

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041817\  
 Data File : BG026646.D  
 Acq On : 18 Apr 2017 13:07  
 Operator : SJ/MA  
 Sample : SSTDICC2.5  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC2.5

Quant Time: Apr 18 17:57:08 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 18 15:56:11 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.03  | 152  | 149528   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.83 | 136  | 626724   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.63 | 164  | 367840   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.37 | 188  | 961363   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.61 | 240  | 1254665  | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.78 | 264  | 1242426  | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |      |    |      |
|--------------------------|-------|-----|--------|------|----|------|
| 5) 2-Fluorophenol        | 5.60  | 112 | 41488  | 4.92 | ng | 0.00 |
| 7) Phenol-d6             | 7.19  | 99  | 52797  | 4.67 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.19  | 82  | 45015  | 4.32 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.12 | 330 | 28451  | 6.75 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.26 | 172 | 144132 | 5.49 | ng | 0.00 |
| 78) Terphenyl-d14        | 0.00  | 244 | 0d     | 0.00 | ng |      |

## Target Compounds

|                                |       |     |        |      |    | Qvalue |
|--------------------------------|-------|-----|--------|------|----|--------|
| 2) 1,4-Dioxane                 | 3.49  | 88  | 10731  | 2.84 | ng | # 75   |
| 3) Pyridine                    | 3.90  | 79  | 23054m | 2.23 | ng |        |
| 4) n-Nitrosodimethylamine      | 3.81  | 42  | 8478m  | 3.00 | ng |        |
| 6) Aniline                     | 7.35  | 93  | 27475  | 1.82 | ng | # 85   |
| 8) 2-Chlorophenol              | 7.59  | 128 | 24698  | 2.60 | ng | # 83   |
| 9) Benzaldehyde                | 7.17  | 77  | 19456  | 2.55 | ng | # 54   |
| 10) Phenol                     | 7.22  | 94  | 27892  | 2.31 | ng | # 71   |
| 11) bis(2-Chloroethyl)ether    | 7.44  | 93  | 23879  | 2.41 | ng | # 82   |
| 12) 1,3-Dichlorobenzene        | 7.92  | 146 | 29802  | 2.64 | ng | # 85   |
| 13) 1,4-Dichlorobenzene        | 8.06  | 146 | 30917m | 2.71 | ng |        |
| 14) 1,2-Dichlorobenzene        | 8.38  | 146 | 28292  | 2.59 | ng | # 93   |
| 15) Benzyl Alcohol             | 8.26  | 79  | 15815  | 2.13 | ng | # 81   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.56  | 45  | 24484  | 2.23 | ng | # 86   |
| 17) 2-Methylphenol             | 8.48  | 107 | 19918  | 2.32 | ng | # 82   |
| 18) Hexachloroethane           | 9.11  | 117 | 9652   | 2.58 | ng | # 94   |
| 19) n-Nitroso-di-n-propylamine | 8.82  | 70  | 17321  | 2.38 | ng | # 69   |
| 20) 3+4-Methylphenols          | 8.80  | 107 | 25485  | 2.16 | ng | # 79   |
| 22) Acetophenone               | 8.85  | 105 | 35446  | 2.46 | ng | # 76   |
| 24) Nitrobenzene               | 9.23  | 77  | 23253  | 2.26 | ng | # 69   |
| 25) Isophorone                 | 9.75  | 82  | 46291  | 2.36 | ng | # 87   |
| 26) 2-Nitrophenol              | 9.95  | 139 | 13100  | 2.45 | ng | # 60   |
| 27) 2,4-Dimethylphenol         | 10.00 | 122 | 23333  | 2.65 | ng | # 91   |
| 28) bis(2-Chloroethoxy)methane | 10.23 | 93  | 29650  | 2.32 | ng | # 96   |
| 29) 2,4-Dichlorophenol         | 10.49 | 162 | 21934  | 2.47 | ng | # 93   |
| 30) 1,2,4-Trichlorobenzene     | 10.69 | 180 | 27330  | 2.74 | ng | # 95   |
| 31) Naphthalene                | 10.88 | 128 | 81171  | 2.56 | ng | # 99   |
| 33) 4-Chloroaniline            | 11.00 | 127 | 30576  | 2.37 | ng | # 74   |
| 34) Hexachlorobutadiene        | 11.16 | 225 | 15762  | 2.68 | ng | # 96   |
| 35) Caprolactam                | 11.73 | 113 | 8661   | 2.47 | ng | # 45   |
| 36) 4-Chloro-3-methylphenol    | 12.11 | 107 | 22670  | 2.38 | ng | # 74   |
| 37) 2-Methylnaphthalene        | 12.48 | 142 | 60356  | 2.60 | ng | # 89   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.84 | 216 | 28794  | 2.60 | ng | # 97   |
| 42) 2,4,6-Trichlorophenol      | 13.09 | 196 | 19602  | 2.71 | ng | # 91   |
| 43) 2,4,5-Trichlorophenol      | 13.17 | 196 | 21378  | 2.67 | ng | # 87   |

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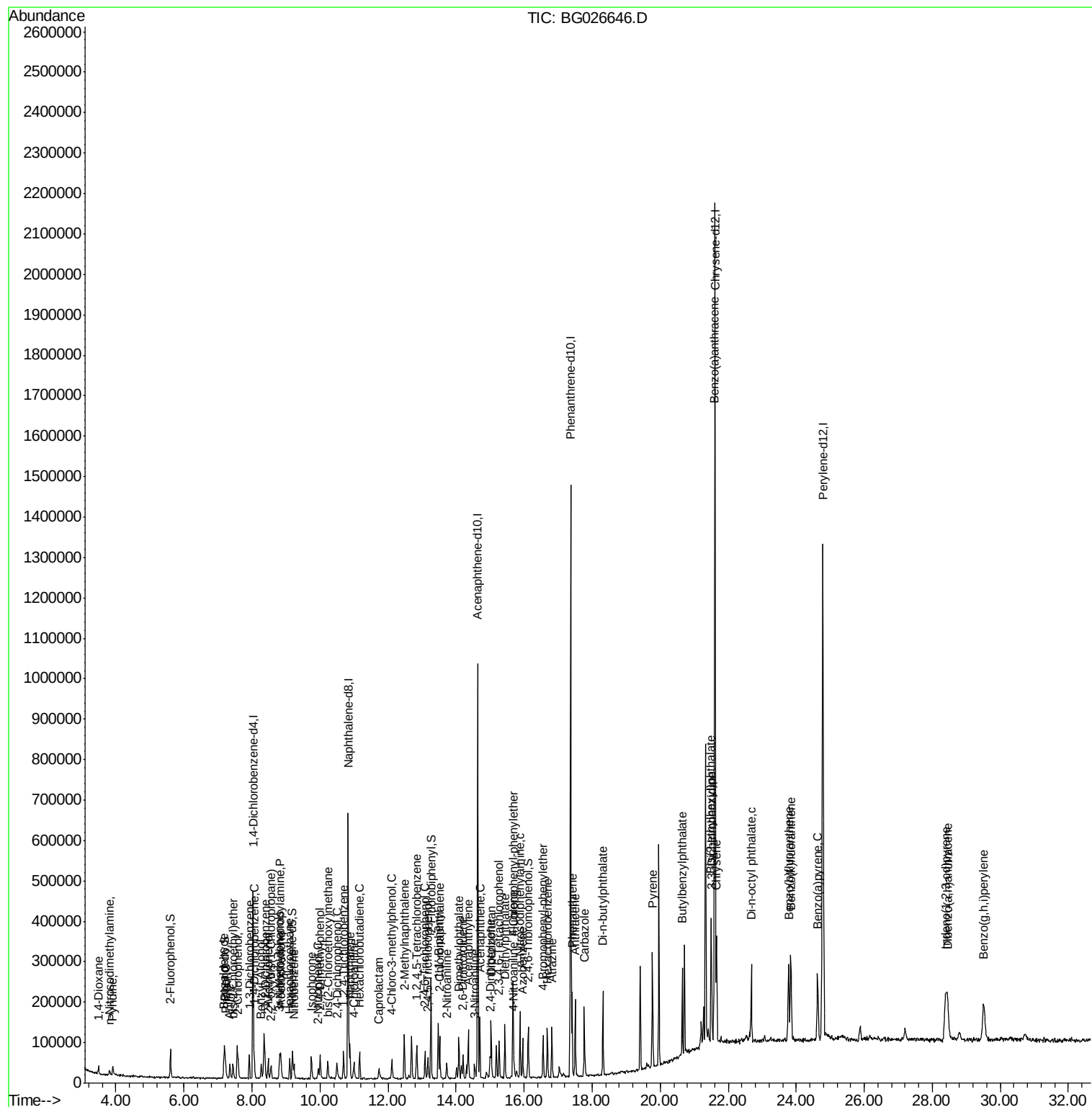
| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 45) 1,1'-Biphenyl              | 13.48 | 154  | 81166    | 2.66 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 13.52 | 162  | 61173    | 2.75 | nq    | 93       |
| 47) 2-Nitroaniline             | 13.72 | 65   | 12890m   | 2.04 | nq    |          |
| 48) Acenaphthylene             | 14.36 | 152  | 97340    | 2.51 | nq    | 97       |
| 49) Dimethylphthalate          | 14.08 | 163  | 75869    | 2.73 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.20 | 165  | 14759    | 2.28 | nq    | # 67     |
| 51) Acenaphthene               | 14.70 | 154  | 63551    | 2.66 | nq    | 98       |
| 52) 3-Nitroaniline             | 14.55 | 138  | 17170    | 2.41 | nq    | # 57     |
| 54) Dibenzofuran               | 15.03 | 168  | 101243   | 3.01 | nq    | # 84     |
| 56) 2,4-Dinitrotoluene         | 15.00 | 165  | 20226    | 2.22 | nq    | # 71     |
| 57) Fluorene                   | 15.68 | 166  | 82008    | 2.74 | nq    | 93       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.26 | 232  | 24678    | 3.53 | nq    | # 98     |
| 59) Diethylphthalate           | 15.44 | 149  | 81220    | 2.86 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.67 | 204  | 38864    | 2.74 | nq    | 87       |
| 61) 4-Nitroaniline             | 15.70 | 138  | 16697    | 2.21 | nq    | # 57     |
| 62) Azobenzene                 | 15.96 | 77   | 57986    | 2.51 | nq    | 81       |
| 65) n-Nitrosodiphenylamine     | 15.88 | 169  | 70466    | 2.50 | nq    | 96       |
| 66) 4-Bromophenyl-phenylether  | 16.55 | 248  | 26199    | 2.65 | nq    | 92       |
| 67) Hexachlorobenzene          | 16.68 | 284  | 29314    | 2.78 | nq    | # 82     |
| 68) Atrazine                   | 16.82 | 200  | 26548    | 2.49 | nq    | 97       |
| 70) Phenanthrene               | 17.41 | 178  | 137708   | 2.67 | nq    | # 92     |
| 71) Anthracene                 | 17.51 | 178  | 139235m  | 2.64 | nq    |          |
| 72) Carbazole                  | 17.77 | 167  | 132755   | 2.45 | nq    | # 93     |
| 73) Di-n-butylphthalate        | 18.32 | 149  | 158478   | 2.84 | nq    | # 89     |
| 77) Pyrene                     | 19.77 | 202  | 184930   | 2.55 | nq    | # 93     |
| 79) Butylbenzylphthalate       | 20.65 | 149  | 76080    | 2.62 | nq    | # 78     |
| 80) Benzo(a)anthracene         | 21.60 | 228  | 189938   | 2.69 | nq    | 94       |
| 81) 3,3'-Dichlorobenzidine     | 21.51 | 252  | 72094    | 2.49 | nq    | # 98     |
| 82) Chrysene                   | 21.66 | 228  | 174821   | 2.59 | nq    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 21.49 | 149  | 116966   | 2.66 | nq    | # 97     |
| 84) Di-n-octyl phthalate       | 22.68 | 149  | 181552   | 2.42 | nq    | # 82     |
| 85) Indeno(1,2,3-cd)pyrene     | 28.38 | 276  | 209043   | 2.51 | nq    | # 95     |
| 87) Benzo(b)fluoranthene       | 23.78 | 252  | 185255   | 2.53 | nq    | # 94     |
| 88) Benzo(k)fluoranthene       | 23.84 | 252  | 182735   | 2.57 | nq    | # 90     |
| 89) Benzo(a)pyrene             | 24.63 | 252  | 179274   | 2.55 | nq    | # 92     |
| 90) Dibenzo(a,h)anthracene     | 28.44 | 278  | 165371   | 2.33 | nq    | # 94     |
| 91) Benzo(g,h,i)perylene       | 29.50 | 276  | 179545   | 2.51 | nq    | # 90     |

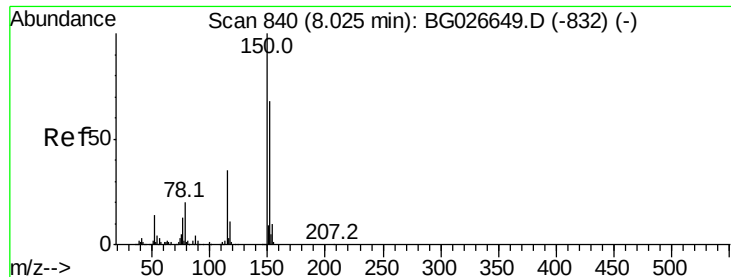
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

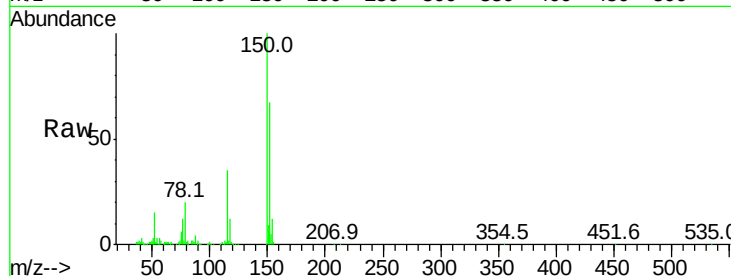
Tot Ion:152 Resp: 149528

Ion Ratio Lower Upper

152 100

150 149.1 114.0 171.0

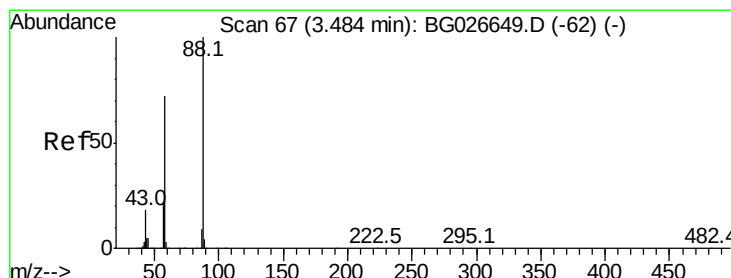
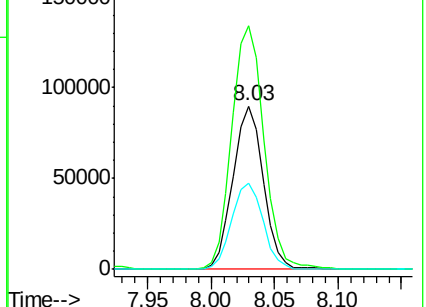
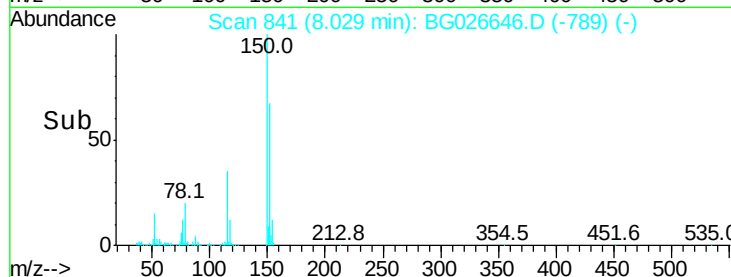
115 52.4 48.1 72.1



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: 2.84 ng

RT: 3.49 min Scan# 68

Delta R.T. 0.00 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

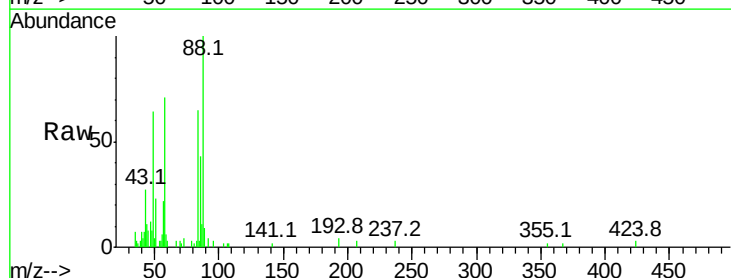
Tgt Ion: 88 Resp: 10731

Ion Ratio Lower Upper

88 100

58 75.7 79.4 119.2#

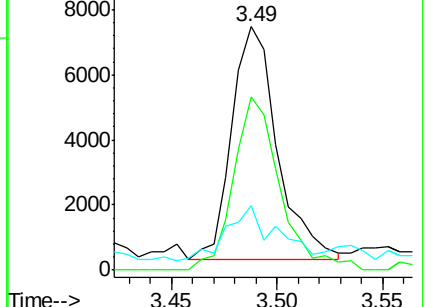
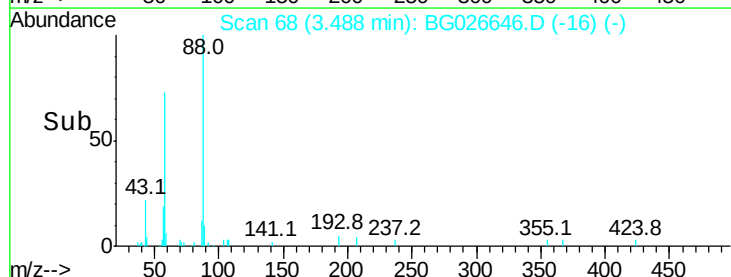
43 25.3 33.8 50.6#

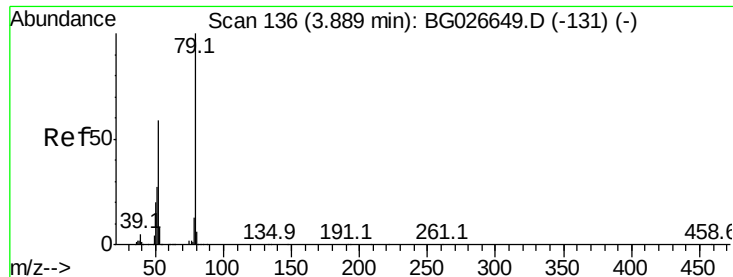


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 2.23 ng m

RT: 3.90 min Scan# 139

Delta R.T. 0.02 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

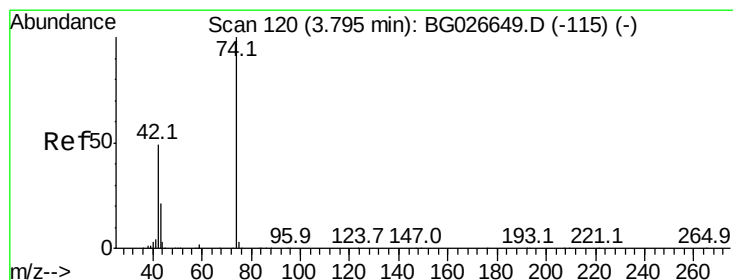
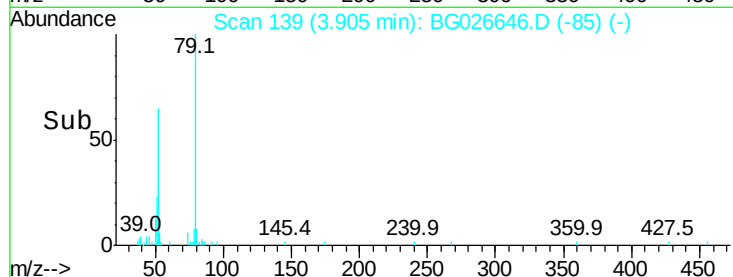
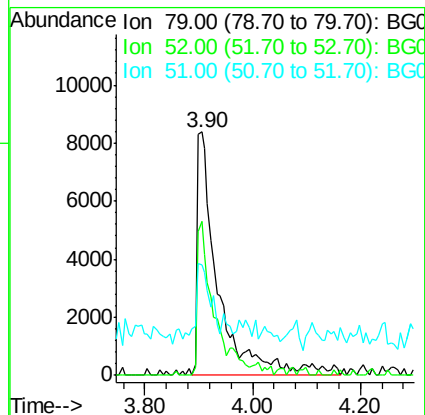
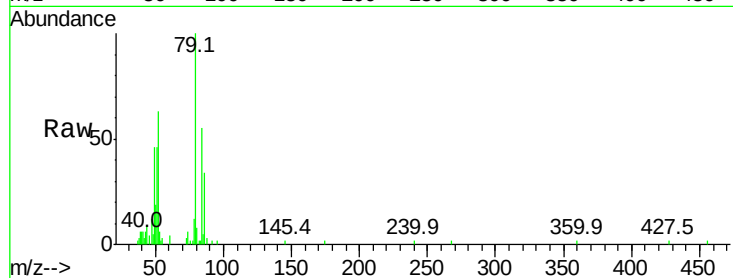
Tot Ion: 79 Resp: 23054

Ion Ratio Lower Upper

79 100

52 63.3 77.8 116.6#

51 45.5 43.2 64.8



#4

n-Nitrosodimethylamine

Concen: 3.00 ng m

RT: 3.81 min Scan# 123

Delta R.T. 0.02 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

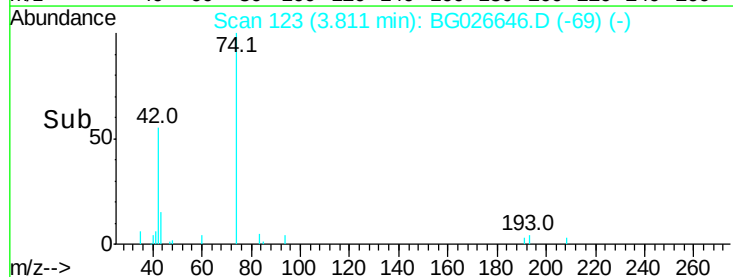
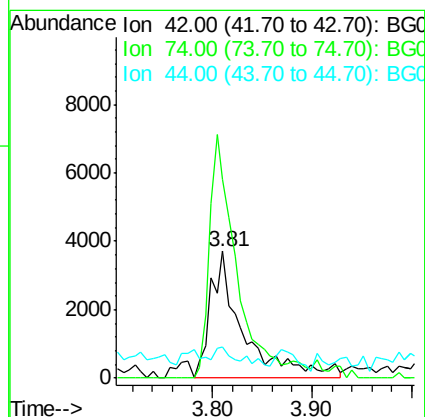
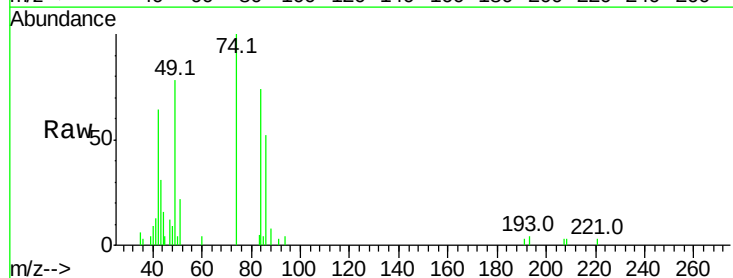
Tgt Ion: 42 Resp: 8478

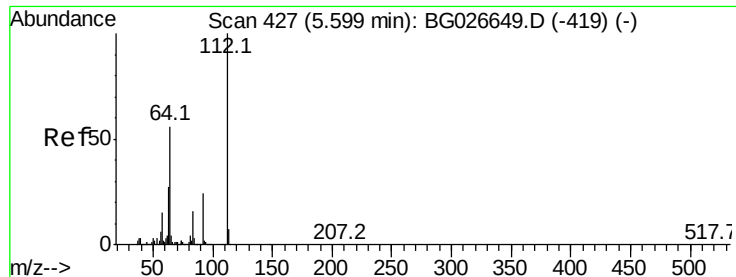
Ion Ratio Lower Upper

42 100

74 156.6 76.7 115.1#

44 24.5 6.1 9.1#





#5

2-Fluorophenol

Concen: 4.92 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

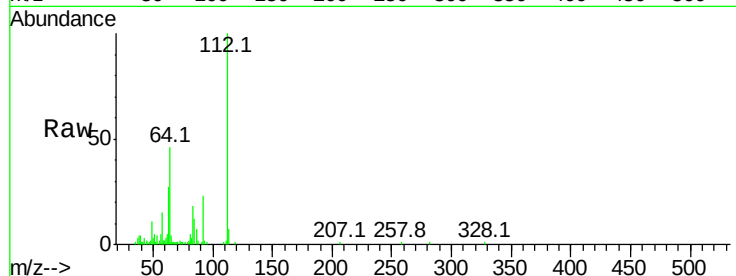
Tot Ion:112 Resp: 41488

Ion Ratio Lower Upper

112 100

64 46.1 61.8 92.6#

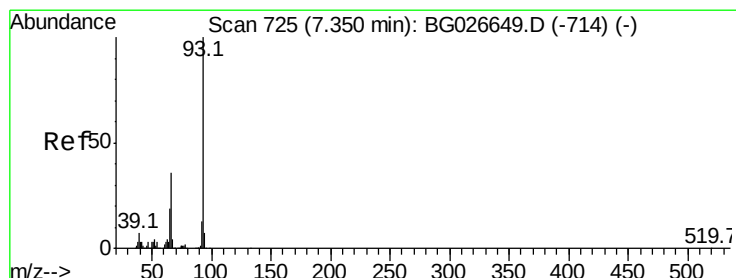
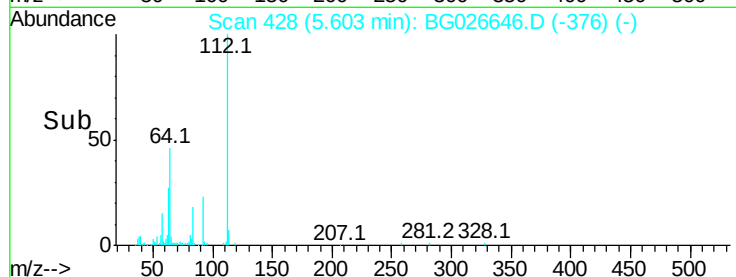
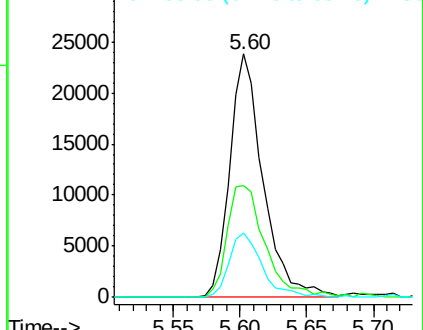
63 26.5 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 1.82 ng

RT: 7.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

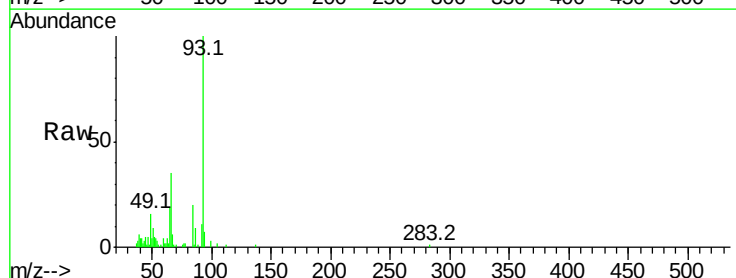
Tgt Ion: 93 Resp: 27475

Ion Ratio Lower Upper

93 100

66 34.6 35.4 53.2#

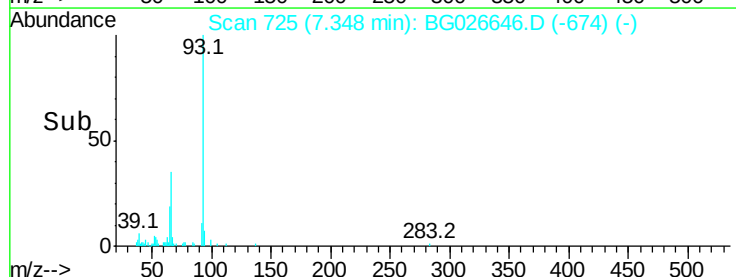
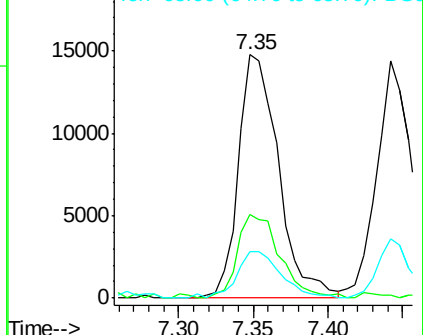
65 18.9 21.2 31.8#

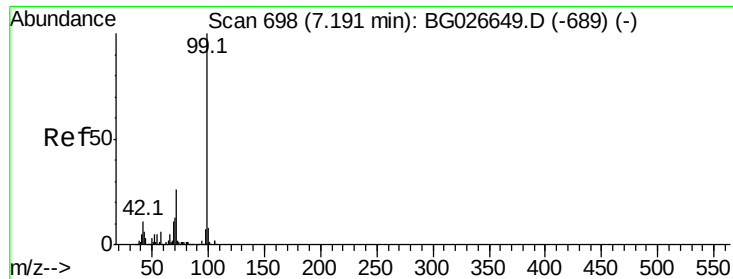


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 4.67 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

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ClientSampleId :

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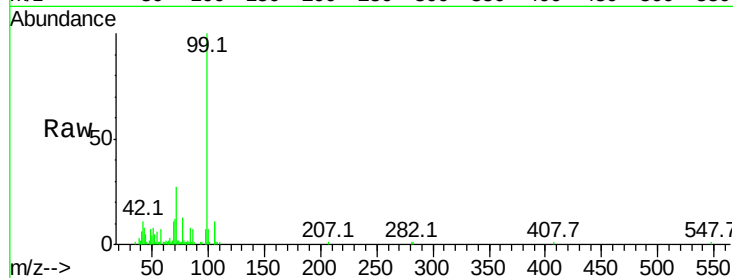
Tot Ion: 99 Resp: 52797

Ion Ratio Lower Upper

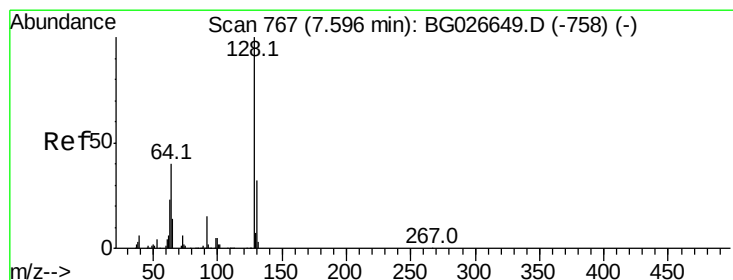
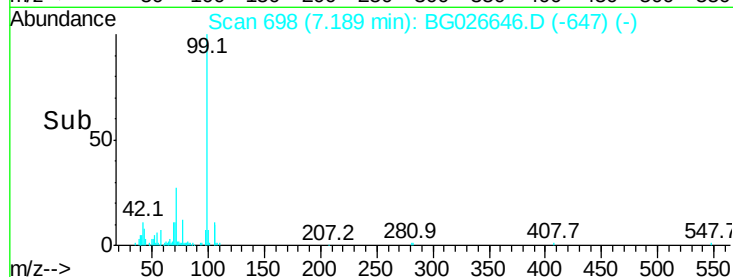
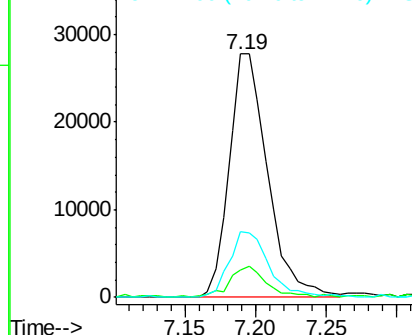
99 100

42 11.3 20.5 30.7#

71 26.9 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: 2.60 ng

RT: 7.59 min Scan# 767

Delta R.T. -0.00 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

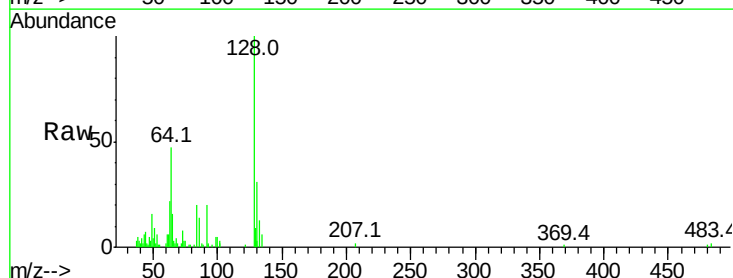
Tgt Ion: 128 Resp: 24698

Ion Ratio Lower Upper

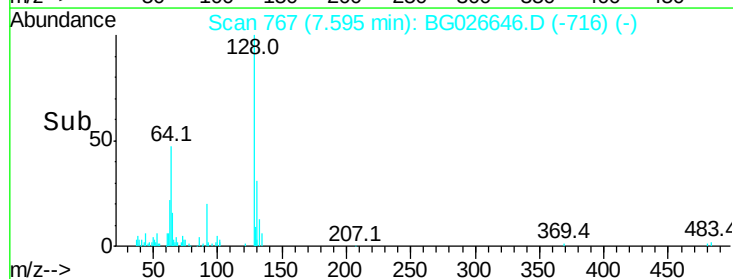
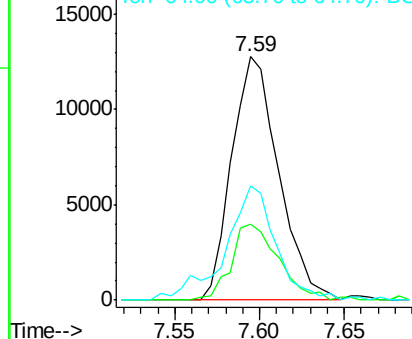
128 100

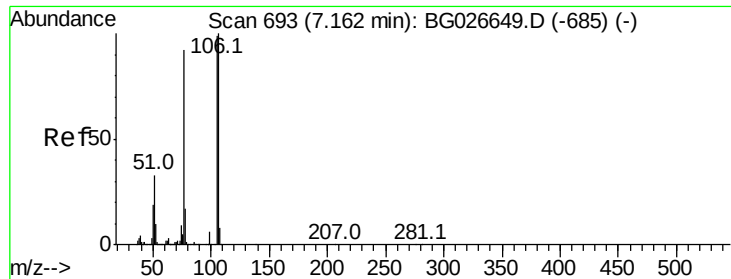
130 31.0 11.4 51.4

64 46.9 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: 2.55 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

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BNA\_G

ClientSampleId :

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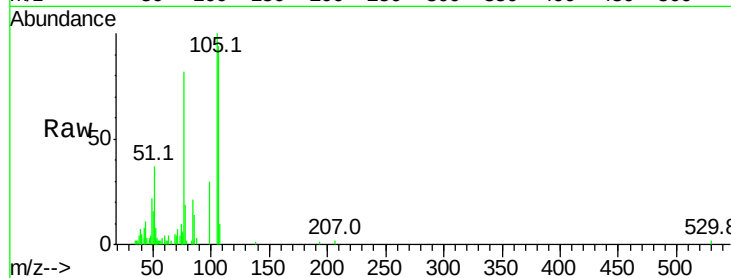
Tot Ion: 77 Resp: 19456

Ion Ratio Lower Upper

77 100

105 122.1 60.9 100.9#

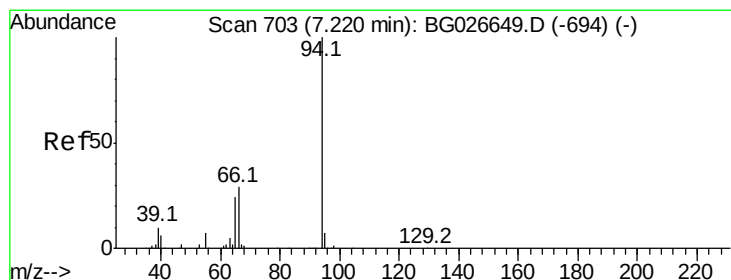
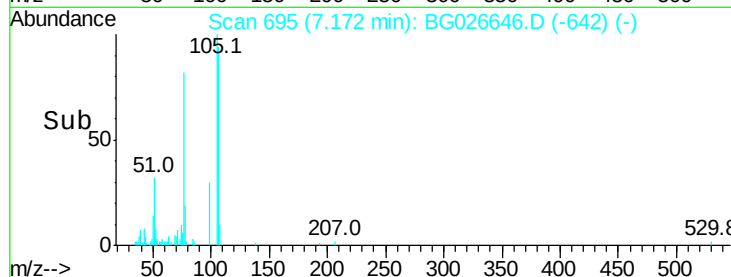
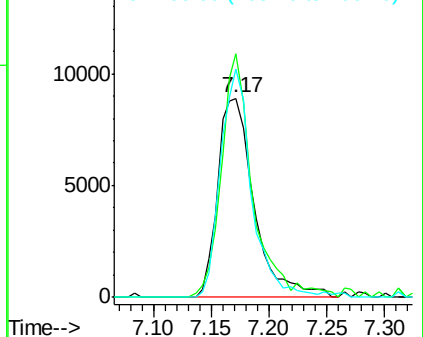
106 114.5 55.1 95.1#



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: 2.31 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

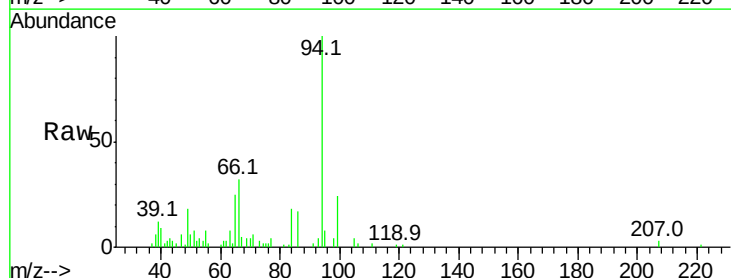
Tgt Ion: 94 Resp: 27892

Ion Ratio Lower Upper

94 100

65 25.2 20.6 60.6

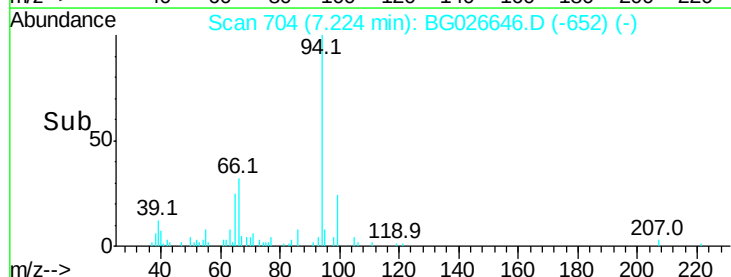
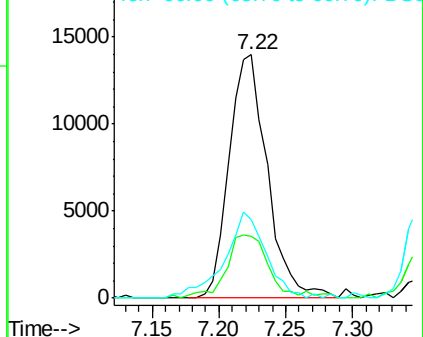
66 32.1 35.5 75.5#



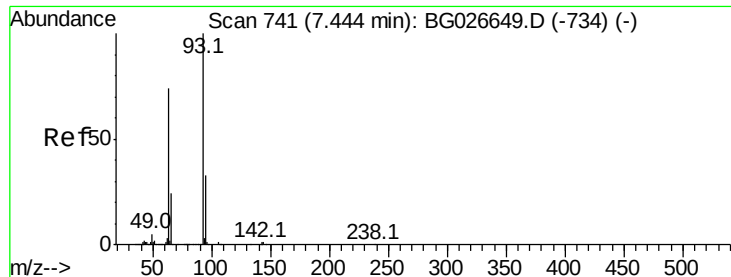
Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



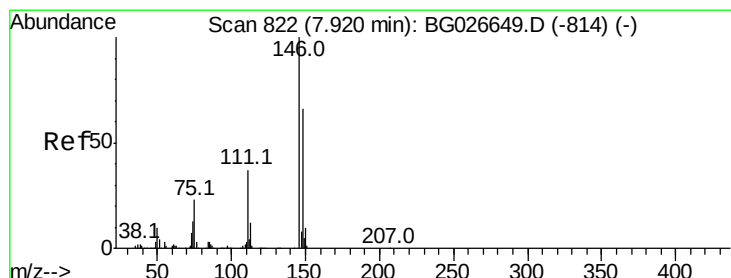
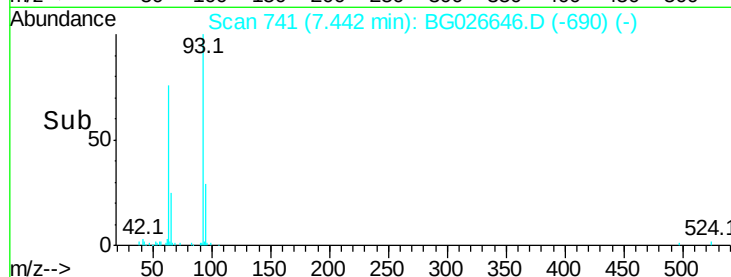
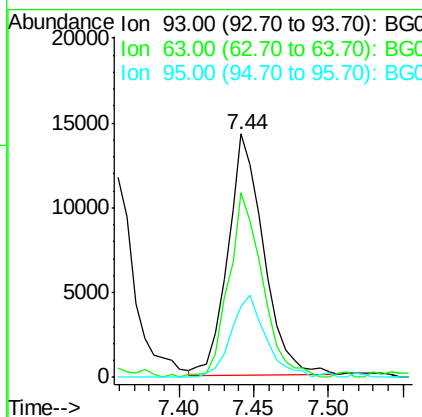
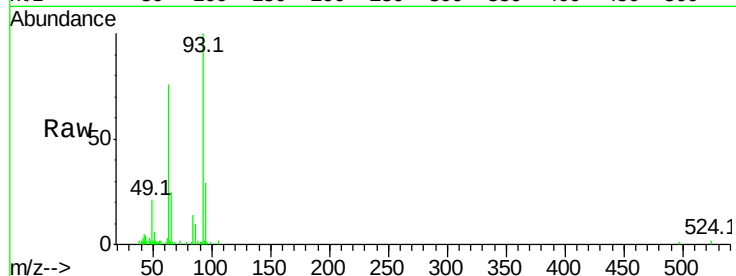




#11  
 bis(2-Chloroethyl)ether  
 Concen: 2.41 ng  
 RT: 7.44 min Scan# 741  
 Delta R.T. -0.00 min  
 Lab File: BG026646.D  
 Acq: 18 Apr 2017 13:07

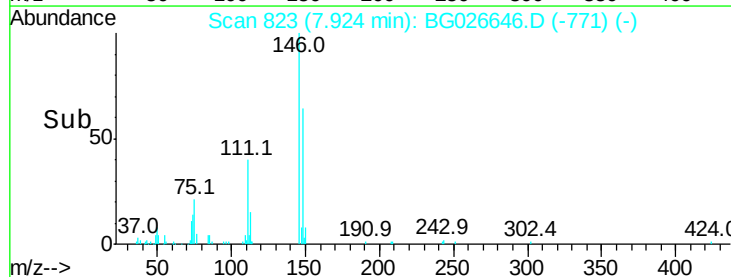
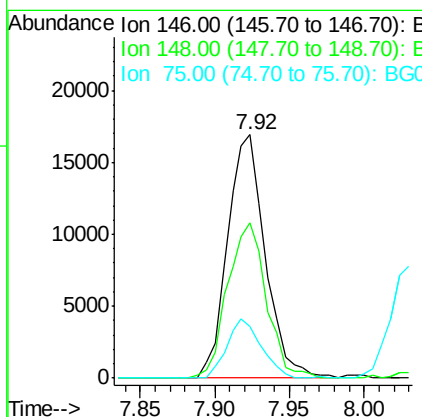
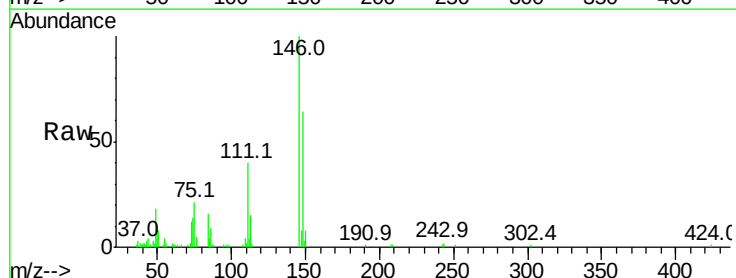
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDIC2.5

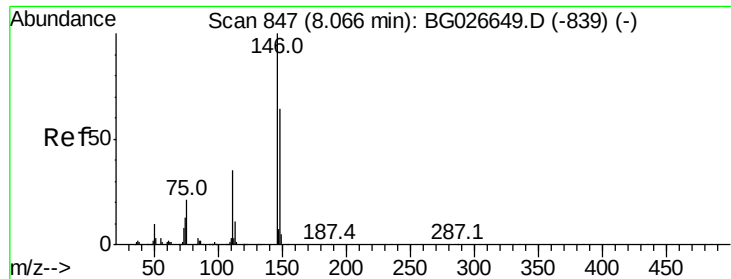
Tot Ion: 93 Resp: 23879  
 Ion Ratio Lower Upper  
 93 100  
 63 76.1 78.5 118.5#  
 95 29.1 9.8 49.8



#12  
 1,3-Dichlorobenzene  
 Concen: 2.64 ng  
 RT: 7.92 min Scan# 823  
 Delta R.T. 0.00 min  
 Lab File: BG026646.D  
 Acq: 18 Apr 2017 13:07

Tgt Ion: 146 Resp: 29802  
 Ion Ratio Lower Upper  
 146 100  
 148 63.5 49.2 73.8  
 75 21.3 33.4 50.2#

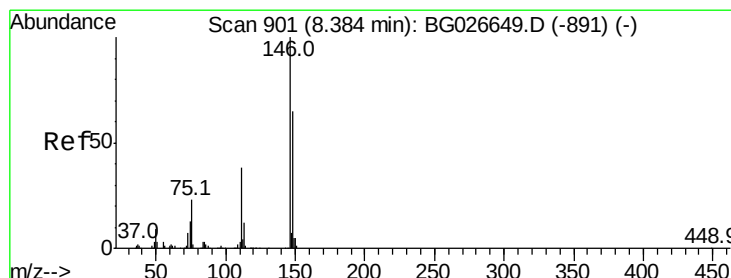
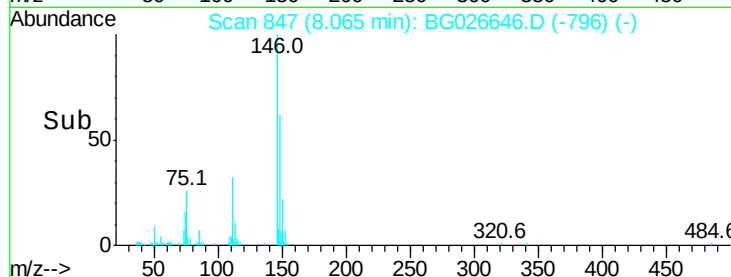
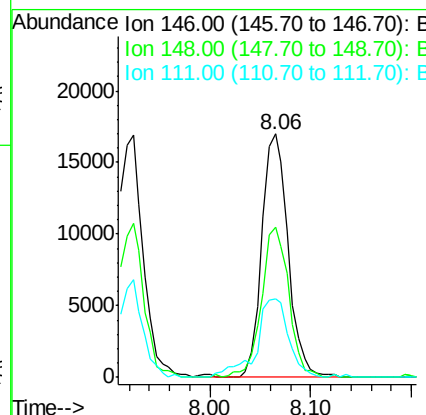
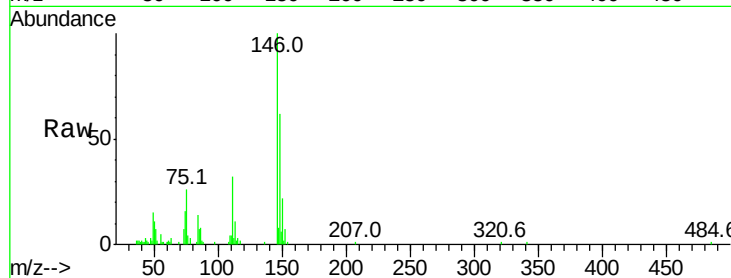




#13  
 1,4-Dichlorobenzene  
 Concen: 2.71 ng/ml  
 RT: 8.06 min Scan# 847  
 Delta R.T. -0.00 min  
 Lab File: BG026646.D  
 Acq: 18 Apr 2017 13:07

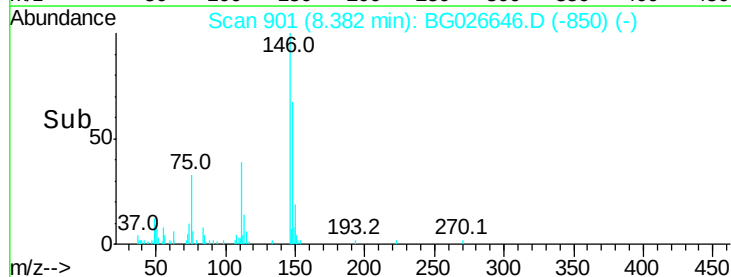
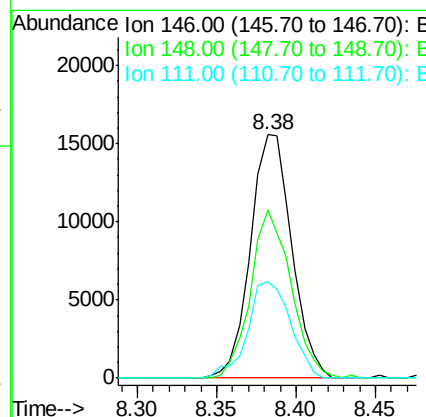
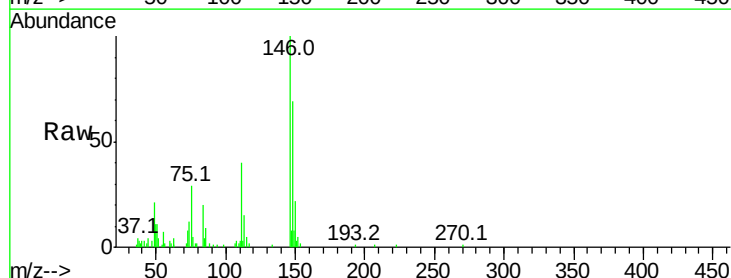
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDIC2.5

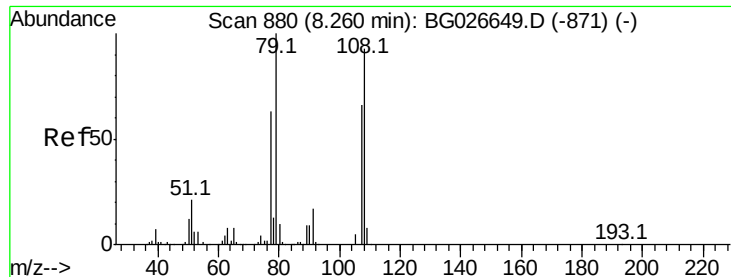
Tot Ion:146 Resp: 30917  
 Ion Ratio Lower Upper  
 146 100  
 148 61.9 52.2 78.2  
 111 32.3 37.0 55.6#



#14  
 1,2-Dichlorobenzene  
 Concen: 2.59 ng/ml  
 RT: 8.38 min Scan# 901  
 Delta R.T. -0.00 min  
 Lab File: BG026646.D  
 Acq: 18 Apr 2017 13:07

Tgt Ion:146 Resp: 28292  
 Ion Ratio Lower Upper  
 146 100  
 148 69.3 54.6 81.8  
 111 39.5 39.7 59.5#





#15

Benzyl Alcohol

Concen: 2.13 ng

RT: 8.26 min Scan# 881

Delta R.T. 0.00 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

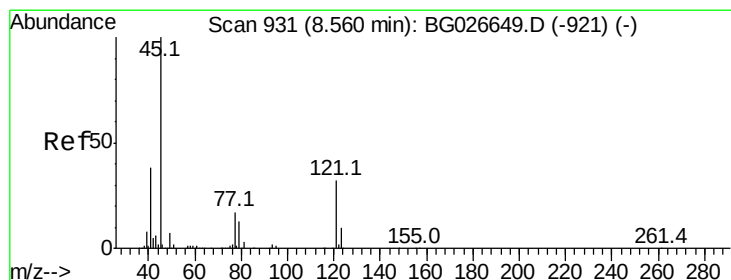
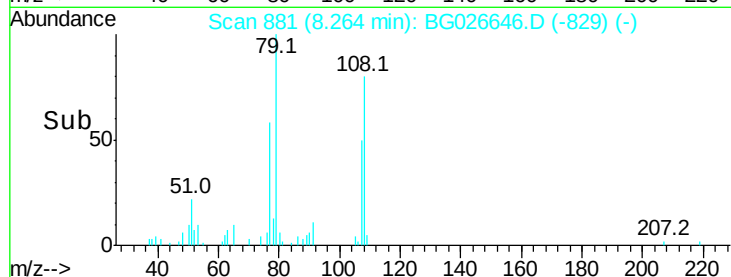
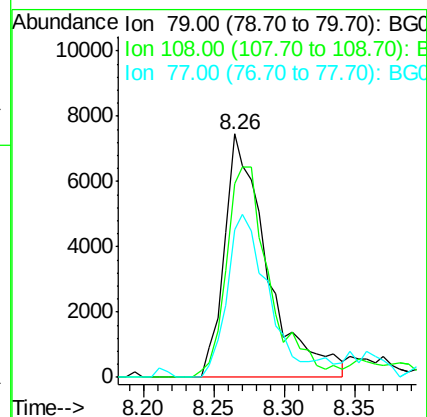
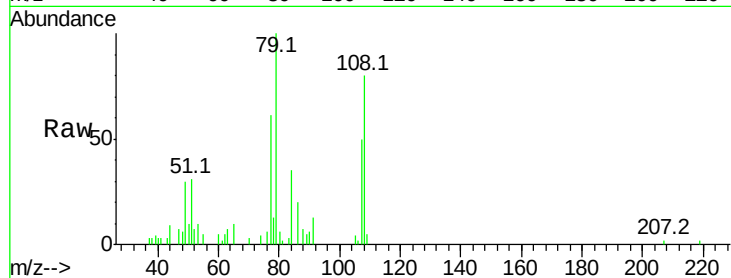
Tot Ion: 79 Resp: 15815

Ion Ratio Lower Upper

79 100

108 79.5 45.5 68.3#

77 60.5 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 2.23 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

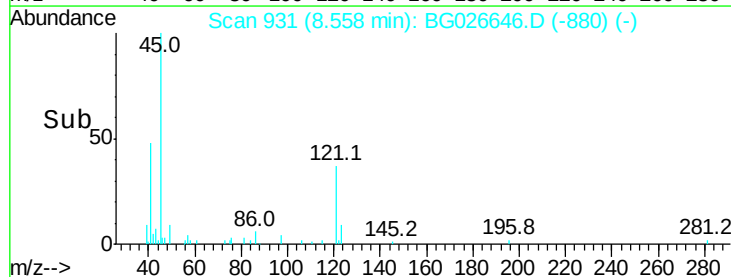
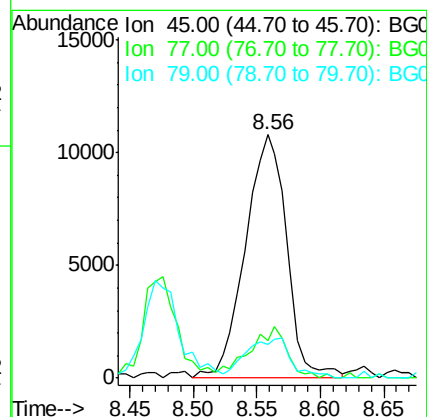
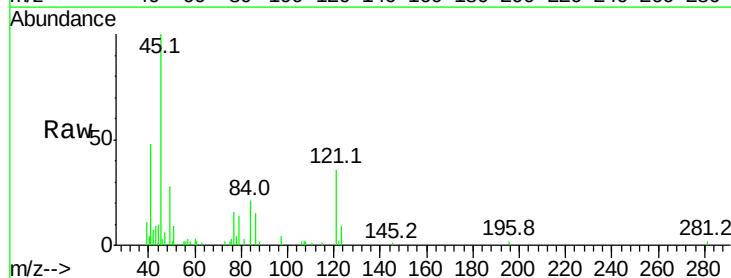
Tgt Ion: 45 Resp: 24484

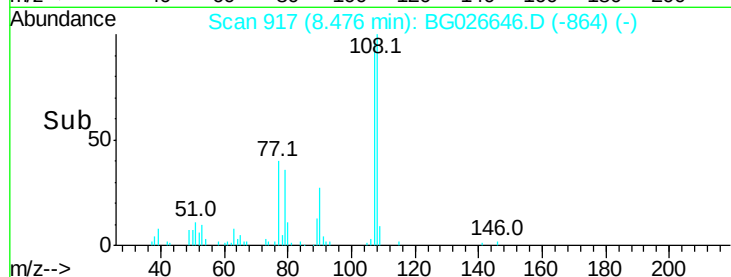
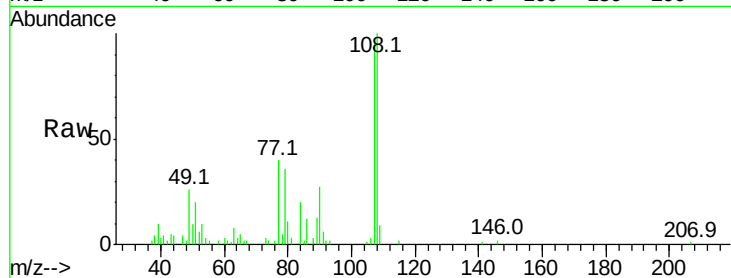
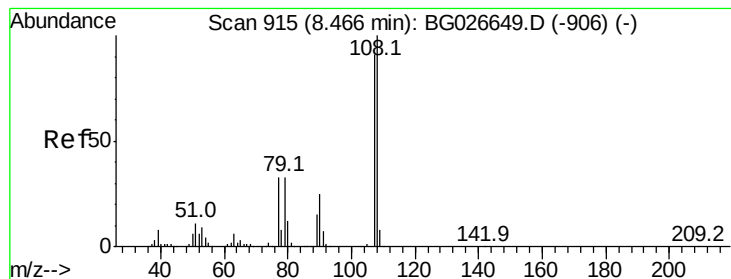
Ion Ratio Lower Upper

45 100

77 15.7 0.0 30.6

79 14.0 0.0 28.5





#17

2-Methylphenol

Concen: 2.32 ng

RT: 8.48 min Scan# 917

Delta R.T. 0.01 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

Tot Ion:107 Resp: 19918

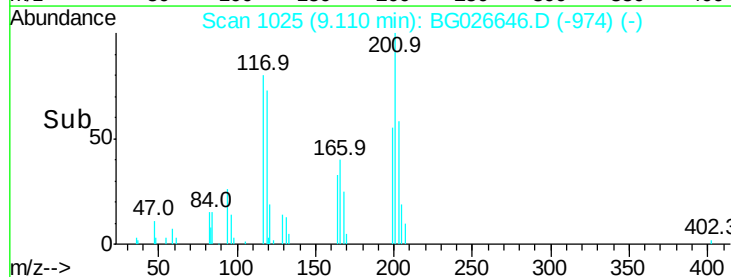
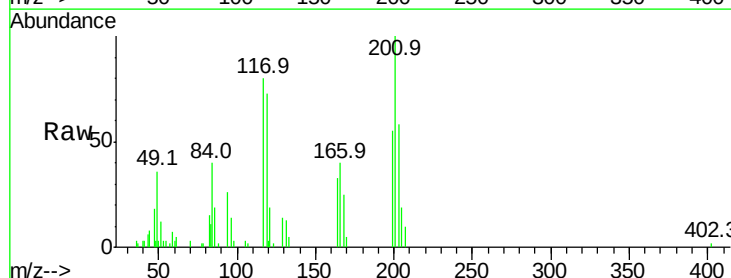
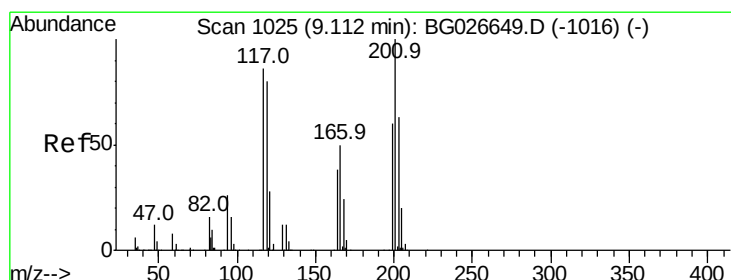
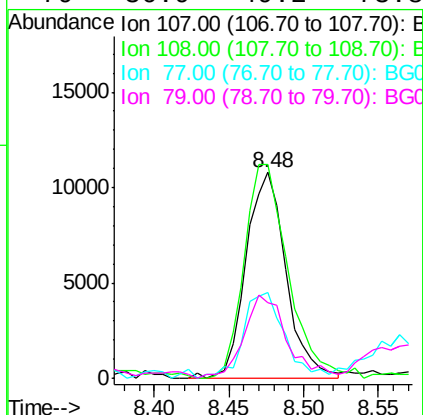
Ion Ratio Lower Upper

107 100

108 103.8 85.6 128.4

77 41.8 51.4 77.2#

79 36.9 49.2 73.8#



#18

Hexachloroethane

Concen: 2.58 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

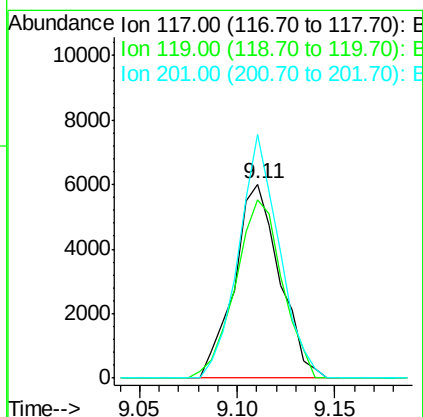
Tgt Ion:117 Resp: 9652

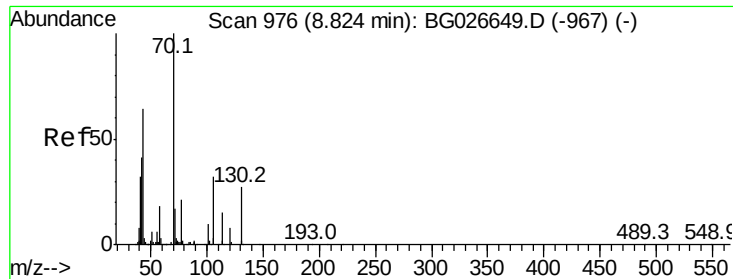
Ion Ratio Lower Upper

117 100

119 92.2 69.8 104.6

201 125.6 95.4 143.0

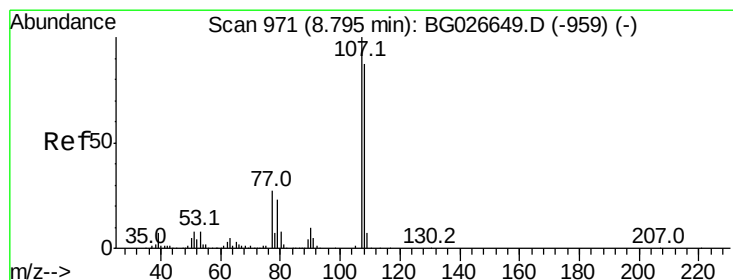
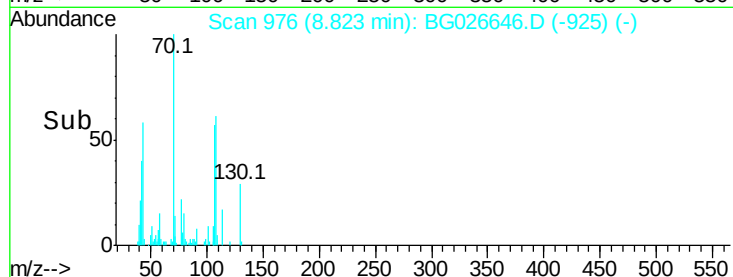
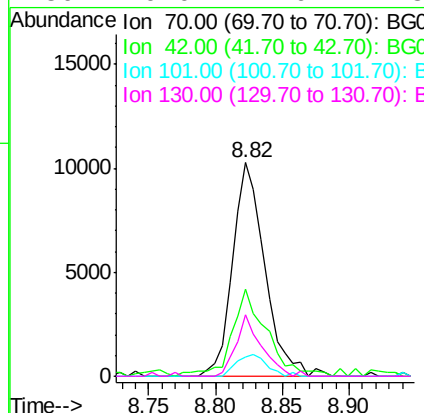
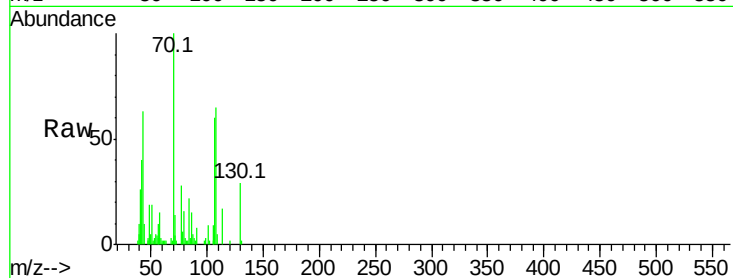




#19  
n-Nitroso-di-n-propylamine  
Concen: 2.38 ng  
RT: 8.82 min Scan# 976  
Delta R.T. -0.00 min  
Lab File: BG026646.D  
Acq: 18 Apr 2017 13:07

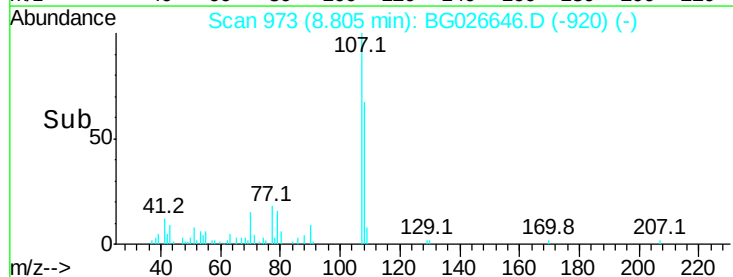
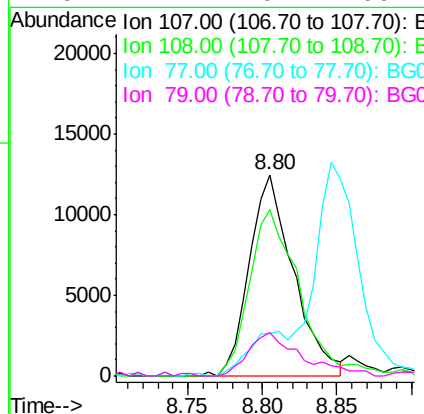
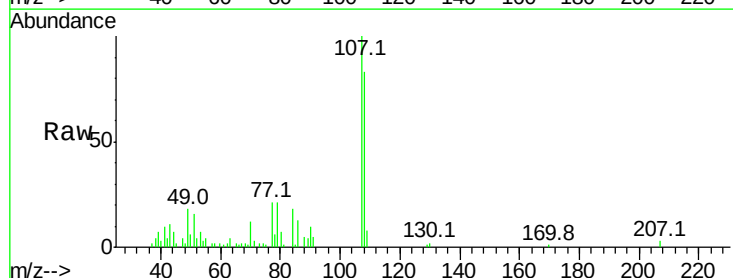
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

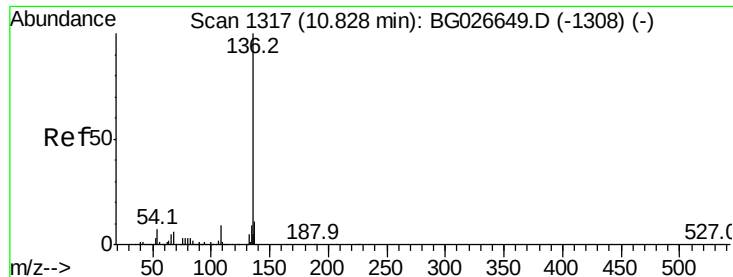
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 70    | Resp: | 17321 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 40.5  | 56.1  | 84.1# |
| 101      | 8.8   | 7.5   | 11.3  |
| 130      | 29.0  | 14.6  | 21.8# |



#20  
3+4-Methylphenols  
Concen: 2.16 ng  
RT: 8.80 min Scan# 973  
Delta R.T. 0.01 min  
Lab File: BG026646.D  
Acq: 18 Apr 2017 13:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 25485 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 82.6  | 70.8  | 110.8 |
| 77       | 21.2  | 25.8  | 65.8# |
| 79       | 21.4  | 20.1  | 60.1  |

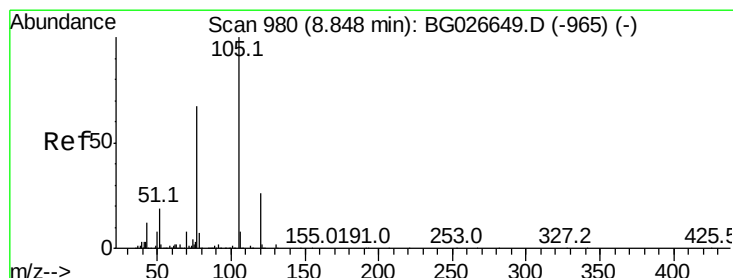
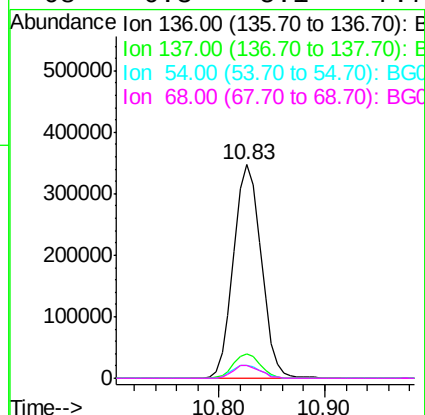
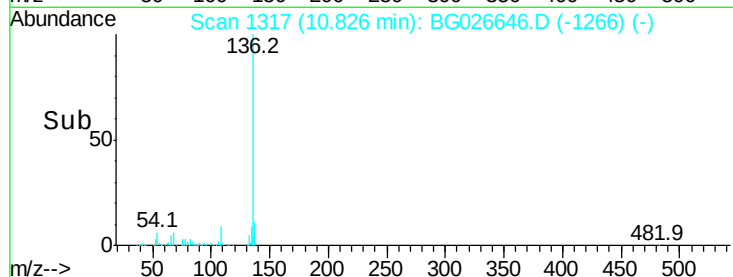
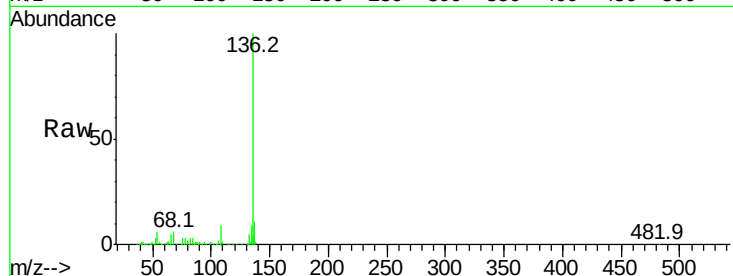




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.83 min Scan# 1317  
Delta R.T. -0.00 min  
Lab File: BG026646.D  
Acq: 18 Apr 2017 13:07

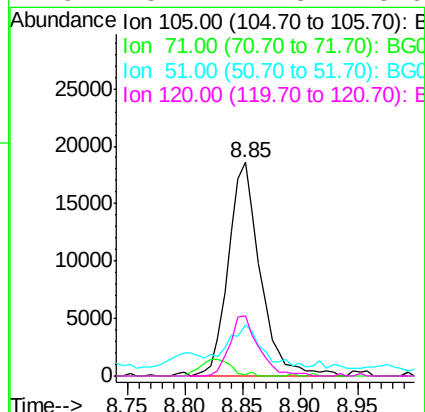
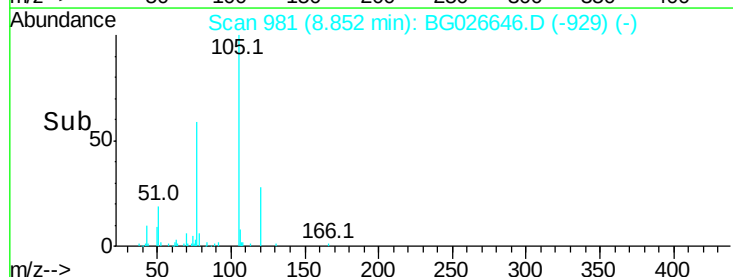
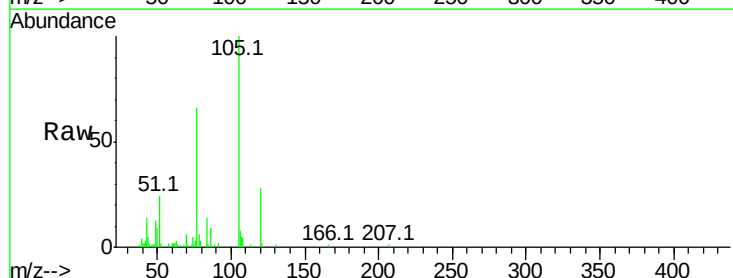
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

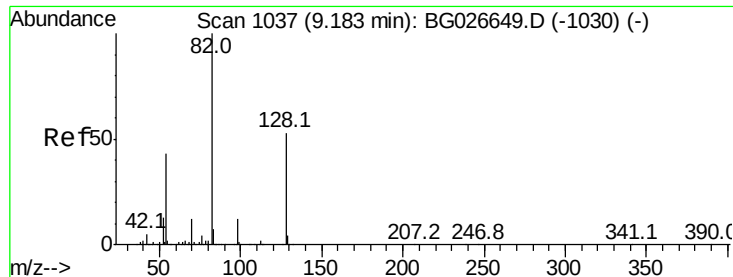
|             |       |        |  |
|-------------|-------|--------|--|
| Tot Ion:136 | Resp: | 626724 |  |
| Ion Ratio   | Lower | Upper  |  |
| 136 100     |       |        |  |
| 137 11.4    | 8.9   | 13.3   |  |
| 54 6.1      | 9.3   | 13.9#  |  |
| 68 6.3      | 5.1   | 7.7    |  |



#22  
Acetophenone  
Concen: 2.46 ng  
RT: 8.85 min Scan# 981  
Delta R.T. 0.00 min  
Lab File: BG026646.D  
Acq: 18 Apr 2017 13:07

|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion:105 | Resp: | 35446 |
| Ion | Ratio   | Lower | Upper |
| 105 | 100     |       |       |
| 71  | 0.9     | 0.9   | 1.3   |
| 51  | 23.7    | 34.0  | 51.0# |
| 120 | 28.1    | 17.3  | 25.9# |

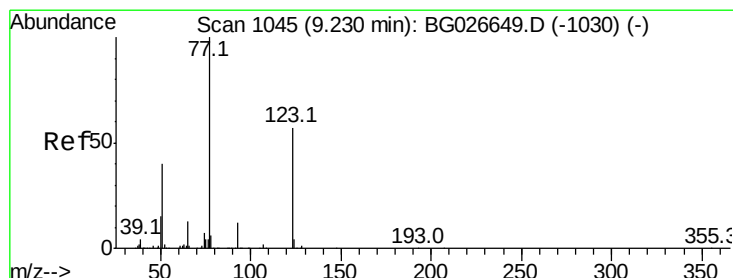
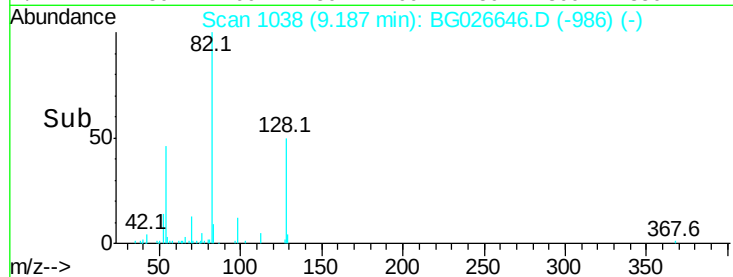
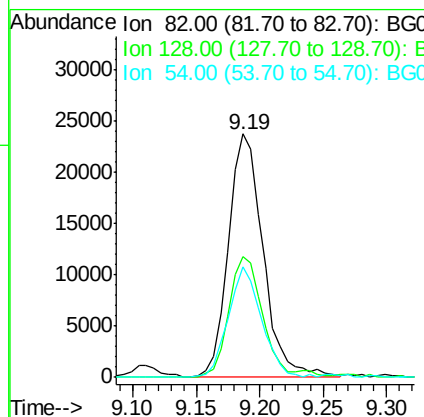
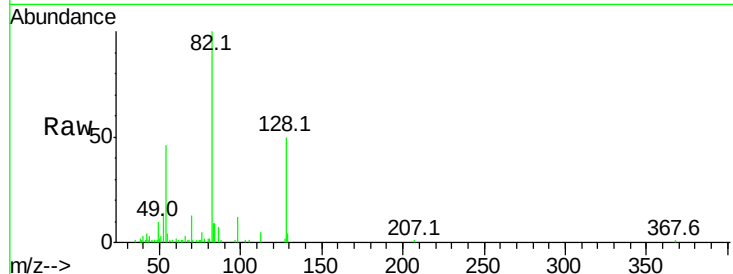




#23  
 Nitrobenzene-d5  
 Concen: 4.32 ng  
 RT: 9.19 min Scan# 1038  
 Delta R.T. 0.00 min  
 Lab File: BG026646.D  
 Acq: 18 Apr 2017 13:07

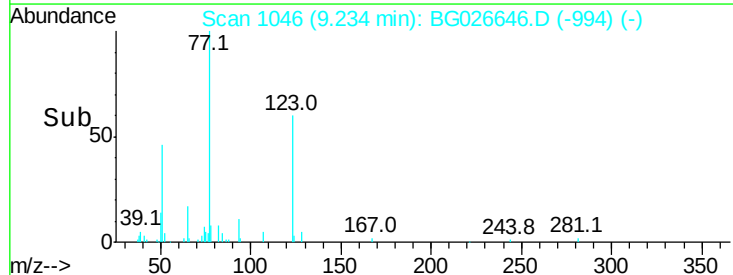
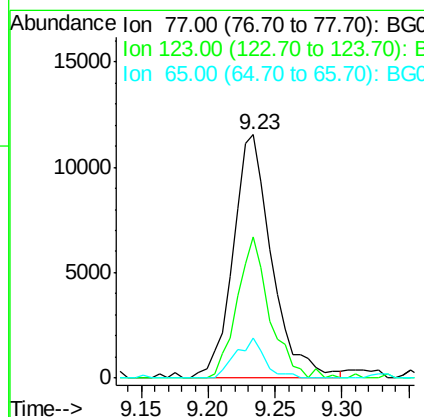
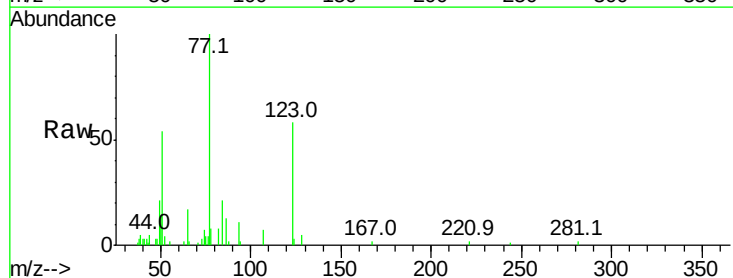
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC2.5

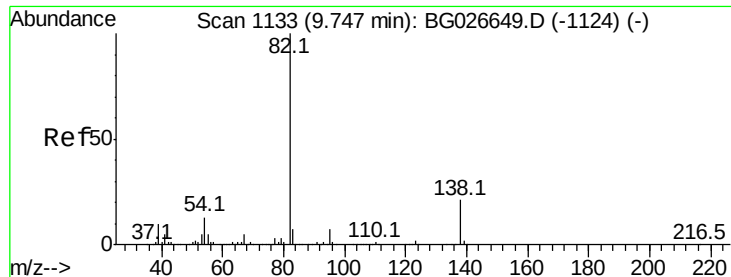
| Tot Ion   | 82    | Resp  | 45015 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 49.7  | 26.4  | 39.6# |
| 54        | 45.6  | 49.4  | 74.2# |



#24  
 Nitrobenzene  
 Concen: 2.26 ng  
 RT: 9.23 min Scan# 1046  
 Delta R.T. 0.00 min  
 Lab File: BG026646.D  
 Acq: 18 Apr 2017 13:07

| Tgt Ion   | 77    | Resp  | 23253 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 123       | 57.8  | 26.1  | 39.1# |
| 65        | 16.6  | 12.4  | 18.6  |





#25

Isophorone

Concen: 2.36 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

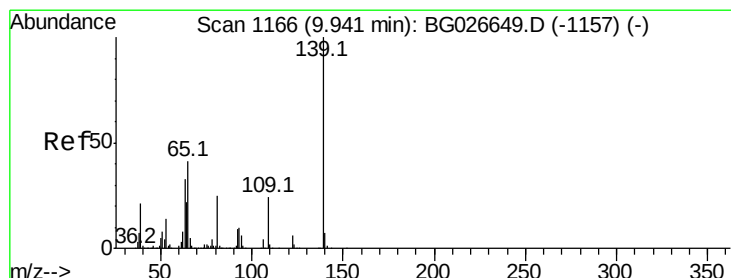
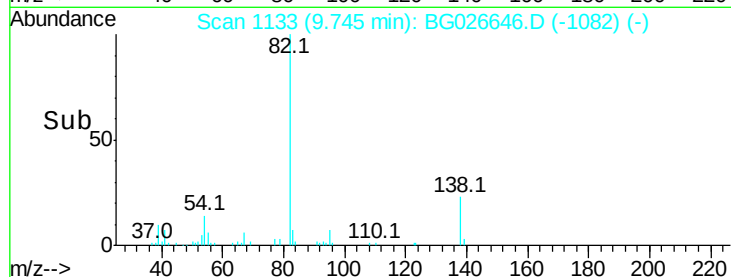
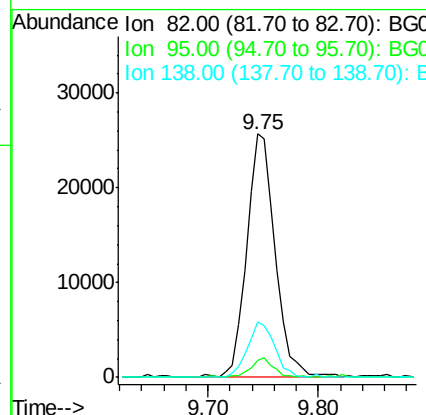
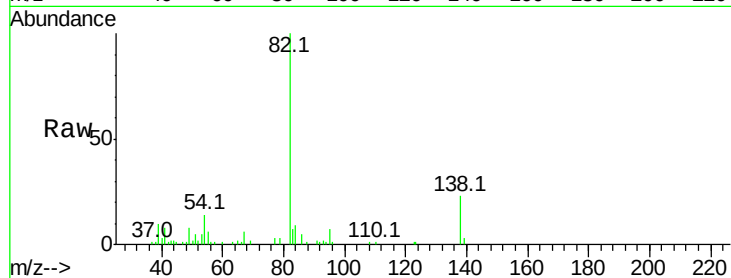
Tot Ion: 82 Resp: 46291

Ion Ratio Lower Upper

82 100

95 7.3 7.5 11.3#

138 22.7 12.3 18.5#



#26

2-Nitrophenol

Concen: 2.45 ng

RT: 9.95 min Scan# 1168

Delta R.T. 0.01 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

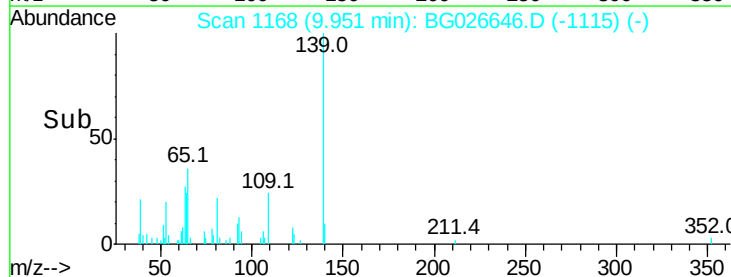
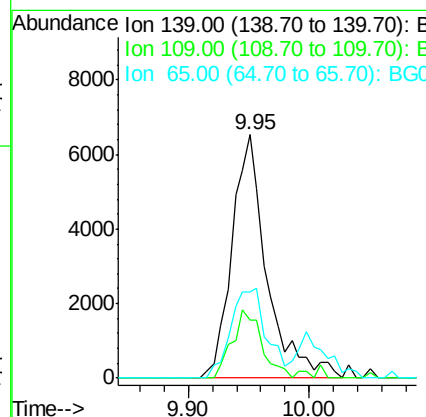
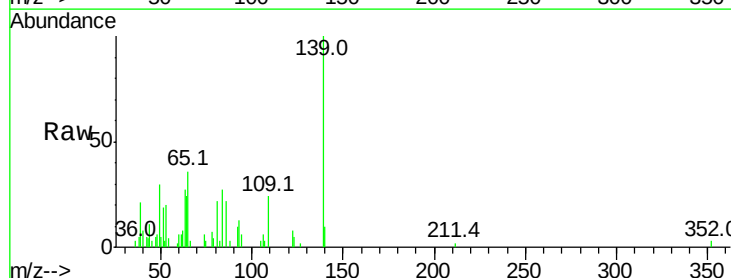
Tgt Ion:139 Resp: 13100

Ion Ratio Lower Upper

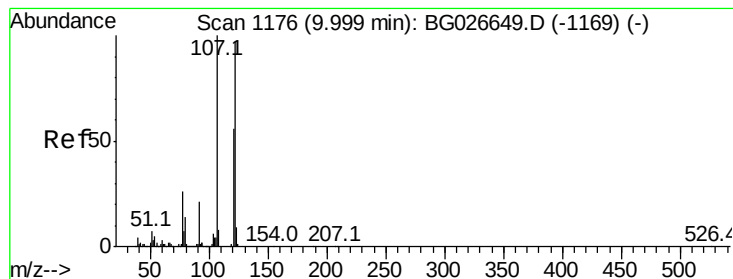
139 100

109 23.7 38.6 58.0#

65 35.5 57.1 85.7#







#27

2,4-Dimethylphenol

Concen: 2.65 ng

RT: 10.00 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

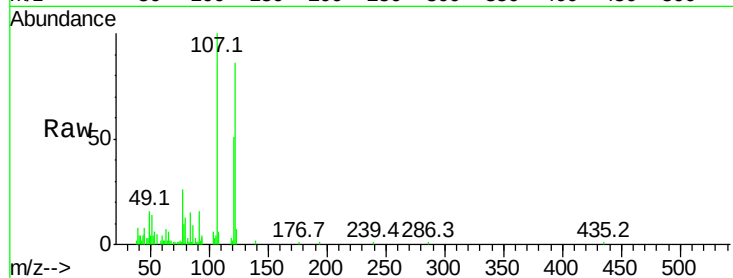
Tot Ion:122 Resp: 23333

Ion Ratio Lower Upper

122 100

107 116.8 104.2 156.4

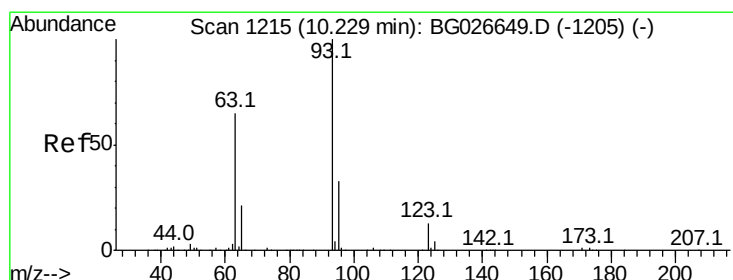
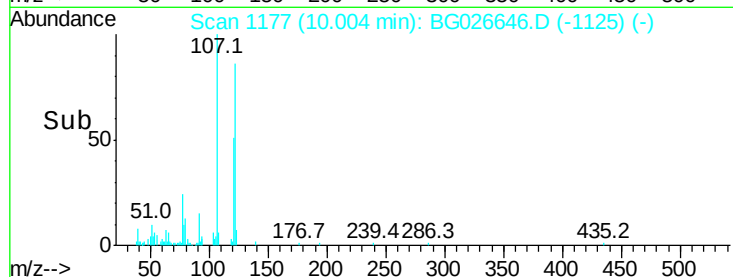
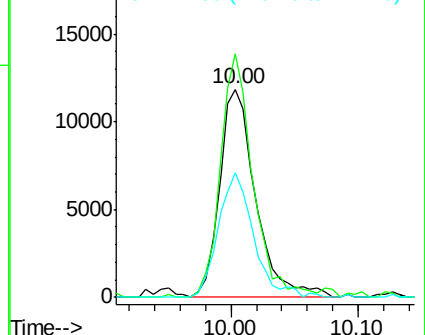
121 59.7 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 2.32 ng

RT: 10.23 min Scan# 1216

Delta R.T. 0.00 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

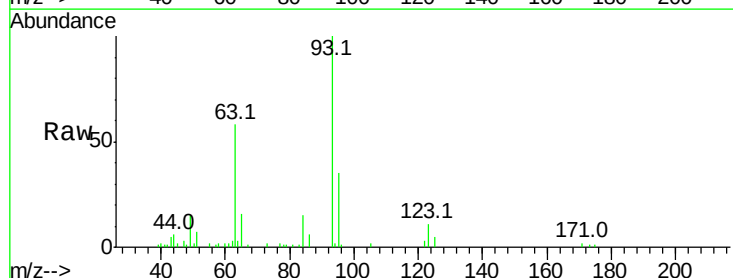
Tgt Ion: 93 Resp: 29650

Ion Ratio Lower Upper

93 100

95 34.5 25.7 38.5

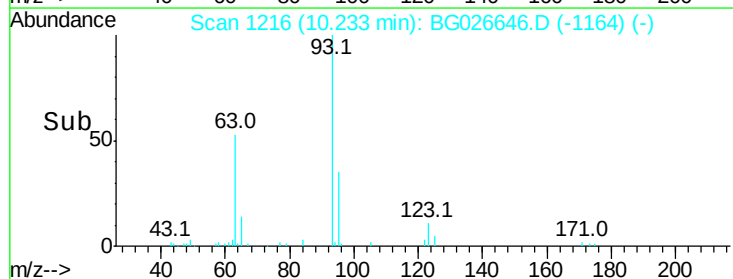
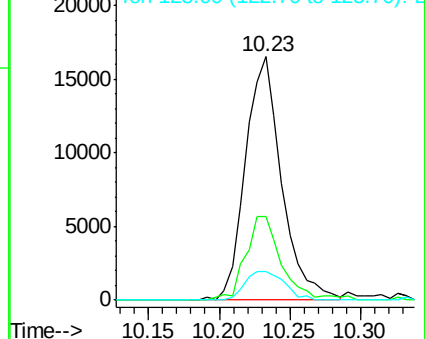
123 11.5 8.3 12.5

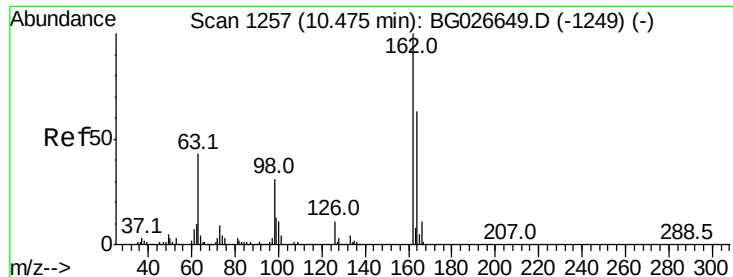


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

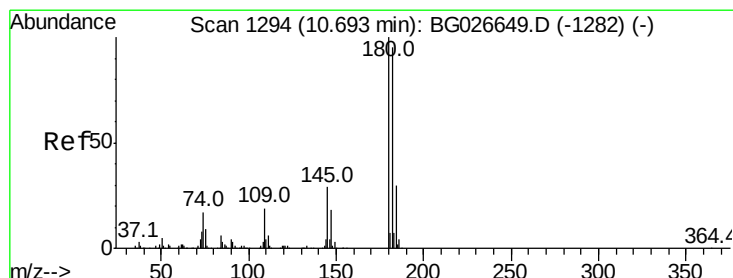
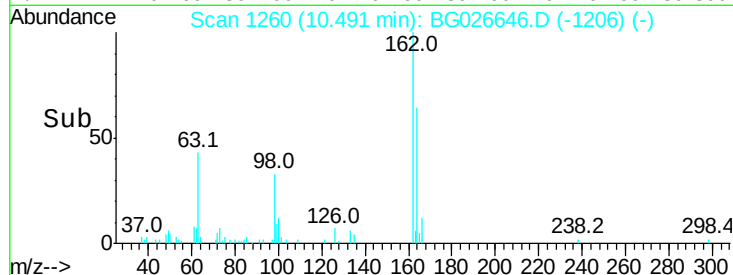
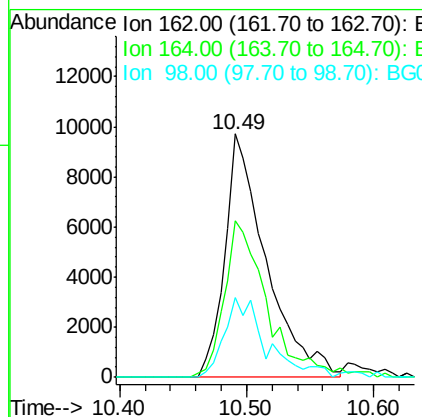
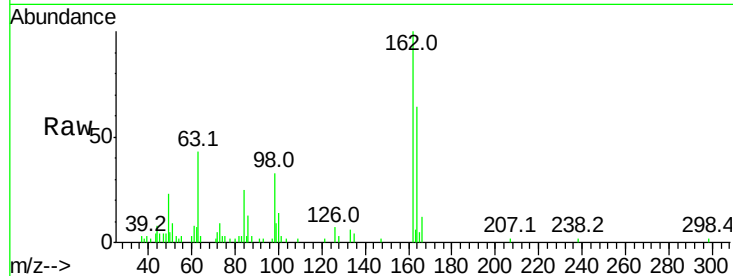




#29  
2,4-Dichlorophenol  
Concen: 2.47 ng  
RT: 10.49 min Scan# 1260  
Delta R.T. 0.02 min  
Lab File: BG026646.D  
Acq: 18 Apr 2017 13:07

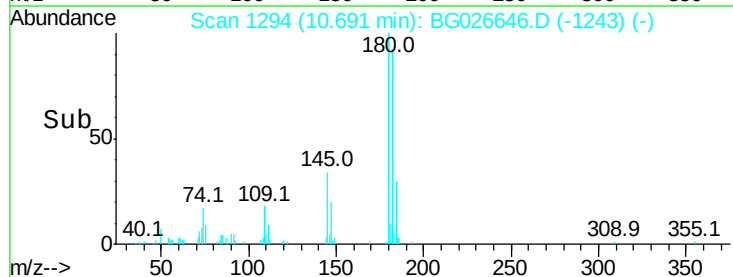
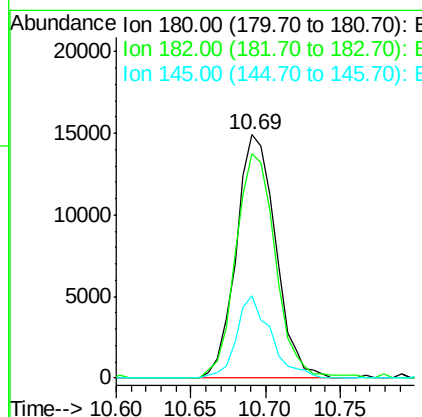
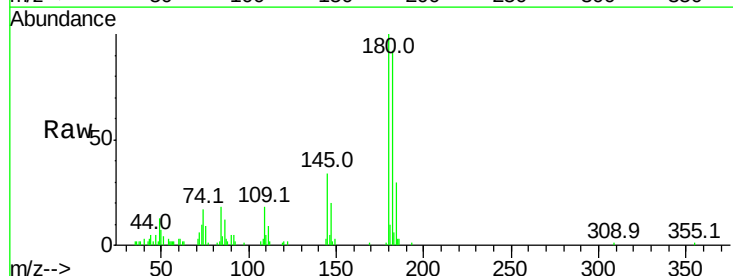
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

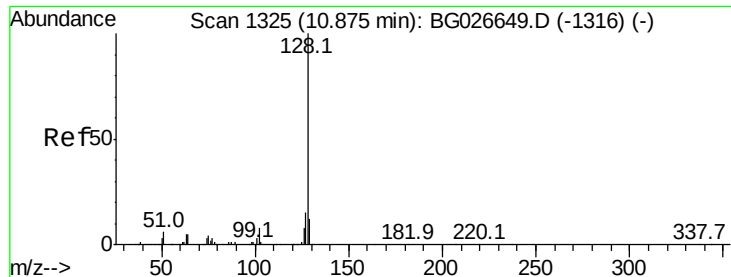
Tot Ion:162 Resp: 21934  
Ion Ratio Lower Upper  
162 100  
164 64.4 42.4 82.4  
98 32.5 20.3 60.3



#30  
1,2,4-Trichlorobenzene  
Concen: 2.74 ng  
RT: 10.69 min Scan# 1294  
Delta R.T. -0.00 min  
Lab File: BG026646.D  
Acq: 18 Apr 2017 13:07

Tgt Ion:180 Resp: 27330  
Ion Ratio Lower Upper  
180 100  
182 92.2 77.0 115.4  
145 33.7 23.4 35.0

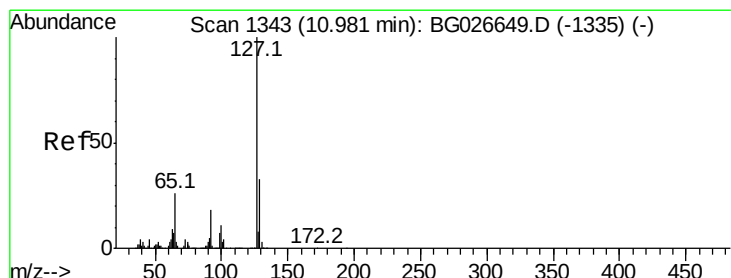
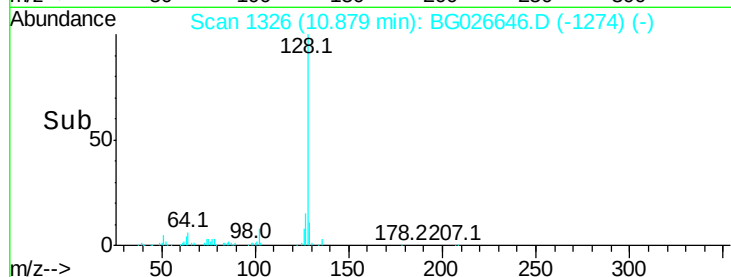
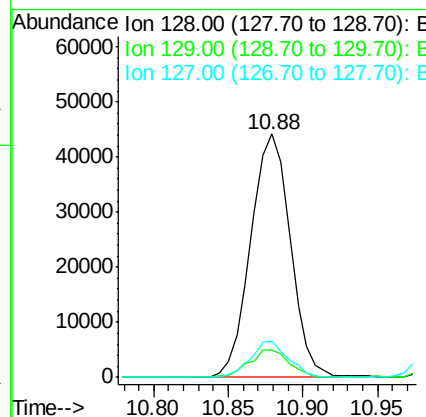
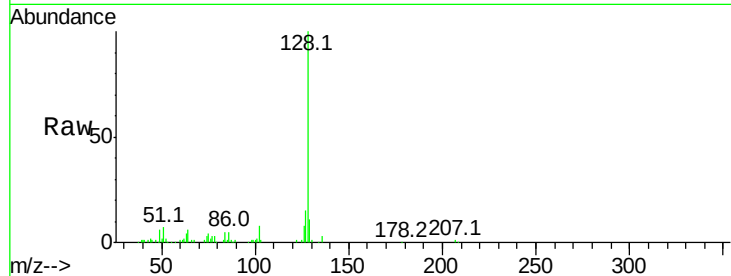




#31  
Naphthalene  
Concen: 2.56 ng  
RT: 10.88 min Scan# 1326  
Delta R.T. 0.00 min  
Lab File: BG026646.D  
Acq: 18 Apr 2017 13:07

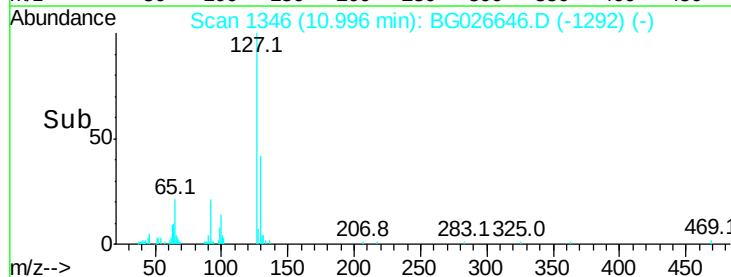
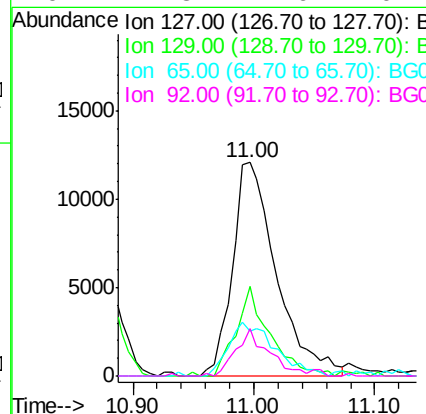
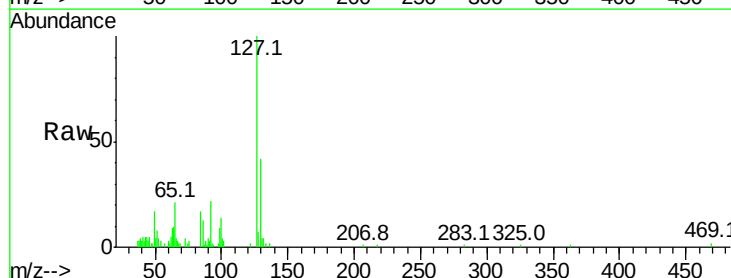
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

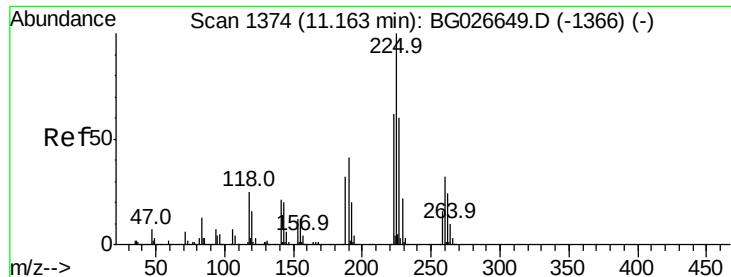
Tot Ion:128 Resp: 81171  
Ion Ratio Lower Upper  
128 100  
129 11.2 9.3 13.9  
127 14.8 11.4 17.0



#33  
4-Chloroaniline  
Concen: 2.37 ng  
RT: 11.00 min Scan# 1346  
Delta R.T. 0.02 min  
Lab File: BG026646.D  
Acq: 18 Apr 2017 13:07

Tgt Ion:127 Resp: 30576  
Ion Ratio Lower Upper  
127 100  
129 41.7 23.6 35.4#  
65 21.1 37.7 56.5#  
92 22.3 17.6 26.4





#34

Hexachlorobutadiene

Concen: 2.68 ng

RT: 11.16 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

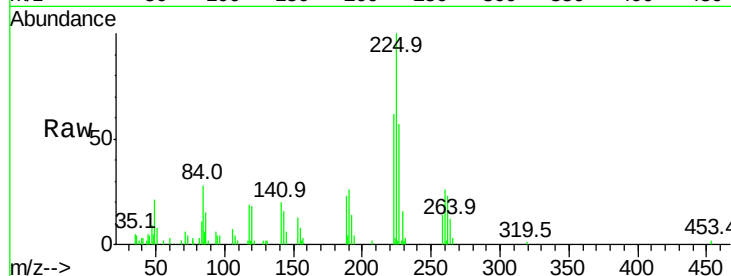
Tot Ion:225 Resp: 15762

Ion Ratio Lower Upper

225 100

223 61.9 50.7 76.1

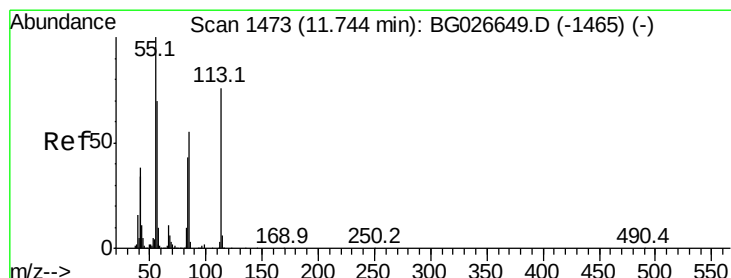
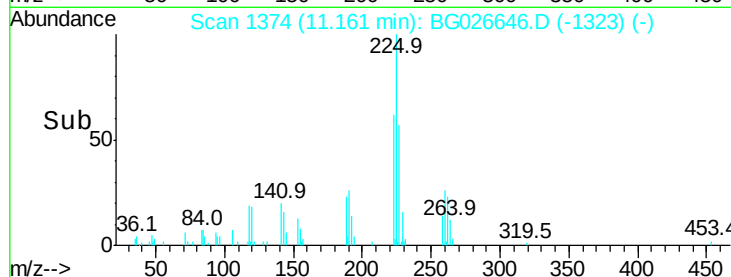
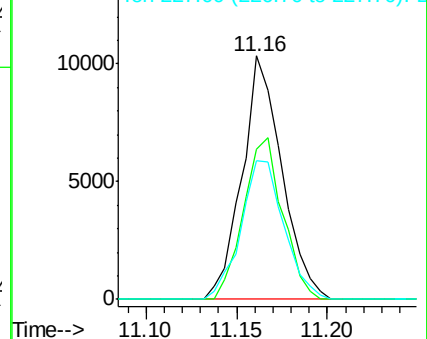
227 57.1 49.0 73.6



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 2.47 ng

RT: 11.73 min Scan# 1471

Delta R.T. -0.01 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

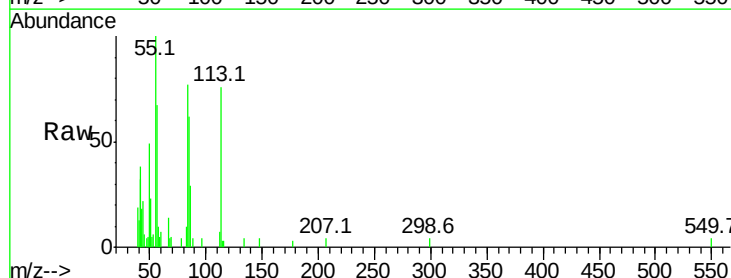
Tgt Ion:113 Resp: 8661

Ion Ratio Lower Upper

113 100

55 131.1 198.6 238.6#

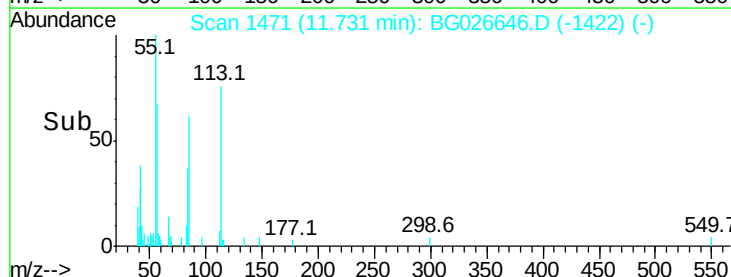
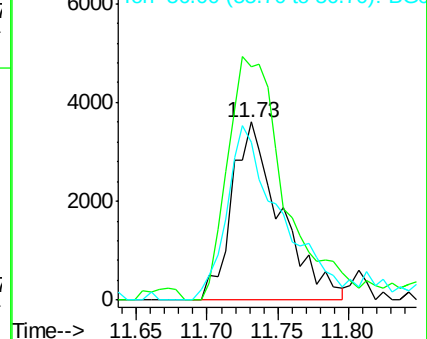
56 88.5 140.4 180.4#

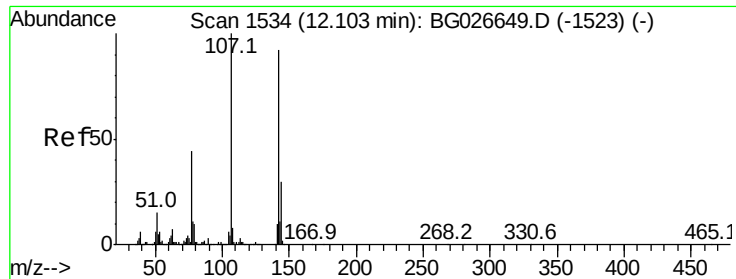


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

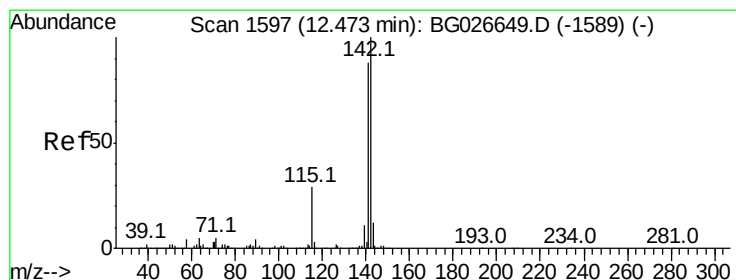
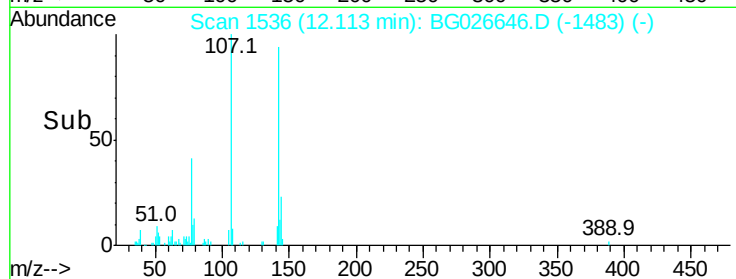
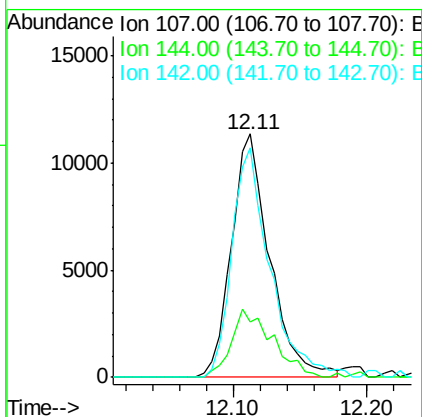
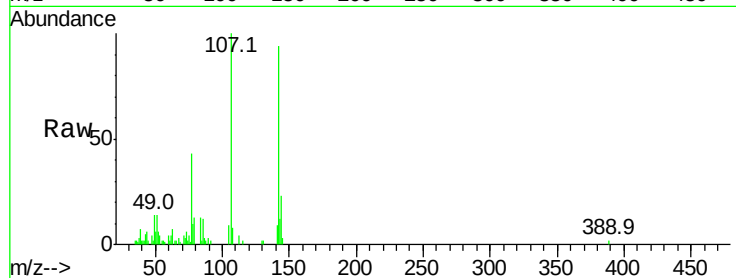




#36  
4-Chloro-3-methylphenol  
Concen: 2.38 ng  
RT: 12.11 min Scan# 1536  
Delta R.T. 0.01 min  
Lab File: BG026646.D  
Acq: 18 Apr 2017 13:07

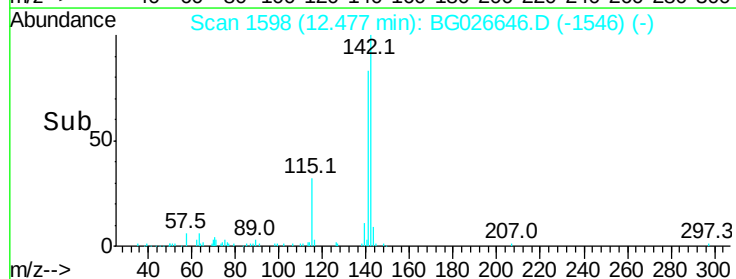
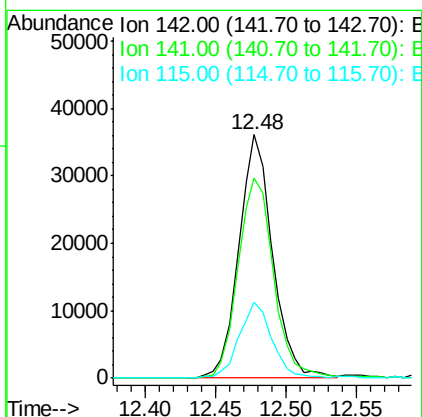
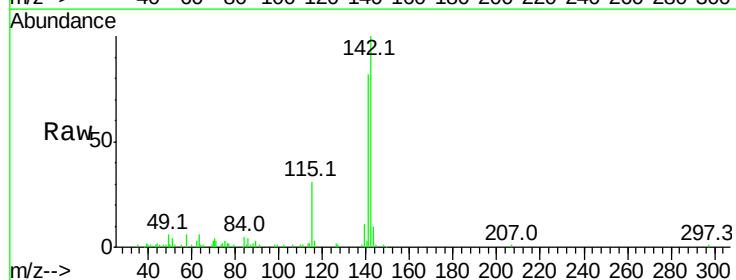
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

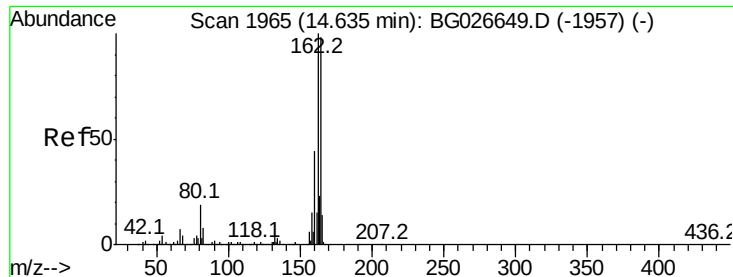
Tot Ion:107 Resp: 22670  
Ion Ratio Lower Upper  
107 100  
144 22.8 17.4 26.0  
142 94.4 54.1 81.1#



#37  
2-Methylnaphthalene  
Concen: 2.60 ng  
RT: 12.48 min Scan# 1598  
Delta R.T. 0.00 min  
Lab File: BG026646.D  
Acq: 18 Apr 2017 13:07

Tgt Ion:142 Resp: 60356  
Ion Ratio Lower Upper  
142 100  
141 82.0 70.4 105.6  
115 31.4 35.5 53.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

Instrument :

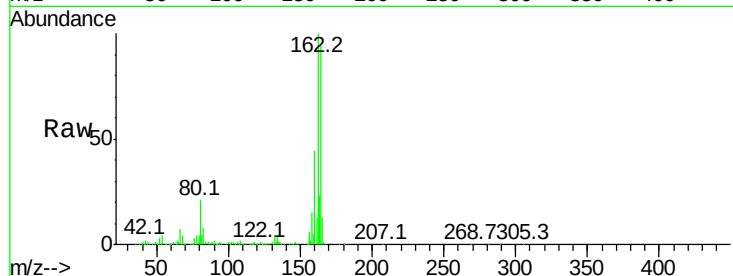
BNA\_G

ClientSampleId :

SSTDICC2.5

Tot Ion:164 Resp: 367840

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 106.9 | 85.1  | 127.7 |
| 160 | 46.6  | 34.7  | 52.1  |

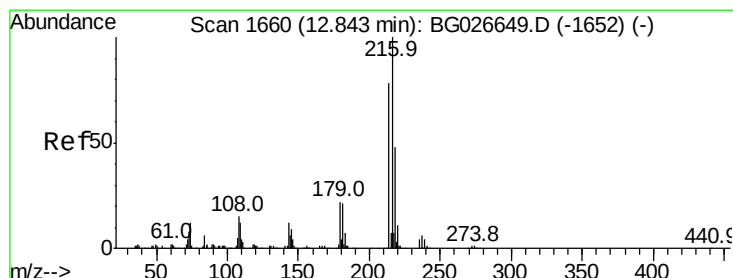
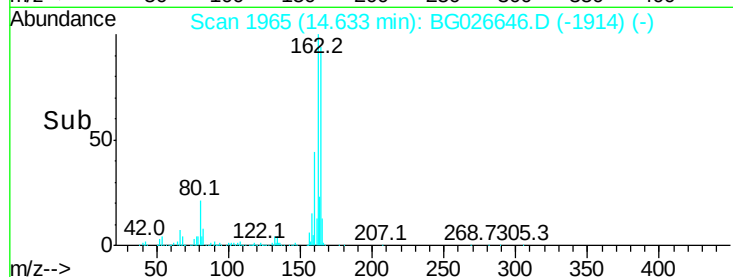
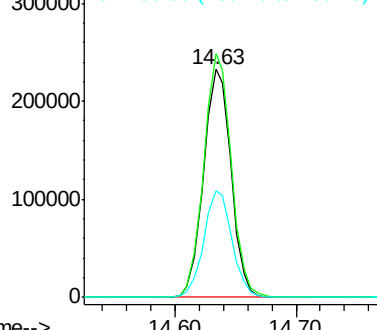


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 2.60 ng

RT: 12.84 min Scan# 1660

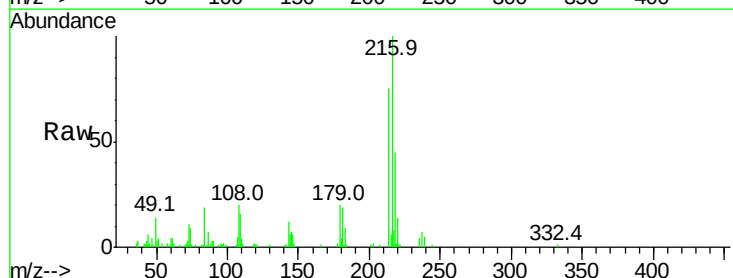
Delta R.T. -0.00 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

Tgt Ion:216 Resp: 28794

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 82.5  | 64.4  | 96.6  |
| 179 | 20.4  | 17.4  | 26.0  |
| 108 | 15.7  | 15.6  | 23.4  |



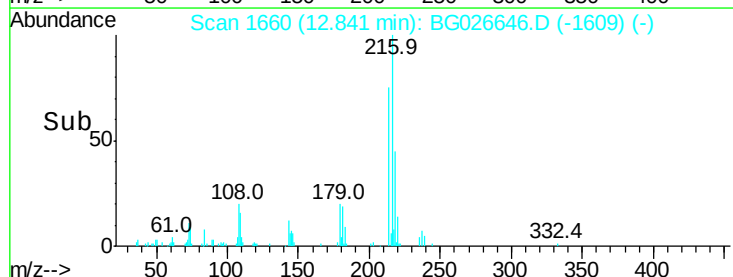
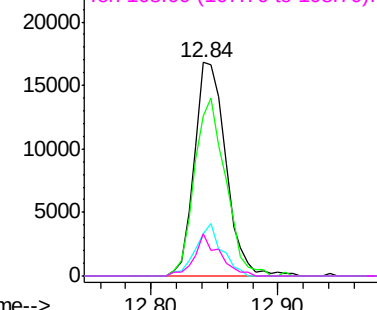
Abundance

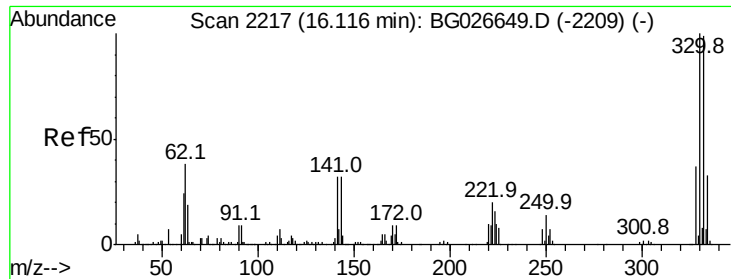
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

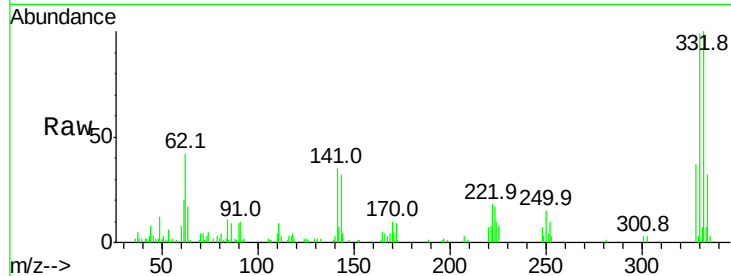




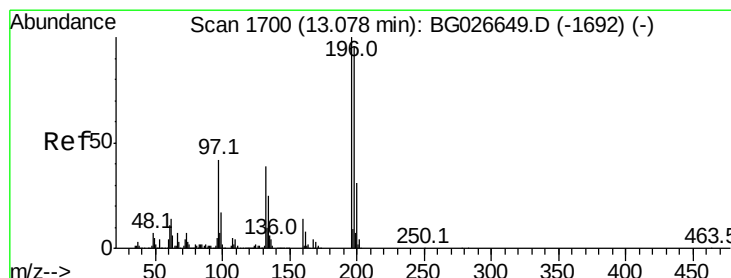
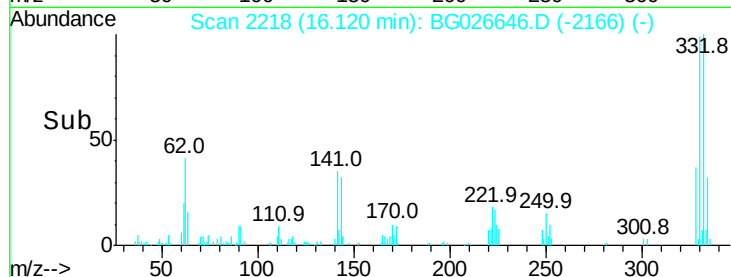
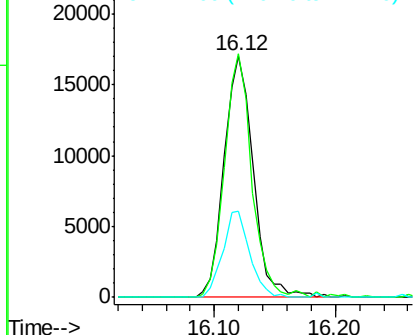
#41  
 2,4,6-Tribromophenol  
 Concen: 6.75 ng  
 RT: 16.12 min Scan# 2218  
 Delta R.T. 0.00 min  
 Lab File: BG026646.D  
 Acq: 18 Apr 2017 13:07

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC2.5

Tot Ion:330 Resp: 28451  
 Ion Ratio Lower Upper  
 330 100  
 332 94.5 77.3 115.9  
 141 32.9 32.1 48.1

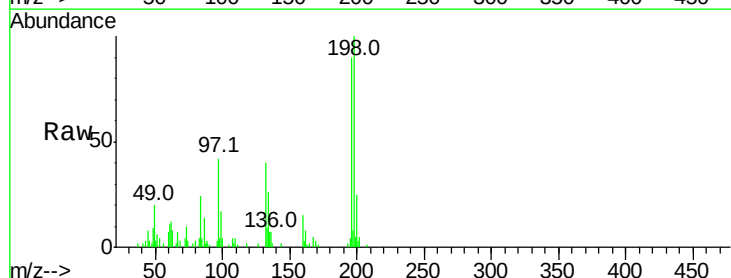


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

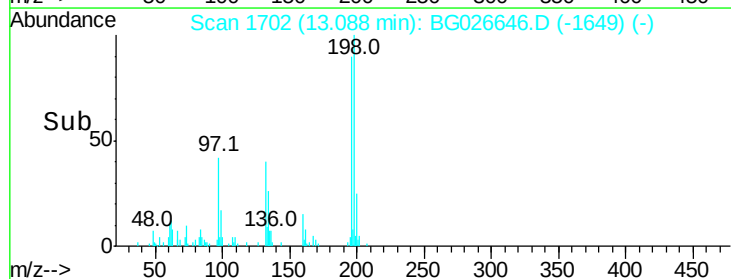
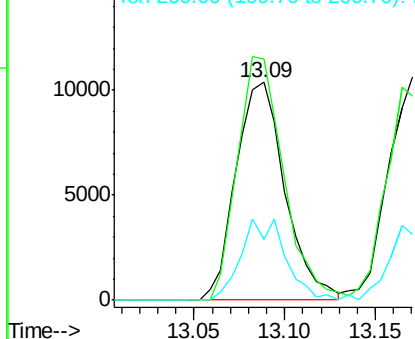


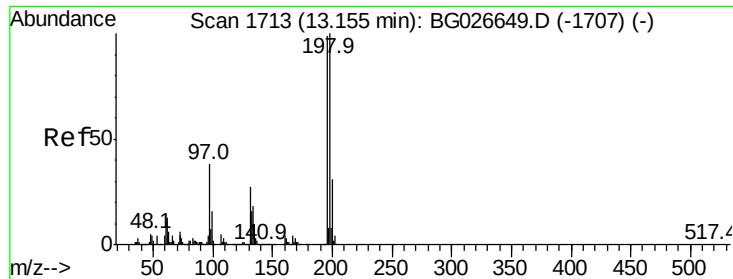
#42  
 2,4,6-Trichlorophenol  
 Concen: 2.71 ng  
 RT: 13.09 min Scan# 1702  
 Delta R.T. 0.01 min  
 Lab File: BG026646.D  
 Acq: 18 Apr 2017 13:07

Tgt Ion:196 Resp: 19602  
 Ion Ratio Lower Upper  
 196 100  
 198 110.6 81.4 122.2  
 200 27.5 27.0 40.6



Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

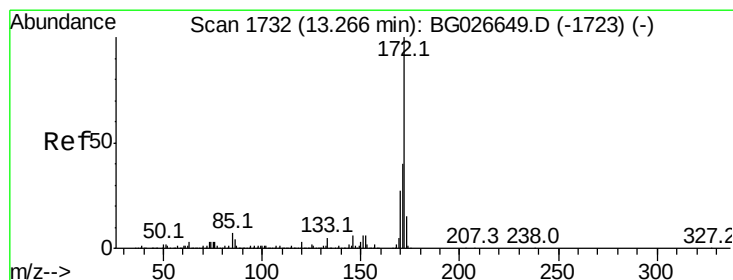
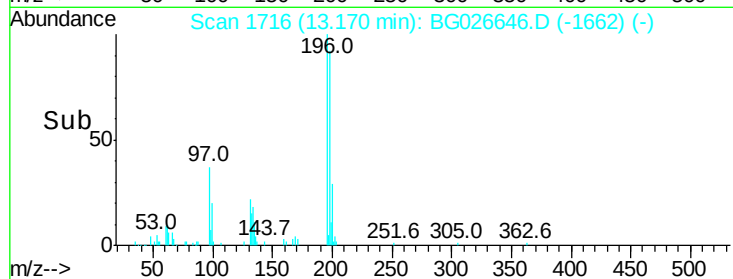
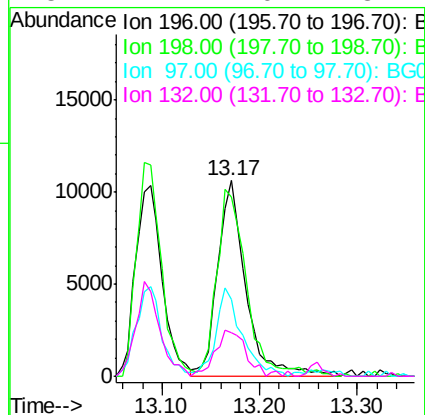
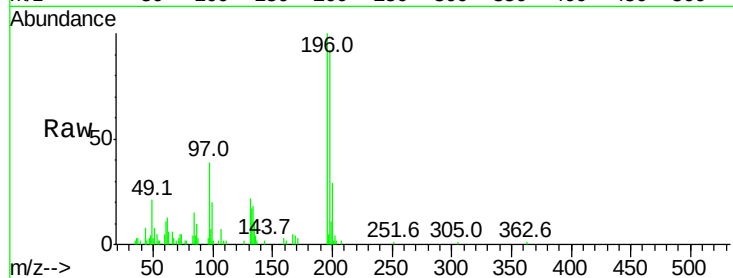




#43  
 2,4,5-Trichlorophenol  
 Concen: 2.67 ng  
 RT: 13.17 min Scan# 1716  
 Delta R.T. 0.02 min  
 Lab File: BG026646.D  
 Acq: 18 Apr 2017 13:07

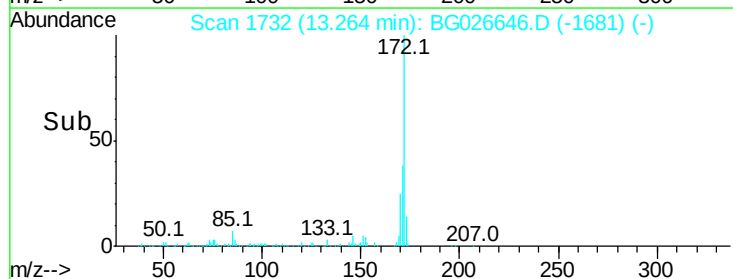
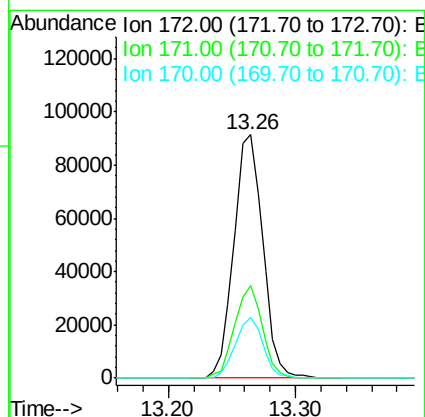
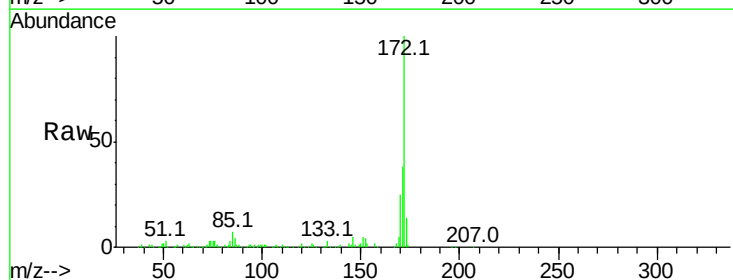
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 91.7  | 79.9  | 119.9 |
| 97      | 39.0  | 45.4  | 68.0  |
| 132     | 22.1  | 20.7  | 31.1  |

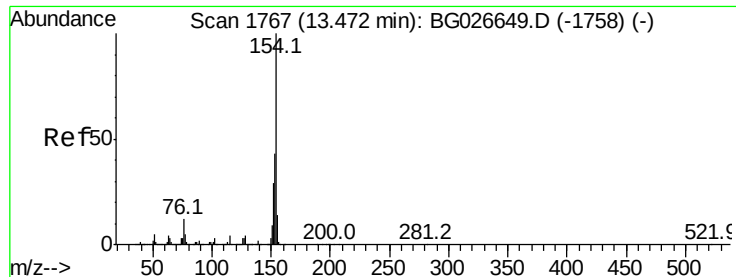


#44  
 2-Fluorobiphenyl  
 Concen: 5.49 ng  
 RT: 13.26 min Scan# 1732  
 Delta R.T. -0.00 min  
 Lab File: BG026646.D  
 Acq: 18 Apr 2017 13:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.3  | 32.2  | 48.2  |
| 170     | 24.8  | 21.8  | 32.6  |







#45

1,1'-Biphenyl

Concen: 2.66 ng

RT: 13.48 min Scan# 1768

Delta R.T. 0.00 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

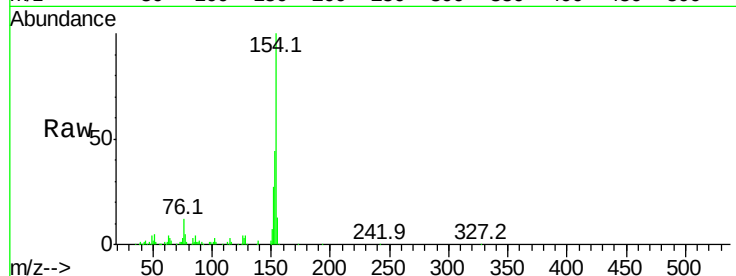
Tot Ion:154 Resp: 81166

Ion Ratio Lower Upper

154 100

153 44.2 23.0 63.0

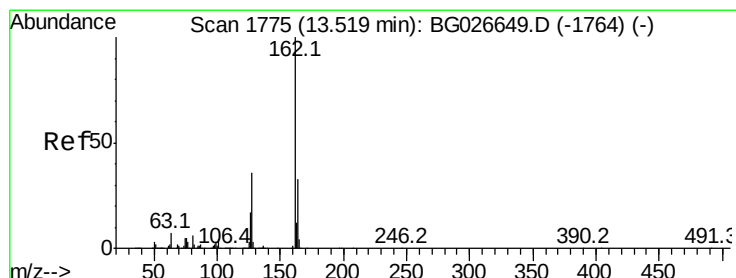
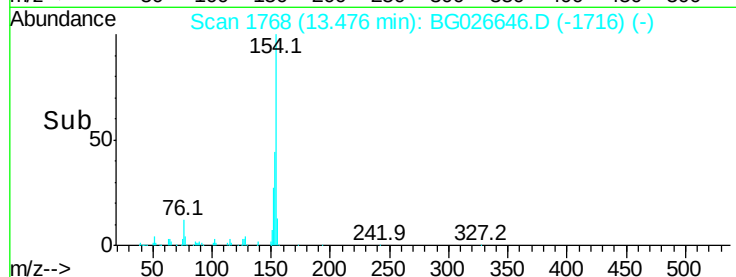
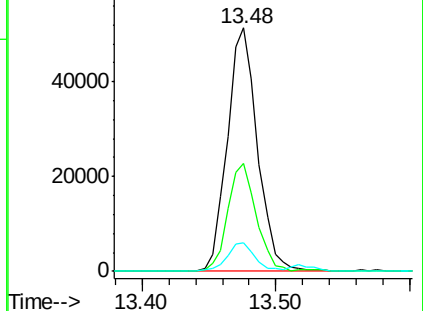
76 11.7 0.0 33.5



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



#46

2-Chloronaphthalene

Concen: 2.75 ng

RT: 13.52 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

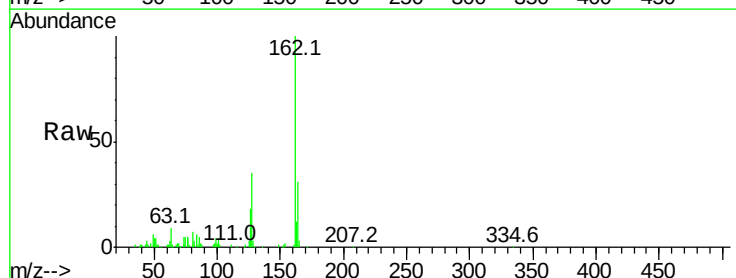
Tgt Ion:162 Resp: 61173

Ion Ratio Lower Upper

162 100

127 35.4 32.2 48.4

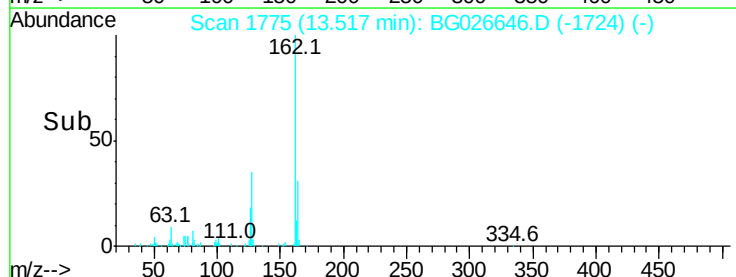
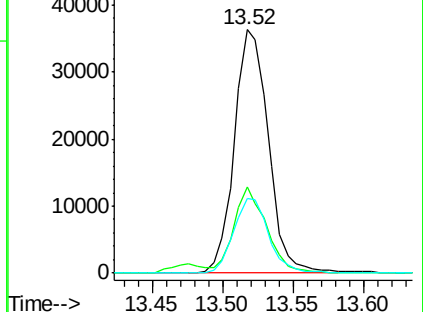
164 30.8 27.3 40.9

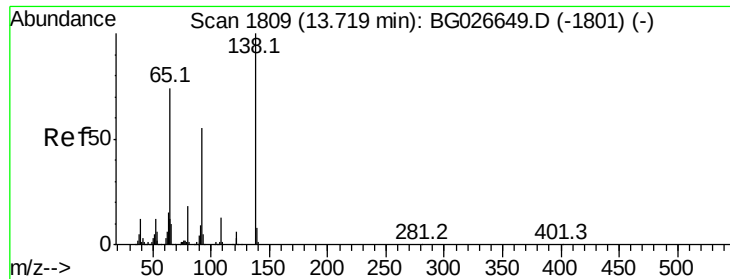


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 2.04 ng/mL

RT: 13.72 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

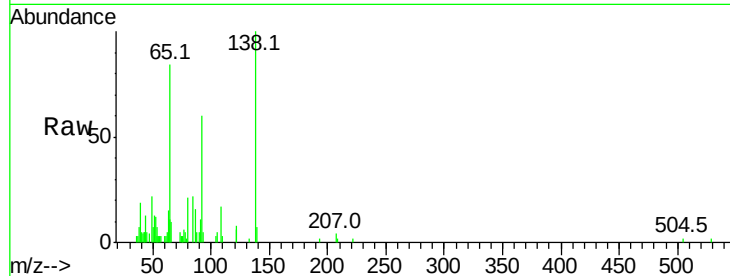
Tot Ion: 65 Resp: 12890

Ion Ratio Lower Upper

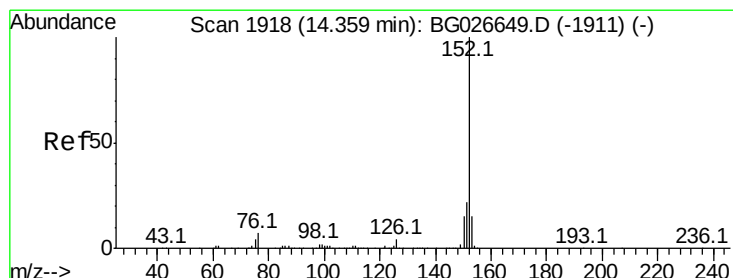
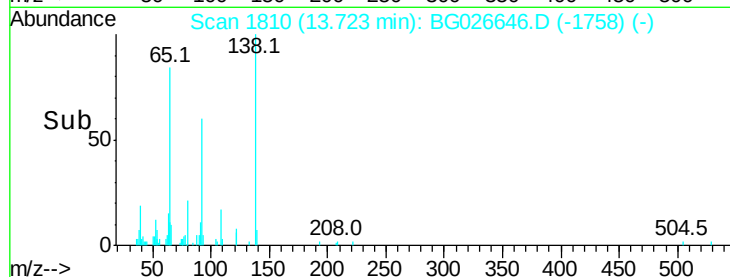
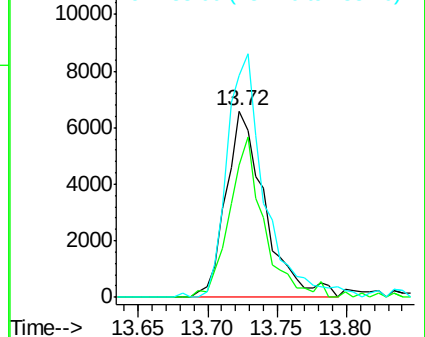
65 100

92 71.1 49.0 73.4

138 118.8 58.6 87.8#



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): BGC



#48

Acenaphthylene

Concen: 2.51 ng

RT: 14.36 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

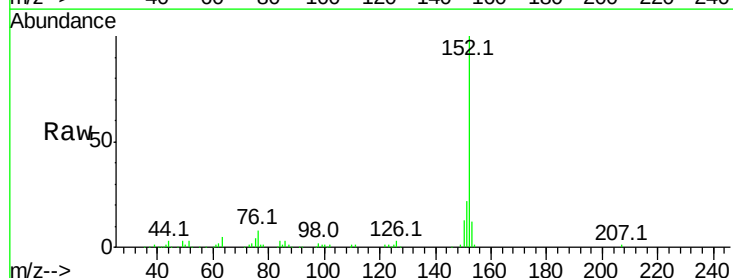
Tgt Ion: 152 Resp: 97340

Ion Ratio Lower Upper

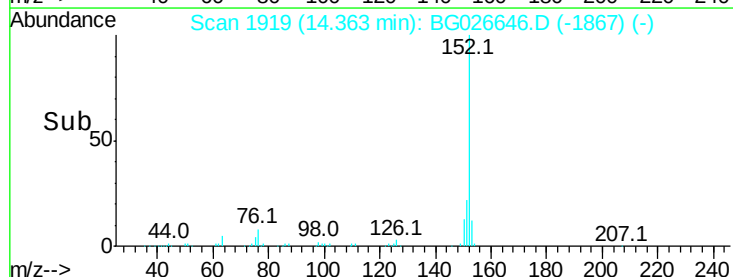
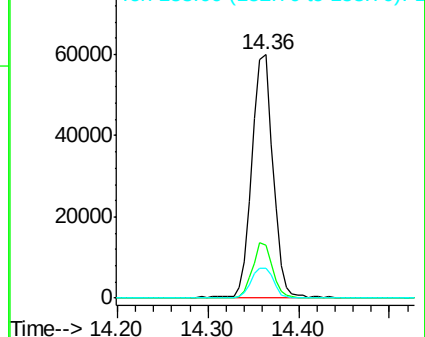
152 100

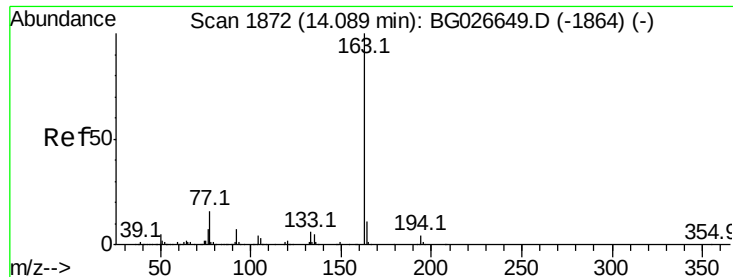
151 21.8 18.2 27.2

153 12.3 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): BGC  
Ion 151.00 (150.70 to 151.70): BGC  
Ion 153.00 (152.70 to 153.70): BGC

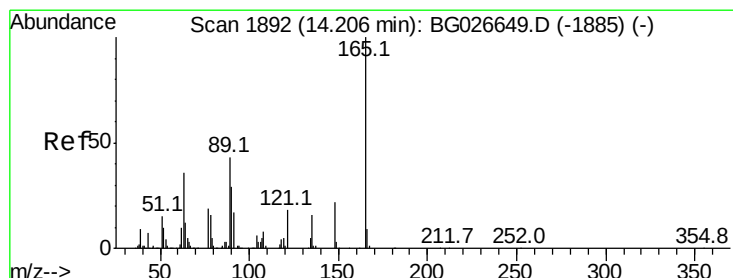
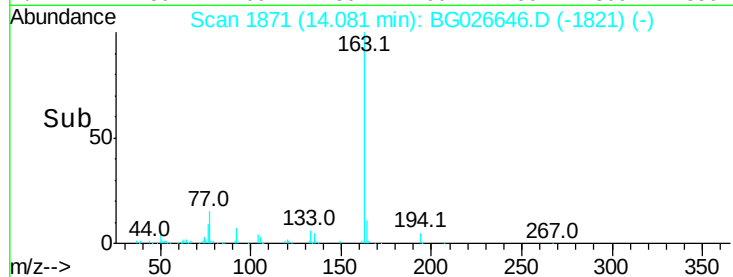
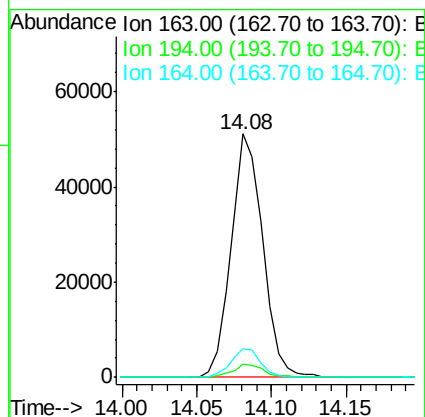
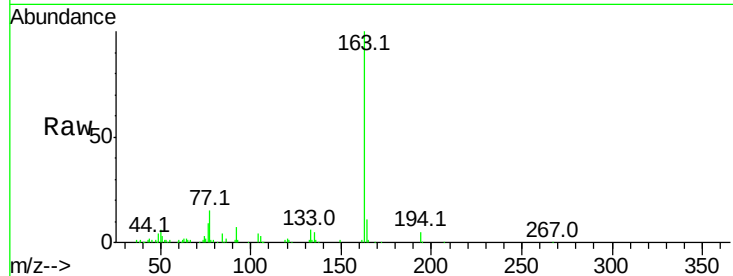




#49  
Dimethylphthalate  
Concen: 2.73 ng  
RT: 14.08 min Scan# 1871  
Delta R.T. -0.01 min  
Lab File: BG026646.D  
Acq: 18 Apr 2017 13:07

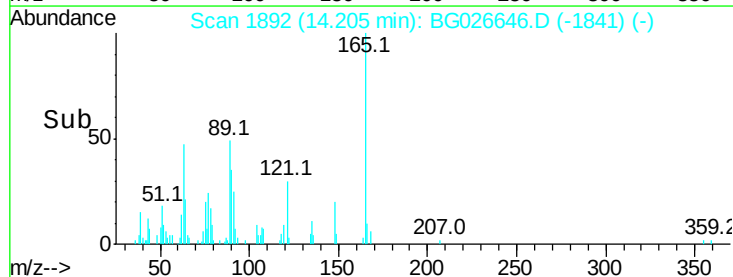
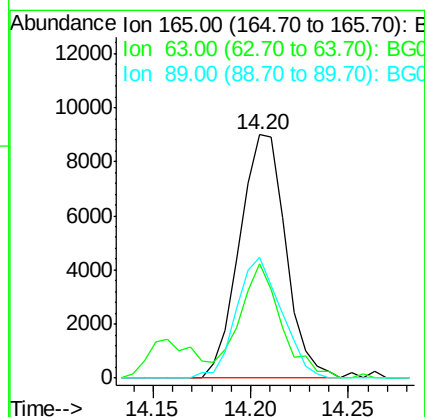
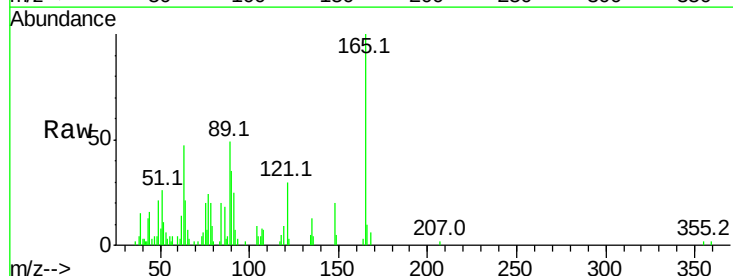
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

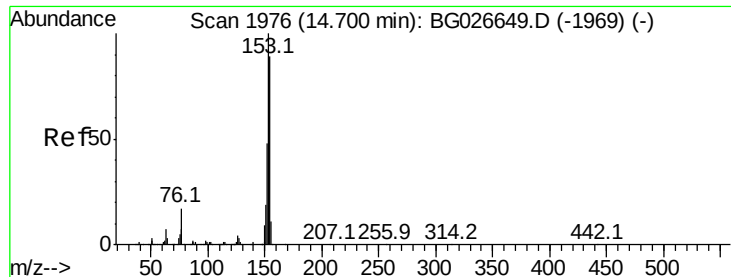
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 5.2   | 3.8   | 5.6   |
| 164     | 11.5  | 9.3   | 13.9  |



#50  
2,6-Dinitrotoluene  
Concen: 2.28 ng  
RT: 14.20 min Scan# 1892  
Delta R.T. -0.00 min  
Lab File: BG026646.D  
Acq: 18 Apr 2017 13:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 46.7  | 63.9  | 95.9# |
| 89      | 49.5  | 58.6  | 88.0# |





#51

Acenaphthene

Concen: 2.66 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

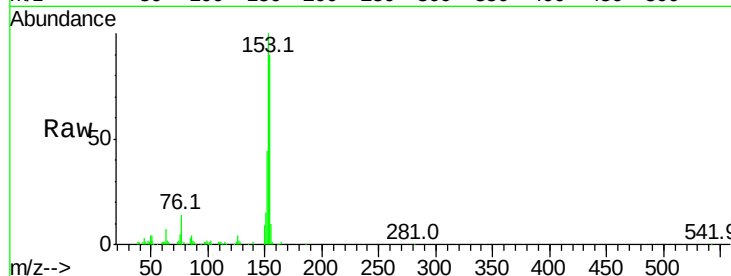
Tot Ion:154 Resp: 63551

Ion Ratio Lower Upper

154 100

153 111.1 87.8 131.6

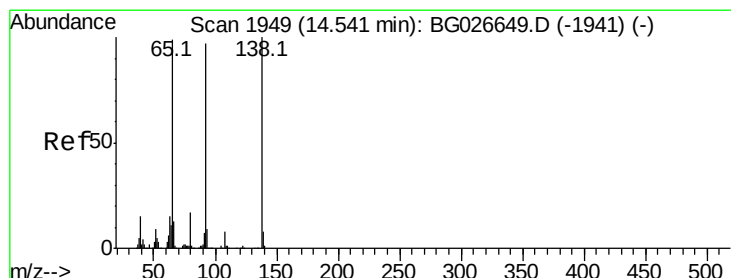
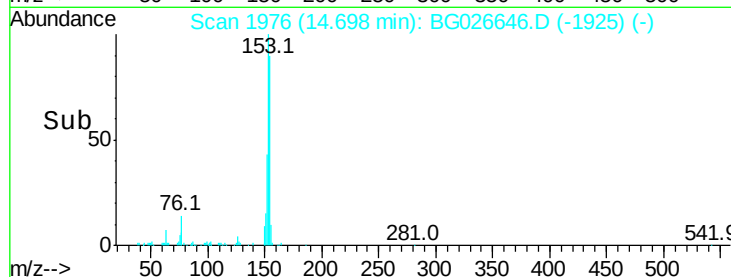
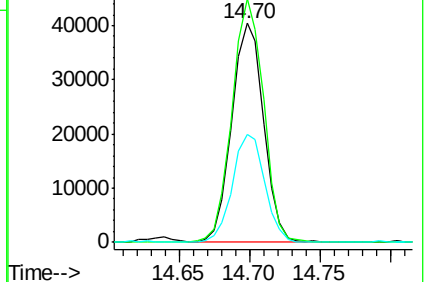
152 49.3 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 2.41 ng

RT: 14.55 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

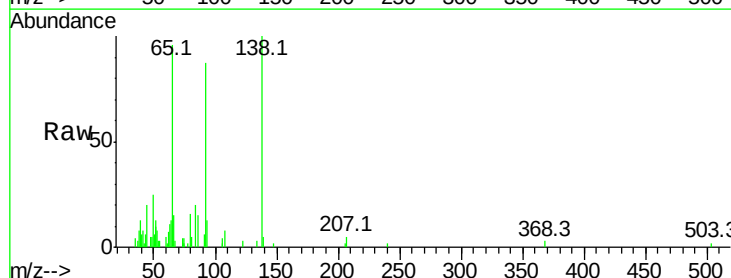
Tgt Ion:138 Resp: 17170

Ion Ratio Lower Upper

138 100

108 8.3 10.9 16.3#

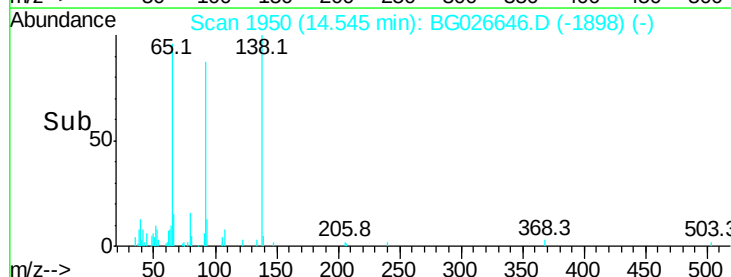
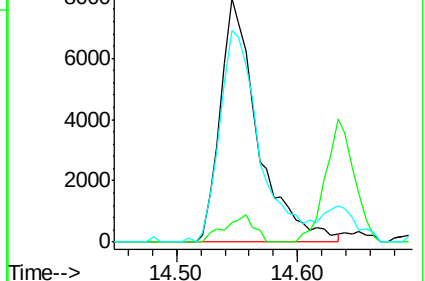
92 86.9 115.3 172.9#

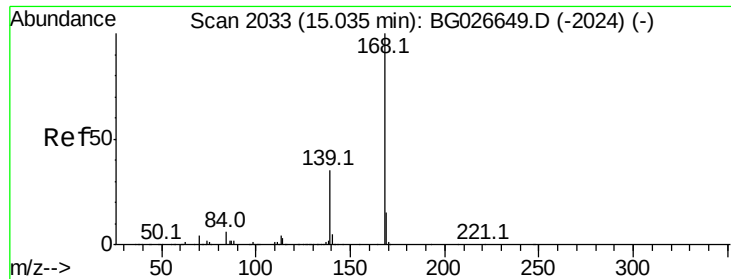


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#54

Dibenzofuran

Concen: 3.01 ng

RT: 15.03 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

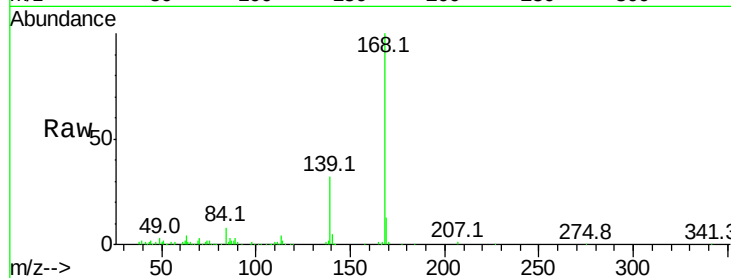
Tot Ion:168 Resp: 101243

Ion Ratio Lower Upper

168 100

139 31.5 35.3 52.9#

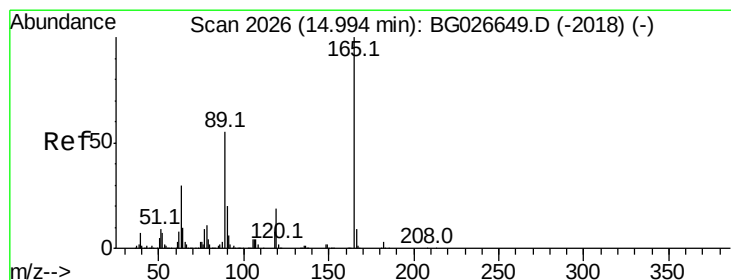
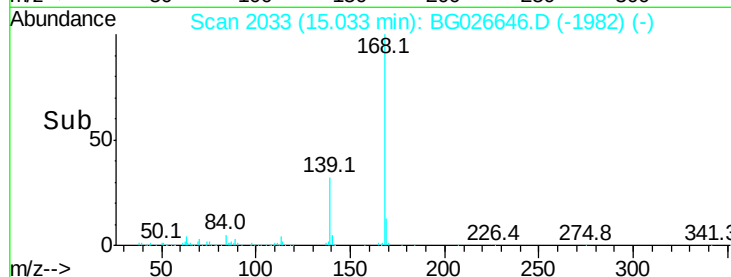
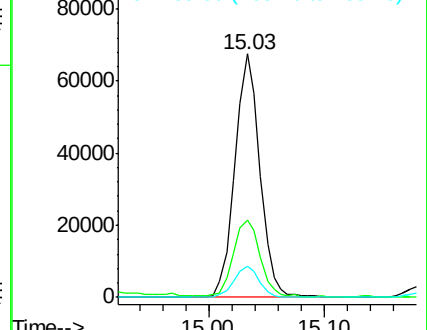
169 12.6 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

2,4-Dinitrotoluene

Concen: 2.22 ng

RT: 15.00 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

Tgt Ion:165 Resp: 20226

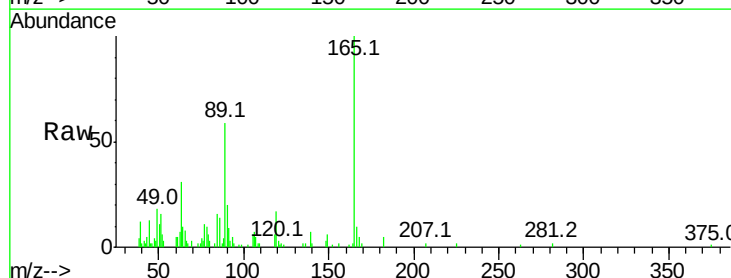
Ion Ratio Lower Upper

165 100

63 30.7 44.0 66.0#

89 58.5 67.3 100.9#

182 5.0 3.8 5.6

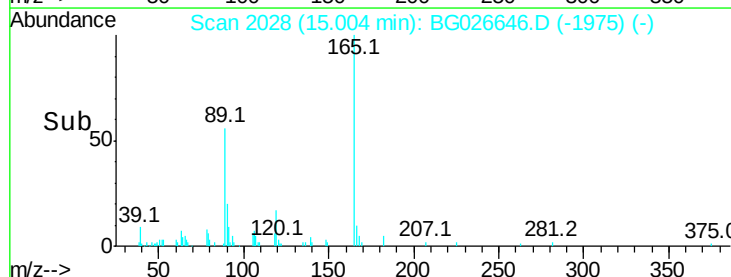
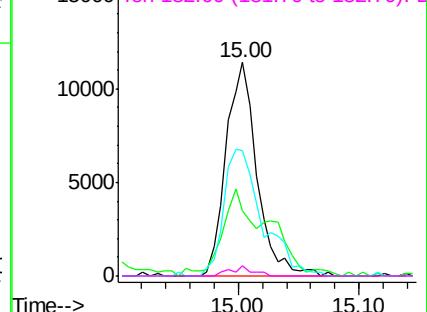


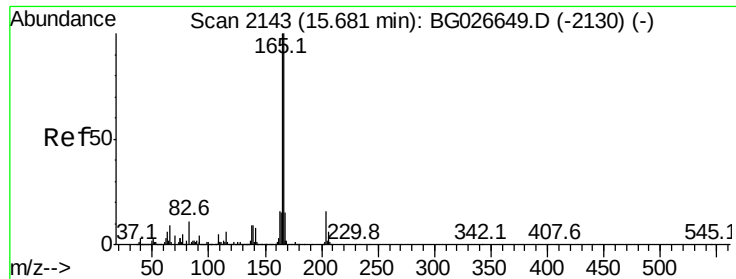
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 2.74 ng

RT: 15.68 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

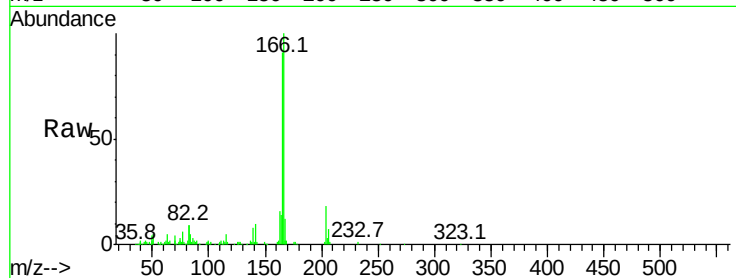
Tot Ion:166 Resp: 82008

Ion Ratio Lower Upper

166 100

165 91.0 78.6 117.8

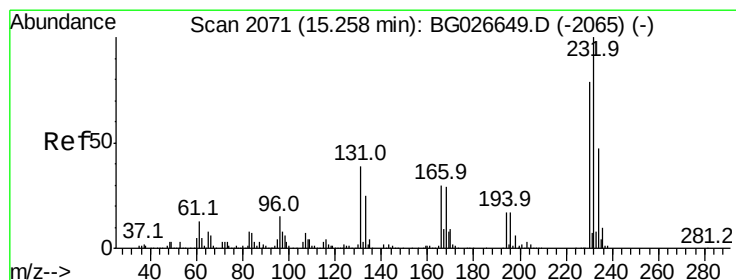
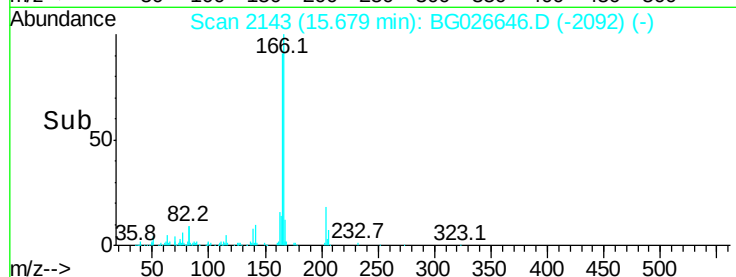
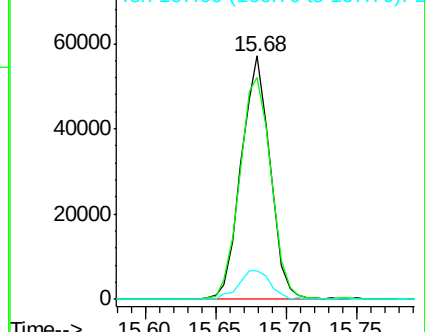
167 11.8 11.6 17.4



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 3.53 ng

RT: 15.26 min Scan# 2072

Delta R.T. 0.00 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

Tgt Ion:232 Resp: 24678

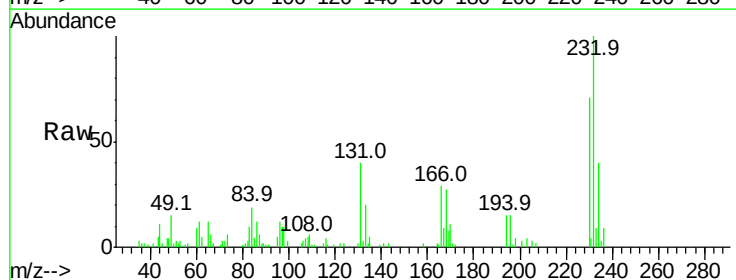
Ion Ratio Lower Upper

232 100

131 41.1 34.9 52.3

130 1.3 2.3 3.5#

166 30.3 24.2 36.4

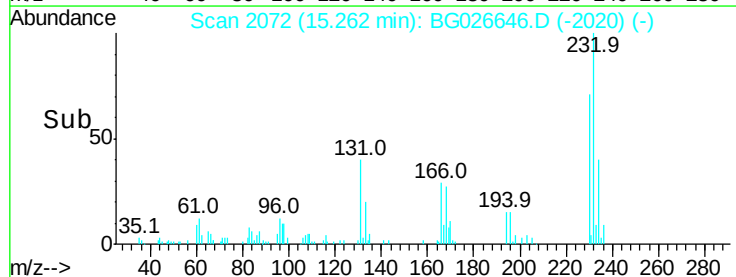
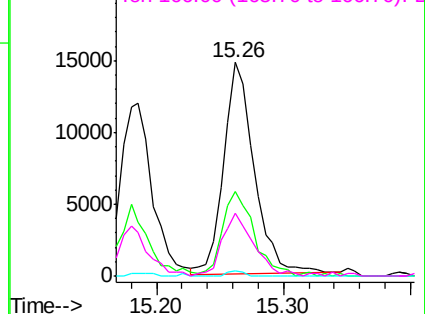


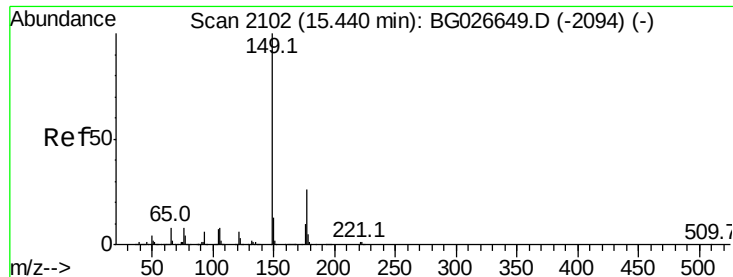
Abundance Ion 232.00 (231.70 to 232.70): E

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





#59

Diethylphthalate

Concen: 2.86 ng

RT: 15.44 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

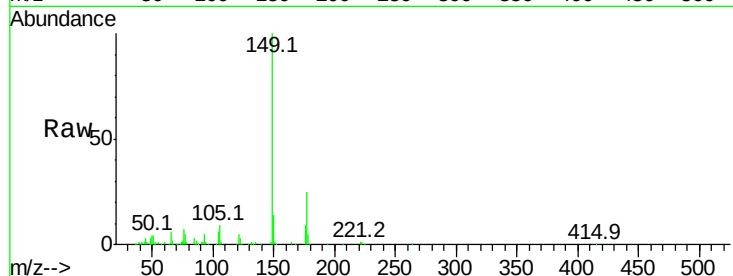
Tot Ion:149 Resp: 81220

Ion Ratio Lower Upper

149 100

177 24.8 20.1 30.1

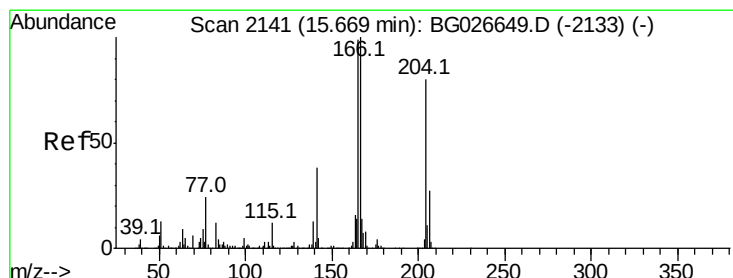
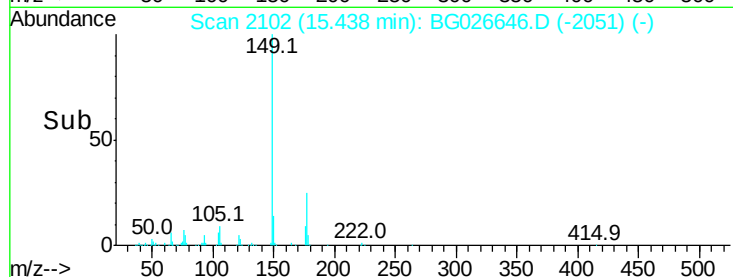
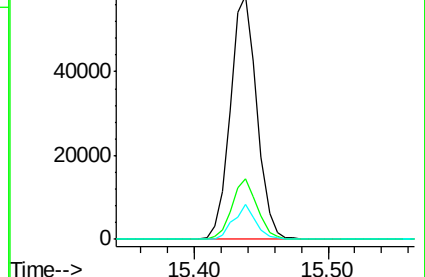
150 14.3 10.2 15.2



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



#60

4-Chlorophenyl-phenylether

Concen: 2.74 ng

RT: 15.67 min Scan# 2141

Delta R.T. -0.00 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

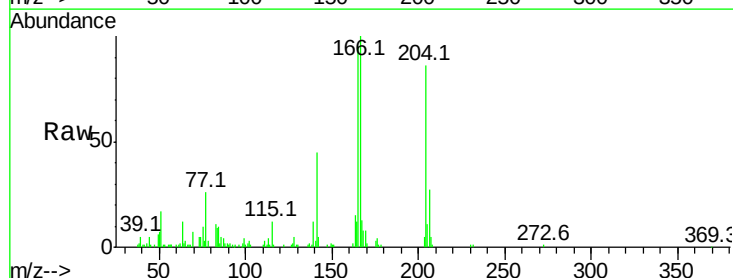
Tgt Ion:204 Resp: 38864

Ion Ratio Lower Upper

204 100

206 31.1 30.1 45.1

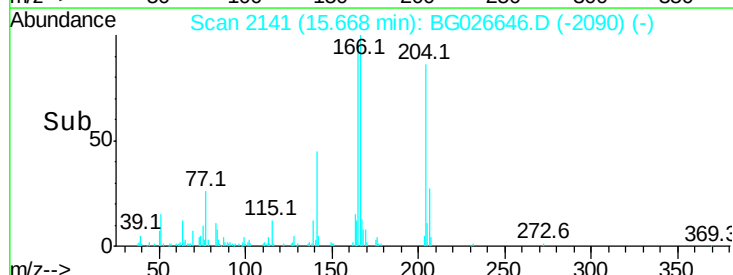
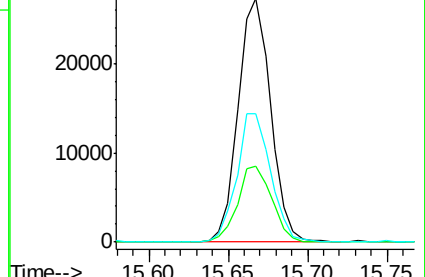
141 52.7 50.6 76.0

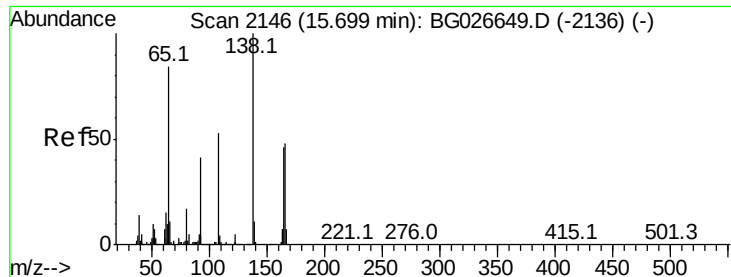


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

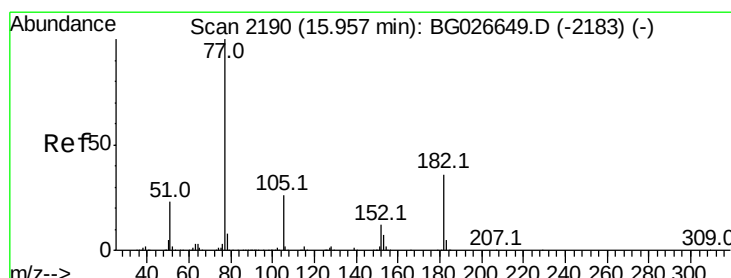
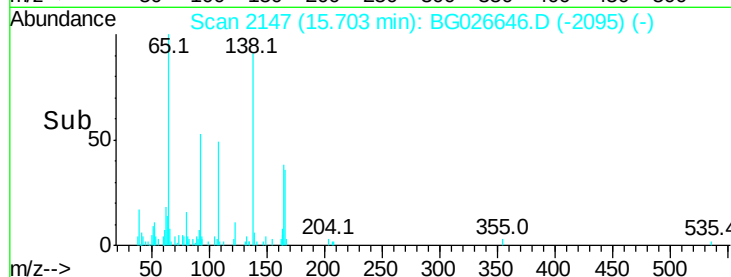
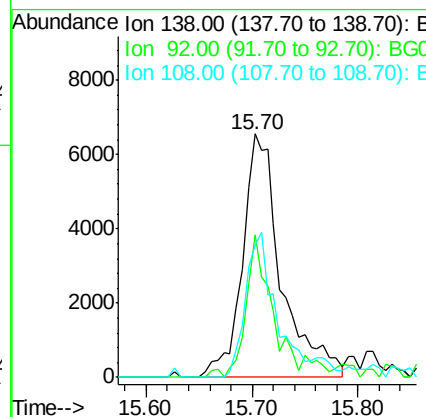
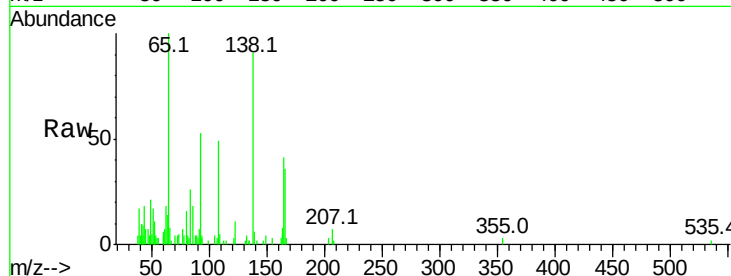




#61  
4-Nitroaniline  
Concen: 2.21 ng  
RT: 15.70 min Scan# 2147  
Delta R.T. 0.00 min  
Lab File: BG026646.D  
Acq: 18 Apr 2017 13:07

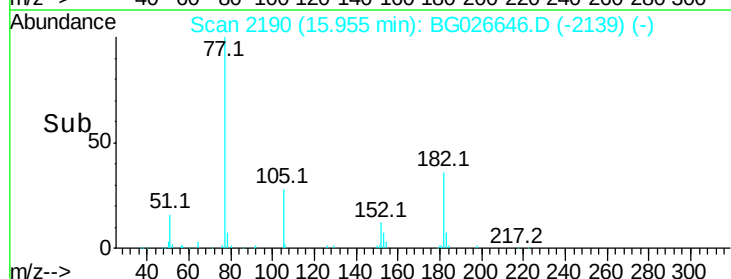
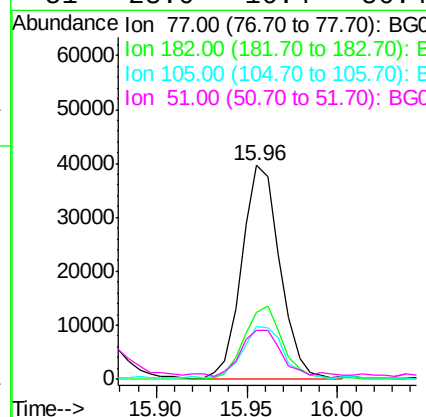
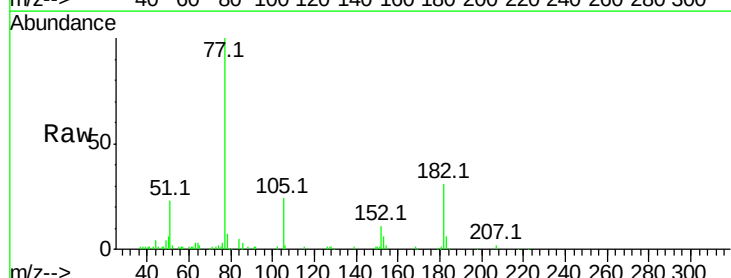
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

Tot Ion:138 Resp: 16697  
Ion Ratio Lower Upper  
138 100  
92 58.5 44.2 84.2  
108 54.5 104.8 144.8#

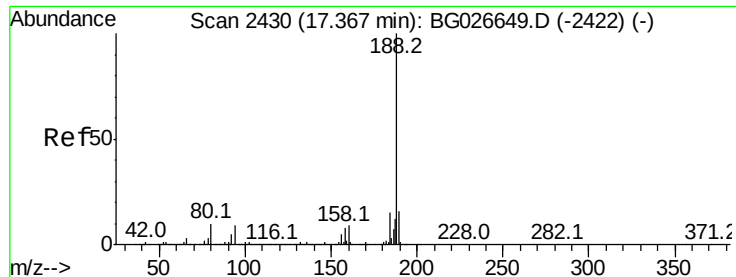


#62  
Azobenzene  
Concen: 2.51 ng  
RT: 15.96 min Scan# 2190  
Delta R.T. -0.00 min  
Lab File: BG026646.D  
Acq: 18 Apr 2017 13:07

Tgt Ion: 77 Resp: 57986  
Ion Ratio Lower Upper  
77 100  
182 31.0 4.7 44.7  
105 24.4 0.0 36.3  
51 23.0 16.4 56.4



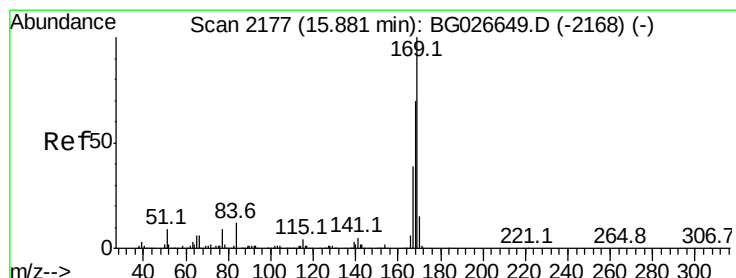
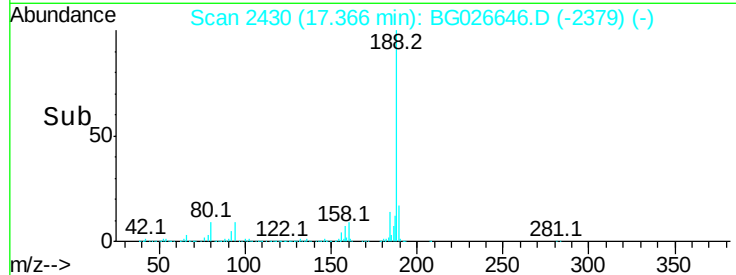
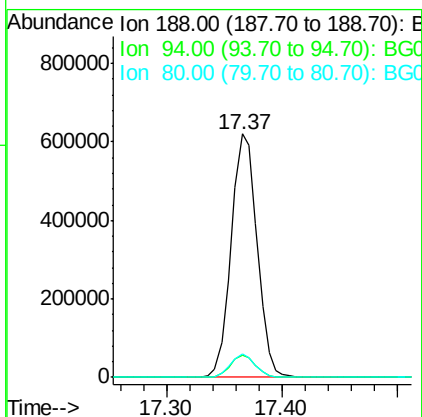
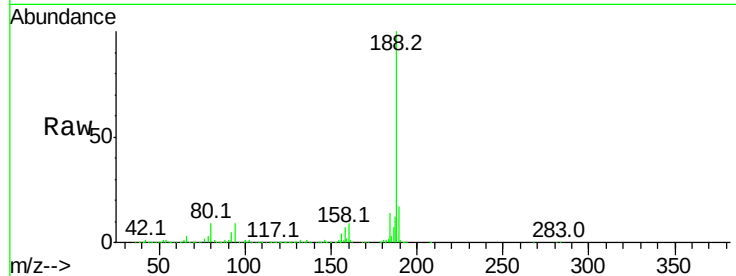




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.37 min Scan# 2430  
Delta R.T. -0.00 min  
Lab File: BG026646.D  
Acq: 18 Apr 2017 13:07

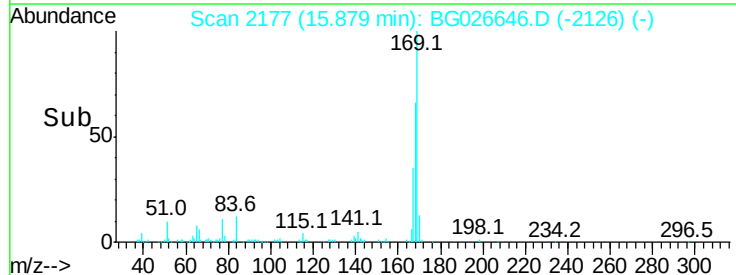
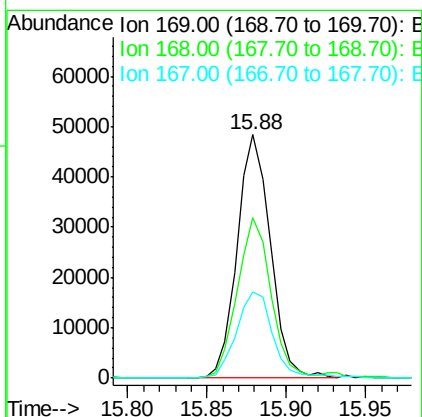
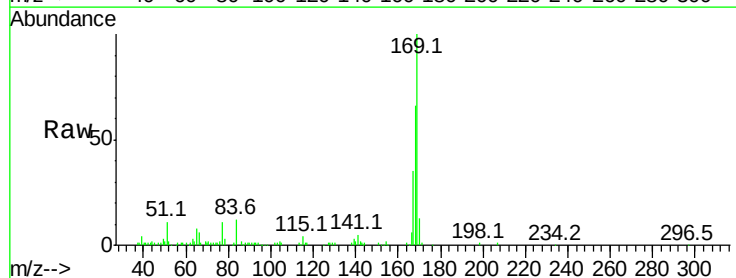
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

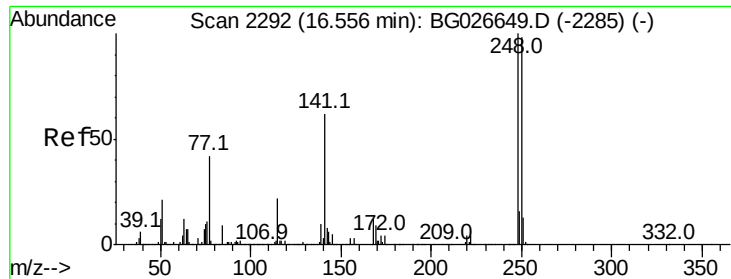
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 9.1   | 5.8   | 8.8#  |
| 80      | 9.5   | 7.5   | 11.3  |



#65  
n-Nitrosodiphenylamine  
Concen: 2.50 ng  
RT: 15.88 min Scan# 2177  
Delta R.T. -0.00 min  
Lab File: BG026646.D  
Acq: 18 Apr 2017 13:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 65.8  | 55.7  | 83.5  |
| 167     | 35.3  | 29.8  | 44.6  |

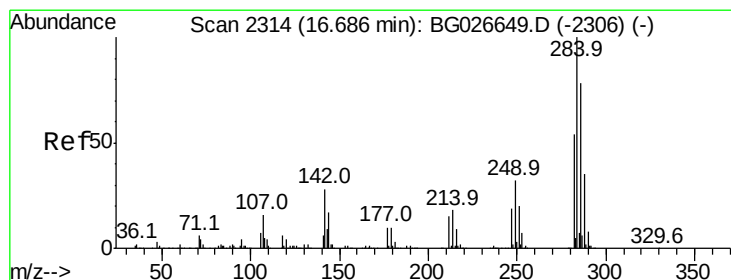
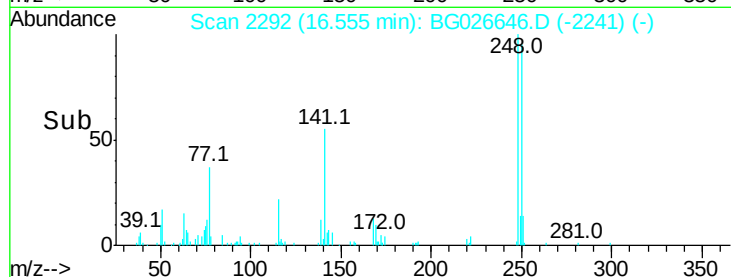
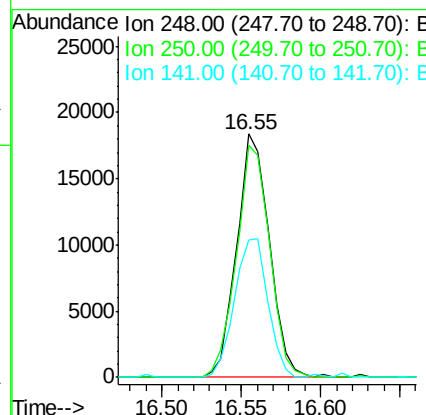
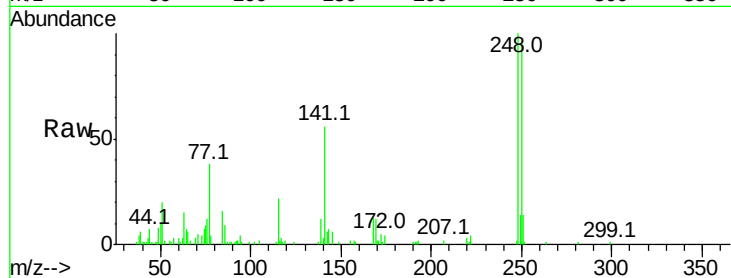




#66  
4-Bromophenyl-phenylether  
Concen: 2.65 ng  
RT: 16.55 min Scan# 2292  
Delta R.T. -0.00 min  
Lab File: BG026646.D  
Acq: 18 Apr 2017 13:07

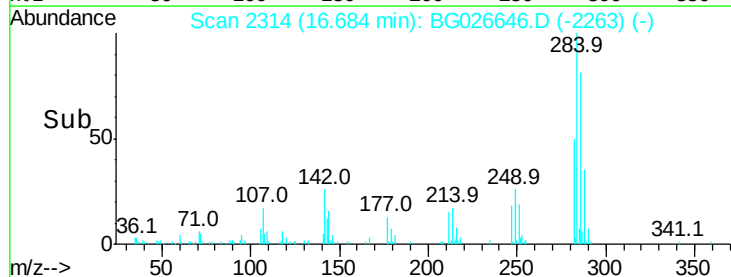
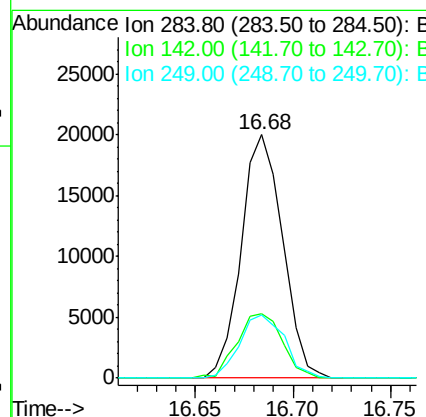
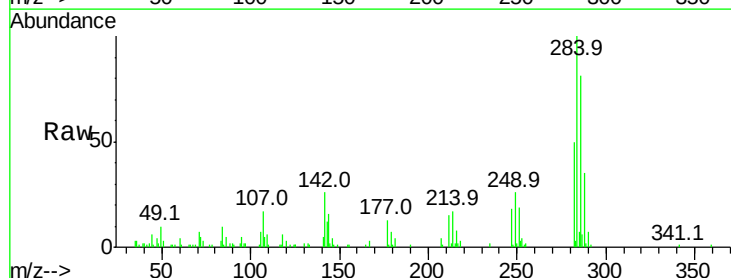
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

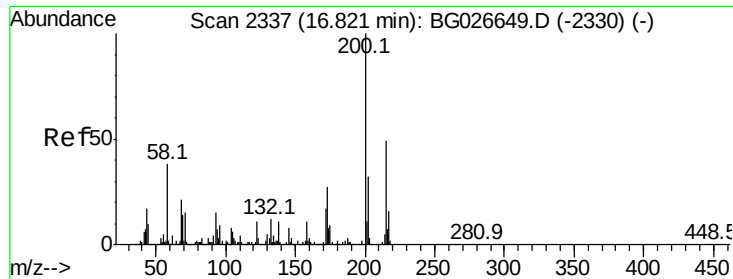
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 95.3  | 75.0  | 112.6 |
| 141     | 56.3  | 55.2  | 82.8  |



#67  
Hexachlorobenzene  
Concen: 2.78 ng  
RT: 16.68 min Scan# 2314  
Delta R.T. -0.00 min  
Lab File: BG026646.D  
Acq: 18 Apr 2017 13:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 26.4  | 29.9  | 44.9# |
| 249     | 26.0  | 29.2  | 43.8# |





#68

Atrazine

Concen: 2.49 ng

RT: 16.82 min Scan# 2337

Delta R.T. -0.00 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

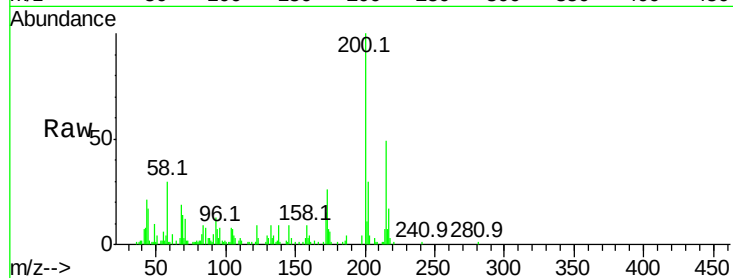
Tot Ion:200 Resp: 26548

Ion Ratio Lower Upper

200 100

173 26.0 3.0 43.0

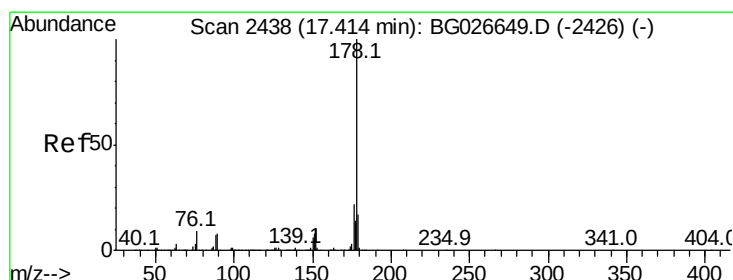
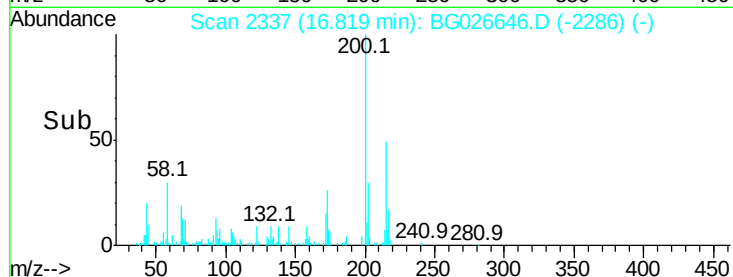
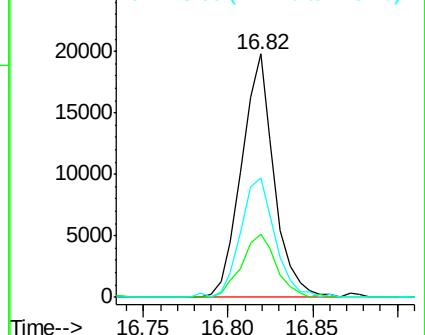
215 49.1 28.4 68.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Phenanthrene

Concen: 2.67 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

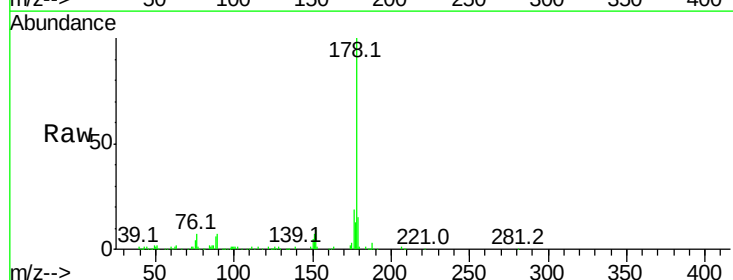
Tgt Ion:178 Resp: 137708

Ion Ratio Lower Upper

178 100

176 18.9 17.7 26.5

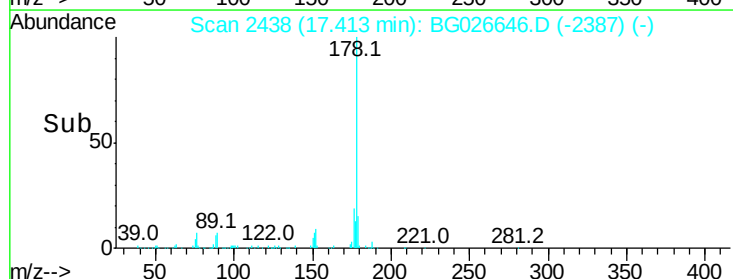
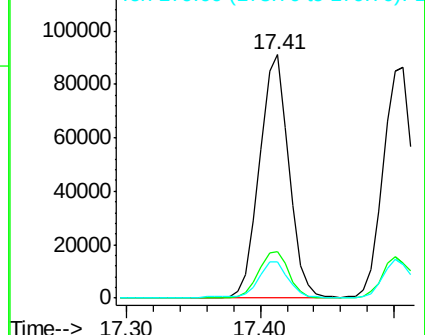
179 14.8 15.0 22.6#

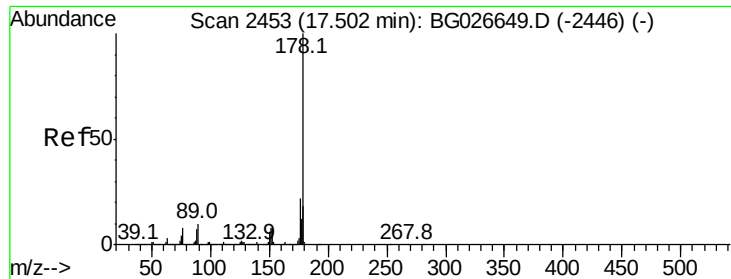


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

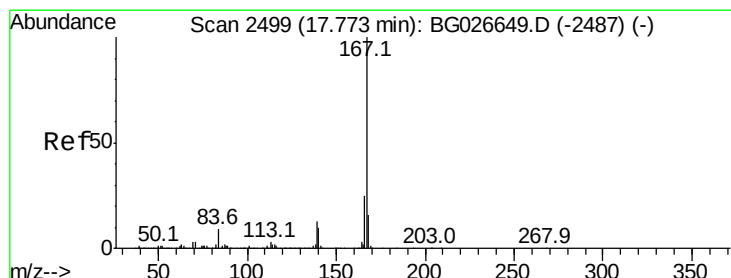
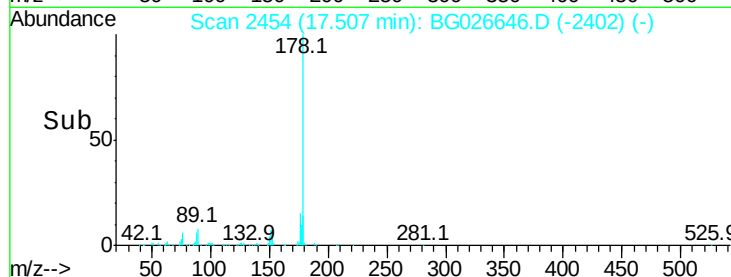
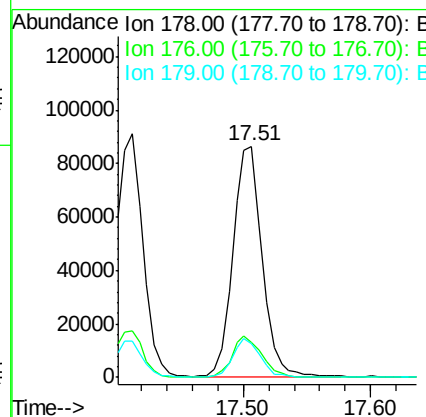
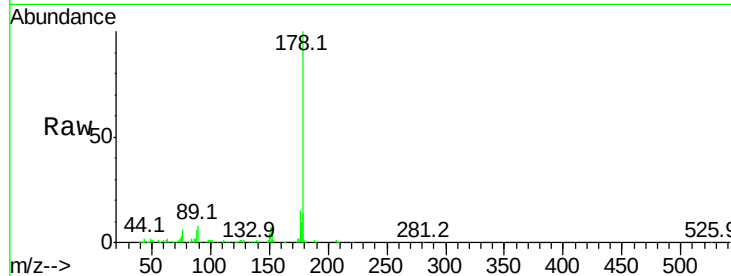




#71  
 Anthracene  
 Concen: 2.64 ng/mL  
 RT: 17.51 min Scan# 2454  
 Delta R.T. 0.00 min  
 Lab File: BG026646.D  
 Acq: 18 Apr 2017 13:07

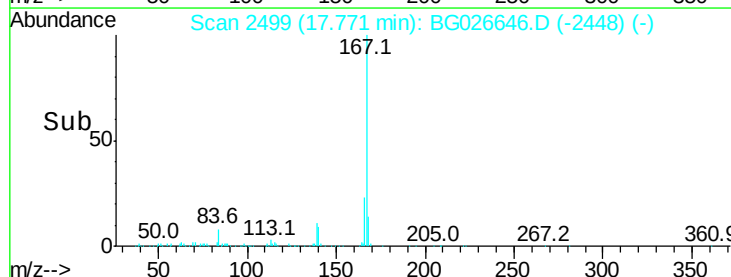
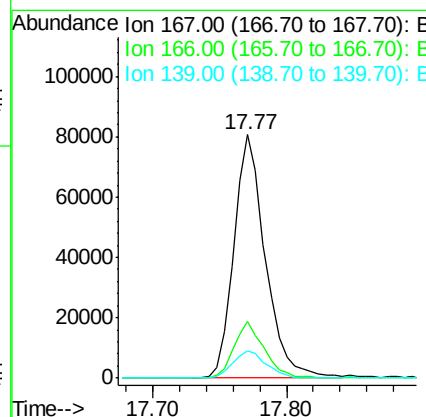
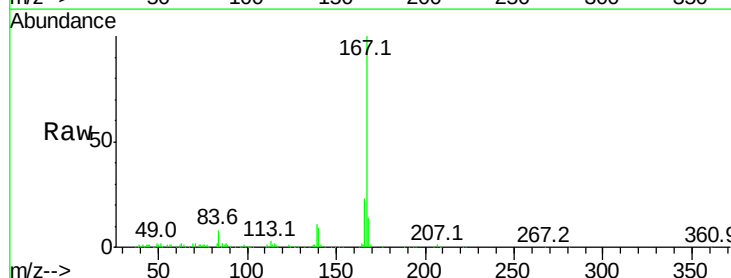
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC2.5

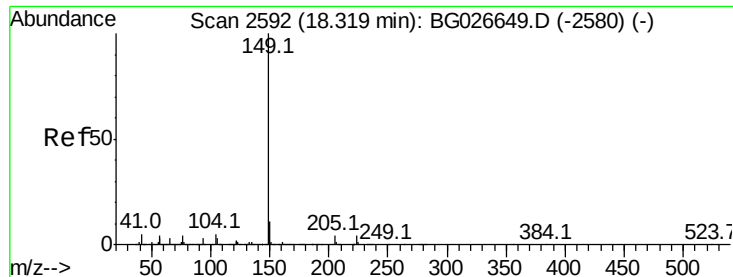
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 15.2  | 16.4  | 24.6# |
| 179     | 14.3  | 13.8  | 20.8  |



#72  
 Carbazole  
 Concen: 2.45 ng/mL  
 RT: 17.77 min Scan# 2499  
 Delta R.T. -0.00 min  
 Lab File: BG026646.D  
 Acq: 18 Apr 2017 13:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.4  | 20.2  | 30.2  |
| 139     | 11.0  | 12.8  | 19.2# |





#73

Di-n-butylphthalate

Concen: 2.84 ng

RT: 18.32 min Scan# 2592

Delta R.T. -0.00 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

Instrument :

BNA\_G

ClientSampleId :

SSTDIC2.5

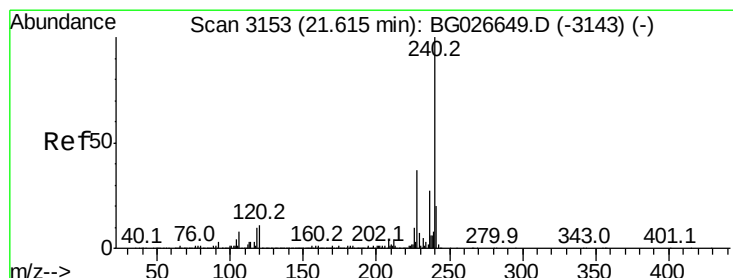
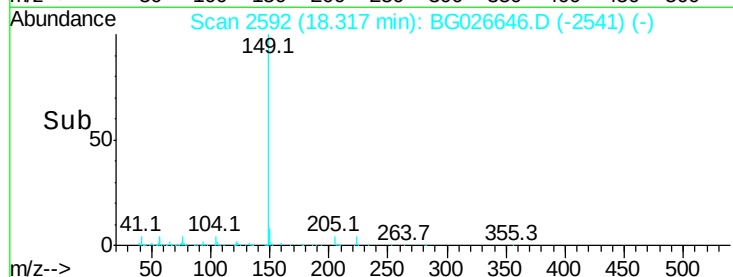
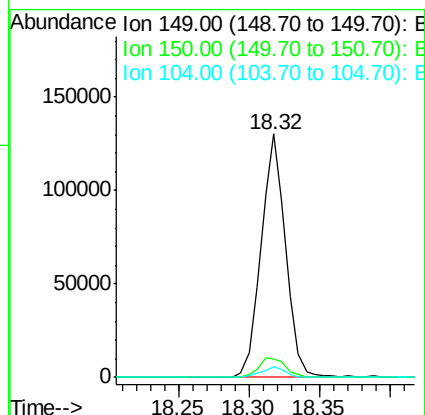
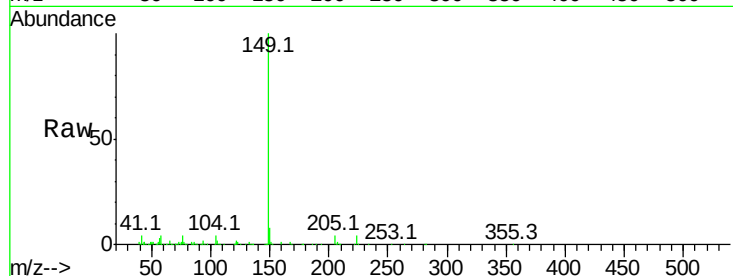
Tot Ion:149 Resp: 158478

Ion Ratio Lower Upper

149 100

150 7.8 9.1 13.7#

104 4.1 6.7 10.1#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

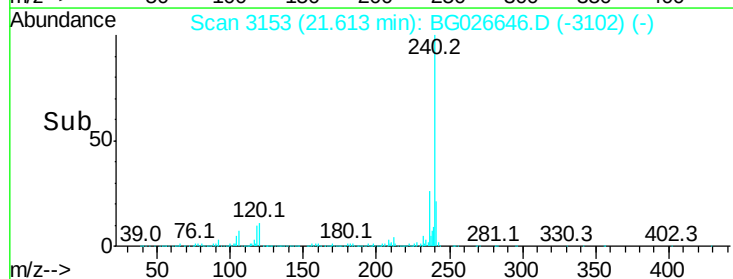
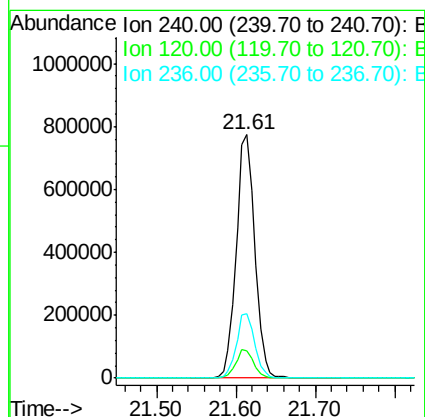
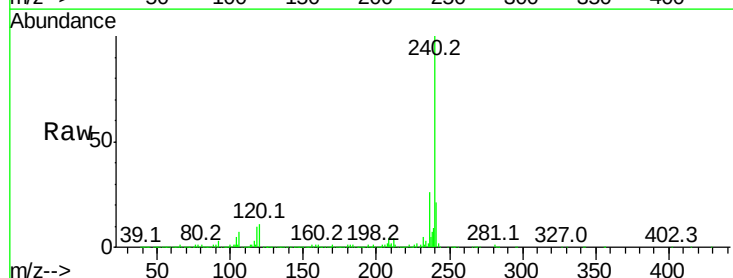
Tgt Ion:240 Resp: 1254665

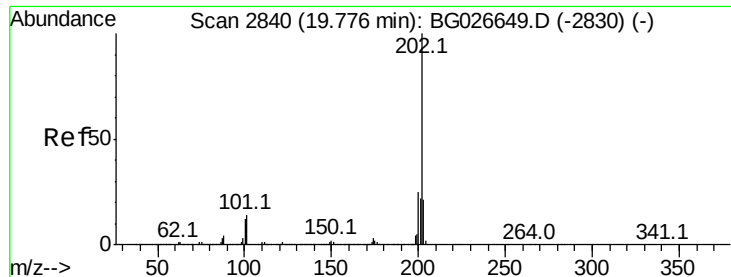
Ion Ratio Lower Upper

240 100

120 11.2 5.7 8.5#

236 26.4 22.2 33.4





#77

Pvrene

Concen: 2.55 ng

RT: 19.77 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

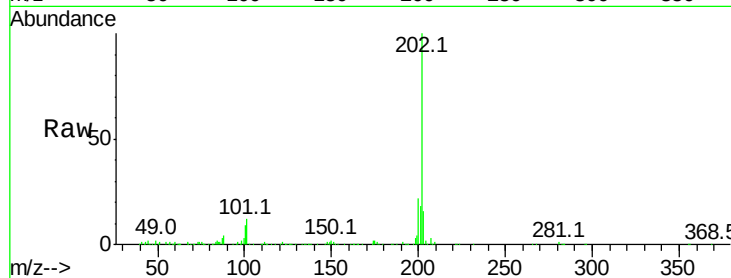
Tot Ion: 202 Resp: 184930

Ion Ratio Lower Upper

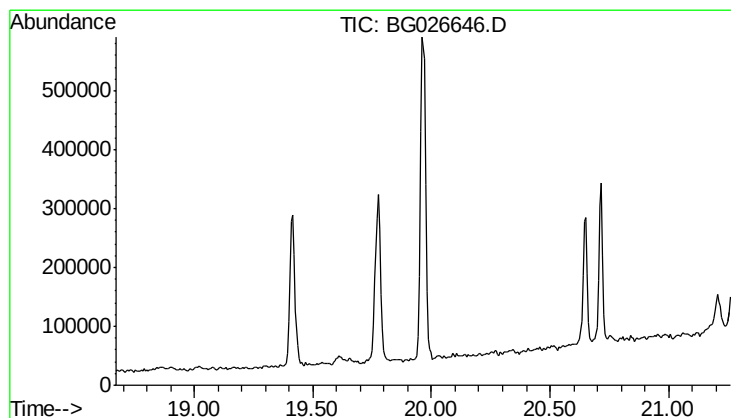
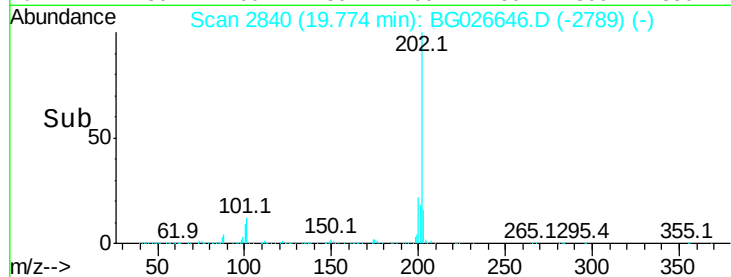
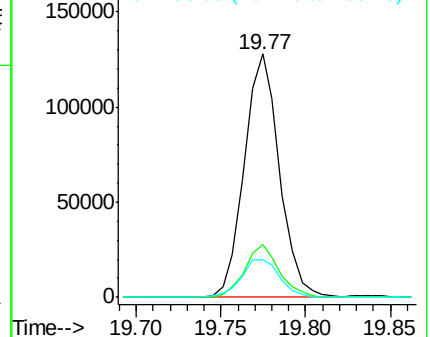
202 100

200 21.8 19.6 29.4

203 15.6 15.8 23.8#



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 0.00 ng

Expected RT: 19.96 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

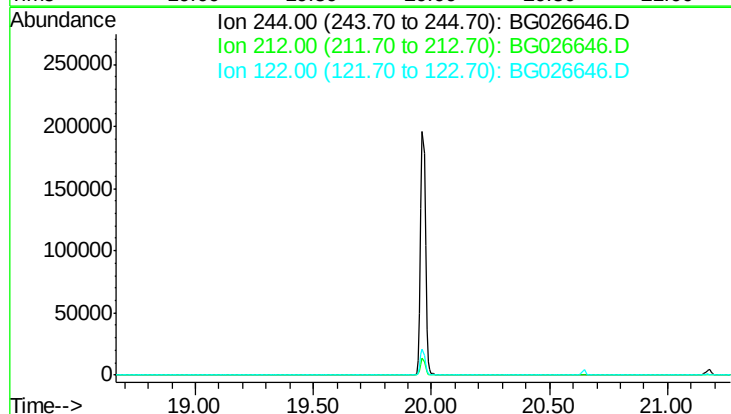
Tgt Ion: 244

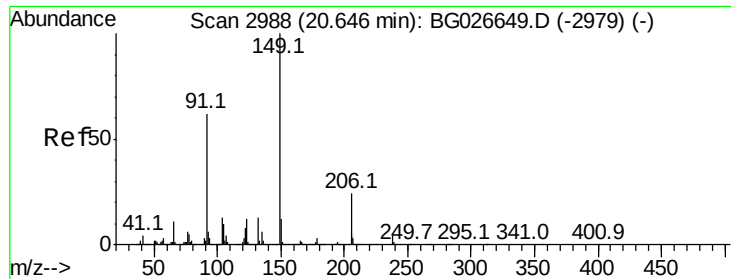
Sig Exp Ratio

244 100

212 12.5

122 10.7





#79

Butylbenzylphthalate

Concen: 2.62 ng

RT: 20.65 min Scan# 2989

Delta R.T. 0.00 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

Instrument :

BNA\_G

ClientSampleId :

SSTDIC2.5

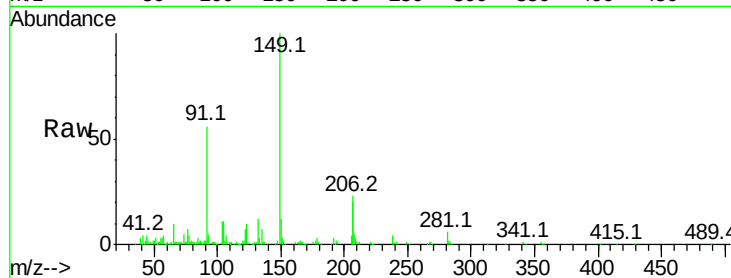
Tot Ion:149 Resp: 76080

Ion Ratio Lower Upper

149 100

91 55.5 63.5 95.3#

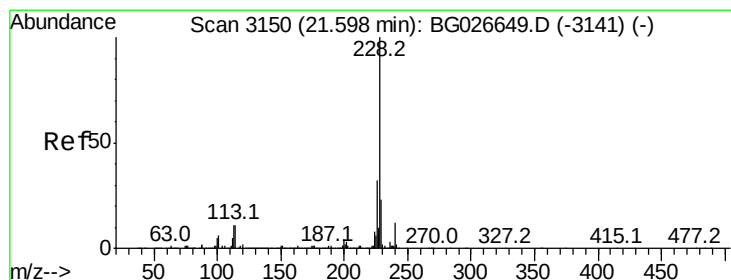
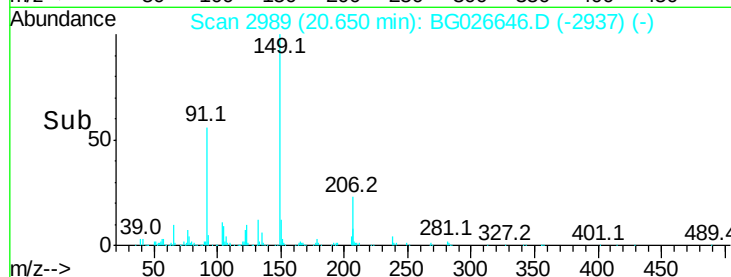
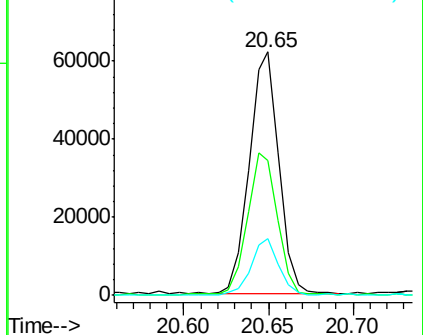
206 23.3 21.0 31.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 2.69 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

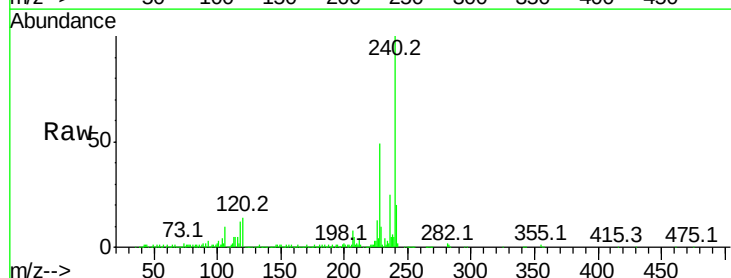
Tgt Ion:228 Resp: 189938

Ion Ratio Lower Upper

228 100

226 27.1 24.9 37.3

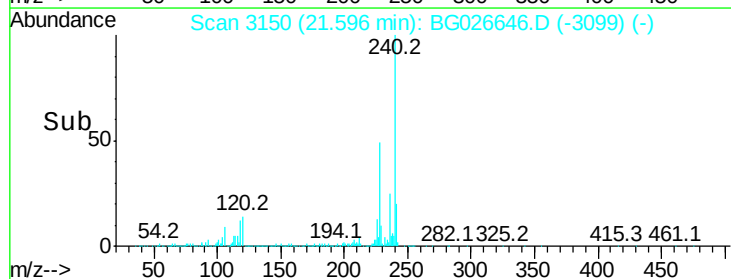
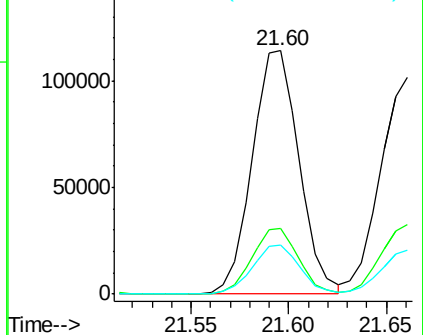
229 20.3 18.2 27.2

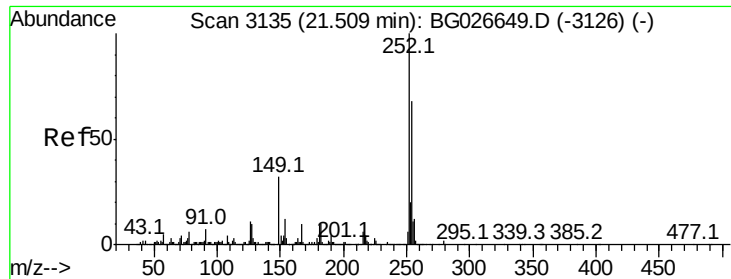


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

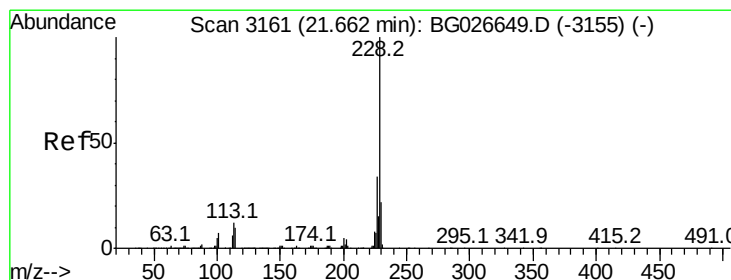
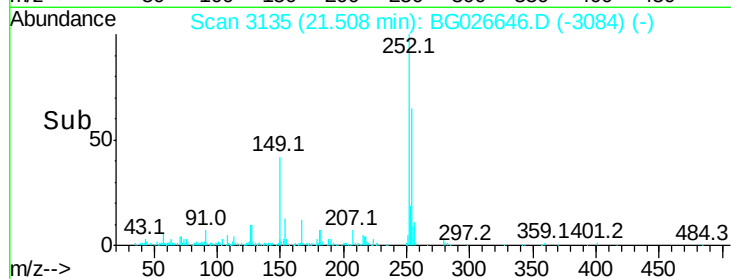
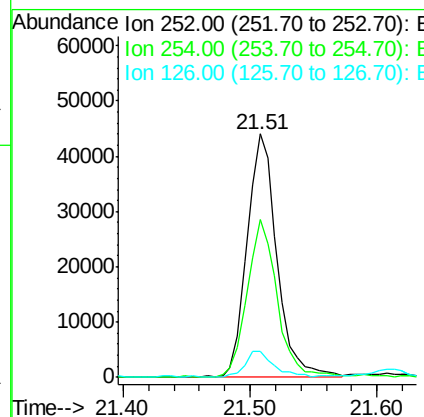
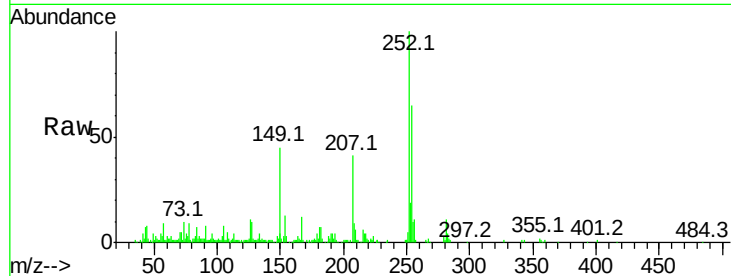




#81  
 3,3'-Dichlorobenzidine  
 Concen: 2.49 ng  
 RT: 21.51 min Scan# 3135  
 Delta R.T. -0.00 min  
 Lab File: BG026646.D  
 Acq: 18 Apr 2017 13:07

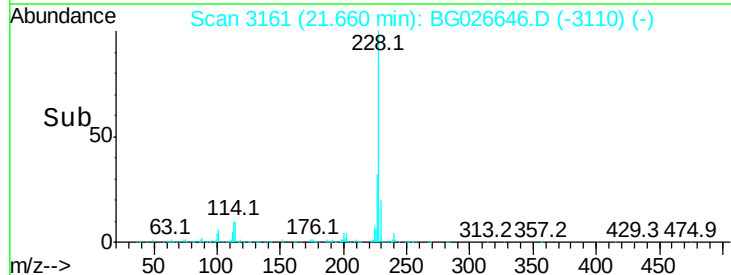
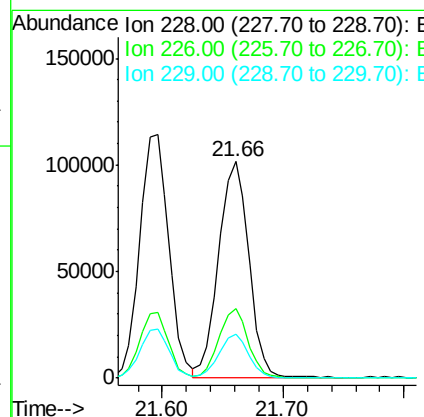
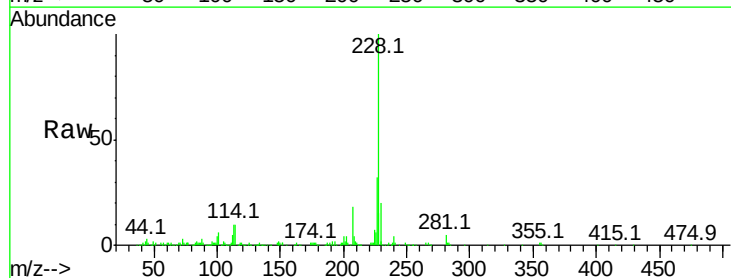
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.9  | 53.1  | 79.7  |
| 126     | 10.7  | 7.0   | 10.4  |

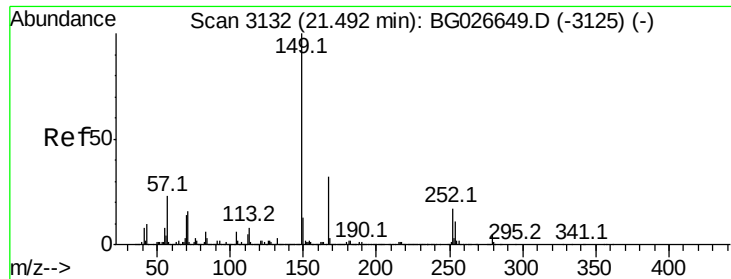


#82  
 Chrysene  
 Concen: 2.59 ng  
 RT: 21.66 min Scan# 3161  
 Delta R.T. -0.00 min  
 Lab File: BG026646.D  
 Acq: 18 Apr 2017 13:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.9  | 27.0  | 40.4  |
| 229     | 20.4  | 17.8  | 26.6  |







#83

Bis(2-ethylhexyl)phthalate

Concen: 2.66 ng

RT: 21.49 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

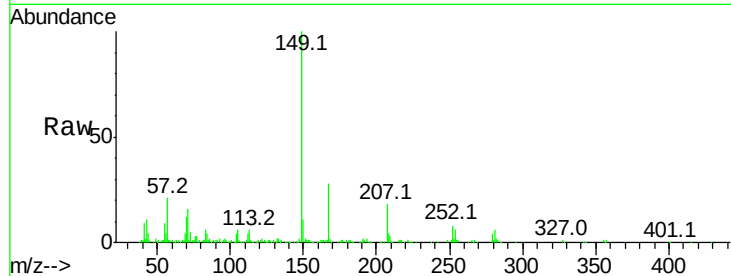
Tot Ion:149 Resp: 116966

Ion Ratio Lower Upper

149 100

167 28.1 23.7 35.5

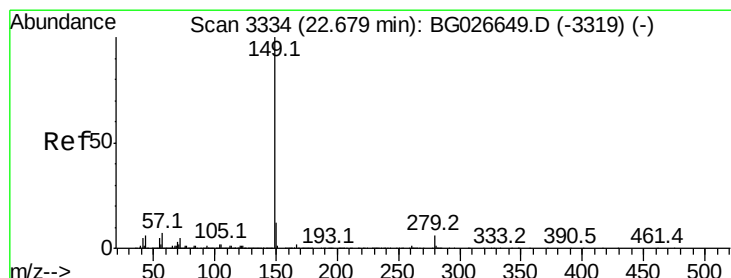
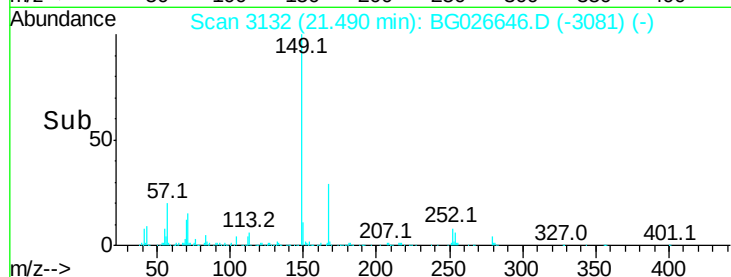
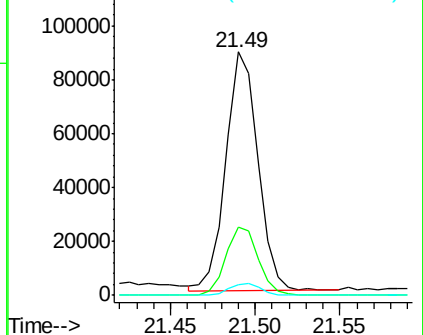
279 4.2 4.6 6.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 2.42 ng

RT: 22.68 min Scan# 3334

Delta R.T. -0.00 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

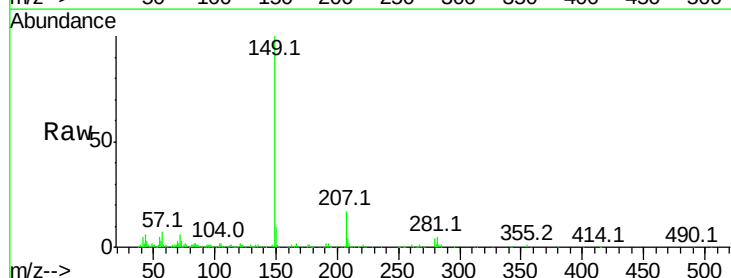
Tgt Ion:149 Resp: 181552

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

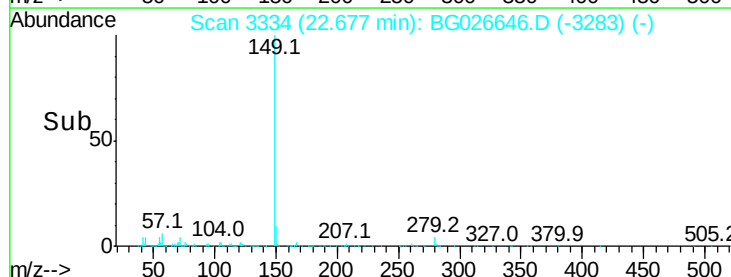
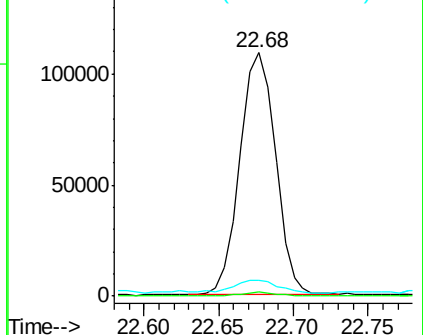
43 6.4 11.8 17.6#

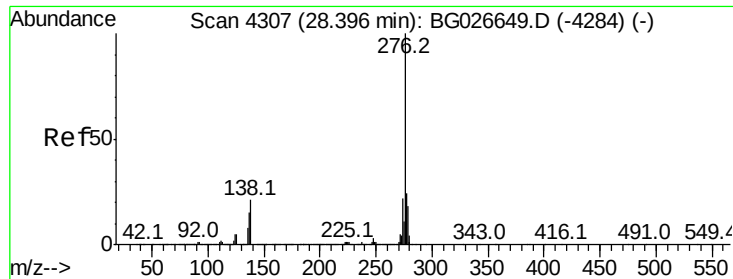


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.51 ng

RT: 28.38 min Scan# 4305

Delta R.T. -0.01 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

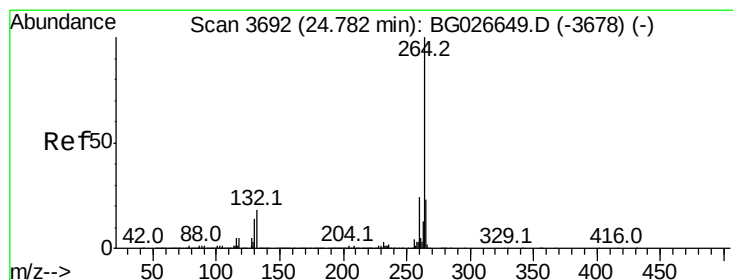
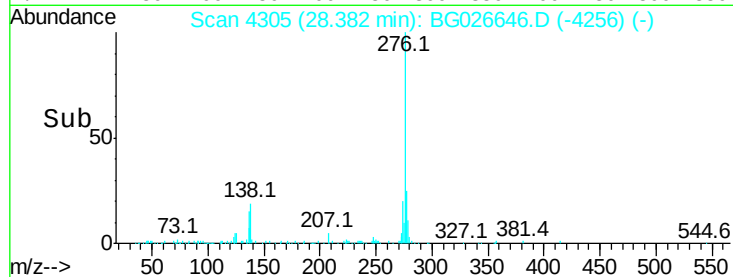
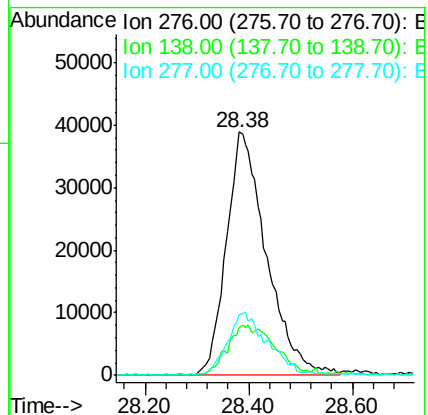
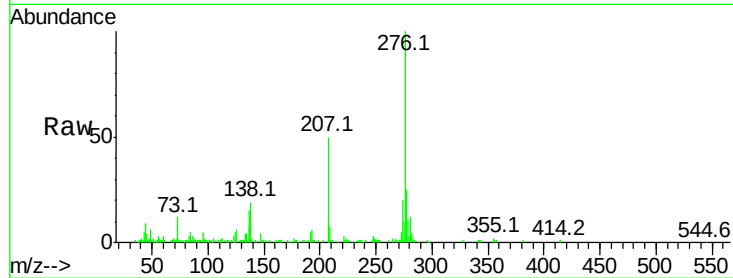
Tot Ion:276 Resp: 209043

Ion Ratio Lower Upper

276 100

138 13.7 4.7 7.1#

277 26.1 20.6 31.0



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.78 min Scan# 3692

Delta R.T. -0.00 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

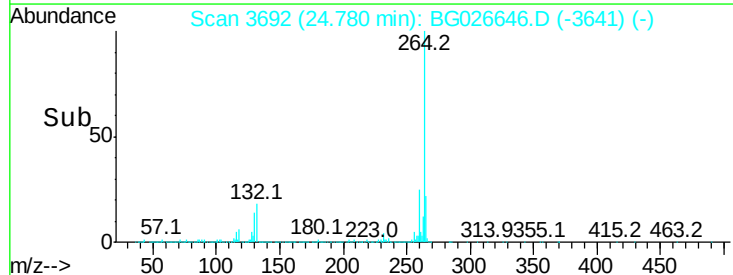
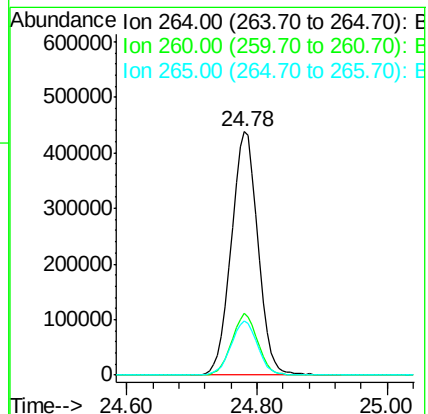
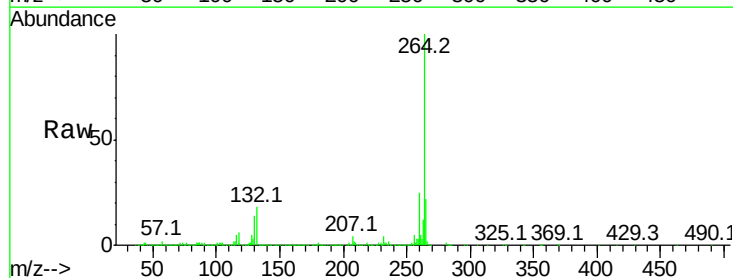
Tgt Ion:264 Resp: 1242426

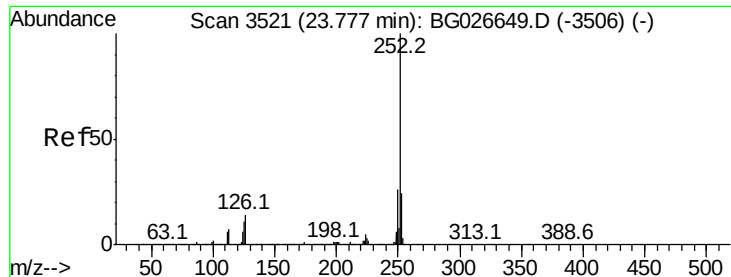
Ion Ratio Lower Upper

264 100

260 25.2 21.8 32.8

265 22.5 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 2.53 ng

RT: 23.78 min Scan# 3521

Delta R.T. -0.00 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

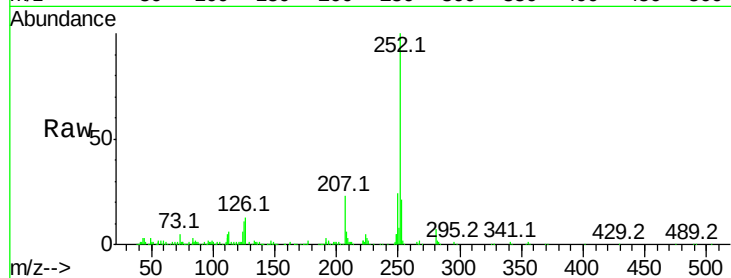
Tot Ion:252 Resp: 185255

Ion Ratio Lower Upper

252 100

253 21.5 18.7 28.1

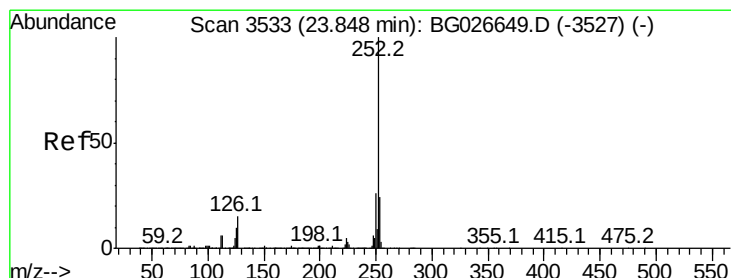
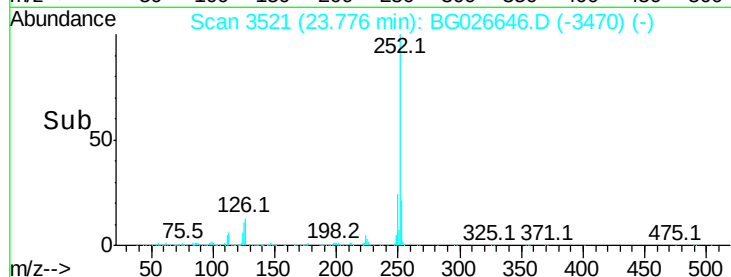
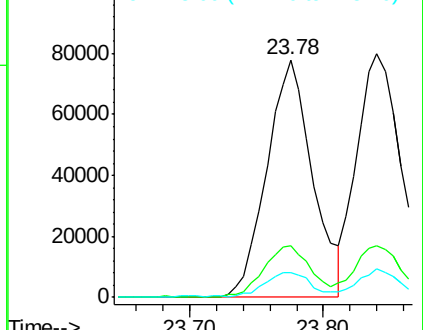
125 10.5 5.3 7.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 2.57 ng

RT: 23.84 min Scan# 3532

Delta R.T. -0.01 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

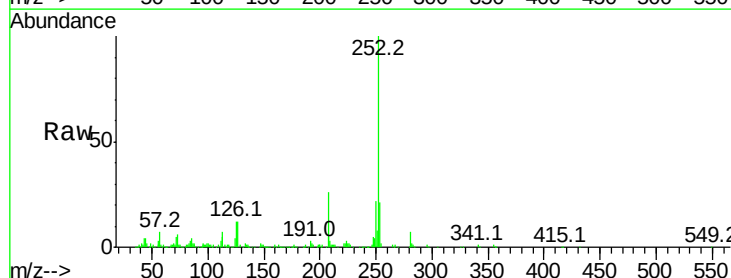
Tgt Ion:252 Resp: 182735

Ion Ratio Lower Upper

252 100

253 21.0 20.2 30.2

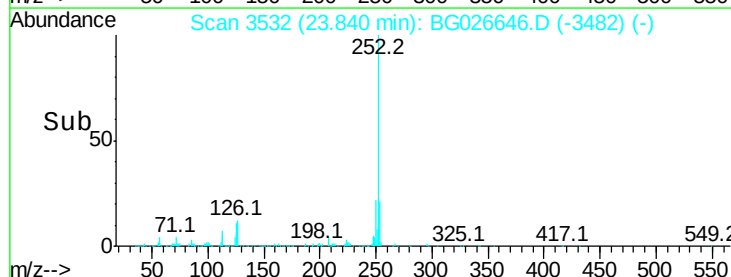
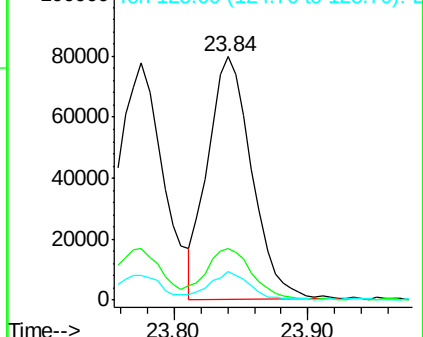
125 11.6 5.1 7.7#

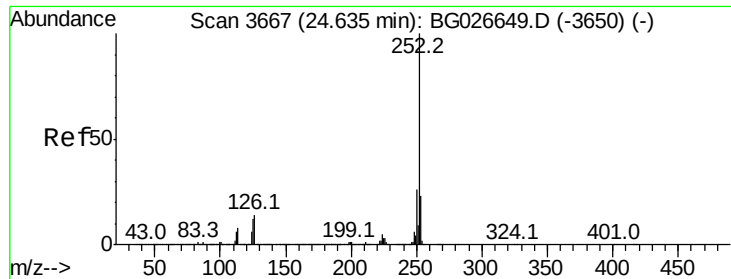


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 2.55 ng

RT: 24.63 min Scan# 3667

Delta R.T. -0.00 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

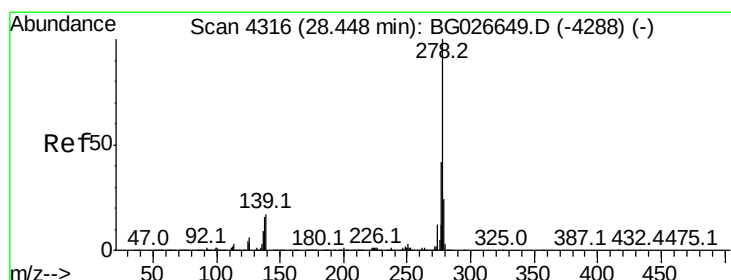
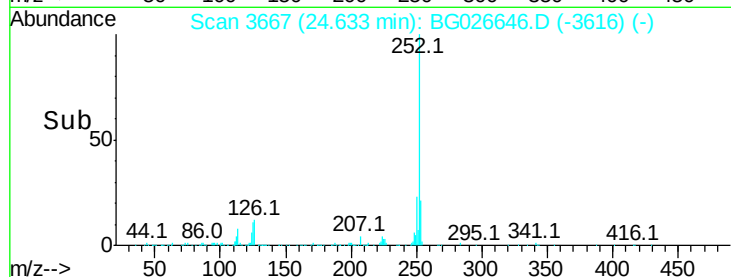
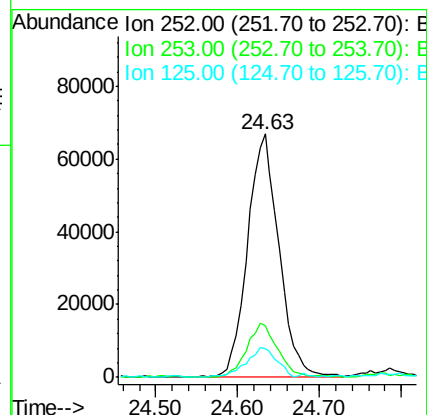
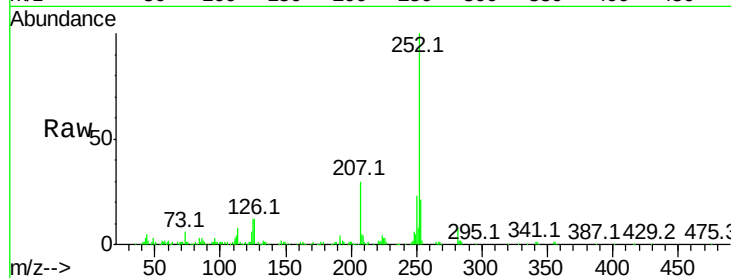
Tot Ion:252 Resp: 179274

Ion Ratio Lower Upper

252 100

253 21.0 19.2 28.8

125 11.6 5.4 8.0#



#90

Dibenzo(a,h)anthracene

Concen: 2.33 ng

RT: 28.44 min Scan# 4315

Delta R.T. -0.01 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

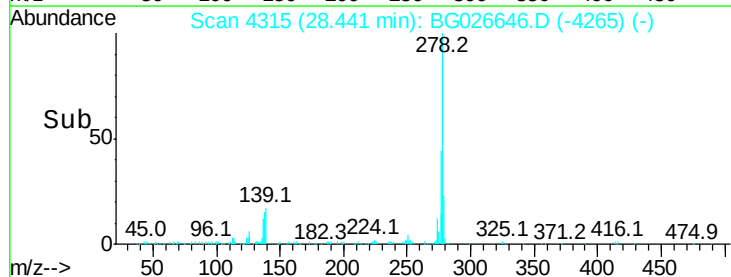
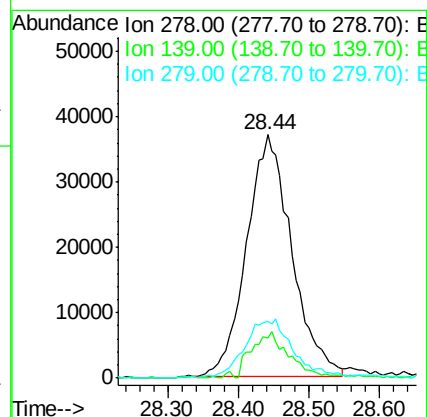
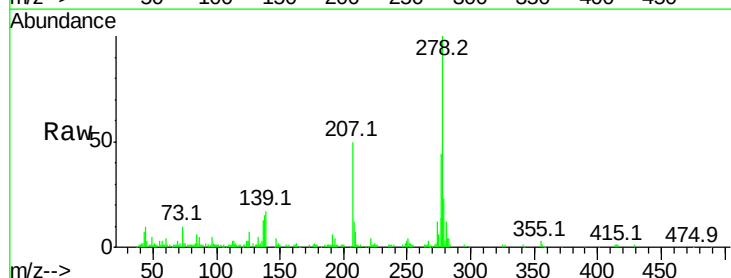
Tgt Ion:278 Resp: 165371

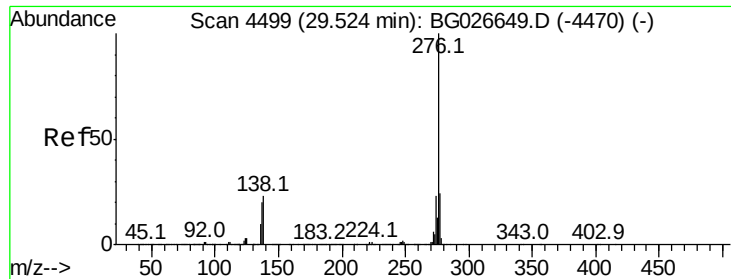
Ion Ratio Lower Upper

278 100

139 16.5 7.7 11.5#

279 23.5 19.1 28.7





#91

Benzo(a,h,i)perylene

Concen: 2.51 ng

RT: 29.50 min Scan# 4496

Delta R.T. -0.02 min

Lab File: BG026646.D

Acq: 18 Apr 2017 13:07

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

Tot Ion: 276 Resp: 179545

Ion Ratio Lower Upper

276 100

277 24.0 18.6 27.8

138 20.4 8.1 12.1#

