

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG121616\  
 Data File : BG025267.D  
 Acq On : 17 Dec 2016 9:46  
 Operator : UM/SJ  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02015

Quant Time: Dec 18 00:43:35 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG113016.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sun Dec 18 00:39:32 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.24  | 152  | 56914    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.06 | 136  | 239164   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.86 | 164  | 185771   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.60 | 188  | 415894   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.90 | 240  | 546814   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.32 | 264  | 563228   | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.58  | 96  | 9629   | 8.74  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 7.39  | 99  | 107680 | 21.93 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.55  | 67  | 66622  | 21.93 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.76  | 132 | 78775  | 22.94 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.95  | 113 | 91319  | 22.26 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 9.41  | 128 | 38599  | 22.79 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 10.14 | 143 | 46215  | 21.89 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.69 | 165 | 89897  | 22.14 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 11.20 | 131 | 103276 | 25.88 | ng/ul | 0.00  |
| 43) Dimethylphthalate-d6       | 14.25 | 166 | 278049 | 21.76 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 14.56 | 160 | 319745 | 22.84 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 15.08 | 143 | 51600  | 23.50 | ng/ul | 0.00  |
| 57) Fluorene-d10               | 15.85 | 176 | 268373 | 22.31 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.98 | 200 | 58697  | 22.83 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.70 | 188 | 400094 | 22.79 | ng/ul | 0.00  |
| 76) Pyrene-d10                 | 19.97 | 212 | 498878 | 22.15 | ng/ul | 0.00  |
| 87) Benzo(a)pyrene-d12         | 25.08 | 264 | 524031 | 22.96 | ng/ul | -0.01 |

## Target Compounds

|                                |       |     |        |       |        | Qvalue |
|--------------------------------|-------|-----|--------|-------|--------|--------|
| 2) 1,4-Dioxane                 | 3.62  | 88  | 11736  | 8.18  | ng/uL  | 91     |
| 4) Benzaldehyde                | 7.37  | 77  | 86055  | 23.28 | ng/ul  | 94     |
| 6) Phenol                      | 7.42  | 94  | 114621 | 22.74 | ng/ul  | 98     |
| 8) Bis(2-Chloroethyl)ether     | 7.64  | 93  | 80756  | 21.90 | ng/ul  | 93     |
| 10) 2-Chlorophenol             | 7.80  | 128 | 80525  | 23.33 | ng/ul  | 87     |
| 11) 2-Methylphenol             | 8.68  | 108 | 82836  | 22.32 | ng/ul  | 92     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.76  | 45  | 147094 | 23.46 | ng/ul# | 97     |
| 14) Acetophenone               | 9.07  | 105 | 133225 | 21.33 | ng/ul  | 97     |
| 15) N-Nitroso-di-n-propylamine | 9.03  | 70  | 78652  | 21.81 | ng/ul# | 85     |
| 16) 4-Methylphenol             | 9.01  | 108 | 88685  | 21.48 | ng/ul  | 94     |
| 17) Hexachloroethane           | 9.32  | 117 | 37838  | 24.74 | ng/ul  | 97     |
| 20) Nitrobenzene               | 9.46  | 77  | 119628 | 22.99 | ng/ul  | 100    |
| 21) Isophorone                 | 9.98  | 82  | 213694 | 21.70 | ng/ul  | 97     |
| 23) 2-Nitrophenol              | 10.18 | 139 | 48616  | 22.70 | ng/ul  | 89     |
| 24) 2,4-Dimethylphenol         | 10.22 | 107 | 109901 | 22.44 | ng/ul  | 98     |
| 25) Bis(2-Chloroethoxy)methane | 10.45 | 93  | 110932 | 22.10 | ng/ul# | 91     |
| 27) 2,4-Dichlorophenol         | 10.71 | 162 | 91027  | 23.09 | ng/ul  | 96     |
| 28) Naphthalene                | 11.11 | 128 | 244977 | 22.04 | ng/ul  | 97     |
| 30) 4-Chloroaniline            | 11.23 | 127 | 103934 | 25.48 | ng/ul  | 95     |
| 31) Hexachlorobutadiene        | 11.37 | 225 | 77422  | 22.84 | ng/ul  | 96     |
| 32) Caprolactam                | 12.00 | 113 | 30223  | 18.46 | ng/ul  | 91     |
| 33) 4-Chloro-3-methylphenol    | 12.34 | 107 | 106465 | 21.91 | ng/ul  | 98     |
| 34) 2-Methylnaphthalene        | 12.70 | 142 | 188537 | 21.49 | ng/ul  | 97     |

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG121616\  
 Data File : BG025267.D  
 Acq On : 17 Dec 2016 9:46  
 Operator : UM/SJ  
 Sample : SSTDC0020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

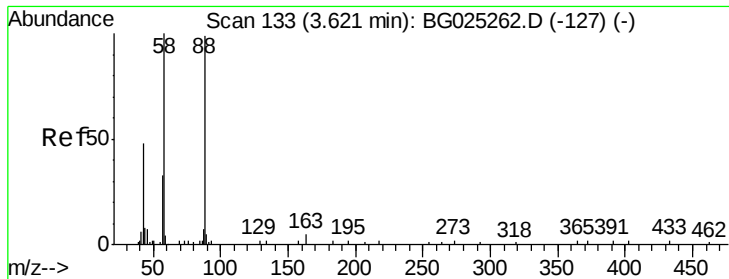
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02015

Quant Time: Dec 18 00:43:35 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG113016.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sun Dec 18 00:39:32 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 13.06 | 216  | 133854   | 23.91 | ng/ul  | 98       |
| 37) Hexachlorocyclopentadiene  | 13.02 | 237  | 38120    | 11.60 | ng/ul  | 96       |
| 38) 2,4,6-Trichlorophenol      | 13.31 | 196  | 87153    | 24.78 | ng/ul  | 97       |
| 39) 2,4,5-Trichlorophenol      | 13.39 | 196  | 91976    | 23.86 | ng/ul  | 90       |
| 40) 1,1'-Biphenyl              | 13.69 | 154  | 261517   | 23.22 | ng/ul  | 96       |
| 41) 2-Chloronaphthalene        | 13.74 | 162  | 205366   | 22.91 | ng/ul  | 99       |
| 42) 2-Nitroaniline             | 13.96 | 65   | 88497    | 25.22 | ng/ul  | 97       |
| 44) Dimethylphthalate          | 14.29 | 163  | 276882   | 22.05 | ng/ul  | 99       |
| 45) 2,6-Dinitrotoluene         | 14.44 | 165  | 58895    | 21.83 | ng/ul# | 90       |
| 47) Acenaphthylene             | 14.58 | 152  | 316631   | 23.27 | ng/ul  | 95       |
| 48) 3-Nitroaniline             | 14.78 | 138  | 56106    | 24.01 | ng/ul# | 69       |
| 49) Acenaphthene               | 14.92 | 153  | 209955   | 22.52 | ng/ul  | 98       |
| 50) 2,4-Dinitrophenol          | 15.00 | 184  | 22305    | 12.72 | ng/ul  | 87       |
| 52) 4-Nitrophenol              | 15.10 | 109  | 62669    | 23.72 | ng/ul  | 98       |
| 53) Dibenzofuran               | 15.25 | 168  | 331063   | 22.45 | ng/ul  | 99       |
| 54) 2,4-Dinitrotoluene         | 15.23 | 165  | 88054    | 21.65 | ng/ul  | 100      |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.48 | 232  | 95462    | 23.44 | ng/ul  | 96       |
| 56) Diethylphthalate           | 15.65 | 149  | 273095   | 20.54 | ng/ul  | 95       |
| 58) Fluorene                   | 15.90 | 166  | 265220   | 22.10 | ng/ul  | 100      |
| 59) 4-Chlorophenyl-phenylether | 15.88 | 204  | 151274   | 22.38 | ng/ul# | 84       |
| 60) 4-Nitroaniline             | 15.94 | 138  | 63406    | 22.50 | ng/ul  | 88       |
| 63) 4,6-Dinitro-2-methylphenol | 16.00 | 198  | 64038    | 24.04 | ng/ul# | 89       |
| 64) N-Nitrosodiphenylamine     | 16.10 | 169  | 249463   | 23.32 | ng/ul  | 91       |
| 65) 4-Bromophenyl-phenylether  | 16.77 | 248  | 113187   | 24.09 | ng/ul  | 96       |
| 66) Hexachlorobenzene          | 16.90 | 284  | 121636   | 23.00 | ng/ul  | 93       |
| 67) Atrazine                   | 17.04 | 200  | 110677   | 21.76 | ng/ul  | 93       |
| 68) Pentachlorophenol          | 17.26 | 266  | 68544    | 21.58 | ng/ul# | 81       |
| 69) Phenanthrene               | 17.64 | 178  | 456990   | 23.02 | ng/ul  | 98       |
| 71) Anthracene                 | 17.74 | 178  | 474744   | 23.26 | ng/ul  | 98       |
| 72) Carbazole                  | 18.01 | 167  | 418225   | 24.56 | ng/ul  | 95       |
| 73) Di-n-butylphthalate        | 18.52 | 149  | 485429   | 22.58 | ng/ul  | 98       |
| 74) Fluoranthene               | 19.64 | 202  | 585383   | 24.82 | ng/ul  | 98       |
| 77) Pyrene                     | 20.01 | 202  | 578833   | 22.02 | ng/ul# | 95       |
| 78) Butylbenzylphthalate       | 20.85 | 149  | 237383   | 23.07 | ng/ul  | 99       |
| 79) 3,3'-Dichlorobenzidine     | 21.78 | 252  | 256803   | 26.94 | ng/ul  | 96       |
| 80) Benzo(a)anthracene         | 21.87 | 228  | 660243   | 23.24 | ng/ul  | 98       |
| 81) Bis(2-ethylhexyl)phthalate | 21.72 | 149  | 316313   | 22.33 | ng/ul  | 96       |
| 82) Chrysene                   | 21.94 | 228  | 619054   | 23.30 | ng/ul  | 98       |
| 84) Di-n-octyl phthalate       | 22.98 | 149  | 549506   | 24.03 | ng/ul  | 100      |
| 85) Benzo(b)fluoranthene       | 24.22 | 252  | 632391   | 22.64 | ng/ul  | 98       |
| 86) Benzo(k)fluoranthene       | 24.29 | 252  | 631924   | 23.80 | ng/ul  | 96       |
| 88) Benzo(a)pyrene             | 25.16 | 252  | 619807   | 23.08 | ng/ul  | 97       |
| 89) Indeno(1,2,3-cd)pyrene     | 29.28 | 276  | 635437   | 19.04 | ng/ul  | 96       |
| 90) Dibenzo(a,h)anthracene     | 29.31 | 278  | 553164   | 19.67 | ng/ul  | 95       |
| 91) Benzo(g,h,i)perylene       | 30.51 | 276  | 504197   | 18.10 | ng/ul# | 95       |

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





#2

1,4-Dioxane

Concen: 8.18 ng/uL

RT: 3.62 min Scan# 134

Delta R.T. 0.00 min

Lab File: BG025267.D

Acq: 17 Dec 2016 9:46

Instrument :

BNA\_G

ClientSampleId :

SSTD02015

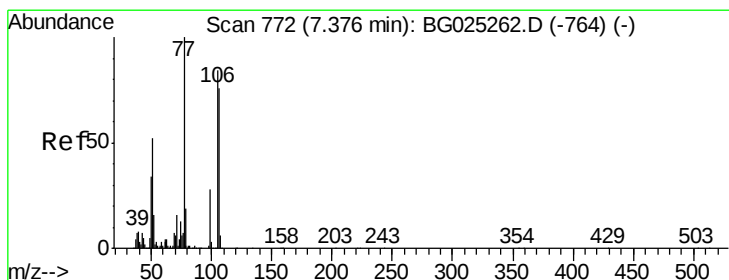
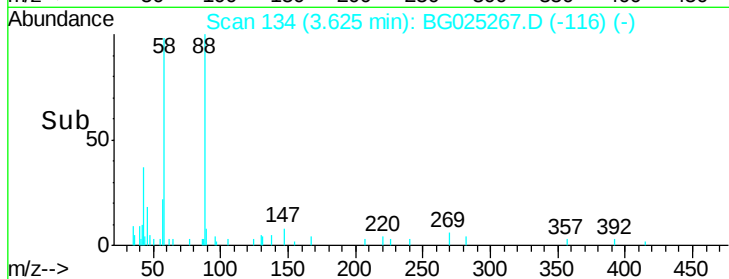
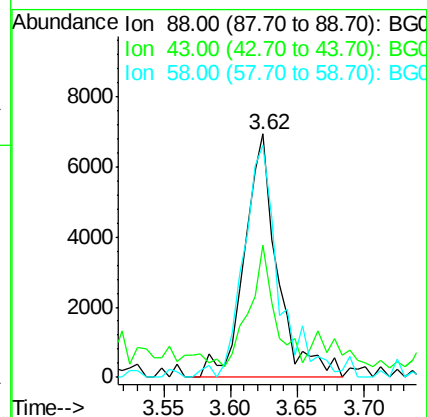
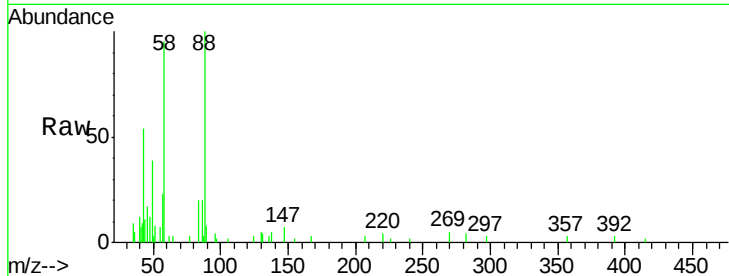
Tgt Ion: 88 Resp: 11736

Ion Ratio Lower Upper

88 100

43 54.4 39.2 58.8

58 95.5 69.4 104.0



#4

Benzaldehyde

Concen: 23.28 ng/uL

RT: 7.37 min Scan# 772

Delta R.T. -0.00 min

Lab File: BG025267.D

Acq: 17 Dec 2016 9:46

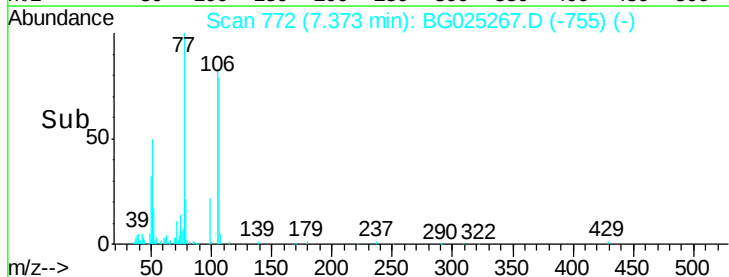
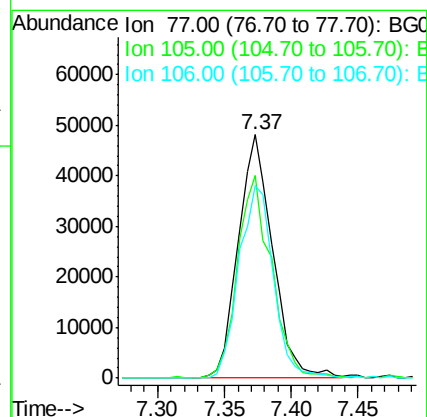
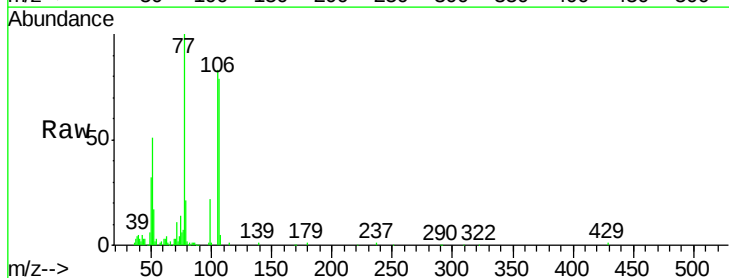
Tgt Ion: 77 Resp: 86055

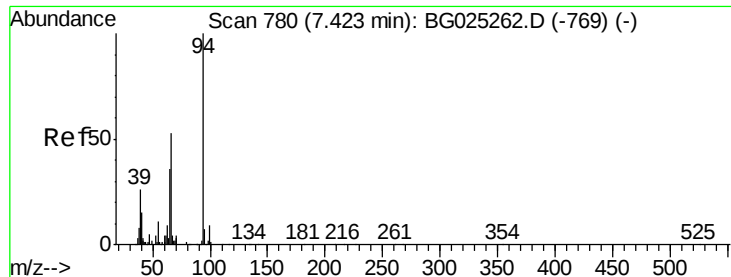
Ion Ratio Lower Upper

77 100

105 83.2 62.0 93.0

106 79.1 60.2 90.4





#6

Phenol

Concen: 22.74 ng/ul

RT: 7.42 min Scan# 780

Delta R.T. -0.00 min

Lab File: BG025267.D

Acq: 17 Dec 2016 9:46

Instrument :

BNA\_G

ClientSampleId :

SSTD02015

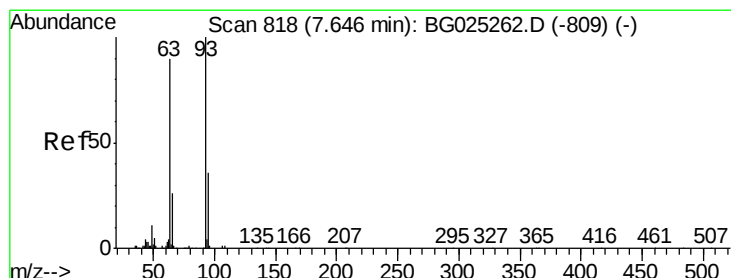
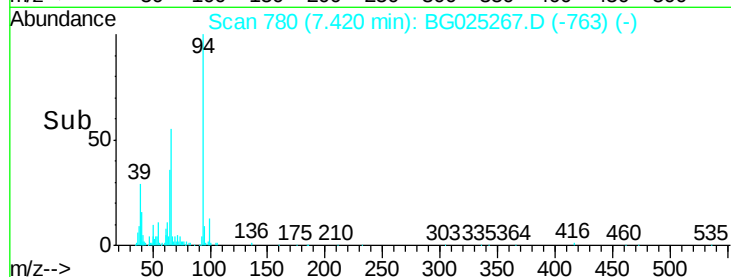
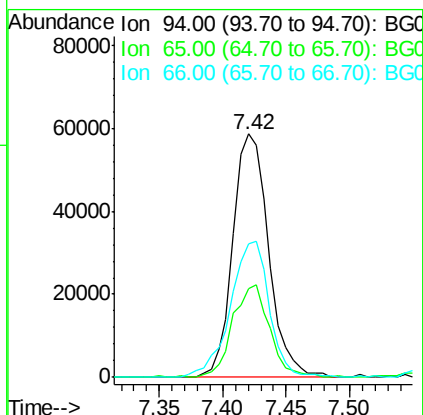
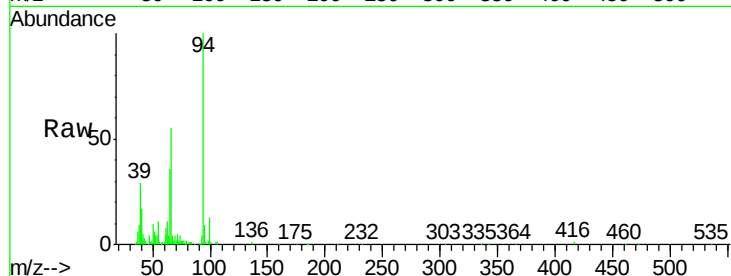
Tgt Ion: 94 Resp: 114621

Ion Ratio Lower Upper

94 100

65 36.2 26.8 40.2

66 55.1 44.4 66.6



#8

Bis(2-Chloroethyl)ether

Concen: 21.90 ng/ul

RT: 7.64 min Scan# 818

Delta R.T. -0.00 min

Lab File: BG025267.D

Acq: 17 Dec 2016 9:46

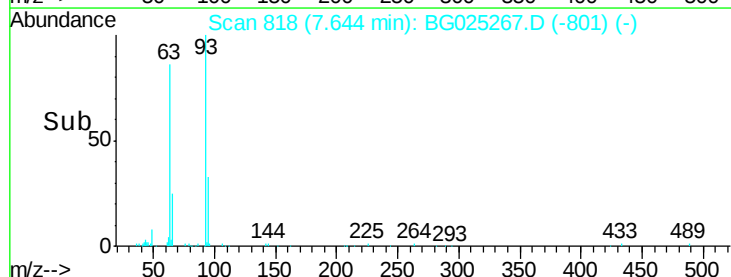
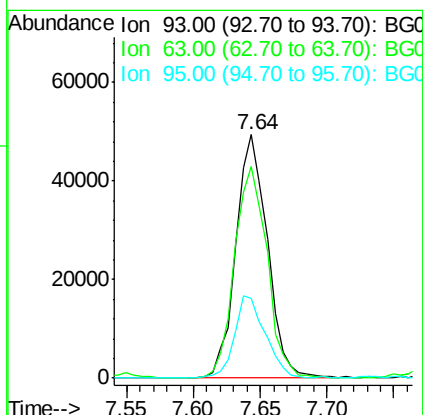
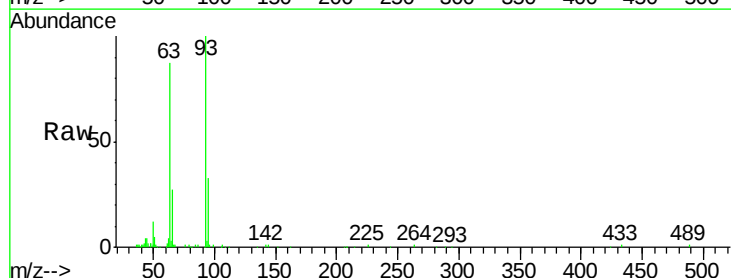
Tgt Ion: 93 Resp: 80756

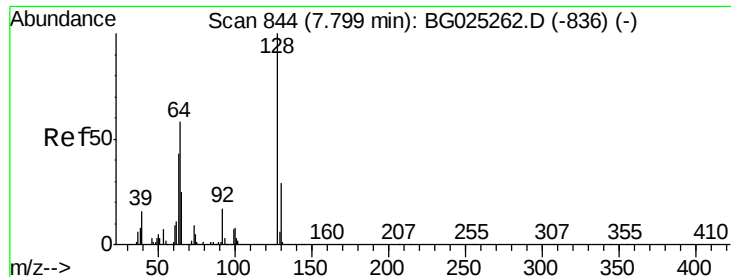
Ion Ratio Lower Upper

93 100

63 87.1 75.5 113.3

95 32.5 29.2 43.8

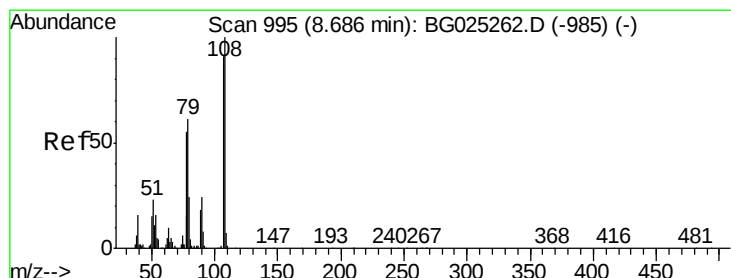
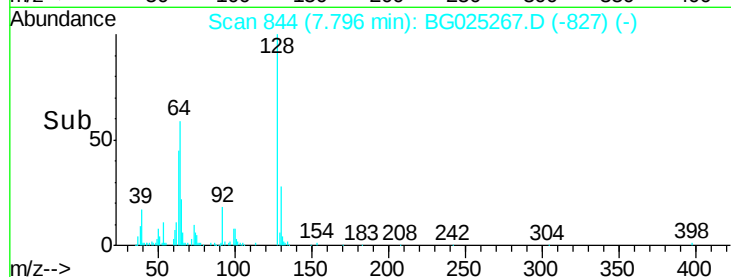
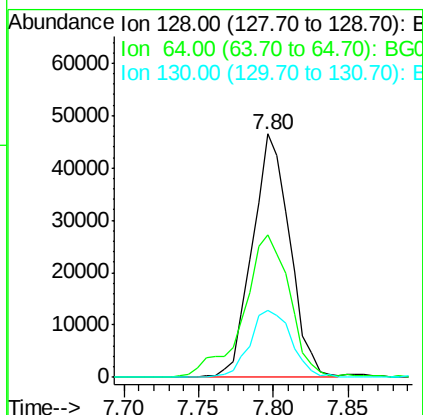
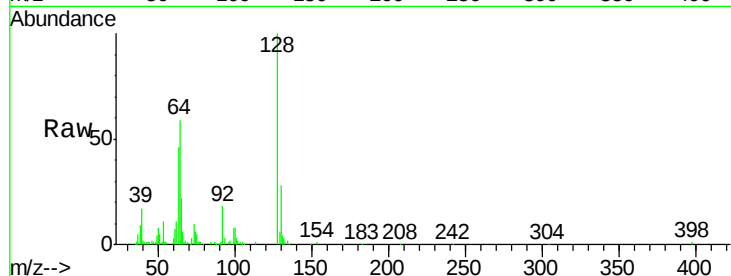




#10  
2-Chlorophenol  
Concen: 23.33 ng/ul  
RT: 7.80 min Scan# 844  
Delta R.T. -0.00 min  
Lab File: BG025267.D  
Acq: 17 Dec 2016 9:46

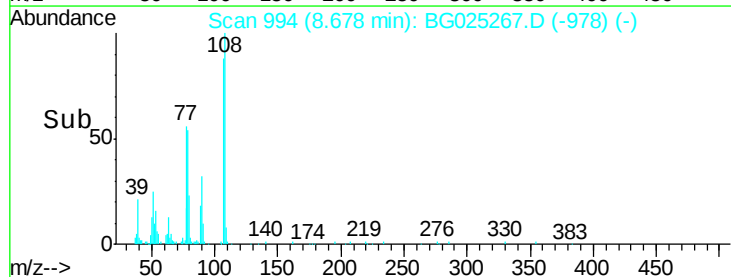
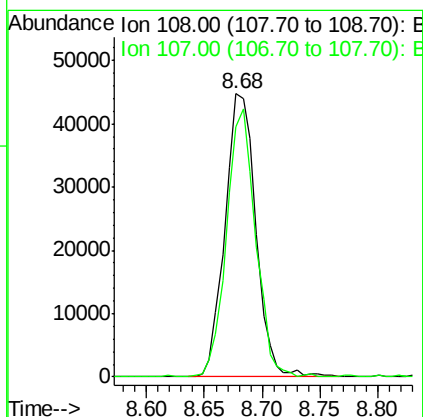
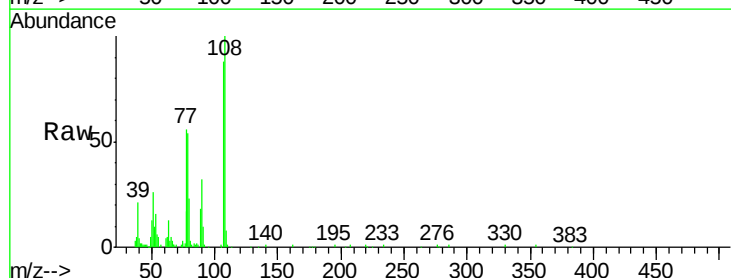
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02015

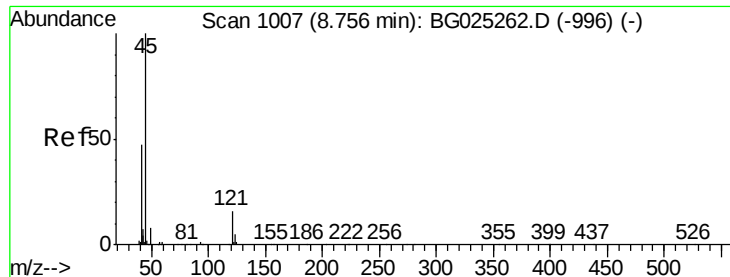
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 64      | 58.6  | 56.3  | 84.5  |
| 130     | 27.7  | 26.7  | 40.1  |



#11  
2-Methylphenol  
Concen: 22.32 ng/ul  
RT: 8.68 min Scan# 994  
Delta R.T. -0.01 min  
Lab File: BG025267.D  
Acq: 17 Dec 2016 9:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 108     | 100   |       |       |
| 107     | 88.4  | 76.7  | 115.1 |

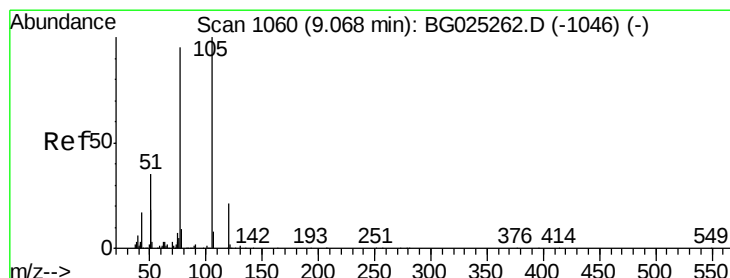
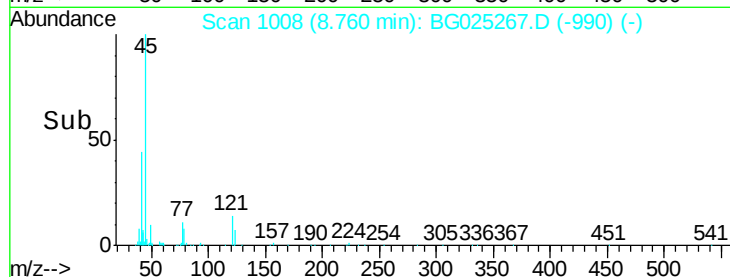
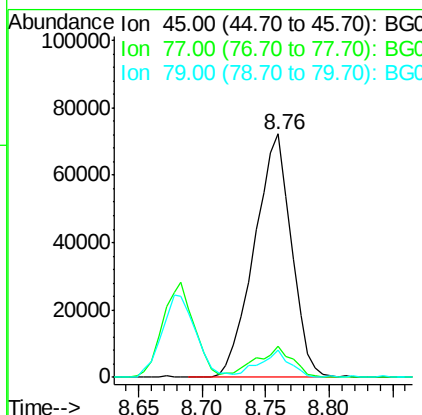
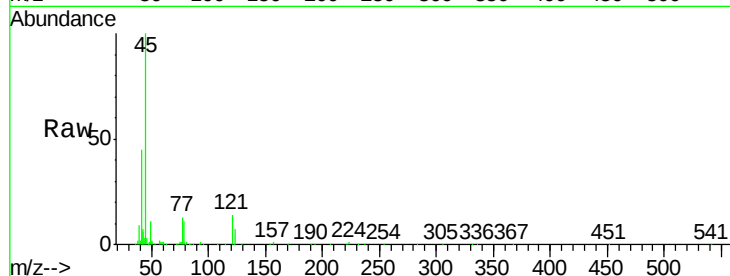




#12  
2,2'-oxybis(1-Chloropropane)  
Concen: 23.46 ng/ul  
RT: 8.76 min Scan# 1008  
Delta R.T. 0.00 min  
Lab File: BG025267.D  
Acq: 17 Dec 2016 9:46

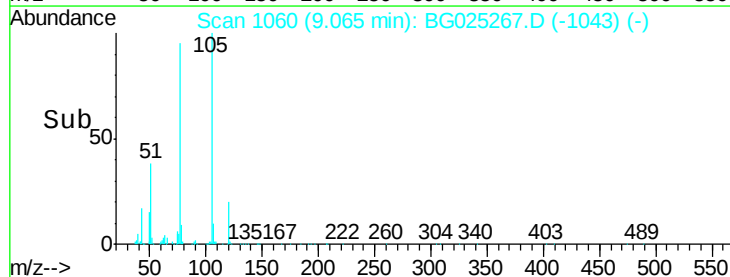
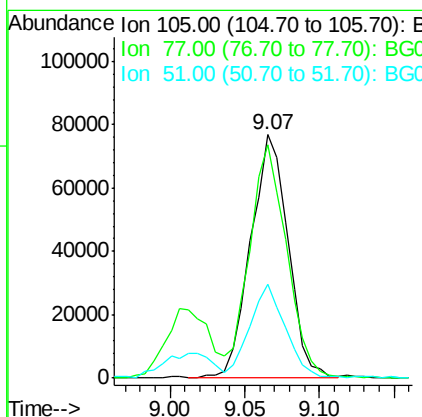
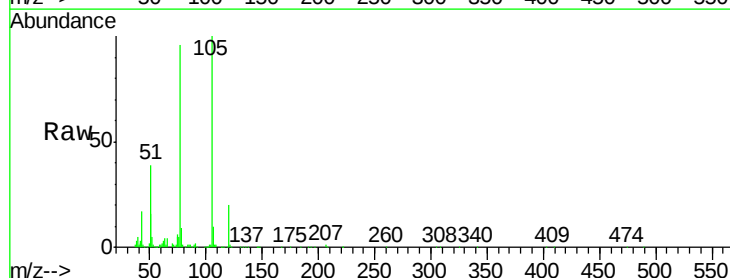
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02015

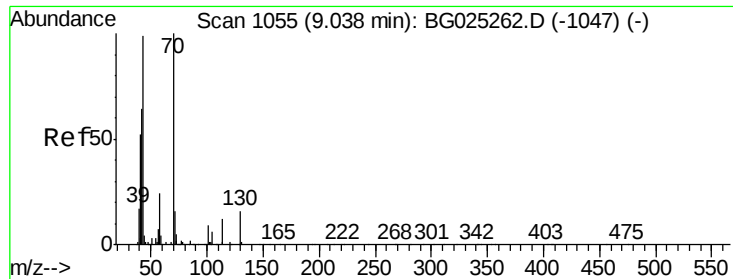
Tgt Ion: 45 Resp: 147094  
Ion Ratio Lower Upper  
45 100  
77 12.9 10.0 15.0  
79 11.2 7.3 10.9#



#14  
Acetophenone  
Concen: 21.33 ng/ul  
RT: 9.07 min Scan# 1060  
Delta R.T. -0.00 min  
Lab File: BG025267.D  
Acq: 17 Dec 2016 9:46

Tgt Ion: 105 Resp: 133225  
Ion Ratio Lower Upper  
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77 95.8 76.0 114.0  
51 38.5 34.8 52.2

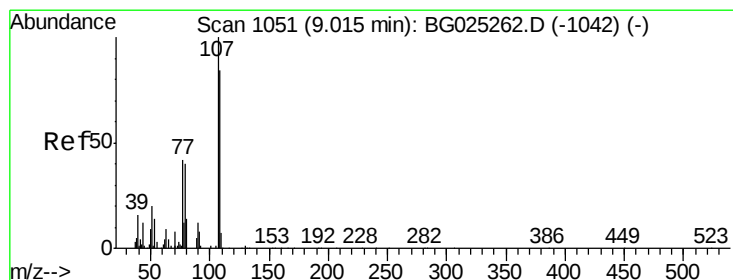
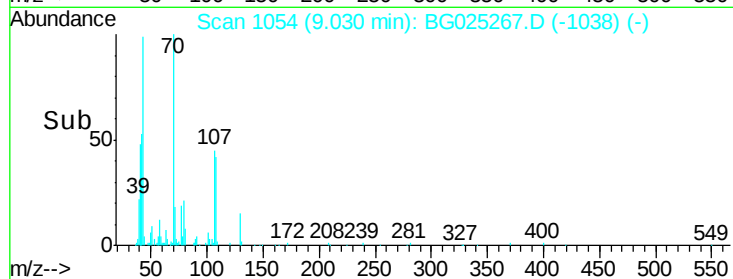
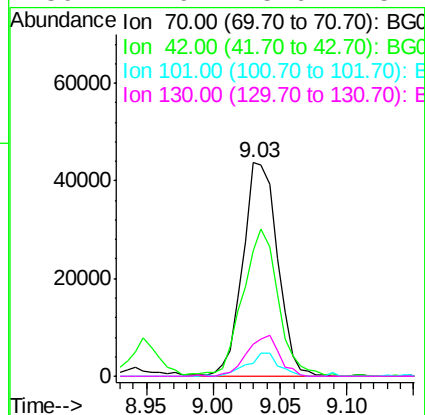
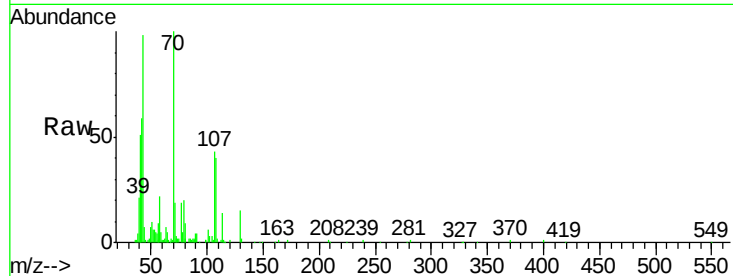




#15  
N-Nitroso-di-n-propylamine  
Concen: 21.81 ng/ul  
RT: 9.03 min Scan# 1054  
Delta R.T. -0.01 min  
Lab File: BG025267.D  
Acq: 17 Dec 2016 9:46

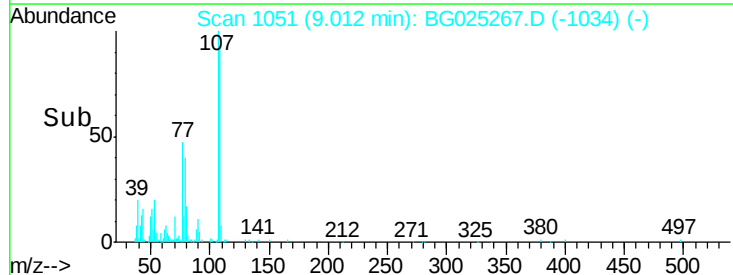
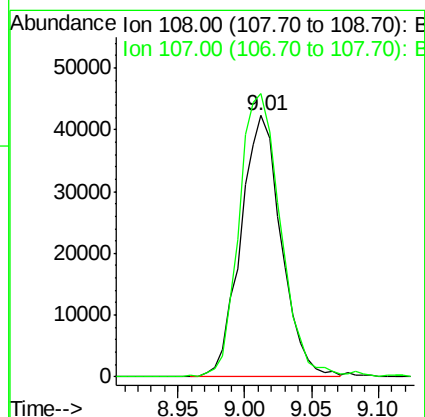
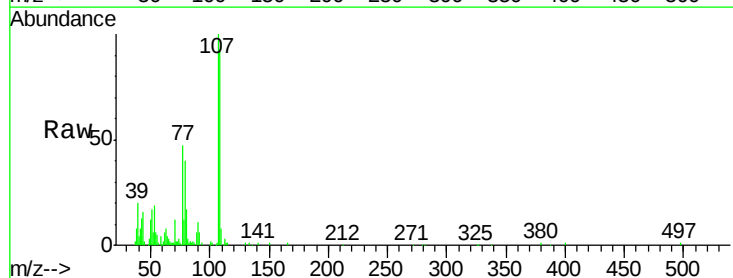
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02015

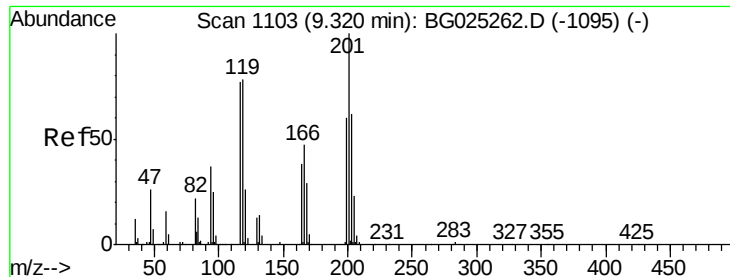
Tgt Ion: 70 Resp: 78652  
Ion Ratio Lower Upper  
70 100  
42 58.9 59.0 88.6#  
101 5.9 6.6 9.8#  
130 14.9 15.6 23.4#



#16  
4-Methylphenol  
Concen: 21.48 ng/ul  
RT: 9.01 min Scan# 1051  
Delta R.T. -0.00 min  
Lab File: BG025267.D  
Acq: 17 Dec 2016 9:46

Tgt Ion: 108 Resp: 88685  
Ion Ratio Lower Upper  
108 100  
107 108.4 91.7 137.5





#17

Hexachloroethane

Concen: 24.74 ng/ul

RT: 9.32 min Scan# 1103

Delta R.T. -0.00 min

Lab File: BG025267.D

Acq: 17 Dec 2016 9:46

Instrument :

BNA\_G

ClientSampleId :

SSTD02015

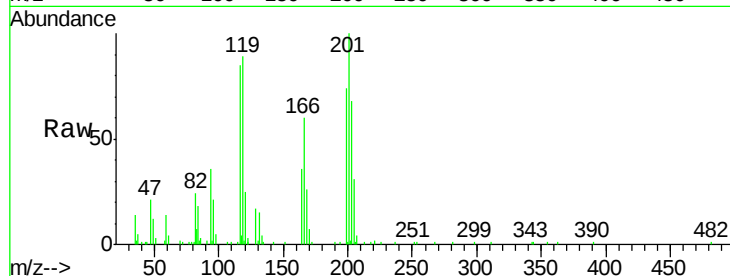
Tgt Ion:117 Resp: 37838

Ion Ratio Lower Upper

117 100

201 113.0 91.9 137.9

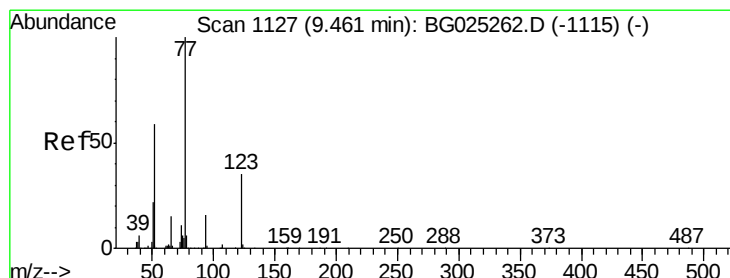
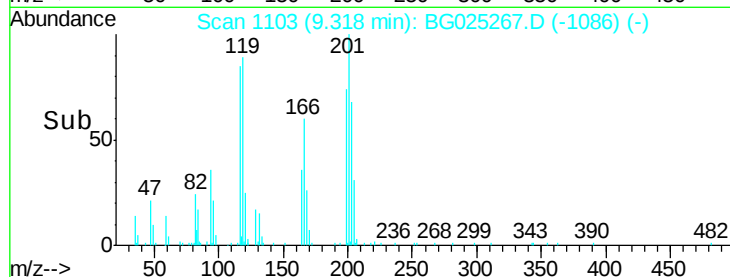
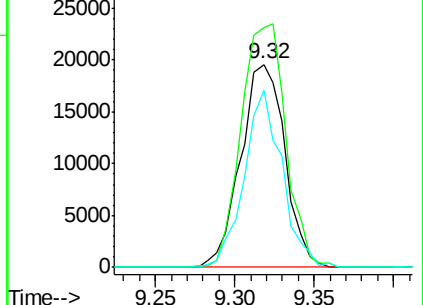
199 85.3 64.3 96.5



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: 22.99 ng/ul

RT: 9.46 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BG025267.D

Acq: 17 Dec 2016 9:46

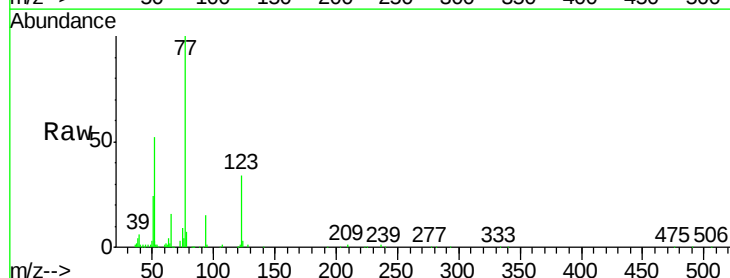
Tgt Ion: 77 Resp: 119628

Ion Ratio Lower Upper

77 100

123 34.4 27.4 41.0

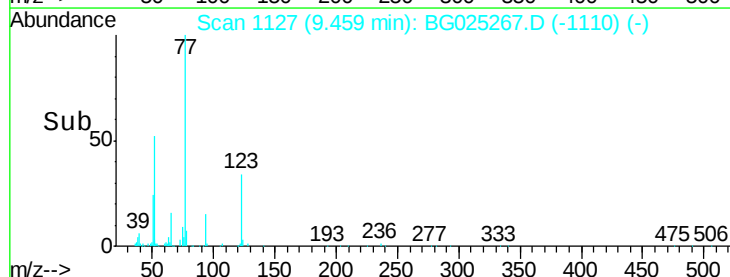
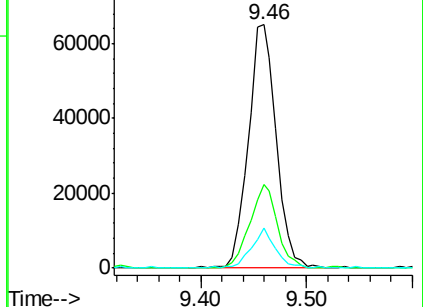
65 16.3 13.3 19.9

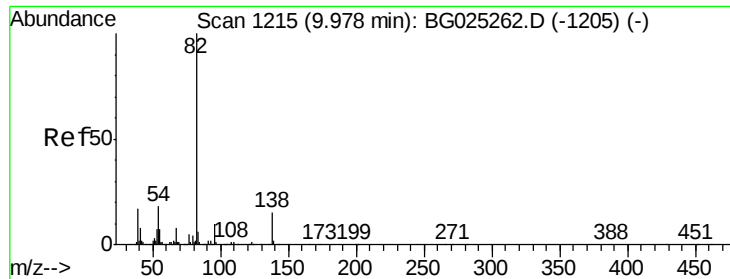


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#21

Isophorone

Concen: 21.70 ng/ul

RT: 9.98 min Scan# 1215

Delta R.T. -0.00 min

Lab File: BG025267.D

Acq: 17 Dec 2016 9:46

Instrument :

BNA\_G

ClientSampleId :

SSTD02015

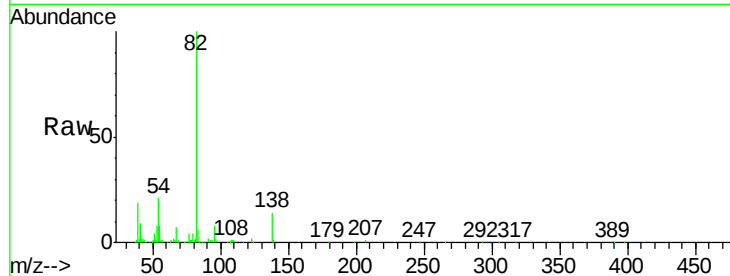
Tgt Ion: 82 Resp: 213694

Ion Ratio Lower Upper

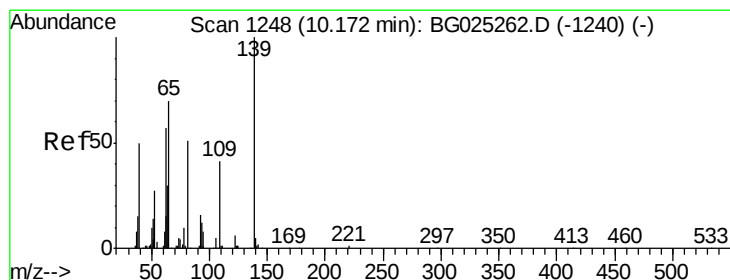
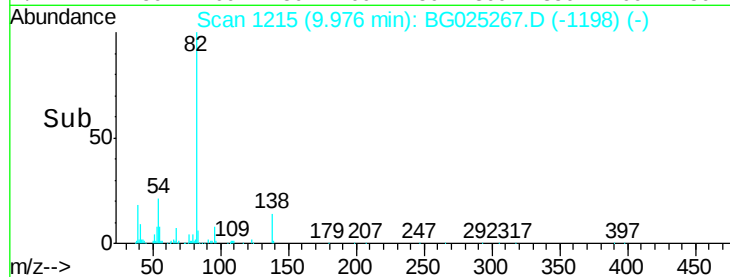
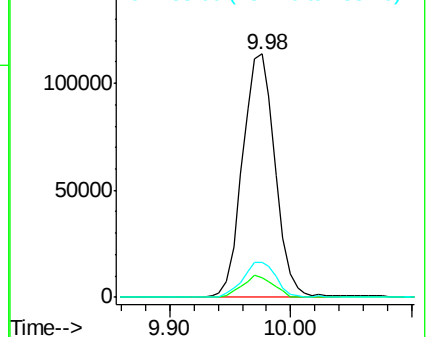
82 100

95 8.1 7.8 11.6

138 14.2 12.2 18.2



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: 22.70 ng/ul

RT: 10.18 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BG025267.D

Acq: 17 Dec 2016 9:46

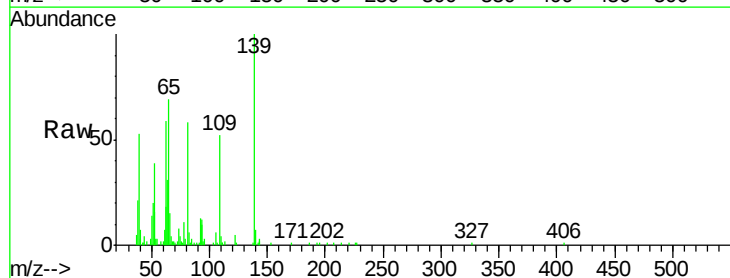
Tgt Ion: 139 Resp: 48616

Ion Ratio Lower Upper

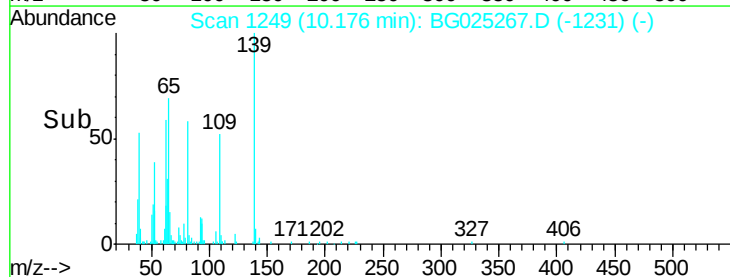
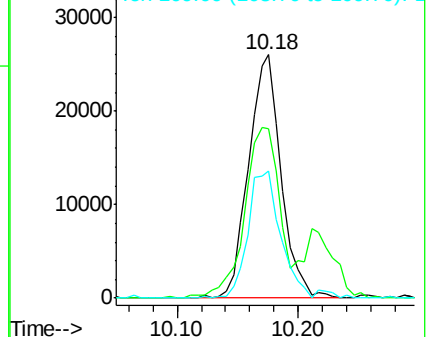
139 100

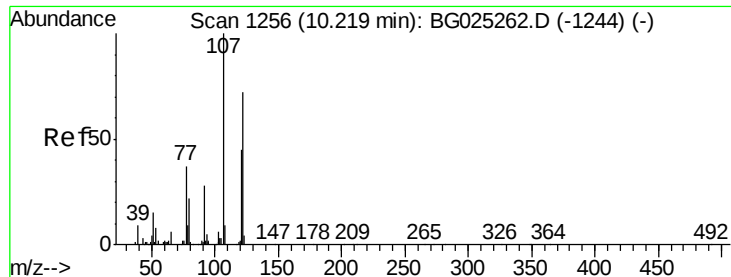
65 69.5 67.0 100.6

109 52.0 39.6 59.4



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

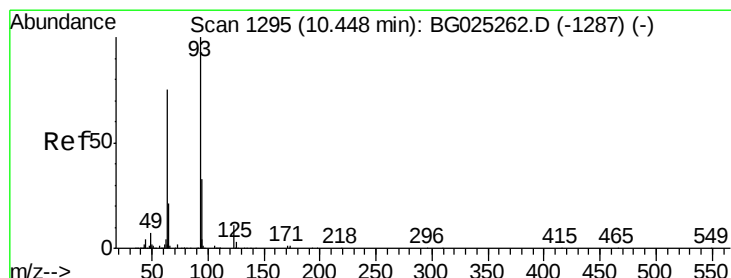
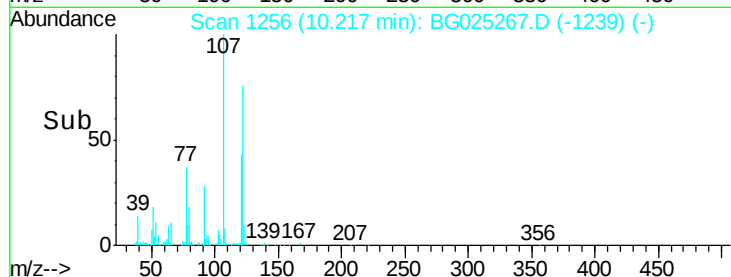
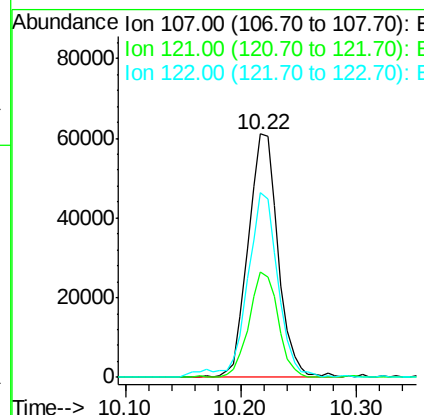
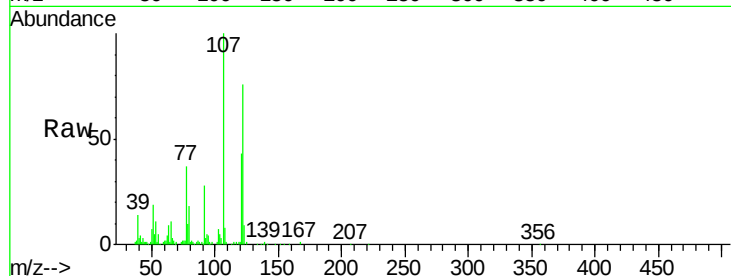




#24  
 2,4-Dimethylphenol  
 Concen: 22.44 ng/ul  
 RT: 10.22 min Scan# 1256  
 Delta R.T. -0.00 min  
 Lab File: BG025267.D  
 Acq: 17 Dec 2016 9:46

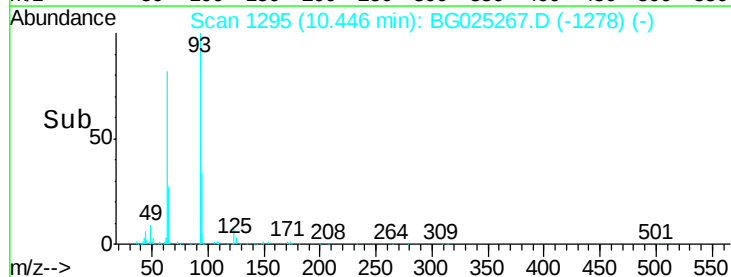
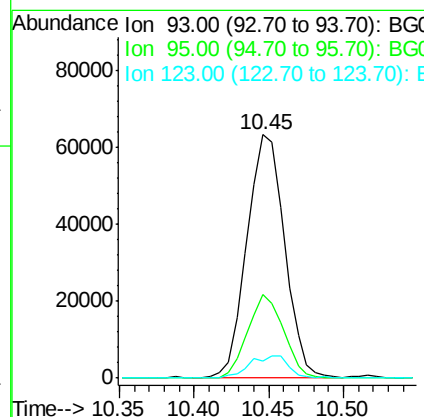
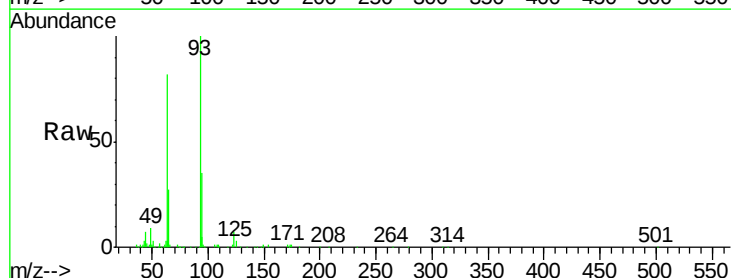
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST02015

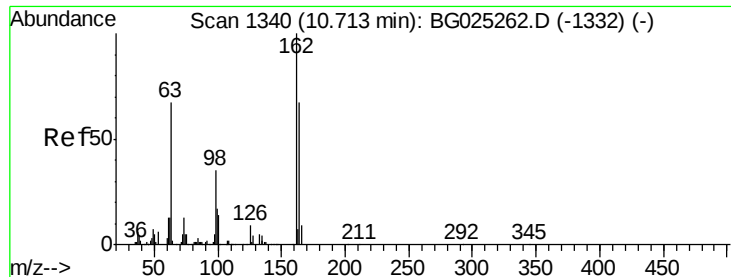
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 121     | 43.0  | 32.3  | 48.5  |
| 122     | 75.7  | 61.2  | 91.8  |



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 22.10 ng/ul  
 RT: 10.45 min Scan# 1295  
 Delta R.T. -0.00 min  
 Lab File: BG025267.D  
 Acq: 17 Dec 2016 9:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 34.5  | 23.4  | 35.0  |
| 123     | 6.8   | 7.8   | 11.6  |

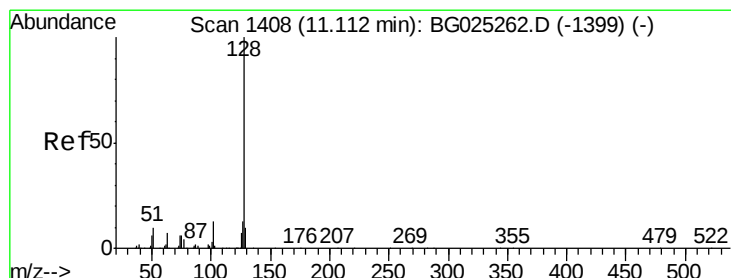
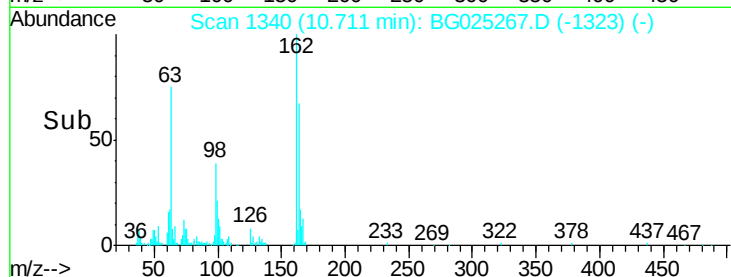
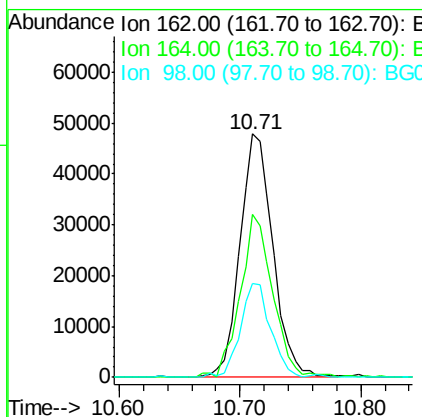
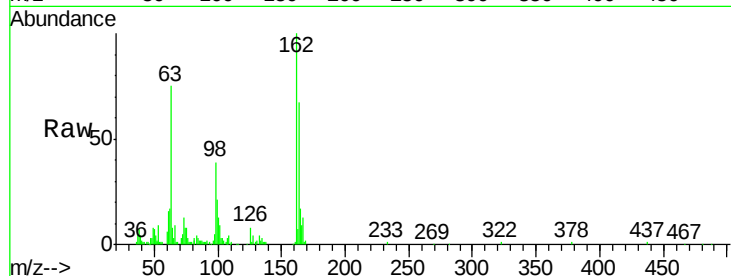




#27  
 2,4-Dichlorophenol  
 Concen: 23.09 ng/ul  
 RT: 10.71 min Scan# 1340  
 Delta R.T. -0.00 min  
 Lab File: BG025267.D  
 Acq: 17 Dec 2016 9:46

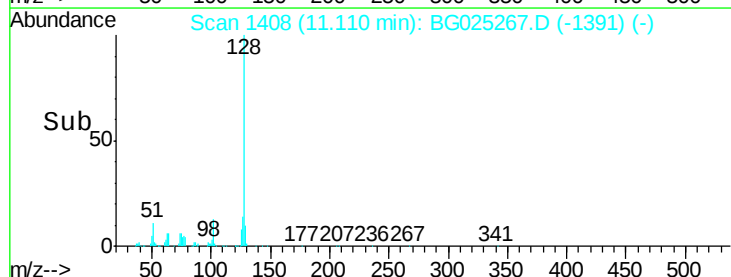
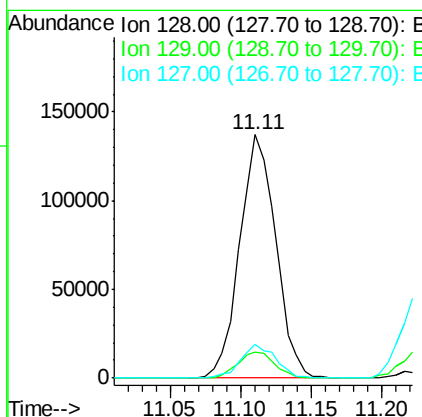
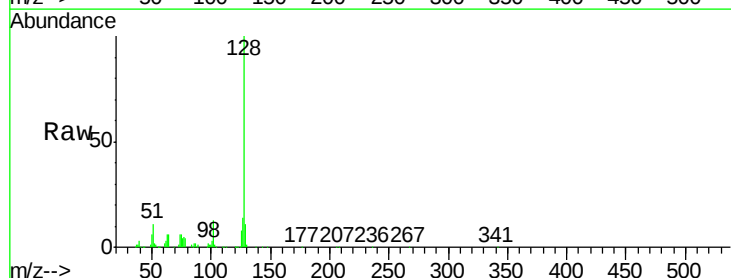
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02015

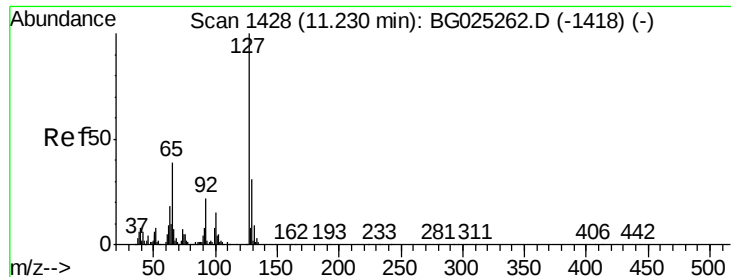
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.9  | 50.8  | 76.2  |
| 98      | 38.7  | 32.1  | 48.1  |



#28  
 Naphthalene  
 Concen: 22.04 ng/ul  
 RT: 11.11 min Scan# 1408  
 Delta R.T. -0.00 min  
 Lab File: BG025267.D  
 Acq: 17 Dec 2016 9:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.6  | 9.4   | 14.2  |
| 127     | 13.7  | 10.3  | 15.5  |

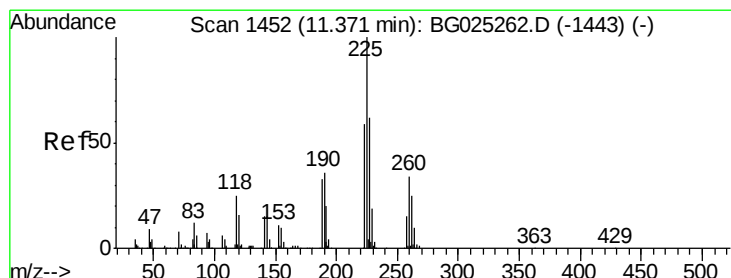
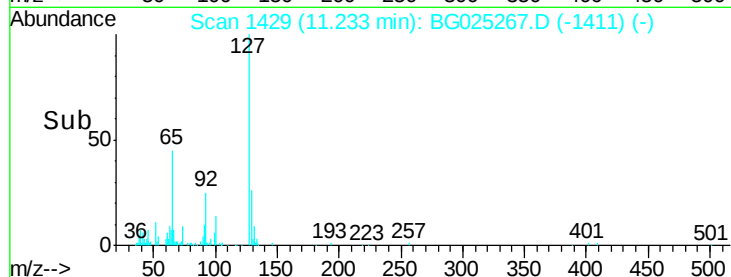
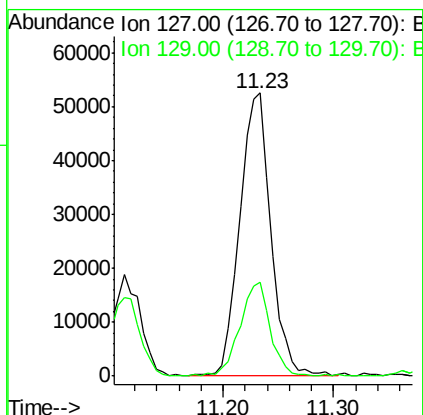
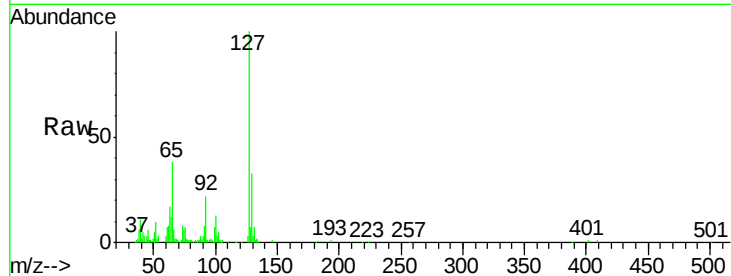




#30  
 4-Chloroaniline  
 Concen: 25.48 ng/ul  
 RT: 11.23 min Scan# 1429  
 Delta R.T. 0.00 min  
 Lab File: BG025267.D  
 Acq: 17 Dec 2016 9:46

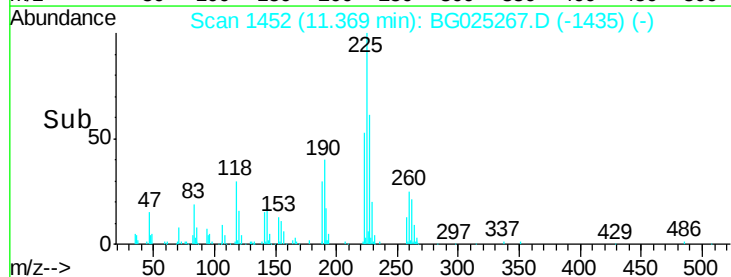
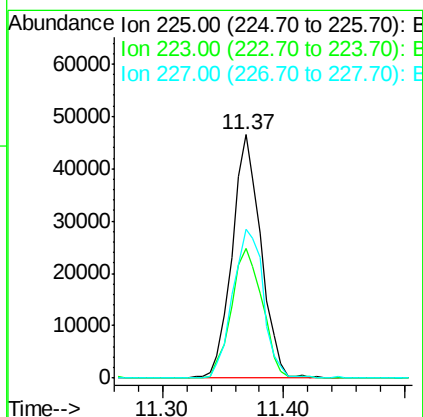
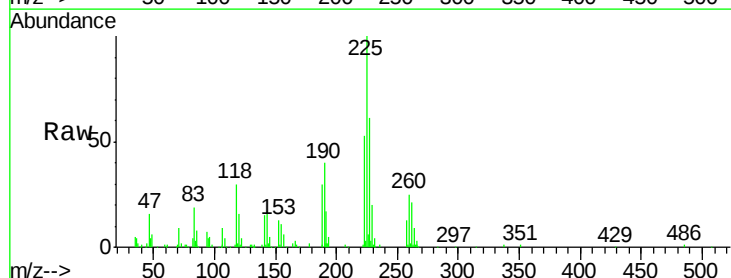
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02015

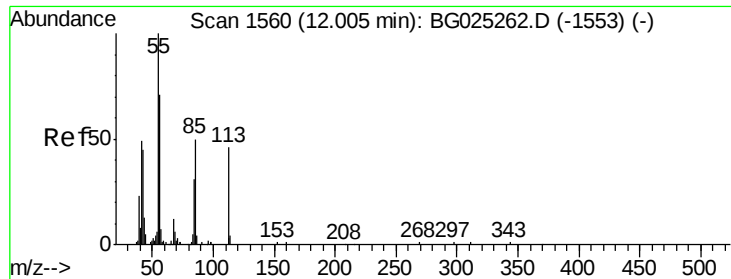
Tgt Ion:127 Resp: 103934  
 Ion Ratio Lower Upper  
 127 100  
 129 33.0 28.9 43.3



#31  
 Hexachlorobutadiene  
 Concen: 22.84 ng/ul  
 RT: 11.37 min Scan# 1452  
 Delta R.T. -0.00 min  
 Lab File: BG025267.D  
 Acq: 17 Dec 2016 9:46

Tgt Ion:225 Resp: 77422  
 Ion Ratio Lower Upper  
 225 100  
 223 56.6 45.9 68.9  
 227 61.0 44.7 67.1





#32

Caprolactam

Concen: 18.46 ng/ul

RT: 12.00 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BG025267.D

Acq: 17 Dec 2016 9:46

Instrument :

BNA\_G

ClientSampleId :

SSTD02015

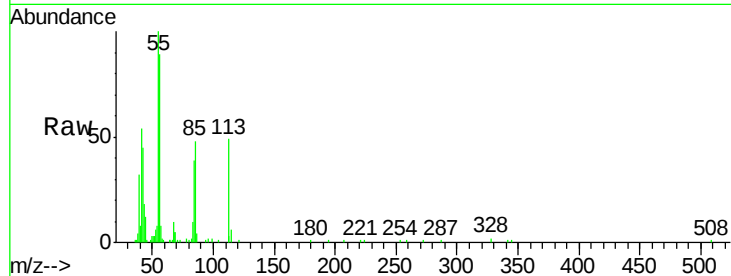
Tgt Ion:113 Resp: 30223

Ion Ratio Lower Upper

113 100

55 205.0 168.6 252.8

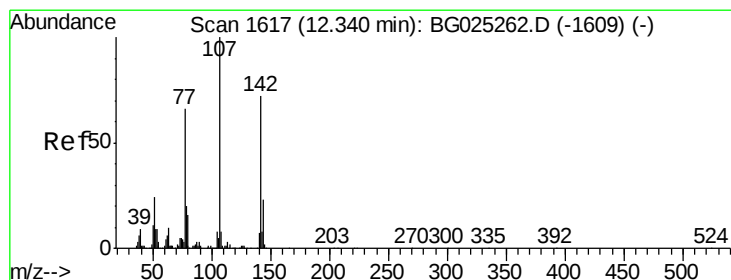
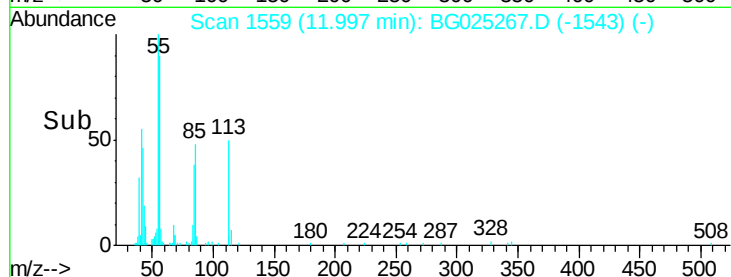
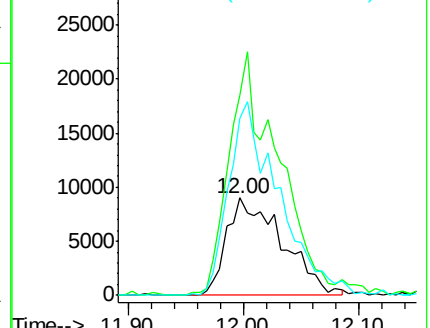
56 181.8 128.5 192.7



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: 21.91 ng/ul

RT: 12.34 min Scan# 1617

Delta R.T. -0.00 min

Lab File: BG025267.D

Acq: 17 Dec 2016 9:46

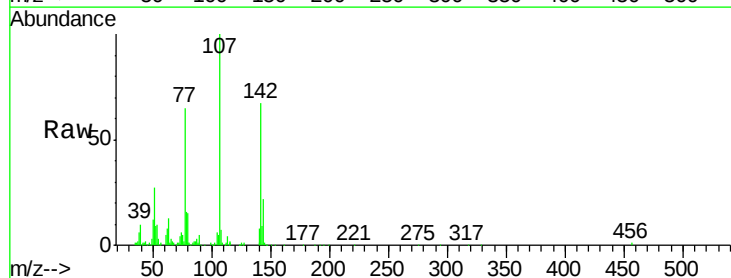
Tgt Ion:107 Resp: 106465

Ion Ratio Lower Upper

107 100

144 22.1 18.2 27.4

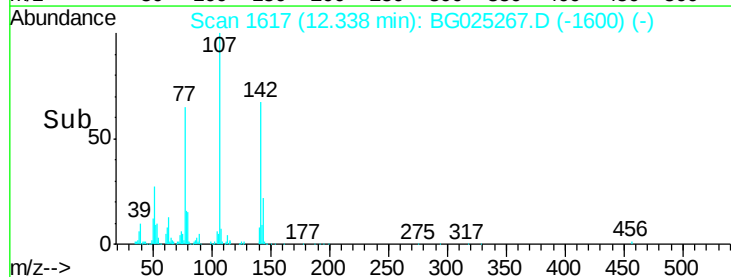
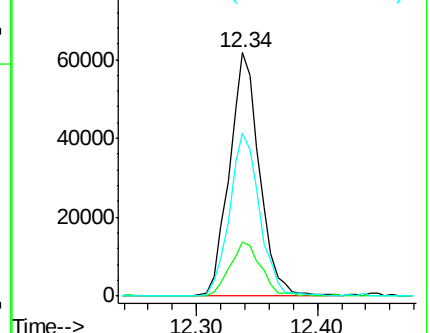
142 66.9 55.0 82.4

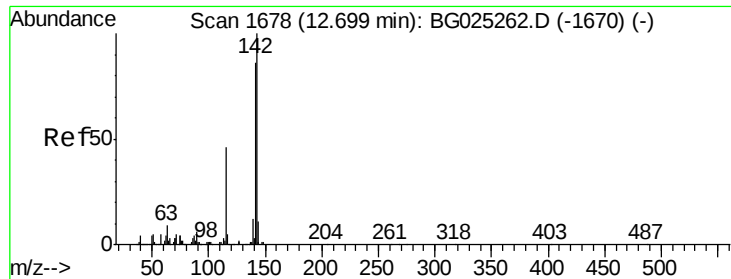


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 21.49 ng/ul

RT: 12.70 min Scan# 1679

Delta R.T. 0.00 min

Lab File: BG025267.D

Acq: 17 Dec 2016 9:46

Instrument :

BNA\_G

ClientSampleId :

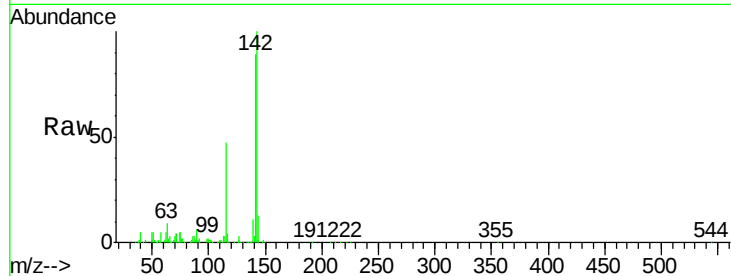
SSTD02015

Tgt Ion:142 Resp: 188537

Ion Ratio Lower Upper

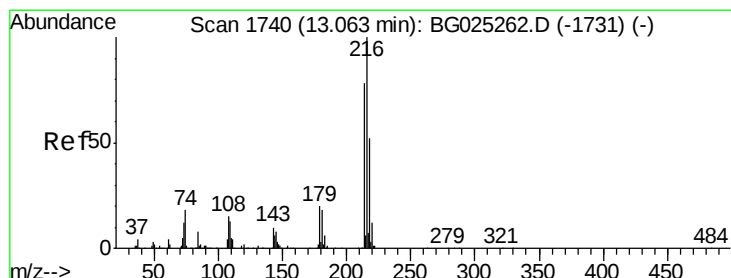
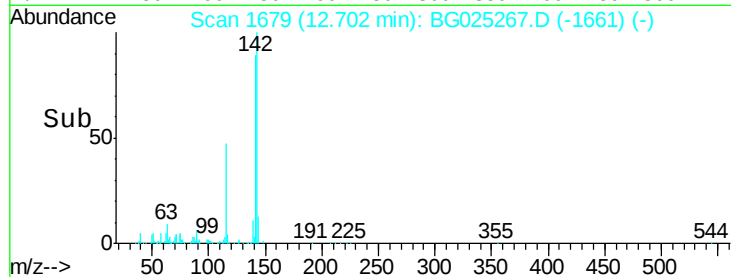
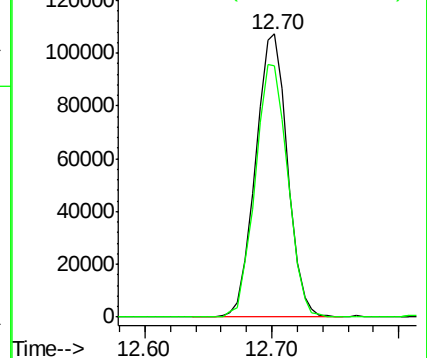
142 100

141 88.8 68.6 102.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 23.91 ng/ul

RT: 13.06 min Scan# 1740

Delta R.T. -0.00 min

Lab File: BG025267.D

Acq: 17 Dec 2016 9:46

Tgt Ion:216 Resp: 133854

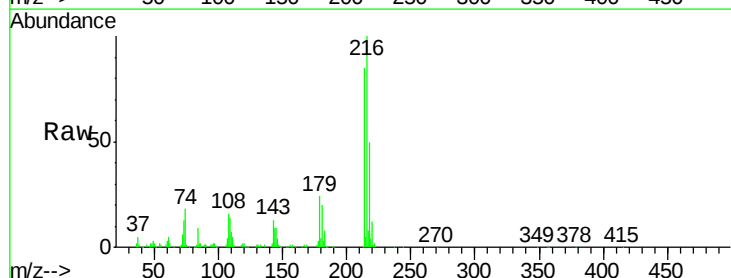
Ion Ratio Lower Upper

216 100

214 84.9 67.0 100.6

179 24.3 18.1 27.1

108 16.2 14.1 21.1

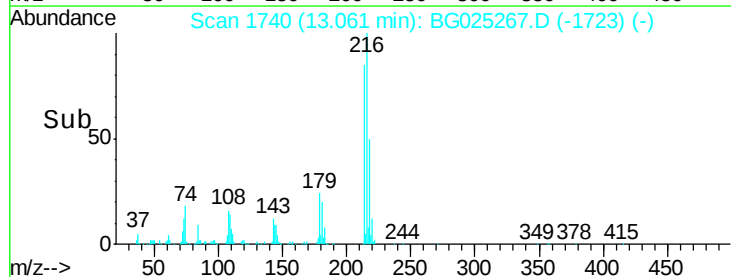
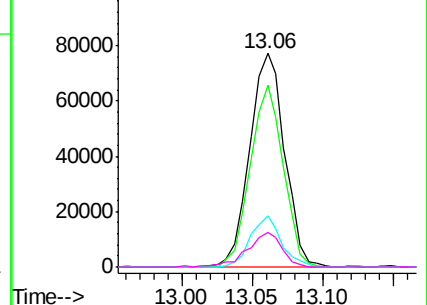


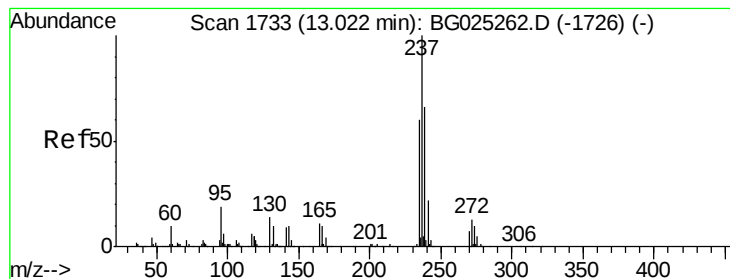
Abundance Ion 216.00 (215.70 to 216.70): E

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





#37

Hexachlorocyclopentadiene

Concen: 11.60 ng/ul

RT: 13.02 min Scan# 1733

Delta R.T. -0.00 min

Lab File: BG025267.D

Acq: 17 Dec 2016 9:46

Instrument :

BNA\_G

ClientSampleId :

SSTD02015

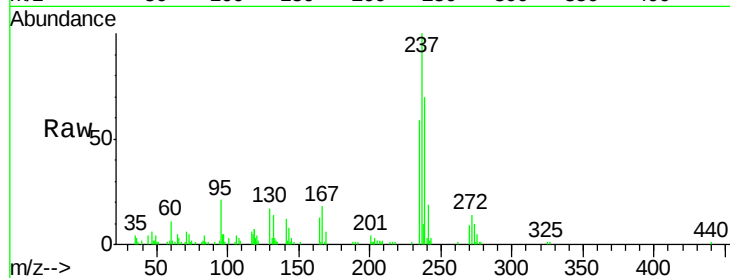
Tgt Ion: 237 Resp: 38120

Ion Ratio Lower Upper

237 100

235 59.4 50.2 75.4

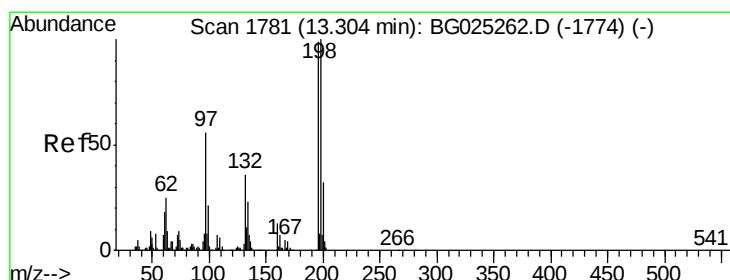
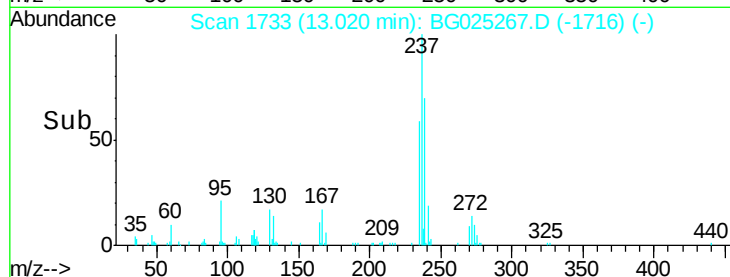
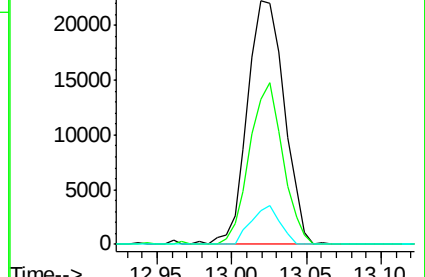
272 13.9 10.6 16.0



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



#38

2,4,6-Trichlorophenol

Concen: 24.78 ng/ul

RT: 13.31 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BG025267.D

Acq: 17 Dec 2016 9:46

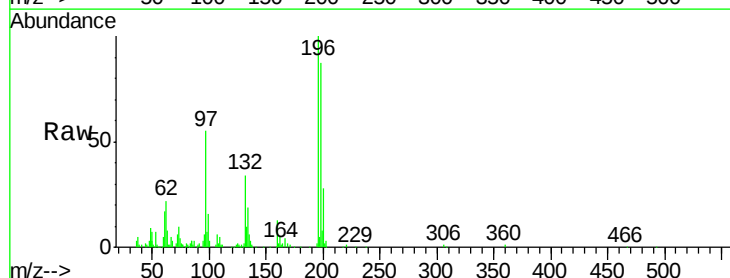
Tgt Ion: 196 Resp: 87153

Ion Ratio Lower Upper

196 100

198 86.9 71.4 107.2

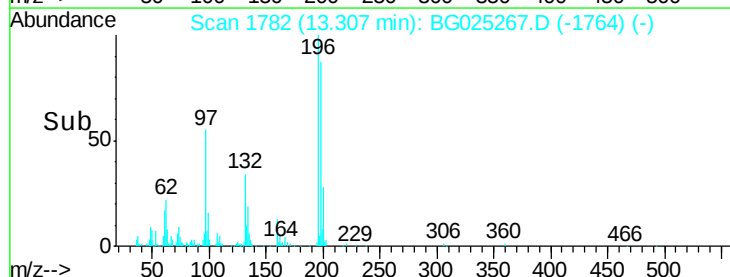
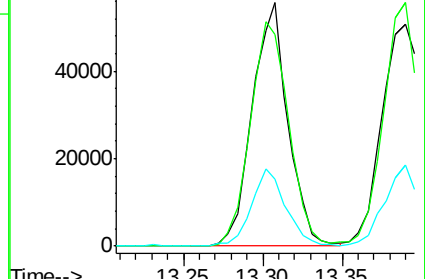
200 27.6 24.6 37.0

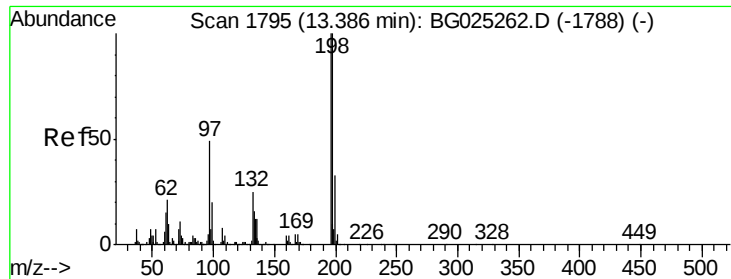


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

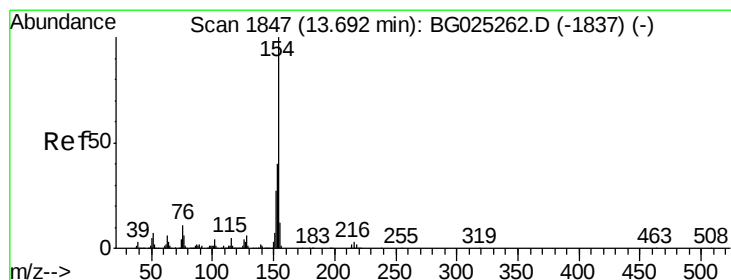
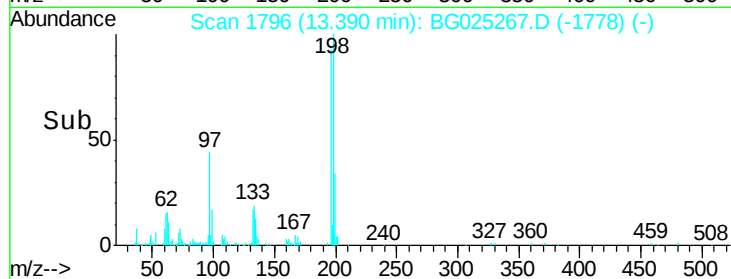
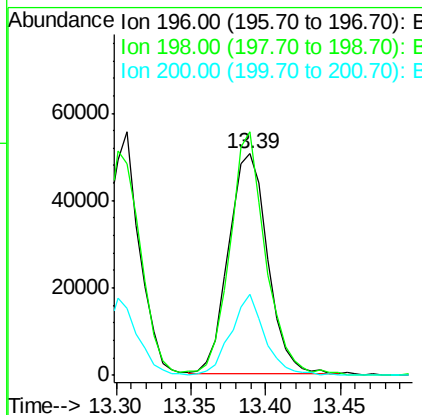
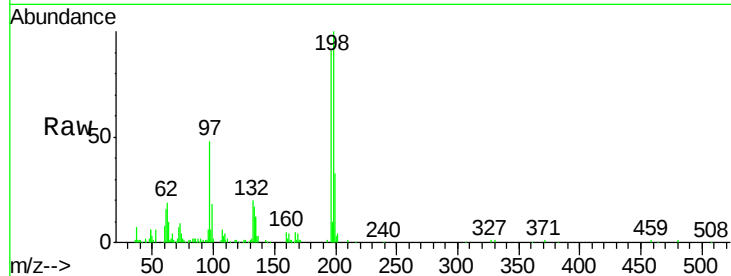




#39  
 2,4,5-Trichlorophenol  
 Concen: 23.86 ng/ul  
 RT: 13.39 min Scan# 1796  
 Delta R.T. 0.00 min  
 Lab File: BG025267.D  
 Acq: 17 Dec 2016 9:46

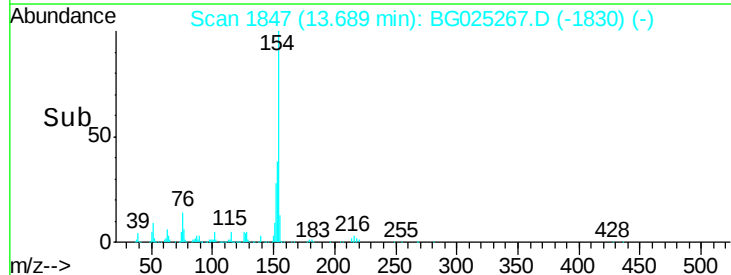
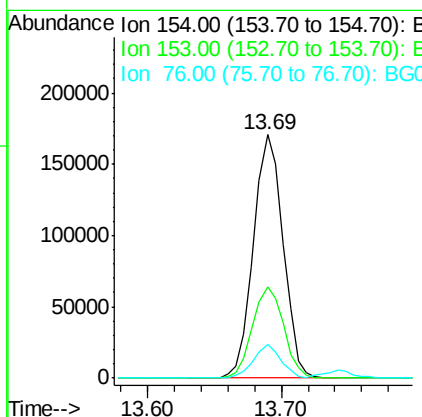
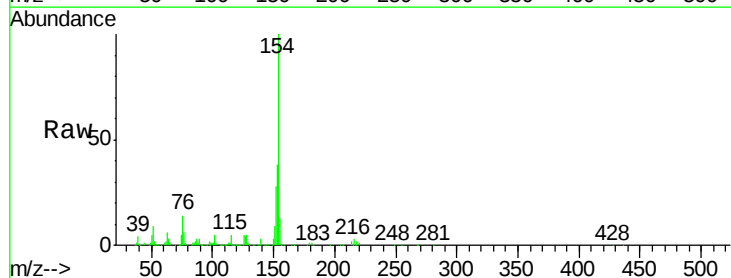
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST02015

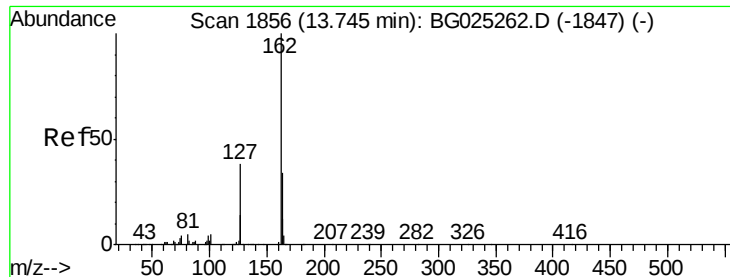
Tgt Ion:196 Resp: 91976  
 Ion Ratio Lower Upper  
 196 100  
 198 109.7 78.6 118.0  
 200 36.3 27.3 40.9



#40  
 1,1'-Biphenyl  
 Concen: 23.22 ng/ul  
 RT: 13.69 min Scan# 1847  
 Delta R.T. -0.00 min  
 Lab File: BG025267.D  
 Acq: 17 Dec 2016 9:46

Tgt Ion:154 Resp: 261517  
 Ion Ratio Lower Upper  
 154 100  
 153 37.7 32.2 48.2  
 76 13.8 9.6 14.4

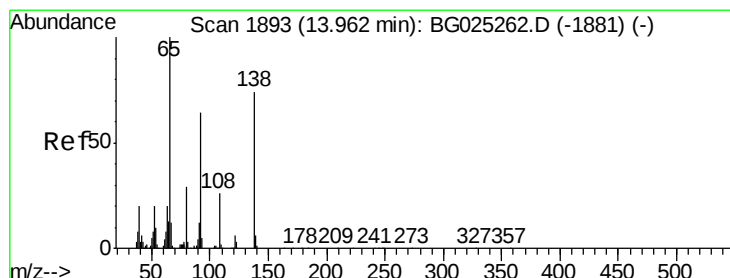
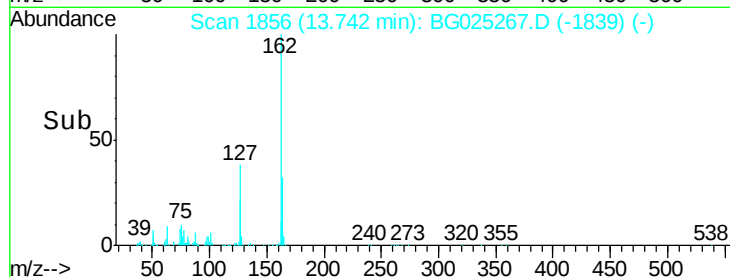
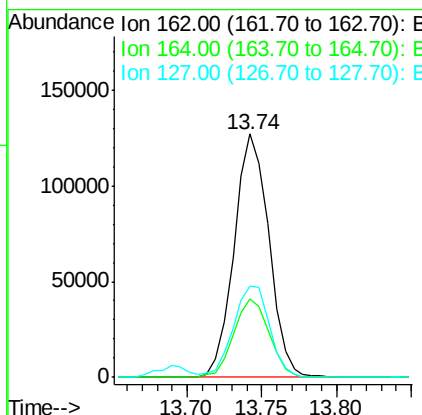
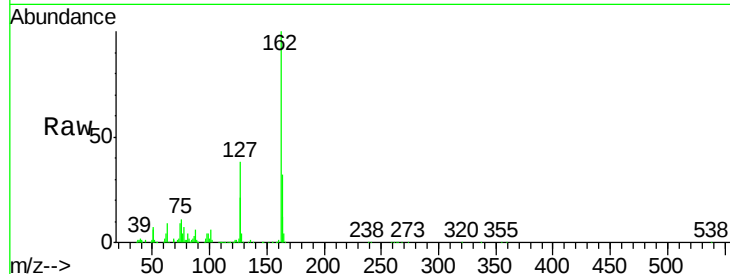




#41  
2-Chloronaphthalene  
Concen: 22.91 ng/ul  
RT: 13.74 min Scan# 1856  
Delta R.T. -0.00 min  
Lab File: BG025267.D  
Acq: 17 Dec 2016 9:46

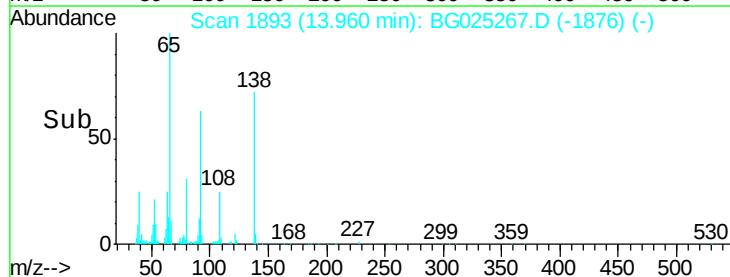
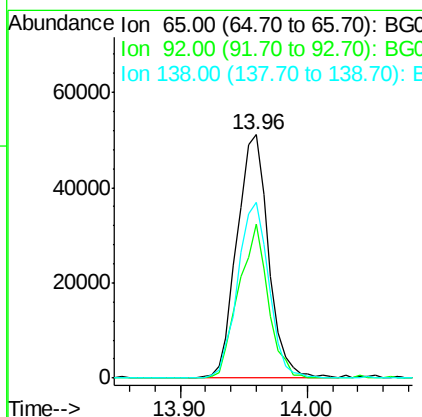
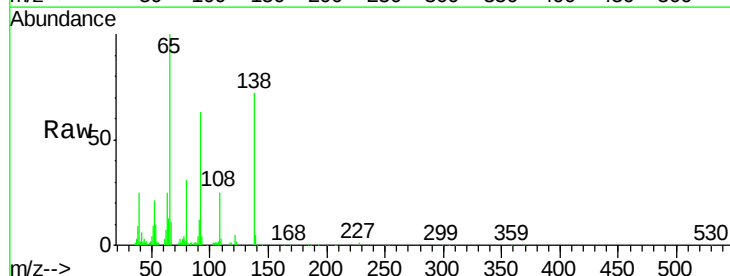
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02015

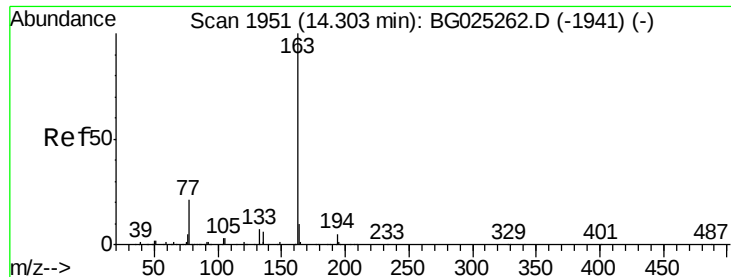
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 32.1  | 25.0  | 37.6  |
| 127     | 37.5  | 30.7  | 46.1  |



#42  
2-Nitroaniline  
Concen: 25.22 ng/ul  
RT: 13.96 min Scan# 1893  
Delta R.T. -0.00 min  
Lab File: BG025267.D  
Acq: 17 Dec 2016 9:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 63.1  | 50.9  | 76.3  |
| 138     | 72.4  | 61.8  | 92.6  |





#44

Dimethylphthalate

Concen: 22.05 ng/ul

RT: 14.29 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG025267.D

Acq: 17 Dec 2016 9:46

Instrument :

BNA\_G

ClientSampleId :

SSTD02015

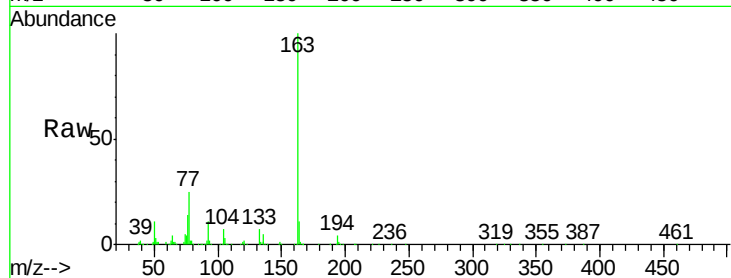
Tgt Ion:163 Resp: 276882

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

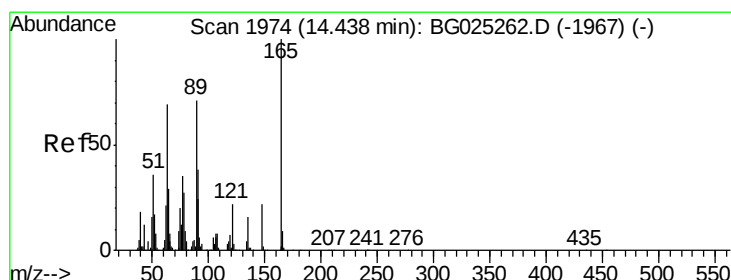
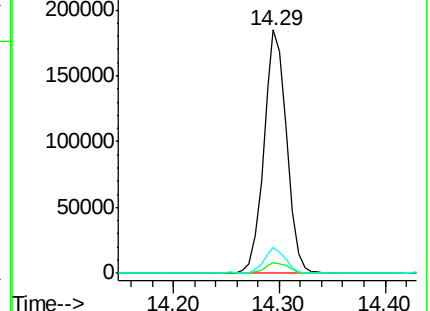
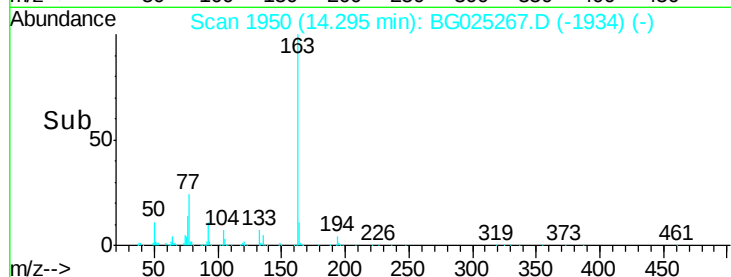
164 10.6 9.0 13.4



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: 21.83 ng/ul

RT: 14.44 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BG025267.D

Acq: 17 Dec 2016 9:46

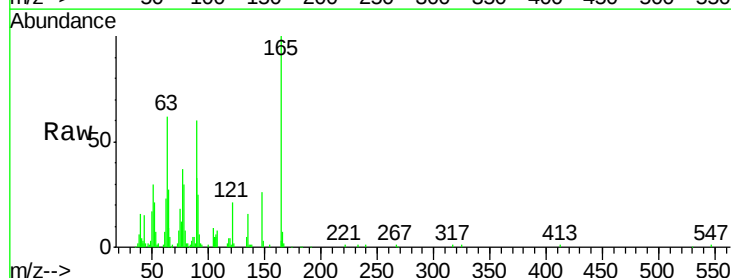
Tgt Ion:165 Resp: 58895

Ion Ratio Lower Upper

165 100

89 59.6 52.9 79.3

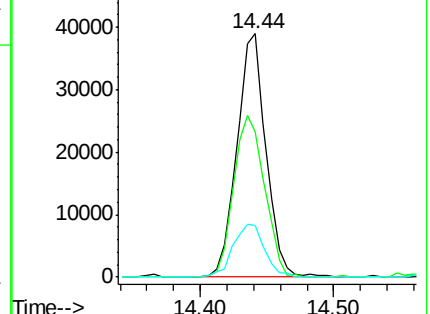
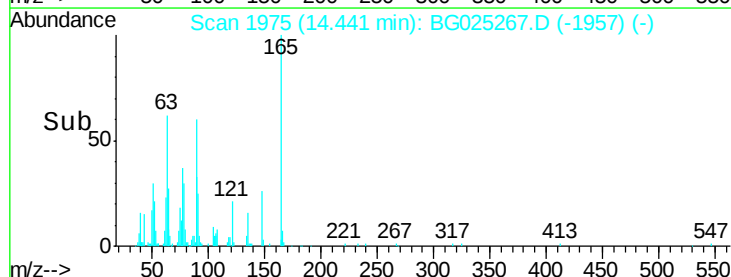
121 21.1 22.2 33.4#

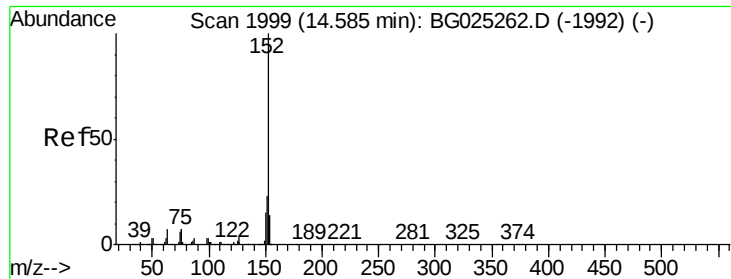


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 23.27 ng/ul

RT: 14.58 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BG025267.D

Acq: 17 Dec 2016 9:46

Instrument :

BNA\_G

ClientSampleId :

SSTD02015

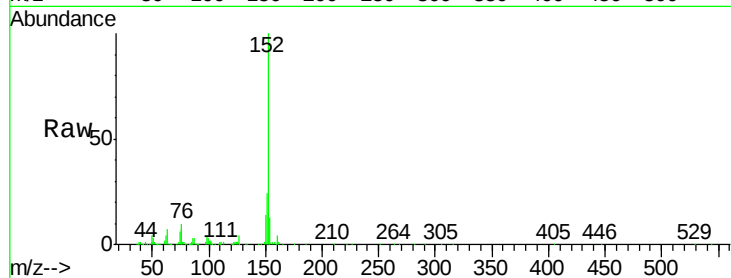
Tgt Ion:152 Resp: 316631

Ion Ratio Lower Upper

152 100

151 23.7 16.7 25.1

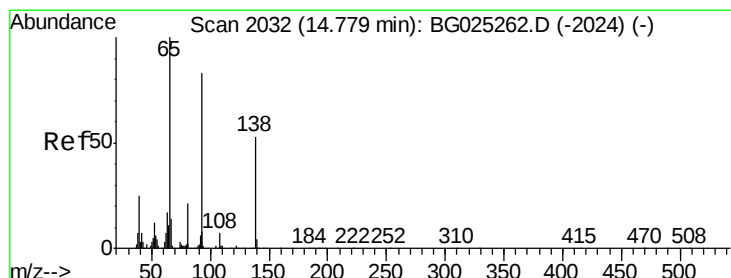
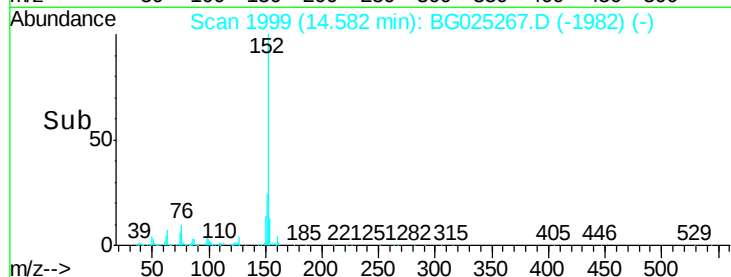
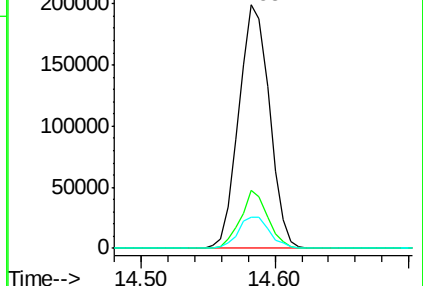
153 12.7 11.4 17.2



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: 24.01 ng/ul

RT: 14.78 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BG025267.D

Acq: 17 Dec 2016 9:46

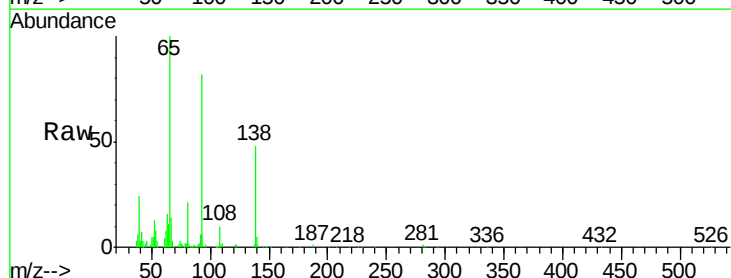
Tgt Ion:138 Resp: 56106

Ion Ratio Lower Upper

138 100

108 20.6 6.3 9.5#

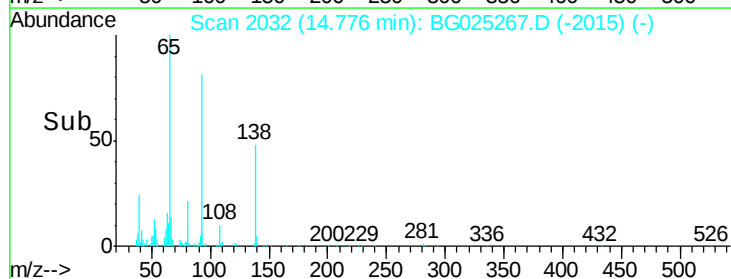
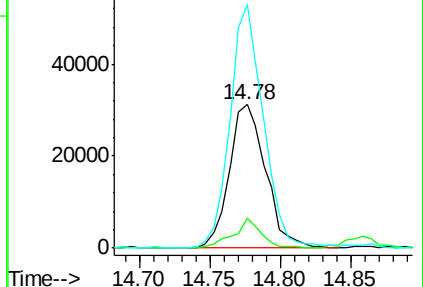
92 169.9 106.4 159.6#

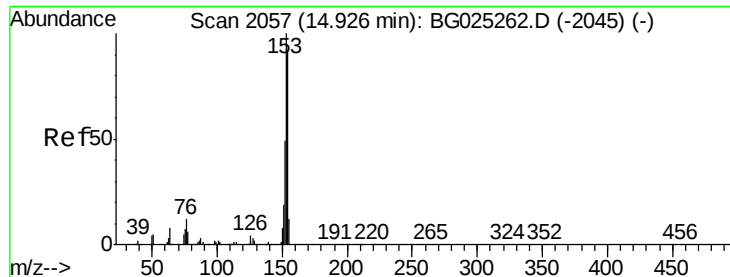


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#49

Acenaphthene

Concen: 22.52 ng/ul

RT: 14.92 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BG025267.D

Acq: 17 Dec 2016 9:46

Instrument :

BNA\_G

ClientSampleId :

SSTD02015

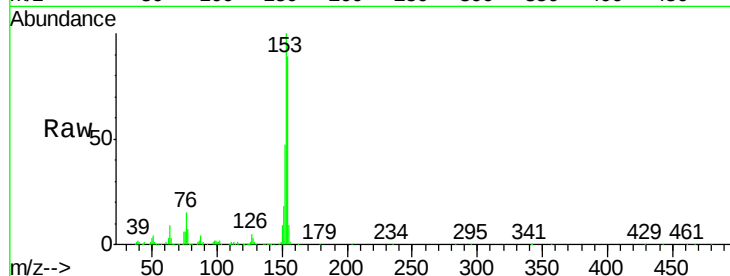
Tgt Ion:153 Resp: 209955

Ion Ratio Lower Upper

153 100

152 47.1 36.5 54.7

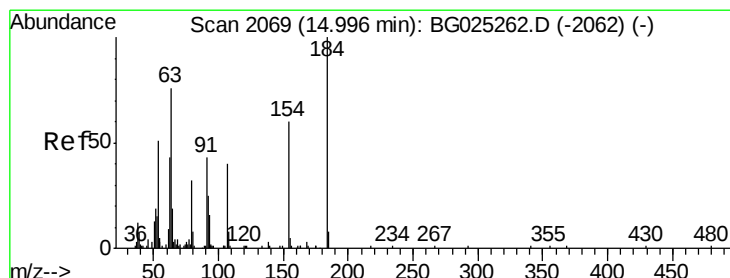
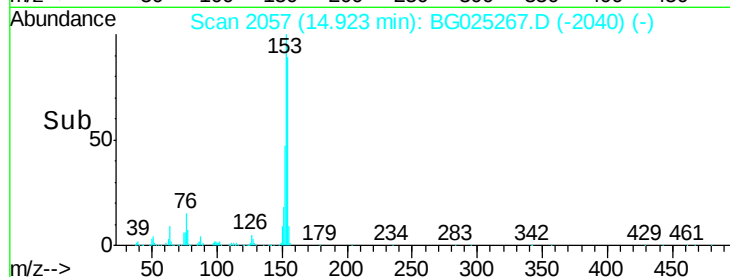
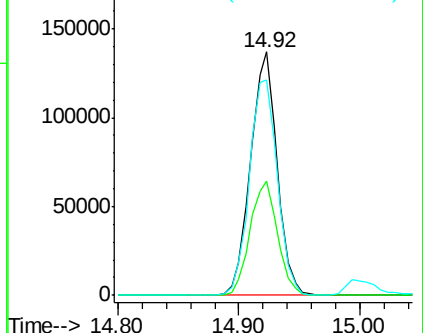
154 88.7 72.3 108.5



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: 12.72 ng/ul

RT: 15.00 min Scan# 2070

Delta R.T. 0.00 min

Lab File: BG025267.D

Acq: 17 Dec 2016 9:46

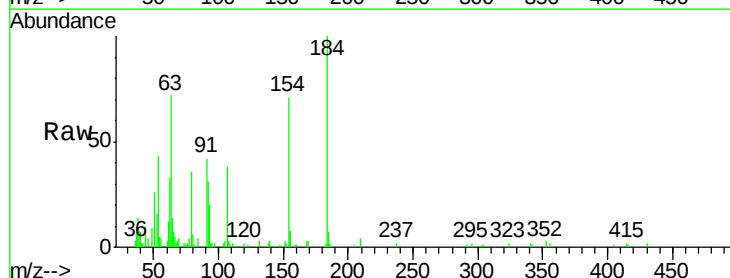
Tgt Ion:184 Resp: 22305

Ion Ratio Lower Upper

184 100

63 71.8 65.1 97.7

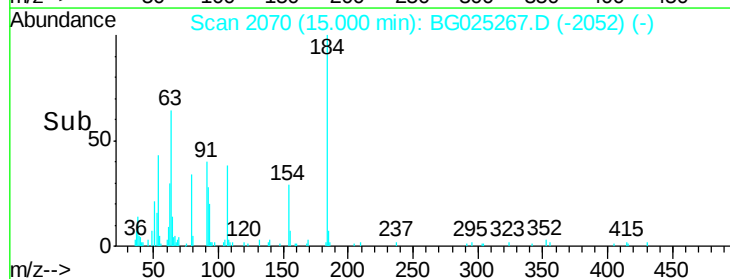
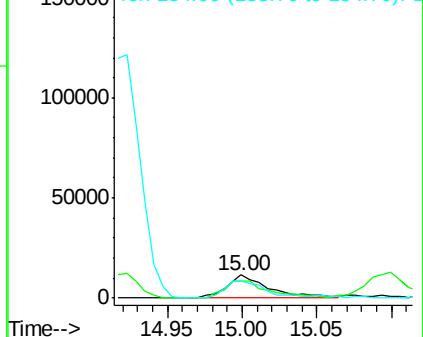
154 71.0 68.2 102.4

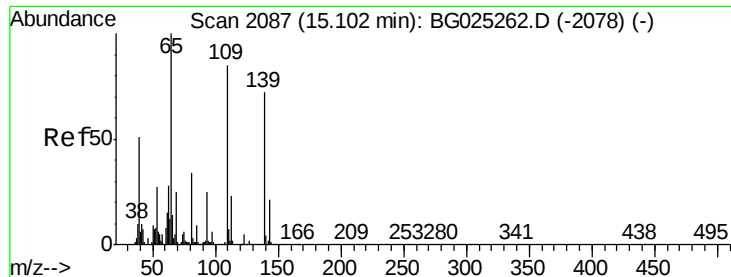


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E

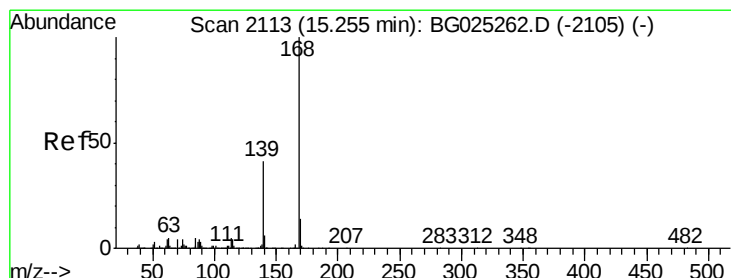
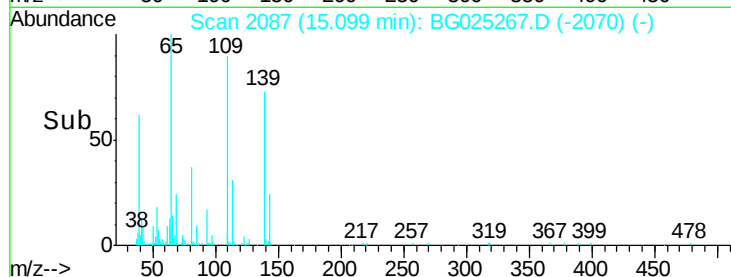
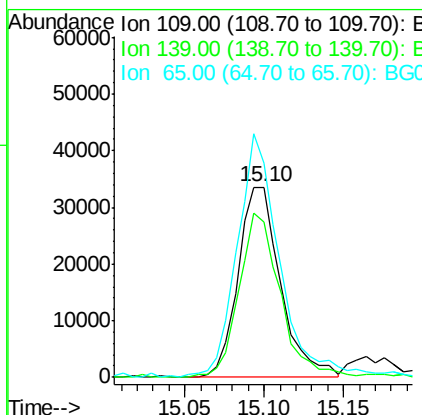
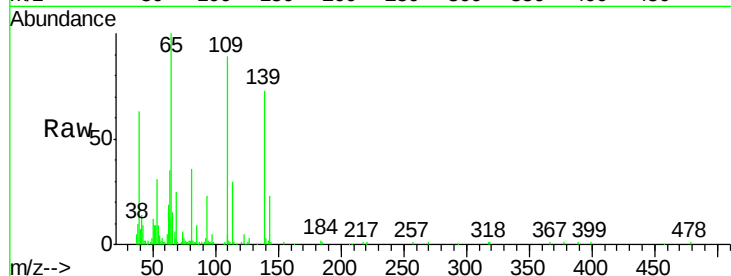




#52  
4-Nitrophenol  
Concen: 23.72 ng/ul  
RT: 15.10 min Scan# 2087  
Delta R.T. -0.00 min  
Lab File: BG025267.D  
Acq: 17 Dec 2016 9:46

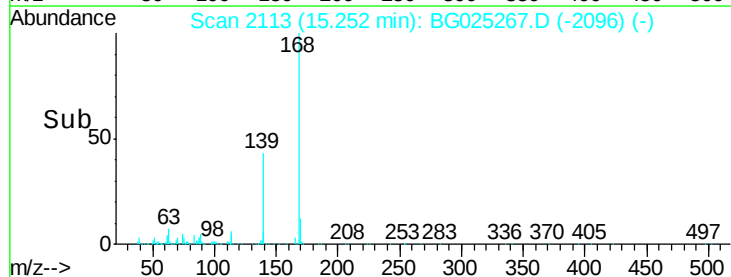
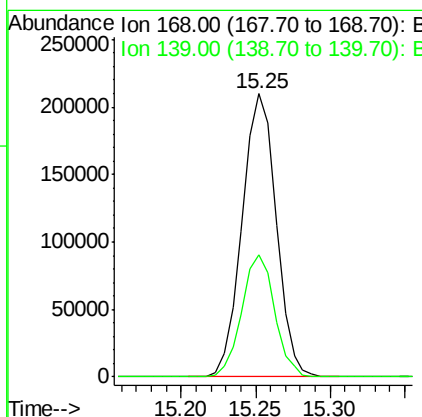
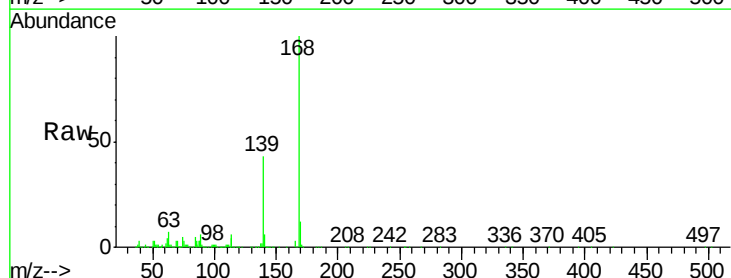
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02015

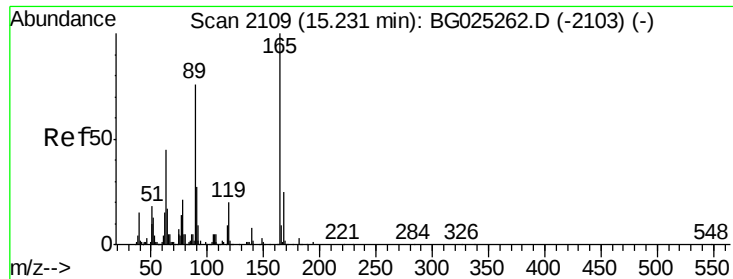
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 109     | 100   |       |       |
| 139     | 81.5  | 62.6  | 93.8  |
| 65      | 112.3 | 90.4  | 135.6 |



#53  
Dibenzofuran  
Concen: 22.45 ng/ul  
RT: 15.25 min Scan# 2113  
Delta R.T. -0.00 min  
Lab File: BG025267.D  
Acq: 17 Dec 2016 9:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 43.1  | 33.8  | 50.8  |





#54

2,4-Dinitrotoluene

Concen: 21.65 ng/ul

RT: 15.23 min Scan# 2109

Delta R.T. -0.00 min

Lab File: BG025267.D

Acq: 17 Dec 2016 9:46

Instrument :

BNA\_G

ClientSampleId :

SSTD02015

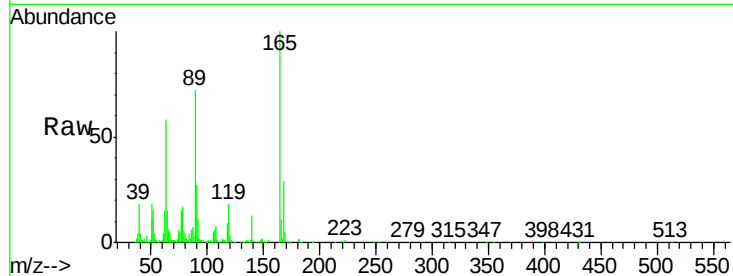
Tgt Ion:165 Resp: 88054

Ion Ratio Lower Upper

165 100

63 58.2 46.8 70.2

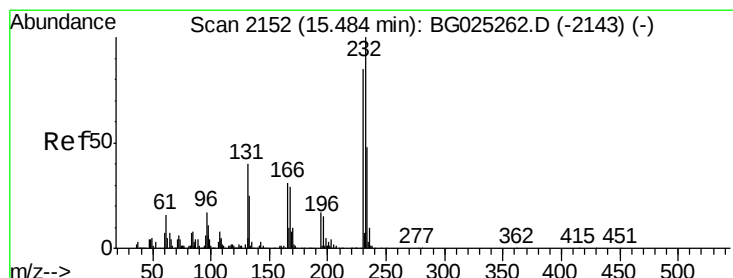
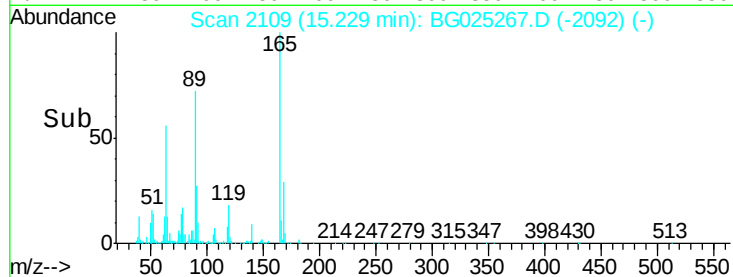
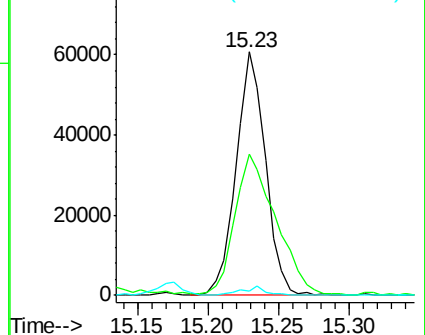
182 2.0 1.8 2.6



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



#55

2,3,4,6-Tetrachlorophenol

Concen: 23.44 ng/ul

RT: 15.48 min Scan# 2152

Delta R.T. -0.00 min

Lab File: BG025267.D

Acq: 17 Dec 2016 9:46

Tgt Ion:232 Resp: 95462

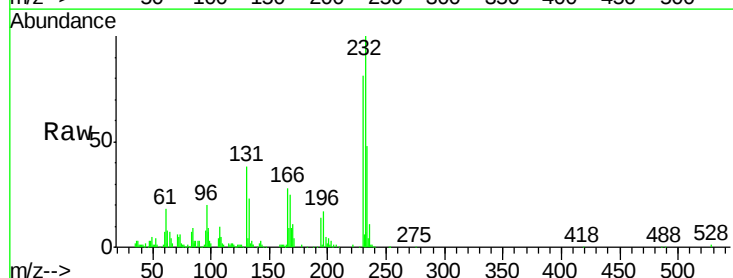
Ion Ratio Lower Upper

232 100

131 37.9 33.3 49.9

130 2.2 1.8 2.6

166 27.9 21.9 32.9

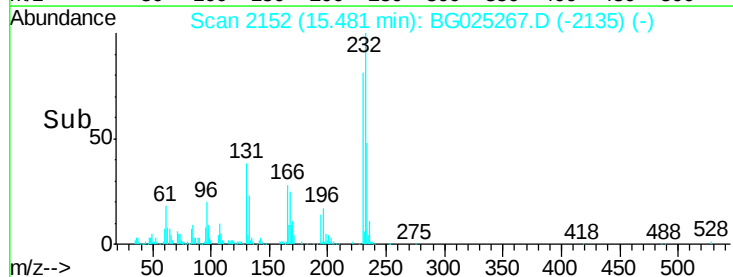
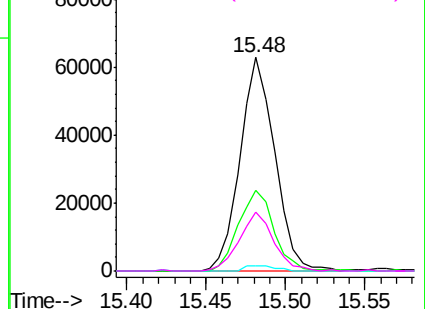


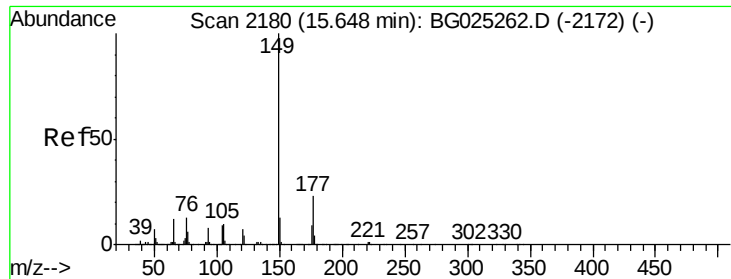
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#56

Diethylphthalate

Concen: 20.54 ng/ul

RT: 15.65 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BG025267.D

Acq: 17 Dec 2016 9:46

Instrument :

BNA\_G

ClientSampleId :

SSTD02015

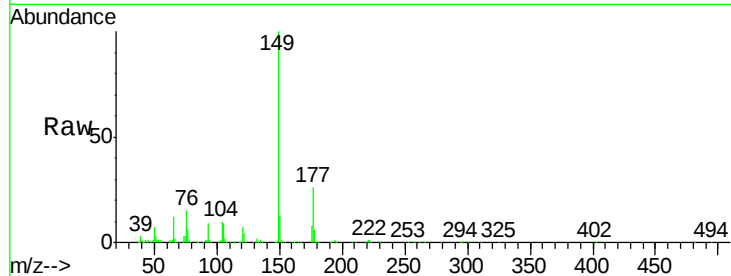
Tgt Ion:149 Resp: 273095

Ion Ratio Lower Upper

149 100

177 25.6 17.8 26.8

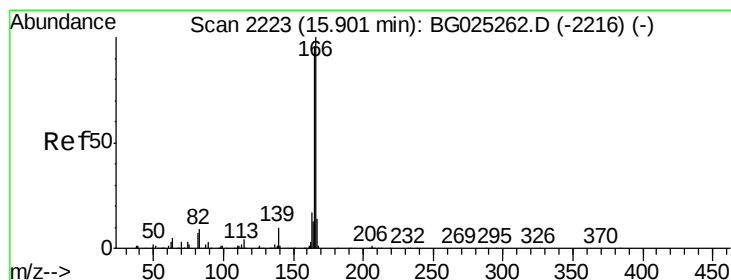
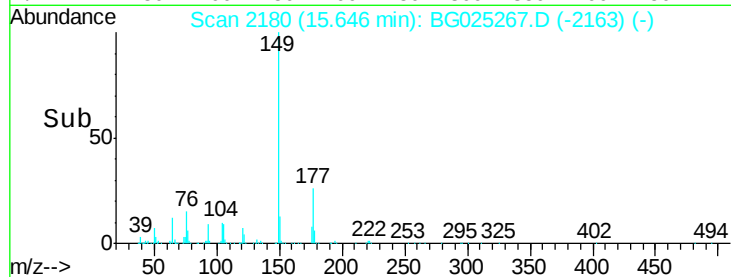
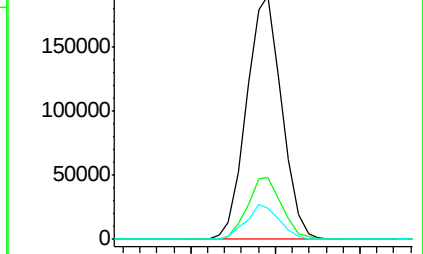
150 12.5 10.2 15.4



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: 22.10 ng/ul

RT: 15.90 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG025267.D

Acq: 17 Dec 2016 9:46

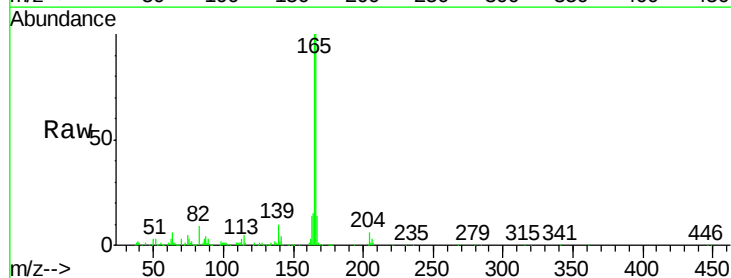
Tgt Ion:166 Resp: 265220

Ion Ratio Lower Upper

166 100

165 99.6 79.7 119.5

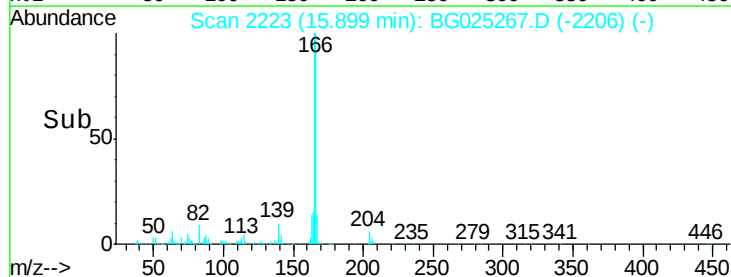
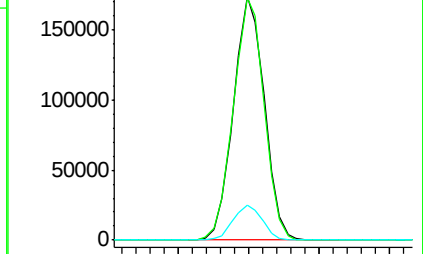
167 14.2 11.4 17.2

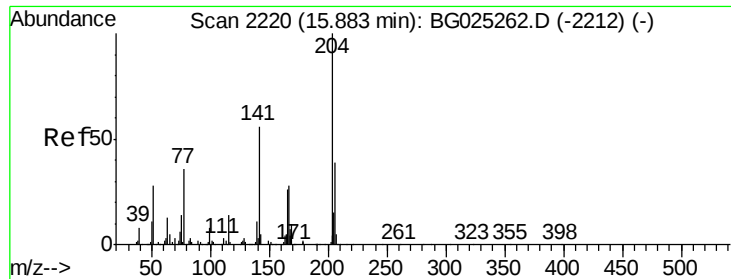


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

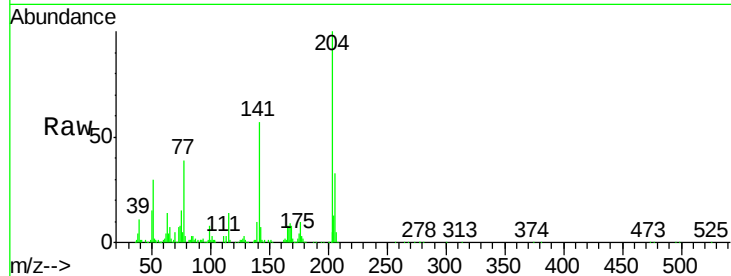




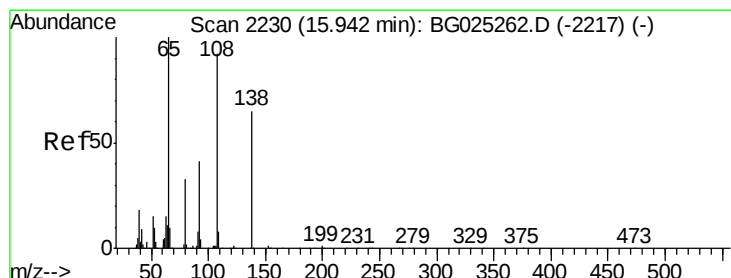
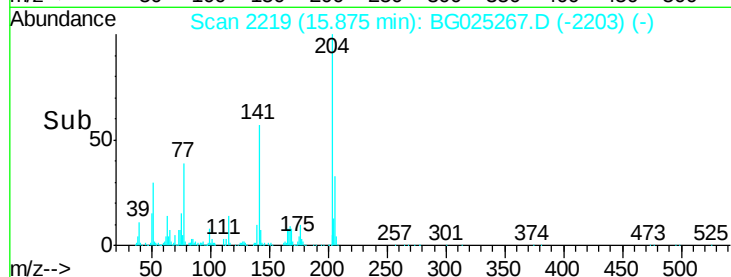
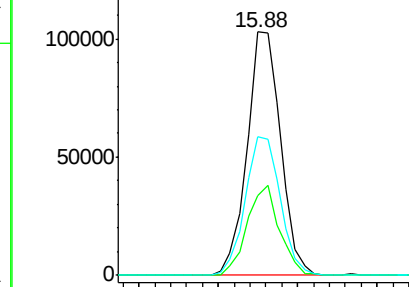
#59  
 4-Chlorophenyl-phenylether  
 Concen: 22.38 ng/ul  
 RT: 15.88 min Scan# 2219  
 Delta R.T. -0.01 min  
 Lab File: BG025267.D  
 Acq: 17 Dec 2016 9:46

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02015

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.9  | 32.3  | 48.5  |
| 141     | 57.0  | 57.5  | 86.3# |

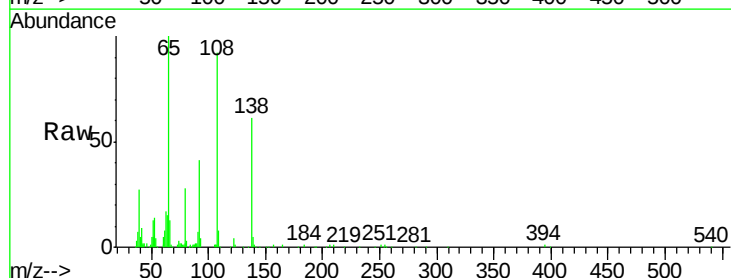


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

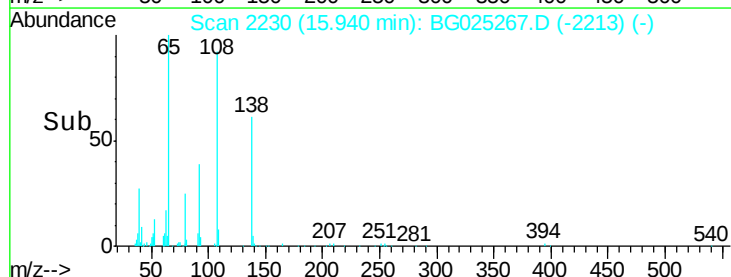
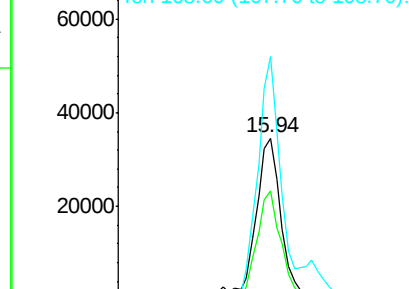


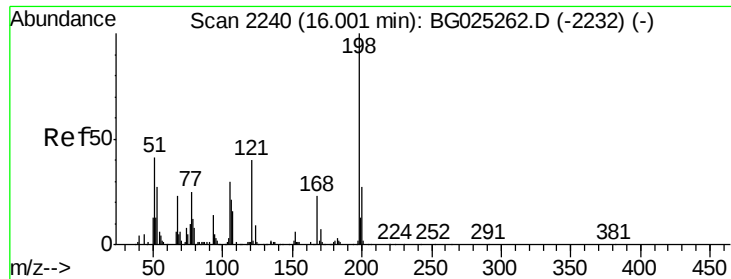
#60  
 4-Nitroaniline  
 Concen: 22.50 ng/ul  
 RT: 15.94 min Scan# 2230  
 Delta R.T. -0.00 min  
 Lab File: BG025267.D  
 Acq: 17 Dec 2016 9:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 67.4  | 56.9  | 85.3  |
| 108     | 150.4 | 104.9 | 157.3 |



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

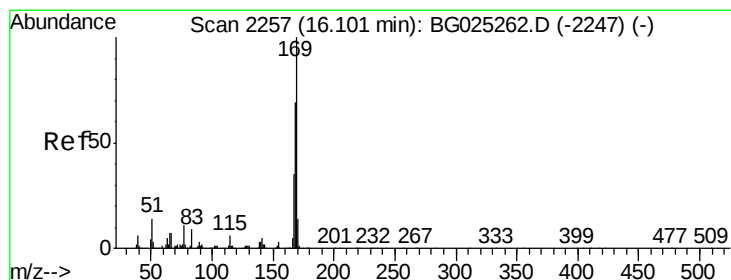
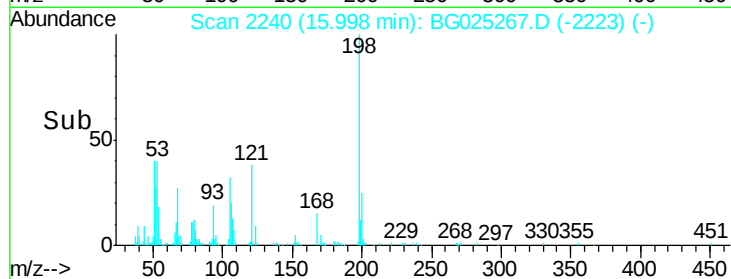
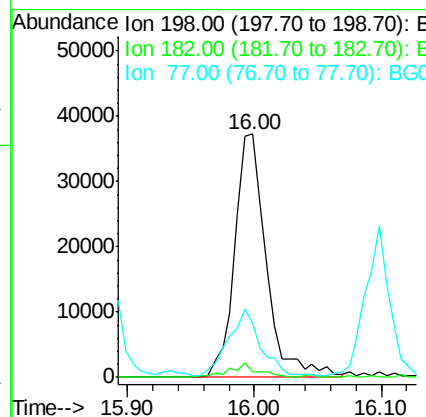
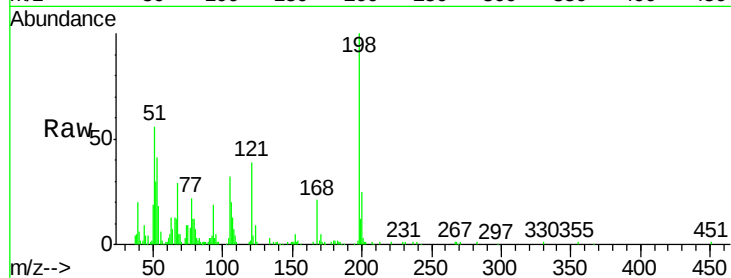




#63  
 4,6-Dinitro-2-methylphenol  
 Concen: 24.04 ng/ul  
 RT: 16.00 min Scan# 2240  
 Delta R.T. -0.00 min  
 Lab File: BG025267.D  
 Acq: 17 Dec 2016 9:46

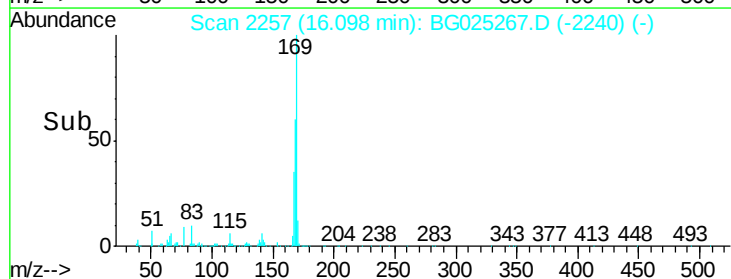
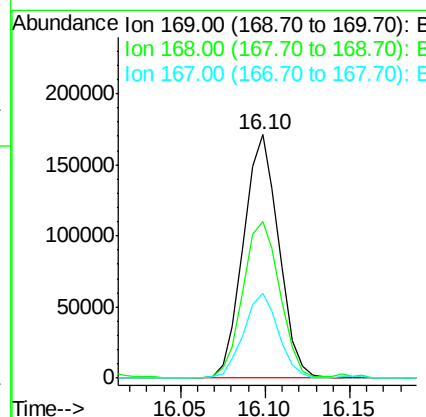
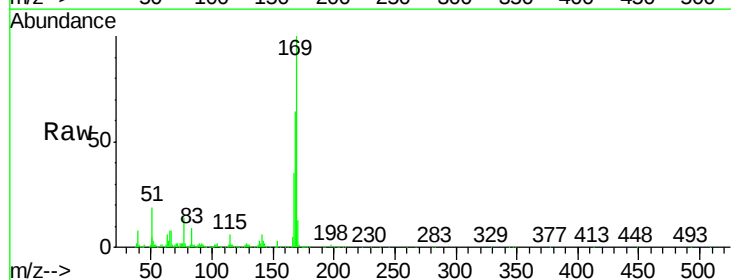
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02015

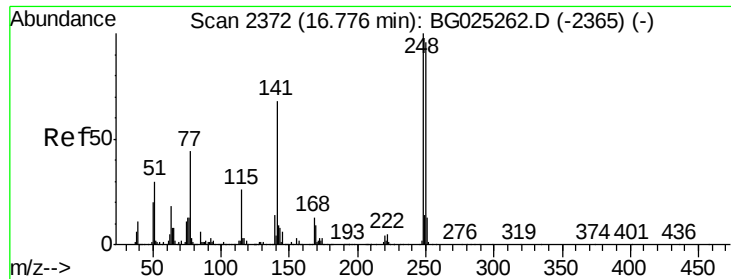
Tgt Ion:198 Resp: 64038  
 Ion Ratio Lower Upper  
 198 100  
 182 2.1 5.8 6.4#  
 77 22.0 22.1 33.9#



#64  
 N-Nitrosodiphenylamine  
 Concen: 23.32 ng/ul  
 RT: 16.10 min Scan# 2257  
 Delta R.T. -0.00 min  
 Lab File: BG025267.D  
 Acq: 17 Dec 2016 9:46

Tgt Ion:169 Resp: 249463  
 Ion Ratio Lower Upper  
 169 100  
 168 64.3 59.1 88.7  
 167 35.0 29.7 44.5

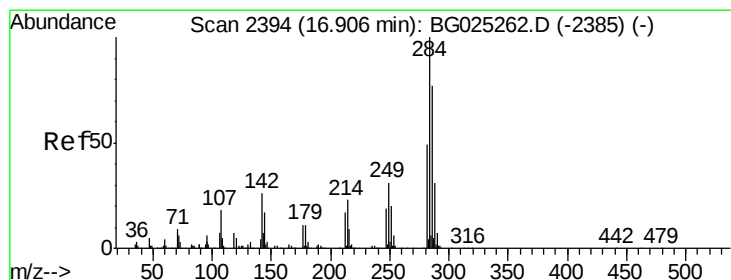
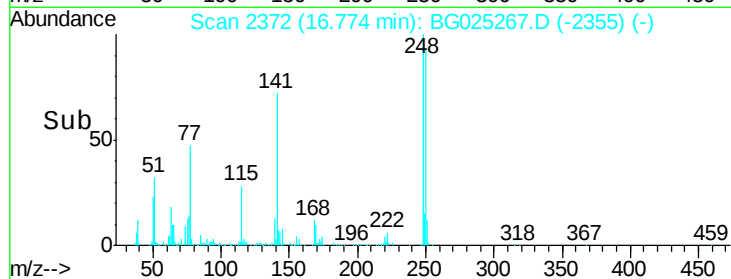
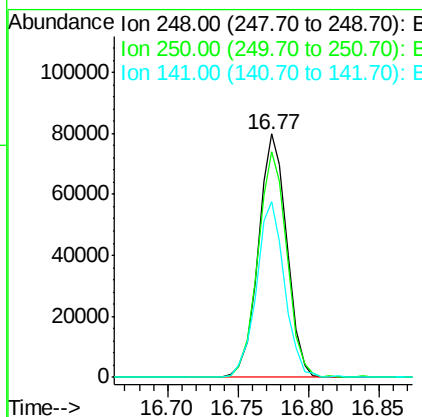
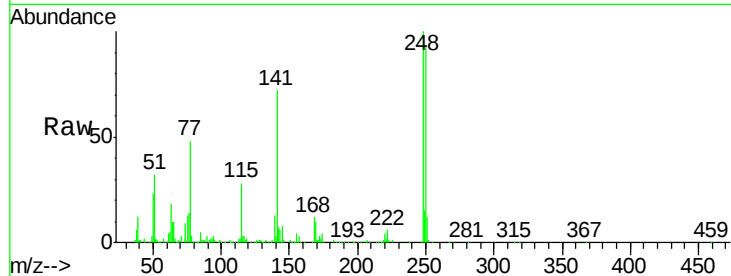




#65  
4-Bromophenyl-phenylether  
Concen: 24.09 ng/ul  
RT: 16.77 min Scan# 2372  
Delta R.T. -0.00 min  
Lab File: BG025267.D  
Acq: 17 Dec 2016 9:46

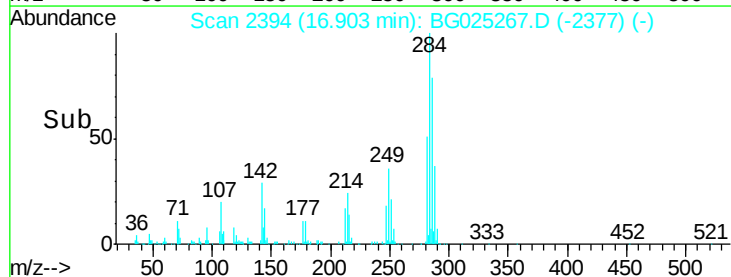
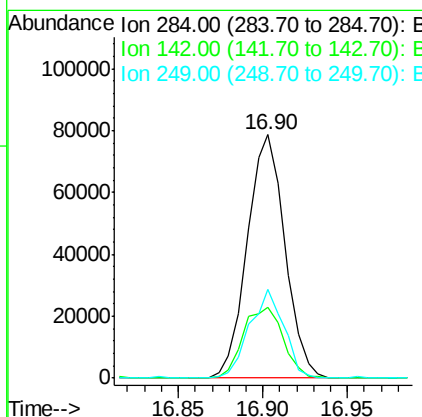
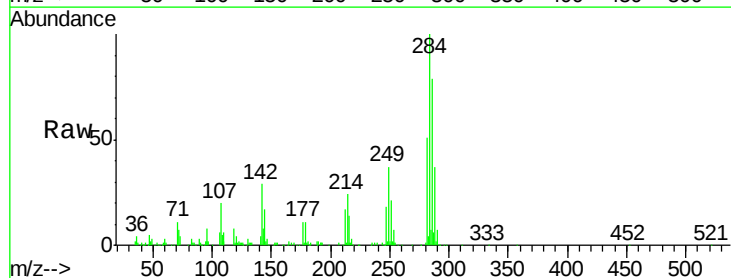
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02015

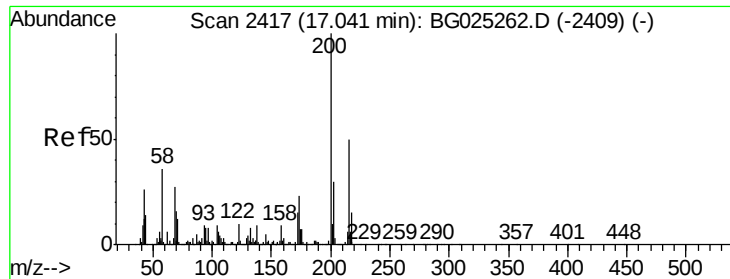
Tgt Ion:248 Resp: 113187  
Ion Ratio Lower Upper  
248 100  
250 92.7 71.9 107.9  
141 72.2 53.8 80.8



#66  
Hexachlorobenzene  
Concen: 23.00 ng/ul  
RT: 16.90 min Scan# 2394  
Delta R.T. -0.00 min  
Lab File: BG025267.D  
Acq: 17 Dec 2016 9:46

Tgt Ion:284 Resp: 121636  
Ion Ratio Lower Upper  
284 100  
142 29.3 26.1 39.1  
249 36.7 25.9 38.9





#67

Atrazine

Concen: 21.76 ng/ul

RT: 17.04 min Scan# 2417

Delta R.T. -0.00 min

Lab File: BG025267.D

Acq: 17 Dec 2016 9:46

Instrument :

BNA\_G

ClientSampleId :

SSTD02015

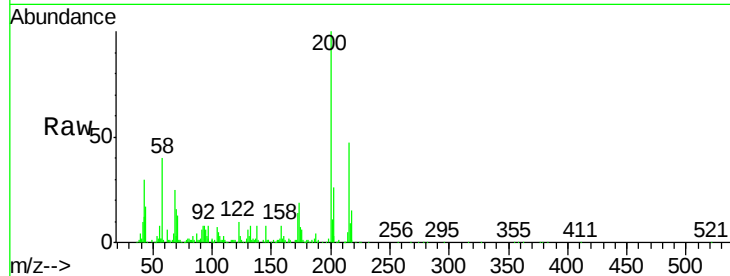
Tgt Ion:200 Resp: 110677

Ion Ratio Lower Upper

200 100

173 19.4 19.2 28.8

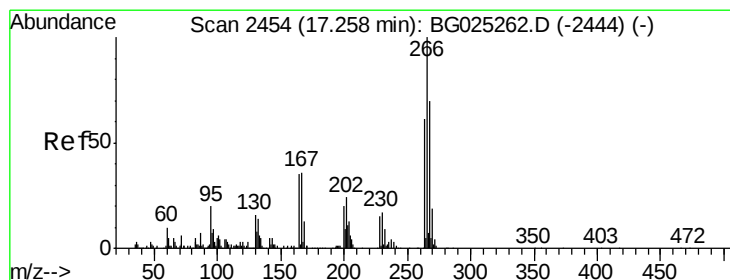
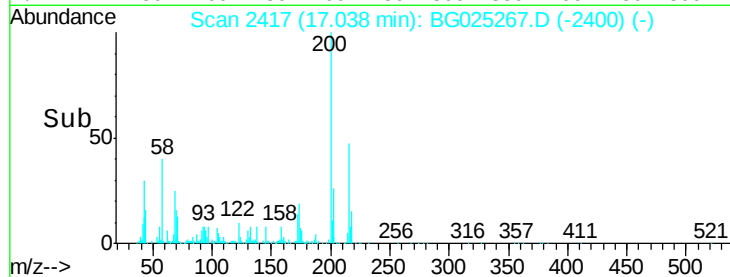
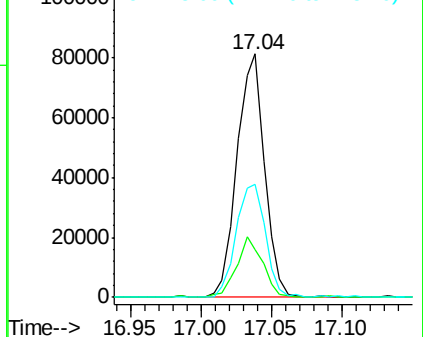
215 46.6 40.3 60.5



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: 21.58 ng/ul

RT: 17.26 min Scan# 2454

Delta R.T. -0.00 min

Lab File: BG025267.D

Acq: 17 Dec 2016 9:46

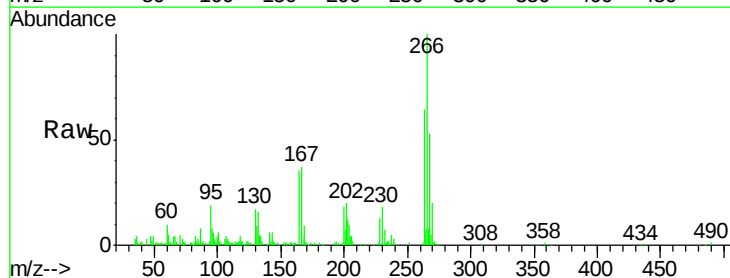
Tgt Ion:266 Resp: 68544

Ion Ratio Lower Upper

266 100

264 71.0 47.1 70.7#

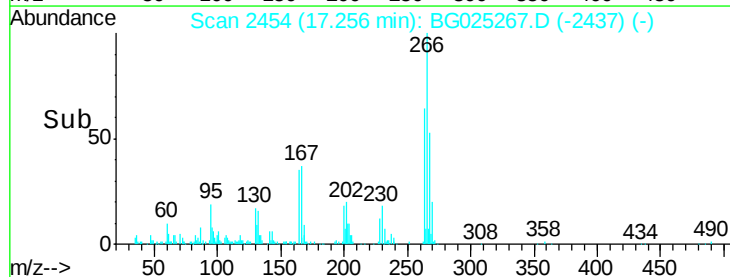
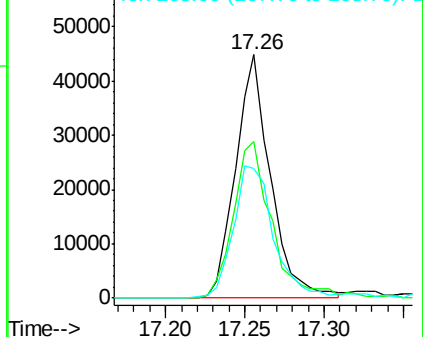
268 53.1 56.2 84.4#

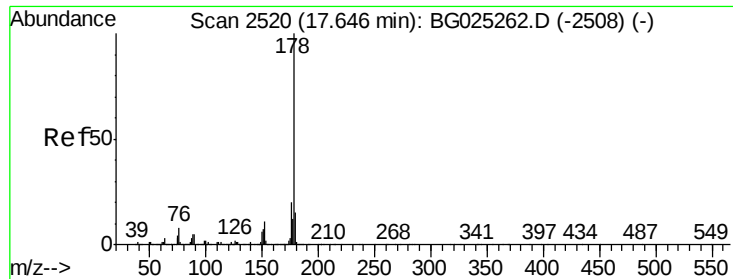


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 23.02 ng/ul

RT: 17.64 min Scan# 2520

Delta R.T. -0.00 min

Lab File: BG025267.D

Acq: 17 Dec 2016 9:46

Instrument :

BNA\_G

ClientSampleId :

SSTD02015

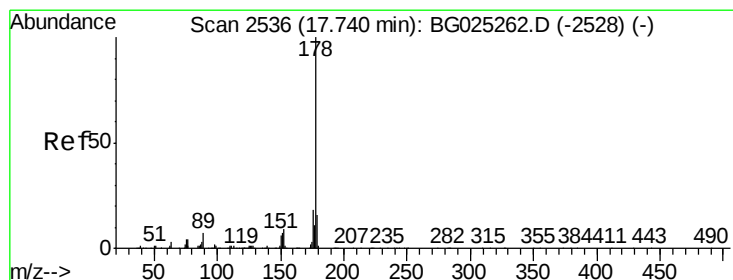
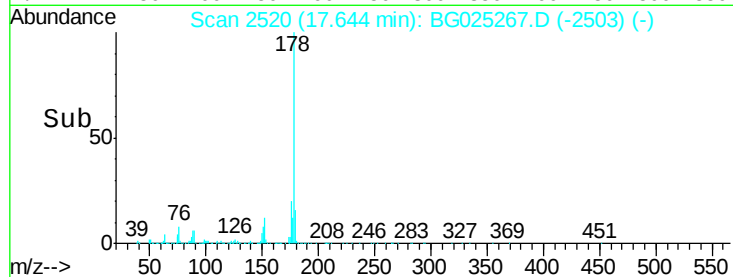
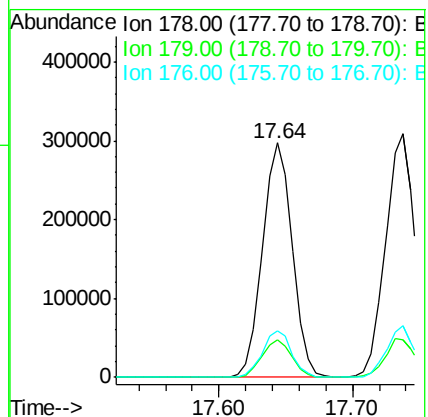
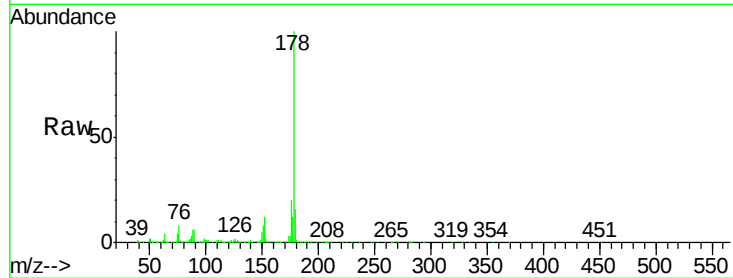
Tgt Ion:178 Resp: 456990

Ion Ratio Lower Upper

178 100

179 16.0 12.4 18.6

176 19.6 16.5 24.7



#71

Anthracene

Concen: 23.26 ng/ul

RT: 17.74 min Scan# 2536

Delta R.T. -0.00 min

Lab File: BG025267.D

Acq: 17 Dec 2016 9:46

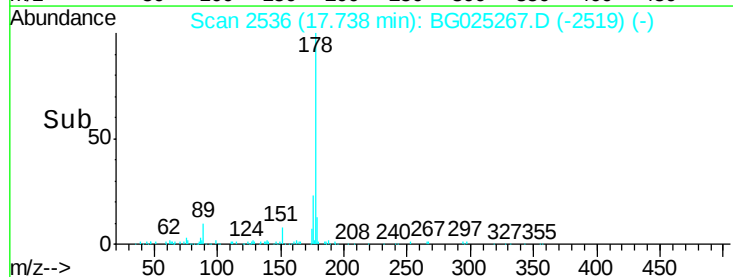
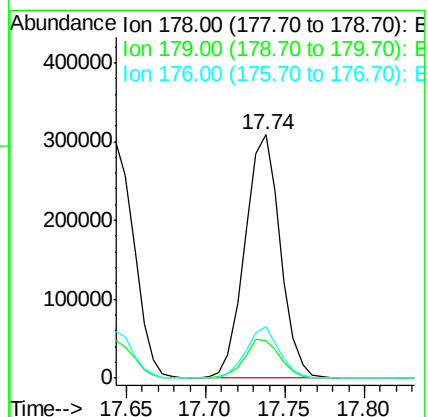
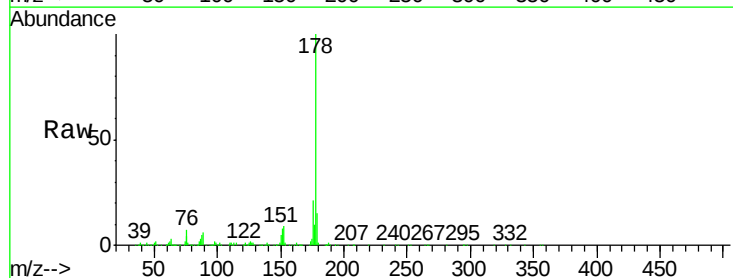
Tgt Ion:178 Resp: 474744

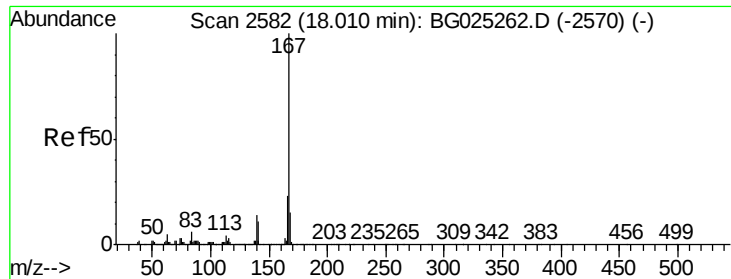
Ion Ratio Lower Upper

178 100

179 15.4 12.6 19.0

176 21.1 15.9 23.9





#72

Carbazole

Concen: 24.56 ng/ul

RT: 18.01 min Scan# 2582

Delta R.T. -0.00 min

Lab File: BG025267.D

Acq: 17 Dec 2016 9:46

Instrument :

BNA\_G

ClientSampleId :

SSTD02015

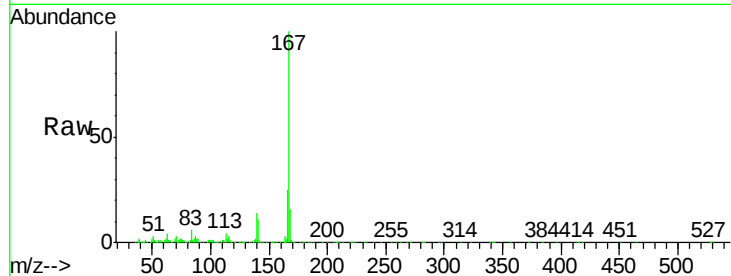
Tgt Ion:167 Resp: 418225

Ion Ratio Lower Upper

167 100

166 25.4 17.9 26.9

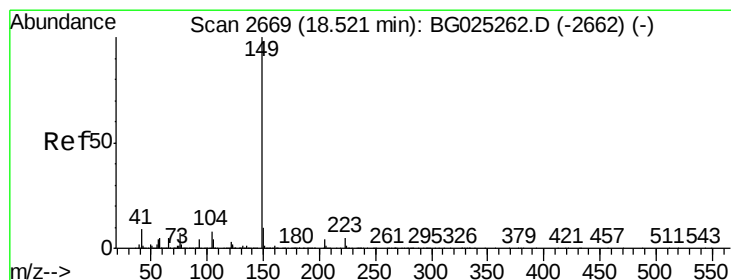
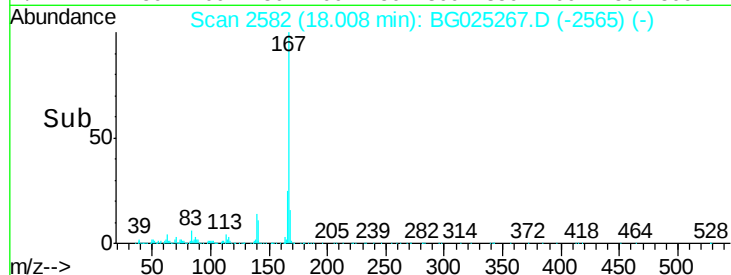
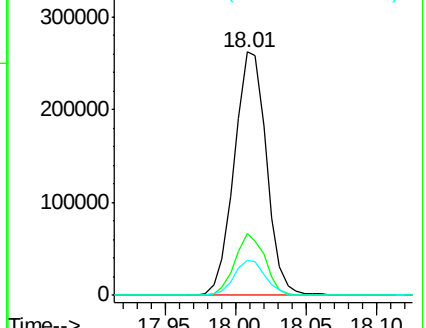
139 14.4 10.5 15.7



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: 22.58 ng/ul

RT: 18.52 min Scan# 2669

Delta R.T. -0.00 min

Lab File: BG025267.D

Acq: 17 Dec 2016 9:46

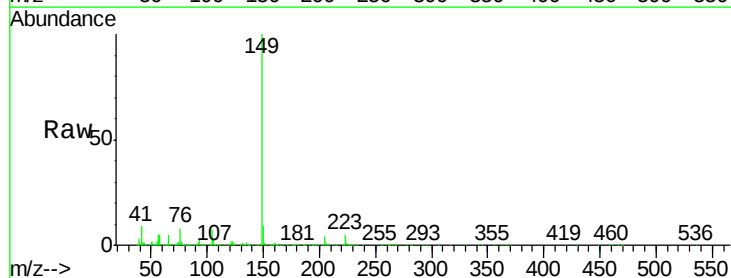
Tgt Ion:149 Resp: 485429

Ion Ratio Lower Upper

149 100

150 9.1 7.9 11.9

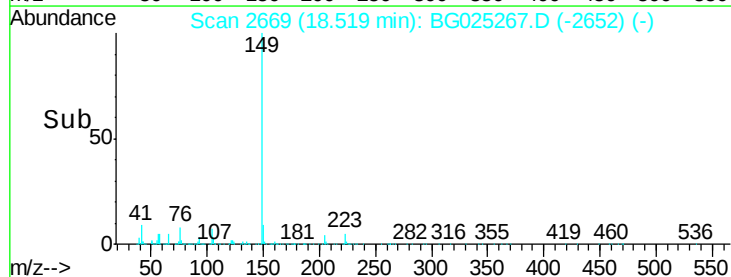
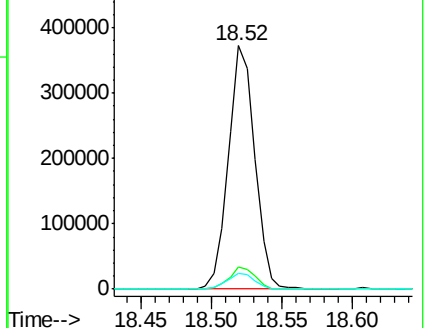
104 6.7 5.8 8.8

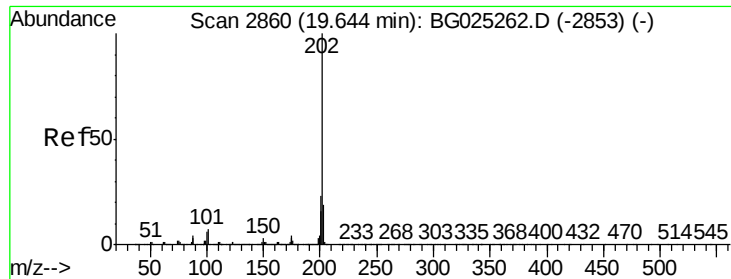


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

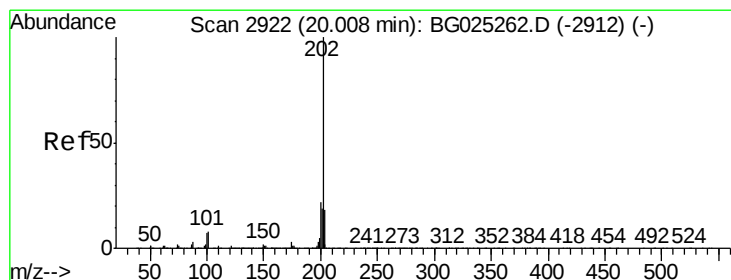
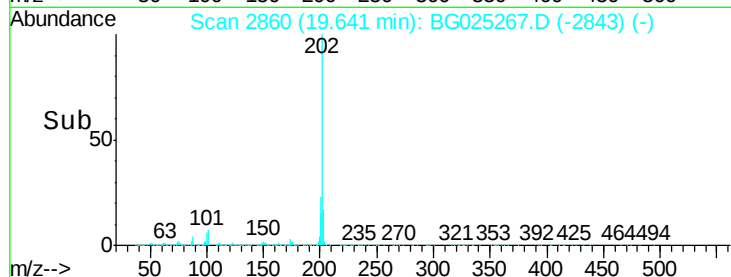
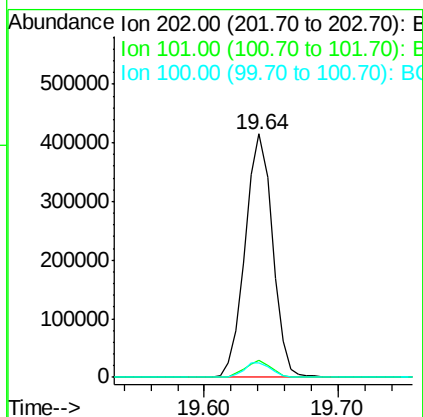
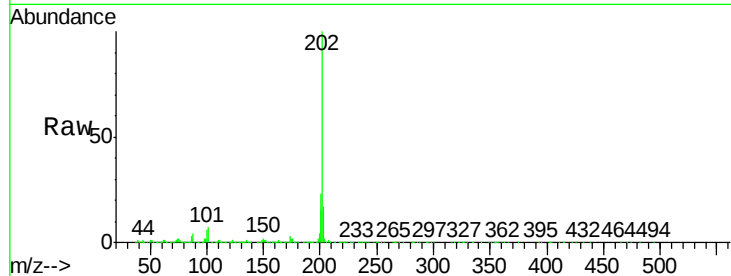




#74  
 Fluoranthene  
 Concen: 24.82 ng/ul  
 RT: 19.64 min Scan# 2860  
 Delta R.T. -0.00 min  
 Lab File: BG025267.D  
 Acq: 17 Dec 2016 9:46

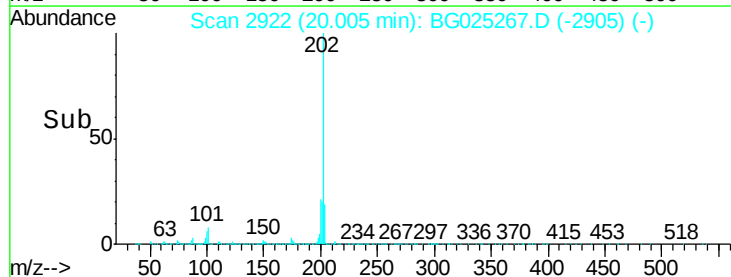
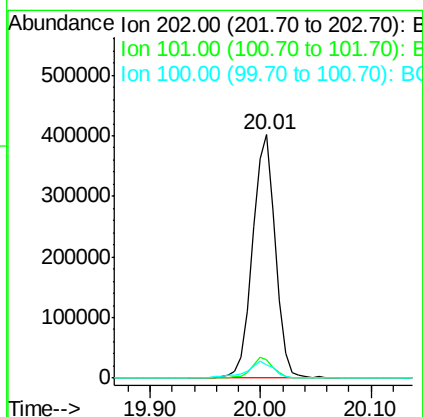
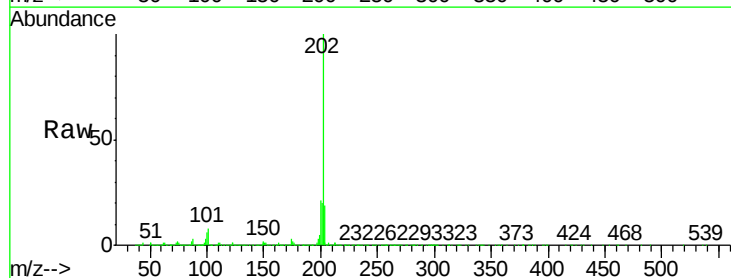
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02015

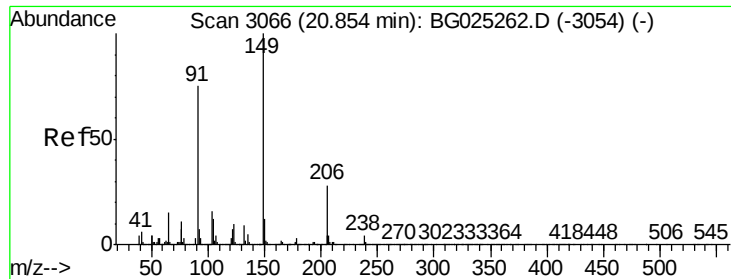
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 7.0   | 6.2   | 9.2   |
| 100     | 6.0   | 5.2   | 7.8   |



#77  
 Pyrene  
 Concen: 22.02 ng/ul  
 RT: 20.01 min Scan# 2922  
 Delta R.T. -0.00 min  
 Lab File: BG025267.D  
 Acq: 17 Dec 2016 9:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 7.5   | 6.9   | 10.3  |
| 100     | 5.7   | 6.6   | 10.0# |

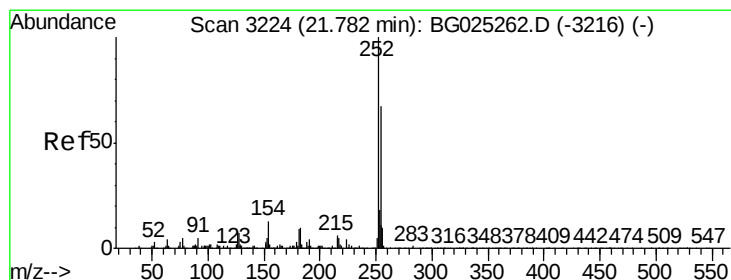
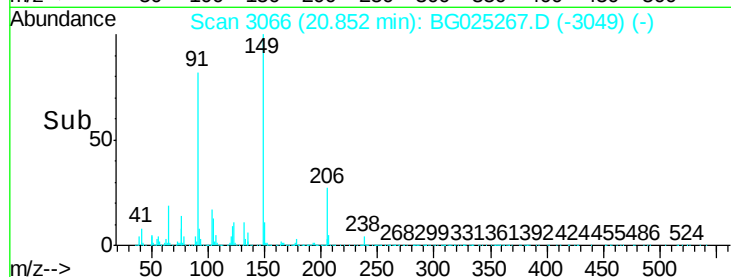
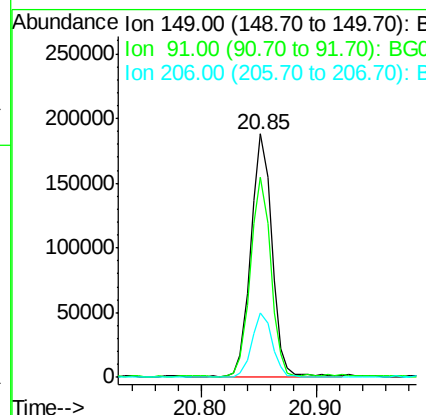
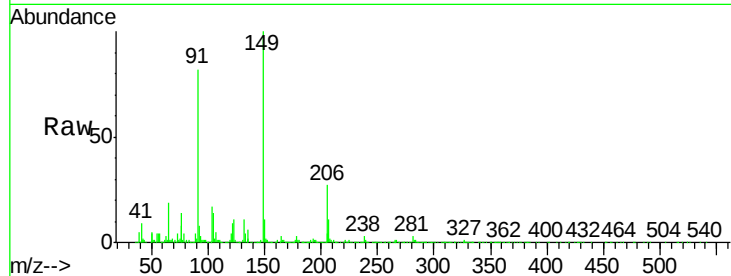




#78  
Butylbenzylphthalate  
Concen: 23.07 ng/ul  
RT: 20.85 min Scan# 3066  
Delta R.T. -0.00 min  
Lab File: BG025267.D  
Acq: 17 Dec 2016 9:46

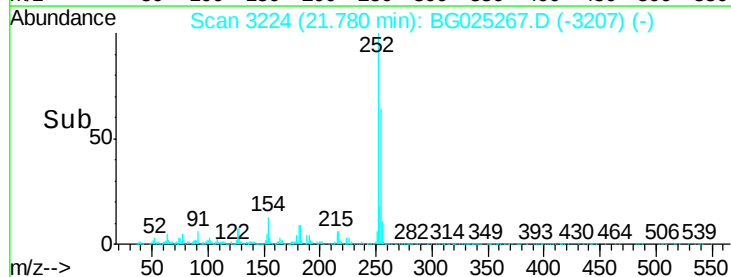
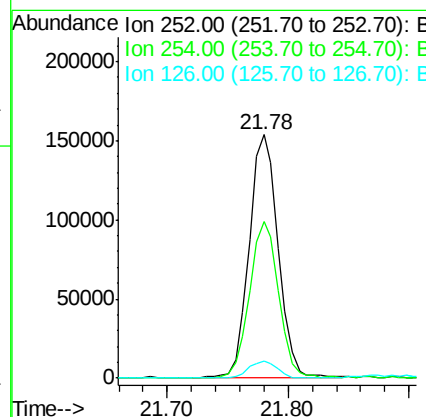
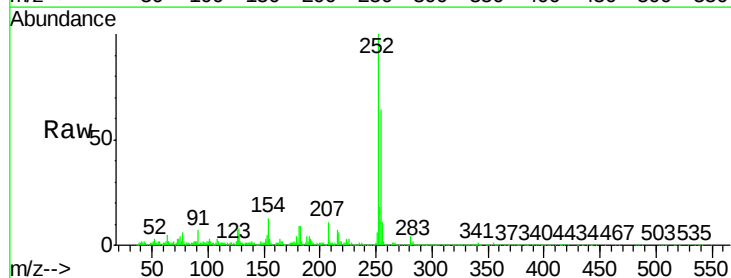
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02015

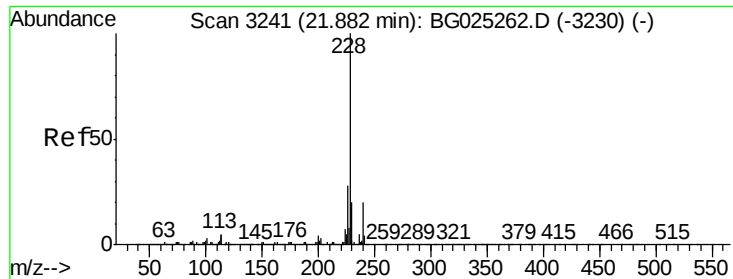
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 82.0  | 65.8  | 98.6  |
| 206     | 26.5  | 20.1  | 30.1  |



#79  
3,3'-Dichlorobenzidine  
Concen: 26.94 ng/ul  
RT: 21.78 min Scan# 3224  
Delta R.T. -0.00 min  
Lab File: BG025267.D  
Acq: 17 Dec 2016 9:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.4  | 49.0  | 73.6  |
| 126     | 6.7   | 5.1   | 7.7   |

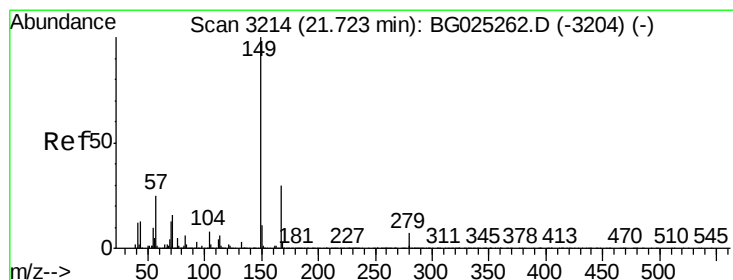
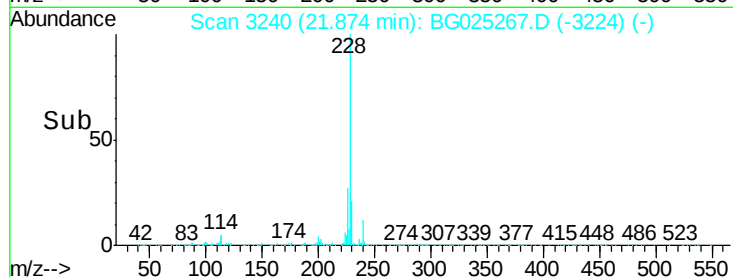
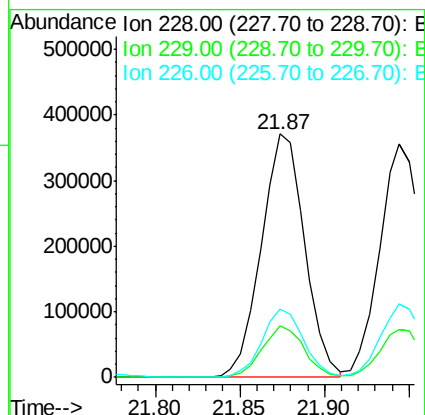
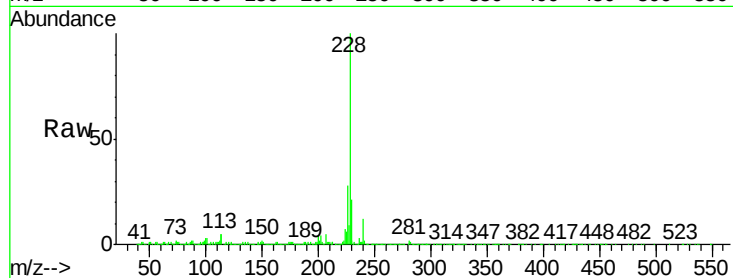




#80  
Benzo(a)anthracene  
Concen: 23.24 ng/ul  
RT: 21.87 min Scan# 3240  
Delta R.T. -0.01 min  
Lab File: BG025267.D  
Acq: 17 Dec 2016 9:46

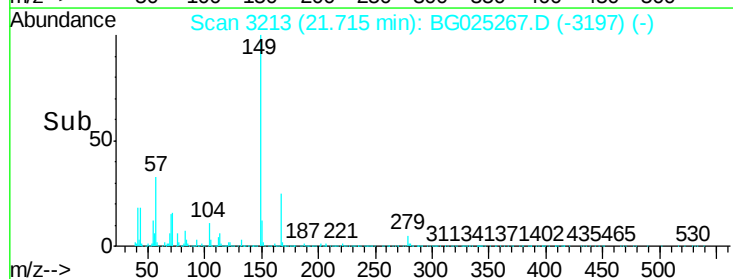
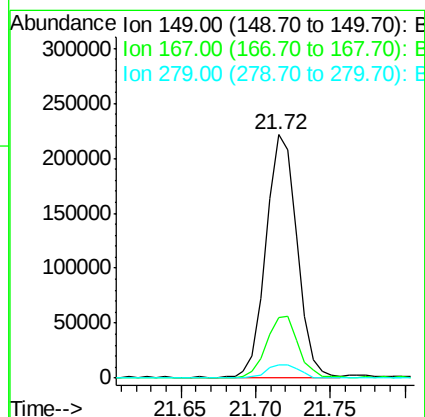
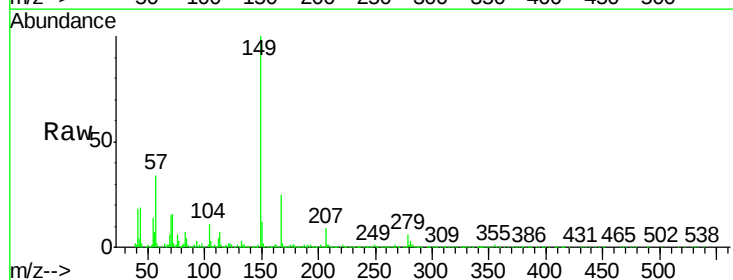
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02015

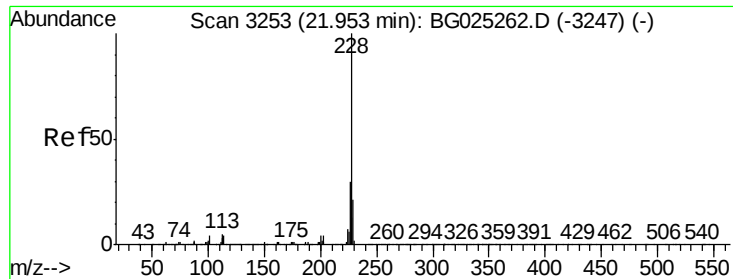
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 228   | Resp: | 660243 |
| Ion      | Ratio | Lower | Upper  |
| 228      | 100   |       |        |
| 229      | 21.1  | 16.3  | 24.5   |
| 226      | 28.3  | 21.9  | 32.9   |



#81  
Bis(2-ethylhexyl)phthalate  
Concen: 22.33 ng/ul  
RT: 21.72 min Scan# 3213  
Delta R.T. -0.01 min  
Lab File: BG025267.D  
Acq: 17 Dec 2016 9:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 316313 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 167      | 24.7  | 21.8  | 32.8   |
| 279      | 5.6   | 4.5   | 6.7    |





#82

Chrysene

Concen: 23.30 ng/ul

RT: 21.94 min Scan# 3252

Delta R.T. -0.01 min

Lab File: BG025267.D

Acq: 17 Dec 2016 9:46

Instrument :

BNA\_G

ClientSampleId :

SSTD02015

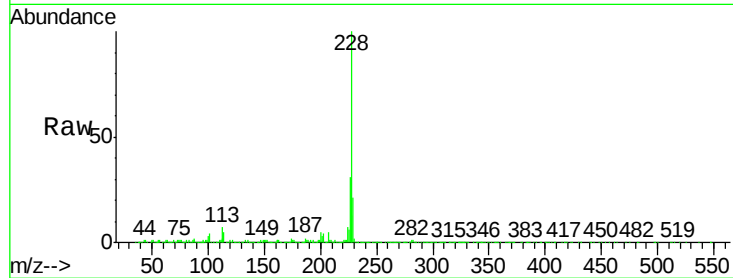
Tgt Ion:228 Resp: 619054

Ion Ratio Lower Upper

228 100

226 31.4 24.0 36.0

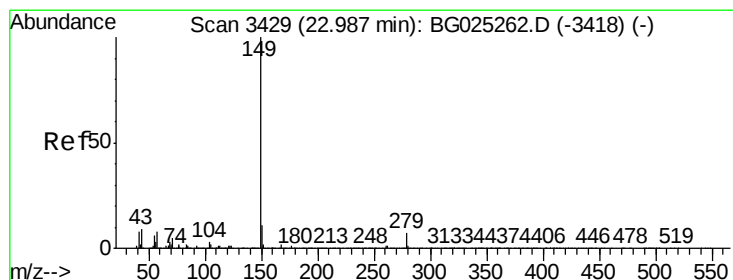
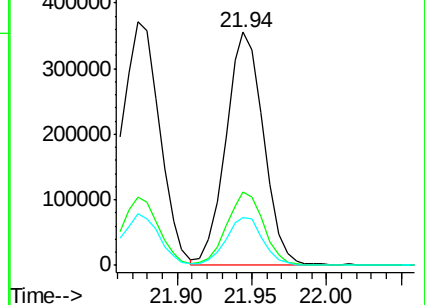
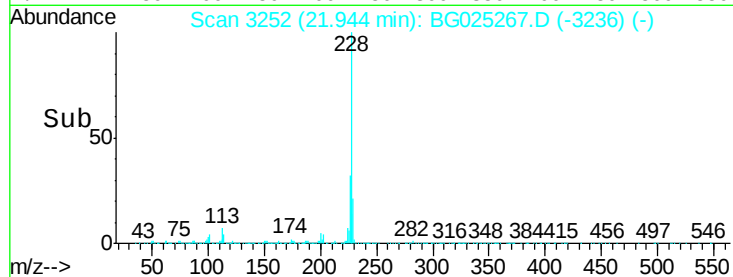
229 20.7 16.9 25.3



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: 24.03 ng/ul

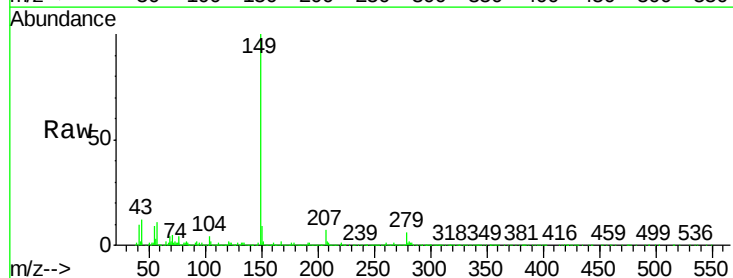
RT: 22.98 min Scan# 3429

Delta R.T. -0.00 min

Lab File: BG025267.D

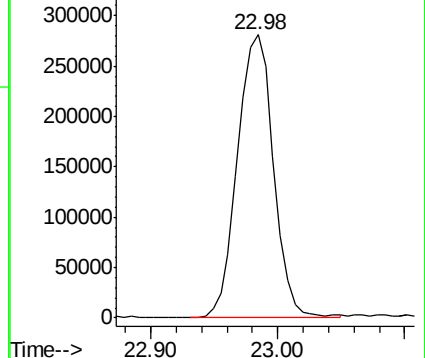
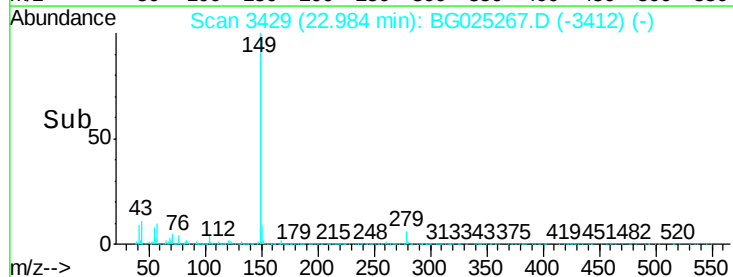
Acq: 17 Dec 2016 9:46

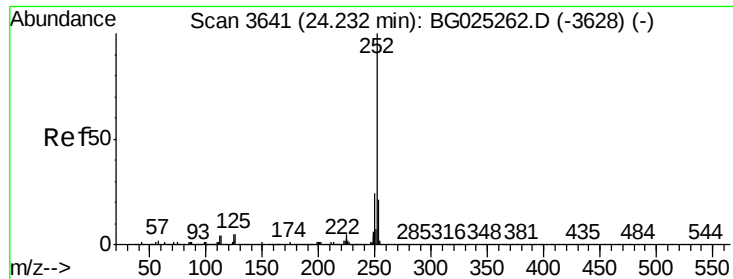
Tgt Ion:149 Resp: 549506



Abundance Ion 149.00 (148.70 to 149.70): E

Time-->





#85

Benzo(b)fluoranthene

Concen: 22.64 ng/ul

RT: 24.22 min Scan# 3639

Delta R.T. -0.01 min

Lab File: BG025267.D

Acq: 17 Dec 2016 9:46

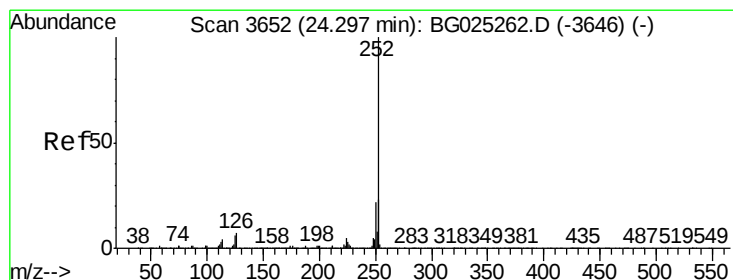
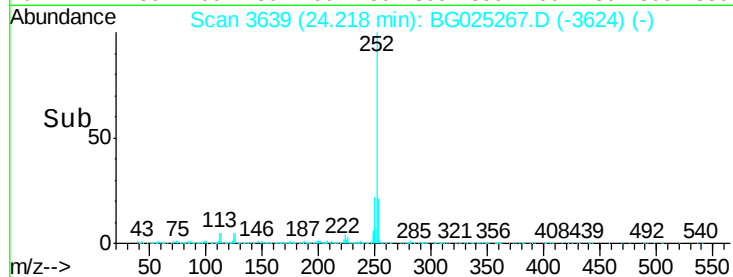
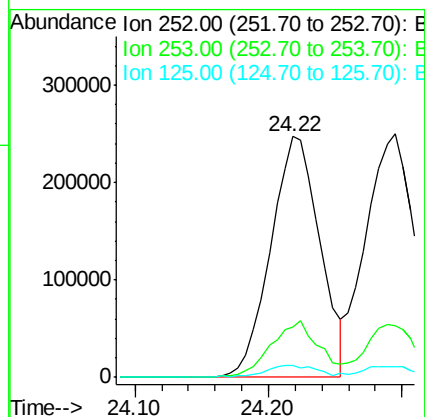
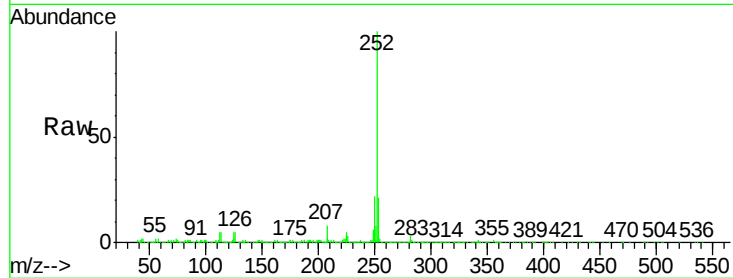
Instrument :

BNA\_G

ClientSampleId :

SSTD02015

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 632391 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.1  | 17.7  | 26.5   |
| 125       | 4.8   | 4.0   | 6.0    |



#86

Benzo(k)fluoranthene

Concen: 23.80 ng/ul

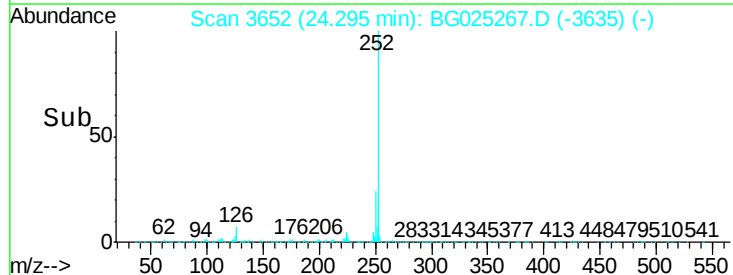
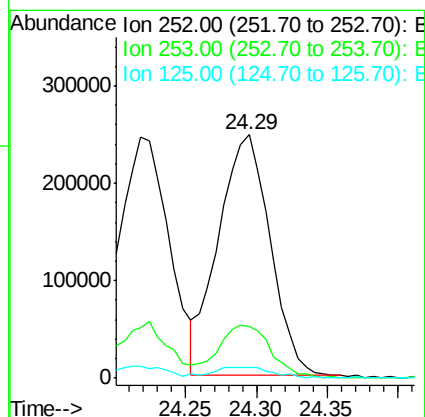
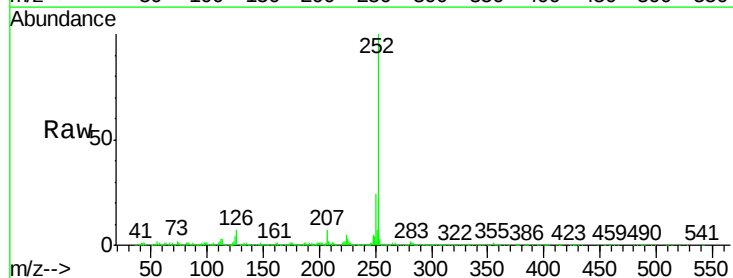
RT: 24.29 min Scan# 3652

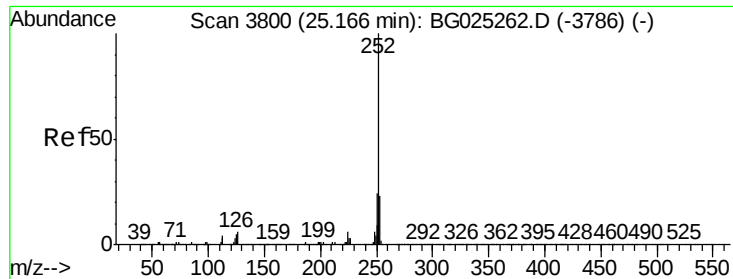
Delta R.T. -0.00 min

Lab File: BG025267.D

Acq: 17 Dec 2016 9:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 631924 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.1  | 18.5  | 27.7   |
| 125       | 4.1   | 4.1   | 6.1    |





#88

Benzo(a)pyrene

Concen: 23.08 ng/ul

RT: 25.16 min Scan# 3800

Delta R.T. -0.00 min

Lab File: BG025267.D

Acq: 17 Dec 2016 9:46

Instrument :

BNA\_G

ClientSampleId :

SSTD02015

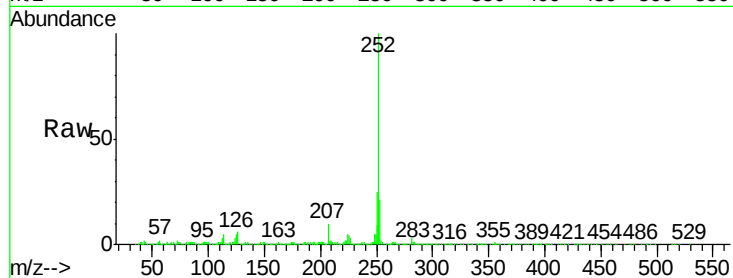
Tgt Ion:252 Resp: 619807

Ion Ratio Lower Upper

252 100

253 21.1 17.8 26.6

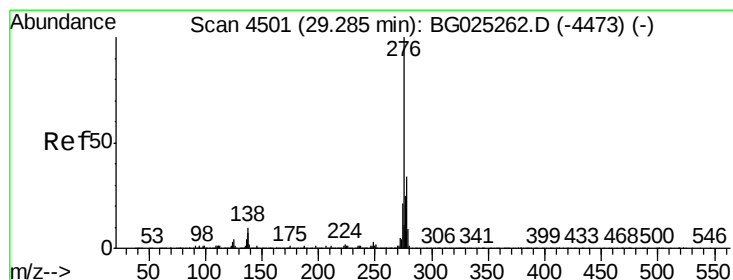
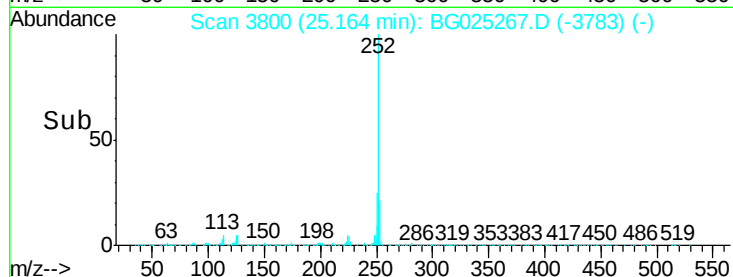
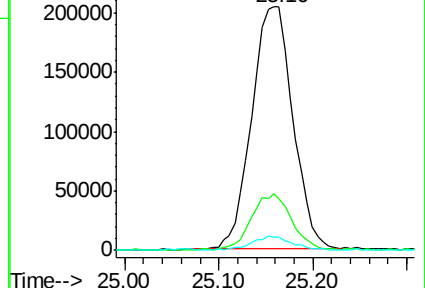
125 5.4 5.4 8.0



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: 19.04 ng/ul

RT: 29.28 min Scan# 4500

Delta R.T. -0.01 min

Lab File: BG025267.D

Acq: 17 Dec 2016 9:46

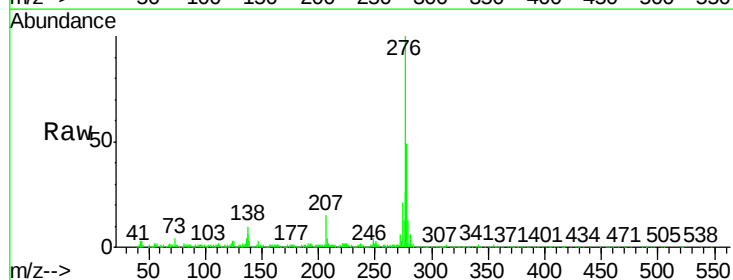
Tgt Ion:276 Resp: 635437

Ion Ratio Lower Upper

276 100

138 9.8 8.2 12.4

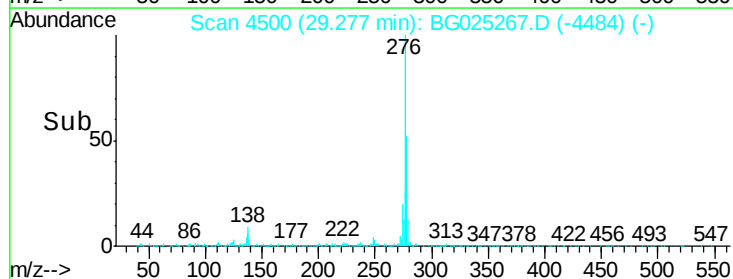
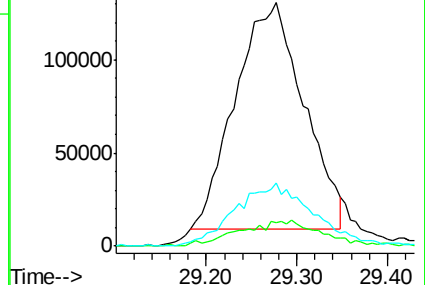
277 25.7 18.6 28.0

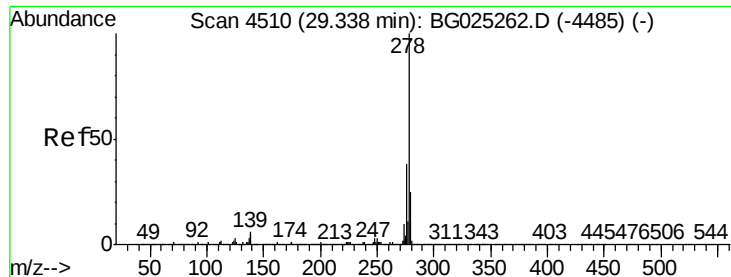


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 19.67 ng/ul

RT: 29.31 min Scan# 4505

Delta R.T. -0.03 min

Lab File: BG025267.D

Acq: 17 Dec 2016 9:46

Instrument :

BNA\_G

ClientSampleId :

SSTD02015

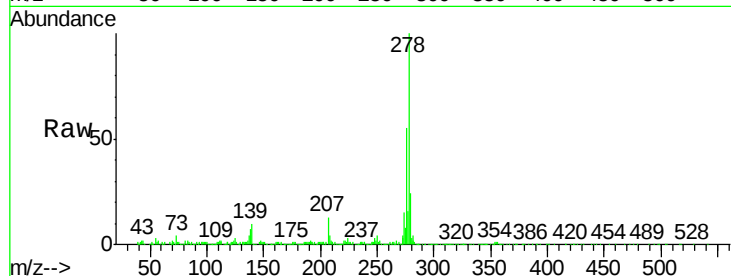
Tgt Ion:278 Resp: 553164

Ion Ratio Lower Upper

278 100

139 10.0 6.7 10.1

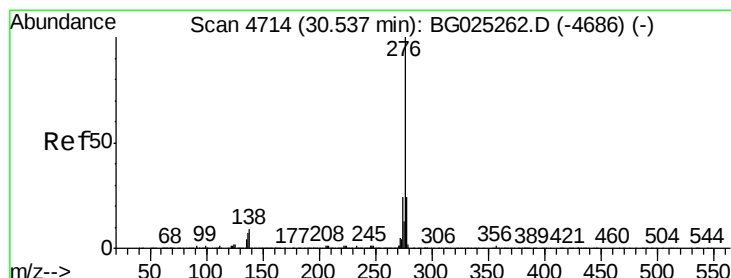
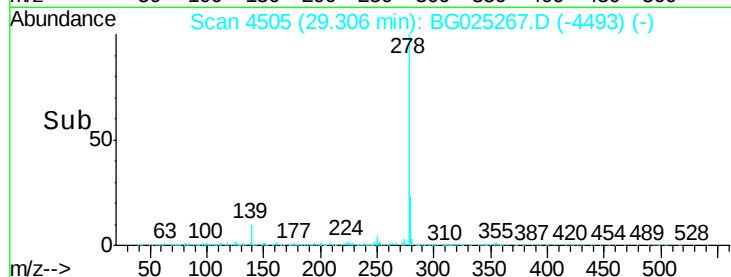
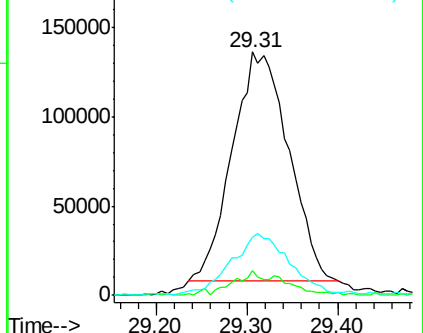
279 23.6 20.9 31.3



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: 18.10 ng/ul

RT: 30.51 min Scan# 4710

Delta R.T. -0.03 min

Lab File: BG025267.D

Acq: 17 Dec 2016 9:46

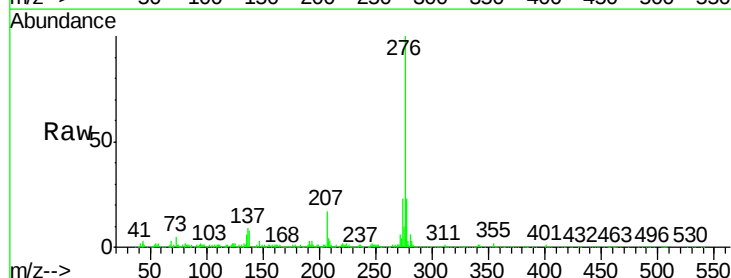
Tgt Ion:276 Resp: 504197

Ion Ratio Lower Upper

276 100

138 7.7 8.6 12.8#

277 23.4 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

