

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG070915\  
 Data File : BG017808.D  
 Acq On : 9 Jul 2015 14:53  
 Operator : TP/UM  
 Sample : SSTD16043  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD16043

Quant Time: Jul 10 03:52:09 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG070915.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jul 10 03:48:26 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.59  | 152  | 67257    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.38 | 136  | 346360   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.26 | 164  | 223344   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.01 | 188  | 468428   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.22 | 240  | 492845   | 20.00 | ng/ul | 0.01     |
| 85) Perylene-d12          | 23.44 | 264  | 478728   | 20.00 | ng/ul | 0.01     |

## System Monitoring Compounds

|                                |       |     |         |        |       |      |
|--------------------------------|-------|-----|---------|--------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.12  | 96  | 93800   | 55.49  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.78  | 99  | 1015599 | 176.18 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.95  | 67  | 573044  | 165.90 | ng/ul | 0.01 |
| 9) 2-Chlorophenol-d4           | 7.14  | 132 | 832194  | 168.30 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.32  | 113 | 839112  | 175.99 | ng/ul | 0.02 |
| 19) Nitrobenzene-d5            | 8.76  | 128 | 443441  | 166.42 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4           | 9.47  | 143 | 477583  | 177.34 | ng/ul | 0.01 |
| 26) 2,4-Dichlorophenol-d3      | 10.01 | 165 | 808234  | 161.41 | ng/ul | 0.02 |
| 29) 4-Chloroaniline-d4         | 10.53 | 131 | 826925  | 121.60 | ng/ul | 0.01 |
| 43) Dimethylphthalate-d6       | 13.68 | 166 | 2124780 | 138.03 | ng/ul | 0.01 |
| 46) Acenaphthylene-d8          | 13.95 | 160 | 2560746 | 126.42 | ng/ul | 0.01 |
| 51) 4-Nitrophenol-d4           | 14.50 | 143 | 567549  | 181.32 | ng/ul | 0.04 |
| 57) Fluorene-d10               | 15.26 | 176 | 1980495 | 130.00 | ng/ul | 0.01 |
| 62) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 498744  | 215.26 | ng/ul | 0.03 |
| 70) Anthracene-d10             | 17.12 | 188 | 2683269 | 123.65 | ng/ul | 0.01 |
| 78) Pyrene-d10                 | 19.42 | 212 | 2741482 | 115.48 | ng/ul | 0.01 |
| 89) Benzo(a)pyrene-d12         | 23.31 | 264 | 3135174 | 143.31 | ng/ul | 0.02 |

## Target Compounds

|                                |       |     |         |        |        | Qvalue |
|--------------------------------|-------|-----|---------|--------|--------|--------|
| 2) 1,4-Dioxane                 | 3.15  | 88  | 99757   | 58.03  | ng/ul  | 94     |
| 4) Benzaldehyde                | 6.74  | 77  | 436247  | 121.25 | ng/ul  | 97     |
| 6) Phenol                      | 6.81  | 94  | 1063781 | 170.95 | ng/ul  | 94     |
| 8) Bis(2-Chloroethyl)ether     | 7.04  | 93  | 770812  | 168.05 | ng/ul  | 99     |
| 10) 2-Chlorophenol             | 7.17  | 128 | 808489  | 163.36 | ng/ul  | 99     |
| 11) 2-Methylphenol             | 8.05  | 108 | 826178  | 180.23 | ng/ul  | 100    |
| 12) 2,2'-oxybis(1-Chloropropan | 8.14  | 45  | 1114802 | 159.27 | ng/ul  | 96     |
| 14) Acetophenone               | 8.43  | 105 | 1194884 | 170.42 | ng/ul  | 98     |
| 15) N-Nitroso-di-n-propylamine | 8.44  | 70  | 733675  | 165.18 | ng/ul  | 94     |
| 16) 4-Methylphenol             | 8.39  | 108 | 915672  | 176.41 | ng/ul  | 94     |
| 17) Hexachloroethane           | 8.66  | 117 | 325920  | 155.91 | ng/ul  | 98     |
| 20) Nitrobenzene               | 8.80  | 77  | 1013188 | 151.28 | ng/ul  | 94     |
| 21) Isophorone                 | 9.33  | 82  | 1868242 | 147.17 | ng/ul# | 92     |
| 23) 2-Nitrophenol              | 9.51  | 139 | 506106  | 171.15 | ng/ul  | 99     |
| 24) 2,4-Dimethylphenol         | 9.58  | 107 | 983640  | 150.07 | ng/ul  | 98     |
| 25) Bis(2-Chloroethoxy)methane | 9.82  | 93  | 1067167 | 150.03 | ng/ul  | 97     |
| 27) 2,4-Dichlorophenol         | 10.04 | 162 | 785489  | 156.43 | ng/ul  | 95     |
| 28) Naphthalene                | 10.43 | 128 | 2343544 | 129.39 | ng/ul# | 91     |
| 30) 4-Chloroaniline            | 10.55 | 127 | 822045  | 121.32 | ng/ul  | 94     |
| 31) Hexachlorobutadiene        | 10.72 | 225 | 414410  | 144.15 | ng/ul  | 95     |
| 32) Caprolactam                | 11.38 | 113 | 395094  | 145.19 | ng/ul  | 93     |
| 33) 4-Chloro-3-methylphenol    | 11.71 | 107 | 945607  | 153.84 | ng/ul  | 97     |
| 34) 2-Methylnaphthalene        | 12.06 | 142 | 1782334 | 138.18 | ng/ul  | 94     |

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 Sample : SSTD16043  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

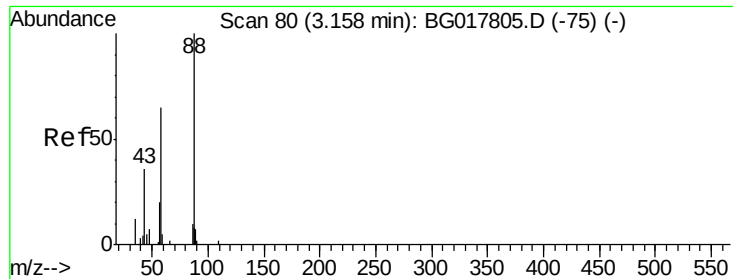
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD16043

Quant Time: Jul 10 03:52:09 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG070915.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jul 10 03:48:26 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.44 | 216  | 855015   | 145.43 | ng/ul  | 97       |
| 37) Hexachlorocyclopentadiene  | 12.41 | 237  | 540447   | 179.03 | ng/ul  | 97       |
| 38) 2,4,6-Trichlorophenol      | 12.68 | 196  | 607726   | 157.93 | ng/ul# | 94       |
| 39) 2,4,5-Trichlorophenol      | 12.76 | 196  | 670368   | 158.30 | ng/ul  | 96       |
| 40) 1,1'-Biphenyl              | 13.09 | 154  | 2118934  | 126.11 | ng/ul# | 87       |
| 41) 2-Chloronaphthalene        | 13.13 | 162  | 1751361  | 136.31 | ng/ul  | 93       |
| 42) 2-Nitroaniline             | 13.35 | 65   | 700704   | 158.49 | ng/ul  | 99       |
| 44) Dimethylphthalate          | 13.73 | 163  | 2148246  | 127.94 | ng/ul# | 93       |
| 45) 2,6-Dinitrotoluene         | 13.86 | 165  | 571468   | 168.63 | ng/ul  | 98       |
| 47) Acenaphthylene             | 13.98 | 152  | 2567508  | 116.16 | ng/ul# | 84       |
| 48) 3-Nitroaniline             | 14.18 | 138  | 510527   | 131.16 | ng/ul  | 100      |
| 49) Acenaphthene               | 14.33 | 153  | 1897047  | 128.03 | ng/ul  | 93       |
| 50) 2,4-Dinitrophenol          | 14.39 | 184  | 350517   | 254.27 | ng/ul  | 95       |
| 52) 4-Nitrophenol              | 14.52 | 109  | 442249   | 176.39 | ng/ul  | 98       |
| 53) Dibenzofuran               | 14.67 | 168  | 2454235  | 122.48 | ng/ul# | 84       |
| 54) 2,4-Dinitrotoluene         | 14.64 | 165  | 810012   | 169.67 | ng/ul  | 93       |
| 55) 2,3,4,6-Tetrachlorophenol  | 14.90 | 232  | 601080   | 175.61 | ng/ul  | 96       |
| 56) Diethylphthalate           | 15.11 | 149  | 2315319  | 127.47 | ng/ul# | 87       |
| 58) Fluorene                   | 15.32 | 166  | 2224415  | 124.51 | ng/ul# | 95       |
| 59) 4-Chlorophenyl-phenylether | 15.31 | 204  | 1212831  | 145.93 | ng/ul# | 90       |
| 60) 4-Nitroaniline             | 15.37 | 138  | 649417   | 145.88 | ng/ul  | 97       |
| 63) 4,6-Dinitro-2-methylphenol | 15.42 | 198  | 523391   | 213.56 | ng/ul  | 99       |
| 64) N-Nitrosodiphenylamine     | 15.54 | 169  | 1953735  | 134.77 | ng/ul  | 94       |
| 65) 4-Bromophenyl-phenylether  | 16.21 | 248  | 737815   | 156.98 | ng/ul  | 90       |
| 66) Hexachlorobenzene          | 16.32 | 284  | 797365   | 159.51 | ng/ul  | 95       |
| 67) Atrazine                   | 16.50 | 200  | 784783   | 157.32 | ng/ul  | 95       |
| 68) Pentachlorophenol          | 16.67 | 266  | 546665   | 262.38 | ng/ul  | 97       |
| 69) Phenanthrene               | 17.06 | 178  | 2933519  | 112.99 | ng/ul# | 75       |
| 71) Anthracene                 | 17.15 | 178  | 2879085  | 107.51 | ng/ul# | 72       |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.05 | 216  | 850779   | 152.27 | ng/uL  | 96       |
| 73) Pentachlorobenzene         | 14.59 | 250  | 896692   | 156.87 | ng/uL  | 95       |
| 74) Carbazole                  | 17.42 | 167  | 2835602  | 126.37 | ng/ul# | 79       |
| 75) Di-n-butylphthalate        | 18.00 | 149  | 3120791  | 100.80 | ng/ul# | 81       |
| 76) Fluoranthene               | 19.09 | 202  | 2987778  | 118.28 | ng/ul# | 80       |
| 79) Pyrene                     | 19.45 | 202  | 2966790  | 97.40  | ng/ul# | 74       |
| 80) Butylbenzylphthalate       | 20.36 | 149  | 1771164  | 126.63 | ng/ul# | 94       |
| 81) 3,3'-Dichlorobenzidine     | 21.14 | 252  | 1089913  | 125.39 | ng/ul  | 96       |
| 82) Benzo(a)anthracene         | 21.20 | 228  | 2957031  | 107.62 | ng/ul# | 75       |
| 83) Bis(2-ethylhexyl)phthalate | 21.14 | 149  | 2179633  | 112.14 | ng/ul# | 68       |
| 84) Chrysene                   | 21.25 | 228  | 2727821  | 104.92 | ng/ul# | 70       |
| 86) Di-n-octyl phthalate       | 22.02 | 149  | 3174329  | 108.95 | ng/ul  | 100      |
| 87) Benzo(b)fluoranthene       | 22.78 | 252  | 3373157  | 121.83 | ng/ul# | 88       |
| 88) Benzo(k)fluoranthene       | 22.83 | 252  | 3084194  | 116.96 | ng/ul# | 81       |
| 90) Benzo(a)pyrene             | 23.36 | 252  | 3278535  | 123.84 | ng/ul# | 82       |
| 91) Indeno(1,2,3-cd)pyrene     | 25.73 | 276  | 4210686  | 145.45 | ng/ul# | 91       |
| 92) Dibenzo(a,h)anthracene     | 25.75 | 278  | 3502146  | 142.05 | ng/ul# | 91       |
| 93) Benzo(g,h,i)perylene       | 26.43 | 276  | 3419971  | 140.90 | ng/ul  | 97       |

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





#2

1,4-Dioxane

Concen: 58.03 ng/uL

RT: 3.15 min Scan# 79

Delta R.T. -0.01 min

Lab File: BG017808.D

Acq: 9 Jul 2015 14:53

Instrument :

BNA\_G

ClientSampleId :

SSTD16043

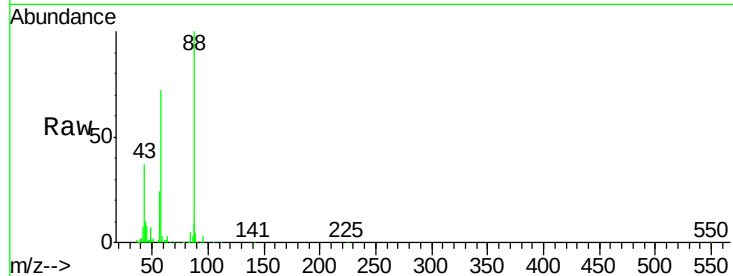
Tgt Ion: 88 Resp: 99757

Ion Ratio Lower Upper

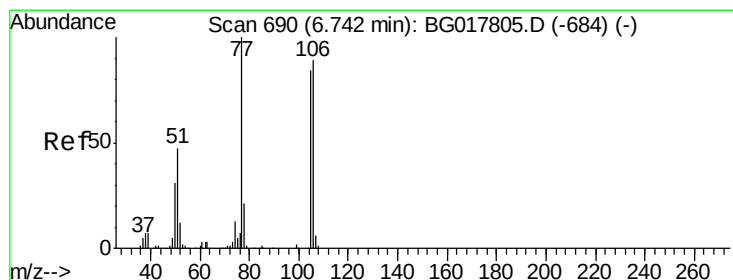
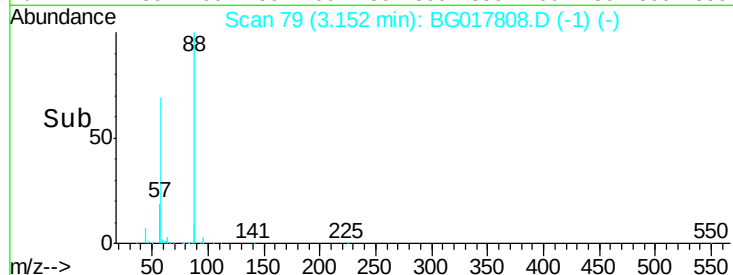
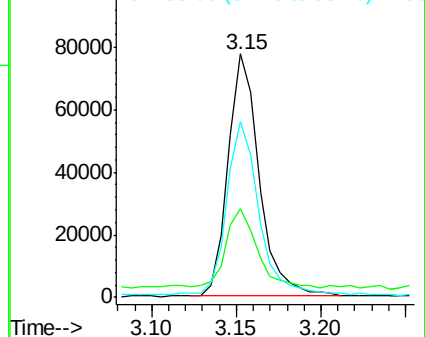
88 100

43 32.7 30.9 46.3

58 72.8 61.4 92.2



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: 121.25 ng/uL

RT: 6.74 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG017808.D

Acq: 9 Jul 2015 14:53

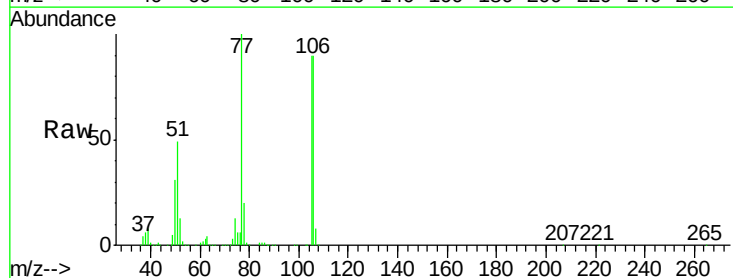
Tgt Ion: 77 Resp: 436247

Ion Ratio Lower Upper

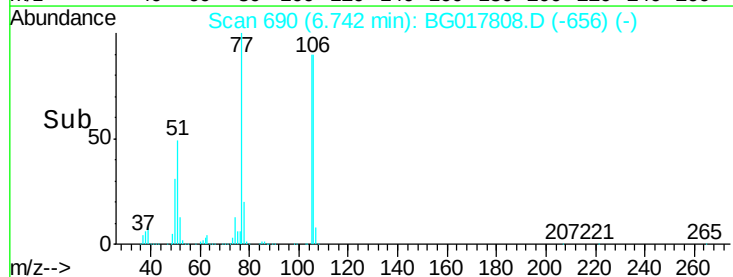
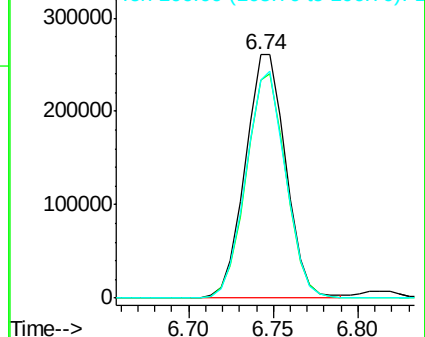
77 100

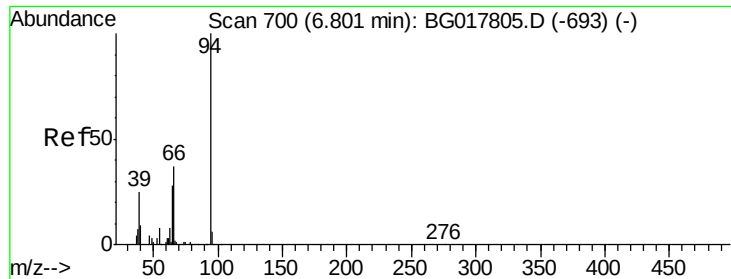
105 89.8 67.5 101.3

106 89.6 72.1 108.1



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: 170.95 ng/ul

RT: 6.81 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG017808.D

Acq: 9 Jul 2015 14:53

Instrument :

BNA\_G

ClientSampleId :

SSTD16043

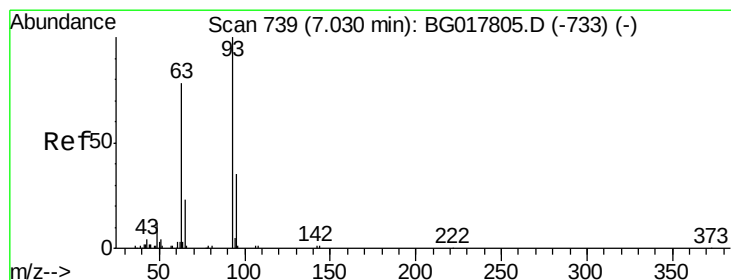
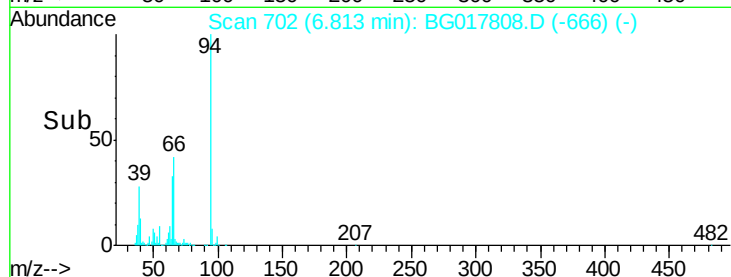
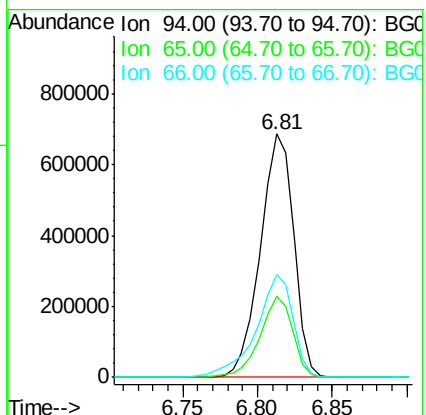
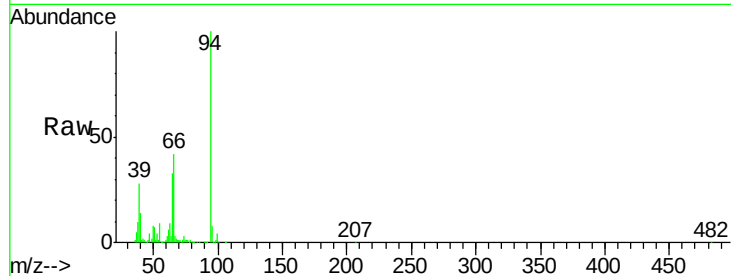
Tgt Ion: 94 Resp: 1063781

Ion Ratio Lower Upper

94 100

65 33.4 23.1 34.7

66 42.2 31.4 47.2



#8

Bis(2-Chloroethyl)ether

Concen: 168.05 ng/ul

RT: 7.04 min Scan# 741

Delta R.T. 0.01 min

Lab File: BG017808.D

Acq: 9 Jul 2015 14:53

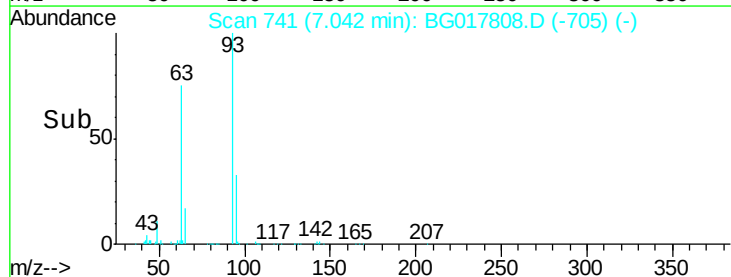
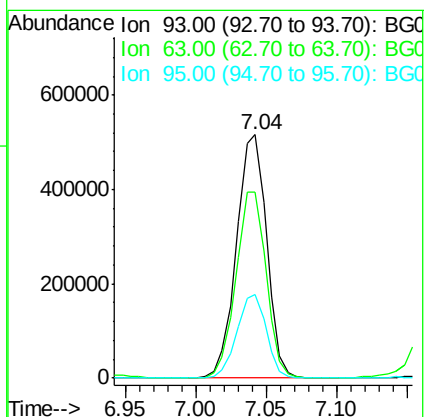
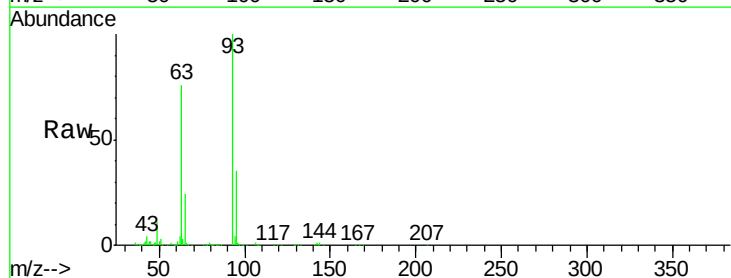
Tgt Ion: 93 Resp: 770812

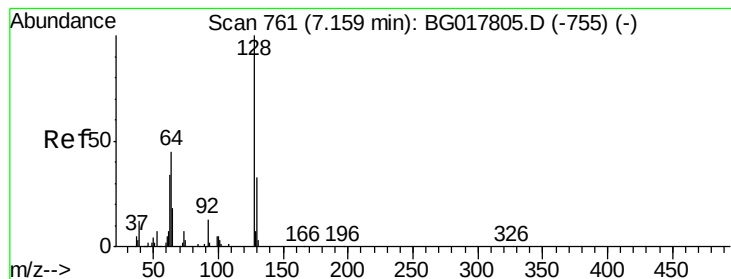
Ion Ratio Lower Upper

93 100

63 76.1 62.2 93.4

95 34.6 27.9 41.9





#10

2-Chlorophenol

Concen: 163.36 ng/ul

RT: 7.17 min Scan# 763

Delta R.T. 0.01 min

Lab File: BG017808.D

Acq: 9 Jul 2015 14:53

Instrument :

BNA\_G

ClientSampleId :

SSTD16043

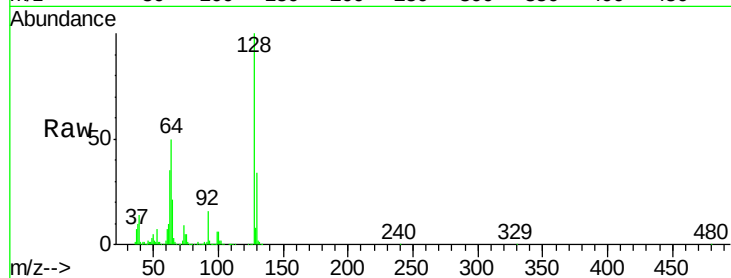
Tgt Ion:128 Resp: 808489

Ion Ratio Lower Upper

128 100

64 50.4 40.9 61.3

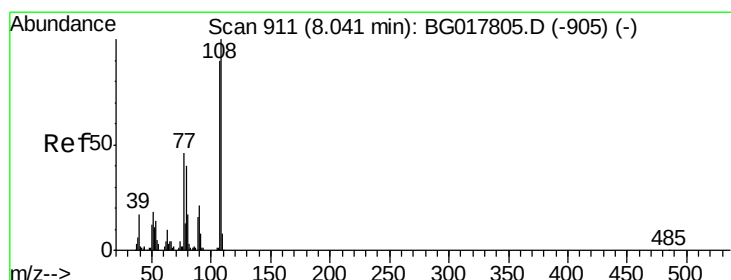
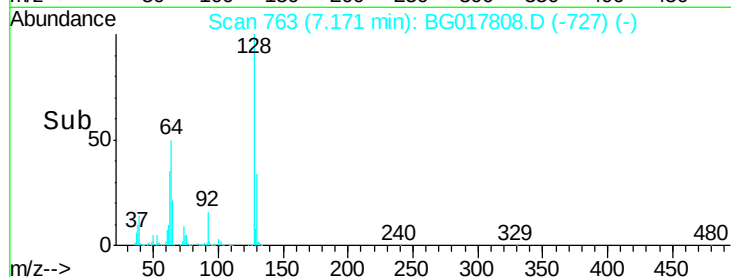
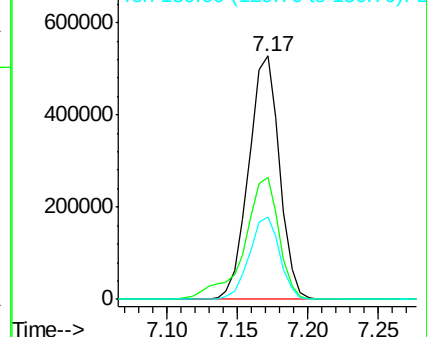
130 33.6 26.7 40.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 180.23 ng/ul

RT: 8.05 min Scan# 912

Delta R.T. 0.01 min

Lab File: BG017808.D

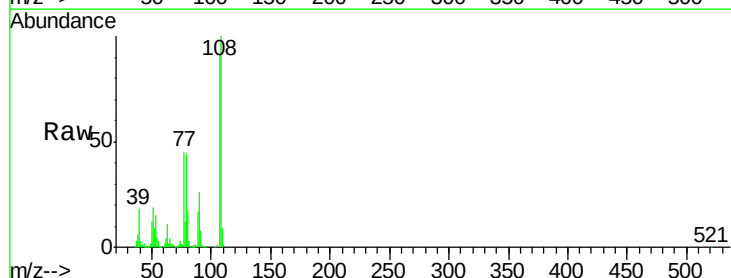
Acq: 9 Jul 2015 14:53

Tgt Ion:108 Resp: 826178

Ion Ratio Lower Upper

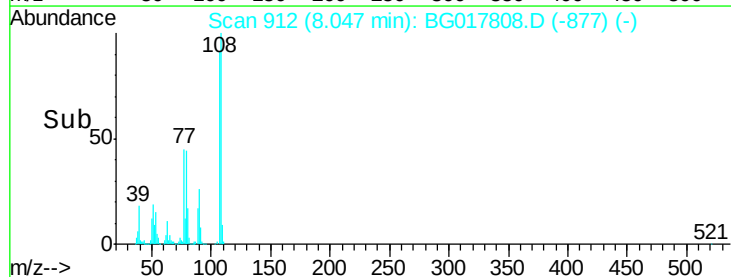
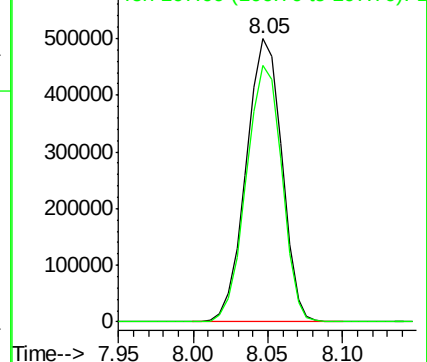
108 100

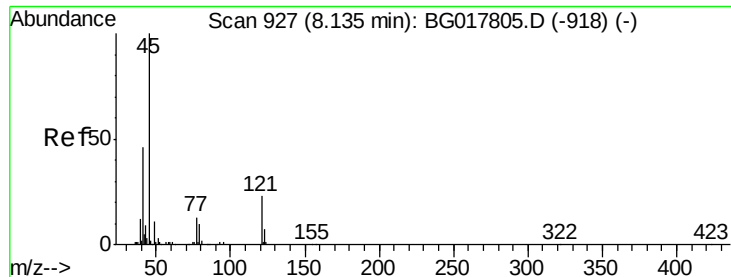
107 90.5 72.7 109.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

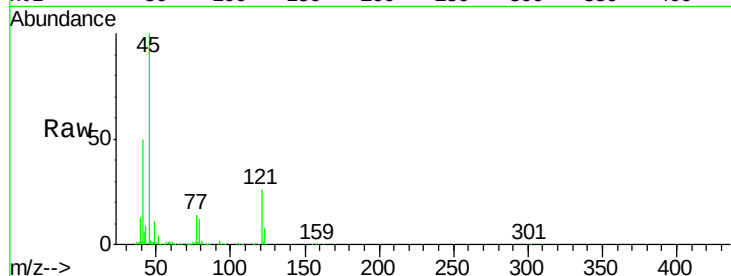




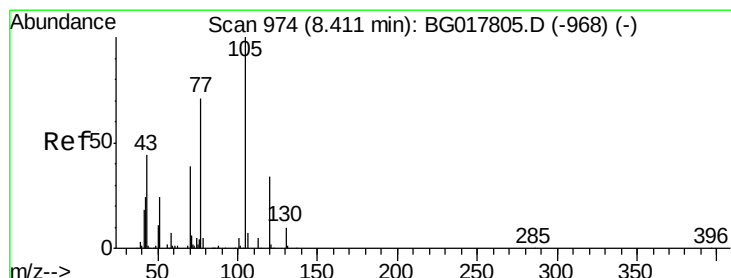
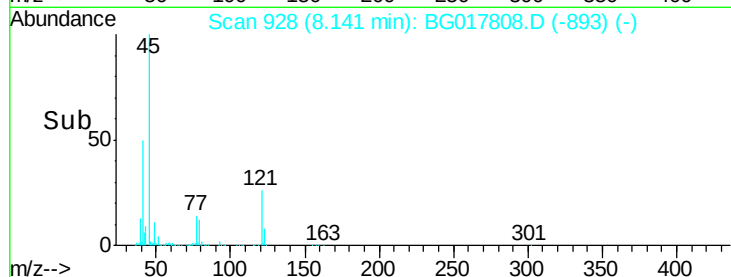
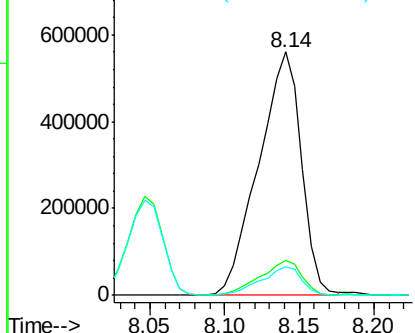
#12  
 2,2'-oxybis(1-chloropropane)  
 Concen: 159.27 ng/ul  
 RT: 8.14 min Scan# 928  
 Delta R.T. 0.01 min  
 Lab File: BG017808.D  
 Acq: 9 Jul 2015 14:53

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD16043

Tgt Ion: 45 Resp: 1114802  
 Ion Ratio Lower Upper  
 45 100  
 77 14.2 10.3 15.5  
 79 11.5 7.9 11.9

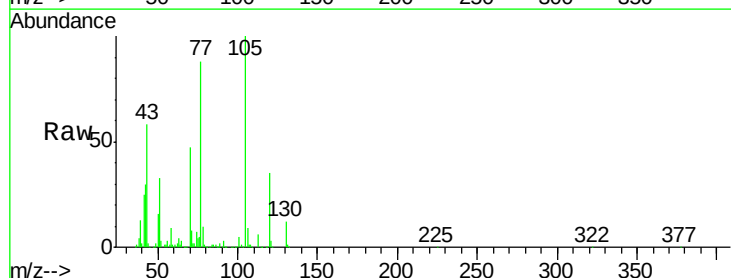


Abundance Ion 45.00 (44.70 to 45.70): BGC  
 Ion 77.00 (76.70 to 77.70): BGC  
 Ion 79.00 (78.70 to 79.70): BGC

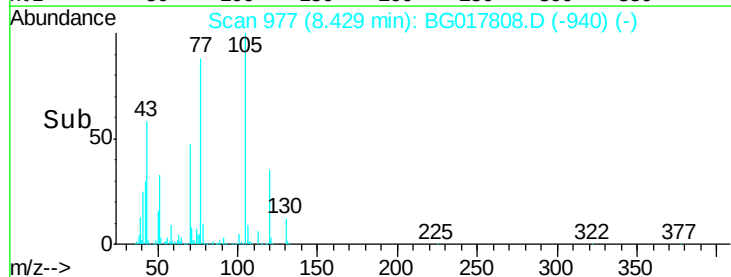
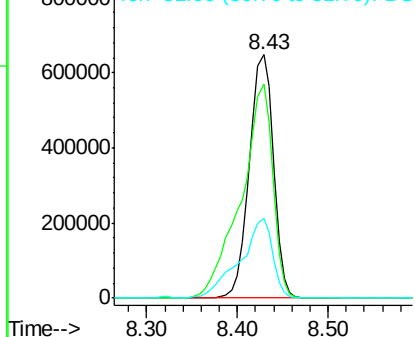


#14  
 Acetophenone  
 Concen: 170.42 ng/ul  
 RT: 8.43 min Scan# 977  
 Delta R.T. 0.02 min  
 Lab File: BG017808.D  
 Acq: 9 Jul 2015 14:53

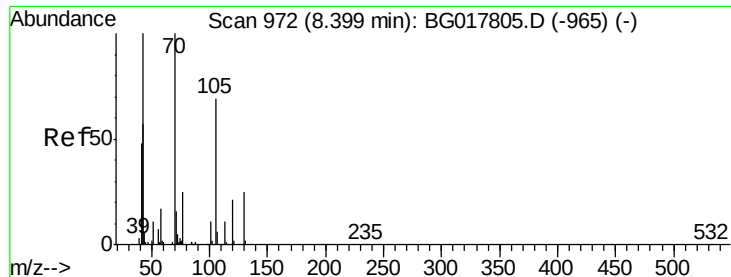
Tgt Ion: 105 Resp: 1194884  
 Ion Ratio Lower Upper  
 105 100  
 77 88.1 71.4 107.2  
 51 32.8 25.2 37.8



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







#15

N-Nitroso-di-n-propylamine

Concen: 165.18 ng/ul

RT: 8.44 min Scan# 979

Delta R.T. 0.04 min

Lab File: BG017808.D

Acq: 9 Jul 2015 14:53

Instrument :

BNA\_G

ClientSampleId :

SSTD16043

Tgt Ion: 70 Resp: 733675

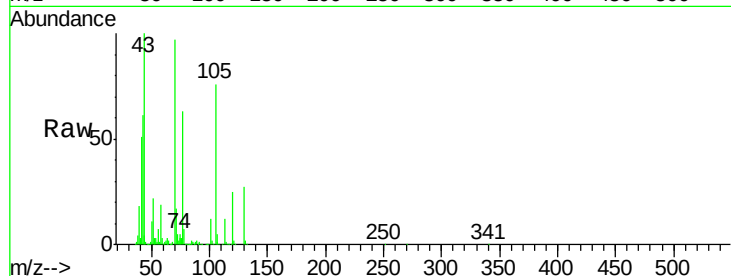
Ion Ratio Lower Upper

70 100

42 62.6 46.6 69.8

101 12.1 8.5 12.7

130 28.0 20.3 30.5

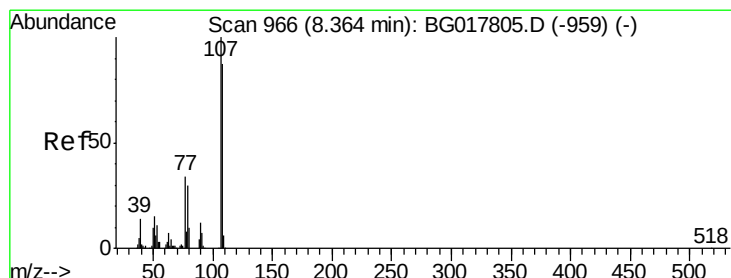
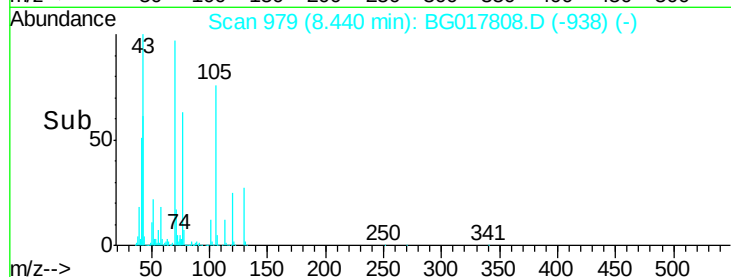
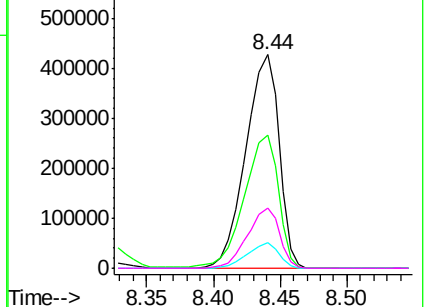


Abundance Ion 70.00 (69.70 to 70.70): BG017808.D (-938) (-)

Ion 42.00 (41.70 to 42.70): BG017808.D (-938) (-)

Ion 101.00 (100.70 to 101.70): BG017808.D (-938) (-)

Ion 130.00 (129.70 to 130.70): BG017808.D (-938) (-)



#16

4-Methylphenol

Concen: 176.41 ng/ul

RT: 8.39 min Scan# 971

Delta R.T. 0.03 min

Lab File: BG017808.D

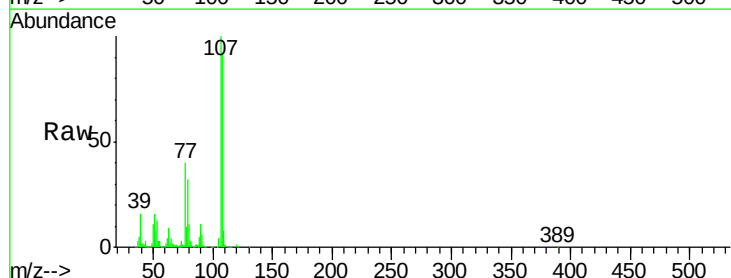
Acq: 9 Jul 2015 14:53

Tgt Ion: 108 Resp: 915672

Ion Ratio Lower Upper

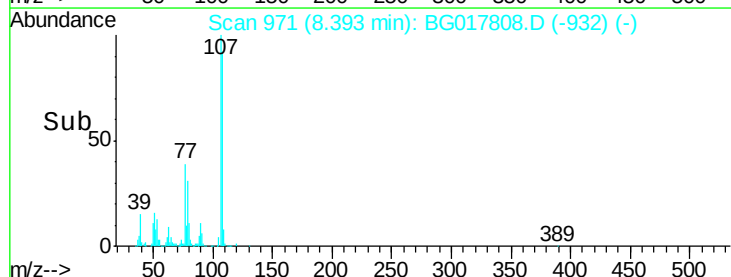
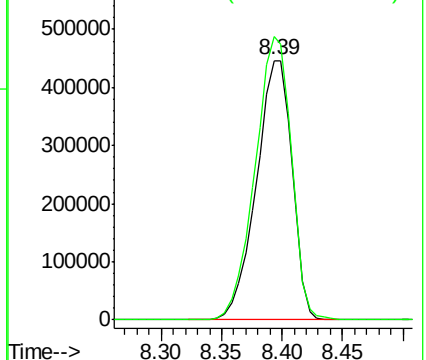
108 100

107 109.1 92.3 138.5

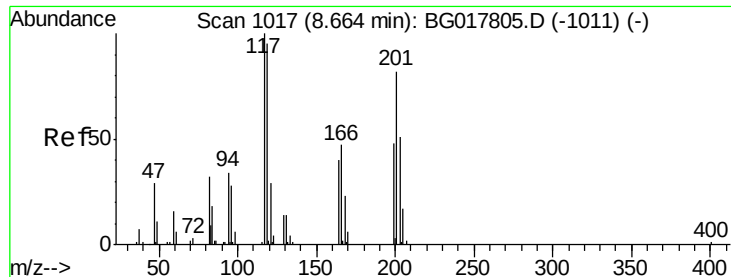


Abundance Ion 108.00 (107.70 to 108.70): BG017808.D (-932) (-)

Ion 107.00 (106.70 to 107.70): BG017808.D (-932) (-)



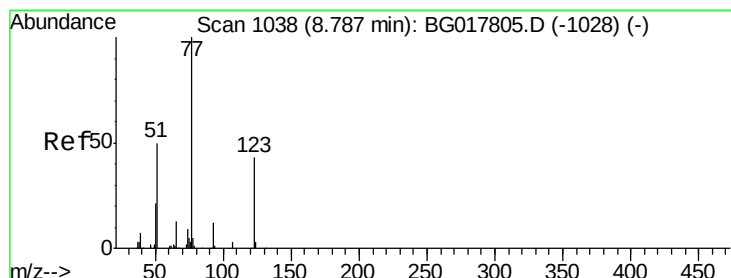
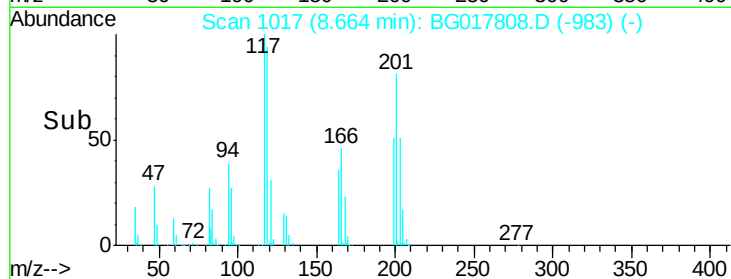
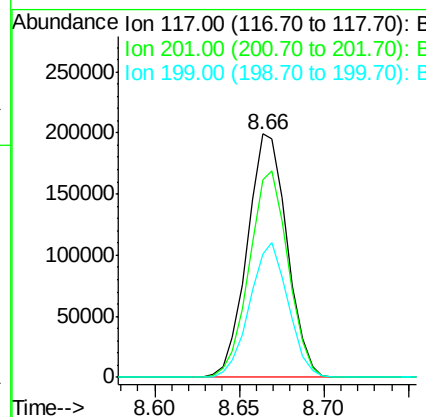
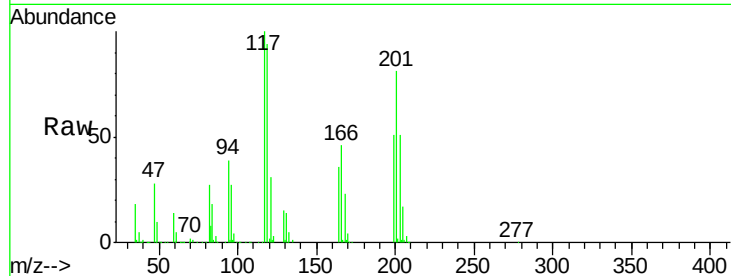




#17  
Hexachloroethane  
Concen: 155.91 ng/ul  
RT: 8.66 min Scan# 1017  
Delta R.T. 0.00 min  
Lab File: BG017808.D  
Acq: 9 Jul 2015 14:53

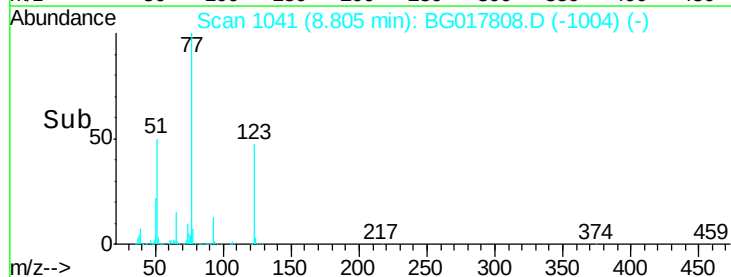
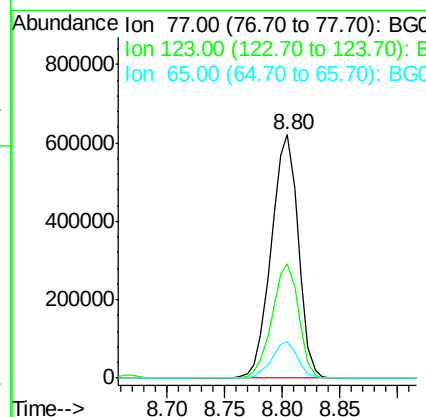
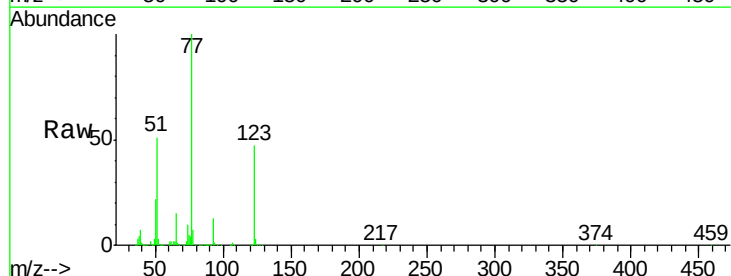
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD16043

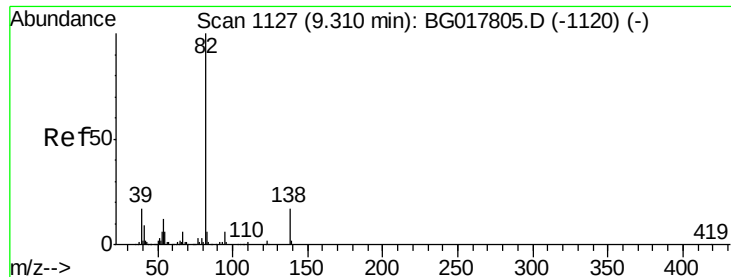
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 81.1  | 65.9  | 98.9  |
| 199     | 50.9  | 38.6  | 57.8  |



#20  
Nitrobenzene  
Concen: 151.28 ng/ul  
RT: 8.80 min Scan# 1041  
Delta R.T. 0.02 min  
Lab File: BG017808.D  
Acq: 9 Jul 2015 14:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 46.7  | 34.2  | 51.4  |
| 65      | 14.7  | 10.2  | 15.2  |





#21

Isophorone

Concen: 147.17 ng/ul

RT: 9.33 min Scan# 1131

Delta R.T. 0.02 min

Lab File: BG017808.D

Acq: 9 Jul 2015 14:53

Instrument :

BNA\_G

ClientSampleId :

SSTD16043

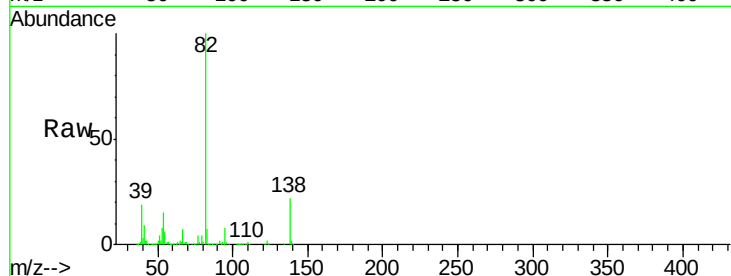
Tgt Ion: 82 Resp: 1868242

Ion Ratio Lower Upper

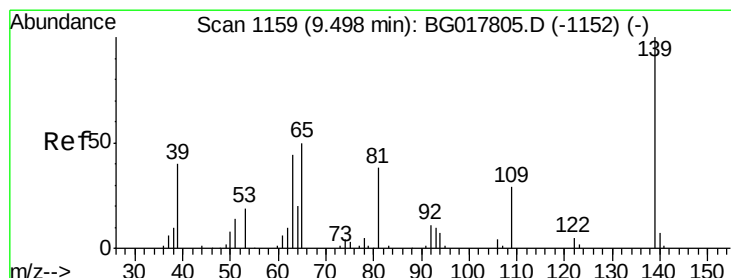
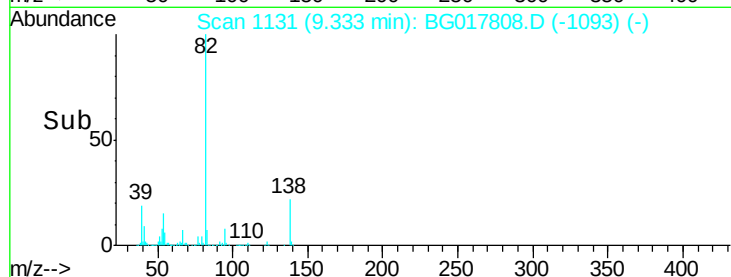
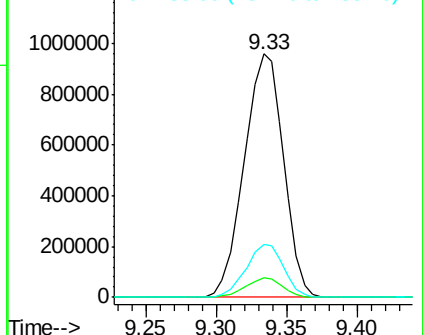
82 100

95 7.8 5.3 7.9

138 21.6 13.9 20.9#



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: 171.15 ng/ul

RT: 9.51 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BG017808.D

Acq: 9 Jul 2015 14:53

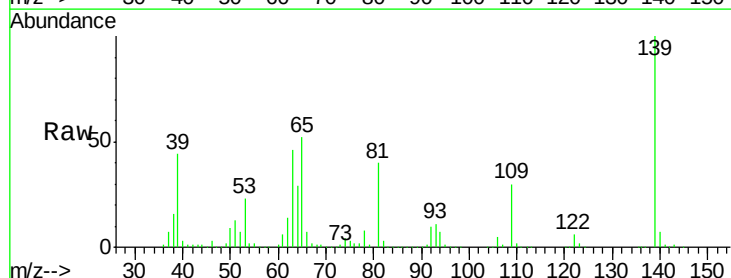
Tgt Ion: 139 Resp: 506106

Ion Ratio Lower Upper

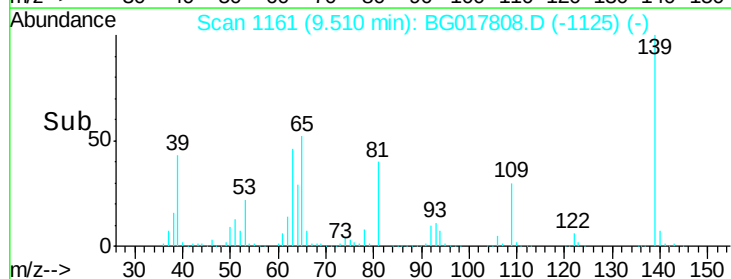
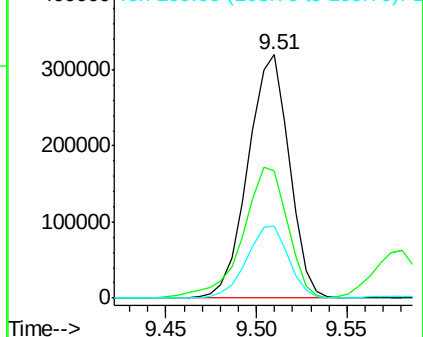
139 100

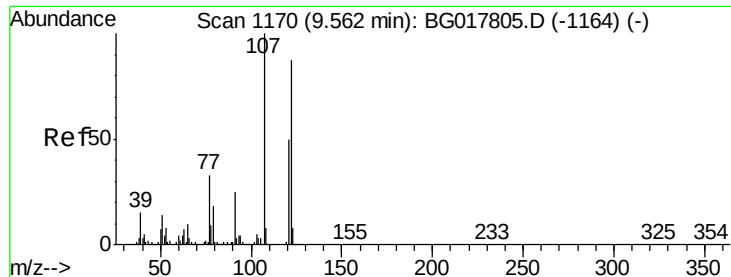
65 52.1 41.5 62.3

109 29.6 23.0 34.4



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

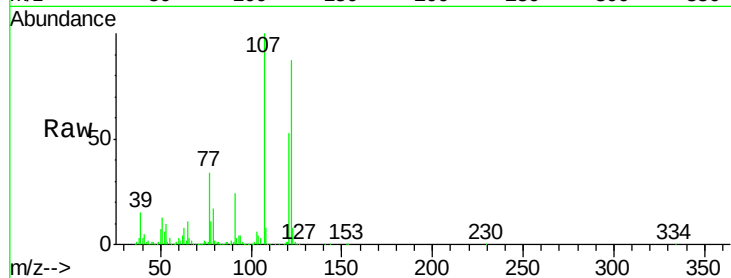




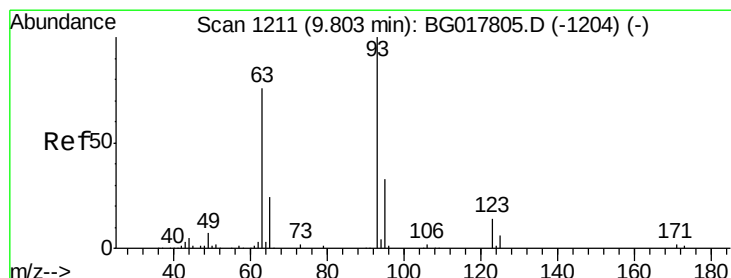
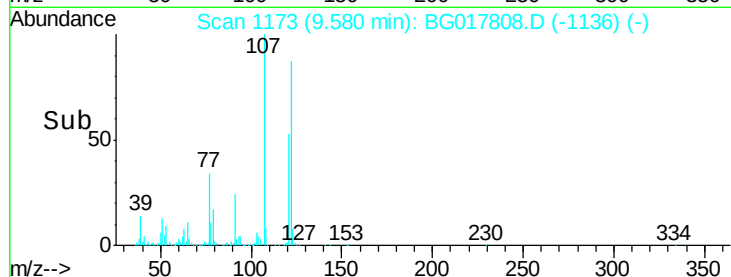
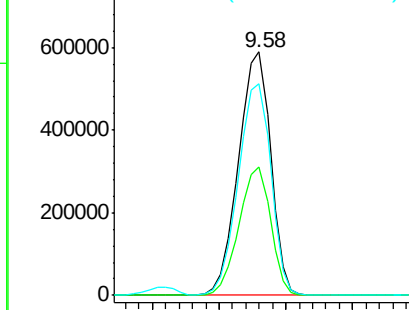
#24  
 2,4-Dimethylphenol  
 Concen: 150.07 ng/ul  
 RT: 9.58 min Scan# 1173  
 Delta R.T. 0.02 min  
 Lab File: BG017808.D  
 Acq: 9 Jul 2015 14:53

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD16043

Tgt Ion: 107 Resp: 983640  
 Ion Ratio Lower Upper  
 107 100  
 121 52.7 40.2 60.2  
 122 86.8 69.8 104.8

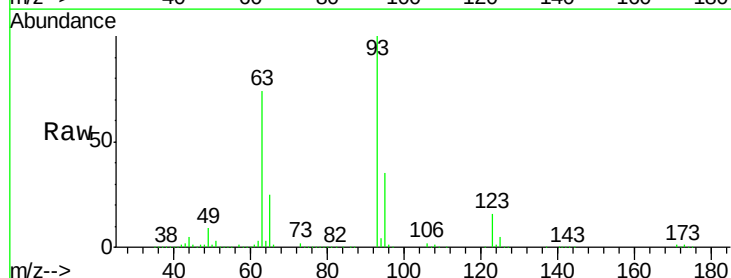


Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E  
 Ion 122.00 (121.70 to 122.70): E

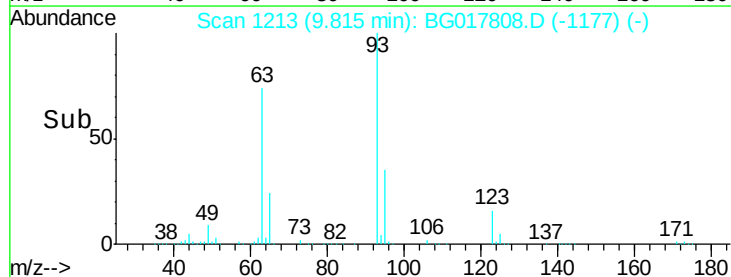
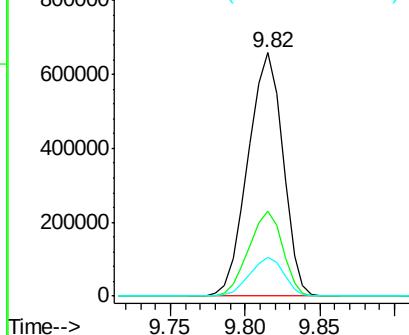


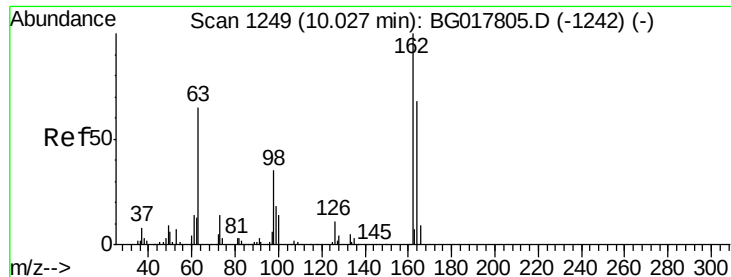
#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 150.03 ng/ul  
 RT: 9.82 min Scan# 1213  
 Delta R.T. 0.01 min  
 Lab File: BG017808.D  
 Acq: 9 Jul 2015 14:53

Tgt Ion: 93 Resp: 1067167  
 Ion Ratio Lower Upper  
 93 100  
 95 34.8 26.6 39.8  
 123 15.7 11.6 17.4



Abundance Ion 93.00 (92.70 to 93.70): BGC  
 Ion 95.00 (94.70 to 95.70): BGC  
 Ion 123.00 (122.70 to 123.70): E

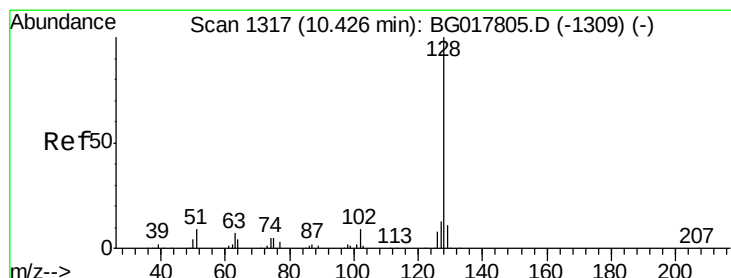
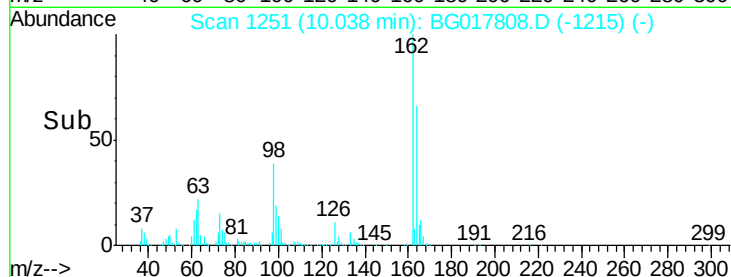
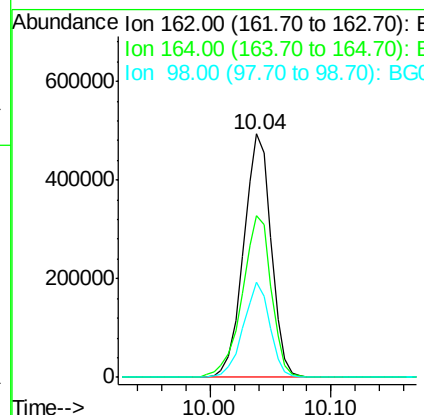
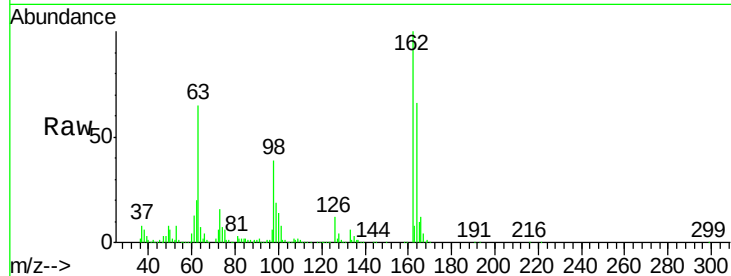




#27  
 2,4-Dichlorophenol  
 Concen: 156.43 ng/ul  
 RT: 10.04 min Scan# 1251  
 Delta R.T. 0.01 min  
 Lab File: BG017808.D  
 Acq: 9 Jul 2015 14:53

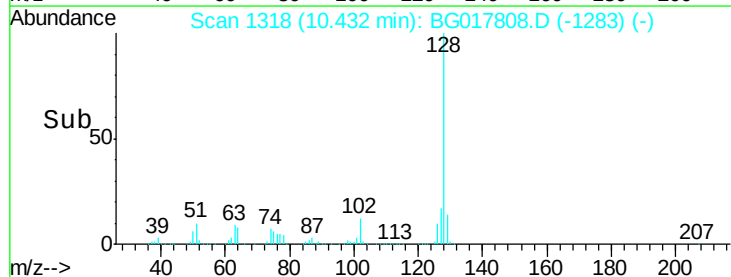
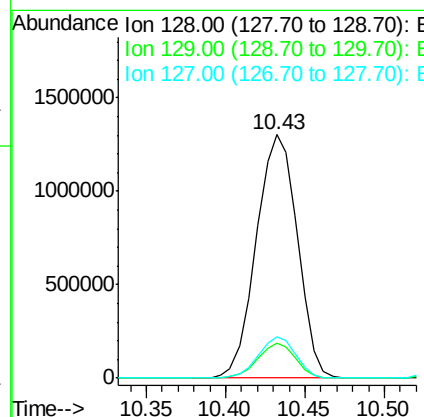
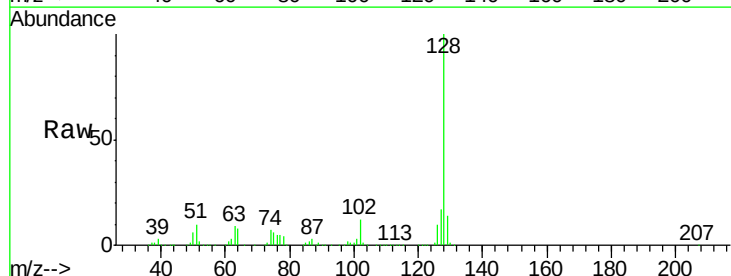
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD16043

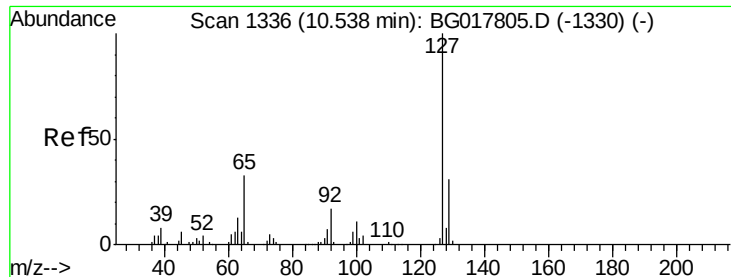
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.5  | 55.4  | 83.0  |
| 98      | 38.8  | 27.9  | 41.9  |



#28  
 Naphthalene  
 Concen: 129.39 ng/ul  
 RT: 10.43 min Scan# 1318  
 Delta R.T. 0.01 min  
 Lab File: BG017808.D  
 Acq: 9 Jul 2015 14:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 14.2  | 8.6   | 13.0# |
| 127     | 16.8  | 10.8  | 16.2# |

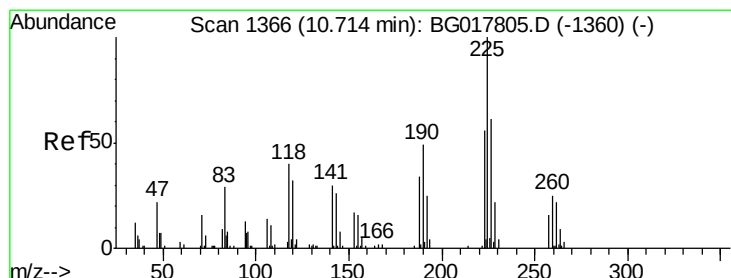
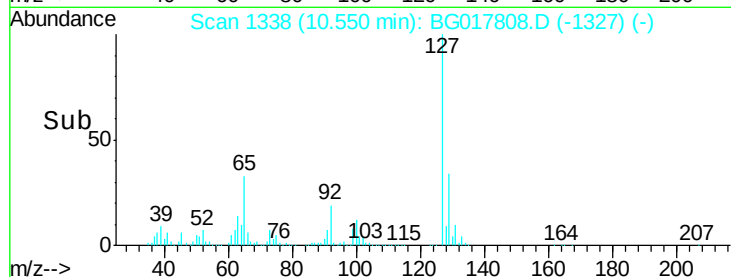
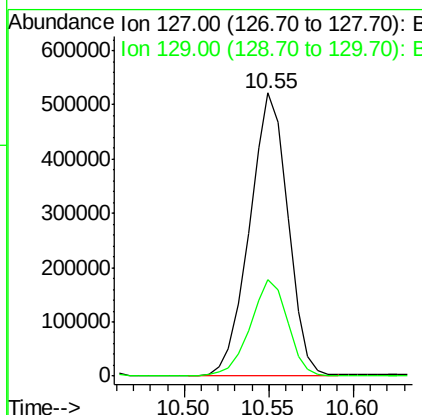
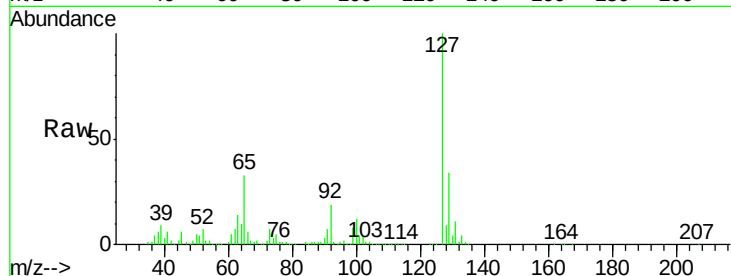




#30  
4-Chloroaniline  
Concen: 121.32 ng/ul  
RT: 10.55 min Scan# 1338  
Delta R.T. 0.01 min  
Lab File: BG017808.D  
Acq: 9 Jul 2015 14:53

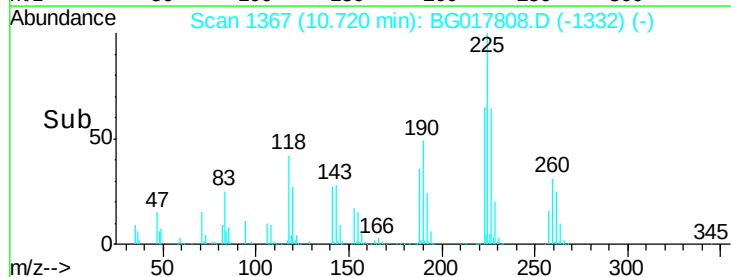
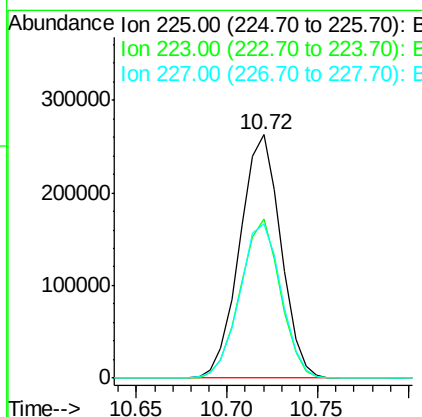
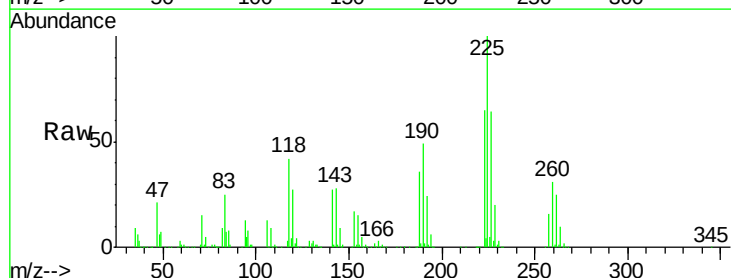
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD16043

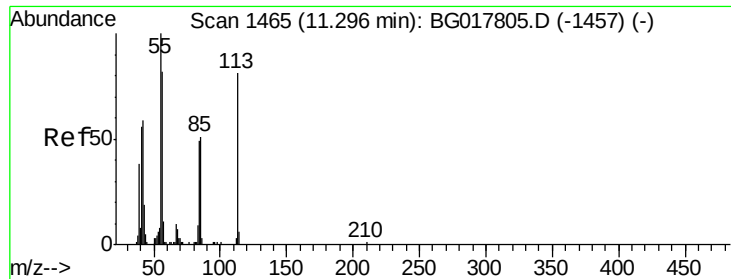
Tgt Ion:127 Resp: 822045  
Ion Ratio Lower Upper  
127 100  
129 34.3 24.6 37.0



#31  
Hexachlorobutadiene  
Concen: 144.15 ng/ul  
RT: 10.72 min Scan# 1367  
Delta R.T. 0.01 min  
Lab File: BG017808.D  
Acq: 9 Jul 2015 14:53

Tgt Ion:225 Resp: 414410  
Ion Ratio Lower Upper  
225 100  
223 65.1 47.9 71.9  
227 63.5 48.6 72.8

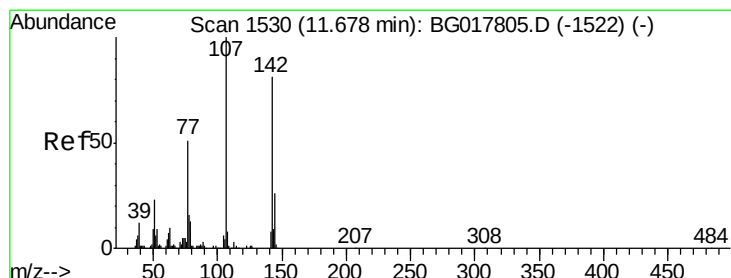
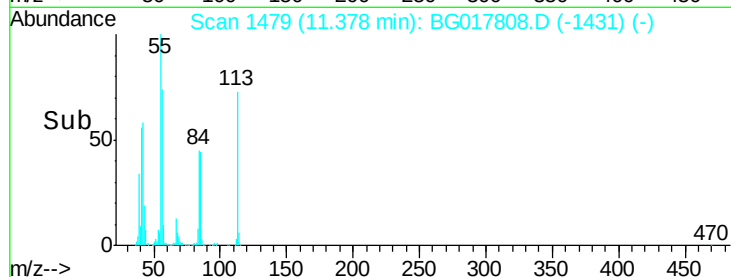
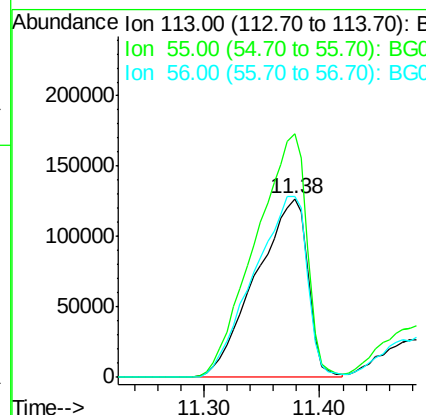
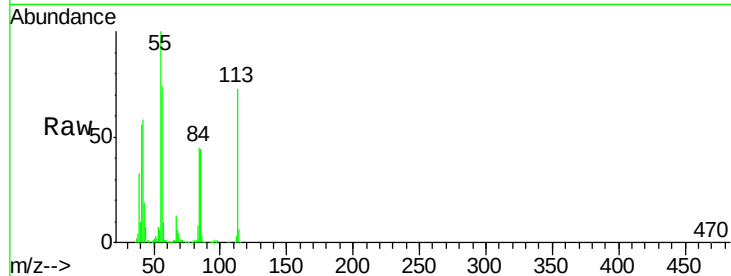




#32  
 Caprolactam  
 Concen: 145.19 ng/ul  
 RT: 11.38 min Scan# 1479  
 Delta R.T. 0.08 min  
 Lab File: BG017808.D  
 Acq: 9 Jul 2015 14:53

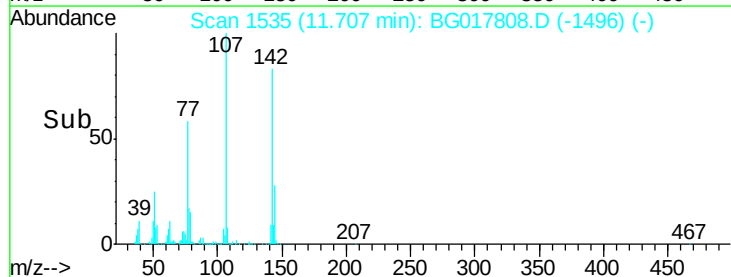
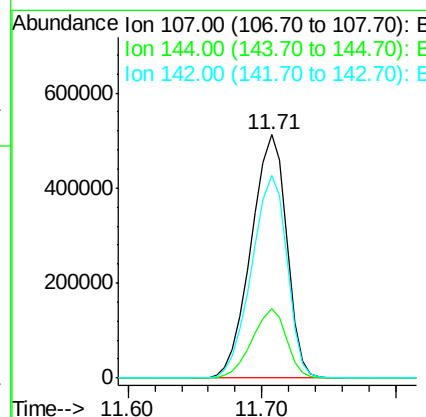
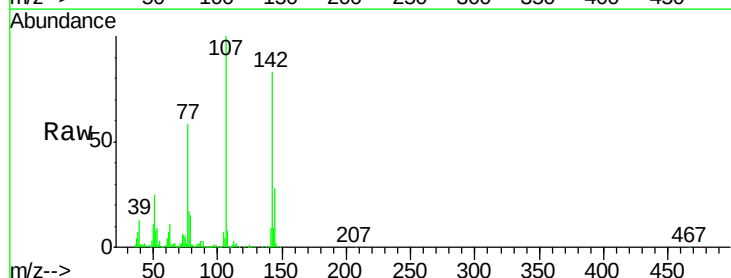
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD16043

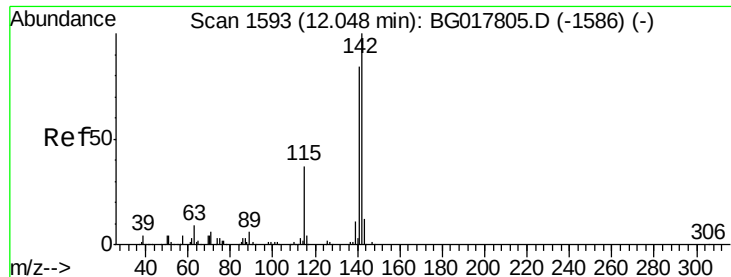
Tgt Ion:113 Resp: 395094  
 Ion Ratio Lower Upper  
 113 100  
 55 136.4 98.3 147.5  
 56 101.5 80.7 121.1



#33  
 4-Chloro-3-methylphenol  
 Concen: 153.84 ng/ul  
 RT: 11.71 min Scan# 1535  
 Delta R.T. 0.03 min  
 Lab File: BG017808.D  
 Acq: 9 Jul 2015 14:53

Tgt Ion:107 Resp: 945607  
 Ion Ratio Lower Upper  
 107 100  
 144 28.4 21.0 31.6  
 142 83.2 64.8 97.2

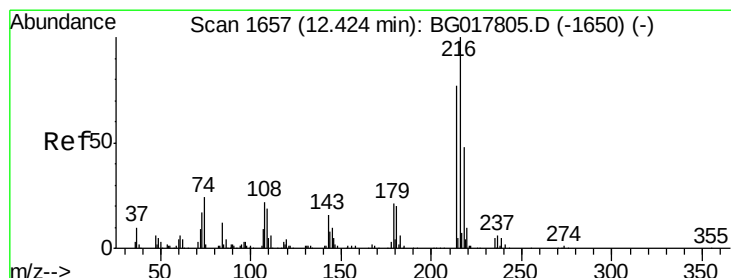
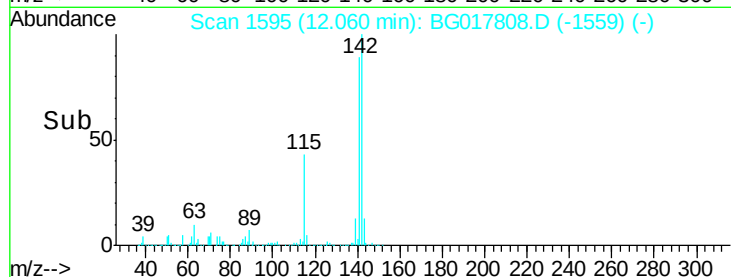
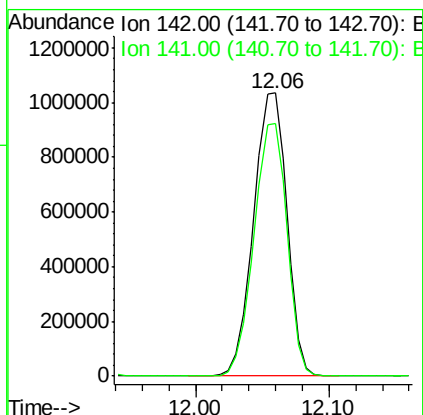
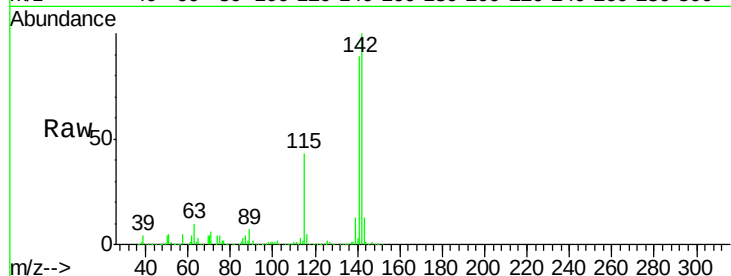




#34  
 2-Methylnaphthalene  
 Concen: 138.18 ng/ul  
 RT: 12.06 min Scan# 1595  
 Delta R.T. 0.01 min  
 Lab File: BG017808.D  
 Acq: 9 Jul 2015 14:53

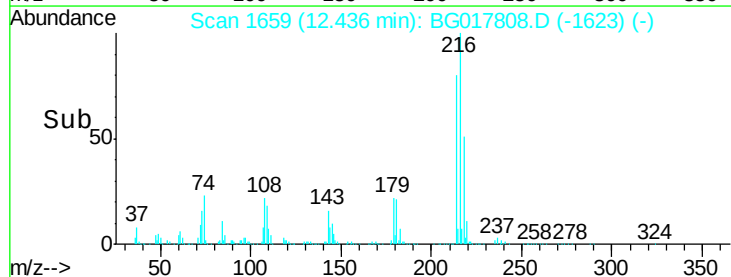
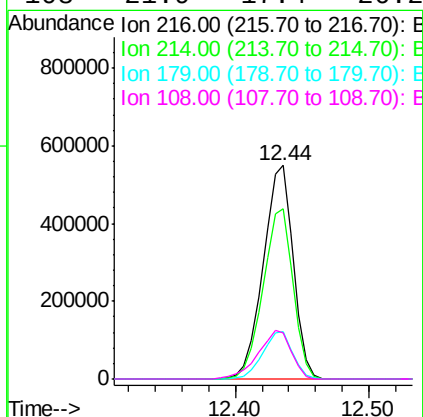
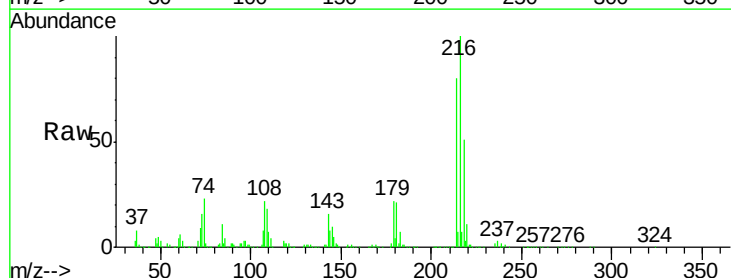
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD16043

Tgt Ion:142 Resp: 1782334  
 Ion Ratio Lower Upper  
 142 100  
 141 89.4 67.0 100.4

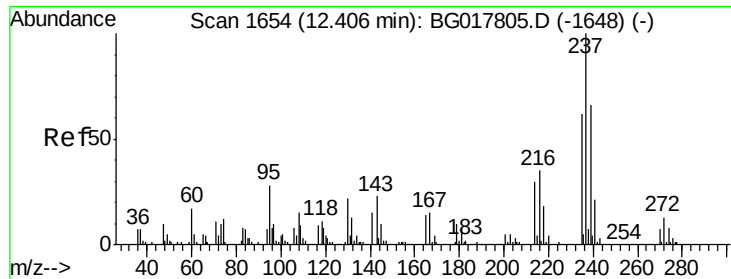


#36  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 145.43 ng/ul  
 RT: 12.44 min Scan# 1659  
 Delta R.T. 0.01 min  
 Lab File: BG017808.D  
 Acq: 9 Jul 2015 14:53

Tgt Ion:216 Resp: 855015  
 Ion Ratio Lower Upper  
 216 100  
 214 79.7 61.5 92.3  
 179 22.1 16.7 25.1  
 108 21.9 17.4 26.2



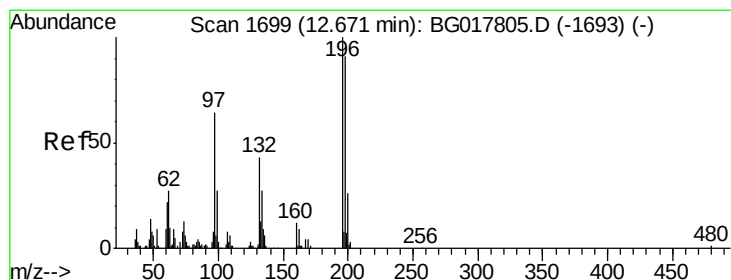
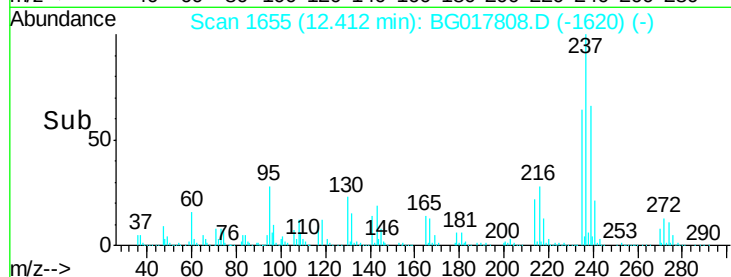
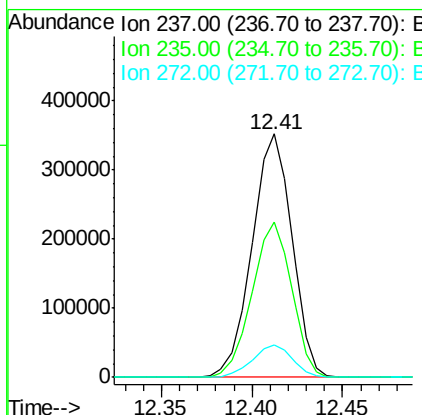
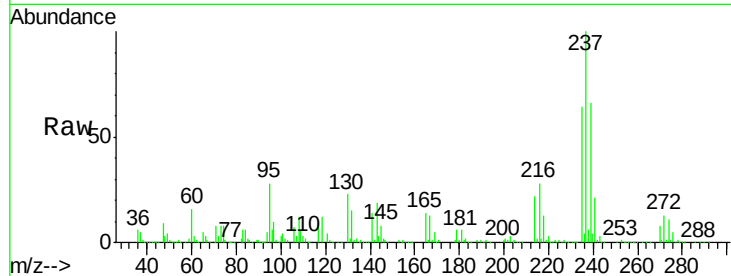




#37  
Hexachlorocyclopentadiene  
Concen: 179.03 ng/ul  
RT: 12.41 min Scan# 1655  
Delta R.T. 0.01 min  
Lab File: BG017808.D  
Acq: 9 Jul 2015 14:53

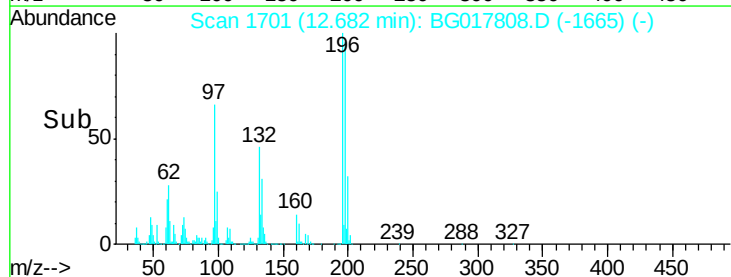
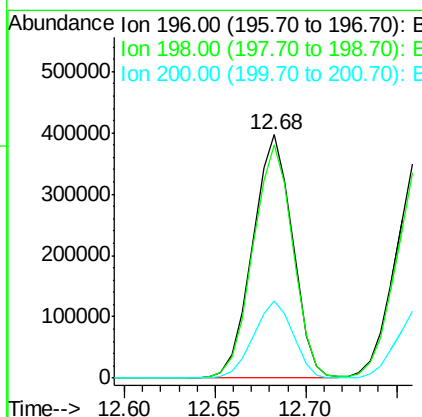
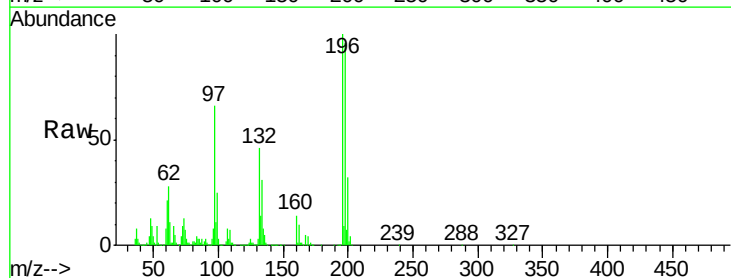
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD16043

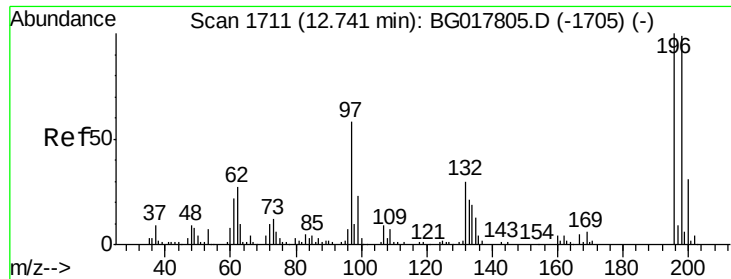
Tgt Ion:237 Resp: 540447  
Ion Ratio Lower Upper  
237 100  
235 63.9 49.4 74.0  
272 14.2 10.5 15.7



#38  
2,4,6-Trichlorophenol  
Concen: 157.93 ng/ul  
RT: 12.68 min Scan# 1701  
Delta R.T. 0.01 min  
Lab File: BG017808.D  
Acq: 9 Jul 2015 14:53

Tgt Ion:196 Resp: 607726  
Ion Ratio Lower Upper  
196 100  
198 96.0 73.0 109.4  
200 31.6 20.6 31.0#

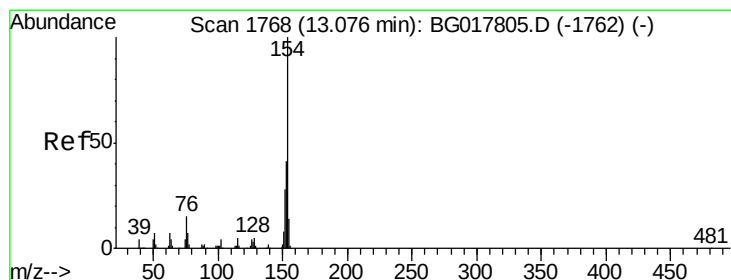
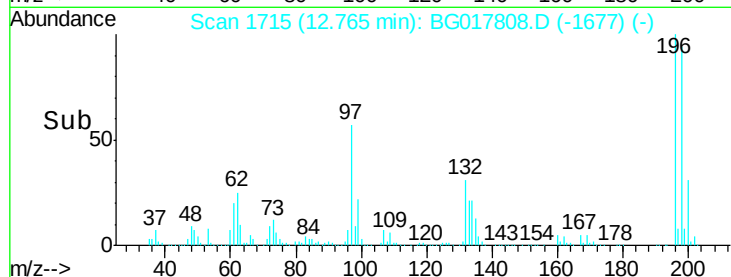
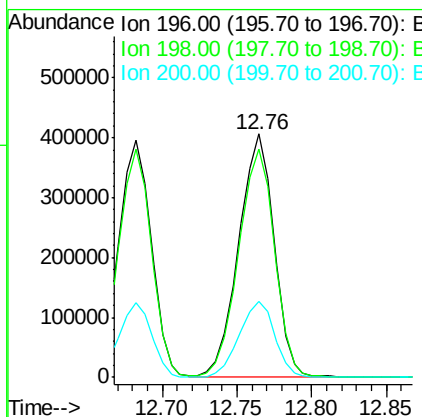
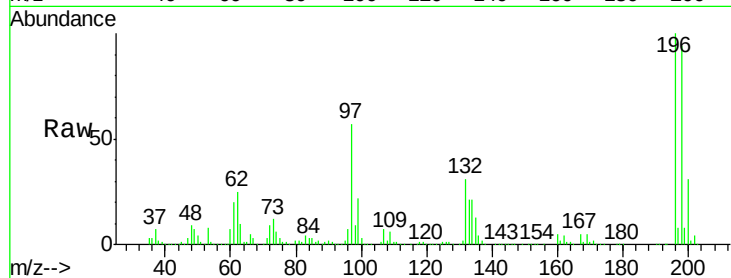




#39  
 2,4,5-Trichlorophenol  
 Concen: 158.30 ng/ul  
 RT: 12.76 min Scan# 1715  
 Delta R.T. 0.02 min  
 Lab File: BG017808.D  
 Acq: 9 Jul 2015 14:53

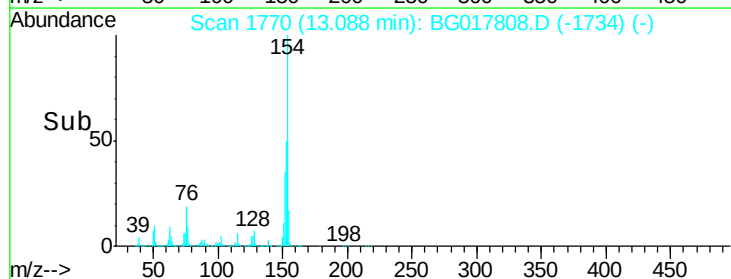
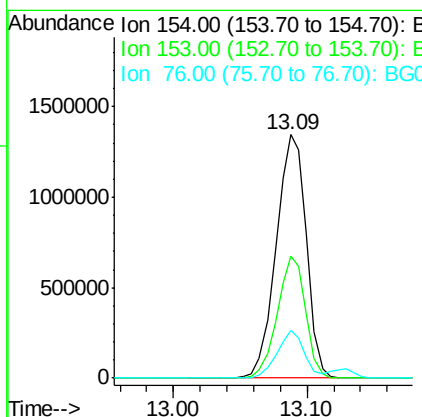
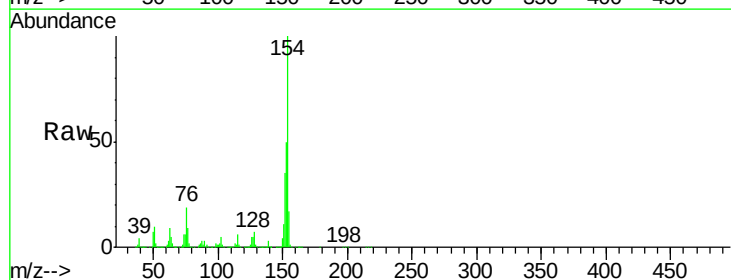
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD16043

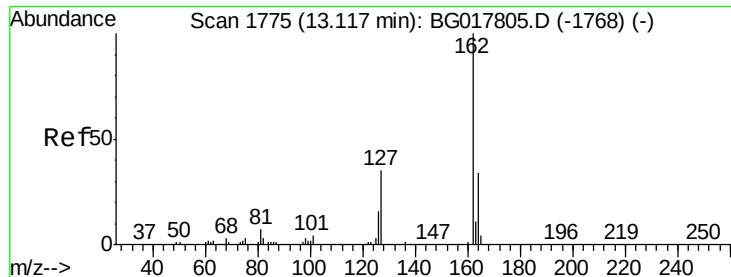
Tgt Ion:196 Resp: 670368  
 Ion Ratio Lower Upper  
 196 100  
 198 93.9 79.0 118.6  
 200 31.4 24.8 37.2



#40  
 1,1'-Biphenyl  
 Concen: 126.11 ng/ul  
 RT: 13.09 min Scan# 1770  
 Delta R.T. 0.01 min  
 Lab File: BG017808.D  
 Acq: 9 Jul 2015 14:53

Tgt Ion:154 Resp: 2118934  
 Ion Ratio Lower Upper  
 154 100  
 153 50.2 33.0 49.6#  
 76 19.5 11.9 17.9#

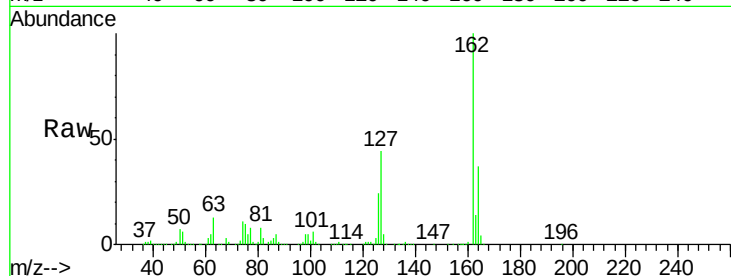




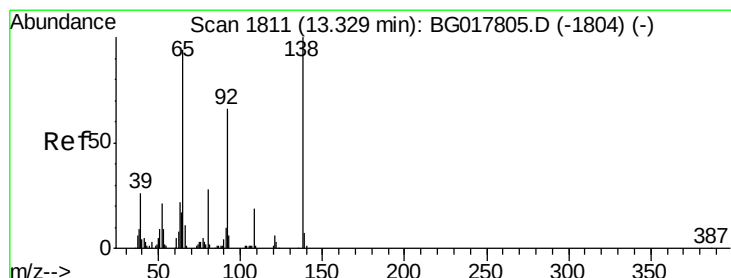
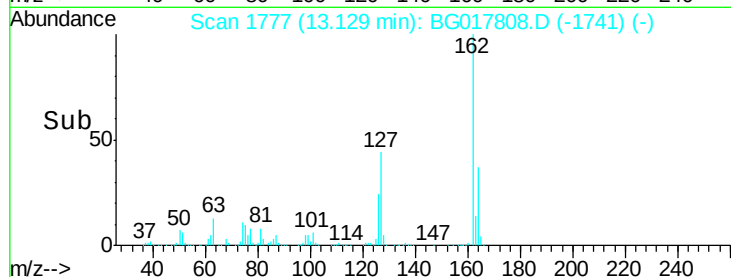
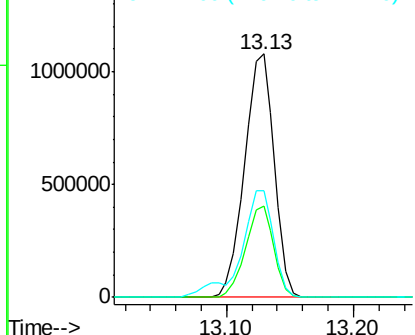
#41  
2-Chloronaphthalene  
Concen: 136.31 ng/ul  
RT: 13.13 min Scan# 1777  
Delta R.T. 0.01 min  
Lab File: BG017808.D  
Acq: 9 Jul 2015 14:53

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD16043

Tgt Ion:162 Resp: 1751361  
Ion Ratio Lower Upper  
162 100  
164 37.5 27.0 40.6  
127 43.8 31.5 47.3

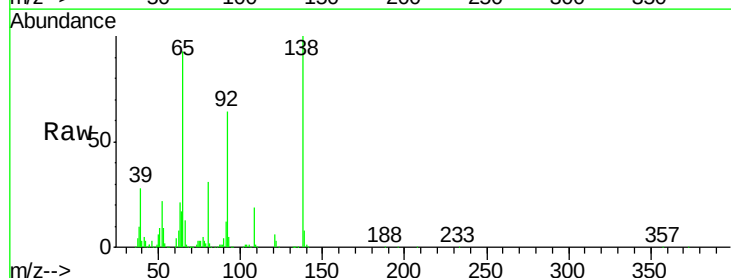


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 127.00 (126.70 to 127.70): E

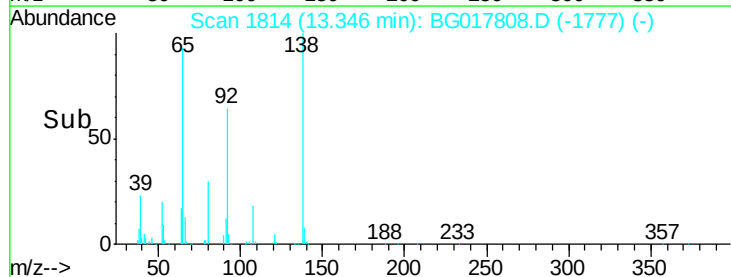
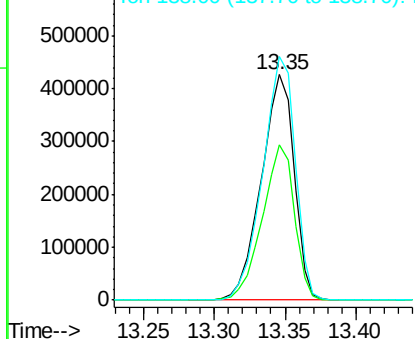


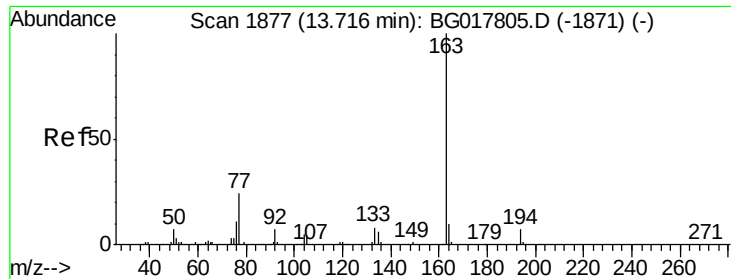
#42  
2-Nitroaniline  
Concen: 158.49 ng/ul  
RT: 13.35 min Scan# 1814  
Delta R.T. 0.02 min  
Lab File: BG017808.D  
Acq: 9 Jul 2015 14:53

Tgt Ion: 65 Resp: 700704  
Ion Ratio Lower Upper  
65 100  
92 69.2 55.8 83.6  
138 108.1 85.0 127.4



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

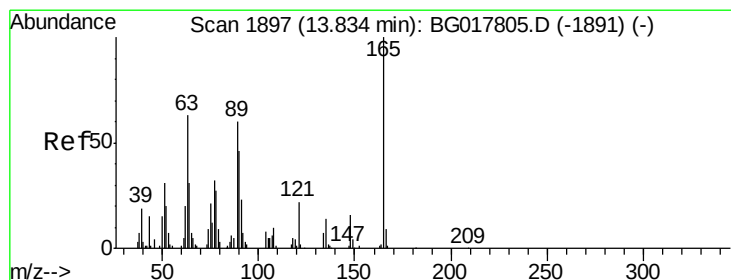
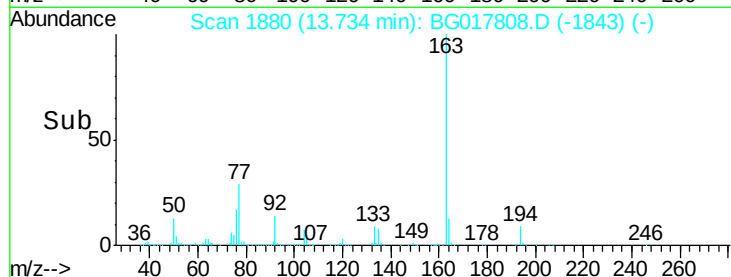
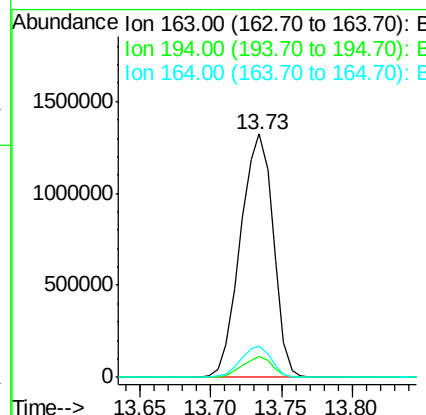
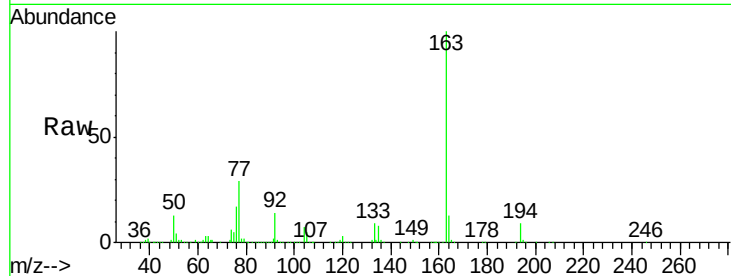




#44  
 Dimethylphthalate  
 Concen: 127.94 ng/ul  
 RT: 13.73 min Scan# 1880  
 Delta R.T. 0.02 min  
 Lab File: BG017808.D  
 Acq: 9 Jul 2015 14:53

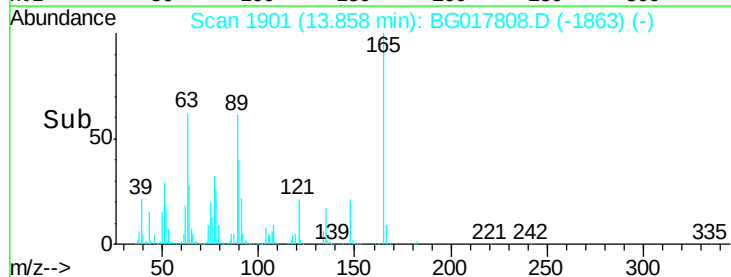
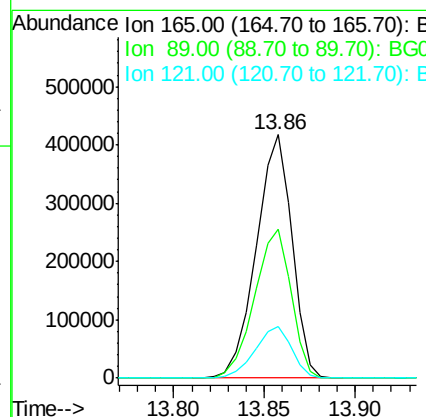
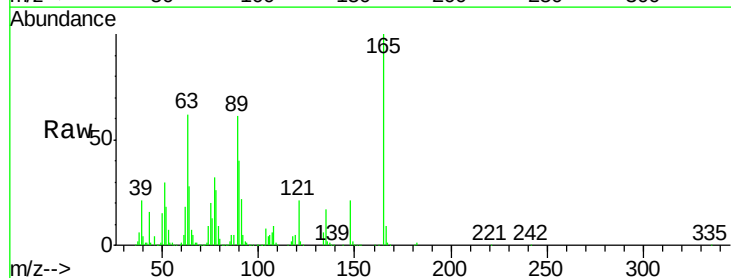
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD16043

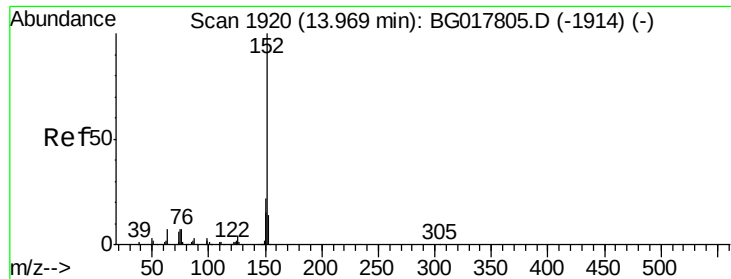
Tgt Ion:163 Resp: 2148246  
 Ion Ratio Lower Upper  
 163 100  
 194 8.6 5.3 7.9#  
 164 13.0 8.0 12.0#



#45  
 2,6-Dinitrotoluene  
 Concen: 168.63 ng/ul  
 RT: 13.86 min Scan# 1901  
 Delta R.T. 0.02 min  
 Lab File: BG017808.D  
 Acq: 9 Jul 2015 14:53

Tgt Ion:165 Resp: 571468  
 Ion Ratio Lower Upper  
 165 100  
 89 61.2 47.8 71.8  
 121 21.0 17.2 25.8





#47

Acenaphthylene

Concen: 116.16 ng/ul

RT: 13.98 min Scan# 1922

Delta R.T. 0.01 min

Lab File: BG017808.D

Acq: 9 Jul 2015 14:53

Instrument :

BNA\_G

ClientSampleId :

SSTD16043

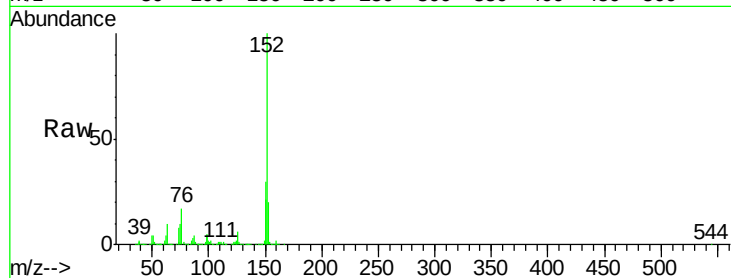
Tgt Ion:152 Resp: 2567508

Ion Ratio Lower Upper

152 100

151 29.7 17.3 25.9#

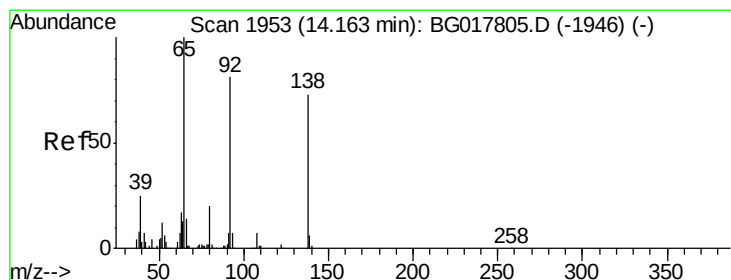
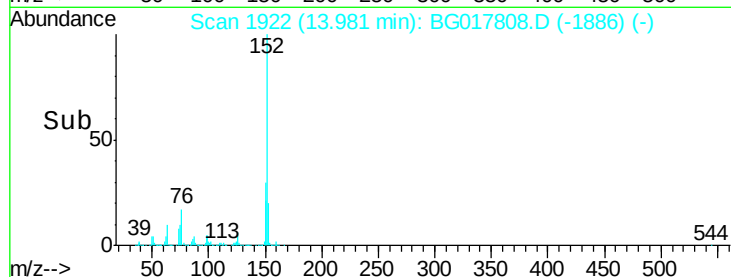
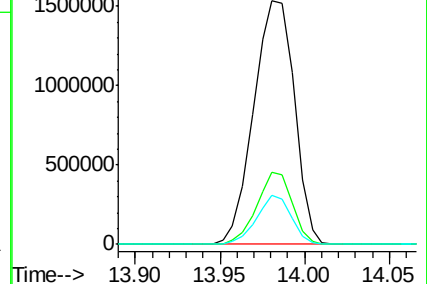
153 20.3 11.2 16.8#



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: 131.16 ng/ul

RT: 14.18 min Scan# 1956

Delta R.T. 0.02 min

Lab File: BG017808.D

Acq: 9 Jul 2015 14:53

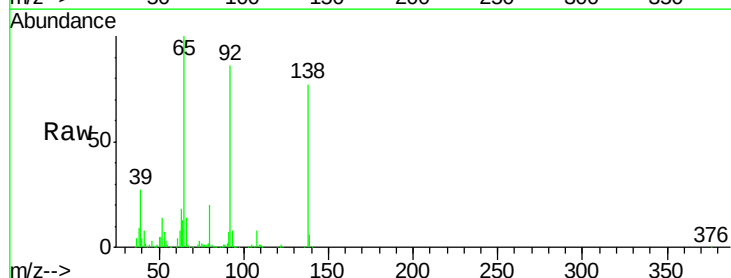
Tgt Ion:138 Resp: 510527

Ion Ratio Lower Upper

138 100

108 9.8 8.2 12.2

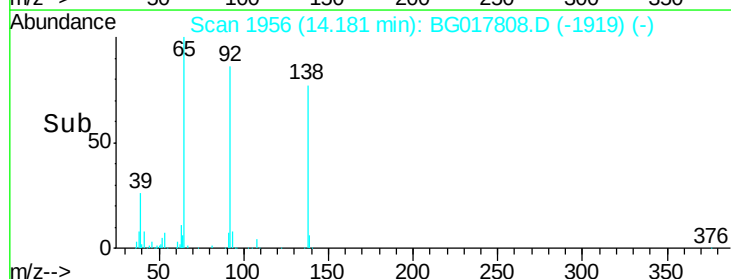
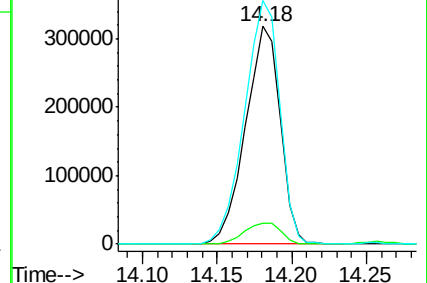
92 111.9 89.2 133.8

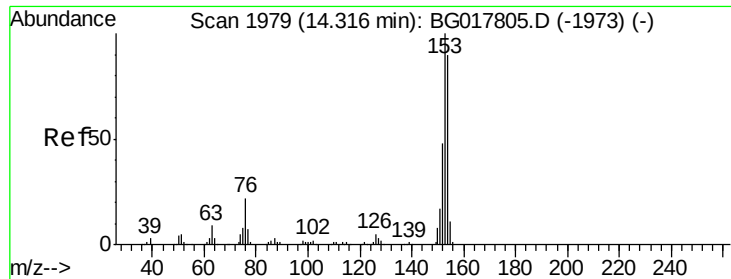


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#49

Acenaphthene

Concen: 128.03 ng/ul

RT: 14.33 min Scan# 1981

Delta R.T. 0.01 min

Lab File: BG017808.D

Acq: 9 Jul 2015 14:53

Instrument :

BNA\_G

ClientSampleId :

SSTD16043

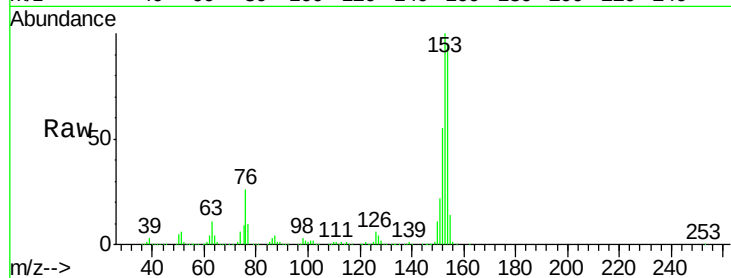
Tgt Ion:153 Resp: 1897047

Ion Ratio Lower Upper

153 100

152 54.8 38.6 57.8

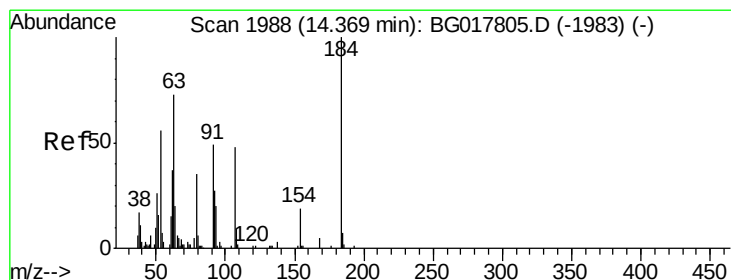
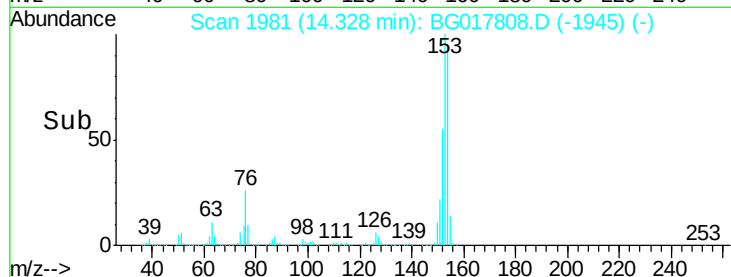
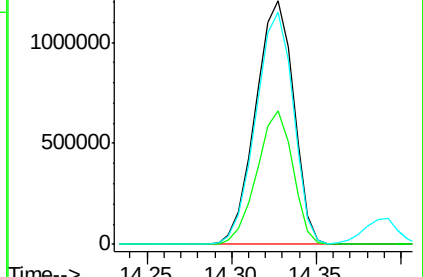
154 95.2 72.1 108.1



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: 254.27 ng/ul

RT: 14.39 min Scan# 1992

Delta R.T. 0.02 min

Lab File: BG017808.D

Acq: 9 Jul 2015 14:53

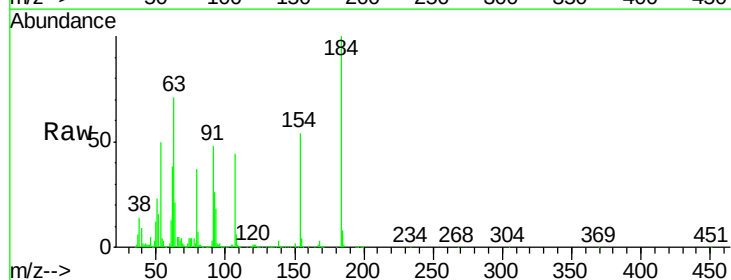
Tgt Ion:184 Resp: 350517

Ion Ratio Lower Upper

184 100

63 70.8 61.8 92.8

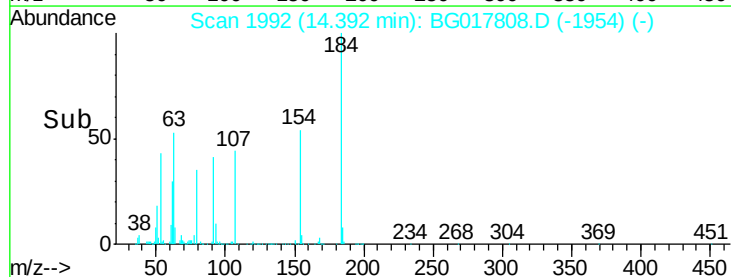
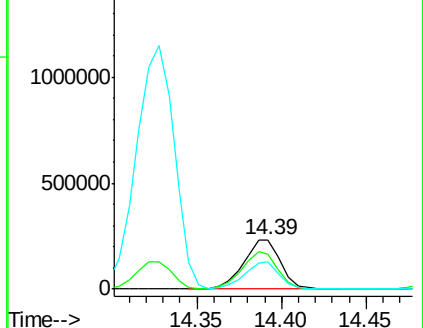
154 54.4 43.0 64.4

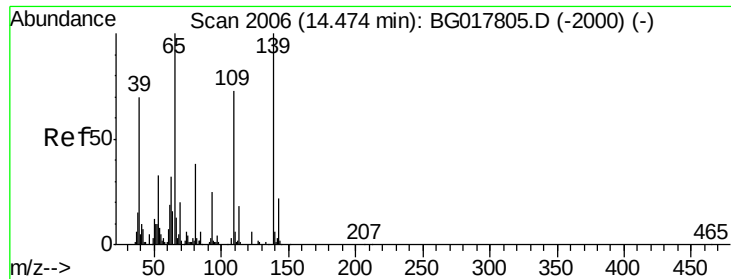


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG017808.D (-1954) (-)

Ion 154.00 (153.70 to 154.70): E

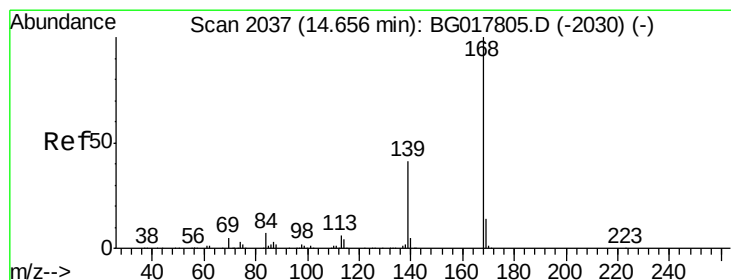
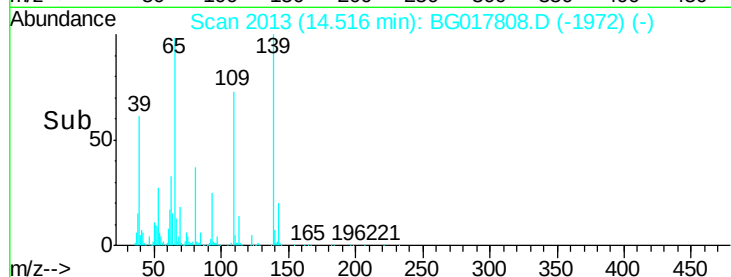
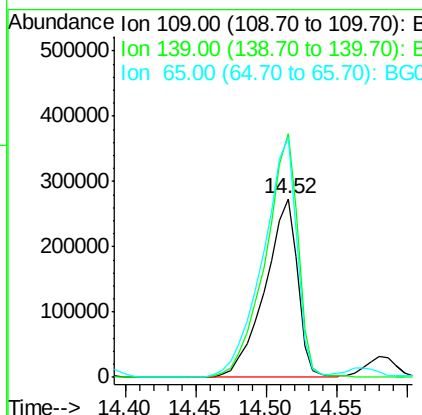
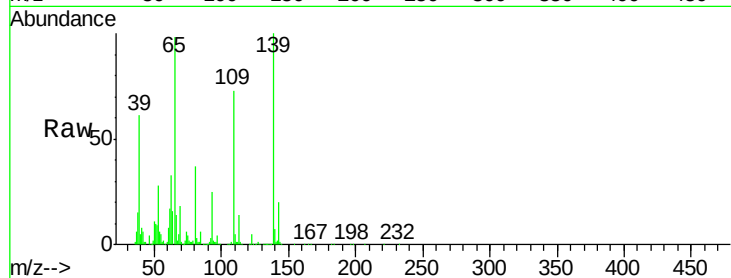




#52  
4-Nitrophenol  
Concen: 176.39 ng/ul  
RT: 14.52 min Scan# 2013  
Delta R.T. 0.04 min  
Lab File: BG017808.D  
Acq: 9 Jul 2015 14:53

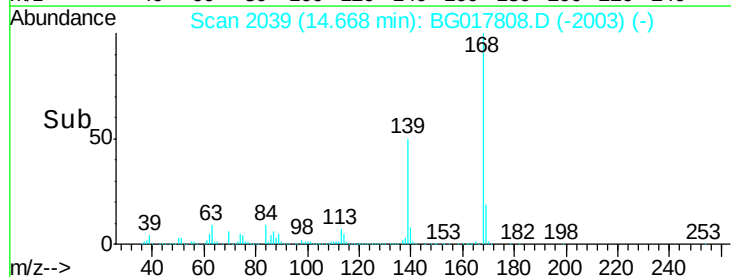
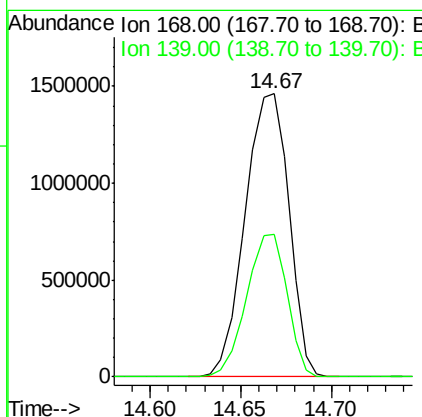
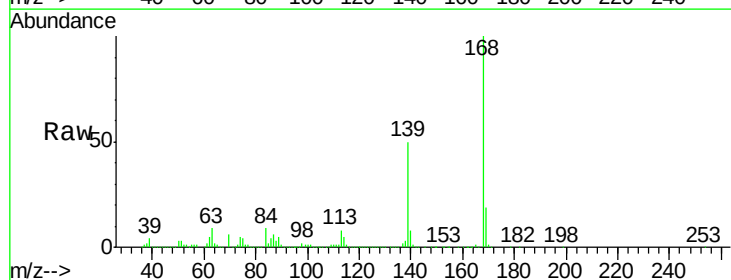
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD16043

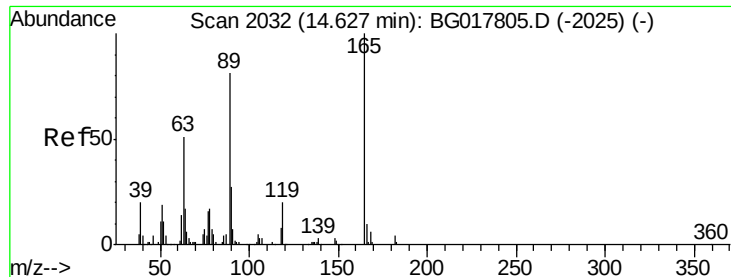
Tgt Ion:109 Resp: 442249  
Ion Ratio Lower Upper  
109 100  
139 136.4 109.0 163.6  
65 134.3 110.6 166.0



#53  
Dibenzofuran  
Concen: 122.48 ng/ul  
RT: 14.67 min Scan# 2039  
Delta R.T. 0.01 min  
Lab File: BG017808.D  
Acq: 9 Jul 2015 14:53

Tgt Ion:168 Resp: 2454235  
Ion Ratio Lower Upper  
168 100  
139 50.4 32.4 48.6#





#54

2,4-Dinitrotoluene

Concen: 169.67 ng/ul

RT: 14.64 min Scan# 2035

Delta R.T. 0.02 min

Lab File: BG017808.D

Acq: 9 Jul 2015 14:53

Instrument :

BNA\_G

ClientSampleId :

SSTD16043

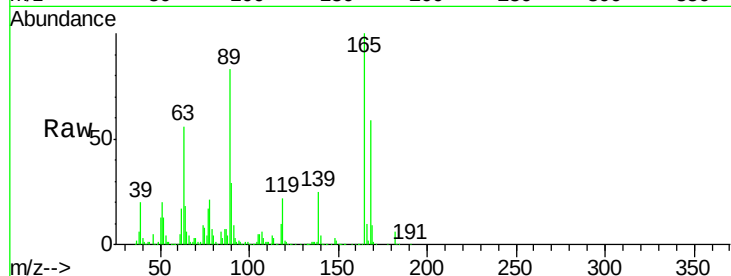
Tgt Ion:165 Resp: 810012

Ion Ratio Lower Upper

165 100

63 56.0 40.8 61.2

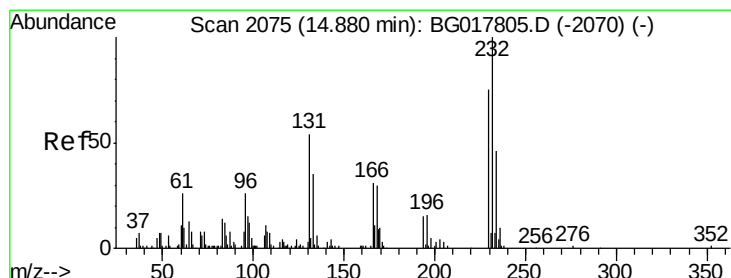
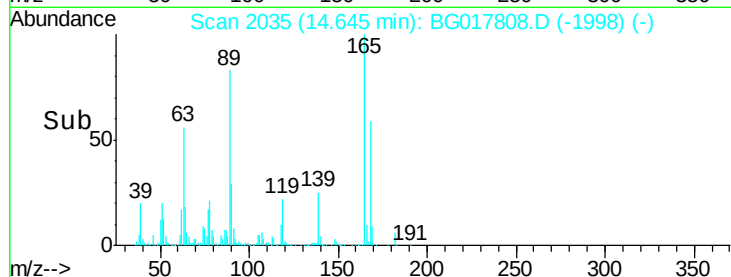
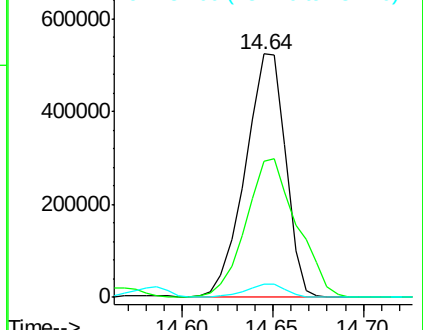
182 5.6 4.1 6.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 175.61 ng/ul

RT: 14.90 min Scan# 2078

Delta R.T. 0.02 min

Lab File: BG017808.D

Acq: 9 Jul 2015 14:53

Tgt Ion:232 Resp: 601080

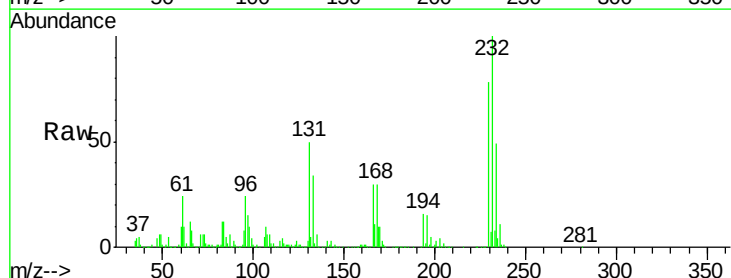
Ion Ratio Lower Upper

232 100

131 49.8 43.1 64.7

130 3.0 2.6 4.0

166 30.1 25.0 37.4

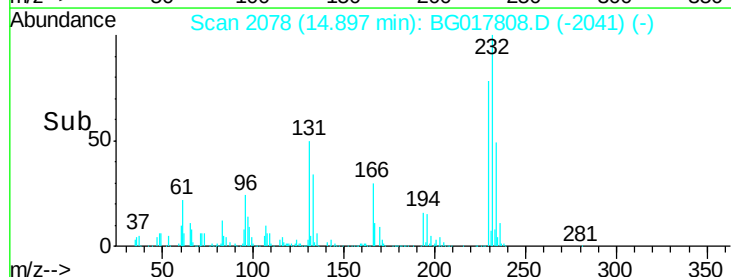
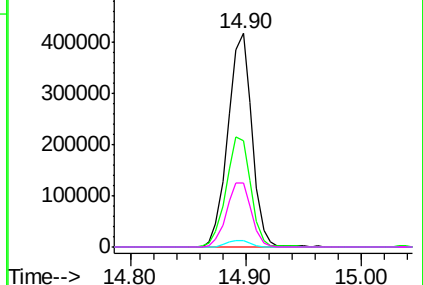


Abundance Ion 232.00 (231.70 to 232.70): E

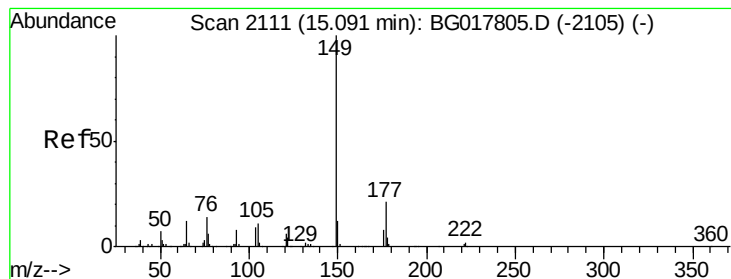
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E







#56

Diethylphthalate

Concen: 127.47 ng/ul

RT: 15.11 min Scan# 2114

Delta R.T. 0.02 min

Lab File: BG017808.D

Acq: 9 Jul 2015 14:53

Instrument :

BNA\_G

ClientSampleId :

SSTD16043

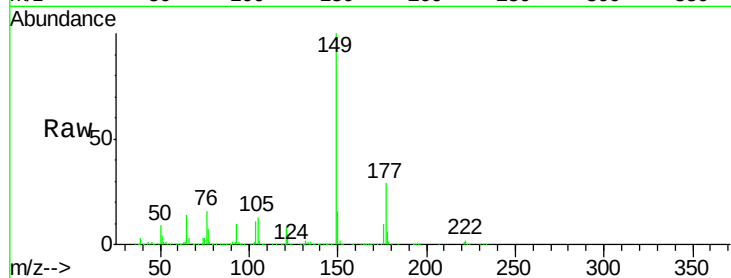
Tgt Ion:149 Resp: 2315319

Ion Ratio Lower Upper

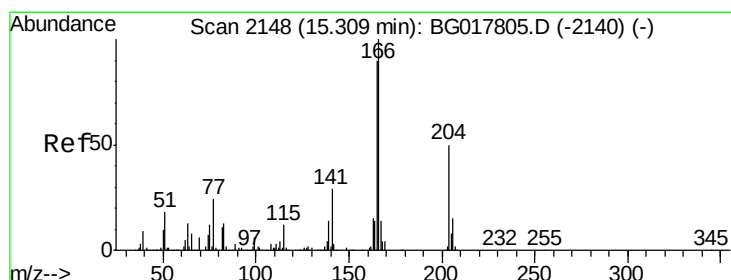
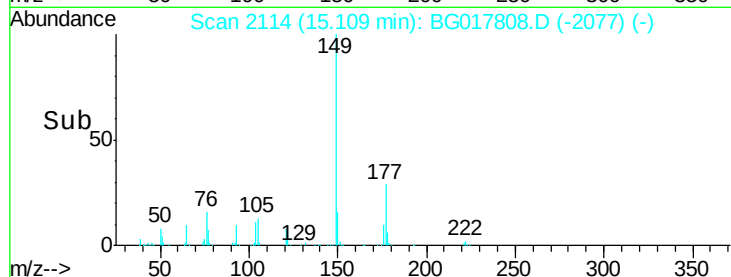
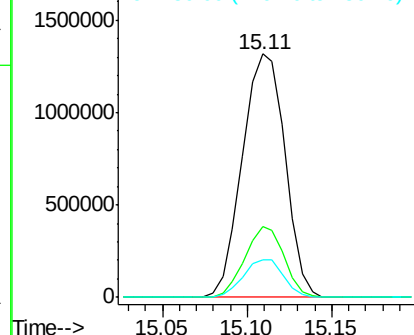
149 100

177 29.0 16.9 25.3#

150 15.6 10.0 15.0#



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: 124.51 ng/ul

RT: 15.32 min Scan# 2150

Delta R.T. 0.01 min

Lab File: BG017808.D

Acq: 9 Jul 2015 14:53

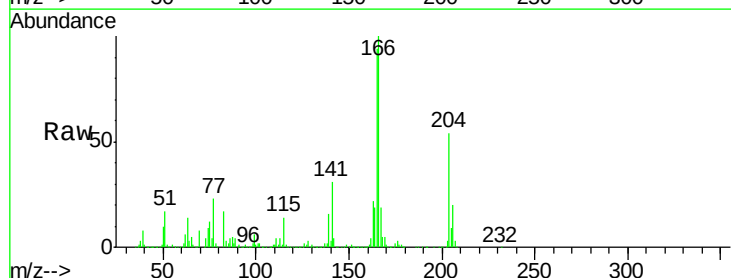
Tgt Ion:166 Resp: 2224415

Ion Ratio Lower Upper

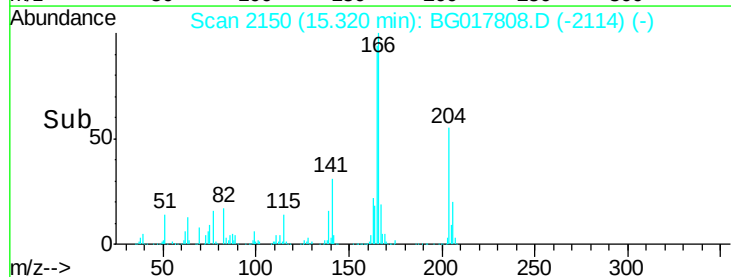
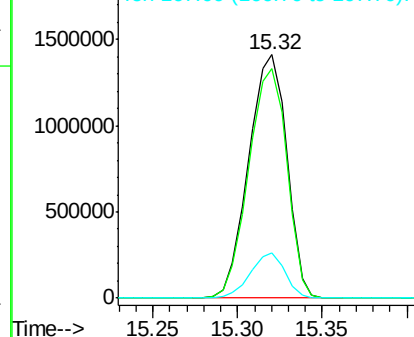
166 100

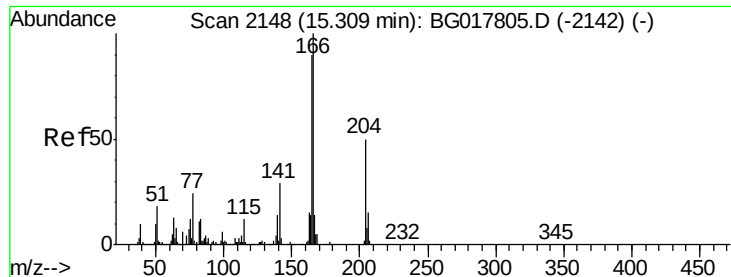
165 94.2 72.1 108.1

167 18.6 11.2 16.8#



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E

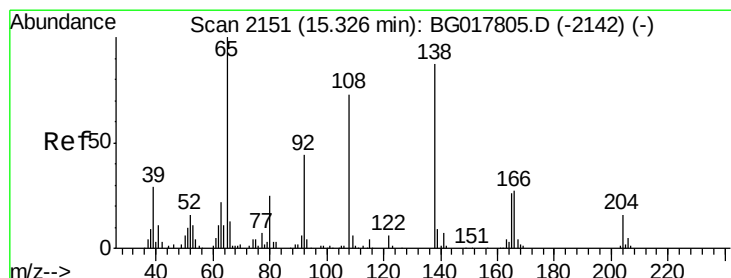
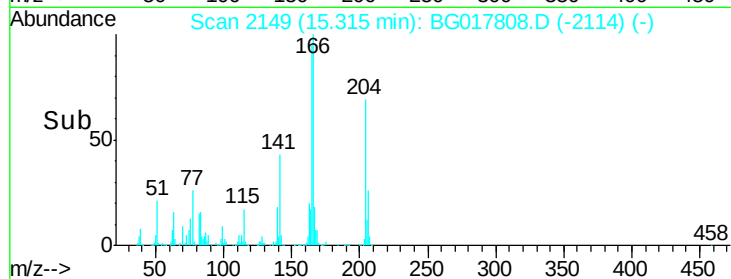
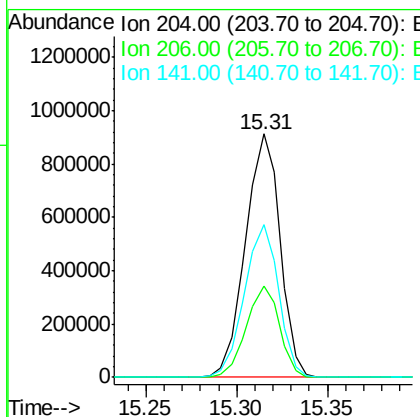
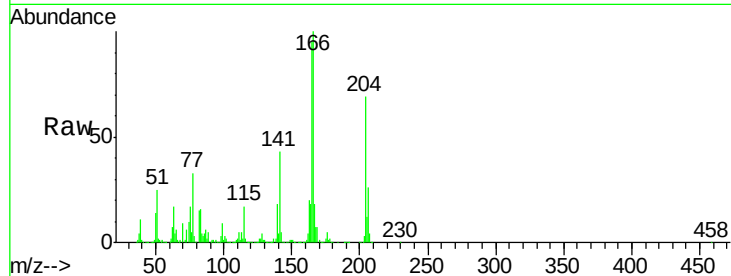




#59  
 4-Chlorophenyl-phenylether  
 Concen: 145.93 ng/ul  
 RT: 15.31 min Scan# 2149  
 Delta R.T. 0.01 min  
 Lab File: BG017808.D  
 Acq: 9 Jul 2015 14:53

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD16043

Tgt Ion:204 Resp: 1212831  
 Ion Ratio Lower Upper  
 204 100  
 206 37.7 23.8 35.8#  
 141 62.8 45.8 68.6



#60  
 4-Nitroaniline  
 Concen: 145.88 ng/ul  
 RT: 15.37 min Scan# 2158  
 Delta R.T. 0.04 min  
 Lab File: BG017808.D  
 Acq: 9 Jul 2015 14:53

Tgt Ion:138 Resp: 649417  
 Ion Ratio Lower Upper  
 138 100  
 92 51.2 40.7 61.1  
 108 78.9 67.0 100.6

