

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072315\  
 Data File : BG018073.D  
 Acq On : 23 Jul 2015 20:18  
 Operator : TP/UM  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Jul 24 01:08:03 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG072315.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jul 23 16:20:02 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.51  | 152  | 44235    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.29 | 136  | 224138   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.18 | 164  | 149378   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.94 | 188  | 341900   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.14 | 240  | 357068   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.32 | 264  | 345830   | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.02  | 96  | 5631   | 7.96  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.69  | 99  | 62676  | 18.37 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.85  | 67  | 32839  | 19.49 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.05  | 132 | 57112  | 18.87 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.23  | 113 | 57750  | 19.08 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.66  | 128 | 32708  | 18.46 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.39  | 143 | 32708  | 17.48 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.92  | 165 | 59630  | 18.31 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.44 | 131 | 69041  | 18.23 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.60 | 166 | 199729 | 19.05 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.87 | 160 | 244684 | 18.99 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.40 | 143 | 39354  | 17.84 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.18 | 176 | 183706 | 18.95 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.31 | 200 | 36923  | 16.89 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.03 | 188 | 283984 | 19.18 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.34 | 212 | 312506 | 19.11 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.19 | 264 | 309837 | 18.77 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       |        | Ovalue |
|--------------------------------|-------|-----|--------|-------|--------|--------|
| 2) 1,4-Dioxane                 | 3.05  | 88  | 6214   | 8.18  | ng/ul  | 96     |
| 4) Benzaldehyde                | 6.66  | 77  | 34954  | 19.92 | ng/ul  | 99     |
| 6) Phenol                      | 6.72  | 94  | 66548  | 19.10 | ng/ul  | 98     |
| 8) Bis(2-Chloroethyl)ether     | 6.95  | 93  | 51147  | 19.68 | ng/ul  | 97     |
| 10) 2-Chlorophenol             | 7.08  | 128 | 56807  | 18.97 | ng/ul  | 98     |
| 11) 2-Methylphenol             | 7.96  | 108 | 54758  | 19.03 | ng/ul  | 97     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.05  | 45  | 53796  | 19.56 | ng/ul  | 99     |
| 14) Acetophenone               | 8.33  | 105 | 84172  | 19.73 | ng/ul  | 94     |
| 15) N-Nitroso-di-n-propylamine | 8.32  | 70  | 44430  | 19.61 | ng/ul  | 99     |
| 16) 4-Methylphenol             | 8.29  | 108 | 60164  | 18.89 | ng/ul  | 97     |
| 17) Hexachloroethane           | 8.58  | 117 | 22591  | 19.58 | ng/ul  | 100    |
| 20) Nitrobenzene               | 8.71  | 77  | 61705  | 18.93 | ng/ul  | 98     |
| 21) Isophorone                 | 9.23  | 82  | 127047 | 18.69 | ng/ul  | 99     |
| 23) 2-Nitrophenol              | 9.41  | 139 | 37041  | 18.39 | ng/ul  | 97     |
| 24) 2,4-Dimethylphenol         | 9.49  | 107 | 66548  | 18.79 | ng/ul  | 96     |
| 25) Bis(2-Chloroethoxy)methane | 9.72  | 93  | 72608  | 18.99 | ng/ul  | 100    |
| 27) 2,4-Dichlorophenol         | 9.94  | 162 | 59316  | 18.83 | ng/ul  | 95     |
| 28) Naphthalene                | 10.34 | 128 | 199757 | 19.02 | ng/ul  | 98     |
| 30) 4-Chloroaniline            | 10.46 | 127 | 72860  | 18.67 | ng/ul  | 100    |
| 31) Hexachlorobutadiene        | 10.63 | 225 | 33102  | 17.93 | ng/ul  | 96     |
| 32) Caprolactam                | 11.21 | 113 | 15062  | 10.03 | ng/ul# | 87     |
| 33) 4-Chloro-3-methylphenol    | 11.60 | 107 | 63671  | 18.53 | ng/ul  | 99     |
| 34) 2-Methylnaphthalene        | 11.97 | 142 | 151637 | 19.12 | ng/ul  | 99     |

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072315\  
 Data File : BG018073.D  
 Acq On : 23 Jul 2015 20:18  
 Operator : TP/UM  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Jul 24 01:08:03 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG072315.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jul 23 16:20:02 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 35) 1-Methylnaphthalene        | 12.19 | 142  | 147579   | 19.07 | ng/ul  | 98       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.35 | 216  | 72454    | 18.87 | ng/ul  | 98       |
| 38) Hexachlorocyclopentadiene  | 12.33 | 237  | 37525    | 16.68 | ng/ul  | 95       |
| 39) 2,4,6-Trichlorophenol      | 12.60 | 196  | 45969    | 17.84 | ng/ul  | 96       |
| 40) 2,4,5-Trichlorophenol      | 12.66 | 196  | 51314    | 18.31 | ng/ul  | 95       |
| 41) 1,1'-Biphenyl              | 13.00 | 154  | 196706   | 19.23 | ng/ul  | 99       |
| 42) 2-Chloronaphthalene        | 13.04 | 162  | 154030   | 19.12 | ng/ul  | 98       |
| 43) 2-Nitroaniline             | 13.26 | 65   | 38613    | 18.25 | ng/ul  | 98       |
| 45) Dimethylphthalate          | 13.65 | 163  | 200620   | 19.01 | ng/ul  | 99       |
| 46) 2,6-Dinitrotoluene         | 13.77 | 165  | 45212    | 18.68 | ng/ul  | 94       |
| 48) Acenaphthylene             | 13.90 | 152  | 261720   | 19.34 | ng/ul  | 99       |
| 49) 3-Nitroaniline             | 14.09 | 138  | 39758    | 18.32 | ng/ul  | 98       |
| 50) Acenaphthene               | 14.24 | 153  | 169046   | 19.08 | ng/ul  | 98       |
| 51) 2,4-Dinitrophenol          | 14.30 | 184  | 17624    | 14.02 | ng/ul# | 90       |
| 53) 4-Nitrophenol              | 14.41 | 109  | 26839    | 18.49 | ng/ul  | 99       |
| 54) Dibenzofuran               | 14.58 | 168  | 243813   | 19.37 | ng/ul  | 100      |
| 55) 2,4-Dinitrotoluene         | 14.56 | 165  | 64610    | 18.58 | ng/ul  | 99       |
| 56) 2,3,4,6-Tetrachlorophenol  | 14.81 | 232  | 43079    | 17.23 | ng/ul  | 89       |
| 57) Diethylphthalate           | 15.03 | 149  | 209364   | 18.99 | ng/ul  | 100      |
| 59) Fluorene                   | 15.24 | 166  | 208276   | 19.22 | ng/ul  | 100      |
| 60) 4-Chlorophenyl-phenylether | 15.24 | 204  | 101148   | 18.63 | ng/ul  | 97       |
| 61) 4-Nitroaniline             | 15.26 | 138  | 50346    | 18.74 | ng/ul  | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 15.33 | 198  | 39097    | 16.99 | ng/ul  | 97       |
| 65) N-Nitrosodiphenylamine     | 15.45 | 169  | 179347   | 19.25 | ng/ul  | 97       |
| 66) 4-Bromophenyl-phenylether  | 16.13 | 248  | 63275    | 18.82 | ng/ul  | 95       |
| 67) Hexachlorobenzene          | 16.24 | 284  | 70280    | 18.66 | ng/ul  | 95       |
| 68) Atrazine                   | 16.41 | 200  | 67048    | 18.61 | ng/ul  | 99       |
| 69) Pentachlorophenol          | 16.59 | 266  | 31791    | 15.55 | ng/ul  | 95       |
| 70) Phenanthrene               | 16.98 | 178  | 332077   | 19.33 | ng/ul  | 99       |
| 72) Anthracene                 | 17.06 | 178  | 341234   | 19.56 | ng/ul  | 99       |
| 73) 1,2,3,4-Tetrachlorobenzene | 12.96 | 216  | 72969    | 18.97 | ng/uL  | 99       |
| 74) Pentachlorobenzene         | 14.50 | 250  | 76043    | 18.80 | ng/uL  | 98       |
| 75) Carbazole                  | 17.34 | 167  | 305836   | 20.24 | ng/ul  | 99       |
| 76) Di-n-butylphthalate        | 17.92 | 149  | 384922   | 19.35 | ng/ul  | 99       |
| 77) Fluoranthene               | 19.00 | 202  | 380634   | 20.80 | ng/ul  | 99       |
| 80) Pvrene                     | 19.37 | 202  | 398209   | 19.47 | ng/ul  | 98       |
| 81) Butylbenzylphthalate       | 20.29 | 149  | 157438   | 18.82 | ng/ul  | 97       |
| 82) 3,3'-Dichlorobenzidine     | 21.07 | 252  | 97866    | 17.28 | ng/ul  | 99       |
| 83) Benzo(a)anthracene         | 21.12 | 228  | 358580   | 18.99 | ng/ul  | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.07 | 149  | 227706   | 18.99 | ng/ul  | 99       |
| 85) Chrysene                   | 21.17 | 228  | 340101   | 19.13 | ng/ul  | 97       |
| 87) Di-n-octyl phthalate       | 21.94 | 149  | 376024   | 20.29 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 22.67 | 252  | 353581   | 18.66 | ng/ul  | 97       |
| 89) Benzo(k)fluoranthene       | 22.71 | 252  | 350901   | 19.14 | ng/ul  | 98       |
| 91) Benzo(a)pyrene             | 23.23 | 252  | 347033   | 18.91 | ng/ul  | 99       |
| 92) Indeno(1,2,3-cd)pyrene     | 25.53 | 276  | 393033   | 18.56 | ng/ul  | 98       |
| 93) Dibenzo(a,h)anthracene     | 25.54 | 278  | 335746   | 18.57 | ng/ul  | 99       |
| 94) Benzo(a,h,i)perylene       | 26.20 | 276  | 322747   | 18.45 | ng/ul  | 97       |

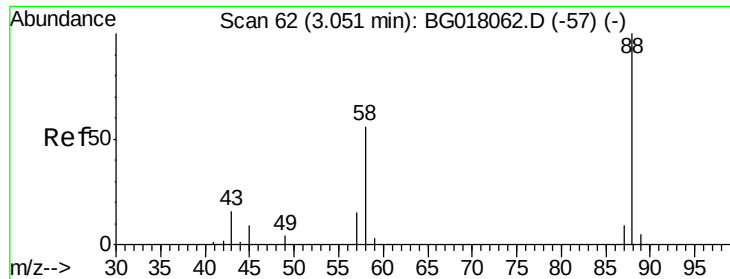
Data Path : Z:\HPCHEM1\BNA G\DATA\BG072315\  
Data File : BG018073.D  
Acq On : 23 Jul 2015 20:18  
Operator : TP/UM  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :

Quant Time: Jul 24 01:08:03 2015  
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Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jul 23 16:20:02 2015  
Response via : Initial Calibration

| Internal Standards                                                   | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |





#2

1,4-Dioxane

Concen: 8.18 ng/uL

RT: 3.05 min Scan# 62

Delta R.T. 0.00 min

Lab File: BG018073.D

Acq: 23 Jul 2015 20:18

Instrument :

BNA\_G

ClientSampleId :

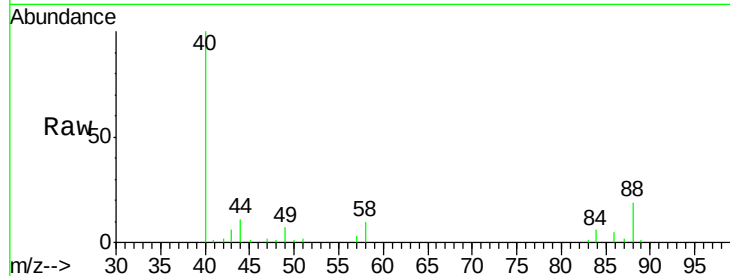
Tot Ion: 88 Resp: 6214

Ion Ratio Lower Upper

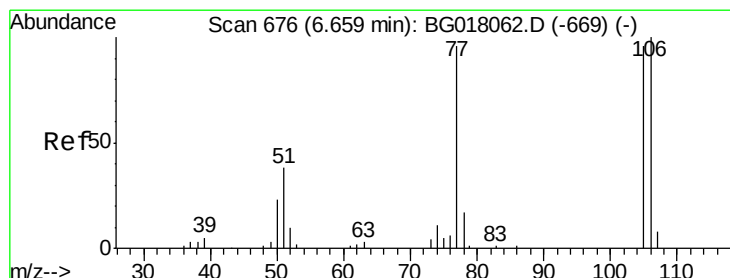
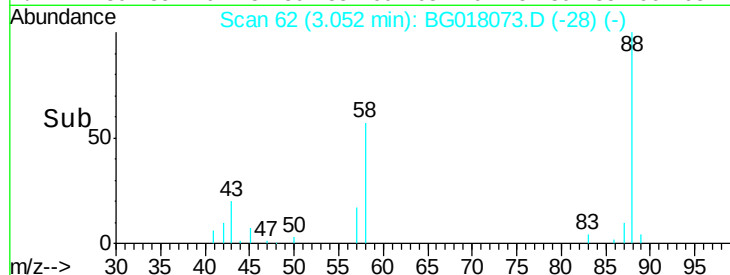
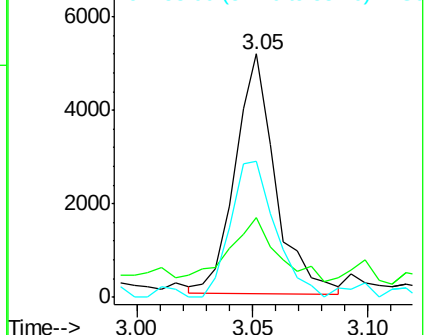
88 100

43 31.0 22.6 33.8

58 63.2 48.6 73.0



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: 19.92 ng/uL

RT: 6.66 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG018073.D

Acq: 23 Jul 2015 20:18

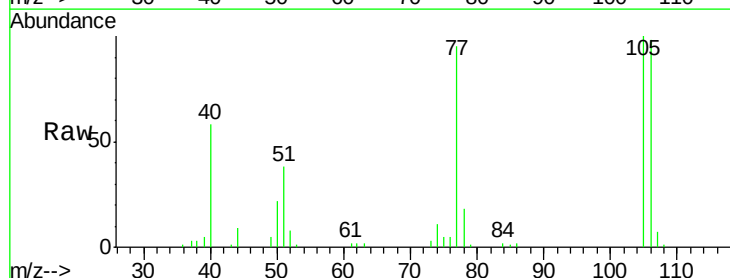
Tgt Ion: 77 Resp: 34954

Ion Ratio Lower Upper

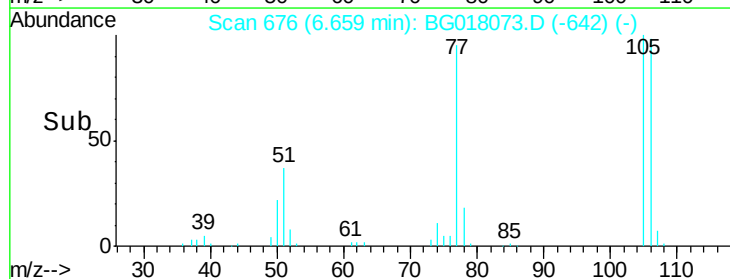
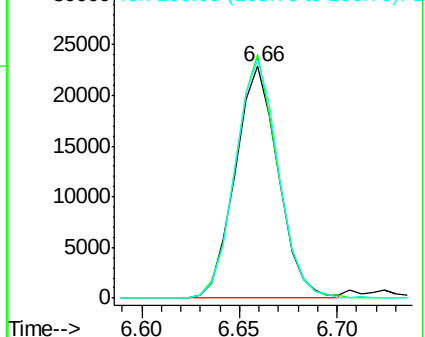
77 100

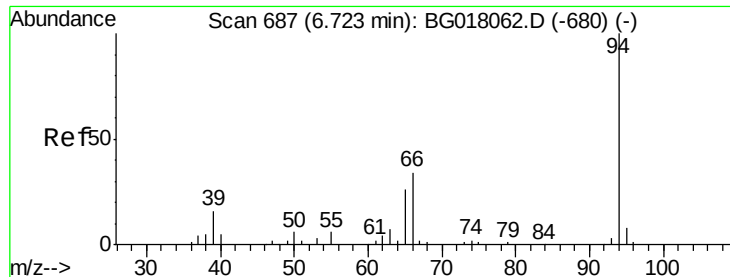
105 105.1 83.4 125.2

106 103.1 81.0 121.6



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: 19.10 ng/ul

RT: 6.72 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG018073.D

Acq: 23 Jul 2015 20:18

Instrument :

BNA\_G

ClientSampled :

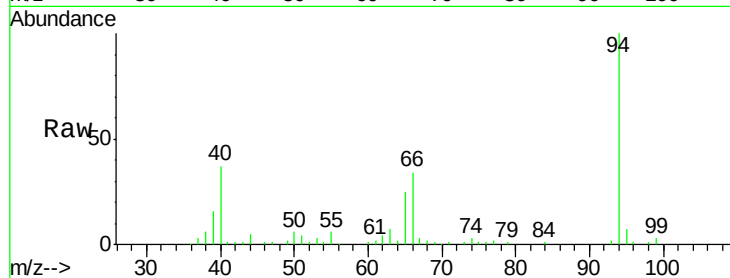
Tot Ion: 94 Resp: 66548

Ion Ratio Lower Upper

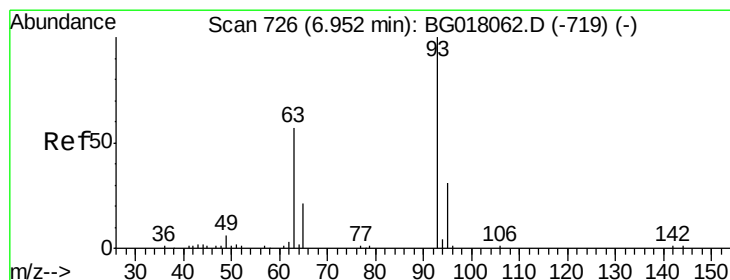
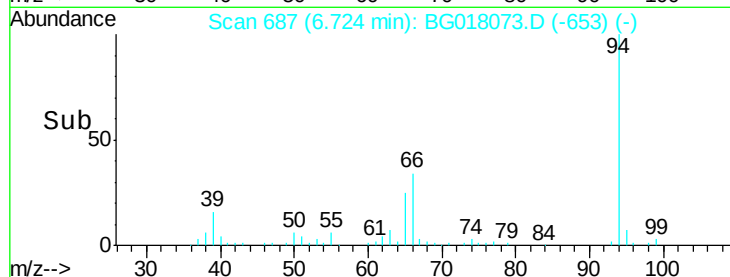
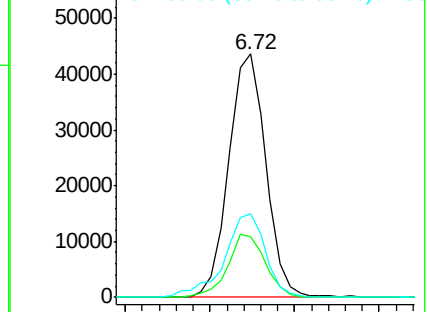
94 100

65 24.9 20.1 30.1

66 34.3 25.9 38.9



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: 19.68 ng/ul

RT: 6.95 min Scan# 725

Delta R.T. -0.01 min

Lab File: BG018073.D

Acq: 23 Jul 2015 20:18

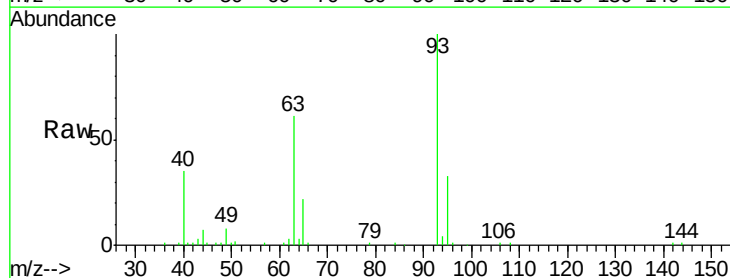
Tgt Ion: 93 Resp: 51147

Ion Ratio Lower Upper

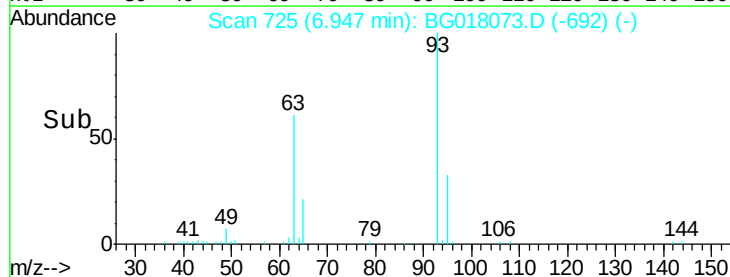
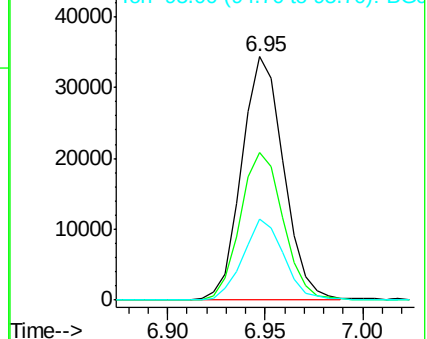
93 100

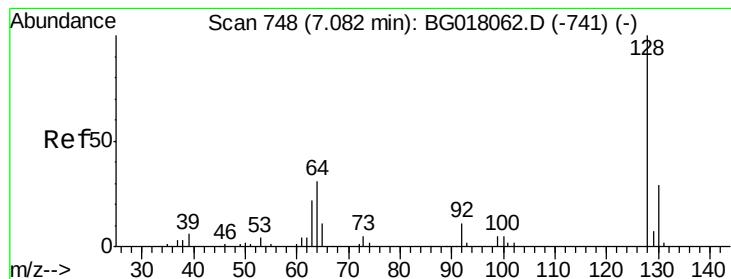
63 60.5 50.8 76.2

95 33.4 26.2 39.2



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: 18.97 ng/ul

RT: 7.08 min Scan# 747

Delta R.T. -0.01 min

Lab File: BG018073.D

Acq: 23 Jul 2015 20:18

Instrument :

BNA\_G

ClientSampleId :

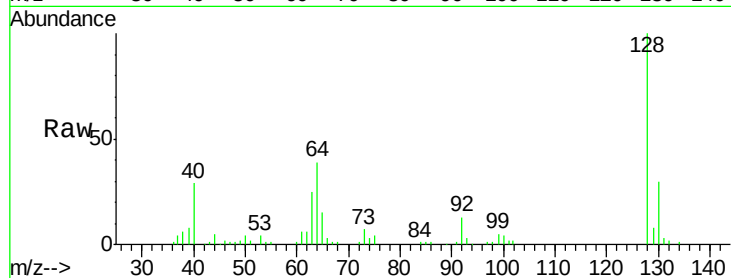
Tot Ion:128 Resp: 56807

Ion Ratio Lower Upper

128 100

64 39.0 29.4 44.2

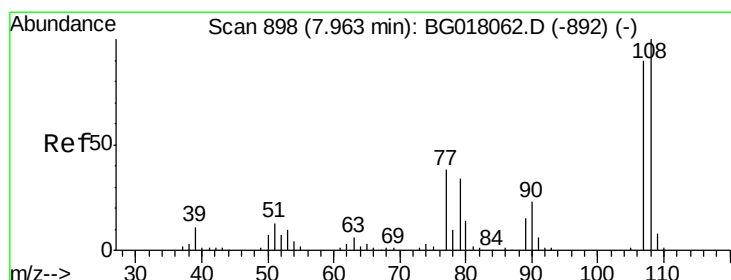
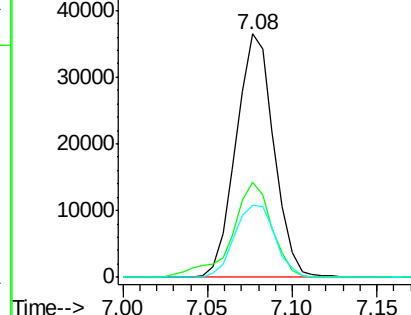
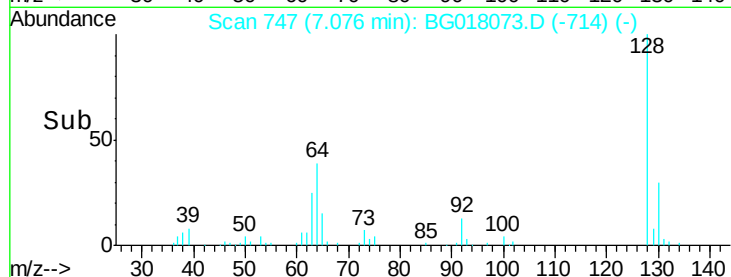
130 29.8 24.2 36.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 19.03 ng/ul

RT: 7.96 min Scan# 898

Delta R.T. 0.00 min

Lab File: BG018073.D

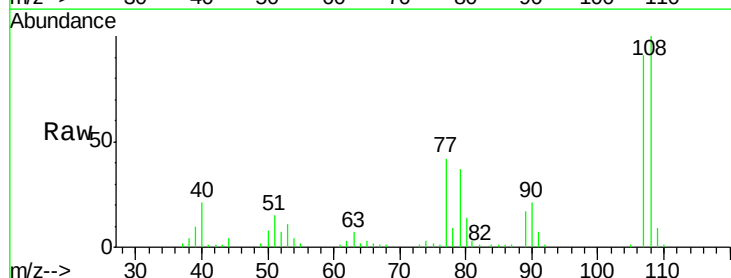
Acq: 23 Jul 2015 20:18

Tgt Ion:108 Resp: 54758

Ion Ratio Lower Upper

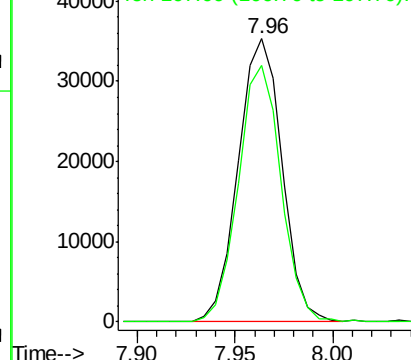
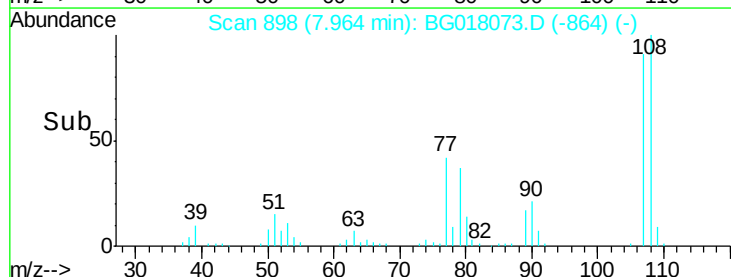
108 100

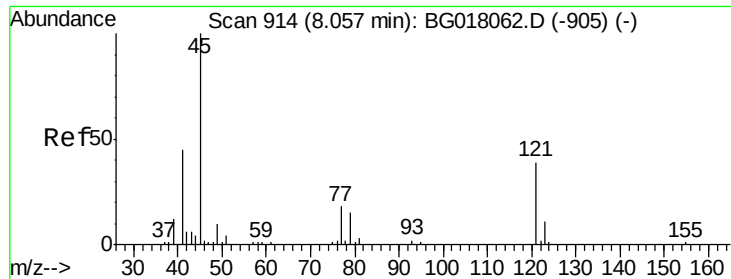
107 90.6 70.2 105.4



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

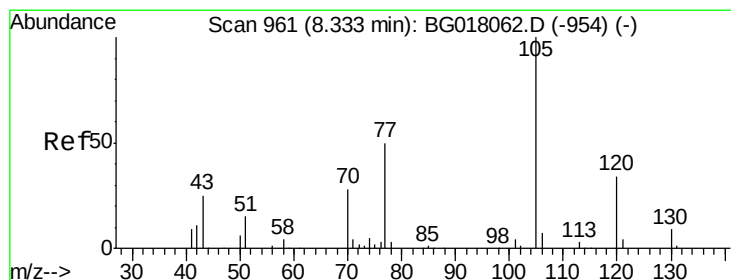
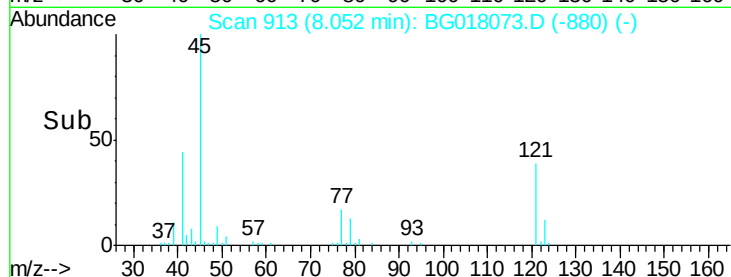
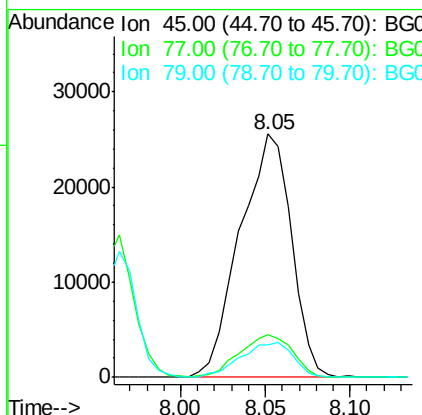
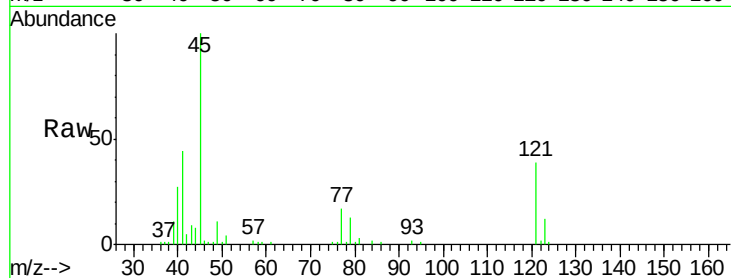




#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 19.56 ng/ul  
RT: 8.05 min Scan# 913  
Delta R.T. -0.01 min  
Lab File: BG018073.D  
Acq: 23 Jul 2015 20:18

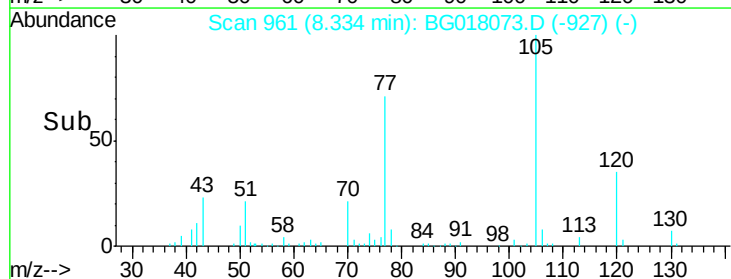
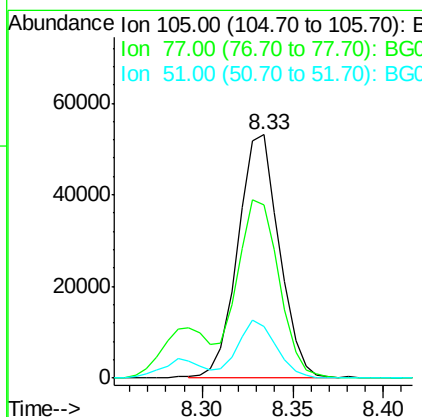
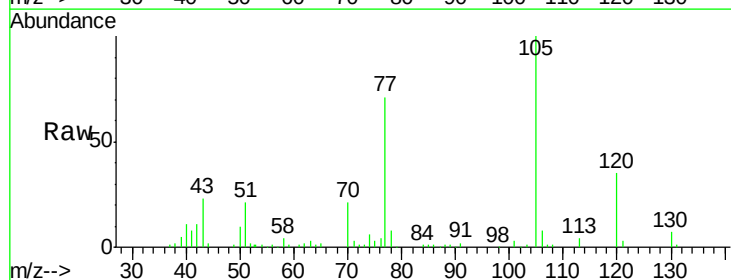
Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion: 45 Resp: 53796  
Ion Ratio Lower Upper  
45 100  
77 17.4 14.6 22.0  
79 13.5 10.6 15.8

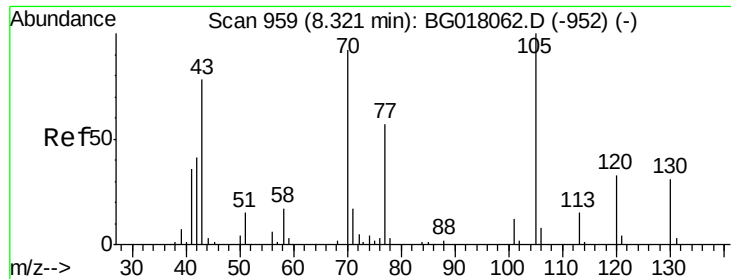


#14  
Acetophenone  
Concen: 19.73 ng/ul  
RT: 8.33 min Scan# 961  
Delta R.T. 0.00 min  
Lab File: BG018073.D  
Acq: 23 Jul 2015 20:18

Tgt Ion:105 Resp: 84172  
Ion Ratio Lower Upper  
105 100  
77 71.1 61.7 92.5  
51 21.0 18.1 27.1







#15

N-Nitroso-di-n-propylamine

Concen: 19.61 ng/ul

RT: 8.32 min Scan# 959

Delta R.T. 0.00 min

Lab File: BG018073.D

Acq: 23 Jul 2015 20:18

Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 70 Resp: 44430

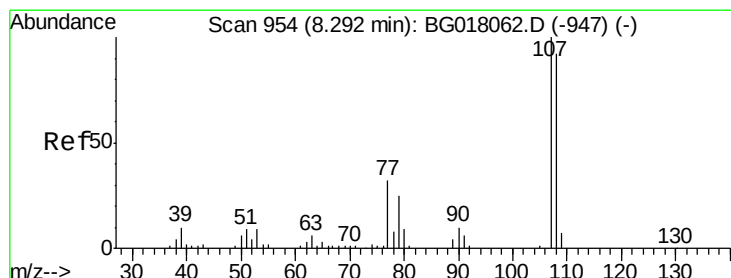
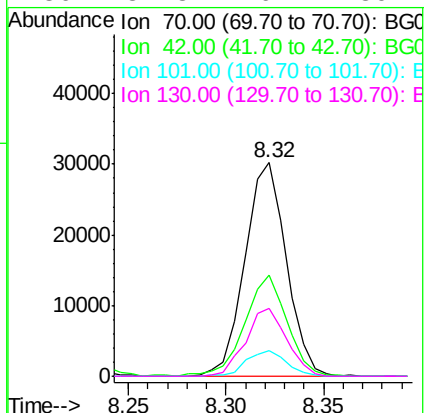
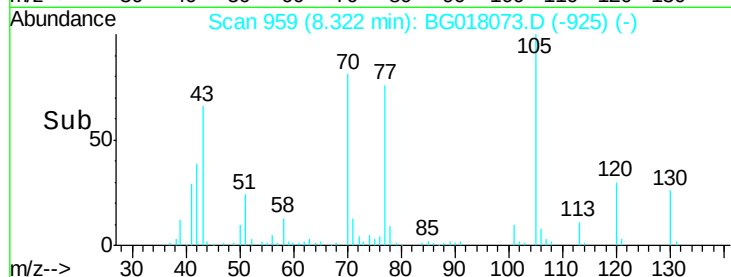
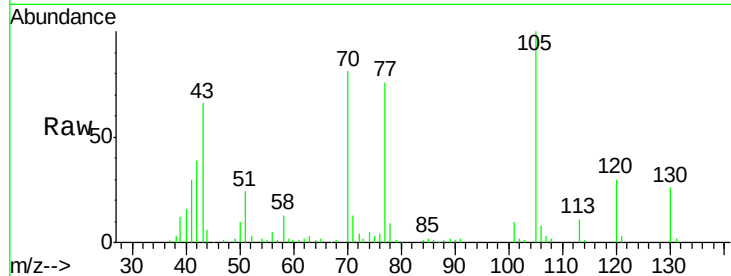
Ion Ratio Lower Upper

70 100

42 47.7 37.8 56.8

101 12.3 10.0 15.0

130 31.8 26.1 39.1



#16

4-Methylphenol

Concen: 18.89 ng/ul

RT: 8.29 min Scan# 954

Delta R.T. 0.00 min

Lab File: BG018073.D

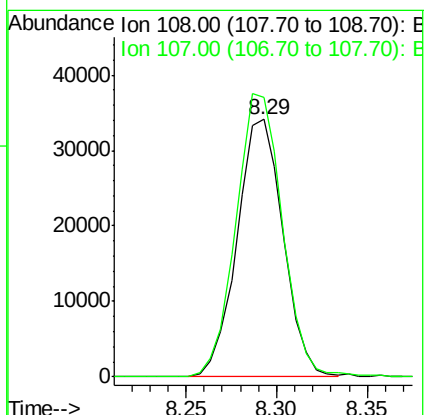
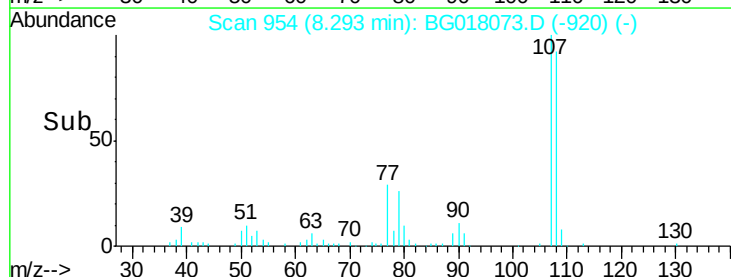
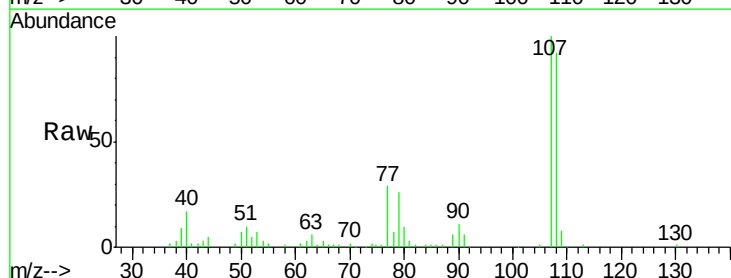
Acq: 23 Jul 2015 20:18

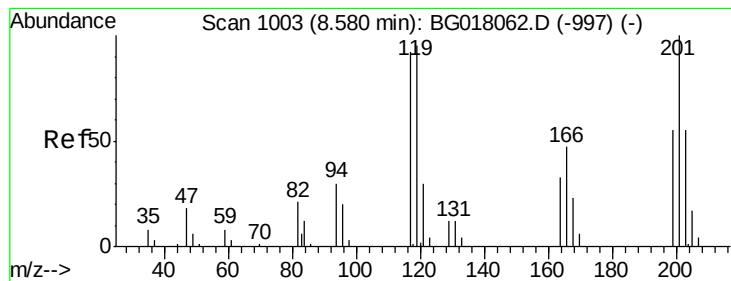
Tgt Ion: 108 Resp: 60164

Ion Ratio Lower Upper

108 100

107 108.6 89.5 134.3





#17

Hexachloroethane

Concen: 19.58 ng/ul

RT: 8.58 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BG018073.D

Acq: 23 Jul 2015 20:18

Instrument :

BNA\_G

ClientSampleId :

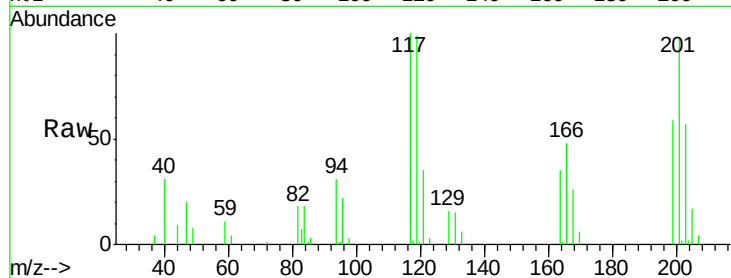
Tot Ion:117 Resp: 22591

Ion Ratio Lower Upper

117 100

201 96.7 77.3 115.9

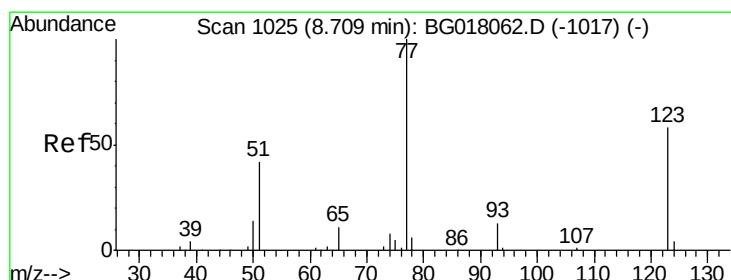
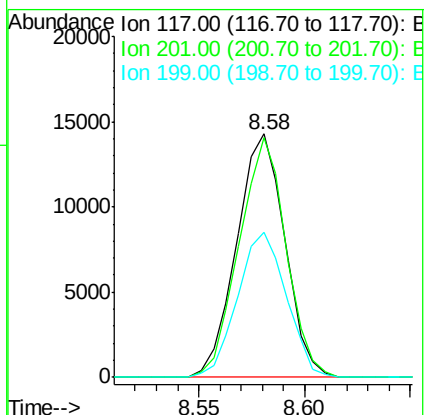
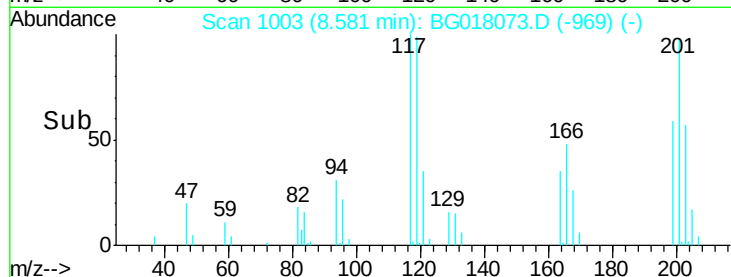
199 58.5 46.6 69.8



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: 18.93 ng/ul

RT: 8.71 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BG018073.D

Acq: 23 Jul 2015 20:18

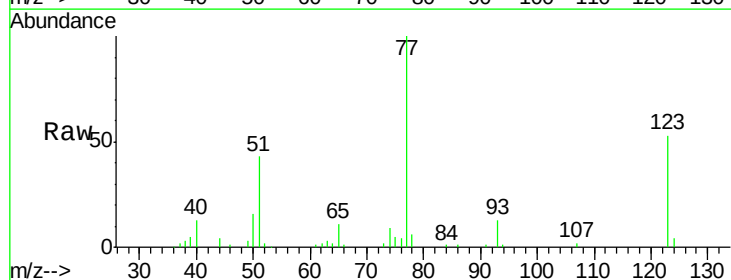
Tgt Ion: 77 Resp: 61705

Ion Ratio Lower Upper

77 100

123 53.2 43.7 65.5

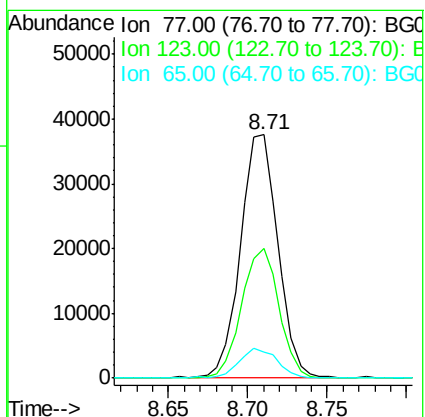
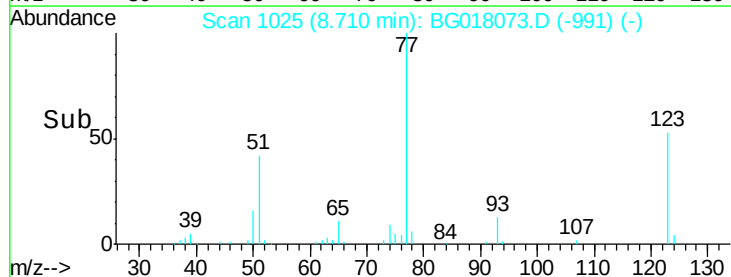
65 10.8 10.1 15.1

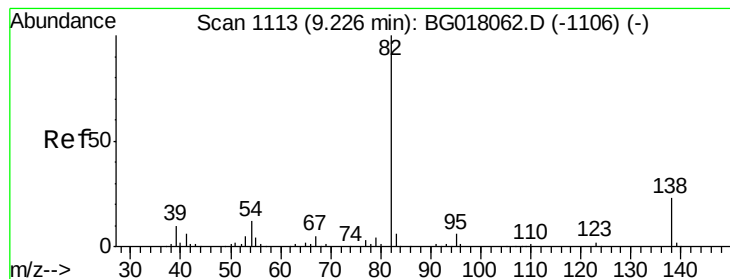


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BGC





#21

Isophorone

Concen: 18.69 ng/ul

RT: 9.23 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BG018073.D

Acq: 23 Jul 2015 20:18

Instrument :

BNA\_G

ClientSampled :

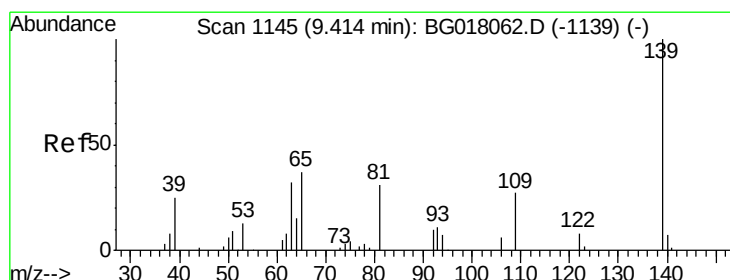
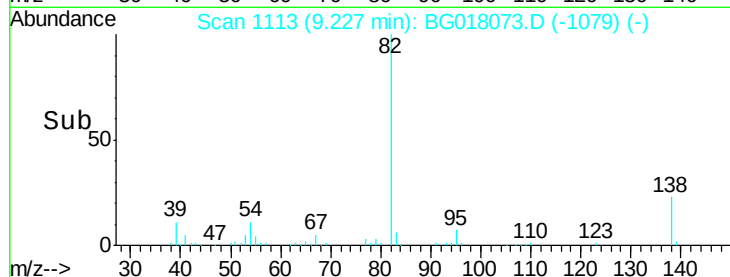
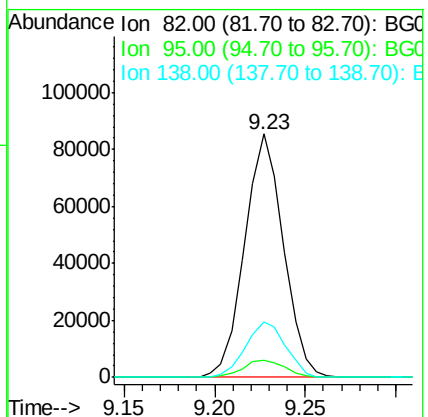
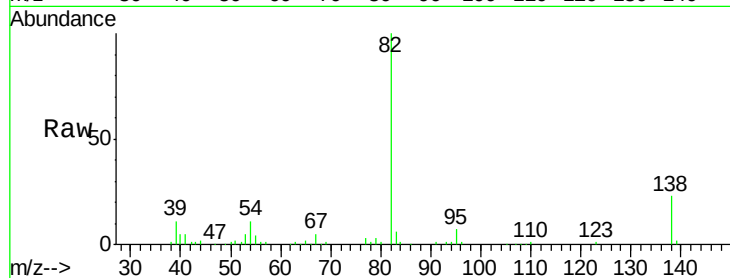
Tot Ion: 82 Resp: 127047

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

138 22.7 18.7 28.1



#23

2-Nitrophenol

Concen: 18.39 ng/ul

RT: 9.41 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BG018073.D

Acq: 23 Jul 2015 20:18

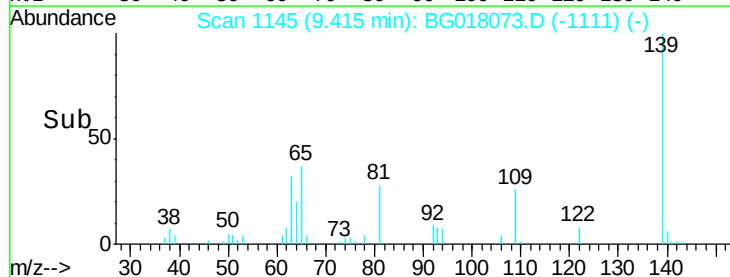
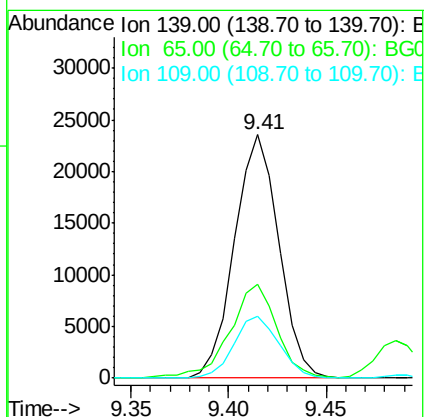
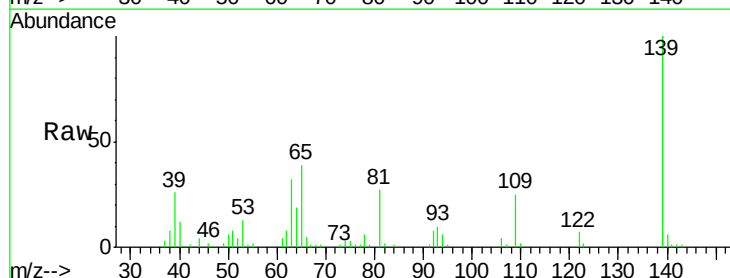
Tgt Ion: 139 Resp: 37041

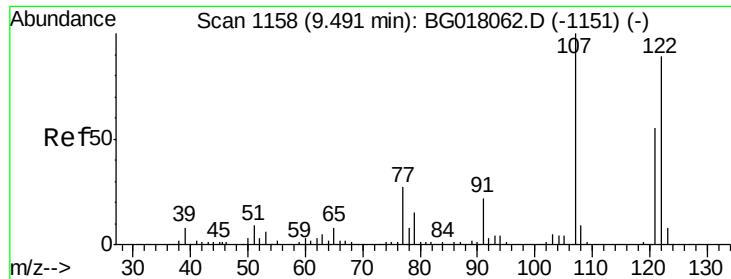
Ion Ratio Lower Upper

139 100

65 38.5 33.0 49.4

109 25.4 20.7 31.1





#24

2,4-Dimethylphenol

Concen: 18.79 ng/ul

RT: 9.49 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BG018073.D

Acq: 23 Jul 2015 20:18

Instrument :

BNA\_G

ClientSampled :

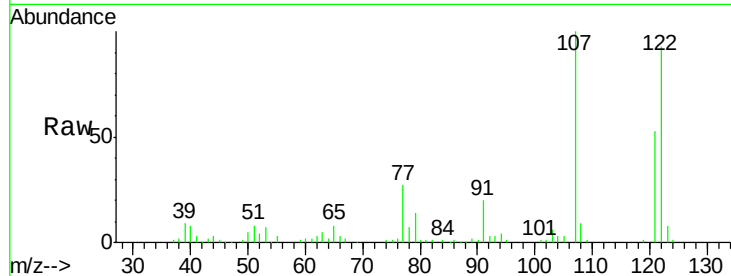
Tot Ion:107 Resp: 66548

Ion Ratio Lower Upper

107 100

121 52.9 44.1 66.1

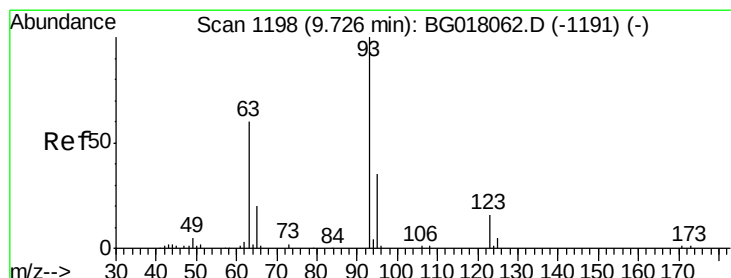
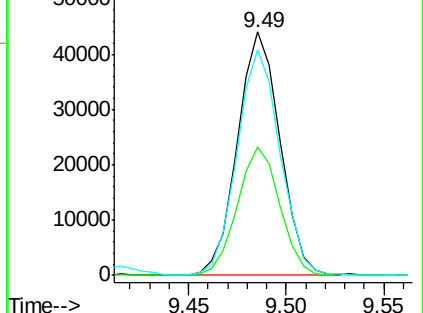
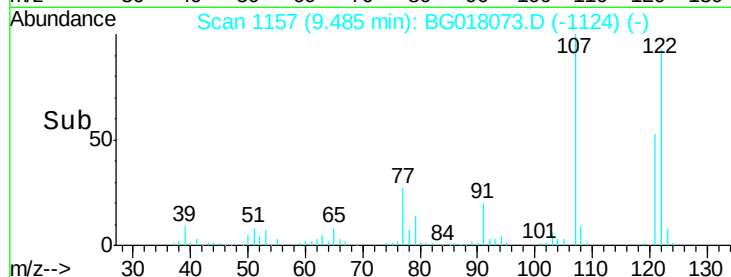
122 92.8 70.9 106.3



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 18.99 ng/ul

RT: 9.72 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BG018073.D

Acq: 23 Jul 2015 20:18

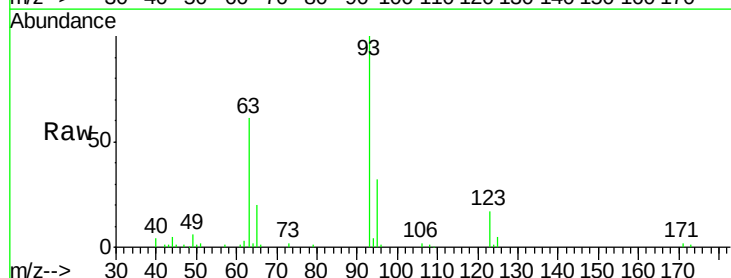
Tgt Ion: 93 Resp: 72608

Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.2

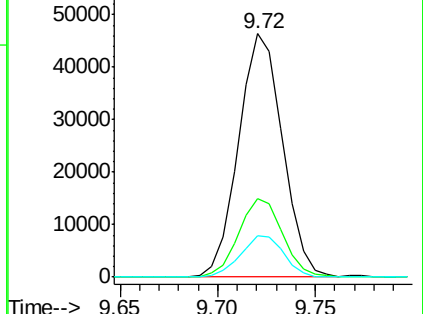
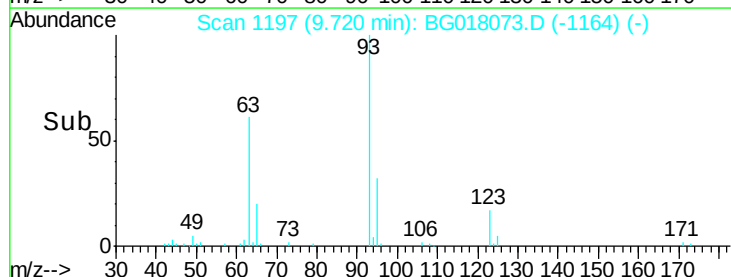
123 16.8 13.5 20.3

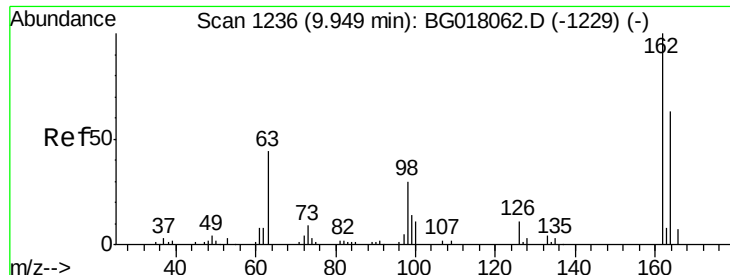


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

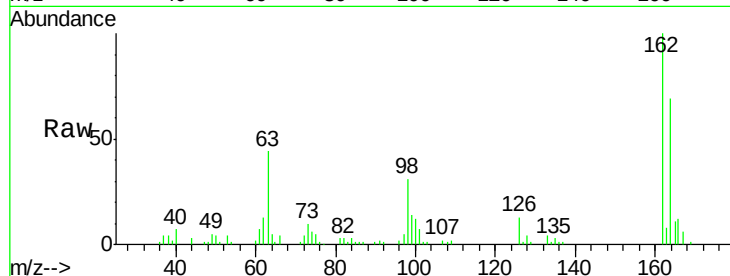




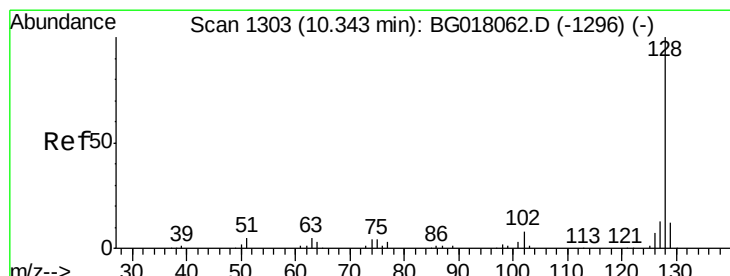
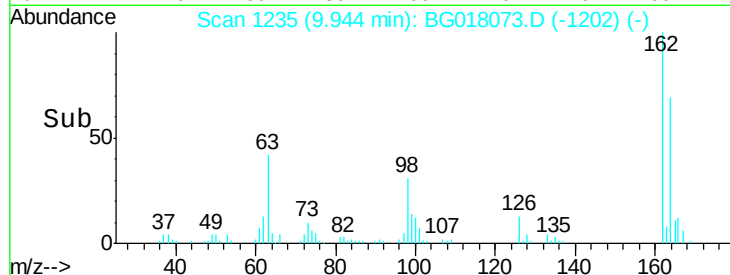
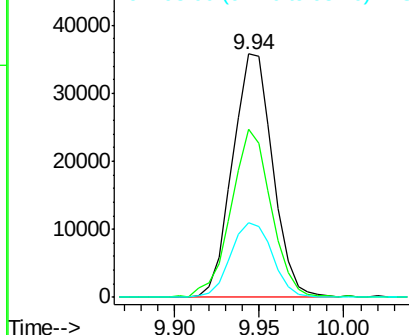
#27  
 2,4-Dichlorophenol  
 Concen: 18.83 ng/ul  
 RT: 9.94 min Scan# 1235  
 Delta R.T. -0.01 min  
 Lab File: BG018073.D  
 Acq: 23 Jul 2015 20:18

Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 69.0  | 51.2  | 76.8  |
| 98      | 30.5  | 23.5  | 35.3  |

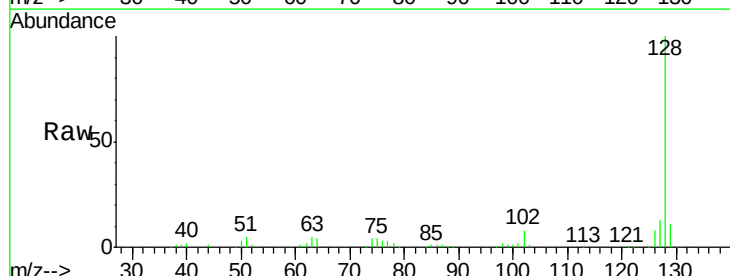


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): B

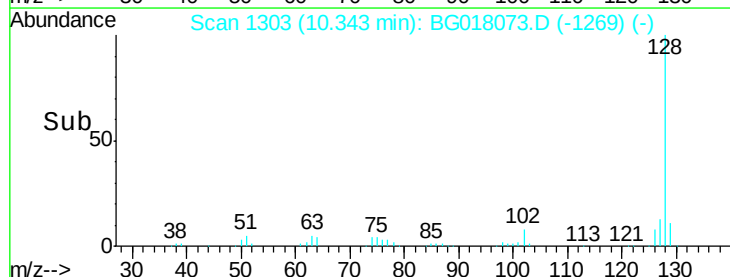
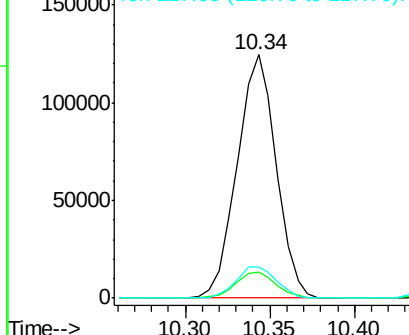


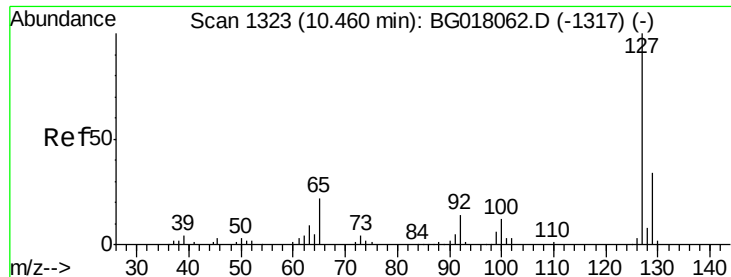
#28  
 Naphthalene  
 Concen: 19.02 ng/ul  
 RT: 10.34 min Scan# 1303  
 Delta R.T. 0.00 min  
 Lab File: BG018073.D  
 Acq: 23 Jul 2015 20:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.9  | 9.5   | 14.3  |
| 127     | 12.9  | 10.1  | 15.1  |



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

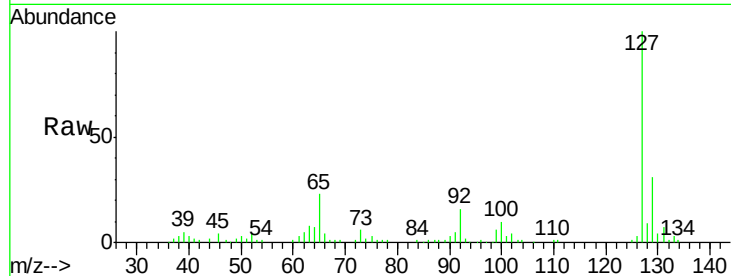




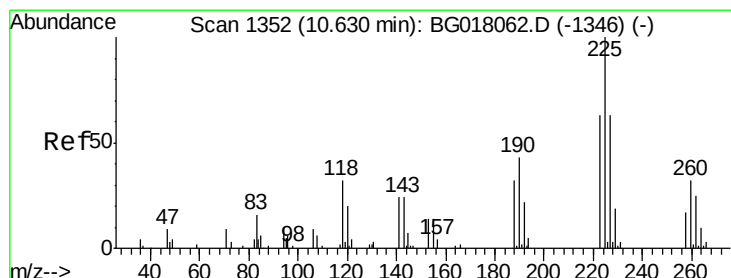
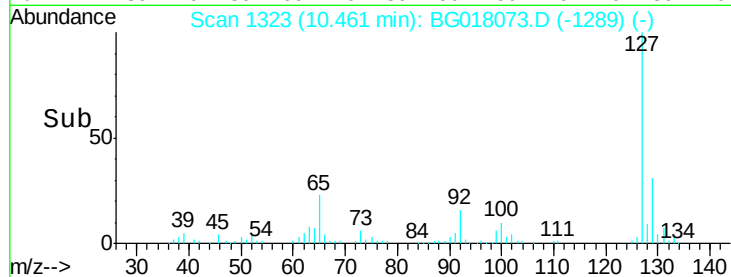
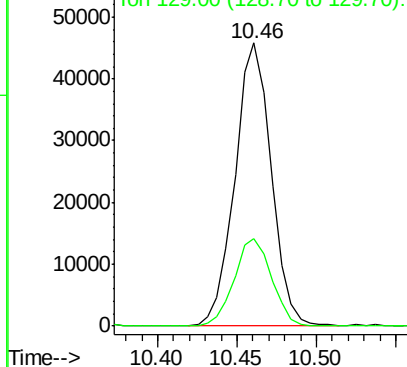
#30  
4-Chloroaniline  
Concen: 18.67 ng/ul  
RT: 10.46 min Scan# 1323  
Delta R.T. 0.00 min  
Lab File: BG018073.D  
Acq: 23 Jul 2015 20:18

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:127 Resp: 72860  
Ion Ratio Lower Upper  
127 100  
129 31.0 24.7 37.1

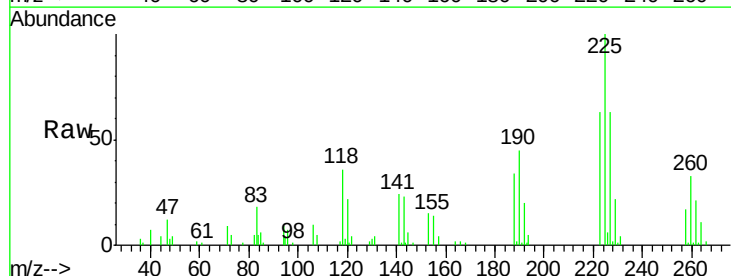


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E

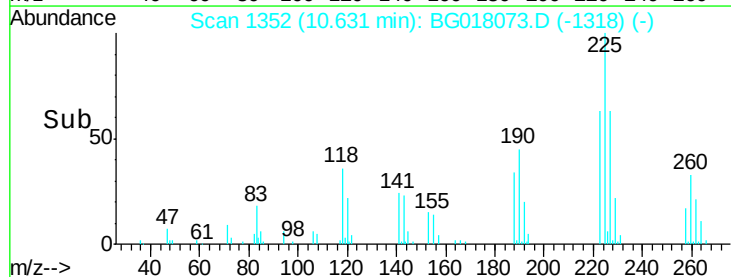
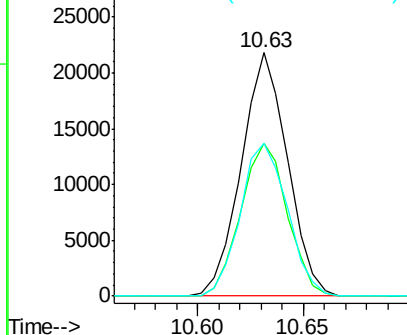


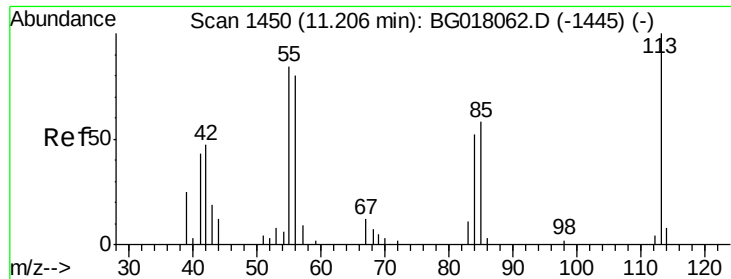
#31  
Hexachlorobutadiene  
Concen: 17.93 ng/ul  
RT: 10.63 min Scan# 1352  
Delta R.T. 0.00 min  
Lab File: BG018073.D  
Acq: 23 Jul 2015 20:18

Tgt Ion:225 Resp: 33102  
Ion Ratio Lower Upper  
225 100  
223 62.7 46.3 69.5  
227 62.6 48.9 73.3



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





#32

Caprolactam

Concen: 10.03 ng/ul

RT: 11.21 min Scan# 1450

Delta R.T. 0.00 min

Lab File: BG018073.D

Acq: 23 Jul 2015 20:18

Instrument :

BNA\_G

ClientSampled :

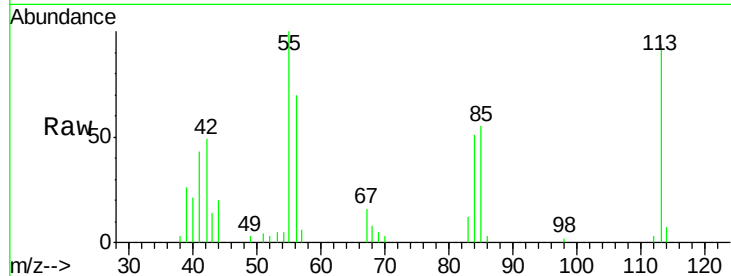
Tot Ion:113 Resp: 15062

Ion Ratio Lower Upper

113 100

55 106.8 69.8 104.6#

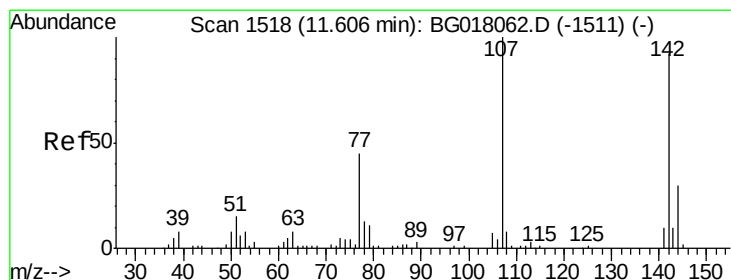
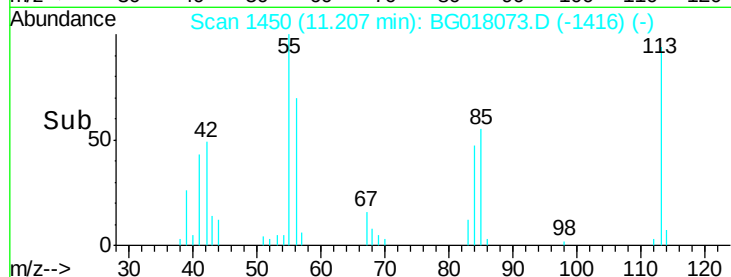
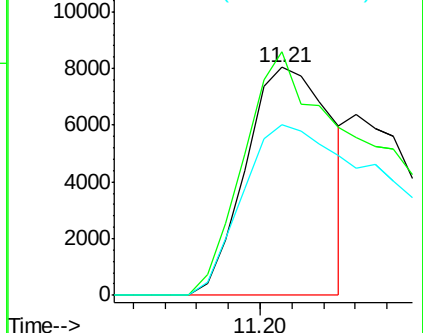
56 75.1 58.3 87.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#33

4-Chloro-3-methylphenol

Concen: 18.53 ng/ul

RT: 11.60 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BG018073.D

Acq: 23 Jul 2015 20:18

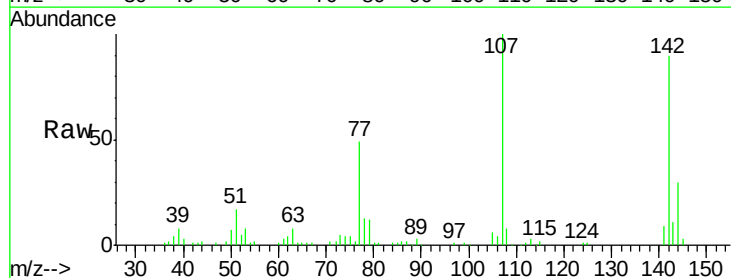
Tgt Ion:107 Resp: 63671

Ion Ratio Lower Upper

107 100

144 30.0 24.3 36.5

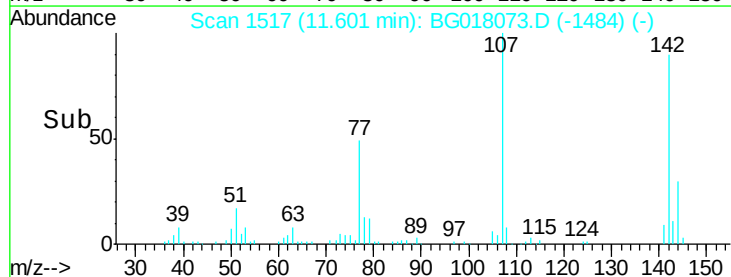
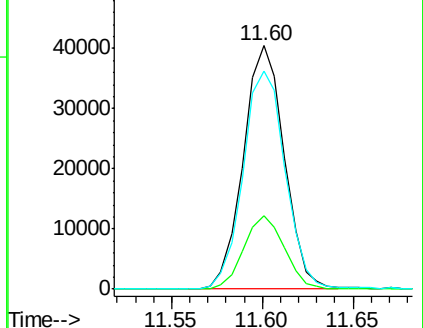
142 89.6 71.1 106.7

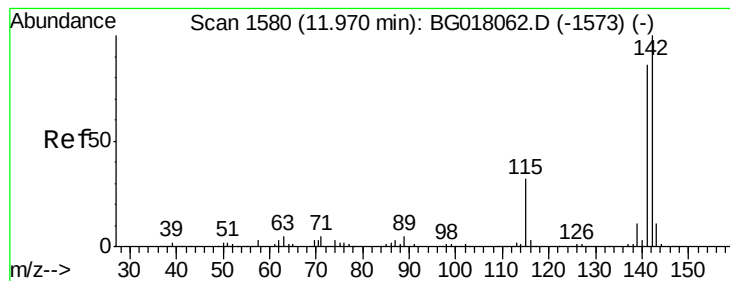


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 19.12 ng/ul

RT: 11.97 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BG018073.D

Acq: 23 Jul 2015 20:18

Instrument :

BNA\_G

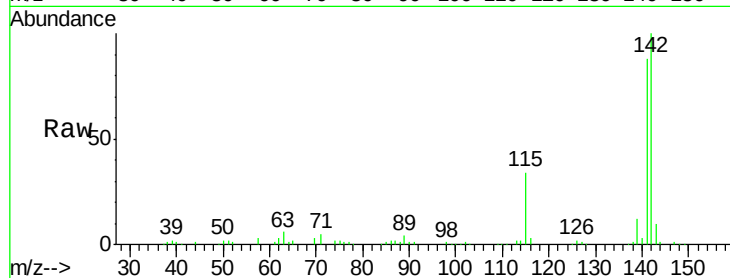
ClientSampleId :

Tot Ion:142 Resp: 151637

Ion Ratio Lower Upper

142 100

141 87.8 69.4 104.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

11.97

100000

80000

60000

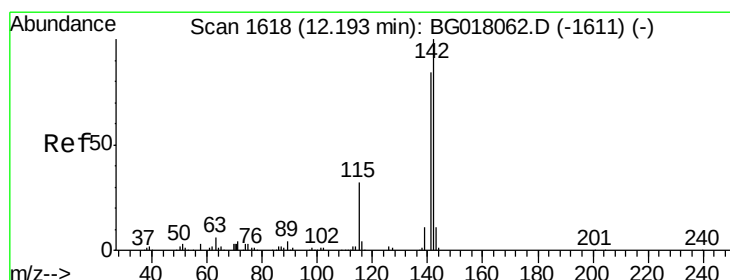
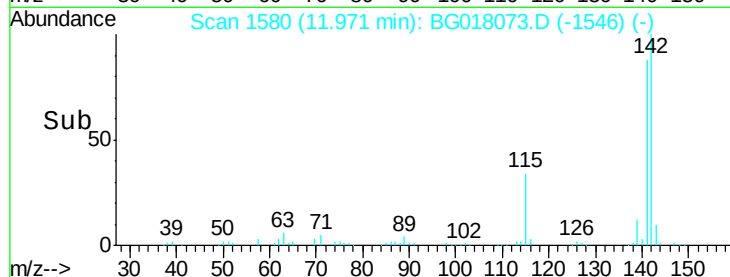
40000

20000

0

Time-->

11.90 11.95 12.00



#35

1-Methylnaphthalene

Concen: 19.07 ng/ul

RT: 12.19 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BG018073.D

Acq: 23 Jul 2015 20:18

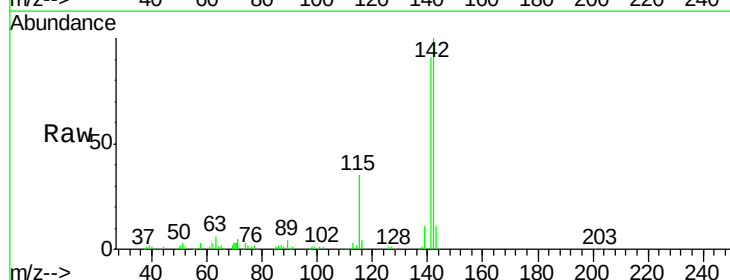
Tgt Ion:142 Resp: 147579

Ion Ratio Lower Upper

142 100

141 91.2 71.8 107.6

116 3.9 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

12.19

120000

100000

80000

60000

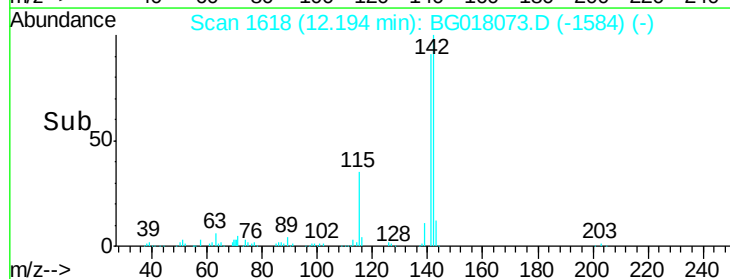
40000

20000

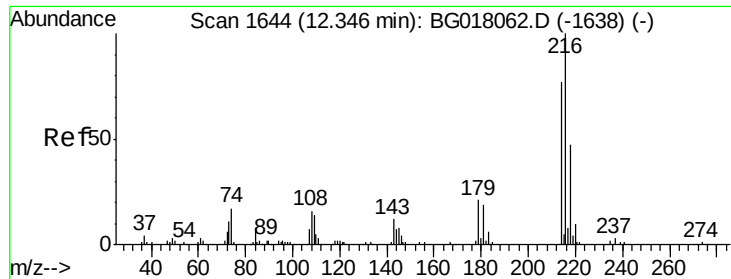
0

Time-->

12.15 12.20 12.25



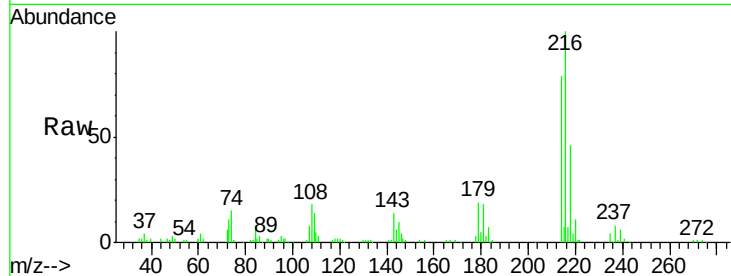




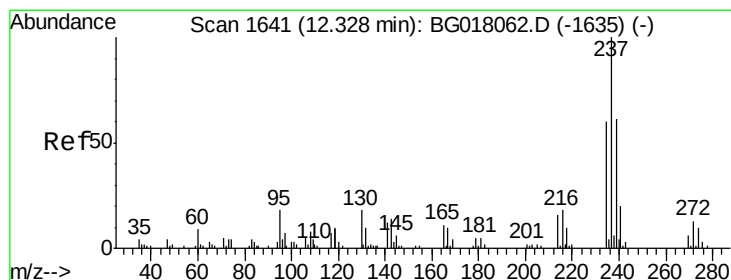
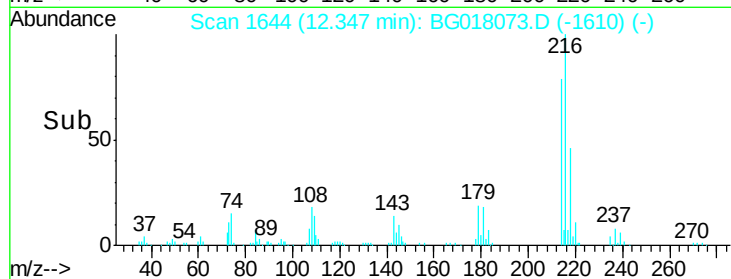
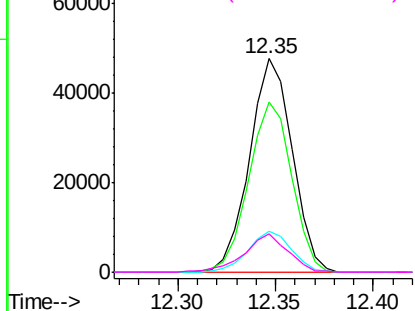
#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 18.87 ng/ul  
 RT: 12.35 min Scan# 1644  
 Delta R.T. 0.00 min  
 Lab File: BG018073.D  
 Acq: 23 Jul 2015 20:18

Instrument :  
 BNA\_G  
 ClientSampleId :

|             |       |       |      |
|-------------|-------|-------|------|
| Tot Ion:216 | Resp: | 72454 |      |
| Ion Ratio   | Lower | Upper |      |
| 216         | 100   |       |      |
| 214         | 79.5  | 65.1  | 97.7 |
| 179         | 19.4  | 16.4  | 24.6 |
| 108         | 18.2  | 14.6  | 21.8 |

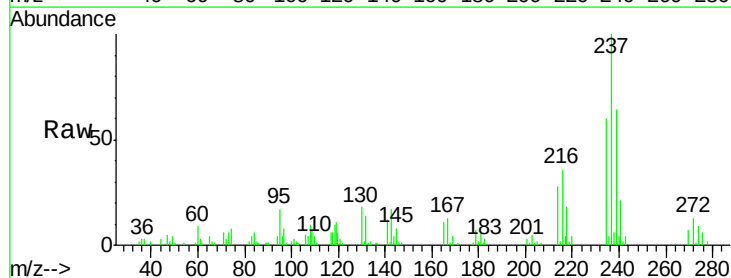


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

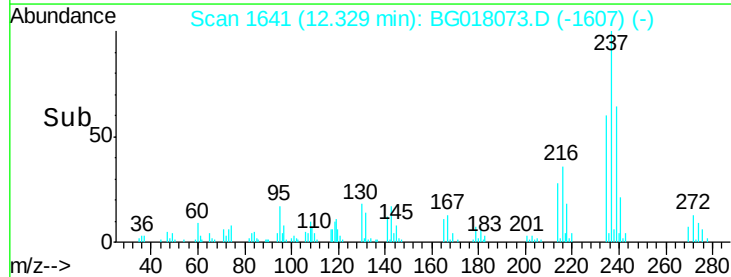
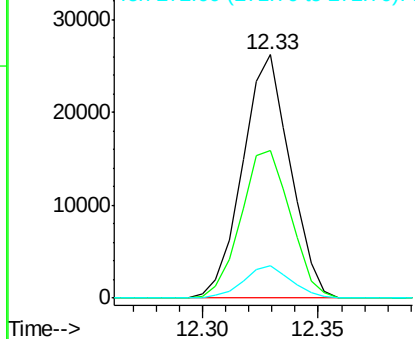


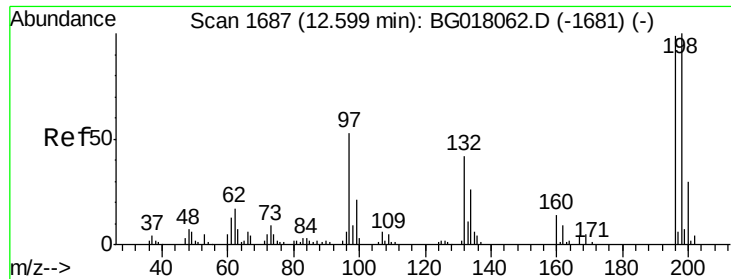
#38  
 Hexachlorocyclopentadiene  
 Concen: 16.68 ng/ul  
 RT: 12.33 min Scan# 1641  
 Delta R.T. 0.00 min  
 Lab File: BG018073.D  
 Acq: 23 Jul 2015 20:18

|             |       |       |  |
|-------------|-------|-------|--|
| Tgt Ion:237 | Resp: | 37525 |  |
| Ion Ratio   | Lower | Upper |  |
| 237 100     |       |       |  |
| 235 60.4    | 45.5  | 68.3  |  |
| 272 13.4    | 9.6   | 14.4  |  |



Abundance Ion 237.00 (236.70 to 237.70): E  
 Ion 235.00 (234.70 to 235.70): E  
 Ion 272.00 (271.70 to 272.70): E

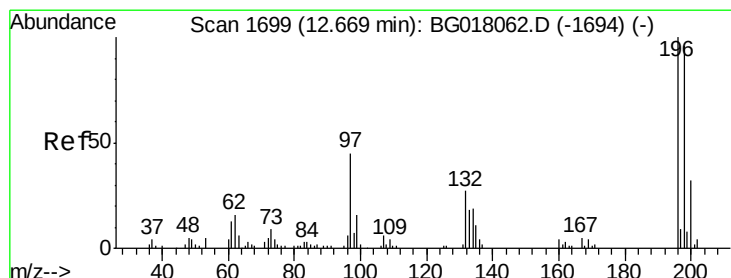
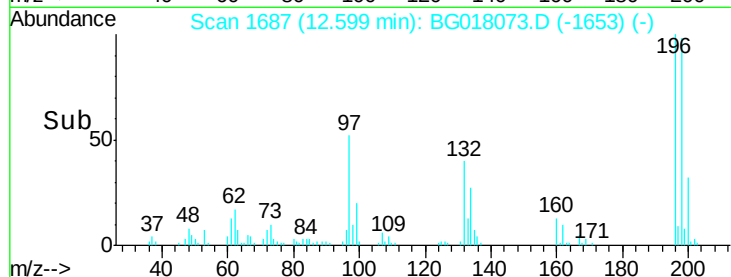
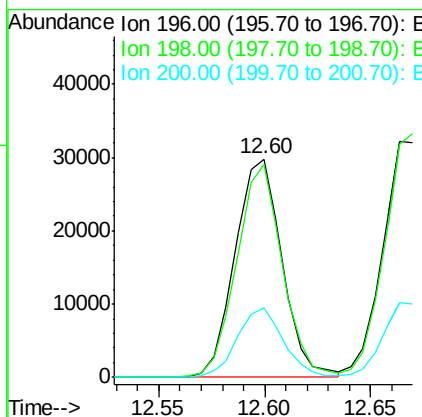
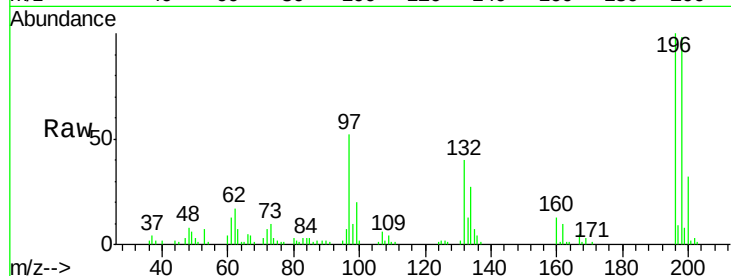




#39  
 2,4,6-Trichlorophenol  
 Concen: 17.84 ng/ul  
 RT: 12.60 min Scan# 1687  
 Delta R.T. 0.00 min  
 Lab File: BG018073.D  
 Acq: 23 Jul 2015 20:18

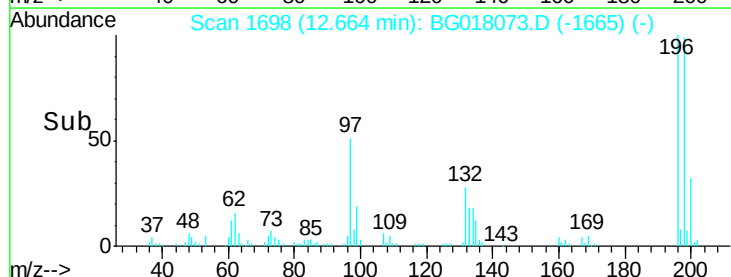
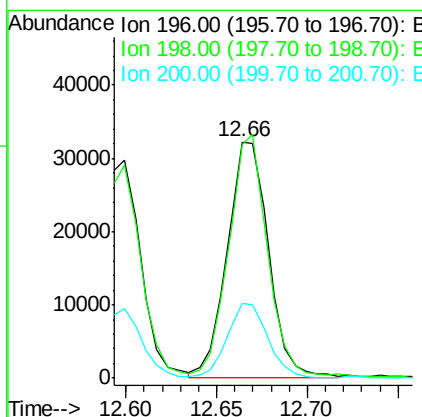
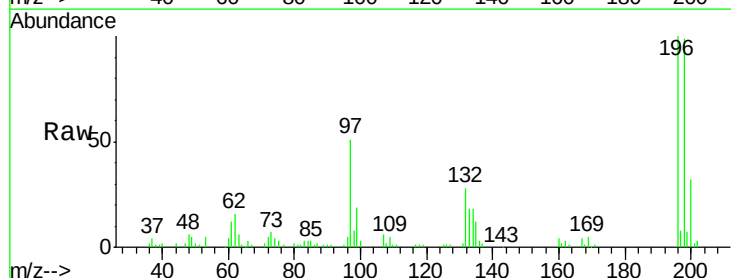
Instrument :  
 BNA\_G  
 ClientSampled :

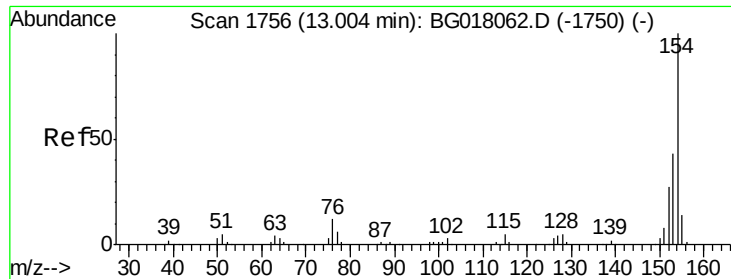
Tot Ion:196 Resp: 45969  
 Ion Ratio Lower Upper  
 196 100  
 198 97.5 75.0 112.6  
 200 31.7 23.9 35.9



#40  
 2,4,5-Trichlorophenol  
 Concen: 18.31 ng/ul  
 RT: 12.66 min Scan# 1698  
 Delta R.T. -0.01 min  
 Lab File: BG018073.D  
 Acq: 23 Jul 2015 20:18

Tgt Ion:196 Resp: 51314  
 Ion Ratio Lower Upper  
 196 100  
 198 98.7 74.5 111.7  
 200 31.9 24.7 37.1

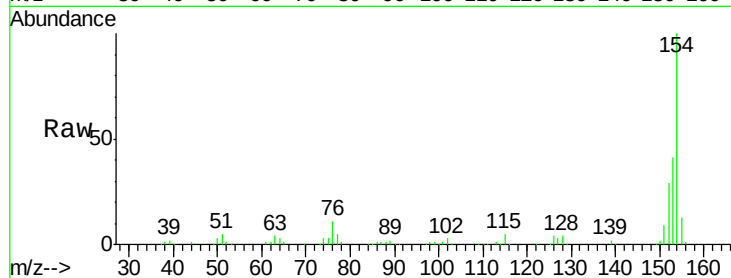




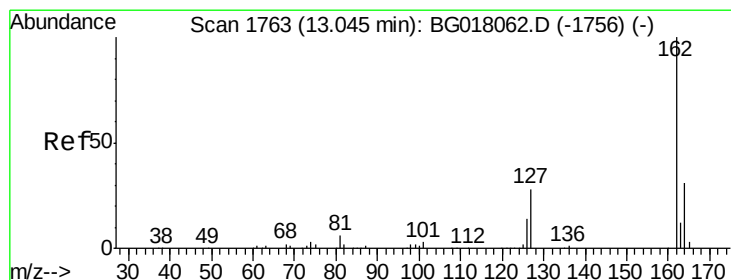
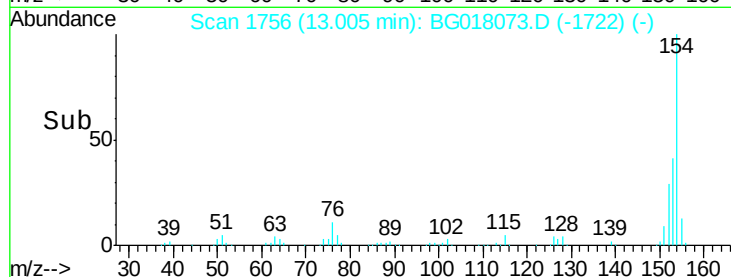
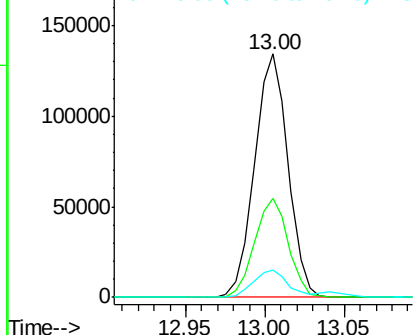
#41  
 1,1'-Biphenyl  
 Concen: 19.23 ng/ul  
 RT: 13.00 min Scan# 1756  
 Delta R.T. 0.00 min  
 Lab File: BG018073.D  
 Acq: 23 Jul 2015 20:18

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.8  | 33.1  | 49.7  |
| 76      | 11.3  | 9.7   | 14.5  |

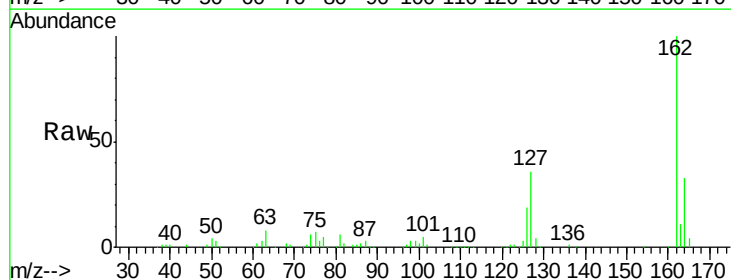


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BGC

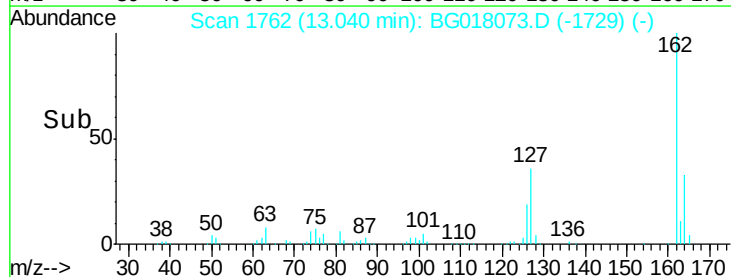
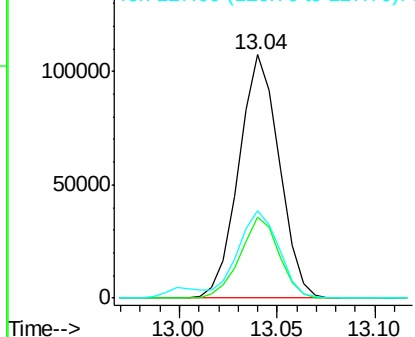


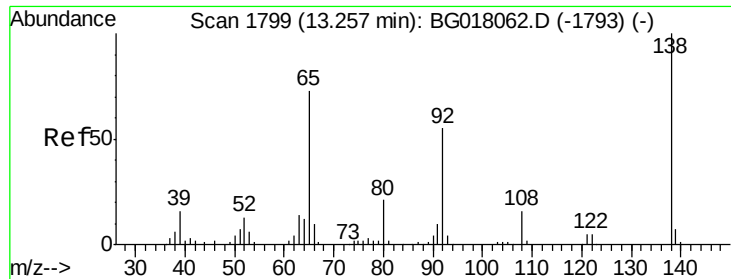
#42  
 2-Chloronaphthalene  
 Concen: 19.12 ng/ul  
 RT: 13.04 min Scan# 1762  
 Delta R.T. -0.01 min  
 Lab File: BG018073.D  
 Acq: 23 Jul 2015 20:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 33.1  | 25.7  | 38.5  |
| 127     | 36.1  | 27.7  | 41.5  |



Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 127.00 (126.70 to 127.70): E

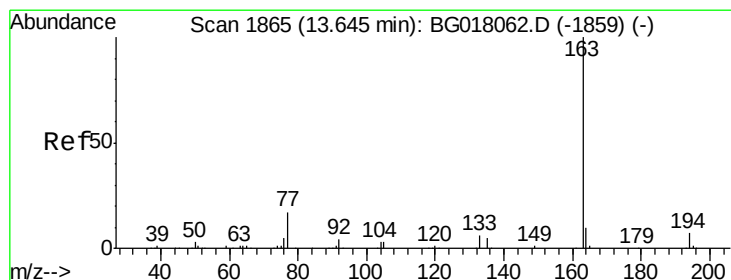
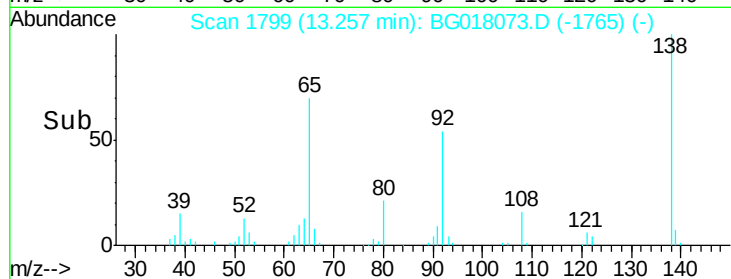
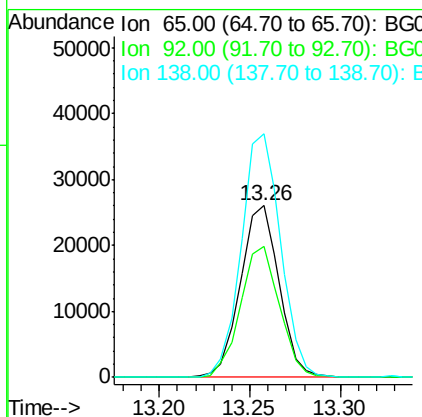
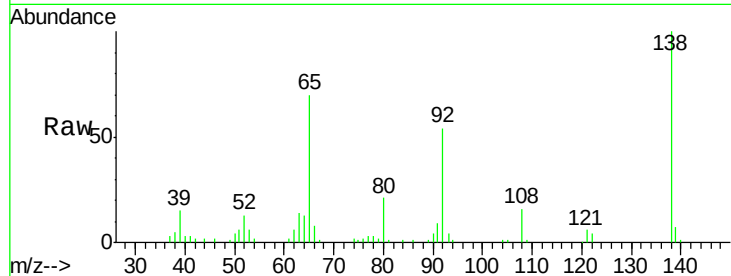




#43  
 2-Nitroaniline  
 Concen: 18.25 ng/ul  
 RT: 13.26 min Scan# 1799  
 Delta R.T. 0.00 min  
 Lab File: BG018073.D  
 Acq: 23 Jul 2015 20:18

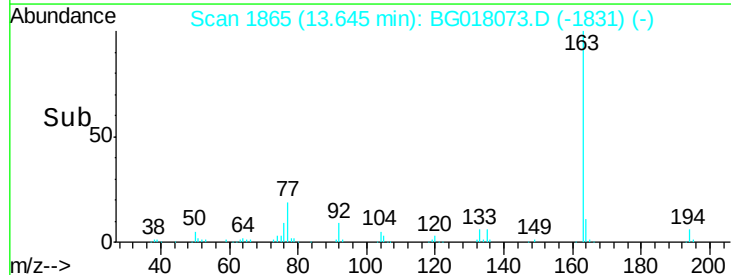
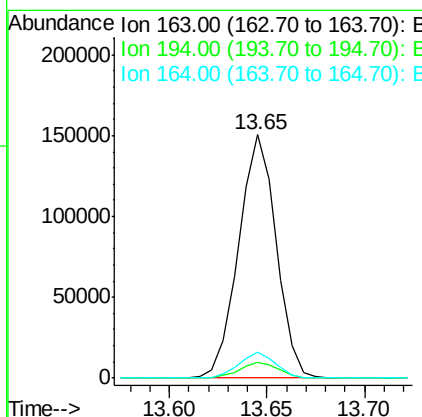
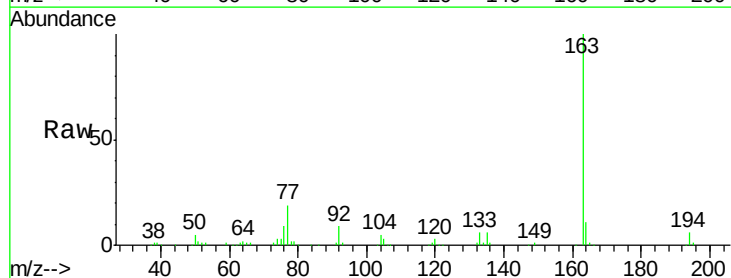
Instrument :  
 BNA\_G  
 ClientSampleId :

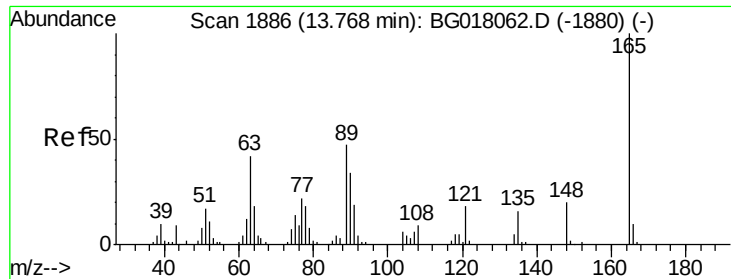
Tot Ion: 65 Resp: 38613  
 Ion Ratio Lower Upper  
 65 100  
 92 76.2 63.7 95.5  
 138 141.9 113.9 170.9



#45  
 Dimethylphthalate  
 Concen: 19.01 ng/ul  
 RT: 13.65 min Scan# 1865  
 Delta R.T. 0.00 min  
 Lab File: BG018073.D  
 Acq: 23 Jul 2015 20:18

Tgt Ion: 163 Resp: 200620  
 Ion Ratio Lower Upper  
 163 100  
 194 6.2 5.4 8.2  
 164 10.5 8.7 13.1

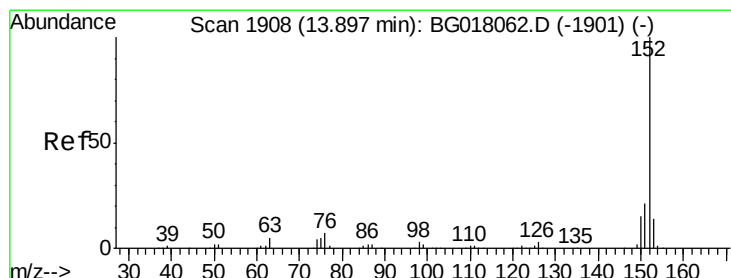
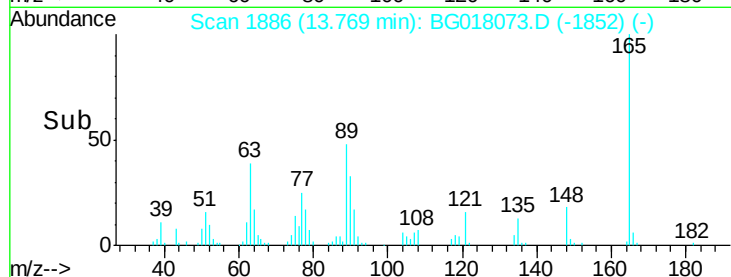
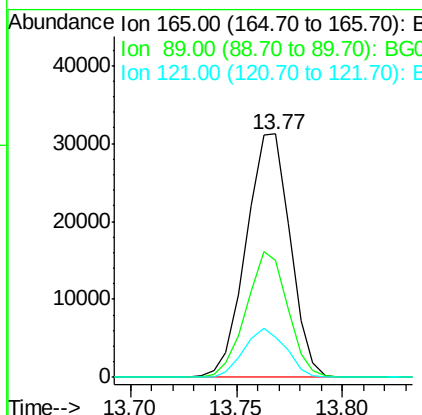
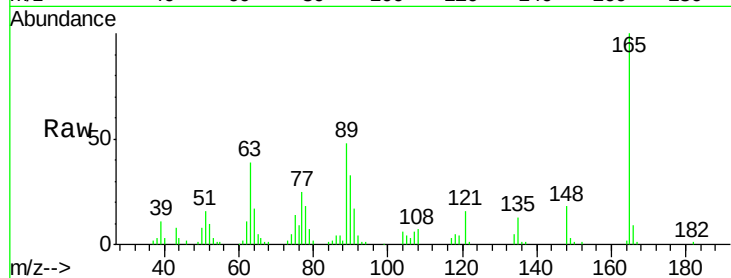




#46  
 2,6-Dinitrotoluene  
 Concen: 18.68 ng/ul  
 RT: 13.77 min Scan# 1886  
 Delta R.T. 0.00 min  
 Lab File: BG018073.D  
 Acq: 23 Jul 2015 20:18

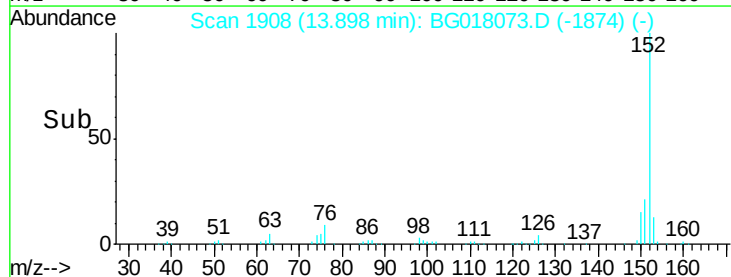
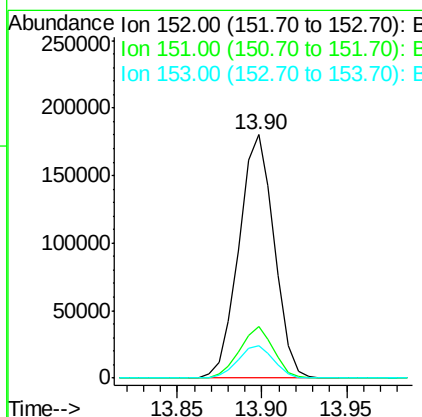
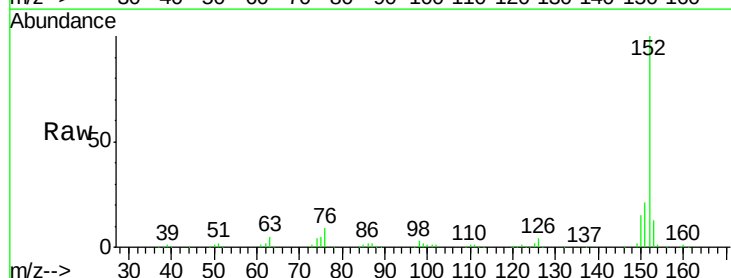
Instrument :  
 BNA\_G  
 ClientSampled :

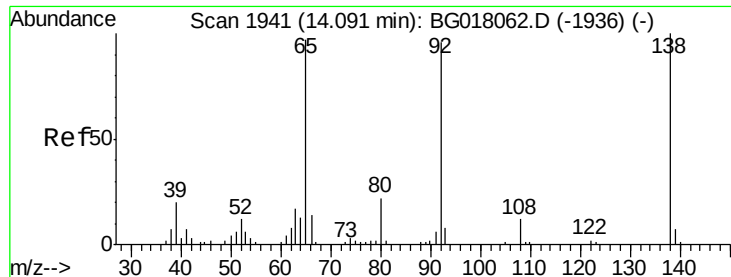
Tot Ion:165 Resp: 45212  
 Ion Ratio Lower Upper  
 165 100  
 89 48.3 35.8 53.6  
 121 16.5 15.2 22.8



#48  
 Acenaphthylene  
 Concen: 19.34 ng/ul  
 RT: 13.90 min Scan# 1908  
 Delta R.T. 0.00 min  
 Lab File: BG018073.D  
 Acq: 23 Jul 2015 20:18

Tgt Ion:152 Resp: 261720  
 Ion Ratio Lower Upper  
 152 100  
 151 21.1 16.6 25.0  
 153 13.2 11.3 16.9

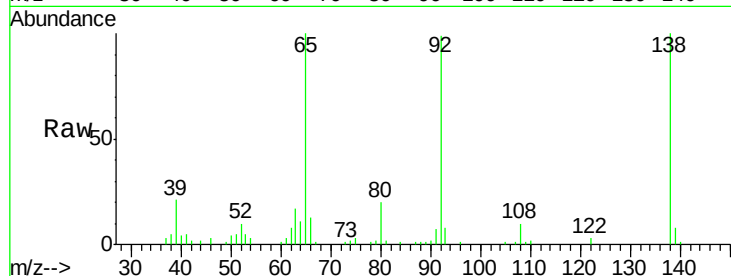




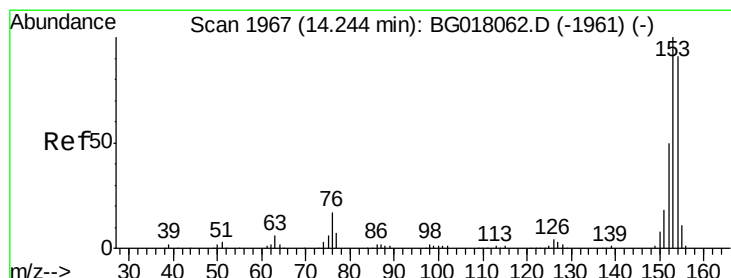
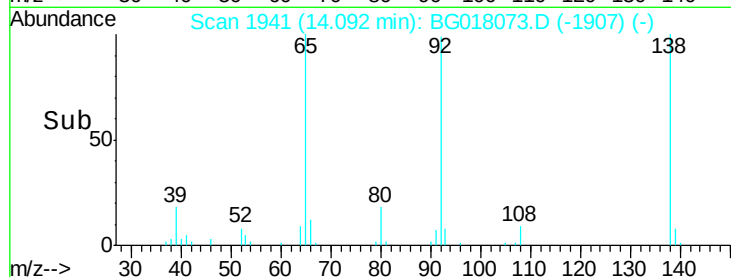
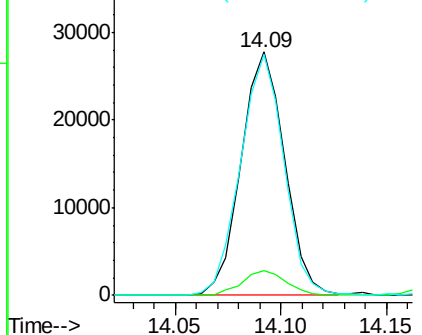
#49  
3-Nitroaniline  
Concen: 18.32 ng/ul  
RT: 14.09 min Scan# 1941  
Delta R.T. 0.00 min  
Lab File: BG018073.D  
Acq: 23 Jul 2015 20:18

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:138 Resp: 39758  
Ion Ratio Lower Upper  
138 100  
108 10.2 7.7 11.5  
92 98.8 80.2 120.4

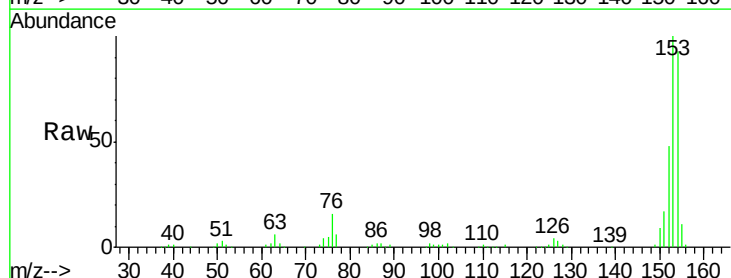


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): B

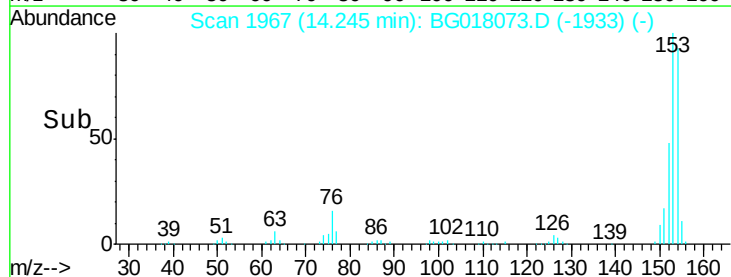
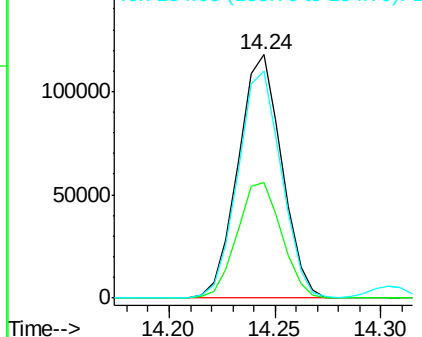


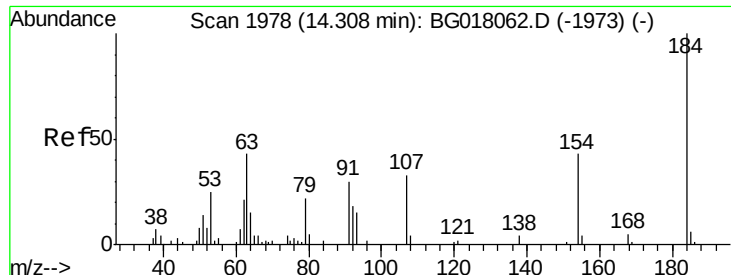
#50  
Acenaphthene  
Concen: 19.08 ng/ul  
RT: 14.24 min Scan# 1967  
Delta R.T. 0.00 min  
Lab File: BG018073.D  
Acq: 23 Jul 2015 20:18

Tgt Ion:153 Resp: 169046  
Ion Ratio Lower Upper  
153 100  
152 47.7 38.9 58.3  
154 93.1 72.6 108.8



Abundance Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E  
Ion 154.00 (153.70 to 154.70): E

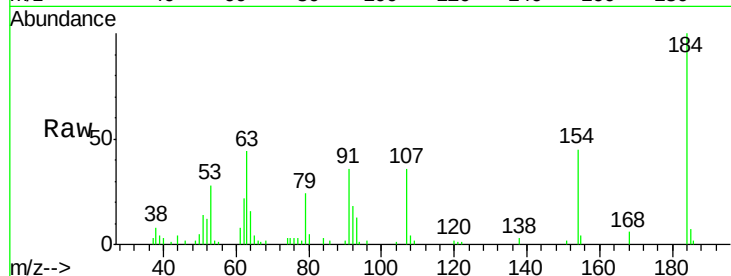




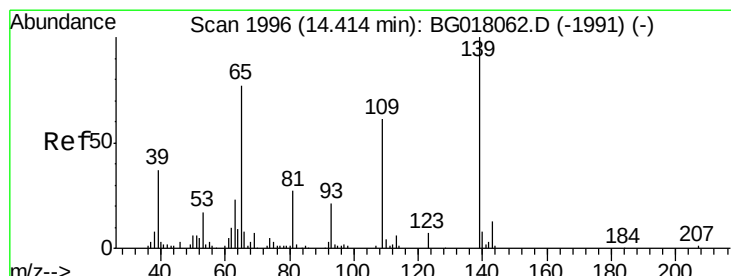
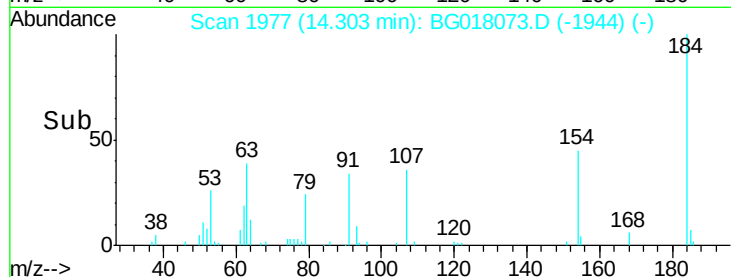
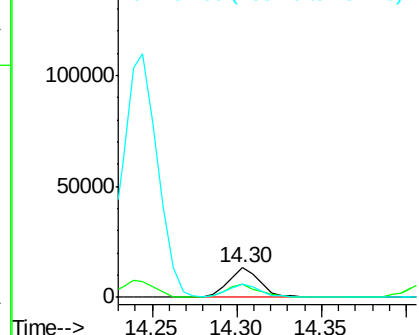
#51  
 2,4-Dinitrophenol  
 Concen: 14.02 ng/ul  
 RT: 14.30 min Scan# 1977  
 Delta R.T. -0.01 min  
 Lab File: BG018073.D  
 Acq: 23 Jul 2015 20:18

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:184 Resp: 17624  
 Ion Ratio Lower Upper  
 184 100  
 63 44.2 28.8 43.2#  
 154 45.1 40.0 60.0

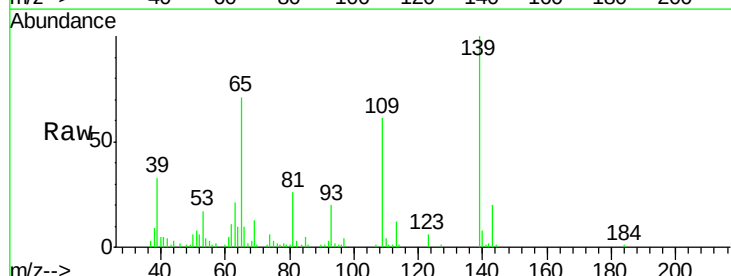


Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 154.00 (153.70 to 154.70): E

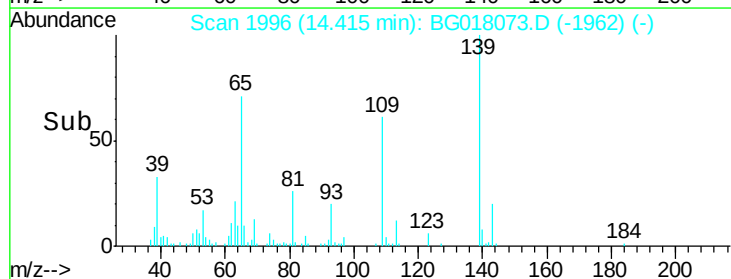
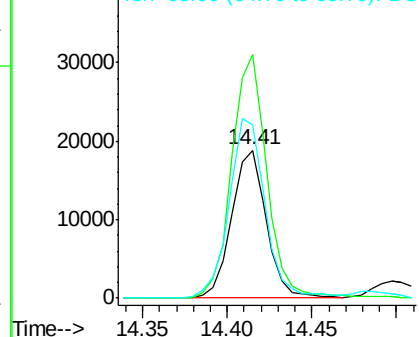


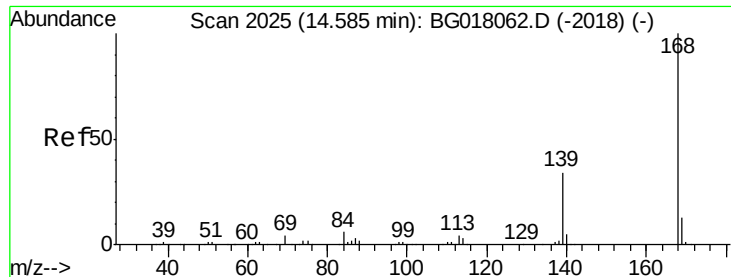
#53  
 4-Nitrophenol  
 Concen: 18.49 ng/ul  
 RT: 14.41 min Scan# 1996  
 Delta R.T. 0.00 min  
 Lab File: BG018073.D  
 Acq: 23 Jul 2015 20:18

Tgt Ion:109 Resp: 26839  
 Ion Ratio Lower Upper  
 109 100  
 139 164.7 132.9 199.3  
 65 117.1 94.6 142.0



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

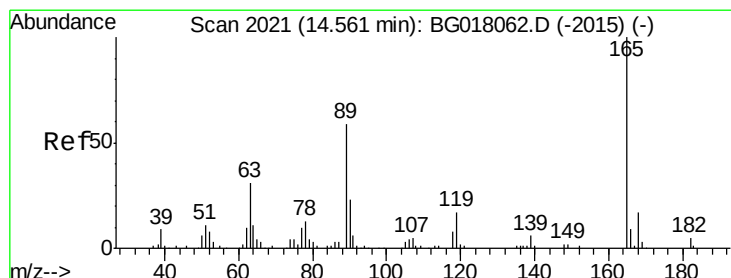
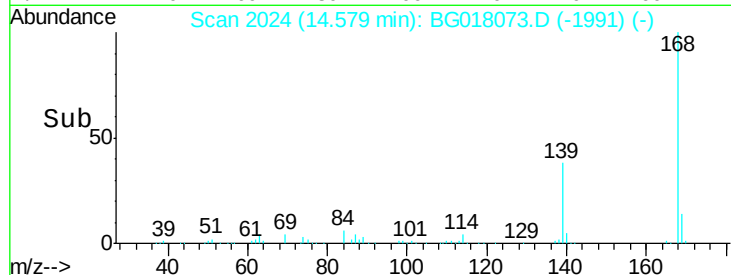
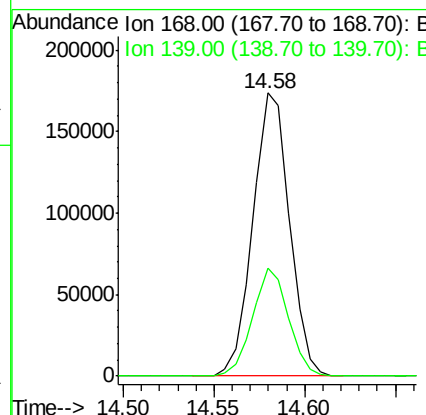
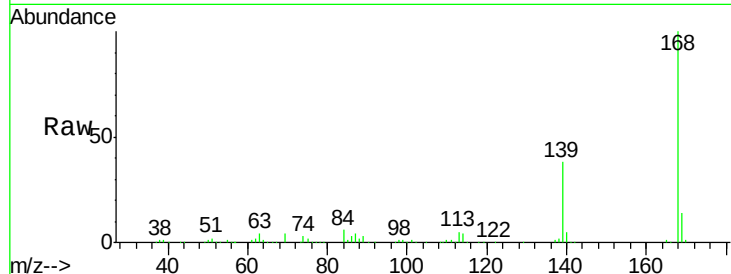




#54  
Dibenzenofuran  
Concen: 19.37 ng/ul  
RT: 14.58 min Scan# 2024  
Delta R.T. -0.01 min  
Lab File: BG018073.D  
Acq: 23 Jul 2015 20:18

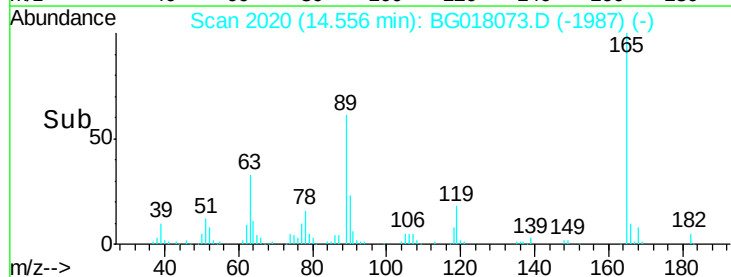
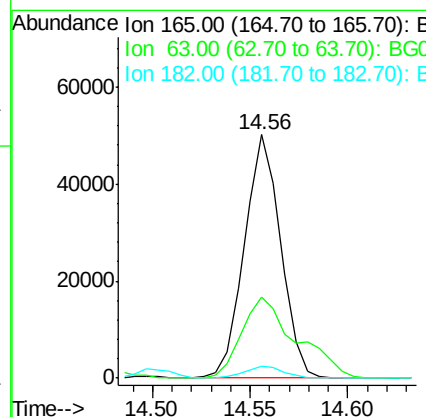
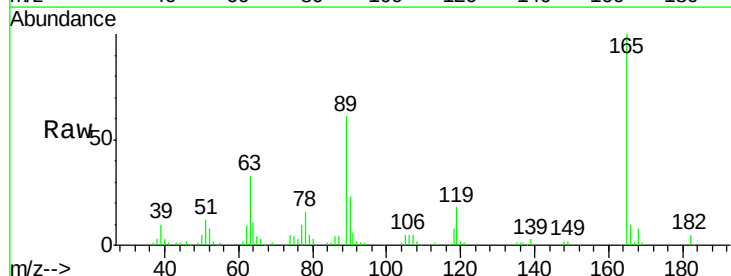
Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:168 Resp: 243813  
Ion Ratio Lower Upper  
168 100  
139 38.3 30.6 46.0

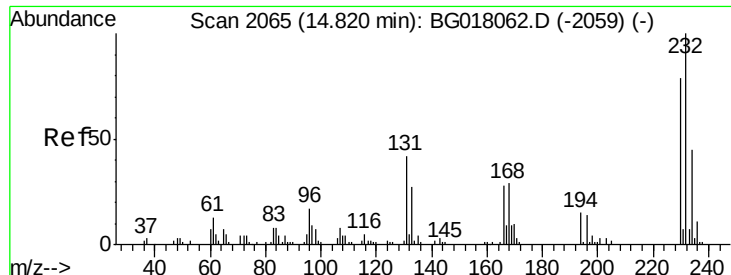


#55  
2,4-Dinitrotoluene  
Concen: 18.58 ng/ul  
RT: 14.56 min Scan# 2020  
Delta R.T. -0.01 min  
Lab File: BG018073.D  
Acq: 23 Jul 2015 20:18

Tgt Ion:165 Resp: 64610  
Ion Ratio Lower Upper  
165 100  
63 33.3 27.0 40.6  
182 4.9 3.7 5.5



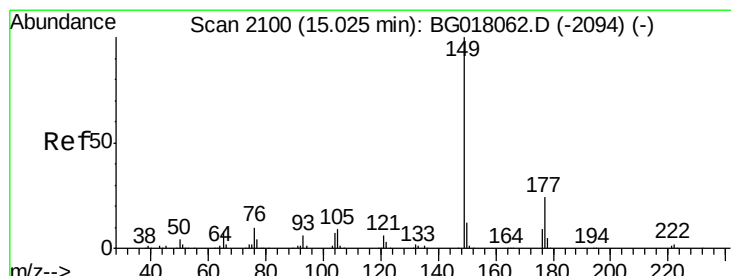
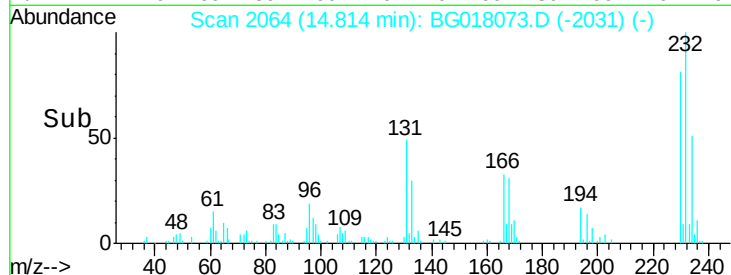
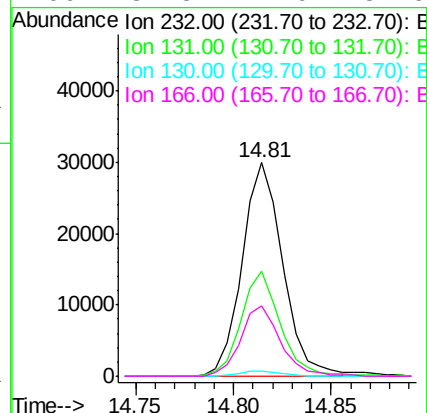
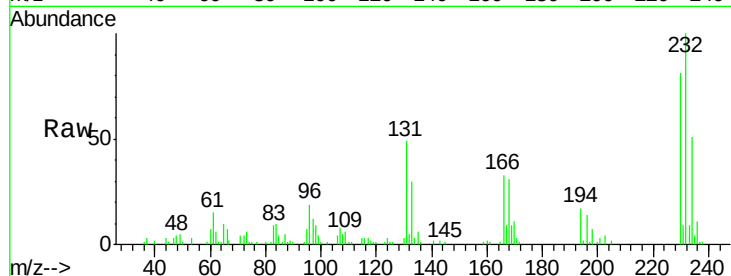




#56  
 2,3,4,6-Tetrachlorophenol  
 Concen: 17.23 ng/ul  
 RT: 14.81 min Scan# 2064  
 Delta R.T. -0.01 min  
 Lab File: BG018073.D  
 Acq: 23 Jul 2015 20:18

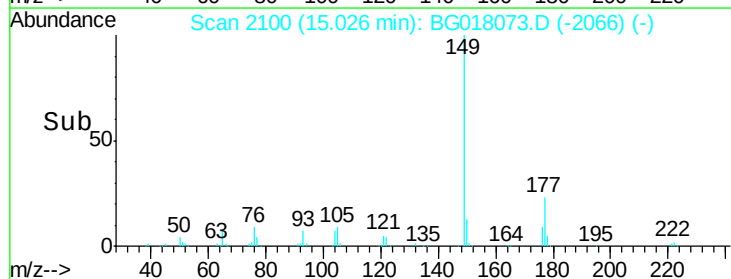
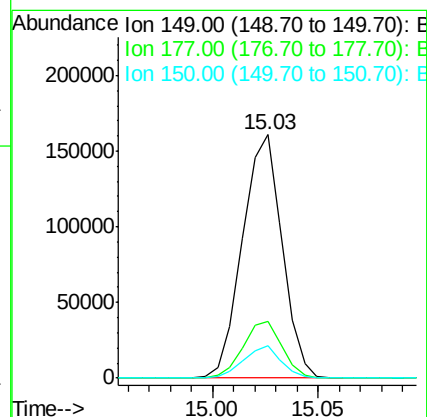
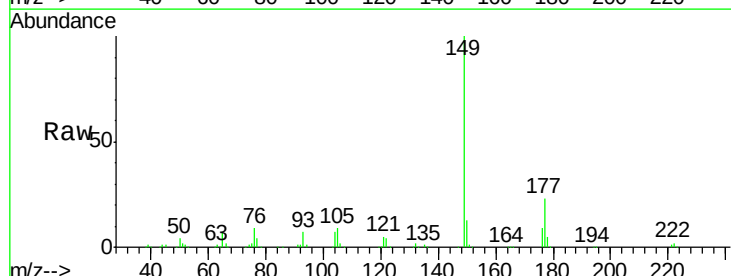
Instrument :  
 BNA\_G  
 ClientSampleId :

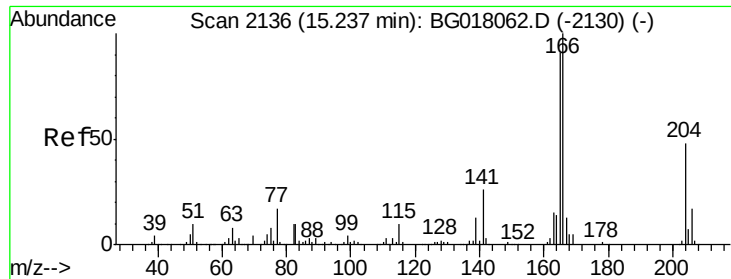
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 232   | Resp: | 43079 |
| Ion      | Ratio | Lower | Upper |
| 232      | 100   |       |       |
| 131      | 48.9  | 32.6  | 49.0  |
| 130      | 2.5   | 2.2   | 3.4   |
| 166      | 32.8  | 21.9  | 32.9  |



#57  
 Diethylphthalate  
 Concen: 18.99 ng/ul  
 RT: 15.03 min Scan# 2100  
 Delta R.T. 0.00 min  
 Lab File: BG018073.D  
 Acq: 23 Jul 2015 20:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 209364 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 23.4  | 18.8  | 28.2   |
| 150      | 13.1  | 10.4  | 15.6   |





#59

Fluorene

Concen: 19.22 ng/ul

RT: 15.24 min Scan# 2136

Delta R.T. 0.00 min

Lab File: BG018073.D

Acq: 23 Jul 2015 20:18

Instrument :

BNA\_G

ClientSampleId :

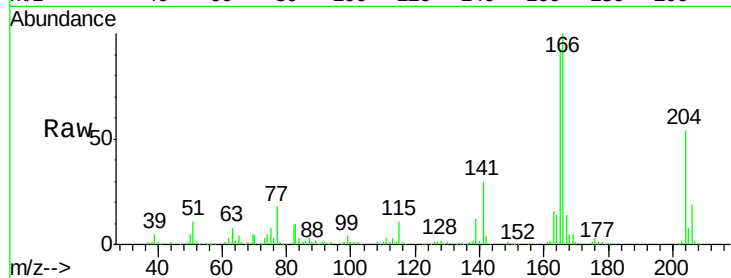
Tot Ion:166 Resp: 208276

Ion Ratio Lower Upper

166 100

165 92.4 73.6 110.4

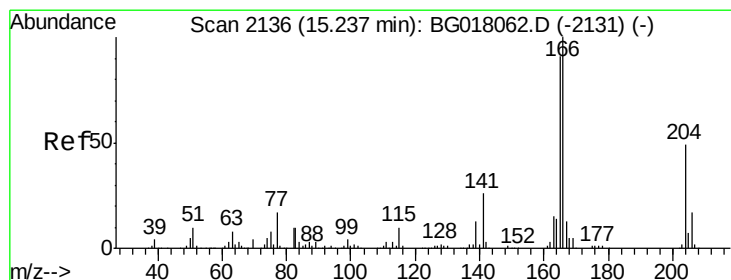
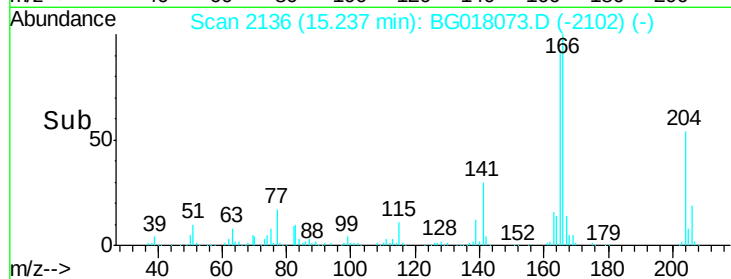
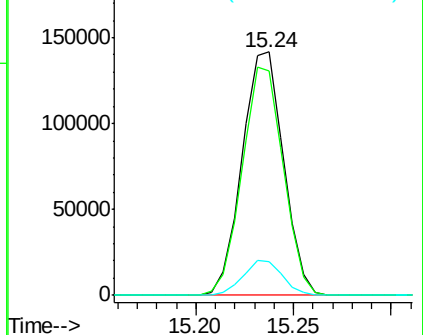
167 13.6 10.8 16.2



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



#60

4-Chlorophenyl-phenylether

Concen: 18.63 ng/ul

RT: 15.24 min Scan# 2136

Delta R.T. 0.00 min

Lab File: BG018073.D

Acq: 23 Jul 2015 20:18

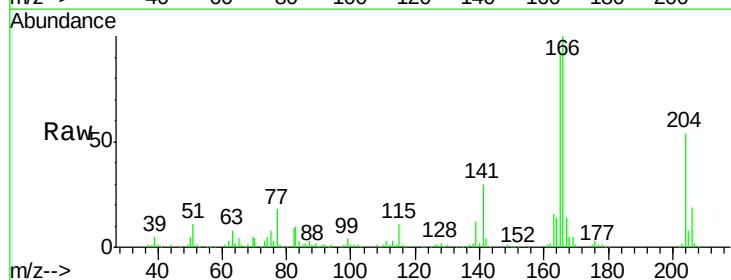
Tgt Ion:204 Resp: 101148

Ion Ratio Lower Upper

204 100

206 36.1 27.2 40.8

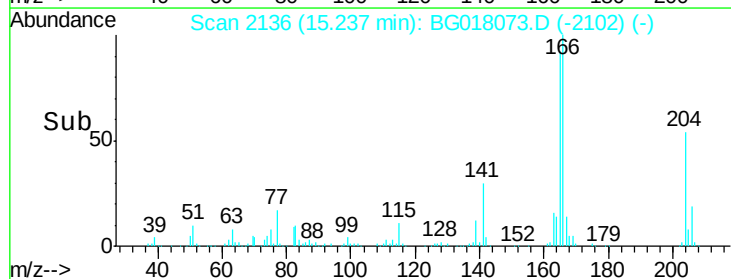
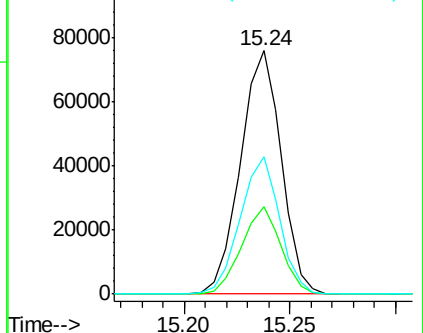
141 56.4 43.2 64.8

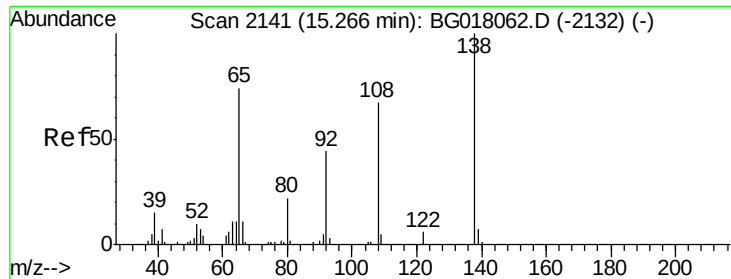


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

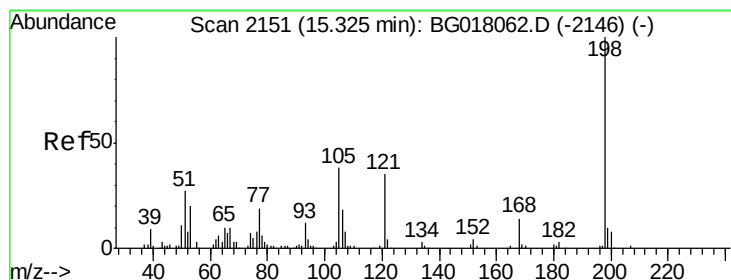
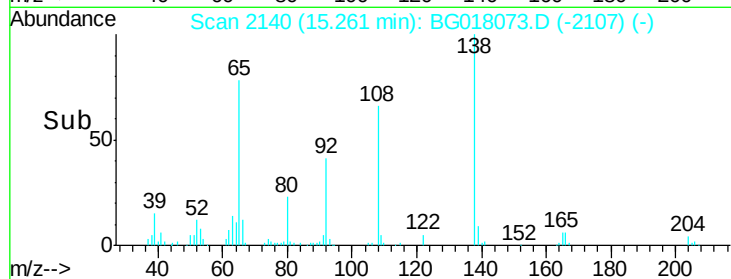
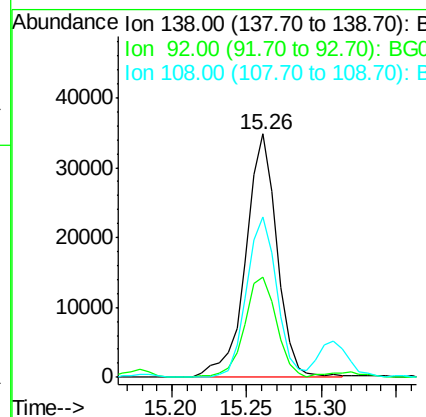
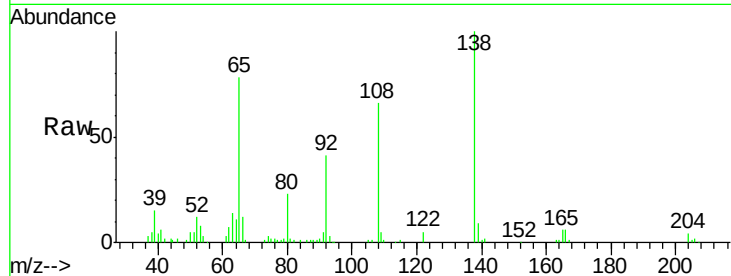




#61  
4-Nitroaniline  
Concen: 18.74 ng/ul  
RT: 15.26 min Scan# 2140  
Delta R.T. -0.01 min  
Lab File: BG018073.D  
Acq: 23 Jul 2015 20:18

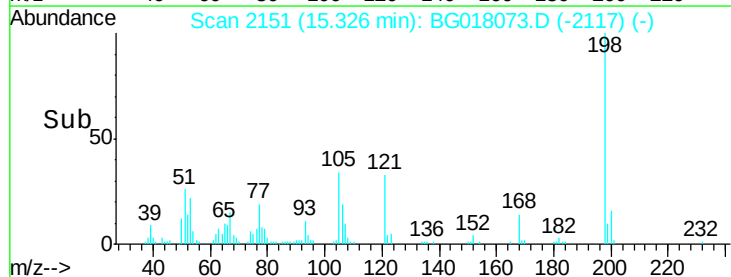
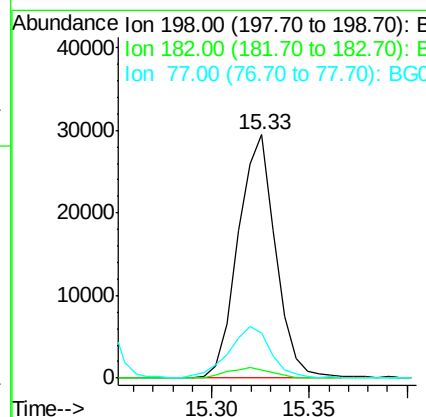
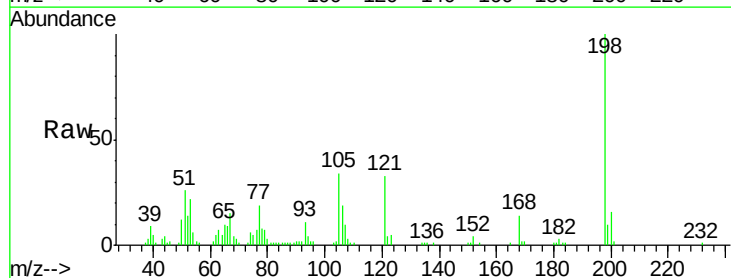
Instrument :  
BNA\_G  
ClientSampleId :

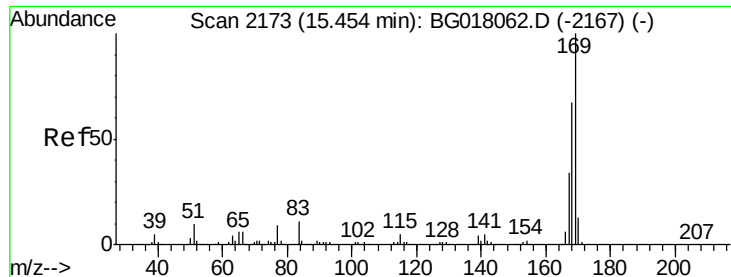
Tot Ion:138 Resp: 50346  
Ion Ratio Lower Upper  
138 100  
92 41.0 35.8 53.8  
108 66.0 52.5 78.7



#64  
4,6-Dinitro-2-methylphenol  
Concen: 16.99 ng/ul  
RT: 15.33 min Scan# 2151  
Delta R.T. 0.00 min  
Lab File: BG018073.D  
Acq: 23 Jul 2015 20:18

Tgt Ion:198 Resp: 39097  
Ion Ratio Lower Upper  
198 100  
182 3.1 2.9 4.3  
77 18.5 16.0 24.0



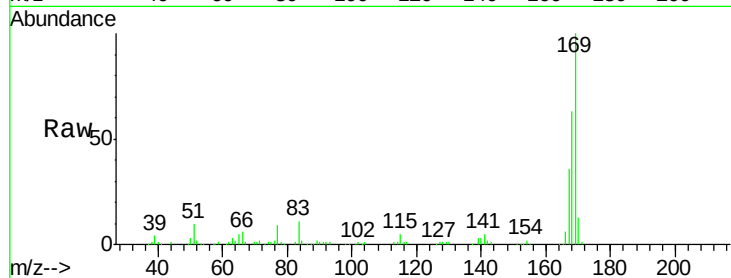


#65

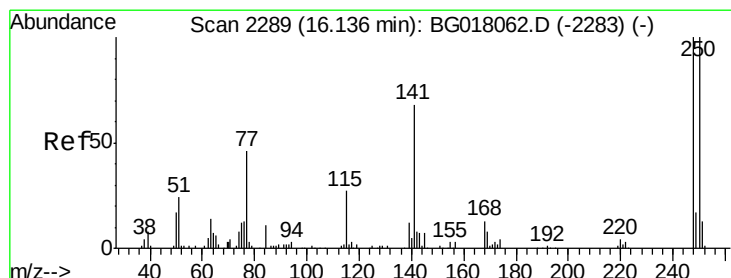
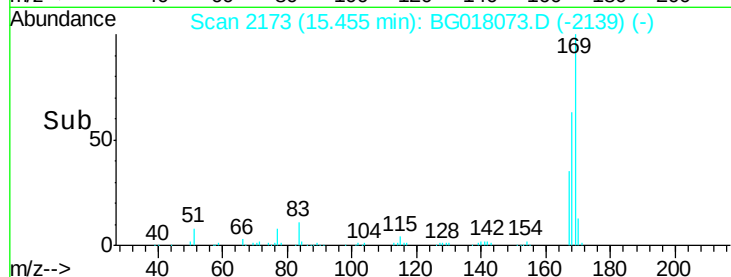
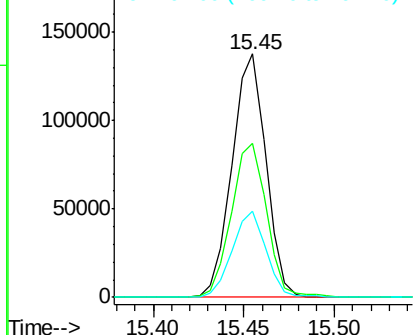
N-Nitrosodiphenylamine  
 Concen: 19.25 ng/ul  
 RT: 15.45 min Scan# 2173  
 Delta R.T. 0.00 min  
 Lab File: BG018073.D  
 Acq: 23 Jul 2015 20:18

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:169 Resp: 179347  
 Ion Ratio Lower Upper  
 169 100  
 168 63.1 52.5 78.7  
 167 35.5 27.4 41.0



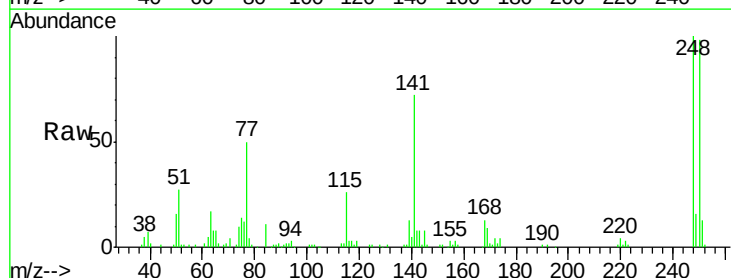
Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E



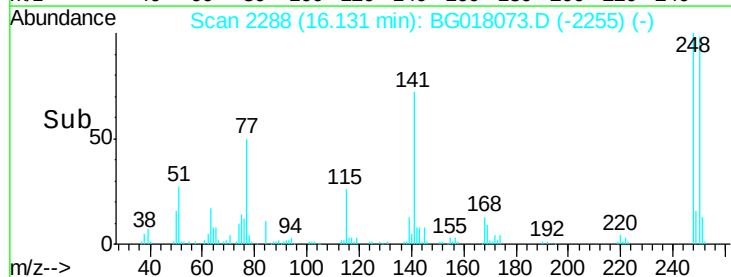
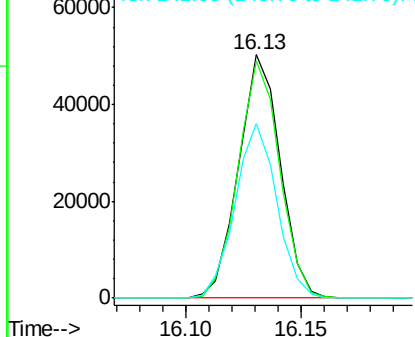
#66

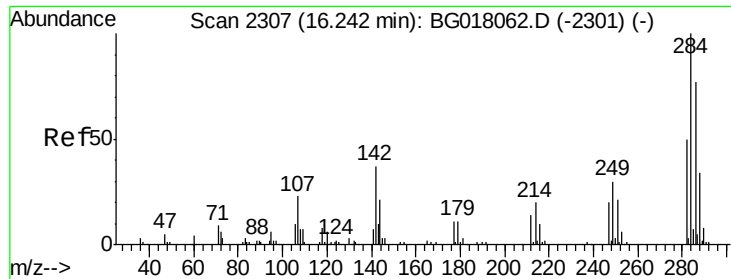
4-Bromophenyl-phenylether  
 Concen: 18.82 ng/ul  
 RT: 16.13 min Scan# 2288  
 Delta R.T. -0.01 min  
 Lab File: BG018073.D  
 Acq: 23 Jul 2015 20:18

Tgt Ion:248 Resp: 63275  
 Ion Ratio Lower Upper  
 248 100  
 250 97.7 73.5 110.3  
 141 71.7 54.8 82.2



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

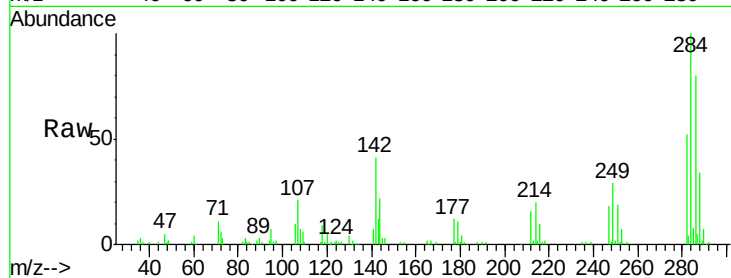




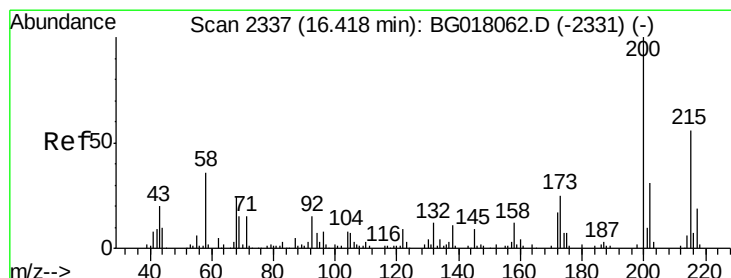
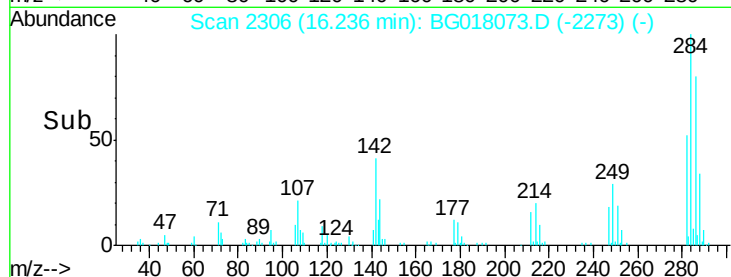
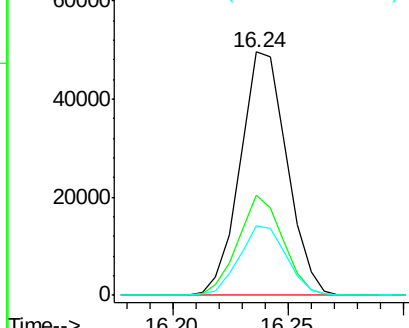
#67  
Hexachlorobenzene  
Concen: 18.66 ng/ul  
RT: 16.24 min Scan# 2306  
Delta R.T. -0.01 min  
Lab File: BG018073.D  
Acq: 23 Jul 2015 20:18

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:284 Resp: 70280  
Ion Ratio Lower Upper  
284 100  
142 41.0 29.6 44.4  
249 28.8 24.0 36.0

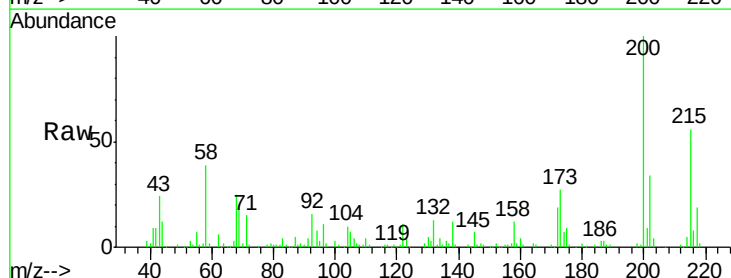


Abundance Ion 284.00 (283.70 to 284.70): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

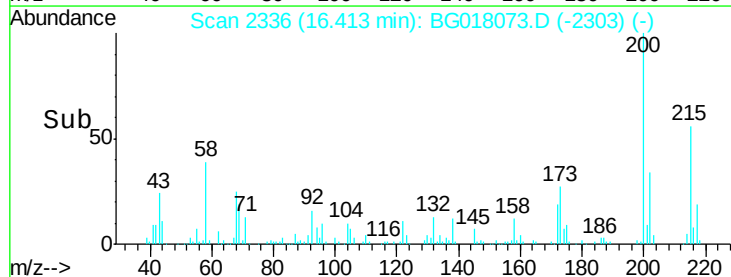
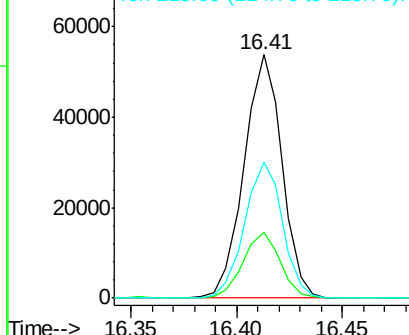


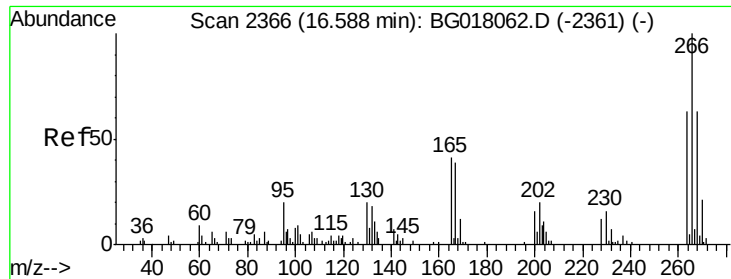
#68  
Atrazine  
Concen: 18.61 ng/ul  
RT: 16.41 min Scan# 2336  
Delta R.T. -0.01 min  
Lab File: BG018073.D  
Acq: 23 Jul 2015 20:18

Tgt Ion:200 Resp: 67048  
Ion Ratio Lower Upper  
200 100  
173 26.7 20.0 30.0  
215 55.8 44.2 66.4



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

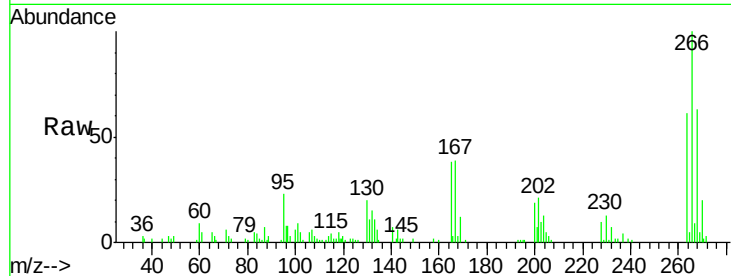




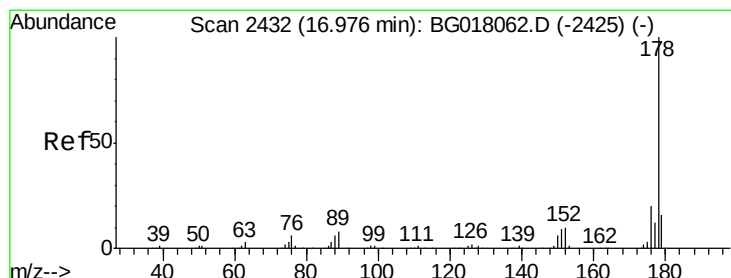
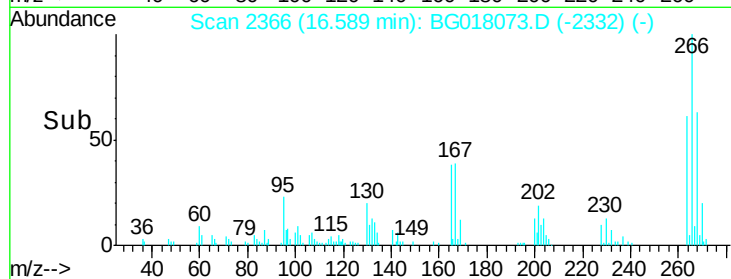
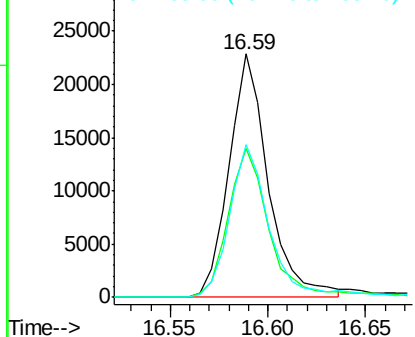
#69  
 Pentachlorophenol  
 Concen: 15.55 ng/ul  
 RT: 16.59 min Scan# 2366  
 Delta R.T. 0.00 min  
 Lab File: BG018073.D  
 Acq: 23 Jul 2015 20:18

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:266 Resp: 31791  
 Ion Ratio Lower Upper  
 266 100  
 264 61.4 47.7 71.5  
 268 62.6 46.0 69.0

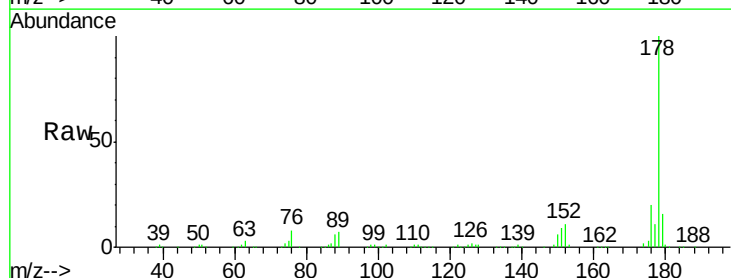


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 264.00 (263.70 to 264.70): E  
 Ion 268.00 (267.70 to 268.70): E

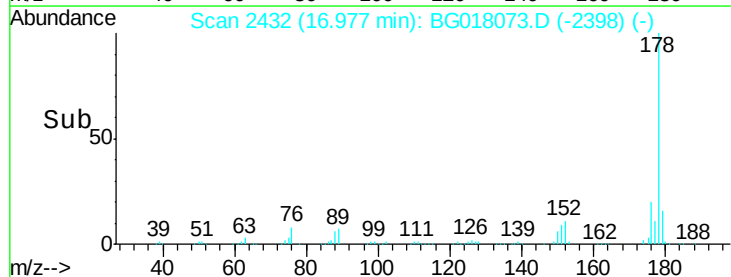
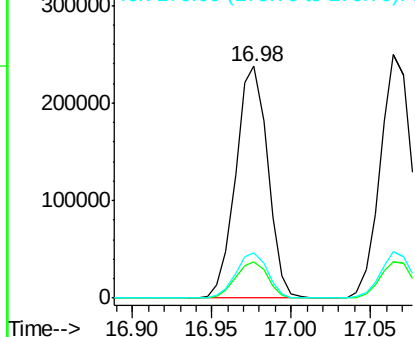


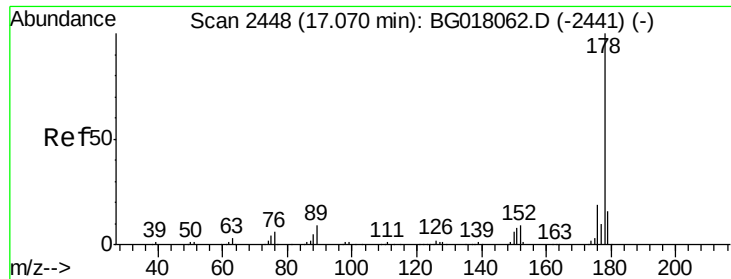
#70  
 Phenanthrene  
 Concen: 19.33 ng/ul  
 RT: 16.98 min Scan# 2432  
 Delta R.T. 0.00 min  
 Lab File: BG018073.D  
 Acq: 23 Jul 2015 20:18

Tgt Ion:178 Resp: 332077  
 Ion Ratio Lower Upper  
 178 100  
 179 15.5 13.0 19.6  
 176 19.8 15.8 23.8



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





#72

Anthracene

Concen: 19.56 ng/uL

RT: 17.06 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BG018073.D

Acq: 23 Jul 2015 20:18

Instrument :

BNA\_G

ClientSampleId :

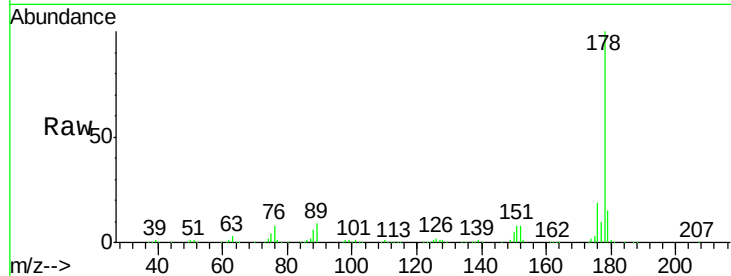
Tot Ion:178 Resp: 341234

Ion Ratio Lower Upper

178 100

179 15.1 12.4 18.6

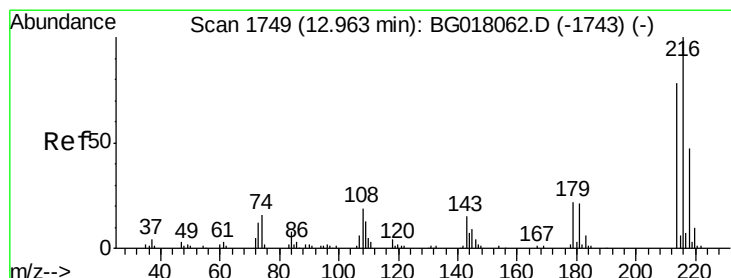
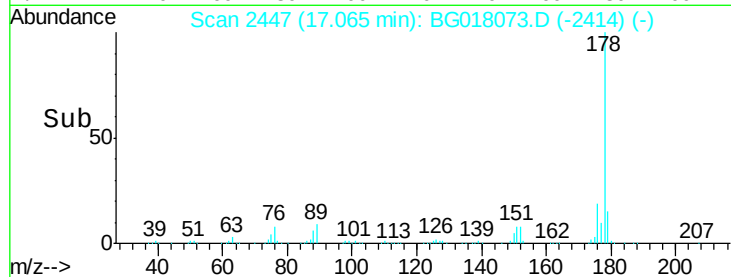
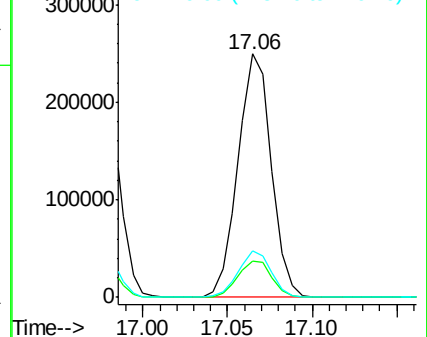
176 18.9 15.8 23.8



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



#73

1,2,3,4-Tetrachlorobenzene

Concen: 18.97 ng/uL

RT: 12.96 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BG018073.D

Acq: 23 Jul 2015 20:18

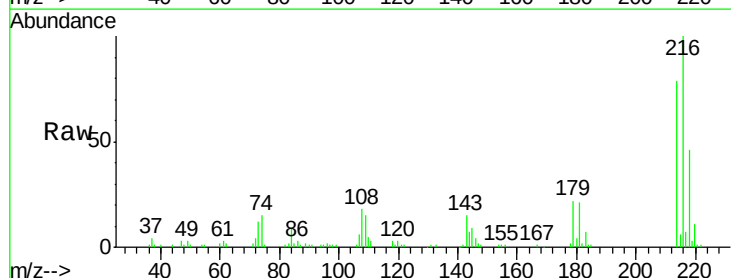
Tgt Ion:216 Resp: 72969

Ion Ratio Lower Upper

216 100

214 78.6 63.9 95.9

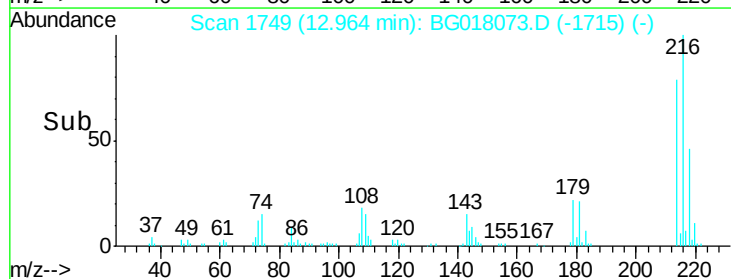
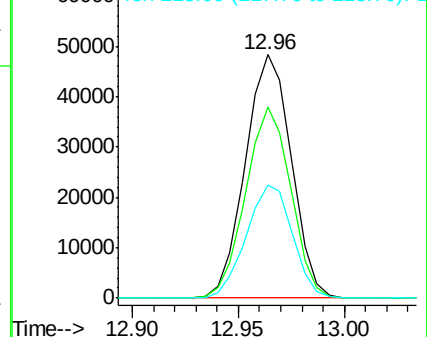
218 46.4 37.3 55.9

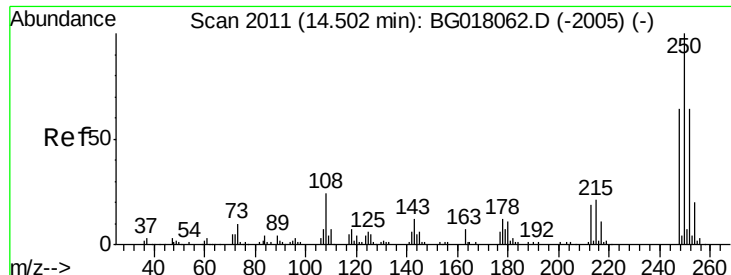


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 18.80 ng/uL

RT: 14.50 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BG018073.D

Acq: 23 Jul 2015 20:18

Instrument :

BNA\_G

ClientSampleId :

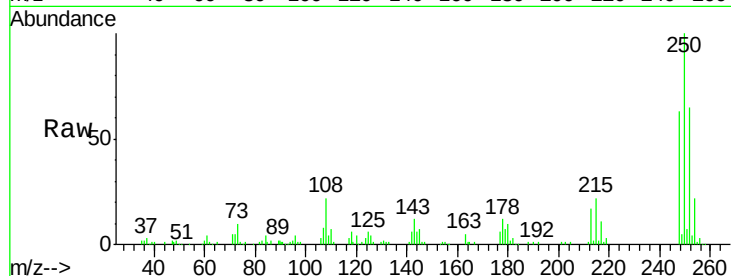
Tot Ion:250 Resp: 76043

Ion Ratio Lower Upper

250 100

248 63.0 51.8 77.8

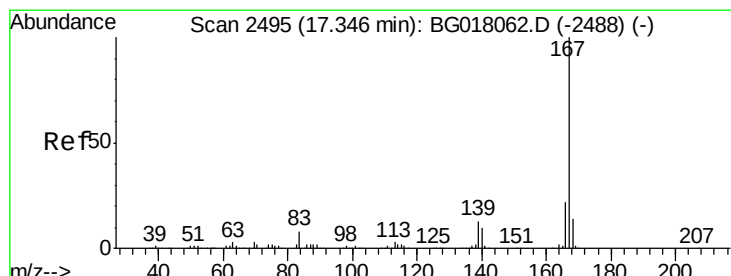
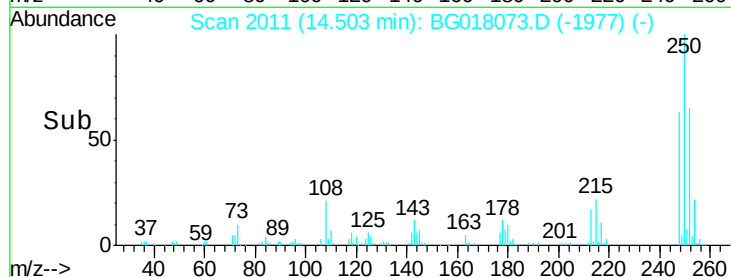
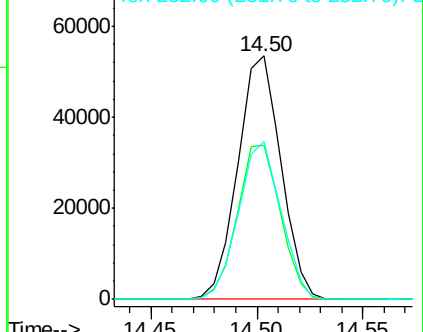
252 64.8 50.9 76.3



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E



#75

Carbazole

Concen: 20.24 ng/uL

RT: 17.34 min Scan# 2494

Delta R.T. -0.01 min

Lab File: BG018073.D

Acq: 23 Jul 2015 20:18

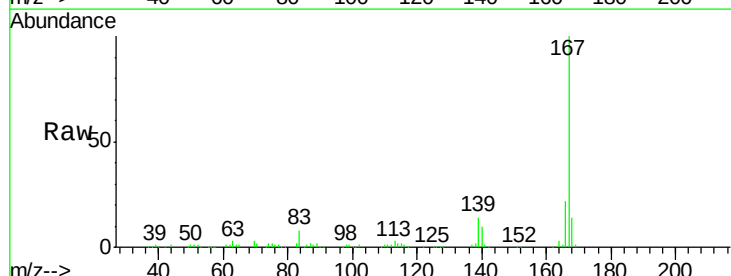
Tgt Ion:167 Resp: 305836

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.2

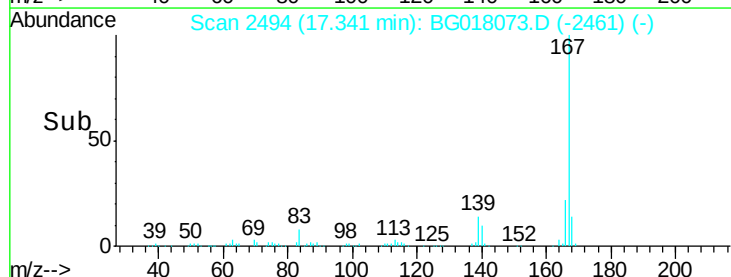
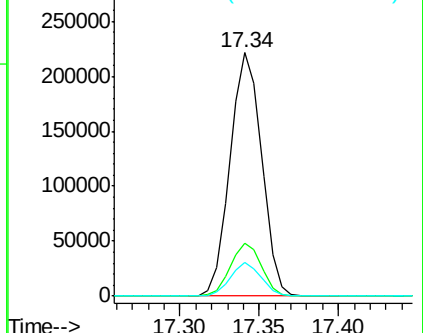
139 14.0 10.6 15.8



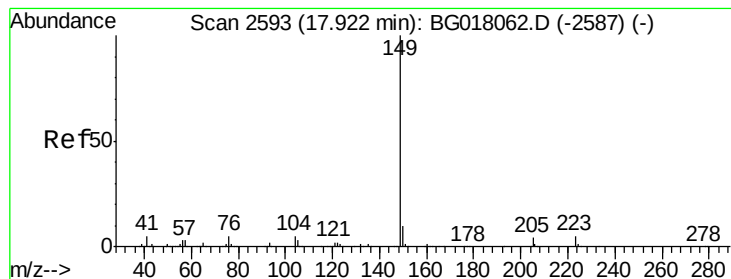
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E







#76

Di-n-butylphthalate

Concen: 19.35 ng/ul

RT: 17.92 min Scan# 2593

Delta R.T. 0.00 min

Lab File: BG018073.D

Acq: 23 Jul 2015 20:18

Instrument :

BNA\_G

ClientSampleId :

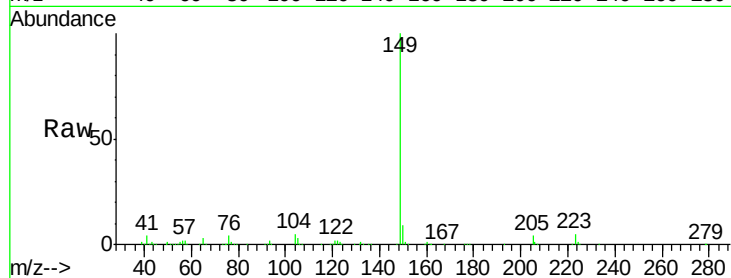
Tot Ion:149 Resp: 384922

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.0

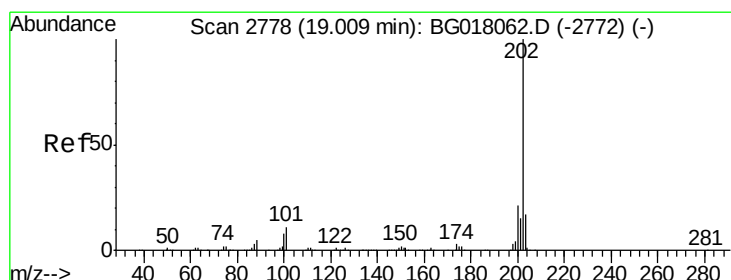
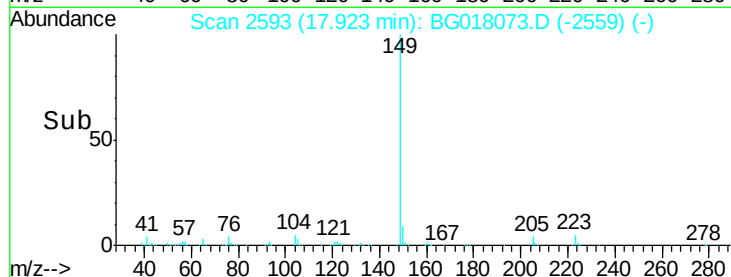
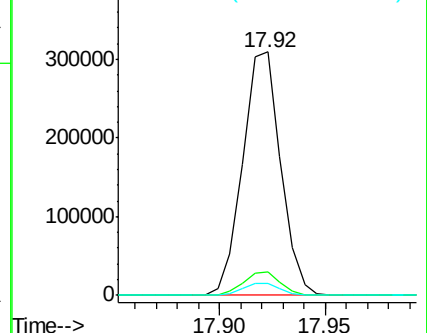
104 4.7 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#77

Fluoranthene

Concen: 20.80 ng/ul

RT: 19.00 min Scan# 2777

Delta R.T. -0.01 min

Lab File: BG018073.D

Acq: 23 Jul 2015 20:18

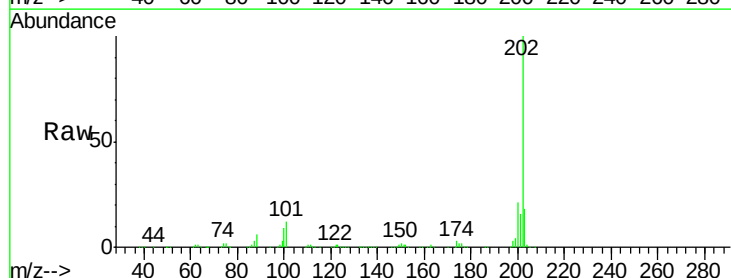
Tgt Ion:202 Resp: 380634

Ion Ratio Lower Upper

202 100

101 11.6 9.1 13.7

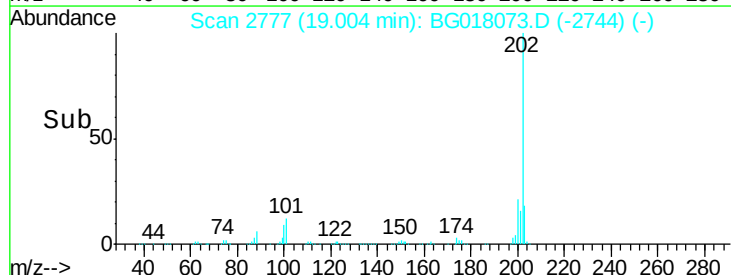
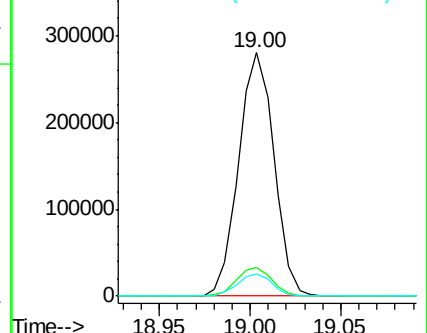
100 8.9 7.5 11.3

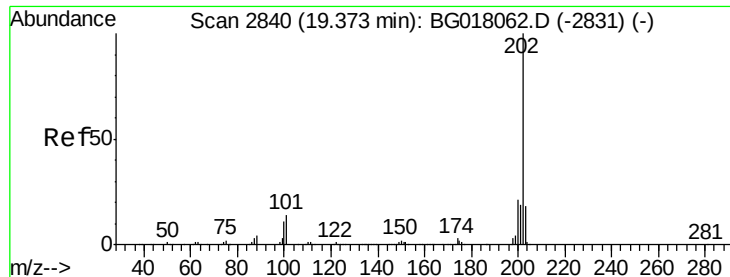


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

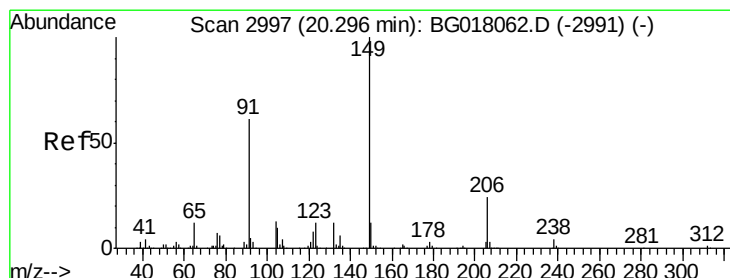
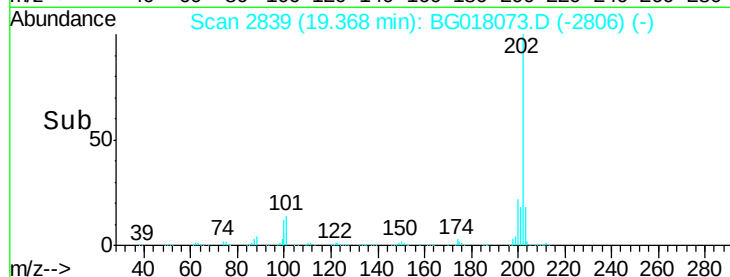
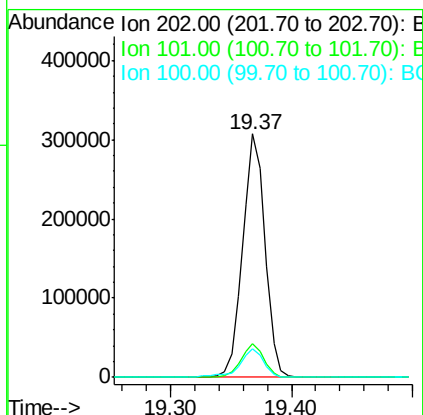
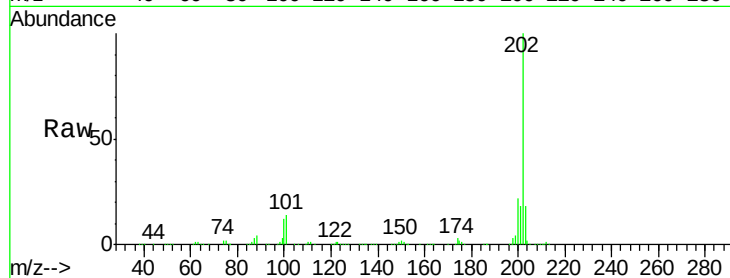




#80  
Pvrene  
Concen: 19.47 ng/ul  
RT: 19.37 min Scan# 2839  
Delta R.T. -0.01 min  
Lab File: BG018073.D  
Acq: 23 Jul 2015 20:18

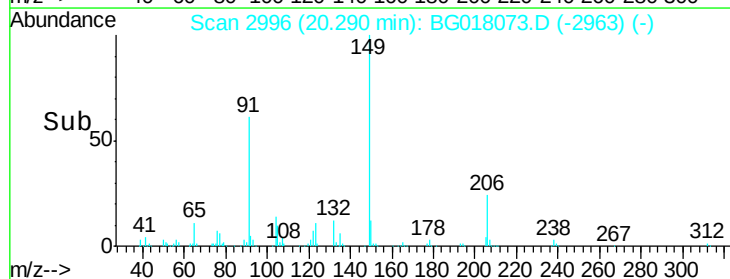
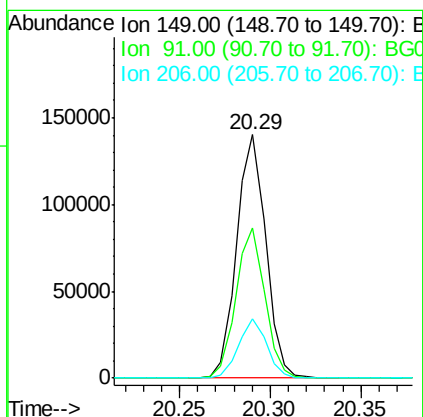
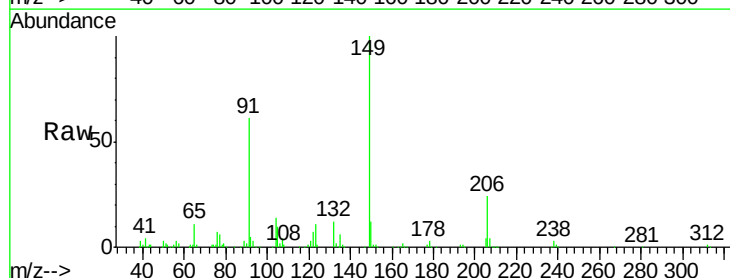
Instrument :  
BNA\_G  
ClientSampleId :

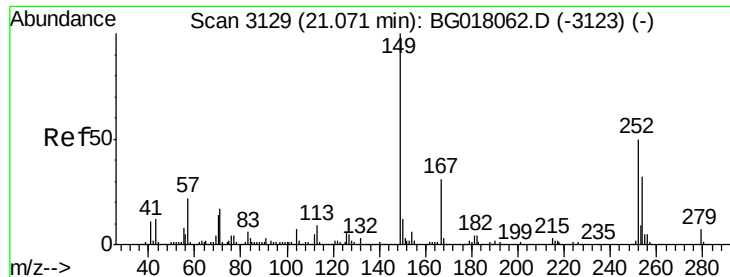
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 13.8  | 10.9  | 16.3  |
| 100     | 11.9  | 8.5   | 12.7  |



#81  
Butylbenzylphthalate  
Concen: 18.82 ng/ul  
RT: 20.29 min Scan# 2996  
Delta R.T. -0.01 min  
Lab File: BG018073.D  
Acq: 23 Jul 2015 20:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 61.4  | 51.1  | 76.7  |
| 206     | 24.2  | 19.9  | 29.9  |

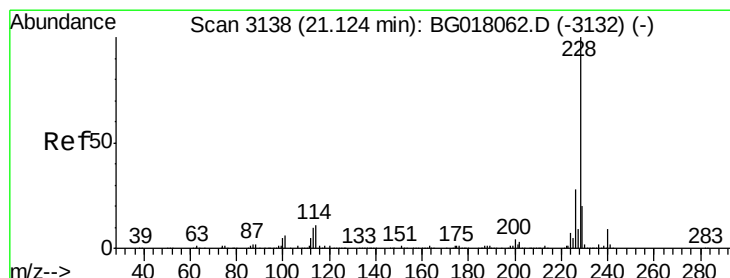
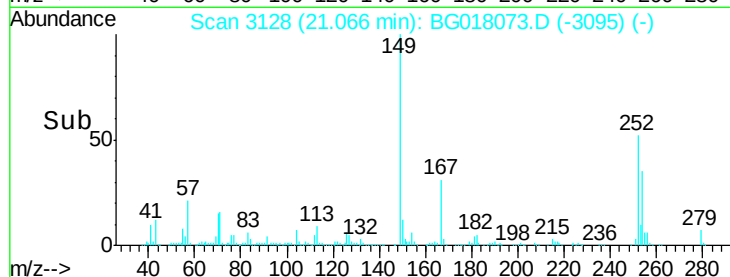
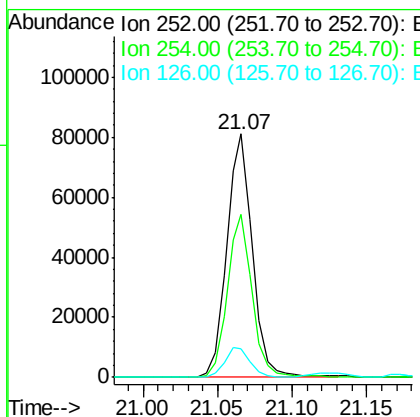
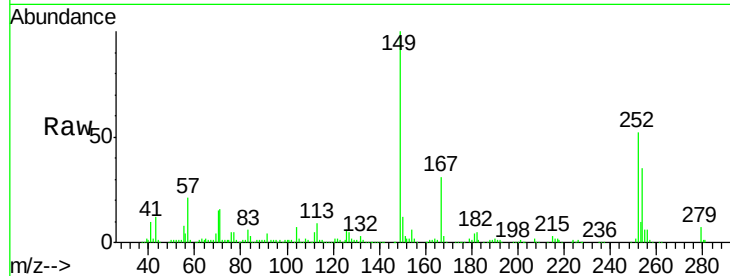




#82  
 3,3'-Dichlorobenzidine  
 Concen: 17.28 ng/ul  
 RT: 21.07 min Scan# 3128  
 Delta R.T. -0.01 min  
 Lab File: BG018073.D  
 Acq: 23 Jul 2015 20:18

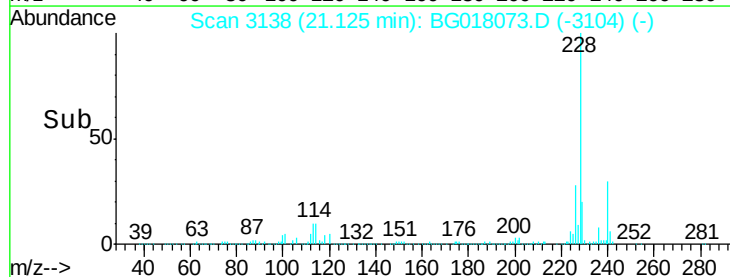
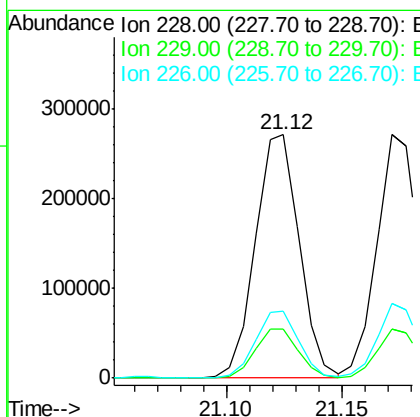
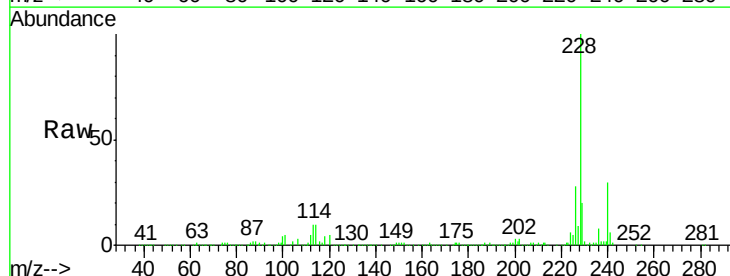
Instrument :  
 BNA\_G  
 ClientSampled :

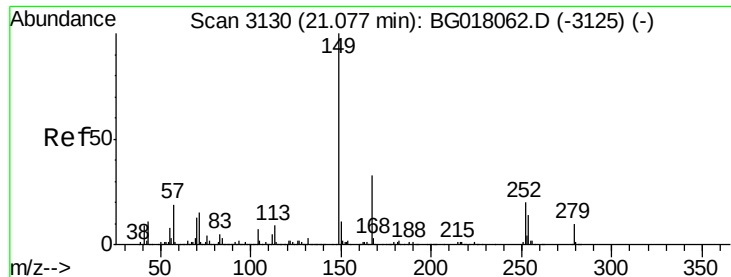
Tot Ion:252 Resp: 97866  
 Ion Ratio Lower Upper  
 252 100  
 254 67.0 53.0 79.4  
 126 12.0 9.4 14.2



#83  
 Benzo(a)anthracene  
 Concen: 18.99 ng/ul  
 RT: 21.12 min Scan# 3138  
 Delta R.T. 0.00 min  
 Lab File: BG018073.D  
 Acq: 23 Jul 2015 20:18

Tgt Ion:228 Resp: 358580  
 Ion Ratio Lower Upper  
 228 100  
 229 20.0 16.6 24.8  
 226 27.7 21.1 31.7

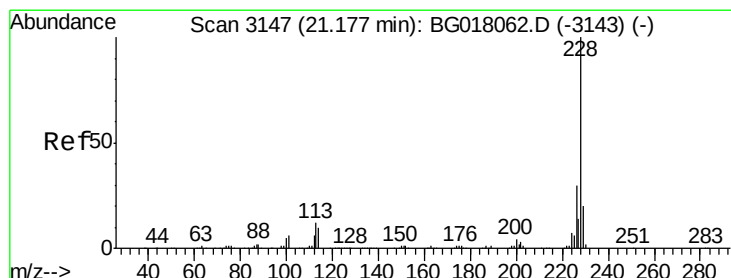
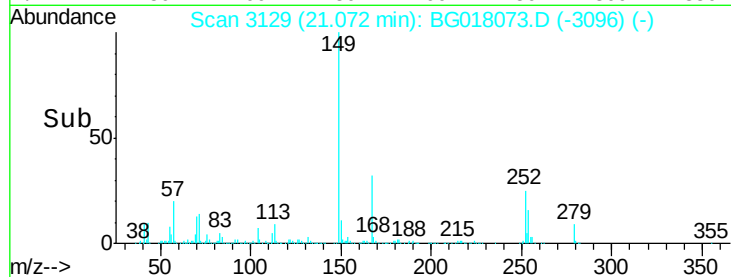
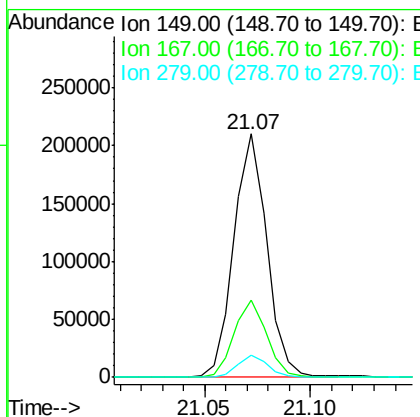
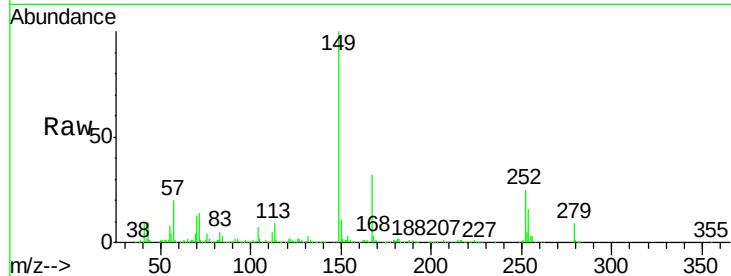




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 18.99 ng/ul  
 RT: 21.07 min Scan# 3129  
 Delta R.T. -0.01 min  
 Lab File: BG018073.D  
 Acq: 23 Jul 2015 20:18

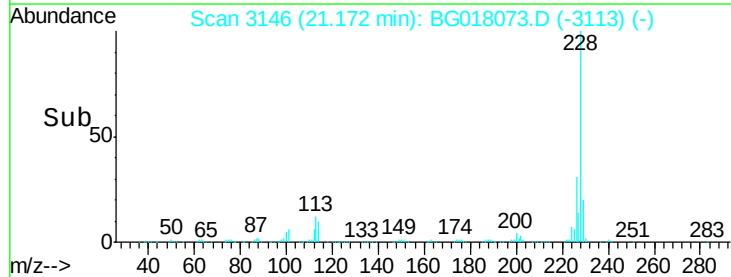
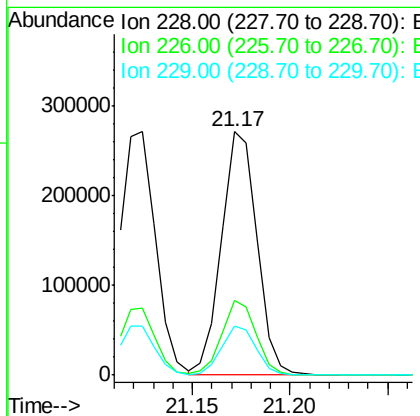
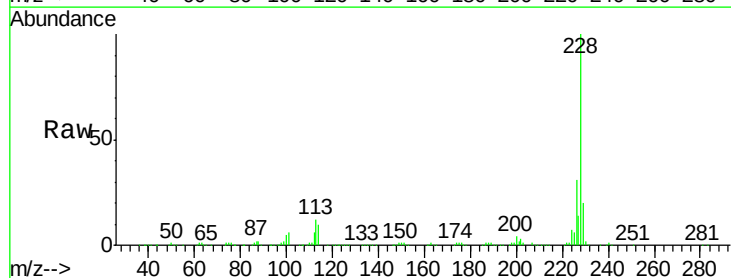
Instrument :  
 BNA\_G  
 ClientSampled :

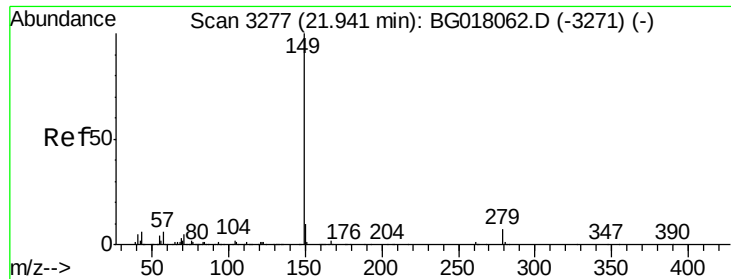
Tot Ion:149 Resp: 227706  
 Ion Ratio Lower Upper  
 149 100  
 167 31.9 26.2 39.4  
 279 8.9 7.2 10.8



#85  
 Chrysene  
 Concen: 19.13 ng/ul  
 RT: 21.17 min Scan# 3146  
 Delta R.T. -0.01 min  
 Lab File: BG018073.D  
 Acq: 23 Jul 2015 20:18

Tgt Ion:228 Resp: 340101  
 Ion Ratio Lower Upper  
 228 100  
 226 30.6 22.9 34.3  
 229 20.4 15.6 23.4





#87

Di-n-octyl phthalate

Concen: 20.29 ng/ul

RT: 21.94 min Scan# 3276

Delta R.T. -0.01 min

Lab File: BG018073.D

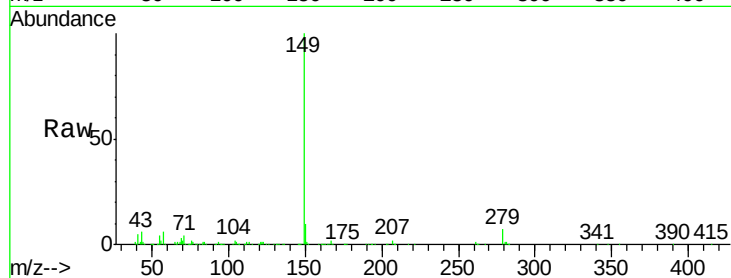
Acq: 23 Jul 2015 20:18

Instrument :

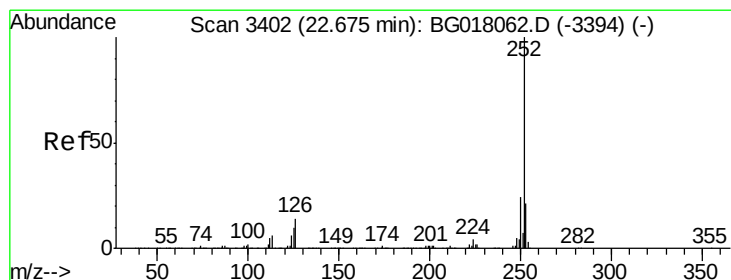
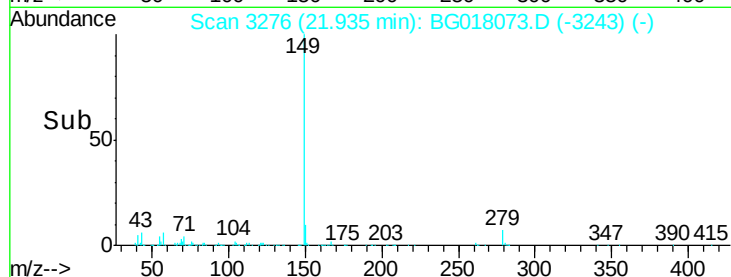
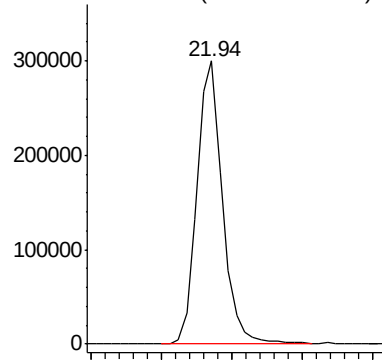
BNA\_G

ClientSampleId :

Tgt Ion:149 Resp: 376024



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 18.66 ng/ul

RT: 22.67 min Scan# 3401

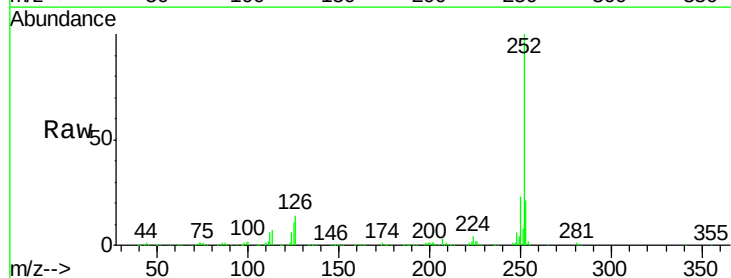
Delta R.T. -0.01 min

Lab File: BG018073.D

Acq: 23 Jul 2015 20:18

Tgt Ion:252 Resp: 353581

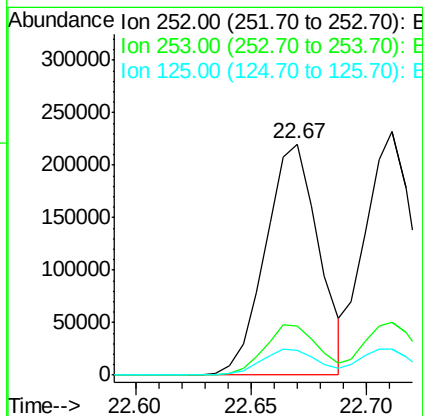
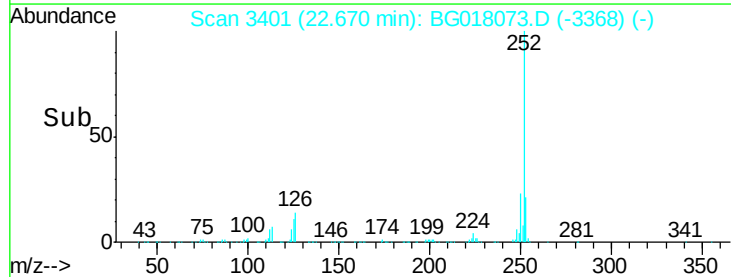
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.1  | 18.5  | 27.7  |
| 125 | 10.7  | 9.1   | 13.7  |

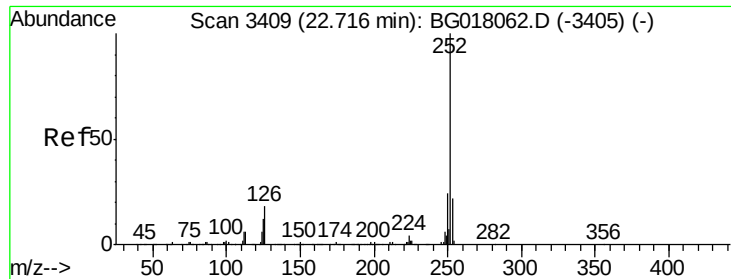


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

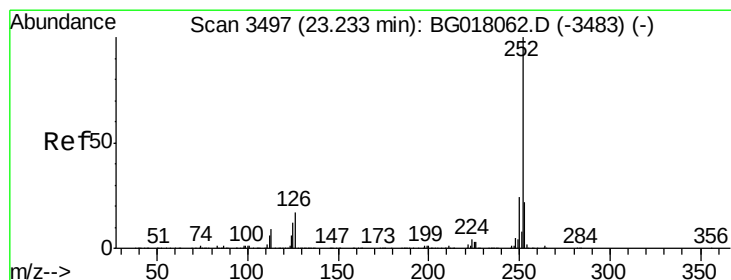
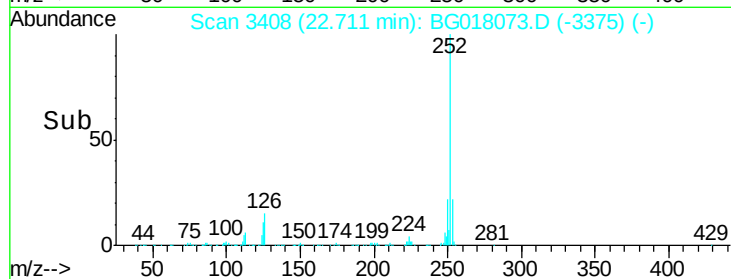
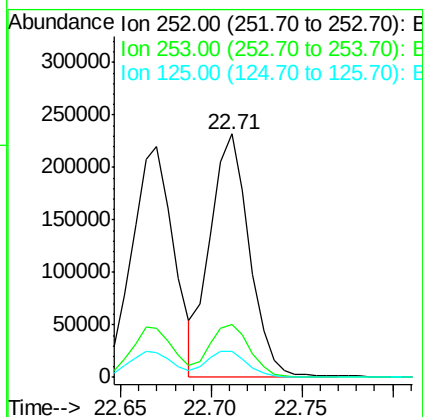
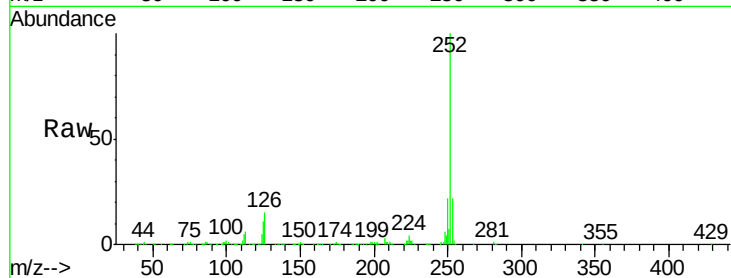




#89  
Benzo(k)fluoranthene  
Concen: 19.14 ng/ul  
RT: 22.71 min Scan# 3408  
Delta R.T. -0.01 min  
Lab File: BG018073.D  
Acq: 23 Jul 2015 20:18

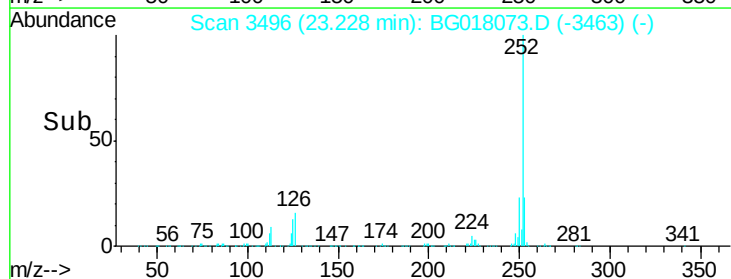
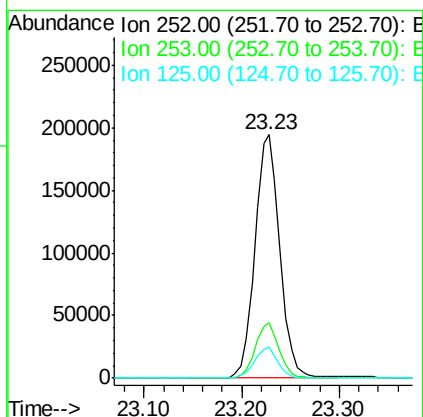
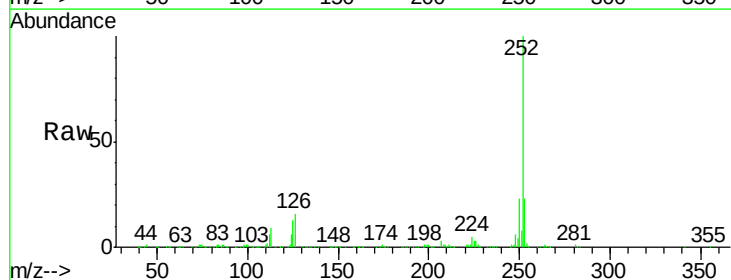
Instrument :  
BNA\_G  
ClientSampleId :

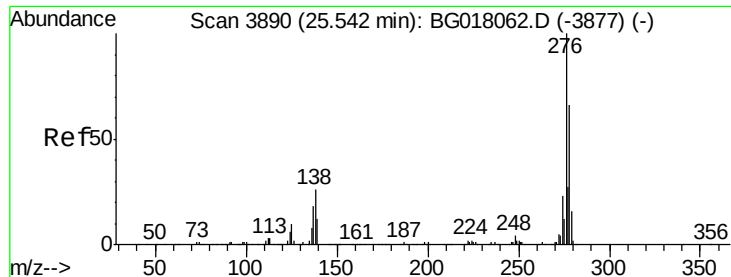
Tot Ion:252 Resp: 350901  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.8 26.8  
125 10.6 9.3 13.9



#91  
Benzo(a)pyrene  
Concen: 18.91 ng/ul  
RT: 23.23 min Scan# 3496  
Delta R.T. -0.01 min  
Lab File: BG018073.D  
Acq: 23 Jul 2015 20:18

Tgt Ion:252 Resp: 347033  
Ion Ratio Lower Upper  
252 100  
253 22.9 18.0 27.0  
125 12.9 10.2 15.2





#92

Indeno(1,2,3-cd)pyrene

Concen: 18.56 ng/ul

RT: 25.53 min Scan# 3887

Delta R.T. -0.02 min

Lab File: BG018073.D

Acq: 23 Jul 2015 20:18

Instrument :

BNA\_G

ClientSampleId :

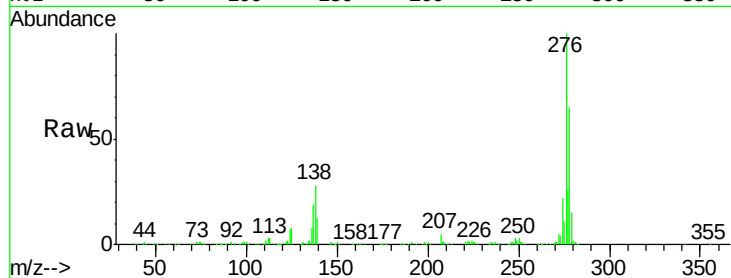
Tot Ion:276 Resp: 393033

Ion Ratio Lower Upper

276 100

138 27.5 22.6 33.8

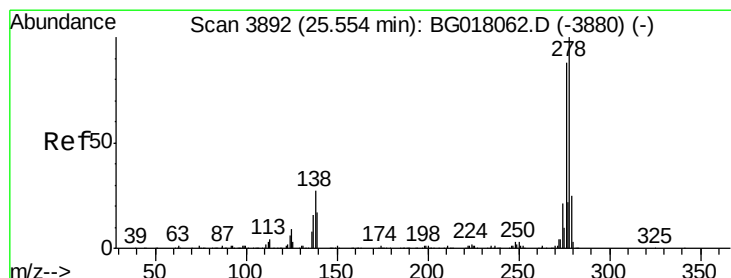
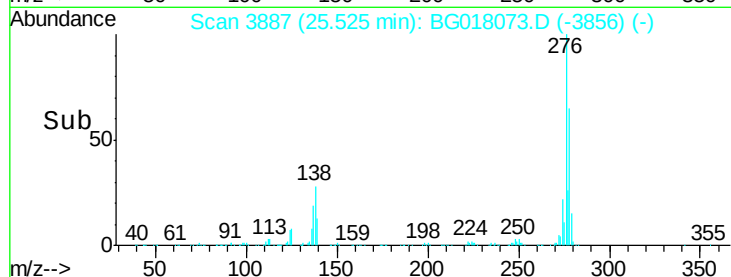
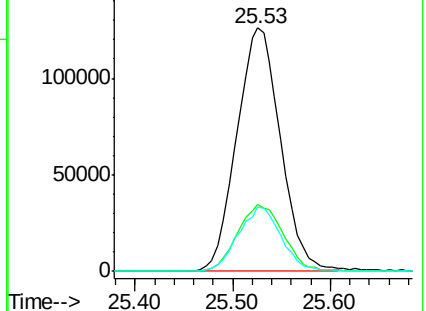
277 26.5 19.8 29.8



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



#93

Dibenzo(a,h)anthracene

Concen: 18.57 ng/ul

RT: 25.54 min Scan# 3890

Delta R.T. -0.01 min

Lab File: BG018073.D

Acq: 23 Jul 2015 20:18

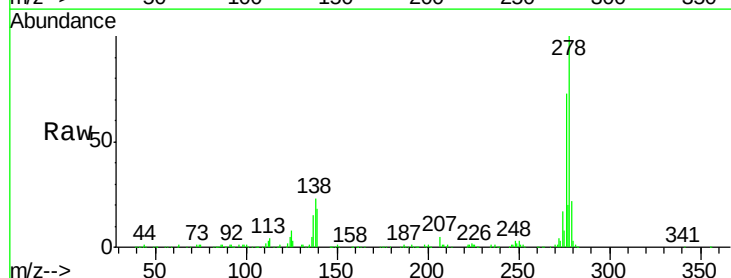
Tgt Ion:278 Resp: 335746

Ion Ratio Lower Upper

278 100

139 17.7 13.7 20.5

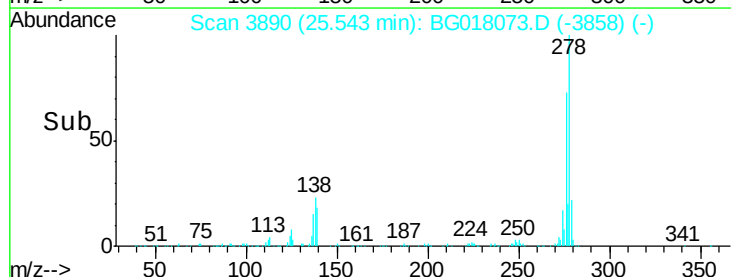
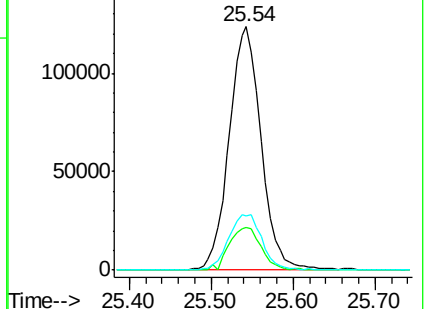
279 22.1 18.1 27.1

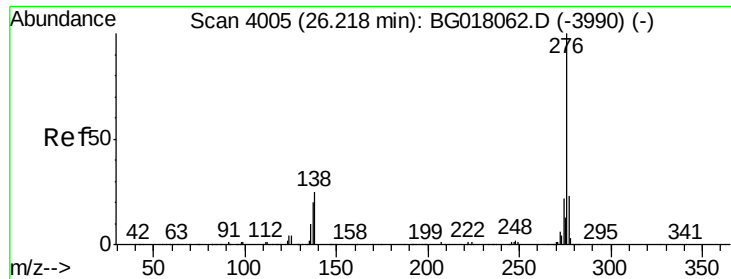


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(a,h,i)perylene

Concen: 18.45 ng/ul

RT: 26.20 min Scan# 4002

Delta R.T. -0.02 min

Lab File: BG018073.D

Acq: 23 Jul 2015 20:18

Instrument :

BNA\_G

ClientSampleId :

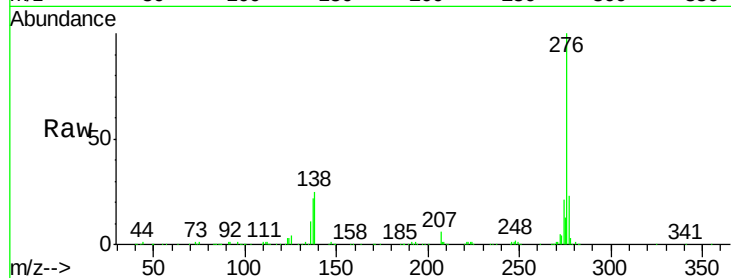
Tot Ion: 276 Resp: 322747

Ion Ratio Lower Upper

276 100

138 25.3 18.8 28.2

277 22.7 19.3 28.9



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

