

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG011617\  
 Data File : BG025524.D  
 Acq On : 16 Jan 2017 20:29  
 Operator : UM/SJ  
 Sample : SSTDC0020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02004

Quant Time: Jan 17 00:24:09 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG010417MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jan 17 00:20:19 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.19  | 152  | 53067    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.02 | 136  | 221087   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.82 | 164  | 184110   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.57 | 188  | 428779   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.86 | 240  | 651253   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 25.25 | 264  | 707307   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.53  | 96  | 9067   | 9.27  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.35  | 99  | 85071  | 20.45 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.51  | 67  | 56587  | 20.97 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.72  | 132 | 64745  | 21.06 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.91  | 113 | 71789  | 20.82 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.37  | 128 | 31169  | 20.23 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.11 | 143 | 36585  | 19.89 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.65 | 165 | 70629  | 20.75 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.17 | 131 | 83793  | 21.44 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.21 | 166 | 244672 | 19.29 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.52 | 160 | 272824 | 19.55 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.06 | 143 | 31263  | 17.76 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.81 | 176 | 230157 | 19.46 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.95 | 200 | 47898  | 17.57 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.67 | 188 | 358452 | 19.70 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.94 | 212 | 501634 | 19.94 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 25.02 | 264 | 586397 | 20.05 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |              | Qvalue |
|--------------------------------|-------|-----|--------|--------------|--------|
| 2) 1,4-Dioxane                 | 3.57  | 88  | 9323   | 7.63 ng/uL#  | 45     |
| 4) Benzaldehyde                | 7.33  | 77  | 66926  | 23.15 ng/ul# | 73     |
| 6) Phenol                      | 7.38  | 94  | 89034  | 20.48 ng/ul# | 79     |
| 8) Bis(2-Chloroethyl)ether     | 7.60  | 93  | 67383  | 20.74 ng/ul# | 66     |
| 10) 2-Chlorophenol             | 7.76  | 128 | 62590  | 20.16 ng/ul# | 83     |
| 11) 2-Methylphenol             | 8.64  | 108 | 68355  | 21.38 ng/ul  | 91     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.72  | 45  | 131045 | 22.17 ng/ul# | 85     |
| 14) Acetophenone               | 9.03  | 105 | 113152 | 21.18 ng/ul# | 82     |
| 15) N-Nitroso-di-n-propylamine | 9.00  | 70  | 68178  | 21.04 ng/ul# | 66     |
| 16) 4-Methylphenol             | 8.97  | 108 | 69508  | 19.68 ng/ul  | 91     |
| 17) Hexachloroethane           | 9.27  | 117 | 31152  | 21.21 ng/ul  | 93     |
| 20) Nitrobenzene               | 9.43  | 77  | 99231  | 20.20 ng/ul# | 75     |
| 21) Isophorone                 | 9.93  | 82  | 174959 | 19.95 ng/ul# | 94     |
| 23) 2-Nitrophenol              | 10.14 | 139 | 38755  | 19.88 ng/ul# | 37     |
| 24) 2,4-Dimethylphenol         | 10.18 | 107 | 90564  | 20.80 ng/ul# | 74     |
| 25) Bis(2-Chloroethoxy)methane | 10.41 | 93  | 90507  | 19.78 ng/ul# | 94     |
| 27) 2,4-Dichlorophenol         | 10.68 | 162 | 68027  | 19.80 ng/ul# | 86     |
| 28) Naphthalene                | 11.07 | 128 | 201393 | 19.96 ng/ul  | 99     |
| 30) 4-Chloroaniline            | 11.19 | 127 | 83025  | 21.32 ng/ul  | 92     |
| 31) Hexachlorobutadiene        | 11.33 | 225 | 67578  | 20.22 ng/ul# | 86     |
| 33) 4-Chloro-3-methylphenol    | 12.31 | 107 | 82331  | 20.81 ng/ul  | 85     |
| 34) 2-Methylnaphthalene        | 12.66 | 142 | 159151 | 20.33 ng/ul  | 96     |
| 36) 1,2,4,5-Tetrachlorobenzene | 13.03 | 216 | 118140 | 19.34 ng/ul# | 94     |

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 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

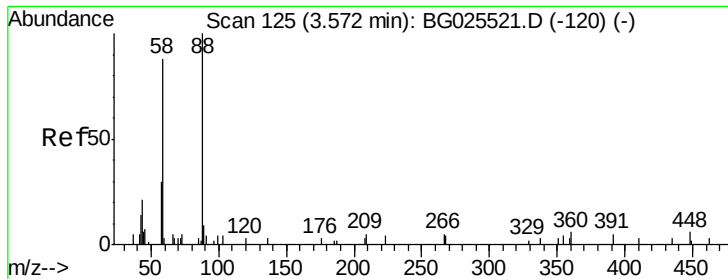
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02004

Quant Time: Jan 17 00:24:09 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG010417MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jan 17 00:20:19 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 37) Hexachlorocyclopentadiene  | 12.99 | 237  | 48851    | 20.28 | ng/ul  | 95       |
| 38) 2,4,6-Trichlorophenol      | 13.27 | 196  | 61272    | 18.17 | ng/ul  | 93       |
| 39) 2,4,5-Trichlorophenol      | 13.36 | 196  | 62164    | 17.04 | ng/ul  | 95       |
| 40) 1,1'-Biphenyl              | 13.66 | 154  | 221728   | 19.25 | ng/ul  | 98       |
| 41) 2-Chloronaphthalene        | 13.71 | 162  | 177246   | 19.30 | ng/ul  | 93       |
| 42) 2-Nitroaniline             | 13.93 | 65   | 71019    | 20.05 | ng/ul# | 68       |
| 44) Dimethylphthalate          | 14.26 | 163  | 238913   | 19.44 | ng/ul# | 97       |
| 45) 2,6-Dinitrotoluene         | 14.41 | 165  | 48046    | 18.78 | ng/ul  | 89       |
| 47) Acenaphthylene             | 14.55 | 152  | 267157   | 19.89 | ng/ul  | 98       |
| 48) 3-Nitroaniline             | 14.75 | 138  | 42274    | 19.38 | ng/ul# | 68       |
| 49) Acenaphthene               | 14.88 | 153  | 188350   | 19.88 | ng/ul  | 93       |
| 50) 2,4-Dinitrophenol          | 14.98 | 184  | 22938    | 16.44 | ng/ul# | 83       |
| 52) 4-Nitrophenol              | 15.07 | 109  | 37599    | 16.10 | ng/ul# | 72       |
| 53) Dibenzofuran               | 15.22 | 168  | 289186   | 19.74 | ng/ul  | 96       |
| 54) 2,4-Dinitrotoluene         | 15.20 | 165  | 74889    | 19.61 | ng/ul# | 71       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.45 | 232  | 73151    | 19.39 | ng/ul# | 80       |
| 56) Diethylphthalate           | 15.61 | 149  | 258158   | 20.03 | ng/ul  | 98       |
| 58) Fluorene                   | 15.87 | 166  | 227880   | 19.22 | ng/ul  | 93       |
| 59) 4-Chlorophenyl-phenylether | 15.85 | 204  | 128261   | 18.87 | ng/ul  | 92       |
| 60) 4-Nitroaniline             | 15.91 | 138  | 42557    | 19.58 | ng/ul# | 57       |
| 63) 4,6-Dinitro-2-methylphenol | 15.97 | 198  | 50105    | 18.01 | ng/ul# | 81       |
| 64) N-Nitrosodiphenylamine     | 16.07 | 169  | 214481   | 19.51 | ng/ul  | 99       |
| 65) 4-Bromophenyl-phenylether  | 16.74 | 248  | 91741    | 18.35 | ng/ul# | 85       |
| 66) Hexachlorobenzene          | 16.87 | 284  | 115051   | 19.79 | ng/ul# | 86       |
| 67) Atrazine                   | 17.00 | 200  | 100932   | 19.45 | ng/ul# | 93       |
| 68) Pentachlorophenol          | 17.28 | 266  | 2947     | 1.16  | ng/ul  | 90       |
| 69) Phenanthrene               | 17.61 | 178  | 408553   | 19.64 | ng/ul  | 99       |
| 71) Anthracene                 | 17.70 | 178  | 423760   | 20.18 | ng/ul  | 98       |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.63 | 216  | 114470   | 19.10 | ng/uL  | 93       |
| 73) Pentachlorobenzene         | 15.14 | 250  | 117796   | 18.86 | ng/uL  | 99       |
| 74) Carbazole                  | 17.98 | 167  | 366688   | 20.94 | ng/ul  | 99       |
| 75) Di-n-butylphthalate        | 18.49 | 149  | 450687   | 19.88 | ng/ul# | 96       |
| 76) Fluoranthene               | 19.61 | 202  | 571427   | 22.03 | ng/ul# | 90       |
| 79) Pyrene                     | 19.97 | 202  | 587307   | 19.89 | ng/ul# | 88       |
| 80) Butylbenzylphthalate       | 20.82 | 149  | 243696   | 20.26 | ng/ul# | 82       |
| 81) 3,3'-Dichlorobenzidine     | 21.74 | 252  | 267756   | 22.00 | ng/ul# | 97       |
| 82) Benzo(a)anthracene         | 21.84 | 228  | 701028   | 20.81 | ng/ul  | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 21.68 | 149  | 354283   | 20.45 | ng/ul# | 98       |
| 84) Chrysene                   | 21.91 | 228  | 657779   | 20.63 | ng/ul  | 99       |
| 86) Di-n-octyl phthalate       | 22.93 | 149  | 619713   | 21.07 | ng/ul# | 88       |
| 87) Benzo(b)fluoranthene       | 24.16 | 252  | 712233   | 20.28 | ng/ul# | 93       |
| 88) Benzo(k)fluoranthene       | 24.23 | 252  | 686174   | 20.30 | ng/ul# | 94       |
| 90) Benzo(a)pyrene             | 25.09 | 252  | 695945   | 20.47 | ng/ul# | 92       |
| 91) Indeno(1,2,3-cd)pyrene     | 29.16 | 276  | 401826   | 9.35  | ng/ul# | 80       |
| 92) Dibenzo(a,h)anthracene     | 29.21 | 278  | 729470   | 20.22 | ng/ul# | 92       |
| 93) Benzo(g,h,i)perylene       | 30.38 | 276  | 385392   | 10.81 | ng/ul# | 82       |

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





#2

1,4-Dioxane

Concen: 7.63 ng/uL

RT: 3.57 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG025524.D

Acq: 16 Jan 2017 20:29

Instrument :

BNA\_G

ClientSampleId :

SSTD02004

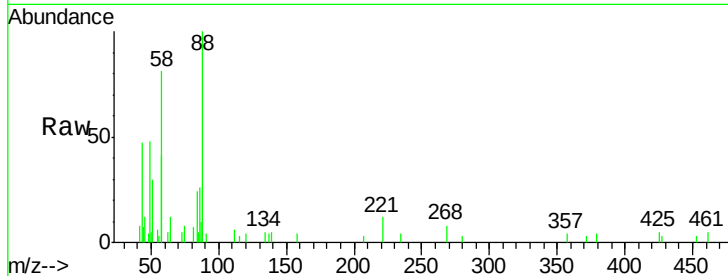
Tgt Ion: 88 Resp: 9323

Ion Ratio Lower Upper

88 100

43 26.1 21.0 31.6

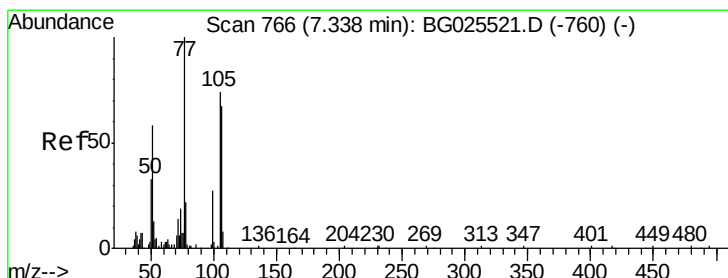
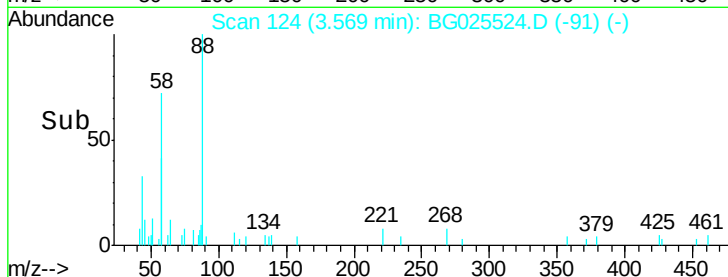
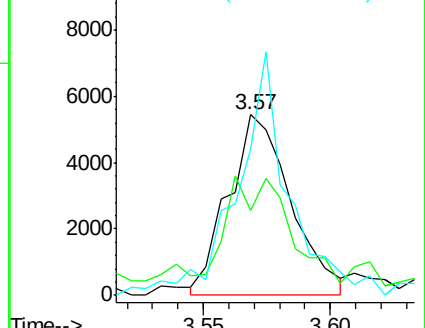
58 0.0 47.8 71.8#



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: 23.15 ng/uL

RT: 7.33 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG025524.D

Acq: 16 Jan 2017 20:29

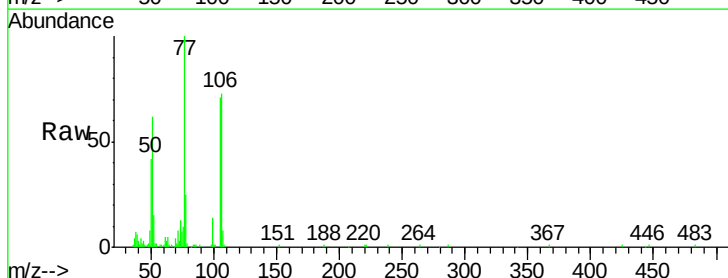
Tgt Ion: 77 Resp: 66926

Ion Ratio Lower Upper

77 100

105 71.1 80.6 120.8#

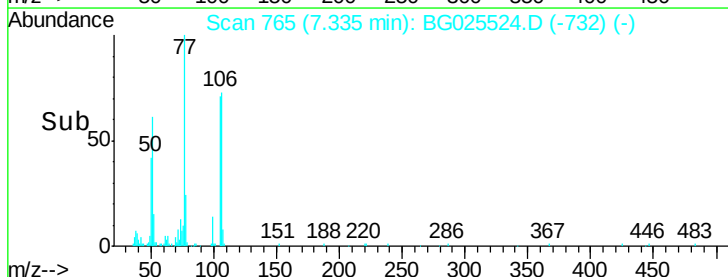
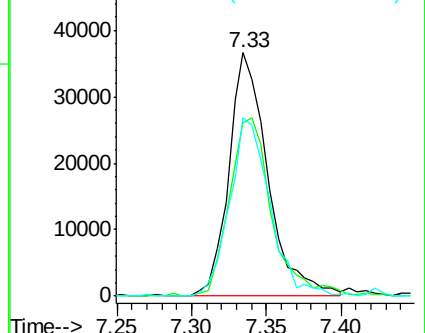
106 73.3 77.7 116.5#

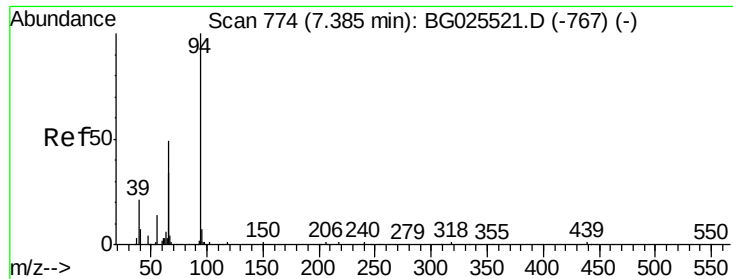


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#6

Phenol

Concen: 20.48 ng/ul

RT: 7.38 min Scan# 773

Delta R.T. -0.00 min

Lab File: BG025524.D

Acq: 16 Jan 2017 20:29

Instrument :

BNA\_G

ClientSampleId :

SSTD02004

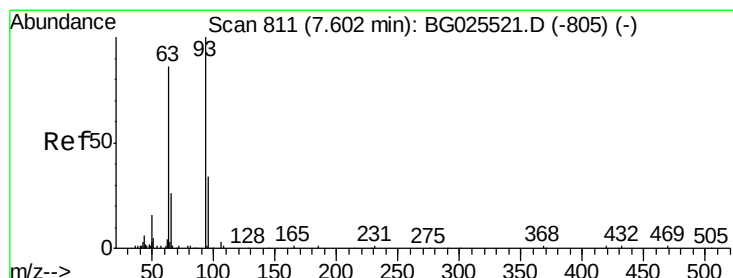
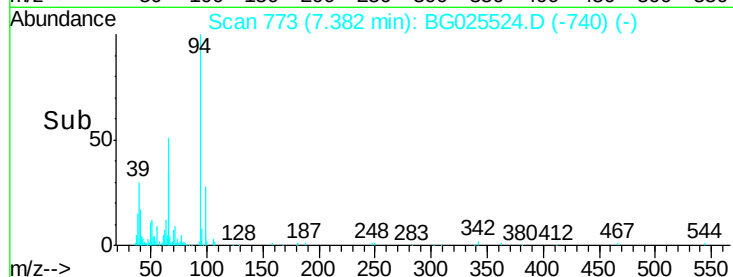
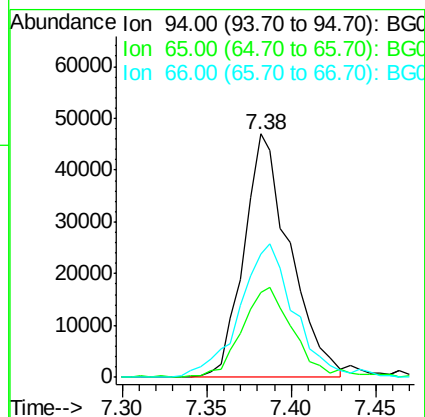
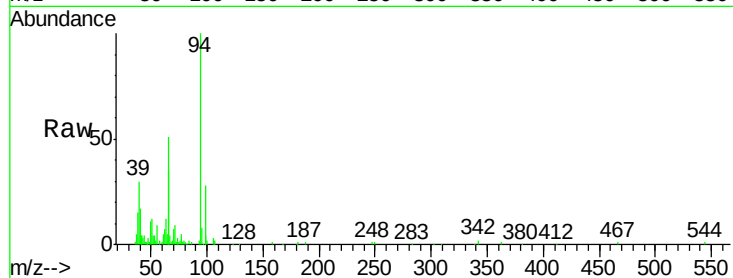
Tgt Ion: 94 Resp: 89034

Ion Ratio Lower Upper

94 100

65 34.7 21.0 31.6#

66 50.7 29.3 43.9#



#8

Bis(2-Chloroethyl)ether

Concen: 20.74 ng/ul

RT: 7.60 min Scan# 811

Delta R.T. 0.00 min

Lab File: BG025524.D

Acq: 16 Jan 2017 20:29

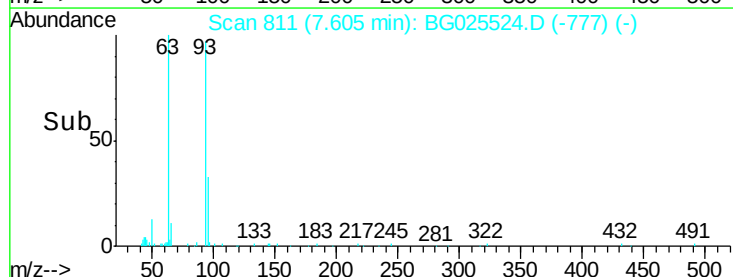
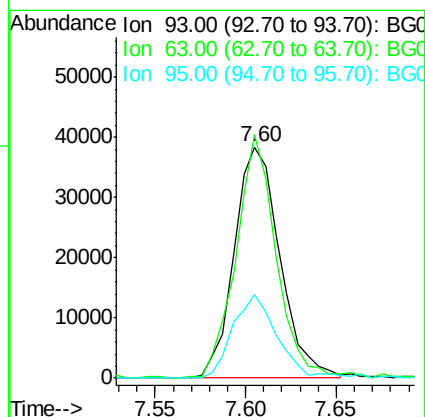
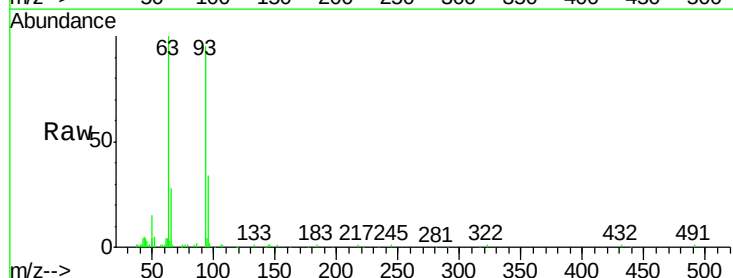
Tgt Ion: 93 Resp: 67383

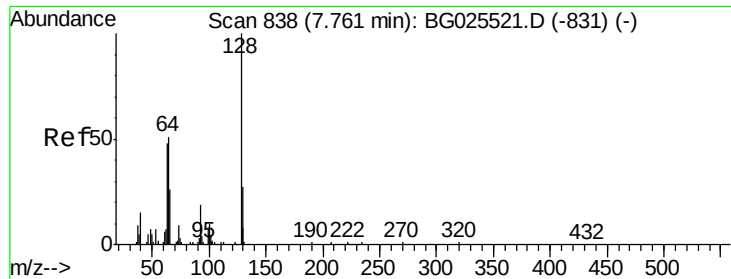
Ion Ratio Lower Upper

93 100

63 105.3 53.5 80.3#

95 35.9 26.2 39.2

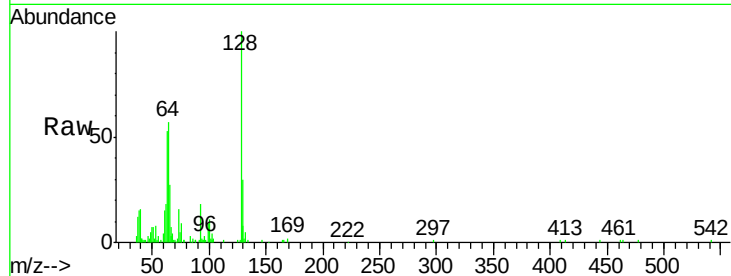




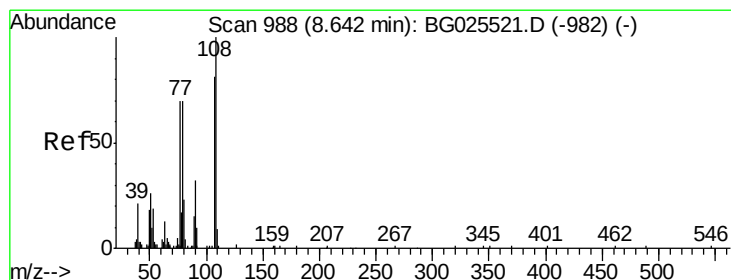
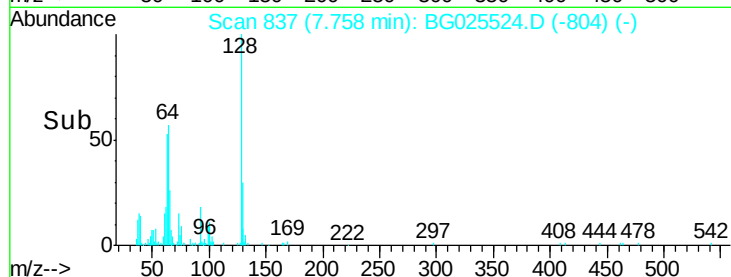
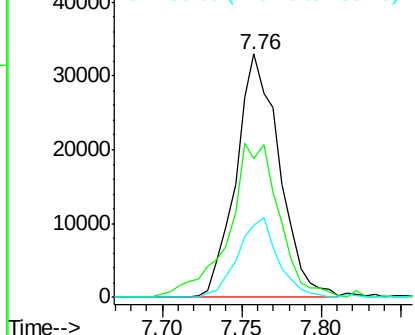
#10  
2-Chlorophenol  
Concen: 20.16 ng/ul  
RT: 7.76 min Scan# 837  
Delta R.T. -0.00 min  
Lab File: BG025524.D  
Acq: 16 Jan 2017 20:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02004

Tgt Ion:128 Resp: 62590  
Ion Ratio Lower Upper  
128 100  
64 56.8 31.9 47.9#  
130 29.7 25.6 38.4

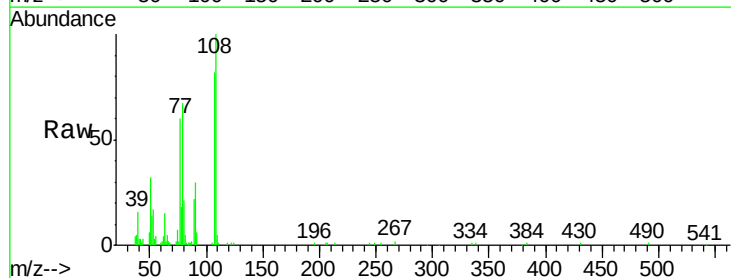


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 64.00 (63.70 to 64.70): BG  
Ion 130.00 (129.70 to 130.70): E

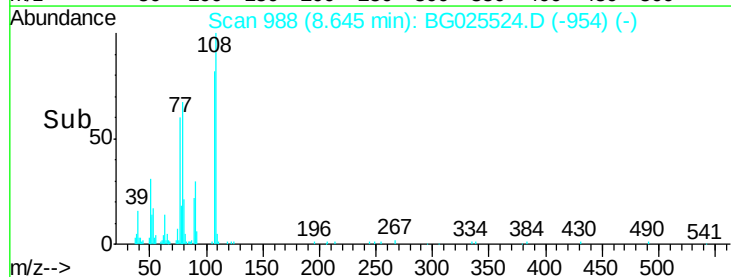
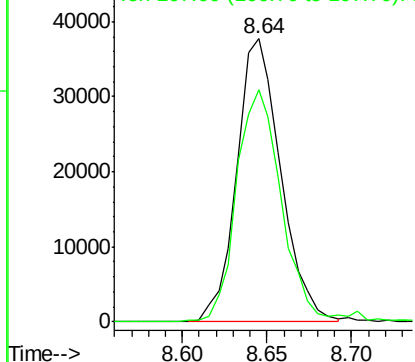


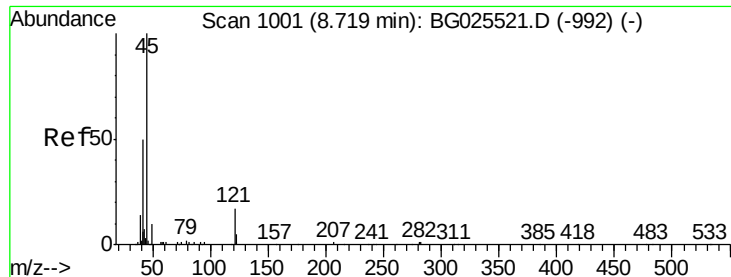
#11  
2-Methylphenol  
Concen: 21.38 ng/ul  
RT: 8.64 min Scan# 988  
Delta R.T. 0.00 min  
Lab File: BG025524.D  
Acq: 16 Jan 2017 20:29

Tgt Ion:108 Resp: 68355  
Ion Ratio Lower Upper  
108 100  
107 81.9 72.4 108.6



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

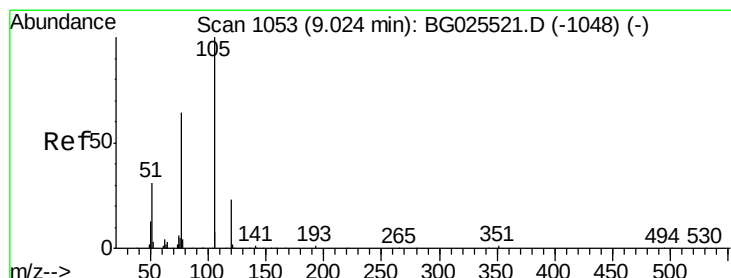
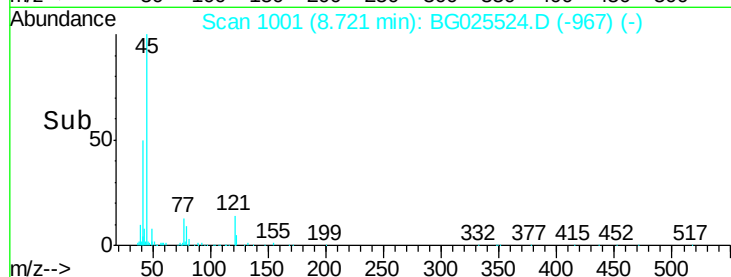
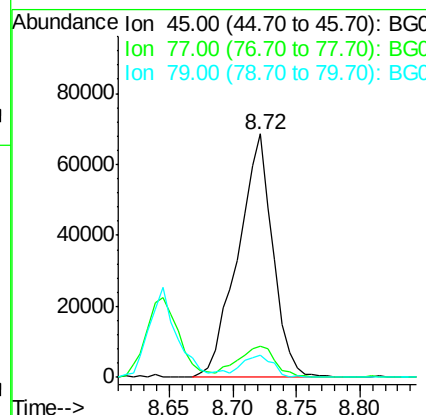
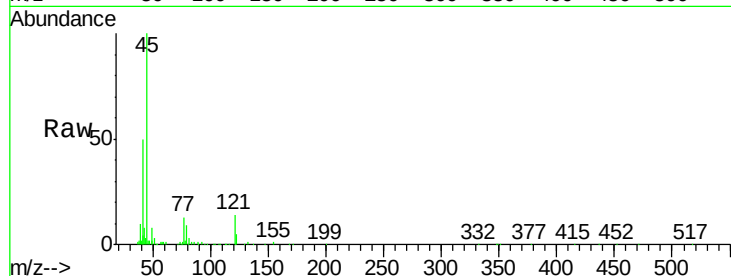




#12  
2,2'-oxybis(1-chloropropane)  
Concen: 22.17 ng/ul  
RT: 8.72 min Scan# 1001  
Delta R.T. 0.00 min  
Lab File: BG025524.D  
Acq: 16 Jan 2017 20:29

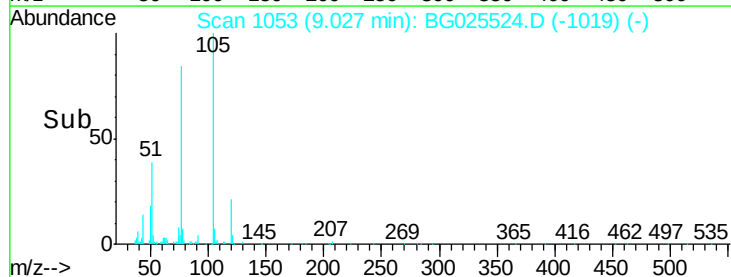
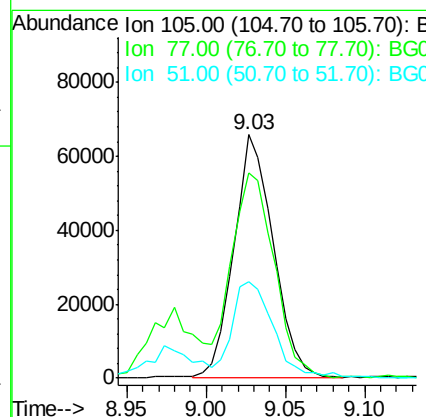
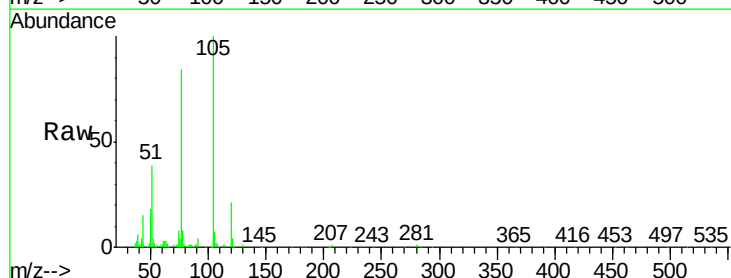
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02004

Tgt Ion: 45 Resp: 131045  
Ion Ratio Lower Upper  
45 100  
77 12.7 15.9 23.9#  
79 9.4 12.5 18.7#

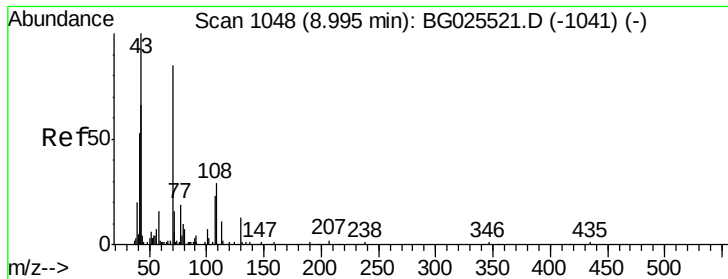


#14  
Acetophenone  
Concen: 21.18 ng/ul  
RT: 9.03 min Scan# 1053  
Delta R.T. 0.00 min  
Lab File: BG025524.D  
Acq: 16 Jan 2017 20:29

Tgt Ion: 105 Resp: 113152  
Ion Ratio Lower Upper  
105 100  
77 84.0 59.0 88.4  
51 39.4 16.4 24.6#



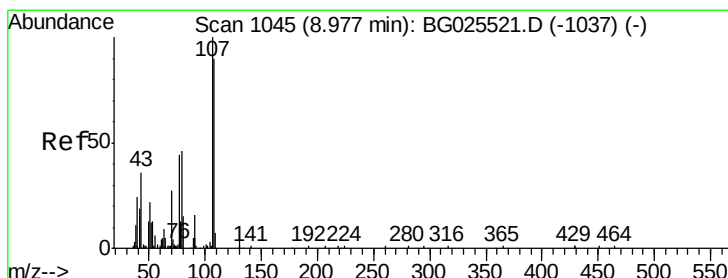
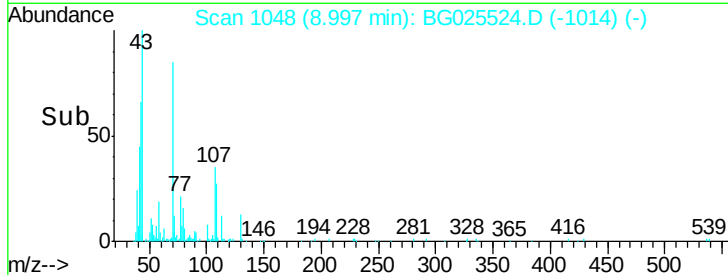
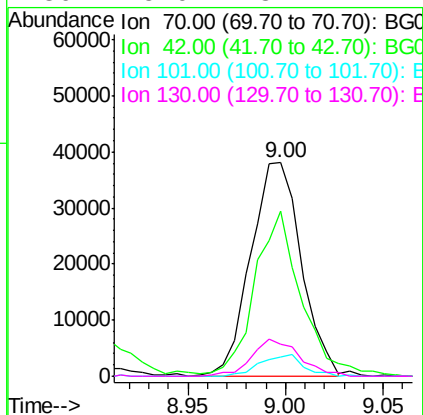
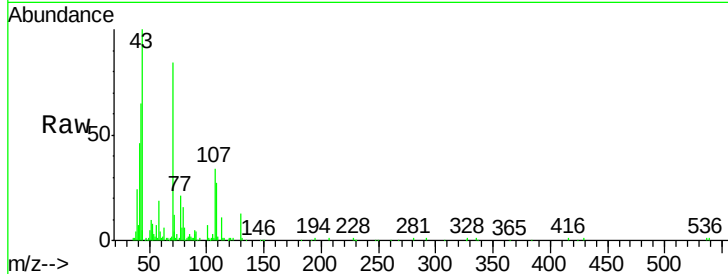




#15  
N-Nitroso-di-n-propylamine  
Concen: 21.04 ng/ul  
RT: 9.00 min Scan# 1048  
Delta R.T. 0.00 min  
Lab File: BG025524.D  
Acq: 16 Jan 2017 20:29

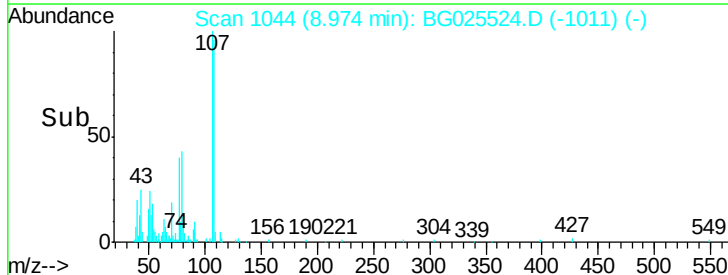
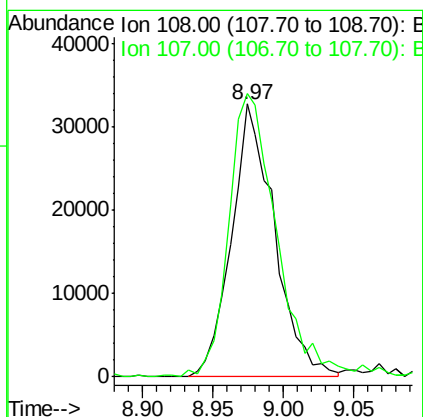
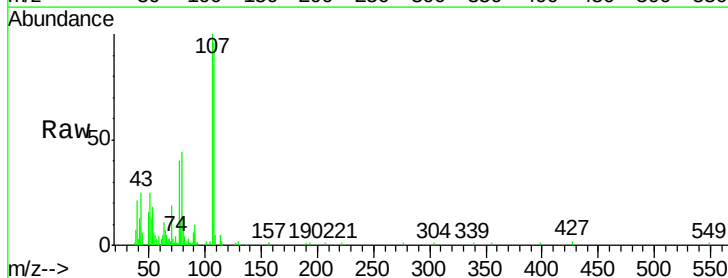
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02004

Tgt Ion: 70 Resp: 68178  
Ion Ratio Lower Upper  
70 100  
42 77.3 35.4 53.0#  
101 8.9 8.4 12.6  
130 15.0 18.2 27.4#

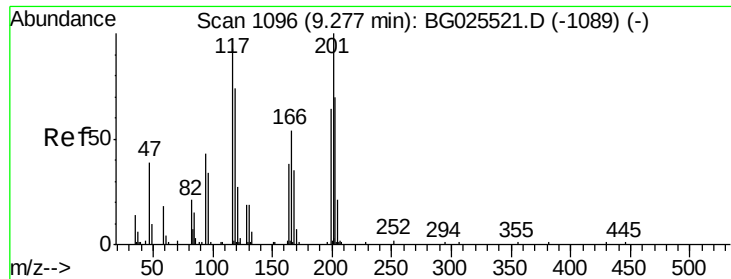


#16  
4-Methylphenol  
Concen: 19.68 ng/ul  
RT: 8.97 min Scan# 1044  
Delta R.T. -0.00 min  
Lab File: BG025524.D  
Acq: 16 Jan 2017 20:29

Tgt Ion: 108 Resp: 69508  
Ion Ratio Lower Upper  
108 100  
107 103.7 90.3 135.5







#17

Hexachloroethane

Concen: 21.21 ng/ul

RT: 9.27 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BG025524.D

Acq: 16 Jan 2017 20:29

Instrument :

BNA\_G

ClientSampleId :

SSTD02004

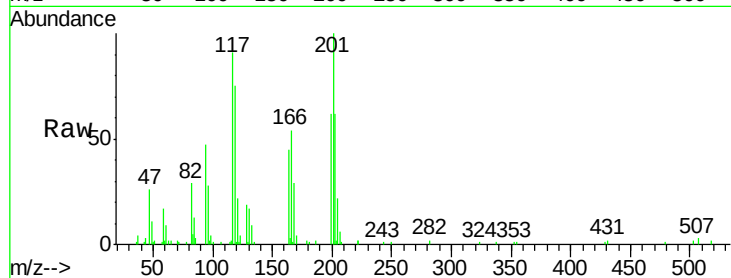
Tgt Ion:117 Resp: 31152

Ion Ratio Lower Upper

117 100

201 109.3 81.5 122.3

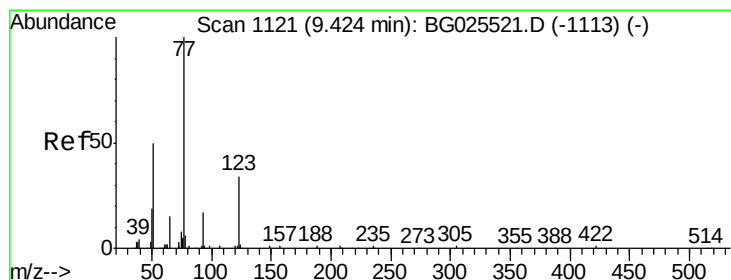
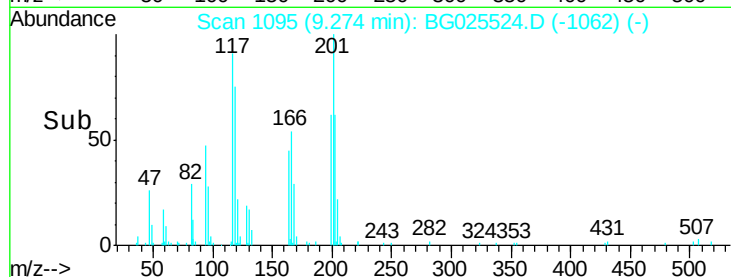
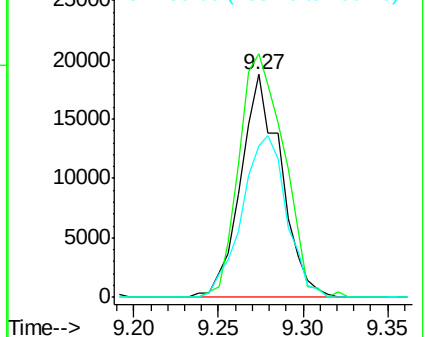
199 68.1 50.6 76.0



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 20.20 ng/ul

RT: 9.43 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BG025524.D

Acq: 16 Jan 2017 20:29

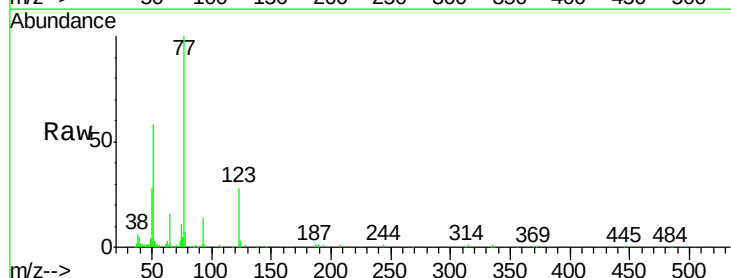
Tgt Ion: 77 Resp: 99231

Ion Ratio Lower Upper

77 100

123 28.4 39.0 58.4#

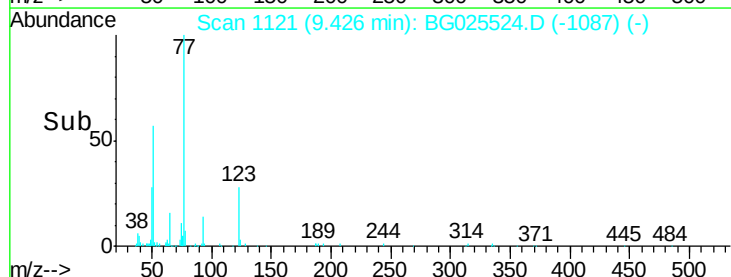
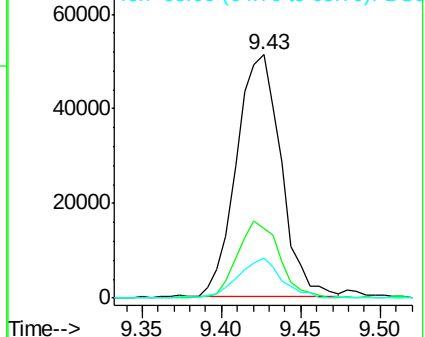
65 16.5 10.4 15.6#

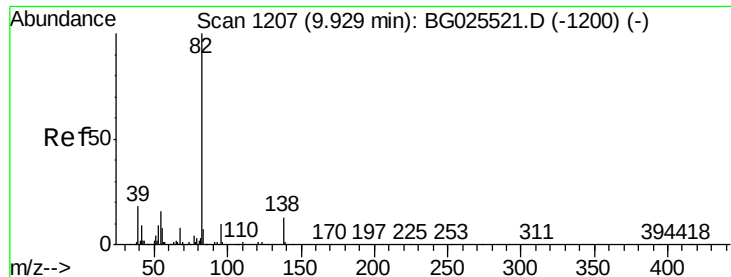


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BGC





#21

Isophorone

Concen: 19.95 ng/ul

RT: 9.93 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BG025524.D

Acq: 16 Jan 2017 20:29

Instrument :

BNA\_G

ClientSampleId :

SSTD02004

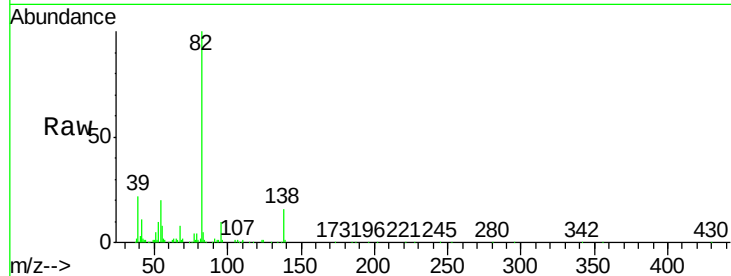
Tgt Ion: 82 Resp: 174959

Ion Ratio Lower Upper

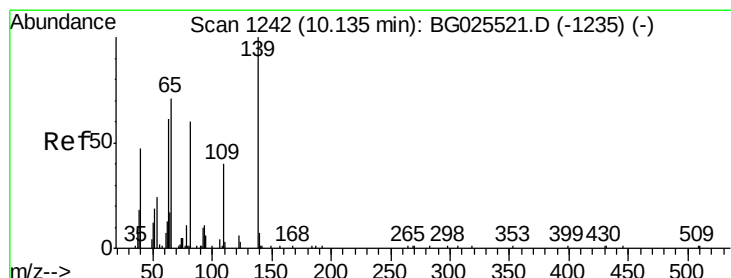
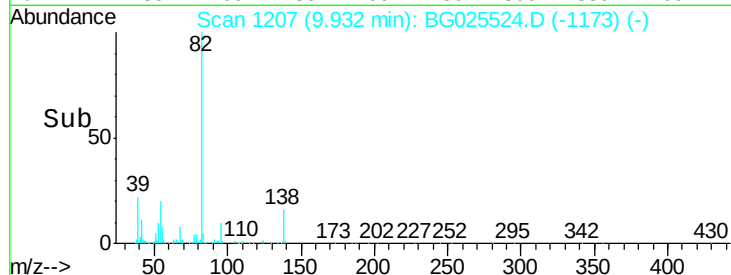
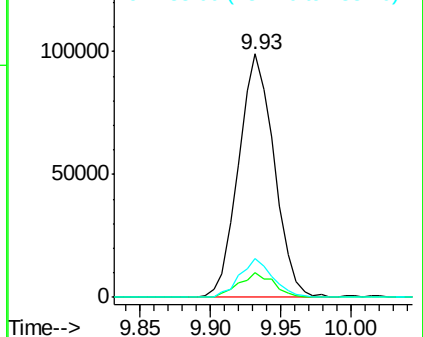
82 100

95 10.3 6.4 9.6#

138 15.9 14.9 22.3



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: 19.88 ng/ul

RT: 10.14 min Scan# 1242

Delta R.T. 0.00 min

Lab File: BG025524.D

Acq: 16 Jan 2017 20:29

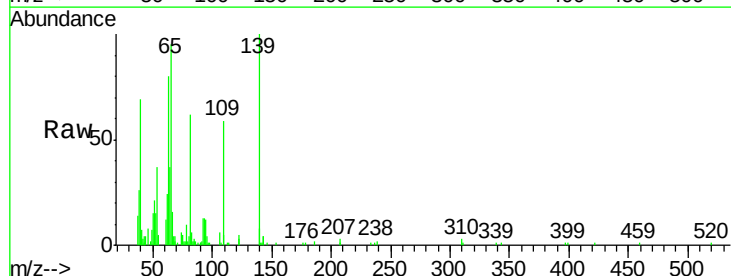
Tgt Ion: 139 Resp: 38755

Ion Ratio Lower Upper

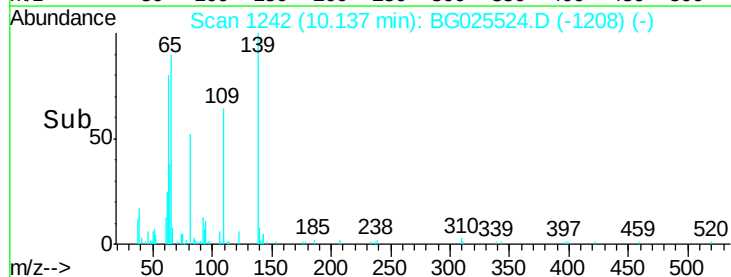
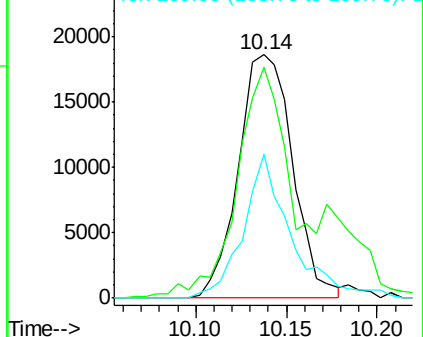
139 100

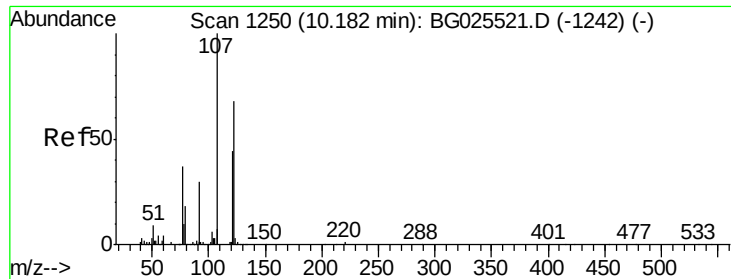
65 94.8 36.3 54.5#

109 58.9 26.4 39.6#



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

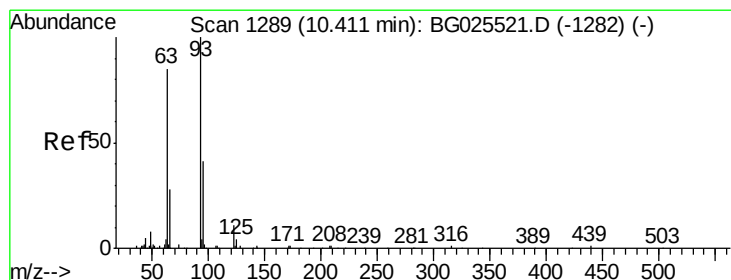
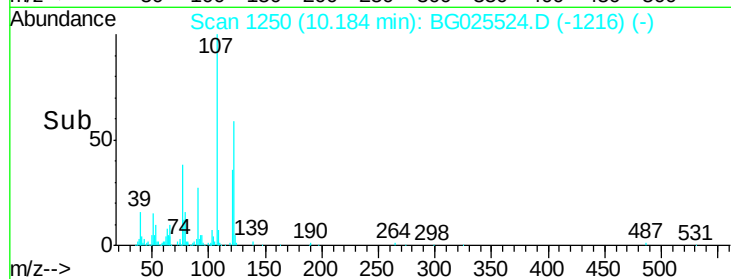
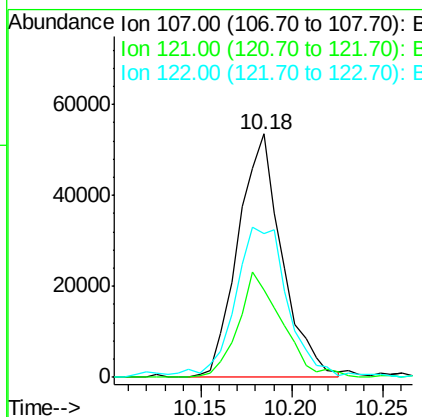
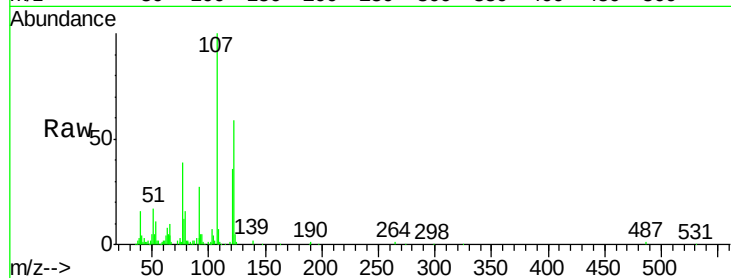




#24  
 2,4-Dimethylphenol  
 Concen: 20.80 ng/ul  
 RT: 10.18 min Scan# 1250  
 Delta R.T. 0.00 min  
 Lab File: BG025524.D  
 Acq: 16 Jan 2017 20:29

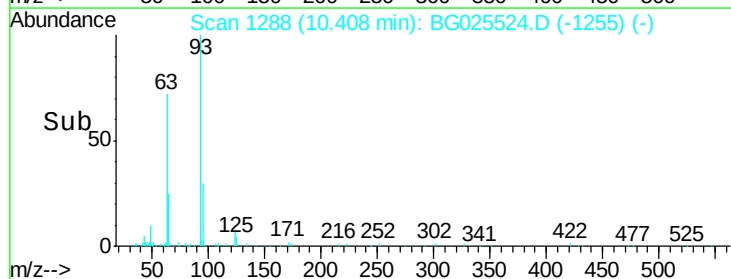
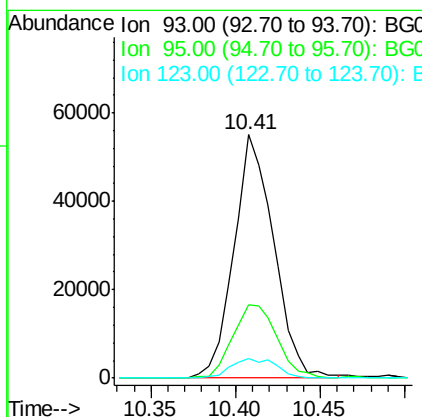
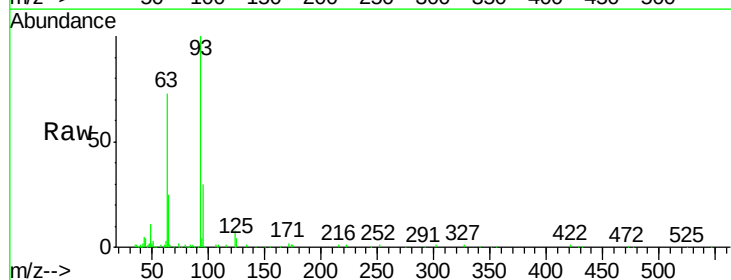
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02004

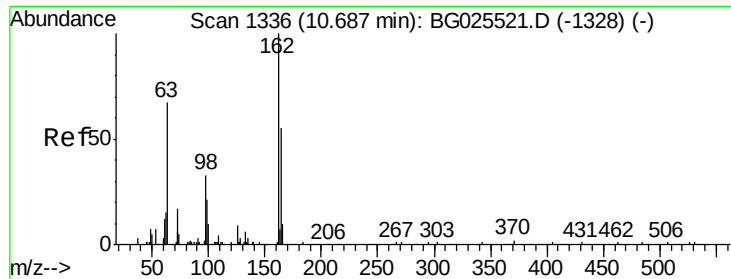
Tgt Ion: 107 Resp: 90564  
 Ion Ratio Lower Upper  
 107 100  
 121 36.1 40.6 61.0#  
 122 59.0 67.8 101.6#



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 19.78 ng/ul  
 RT: 10.41 min Scan# 1288  
 Delta R.T. -0.00 min  
 Lab File: BG025524.D  
 Acq: 16 Jan 2017 20:29

Tgt Ion: 93 Resp: 90507  
 Ion Ratio Lower Upper  
 93 100  
 95 30.2 25.8 38.8  
 123 8.1 9.8 14.8#

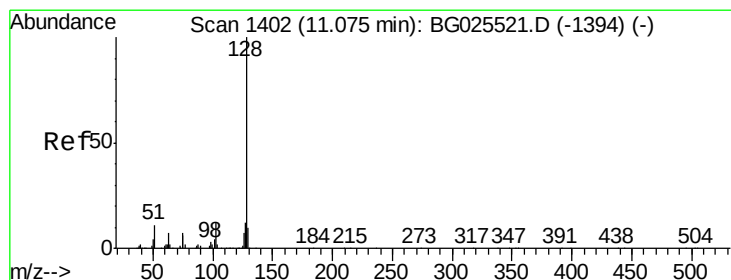
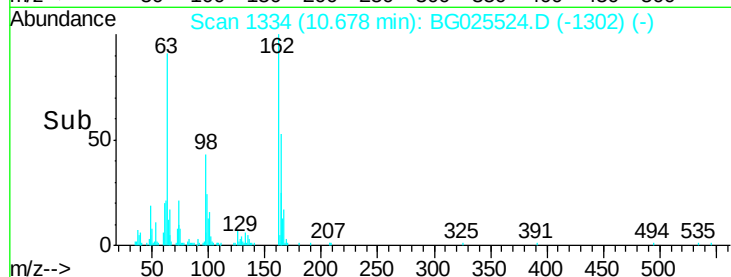
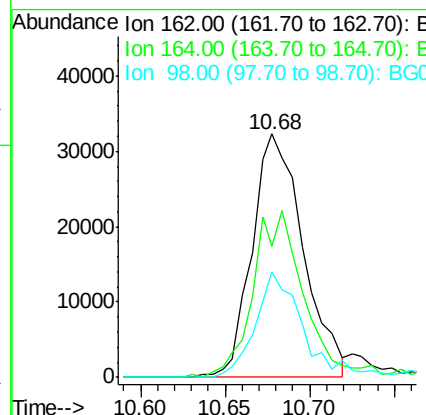
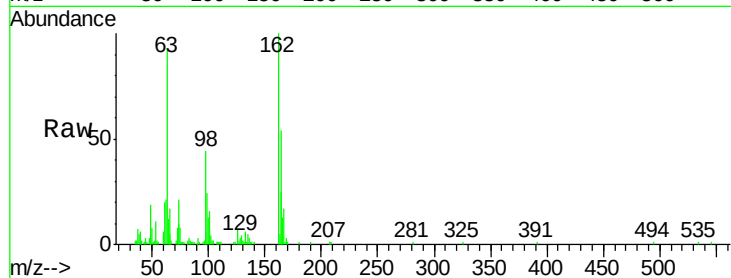




#27  
2,4-Dichlorophenol  
Concen: 19.80 ng/ul  
RT: 10.68 min Scan# 1334  
Delta R.T. -0.01 min  
Lab File: BG025524.D  
Acq: 16 Jan 2017 20:29

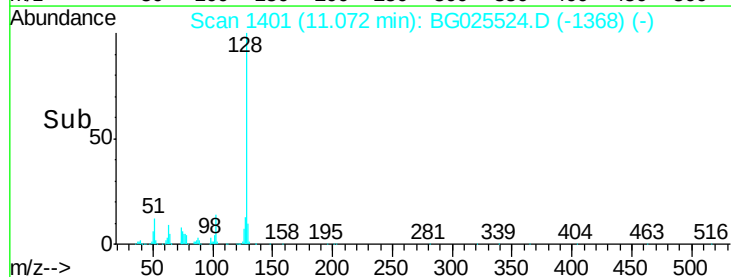
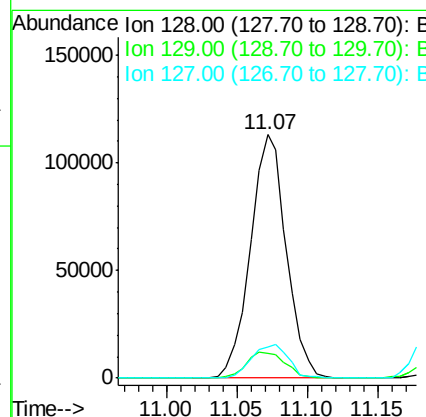
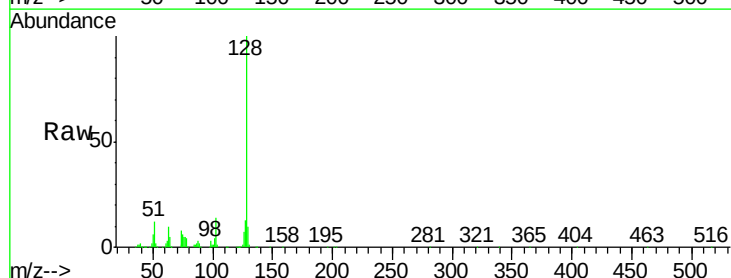
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02004

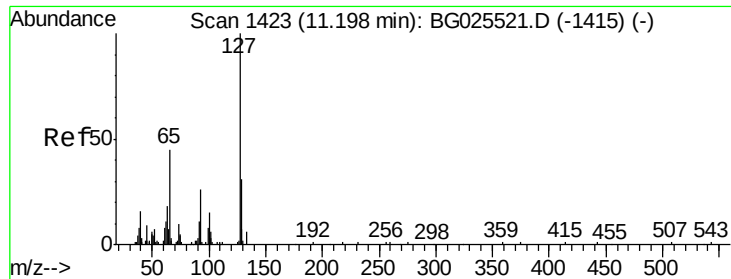
Tgt Ion:162 Resp: 68027  
Ion Ratio Lower Upper  
162 100  
164 53.9 52.1 78.1  
98 43.5 28.4 42.6#



#28  
Naphthalene  
Concen: 19.96 ng/ul  
RT: 11.07 min Scan# 1401  
Delta R.T. -0.00 min  
Lab File: BG025524.D  
Acq: 16 Jan 2017 20:29

Tgt Ion:128 Resp: 201393  
Ion Ratio Lower Upper  
128 100  
129 10.3 8.8 13.2  
127 13.0 10.5 15.7

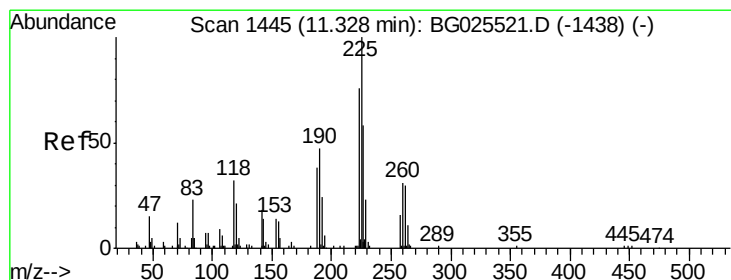
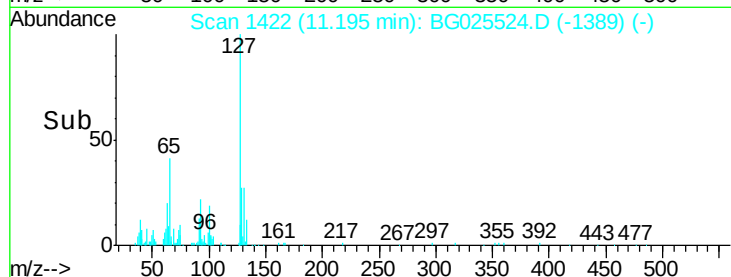
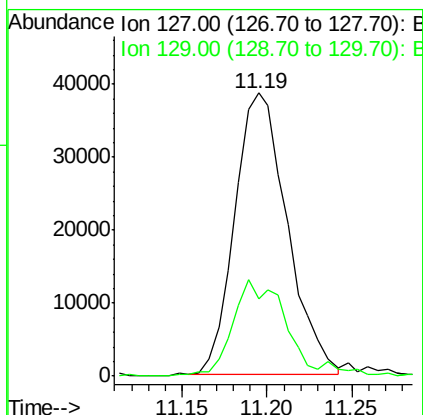
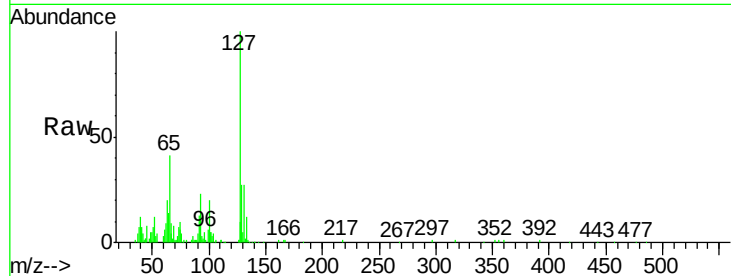




#30  
4-Chloroaniline  
Concen: 21.32 ng/ul  
RT: 11.19 min Scan# 1422  
Delta R.T. -0.00 min  
Lab File: BG025524.D  
Acq: 16 Jan 2017 20:29

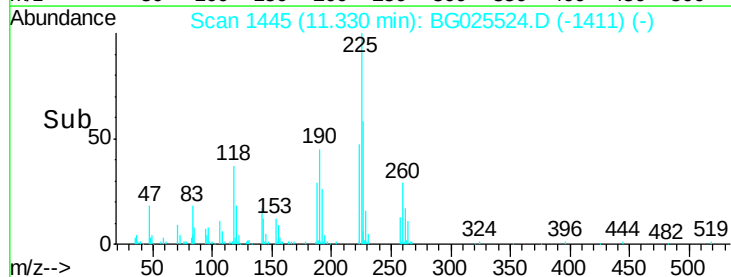
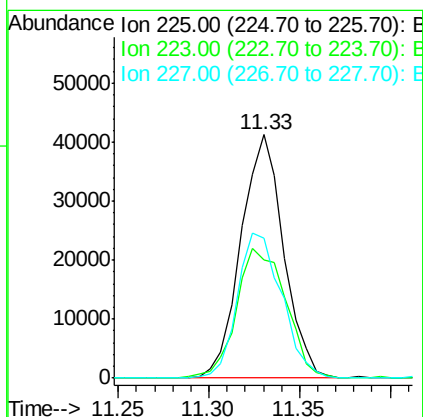
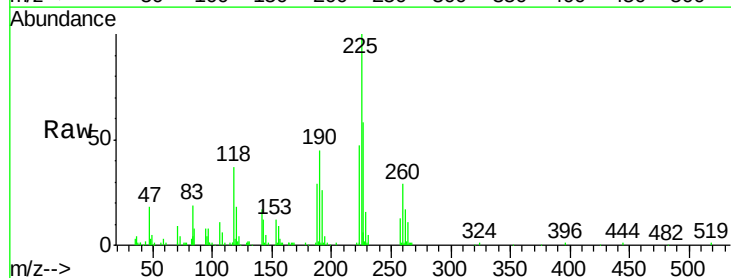
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02004

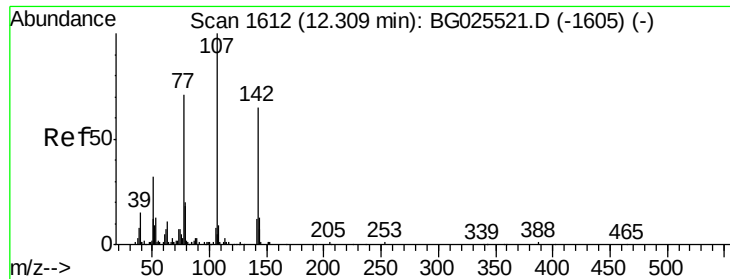
Tgt Ion:127 Resp: 83025  
Ion Ratio Lower Upper  
127 100  
129 27.4 25.4 38.2



#31  
Hexachlorobutadiene  
Concen: 20.22 ng/ul  
RT: 11.33 min Scan# 1445  
Delta R.T. 0.00 min  
Lab File: BG025524.D  
Acq: 16 Jan 2017 20:29

Tgt Ion:225 Resp: 67578  
Ion Ratio Lower Upper  
225 100  
223 48.4 51.4 77.2#  
227 57.7 50.7 76.1

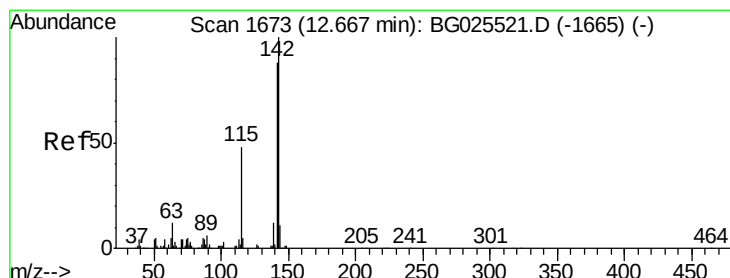
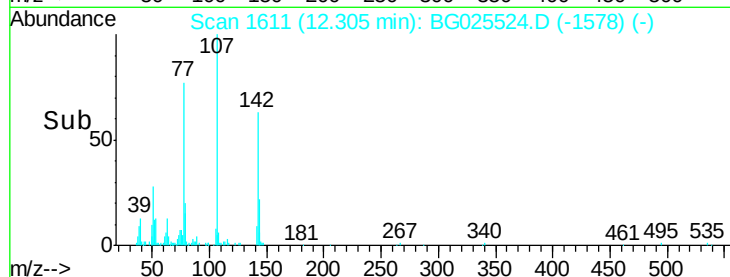
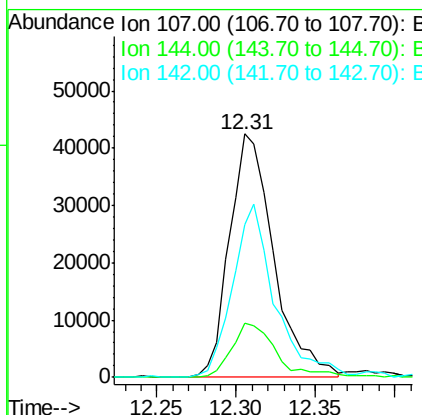
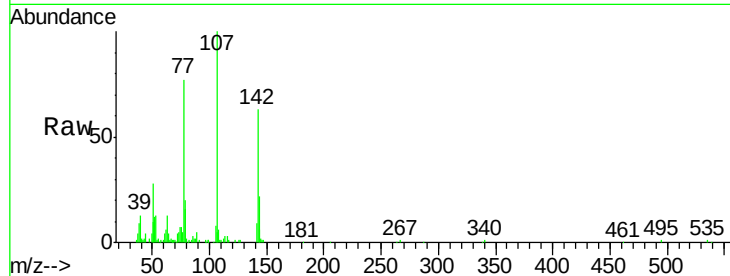




#33  
 4-Chloro-3-methylphenol  
 Concen: 20.81 ng/ul  
 RT: 12.31 min Scan# 1611  
 Delta R.T. -0.00 min  
 Lab File: BG025524.D  
 Acq: 16 Jan 2017 20:29

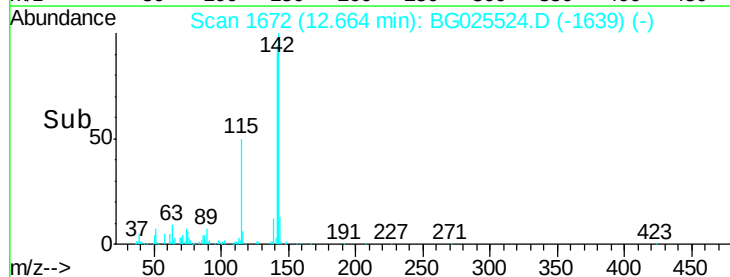
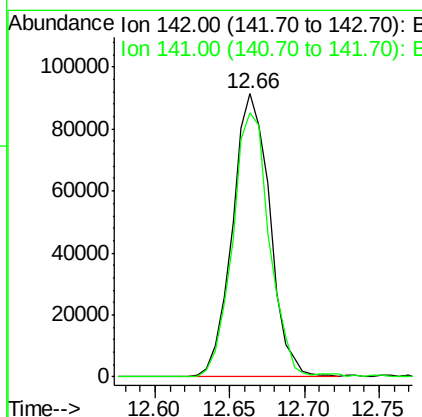
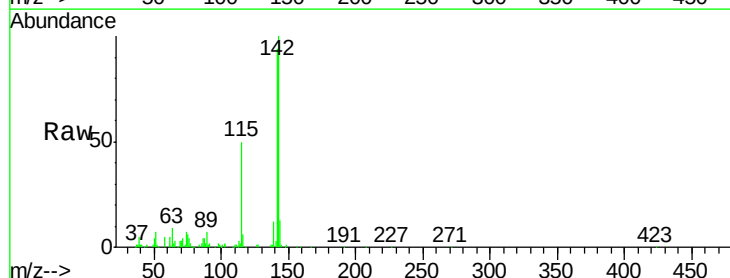
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02004

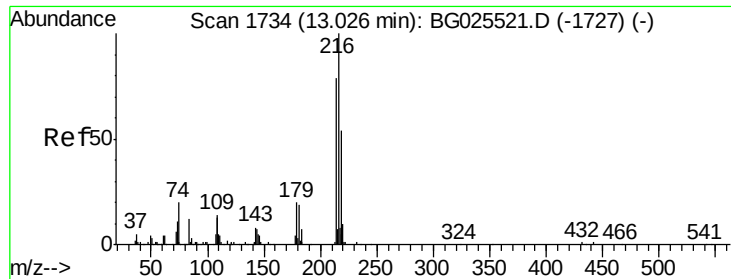
Tgt Ion:107 Resp: 82331  
 Ion Ratio Lower Upper  
 107 100  
 144 22.2 20.4 30.6  
 142 62.7 62.5 93.7



#34  
 2-Methylnaphthalene  
 Concen: 20.33 ng/ul  
 RT: 12.66 min Scan# 1672  
 Delta R.T. -0.00 min  
 Lab File: BG025524.D  
 Acq: 16 Jan 2017 20:29

Tgt Ion:142 Resp: 159151  
 Ion Ratio Lower Upper  
 142 100  
 141 93.5 71.6 107.4

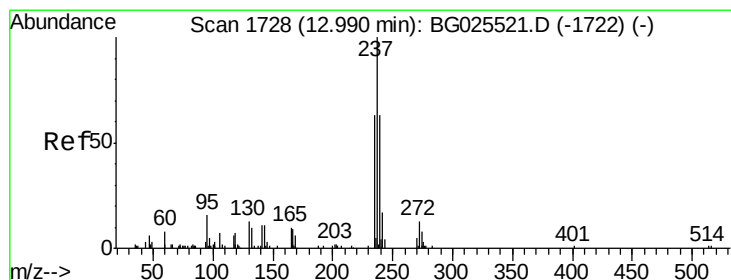
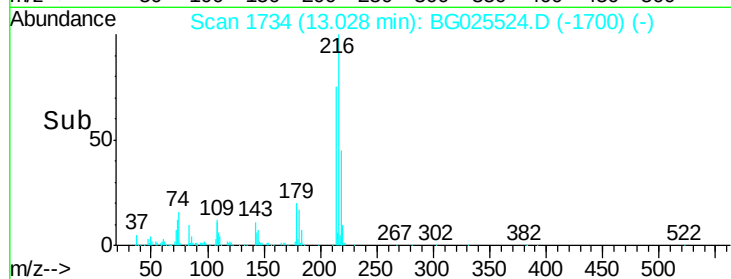
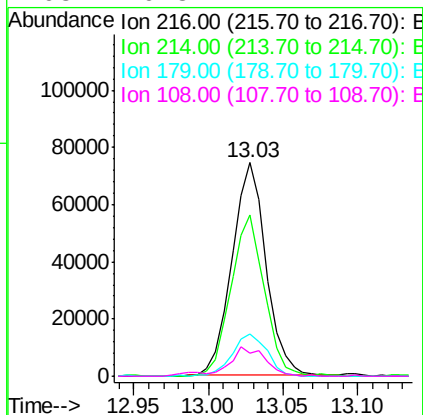
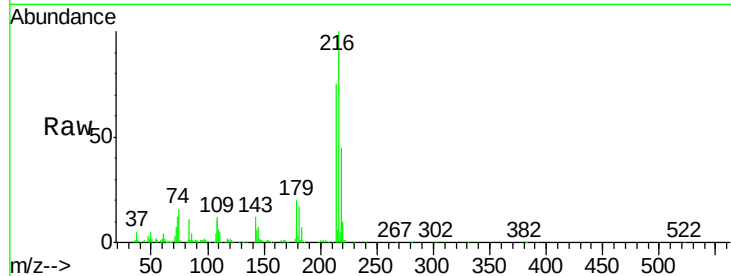




#36  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 19.34 ng/ul  
 RT: 13.03 min Scan# 1734  
 Delta R.T. 0.00 min  
 Lab File: BG025524.D  
 Acq: 16 Jan 2017 20:29

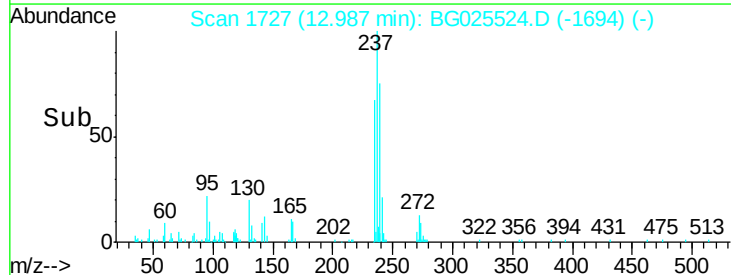
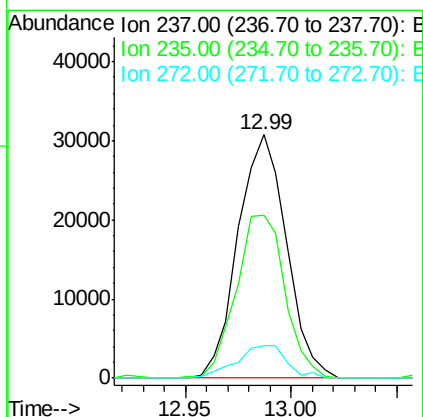
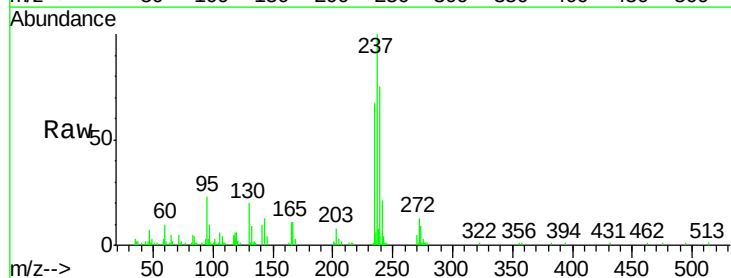
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02004

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 118140 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 75.5  | 62.5  | 93.7   |
| 179      | 19.5  | 18.2  | 27.2   |
| 108      | 10.8  | 14.2  | 21.2#  |

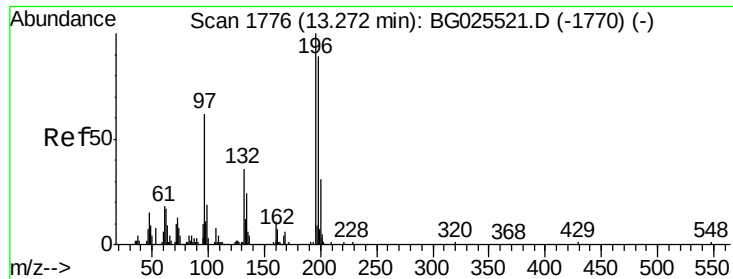


#37  
 Hexachlorocyclopentadiene  
 Concen: 20.28 ng/ul  
 RT: 12.99 min Scan# 1727  
 Delta R.T. -0.00 min  
 Lab File: BG025524.D  
 Acq: 16 Jan 2017 20:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 48851 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 66.9  | 50.4  | 75.6  |
| 272      | 13.5  | 9.6   | 14.4  |



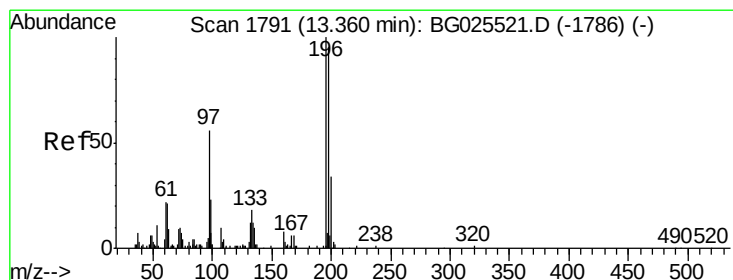
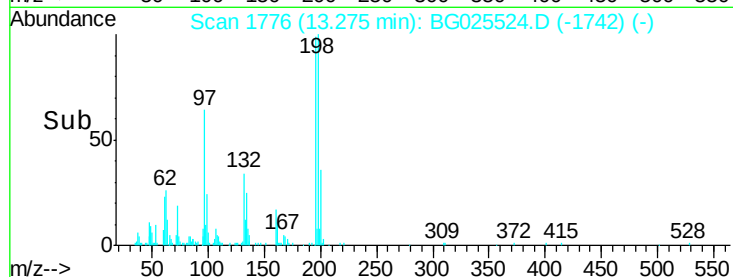
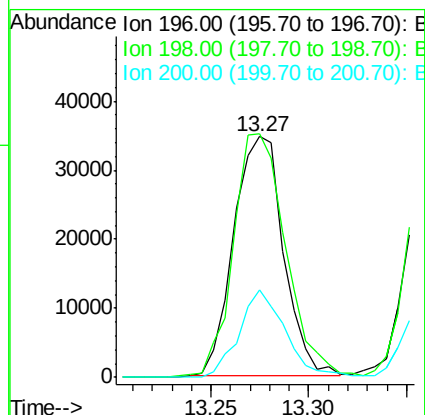
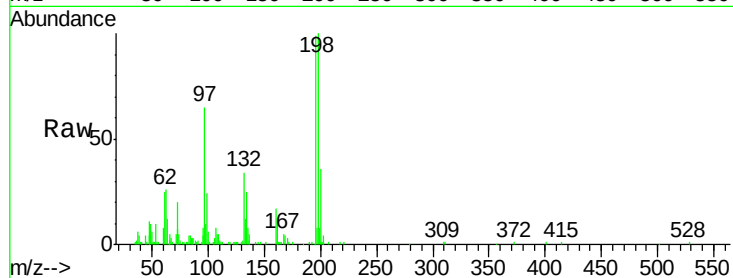




#38  
 2,4,6-Trichlorophenol  
 Concen: 18.17 ng/ul  
 RT: 13.27 min Scan# 1776  
 Delta R.T. 0.00 min  
 Lab File: BG025524.D  
 Acq: 16 Jan 2017 20:29

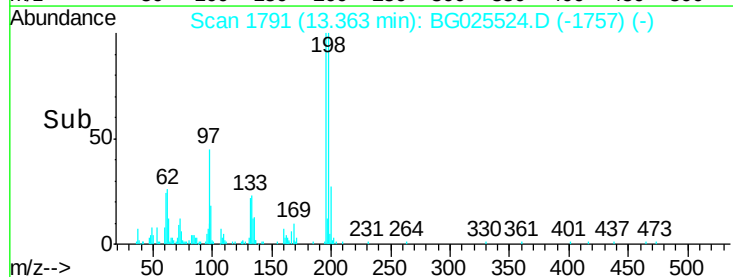
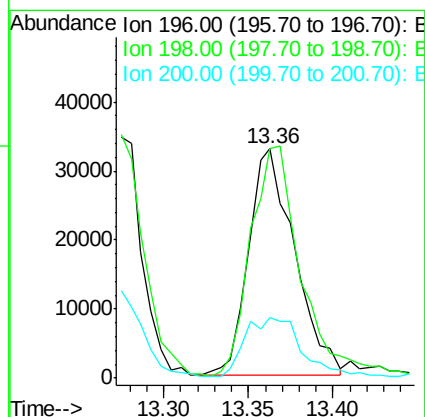
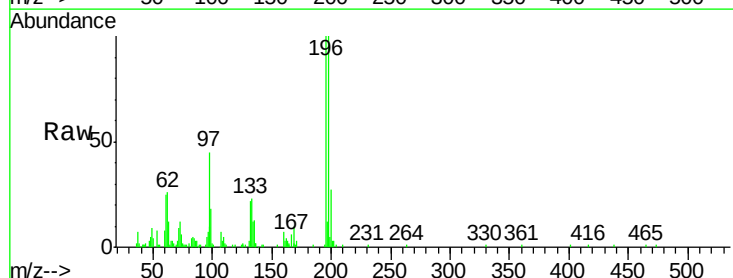
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02004

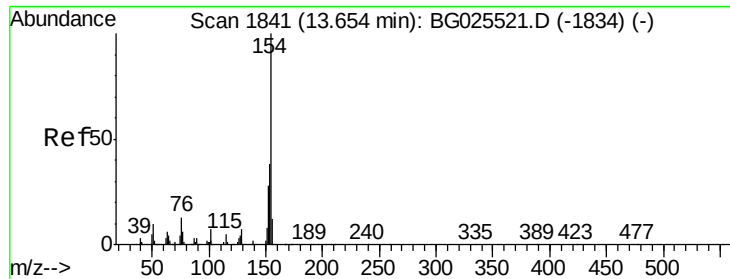
Tgt Ion:196 Resp: 61272  
 Ion Ratio Lower Upper  
 196 100  
 198 101.1 76.6 114.8  
 200 36.8 24.7 37.1



#39  
 2,4,5-Trichlorophenol  
 Concen: 17.04 ng/ul  
 RT: 13.36 min Scan# 1791  
 Delta R.T. 0.00 min  
 Lab File: BG025524.D  
 Acq: 16 Jan 2017 20:29

Tgt Ion:196 Resp: 62164  
 Ion Ratio Lower Upper  
 196 100  
 198 100.3 76.9 115.3  
 200 26.7 25.0 37.4

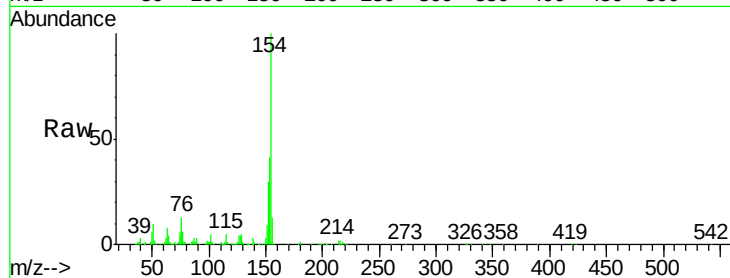




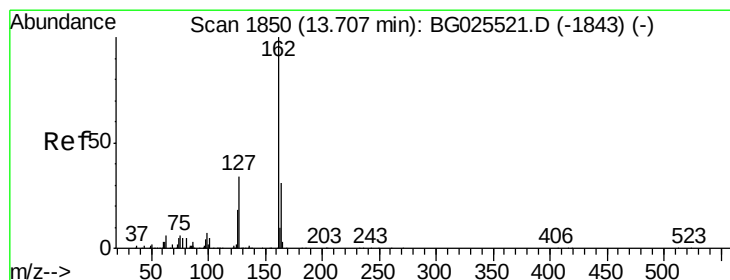
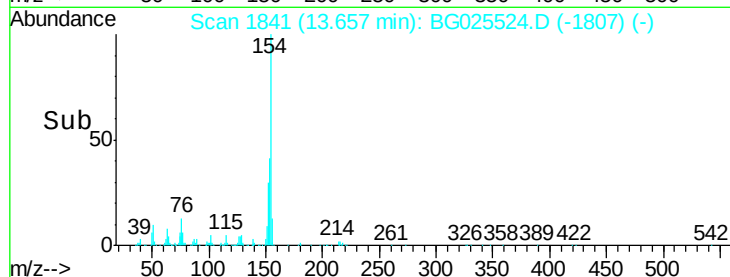
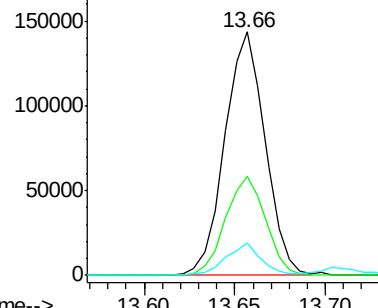
#40  
1,1'-Biphenyl  
Concen: 19.25 ng/ul  
RT: 13.66 min Scan# 1841  
Delta R.T. 0.00 min  
Lab File: BG025524.D  
Acq: 16 Jan 2017 20:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02004

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.7  | 32.1  | 48.1  |
| 76      | 13.4  | 9.5   | 14.3  |

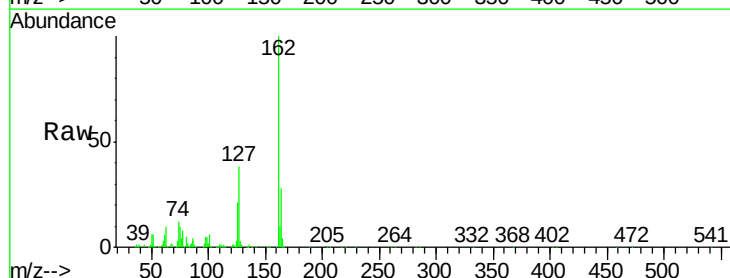


Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BGC

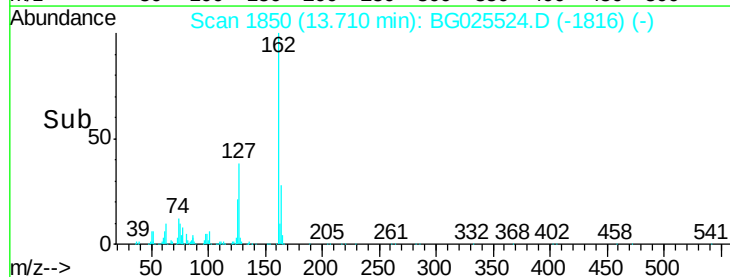
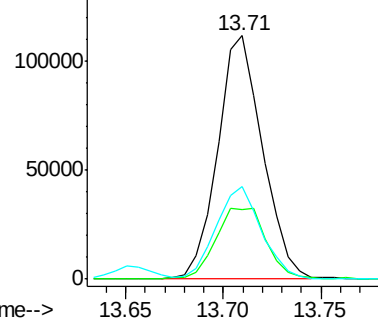


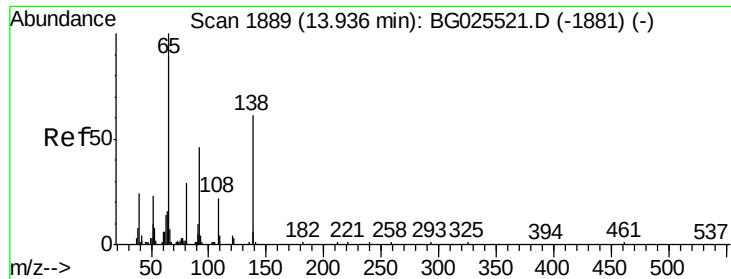
#41  
2-Chloronaphthalene  
Concen: 19.30 ng/ul  
RT: 13.71 min Scan# 1850  
Delta R.T. 0.00 min  
Lab File: BG025524.D  
Acq: 16 Jan 2017 20:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 28.4  | 25.9  | 38.9  |
| 127     | 38.2  | 34.1  | 51.1  |



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: 20.05 ng/ul

RT: 13.93 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BG025524.D

Acq: 16 Jan 2017 20:29

Instrument :

BNA\_G

ClientSampleId :

SSTD02004

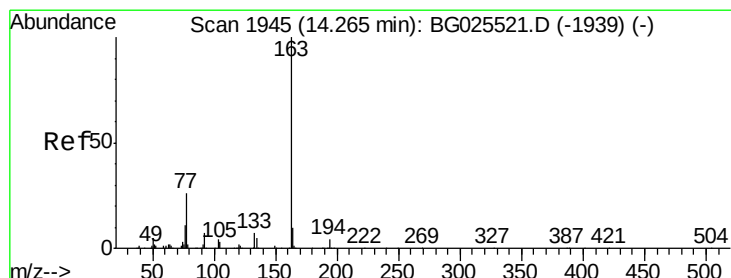
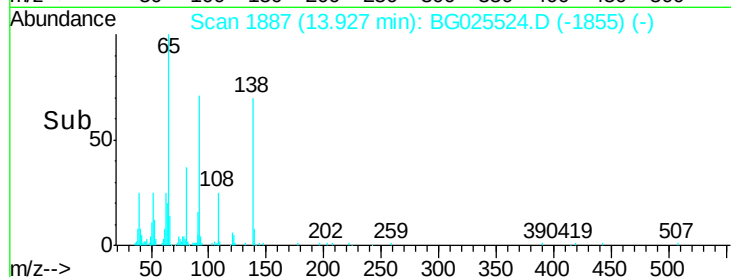
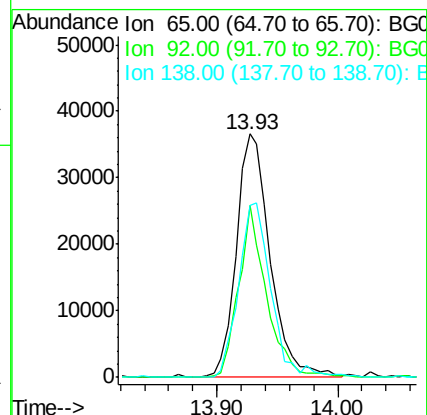
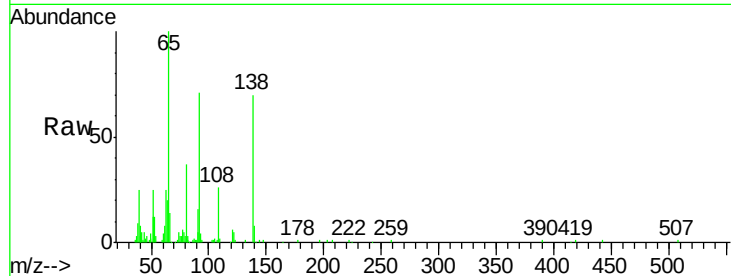
Tgt Ion: 65 Resp: 71019

Ion Ratio Lower Upper

65 100

92 70.8 60.4 90.6

138 70.4 99.8 149.6#



#44

Dimethylphthalate

Concen: 19.44 ng/ul

RT: 14.26 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BG025524.D

Acq: 16 Jan 2017 20:29

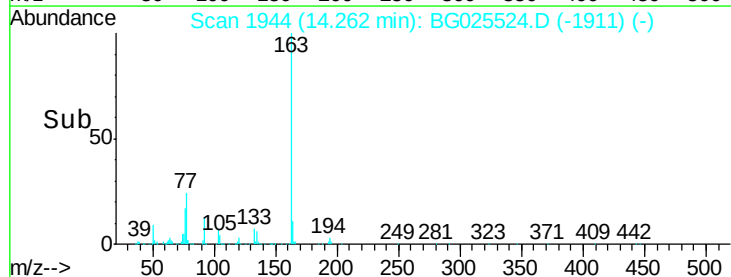
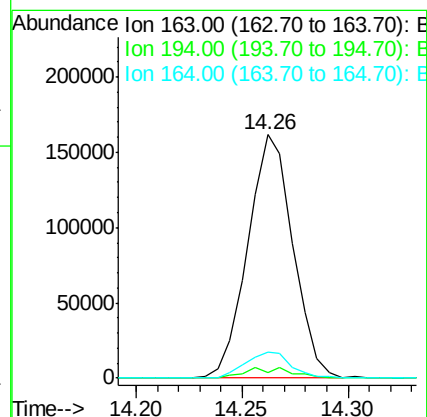
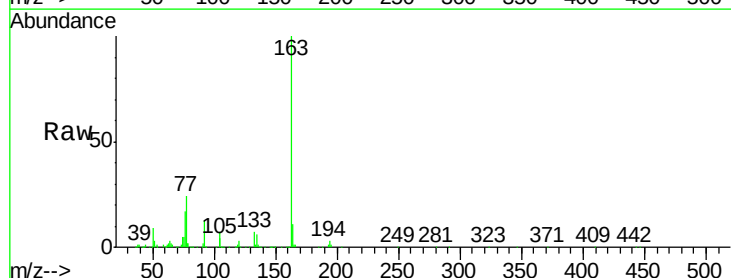
Tgt Ion: 163 Resp: 238913

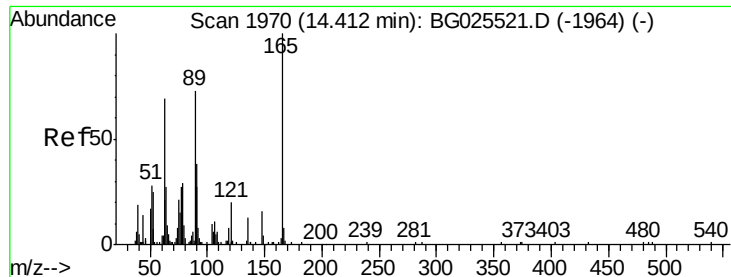
Ion Ratio Lower Upper

163 100

194 2.5 3.2 4.8#

164 10.7 7.8 11.8





#45

2,6-Dinitrotoluene

Concen: 18.78 ng/ul

RT: 14.41 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG025524.D

Acq: 16 Jan 2017 20:29

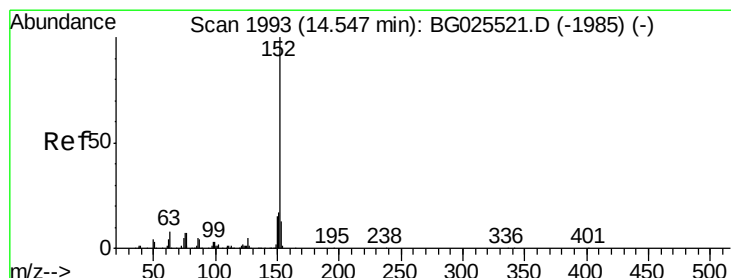
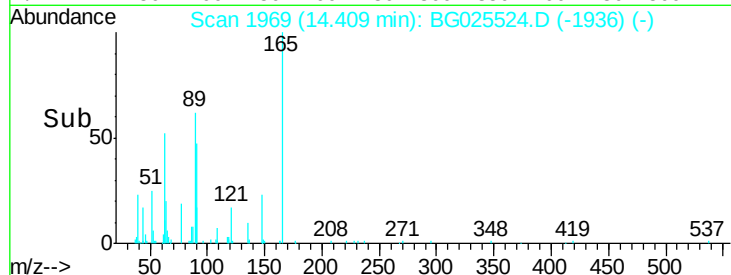
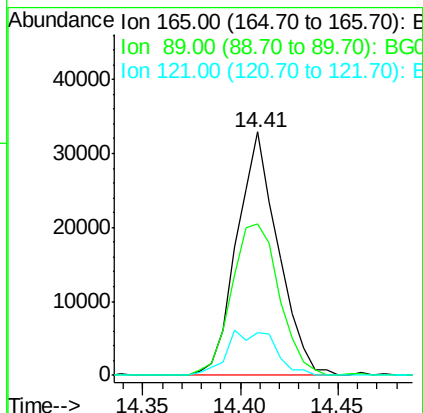
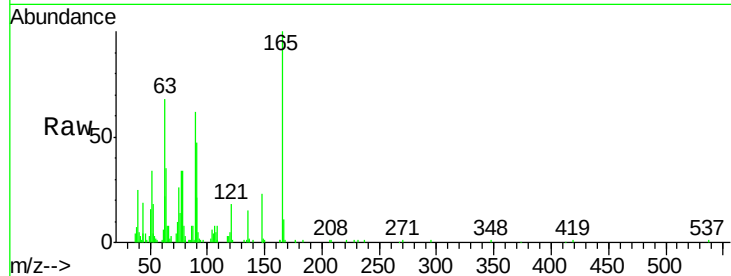
Instrument :

BNA\_G

ClientSampleId :

SSTD02004

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 165   | Resp: | 48046 |
| Ion      | Ratio | Lower | Upper |
| 165      | 100   |       |       |
| 89       | 62.4  | 42.4  | 63.6  |
| 121      | 17.8  | 16.6  | 24.8  |



#47

Acenaphthylene

Concen: 19.89 ng/ul

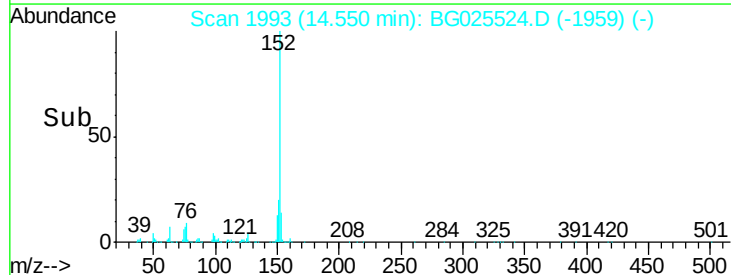
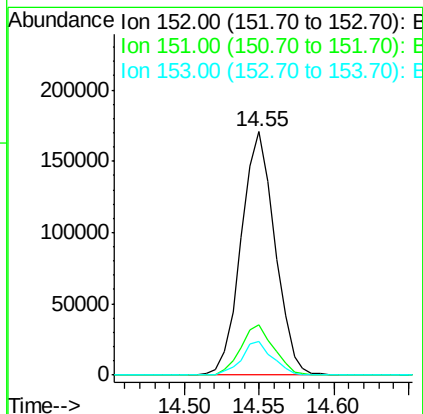
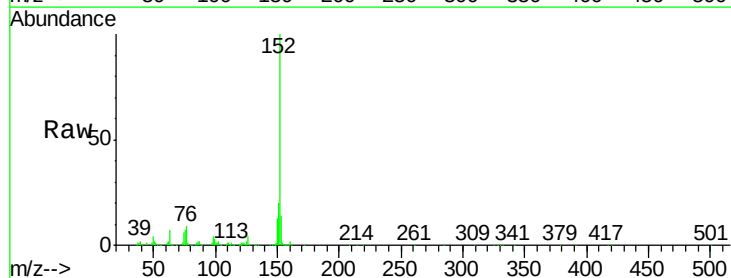
RT: 14.55 min Scan# 1993

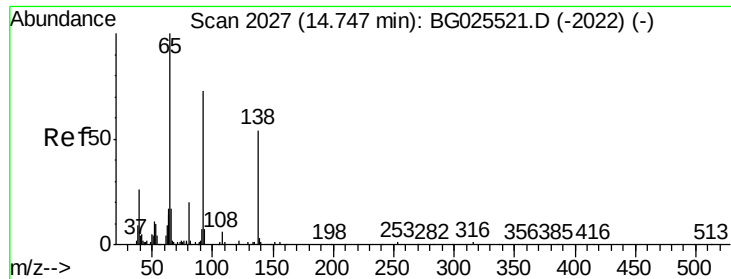
Delta R.T. 0.00 min

Lab File: BG025524.D

Acq: 16 Jan 2017 20:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 267157 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 151      | 20.5  | 15.7  | 23.5   |
| 153      | 13.7  | 10.5  | 15.7   |

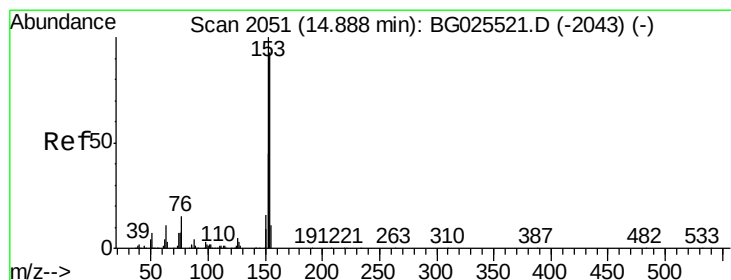
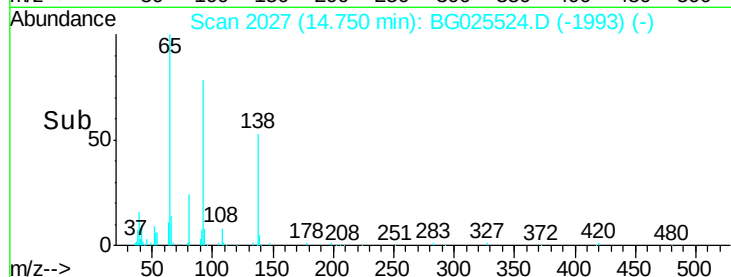
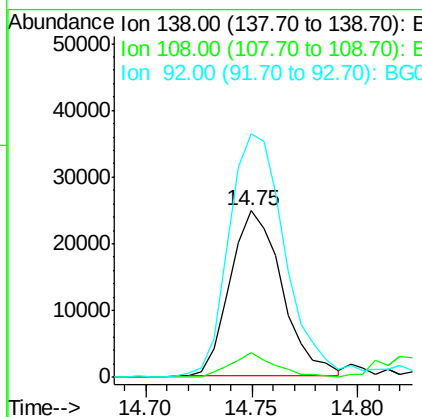
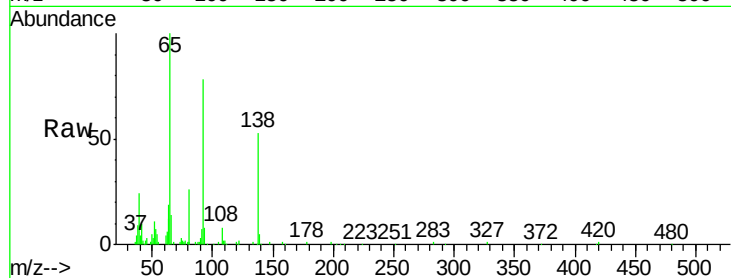




#48  
3-Nitroaniline  
Concen: 19.38 ng/ul  
RT: 14.75 min Scan# 2027  
Delta R.T. 0.00 min  
Lab File: BG025524.D  
Acq: 16 Jan 2017 20:29

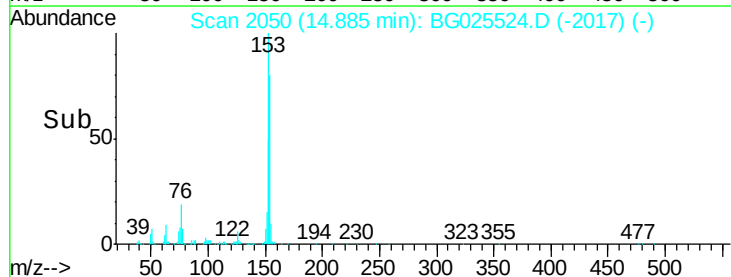
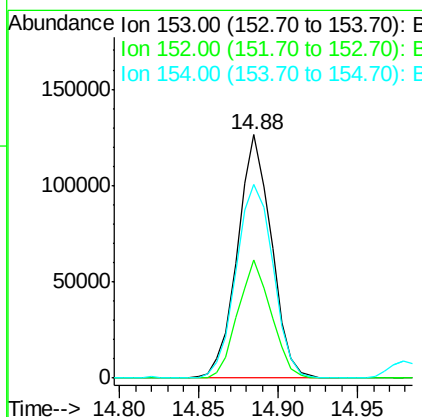
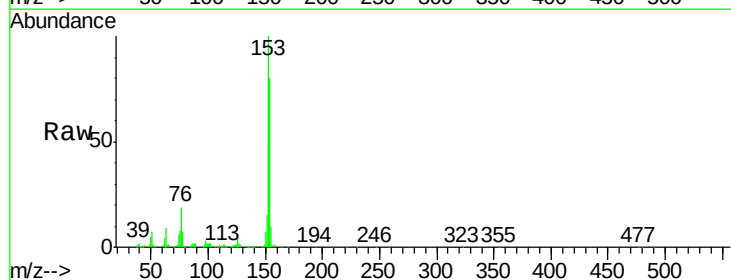
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02004

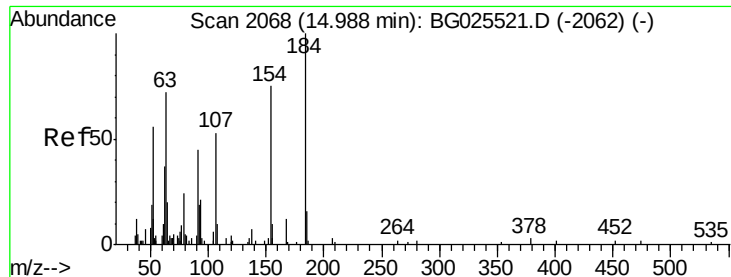
Tgt Ion:138 Resp: 42274  
Ion Ratio Lower Upper  
138 100  
108 14.6 8.7 13.1#  
92 146.4 88.2 132.4#



#49  
Acenaphthene  
Concen: 19.88 ng/ul  
RT: 14.88 min Scan# 2050  
Delta R.T. -0.00 min  
Lab File: BG025524.D  
Acq: 16 Jan 2017 20:29

Tgt Ion:153 Resp: 188350  
Ion Ratio Lower Upper  
153 100  
152 48.7 38.3 57.5  
154 79.8 71.8 107.8





#50

2,4-Dinitrophenol

Concen: 16.44 ng/ul

RT: 14.98 min Scan# 2066

Delta R.T. -0.01 min

Lab File: BG025524.D

Acq: 16 Jan 2017 20:29

Instrument :

BNA\_G

ClientSampleId :

SSTD02004

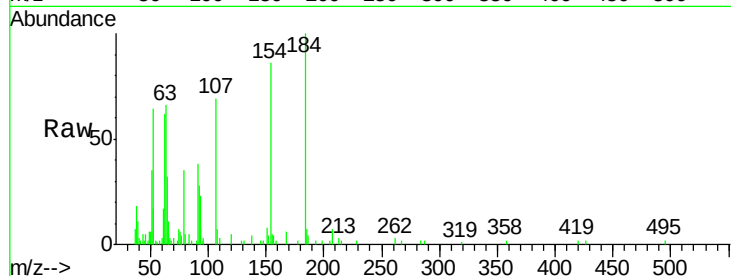
Tgt Ion:184 Resp: 22938

Ion Ratio Lower Upper

184 100

63 66.1 46.5 69.7

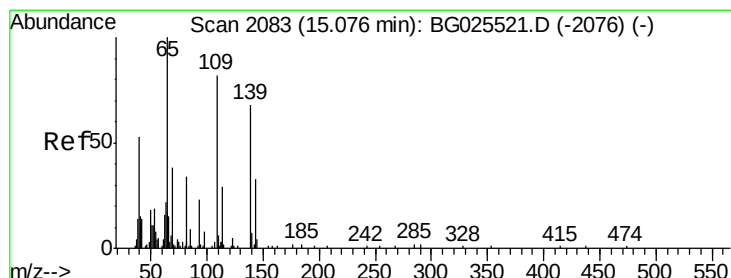
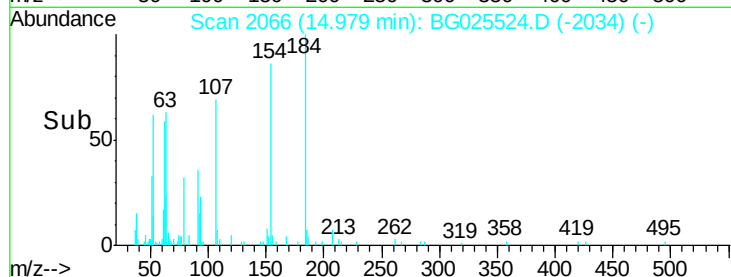
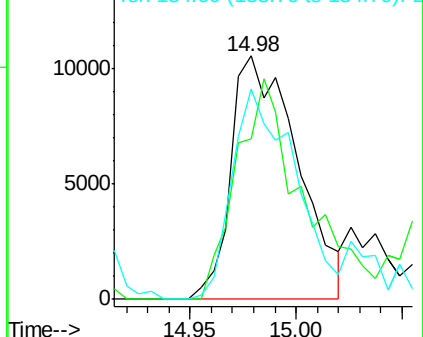
154 86.5 54.6 82.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#52

4-Nitrophenol

Concen: 16.10 ng/ul

RT: 15.07 min Scan# 2082

Delta R.T. -0.00 min

Lab File: BG025524.D

Acq: 16 Jan 2017 20:29

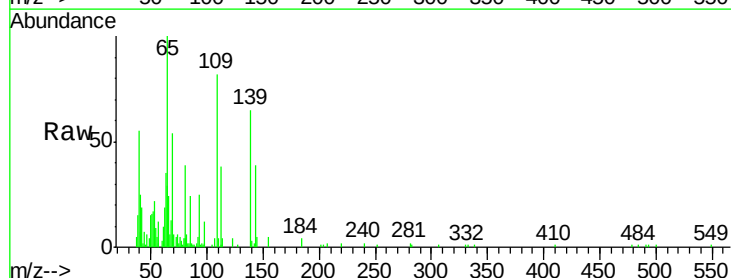
Tgt Ion:109 Resp: 37599

Ion Ratio Lower Upper

109 100

139 79.0 103.7 155.5#

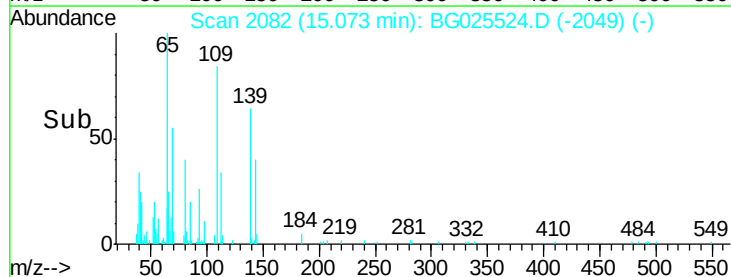
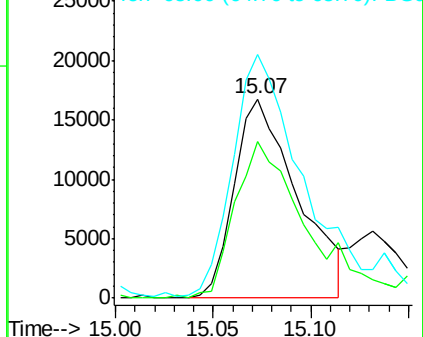
65 122.4 89.4 134.2

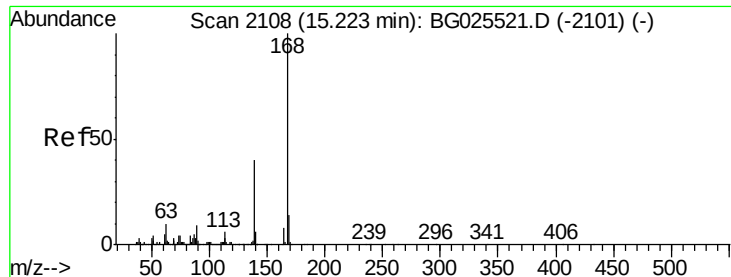


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BG





#53

Dibenzenofuran

Concen: 19.74 ng/ul

RT: 15.22 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BG025524.D

Acq: 16 Jan 2017 20:29

Instrument :

BNA\_G

ClientSampleId :

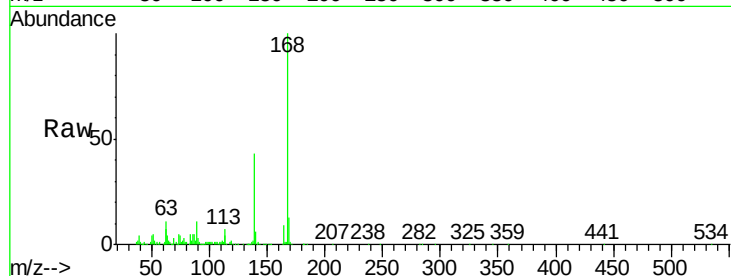
SSTD02004

Tgt Ion:168 Resp: 289186

Ion Ratio Lower Upper

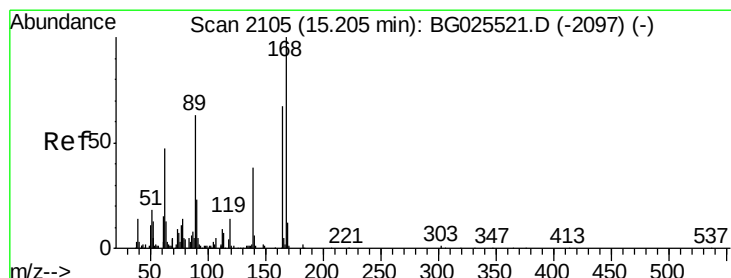
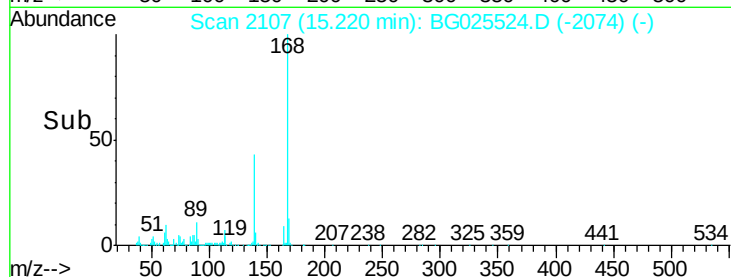
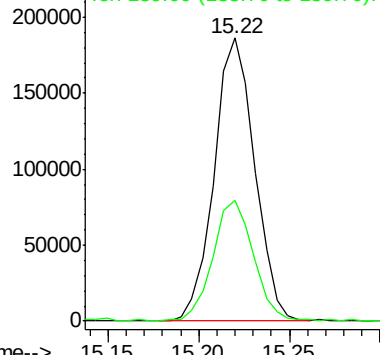
168 100

139 42.6 32.2 48.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#54

2,4-Dinitrotoluene

Concen: 19.61 ng/ul

RT: 15.20 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BG025524.D

Acq: 16 Jan 2017 20:29

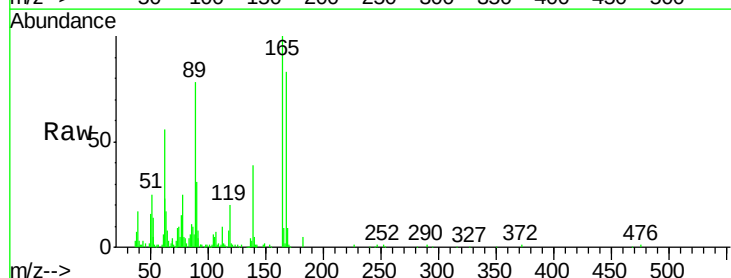
Tgt Ion:165 Resp: 74889

Ion Ratio Lower Upper

165 100

63 55.6 29.8 44.6#

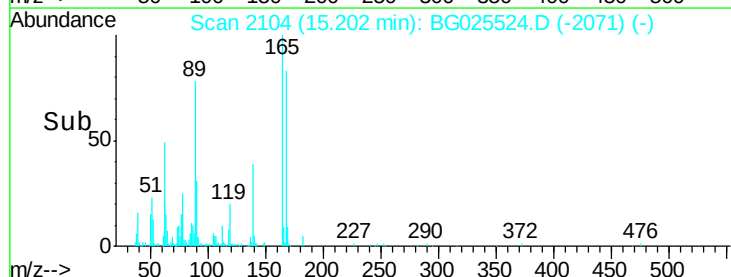
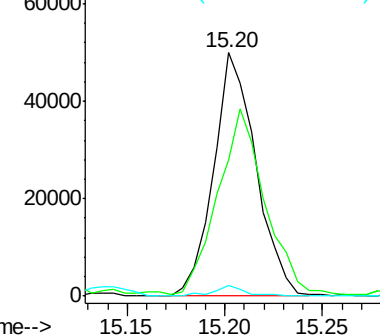
182 4.6 2.2 3.4#

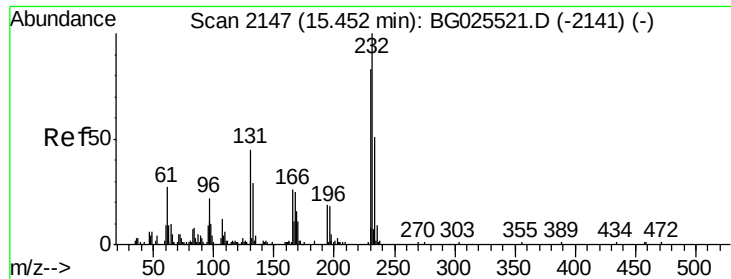


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 182.00 (181.70 to 182.70): E

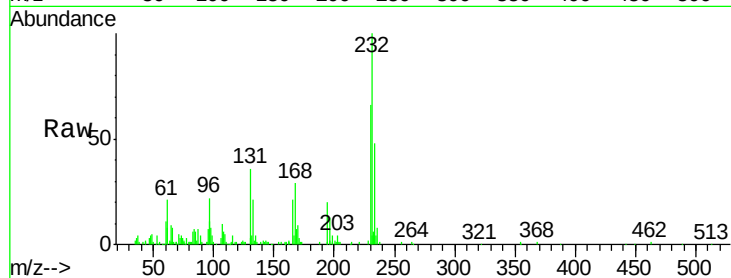




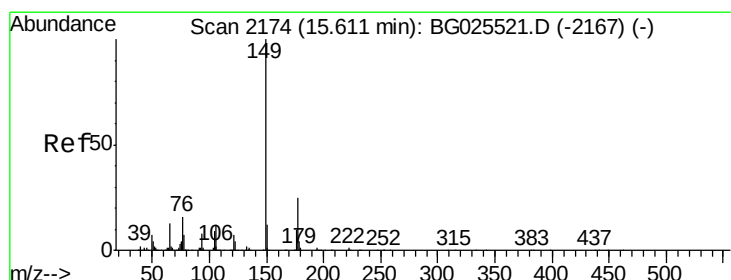
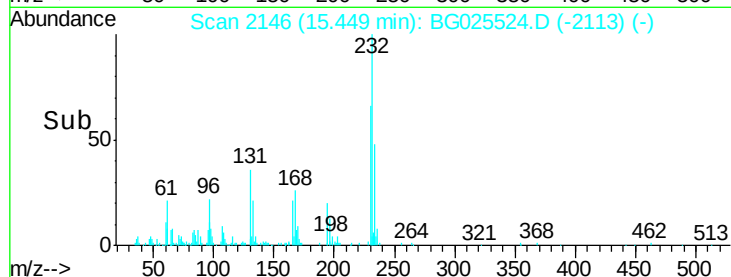
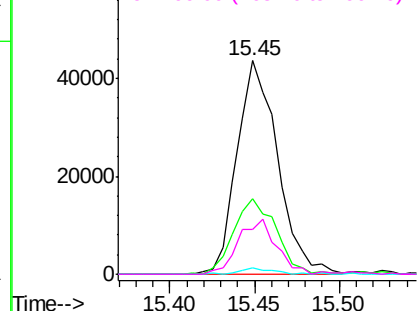
#55  
 2,3,4,6-Tetrachlorophenol  
 Concen: 19.39 ng/ul  
 RT: 15.45 min Scan# 2146  
 Delta R.T. -0.00 min  
 Lab File: BG025524.D  
 Acq: 16 Jan 2017 20:29

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02004

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 232   | Resp: | 73151 |
| Ion      | Ratio | Lower | Upper |
| 232      | 100   |       |       |
| 131      | 35.6  | 39.4  | 59.2# |
| 130      | 3.2   | 2.2   | 3.2   |
| 166      | 21.1  | 26.6  | 39.8# |

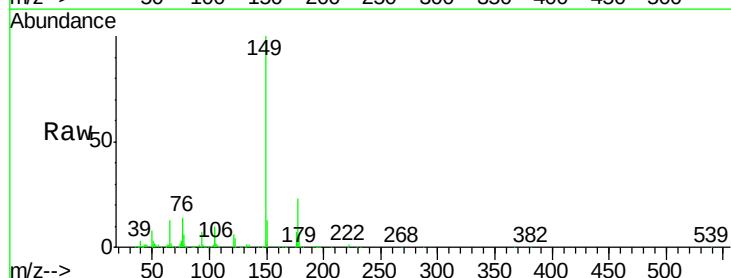


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

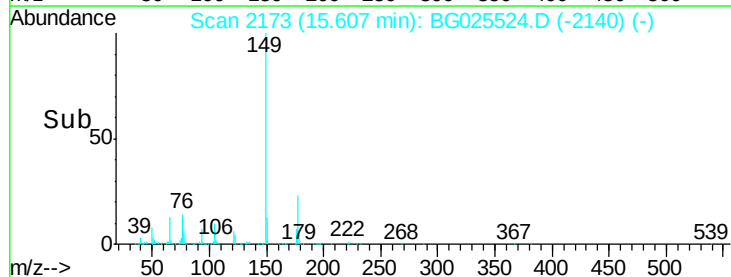
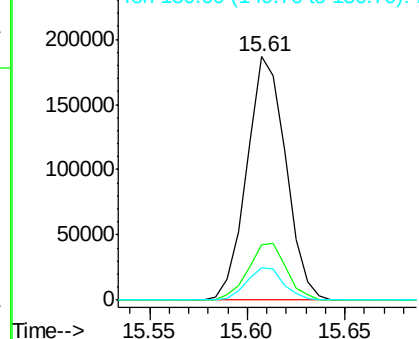


#56  
 Diethylphthalate  
 Concen: 20.03 ng/ul  
 RT: 15.61 min Scan# 2173  
 Delta R.T. -0.00 min  
 Lab File: BG025524.D  
 Acq: 16 Jan 2017 20:29

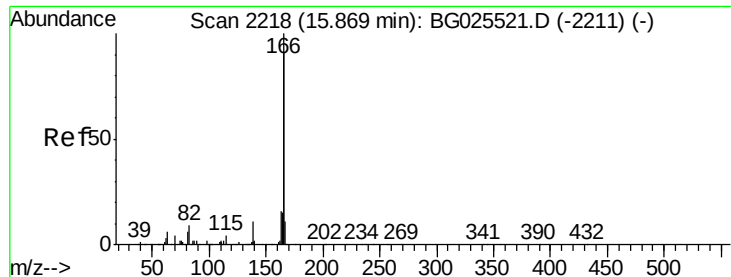
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 258158 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 23.0  | 17.4  | 26.2   |
| 150      | 13.5  | 10.0  | 15.0   |



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: 19.22 ng/ul

RT: 15.87 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BG025524.D

Acq: 16 Jan 2017 20:29

Instrument :

BNA\_G

ClientSampleId :

SSTD02004

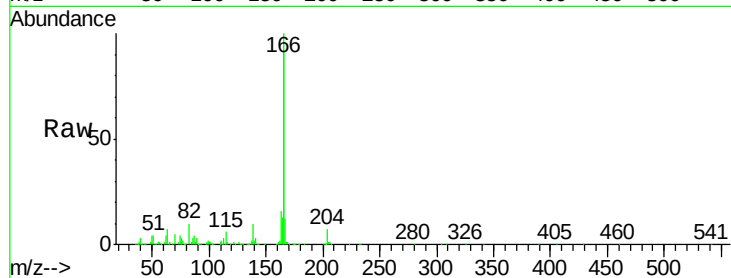
Tgt Ion:166 Resp: 227880

Ion Ratio Lower Upper

166 100

165 91.0 78.5 117.7

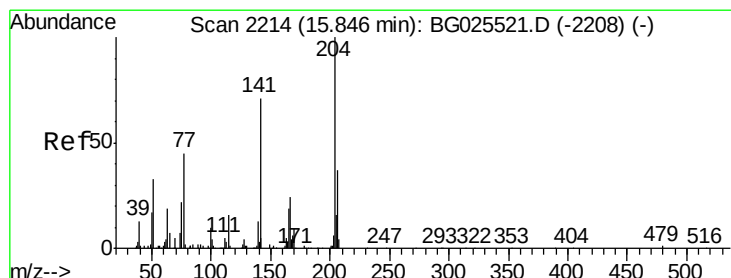
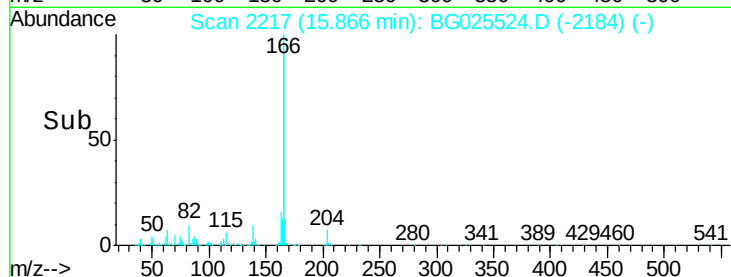
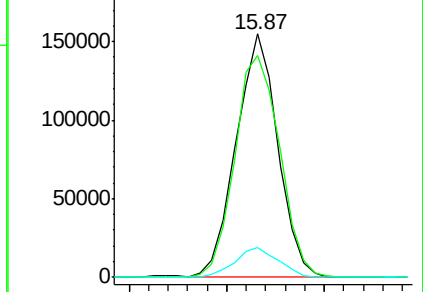
167 12.5 10.7 16.1



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: 18.87 ng/ul

RT: 15.85 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BG025524.D

Acq: 16 Jan 2017 20:29

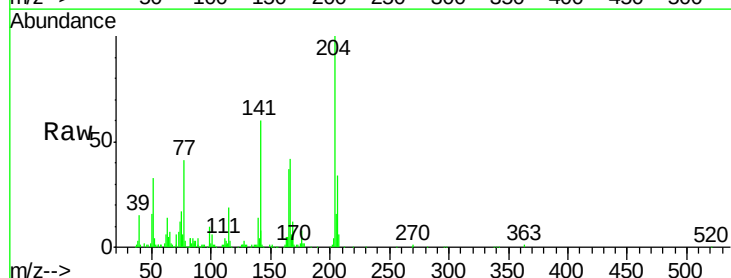
Tgt Ion:204 Resp: 128261

Ion Ratio Lower Upper

204 100

206 33.8 26.2 39.4

141 59.6 54.6 81.8



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

