

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041817\  
 Data File : BG026647.D  
 Acq On : 18 Apr 2017 13:46  
 Operator : SJ/MA  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

Quant Time: Apr 18 16:09:23 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 15:56:28 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.03  | 152  | 165486   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.83 | 136  | 692834   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.63 | 164  | 411162   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.37 | 188  | 1052146  | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.61 | 240  | 1265428  | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.78 | 264  | 1256688  | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.60  | 112 | 186606  | 20.01 | ng | 0.00 |
| 7) Phenol-d6             | 7.19  | 99  | 246296  | 19.68 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.19  | 82  | 202028  | 17.53 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.11 | 330 | 118823  | 25.24 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.26 | 172 | 618031  | 21.08 | ng | 0.00 |
| 78) Terphenyl-d14        | 19.96 | 244 | 1039343 | 19.95 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.49  | 88  | 48848  | 11.67 | ng | # 72   |
| 3) Pyridine                    | 3.89  | 79  | 103670 | 9.05  | ng | # 66   |
| 4) n-Nitrosodimethylamine      | 3.80  | 42  | 28277  | 9.03  | ng | # 1    |
| 6) Aniline                     | 7.35  | 93  | 149313 | 8.93  | ng | # 88   |
| 8) 2-Chlorophenol              | 7.59  | 128 | 110492 | 10.52 | ng | # 80   |
| 9) Benzaldehyde                | 7.17  | 77  | 86831  | 10.28 | ng | # 63   |
| 10) Phenol                     | 7.22  | 94  | 135487 | 10.14 | ng | # 71   |
| 11) bis(2-Chloroethyl)ether    | 7.44  | 93  | 107819 | 9.84  | ng | # 80   |
| 12) 1,3-Dichlorobenzene        | 7.92  | 146 | 130747 | 10.46 | ng | # 88   |
| 13) 1,4-Dichlorobenzene        | 8.06  | 146 | 133458 | 10.56 | ng | # 94   |
| 14) 1,2-Dichlorobenzene        | 8.38  | 146 | 128195 | 10.59 | ng | # 88   |
| 15) Benzyl Alcohol             | 8.26  | 79  | 73788  | 8.99  | ng | # 77   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.56  | 45  | 102125 | 8.40  | ng | # 80   |
| 17) 2-Methylphenol             | 8.47  | 107 | 91938  | 9.69  | ng | # 79   |
| 18) Hexachloroethane           | 9.11  | 117 | 40436  | 9.78  | ng | # 90   |
| 19) n-Nitroso-di-n-propylamine | 8.82  | 70  | 74667  | 9.28  | ng | # 69   |
| 20) 3+4-Methylphenols          | 8.79  | 107 | 126588 | 9.69  | ng | # 84   |
| 22) Acetophenone               | 8.85  | 105 | 164360 | 10.32 | ng | # 74   |
| 24) Nitrobenzene               | 9.23  | 77  | 108615 | 9.55  | ng | # 70   |
| 25) Isophorone                 | 9.75  | 82  | 206117 | 9.49  | ng | # 89   |
| 26) 2-Nitrophenol              | 9.94  | 139 | 62888  | 10.62 | ng | # 61   |
| 27) 2,4-Dimethylphenol         | 10.00 | 122 | 101879 | 10.48 | ng | # 89   |
| 28) bis(2-Chloroethoxy)methane | 10.23 | 93  | 137871 | 9.77  | ng | # 98   |
| 29) 2,4-Dichlorophenol         | 10.49 | 162 | 108171 | 11.01 | ng | # 92   |
| 30) 1,2,4-Trichlorobenzene     | 10.69 | 180 | 124677 | 11.29 | ng | # 97   |
| 31) Naphthalene                | 10.88 | 128 | 359653 | 10.27 | ng | # 98   |
| 32) Benzoic acid               | 10.09 | 122 | 21242m | 2.84  | ng | #      |
| 33) 4-Chloroaniline            | 10.98 | 127 | 147511 | 10.35 | ng | # 82   |
| 34) Hexachlorobutadiene        | 11.16 | 225 | 68354  | 10.50 | ng | # 98   |
| 35) Caprolactam                | 11.73 | 113 | 42749  | 11.04 | ng | # 51   |
| 36) 4-Chloro-3-methylphenol    | 12.10 | 107 | 111062 | 10.57 | ng | # 74   |
| 37) 2-Methylnaphthalene        | 12.47 | 142 | 272149 | 10.61 | ng | # 92   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.84 | 216 | 131238 | 10.61 | ng | # 97   |
| 40) Hexachlorocyclopentadiene  | 12.82 | 237 | 50427  | 7.74  | ng | # 95   |

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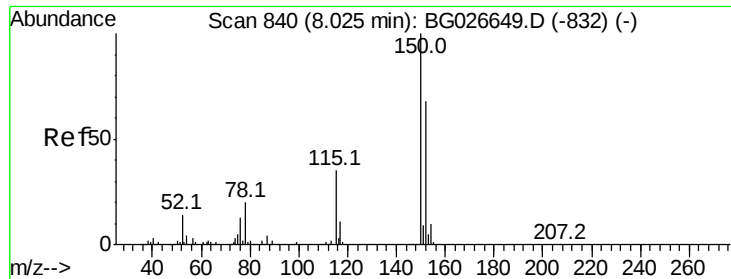
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

Quant Time: Apr 18 16:09:23 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M  
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 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.08 | 196  | 90888    | 11.22 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 13.16 | 196  | 95536    | 10.67 | nq #  | 91       |
| 45) 1,1'-Biphenyl              | 13.47 | 154  | 360221   | 10.58 | nq    | 96       |
| 46) 2-Chloronaphthalene        | 13.52 | 162  | 264052   | 10.62 | nq    | 95       |
| 47) 2-Nitroaniline             | 13.72 | 65   | 65017    | 9.19  | nq #  | 60       |
| 48) Acenaphthylene             | 14.36 | 152  | 436784   | 10.07 | nq    | 96       |
| 49) Dimethylphthalate          | 14.08 | 163  | 356097   | 11.47 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.20 | 165  | 76647    | 10.58 | nq #  | 56       |
| 51) Acenaphthene               | 14.70 | 154  | 269949   | 10.11 | nq    | 98       |
| 52) 3-Nitroaniline             | 14.54 | 138  | 83844    | 10.51 | nq #  | 68       |
| 53) 2,4-Dinitrophenol          | 14.76 | 184  | 14322    | 3.41  | nq #  | 76       |
| 54) Dibenzofuran               | 15.03 | 168  | 440416   | 11.72 | nq #  | 89       |
| 55) 4-Nitrophenol              | 14.86 | 139  | 65325    | 10.00 | nq #  | 42       |
| 56) 2,4-Dinitrotoluene         | 14.99 | 165  | 109183   | 10.72 | nq #  | 69       |
| 57) Fluorene                   | 15.68 | 166  | 359732   | 10.75 | nq    | 96       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.26 | 232  | 103969   | 13.31 | nq #  | 94       |
| 59) Diethylphthalate           | 15.44 | 149  | 359048   | 11.32 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.67 | 204  | 171126   | 10.80 | nq    | 88       |
| 61) 4-Nitroaniline             | 15.69 | 138  | 90922    | 10.78 | nq #  | 51       |
| 62) Azobenzene                 | 15.96 | 77   | 271337   | 10.52 | nq    | 79       |
| 64) 4,6-Dinitro-2-methylphenol | 15.76 | 198  | 57626    | 8.69  | nq    | 86       |
| 65) n-Nitrosodiphenylamine     | 15.87 | 169  | 318959   | 10.33 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.55 | 248  | 113724   | 10.50 | nq    | 94       |
| 67) Hexachlorobenzene          | 16.68 | 284  | 128957   | 11.16 | nq #  | 88       |
| 68) Atrazine                   | 16.82 | 200  | 125273   | 10.72 | nq    | 95       |
| 69) Pentachlorophenol          | 17.02 | 266  | 63736    | 8.49  | nq    | 95       |
| 70) Phenanthrene               | 17.41 | 178  | 602717   | 10.67 | nq    | 94       |
| 71) Anthracene                 | 17.50 | 178  | 622950   | 10.81 | nq    | 97       |
| 72) Carbazole                  | 17.77 | 167  | 607339   | 10.23 | nq #  | 94       |
| 73) Di-n-butylphthalate        | 18.32 | 149  | 686825   | 11.26 | nq #  | 91       |
| 74) Fluoranthene               | 19.41 | 202  | 755039   | 11.36 | nq    | 93       |
| 76) Benzidine                  | 19.59 | 184  | 164155   | 3.76  | nq    | 97       |
| 77) Pyrene                     | 19.77 | 202  | 788376   | 10.76 | nq    | 95       |
| 79) Butylbenzylphthalate       | 20.64 | 149  | 302076   | 10.30 | nq #  | 84       |
| 80) Benzo(a)anthracene         | 21.59 | 228  | 752212   | 10.56 | nq    | 95       |
| 81) 3,3'-Dichlorobenzidine     | 21.50 | 252  | 298969   | 10.26 | nq #  | 96       |
| 82) Chrysene                   | 21.65 | 228  | 693369   | 10.19 | nq    | 96       |
| 83) Bis(2-ethylhexyl)phthalate | 21.49 | 149  | 447457   | 10.10 | nq    | 98       |
| 84) Di-n-octyl phthalate       | 22.68 | 149  | 757908   | 10.03 | nq #  | 80       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.38 | 276  | 875996   | 10.43 | nq #  | 97       |
| 87) Benzo(b)fluoranthene       | 23.77 | 252  | 764965   | 10.33 | nq #  | 97       |
| 88) Benzo(k)fluoranthene       | 23.84 | 252  | 756564   | 10.53 | nq #  | 92       |
| 89) Benzo(a)pyrene             | 24.63 | 252  | 724595   | 10.20 | nq #  | 95       |
| 90) Dibenzo(a,h)anthracene     | 28.44 | 278  | 738717   | 10.29 | nq #  | 95       |
| 91) Benzo(g,h,i)perylene       | 29.51 | 276  | 724144   | 10.01 | nq #  | 89       |

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



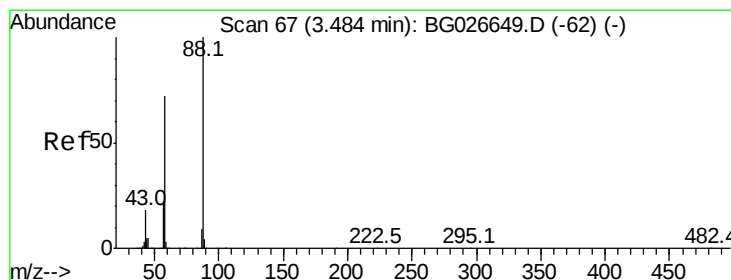
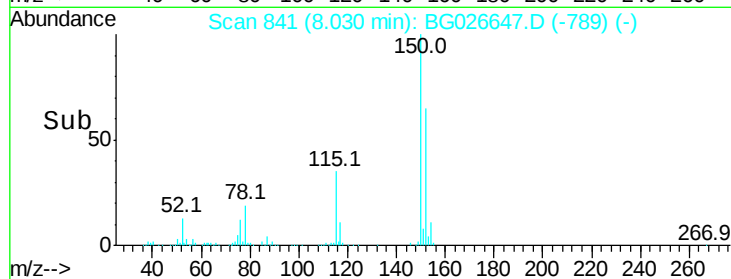
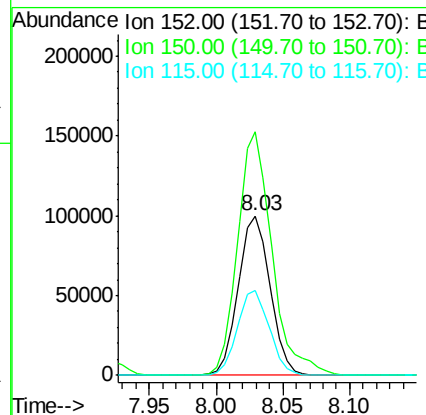
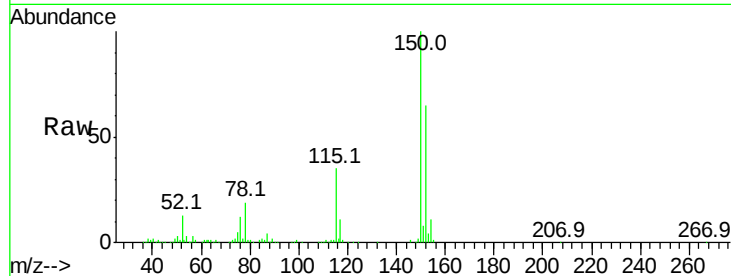


#1

1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.03 min Scan# 841  
Delta R.T. 0.00 min  
Lab File: BG026647.D  
Acq: 18 Apr 2017 13:46

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BNA\_G  
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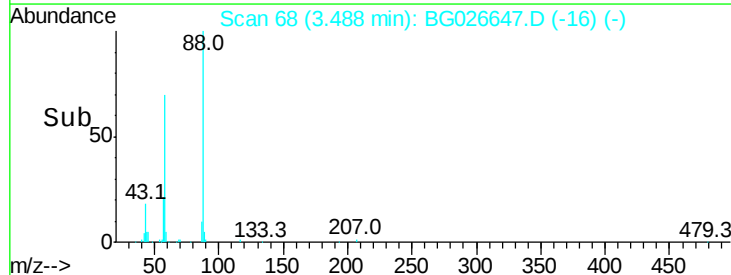
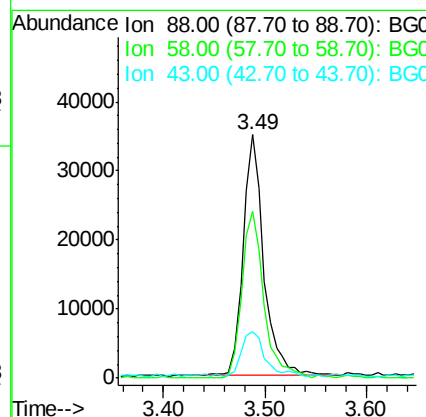
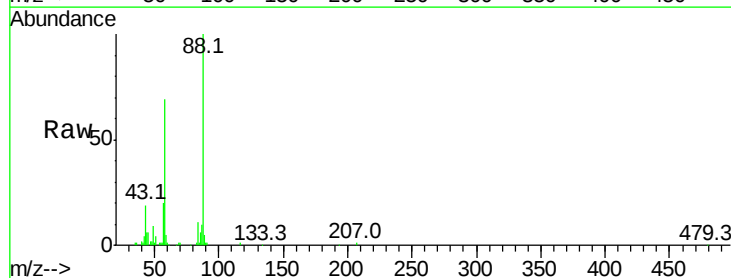
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Ion Ratio Lower Upper  
152 100  
150 152.9 114.0 171.0  
115 53.4 48.1 72.1

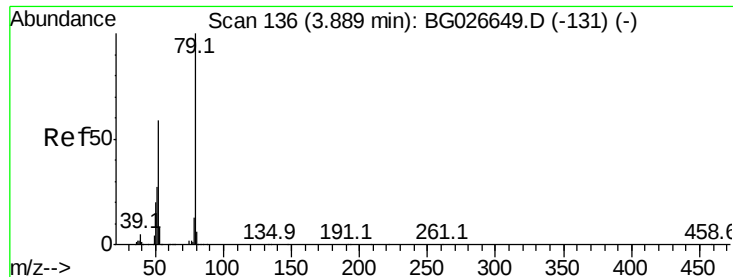


#2

1,4-Dioxane  
Concen: 11.67 ng  
RT: 3.49 min Scan# 68  
Delta R.T. 0.00 min  
Lab File: BG026647.D  
Acq: 18 Apr 2017 13:46

Tgt Ion: 88 Resp: 48848  
Ion Ratio Lower Upper  
88 100  
58 73.9 79.4 119.2#  
43 21.2 33.8 50.6#





#3

Pvridine

Concen: 9.05 ng

RT: 3.89 min Scan# 137

Delta R.T. 0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

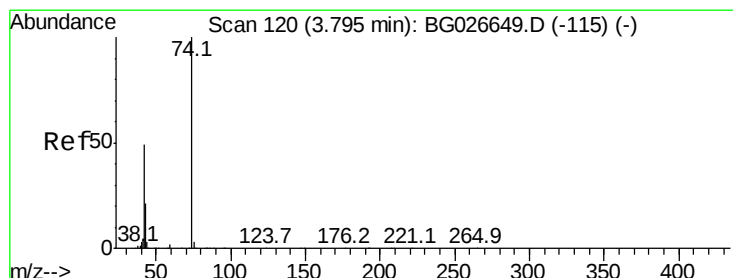
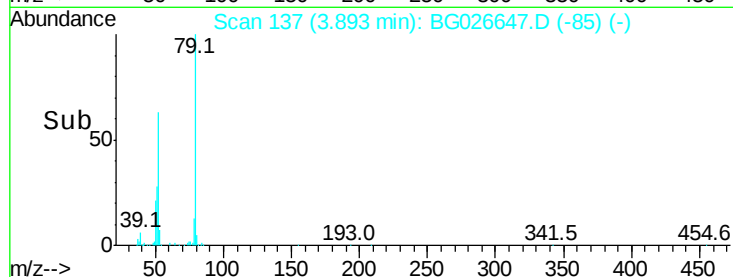
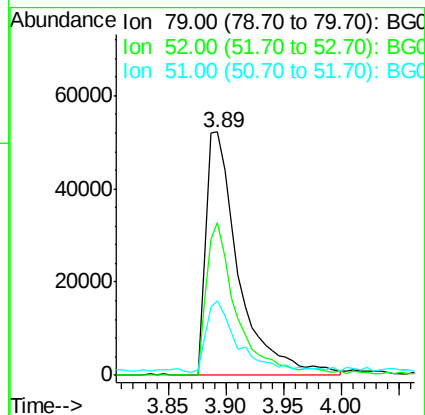
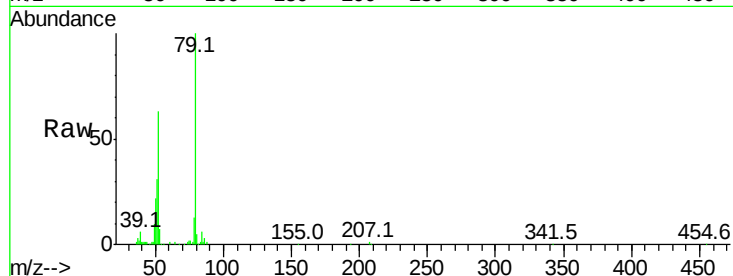
Tot Ion: 79 Resp: 103670

Ion Ratio Lower Upper

79 100

52 62.9 77.8 116.6#

51 30.7 43.2 64.8#



#4

n-Nitrosodimethylamine

Concen: 9.03 ng

RT: 3.80 min Scan# 121

Delta R.T. 0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

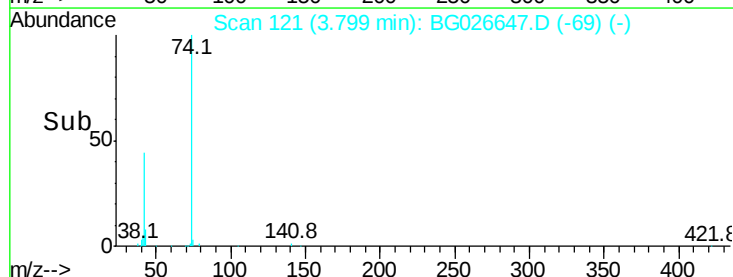
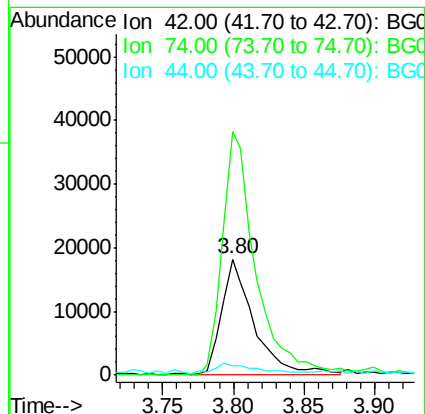
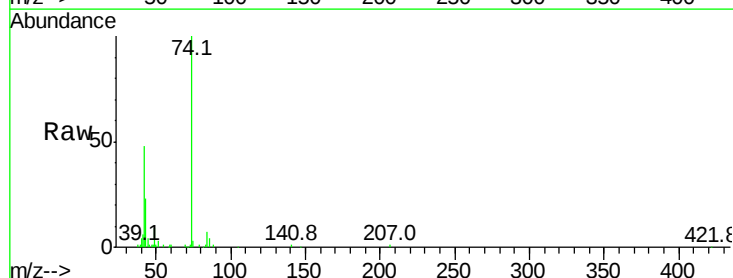
Tgt Ion: 42 Resp: 28277

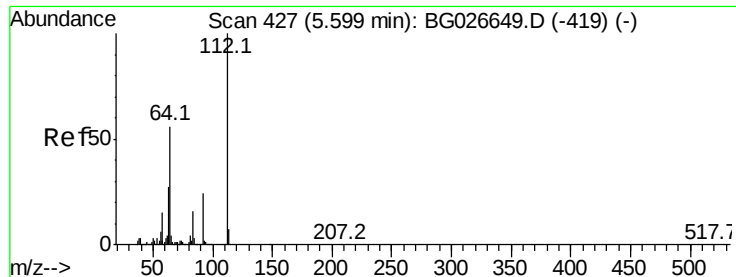
Ion Ratio Lower Upper

42 100

74 210.5 76.7 115.1#

44 7.6 6.1 9.1





#5

2-Fluorophenol

Concen: 20.01 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

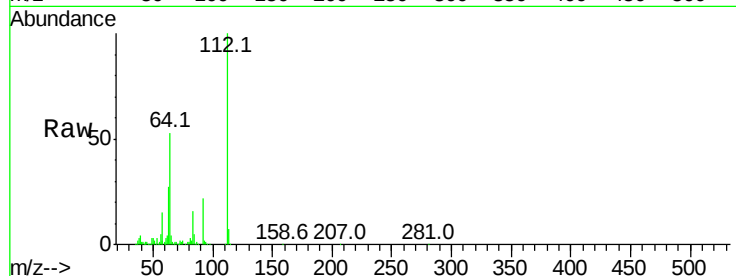
Tot Ion:112 Resp: 186606

Ion Ratio Lower Upper

112 100

64 53.0 61.8 92.6#

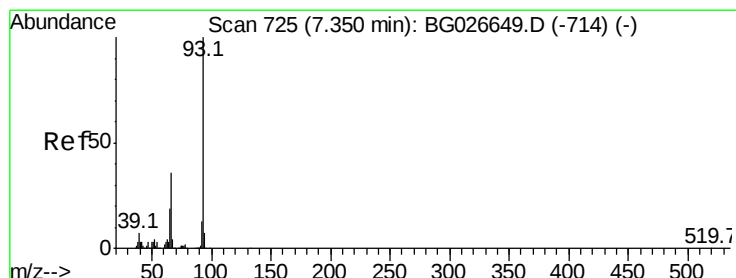
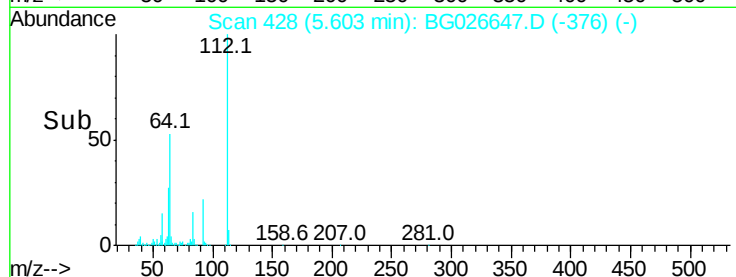
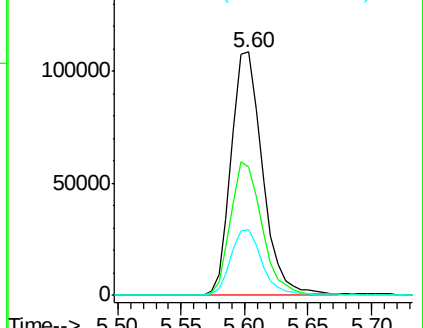
63 26.8 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 8.93 ng

RT: 7.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

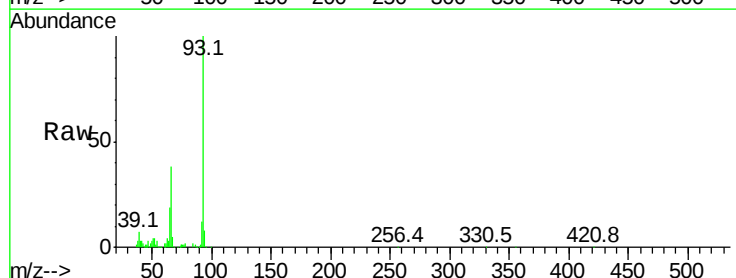
Tgt Ion: 93 Resp: 149313

Ion Ratio Lower Upper

93 100

66 37.6 35.4 53.2

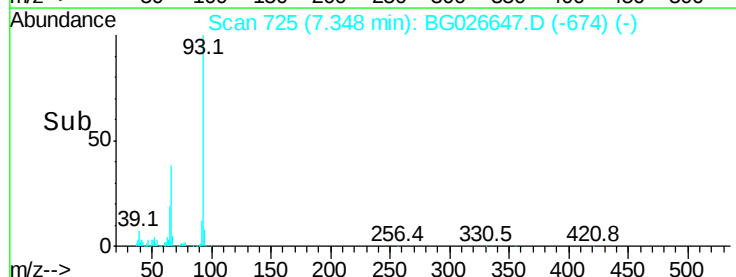
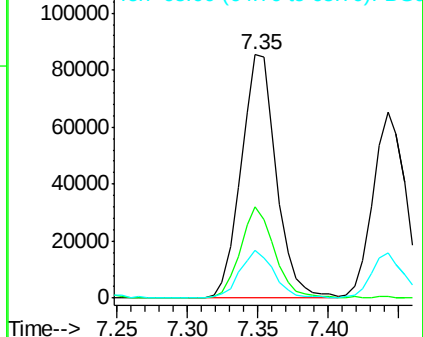
65 19.4 21.2 31.8#

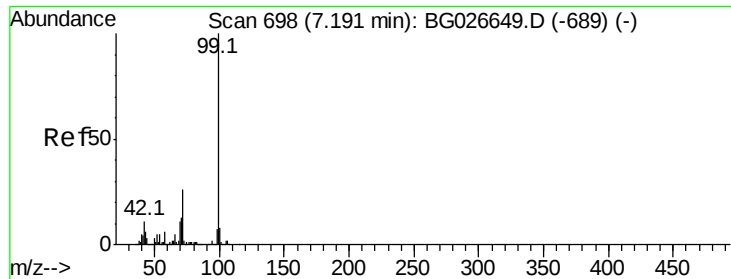


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 19.68 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

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BNA\_G

ClientSampleId :

SSTDIC010

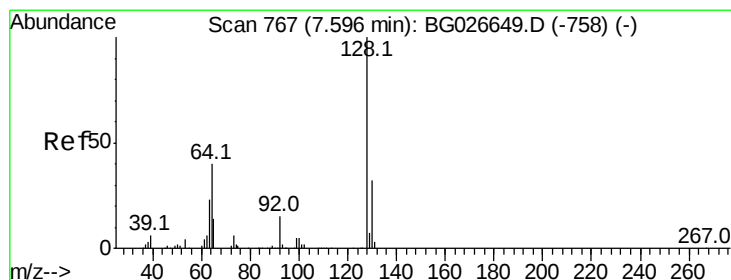
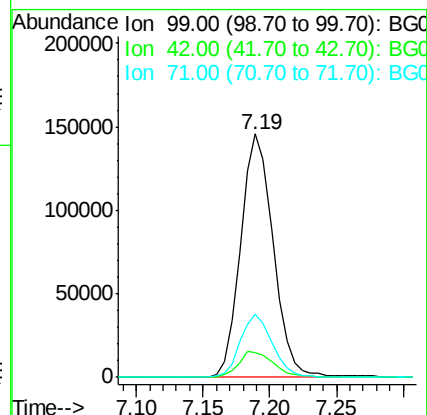
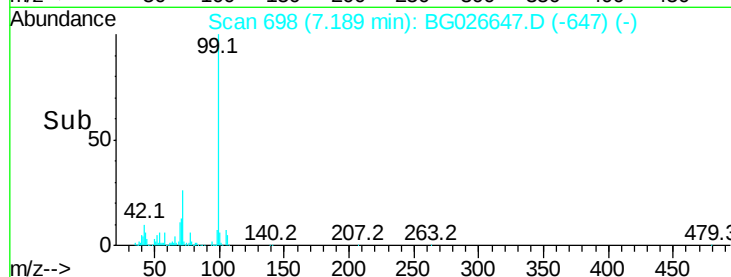
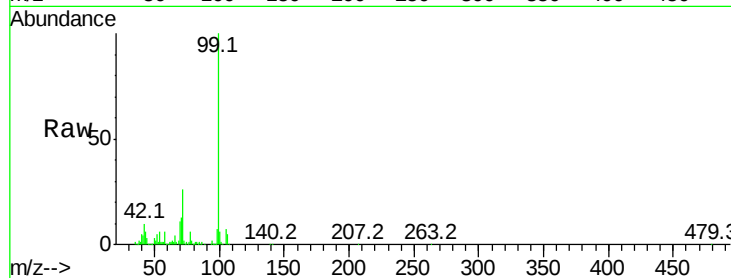
Tot Ion: 99 Resp: 246296

Ion Ratio Lower Upper

99 100

42 10.0 20.5 30.7#

71 26.0 37.6 56.4#



#8

2-Chlorophenol

Concen: 10.52 ng

RT: 7.59 min Scan# 767

Delta R.T. -0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

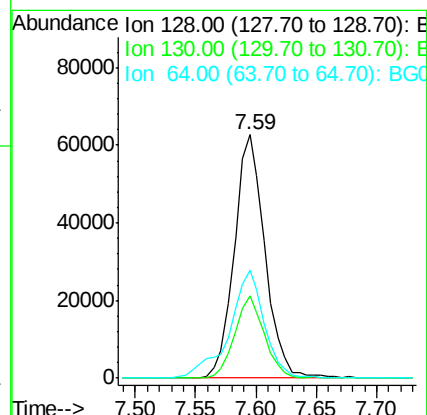
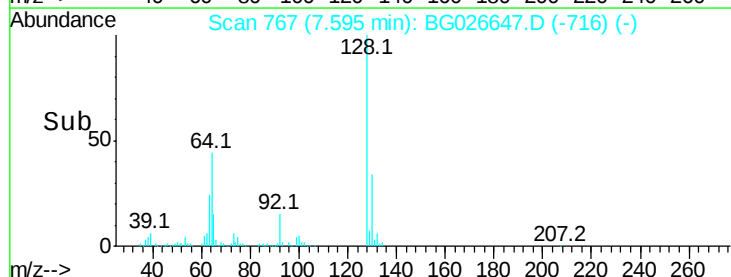
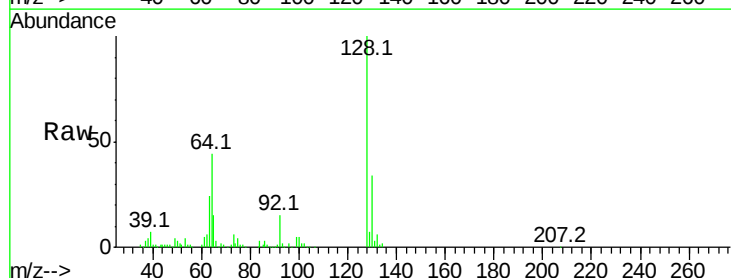
Tgt Ion: 128 Resp: 110492

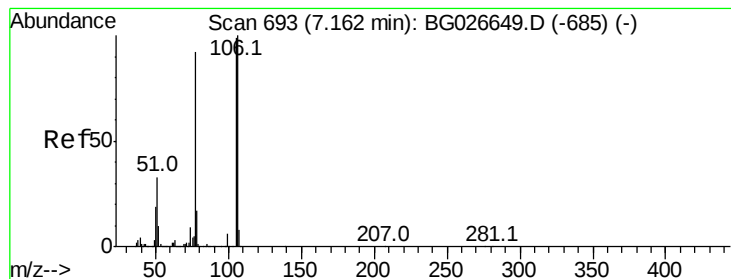
Ion Ratio Lower Upper

128 100

130 33.8 11.4 51.4

64 44.2 46.6 86.6#





#9

Benzaldehyde

Concen: 10.28 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG026647.D

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Instrument :

BNA\_G

ClientSampleId :

SSTDIC010

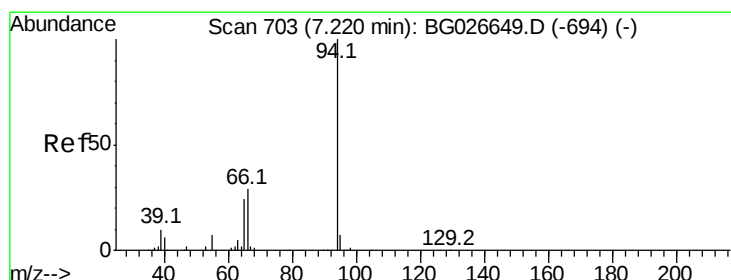
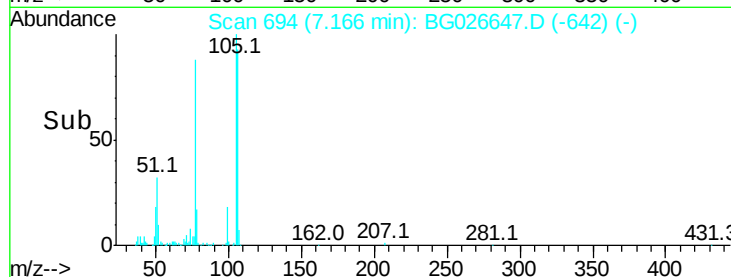
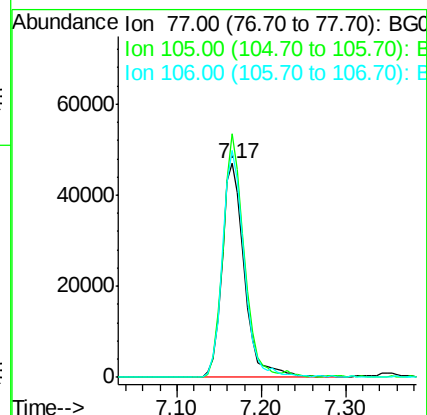
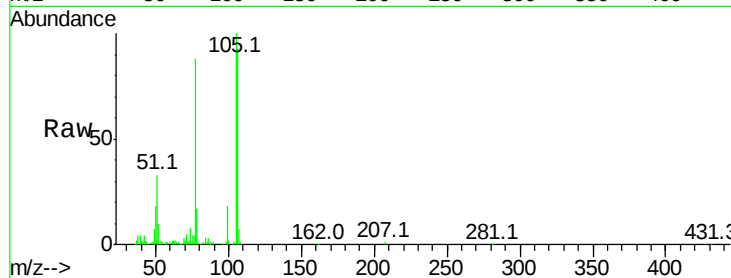
Tot Ion: 77 Resp: 86831

Ion Ratio Lower Upper

77 100

105 113.8 60.9 100.9#

106 105.8 55.1 95.1#



#10

Phenol

Concen: 10.14 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

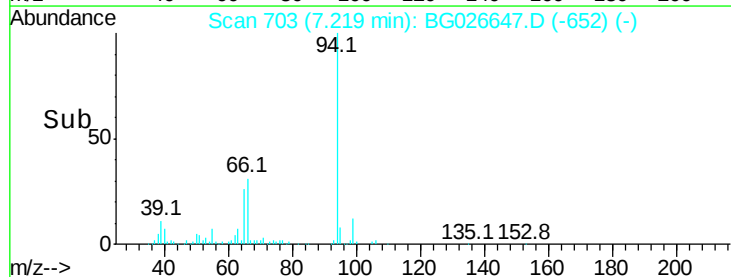
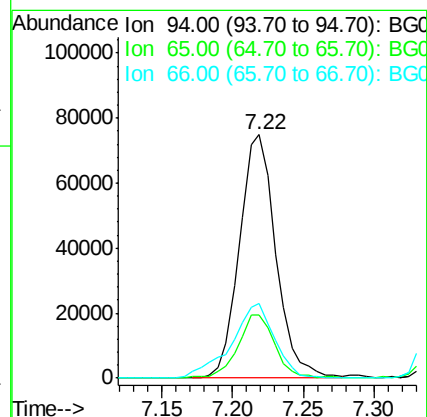
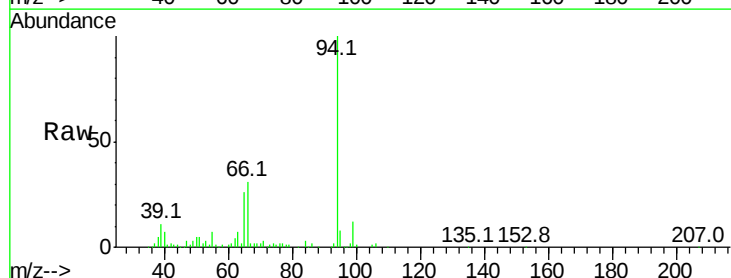
Tgt Ion: 94 Resp: 135487

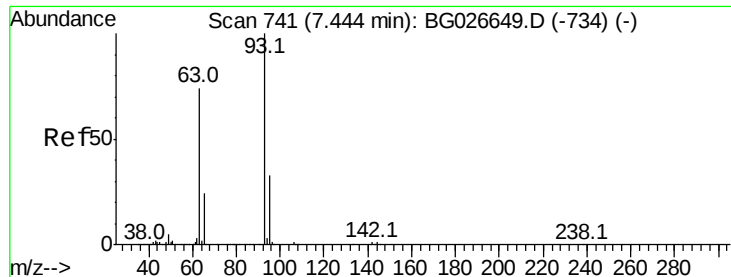
Ion Ratio Lower Upper

94 100

65 26.2 20.6 60.6

66 30.9 35.5 75.5#

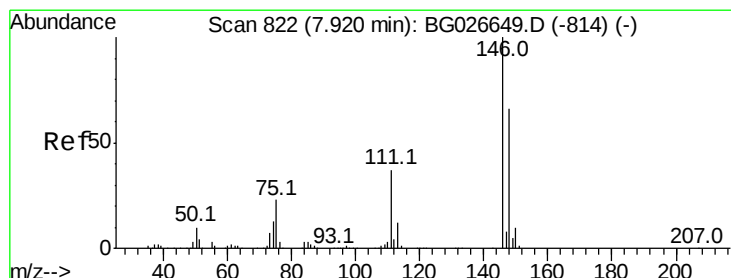
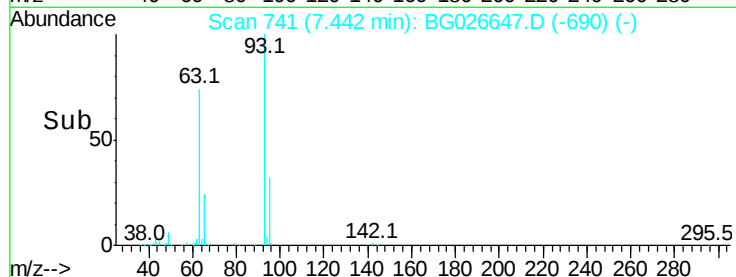
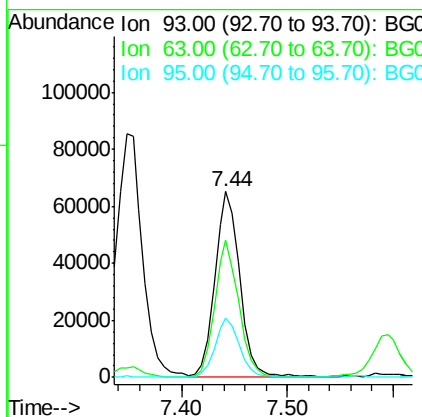
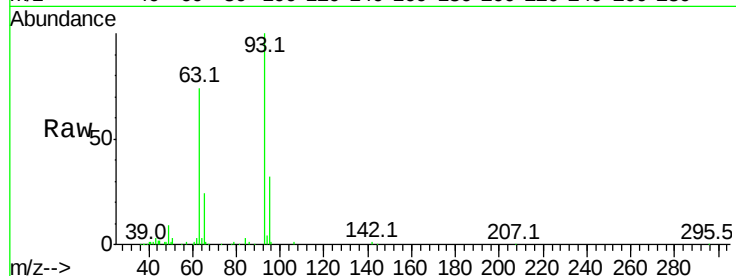




#11  
 bis(2-Chloroethyl)ether  
 Concen: 9.84 ng  
 RT: 7.44 min Scan# 741  
 Delta R.T. -0.00 min  
 Lab File: BG026647.D  
 Acq: 18 Apr 2017 13:46

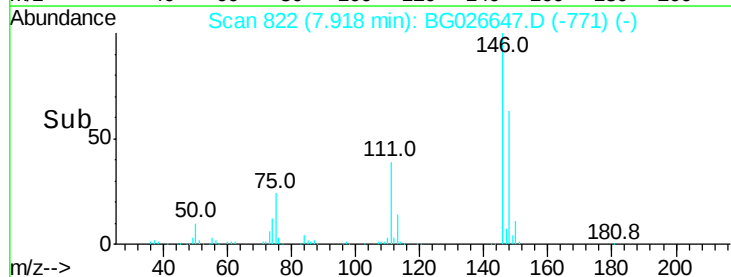
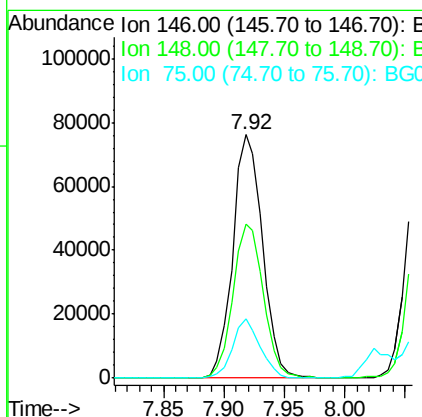
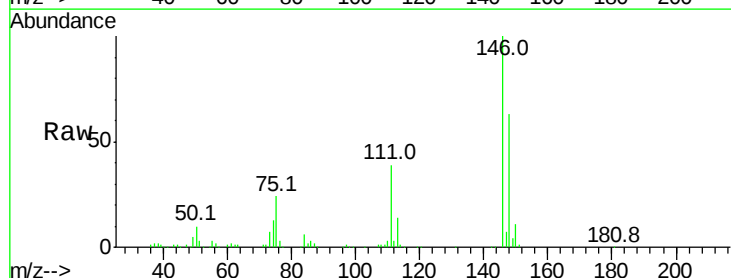
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

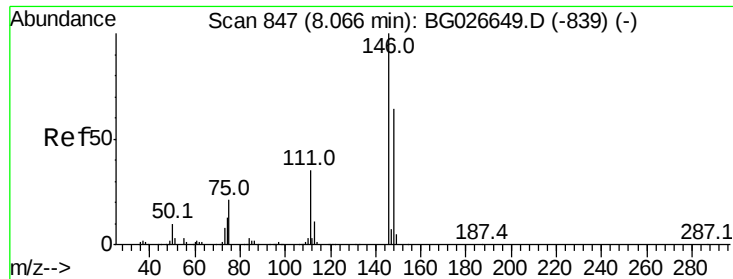
Tot Ion: 93 Resp: 107819  
 Ion Ratio Lower Upper  
 93 100  
 63 73.9 78.5 118.5#  
 95 32.2 9.8 49.8



#12  
 1,3-Dichlorobenzene  
 Concen: 10.46 ng  
 RT: 7.92 min Scan# 822  
 Delta R.T. -0.00 min  
 Lab File: BG026647.D  
 Acq: 18 Apr 2017 13:46

Tgt Ion: 146 Resp: 130747  
 Ion Ratio Lower Upper  
 146 100  
 148 63.1 49.2 73.8  
 75 24.5 33.4 50.2#





#13

1,4-Dichlorobenzene

Concen: 10.56 ng

RT: 8.06 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

Instrument :

BNA\_G

ClientSampleId :

SSTDIC010

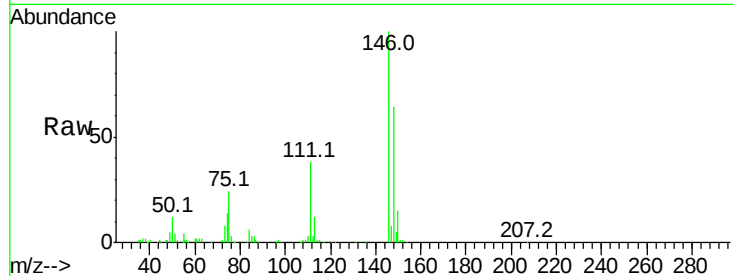
Tot Ion:146 Resp: 133458

Ion Ratio Lower Upper

146 100

148 64.0 52.2 78.2

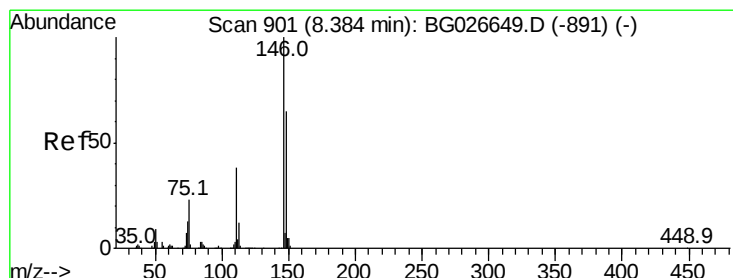
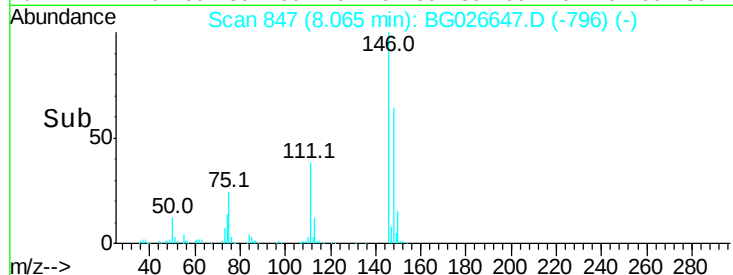
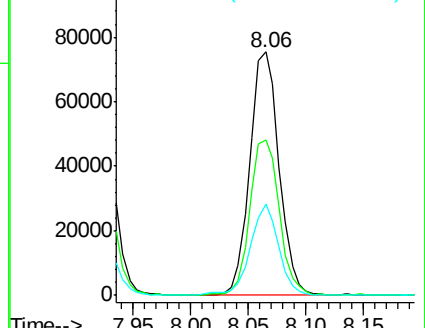
111 37.7 37.0 55.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 10.59 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

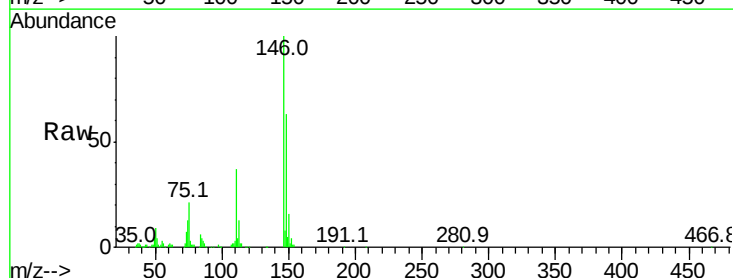
Tgt Ion:146 Resp: 128195

Ion Ratio Lower Upper

146 100

148 62.7 54.6 81.8

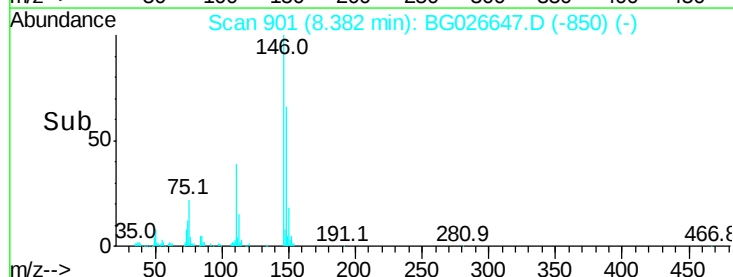
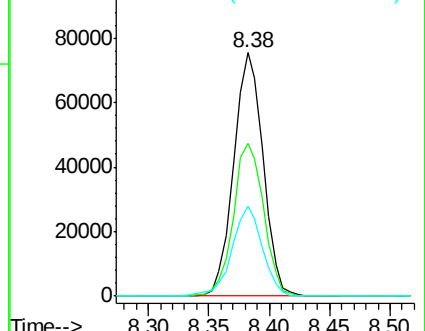
111 36.8 39.7 59.5#

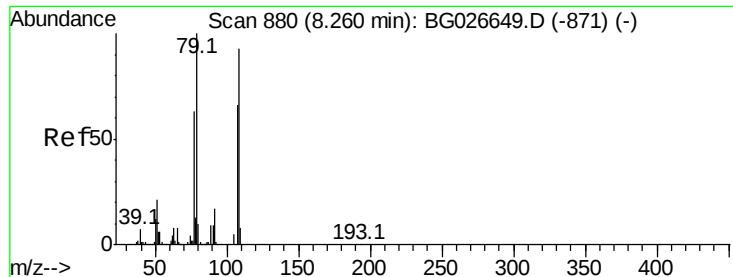


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 8.99 ng

RT: 8.26 min Scan# 881

Delta R.T. 0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

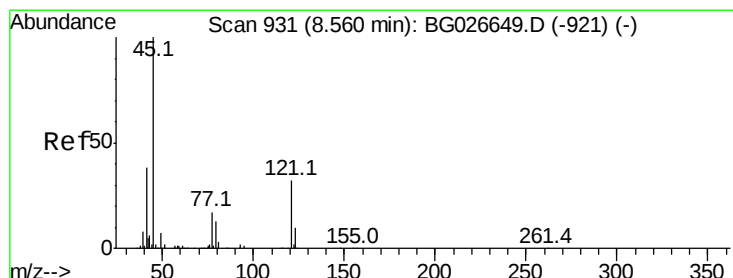
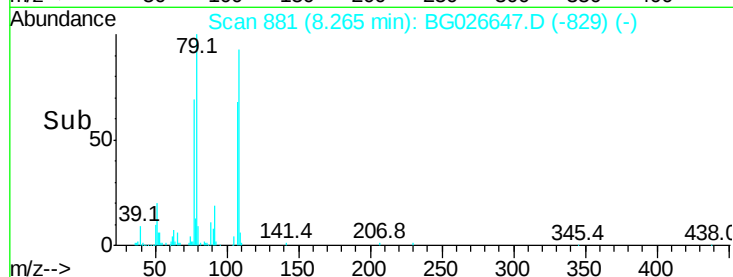
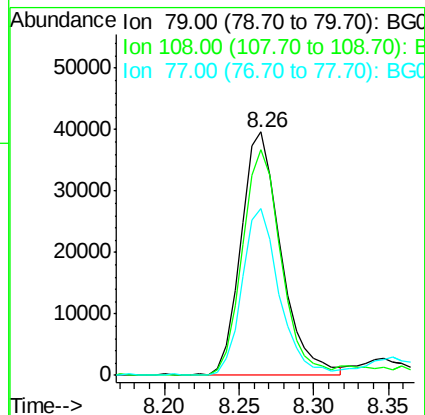
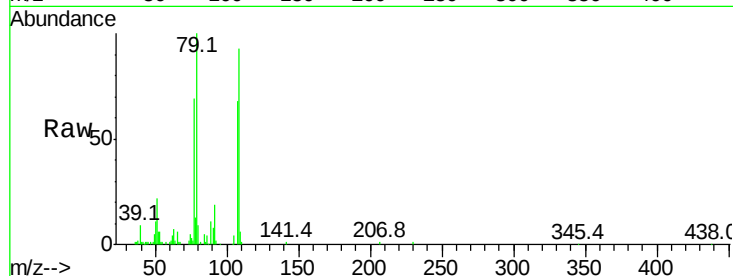
Tot Ion: 79 Resp: 73788

Ion Ratio Lower Upper

79 100

108 92.8 45.5 68.3#

77 68.7 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 8.40 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

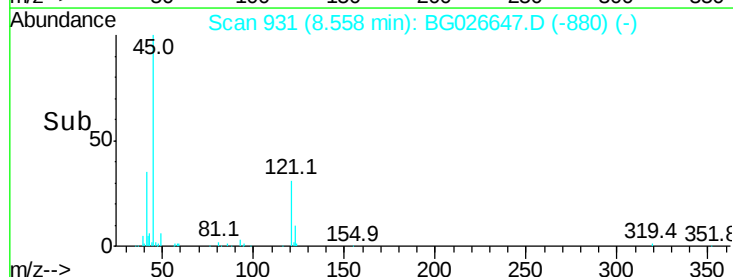
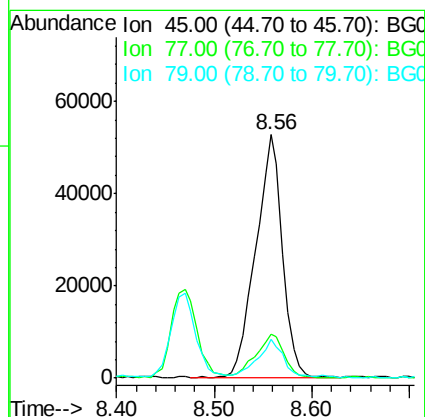
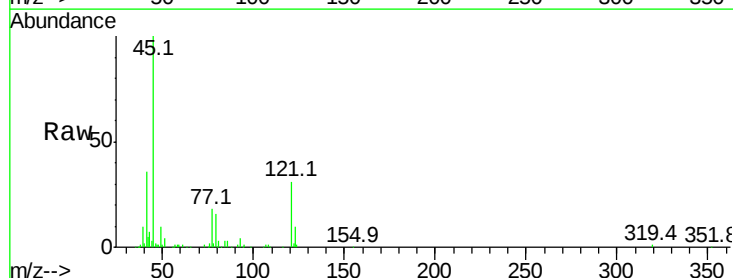
Tgt Ion: 45 Resp: 102125

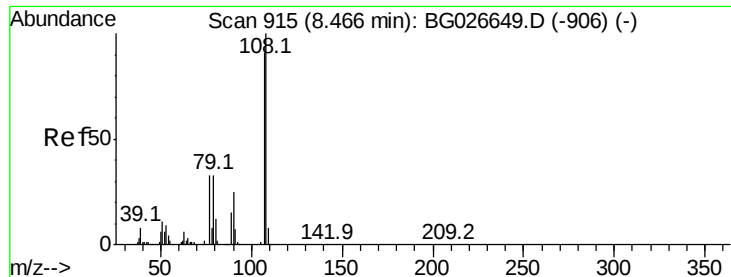
Ion Ratio Lower Upper

45 100

77 18.0 0.0 30.6

79 15.7 0.0 28.5





#17

2-Methylphenol

Concen: 9.69 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

Tot Ion:107 Resp: 91938

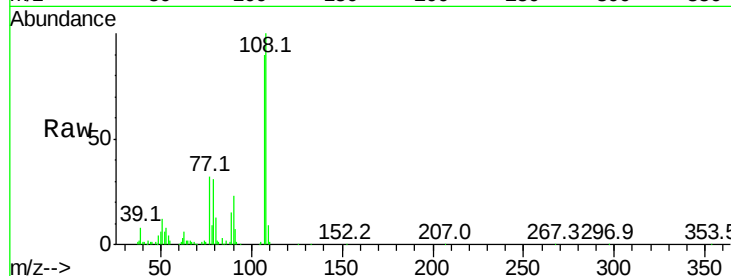
Ion Ratio Lower Upper

107 100

108 111.7 85.6 128.4

77 35.9 51.4 77.2#

79 34.4 49.2 73.8#

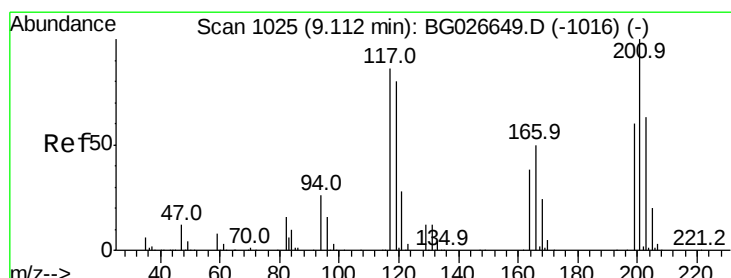
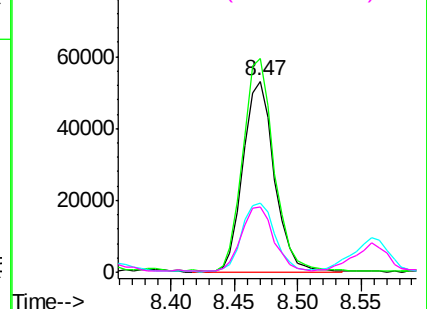
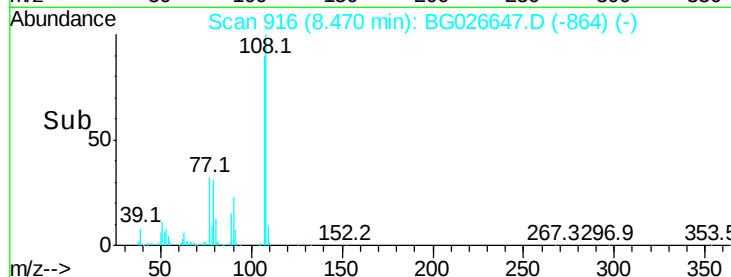


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 9.78 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

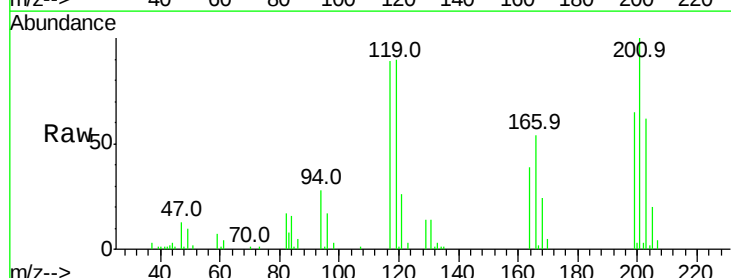
Tgt Ion:117 Resp: 40436

Ion Ratio Lower Upper

117 100

119 101.9 69.8 104.6

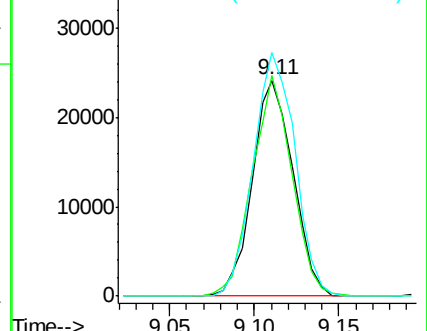
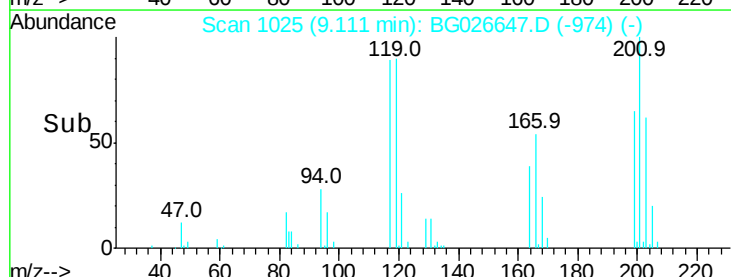
201 112.8 95.4 143.0

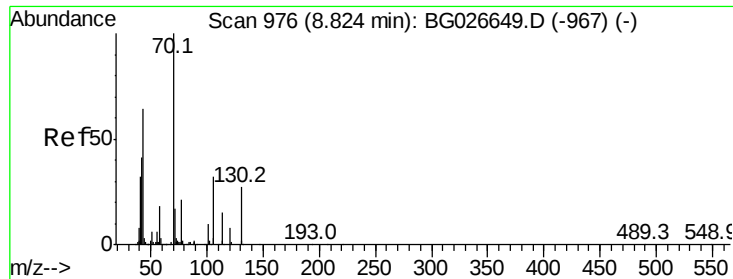


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

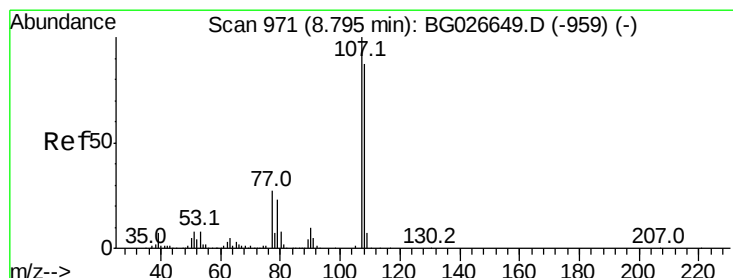
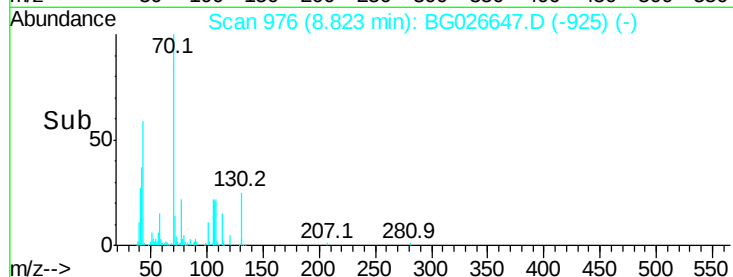
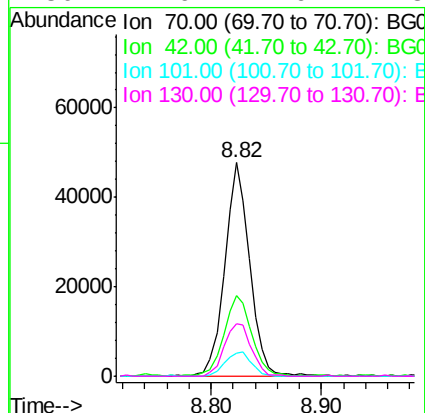
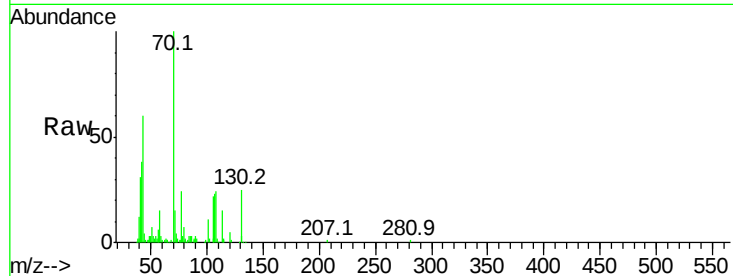




#19  
n-Nitroso-di-n-propylamine  
Concen: 9.28 ng  
RT: 8.82 min Scan# 976  
Delta R.T. -0.00 min  
Lab File: BG026647.D  
Acq: 18 Apr 2017 13:46

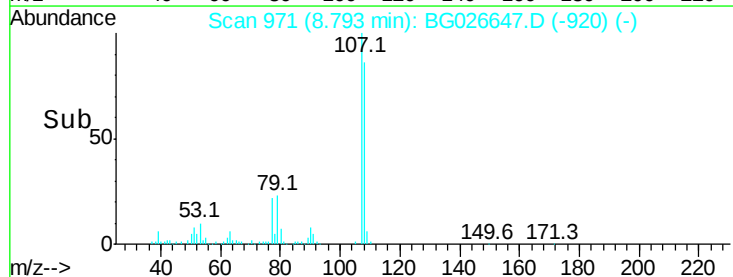
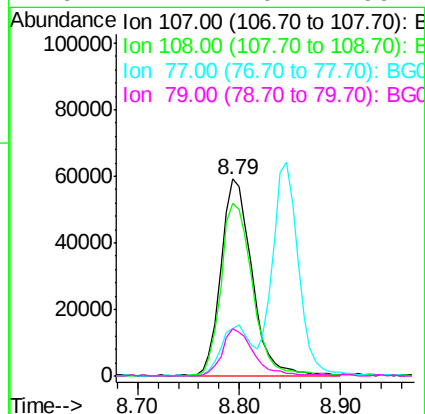
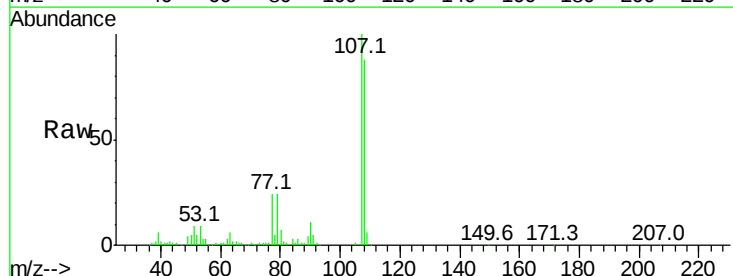
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC010

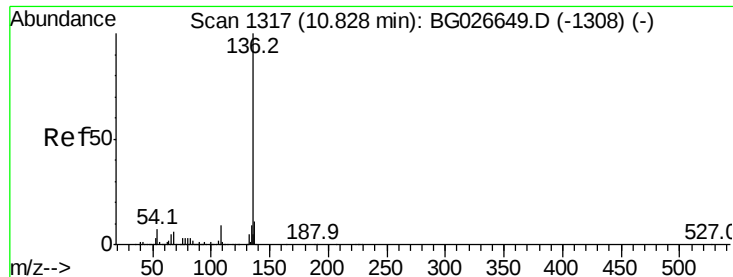
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 70    | Resp: | 74667 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 38.0  | 56.1  | 84.1# |
| 101      | 10.6  | 7.5   | 11.3  |
| 130      | 24.6  | 14.6  | 21.8# |



#20  
3+4-Methylphenols  
Concen: 9.69 ng  
RT: 8.79 min Scan# 971  
Delta R.T. -0.00 min  
Lab File: BG026647.D  
Acq: 18 Apr 2017 13:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 126588 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.0  | 70.8  | 110.8  |
| 77       | 24.3  | 25.8  | 65.8#  |
| 79       | 24.2  | 20.1  | 60.1   |

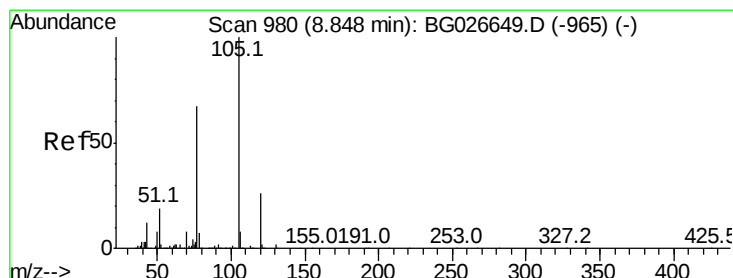
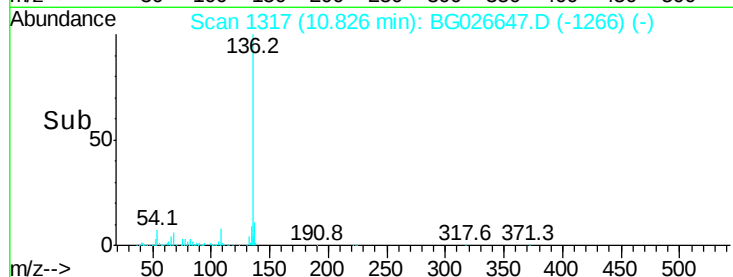
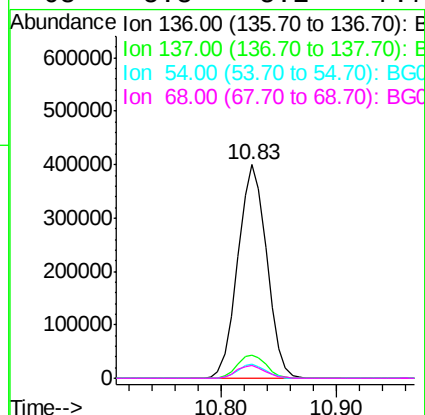
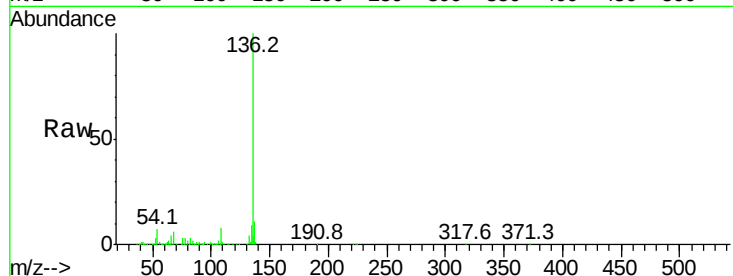




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.83 min Scan# 1317  
Delta R.T. -0.00 min  
Lab File: BG026647.D  
Acq: 18 Apr 2017 13:46

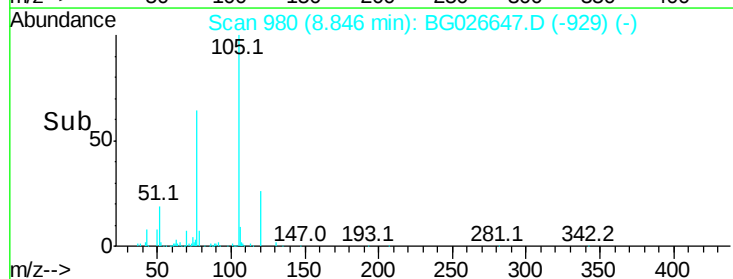
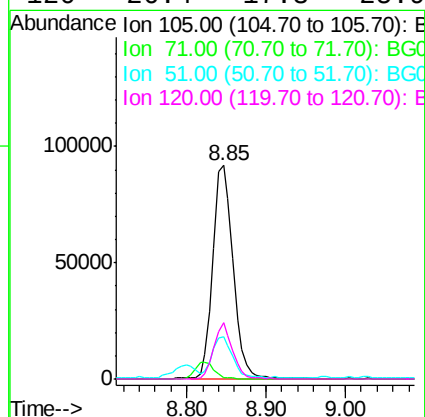
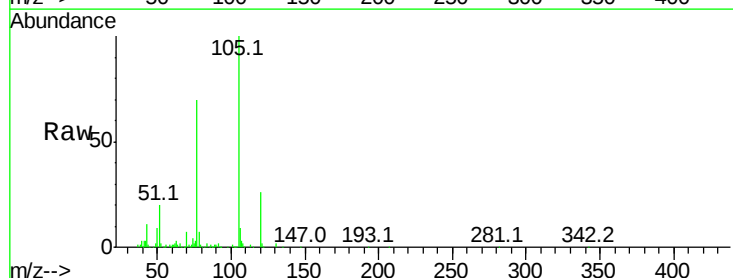
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC010

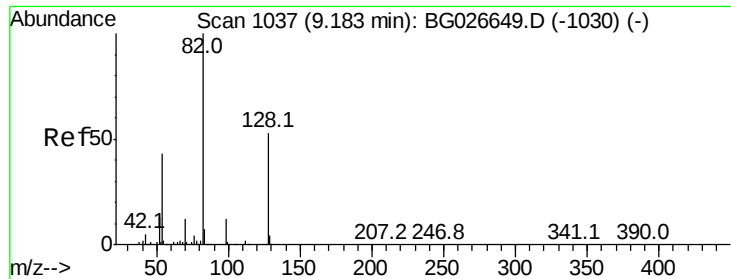
|             |       |        |  |
|-------------|-------|--------|--|
| Tot Ion:136 | Resp: | 692834 |  |
| Ion Ratio   | Lower | Upper  |  |
| 136 100     |       |        |  |
| 137 10.5    | 8.9   | 13.3   |  |
| 54 6.6      | 9.3   | 13.9#  |  |
| 68 5.8      | 5.1   | 7.7    |  |



#22  
Acetophenone  
Concen: 10.32 ng  
RT: 8.85 min Scan# 980  
Delta R.T. -0.00 min  
Lab File: BG026647.D  
Acq: 18 Apr 2017 13:46

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 164360 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 0.9     | 0.9   | 1.3    |
| 51  | 20.0    | 34.0  | 51.0#  |
| 120 | 26.4    | 17.3  | 25.9#  |

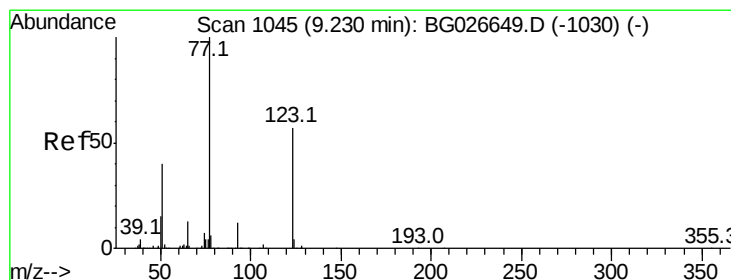
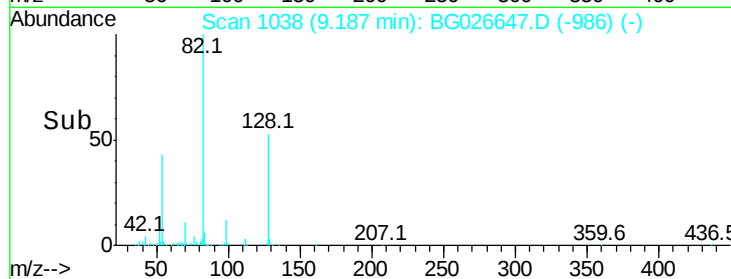
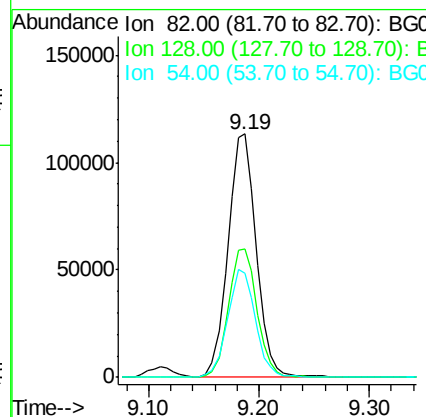
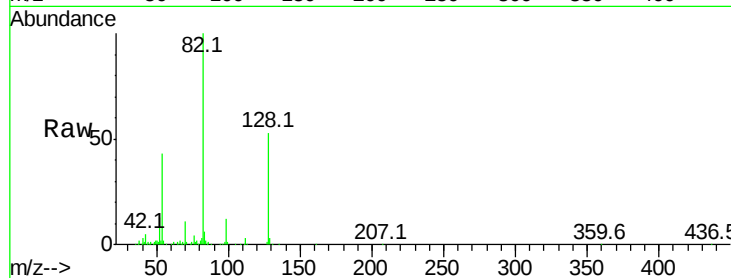




#23  
 Nitrobenzene-d5  
 Concen: 17.53 ng  
 RT: 9.19 min Scan# 1038  
 Delta R.T. 0.00 min  
 Lab File: BG026647.D  
 Acq: 18 Apr 2017 13:46

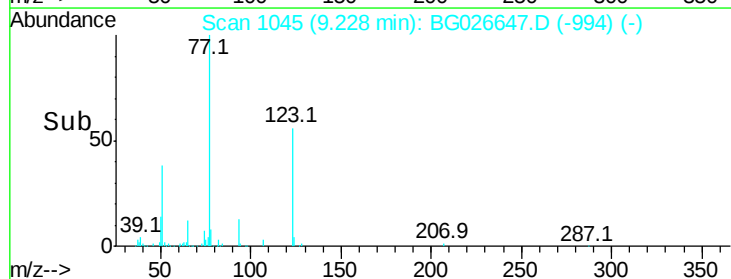
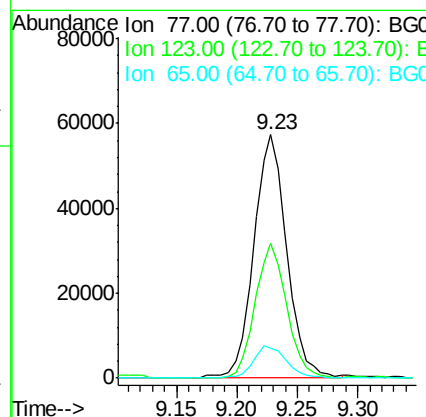
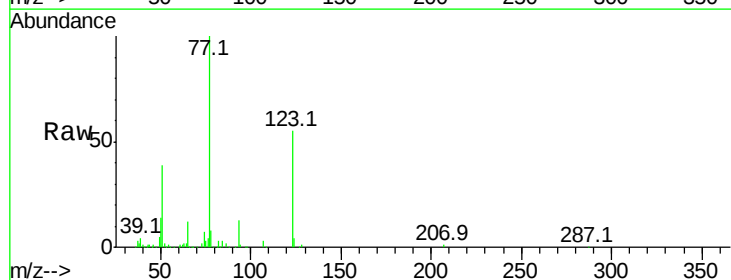
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

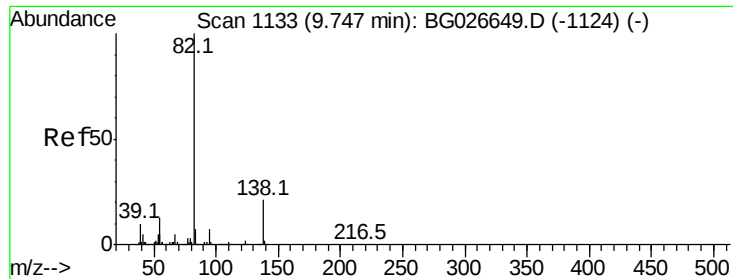
Tot Ion: 82 Resp: 202028  
 Ion Ratio Lower Upper  
 82 100  
 128 52.7 26.4 39.6#  
 54 42.9 49.4 74.2#



#24  
 Nitrobenzene  
 Concen: 9.55 ng  
 RT: 9.23 min Scan# 1045  
 Delta R.T. -0.00 min  
 Lab File: BG026647.D  
 Acq: 18 Apr 2017 13:46

Tgt Ion: 77 Resp: 108615  
 Ion Ratio Lower Upper  
 77 100  
 123 55.5 26.1 39.1#  
 65 12.1 12.4 18.6#





#25

Isophorone

Concen: 9.49 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

Instrument :

BNA\_G

ClientSampleId :

SSTDIC010

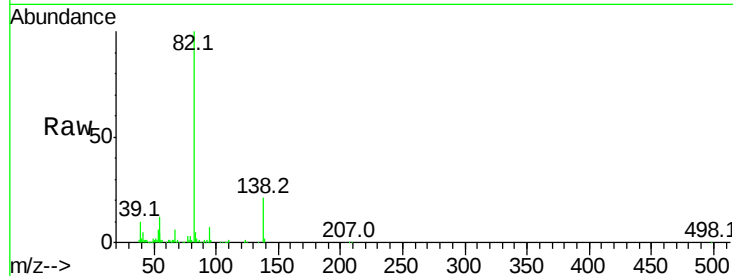
Tot Ion: 82 Resp: 206117

Ion Ratio Lower Upper

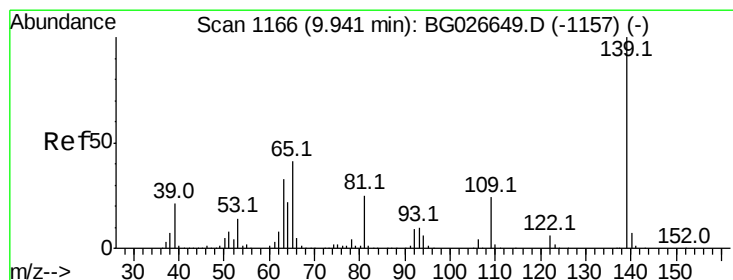
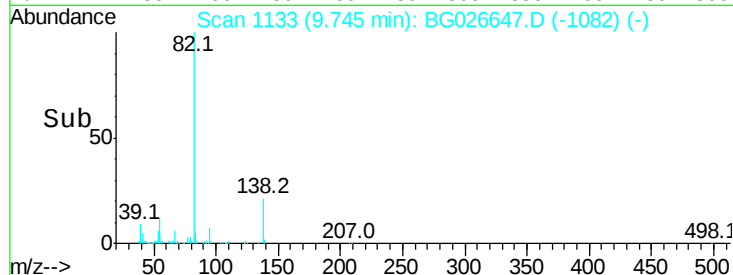
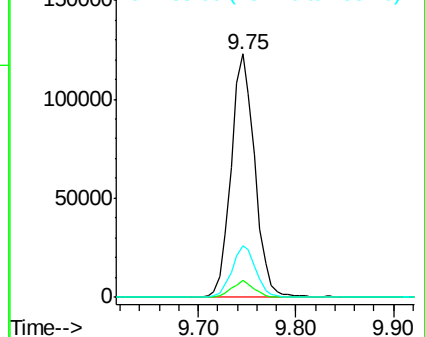
82 100

95 7.0 7.5 11.3#

138 21.1 12.3 18.5#



Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC  
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 10.62 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

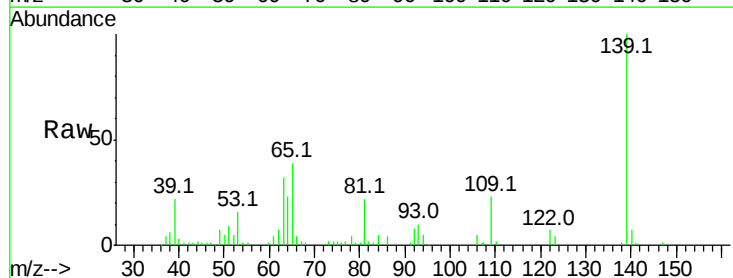
Tgt Ion: 139 Resp: 62888

Ion Ratio Lower Upper

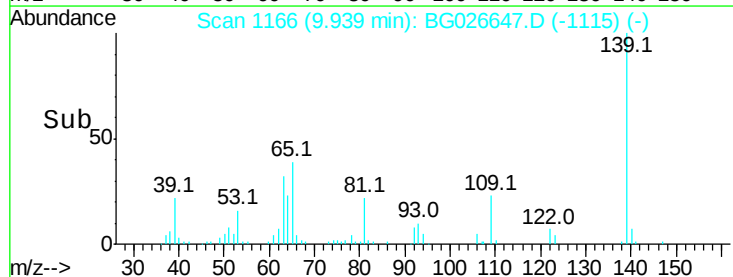
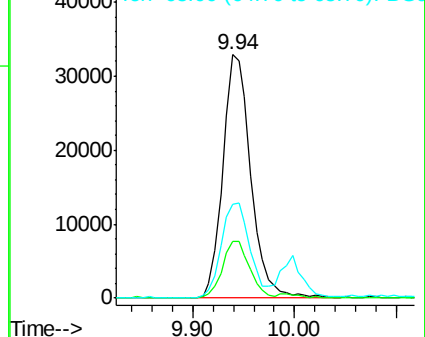
139 100

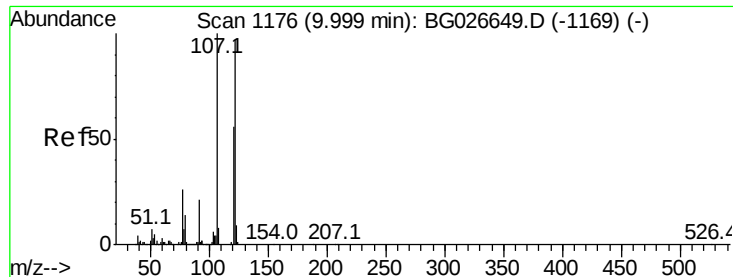
109 23.1 38.6 58.0#

65 38.8 57.1 85.7#



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

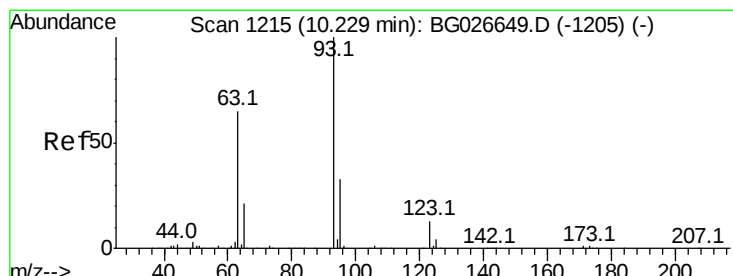
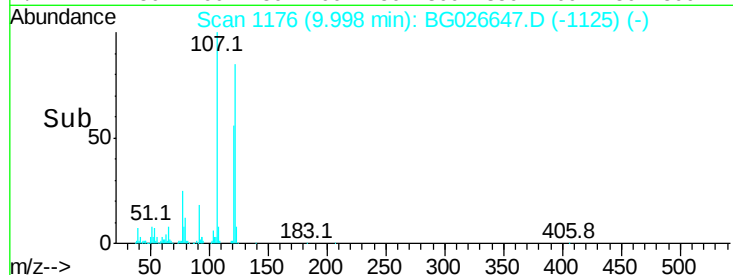
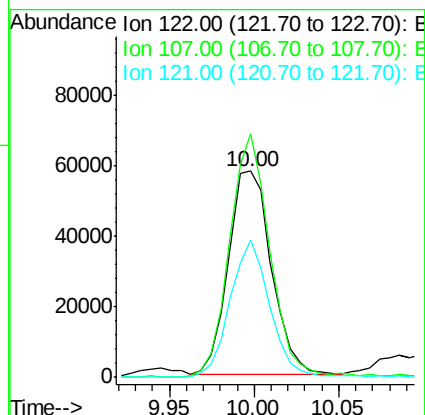
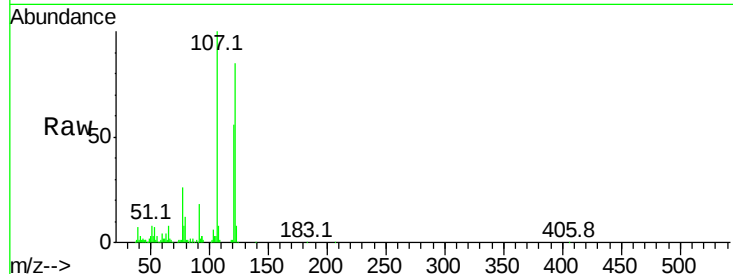




#27  
2,4-Dimethylphenol  
Concen: 10.48 ng  
RT: 10.00 min Scan# 1176  
Delta R.T. -0.00 min  
Lab File: BG026647.D  
Acq: 18 Apr 2017 13:46

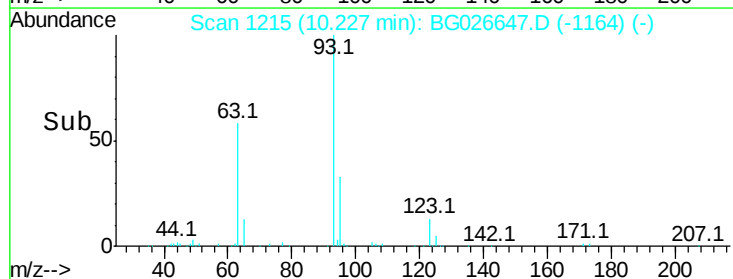
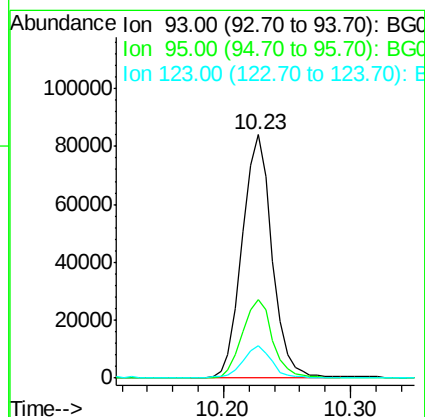
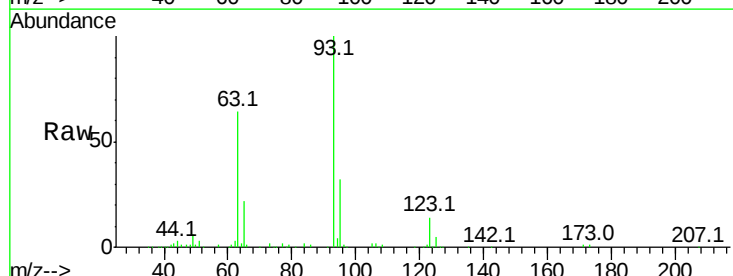
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

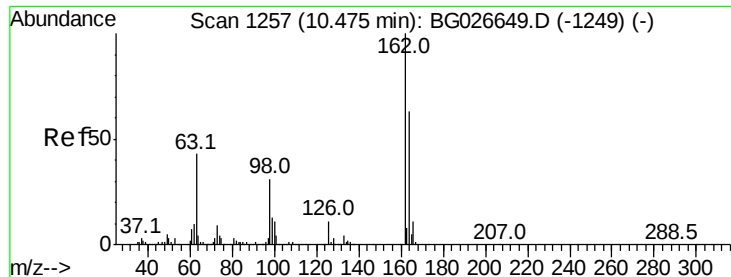
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 118.3 | 104.2 | 156.4 |
| 121     | 66.5  | 46.0  | 69.0  |



#28  
bis(2-Chloroethoxy)methane  
Concen: 9.77 ng  
RT: 10.23 min Scan# 1215  
Delta R.T. -0.00 min  
Lab File: BG026647.D  
Acq: 18 Apr 2017 13:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.2  | 25.7  | 38.5  |
| 123     | 13.5  | 8.3   | 12.5# |





#29

2,4-Dichlorophenol

Concen: 11.01 ng

RT: 10.49 min Scan# 1259

Delta R.T. 0.01 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

Instrument :

BNA\_G

ClientSampleId :

SSTDIC010

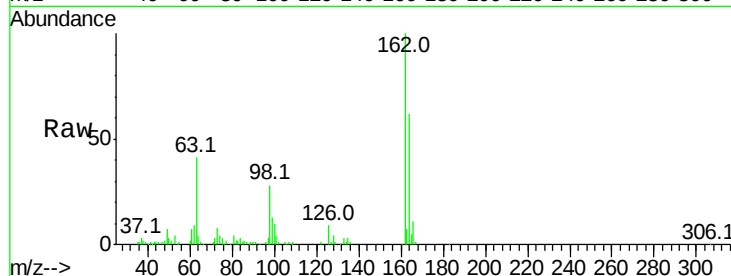
Tot Ion:162 Resp: 108171

Ion Ratio Lower Upper

162 100

164 61.9 42.4 82.4

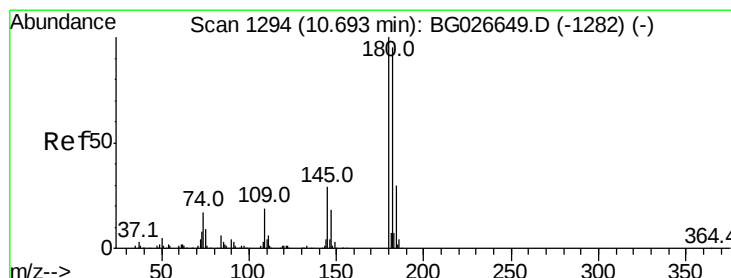
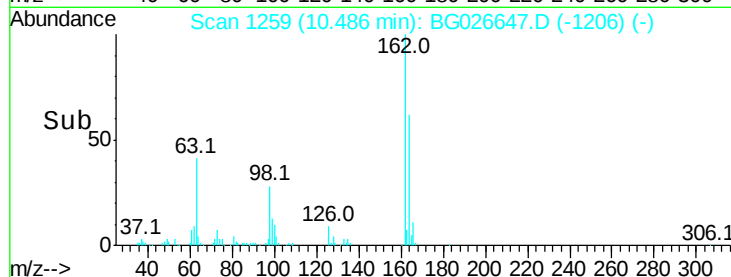
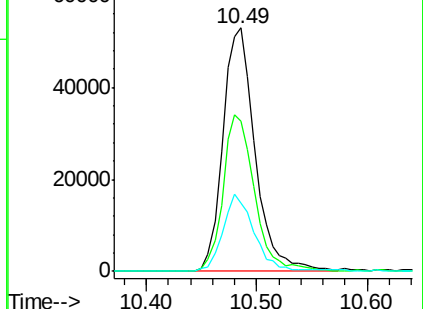
98 27.9 20.3 60.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 11.29 ng

RT: 10.69 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

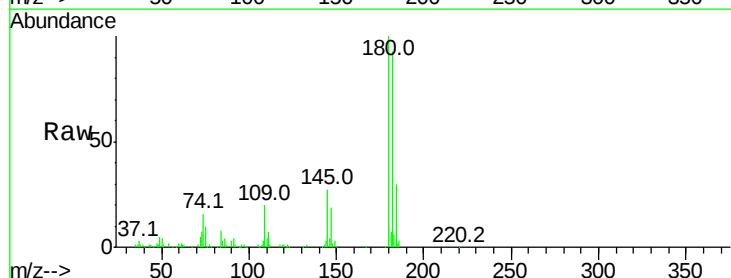
Tgt Ion:180 Resp: 124677

Ion Ratio Lower Upper

180 100

182 93.0 77.0 115.4

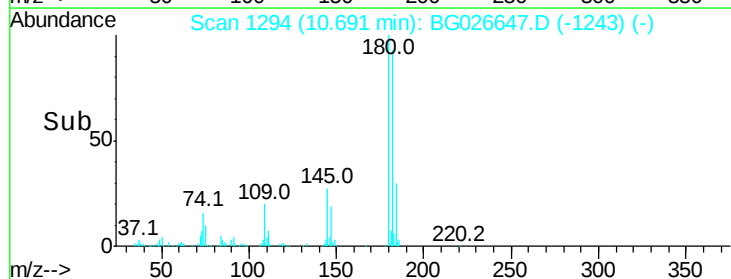
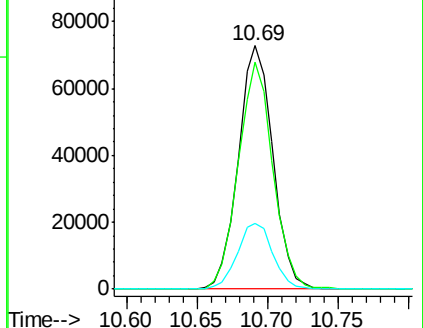
145 27.0 23.4 35.0

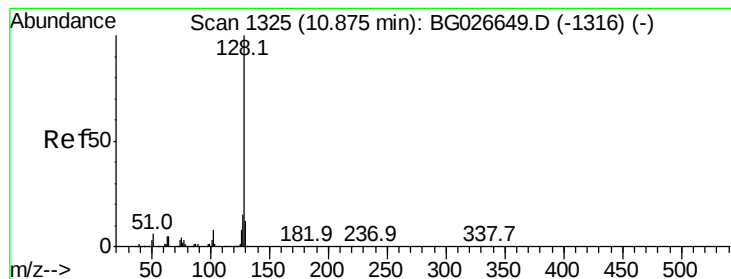


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 10.27 ng

RT: 10.88 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

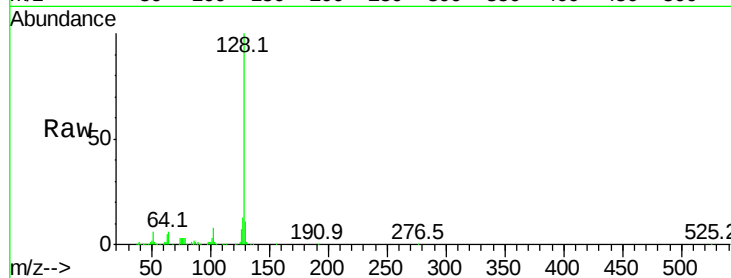
Tot Ion:128 Resp: 359653

Ion Ratio Lower Upper

128 100

129 10.7 9.3 13.9

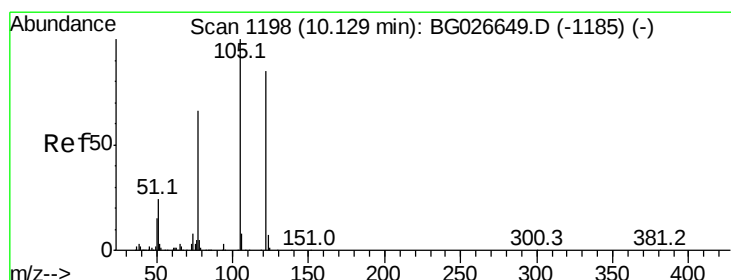
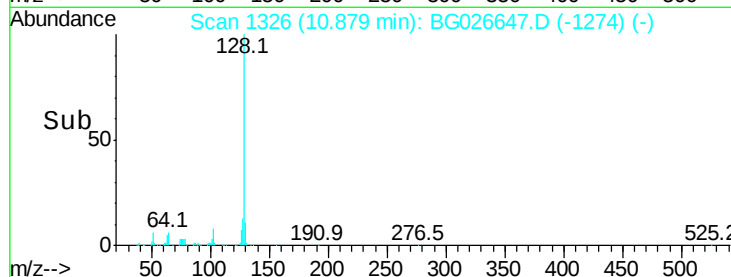
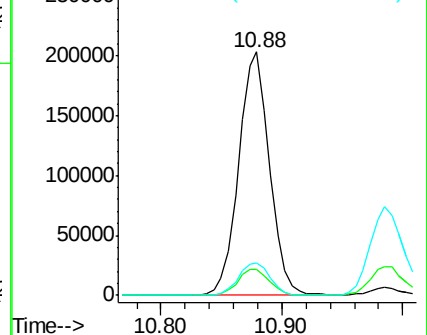
127 13.4 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 2.84 ng m

RT: 10.09 min Scan# 1191

Delta R.T. -0.04 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

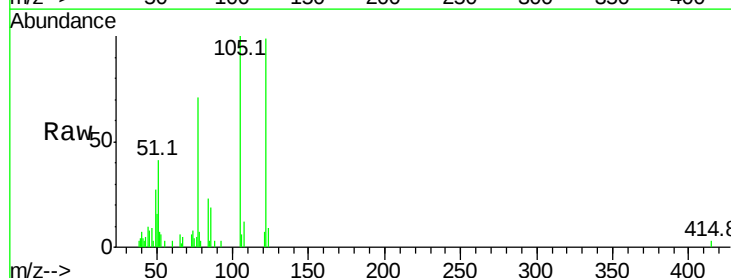
Tgt Ion:122 Resp: 21242

Ion Ratio Lower Upper

122 100

105 101.3 120.1 160.1#

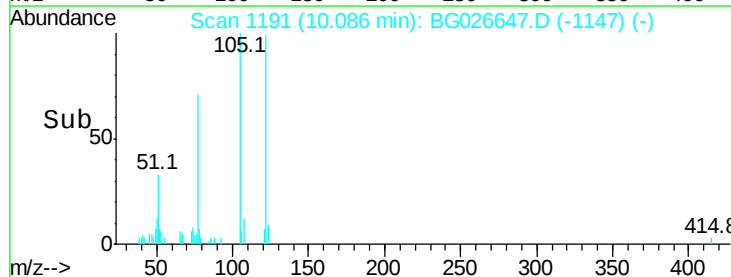
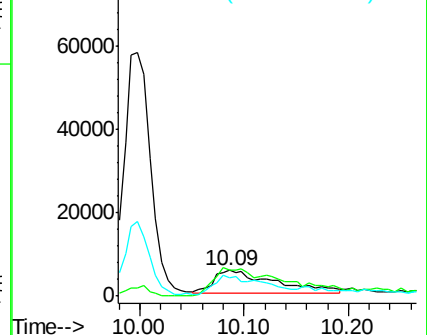
77 72.1 104.6 144.6#

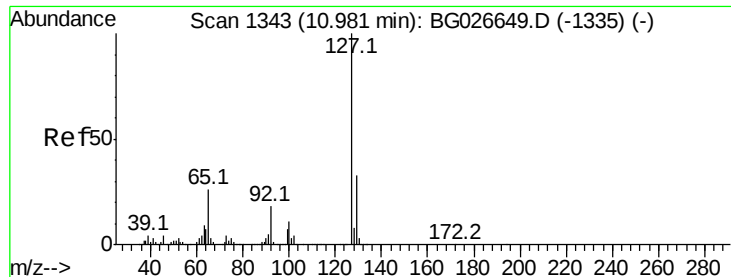


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

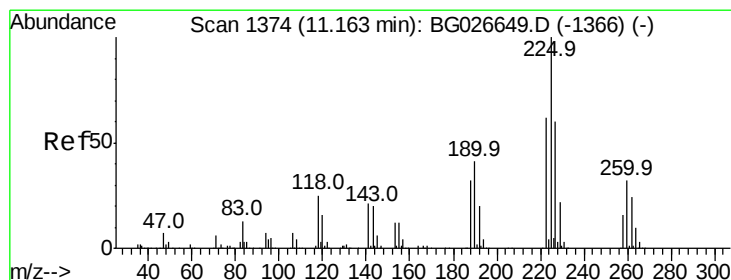
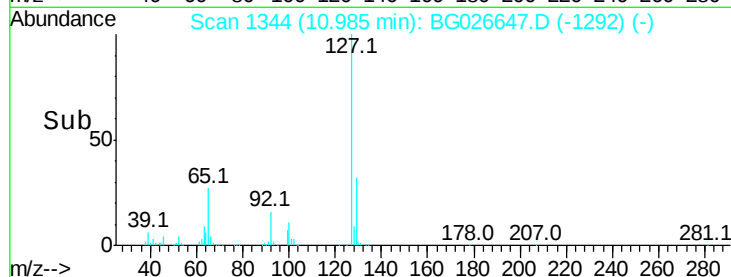
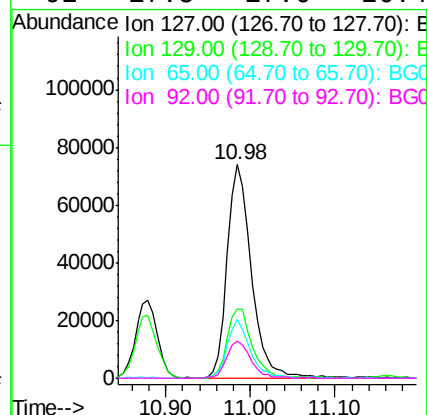
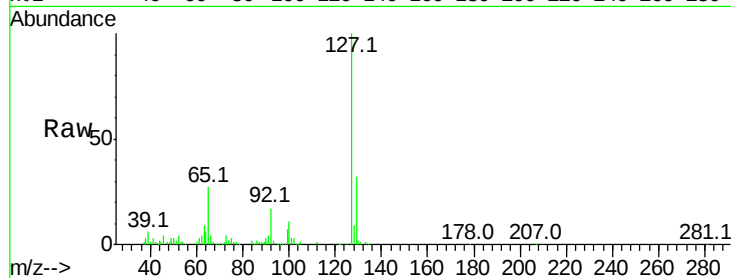




#33  
4-Chloroaniline  
Concen: 10.35 ng  
RT: 10.98 min Scan# 1344  
Delta R.T. 0.00 min  
Lab File: BG026647.D  
Acq: 18 Apr 2017 13:46

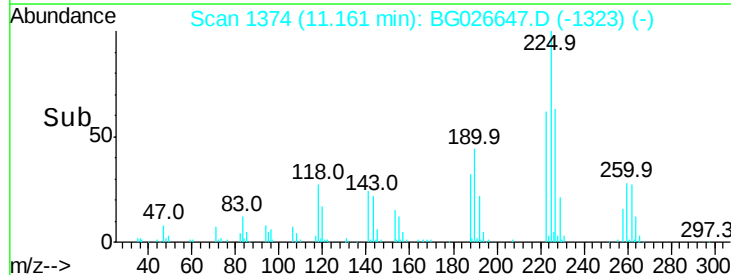
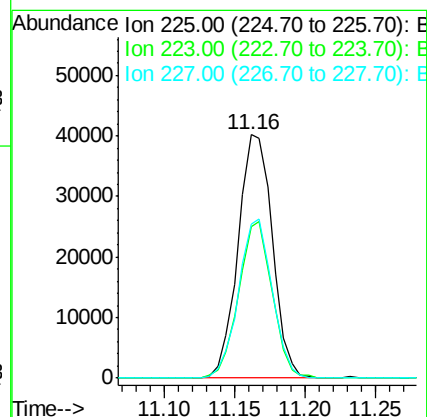
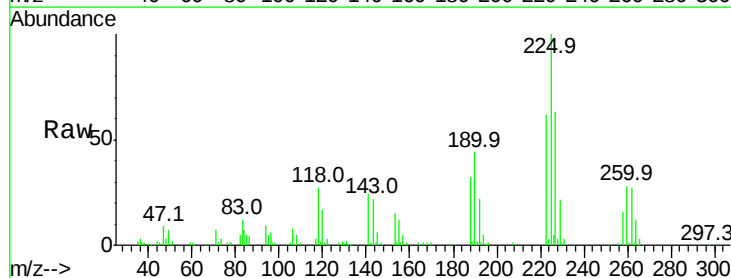
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC010

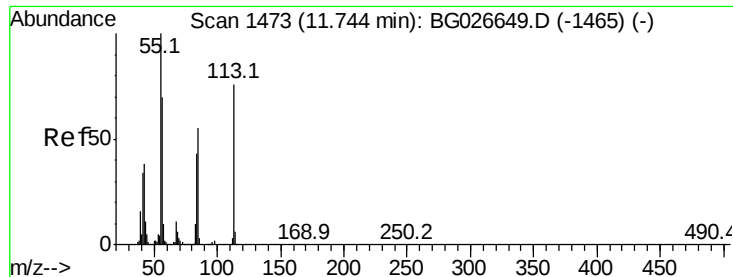
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 32.3  | 23.6  | 35.4  |
| 65      | 27.4  | 37.7  | 56.5# |
| 92      | 17.5  | 17.6  | 26.4# |



#34  
Hexachlorobutadiene  
Concen: 10.50 ng  
RT: 11.16 min Scan# 1374  
Delta R.T. -0.00 min  
Lab File: BG026647.D  
Acq: 18 Apr 2017 13:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.4  | 50.7  | 76.1  |
| 227     | 63.2  | 49.0  | 73.6  |





#35

Caprolactam

Concen: 11.04 ng

RT: 11.73 min Scan# 1470

Delta R.T. -0.02 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

Instrument :

BNA\_G

ClientSampleId :

SSTDIC010

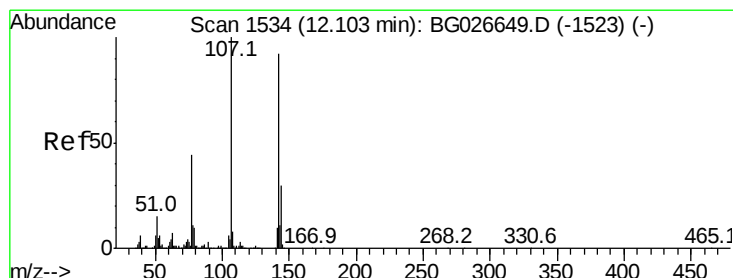
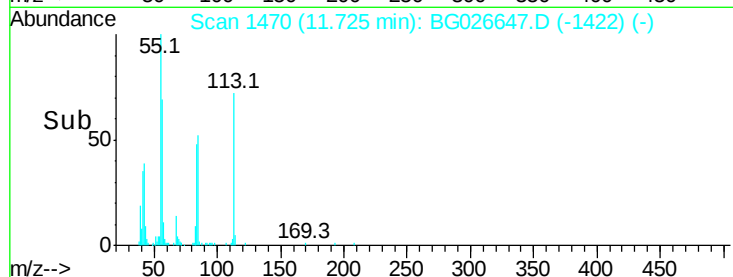
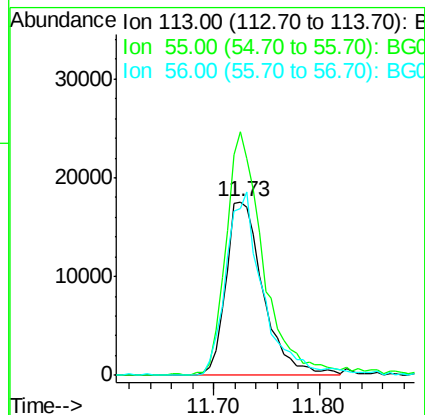
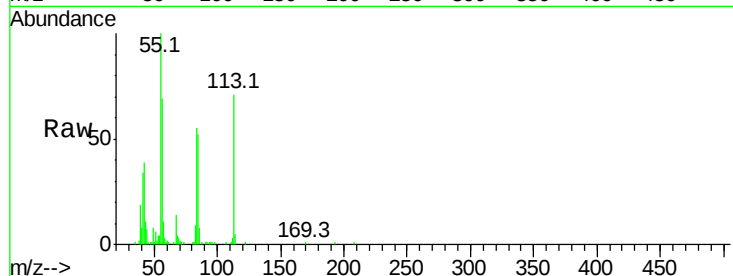
Tot Ion:113 Resp: 42749

Ion Ratio Lower Upper

113 100

55 140.2 198.6 238.6#

56 96.2 140.4 180.4#



#36

4-Chloro-3-methylphenol

Concen: 10.57 ng

RT: 12.10 min Scan# 1534

Delta R.T. -0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

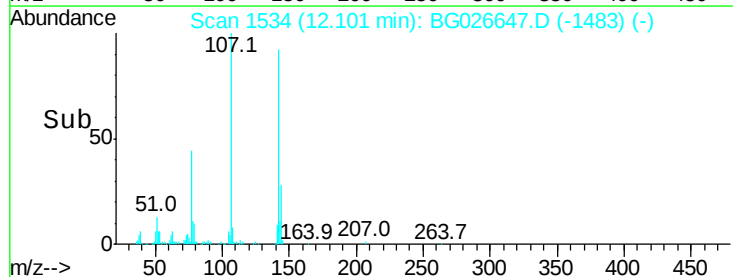
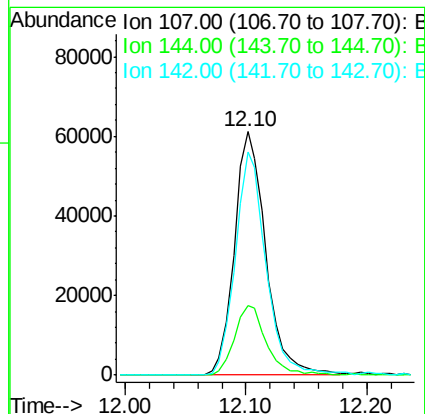
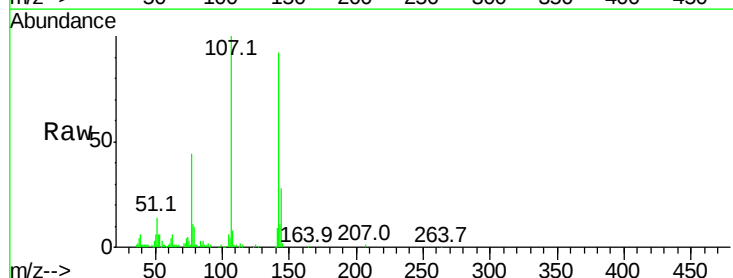
Tgt Ion:107 Resp: 111062

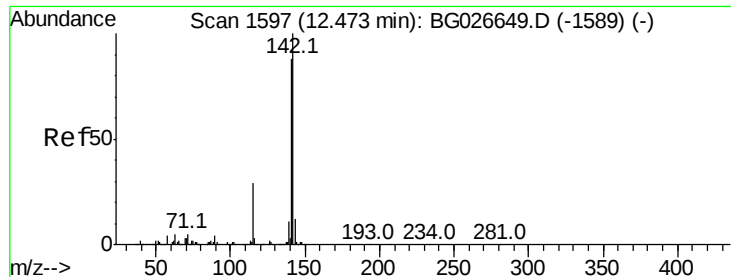
Ion Ratio Lower Upper

107 100

144 28.4 17.4 26.0#

142 91.7 54.1 81.1#

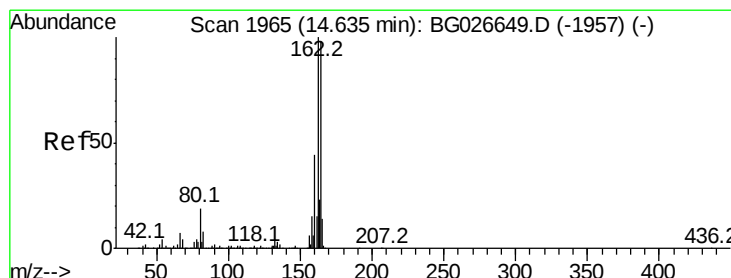
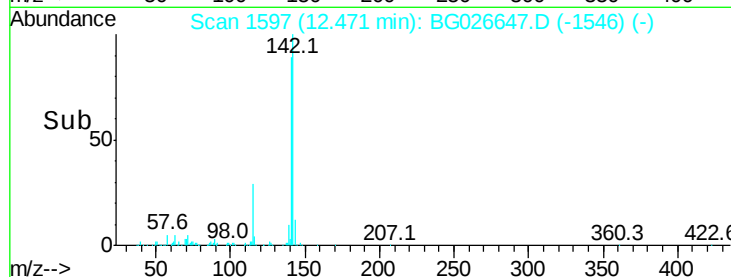
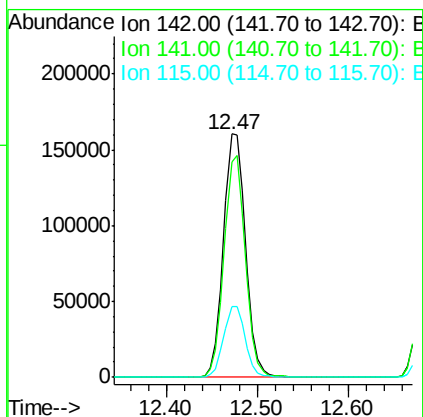
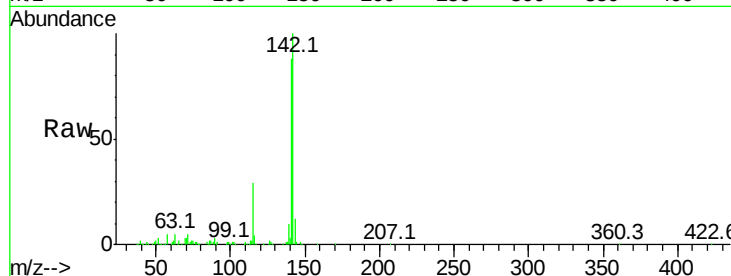




#37  
2-Methylnaphthalene  
Concen: 10.61 ng  
RT: 12.47 min Scan# 1597  
Delta R.T. -0.00 min  
Lab File: BG026647.D  
Acq: 18 Apr 2017 13:46

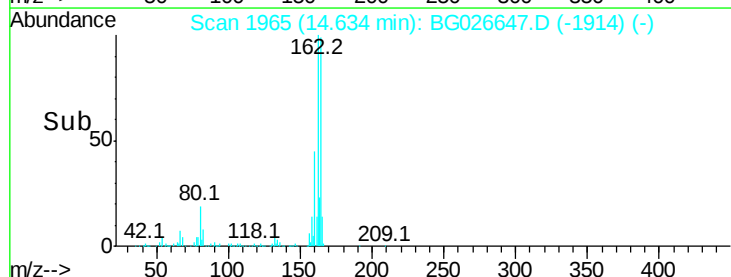
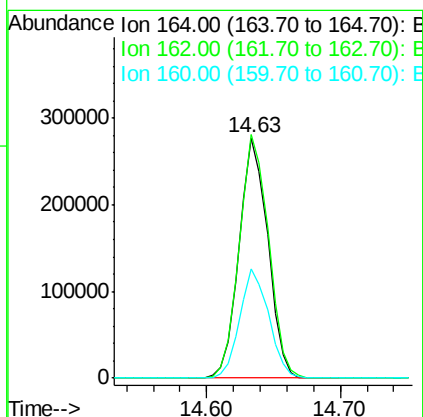
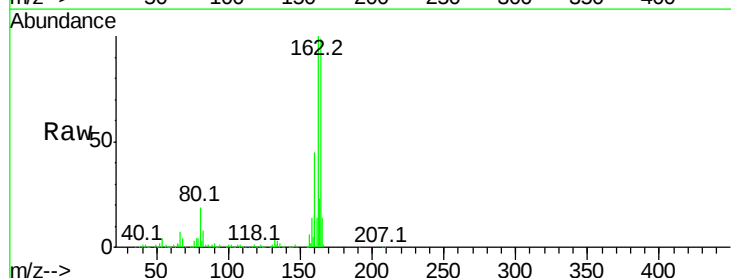
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC010

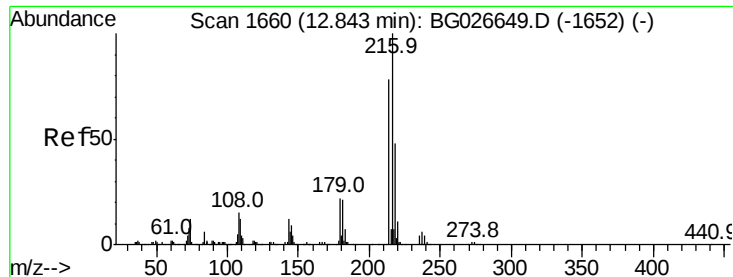
Tot Ion:142 Resp: 272149  
Ion Ratio Lower Upper  
142 100  
141 88.5 70.4 105.6  
115 29.1 35.5 53.3#



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.63 min Scan# 1965  
Delta R.T. -0.00 min  
Lab File: BG026647.D  
Acq: 18 Apr 2017 13:46

Tgt Ion:164 Resp: 411162  
Ion Ratio Lower Upper  
164 100  
162 101.4 85.1 127.7  
160 45.6 34.7 52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 10.61 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

Tot Ion:216 Resp: 131238

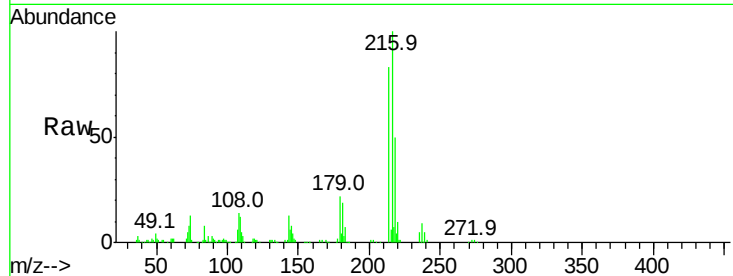
Ion Ratio Lower Upper

216 100

214 79.0 64.4 96.6

179 21.4 17.4 26.0

108 14.8 15.6 23.4#

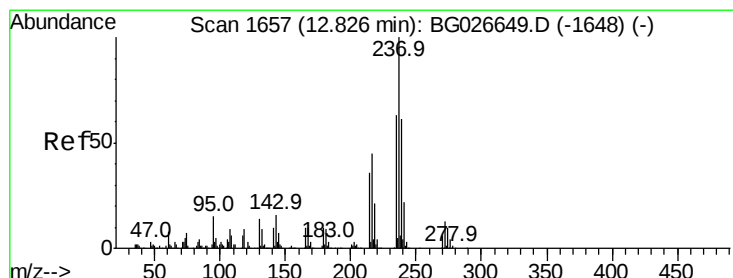
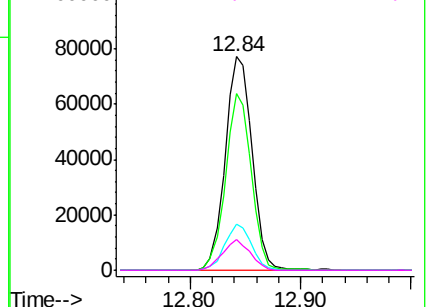
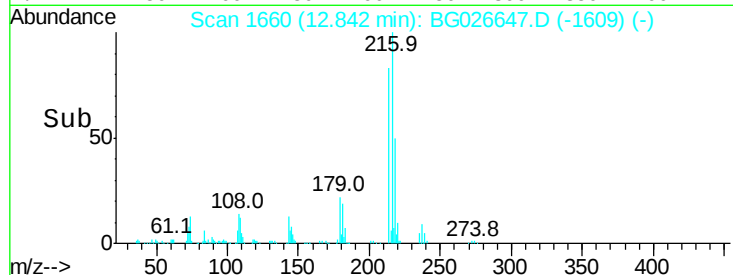


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 7.74 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

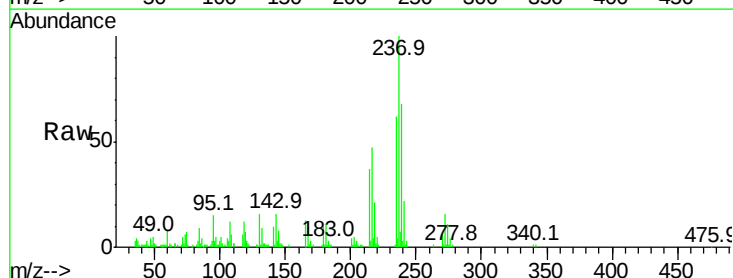
Tgt Ion:237 Resp: 50427

Ion Ratio Lower Upper

237 100

235 62.3 39.4 79.4

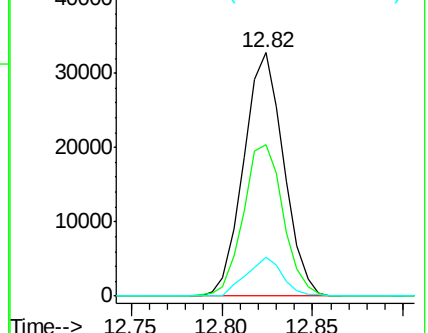
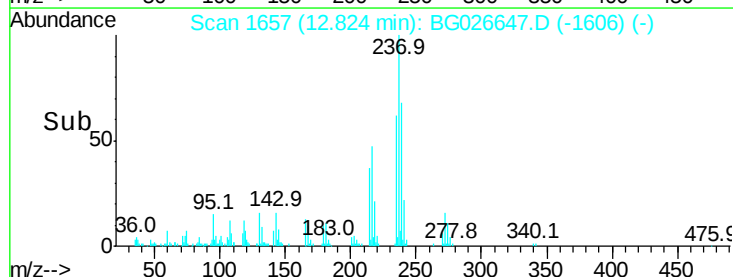
272 15.8 0.0 32.0

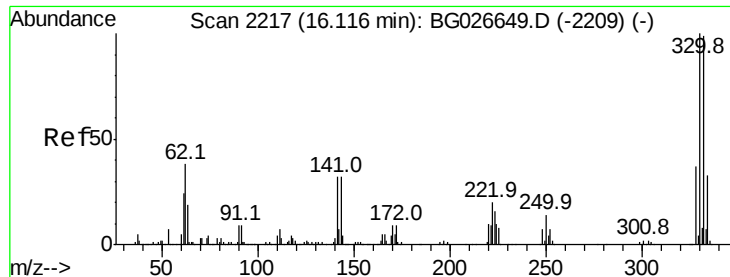


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

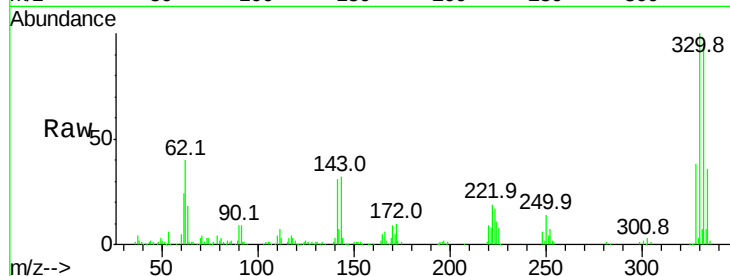




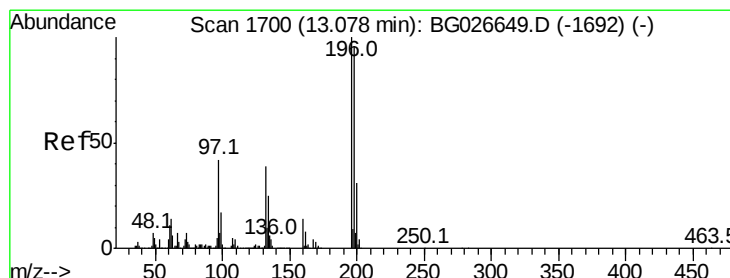
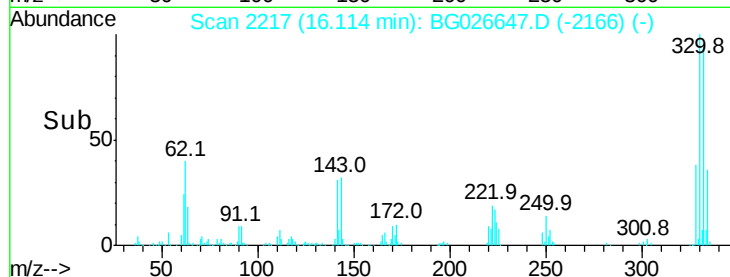
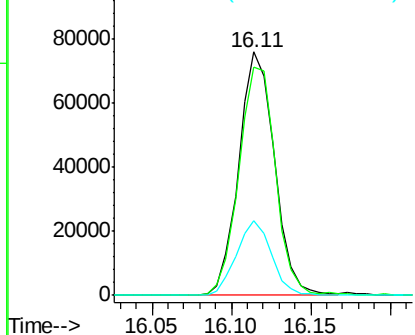
#41  
 2,4,6-Tribromophenol  
 Concen: 25.24 ng  
 RT: 16.11 min Scan# 2217  
 Delta R.T. -0.00 min  
 Lab File: BG026647.D  
 Acq: 18 Apr 2017 13:46

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

Tot Ion:330 Resp: 118823  
 Ion Ratio Lower Upper  
 330 100  
 332 96.4 77.3 115.9  
 141 29.9 32.1 48.1#

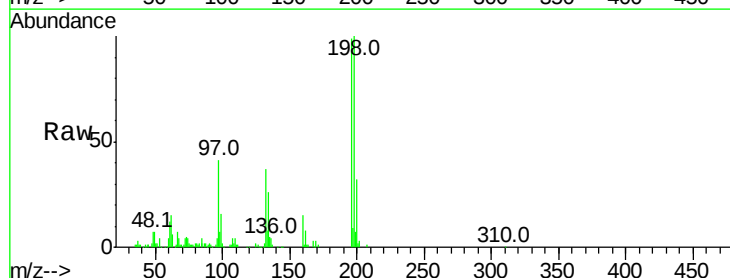


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

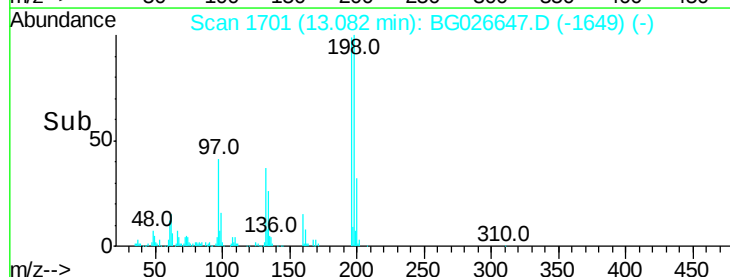
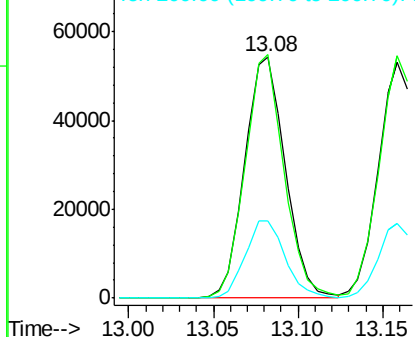


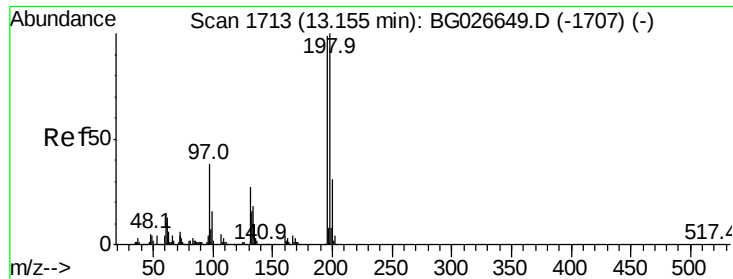
#42  
 2,4,6-Trichlorophenol  
 Concen: 11.22 ng  
 RT: 13.08 min Scan# 1701  
 Delta R.T. 0.00 min  
 Lab File: BG026647.D  
 Acq: 18 Apr 2017 13:46

Tgt Ion:196 Resp: 90888  
 Ion Ratio Lower Upper  
 196 100  
 198 100.8 81.4 122.2  
 200 32.0 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

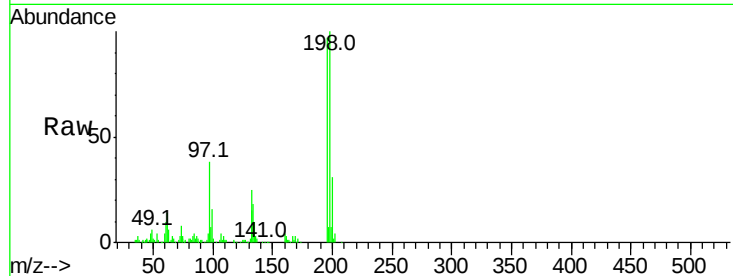




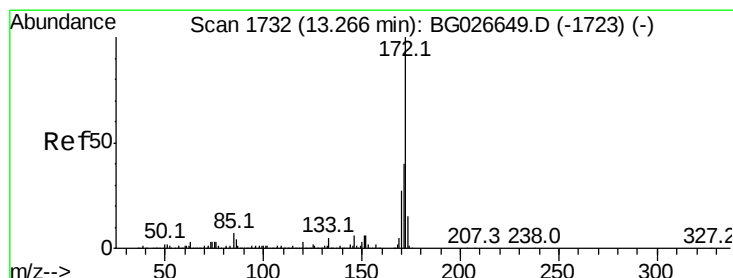
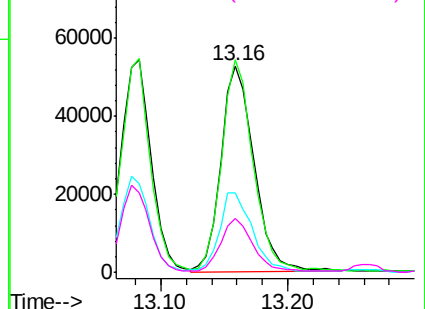
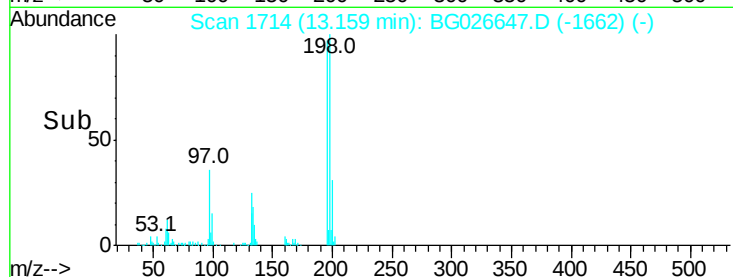
#43  
 2,4,5-Trichlorophenol  
 Concen: 10.67 ng  
 RT: 13.16 min Scan# 1714  
 Delta R.T. 0.00 min  
 Lab File: BG026647.D  
 Acq: 18 Apr 2017 13:46

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 103.0 | 79.9  | 119.9 |
| 97      | 38.6  | 45.4  | 68.0  |
| 132     | 26.2  | 20.7  | 31.1  |

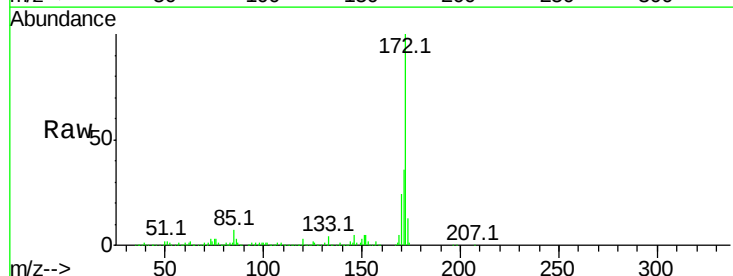


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BG  
 Ion 132.00 (131.70 to 132.70): E

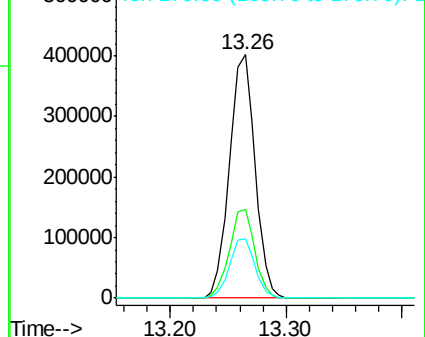
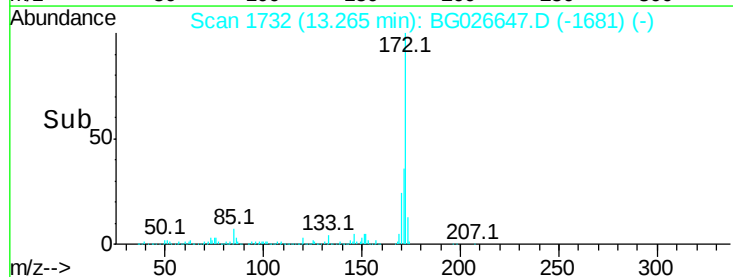


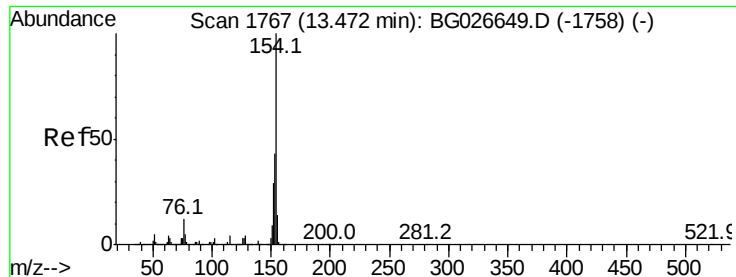
#44  
 2-Fluorobiphenyl  
 Concen: 21.08 ng  
 RT: 13.26 min Scan# 1732  
 Delta R.T. -0.00 min  
 Lab File: BG026647.D  
 Acq: 18 Apr 2017 13:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.3  | 32.2  | 48.2  |
| 170     | 24.4  | 21.8  | 32.6  |



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 10.58 ng

RT: 13.47 min Scan# 1767

Delta R.T. -0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

Instrument :

BNA\_G

ClientSampleId :

SSTDIC010

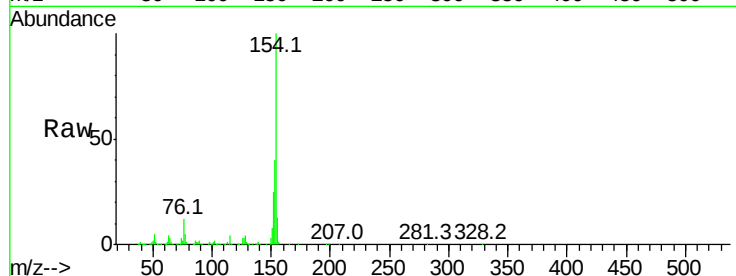
Tot Ion:154 Resp: 360221

Ion Ratio Lower Upper

154 100

153 40.5 23.0 63.0

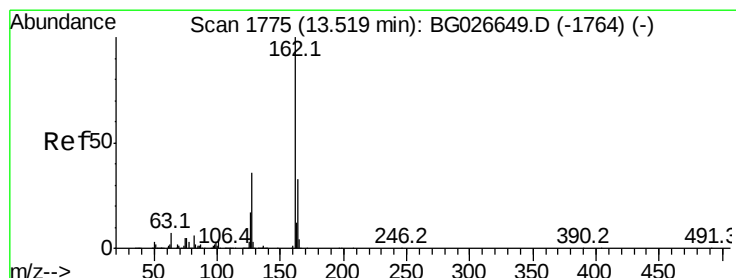
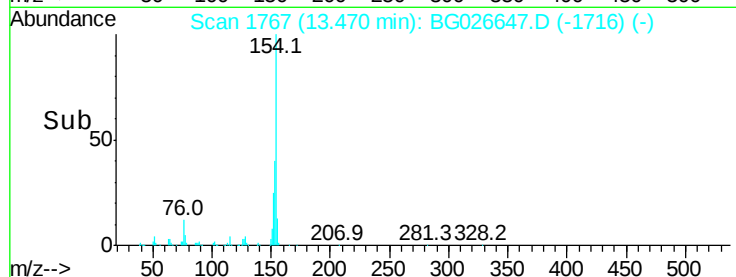
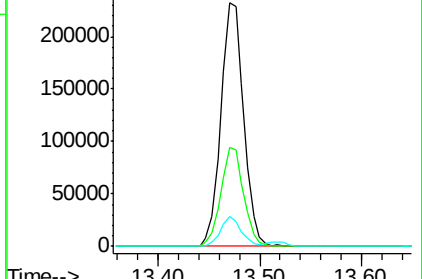
76 12.2 0.0 33.5



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: 10.62 ng

RT: 13.52 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

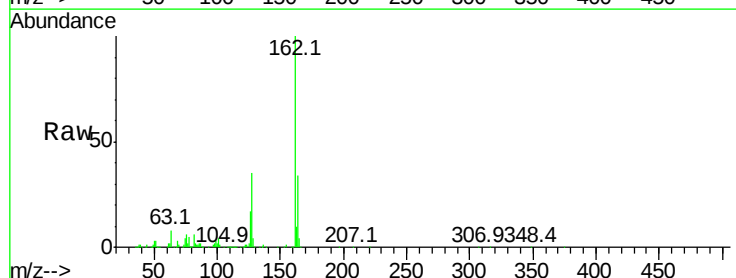
Tgt Ion:162 Resp: 264052

Ion Ratio Lower Upper

162 100

127 34.9 32.2 48.4

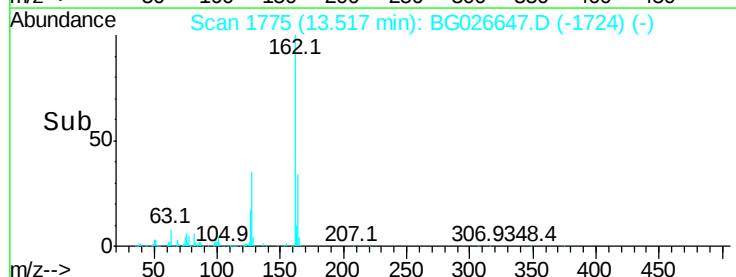
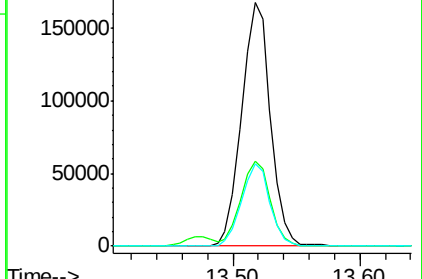
164 34.0 27.3 40.9

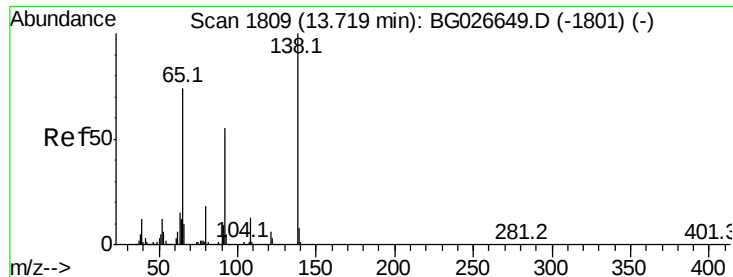


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 9.19 ng

RT: 13.72 min Scan# 1809

Delta R.T. -0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

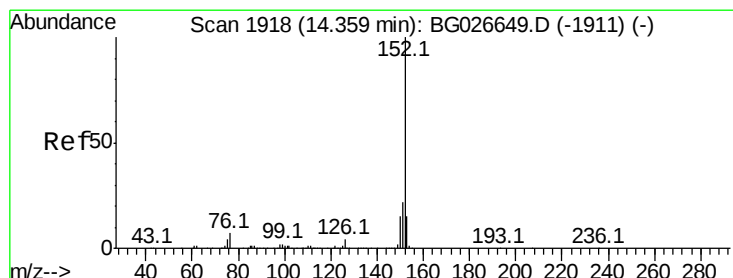
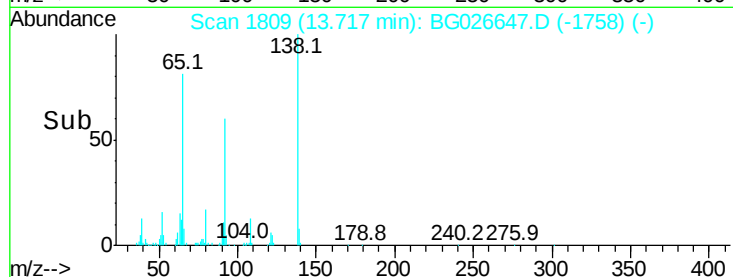
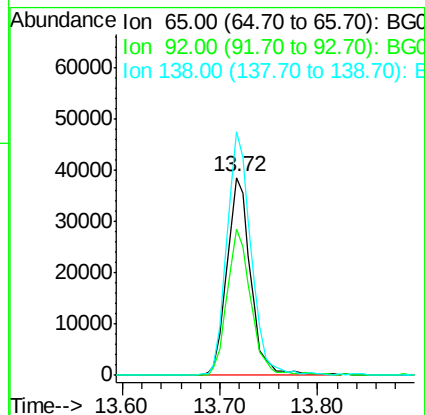
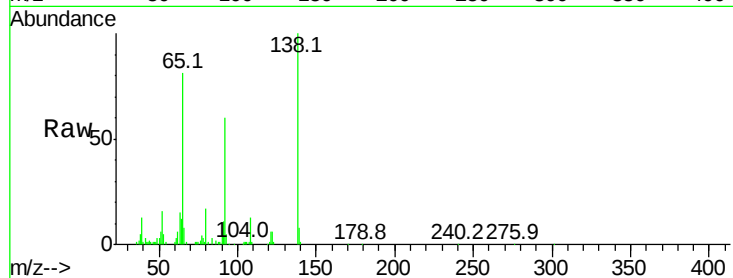
Tot Ion: 65 Resp: 65017

Ion Ratio Lower Upper

65 100

92 74.1 49.0 73.4#

138 123.2 58.6 87.8#



#48

Acenaphthylene

Concen: 10.07 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

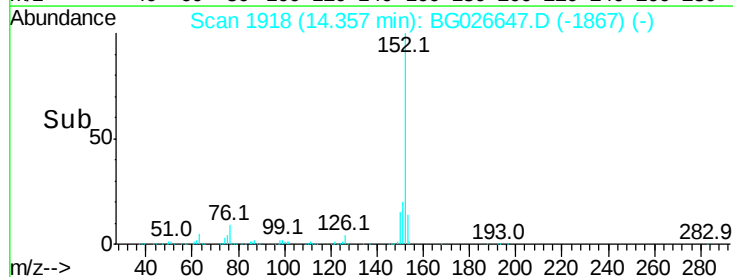
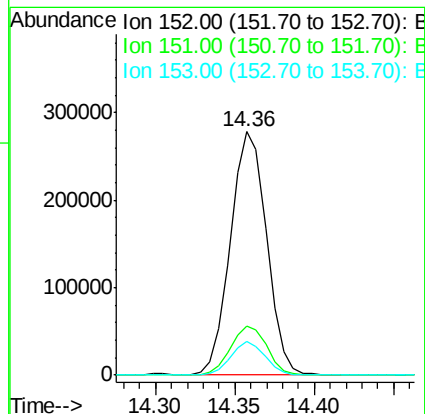
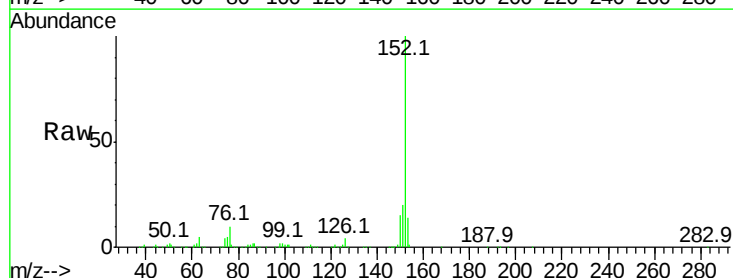
Tgt Ion: 152 Resp: 436784

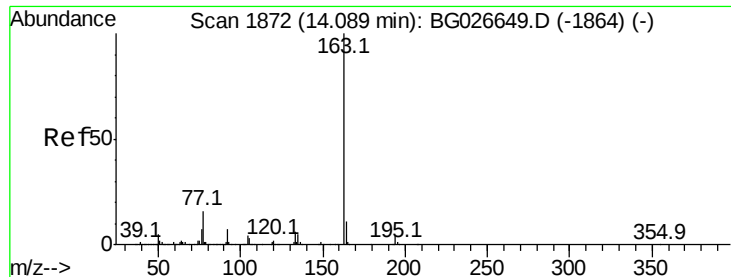
Ion Ratio Lower Upper

152 100

151 19.9 18.2 27.2

153 14.0 11.3 16.9

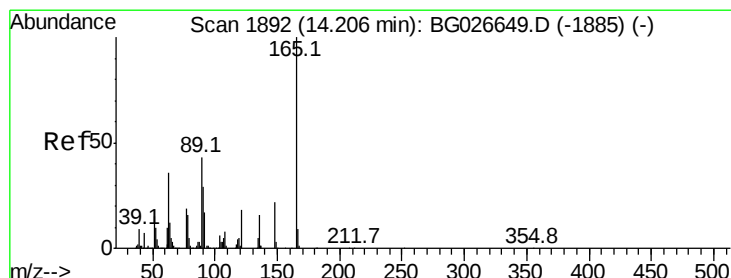
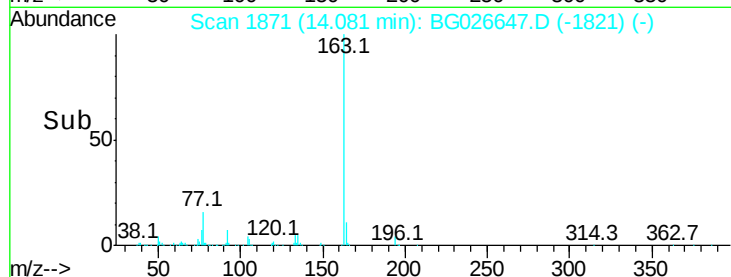
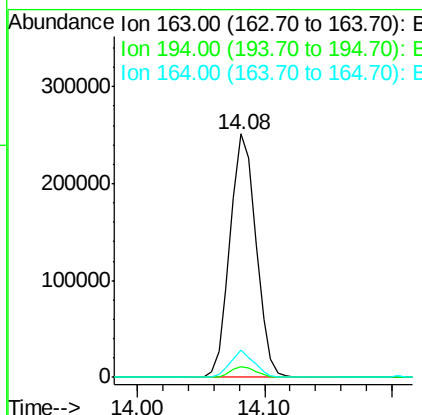
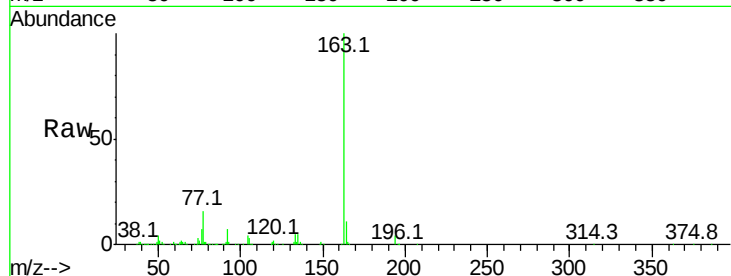




#49  
Dimethylphthalate  
Concen: 11.47 ng  
RT: 14.08 min Scan# 1871  
Delta R.T. -0.01 min  
Lab File: BG026647.D  
Acq: 18 Apr 2017 13:46

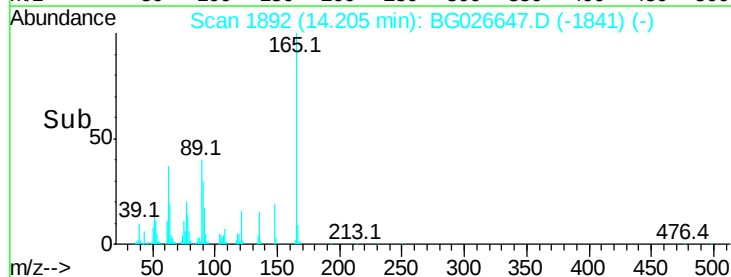
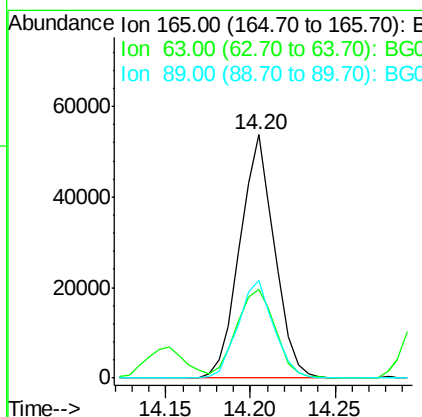
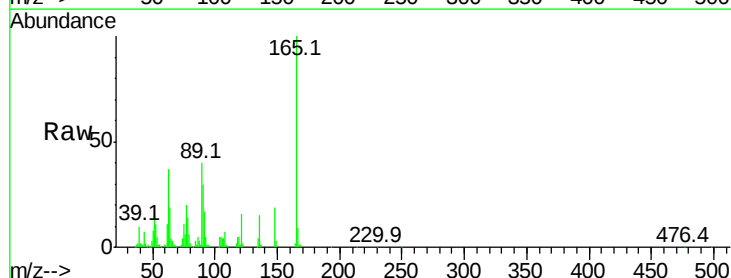
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC010

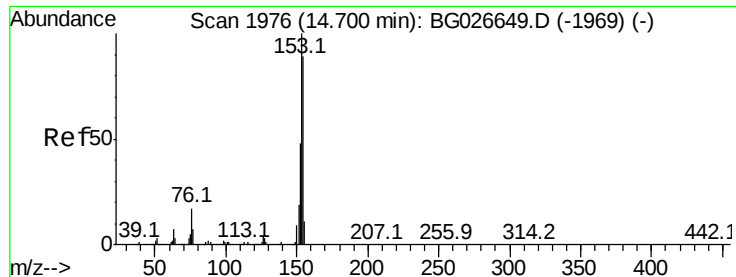
Tot Ion:163 Resp: 356097  
Ion Ratio Lower Upper  
163 100  
194 4.4 3.8 5.6  
164 11.0 9.3 13.9



#50  
2,6-Dinitrotoluene  
Concen: 10.58 ng  
RT: 14.20 min Scan# 1892  
Delta R.T. -0.00 min  
Lab File: BG026647.D  
Acq: 18 Apr 2017 13:46

Tgt Ion:165 Resp: 76647  
Ion Ratio Lower Upper  
165 100  
63 36.5 63.9 95.9#  
89 40.3 58.6 88.0#





#51

Acenaphthene

Concen: 10.11 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

Instrument :

BNA\_G

ClientSampleId :

SSTDIC010

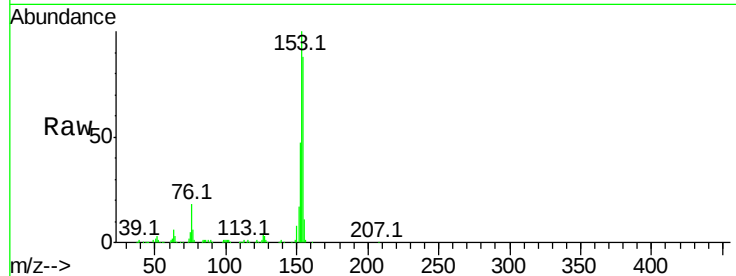
Tot Ion:154 Resp: 269949

Ion Ratio Lower Upper

154 100

153 113.2 87.8 131.6

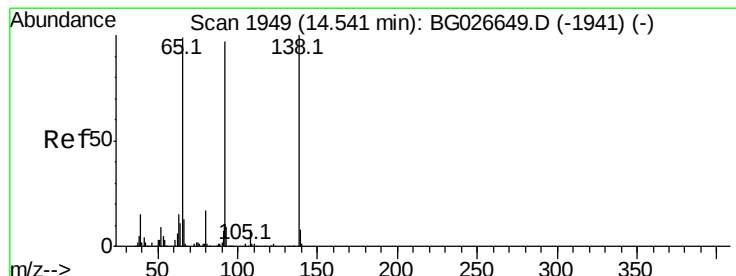
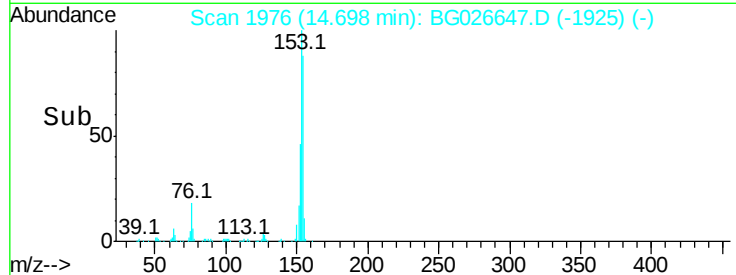
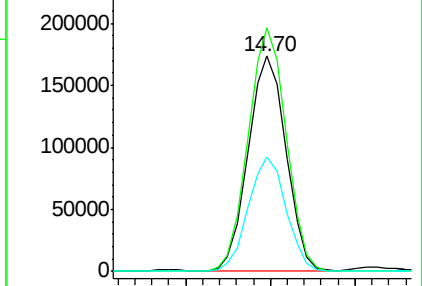
152 53.3 42.2 63.4



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: 10.51 ng

RT: 14.54 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

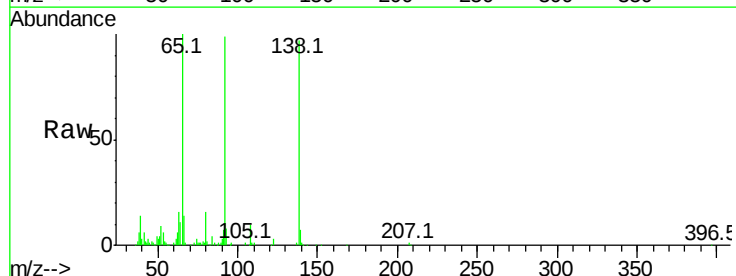
Tgt Ion:138 Resp: 83844

Ion Ratio Lower Upper

138 100

108 9.9 10.9 16.3#

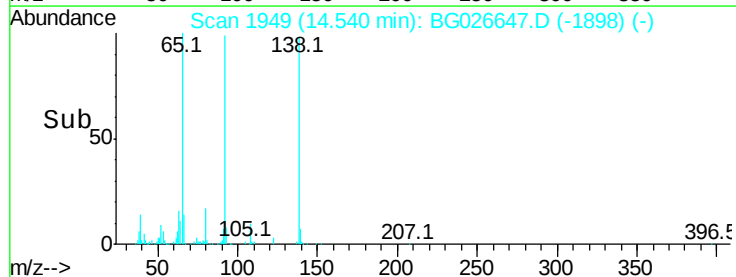
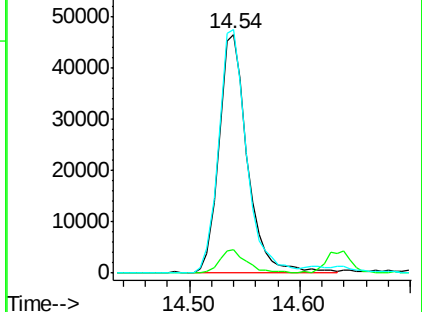
92 102.1 115.3 172.9#

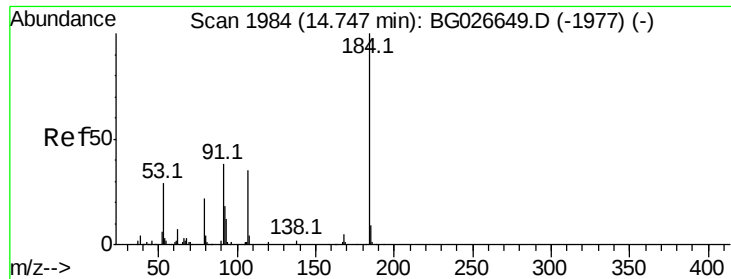


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

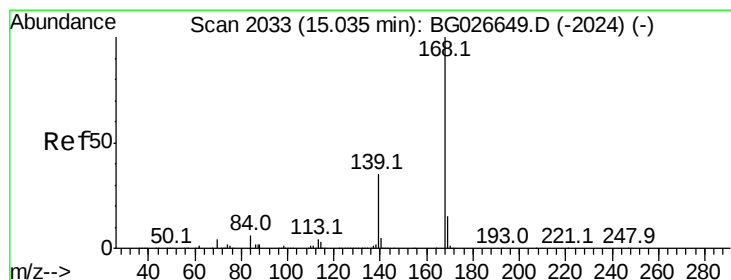
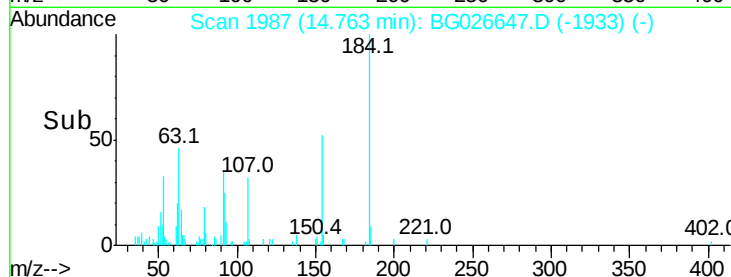
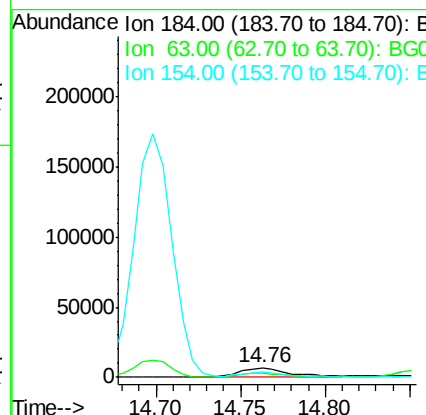
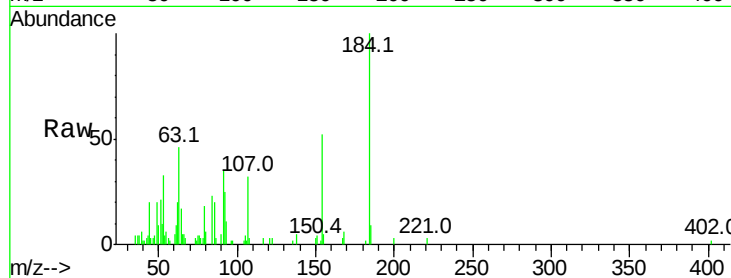




#53  
2,4-Dinitrophenol  
Concen: 3.41 ng  
RT: 14.76 min Scan# 1987  
Delta R.T. 0.02 min  
Lab File: BG026647.D  
Acq: 18 Apr 2017 13:46

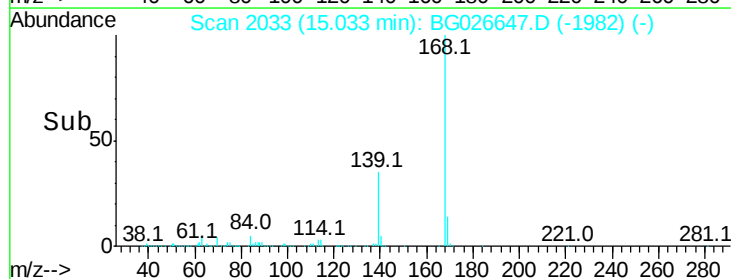
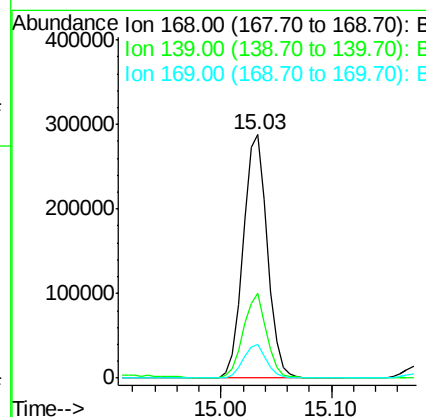
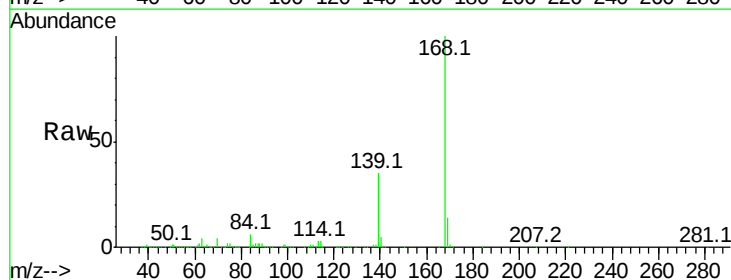
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC010

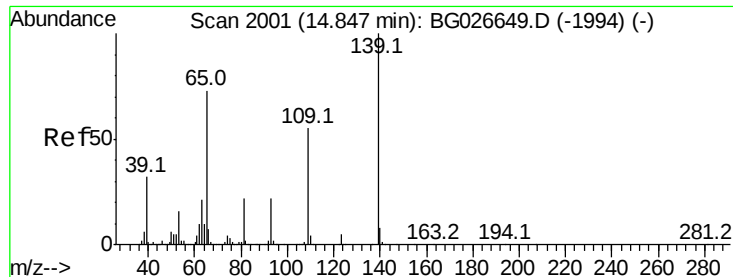
Tot Ion:184 Resp: 14322  
Ion Ratio Lower Upper  
184 100  
63 46.1 52.7 79.1#  
154 51.7 57.3 85.9#



#54  
Dibenzofuran  
Concen: 11.72 ng  
RT: 15.03 min Scan# 2033  
Delta R.T. -0.00 min  
Lab File: BG026647.D  
Acq: 18 Apr 2017 13:46

Tgt Ion:168 Resp: 440416  
Ion Ratio Lower Upper  
168 100  
139 35.0 35.3 52.9#  
169 13.9 11.5 17.3





#55

4-Nitrophenol

Concen: 10.00 ng

RT: 14.86 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

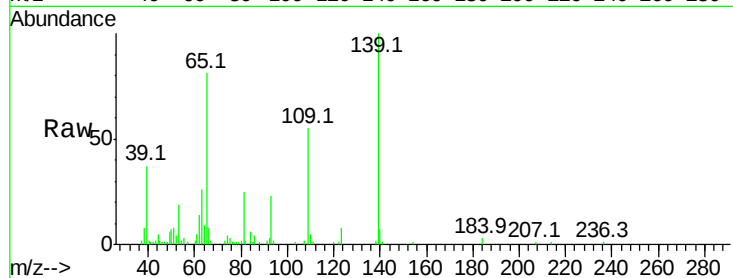
Tot Ion:139 Resp: 65325

Ion Ratio Lower Upper

139 100

109 54.7 101.2 141.2#

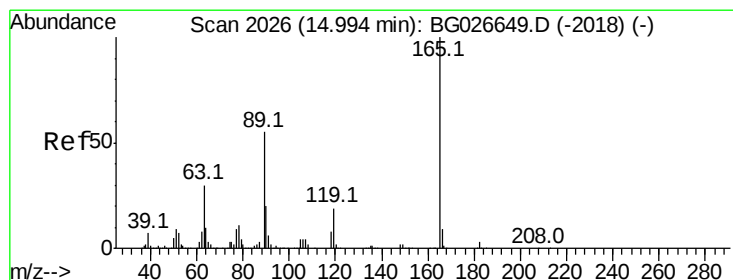
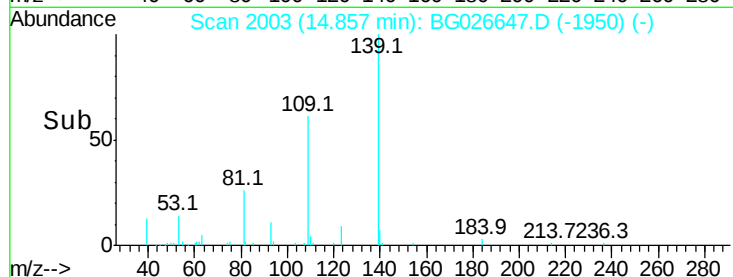
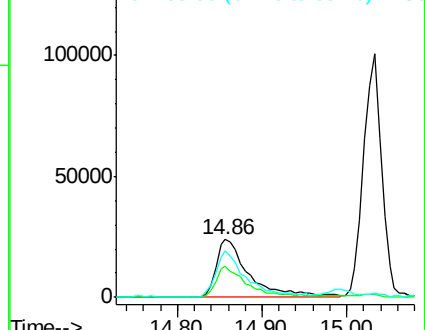
65 80.6 135.3 175.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 10.72 ng

RT: 14.99 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

Tgt Ion:165 Resp: 109183

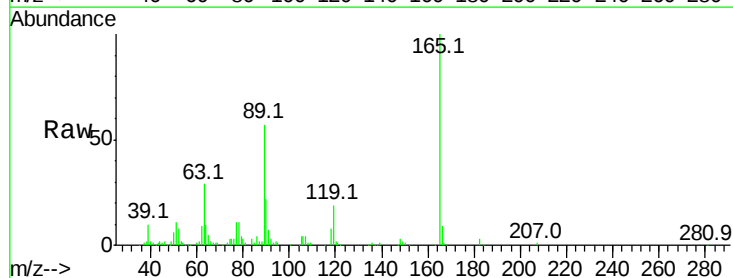
Ion Ratio Lower Upper

165 100

63 29.2 44.0 66.0#

89 57.1 67.3 100.9#

182 2.7 3.8 5.6#

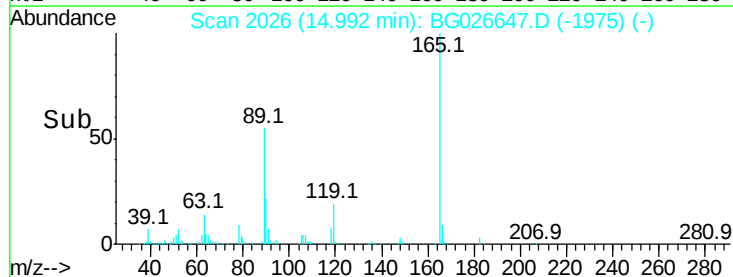
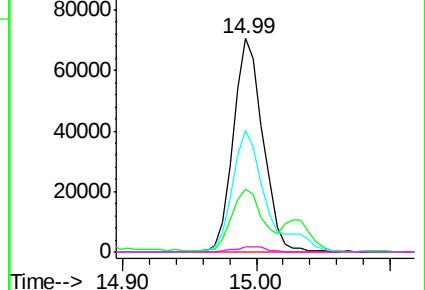


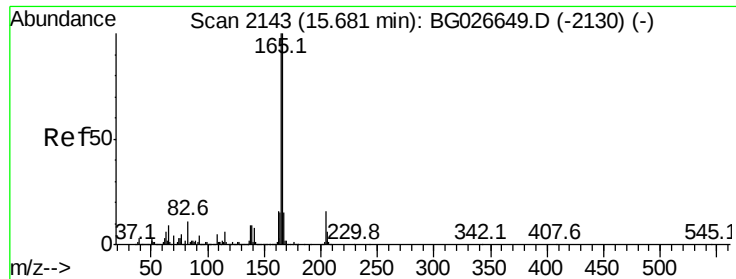
Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.75 ng

RT: 15.68 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

Instrument :

BNA\_G

ClientSampleId :

SSTDIC010

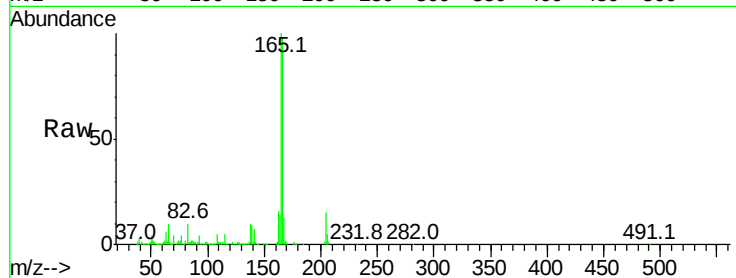
Tot Ion:166 Resp: 359732

Ion Ratio Lower Upper

166 100

165 102.4 78.6 117.8

167 13.5 11.6 17.4

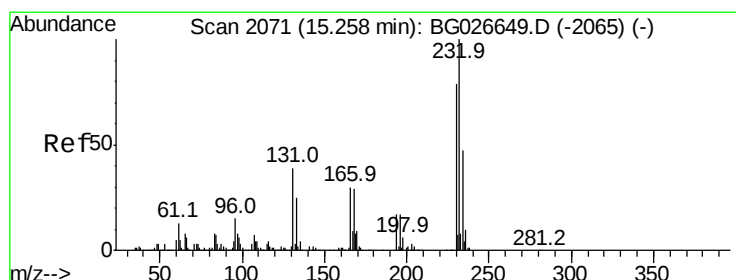
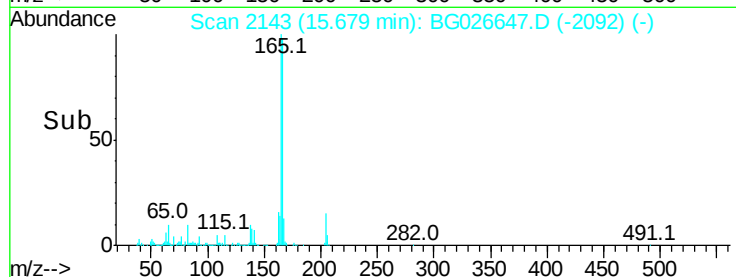


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 13.31 ng

RT: 15.26 min Scan# 2071

Delta R.T. -0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

Tgt Ion:232 Resp: 103969

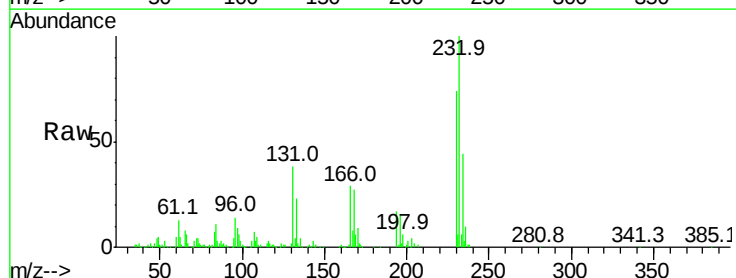
Ion Ratio Lower Upper

232 100

131 38.7 34.9 52.3

130 2.2 2.3 3.5#

166 28.5 24.2 36.4



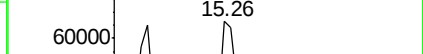
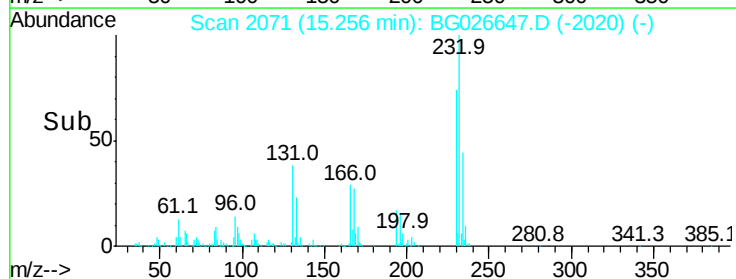
Abundance Ion 232.00 (231.70 to 232.70): E

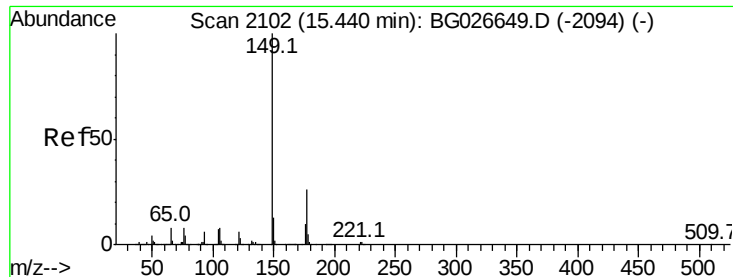
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

Time-->

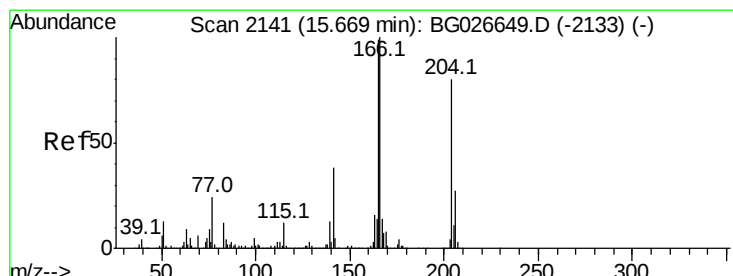
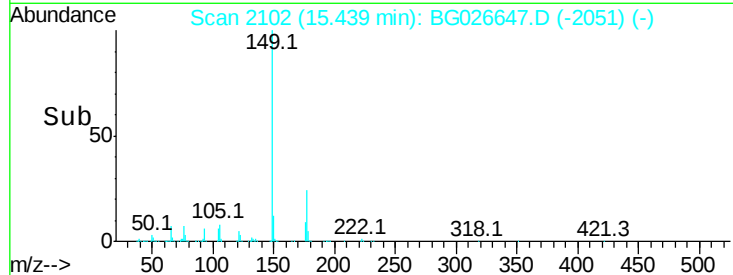
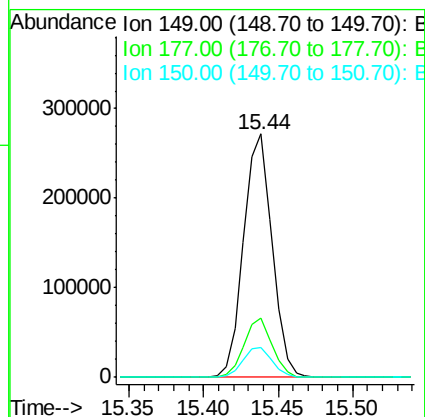
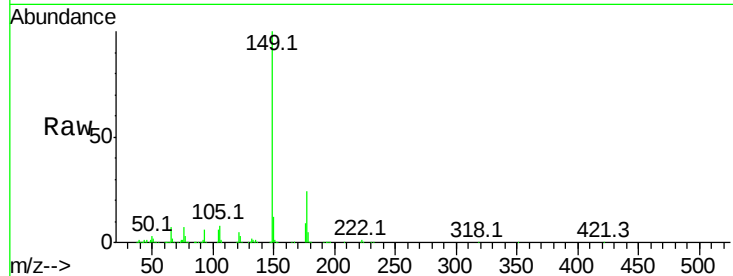




#59  
Diethylphthalate  
Concen: 11.32 ng  
RT: 15.44 min Scan# 2102  
Delta R.T. -0.00 min  
Lab File: BG026647.D  
Acq: 18 Apr 2017 13:46

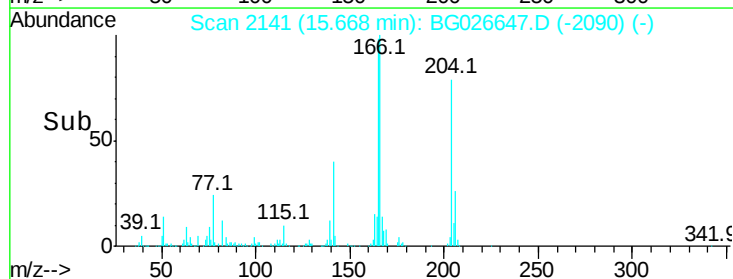
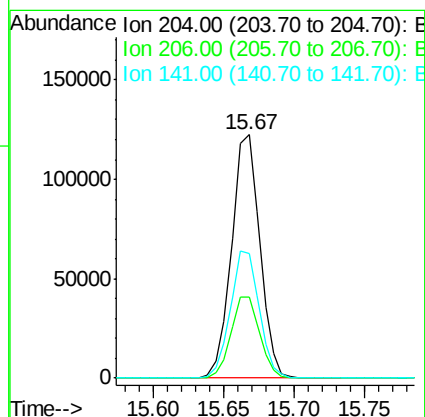
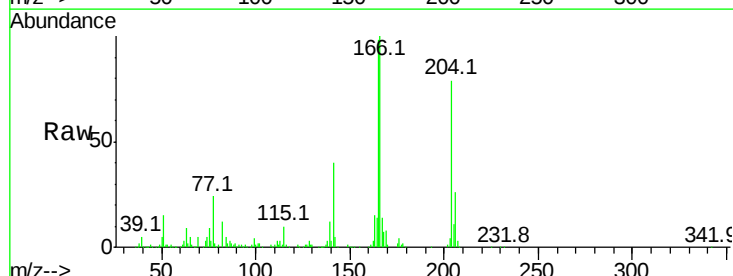
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC010

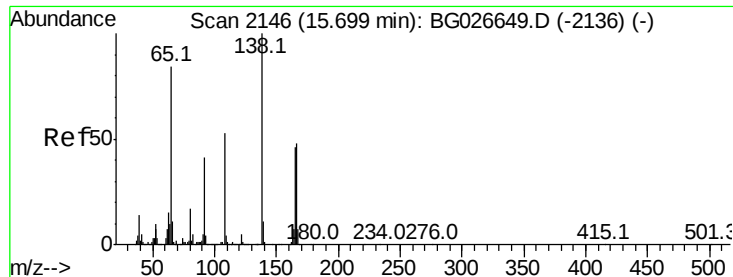
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.2  | 20.1  | 30.1  |
| 150     | 12.4  | 10.2  | 15.2  |



#60  
4-Chlorophenyl-phenylether  
Concen: 10.80 ng  
RT: 15.67 min Scan# 2141  
Delta R.T. -0.00 min  
Lab File: BG026647.D  
Acq: 18 Apr 2017 13:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.5  | 30.1  | 45.1  |
| 141     | 51.1  | 50.6  | 76.0  |





#61

4-Nitroaniline

Concen: 10.78 ng

RT: 15.69 min Scan# 2145

Delta R.T. -0.01 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

Instrument :

BNA\_G

ClientSampleId :

SSTDIC010

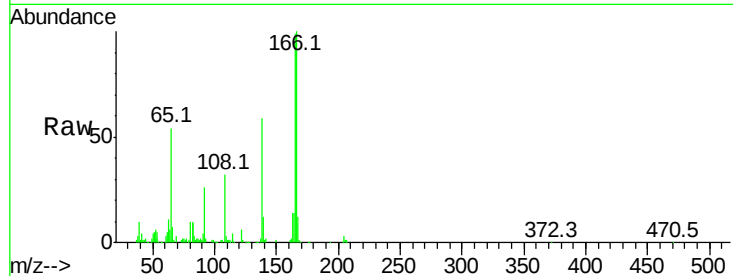
Tot Ion:138 Resp: 90922

Ion Ratio Lower Upper

138 100

92 44.6 44.2 84.2

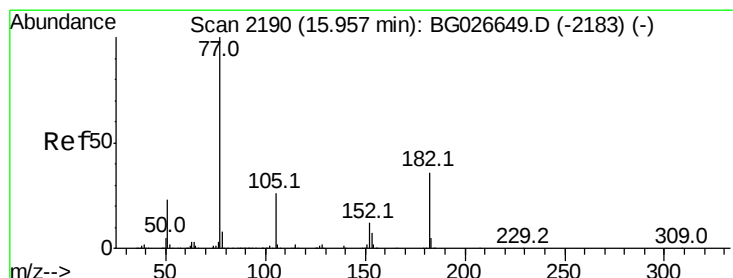
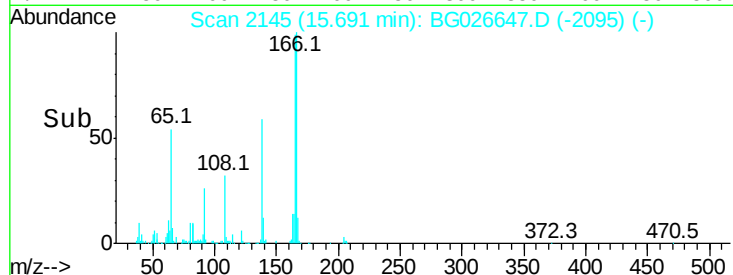
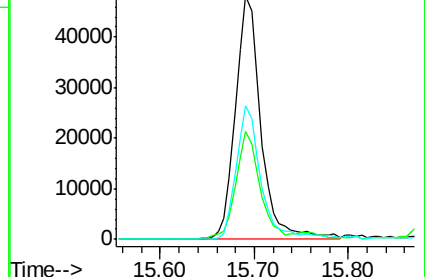
108 54.7 104.8 144.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 10.52 ng

RT: 15.96 min Scan# 2190

Delta R.T. -0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

Tgt Ion: 77 Resp: 271337

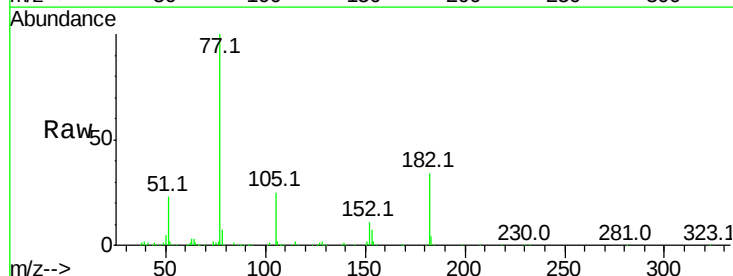
Ion Ratio Lower Upper

77 100

182 34.3 4.7 44.7

105 25.2 0.0 36.3

51 22.7 16.4 56.4

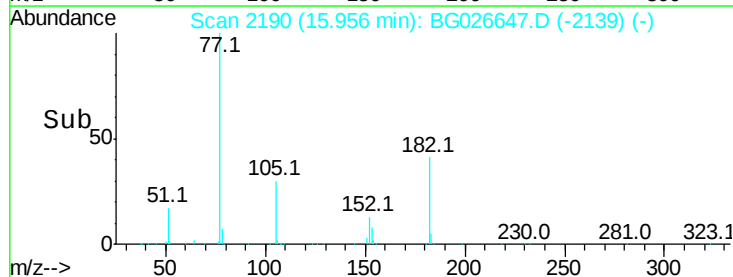
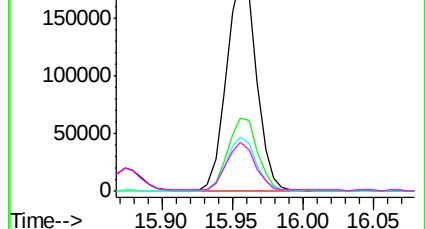


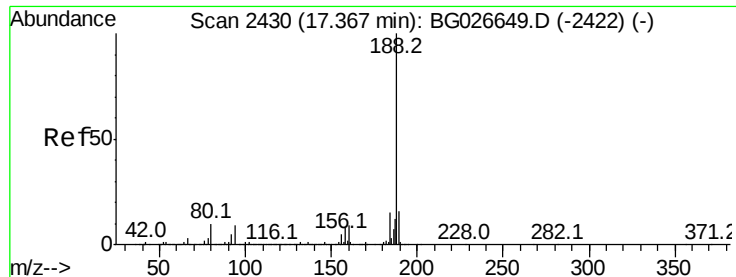
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

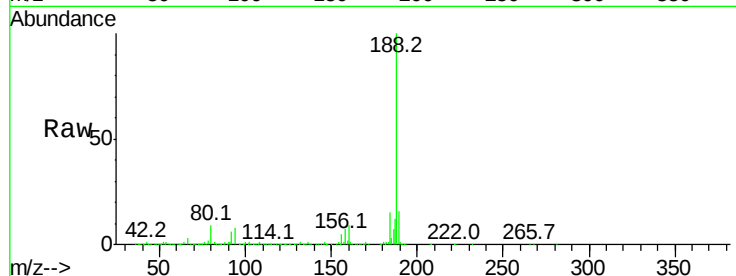
Tot Ion:188 Resp: 1052146

Ion Ratio Lower Upper

188 100

94 8.3 5.8 8.8

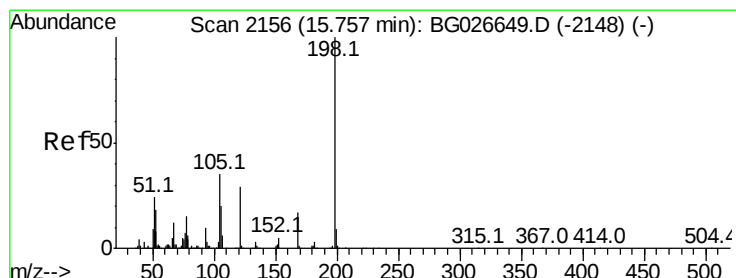
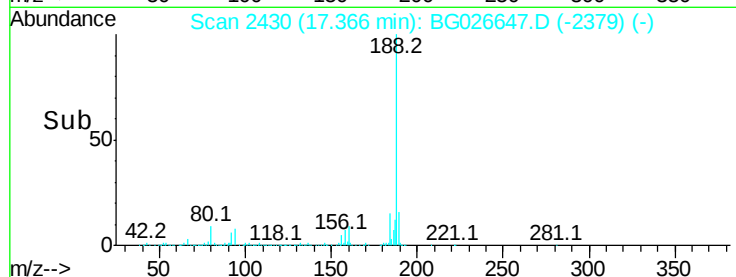
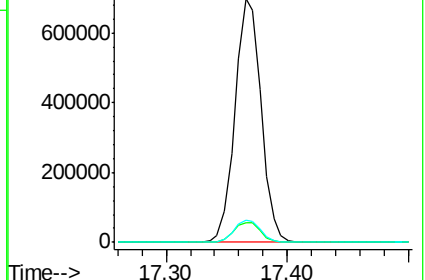
80 9.3 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 8.69 ng

RT: 15.76 min Scan# 2156

Delta R.T. -0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

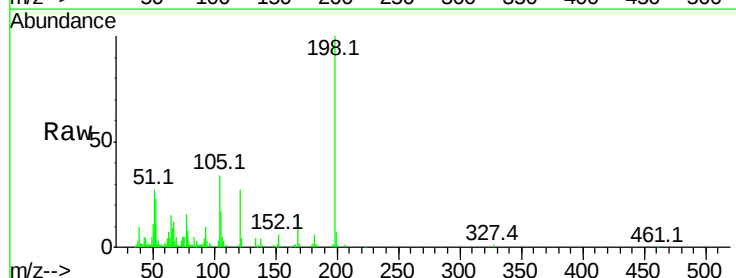
Tgt Ion:198 Resp: 57626

Ion Ratio Lower Upper

198 100

51 27.2 22.6 62.6

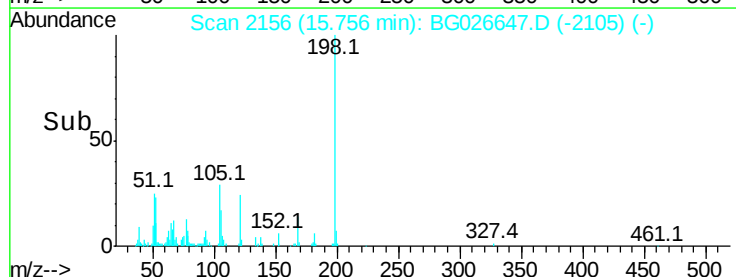
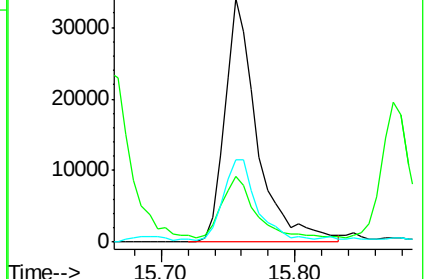
105 33.7 14.4 54.4

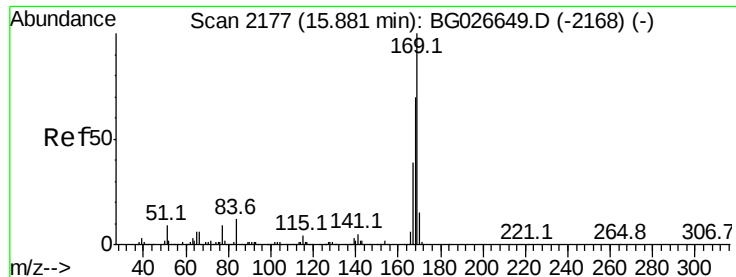


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

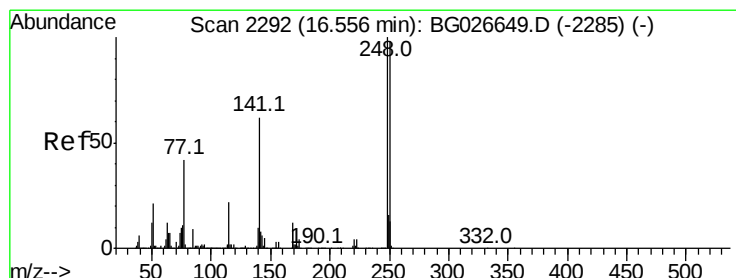
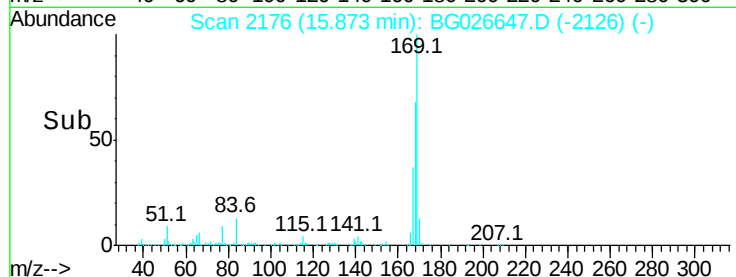
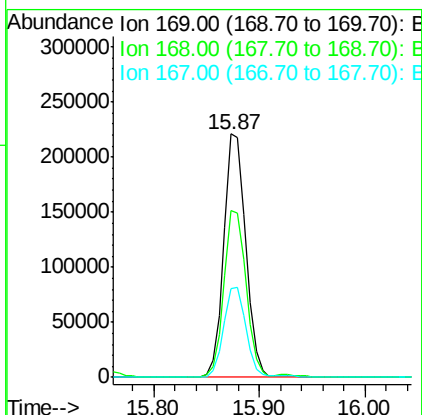
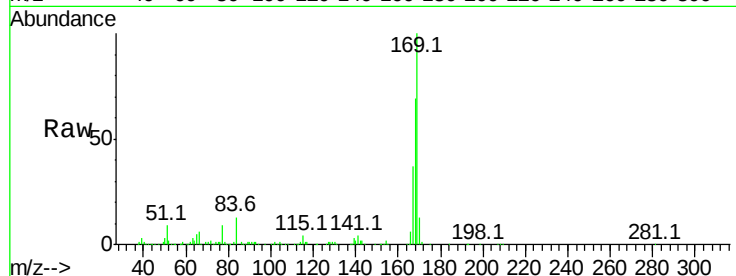




#65  
 n-Nitrosodiphenylamine  
 Concen: 10.33 ng  
 RT: 15.87 min Scan# 2176  
 Delta R.T. -0.01 min  
 Lab File: BG026647.D  
 Acq: 18 Apr 2017 13:46

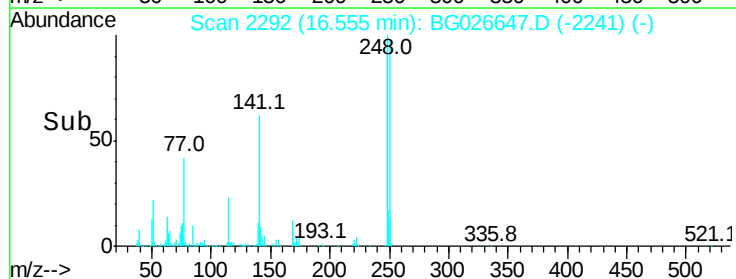
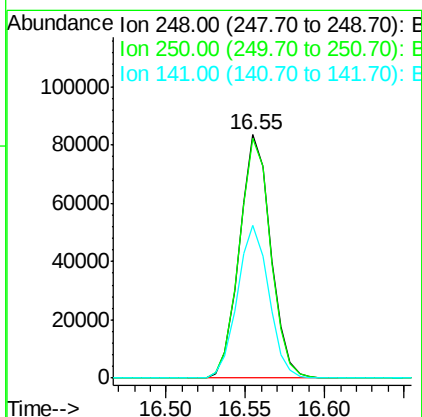
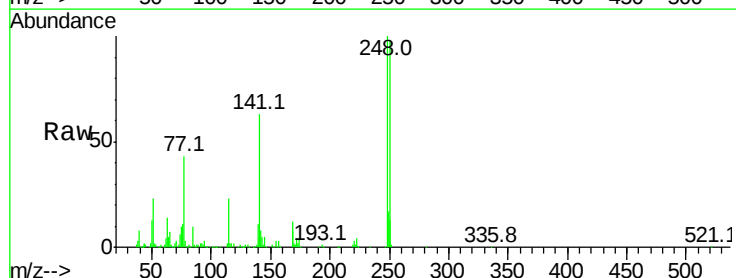
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

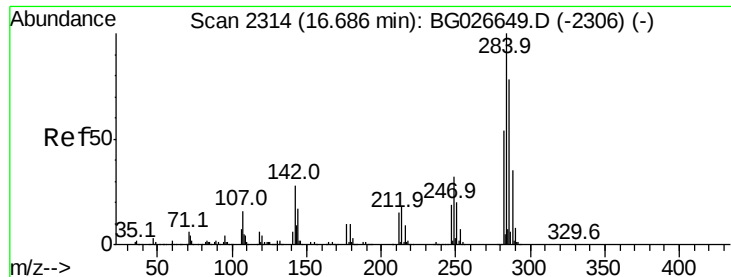
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 68.6  | 55.7  | 83.5  |
| 167     | 36.5  | 29.8  | 44.6  |



#66  
 4-Bromophenyl-phenylether  
 Concen: 10.50 ng  
 RT: 16.55 min Scan# 2292  
 Delta R.T. -0.00 min  
 Lab File: BG026647.D  
 Acq: 18 Apr 2017 13:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.2  | 75.0  | 112.6 |
| 141     | 62.6  | 55.2  | 82.8  |





#67

Hexachlorobenzene

Concen: 11.16 ng

RT: 16.68 min Scan# 2314

Delta R.T. -0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

Instrument :

BNA\_G

ClientSampleId :

SSTDIC010

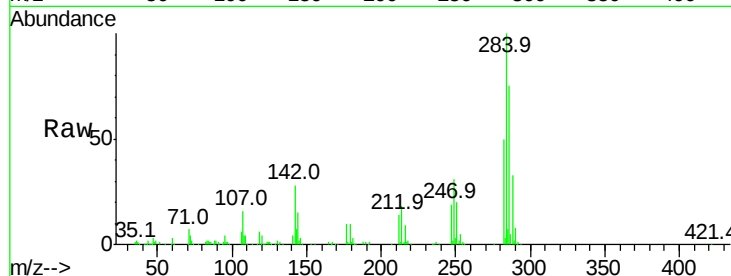
Tot Ion:284 Resp: 128957

Ion Ratio Lower Upper

284 100

142 28.4 29.9 44.9#

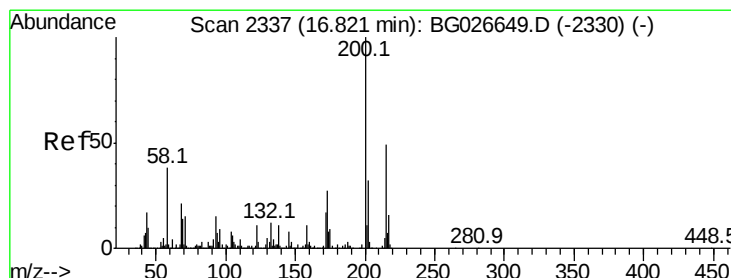
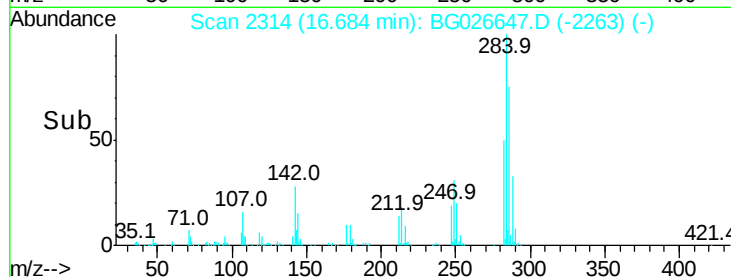
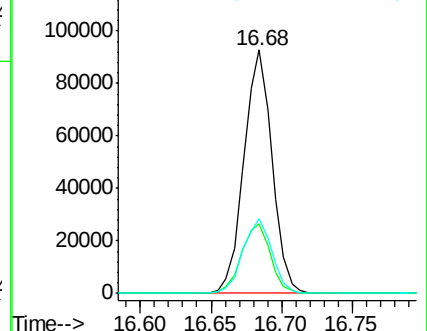
249 30.9 29.2 43.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 10.72 ng

RT: 16.82 min Scan# 2337

Delta R.T. -0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

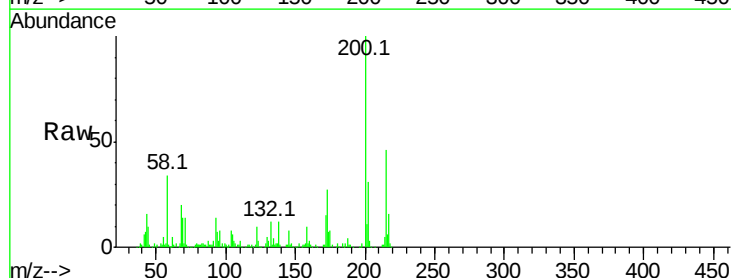
Tgt Ion:200 Resp: 125273

Ion Ratio Lower Upper

200 100

173 26.5 3.0 43.0

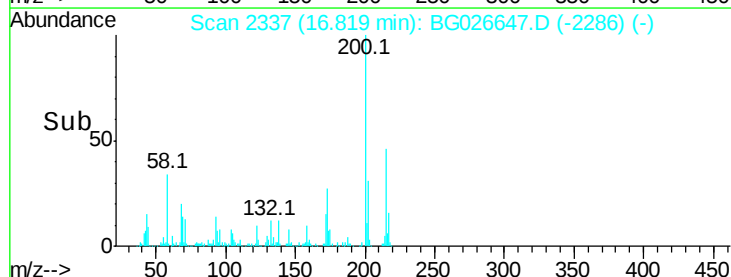
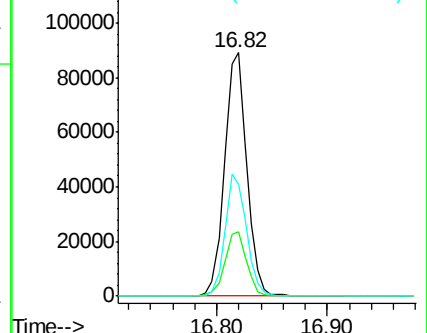
215 46.0 28.4 68.4

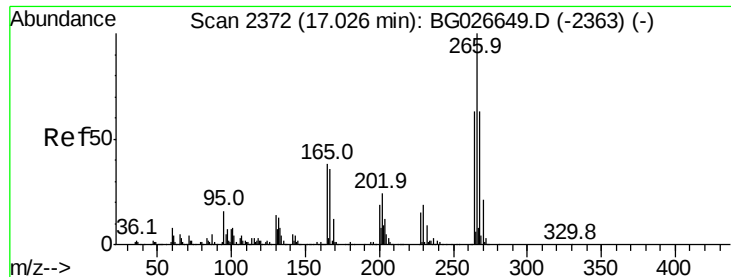


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

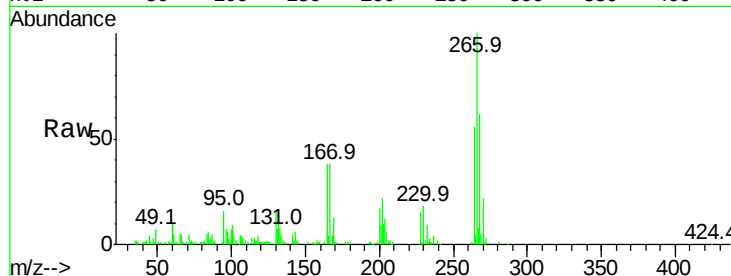




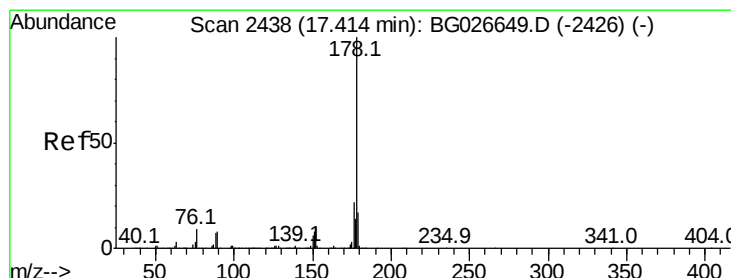
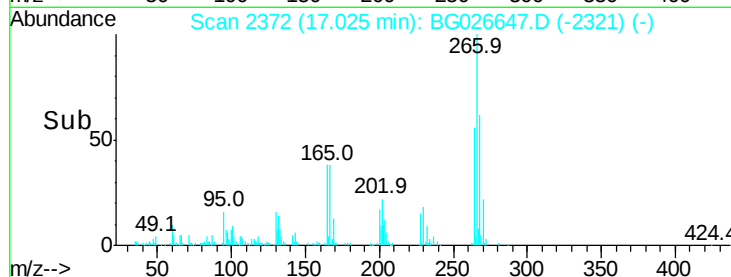
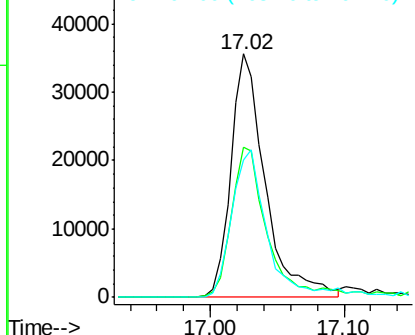
#69  
 Pentachlorophenol  
 Concen: 8.49 ng  
 RT: 17.02 min Scan# 2372  
 Delta R.T. -0.00 min  
 Lab File: BG026647.D  
 Acq: 18 Apr 2017 13:46

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 61.8  | 48.6  | 72.8  |
| 264     | 56.3  | 50.1  | 75.1  |

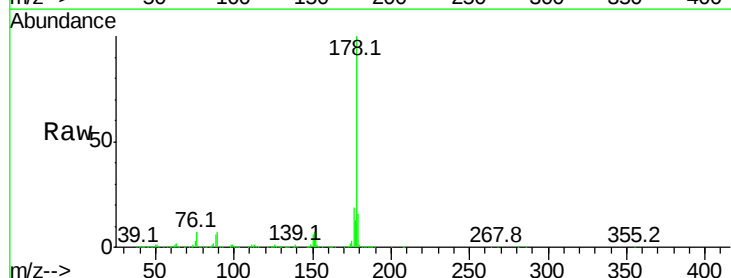


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

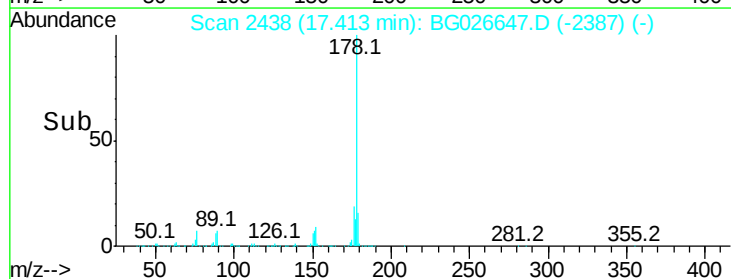
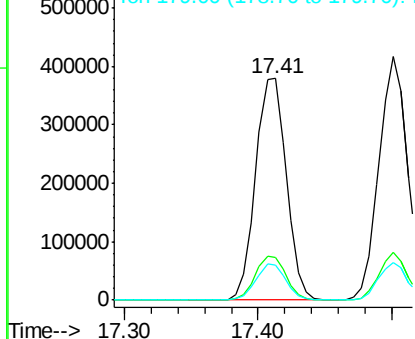


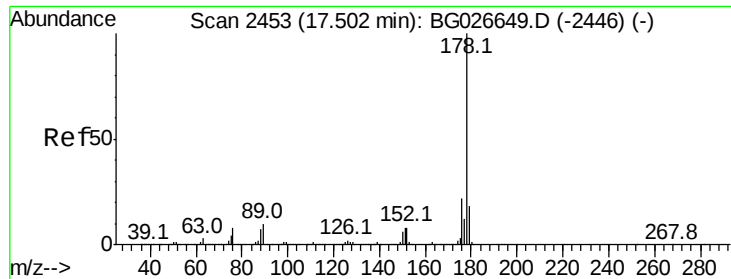
#70  
 Phenanthrene  
 Concen: 10.67 ng  
 RT: 17.41 min Scan# 2438  
 Delta R.T. -0.00 min  
 Lab File: BG026647.D  
 Acq: 18 Apr 2017 13:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.1  | 17.7  | 26.5  |
| 179     | 16.0  | 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

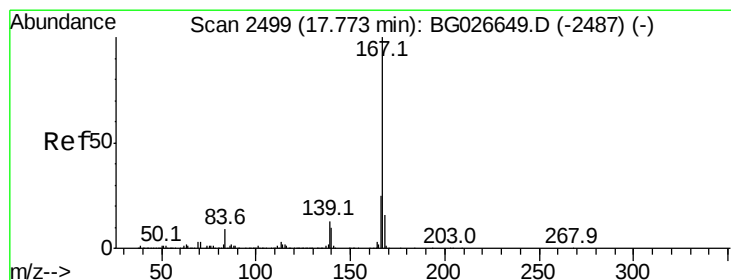
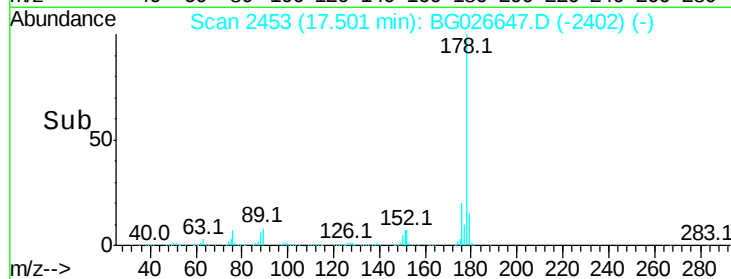
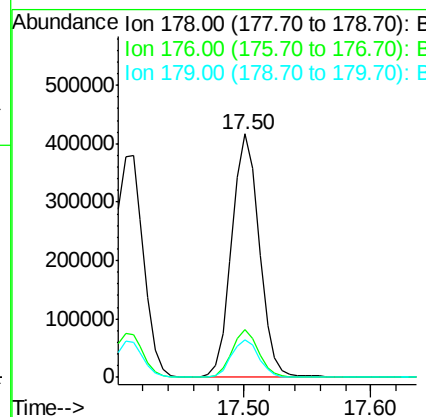
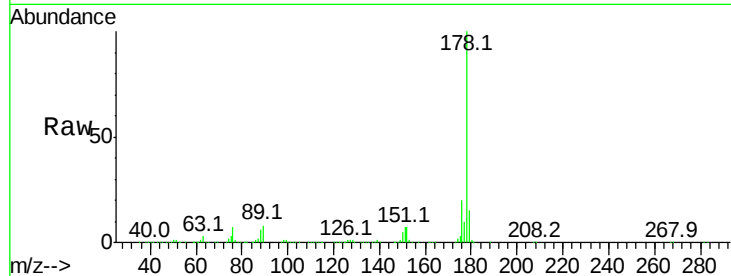




#71  
 Anthracene  
 Concen: 10.81 ng  
 RT: 17.50 min Scan# 2453  
 Delta R.T. -0.00 min  
 Lab File: BG026647.D  
 Acq: 18 Apr 2017 13:46

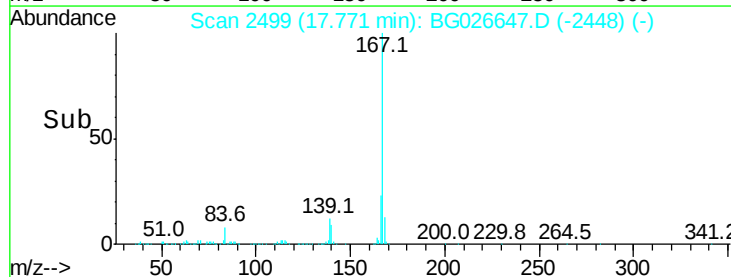
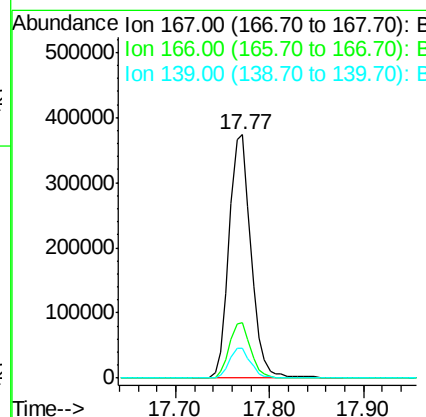
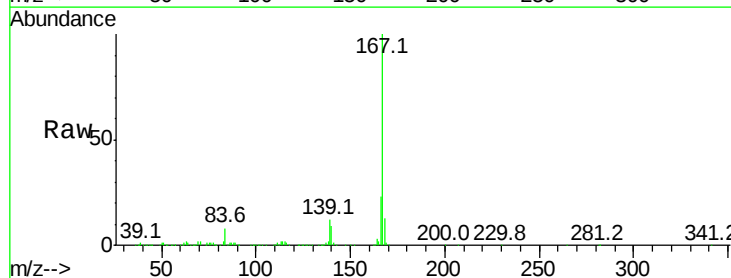
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

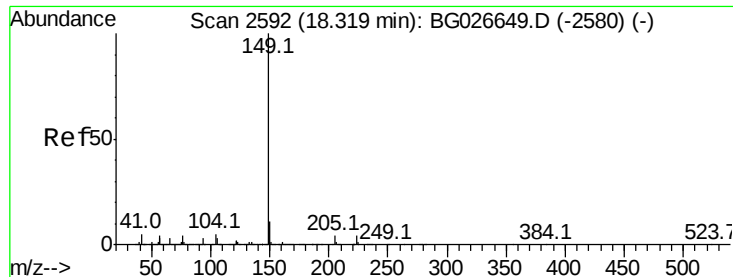
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.8  | 16.4  | 24.6  |
| 179     | 15.4  | 13.8  | 20.8  |



#72  
 Carbazole  
 Concen: 10.23 ng  
 RT: 17.77 min Scan# 2499  
 Delta R.T. -0.00 min  
 Lab File: BG026647.D  
 Acq: 18 Apr 2017 13:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.0  | 20.2  | 30.2  |
| 139     | 12.5  | 12.8  | 19.2# |

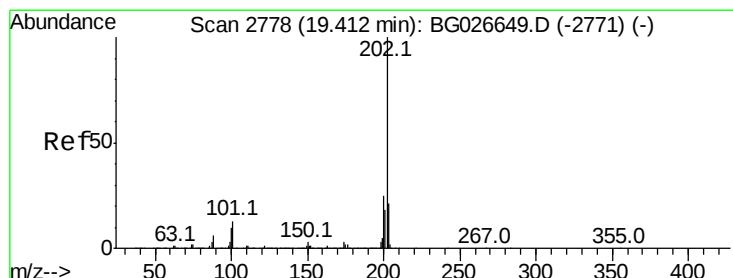
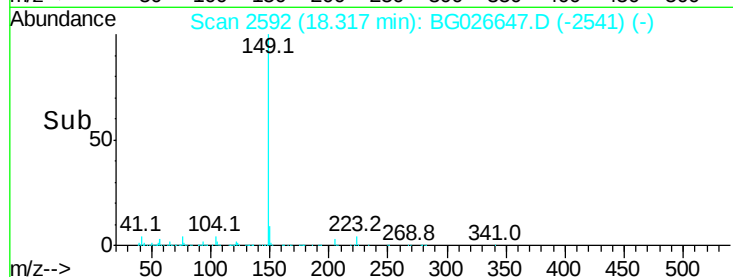
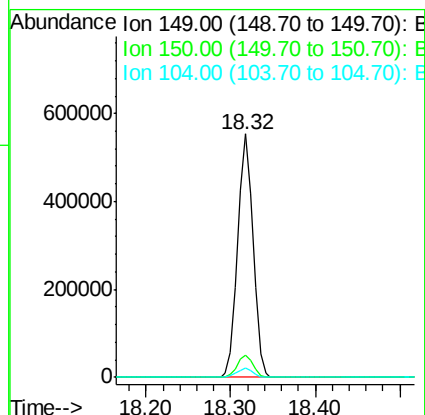
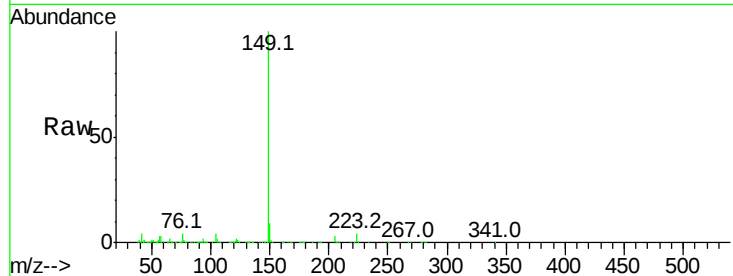




#73  
Di-n-butylphthalate  
Concen: 11.26 ng  
RT: 18.32 min Scan# 2592  
Delta R.T. -0.00 min  
Lab File: BG026647.D  
Acq: 18 Apr 2017 13:46

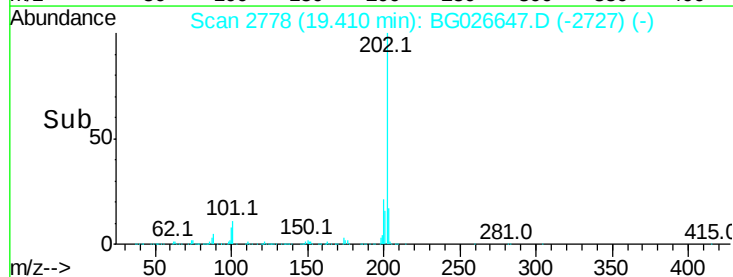
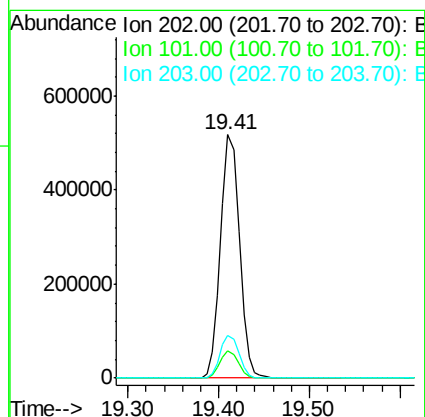
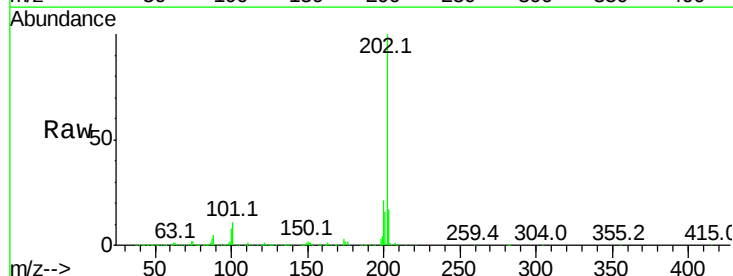
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC010

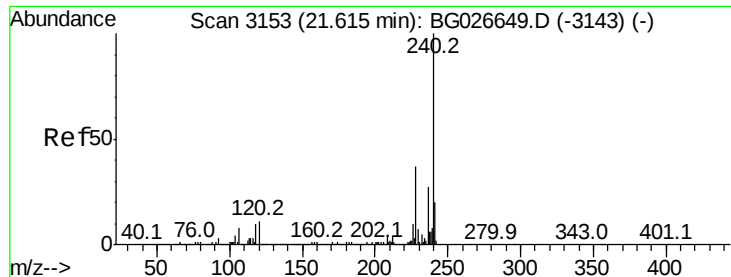
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 8.9   | 9.1   | 13.7# |
| 104     | 3.9   | 6.7   | 10.1# |



#74  
Fluoranthene  
Concen: 11.36 ng  
RT: 19.41 min Scan# 2778  
Delta R.T. -0.00 min  
Lab File: BG026647.D  
Acq: 18 Apr 2017 13:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 11.4  | 0.0   | 30.1  |
| 203     | 17.3  | 1.3   | 41.3  |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

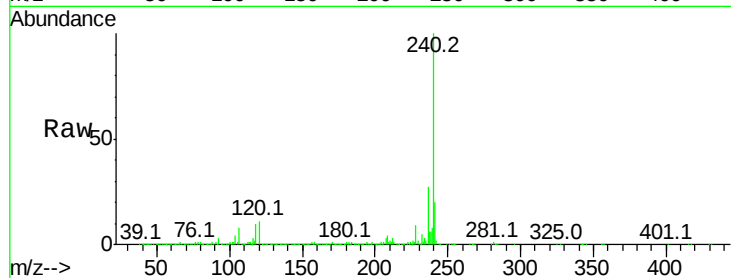
Tot Ion:240 Resp: 1265428

Ion Ratio Lower Upper

240 100

120 11.0 5.7 8.5#

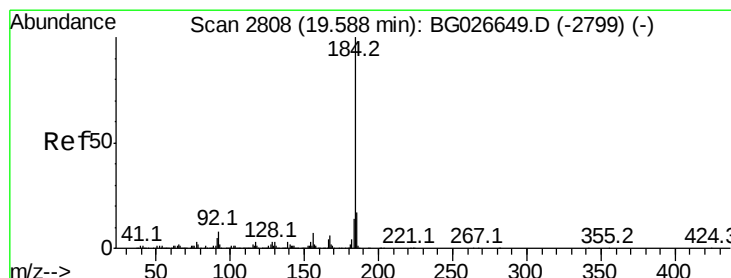
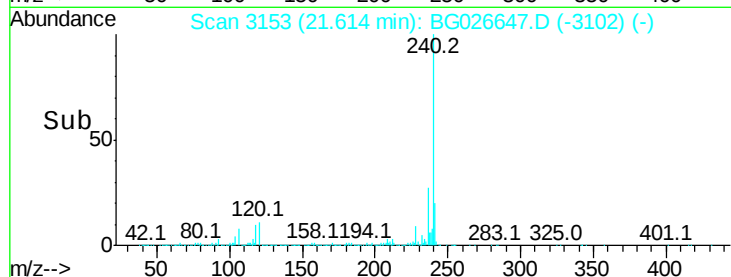
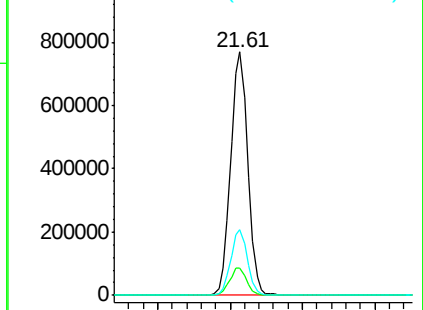
236 27.2 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 3.76 ng

RT: 19.59 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

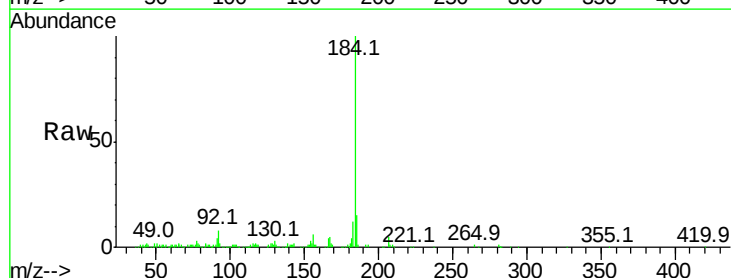
Tgt Ion:184 Resp: 164155

Ion Ratio Lower Upper

184 100

185 15.3 13.0 19.6

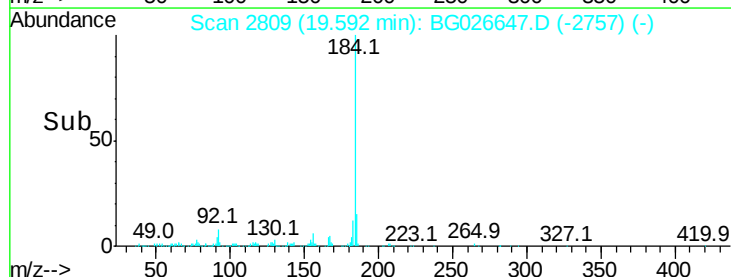
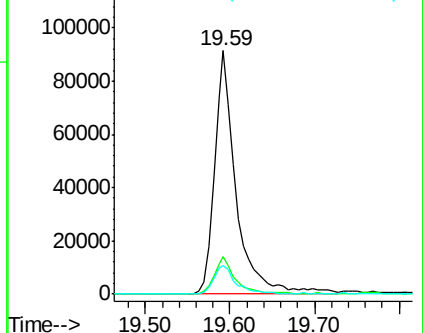
183 12.0 11.0 16.6

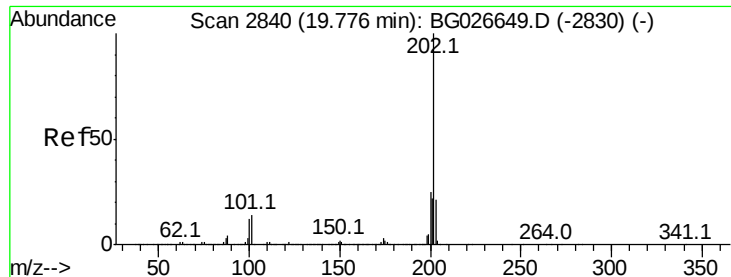


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 10.76 ng

RT: 19.77 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

Instrument :

BNA\_G

ClientSampleId :

SSTDIC010

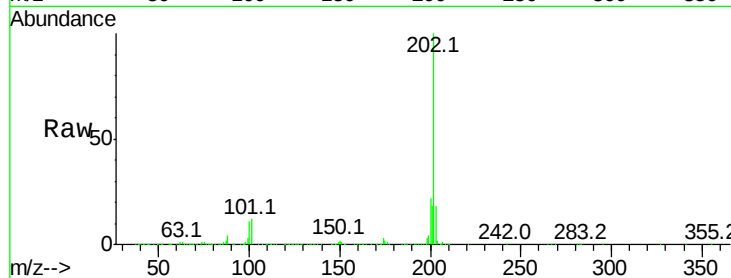
Tot Ion:202 Resp: 788376

Ion Ratio Lower Upper

202 100

200 21.8 19.6 29.4

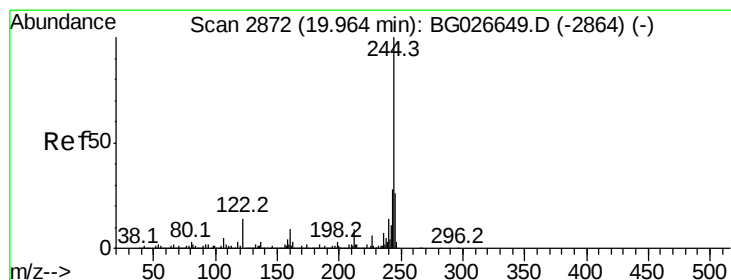
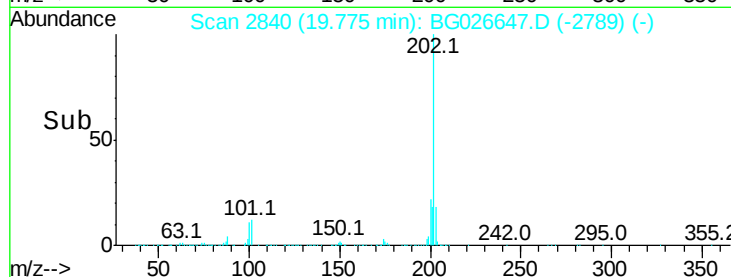
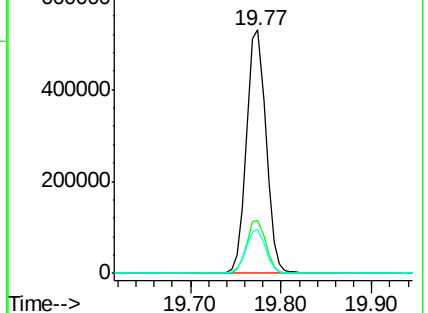
203 18.1 15.8 23.8



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: 19.95 ng

RT: 19.96 min Scan# 2872

Delta R.T. -0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

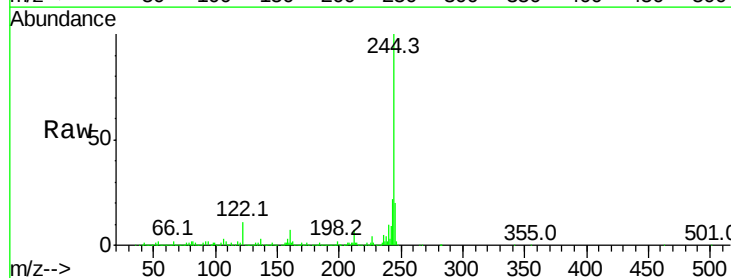
Tgt Ion:244 Resp: 1039343

Ion Ratio Lower Upper

244 100

212 6.9 10.0 15.0#

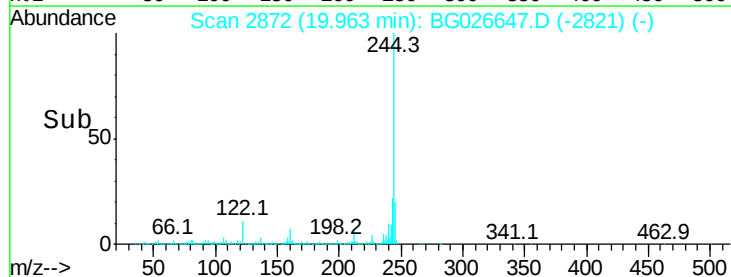
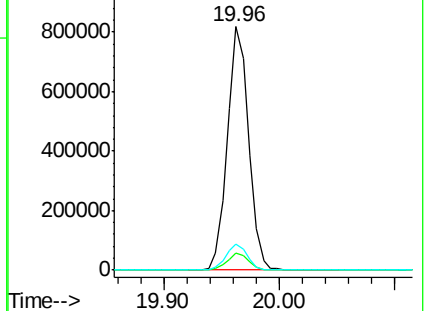
122 10.8 8.6 12.8

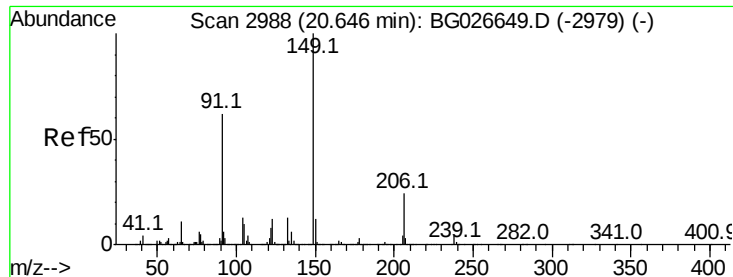


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

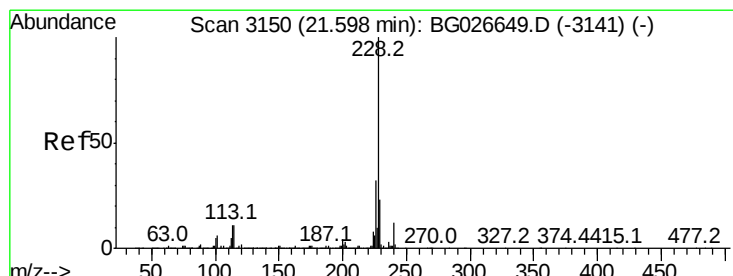
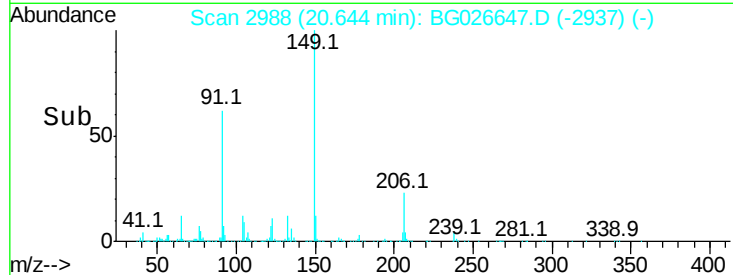
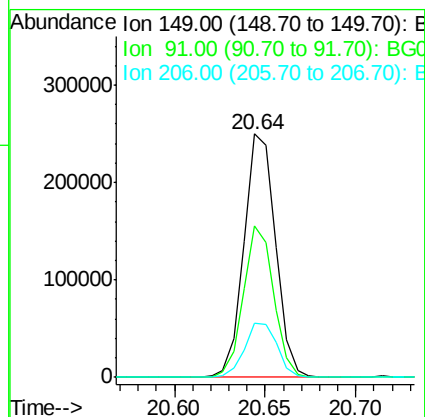
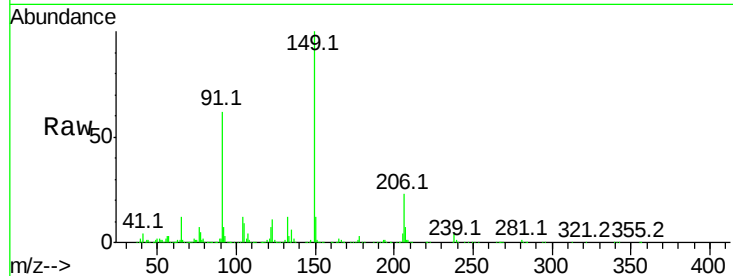




#79  
Butylbenzylphthalate  
Concen: 10.30 ng  
RT: 20.64 min Scan# 2988  
Delta R.T. -0.00 min  
Lab File: BG026647.D  
Acq: 18 Apr 2017 13:46

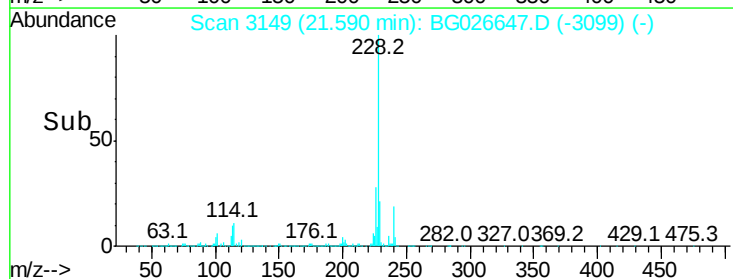
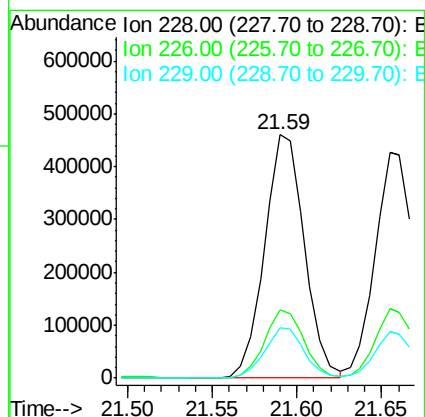
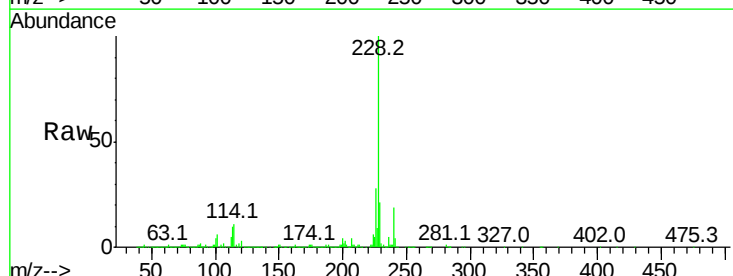
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC010

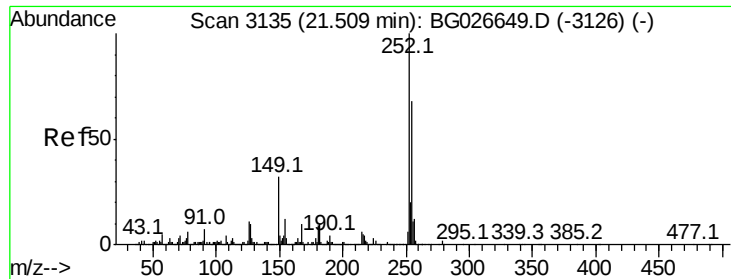
Tot Ion:149 Resp: 302076  
Ion Ratio Lower Upper  
149 100  
91 62.4 63.5 95.3#  
206 22.5 21.0 31.6



#80  
Benzo(a)anthracene  
Concen: 10.56 ng  
RT: 21.59 min Scan# 3149  
Delta R.T. -0.01 min  
Lab File: BG026647.D  
Acq: 18 Apr 2017 13:46

Tgt Ion:228 Resp: 752212  
Ion Ratio Lower Upper  
228 100  
226 27.8 24.9 37.3  
229 20.7 18.2 27.2

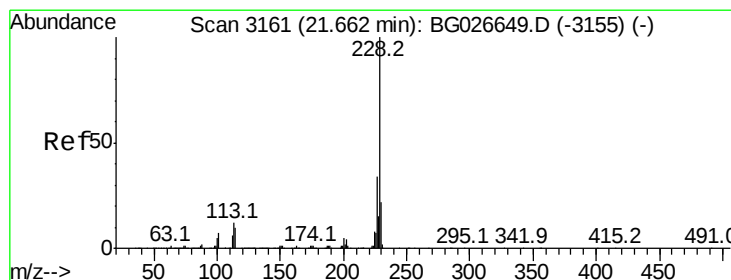
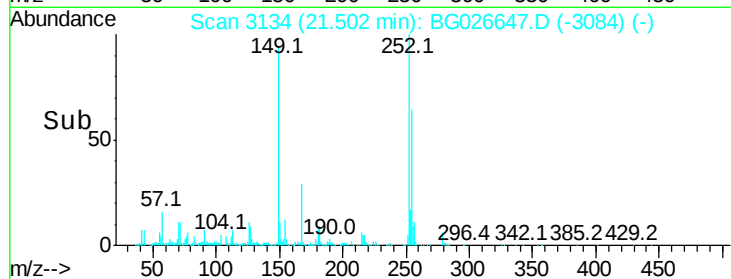
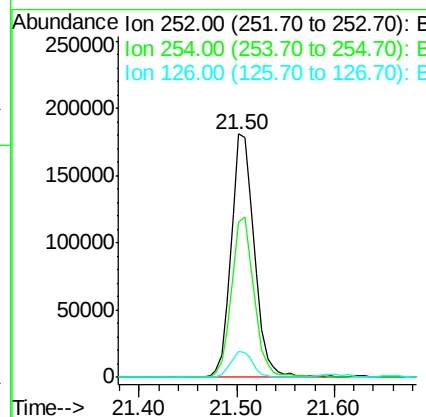
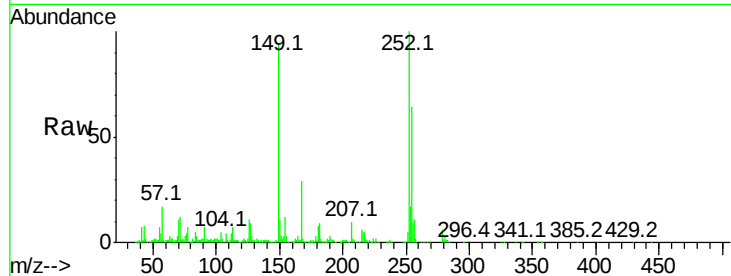




#81  
 3,3'-Dichlorobenzidine  
 Concen: 10.26 ng  
 RT: 21.50 min Scan# 3134  
 Delta R.T. -0.01 min  
 Lab File: BG026647.D  
 Acq: 18 Apr 2017 13:46

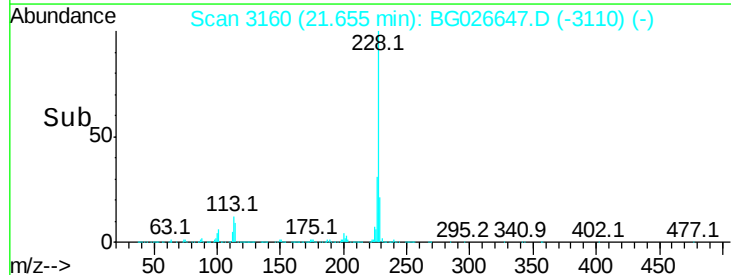
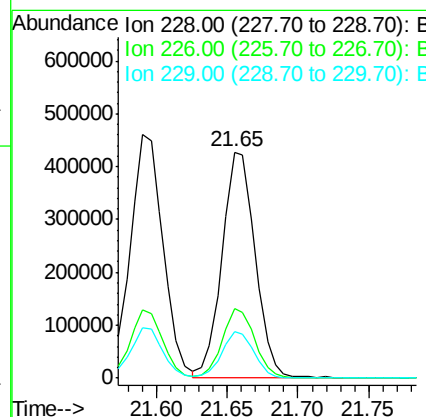
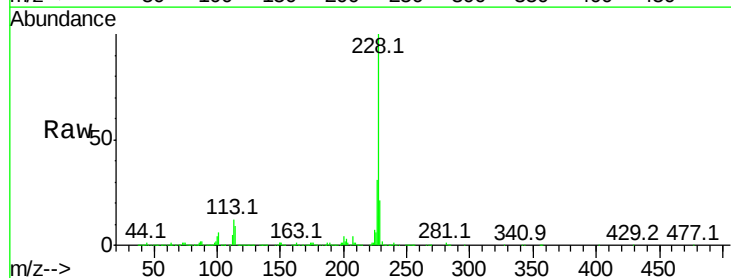
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

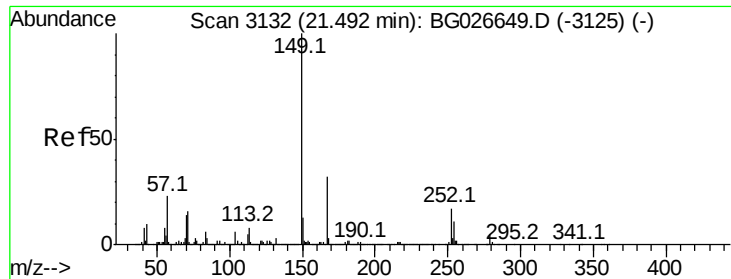
Tot Ion:252 Resp: 298969  
 Ion Ratio Lower Upper  
 252 100  
 254 63.6 53.1 79.7  
 126 10.6 7.0 10.4#



#82  
 Chrysene  
 Concen: 10.19 ng  
 RT: 21.65 min Scan# 3160  
 Delta R.T. -0.01 min  
 Lab File: BG026647.D  
 Acq: 18 Apr 2017 13:46

Tgt Ion:228 Resp: 693369  
 Ion Ratio Lower Upper  
 228 100  
 226 30.8 27.0 40.4  
 229 20.8 17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 10.10 ng

RT: 21.49 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

Instrument :

BNA\_G

ClientSampleId :

SSTDIC010

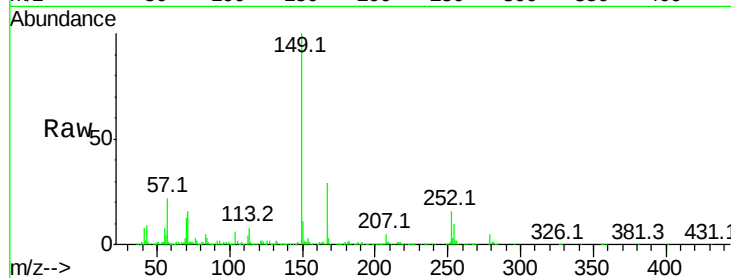
Tot Ion:149 Resp: 447457

Ion Ratio Lower Upper

149 100

167 28.5 23.7 35.5

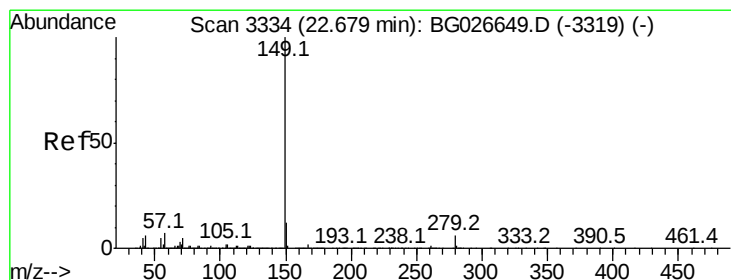
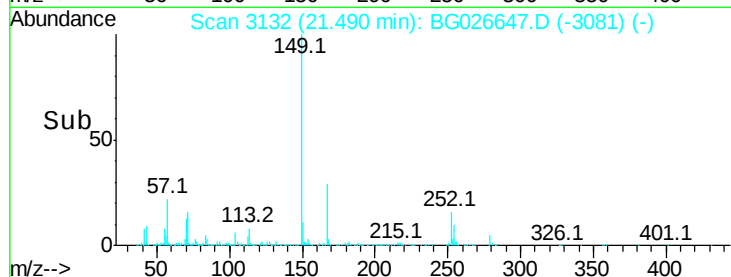
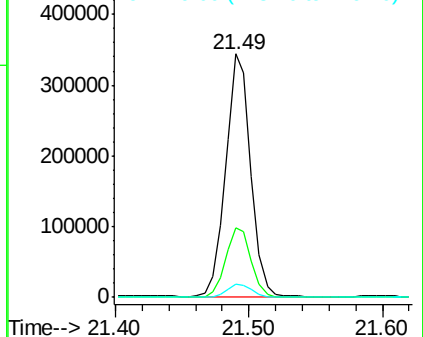
279 5.3 4.6 6.8



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: 10.03 ng

RT: 22.68 min Scan# 3334

Delta R.T. -0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

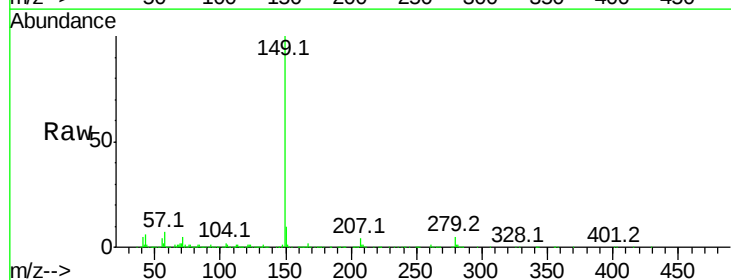
Tgt Ion:149 Resp: 757908

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

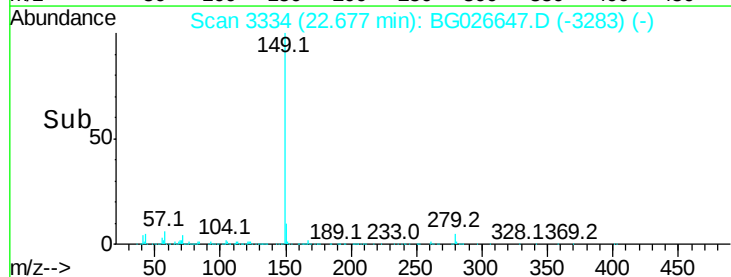
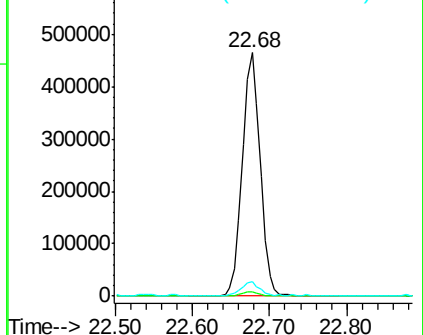
43 5.6 11.8 17.6#

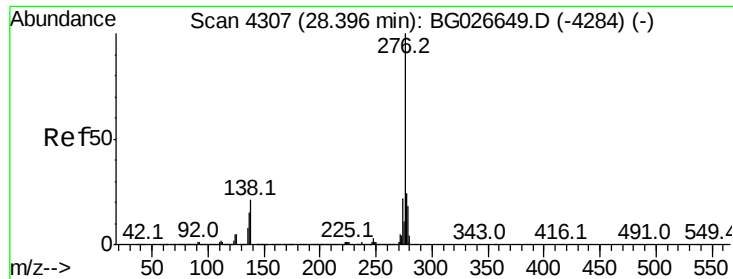


Abundance Ion 149.00 (148.70 to 149.70): E

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: 10.43 ng

RT: 28.38 min Scan# 4304

Delta R.T. -0.02 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

Instrument :

BNA\_G

ClientSampleId :

SSTDIC010

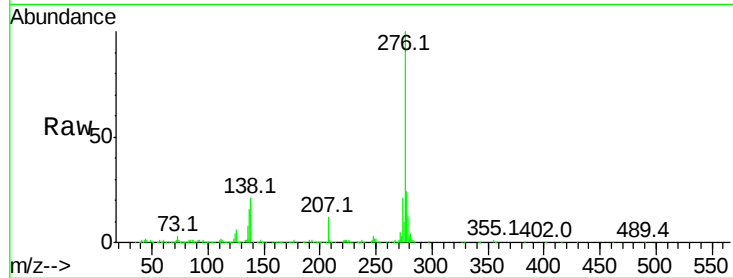
Tot Ion:276 Resp: 875996

Ion Ratio Lower Upper

276 100

138 10.8 4.7 7.1#

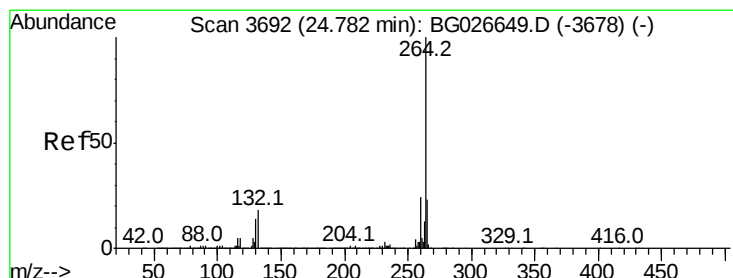
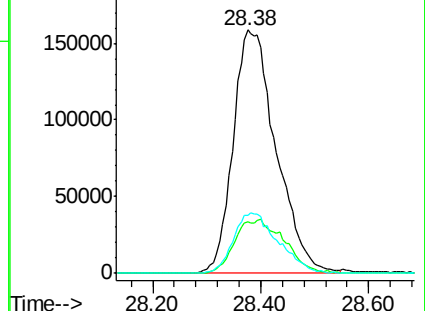
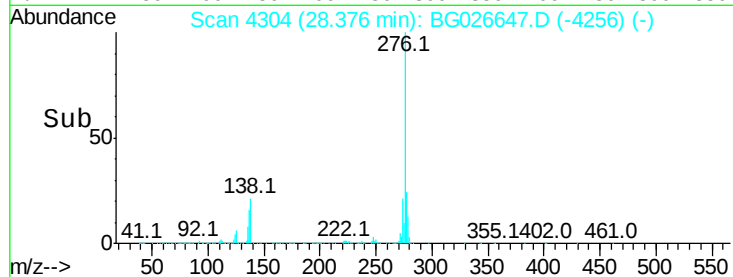
277 25.9 20.6 31.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.78 min Scan# 3692

Delta R.T. -0.00 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

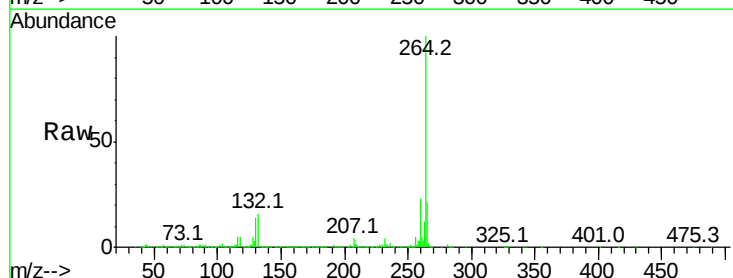
Tgt Ion:264 Resp: 1256688

Ion Ratio Lower Upper

264 100

260 23.4 21.8 32.8

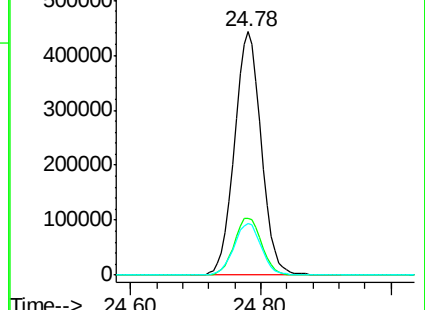
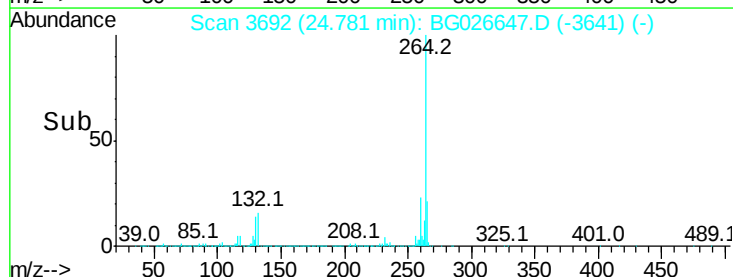
265 21.4 18.2 27.4

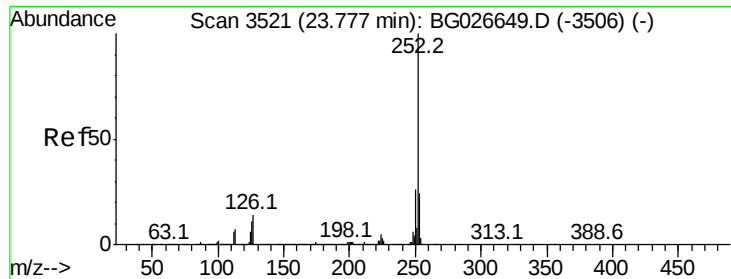


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 10.33 ng

RT: 23.77 min Scan# 3520

Delta R.T. -0.01 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

Instrument :

BNA\_G

ClientSampleId :

SSTDIC010

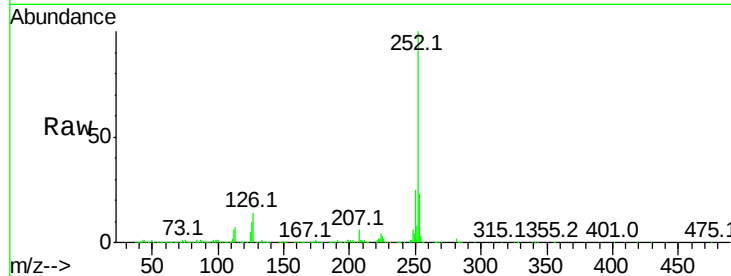
Tot Ion:252 Resp: 764965

Ion Ratio Lower Upper

252 100

253 22.8 18.7 28.1

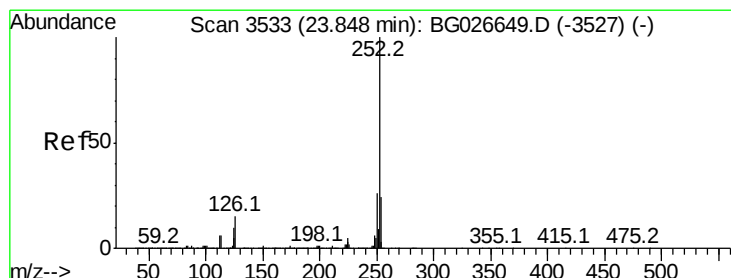
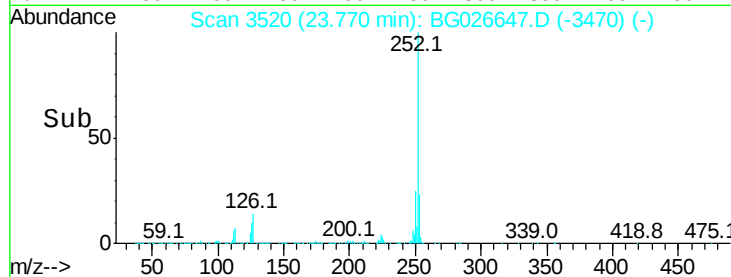
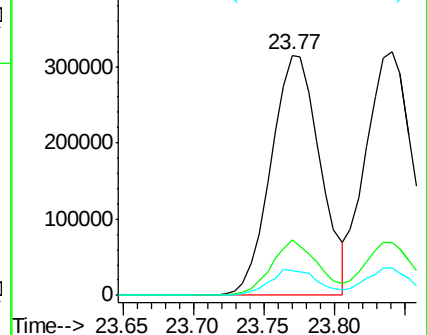
125 10.4 5.3 7.9#



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: 10.53 ng

RT: 23.84 min Scan# 3532

Delta R.T. -0.01 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

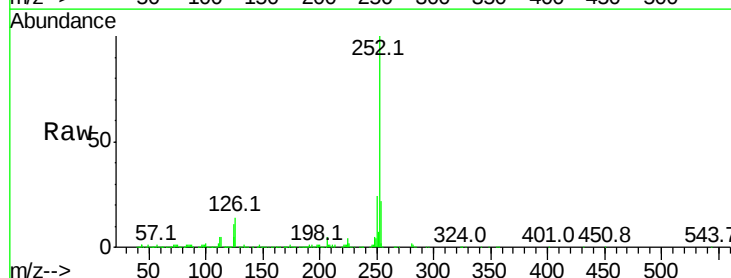
Tgt Ion:252 Resp: 756564

Ion Ratio Lower Upper

252 100

253 21.9 20.2 30.2

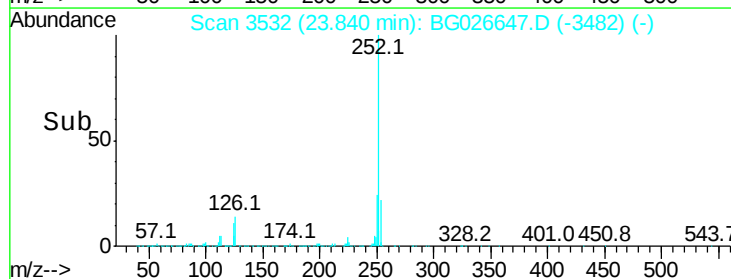
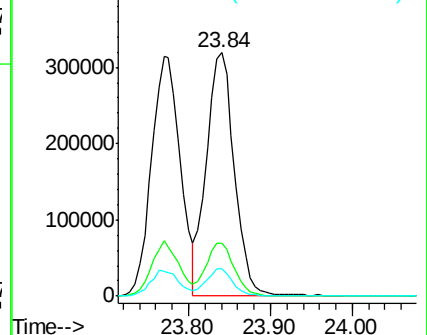
125 11.0 5.1 7.7#

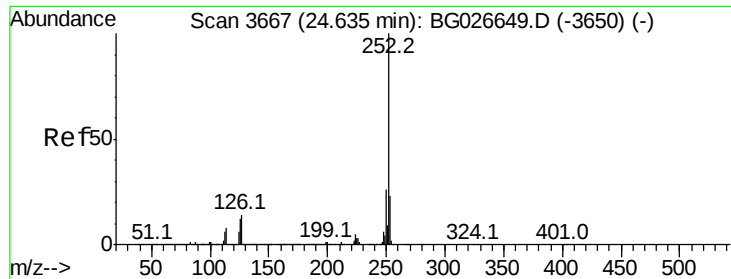


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 10.20 ng

RT: 24.63 min Scan# 3666

Delta R.T. -0.01 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

Instrument :

BNA\_G

ClientSampleId :

SSTDIC010

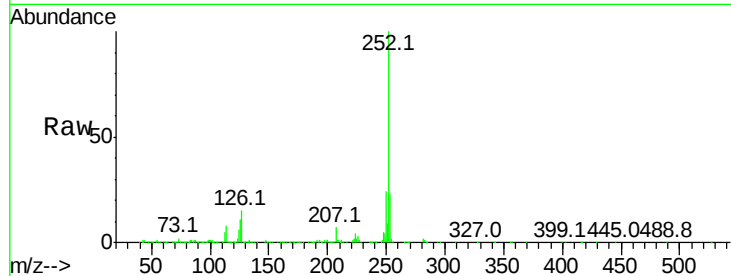
Tot Ion:252 Resp: 724595

Ion Ratio Lower Upper

252 100

253 22.9 19.2 28.8

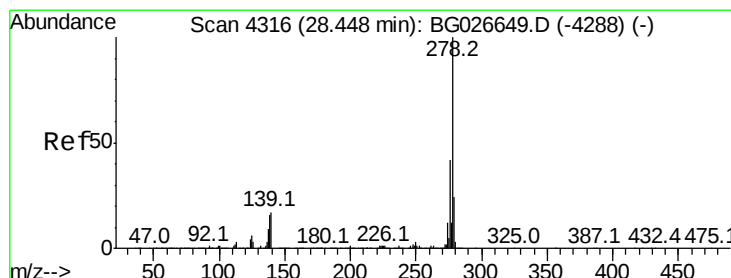
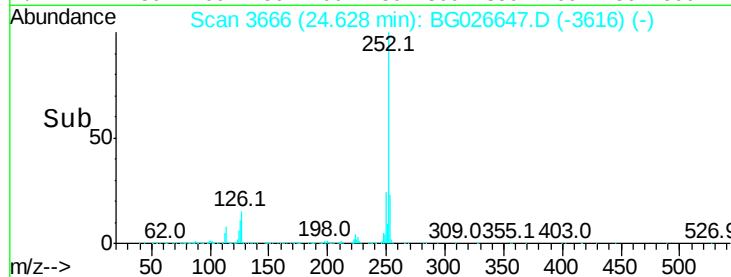
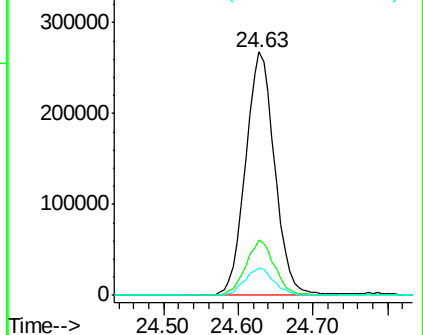
125 11.4 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 10.29 ng

RT: 28.44 min Scan# 4314

Delta R.T. -0.01 min

Lab File: BG026647.D

Acq: 18 Apr 2017 13:46

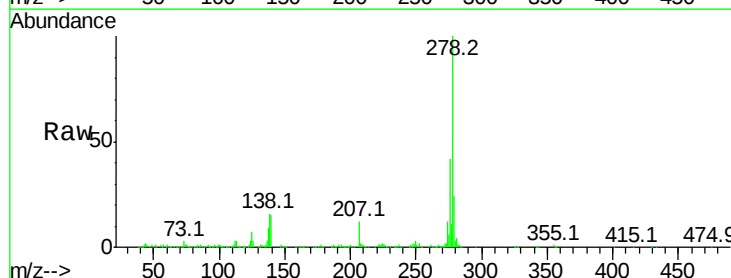
Tgt Ion:278 Resp: 738717

Ion Ratio Lower Upper

278 100

139 15.3 7.7 11.5#

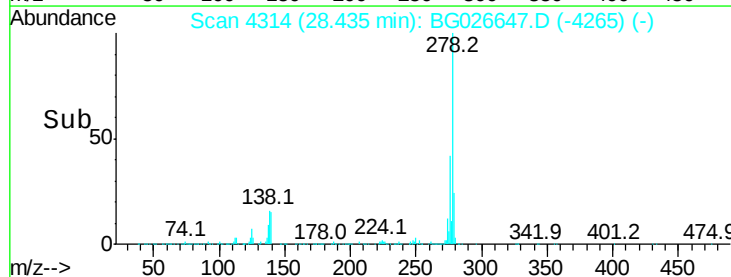
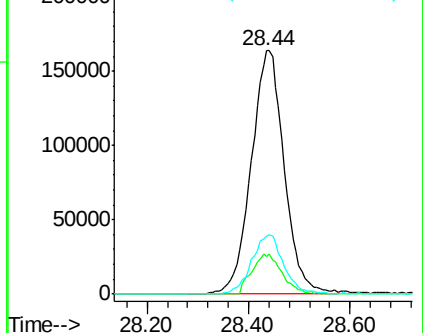
279 24.0 19.1 28.7

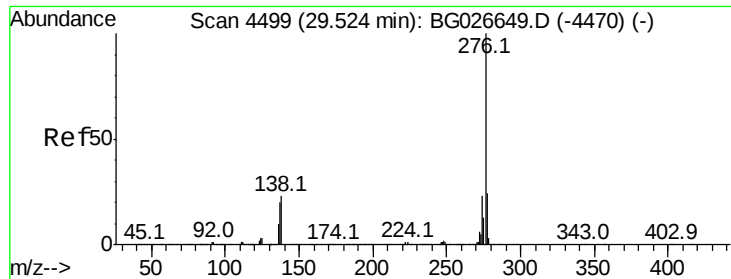


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91  
 Benzo(a,h,i)perylene  
 Concen: 10.01 ng  
 RT: 29.51 min Scan# 4497  
 Delta R.T. -0.01 min  
 Lab File: BG026647.D  
 Acq: 18 Apr 2017 13:46

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.3  | 18.6  | 27.8  |
| 138     | 22.0  | 8.1   | 12.1  |

