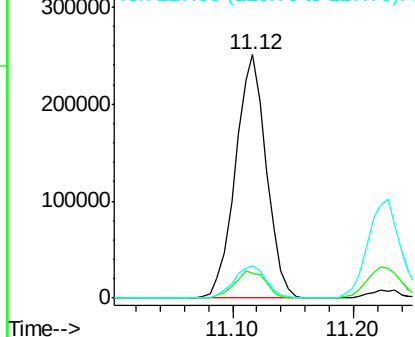


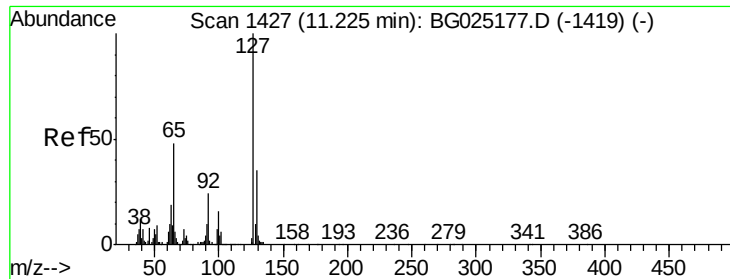
#28  
Naphthalene  
Concen: 19.85 ng/ul  
RT: 11.12 min Scan# 1409  
Delta R.T. 0.00 min  
Lab File: BG025192.D  
Acq: 15 Dec 2016 1:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.0  | 9.4   | 14.2  |
| 127     | 13.4  | 10.3  | 15.5  |



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

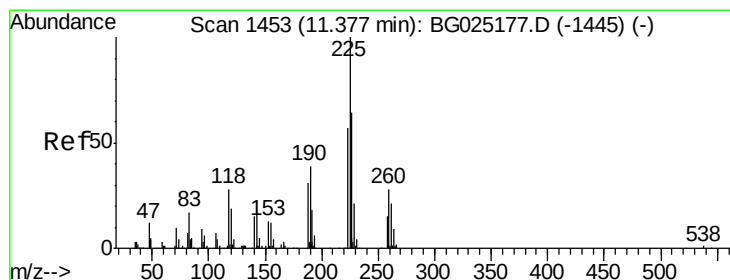
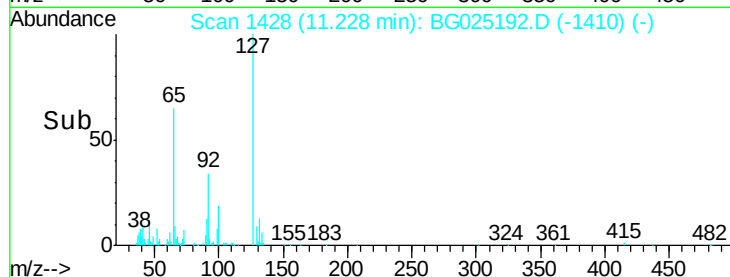
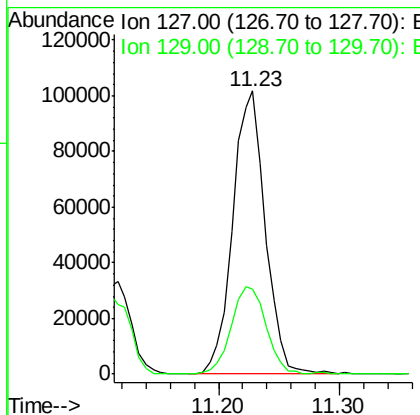
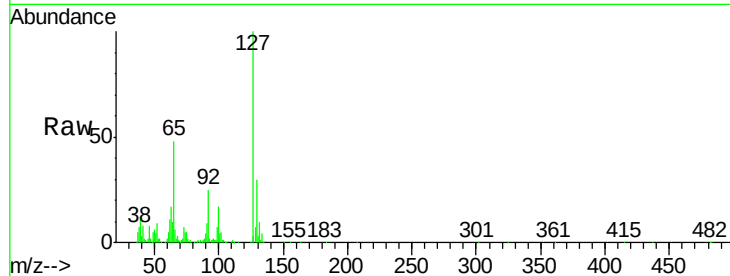




#30  
 4-Chloroaniline  
 Concen: 23.15 ng/ul  
 RT: 11.23 min Scan# 1428  
 Delta R.T. 0.00 min  
 Lab File: BG025192.D  
 Acq: 15 Dec 2016 1:33

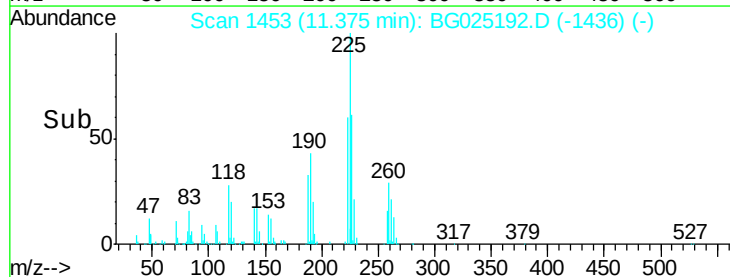
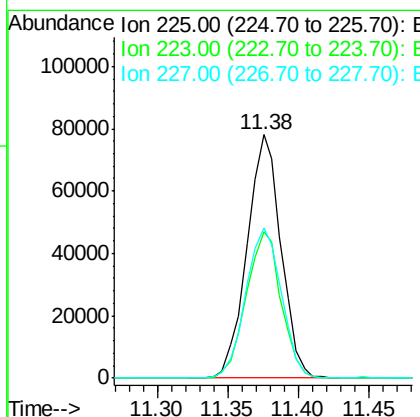
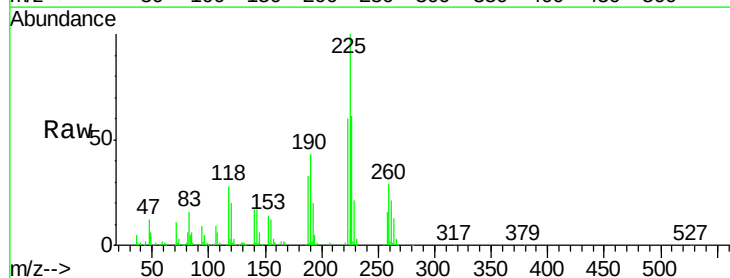
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02007

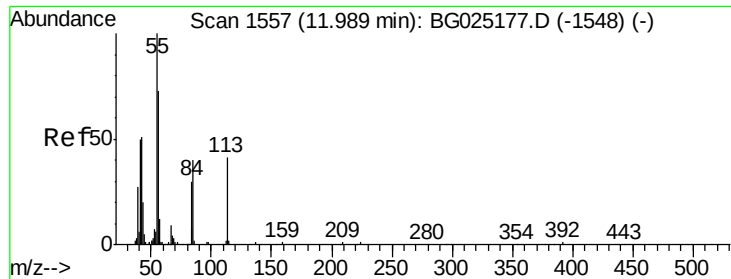
Tgt Ion:127 Resp: 190562  
 Ion Ratio Lower Upper  
 127 100  
 129 30.2 28.9 43.3



#31  
 Hexachlorobutadiene  
 Concen: 19.21 ng/ul  
 RT: 11.38 min Scan# 1453  
 Delta R.T. -0.00 min  
 Lab File: BG025192.D  
 Acq: 15 Dec 2016 1:33

Tgt Ion:225 Resp: 131356  
 Ion Ratio Lower Upper  
 225 100  
 223 60.1 45.9 68.9  
 227 61.5 44.7 67.1





#32

Caprolactam

Concen: 14.52 ng/ul

RT: 11.99 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BG025192.D

Acq: 15 Dec 2016 1:33

Instrument :

BNA\_G

ClientSampleId :

SSTD02007

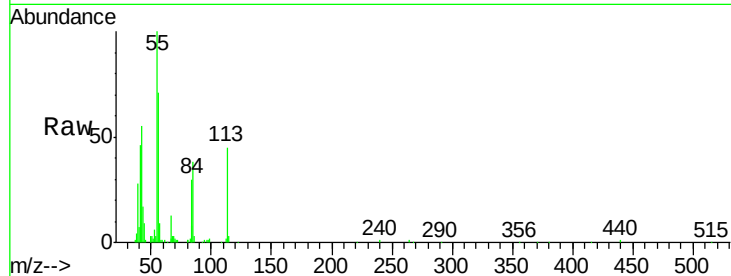
Tgt Ion:113 Resp: 47973

Ion Ratio Lower Upper

113 100

55 223.5 168.6 252.8

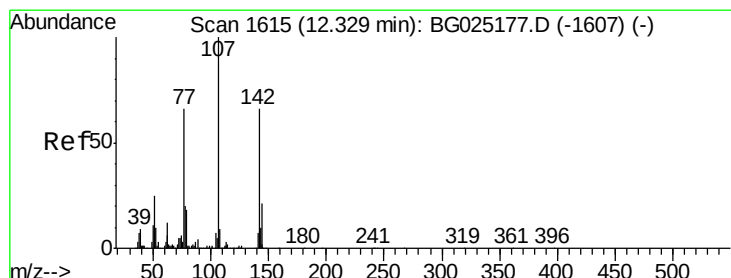
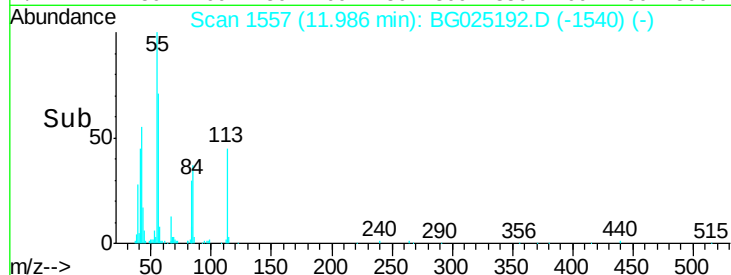
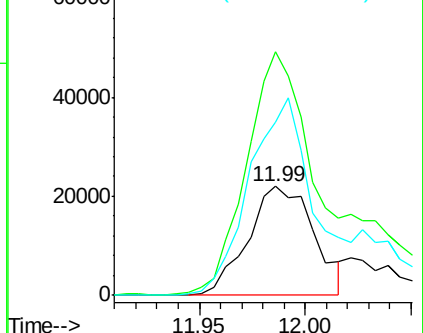
56 158.9 128.5 192.7



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: 20.34 ng/ul

RT: 12.33 min Scan# 1615

Delta R.T. -0.00 min

Lab File: BG025192.D

Acq: 15 Dec 2016 1:33

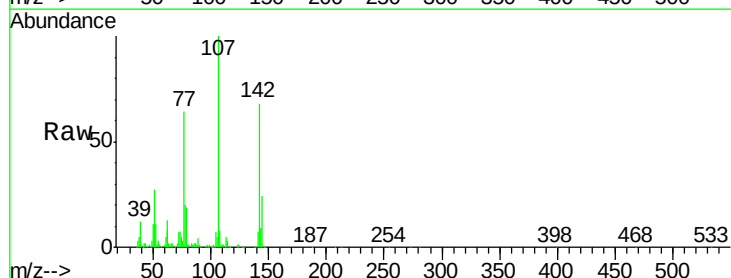
Tgt Ion:107 Resp: 199394

Ion Ratio Lower Upper

107 100

144 24.2 18.2 27.4

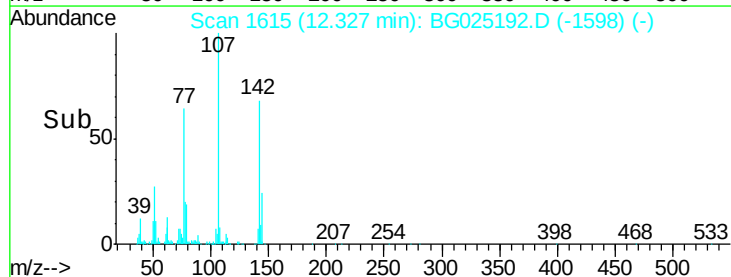
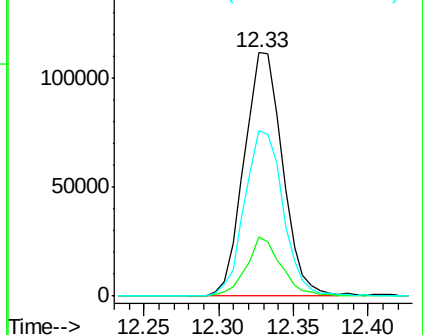
142 67.9 55.0 82.4

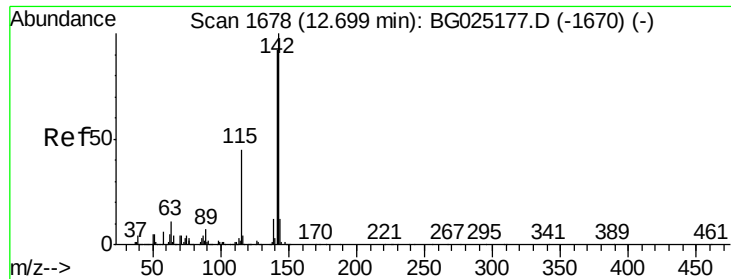


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

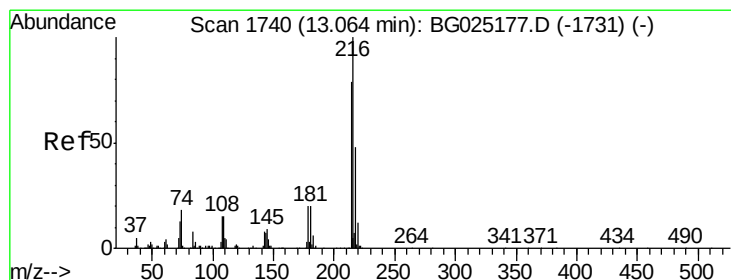
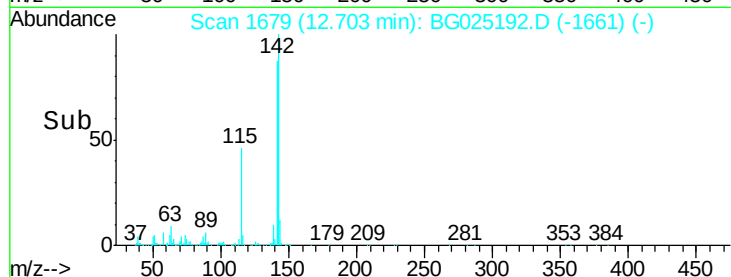
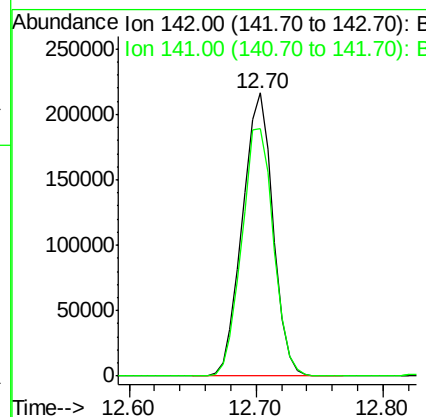
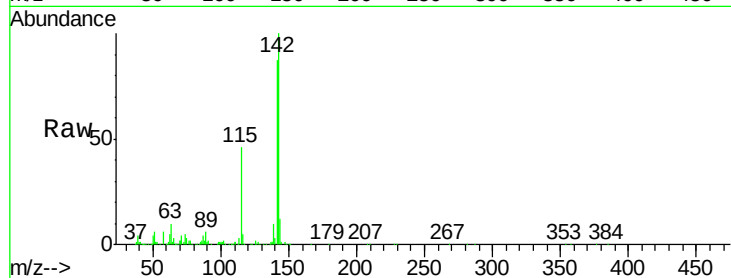




#34  
 2-Methylnaphthalene  
 Concen: 20.38 ng/ul  
 RT: 12.70 min Scan# 1679  
 Delta R.T. 0.00 min  
 Lab File: BG025192.D  
 Acq: 15 Dec 2016 1:33

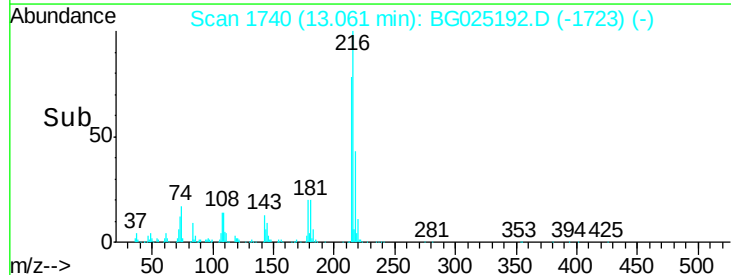
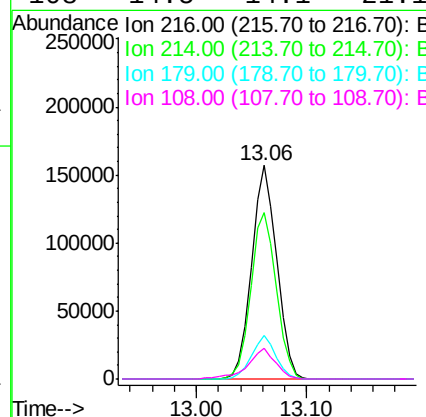
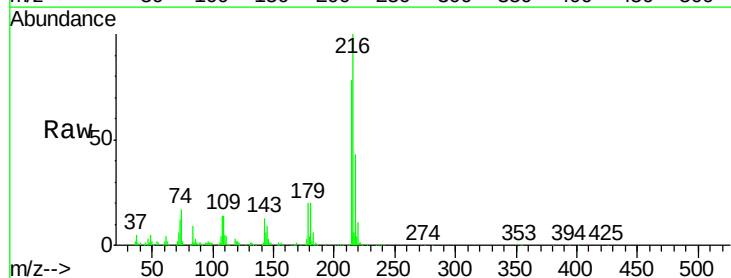
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02007

Tgt Ion:142 Resp: 360797  
 Ion Ratio Lower Upper  
 142 100  
 141 87.4 68.6 102.8

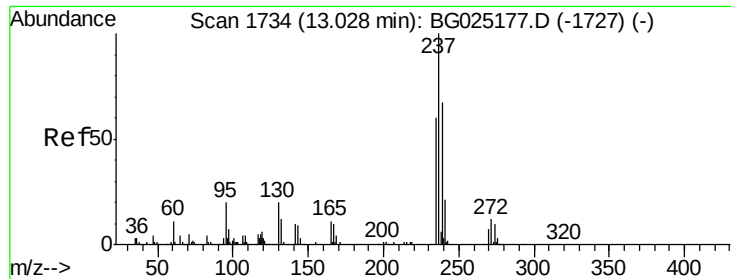


#36  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 20.80 ng/ul  
 RT: 13.06 min Scan# 1740  
 Delta R.T. -0.00 min  
 Lab File: BG025192.D  
 Acq: 15 Dec 2016 1:33

Tgt Ion:216 Resp: 250547  
 Ion Ratio Lower Upper  
 216 100  
 214 78.2 67.0 100.6  
 179 20.2 18.1 27.1  
 108 14.5 14.1 21.1



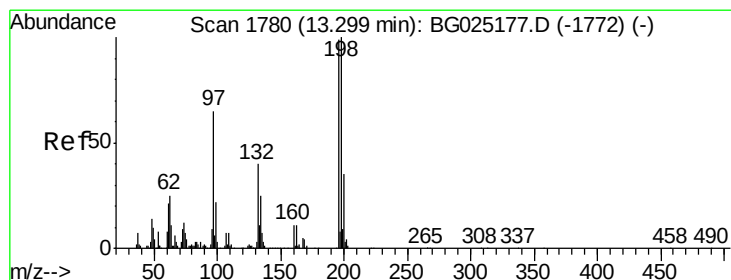
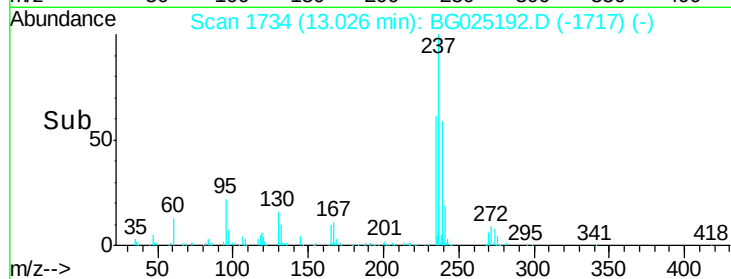
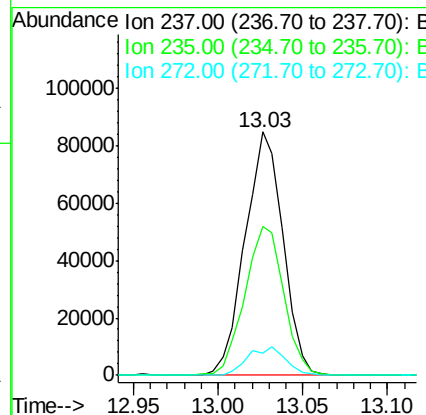
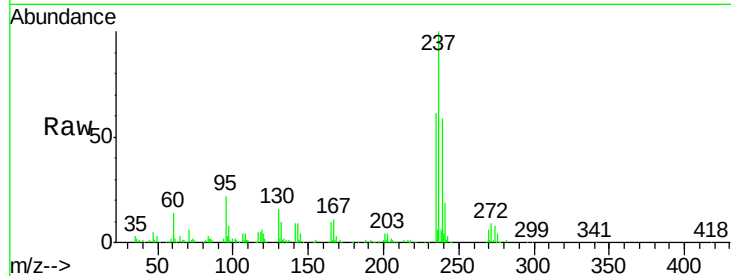




#37  
Hexachlorocyclopentadiene  
Concen: 18.72 ng/ul  
RT: 13.03 min Scan# 1734  
Delta R.T. -0.00 min  
Lab File: BG025192.D  
Acq: 15 Dec 2016 1:33

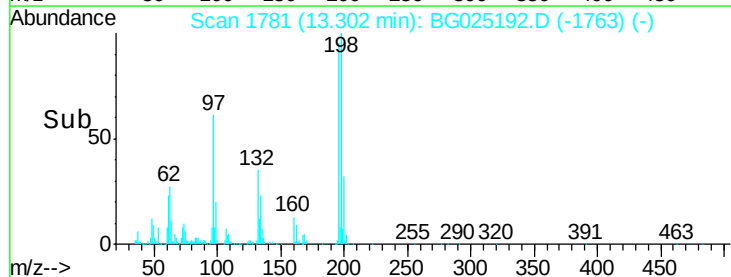
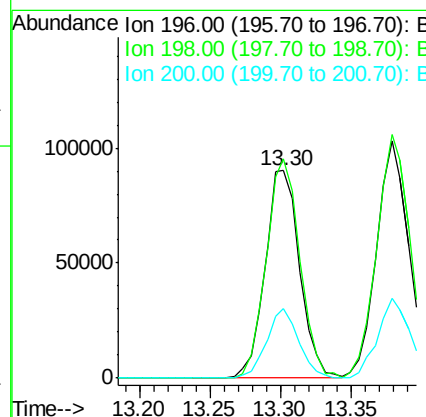
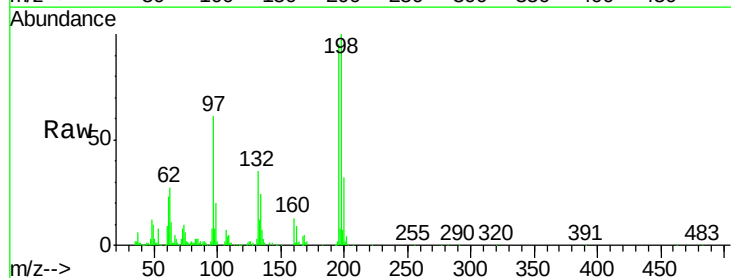
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02007

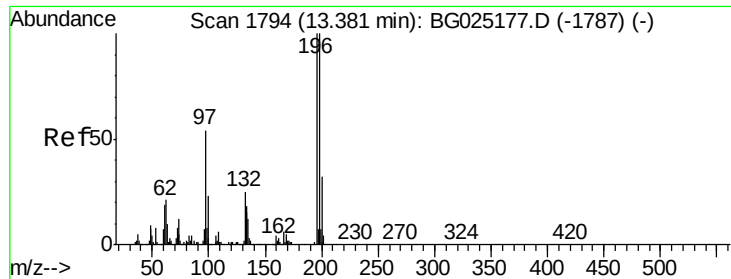
Tgt Ion:237 Resp: 132368  
Ion Ratio Lower Upper  
237 100  
235 61.1 50.2 75.4  
272 8.9 10.6 16.0#



#38  
2,4,6-Trichlorophenol  
Concen: 20.47 ng/ul  
RT: 13.30 min Scan# 1781  
Delta R.T. 0.00 min  
Lab File: BG025192.D  
Acq: 15 Dec 2016 1:33

Tgt Ion:196 Resp: 154901  
Ion Ratio Lower Upper  
196 100  
198 105.5 71.4 107.2  
200 33.3 24.6 37.0

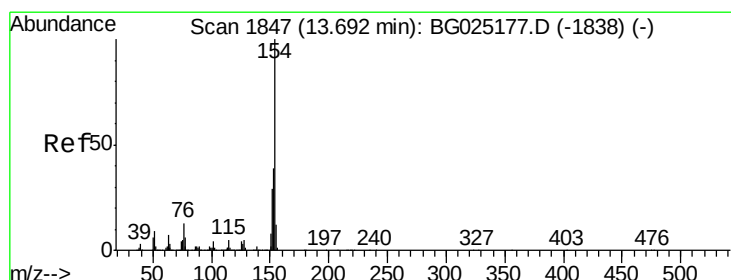
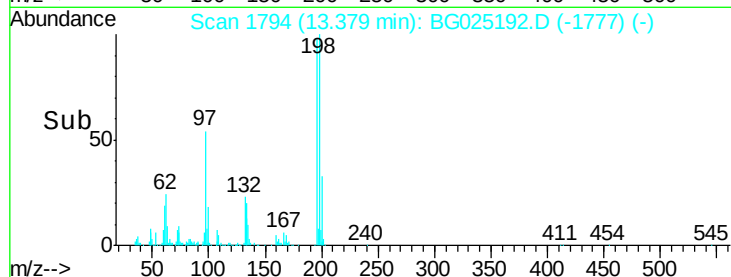
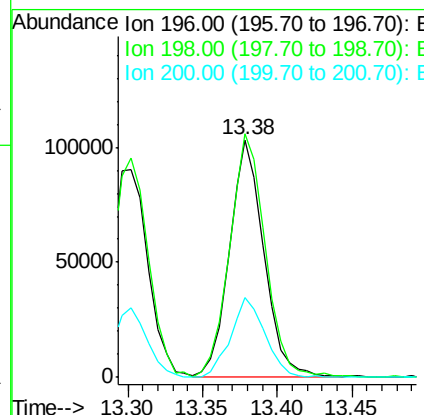
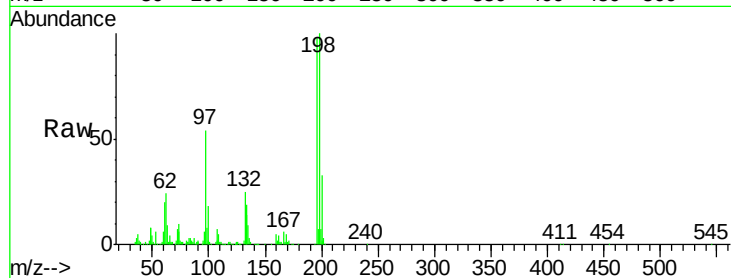




#39  
 2,4,5-Trichlorophenol  
 Concen: 19.94 ng/ul  
 RT: 13.38 min Scan# 1794  
 Delta R.T. -0.00 min  
 Lab File: BG025192.D  
 Acq: 15 Dec 2016 1:33

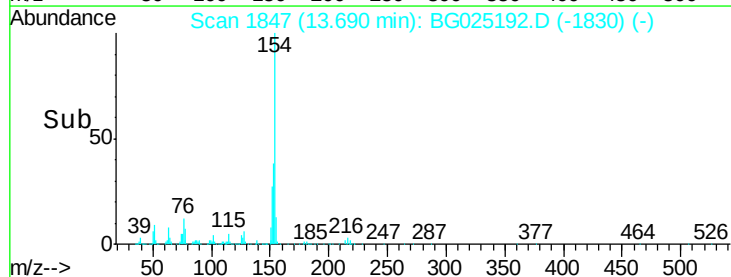
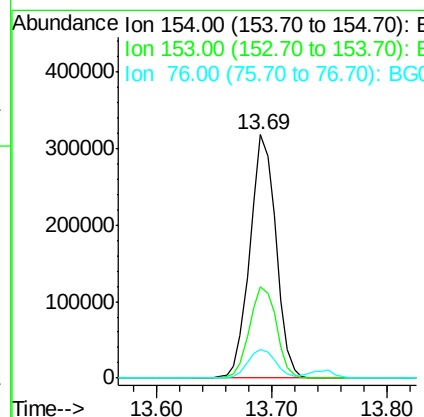
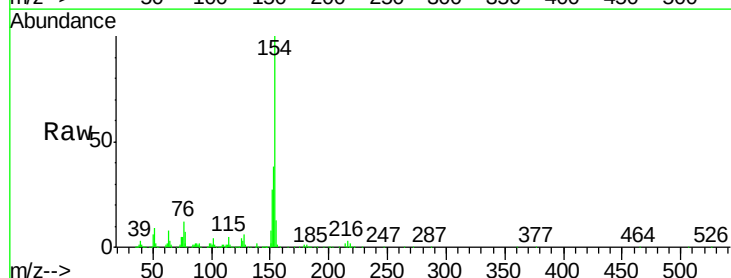
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02007

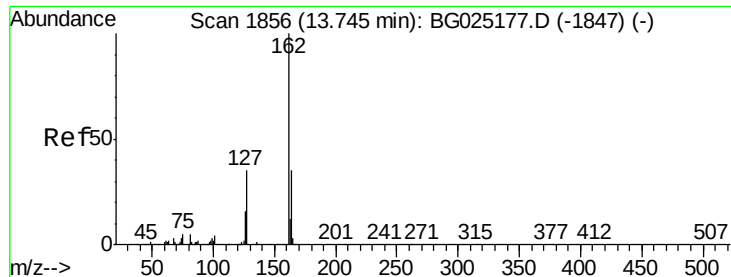
Tgt Ion:196 Resp: 165372  
 Ion Ratio Lower Upper  
 196 100  
 198 102.5 78.6 118.0  
 200 33.8 27.3 40.9



#40  
 1,1'-Biphenyl  
 Concen: 20.61 ng/ul  
 RT: 13.69 min Scan# 1847  
 Delta R.T. -0.00 min  
 Lab File: BG025192.D  
 Acq: 15 Dec 2016 1:33

Tgt Ion:154 Resp: 499470  
 Ion Ratio Lower Upper  
 154 100  
 153 37.7 32.2 48.2  
 76 11.5 9.6 14.4

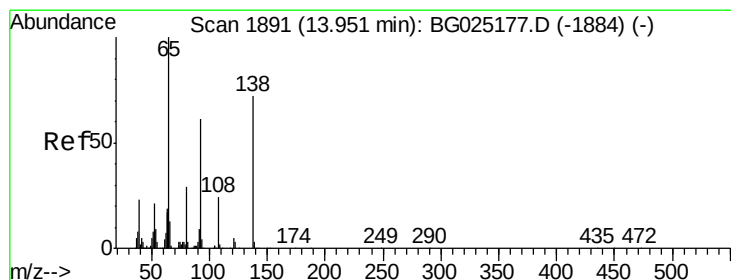
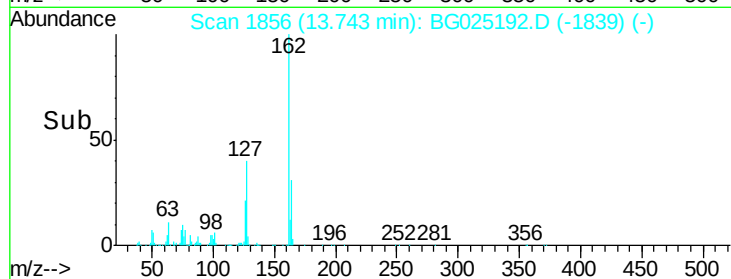
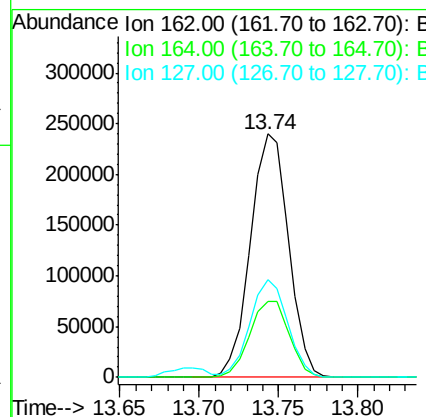
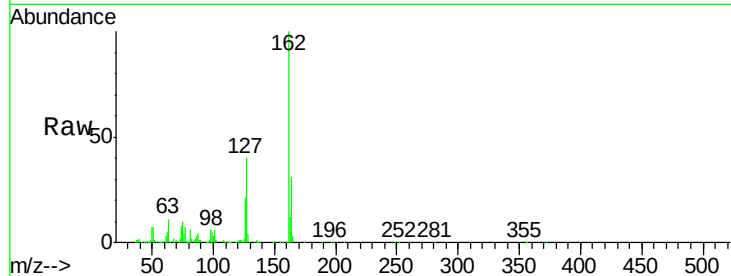




#41  
 2-Chloronaphthalene  
 Concen: 20.80 ng/ul  
 RT: 13.74 min Scan# 1856  
 Delta R.T. -0.00 min  
 Lab File: BG025192.D  
 Acq: 15 Dec 2016 1:33

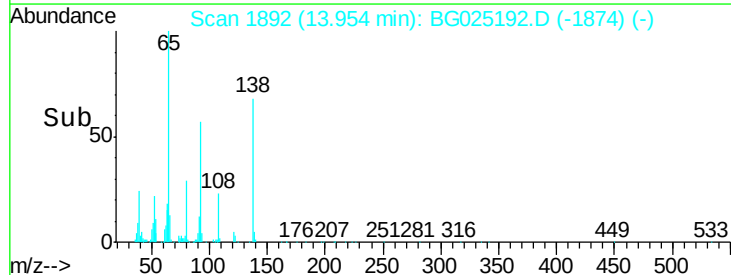
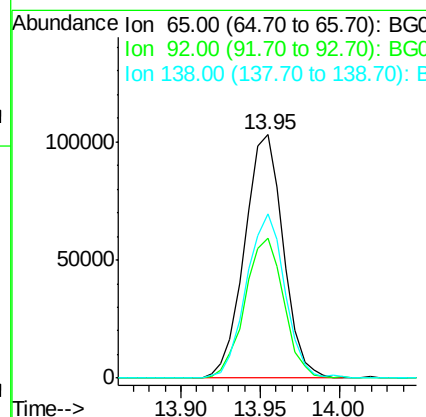
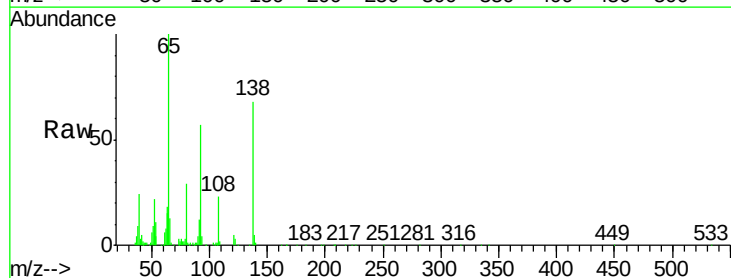
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02007

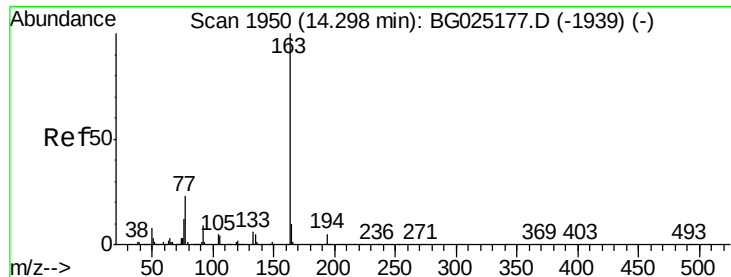
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 31.3  | 25.0  | 37.6  |
| 127     | 40.0  | 30.7  | 46.1  |



#42  
 2-Nitroaniline  
 Concen: 23.19 ng/ul  
 RT: 13.95 min Scan# 1892  
 Delta R.T. 0.00 min  
 Lab File: BG025192.D  
 Acq: 15 Dec 2016 1:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 57.5  | 50.9  | 76.3  |
| 138     | 67.7  | 61.8  | 92.6  |





#44

Dimethylphthalate

Concen: 19.58 ng/ul

RT: 14.30 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG025192.D

Acq: 15 Dec 2016 1:33

Instrument :

BNA\_G

ClientSampleId :

SSTD02007

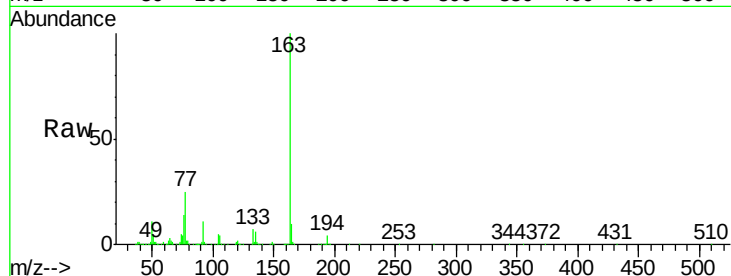
Tgt Ion:163 Resp: 528883

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.0

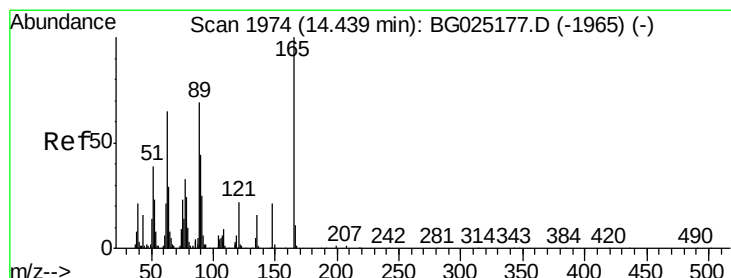
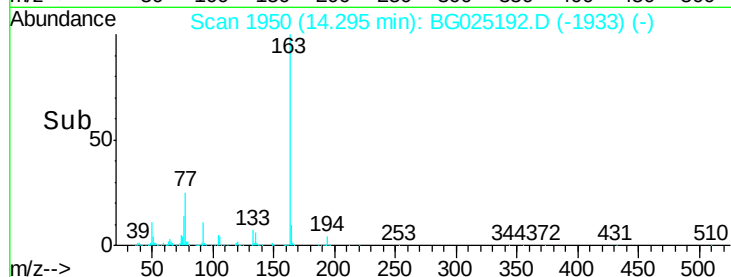
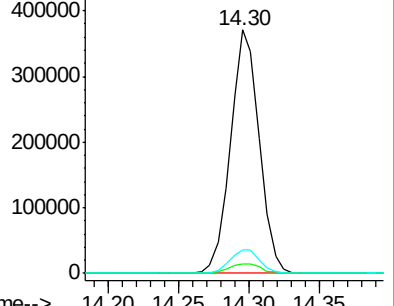
164 9.9 9.0 13.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 20.06 ng/ul

RT: 14.44 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BG025192.D

Acq: 15 Dec 2016 1:33

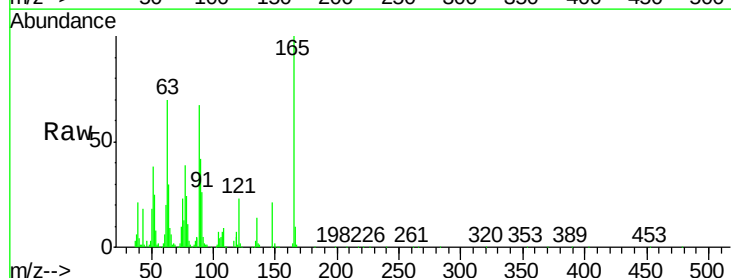
Tgt Ion:165 Resp: 116433

Ion Ratio Lower Upper

165 100

89 67.3 52.9 79.3

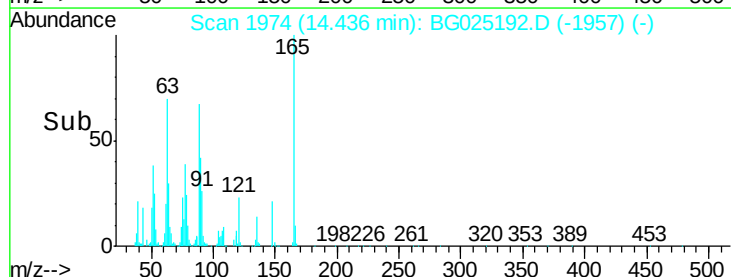
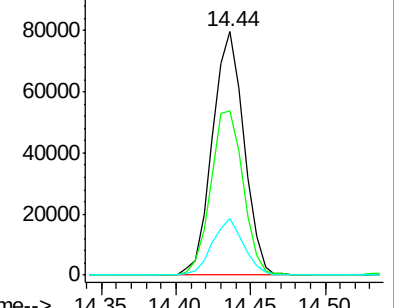
121 23.5 22.2 33.4

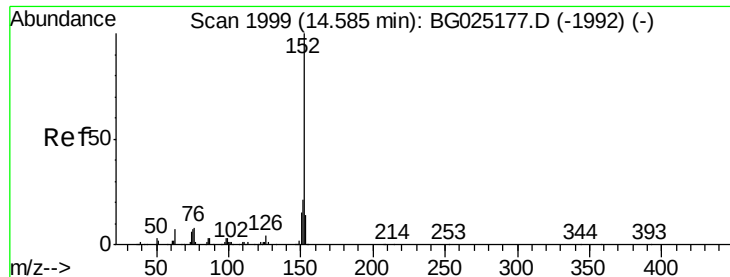


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 20.50 ng/ul

RT: 14.58 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BG025192.D

Acq: 15 Dec 2016 1:33

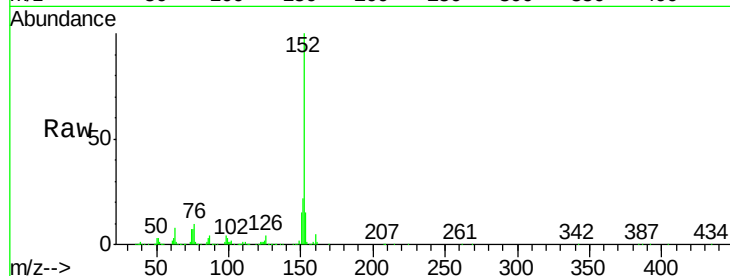
Instrument :

BNA\_G

ClientSampleId :

SSTD02007

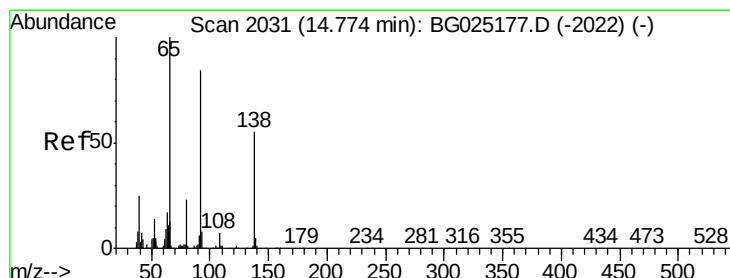
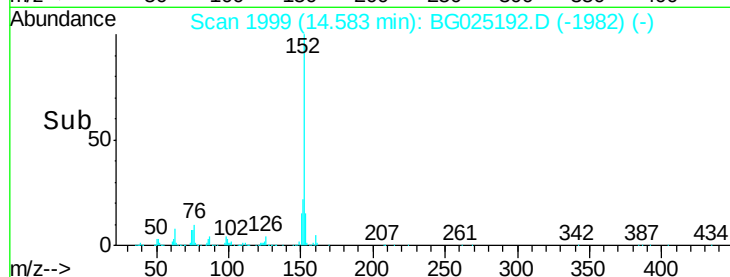
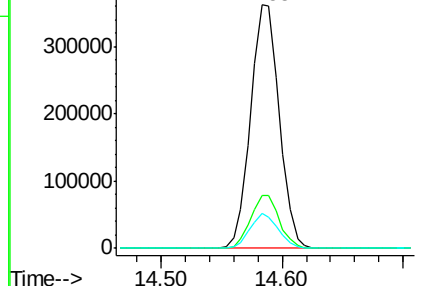
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 600075 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 151      | 21.9  | 16.7  | 25.1   |
| 153      | 14.6  | 11.4  | 17.2   |



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 21.95 ng/ul

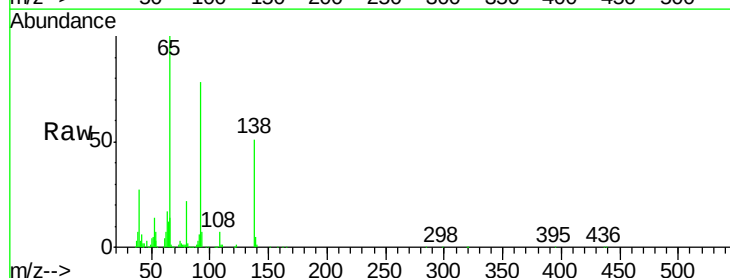
RT: 14.77 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BG025192.D

Acq: 15 Dec 2016 1:33

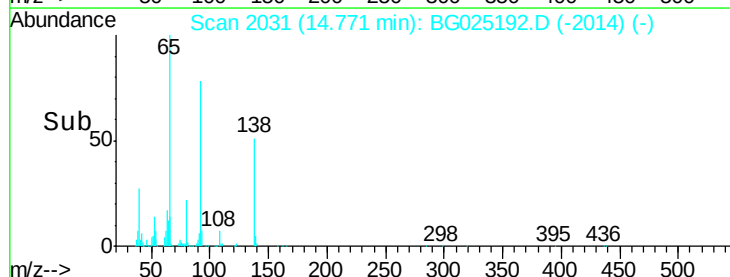
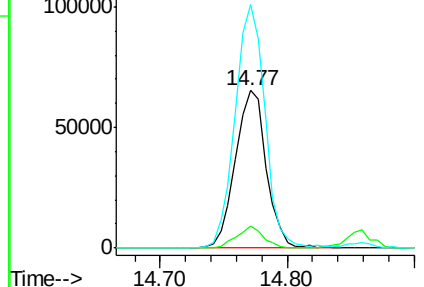
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 138   | Resp: | 110357 |
| Ion      | Ratio | Lower | Upper  |
| 138      | 100   |       |        |
| 108      | 13.7  | 6.3   | 9.5#   |
| 92       | 154.3 | 106.4 | 159.6  |

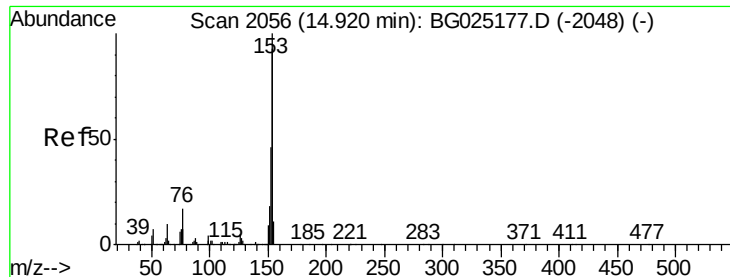


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#49

Acenaphthene

Concen: 21.01 ng/ul

RT: 14.92 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BG025192.D

Acq: 15 Dec 2016 1:33

Instrument :

BNA\_G

ClientSampleId :

SSTD02007

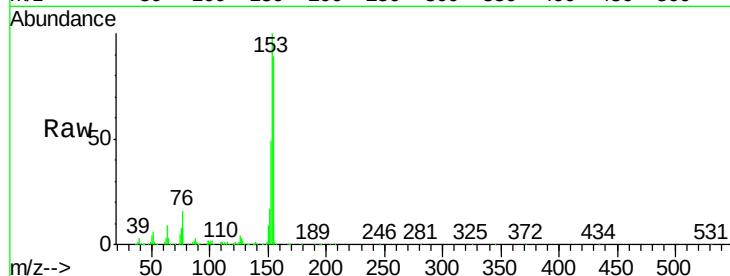
Tgt Ion:153 Resp: 421314

Ion Ratio Lower Upper

153 100

152 48.7 36.5 54.7

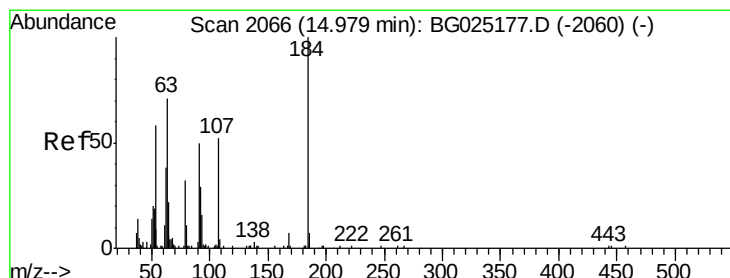
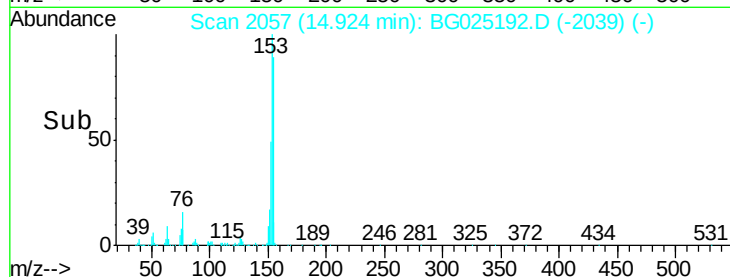
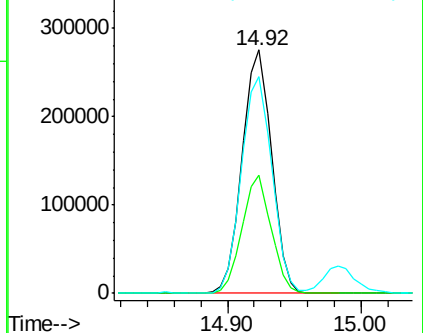
154 89.1 72.3 108.5



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



#50

2,4-Dinitrophenol

Concen: 18.16 ng/ul

RT: 14.98 min Scan# 2067

Delta R.T. 0.00 min

Lab File: BG025192.D

Acq: 15 Dec 2016 1:33

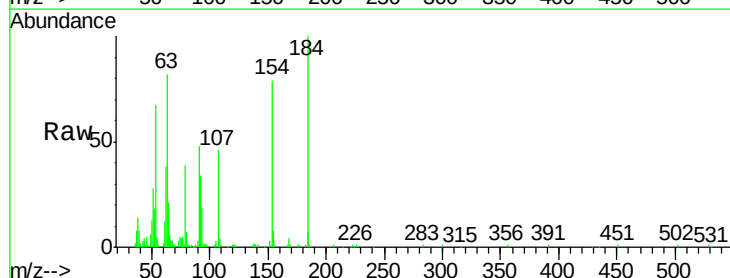
Tgt Ion:184 Resp: 68509

Ion Ratio Lower Upper

184 100

63 81.8 65.1 97.7

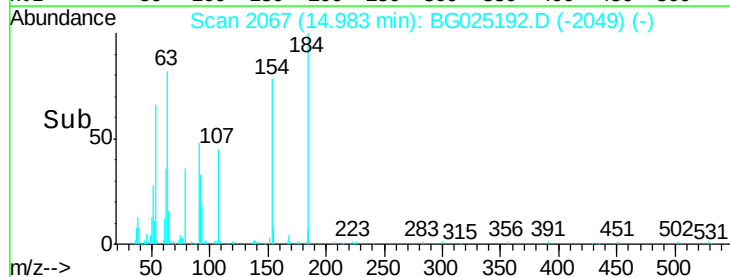
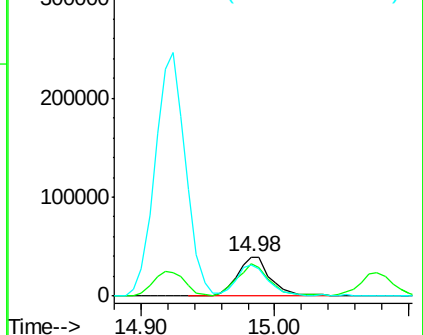
154 78.7 68.2 102.4

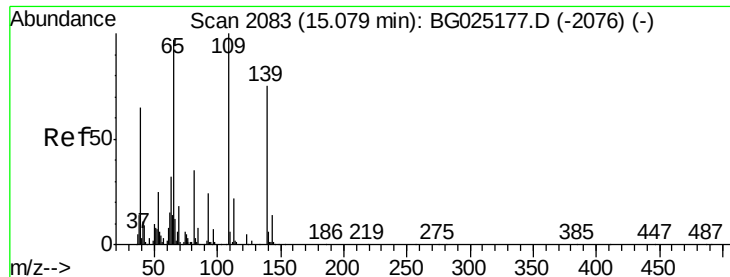


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 19.10 ng/ul

RT: 15.08 min Scan# 2083

Delta R.T. -0.00 min

Lab File: BG025192.D

Acq: 15 Dec 2016 1:33

Instrument :

BNA\_G

ClientSampleId :

SSTD02007

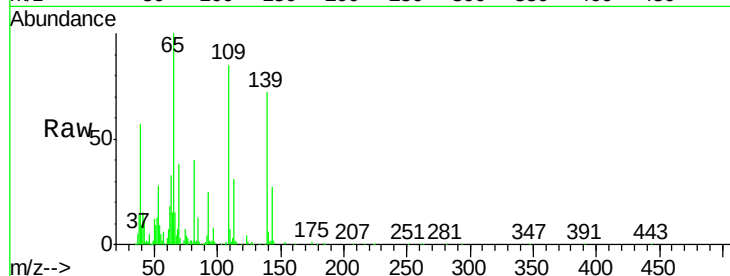
Tgt Ion:109 Resp: 108511

Ion Ratio Lower Upper

109 100

139 84.3 62.6 93.8

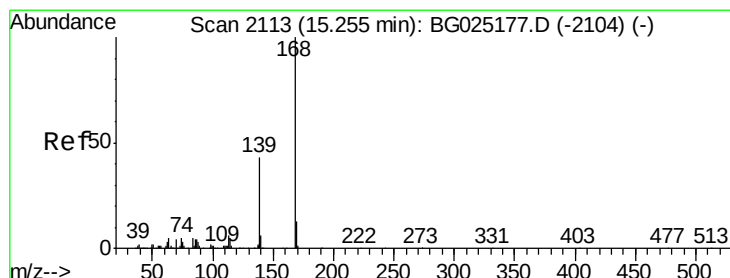
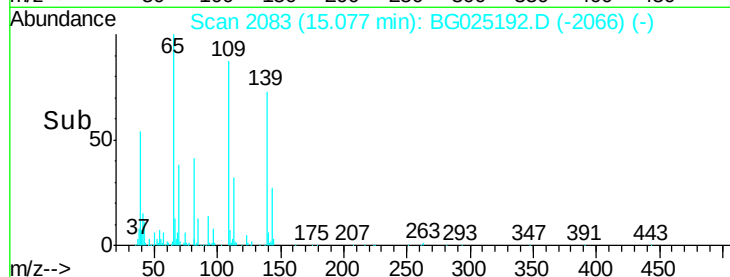
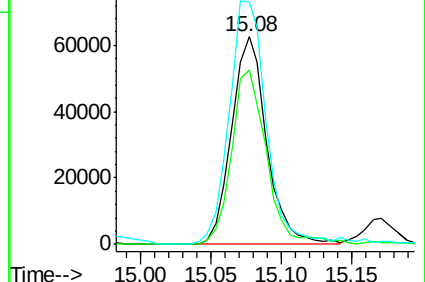
65 117.2 90.4 135.6



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC



#53

Dibenzofuran

Concen: 20.15 ng/ul

RT: 15.25 min Scan# 2113

Delta R.T. -0.00 min

Lab File: BG025192.D

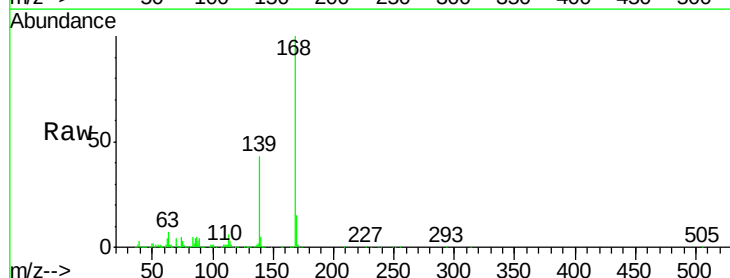
Acq: 15 Dec 2016 1:33

Tgt Ion:168 Resp: 639079

Ion Ratio Lower Upper

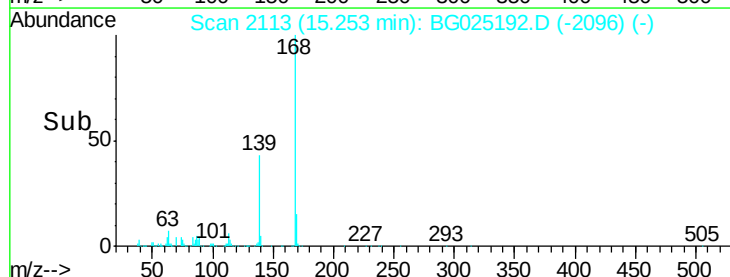
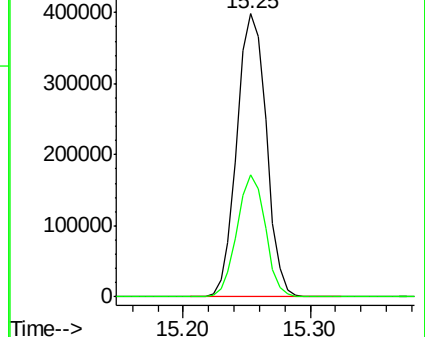
168 100

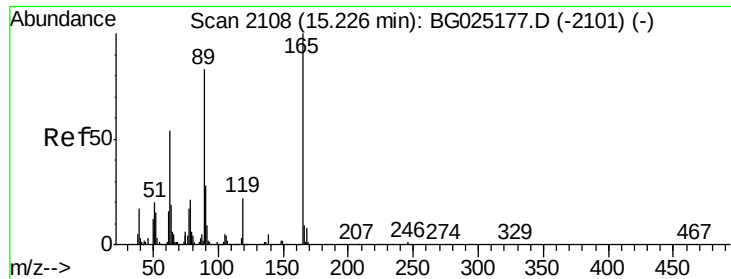
139 43.2 33.8 50.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

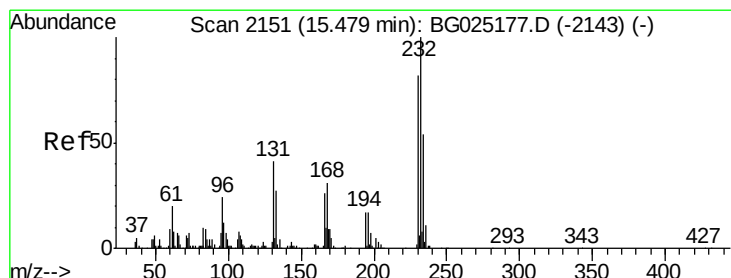
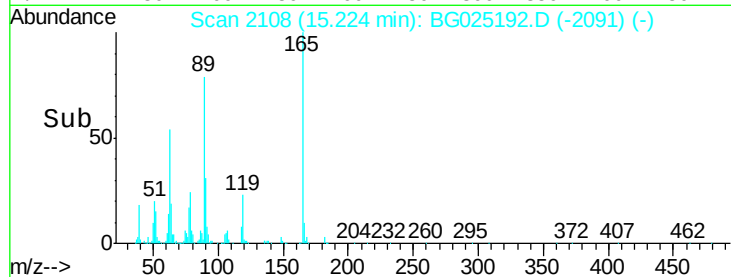
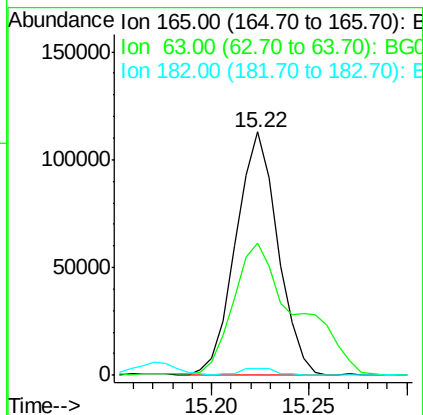
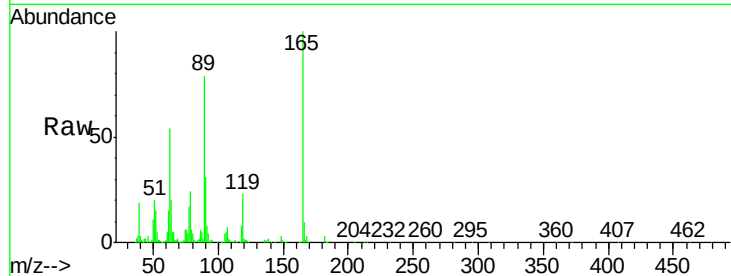




#54  
 2,4-Dinitrotoluene  
 Concen: 19.28 ng/ul  
 RT: 15.22 min Scan# 2108  
 Delta R.T. -0.00 min  
 Lab File: BG025192.D  
 Acq: 15 Dec 2016 1:33

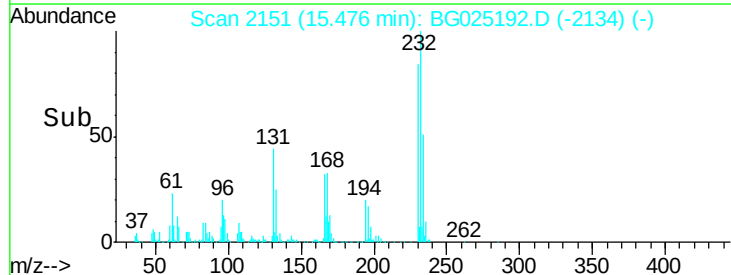
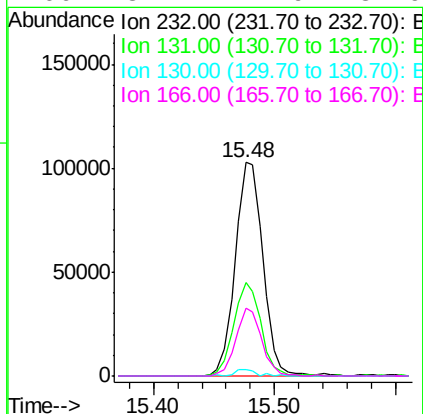
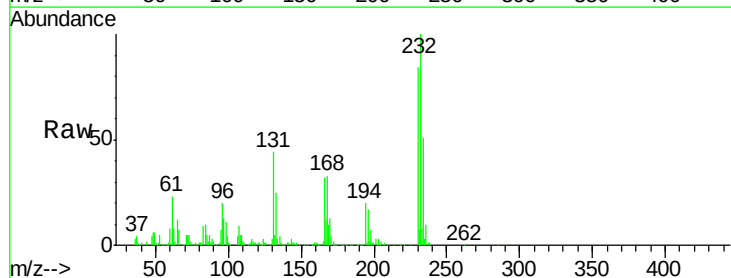
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02007

Tgt Ion:165 Resp: 168632  
 Ion Ratio Lower Upper  
 165 100  
 63 54.3 46.8 70.2  
 182 2.8 1.8 2.6#

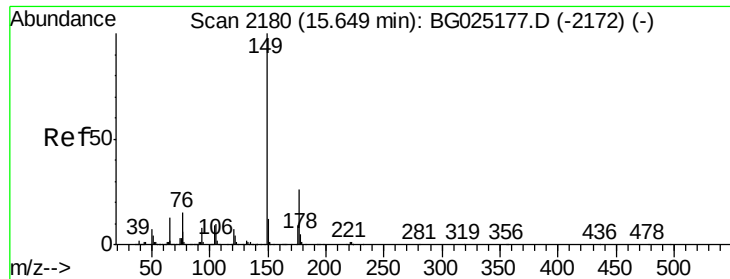


#55  
 2,3,4,6-Tetrachlorophenol  
 Concen: 18.84 ng/ul  
 RT: 15.48 min Scan# 2151  
 Delta R.T. -0.00 min  
 Lab File: BG025192.D  
 Acq: 15 Dec 2016 1:33

Tgt Ion:232 Resp: 165097  
 Ion Ratio Lower Upper  
 232 100  
 131 43.9 33.3 49.9  
 130 3.0 1.8 2.6#  
 166 32.1 21.9 32.9







#56

Diethylphthalate

Concen: 19.04 ng/ul

RT: 15.65 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BG025192.D

Acq: 15 Dec 2016 1:33

Instrument :

BNA\_G

ClientSampleId :

SSTD02007

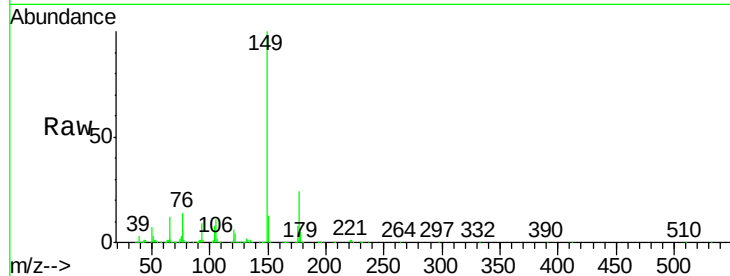
Tgt Ion:149 Resp: 544716

Ion Ratio Lower Upper

149 100

177 23.6 17.8 26.8

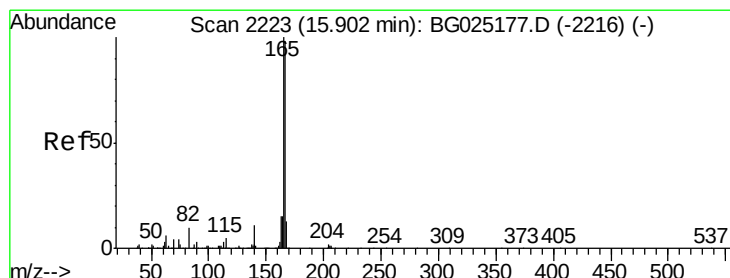
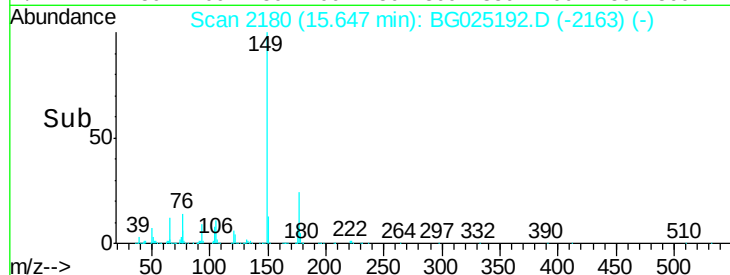
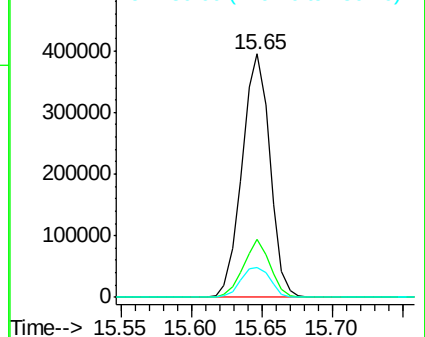
150 12.5 10.2 15.4



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



#58

Fluorene

Concen: 20.19 ng/ul

RT: 15.90 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG025192.D

Acq: 15 Dec 2016 1:33

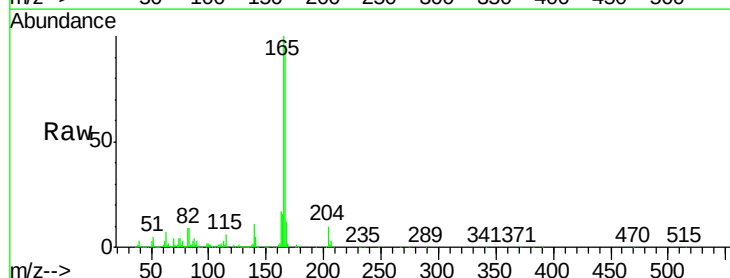
Tgt Ion:166 Resp: 521324

Ion Ratio Lower Upper

166 100

165 103.6 79.7 119.5

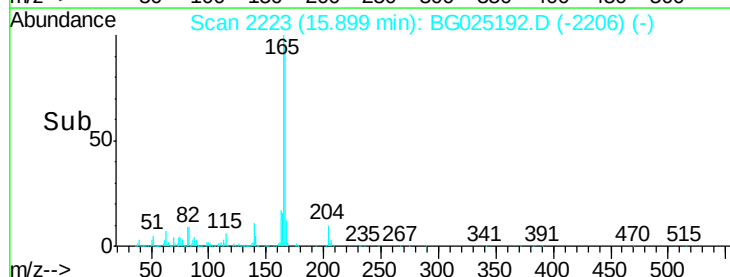
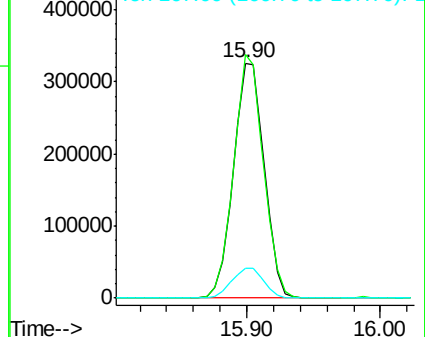
167 12.5 11.4 17.2

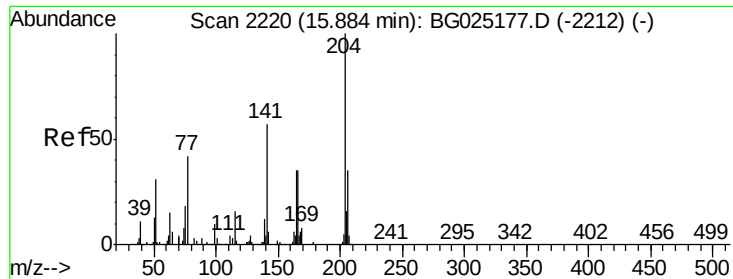


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

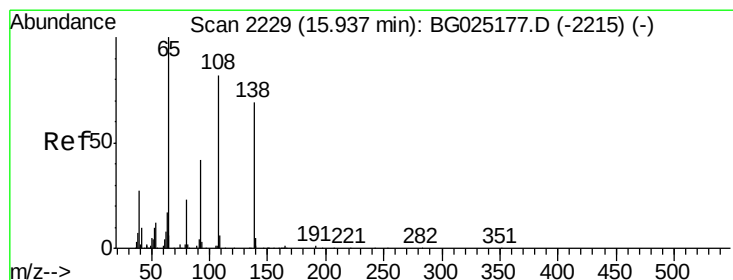
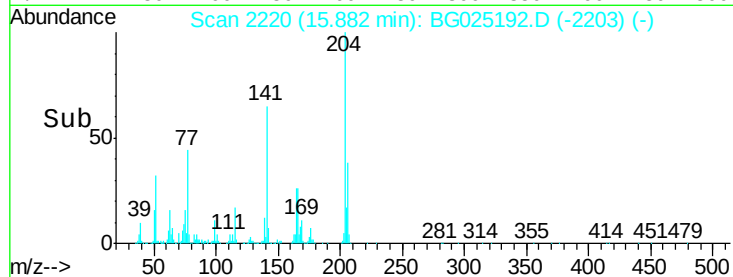
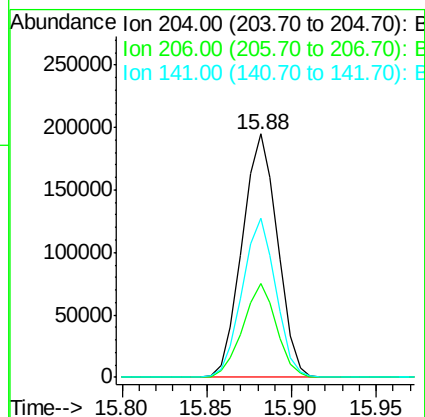
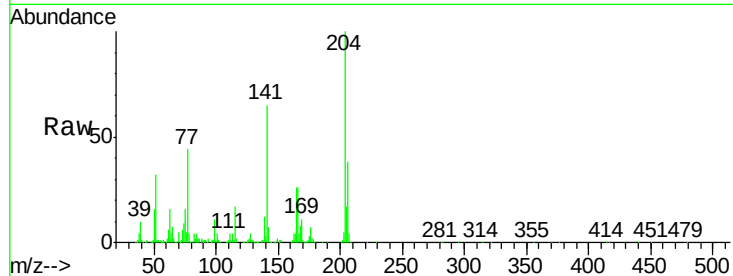




#59  
 4-Chlorophenyl-phenylether  
 Concen: 19.55 ng/ul  
 RT: 15.88 min Scan# 2220  
 Delta R.T. -0.00 min  
 Lab File: BG025192.D  
 Acq: 15 Dec 2016 1:33

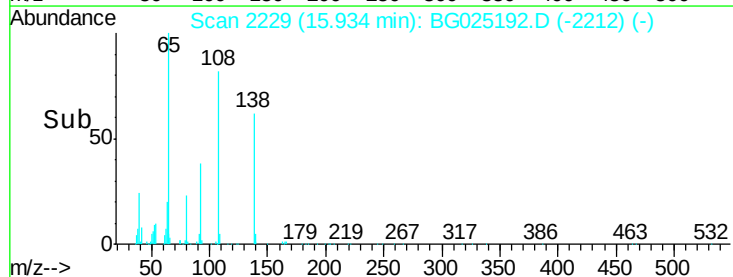
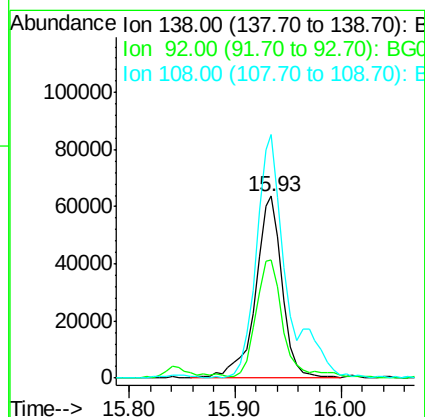
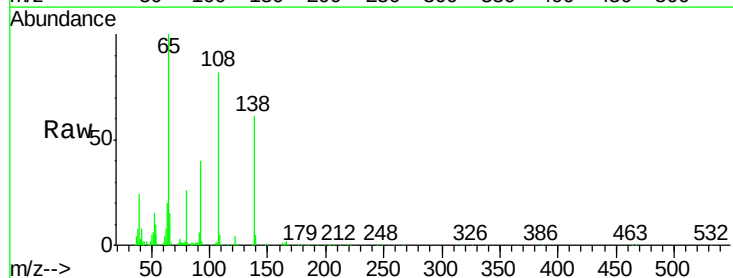
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02007

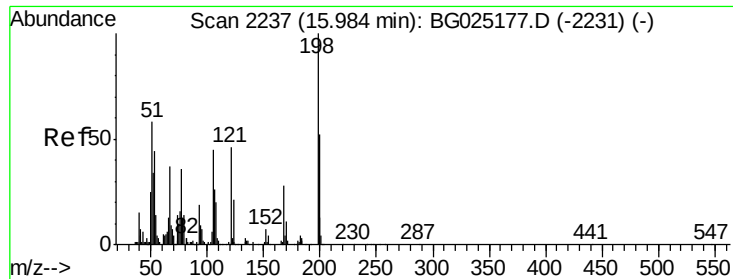
Tgt Ion: 204 Resp: 284284  
 Ion Ratio Lower Upper  
 204 100  
 206 38.5 32.3 48.5  
 141 65.1 57.5 86.3



#60  
 4-Nitroaniline  
 Concen: 18.31 ng/ul  
 RT: 15.93 min Scan# 2229  
 Delta R.T. -0.00 min  
 Lab File: BG025192.D  
 Acq: 15 Dec 2016 1:33

Tgt Ion: 138 Resp: 111017  
 Ion Ratio Lower Upper  
 138 100  
 92 65.3 56.9 85.3  
 108 134.0 104.9 157.3

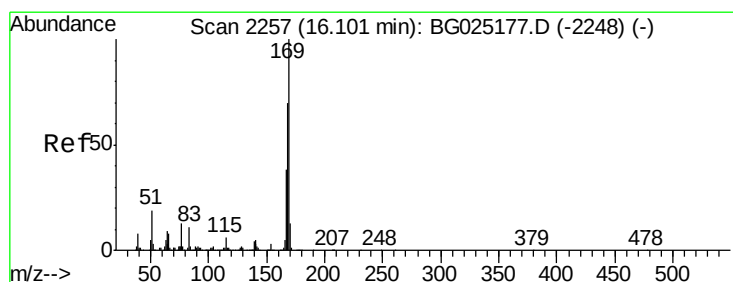
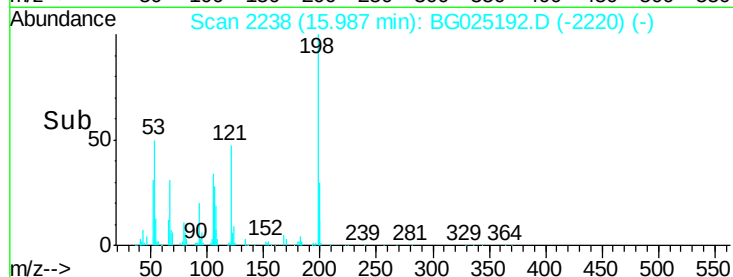
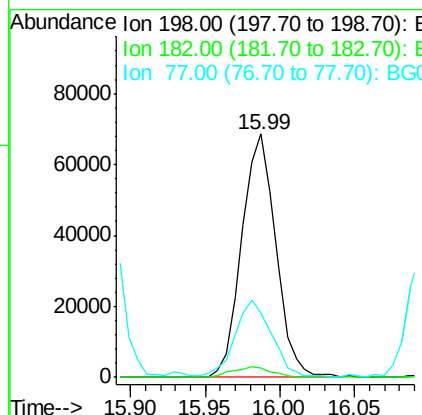
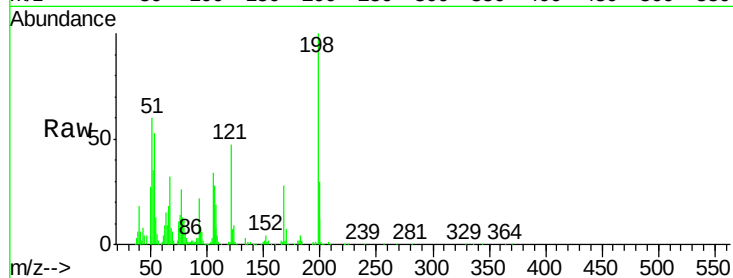




#63  
 4,6-Dinitro-2-methylphenol  
 Concen: 19.67 ng/ul  
 RT: 15.99 min Scan# 2238  
 Delta R.T. 0.00 min  
 Lab File: BG025192.D  
 Acq: 15 Dec 2016 1:33

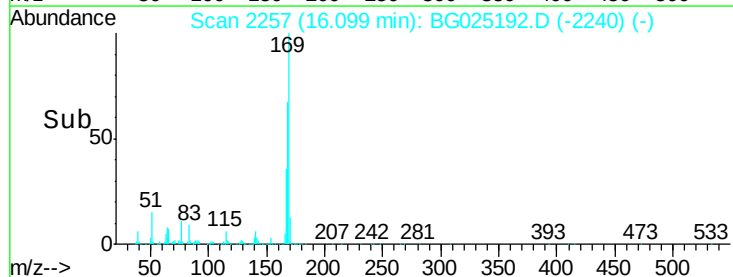
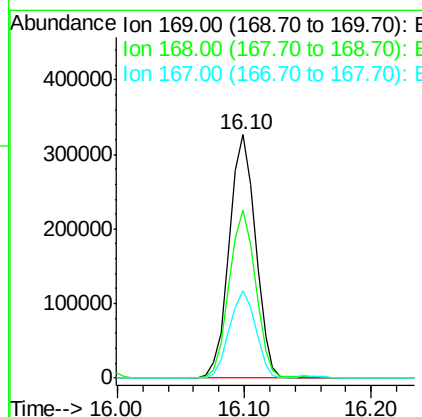
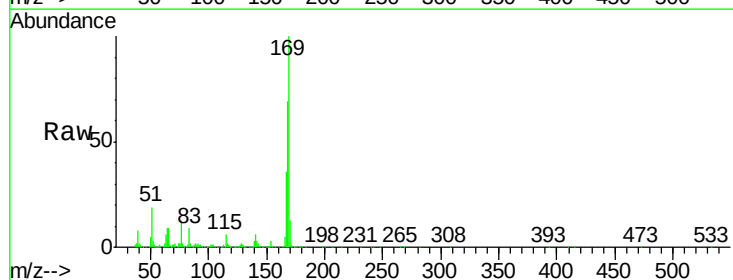
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02007

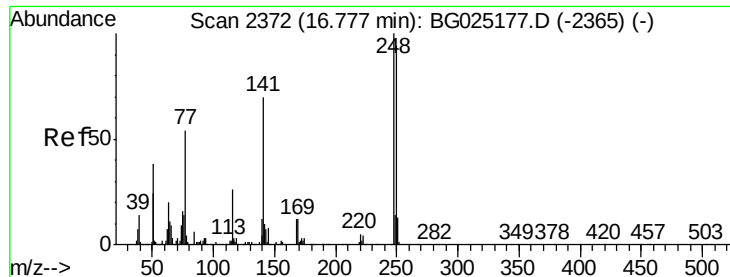
Tgt Ion:198 Resp: 108607  
 Ion Ratio Lower Upper  
 198 100  
 182 3.9 5.8 6.4#  
 77 26.3 22.1 33.9



#64  
 N-Nitrosodiphenylamine  
 Concen: 21.18 ng/ul  
 RT: 16.10 min Scan# 2257  
 Delta R.T. -0.00 min  
 Lab File: BG025192.D  
 Acq: 15 Dec 2016 1:33

Tgt Ion:169 Resp: 469746  
 Ion Ratio Lower Upper  
 169 100  
 168 68.8 59.1 88.7  
 167 35.9 29.7 44.5

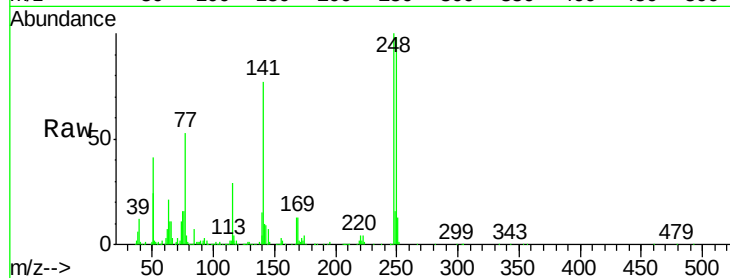




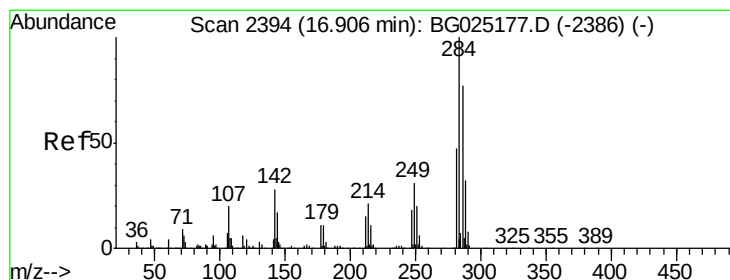
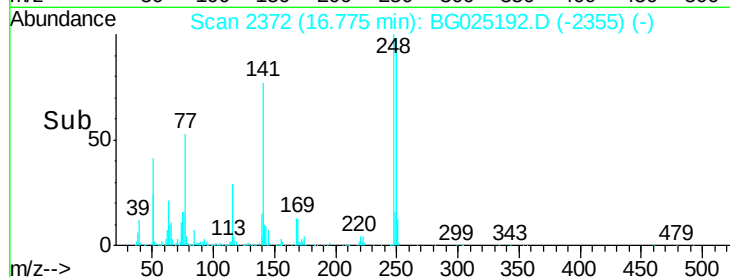
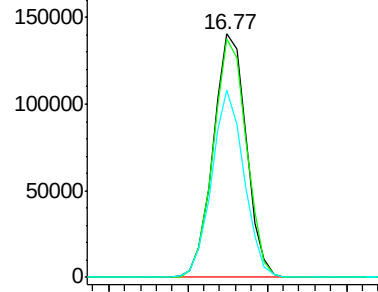
#65  
4-Bromophenyl-phenylether  
Concen: 20.78 ng/ul  
RT: 16.77 min Scan# 2372  
Delta R.T. -0.00 min  
Lab File: BG025192.D  
Acq: 15 Dec 2016 1:33

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02007

Tgt Ion:248 Resp: 202344  
Ion Ratio Lower Upper  
248 100  
250 97.8 71.9 107.9  
141 76.8 53.8 80.8

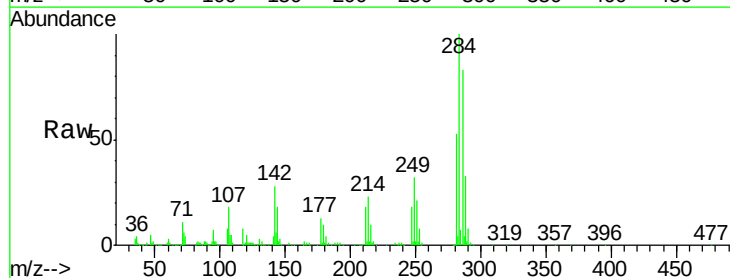


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

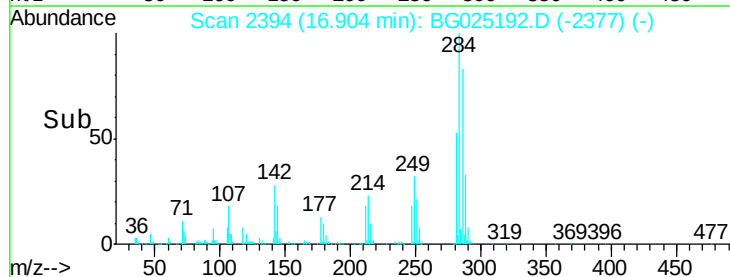
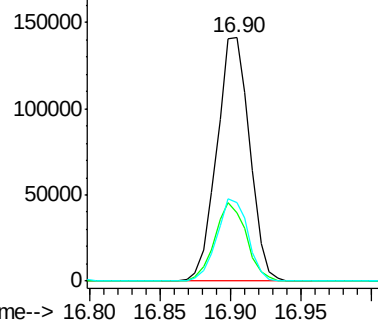


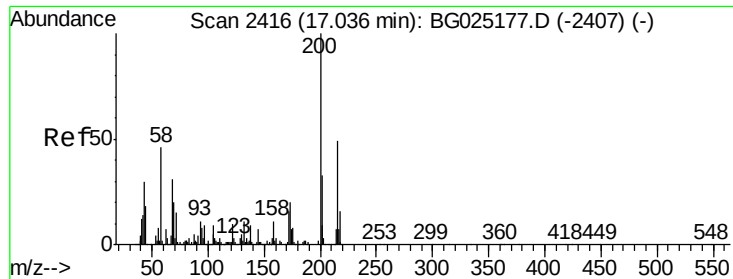
#66  
Hexachlorobenzene  
Concen: 21.01 ng/ul  
RT: 16.90 min Scan# 2394  
Delta R.T. -0.00 min  
Lab File: BG025192.D  
Acq: 15 Dec 2016 1:33

Tgt Ion:284 Resp: 230376  
Ion Ratio Lower Upper  
284 100  
142 28.1 26.1 39.1  
249 32.1 25.9 38.9



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





#67

Atrazine

Concen: 19.89 ng/ul

RT: 17.03 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG025192.D

Acq: 15 Dec 2016 1:33

Instrument :

BNA\_G

ClientSampleId :

SSTD02007

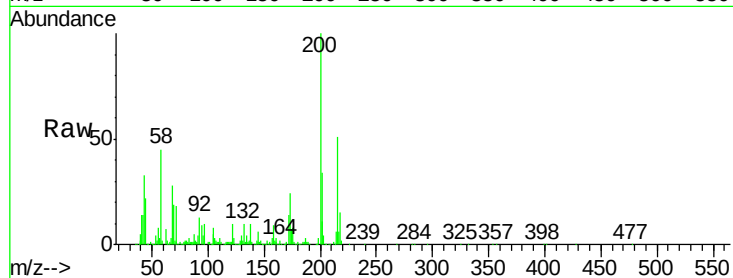
Tgt Ion:200 Resp: 209678

Ion Ratio Lower Upper

200 100

173 24.2 19.2 28.8

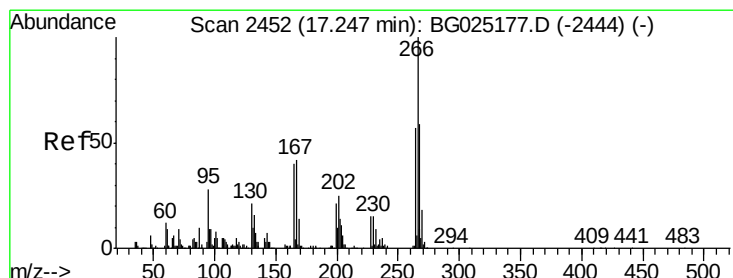
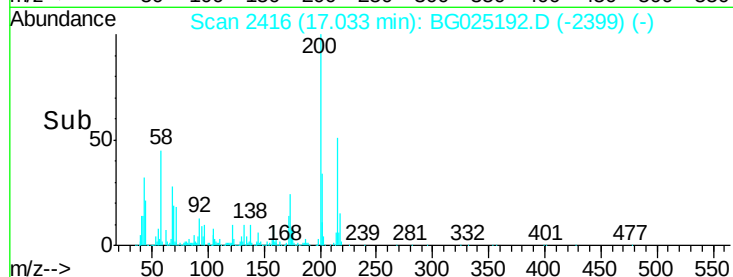
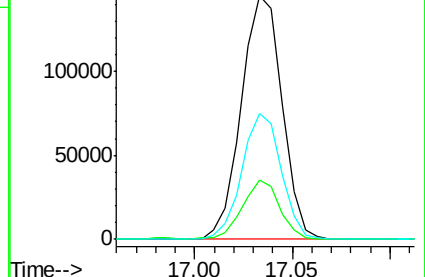
215 51.5 40.3 60.5



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



#68

Pentachlorophenol

Concen: 17.99 ng/ul

RT: 17.25 min Scan# 2453

Delta R.T. 0.00 min

Lab File: BG025192.D

Acq: 15 Dec 2016 1:33

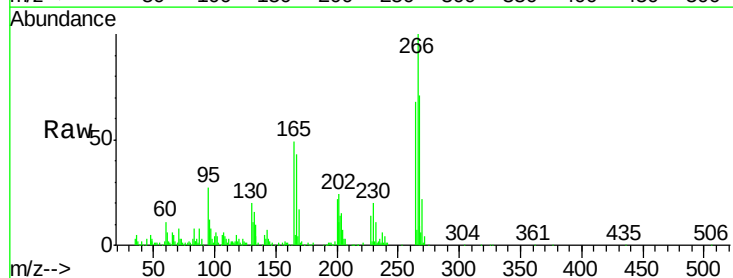
Tgt Ion:266 Resp: 118424

Ion Ratio Lower Upper

266 100

264 67.6 47.1 70.7

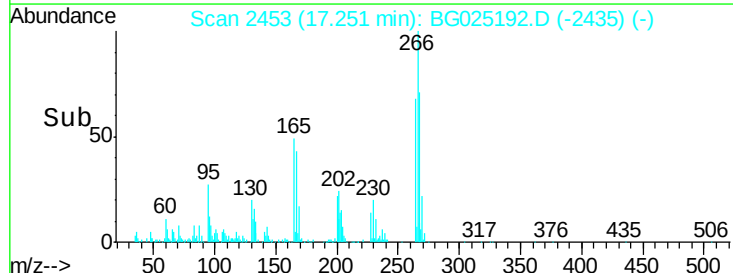
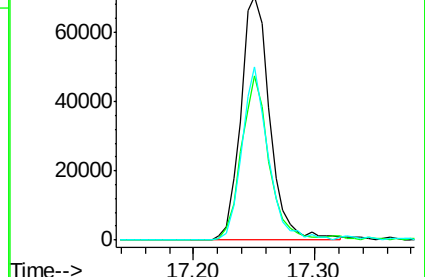
268 71.4 56.2 84.4

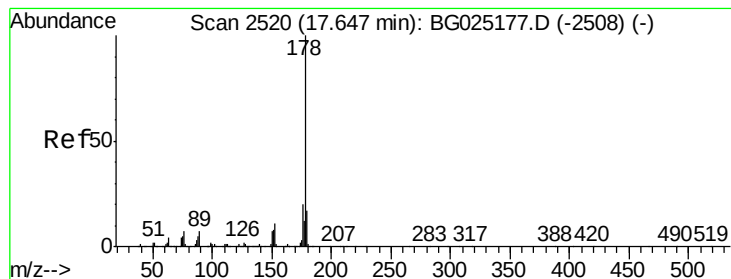


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 20.36 ng/ul

RT: 17.64 min Scan# 2520

Delta R.T. -0.00 min

Lab File: BG025192.D

Acq: 15 Dec 2016 1:33

Instrument :

BNA\_G

ClientSampleId :

SSTD02007

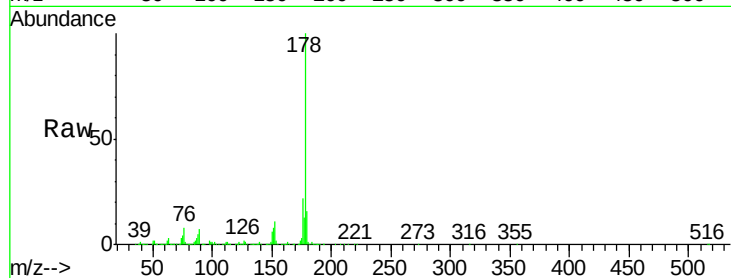
Tgt Ion:178 Resp: 837905

Ion Ratio Lower Upper

178 100

179 16.4 12.4 18.6

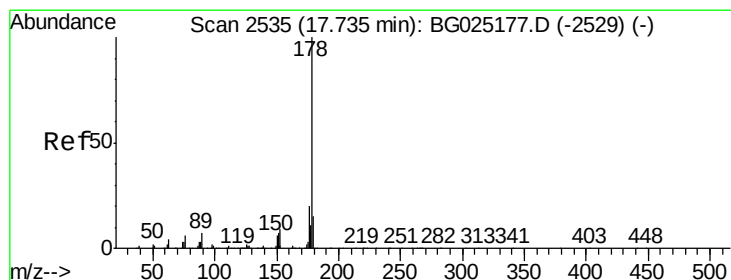
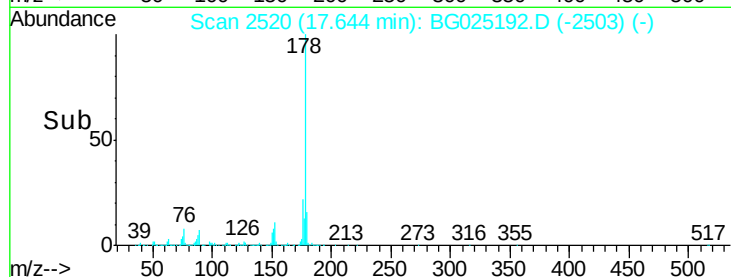
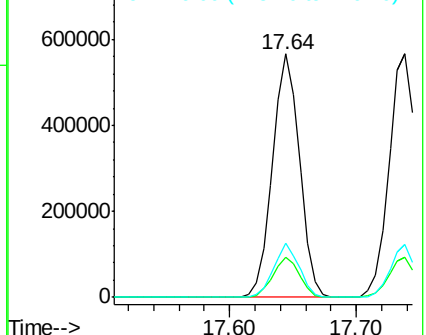
176 22.1 16.5 24.7



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



#71

Anthracene

Concen: 20.32 ng/ul

RT: 17.74 min Scan# 2536

Delta R.T. 0.00 min

Lab File: BG025192.D

Acq: 15 Dec 2016 1:33

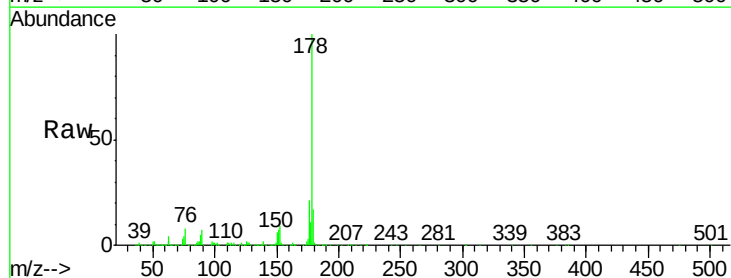
Tgt Ion:178 Resp: 859519

Ion Ratio Lower Upper

178 100

179 16.5 12.6 19.0

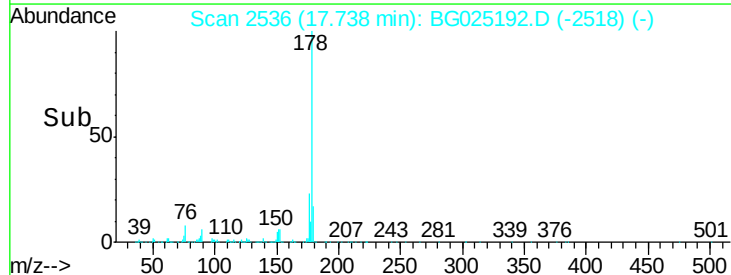
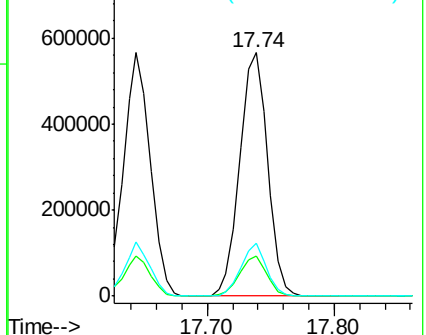
176 21.5 15.9 23.9

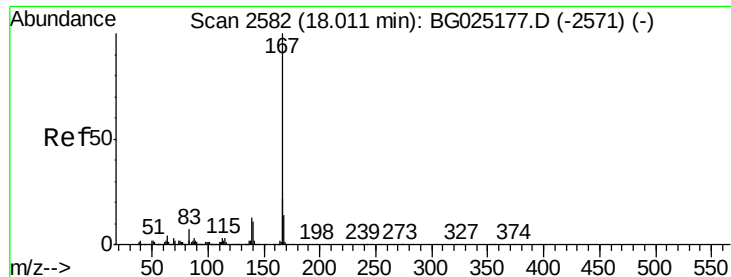


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 20.77 ng/ul

RT: 18.01 min Scan# 2582

Delta R.T. -0.00 min

Lab File: BG025192.D

Acq: 15 Dec 2016 1:33

Instrument :

BNA\_G

ClientSampleId :

SSTD02007

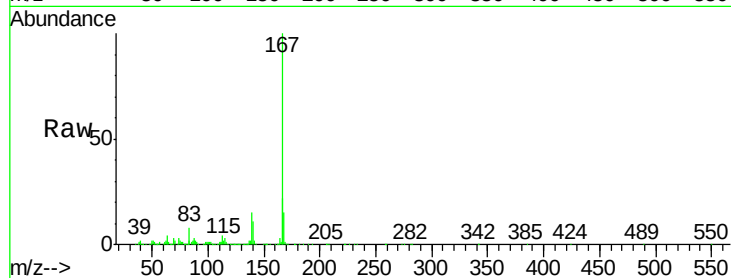
Tgt Ion:167 Resp: 733144

Ion Ratio Lower Upper

167 100

166 22.2 17.9 26.9

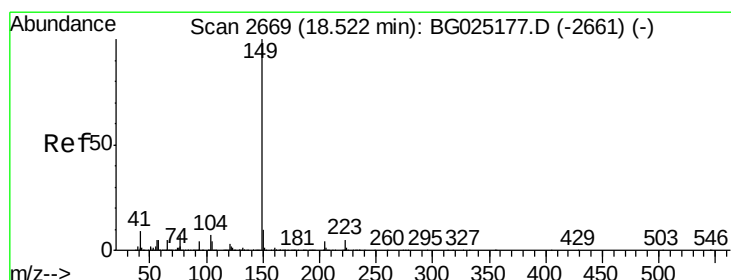
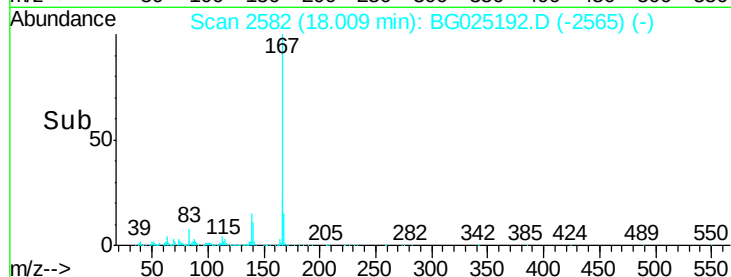
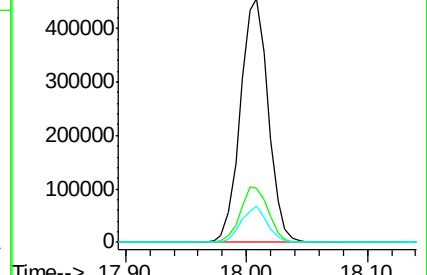
139 14.8 10.5 15.7



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



#73

Di-n-butylphthalate

Concen: 19.95 ng/ul

RT: 18.53 min Scan# 2670

Delta R.T. 0.00 min

Lab File: BG025192.D

Acq: 15 Dec 2016 1:33

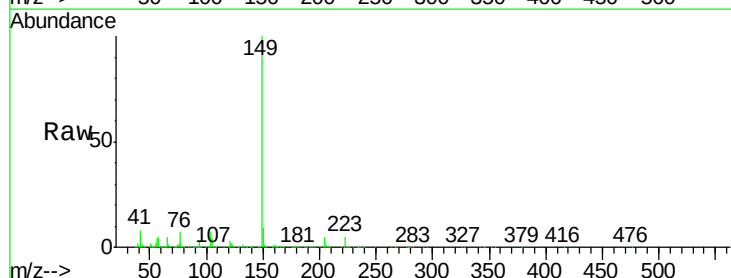
Tgt Ion:149 Resp: 889060

Ion Ratio Lower Upper

149 100

150 9.1 7.9 11.9

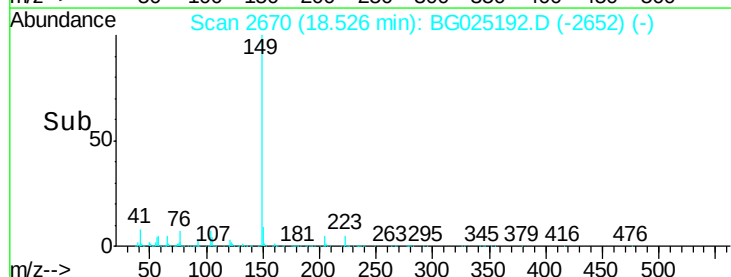
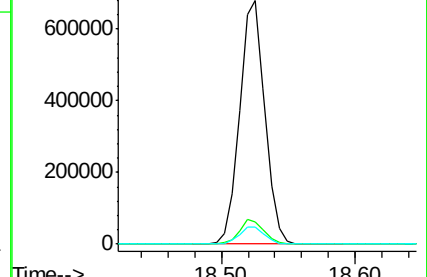
104 6.8 5.8 8.8

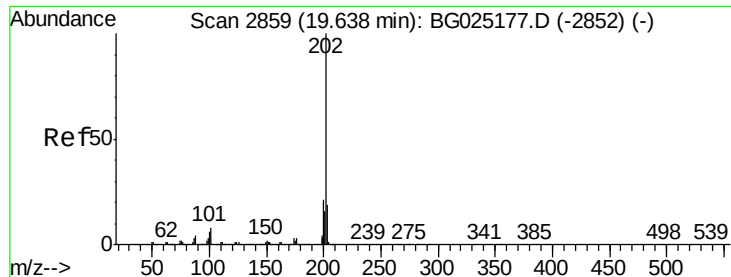


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 21.00 ng/ul

RT: 19.64 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BG025192.D

Acq: 15 Dec 2016 1:33

Instrument :

BNA\_G

ClientSampleId :

SSTD02007

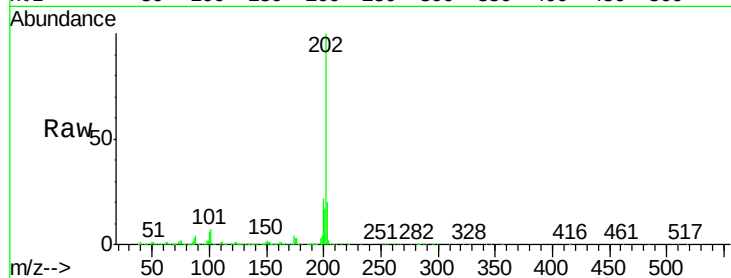
Tgt Ion:202 Resp: 1026644

Ion Ratio Lower Upper

202 100

101 7.3 6.2 9.2

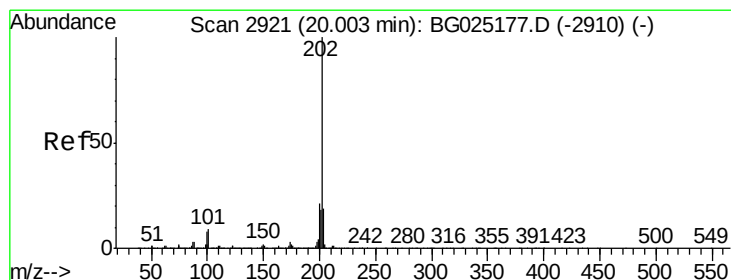
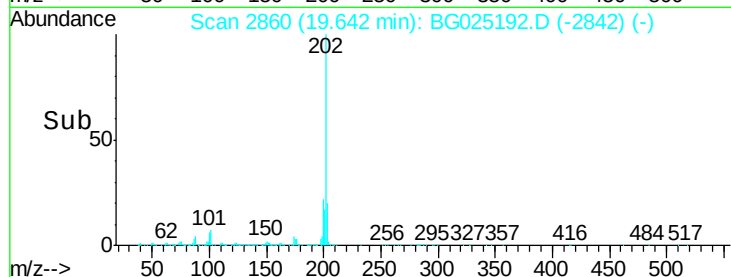
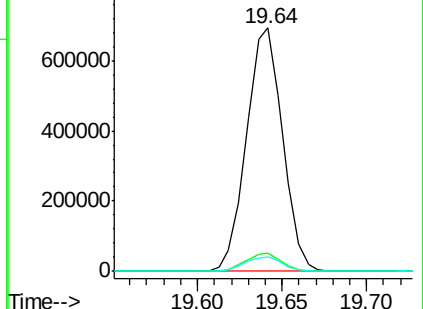
100 6.0 5.2 7.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 20.46 ng/ul

RT: 20.00 min Scan# 2921

Delta R.T. -0.00 min

Lab File: BG025192.D

Acq: 15 Dec 2016 1:33

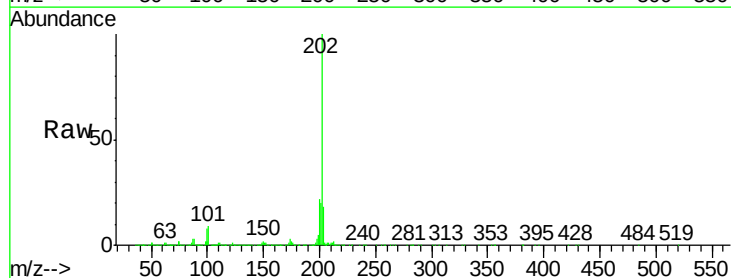
Tgt Ion:202 Resp: 1018721

Ion Ratio Lower Upper

202 100

101 8.8 6.9 10.3

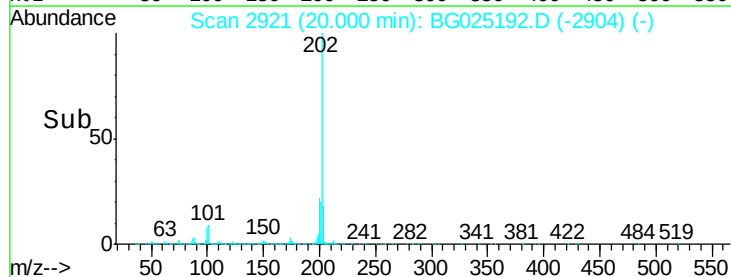
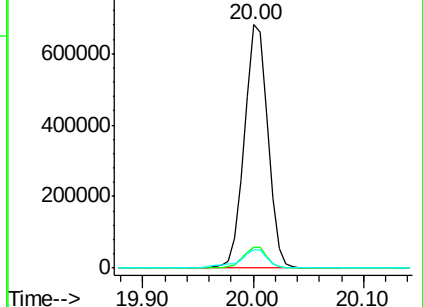
100 7.6 6.6 10.0



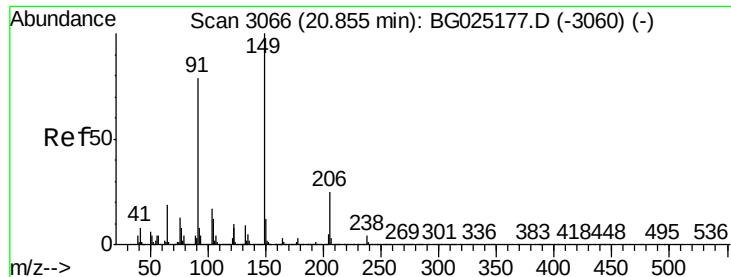
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



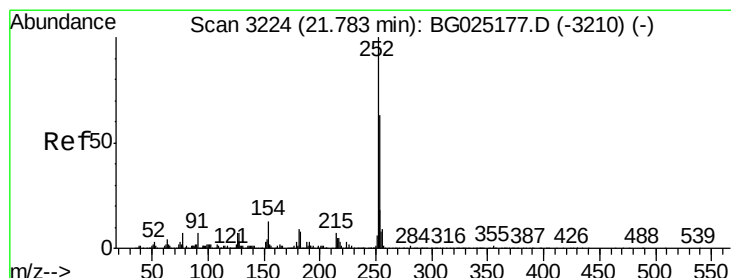
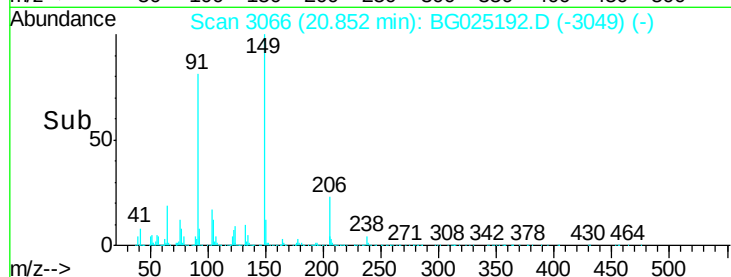
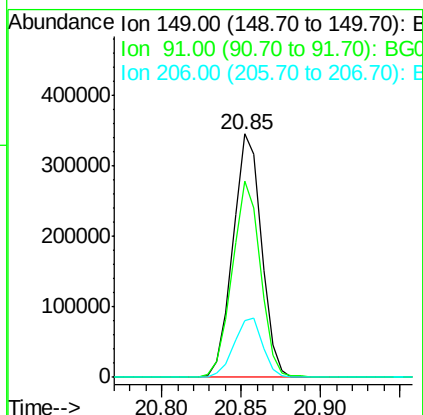
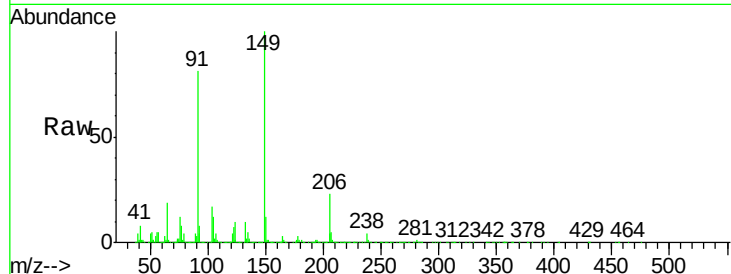




#78  
Butylbenzylphthalate  
Concen: 21.97 ng/ul  
RT: 20.85 min Scan# 3066  
Delta R.T. -0.00 min  
Lab File: BG025192.D  
Acq: 15 Dec 2016 1:33

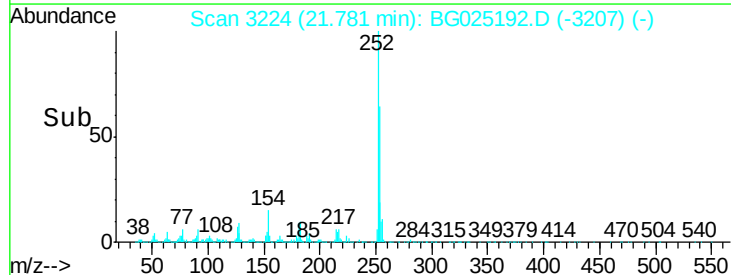
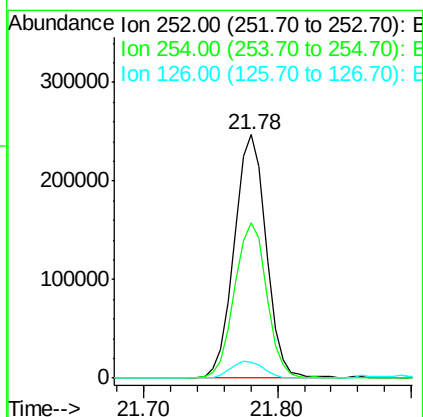
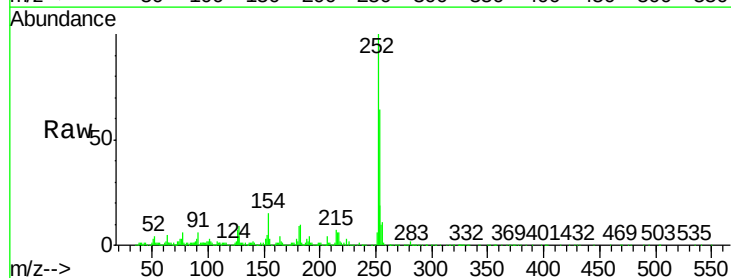
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02007

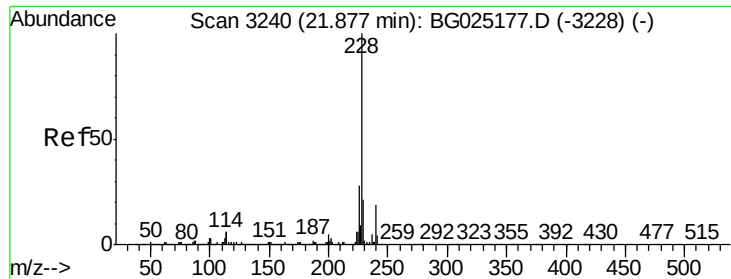
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 80.6  | 65.8  | 98.6  |
| 206     | 23.3  | 20.1  | 30.1  |



#79  
3,3'-Dichlorobenzidine  
Concen: 22.69 ng/ul  
RT: 21.78 min Scan# 3224  
Delta R.T. -0.00 min  
Lab File: BG025192.D  
Acq: 15 Dec 2016 1:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.9  | 49.0  | 73.6  |
| 126     | 6.6   | 5.1   | 7.7   |





#80

Benzo(a)anthracene

Concen: 20.44 ng/ul

RT: 21.87 min Scan# 3240

Delta R.T. -0.00 min

Lab File: BG025192.D

Acq: 15 Dec 2016 1:33

Instrument :

BNA\_G

ClientSampleId :

SSTD02007

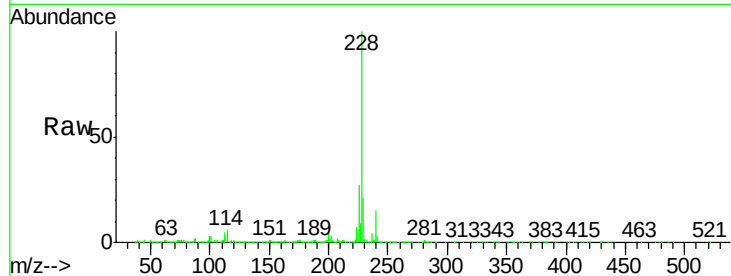
Tgt Ion:228 Resp: 1099686

Ion Ratio Lower Upper

228 100

229 21.5 16.3 24.5

226 27.3 21.9 32.9



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

800000

600000

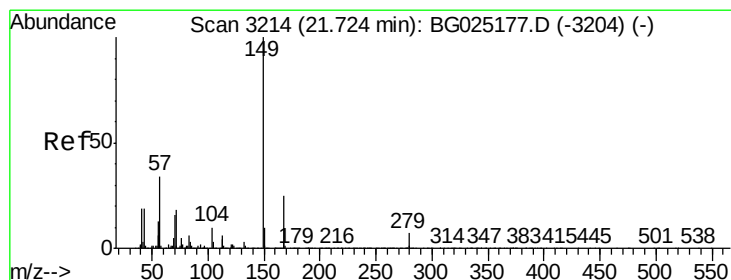
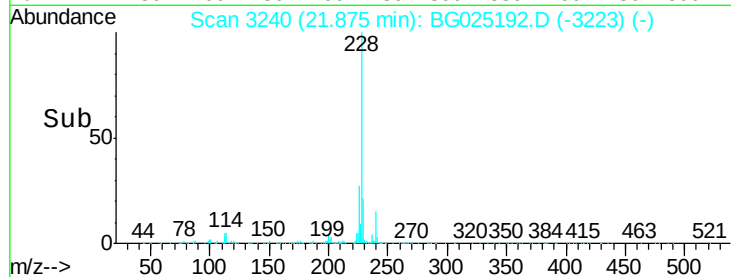
400000

200000

0

21.80 21.85 21.90

Time-->



#81

Bis(2-ethylhexyl)phthalate

Concen: 21.26 ng/ul

RT: 21.72 min Scan# 3214

Delta R.T. -0.00 min

Lab File: BG025192.D

Acq: 15 Dec 2016 1:33

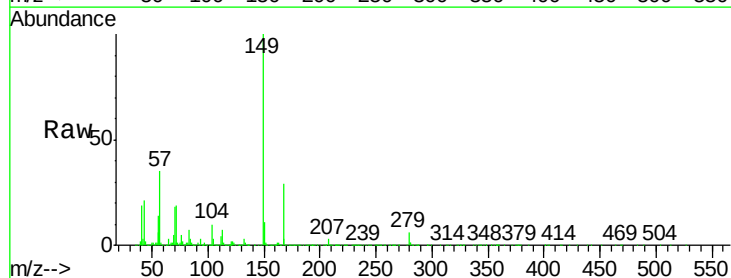
Tgt Ion:149 Resp: 570410

Ion Ratio Lower Upper

149 100

167 28.7 21.8 32.8

279 6.0 4.5 6.7



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

500000

400000

300000

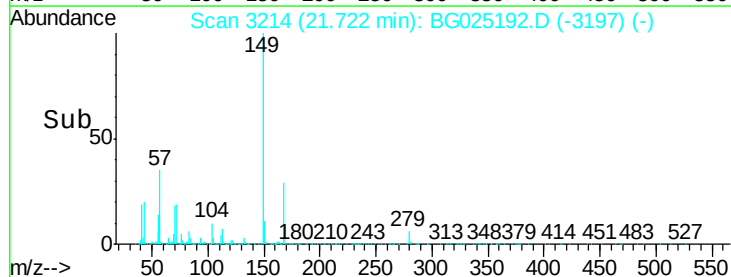
200000

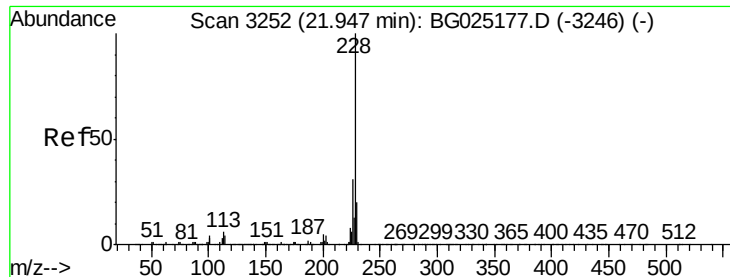
100000

0

21.65 21.70 21.75

Time-->





#82

Chrysene

Concen: 20.26 ng/ul

RT: 21.95 min Scan# 3252

Delta R.T. -0.00 min

Lab File: BG025192.D

Acq: 15 Dec 2016 1:33

Instrument :

BNA\_G

ClientSampleId :

SSTD02007

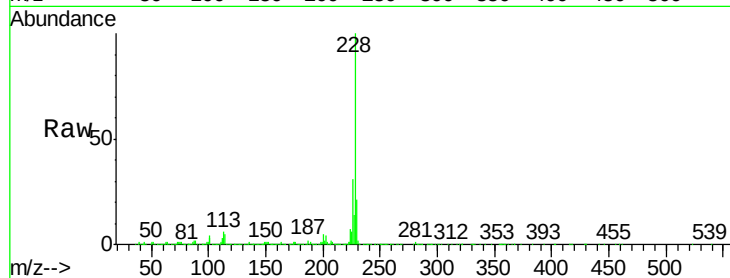
Tgt Ion:228 Resp: 1019620

Ion Ratio Lower Upper

228 100

226 31.4 24.0 36.0

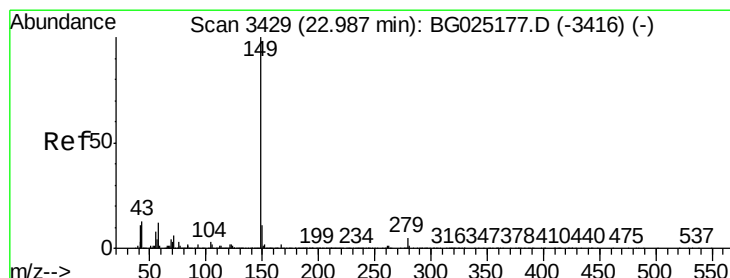
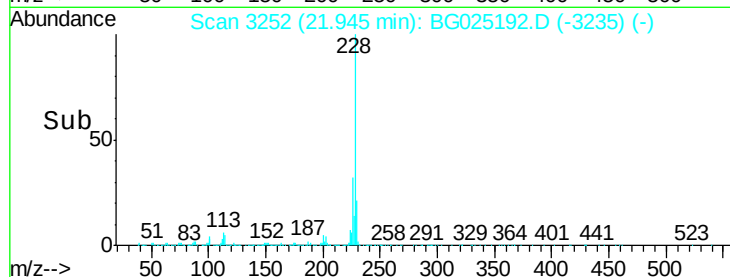
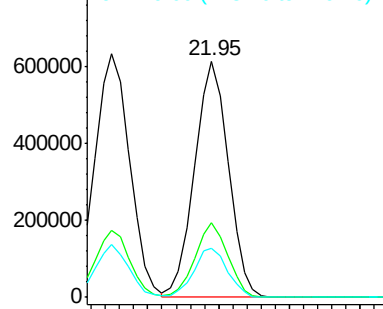
229 21.0 16.9 25.3



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



#84

Di-n-octyl phthalate

Concen: 23.18 ng/ul

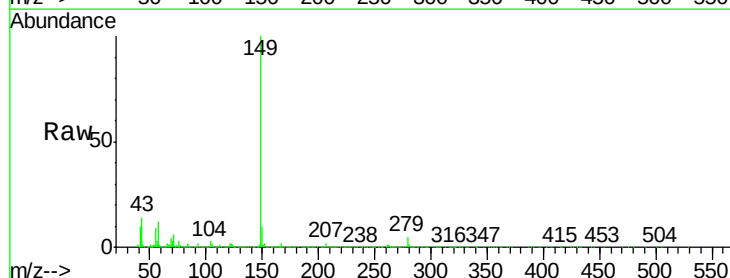
RT: 22.99 min Scan# 3429

Delta R.T. -0.00 min

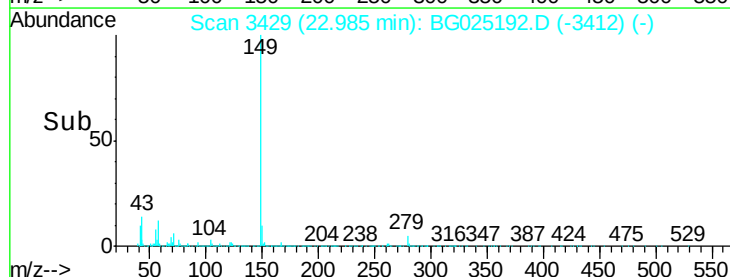
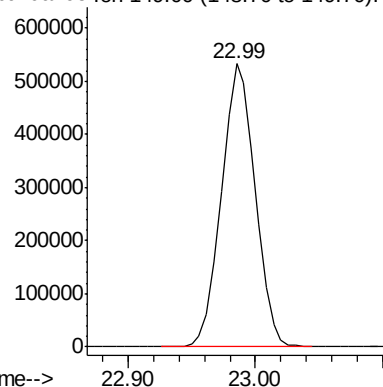
Lab File: BG025192.D

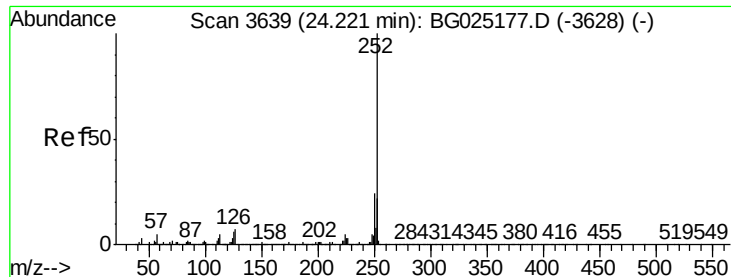
Acq: 15 Dec 2016 1:33

Tgt Ion:149 Resp: 982325



Abundance Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 20.65 ng/ul

RT: 24.22 min Scan# 3639

Delta R.T. -0.00 min

Lab File: BG025192.D

Acq: 15 Dec 2016 1:33

Instrument :

BNA\_G

ClientSampleId :

SSTD02007

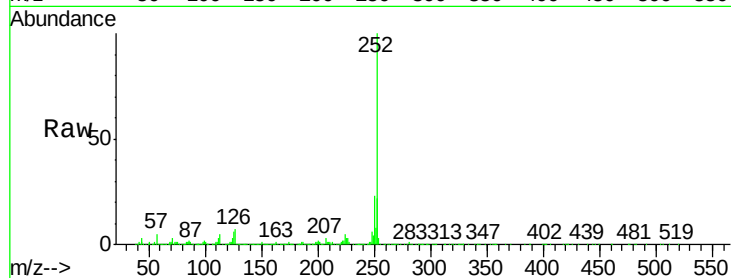
Tgt Ion:252 Resp: 1068959

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

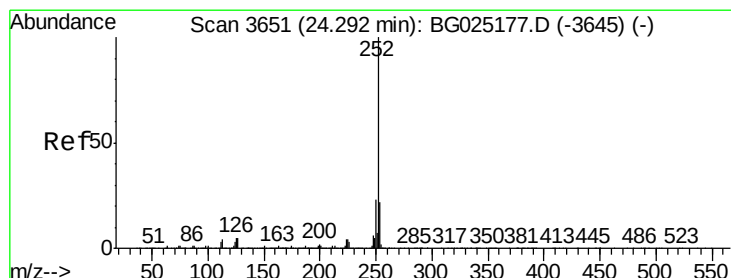
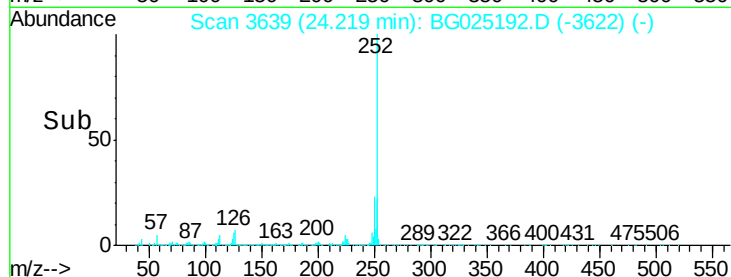
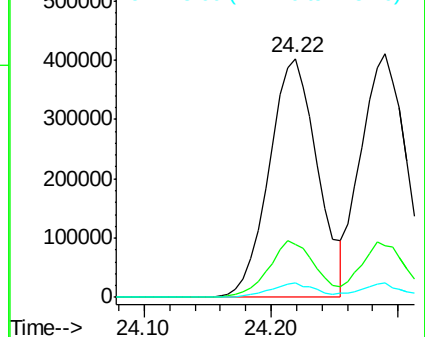
125 5.9 4.0 6.0



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



#86

Benzo(k)fluoranthene

Concen: 20.55 ng/ul

RT: 24.29 min Scan# 3651

Delta R.T. -0.00 min

Lab File: BG025192.D

Acq: 15 Dec 2016 1:33

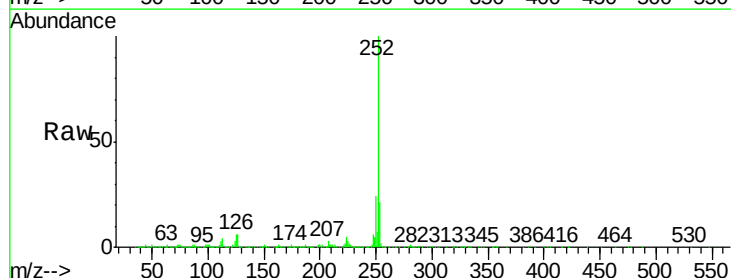
Tgt Ion:252 Resp: 1011427

Ion Ratio Lower Upper

252 100

253 21.1 18.5 27.7

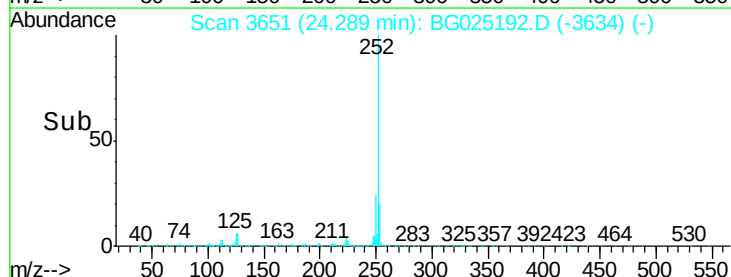
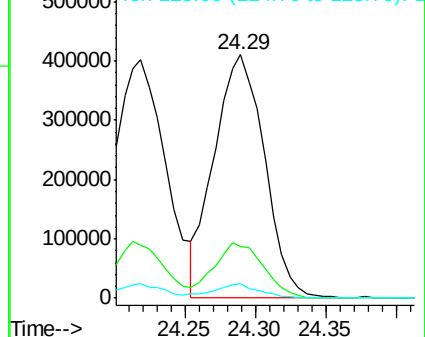
125 5.9 4.1 6.1

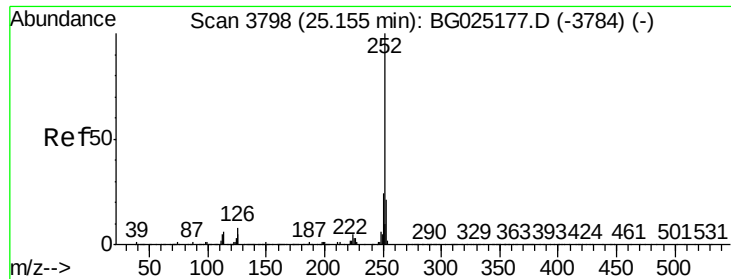


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 20.71 ng/ul

RT: 25.15 min Scan# 3798

Delta R.T. -0.00 min

Lab File: BG025192.D

Acq: 15 Dec 2016 1:33

Instrument :

BNA\_G

ClientSampleId :

SSTD02007

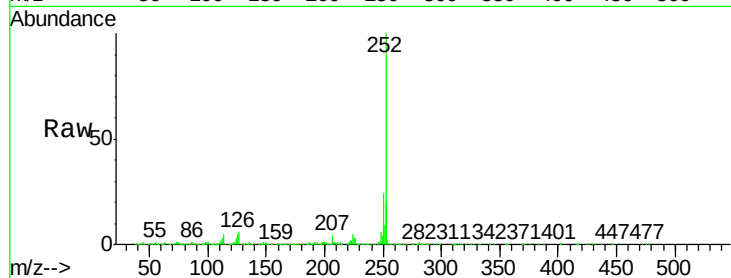
Tgt Ion:252 Resp: 1030679

Ion Ratio Lower Upper

252 100

253 20.2 17.8 26.6

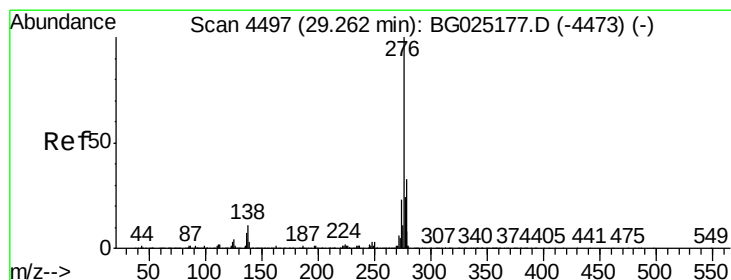
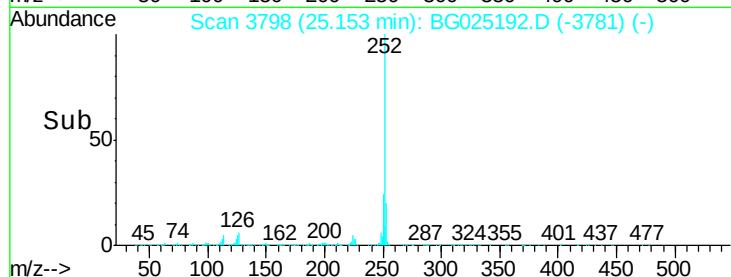
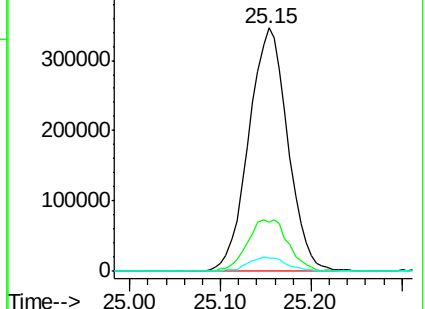
125 5.5 5.4 8.0



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 15.78 ng/ul

RT: 29.26 min Scan# 4497

Delta R.T. -0.00 min

Lab File: BG025192.D

Acq: 15 Dec 2016 1:33

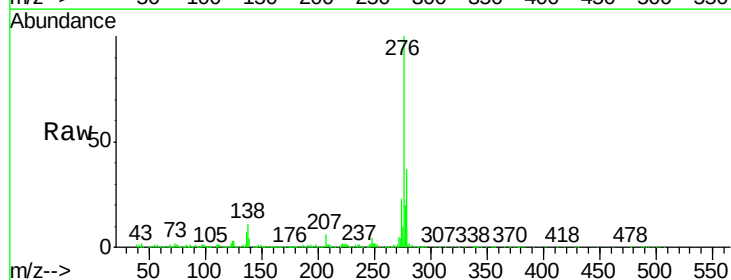
Tgt Ion:276 Resp: 976466

Ion Ratio Lower Upper

276 100

138 10.6 8.2 12.4

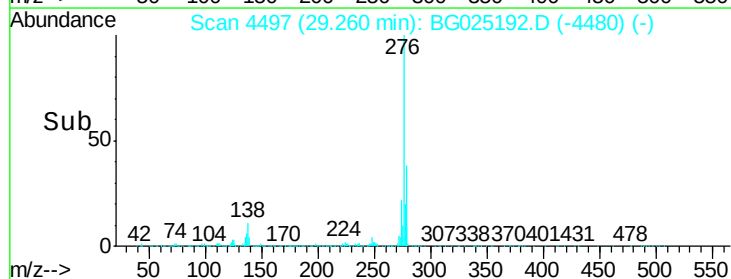
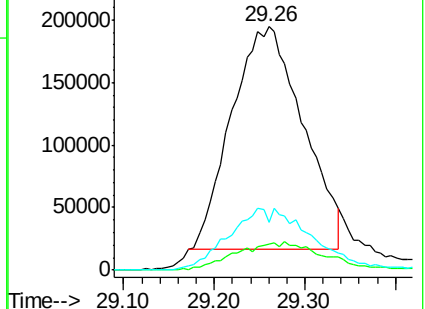
277 19.8 18.6 28.0

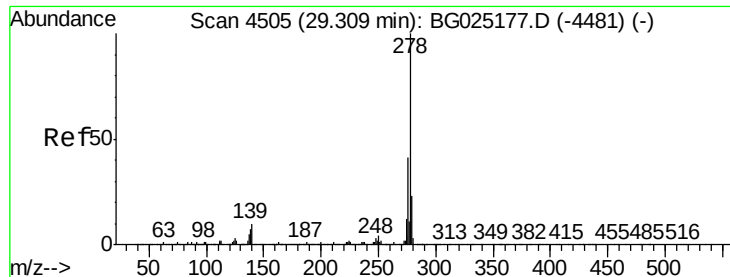


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 17.86 ng/ul

RT: 29.30 min Scan# 4504

Delta R.T. -0.01 min

Lab File: BG025192.D

Acq: 15 Dec 2016 1:33

Instrument :

BNA\_G

ClientSampled :

SSTD02007

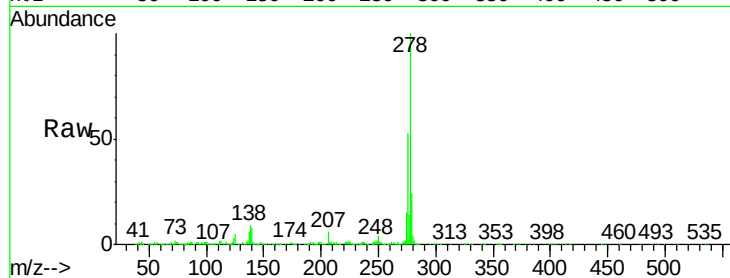
Tgt Ion:278 Resp: 930747

Ion Ratio Lower Upper

278 100

139 8.5 6.7 10.1

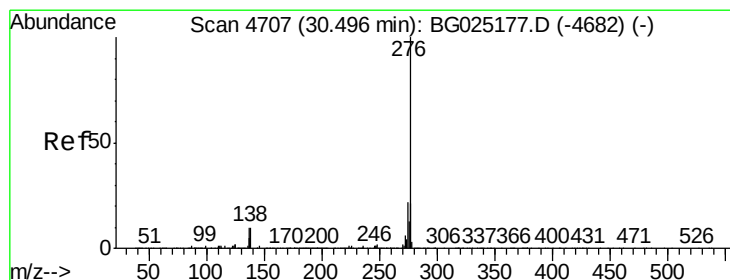
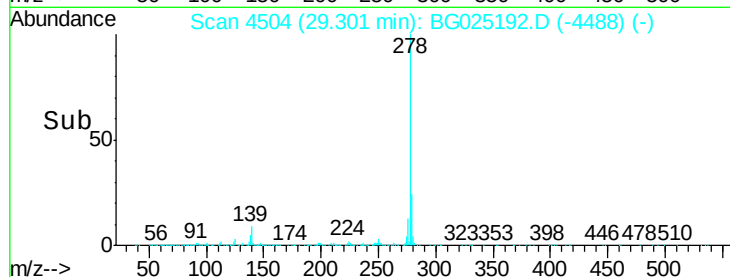
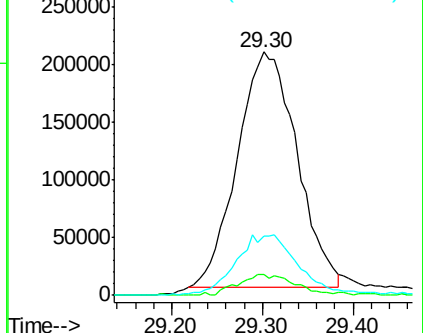
279 24.3 20.9 31.3



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



#91

Benzo(g,h,i)perylene

Concen: 14.29 ng/ul

RT: 30.49 min Scan# 4706

Delta R.T. -0.01 min

Lab File: BG025192.D

Acq: 15 Dec 2016 1:33

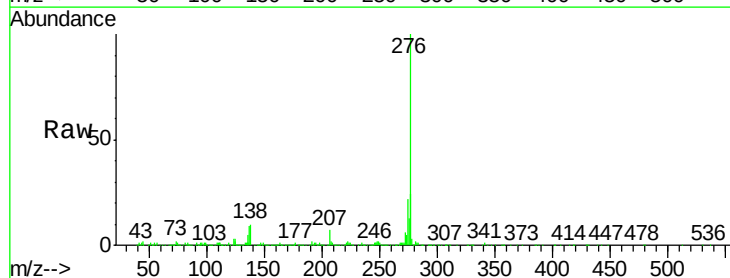
Tgt Ion:276 Resp: 737657

Ion Ratio Lower Upper

276 100

138 9.7 8.6 12.8

277 24.2 17.6 26.4



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

