

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051617\  
 Data File : BG026999.D  
 Acq On : 17 May 2017 4:46  
 Operator : SJ/MA  
 Sample : SSTDC0020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: May 17 05:21:52 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed May 17 05:12:59 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.01  | 152  | 165678   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.80 | 136  | 793401   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.61 | 164  | 434292   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.35 | 188  | 828113   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.59 | 240  | 751709   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 24.76 | 264  | 745083   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.42  | 96  | 28291  | 7.69  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.18  | 99  | 333510 | 22.56 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.32  | 67  | 184199 | 21.18 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.54  | 132 | 267411 | 21.31 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.72  | 113 | 270384 | 22.03 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.16  | 128 | 133911 | 20.19 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.89  | 143 | 154121 | 21.37 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.43 | 165 | 250892 | 21.89 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.94 | 131 | 338526 | 22.07 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.02 | 166 | 693463 | 19.84 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.31 | 160 | 924727 | 21.06 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.83 | 143 | 100602 | 15.97 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.60 | 176 | 607506 | 19.91 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.73 | 200 | 85063  | 16.92 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.45 | 188 | 823539 | 20.49 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.73 | 212 | 782922 | 19.73 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.54 | 264 | 753087 | 21.38 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       | Ovalue |    |
|--------------------------------|-------|-----|--------|-------|--------|----|
| 2) 1,4-Dioxane                 | 3.46  | 88  | 32744  | 7.80  | ng/uL# | 84 |
| 4) Benzaldehyde                | 7.14  | 77  | 151589 | 21.21 | ng/ul# | 69 |
| 6) Phenol                      | 7.21  | 94  | 344818 | 23.01 | ng/ul# | 73 |
| 8) Bis(2-Chloroethyl)ether     | 7.42  | 93  | 239163 | 20.67 | ng/ul  | 93 |
| 10) 2-Chlorophenol             | 7.58  | 128 | 259906 | 21.04 | ng/ul# | 79 |
| 11) 2-Methylphenol             | 8.45  | 108 | 261076 | 22.01 | ng/ul  | 94 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.53  | 45  | 273072 | 22.62 | ng/ul# | 87 |
| 14) Acetophenone               | 8.82  | 105 | 383491 | 21.28 | ng/ul# | 72 |
| 15) N-Nitroso-di-n-propylamine | 8.80  | 70  | 182305 | 20.50 | ng/ul# | 70 |
| 16) 4-Methylphenol             | 8.78  | 108 | 291401 | 22.46 | ng/ul  | 98 |
| 17) Hexachloroethane           | 9.08  | 117 | 93035  | 20.03 | ng/ul# | 68 |
| 20) Nitrobenzene               | 9.20  | 77  | 270264 | 21.12 | ng/ul# | 76 |
| 21) Isophorone                 | 9.72  | 82  | 501157 | 20.40 | ng/ul# | 91 |
| 24) 2,4-Dimethylphenol         | 9.98  | 107 | 293241 | 21.21 | ng/ul# | 79 |
| 25) Bis(2-Chloroethoxy)methane | 10.20 | 93  | 339976 | 20.26 | ng/ul# | 91 |
| 27) 2,4-Dichlorophenol         | 10.46 | 162 | 245875 | 21.51 | ng/ul  | 94 |
| 28) Naphthalene                | 10.85 | 128 | 853064 | 20.65 | ng/ul  | 99 |
| 30) 4-Chloroaniline            | 10.96 | 127 | 311246 | 21.51 | ng/ul  | 93 |
| 31) Hexachlorobutadiene        | 11.14 | 225 | 115925 | 20.05 | ng/ul  | 91 |
| 32) Caprolactam                | 11.71 | 113 | 89770  | 21.02 | ng/ul# | 60 |
| 33) 4-Chloro-3-methylphenol    | 12.09 | 107 | 283326 | 22.86 | ng/ul# | 83 |
| 34) 2-Methylnaphthalene        | 12.45 | 142 | 625232 | 20.40 | ng/ul  | 94 |
| 36) 1,2,4,5-Tetrachlorobenzene | 12.82 | 216 | 238791 | 20.85 | ng/ul  | 97 |

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051617\  
 Data File : BG026999.D  
 Acq On : 17 May 2017 4:46  
 Operator : SJ/MA  
 Sample : SSTDC0020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

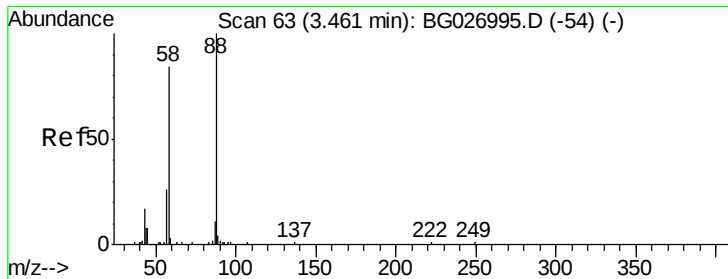
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: May 17 05:21:52 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed May 17 05:12:59 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 37) Hexachlorocyclopentadiene  | 12.80 | 237  | 29933    | 5.93  | ng/ul# | 97       |
| 38) 2,4,6-Trichlorophenol      | 13.06 | 196  | 169353   | 21.50 | ng/ul  | 97       |
| 39) 2,4,5-Trichlorophenol      | 13.15 | 196  | 170270   | 20.91 | ng/ul  | 95       |
| 40) 1,1'-Biphenyl              | 13.45 | 154  | 755680   | 20.70 | ng/ul  | 97       |
| 41) 2-Chloronaphthalene        | 13.50 | 162  | 575933   | 20.99 | ng/ul  | 97       |
| 42) 2-Nitroaniline             | 13.70 | 65   | 177775   | 22.67 | ng/ul# | 74       |
| 44) Dimethylphthalate          | 14.06 | 163  | 689542   | 20.15 | ng/ul  | 98       |
| 45) 2,6-Dinitrotoluene         | 14.19 | 165  | 150728   | 20.87 | ng/ul# | 81       |
| 47) Acenaphthylene             | 14.34 | 152  | 932189   | 20.84 | ng/ul  | 99       |
| 48) 3-Nitroaniline             | 14.52 | 138  | 167341   | 22.02 | ng/ul# | 75       |
| 49) Acenaphthene               | 14.68 | 153  | 637808   | 20.50 | ng/ul  | 97       |
| 50) 2,4-Dinitrophenol          | 14.74 | 184  | 42531    | 11.52 | ng/ul# | 79       |
| 52) 4-Nitrophenol              | 14.85 | 109  | 60909    | 16.48 | ng/ul# | 31       |
| 53) Dibenzofuran               | 15.01 | 168  | 841003   | 20.31 | ng/ul  | 96       |
| 54) 2,4-Dinitrotoluene         | 14.98 | 165  | 208026   | 20.13 | ng/ul# | 78       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.24 | 232  | 122584   | 19.16 | ng/ul# | 78       |
| 56) Diethylphthalate           | 15.42 | 149  | 725221   | 20.25 | ng/ul  | 99       |
| 58) Fluorene                   | 15.66 | 166  | 679342   | 20.10 | ng/ul  | 99       |
| 59) 4-Chlorophenyl-phenylether | 15.64 | 204  | 295604   | 20.06 | ng/ul  | 94       |
| 60) 4-Nitroaniline             | 15.68 | 138  | 164137   | 19.59 | ng/ul# | 49       |
| 63) 4,6-Dinitro-2-methylphenol | 15.75 | 198  | 89894    | 17.16 | ng/ul# | 89       |
| 64) N-Nitrosodiphenylamine     | 15.86 | 169  | 570988   | 20.98 | ng/ul  | 97       |
| 65) 4-Bromophenyl-phenylether  | 16.54 | 248  | 170378   | 20.62 | ng/ul# | 79       |
| 66) Hexachlorobenzene          | 16.67 | 284  | 179819   | 20.21 | ng/ul# | 85       |
| 67) Atrazine                   | 16.80 | 200  | 175793   | 20.67 | ng/ul# | 91       |
| 68) Pentachlorophenol          | 17.01 | 266  | 71980    | 17.71 | ng/ul  | 91       |
| 69) Phenanthrene               | 17.39 | 178  | 937441   | 20.09 | ng/ul  | 98       |
| 71) Anthracene                 | 17.48 | 178  | 984577   | 20.57 | ng/ul  | 99       |
| 72) Carbazole                  | 17.75 | 167  | 904430   | 22.35 | ng/ul  | 98       |
| 73) Di-n-butylphthalate        | 18.30 | 149  | 1147561  | 21.80 | ng/ul# | 97       |
| 74) Fluoranthene               | 19.40 | 202  | 978016   | 22.58 | ng/ul# | 78       |
| 77) Pyrene                     | 19.76 | 202  | 1004916  | 19.93 | ng/ul# | 78       |
| 78) Butylbenzylphthalate       | 20.63 | 149  | 524378   | 22.39 | ng/ul# | 85       |
| 79) 3,3'-Dichlorobenzidine     | 21.49 | 252  | 317041   | 21.94 | ng/ul# | 95       |
| 80) Benzo(a)anthracene         | 21.58 | 228  | 903150   | 20.54 | ng/ul  | 99       |
| 81) Bis(2-ethylhexyl)phthalate | 21.47 | 149  | 753474   | 22.54 | ng/ul# | 98       |
| 82) Chrysene                   | 21.64 | 228  | 826397   | 20.23 | ng/ul  | 97       |
| 84) Di-n-octyl phthalate       | 22.65 | 149  | 1299123  | 25.37 | ng/ul  | 100      |
| 85) Benzo(b)fluoranthene       | 23.76 | 252  | 897998   | 21.09 | ng/ul# | 92       |
| 86) Benzo(k)fluoranthene       | 23.82 | 252  | 901854   | 21.56 | ng/ul# | 90       |
| 88) Benzo(a)pyrene             | 24.60 | 252  | 891085   | 21.27 | ng/ul# | 92       |
| 89) Indeno(1,2,3-cd)pyrene     | 28.36 | 276  | 316308   | 6.37  | ng/ul# | 82       |
| 90) Dibenzo(a,h)anthracene     | 28.41 | 278  | 737138   | 17.50 | ng/ul# | 87       |
| 91) Benzo(g,h,i)perylene       | 29.49 | 276  | 609471   | 14.79 | ng/ul# | 80       |

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





#2

1,4-Dioxane

Concen: 7.80 ng/uL

RT: 3.46 min Scan# 63

Delta R.T. -0.00 min

Lab File: BG026999.D

Acq: 17 May 2017 4:46

Instrument :

BNA\_G

ClientSampled :

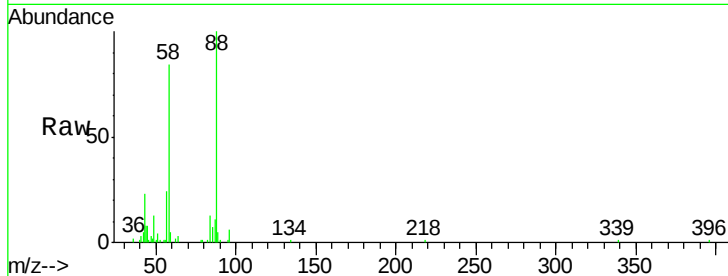
Tot Ion: 88 Resp: 32744

Ion Ratio Lower Upper

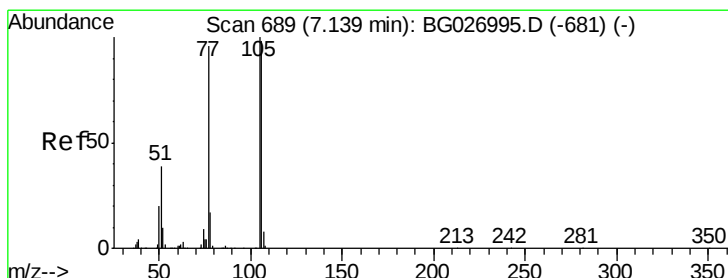
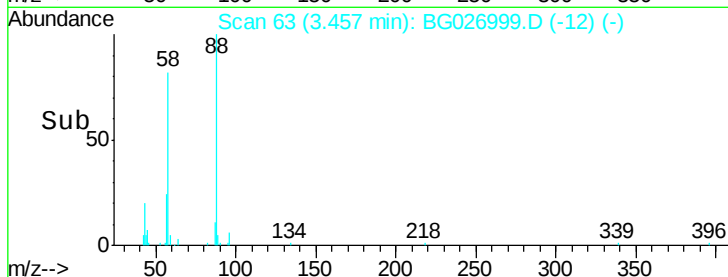
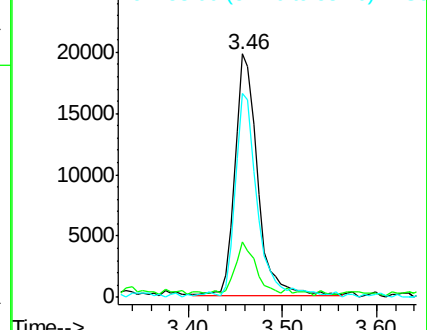
88 100

43 22.6 39.2 58.8#

58 83.7 69.4 104.0



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



#4

Benzaldehyde

Concen: 21.21 ng/uL

RT: 7.14 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG026999.D

Acq: 17 May 2017 4:46

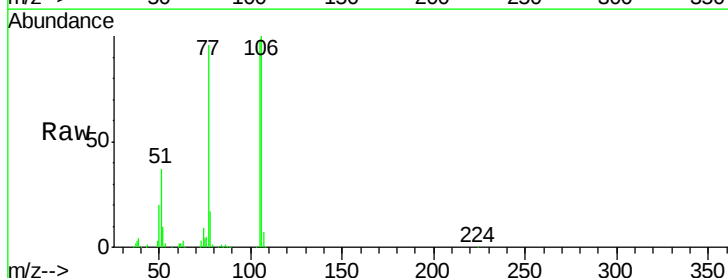
Tgt Ion: 77 Resp: 151589

Ion Ratio Lower Upper

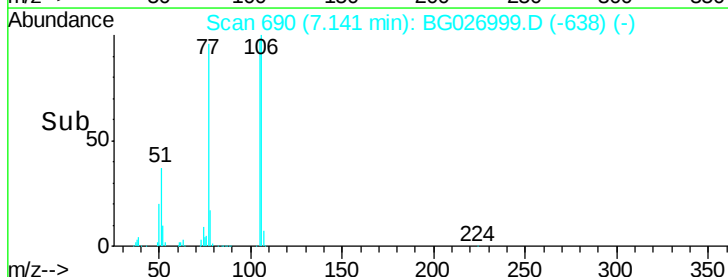
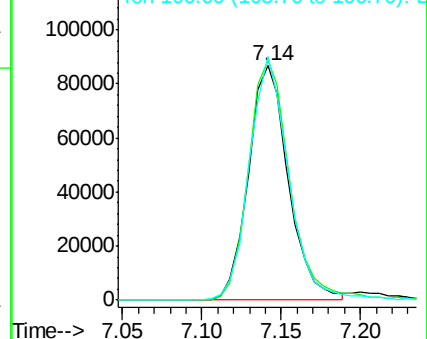
77 100

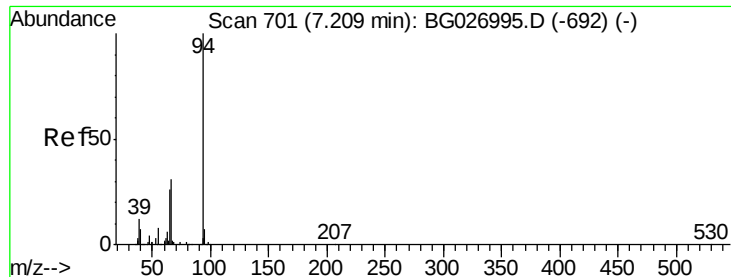
105 102.3 62.0 93.0#

106 104.0 60.2 90.4#



Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 106.00 (105.70 to 106.70): BGC





#6

Phenol

Concen: 23.01 ng/ul

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG026999.D

Acq: 17 May 2017 4:46

Instrument :

BNA\_G

ClientSampleId :

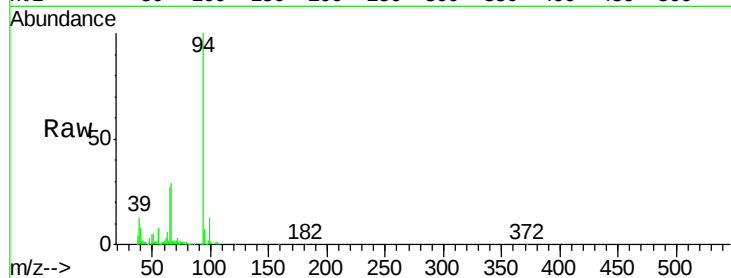
Tot Ion: 94 Resp: 344818

Ion Ratio Lower Upper

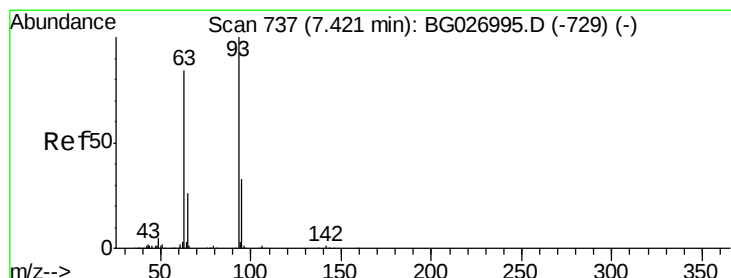
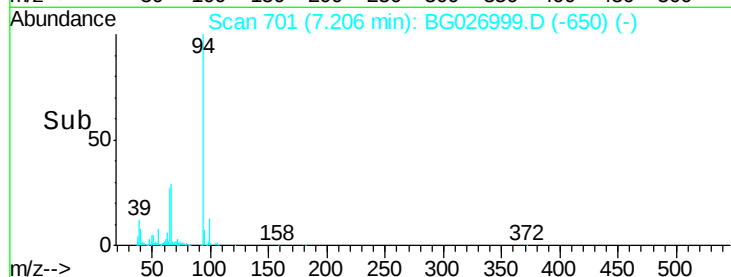
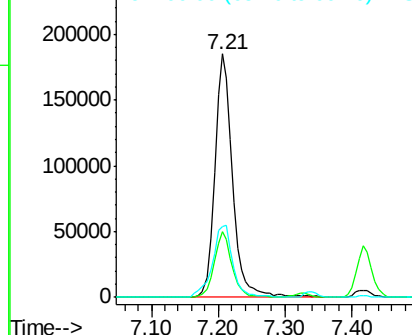
94 100

65 26.9 26.8 40.2

66 29.2 44.4 66.6#



Abundance Ion 94.00 (93.70 to 94.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC



#8

Bis(2-Chloroethyl)ether

Concen: 20.67 ng/ul

RT: 7.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG026999.D

Acq: 17 May 2017 4:46

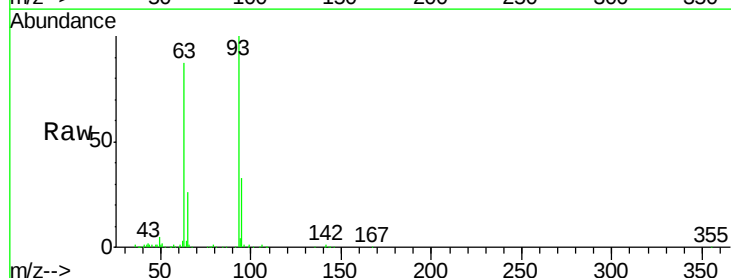
Tgt Ion: 93 Resp: 239163

Ion Ratio Lower Upper

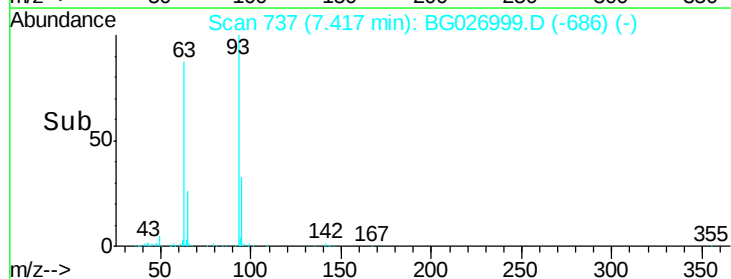
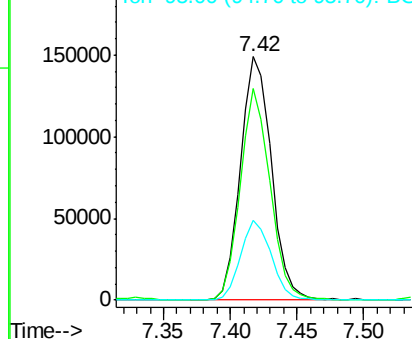
93 100

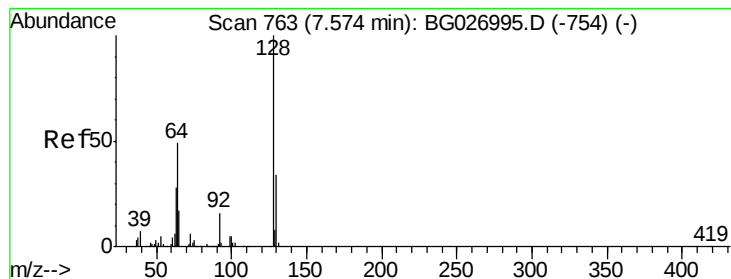
63 87.0 75.5 113.3

95 32.7 29.2 43.8



Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC





#10

2-Chlorophenol

Concen: 21.04 ng/ul

RT: 7.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BG026999.D

Acq: 17 May 2017 4:46

Instrument :

BNA\_G

ClientSampleId :

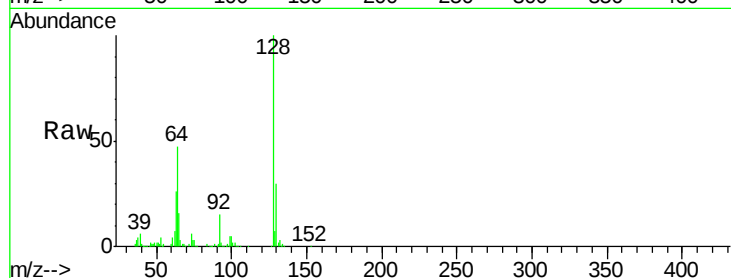
Tot Ion:128 Resp: 259906

Ion Ratio Lower Upper

128 100

64 46.8 56.3 84.5#

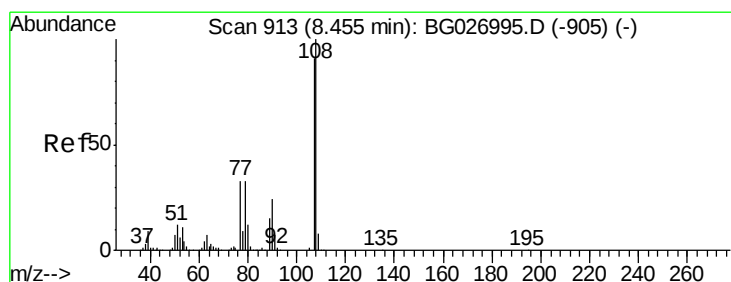
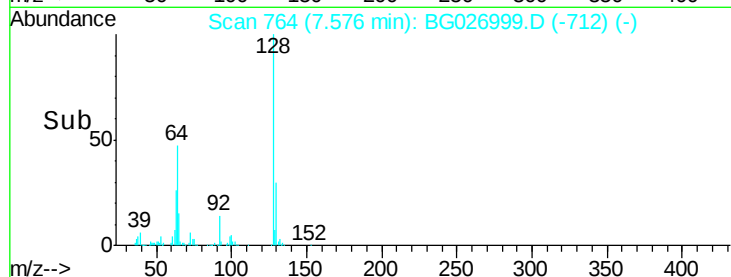
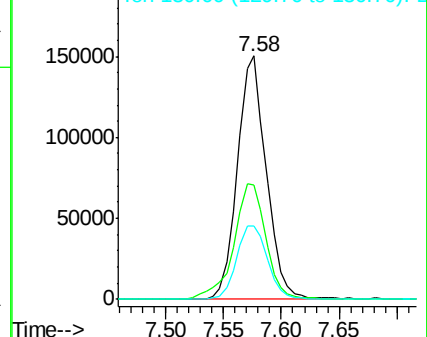
130 30.2 26.7 40.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 22.01 ng/ul

RT: 8.45 min Scan# 913

Delta R.T. -0.00 min

Lab File: BG026999.D

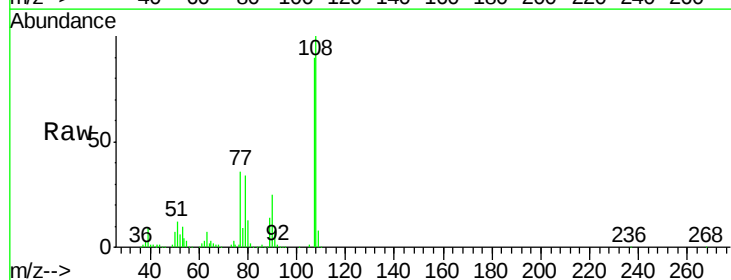
Acq: 17 May 2017 4:46

Tgt Ion:108 Resp: 261076

Ion Ratio Lower Upper

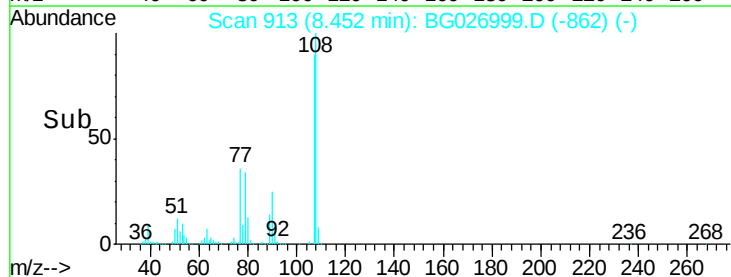
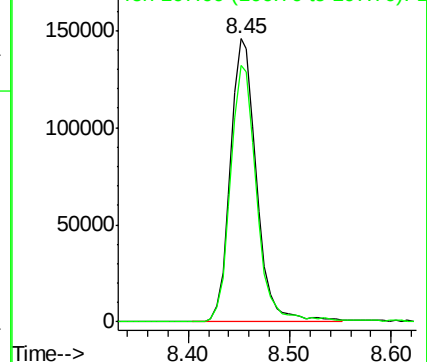
108 100

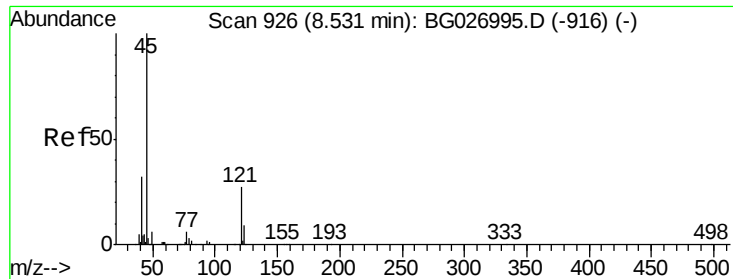
107 90.5 76.7 115.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

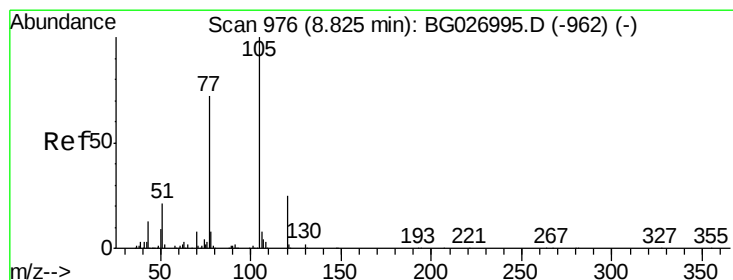
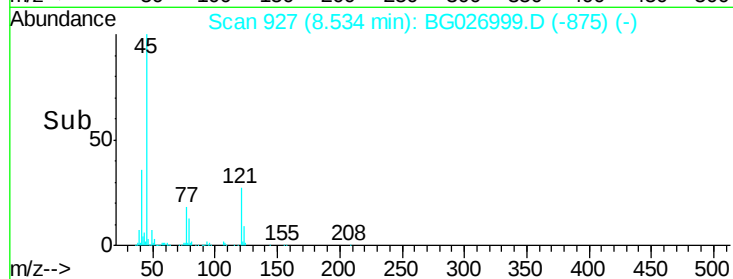
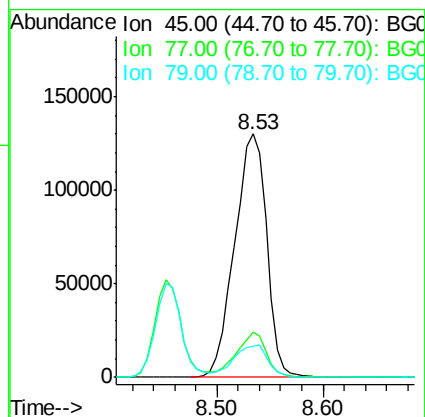
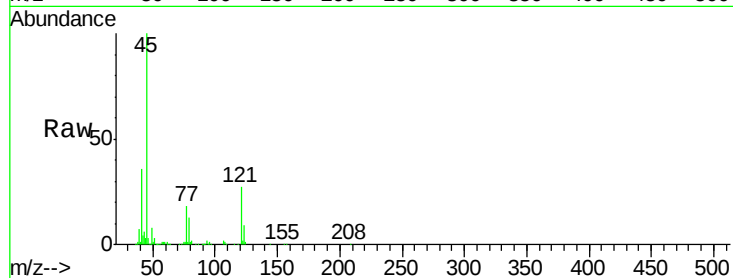




#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 22.62 ng/ul  
RT: 8.53 min Scan# 927  
Delta R.T. 0.00 min  
Lab File: BG026999.D  
Acq: 17 May 2017 4:46

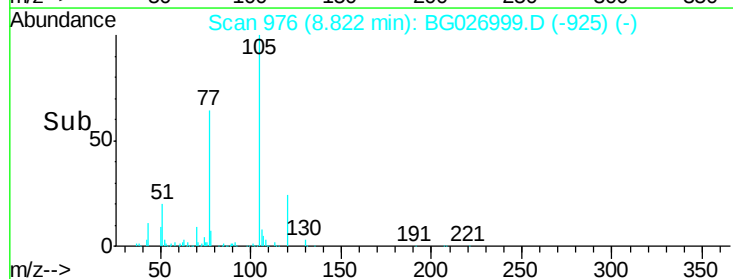
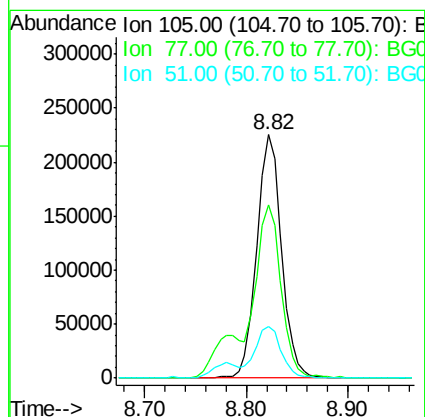
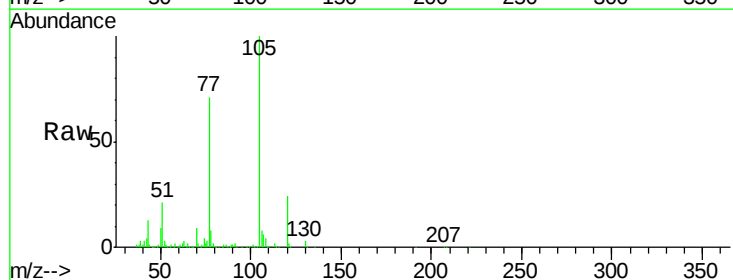
Instrument :  
BNA\_G  
ClientSampleId :

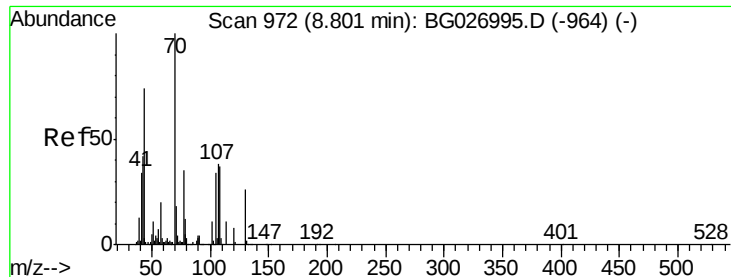
Tot Ion: 45 Resp: 273072  
Ion Ratio Lower Upper  
45 100  
77 18.4 10.0 15.0#  
79 12.7 7.3 10.9#



#14  
Acetophenone  
Concen: 21.28 ng/ul  
RT: 8.82 min Scan# 976  
Delta R.T. -0.00 min  
Lab File: BG026999.D  
Acq: 17 May 2017 4:46

Tgt Ion: 105 Resp: 383491  
Ion Ratio Lower Upper  
105 100  
77 71.3 76.0 114.0#  
51 21.0 34.8 52.2#

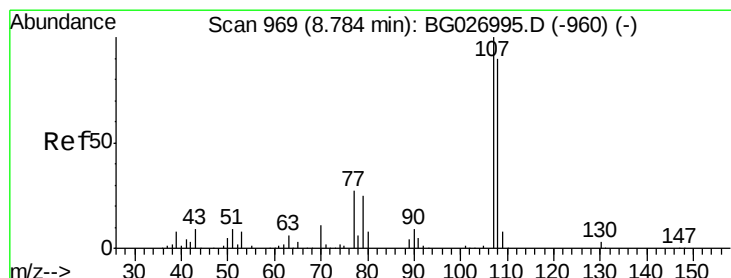
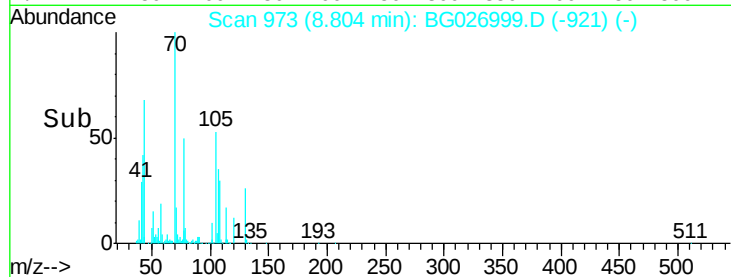
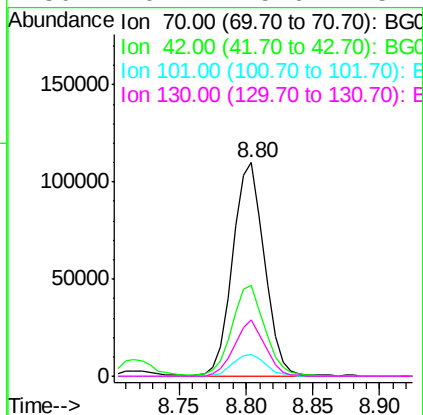
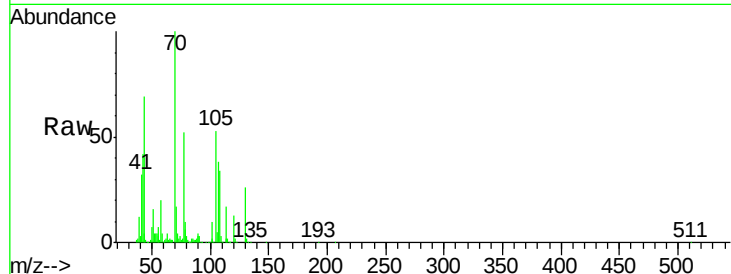




#15  
N-Nitroso-di-n-propylamine  
Concen: 20.50 ng/ul  
RT: 8.80 min Scan# 973  
Delta R.T. 0.00 min  
Lab File: BG026999.D  
Acq: 17 May 2017 4:46

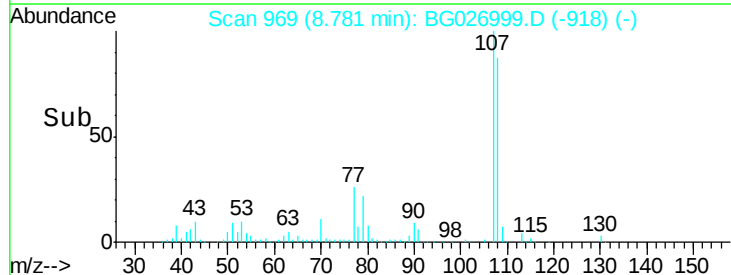
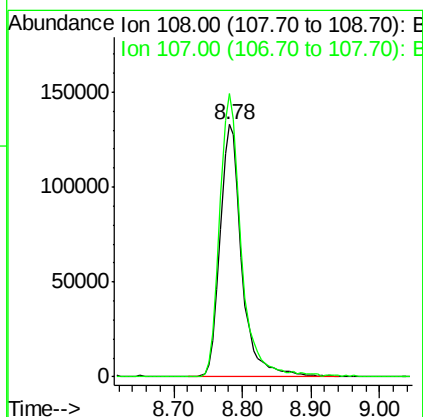
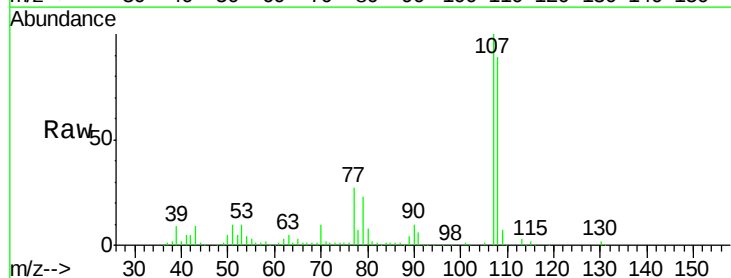
Instrument :  
BNA\_G  
ClientSampleId :

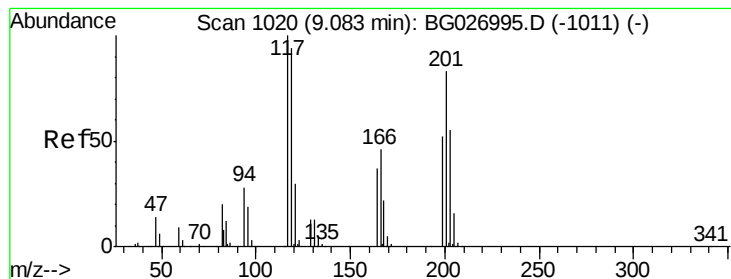
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 42.5  | 59.0  | 88.6# |
| 101     | 10.4  | 6.6   | 9.8#  |
| 130     | 26.2  | 15.6  | 23.4# |



#16  
4-Methylphenol  
Concen: 22.46 ng/ul  
RT: 8.78 min Scan# 969  
Delta R.T. -0.00 min  
Lab File: BG026999.D  
Acq: 17 May 2017 4:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 108     | 100   |       |       |
| 107     | 112.1 | 91.7  | 137.5 |





#17

Hexachloroethane

Concen: 20.03 ng/ul

RT: 9.08 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BG026999.D

Acq: 17 May 2017 4:46

Instrument :

BNA\_G

ClientSampleId :

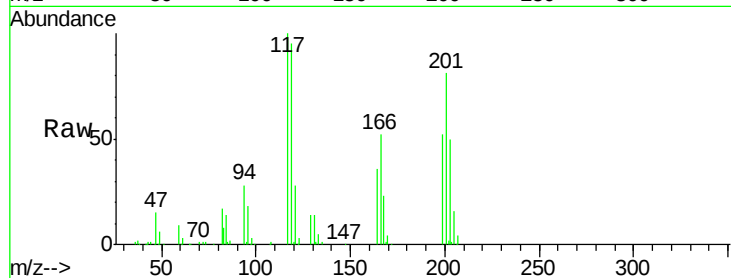
Tot Ion:117 Resp: 93035

Ion Ratio Lower Upper

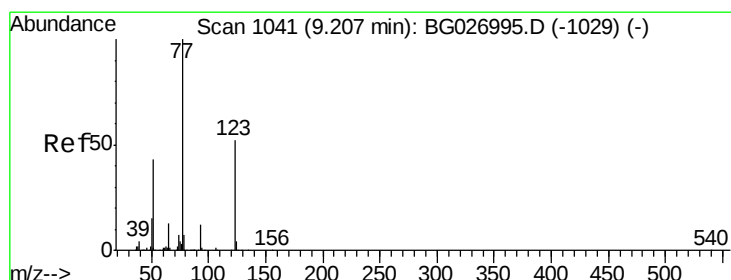
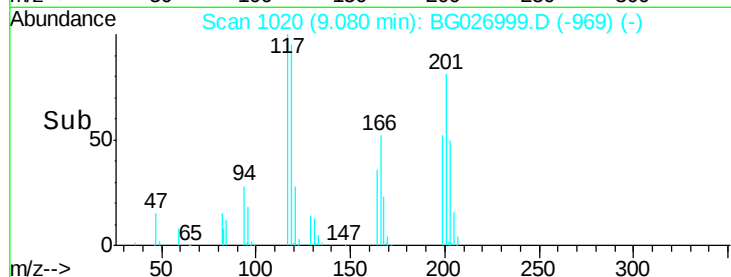
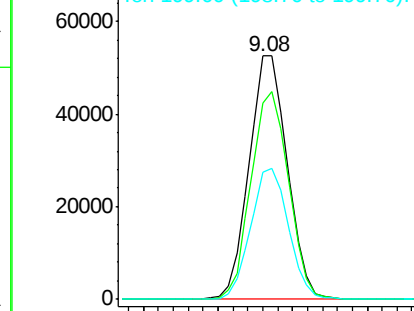
117 100

201 80.9 91.9 137.9#

199 52.1 64.3 96.5#



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 201.00 (200.70 to 201.70): E  
Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 21.12 ng/ul

RT: 9.20 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BG026999.D

Acq: 17 May 2017 4:46

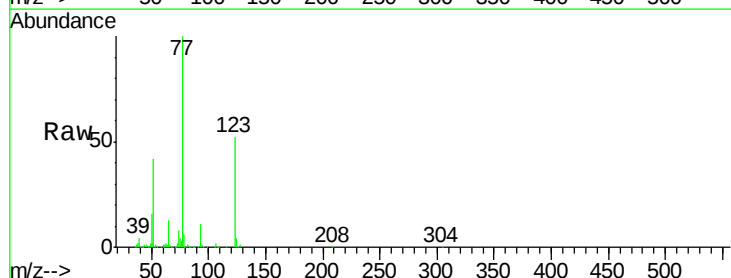
Tgt Ion: 77 Resp: 270264

Ion Ratio Lower Upper

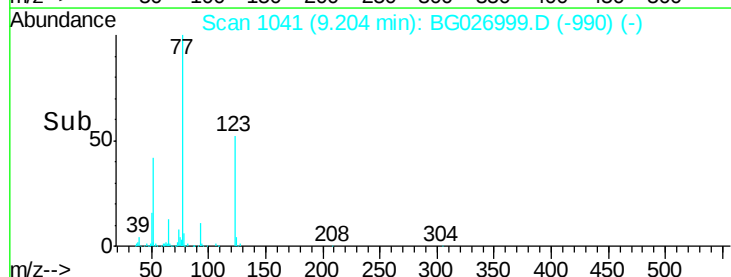
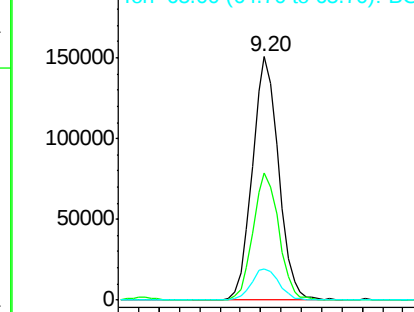
77 100

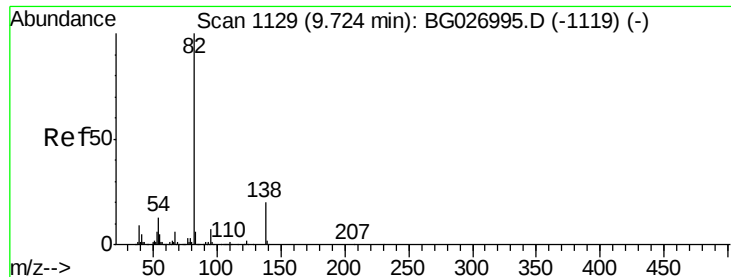
123 52.1 27.4 41.0#

65 12.9 13.3 19.9#



Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 123.00 (122.70 to 123.70): E  
Ion 65.00 (64.70 to 65.70): BGC





#21

Isophorone

Concen: 20.40 ng/ul

RT: 9.72 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BG026999.D

Acq: 17 May 2017 4:46

Instrument :

BNA\_G

ClientSampleId :

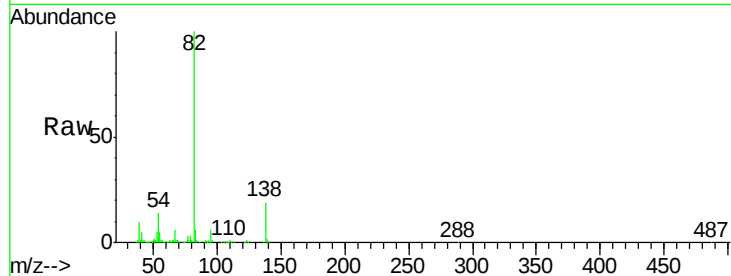
Tot Ion: 82 Resp: 501157

Ion Ratio Lower Upper

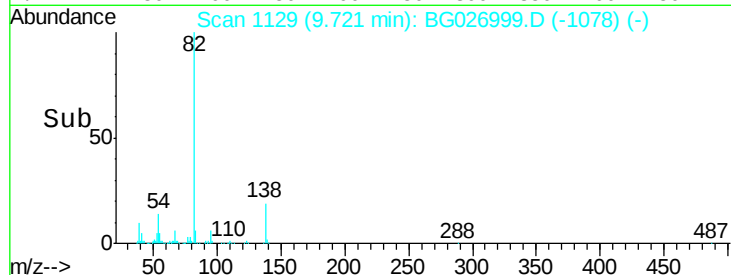
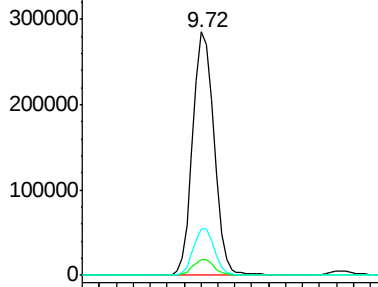
82 100

95 6.4 7.8 11.6#

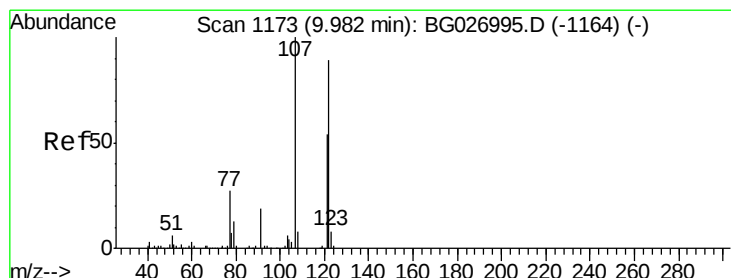
138 19.0 12.2 18.2#



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



Time-->



#24

2,4-Dimethylphenol

Concen: 21.21 ng/ul

RT: 9.98 min Scan# 1173

Delta R.T. -0.00 min

Lab File: BG026999.D

Acq: 17 May 2017 4:46

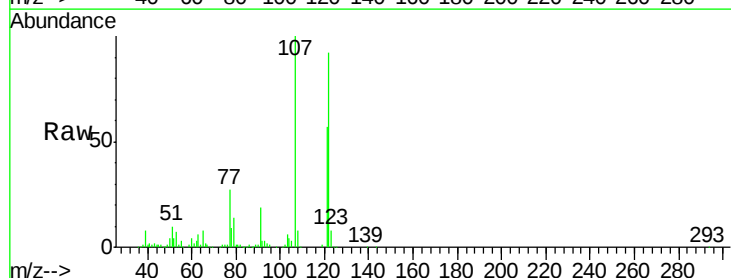
Tgt Ion: 107 Resp: 293241

Ion Ratio Lower Upper

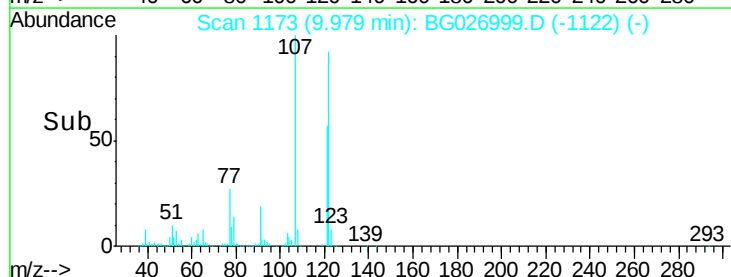
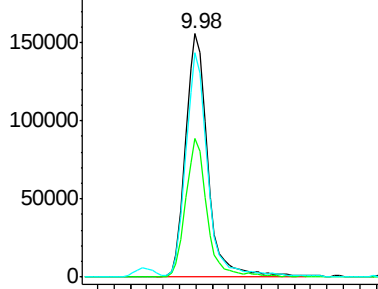
107 100

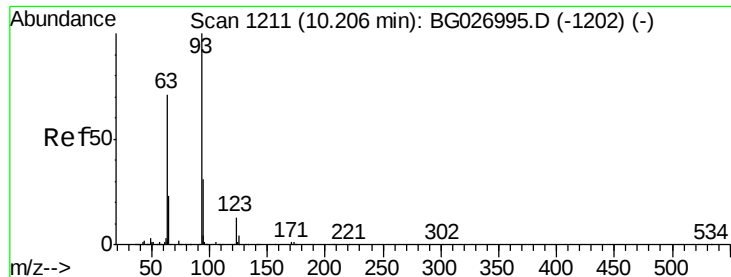
121 56.9 32.3 48.5#

122 91.9 61.2 91.8#



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





#25

Bis(2-Chloroethoxy)methane

Concen: 20.26 ng/ul

RT: 10.20 min Scan# 1211

Delta R.T. -0.00 min

Lab File: BG026999.D

Acq: 17 May 2017 4:46

Instrument :

BNA\_G

ClientSampleId :

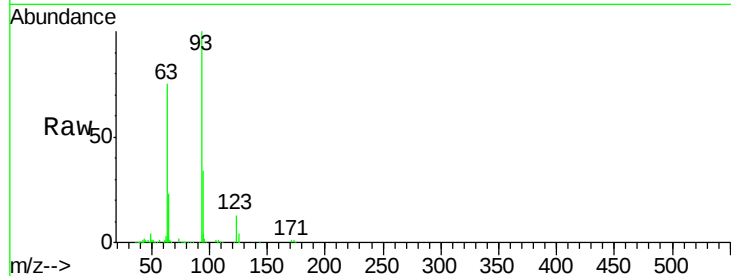
Tot Ion: 93 Resp: 339976

Ion Ratio Lower Upper

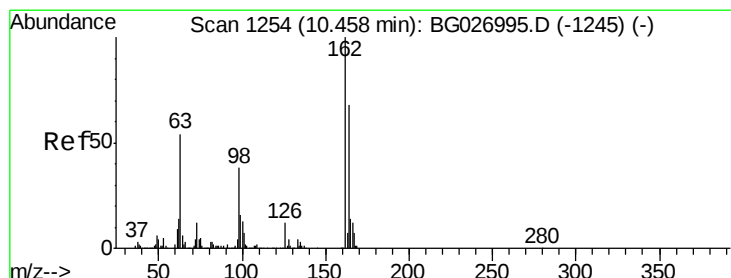
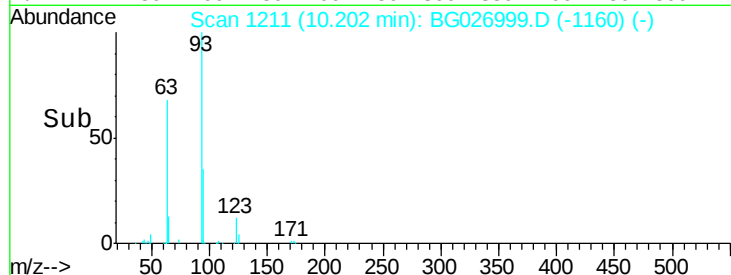
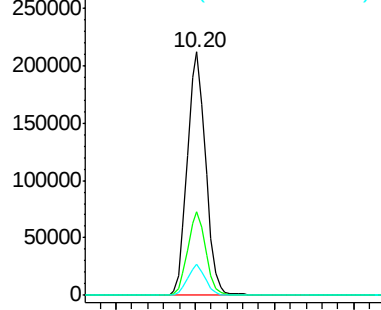
93 100

95 34.3 23.4 35.0

123 12.5 7.8 11.6#



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



#27

2,4-Dichlorophenol

Concen: 21.51 ng/ul

RT: 10.46 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BG026999.D

Acq: 17 May 2017 4:46

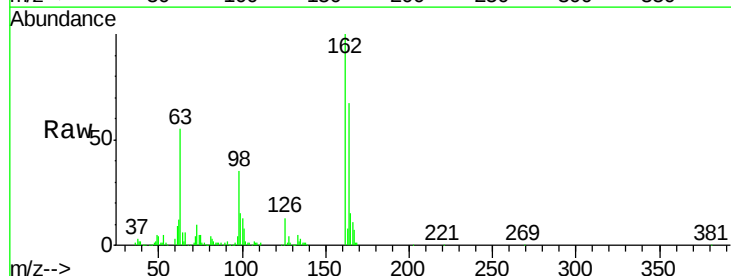
Tgt Ion: 162 Resp: 245875

Ion Ratio Lower Upper

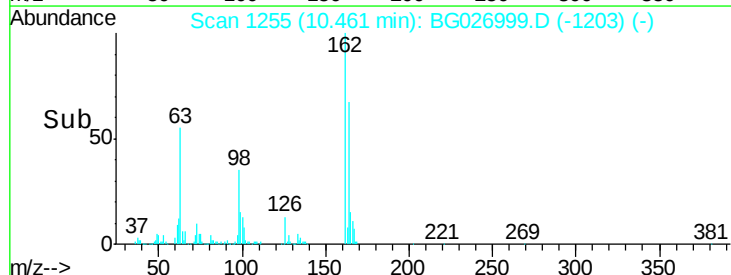
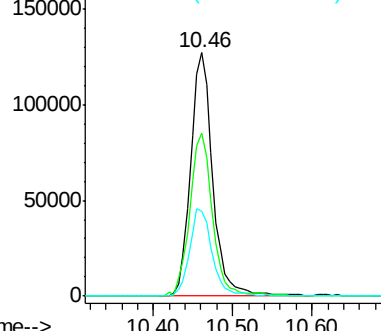
162 100

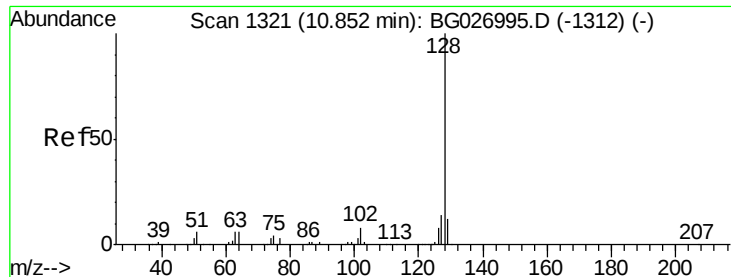
164 67.0 50.8 76.2

98 34.6 32.1 48.1



Abundance Ion 162.00 (161.70 to 162.70): BGC  
Ion 164.00 (163.70 to 164.70): BGC  
Ion 98.00 (97.70 to 98.70): BGC

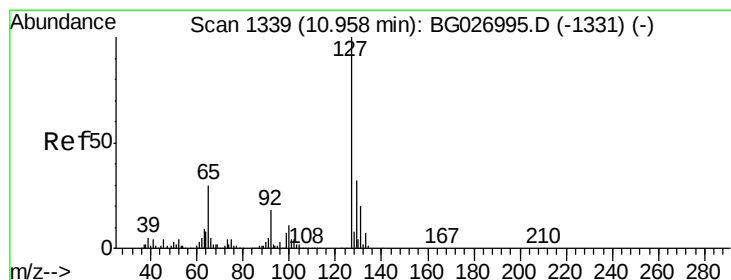
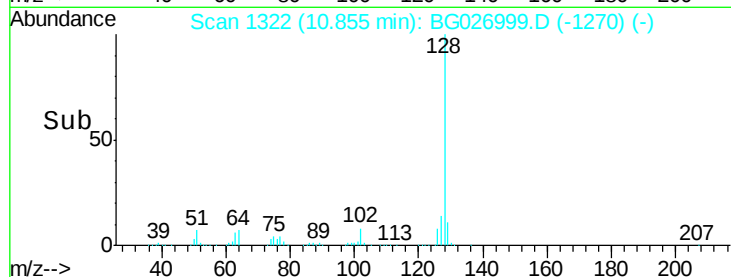
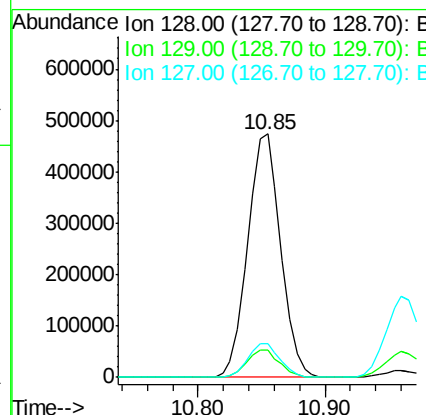
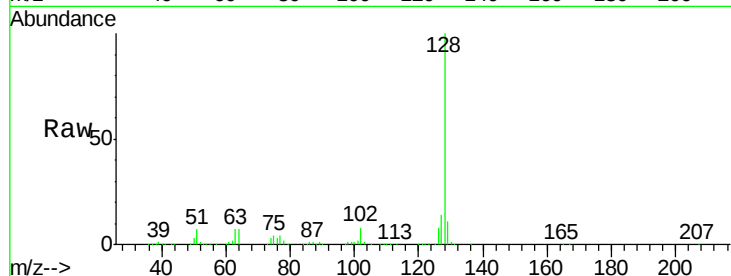




#28  
Naphthalene  
Concen: 20.65 ng/ul  
RT: 10.85 min Scan# 1322  
Delta R.T. 0.00 min  
Lab File: BG026999.D  
Acq: 17 May 2017 4:46

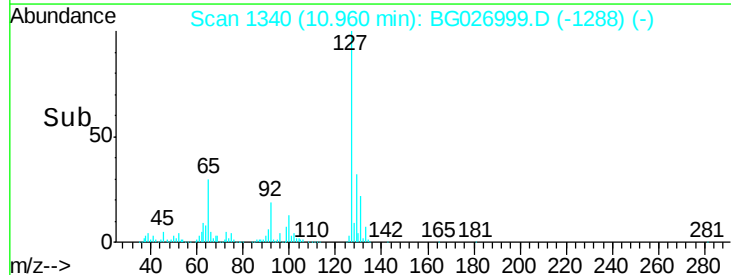
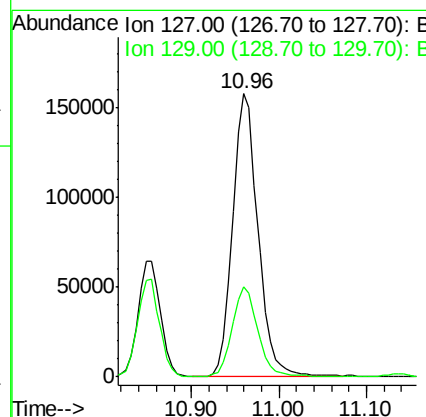
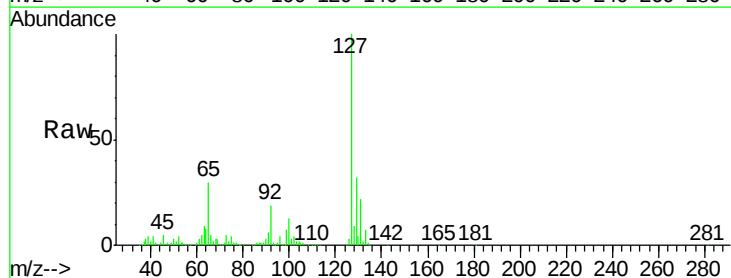
Instrument :  
BNA\_G  
ClientSampleId :

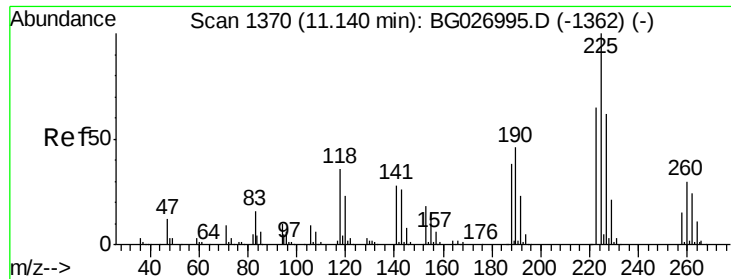
Tot Ion:128 Resp: 853064  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.4 14.2  
127 13.7 10.3 15.5



#30  
4-Chloroaniline  
Concen: 21.51 ng/ul  
RT: 10.96 min Scan# 1340  
Delta R.T. 0.00 min  
Lab File: BG026999.D  
Acq: 17 May 2017 4:46

Tgt Ion:127 Resp: 311246  
Ion Ratio Lower Upper  
127 100  
129 31.9 28.9 43.3

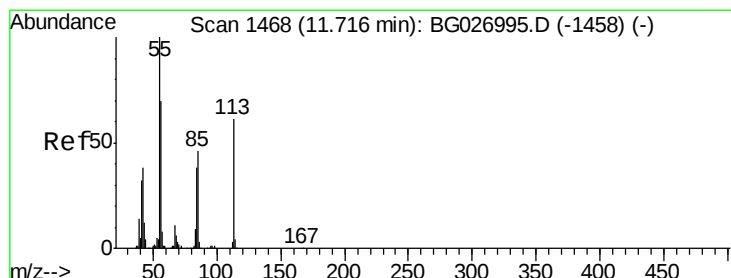
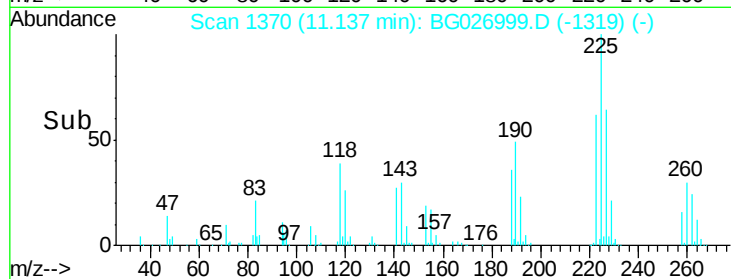
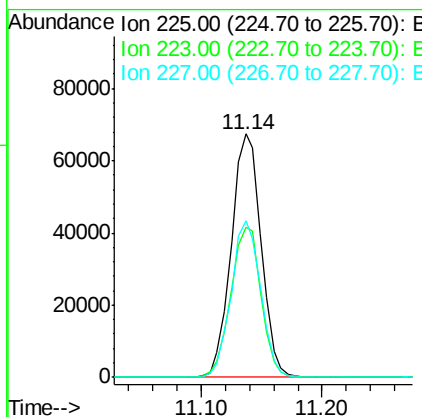
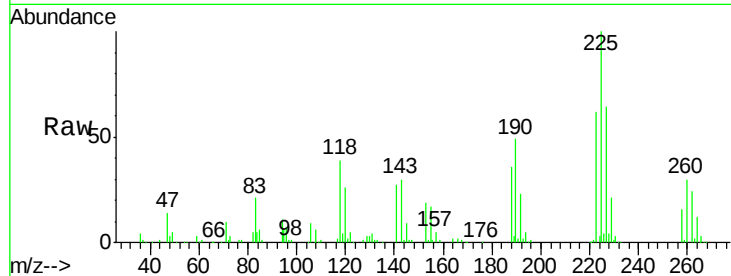




#31  
Hexachlorobutadiene  
Concen: 20.05 ng/ul  
RT: 11.14 min Scan# 1370  
Delta R.T. -0.00 min  
Lab File: BG026999.D  
Acq: 17 May 2017 4:46

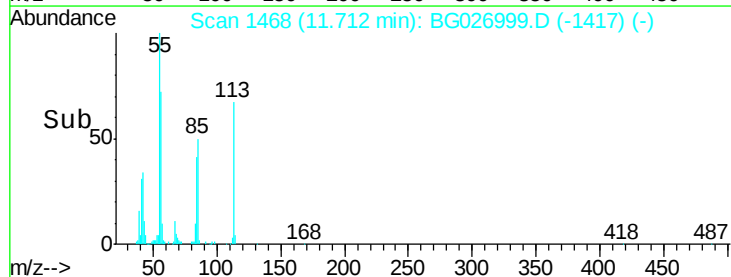
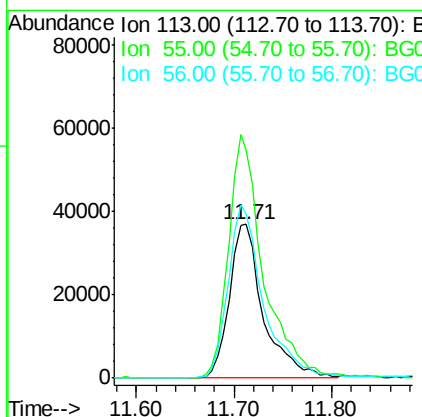
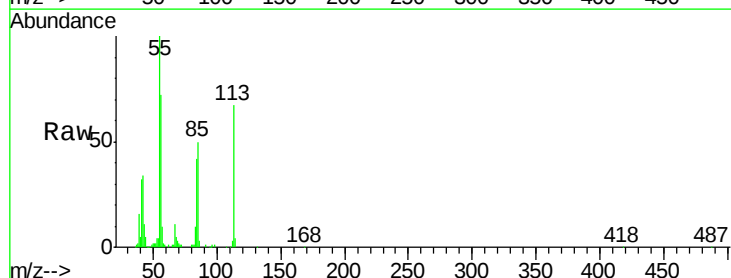
Instrument :  
BNA\_G  
ClientSampleId :

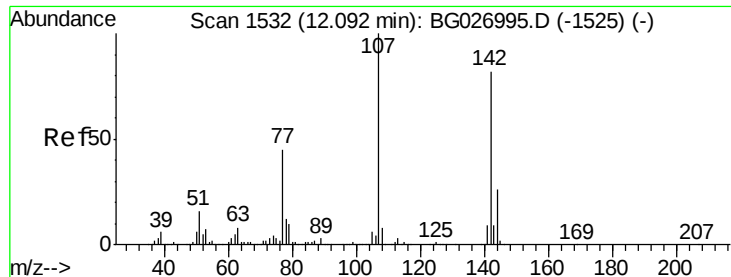
Tot Ion:225 Resp: 115925  
Ion Ratio Lower Upper  
225 100  
223 61.9 45.9 68.9  
227 64.3 44.7 67.1



#32  
Caprolactam  
Concen: 21.02 ng/ul  
RT: 11.71 min Scan# 1468  
Delta R.T. -0.00 min  
Lab File: BG026999.D  
Acq: 17 May 2017 4:46

Tgt Ion:113 Resp: 89770  
Ion Ratio Lower Upper  
113 100  
55 148.8 168.6 252.8#  
56 106.8 128.5 192.7#

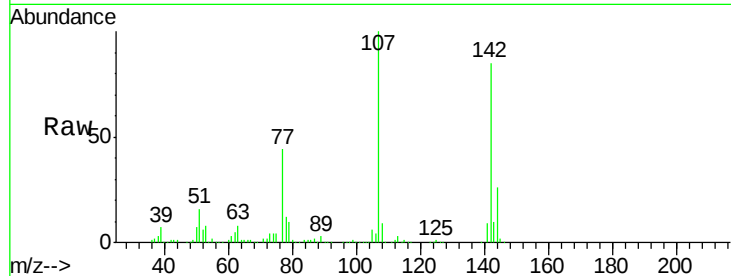




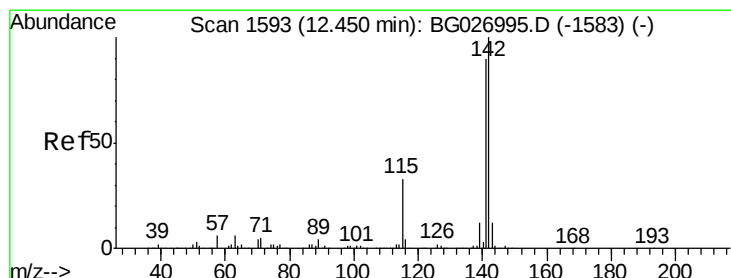
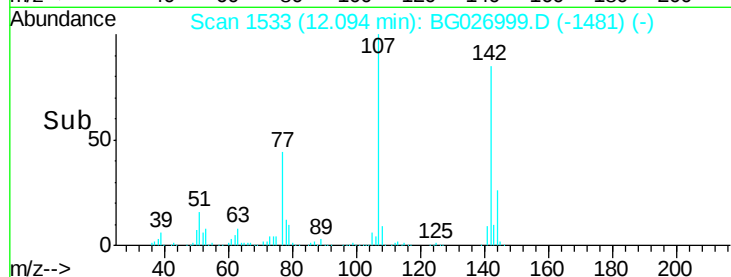
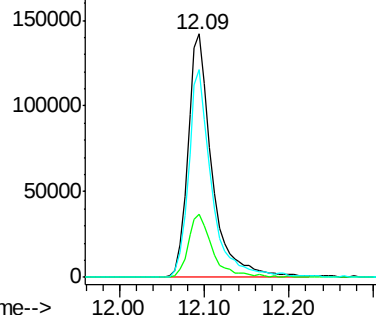
#33  
 4-Chloro-3-methylphenol  
 Concen: 22.86 ng/ul  
 RT: 12.09 min Scan# 1533  
 Delta R.T. 0.00 min  
 Lab File: BG026999.D  
 Acq: 17 May 2017 4:46

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:107 Resp: 283326  
 Ion Ratio Lower Upper  
 107 100  
 144 25.8 18.2 27.4  
 142 85.2 55.0 82.4#

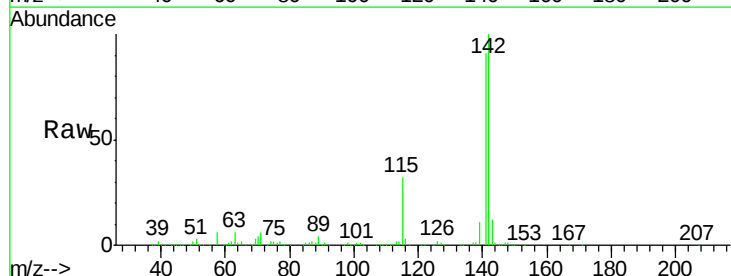


Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 144.00 (143.70 to 144.70): E  
 Ion 142.00 (141.70 to 142.70): E

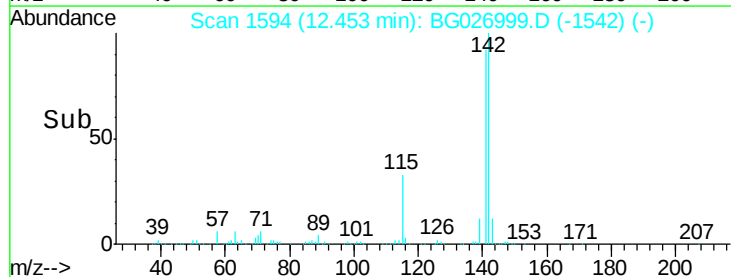
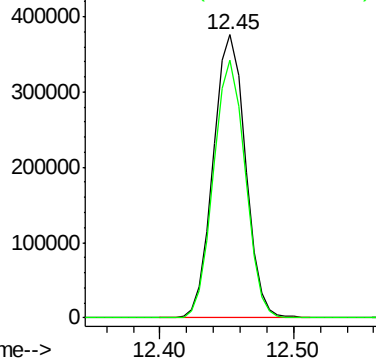


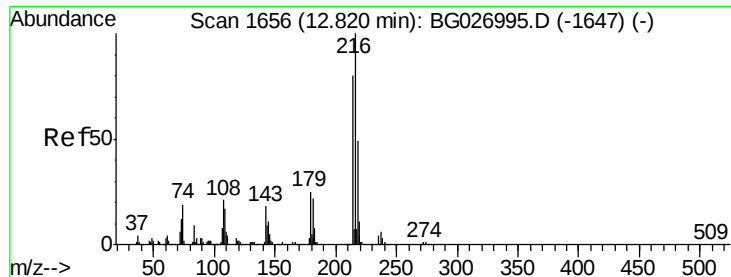
#34  
 2-Methylnaphthalene  
 Concen: 20.40 ng/ul  
 RT: 12.45 min Scan# 1594  
 Delta R.T. 0.00 min  
 Lab File: BG026999.D  
 Acq: 17 May 2017 4:46

Tgt Ion:142 Resp: 625232  
 Ion Ratio Lower Upper  
 142 100  
 141 91.2 68.6 102.8



Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E

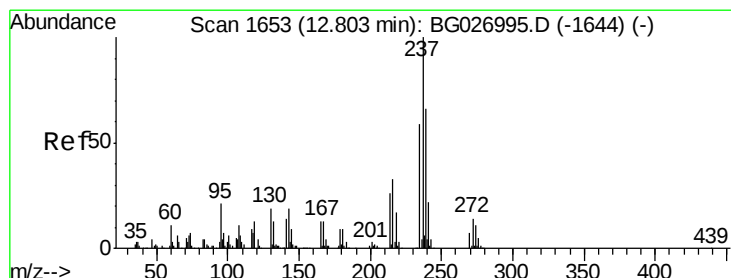
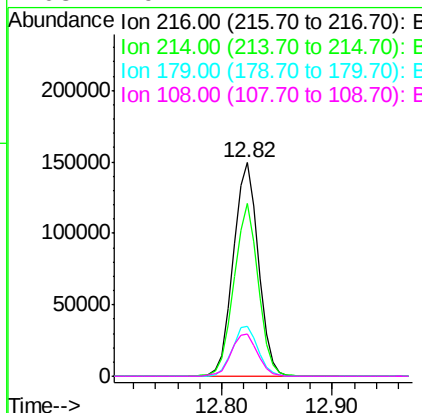
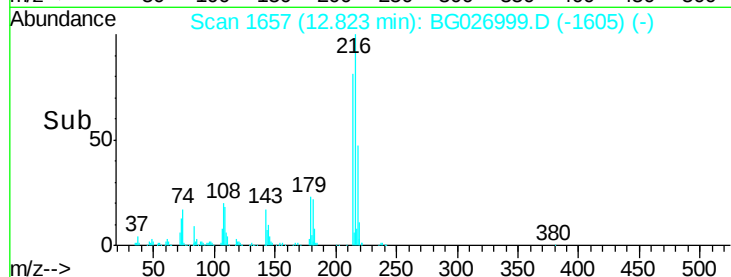
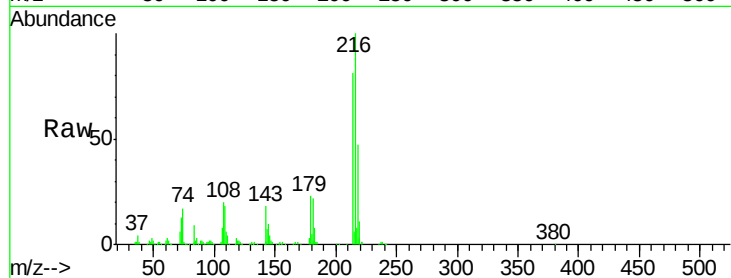




#36  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 20.85 ng/ul  
 RT: 12.82 min Scan# 1657  
 Delta R.T. 0.00 min  
 Lab File: BG026999.D  
 Acq: 17 May 2017 4:46

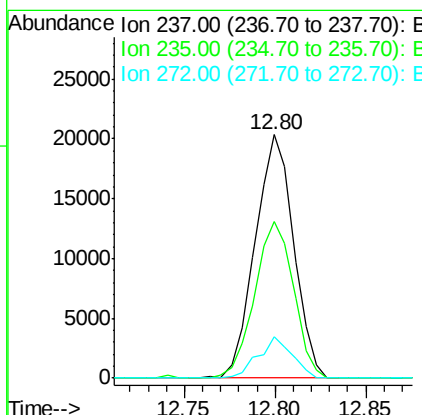
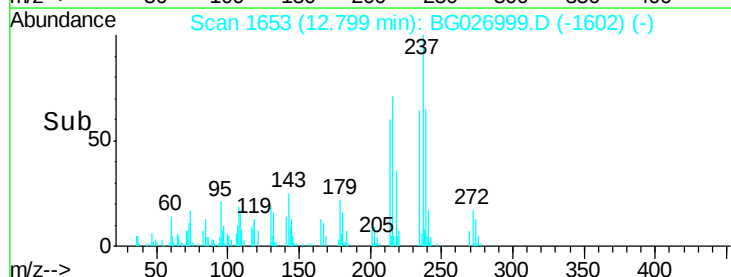
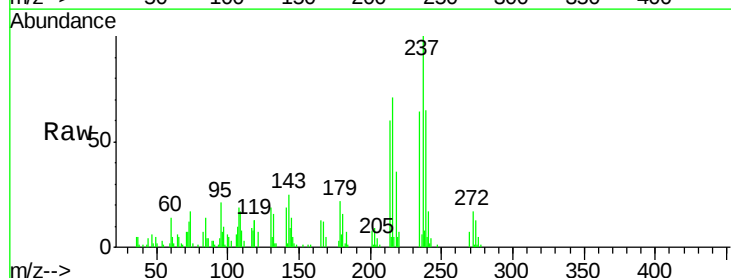
Instrument :  
 BNA\_G  
 ClientSampleId :

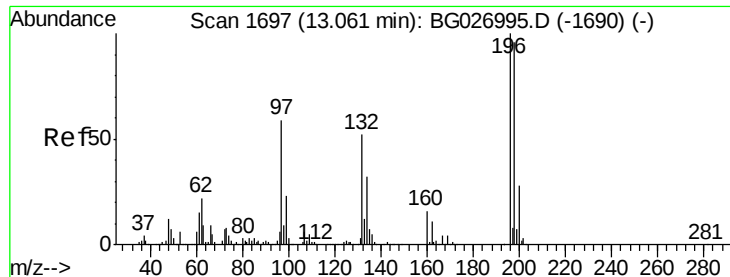
|             |       |            |
|-------------|-------|------------|
| Tot Ion:216 | Resp: | 238791     |
| Ion Ratio   | Lower | Upper      |
| 216         | 100   |            |
| 214         | 80.8  | 67.0 100.6 |
| 179         | 23.2  | 18.1 27.1  |
| 108         | 19.7  | 14.1 21.1  |



#37  
 Hexachlorocyclopentadiene  
 Concen: 5.93 ng/ul  
 RT: 12.80 min Scan# 1653  
 Delta R.T. -0.00 min  
 Lab File: BG026999.D  
 Acq: 17 May 2017 4:46

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:237 | Resp: | 29933      |
| Ion Ratio   | Lower | Upper      |
| 237         | 100   |            |
| 235         | 64.3  | 50.2 75.4  |
| 272         | 16.7  | 10.6 16.0# |

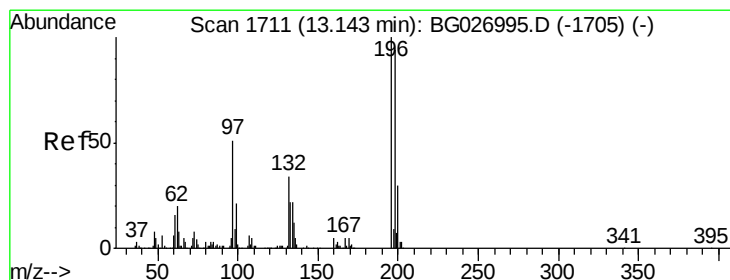
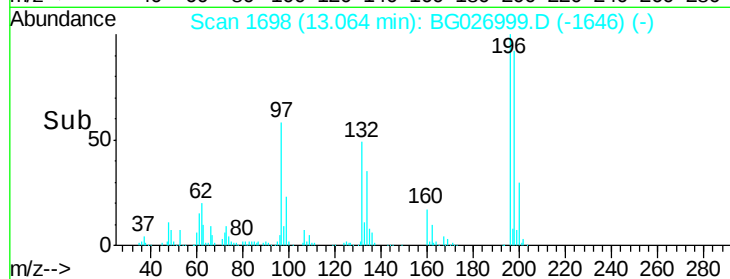
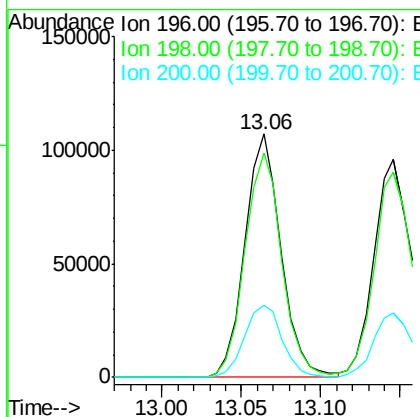
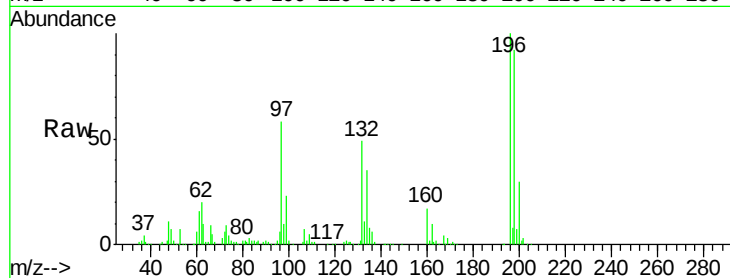




#38  
 2,4,6-Trichlorophenol  
 Concen: 21.50 ng/ul  
 RT: 13.06 min Scan# 1698  
 Delta R.T. 0.00 min  
 Lab File: BG026999.D  
 Acq: 17 May 2017 4:46

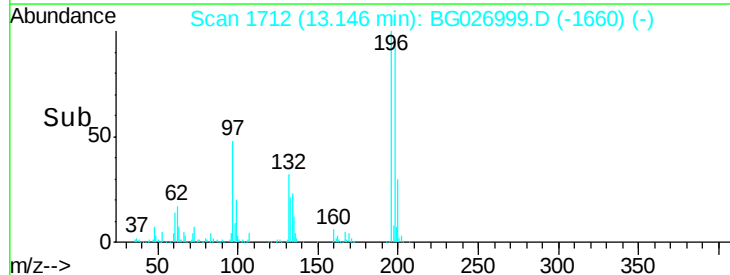
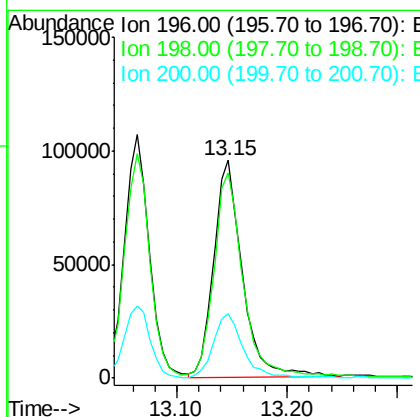
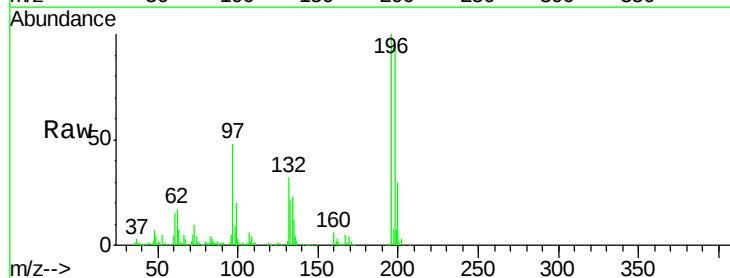
Instrument :  
 BNA\_G  
 ClientSampleID :

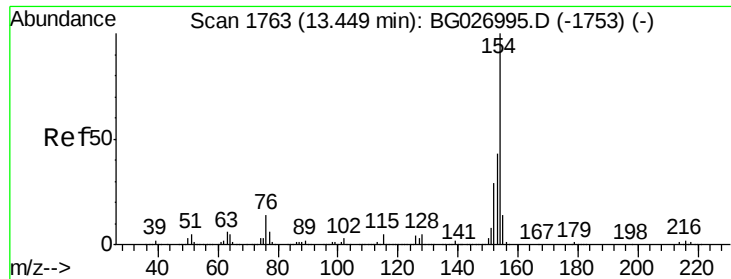
| Tot Ion   | 196   | Resp  | 169353 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 92.1  | 71.4  | 107.2  |
| 200       | 29.6  | 24.6  | 37.0   |



#39  
 2,4,5-Trichlorophenol  
 Concen: 20.91 ng/ul  
 RT: 13.15 min Scan# 1712  
 Delta R.T. 0.00 min  
 Lab File: BG026999.D  
 Acq: 17 May 2017 4:46

| Tgt Ion   | 196   | Resp  | 170270 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 94.6  | 78.6  | 118.0  |
| 200       | 29.7  | 27.3  | 40.9   |

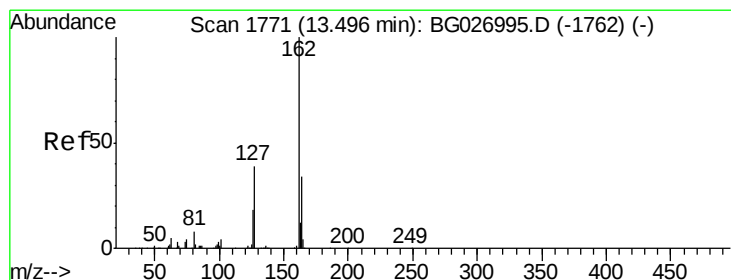
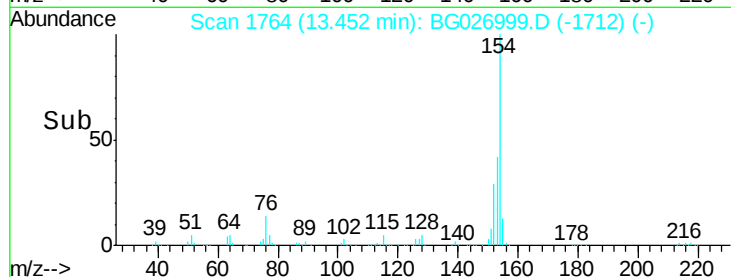
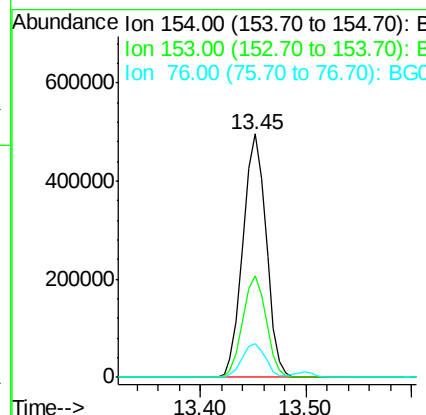
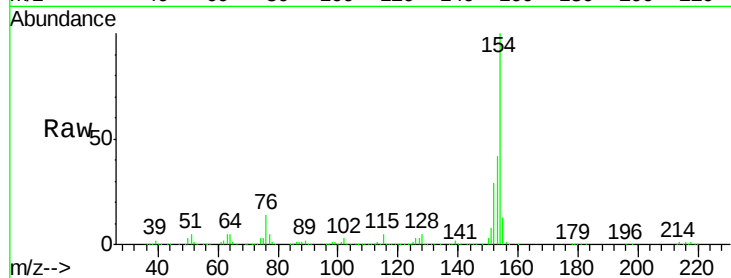




#40  
 1,1'-Biphenyl  
 Concen: 20.70 ng/ul  
 RT: 13.45 min Scan# 1764  
 Delta R.T. 0.00 min  
 Lab File: BG026999.D  
 Acq: 17 May 2017 4:46

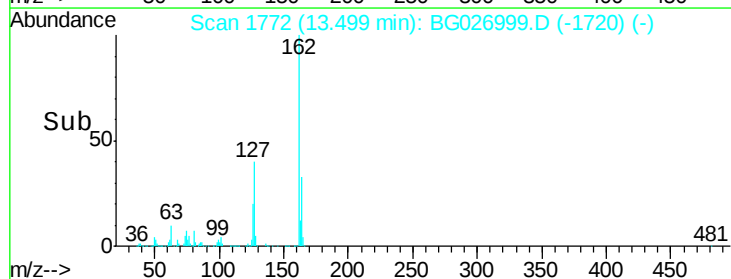
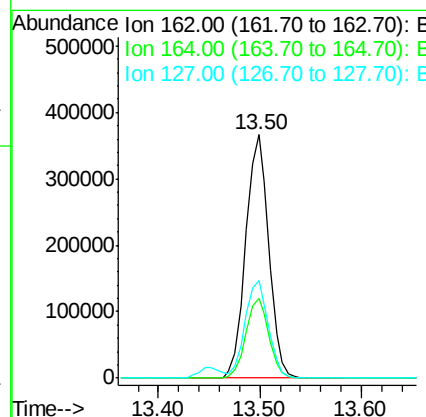
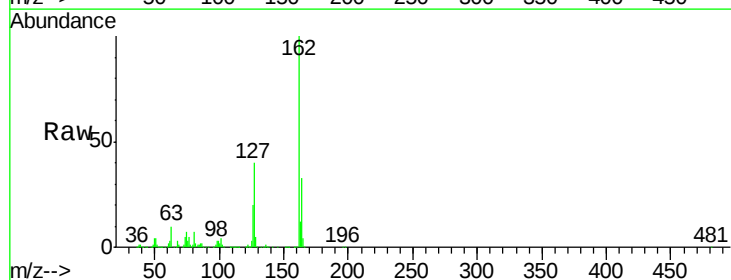
Instrument :  
 BNA\_G  
 ClientSampleId :

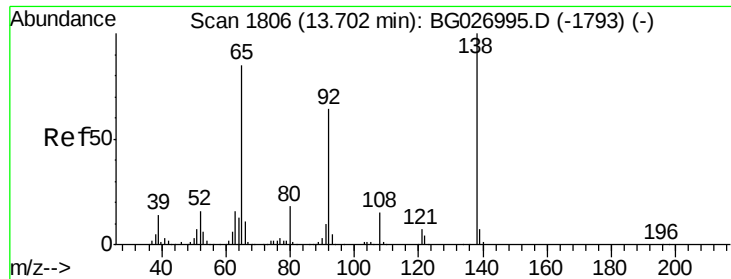
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.0  | 32.2  | 48.2  |
| 76      | 13.6  | 9.6   | 14.4  |



#41  
 2-Chloronaphthalene  
 Concen: 20.99 ng/ul  
 RT: 13.50 min Scan# 1772  
 Delta R.T. 0.00 min  
 Lab File: BG026999.D  
 Acq: 17 May 2017 4:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 32.6  | 25.0  | 37.6  |
| 127     | 40.1  | 30.7  | 46.1  |





#42

2-Nitroaniline

Concen: 22.67 ng/ul

RT: 13.70 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BG026999.D

Acq: 17 May 2017 4:46

Instrument :

BNA\_G

ClientSampleId :

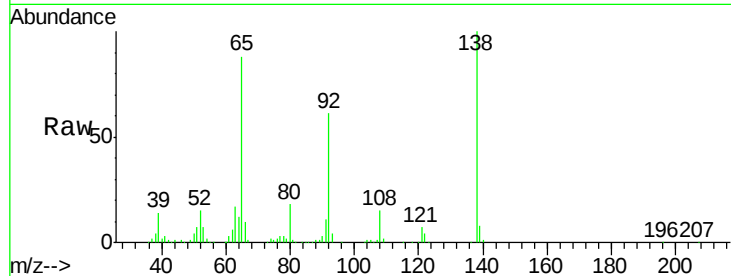
Tot Ion: 65 Resp: 177775

Ion Ratio Lower Upper

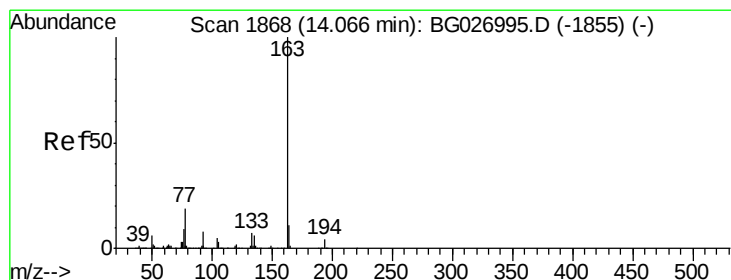
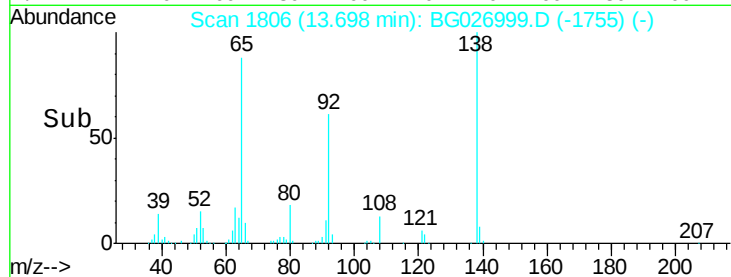
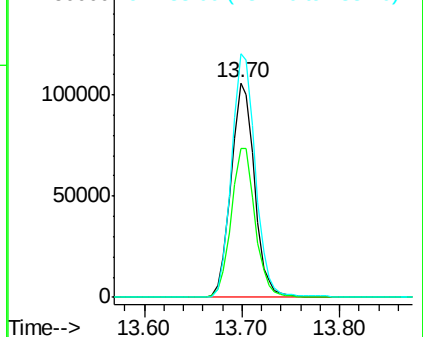
65 100

92 69.1 50.9 76.3

138 113.4 61.8 92.6#



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



#44

Dimethylphthalate

Concen: 20.15 ng/ul

RT: 14.06 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BG026999.D

Acq: 17 May 2017 4:46

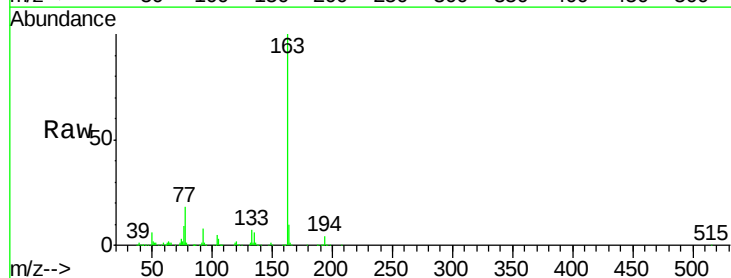
Tgt Ion:163 Resp: 689542

Ion Ratio Lower Upper

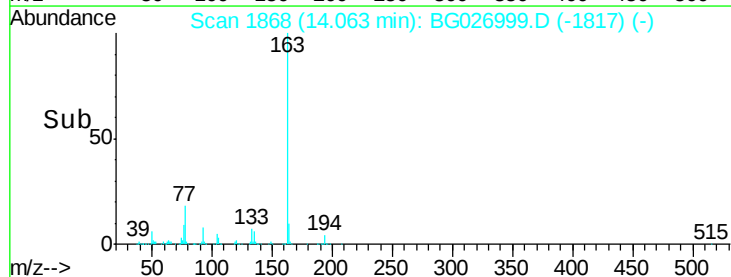
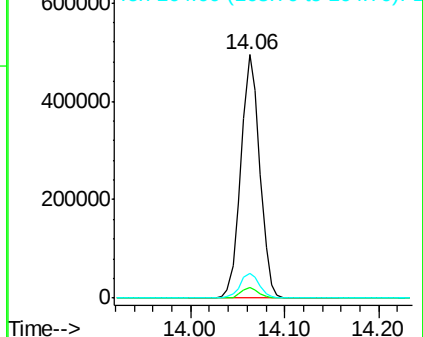
163 100

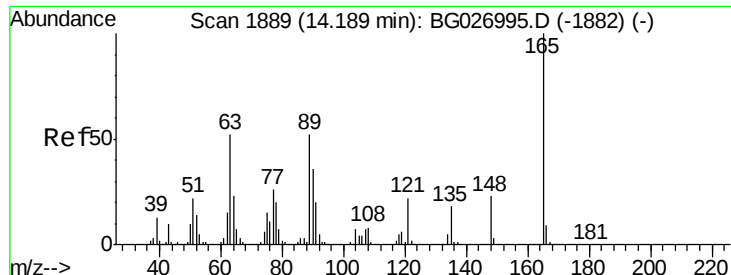
194 4.2 3.4 5.0

164 10.1 9.0 13.4



Abundance Ion 163.00 (162.70 to 163.70): BGC  
Ion 194.00 (193.70 to 194.70): BGC  
Ion 164.00 (163.70 to 164.70): BGC

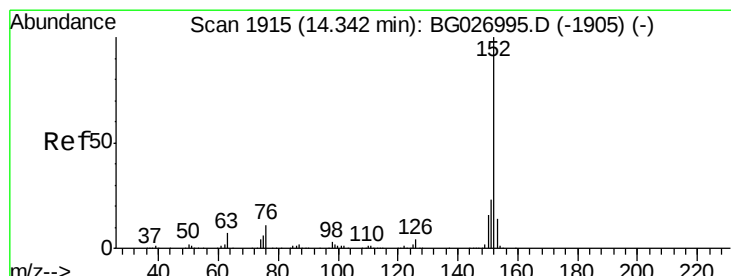
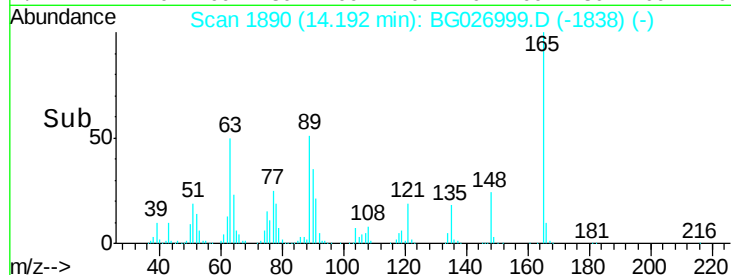
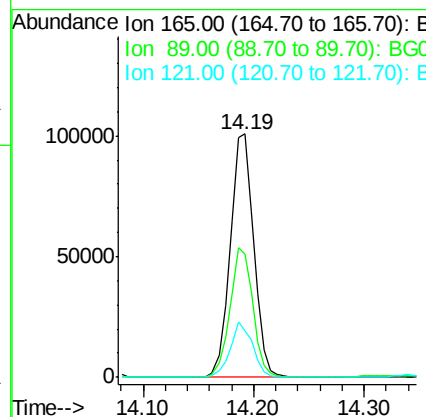
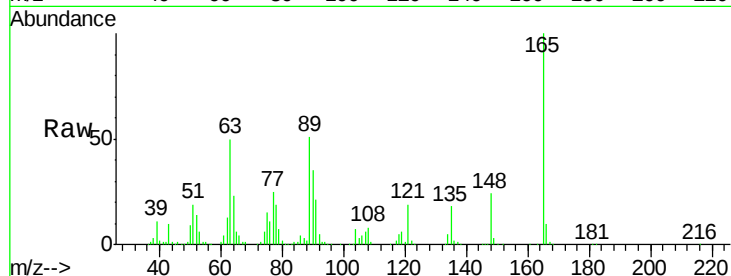




#45  
2,6-Dinitrotoluene  
Concen: 20.87 ng/ul  
RT: 14.19 min Scan# 1890  
Delta R.T. 0.00 min  
Lab File: BG026999.D  
Acq: 17 May 2017 4:46

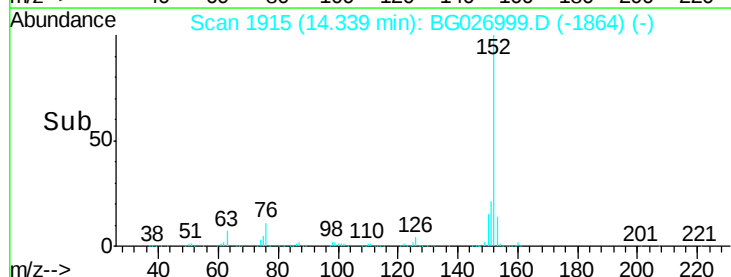
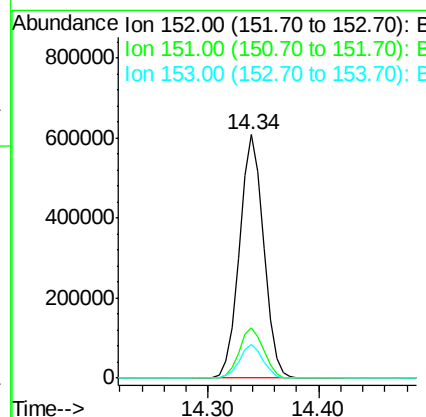
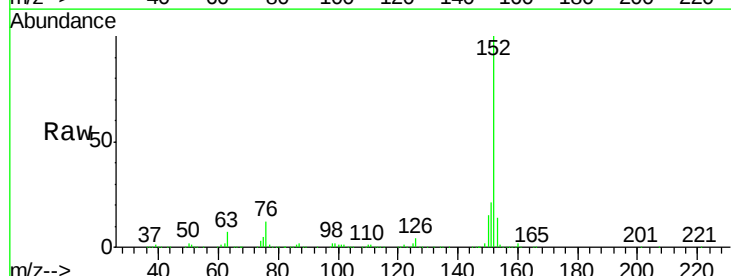
Instrument :  
BNA\_G  
ClientSampled :

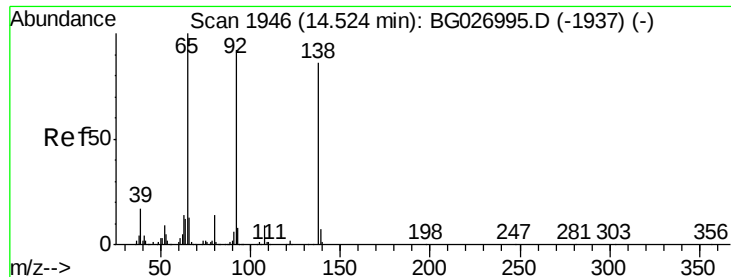
Tot Ion:165 Resp: 150728  
Ion Ratio Lower Upper  
165 100  
89 50.7 52.9 79.3#  
121 19.1 22.2 33.4#



#47  
Acenaphthylene  
Concen: 20.84 ng/ul  
RT: 14.34 min Scan# 1915  
Delta R.T. -0.00 min  
Lab File: BG026999.D  
Acq: 17 May 2017 4:46

Tgt Ion:152 Resp: 932189  
Ion Ratio Lower Upper  
152 100  
151 20.7 16.7 25.1  
153 13.7 11.4 17.2

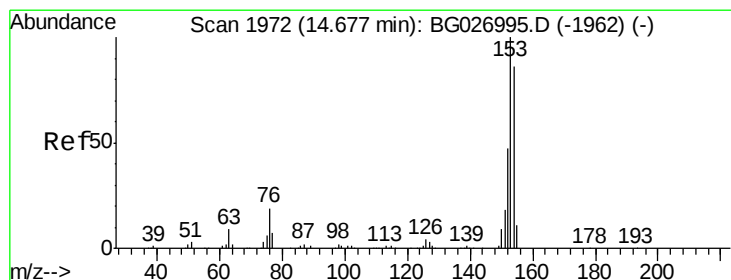
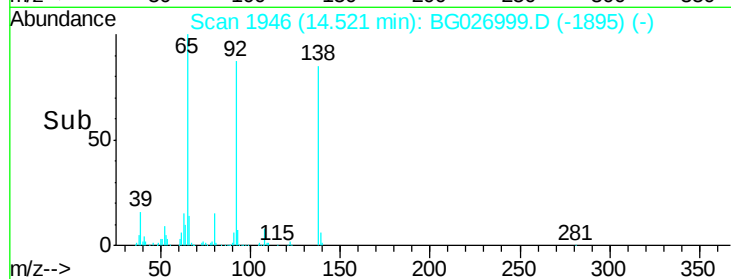
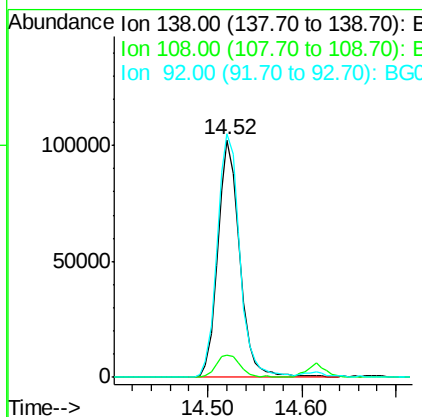
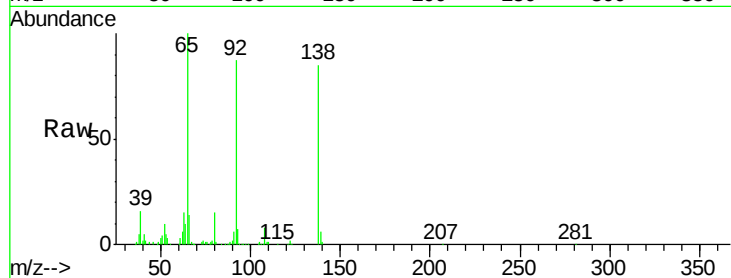




#48  
3-Nitroaniline  
Concen: 22.02 ng/ul  
RT: 14.52 min Scan# 1946  
Delta R.T. -0.00 min  
Lab File: BG026999.D  
Acq: 17 May 2017 4:46

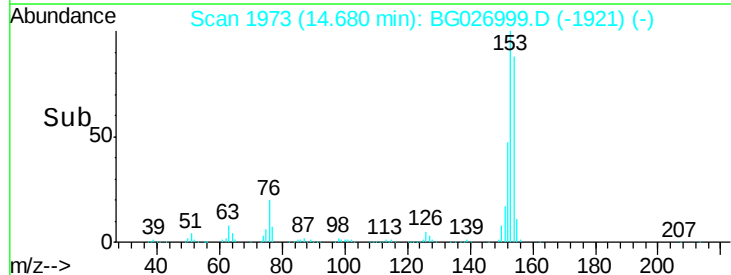
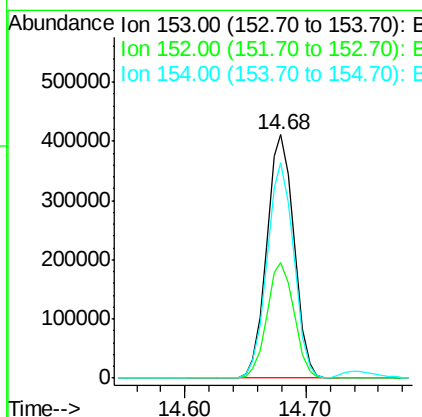
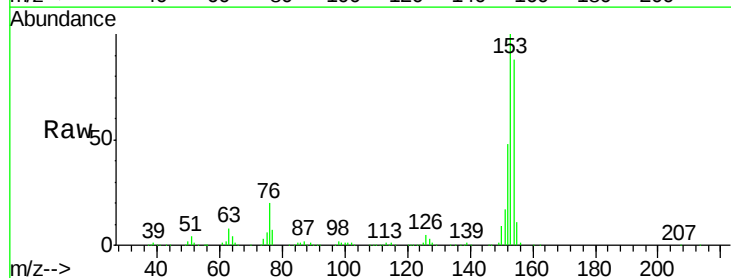
Instrument :  
BNA\_G  
ClientSampled :

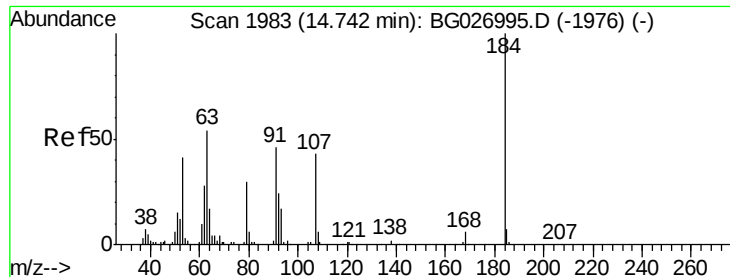
Tot Ion:138 Resp: 167341  
Ion Ratio Lower Upper  
138 100  
108 9.3 6.3 9.5  
92 102.4 106.4 159.6#



#49  
Acenaphthene  
Concen: 20.50 ng/ul  
RT: 14.68 min Scan# 1973  
Delta R.T. 0.00 min  
Lab File: BG026999.D  
Acq: 17 May 2017 4:46

Tgt Ion:153 Resp: 637808  
Ion Ratio Lower Upper  
153 100  
152 47.7 36.5 54.7  
154 88.3 72.3 108.5

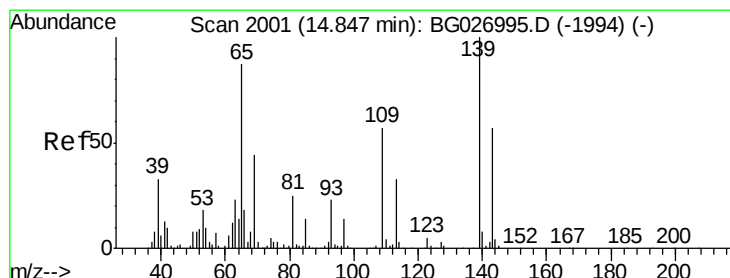
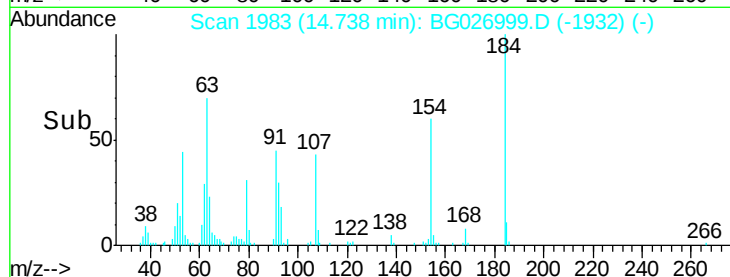
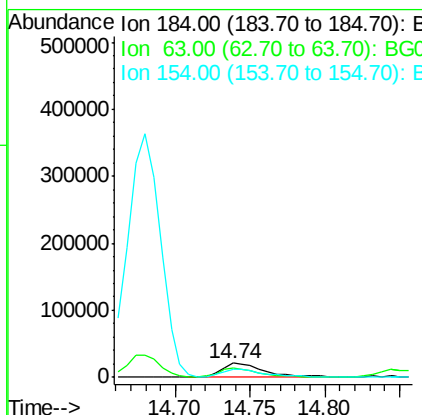
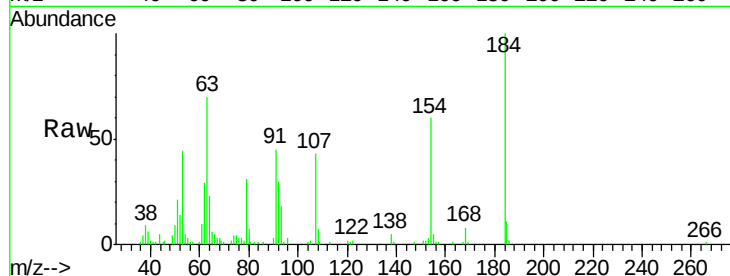




#50  
 2,4-Dinitrophenol  
 Concen: 11.52 ng/ul  
 RT: 14.74 min Scan# 1983  
 Delta R.T. -0.00 min  
 Lab File: BG026999.D  
 Acq: 17 May 2017 4:46

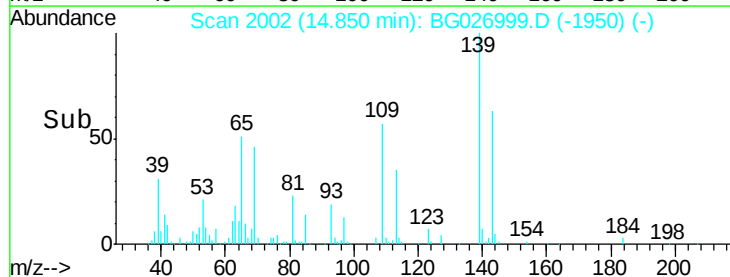
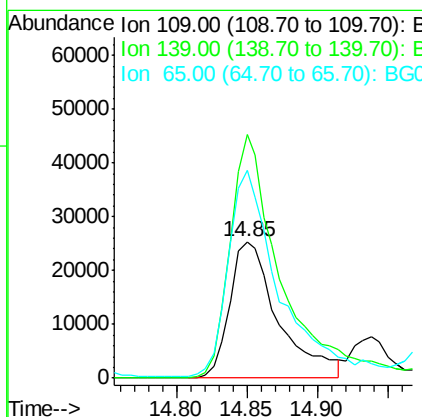
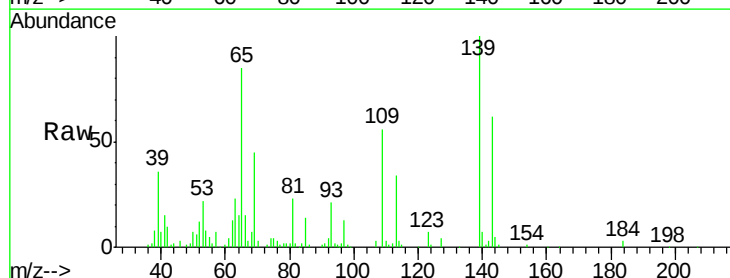
Instrument :  
 BNA\_G  
 ClientSampled :

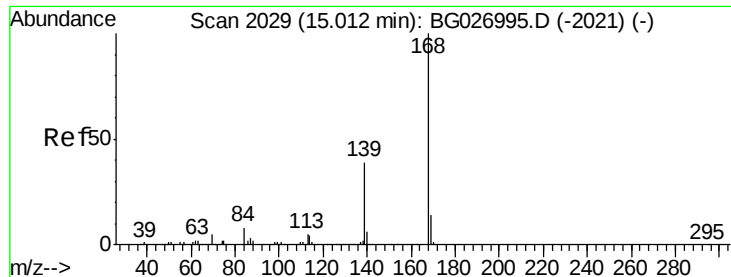
Tot Ion:184 Resp: 42531  
 Ion Ratio Lower Upper  
 184 100  
 63 70.1 65.1 97.7  
 154 59.7 68.2 102.4#



#52  
 4-Nitrophenol  
 Concen: 16.48 ng/ul  
 RT: 14.85 min Scan# 2002  
 Delta R.T. 0.00 min  
 Lab File: BG026999.D  
 Acq: 17 May 2017 4:46

Tgt Ion:109 Resp: 60909  
 Ion Ratio Lower Upper  
 109 100  
 139 178.5 62.6 93.8#  
 65 152.5 90.4 135.6#





#53

Dibenzenofuran

Concen: 20.31 ng/ul

RT: 15.01 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BG026999.D

Acq: 17 May 2017 4:46

Instrument :

BNA\_G

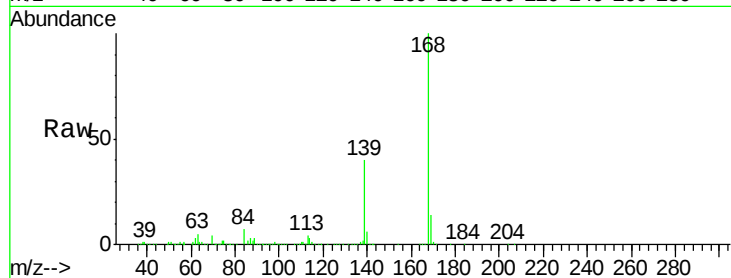
ClientSampleId :

Tot Ion:168 Resp: 841003

Ion Ratio Lower Upper

168 100

139 39.6 33.8 50.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

600000

500000

400000

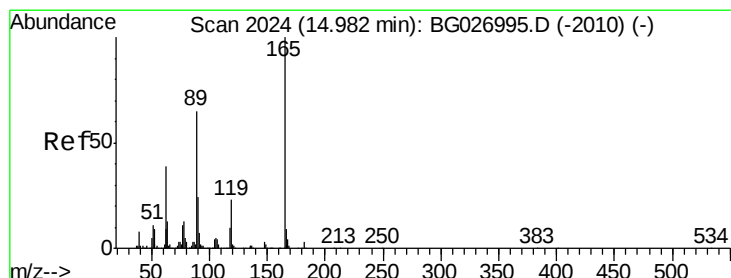
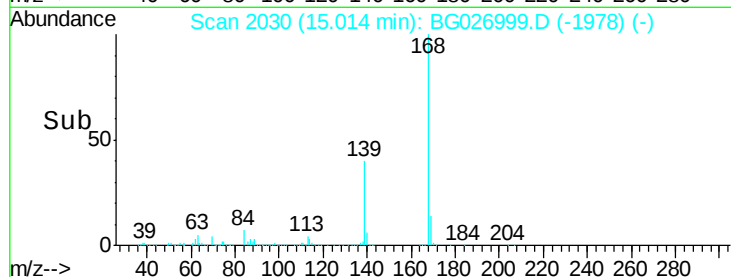
300000

200000

100000

0

Time--> 14.90 15.01 15.10



#54

2,4-Dinitrotoluene

Concen: 20.13 ng/ul

RT: 14.98 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BG026999.D

Acq: 17 May 2017 4:46

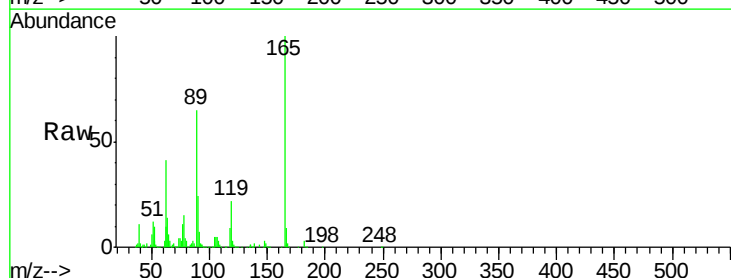
Tgt Ion:165 Resp: 208026

Ion Ratio Lower Upper

165 100

63 41.3 46.8 70.2#

182 2.6 1.8 2.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 182.00 (181.70 to 182.70): E

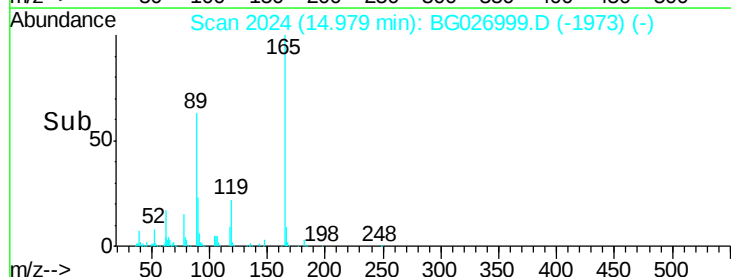
150000

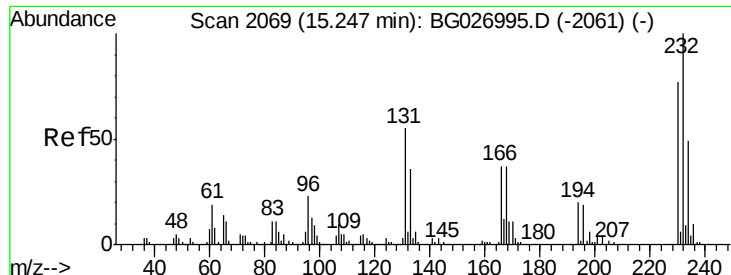
100000

50000

0

Time--> 14.90 15.00

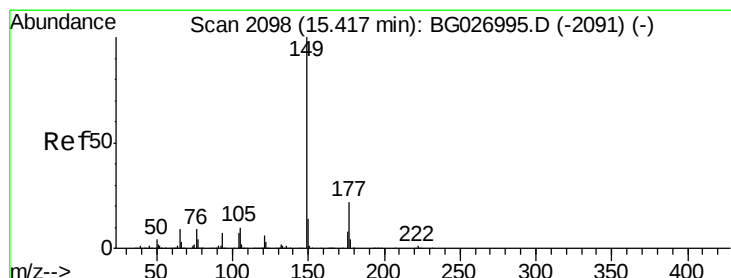
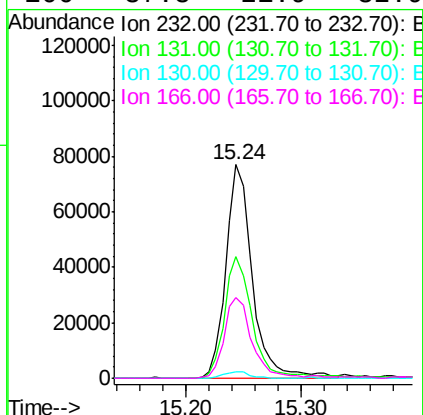
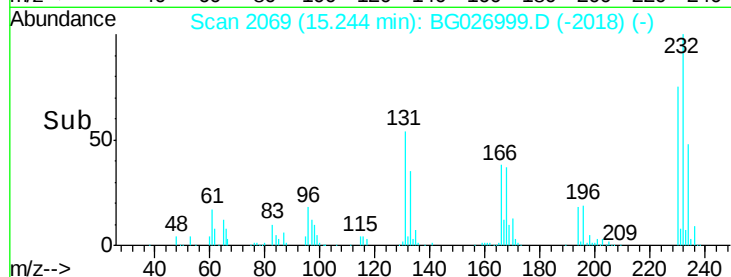
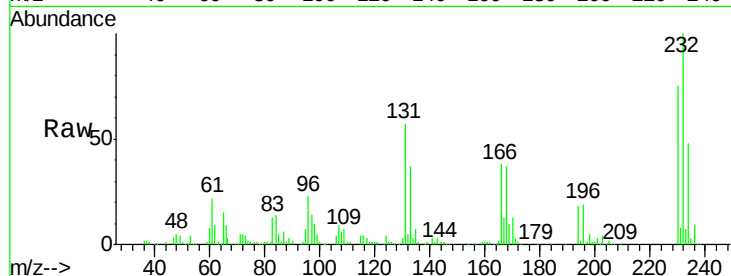




#55  
 2,3,4,6-Tetrachlorophenol  
 Concen: 19.16 ng/ul  
 RT: 15.24 min Scan# 2069  
 Delta R.T. -0.00 min  
 Lab File: BG026999.D  
 Acq: 17 May 2017 4:46

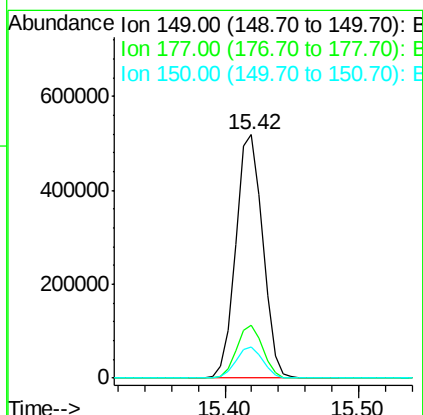
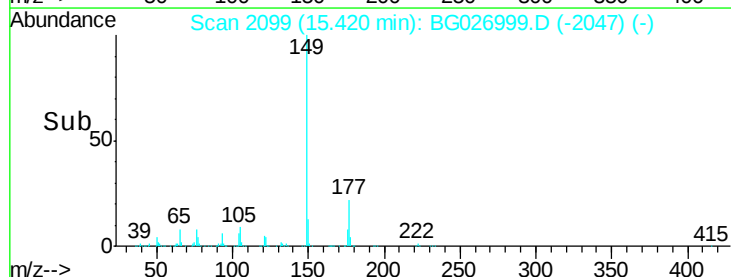
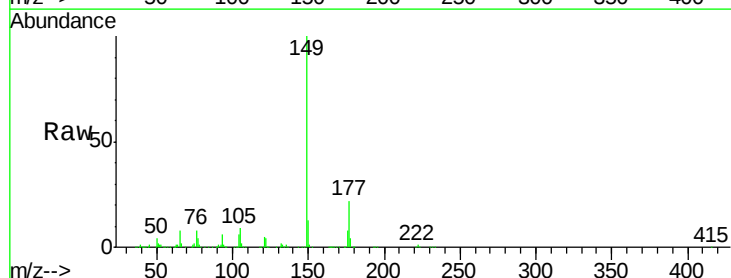
Instrument :  
 BNA\_G  
 ClientSampled :

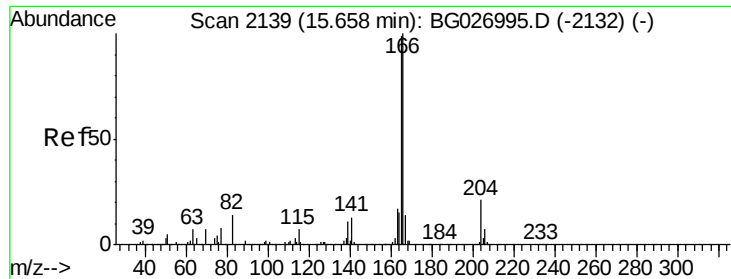
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 56.7  | 33.3  | 49.9# |
| 130     | 2.8   | 1.8   | 2.6#  |
| 166     | 37.8  | 21.9  | 32.9# |



#56  
 Diethylphthalate  
 Concen: 20.25 ng/ul  
 RT: 15.42 min Scan# 2099  
 Delta R.T. 0.00 min  
 Lab File: BG026999.D  
 Acq: 17 May 2017 4:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.7  | 17.8  | 26.8  |
| 150     | 12.9  | 10.2  | 15.4  |





#58

Fluorene

Concen: 20.10 ng/ul

RT: 15.66 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BG026999.D

Acq: 17 May 2017 4:46

Instrument :

BNA\_G

ClientSampleId :

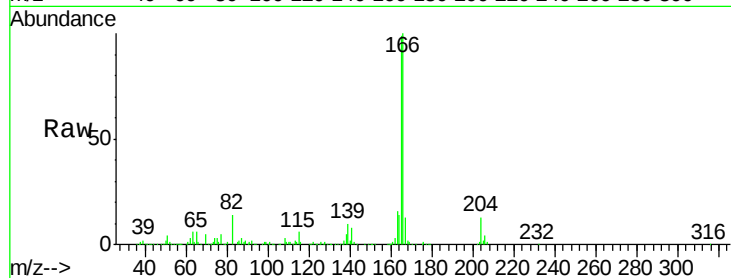
Tot Ion:166 Resp: 679342

Ion Ratio Lower Upper

166 100

165 98.8 79.7 119.5

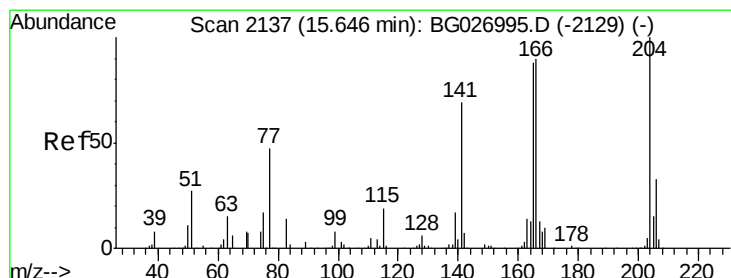
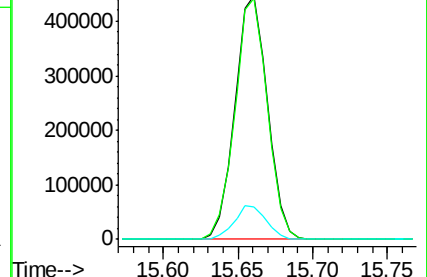
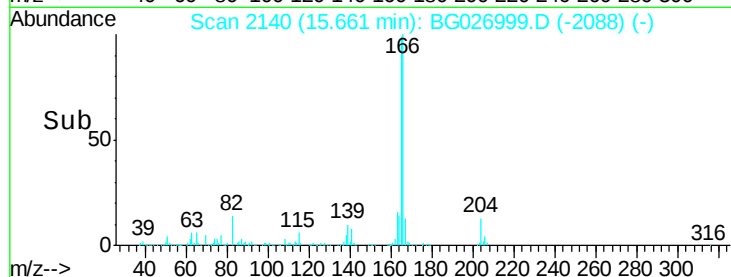
167 13.4 11.4 17.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

4-Chlorophenyl-phenylether

Concen: 20.06 ng/ul

RT: 15.64 min Scan# 2137

Delta R.T. -0.00 min

Lab File: BG026999.D

Acq: 17 May 2017 4:46

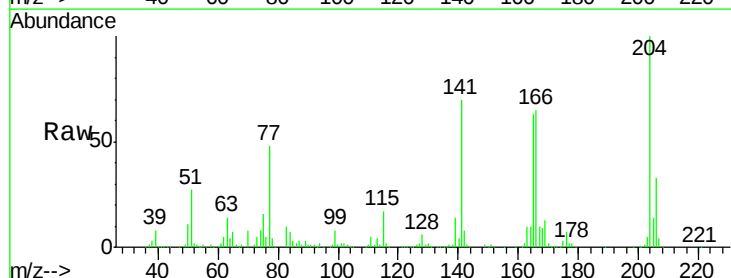
Tgt Ion:204 Resp: 295604

Ion Ratio Lower Upper

204 100

206 33.1 32.3 48.5

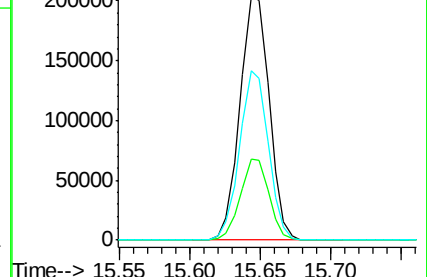
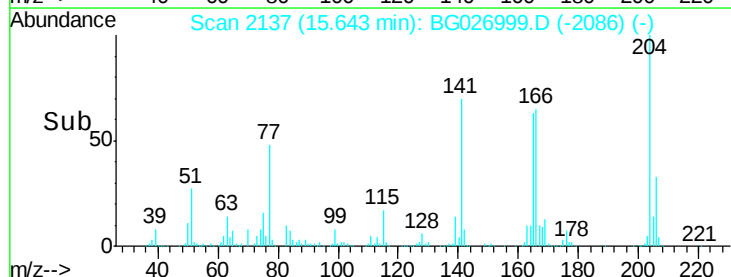
141 69.7 57.5 86.3

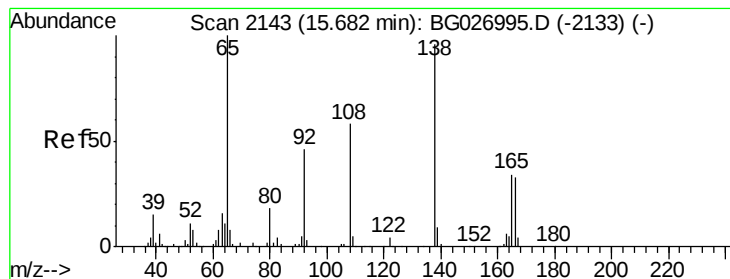


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#60

4-Nitroaniline

Concen: 19.59 ng/ul

RT: 15.68 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BG026999.D

Acq: 17 May 2017 4:46

Instrument :

BNA\_G

ClientSampleId :

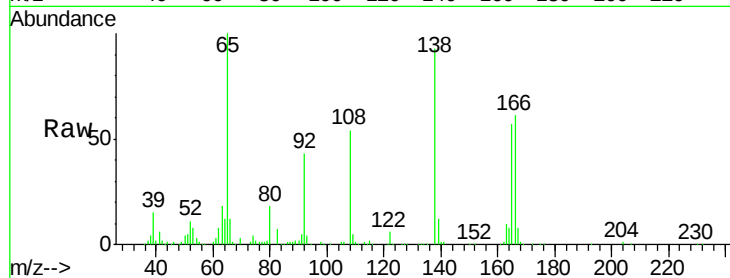
Tot Ion:138 Resp: 164137

Ion Ratio Lower Upper

138 100

92 46.5 56.9 85.3#

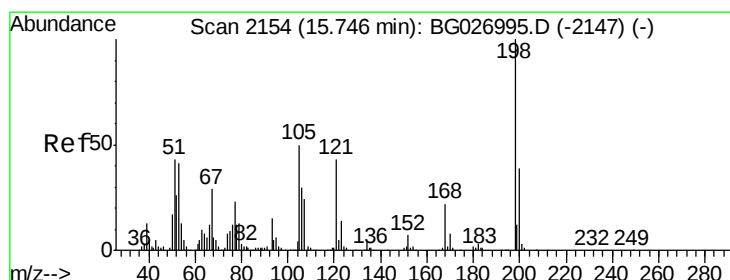
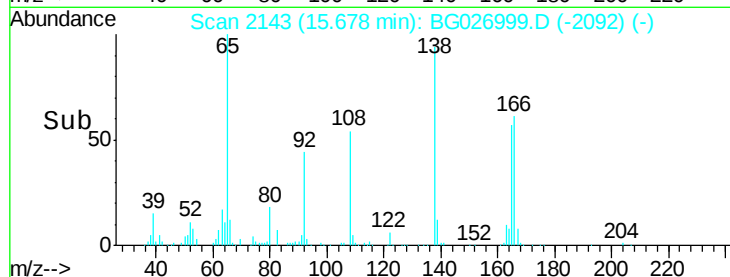
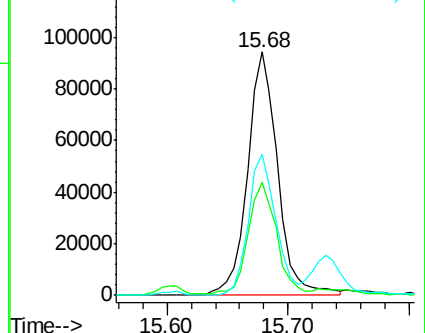
108 58.2 104.9 157.3#



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



#63

4,6-Dinitro-2-methylphenol

Concen: 17.16 ng/ul

RT: 15.75 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG026999.D

Acq: 17 May 2017 4:46

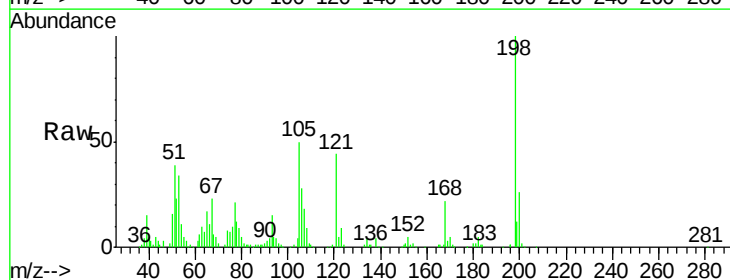
Tgt Ion:198 Resp: 89894

Ion Ratio Lower Upper

198 100

182 4.5 5.8 6.4#

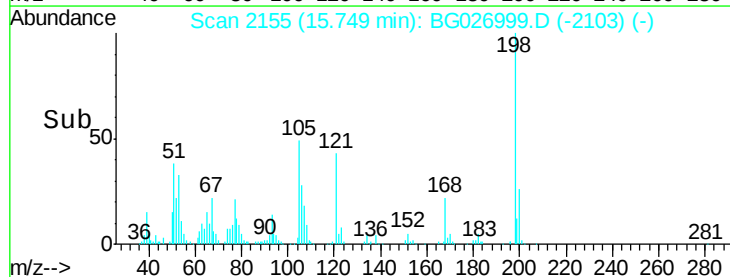
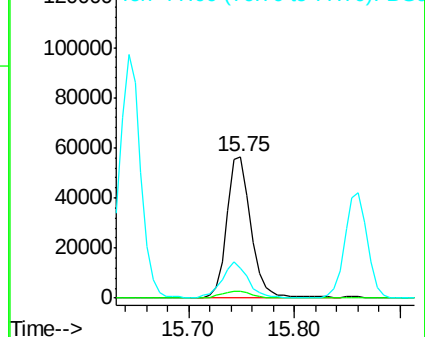
77 21.3 22.1 33.9#

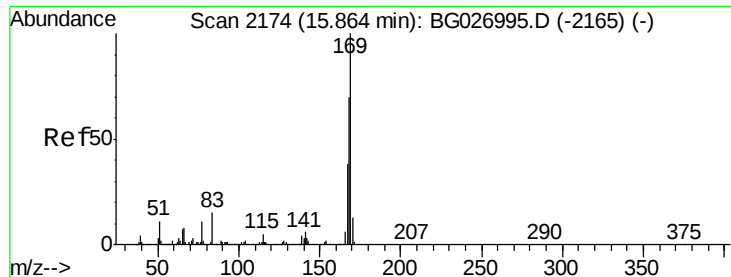


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BGC





#64

N-Nitrosodiphenylamine

Concen: 20.98 ng/ul

RT: 15.86 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BG026999.D

Acq: 17 May 2017 4:46

Instrument :

BNA\_G

ClientSampleId :

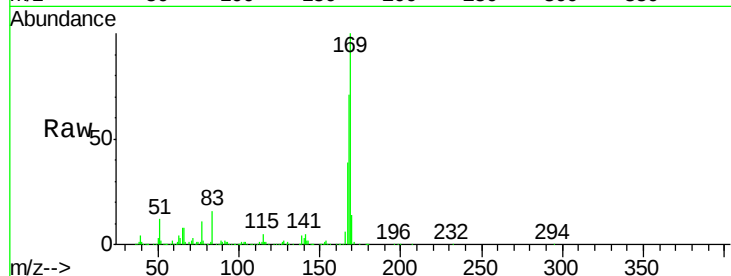
Tot Ion:169 Resp: 570988

Ion Ratio Lower Upper

169 100

168 71.3 59.1 88.7

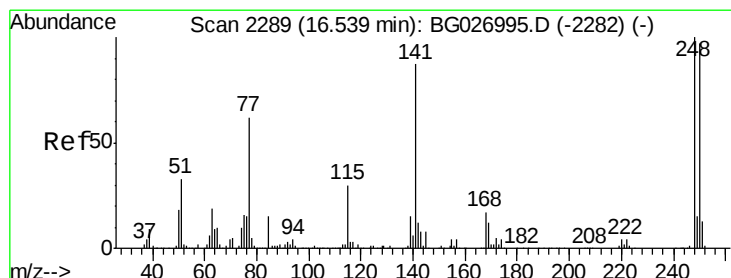
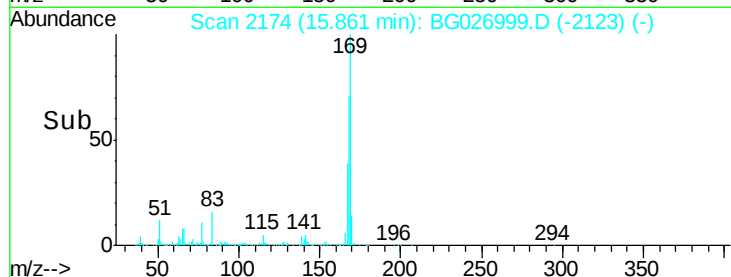
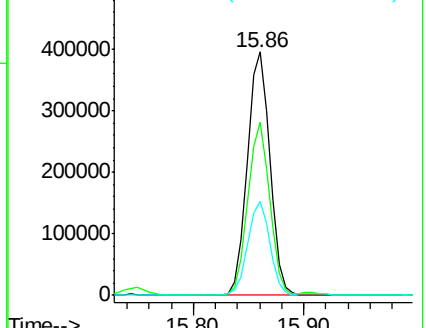
167 38.6 29.7 44.5



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#65

4-Bromophenyl-phenylether

Concen: 20.62 ng/ul

RT: 16.54 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BG026999.D

Acq: 17 May 2017 4:46

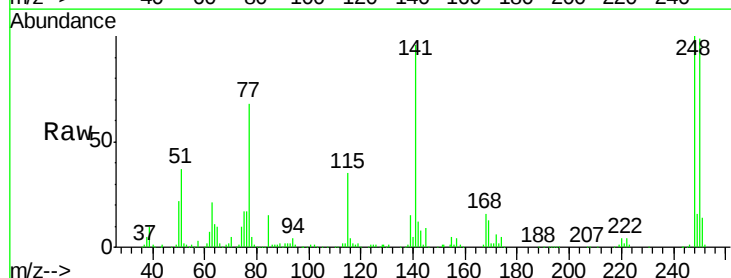
Tgt Ion:248 Resp: 170378

Ion Ratio Lower Upper

248 100

250 99.0 71.9 107.9

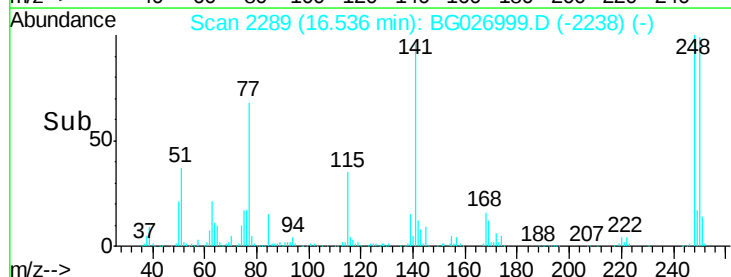
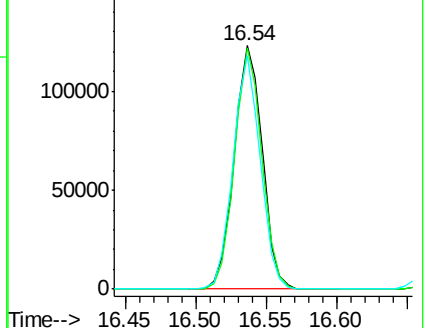
141 96.0 53.8 80.8#

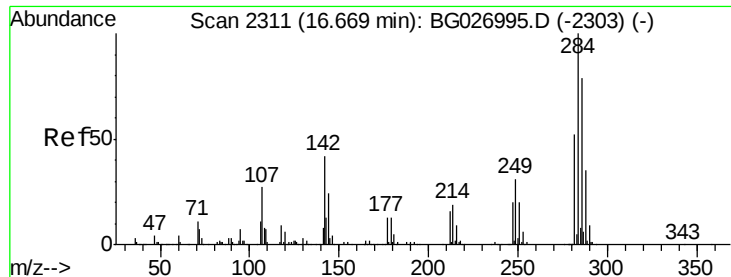


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#66

Hexachlorobenzene

Concen: 20.21 ng/ul

RT: 16.67 min Scan# 2311

Delta R.T. -0.00 min

Lab File: BG026999.D

Acq: 17 May 2017 4:46

Instrument :

BNA\_G

ClientSampleId :

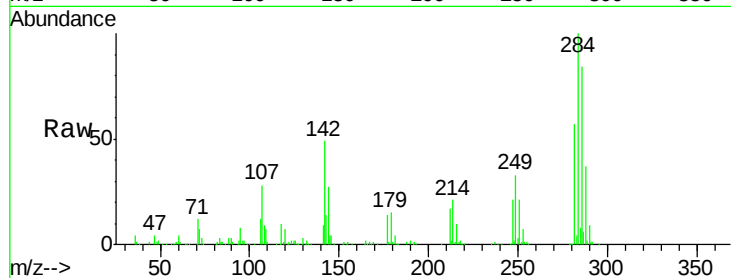
Tot Ion:284 Resp: 179819

Ion Ratio Lower Upper

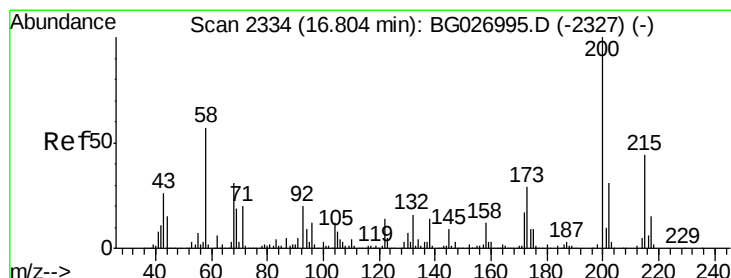
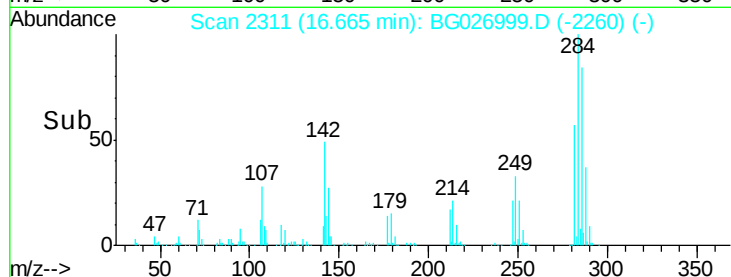
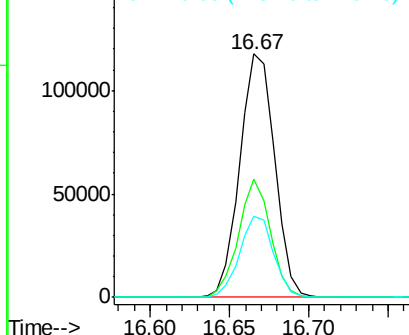
284 100

142 48.8 26.1 39.1#

249 33.1 25.9 38.9



Abundance Ion 284.00 (283.70 to 284.70): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E



#67

Atrazine

Concen: 20.67 ng/ul

RT: 16.80 min Scan# 2334

Delta R.T. -0.00 min

Lab File: BG026999.D

Acq: 17 May 2017 4:46

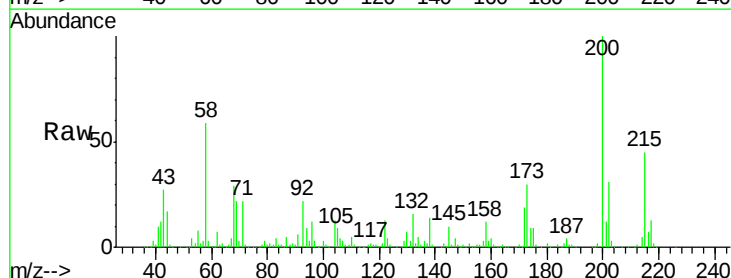
Tgt Ion:200 Resp: 175793

Ion Ratio Lower Upper

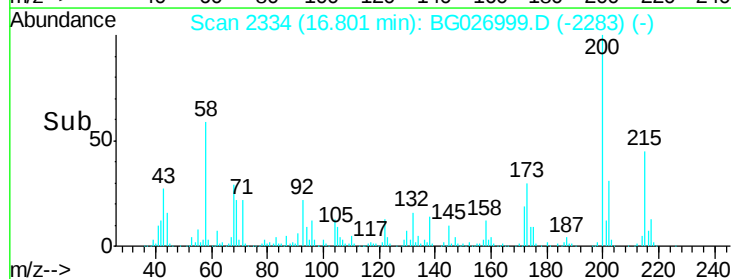
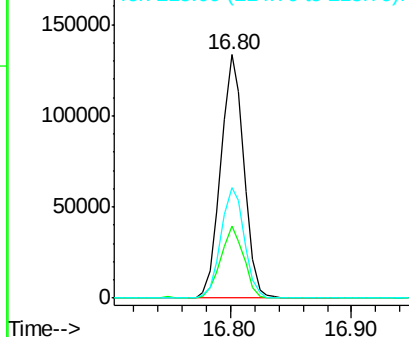
200 100

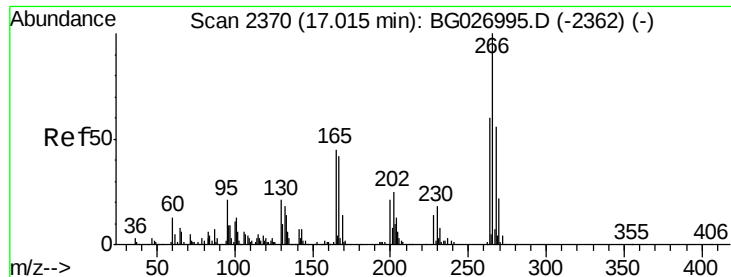
173 29.6 19.2 28.8#

215 45.3 40.3 60.5



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

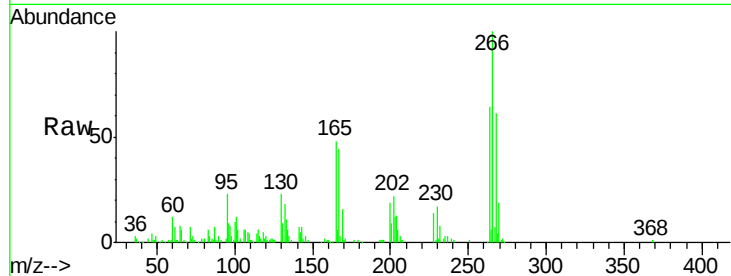




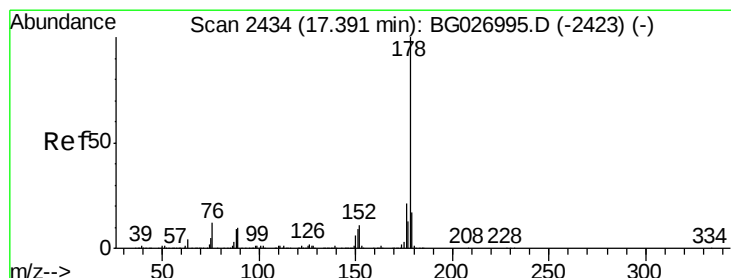
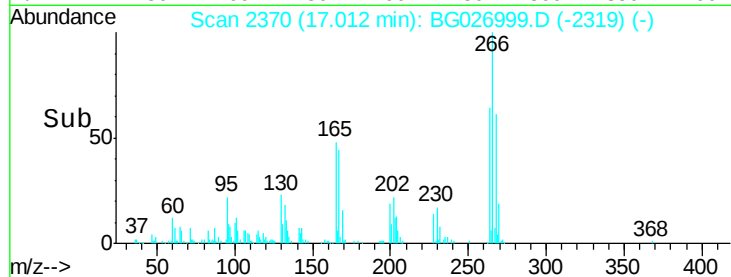
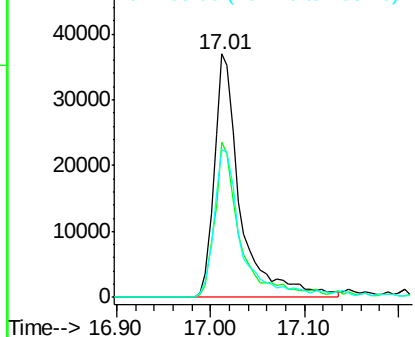
#68  
 Pentachlorophenol  
 Concen: 17.71 ng/ul  
 RT: 17.01 min Scan# 2370  
 Delta R.T. -0.00 min  
 Lab File: BG026999.D  
 Acq: 17 May 2017 4:46

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:266 Resp: 71980  
 Ion Ratio Lower Upper  
 266 100  
 264 64.0 47.1 70.7  
 268 60.8 56.2 84.4

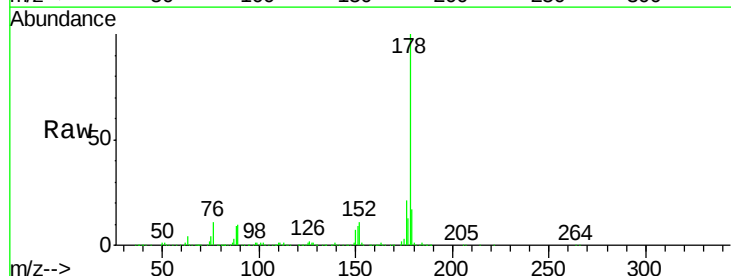


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 264.00 (263.70 to 264.70): E  
 Ion 268.00 (267.70 to 268.70): E

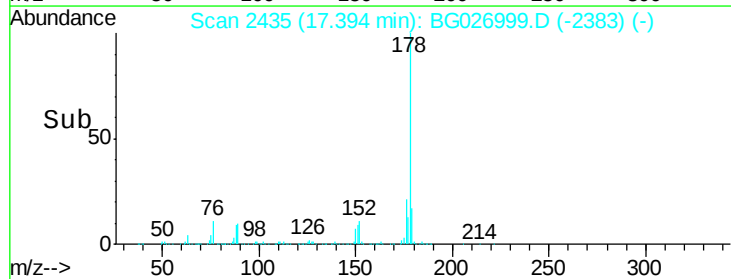
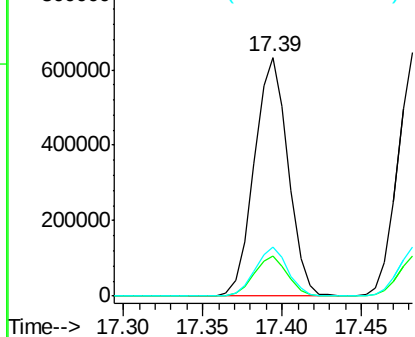


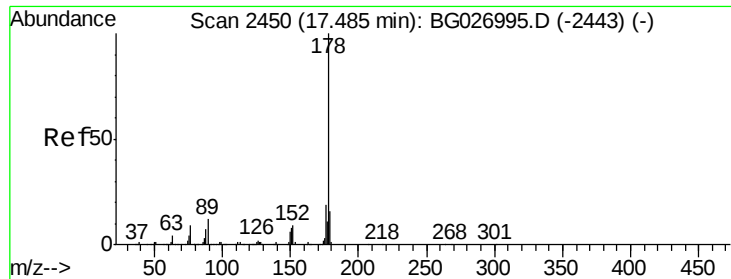
#69  
 Phenanthrene  
 Concen: 20.09 ng/ul  
 RT: 17.39 min Scan# 2435  
 Delta R.T. 0.00 min  
 Lab File: BG026999.D  
 Acq: 17 May 2017 4:46

Tgt Ion:178 Resp: 937441  
 Ion Ratio Lower Upper  
 178 100  
 179 16.9 12.4 18.6  
 176 20.8 16.5 24.7



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 176.00 (175.70 to 176.70): E

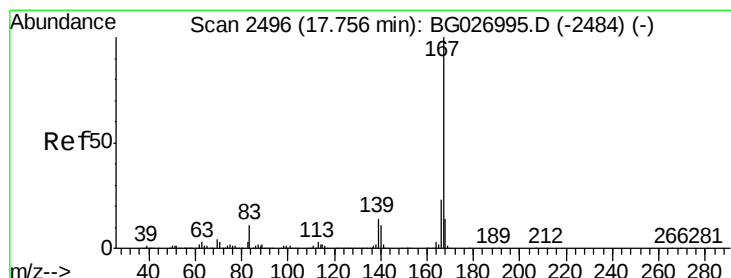
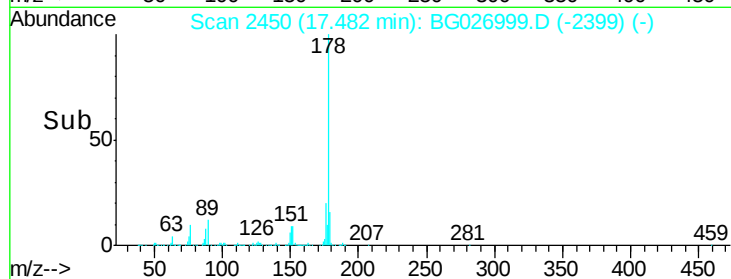
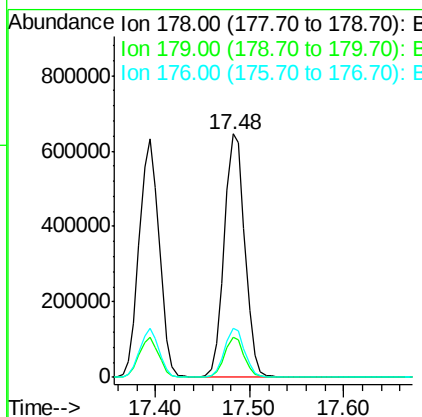
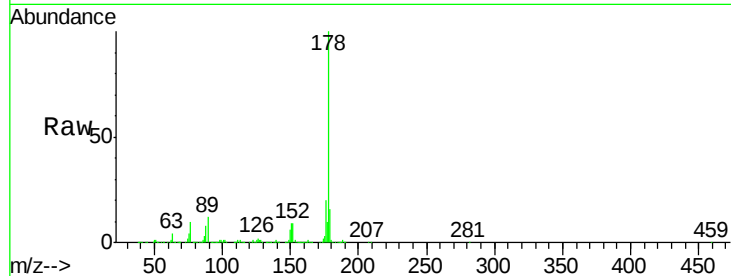




#71  
 Anthracene  
 Concen: 20.57 ng/ul  
 RT: 17.48 min Scan# 2450  
 Delta R.T. -0.00 min  
 Lab File: BG026999.D  
 Acq: 17 May 2017 4:46

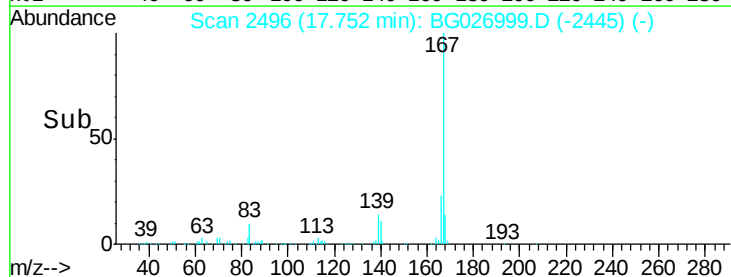
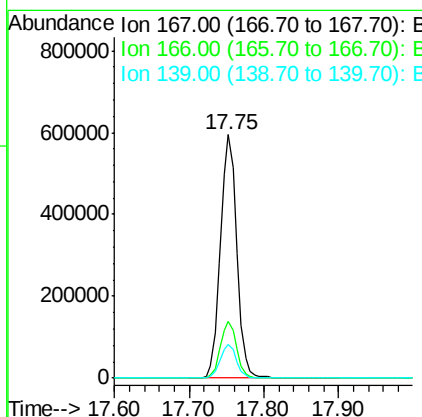
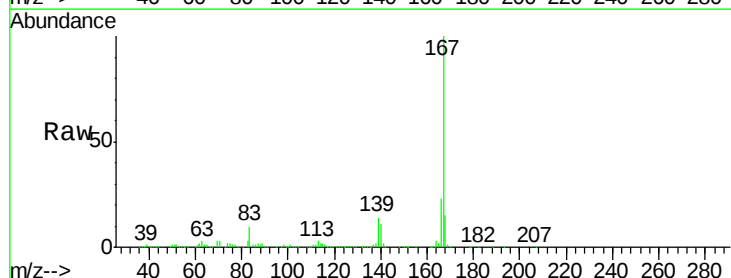
Instrument :  
 BNA\_G  
 ClientSampleId :

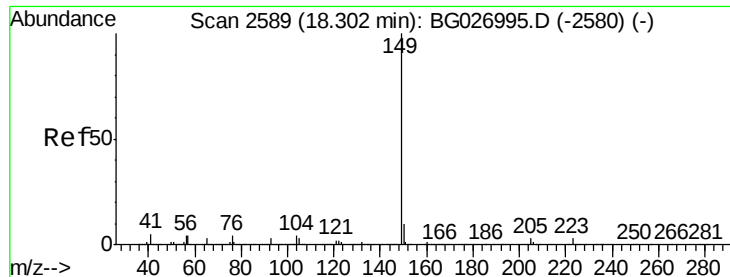
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 16.3  | 12.6  | 19.0  |
| 176     | 20.0  | 15.9  | 23.9  |



#72  
 Carbazole  
 Concen: 22.35 ng/ul  
 RT: 17.75 min Scan# 2496  
 Delta R.T. -0.00 min  
 Lab File: BG026999.D  
 Acq: 17 May 2017 4:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.4  | 17.9  | 26.9  |
| 139     | 14.1  | 10.5  | 15.7  |

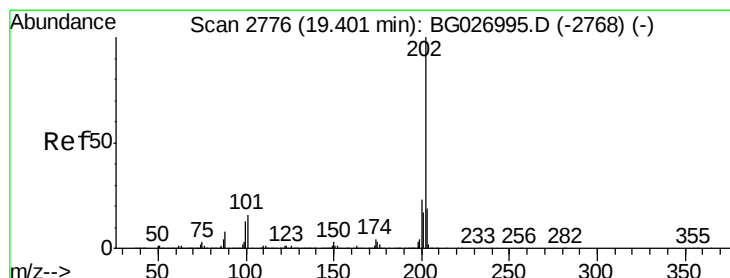
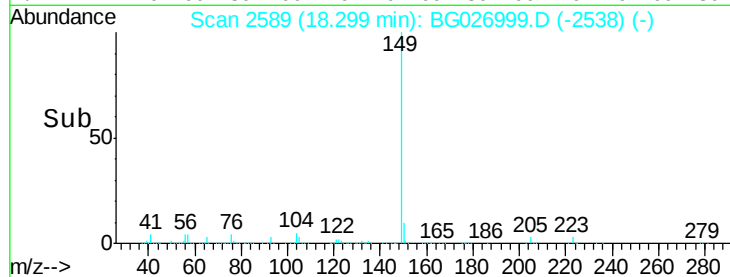
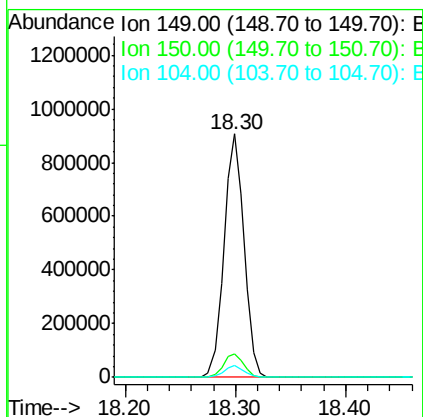
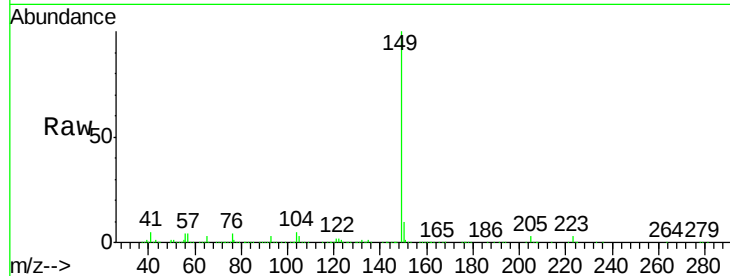




#73  
Di-n-butylphthalate  
Concen: 21.80 ng/ul  
RT: 18.30 min Scan# 2589  
Delta R.T. -0.00 min  
Lab File: BG026999.D  
Acq: 17 May 2017 4:46

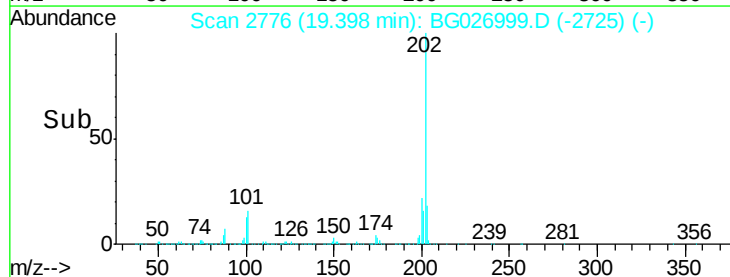
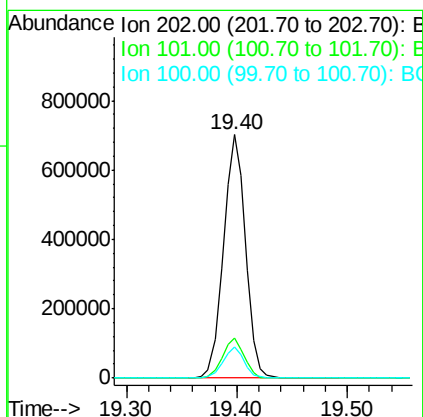
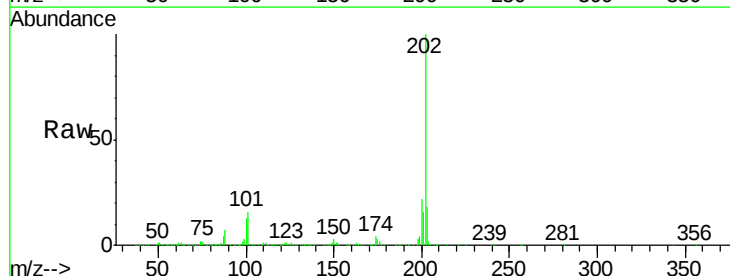
Instrument :  
BNA\_G  
ClientSampleId :

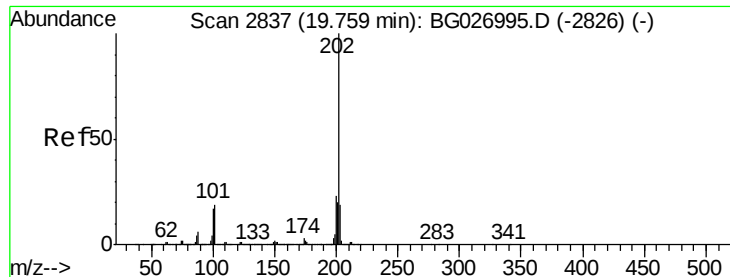
Tot Ion:149 Resp: 1147561  
Ion Ratio Lower Upper  
149 100  
150 9.7 7.9 11.9  
104 4.8 5.8 8.8#



#74  
Fluoranthene  
Concen: 22.58 ng/ul  
RT: 19.40 min Scan# 2776  
Delta R.T. -0.00 min  
Lab File: BG026999.D  
Acq: 17 May 2017 4:46

Tgt Ion:202 Resp: 978016  
Ion Ratio Lower Upper  
202 100  
101 16.2 6.2 9.2#  
100 12.7 5.2 7.8#





#77

Pvrene

Concen: 19.93 ng/ul

RT: 19.76 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG026999.D

Acq: 17 May 2017 4:46

Instrument :

BNA\_G

ClientSampleId :

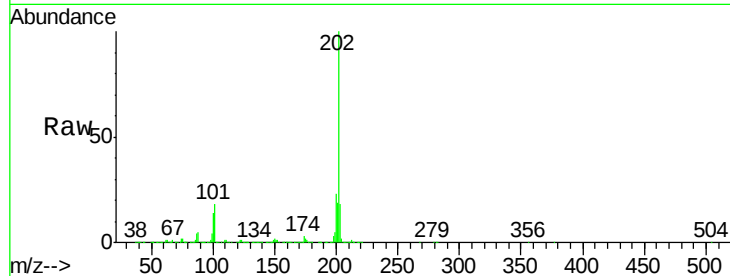
Tot Ion:202 Resp: 1004916

Ion Ratio Lower Upper

202 100

101 17.8 6.9 10.3#

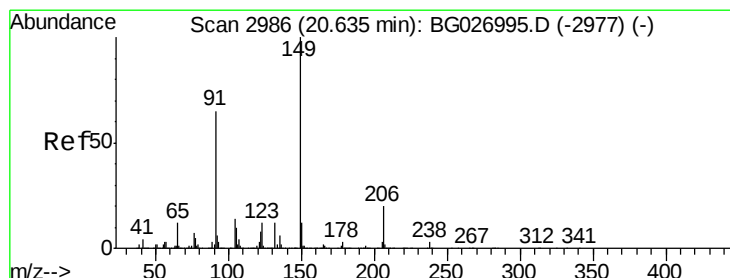
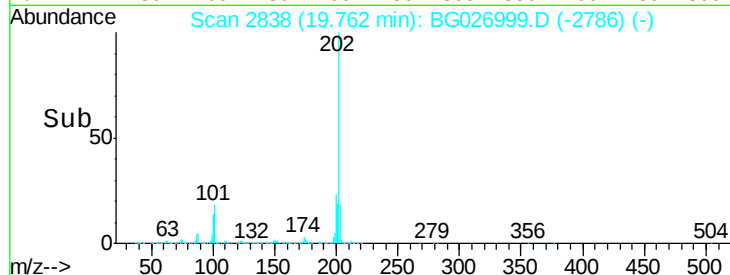
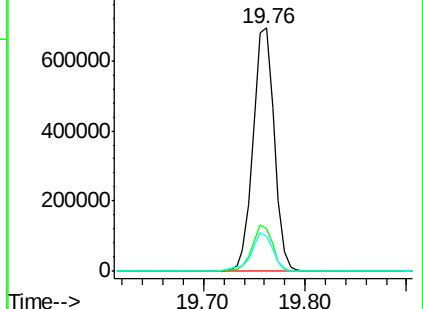
100 14.5 6.6 10.0#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#78

Butylbenzylphthalate

Concen: 22.39 ng/ul

RT: 20.63 min Scan# 2986

Delta R.T. -0.00 min

Lab File: BG026999.D

Acq: 17 May 2017 4:46

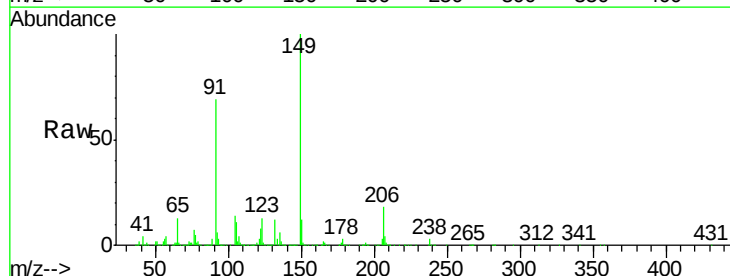
Tgt Ion:149 Resp: 524378

Ion Ratio Lower Upper

149 100

91 68.5 65.8 98.6

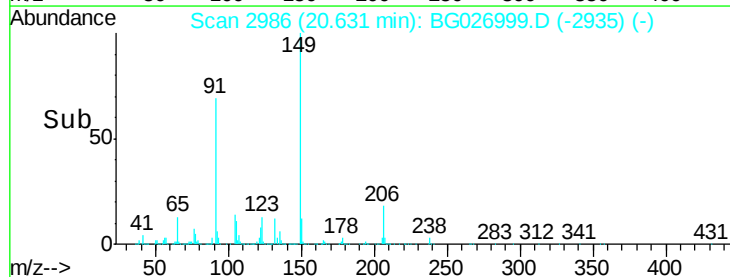
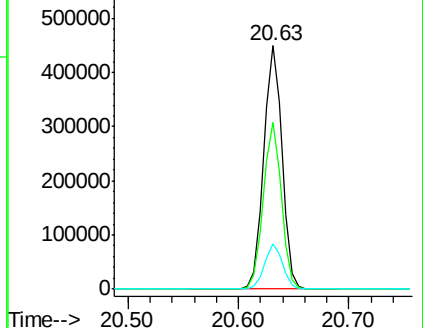
206 18.4 20.1 30.1#

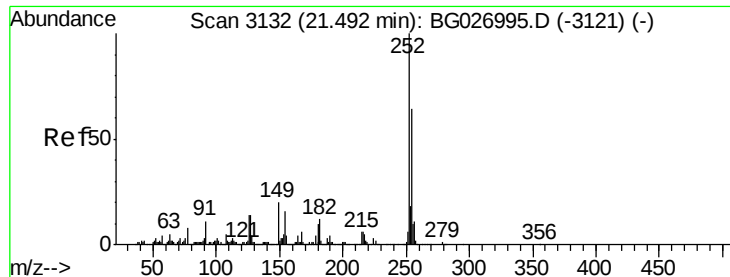


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#79

3,3'-Dichlorobenzidine

Concen: 21.94 ng/ul

RT: 21.49 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BG026999.D

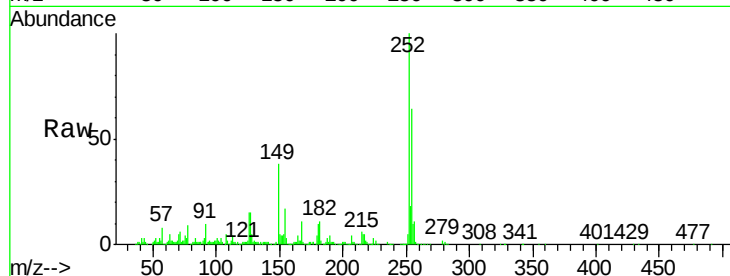
Acq: 17 May 2017 4:46

Instrument :

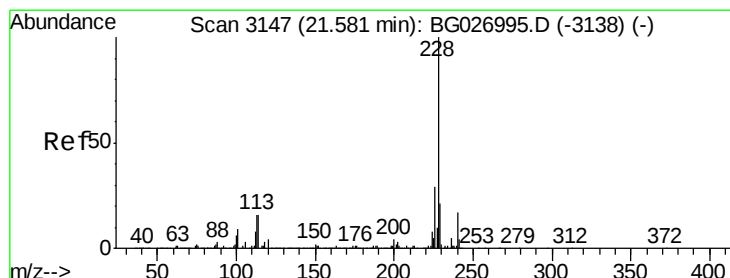
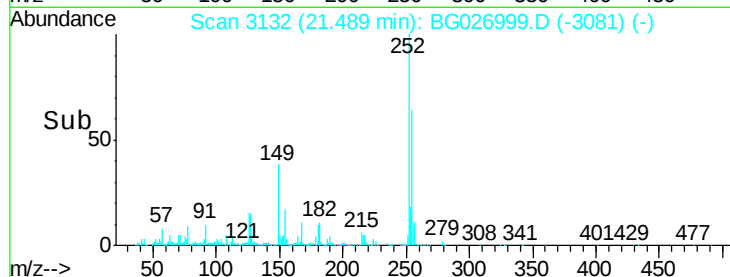
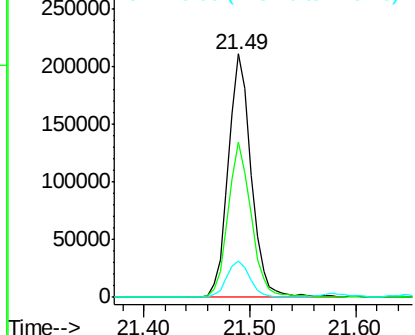
BNA\_G

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 252   | Resp: | 317041 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 254      | 63.9  | 49.0  | 73.6   |
| 126      | 14.8  | 5.1   | 7.7#   |



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 254.00 (253.70 to 254.70): E  
Ion 126.00 (125.70 to 126.70): E



#80

Benzo(a)anthracene

Concen: 20.54 ng/ul

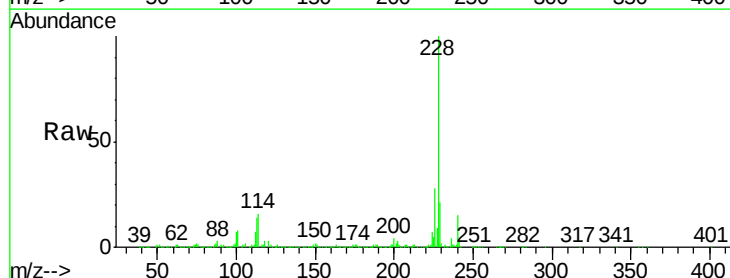
RT: 21.58 min Scan# 3147

Delta R.T. -0.00 min

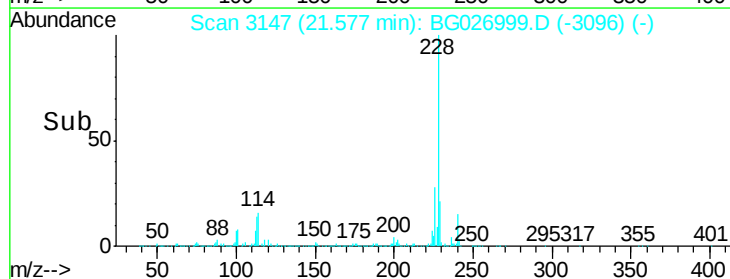
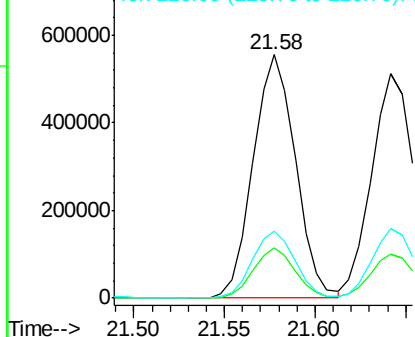
Lab File: BG026999.D

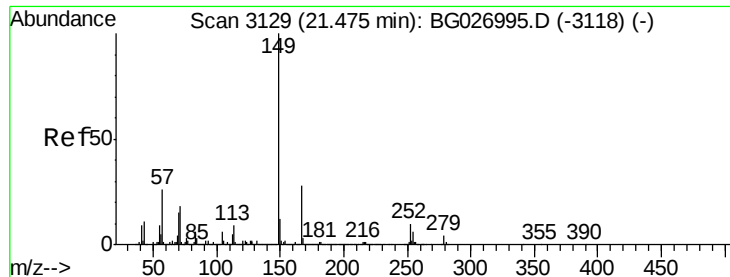
Acq: 17 May 2017 4:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 228   | Resp: | 903150 |
| Ion      | Ratio | Lower | Upper  |
| 228      | 100   |       |        |
| 229      | 20.7  | 16.3  | 24.5   |
| 226      | 27.7  | 21.9  | 32.9   |



Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 229.00 (228.70 to 229.70): E  
Ion 226.00 (225.70 to 226.70): E





#81

Bis(2-ethylhexyl)phthalate

Concen: 22.54 ng/ul

RT: 21.47 min Scan# 3129

Delta R.T. -0.00 min

Lab File: BG026999.D

Acq: 17 May 2017 4:46

Instrument :

BNA\_G

ClientSampleId :

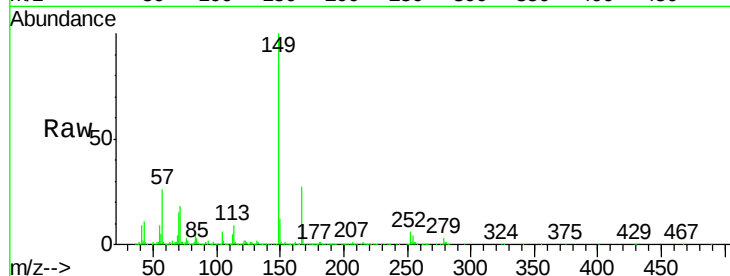
Tot Ion:149 Resp: 753474

Ion Ratio Lower Upper

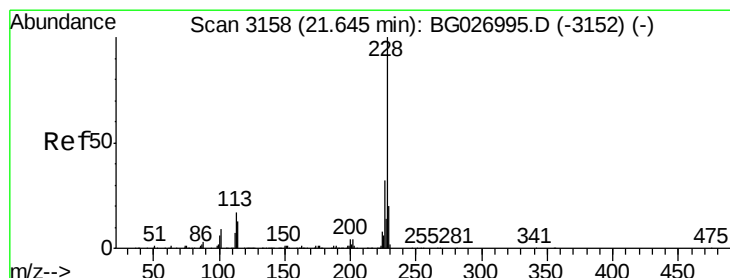
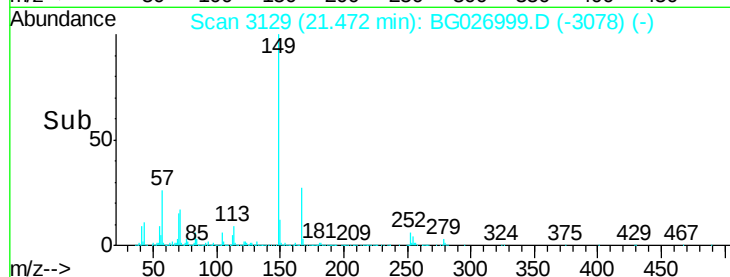
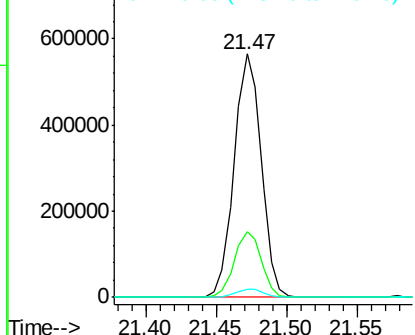
149 100

167 27.0 21.8 32.8

279 3.3 4.5 6.7#



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



#82

Chrysene

Concen: 20.23 ng/ul

RT: 21.64 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG026999.D

Acq: 17 May 2017 4:46

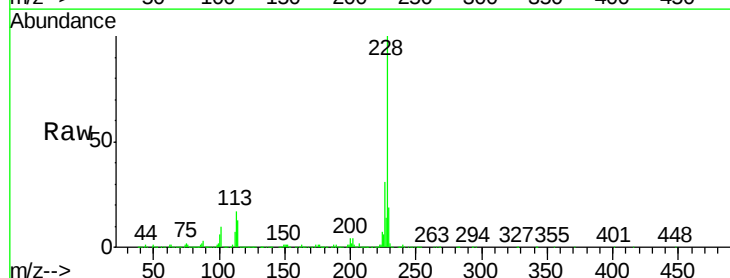
Tgt Ion:228 Resp: 826397

Ion Ratio Lower Upper

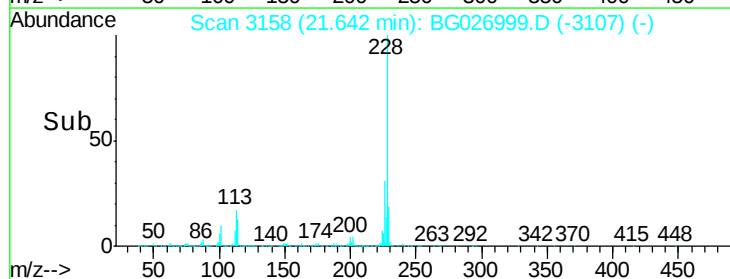
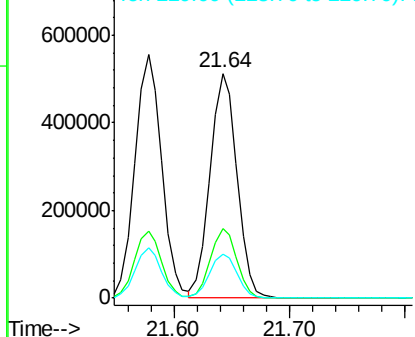
228 100

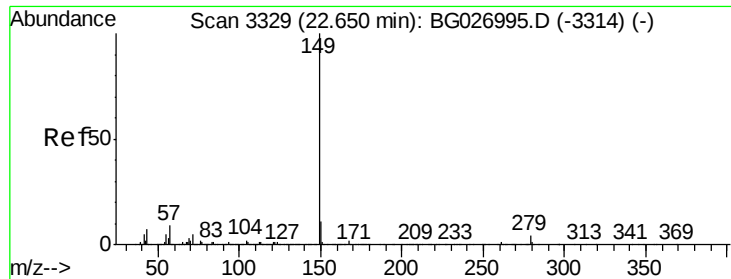
226 31.0 24.0 36.0

229 19.5 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

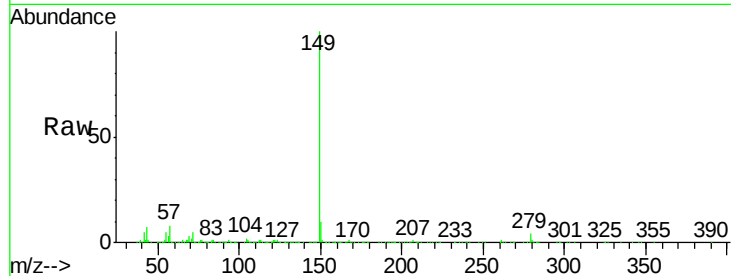




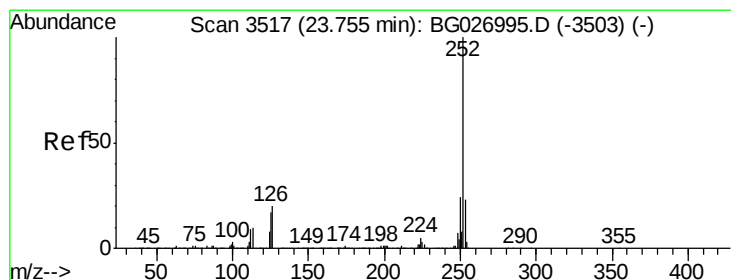
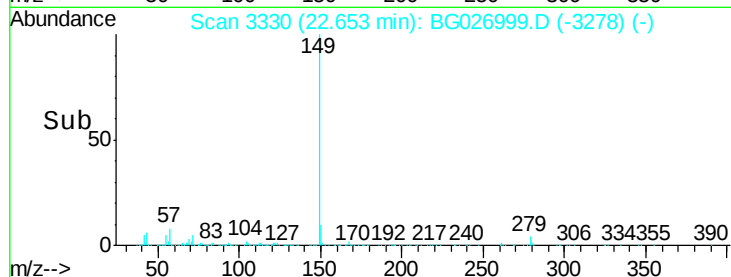
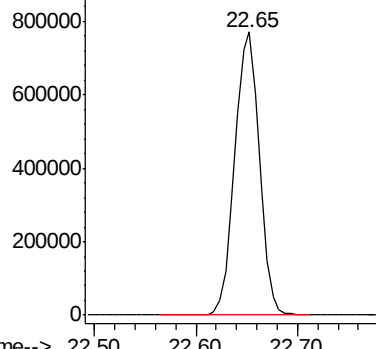
#84  
Di-n-octyl phthalate  
Concen: 25.37 ng/ul  
RT: 22.65 min Scan# 3330  
Delta R.T. 0.00 min  
Lab File: BG026999.D  
Acq: 17 May 2017 4:46

Instrument :  
BNA\_G  
ClientSampleId :

Tgt Ion:149 Resp: 1299123

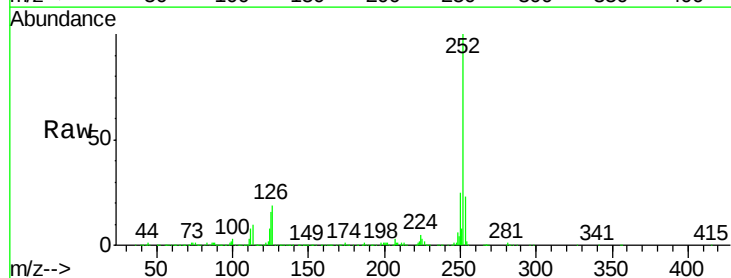


Abundance Ion 149.00 (148.70 to 149.70): E

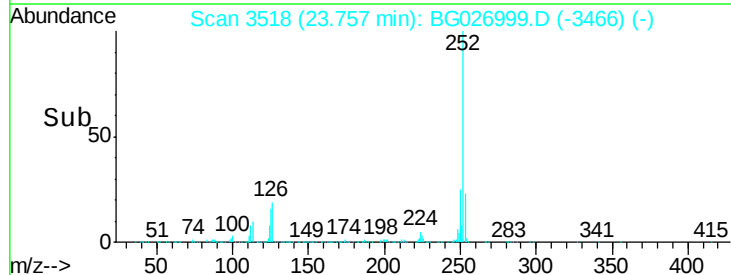
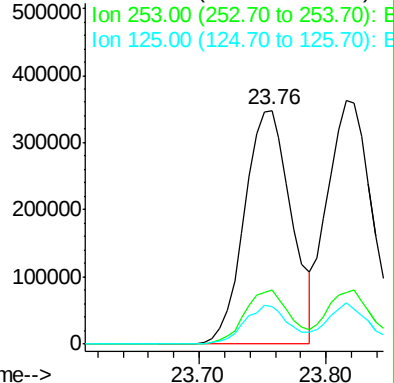


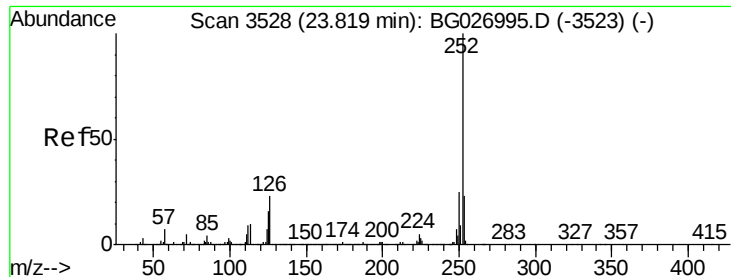
#85  
Benzo(b)fluoranthene  
Concen: 21.09 ng/ul  
RT: 23.76 min Scan# 3518  
Delta R.T. 0.00 min  
Lab File: BG026999.D  
Acq: 17 May 2017 4:46

Tgt Ion:252 Resp: 897998  
Ion Ratio Lower Upper  
252 100  
253 23.1 17.7 26.5  
125 16.0 4.0 6.0#



Abundance Ion 252.00 (251.70 to 252.70): E





#86

Benzo(k)fluoranthene

Concen: 21.56 ng/ul

RT: 23.82 min Scan# 3528

Delta R.T. -0.00 min

Lab File: BG026999.D

Acq: 17 May 2017 4:46

Instrument :

BNA\_G

ClientSampled :

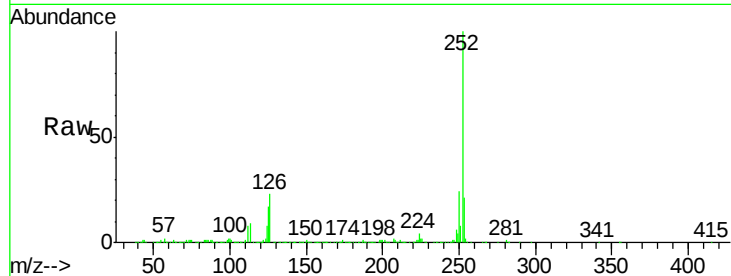
Tot Ion:252 Resp: 901854

Ion Ratio Lower Upper

252 100

253 21.3 18.5 27.7

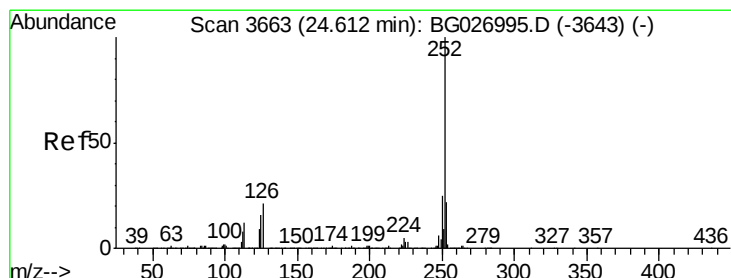
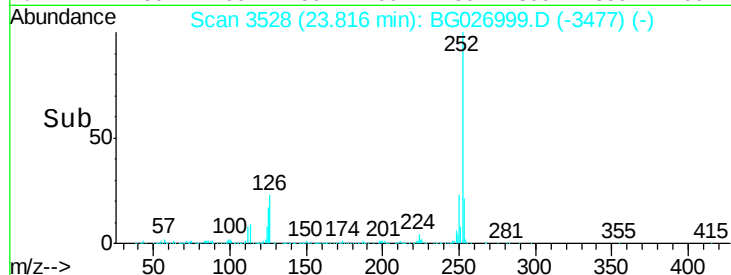
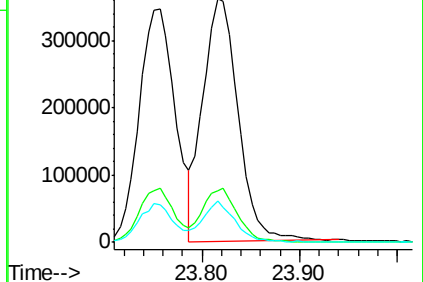
125 17.0 4.1 6.1#



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(a)pyrene

Concen: 21.27 ng/ul

RT: 24.60 min Scan# 3662

Delta R.T. -0.01 min

Lab File: BG026999.D

Acq: 17 May 2017 4:46

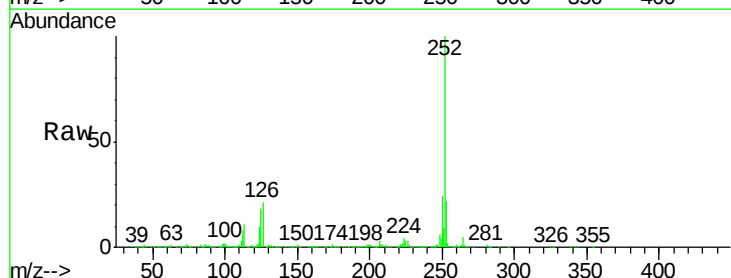
Tgt Ion:252 Resp: 891085

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

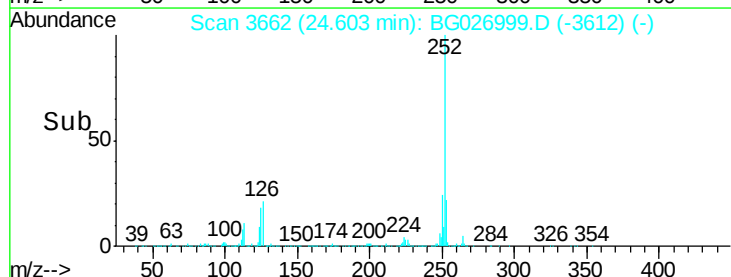
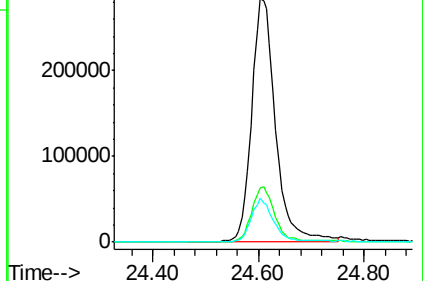
125 18.3 5.4 8.0#

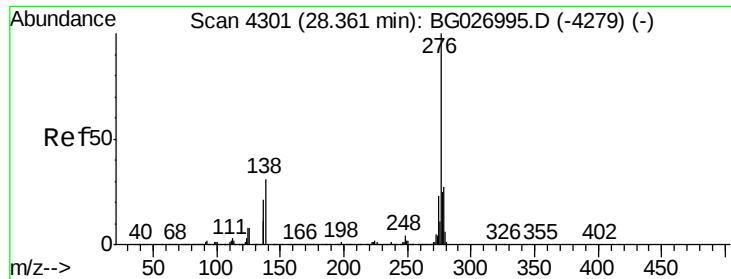


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Indeno(1,2,3-cd)pyrene

Concen: 6.37 ng/ul

RT: 28.36 min Scan# 4301

Delta R.T. -0.00 min

Lab File: BG026999.D

Acq: 17 May 2017 4:46

Instrument :

BNA\_G

ClientSampleId :

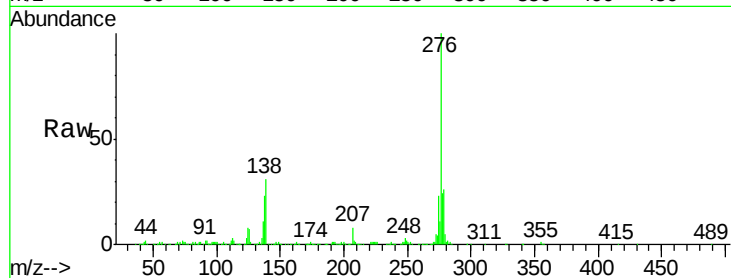
Tot Ion:276 Resp: 316308

Ion Ratio Lower Upper

276 100

138 31.2 8.2 12.4#

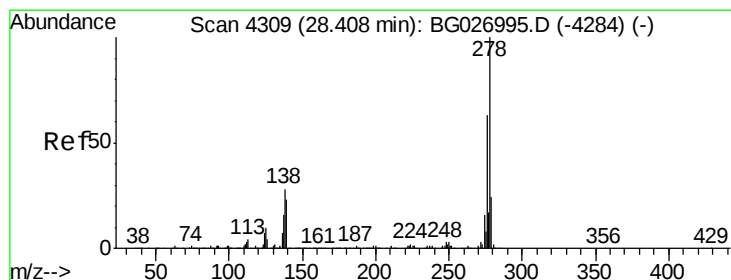
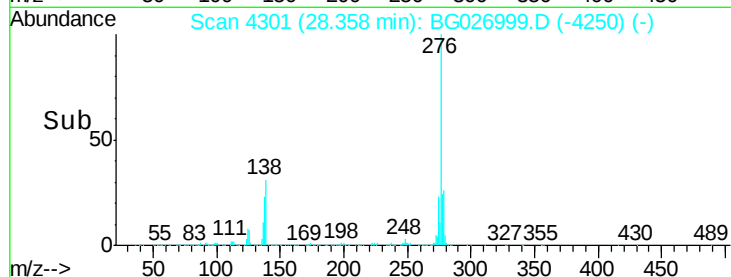
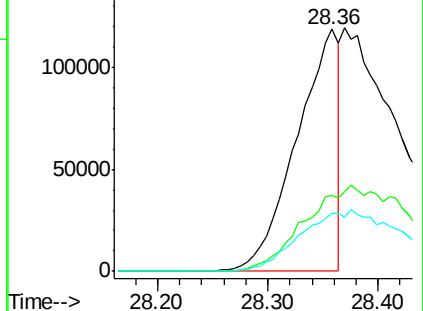
277 24.2 18.6 28.0



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



#90

Dibenzo(a,h)anthracene

Concen: 17.50 ng/ul

RT: 28.41 min Scan# 4310

Delta R.T. 0.00 min

Lab File: BG026999.D

Acq: 17 May 2017 4:46

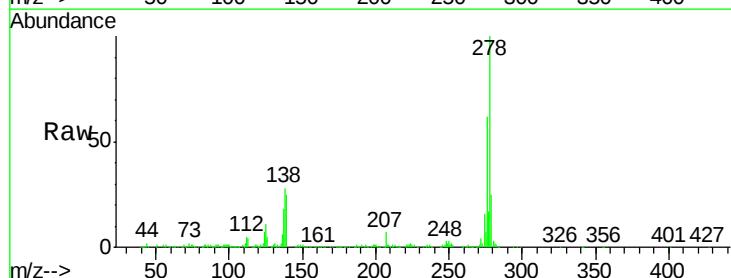
Tgt Ion:278 Resp: 737138

Ion Ratio Lower Upper

278 100

139 25.1 6.7 10.1#

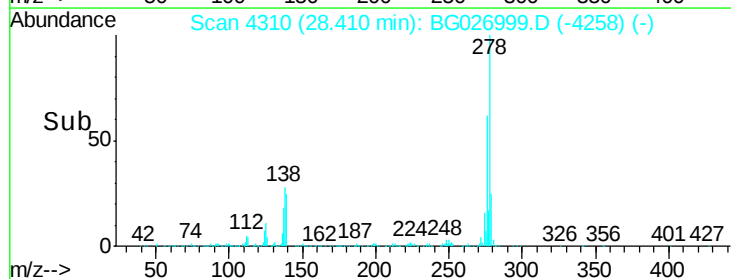
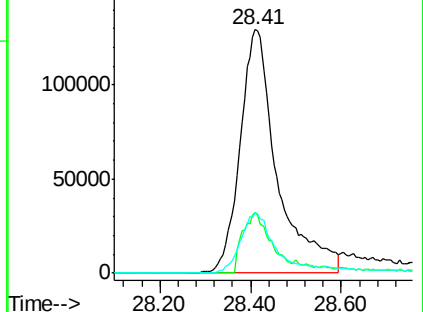
279 24.9 20.9 31.3

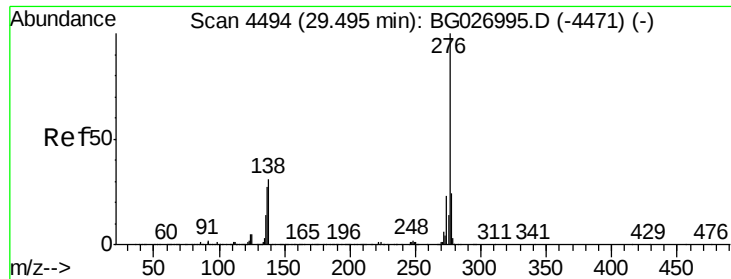


Abundance Ion 278.00 (277.70 to 278.70): E

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: 14.79 ng/ul  
 RT: 29.49 min Scan# 4494  
 Delta R.T. -0.00 min  
 Lab File: BG026999.D  
 Acq: 17 May 2017 4:46

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:276 Resp: 609471  
 Ion Ratio Lower Upper  
 276 100  
 138 29.7 8.6 12.8#  
 277 24.7 17.6 26.4

