

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG010917\  
 Data File : BG025449.D  
 Acq On : 10 Jan 2017 3:17  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Jan 10 04:23:27 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG122116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 21 18:42:01 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.20  | 152  | 60023    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 11.02 | 136  | 252866   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 14.82 | 164  | 206338   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10      | 17.57 | 188  | 469983   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 21.86 | 240  | 670086   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 25.26 | 264  | 724088   | 20.00 | ng    | -0.04    |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.73  | 112 | 279162  | 84.54 | ng | -0.02 |
| 7) Phenol-d6             | 7.36  | 99  | 397770  | 85.53 | ng | -0.02 |
| 23) Nitrobenzene-d5      | 9.38  | 82  | 491383  | 85.85 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 16.32 | 330 | 260147  | 78.31 | ng | -0.01 |
| 44) 2-Fluorobiphenyl     | 13.45 | 172 | 1060053 | 83.17 | ng | -0.01 |
| 78) Terphenyl-d14        | 20.15 | 244 | 1966404 | 77.81 | ng | -0.01 |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.58  | 88  | 57658  | 40.92 | ng | 95     |
| 3) Pyridine                    | 3.99  | 79  | 181014 | 44.32 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.92  | 42  | 104582 | 43.14 | ng | # 98   |
| 6) Aniline                     | 7.52  | 93  | 272292 | 43.21 | ng | 95     |
| 8) 2-Chlorophenol              | 7.76  | 128 | 155933 | 41.86 | ng | 94     |
| 9) Benzaldehyde                | 7.34  | 77  | 124739 | 36.66 | ng | 95     |
| 10) Phenol                     | 7.39  | 94  | 223690 | 43.39 | ng | 93     |
| 11) bis(2-Chloroethyl)ether    | 7.61  | 93  | 160970 | 40.52 | ng | 91     |
| 12) 1,3-Dichlorobenzene        | 8.08  | 146 | 191500 | 42.48 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 8.23  | 146 | 192762 | 41.26 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 8.55  | 146 | 186229 | 41.77 | ng | 95     |
| 15) Benzyl Alcohol             | 8.45  | 79  | 176492 | 39.75 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.72  | 45  | 315749 | 42.92 | ng | 95     |
| 17) 2-Methylphenol             | 8.64  | 107 | 146175 | 43.18 | ng | 97     |
| 18) Hexachloroethane           | 9.28  | 117 | 76939  | 42.88 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 9.00  | 70  | 165679 | 42.18 | ng | 92     |
| 20) 3+4-Methylphenols          | 8.98  | 107 | 201370 | 42.98 | ng | 98     |
| 22) Acetophenone               | 9.04  | 105 | 293482 | 41.77 | ng | # 95   |
| 24) Nitrobenzene               | 9.42  | 77  | 268864 | 42.83 | ng | 97     |
| 25) Isophorone                 | 9.94  | 82  | 443929 | 42.83 | ng | 98     |
| 26) 2-Nitrophenol              | 10.14 | 139 | 102717 | 42.78 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 10.19 | 122 | 160225 | 40.59 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 10.42 | 93  | 219756 | 40.83 | ng | # 96   |
| 29) 2,4-Dichlorophenol         | 10.68 | 162 | 177327 | 41.98 | ng | 93     |
| 30) 1,2,4-Trichlorobenzene     | 10.88 | 180 | 204388 | 40.05 | ng | 98     |
| 31) Naphthalene                | 11.07 | 128 | 527793 | 41.80 | ng | 97     |
| 32) Benzoic acid               | 10.35 | 122 | 119694 | 37.70 | ng | 88     |
| 33) 4-Chloroaniline            | 11.20 | 127 | 225656 | 42.49 | ng | # 93   |
| 34) Hexachlorobutadiene        | 11.33 | 225 | 173644 | 41.68 | ng | 99     |
| 35) Caprolactam                | 11.97 | 113 | 61630  | 38.83 | ng | # 86   |
| 36) 4-Chloro-3-methylphenol    | 12.31 | 107 | 218531 | 41.91 | ng | 94     |
| 37) 2-Methylnaphthalene        | 12.67 | 142 | 396356 | 42.35 | ng | 95     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.03 | 216 | 282513 | 41.47 | ng | 96     |
| 40) Hexachlorocyclopentadiene  | 12.99 | 237 | 93136  | 41.96 | ng | 97     |

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 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

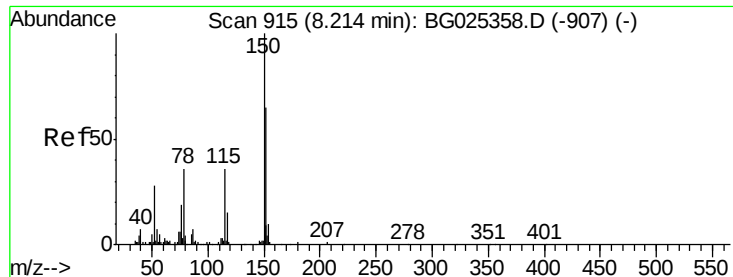
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Jan 10 04:23:27 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG122116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 21 18:42:01 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.27 | 196  | 171369   | 39.95 | ng    | 98       |
| 43) 2,4,5-Trichlorophenol      | 13.36 | 196  | 173540   | 38.65 | ng    | 92       |
| 45) 1,1'-Biphenyl              | 13.66 | 154  | 572302   | 41.24 | ng    | 97       |
| 46) 2-Chloronaphthalene        | 13.71 | 162  | 441666   | 40.73 | ng    | 97       |
| 47) 2-Nitroaniline             | 13.93 | 65   | 195282   | 42.67 | ng    | 99       |
| 48) Acenaphthylene             | 14.55 | 152  | 693744   | 41.28 | ng    | 99       |
| 49) Dimethylphthalate          | 14.27 | 163  | 625598   | 41.59 | ng    | 97       |
| 50) 2,6-Dinitrotoluene         | 14.41 | 165  | 131996   | 40.17 | ng    | 99       |
| 51) Acenaphthene               | 14.89 | 154  | 452935   | 41.21 | ng    | 98       |
| 52) 3-Nitroaniline             | 14.75 | 138  | 123346   | 39.04 | ng    | 90       |
| 53) 2,4-Dinitrophenol          | 14.97 | 184  | 74859    | 37.61 | ng    | 86       |
| 54) Dibenzofuran               | 15.22 | 168  | 721879   | 41.54 | ng    | 98       |
| 55) 4-Nitrophenol              | 15.07 | 139  | 94370    | 39.99 | ng    | # 87     |
| 56) 2,4-Dinitrotoluene         | 15.21 | 165  | 198257   | 41.44 | ng    | # 94     |
| 57) Fluorene                   | 15.87 | 166  | 591021   | 40.62 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.45 | 232  | 184037   | 38.26 | ng    | 94       |
| 59) Diethylphthalate           | 15.62 | 149  | 637411   | 40.41 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.85 | 204  | 332833   | 40.37 | ng    | 97       |
| 61) 4-Nitroaniline             | 15.92 | 138  | 127275   | 40.04 | ng    | # 85     |
| 62) Azobenzene                 | 16.15 | 77   | 639295   | 42.02 | ng    | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 15.97 | 198  | 133849   | 41.12 | ng    | 94       |
| 65) n-Nitrosodiphenylamine     | 16.07 | 169  | 532003   | 41.88 | ng    | 94       |
| 66) 4-Bromophenyl-phenylether  | 16.74 | 248  | 241519   | 41.65 | ng    | 97       |
| 67) Hexachlorobenzene          | 16.87 | 284  | 270041   | 40.59 | ng    | 90       |
| 68) Atrazine                   | 17.01 | 200  | 198556   | 35.67 | ng    | 97       |
| 69) Pentachlorophenol          | 17.23 | 266  | 126846   | 36.77 | ng    | 88       |
| 70) Phenanthrene               | 17.71 | 178  | 1014012  | 41.87 | ng    | 96       |
| 71) Anthracene                 | 17.71 | 178  | 1014016  | 41.21 | ng    | 99       |
| 72) Carbazole                  | 17.98 | 167  | 923724   | 41.96 | ng    | 96       |
| 73) Di-n-butylphthalate        | 18.50 | 149  | 1117570  | 41.27 | ng    | 96       |
| 74) Fluoranthene               | 19.61 | 202  | 1356717  | 42.41 | ng    | 94       |
| 76) Benzidine                  | 19.79 | 184  | 528628   | 31.63 | ng    | 98       |
| 77) Pyrene                     | 19.98 | 202  | 1389056  | 39.66 | ng    | 97       |
| 79) Butylbenzylphthalate       | 20.82 | 149  | 567698   | 40.37 | ng    | 96       |
| 80) Benzo(a)anthracene         | 21.84 | 228  | 1543641  | 41.30 | ng    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 21.75 | 252  | 598452   | 41.23 | ng    | # 95     |
| 82) Chrysene                   | 21.91 | 228  | 1473766  | 41.12 | ng    | 95       |
| 83) Bis(2-ethylhexyl)phthalate | 21.69 | 149  | 816184   | 41.71 | ng    | 97       |
| 84) Di-n-octyl phthalate       | 22.94 | 149  | 1396931  | 43.00 | ng    | 95       |
| 85) Indeno(1,2,3-cd)pyrene     | 29.18 | 276  | 1986180  | 43.59 | ng    | # 77     |
| 87) Benzo(b)fluoranthene       | 24.17 | 252  | 1625803  | 41.15 | ng    | # 97     |
| 88) Benzo(k)fluoranthene       | 24.24 | 252  | 1596527  | 41.84 | ng    | # 95     |
| 89) Benzo(a)pyrene             | 25.10 | 252  | 1601393  | 41.97 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 29.23 | 278  | 1684753  | 41.66 | ng    | 96       |
| 91) Benzo(g,h,i)perylene       | 30.42 | 276  | 1676291  | 41.71 | ng    | 98       |

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



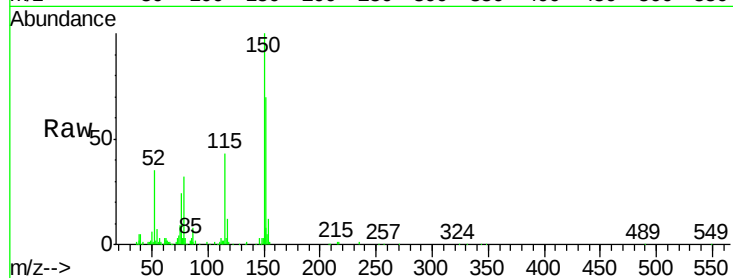


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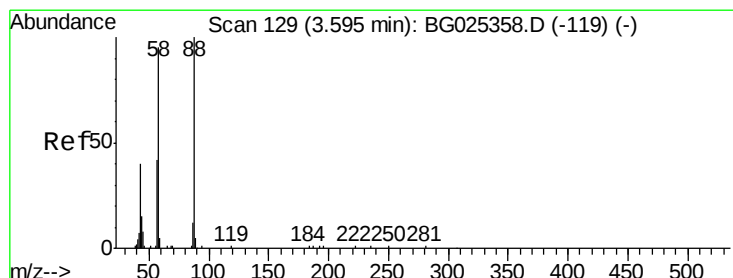
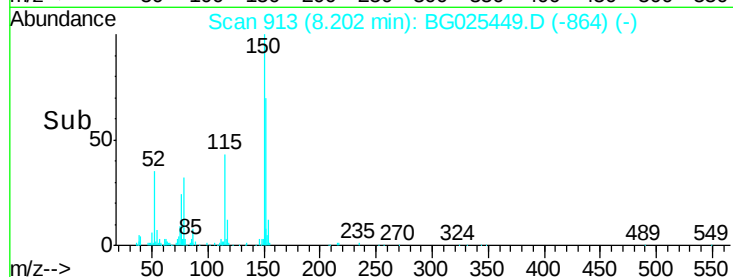
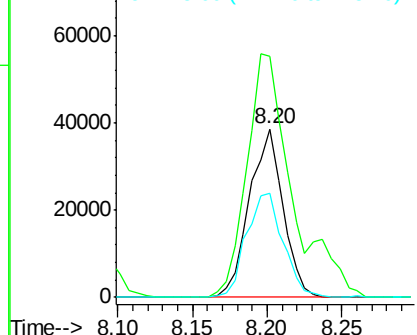
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.20 min Scan# 913  
Delta R.T. -0.01 min  
Lab File: BG025449.D  
Acq: 10 Jan 2017 3:17

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:152 Resp: 60023  
Ion Ratio Lower Upper  
152 100  
150 143.0 114.0 171.0  
115 61.9 48.1 72.1



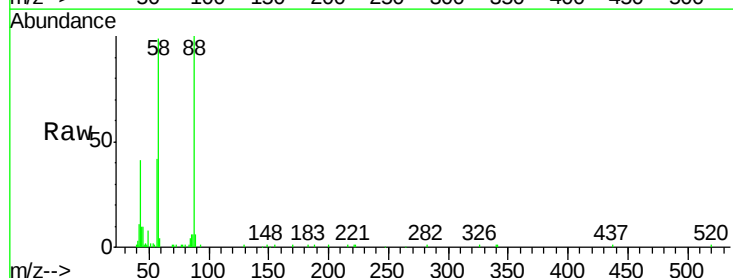
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



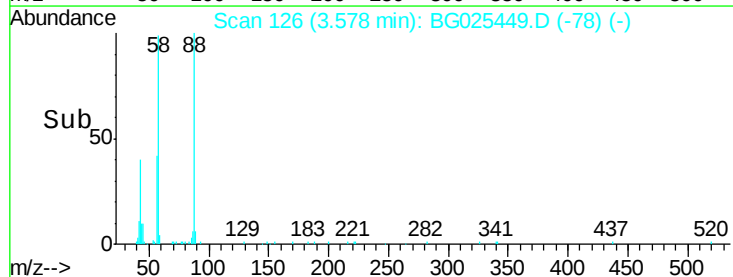
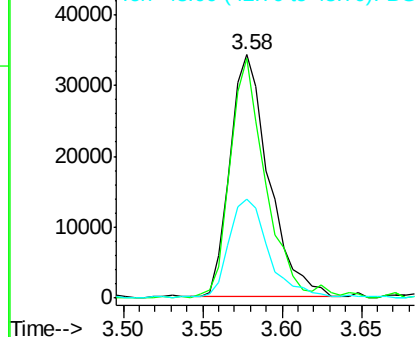
#2

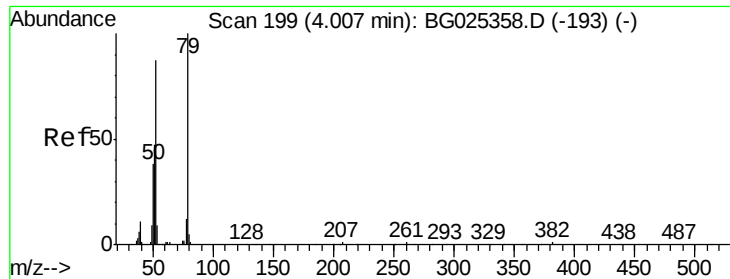
1,4-Dioxane  
Concen: 40.92 ng  
RT: 3.58 min Scan# 126  
Delta R.T. -0.02 min  
Lab File: BG025449.D  
Acq: 10 Jan 2017 3:17

Tgt Ion: 88 Resp: 57658  
Ion Ratio Lower Upper  
88 100  
58 93.0 79.4 119.2  
43 43.5 33.8 50.6



Abundance Ion 88.00 (87.70 to 88.70): BGC  
Ion 58.00 (57.70 to 58.70): BGC  
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 44.32 ng

RT: 3.99 min Scan# 197

Delta R.T. -0.01 min

Lab File: BG025449.D

Acq: 10 Jan 2017 3:17

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

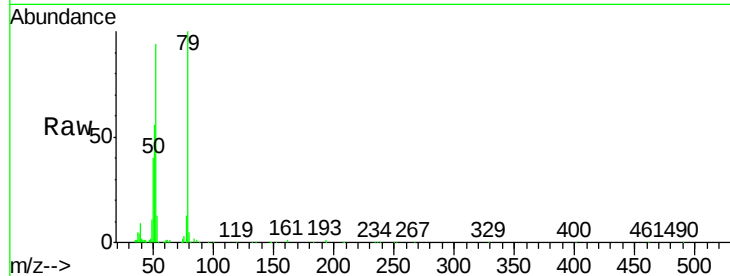
Tgt Ion: 79 Resp: 181014

Ion Ratio Lower Upper

79 100

52 93.6 77.8 116.6

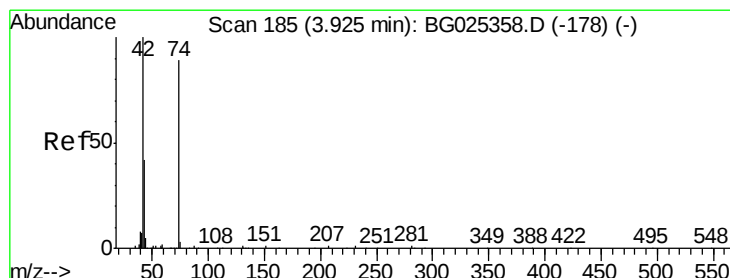
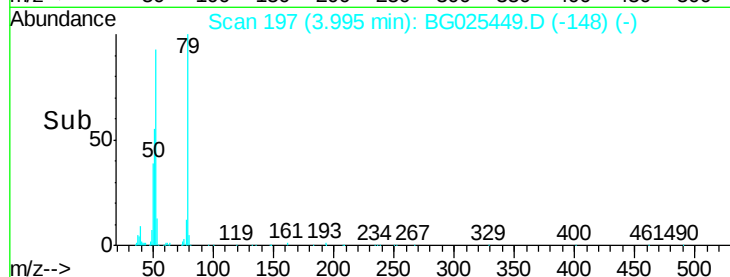
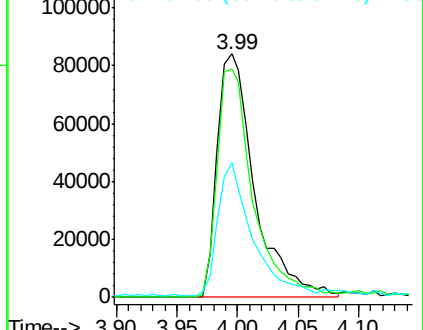
51 55.6 43.2 64.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 43.14 ng

RT: 3.92 min Scan# 184

Delta R.T. -0.01 min

Lab File: BG025449.D

Acq: 10 Jan 2017 3:17

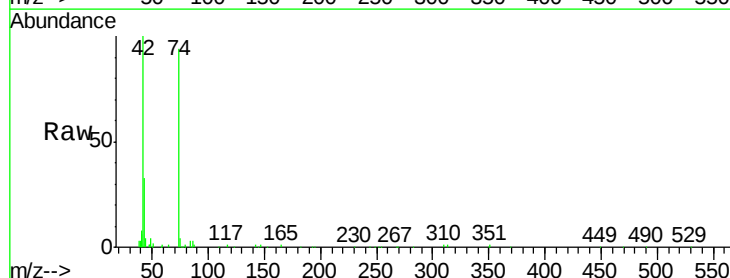
Tgt Ion: 42 Resp: 104582

Ion Ratio Lower Upper

42 100

74 94.2 76.7 115.1

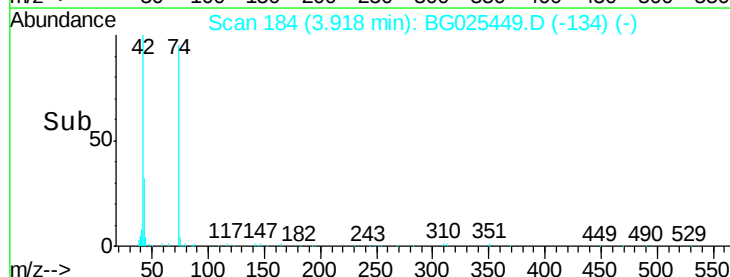
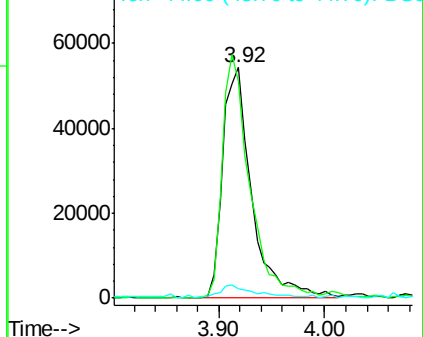
44 4.1 6.1 9.1#

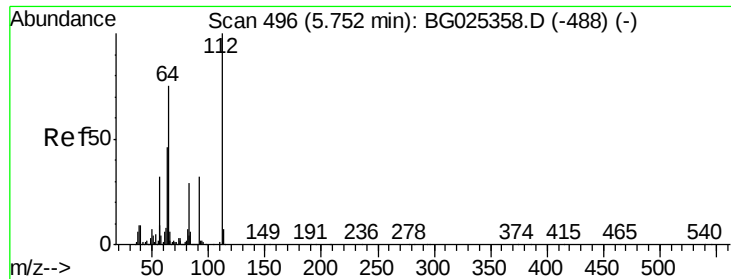


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 84.54 ng

RT: 5.73 min Scan# 493

Delta R.T. -0.02 min

Lab File: BG025449.D

Acq: 10 Jan 2017 3:17

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

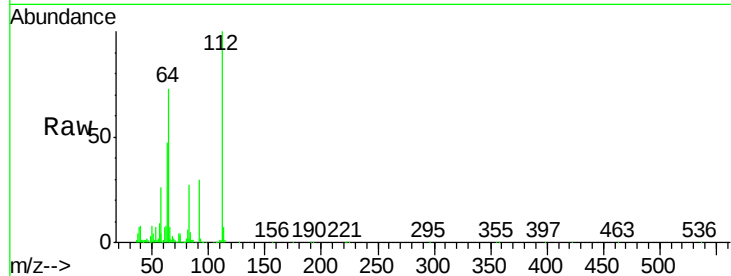
Tgt Ion: 112 Resp: 279162

Ion Ratio Lower Upper

112 100

64 73.2 61.8 92.6

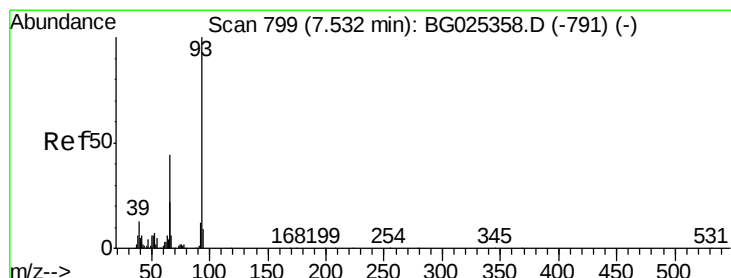
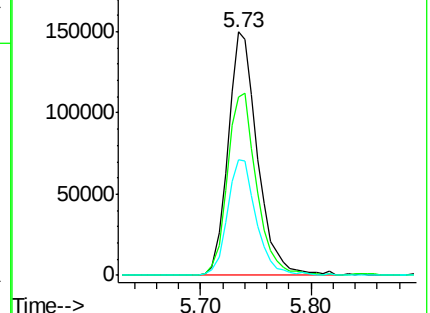
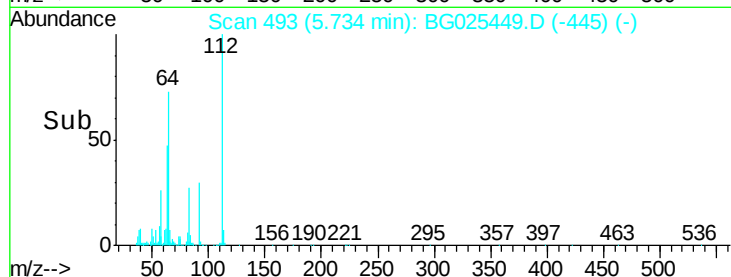
63 47.4 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 43.21 ng

RT: 7.52 min Scan# 797

Delta R.T. -0.01 min

Lab File: BG025449.D

Acq: 10 Jan 2017 3:17

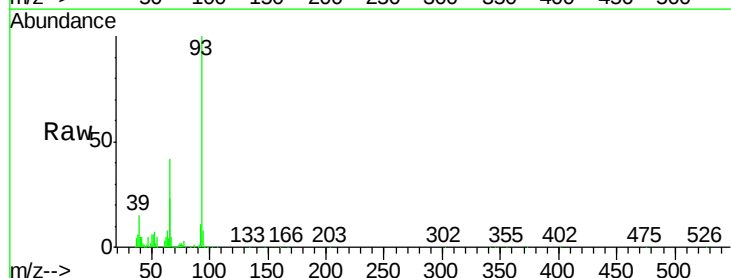
Tgt Ion: 93 Resp: 272292

Ion Ratio Lower Upper

93 100

66 41.9 35.4 53.2

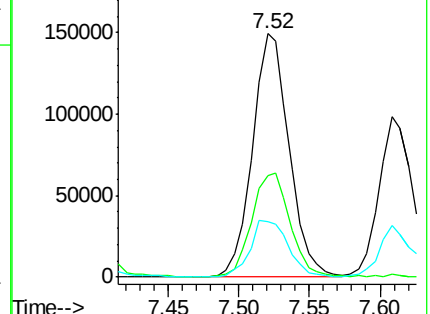
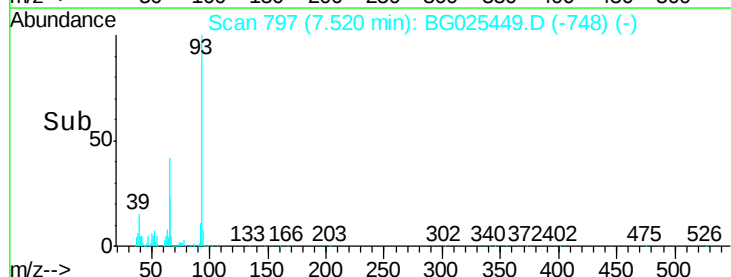
65 22.9 21.2 31.8

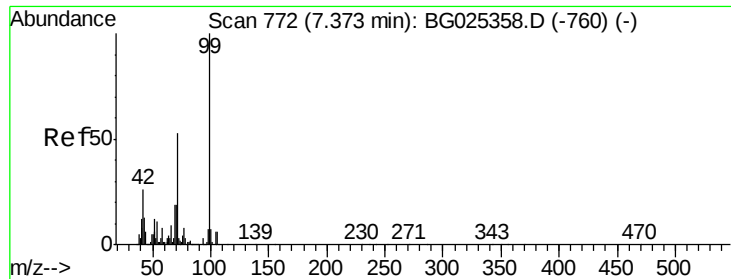


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 85.53 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG025449.D

Acq: 10 Jan 2017 3:17

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

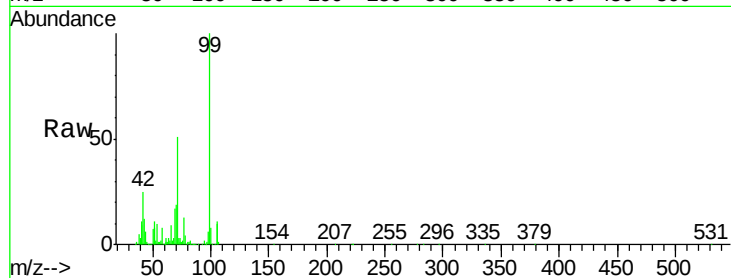
Tgt Ion: 99 Resp: 397770

Ion Ratio Lower Upper

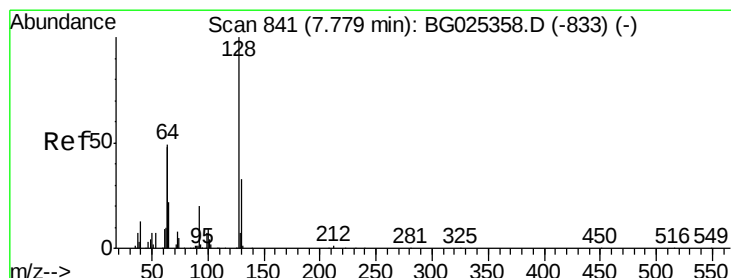
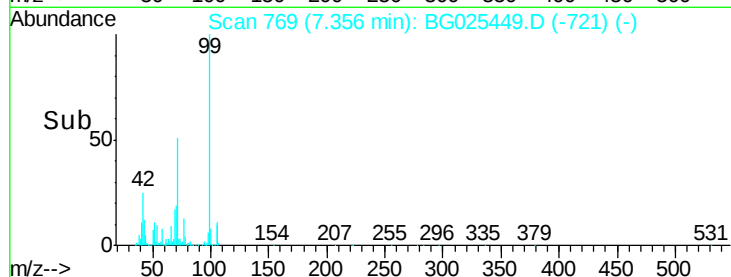
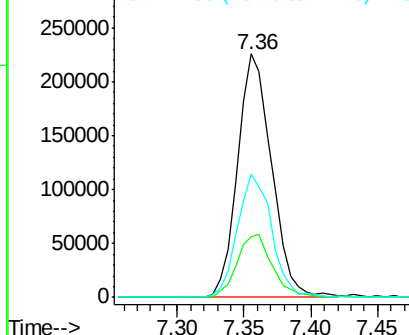
99 100

42 25.0 20.5 30.7

71 50.7 37.6 56.4



Abundance Ion 99.00 (98.70 to 99.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 41.86 ng

RT: 7.76 min Scan# 838

Delta R.T. -0.02 min

Lab File: BG025449.D

Acq: 10 Jan 2017 3:17

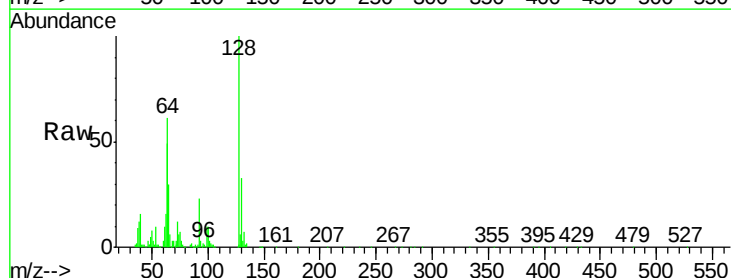
Tgt Ion: 128 Resp: 155933

Ion Ratio Lower Upper

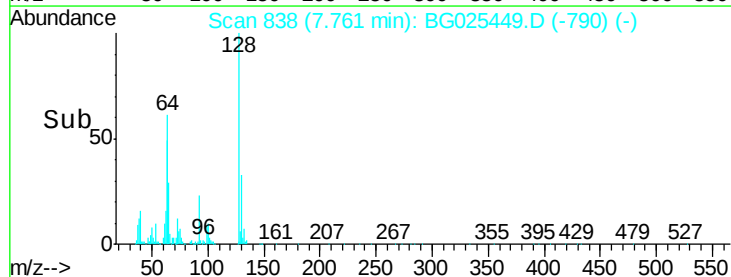
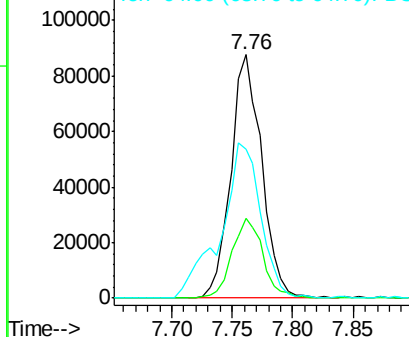
128 100

130 33.0 11.4 51.4

64 61.1 46.6 86.6



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





#9

Benzaldehyde

Concen: 36.66 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.02 min

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BNA\_G

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SSTDCCC040EC

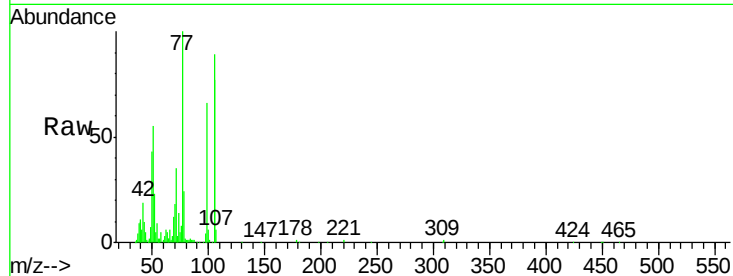
Tgt Ion: 77 Resp: 124739

Ion Ratio Lower Upper

77 100

105 88.8 60.9 100.9

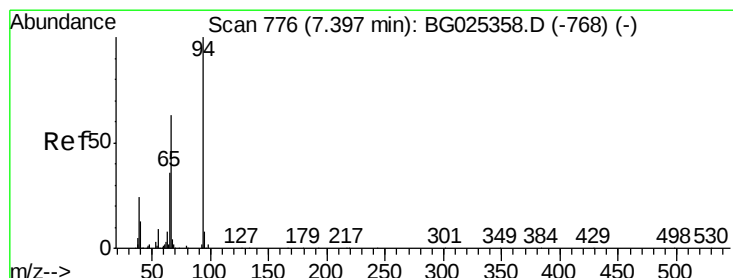
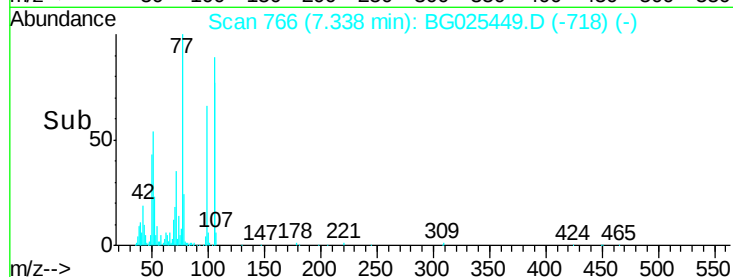
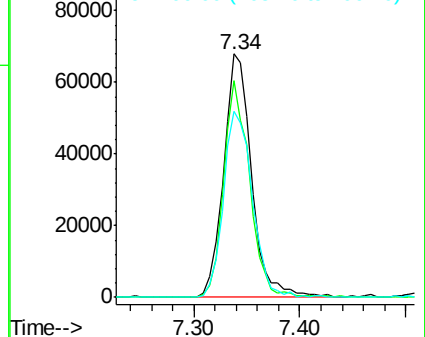
106 76.6 55.1 95.1



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



#10

Phenol

Concen: 43.39 ng

RT: 7.39 min Scan# 774

Delta R.T. -0.01 min

Lab File: BG025449.D

Acq: 10 Jan 2017 3:17

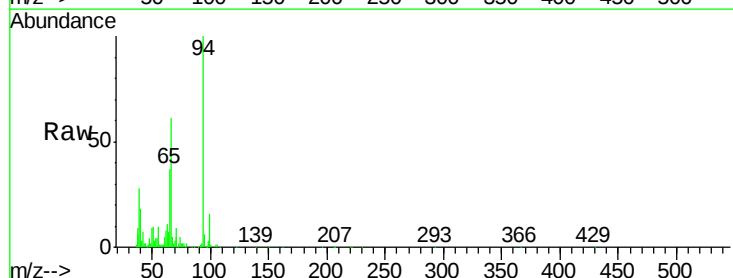
Tgt Ion: 94 Resp: 223690

Ion Ratio Lower Upper

94 100

65 36.6 20.6 60.6

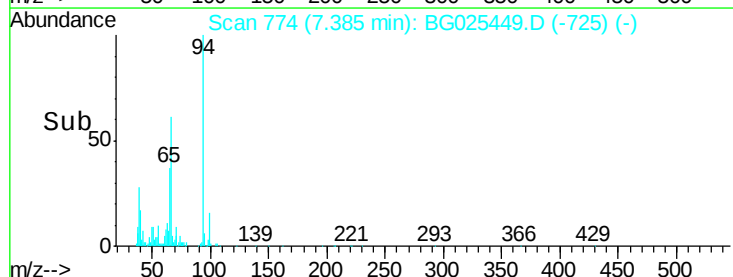
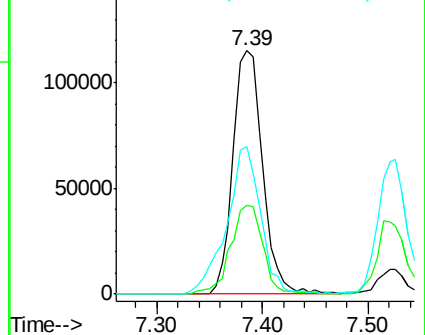
66 60.8 35.5 75.5

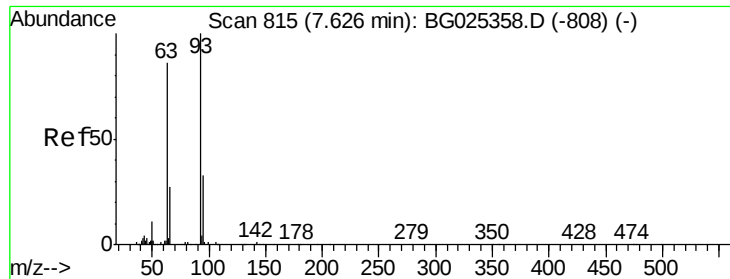


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

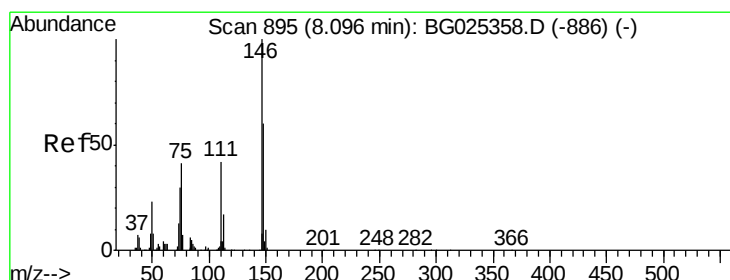
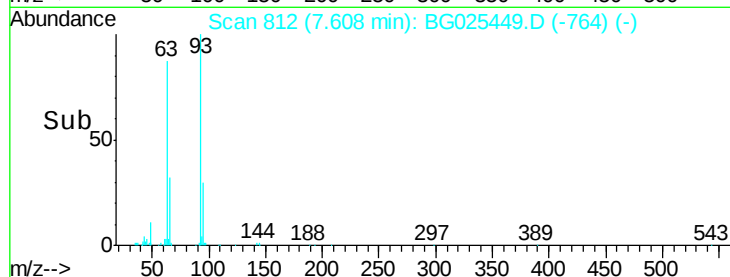
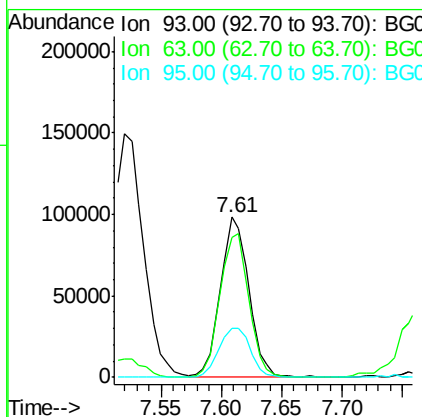
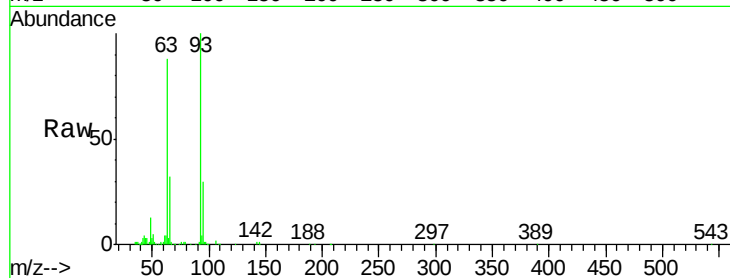




#11  
bis(2-Chloroethyl)ether  
Concen: 40.52 ng  
RT: 7.61 min Scan# 812  
Delta R.T. -0.02 min  
Lab File: BG025449.D  
Acq: 10 Jan 2017 3:17

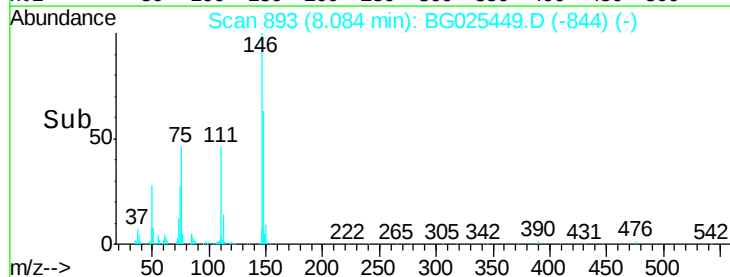
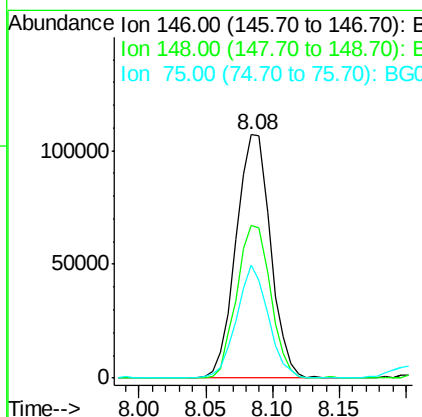
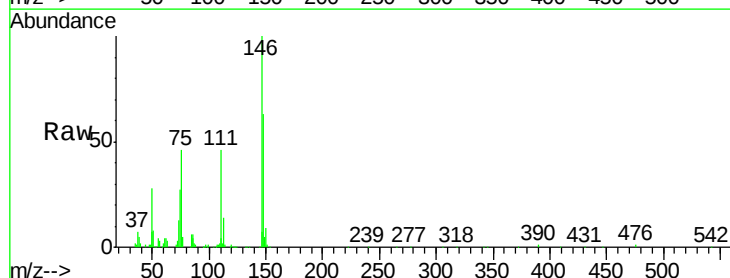
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

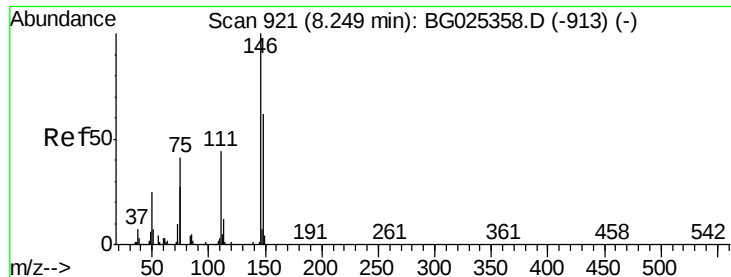
Tgt Ion: 93 Resp: 160970  
Ion Ratio Lower Upper  
93 100  
63 87.5 78.5 118.5  
95 30.3 9.8 49.8



#12  
1,3-Dichlorobenzene  
Concen: 42.48 ng  
RT: 8.08 min Scan# 893  
Delta R.T. -0.01 min  
Lab File: BG025449.D  
Acq: 10 Jan 2017 3:17

Tgt Ion: 146 Resp: 191500  
Ion Ratio Lower Upper  
146 100  
148 62.9 49.2 73.8  
75 46.4 33.4 50.2

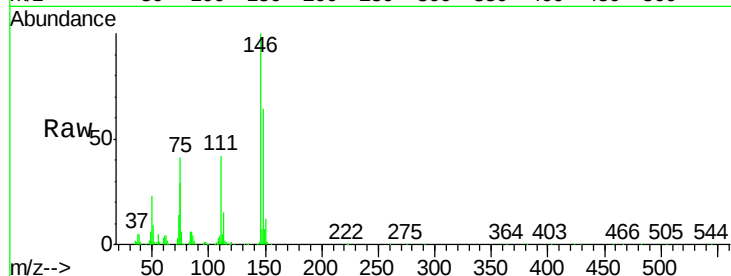




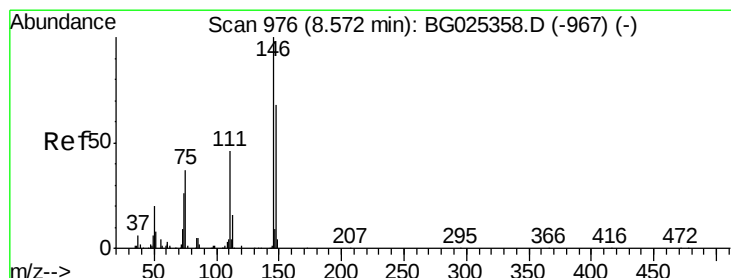
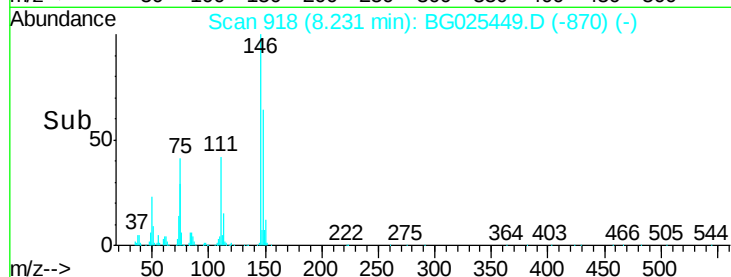
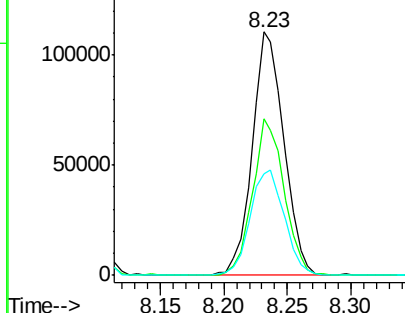
#13  
 1,4-Dichlorobenzene  
 Concen: 41.26 ng  
 RT: 8.23 min Scan# 918  
 Delta R.T. -0.02 min  
 Lab File: BG025449.D  
 Acq: 10 Jan 2017 3:17

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.3  | 52.2  | 78.2  |
| 111     | 41.9  | 37.0  | 55.6  |

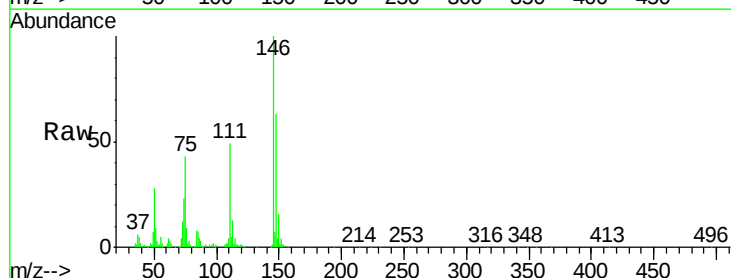


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

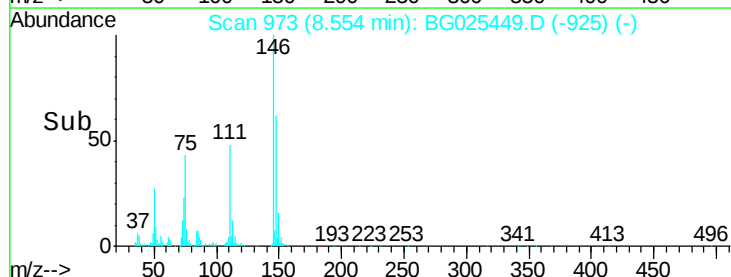
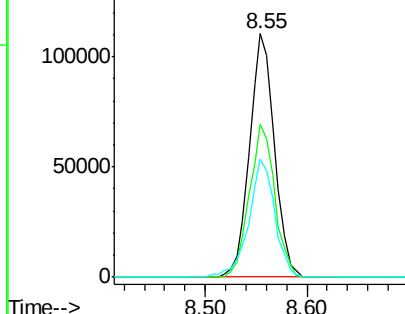


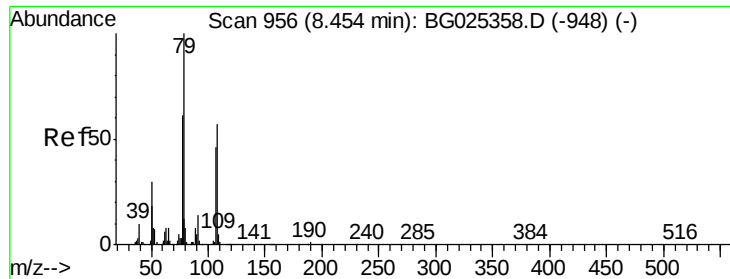
#14  
 1,2-Dichlorobenzene  
 Concen: 41.77 ng  
 RT: 8.55 min Scan# 973  
 Delta R.T. -0.02 min  
 Lab File: BG025449.D  
 Acq: 10 Jan 2017 3:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.6  | 54.6  | 81.8  |
| 111     | 48.5  | 39.7  | 59.5  |



Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.75 ng

RT: 8.45 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG025449.D

Acq: 10 Jan 2017 3:17

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

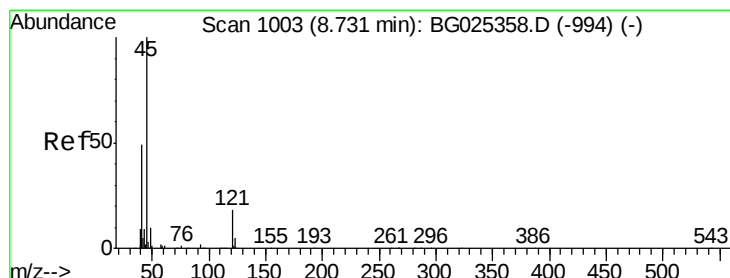
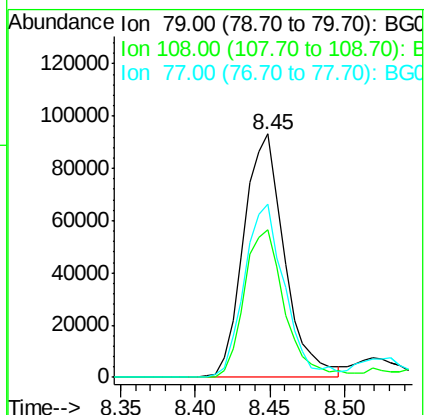
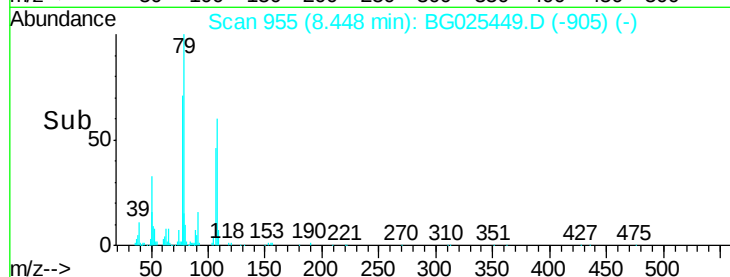
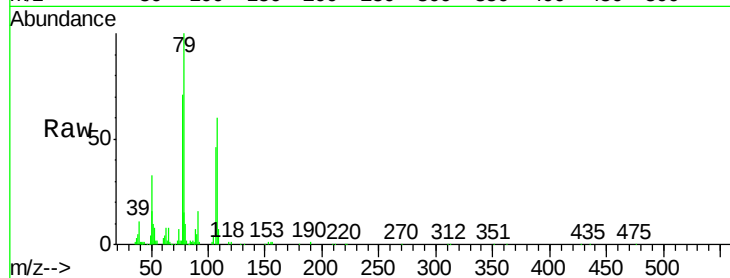
Tgt Ion: 79 Resp: 176492

Ion Ratio Lower Upper

79 100

108 60.5 45.5 68.3

77 71.0 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.92 ng

RT: 8.72 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BG025449.D

Acq: 10 Jan 2017 3:17

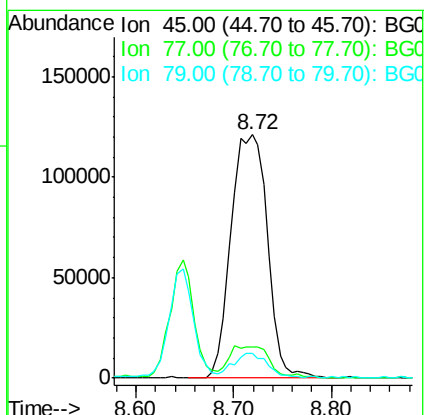
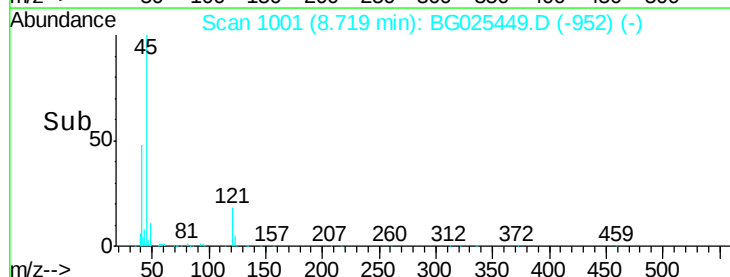
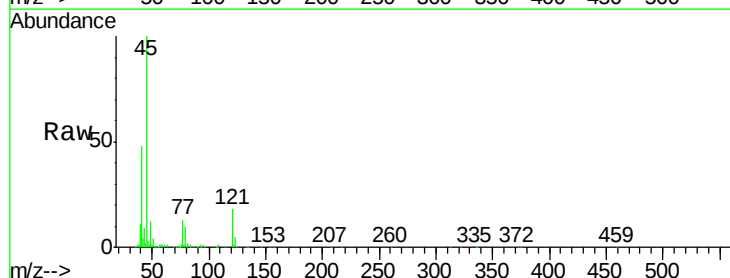
Tgt Ion: 45 Resp: 315749

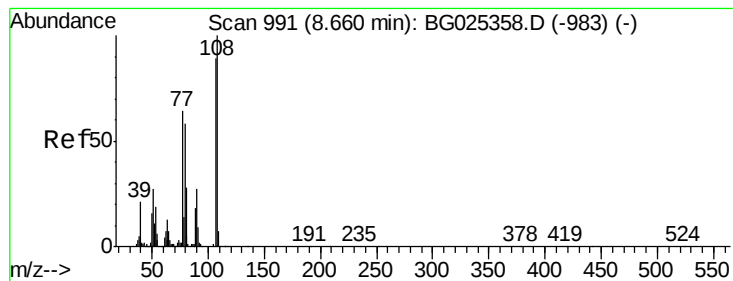
Ion Ratio Lower Upper

45 100

77 12.5 0.0 30.6

79 10.0 0.0 28.5





#17

2-Methylphenol

Concen: 43.18 ng

RT: 8.64 min Scan# 988

Delta R.T. -0.02 min

Lab File: BG025449.D

Acq: 10 Jan 2017 3:17

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 146175

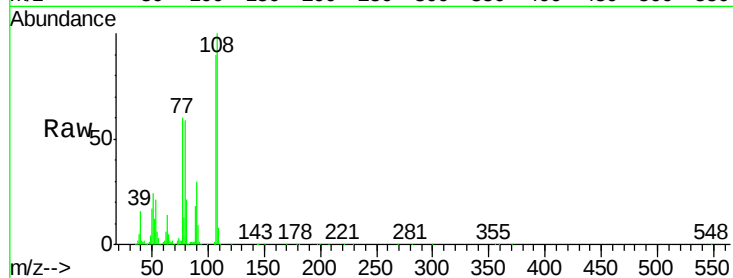
Ion Ratio Lower Upper

107 100

108 110.5 85.6 128.4

77 66.1 51.4 77.2

79 64.8 49.2 73.8

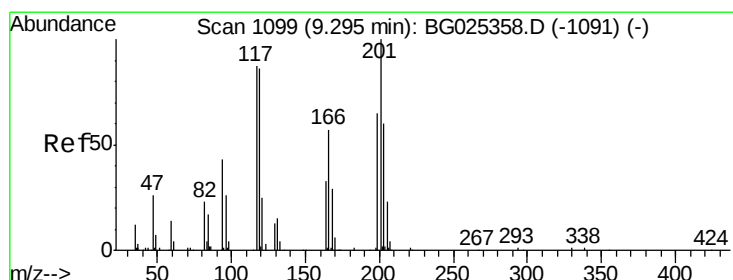
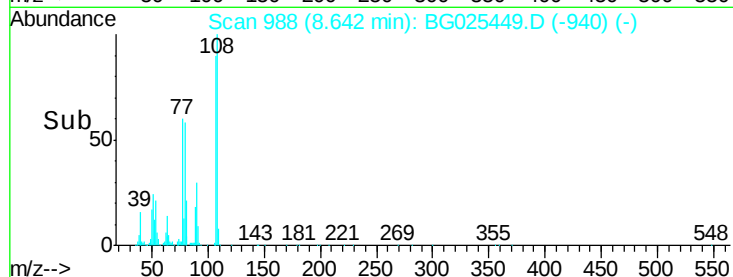
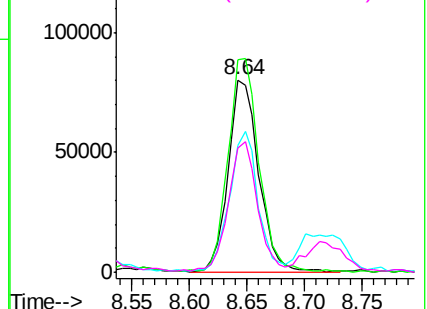


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 42.88 ng

RT: 9.28 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BG025449.D

Acq: 10 Jan 2017 3:17

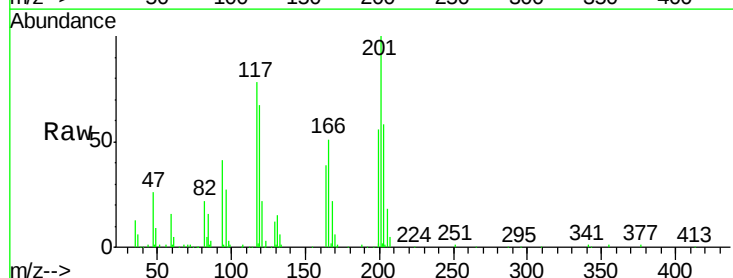
Tgt Ion:117 Resp: 76939

Ion Ratio Lower Upper

117 100

119 85.5 69.8 104.6

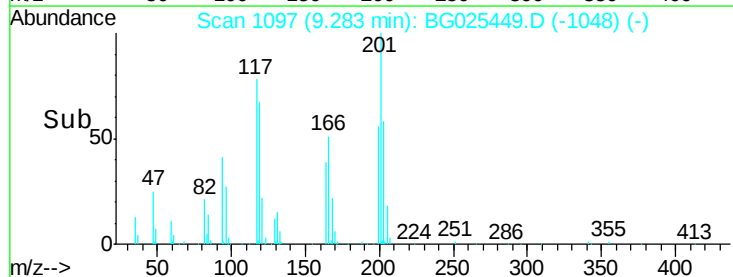
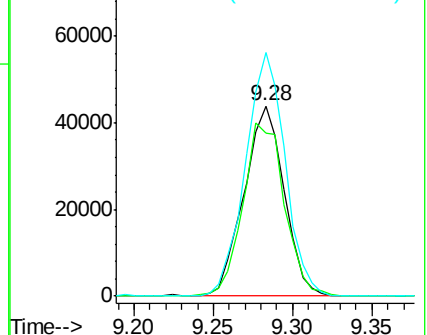
201 128.0 95.4 143.0

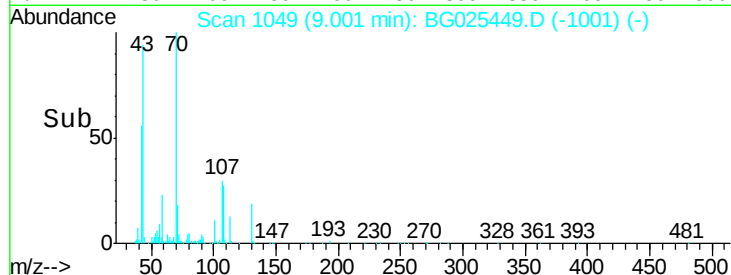
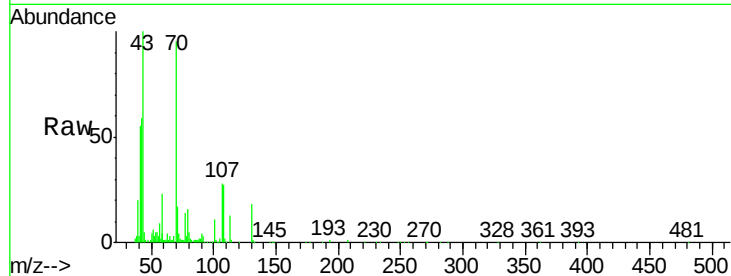
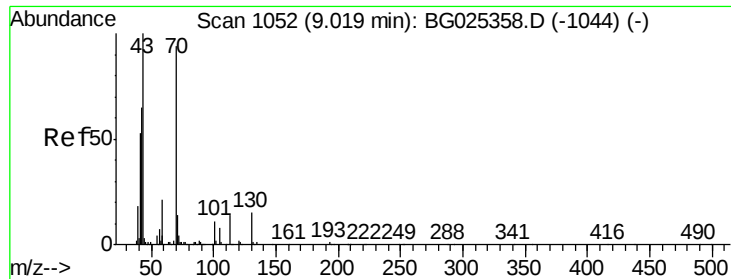


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

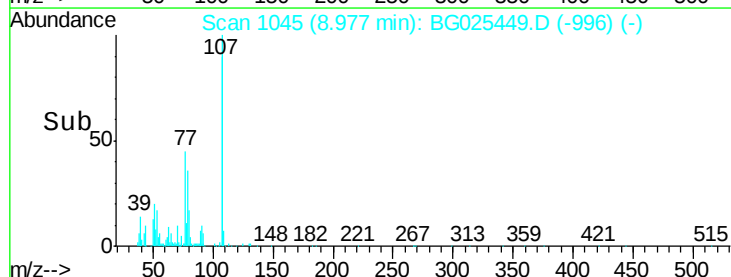
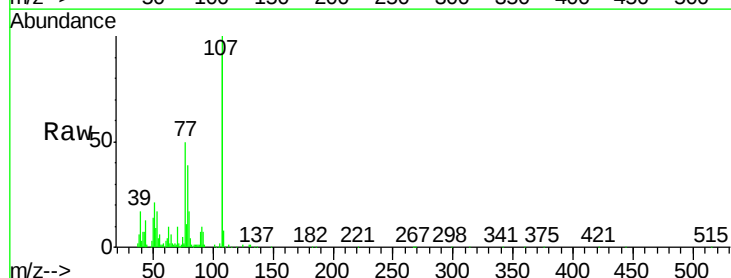
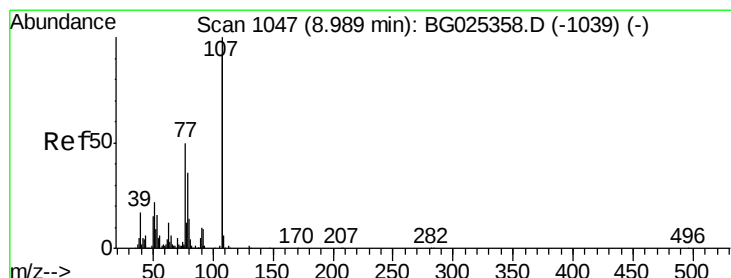
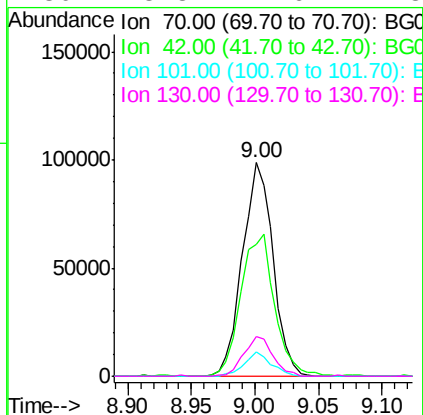




#19  
n-Nitroso-di-n-propylamine  
Concen: 42.18 ng  
RT: 9.00 min Scan# 1049  
Delta R.T. -0.02 min  
Lab File: BG025449.D  
Acq: 10 Jan 2017 3:17

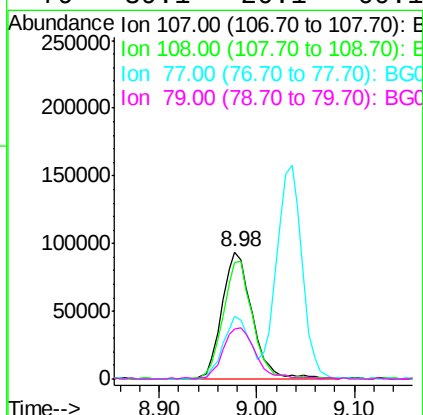
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

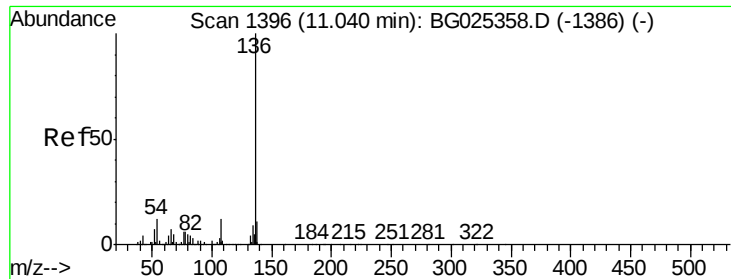
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 165679 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 61.8  | 56.1  | 84.1   |
| 101      | 11.2  | 7.5   | 11.3   |
| 130      | 18.8  | 14.6  | 21.8   |



#20  
3+4-Methylphenols  
Concen: 42.98 ng  
RT: 8.98 min Scan# 1045  
Delta R.T. -0.01 min  
Lab File: BG025449.D  
Acq: 10 Jan 2017 3:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 201370 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 91.5  | 70.8  | 110.8  |
| 77       | 49.6  | 25.8  | 65.8   |
| 79       | 39.1  | 20.1  | 60.1   |

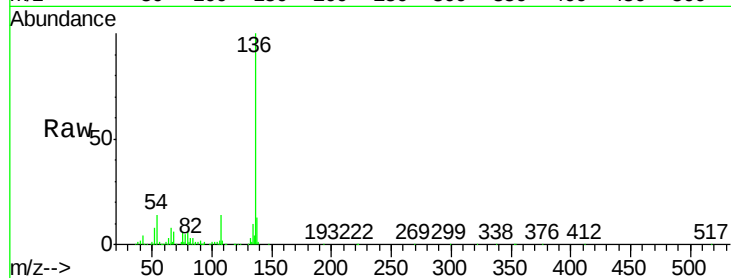




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.02 min Scan# 1393  
Delta R.T. -0.02 min  
Lab File: BG025449.D  
Acq: 10 Jan 2017 3:17

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 252866 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 12.7  | 8.9   | 13.3   |
| 54       | 13.8  | 9.3   | 13.9   |
| 68       | 6.0   | 5.1   | 7.7    |



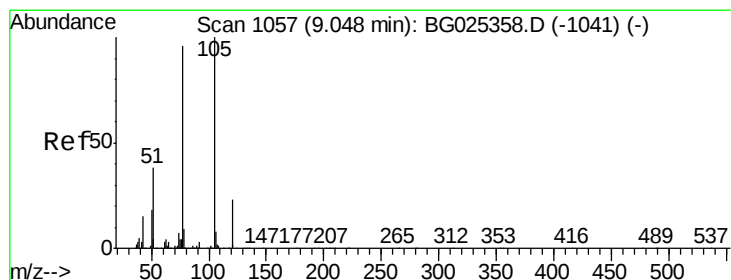
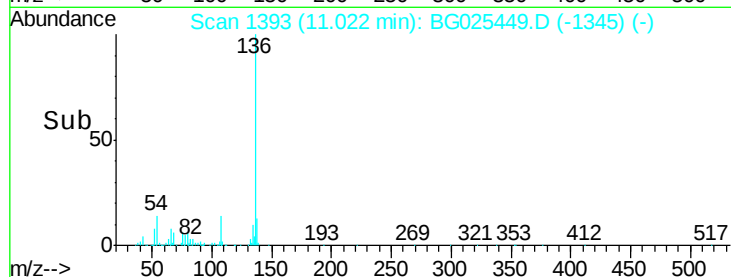
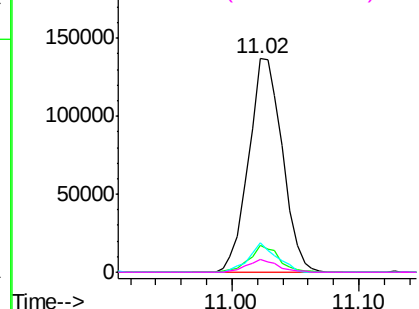
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

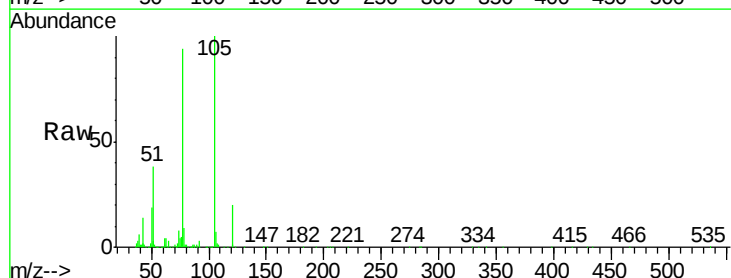
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22  
Acetophenone  
Concen: 41.77 ng  
RT: 9.04 min Scan# 1055  
Delta R.T. -0.01 min  
Lab File: BG025449.D  
Acq: 10 Jan 2017 3:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 293482 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 0.2   | 0.9   | 1.3#   |
| 51       | 38.4  | 34.0  | 51.0   |
| 120      | 19.8  | 17.3  | 25.9   |



Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

