

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072717\  
 Data File : BG028038.D  
 Acq On : 27 Jul 2017 22:27  
 Operator : SJ/JU  
 Sample : MDL-S-01  
 Misc : 4 PPM  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Jul 28 02:13:46 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG072717MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jul 28 02:09:08 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.37  | 152  | 30996    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.19 | 136  | 137232   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.97 | 164  | 105386   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.72 | 188  | 312661   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 22.06 | 240  | 417813   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.58 | 264  | 415132   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.85  | 96  | 3068   | 6.41  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.51  | 99  | 79679  | 34.03 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.68  | 67  | 45220  | 38.63 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.90  | 132 | 74276  | 37.63 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.06  | 113 | 73641  | 35.24 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.54  | 128 | 37586  | 39.19 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.26 | 143 | 48059  | 39.34 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.80 | 165 | 90626  | 37.69 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.32 | 131 | 104449 | 43.07 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.36 | 166 | 390118 | 40.90 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.67 | 160 | 399518 | 38.72 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 15.16 | 143 | 50675  | 35.37 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.96 | 176 | 341720 | 38.90 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 16.07 | 200 | 79770  | 35.83 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.82 | 188 | 603601 | 40.31 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 20.10 | 212 | 753181 | 40.58 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 25.34 | 264 | 753804 | 39.48 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |       | Ovalue |           |
|--------------------------------|-------|-----|-------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.89  | 88  | 795   | 1.550  | ng/uL# 75 |
| 4) Benzaldehyde                | 7.51  | 77  | 579   | 0.500  | ng/ul# 73 |
| 6) Phenol                      | 7.54  | 94  | 8352  | 3.678  | ng/ul# 68 |
| 8) Bis(2-Chloroethyl)ether     | 7.78  | 93  | 6175  | 3.842  | ng/ul# 95 |
| 10) 2-Chlorophenol             | 7.94  | 128 | 6898  | 3.794  | ng/ul# 85 |
| 11) 2-Methylphenol             | 8.80  | 108 | 5685  | 3.211  | ng/ul 90  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.89  | 45  | 7781  | 3.688  | ng/ul 96  |
| 14) Acetophenone               | 9.19  | 105 | 11911 | 3.923  | ng/ul 87  |
| 15) N-Nitroso-di-n-propylamine | 9.16  | 70  | 5936  | 4.164  | ng/ul# 81 |
| 16) 4-Methylphenol             | 9.12  | 108 | 4315  | 2.197  | ng/ul 98  |
| 17) Hexachloroethane           | 9.46  | 117 | 2736  | 3.762  | ng/ul# 85 |
| 20) Nitrobenzene               | 9.57  | 77  | 8134  | 3.949  | ng/ul# 83 |
| 21) Isophorone                 | 10.09 | 82  | 16085 | 4.086  | ng/ul# 93 |
| 23) 2-Nitrophenol              | 10.30 | 139 | 4600  | 3.908  | ng/ul# 88 |
| 24) 2,4-Dimethylphenol         | 10.33 | 107 | 9459  | 4.017  | ng/ul 86  |
| 25) Bis(2-Chloroethoxy)methane | 10.57 | 93  | 9018  | 3.944  | ng/ul# 89 |
| 27) 2,4-Dichlorophenol         | 10.83 | 162 | 8683  | 3.790  | ng/ul 97  |
| 28) Naphthalene                | 11.24 | 128 | 24733 | 3.993  | ng/ul 96  |
| 30) 4-Chloroaniline            | 11.34 | 127 | 7617  | 3.300  | ng/ul 97  |
| 31) Hexachlorobutadiene        | 11.52 | 225 | 8064  | 4.068  | ng/ul# 84 |
| 32) Caprolactam                | 12.13 | 113 | 1106  | 1.504  | ng/ul 98  |
| 33) 4-Chloro-3-methylphenol    | 12.44 | 107 | 7718  | 3.457  | ng/ul# 76 |
| 34) 2-Methylnaphthalene        | 12.82 | 142 | 21039 | 3.936  | ng/ul 100 |

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 BNA\_G  
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Quant Time: Jul 28 02:13:46 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG072717MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jul 28 02:09:08 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 35) 1-Methylnaphthalene        | 13.04 | 142  | 20380    | 3.932 | ng/ul# | 95       |
| 37) 1,2,4,5-Tetrachlorobenzene | 13.18 | 216  | 16515    | 4.068 | ng/ul# | 88       |
| 38) Hexachlorocyclopentadiene  | 13.16 | 237  | 6315     | 2.653 | ng/ul# | 96       |
| 39) 2,4,6-Trichlorophenol      | 13.42 | 196  | 8352     | 3.447 | ng/ul  | 96       |
| 40) 2,4,5-Trichlorophenol      | 13.50 | 196  | 8781     | 3.411 | ng/ul  | 94       |
| 41) 1,1'-Biphenyl              | 13.81 | 154  | 31434    | 4.104 | ng/ul# | 96       |
| 42) 2-Chloronaphthalene        | 13.86 | 162  | 25348    | 4.103 | ng/ul# | 91       |
| 43) 2-Nitroaniline             | 14.06 | 65   | 4949     | 3.399 | ng/ul  | 92       |
| 45) Dimethylphthalate          | 14.41 | 163  | 37267    | 4.265 | ng/ul  | 100      |
| 46) 2,6-Dinitrotoluene         | 14.54 | 165  | 6180     | 3.523 | ng/ul# | 84       |
| 48) Acenaphthylene             | 14.70 | 152  | 40490    | 4.141 | ng/ul  | 98       |
| 49) 3-Nitroaniline             | 14.88 | 138  | 4895     | 3.358 | ng/ul# | 91       |
| 50) Acenaphthene               | 15.04 | 153  | 26963    | 4.027 | ng/ul  | 97       |
| 51) 2,4-Dinitrophenol          | 15.09 | 184  | 2517     | 2.248 | ng/ul  | 98       |
| 53) 4-Nitrophenol              | 15.17 | 109  | 4116     | 3.532 | ng/ul# | 74       |
| 54) Dibenzofuran               | 15.37 | 168  | 43544    | 4.277 | ng/ul  | 93       |
| 55) 2,4-Dinitrotoluene         | 15.33 | 165  | 9415     | 3.594 | ng/ul  | 92       |
| 56) 2,3,4,6-Tetrachlorophenol  | 15.60 | 232  | 9658     | 3.523 | ng/ul# | 97       |
| 57) Diethylphthalate           | 15.77 | 149  | 36587    | 3.988 | ng/ul  | 99       |
| 59) Fluorene                   | 16.02 | 166  | 35965    | 4.072 | ng/ul  | 100      |
| 60) 4-Chlorophenyl-phenylether | 16.00 | 204  | 21808    | 4.133 | ng/ul  | 95       |
| 61) 4-Nitroaniline             | 16.04 | 138  | 6581     | 3.801 | ng/ul  | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 16.08 | 198  | 8588     | 4.026 | ng/ul# | 73       |
| 65) N-Nitrosodiphenylamine     | 16.21 | 169  | 31095    | 3.940 | ng/ul  | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.90 | 248  | 15703    | 3.906 | ng/ul  | 92       |
| 67) Hexachlorobenzene          | 17.02 | 284  | 18479    | 4.042 | ng/ul# | 92       |
| 68) Atrazine                   | 17.15 | 200  | 12736    | 3.382 | ng/ul# | 84       |
| 69) Pentachlorophenol          | 17.38 | 266  | 5936     | 2.487 | ng/ul  | 93       |
| 70) Phenanthrene               | 17.76 | 178  | 63043    | 4.056 | ng/ul  | 97       |
| 72) Anthracene                 | 17.86 | 178  | 66778    | 4.126 | ng/ul  | 98       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.78 | 216  | 16570    | 3.800 | ng/uL  | 95       |
| 74) Pentachlorobenzene         | 15.29 | 250  | 25022    | 3.861 | ng/uL  | 98       |
| 75) Carbazole                  | 18.13 | 167  | 52031    | 3.926 | ng/ul  | 100      |
| 76) Di-n-butylphthalate        | 18.65 | 149  | 55705    | 3.785 | ng/ul  | 97       |
| 77) Fluoranthene               | 19.76 | 202  | 84030    | 4.230 | ng/ul# | 94       |
| 80) Pvrene                     | 20.13 | 202  | 94627    | 4.363 | ng/ul# | 94       |
| 81) Butylbenzylphthalate       | 21.00 | 149  | 22741    | 3.529 | ng/ul# | 85       |
| 82) 3,3'-Dichlorobenzidine     | 21.94 | 252  | 25995    | 3.401 | ng/ul# | 97       |
| 83) Benzo(a)anthracene         | 22.04 | 228  | 89972    | 4.054 | ng/ul  | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.90 | 149  | 33626    | 3.567 | ng/ul# | 93       |
| 85) Chrysene                   | 22.11 | 228  | 83290    | 4.103 | ng/ul  | 99       |
| 87) Di-n-octyl phthalate       | 23.21 | 149  | 55278    | 3.378 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 24.45 | 252  | 86985    | 3.764 | ng/ul  | 97       |
| 89) Benzo(k)fluoranthene       | 24.52 | 252  | 90078    | 3.998 | ng/ul# | 92       |
| 91) Benzo(a)pyrene             | 25.41 | 252  | 88562    | 3.982 | ng/ul# | 97       |
| 92) Indeno(1,2,3-cd)pyrene     | 29.60 | 276  | 47314    | 1.753 | ng/ul  | 98       |
| 93) Dibenzo(a,h)anthracene     | 29.66 | 278  | 46572    | 2.012 | ng/ul# | 92       |
| 94) Benzo(a,h,i)perylene       | 30.87 | 276  | 87254    | 3.900 | ng/ul  | 95       |

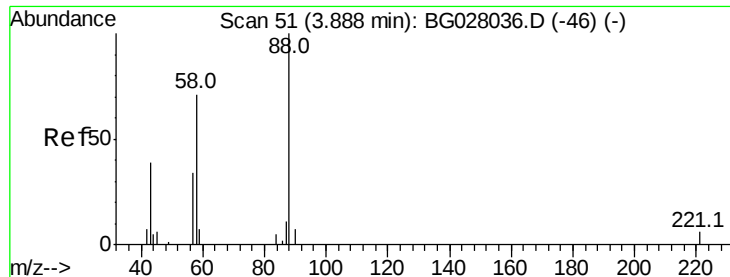
Data Path : Z:\HPCHEM1\BNA G\DATA\BG072717\  
Data File : BG028038.D  
Acq On : 27 Jul 2017 22:27  
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QLast Update : Fri Jul 28 02:09:08 2017  
Response via : Initial Calibration

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





#2

1,4-Dioxane

Concen: 1.550 ng/uL

RT: 3.89 min Scan# 51

Delta R.T. -0.00 min

Lab File: BG028038.D

Acq: 27 Jul 2017 22:27

Instrument :

BNA\_G

ClientSampled :

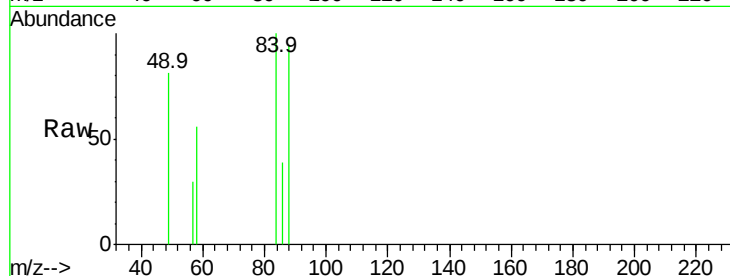
Tot Ion: 88 Resp: 795

Ion Ratio Lower Upper

88 100

43 0.0 29.0 43.4#

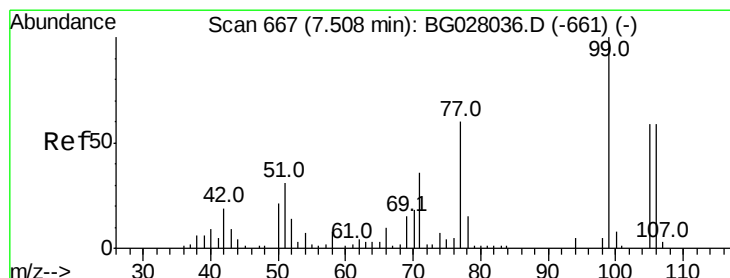
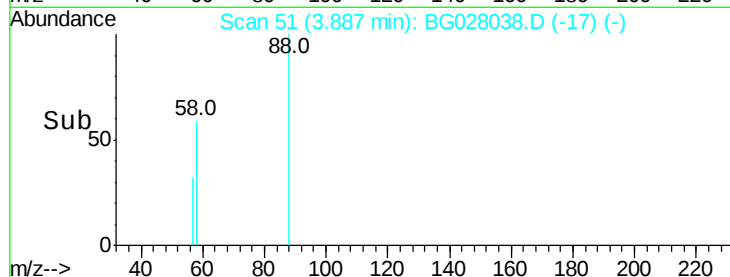
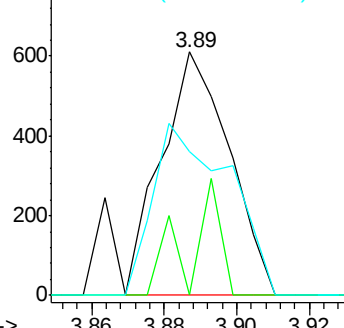
58 59.2 45.9 68.9



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: 0.500 ng/uL

RT: 7.51 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG028038.D

Acq: 27 Jul 2017 22:27

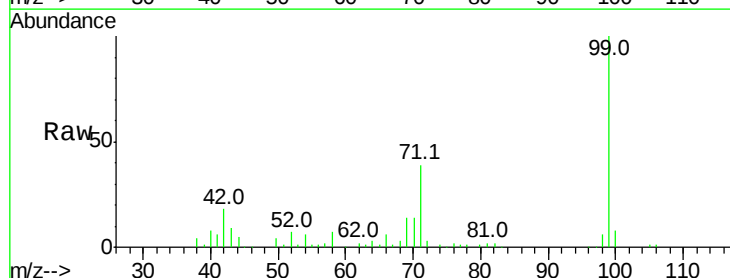
Tgt Ion: 77 Resp: 579

Ion Ratio Lower Upper

77 100

105 48.1 71.0 106.6#

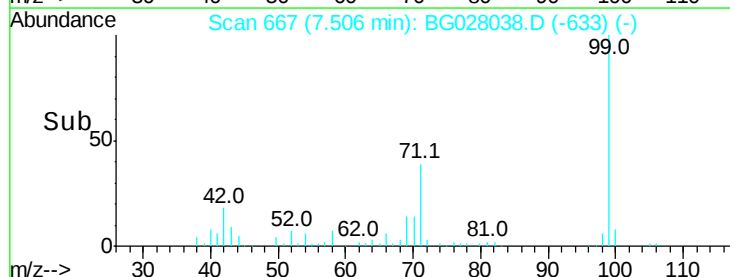
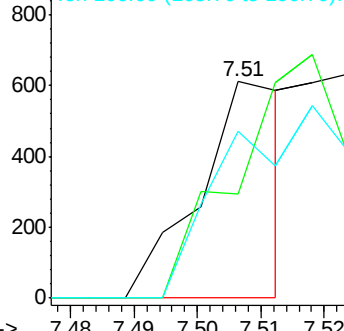
106 77.1 69.5 104.3

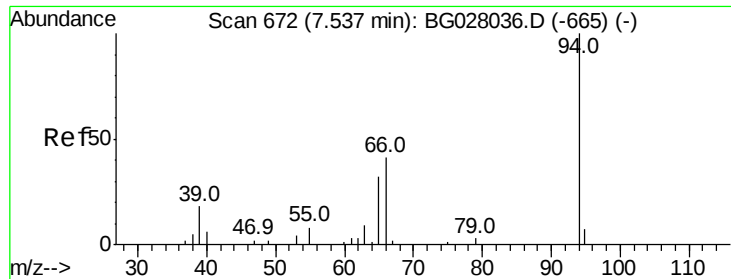


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#6

Phenol

Concen: 3.678 ng/ul

RT: 7.54 min Scan# 672

Delta R.T. -0.00 min

Lab File: BG028038.D

Acq: 27 Jul 2017 22:27

Instrument :

BNA\_G

ClientSampleId :

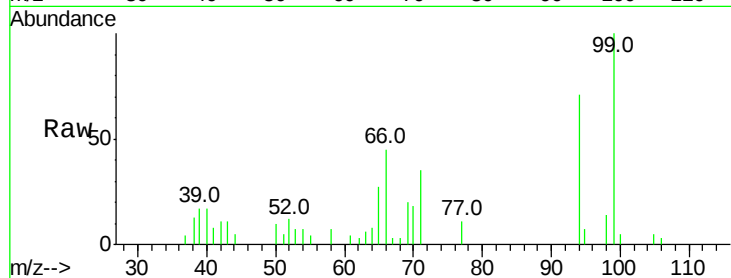
Tot Ion: 94 Resp: 8352

Ion Ratio Lower Upper

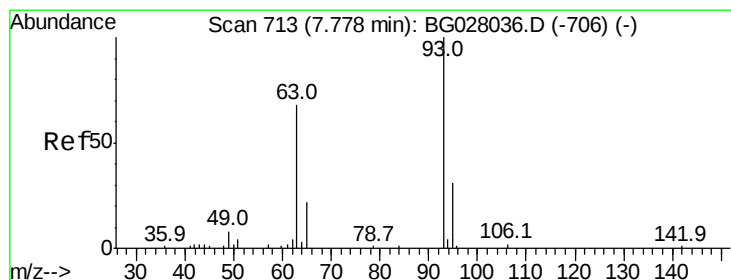
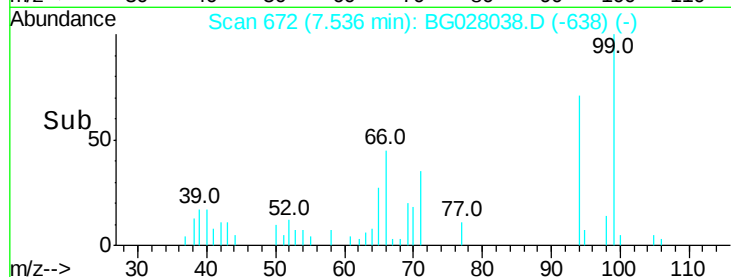
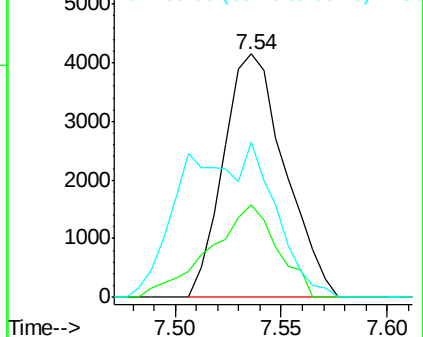
94 100

65 38.0 23.0 34.6#

66 63.5 30.4 45.6#



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: 3.842 ng/ul

RT: 7.78 min Scan# 713

Delta R.T. -0.00 min

Lab File: BG028038.D

Acq: 27 Jul 2017 22:27

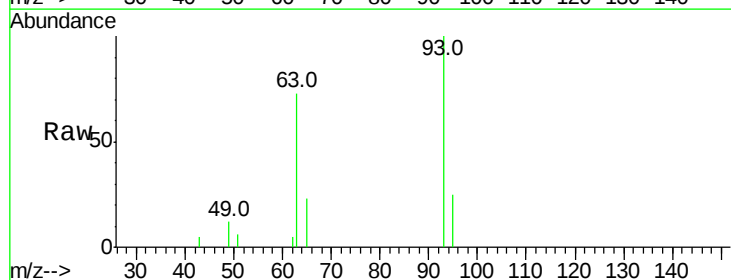
Tgt Ion: 93 Resp: 6175

Ion Ratio Lower Upper

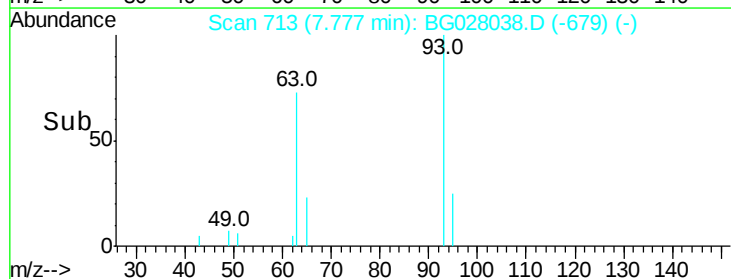
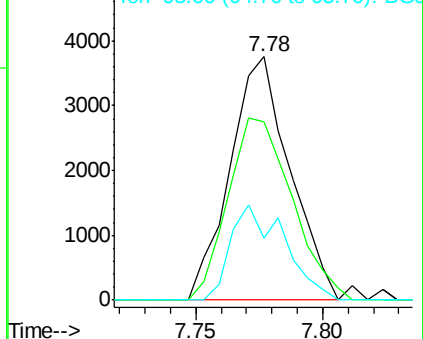
93 100

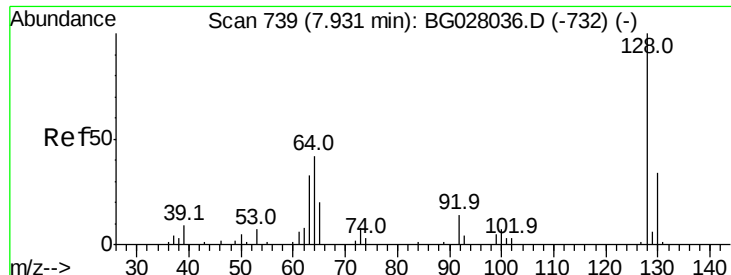
63 73.2 59.4 89.2

95 25.4 26.4 39.6#



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

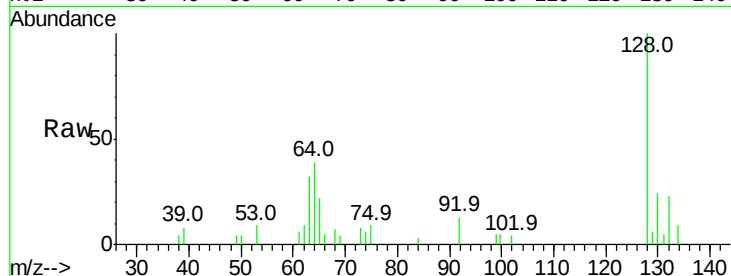




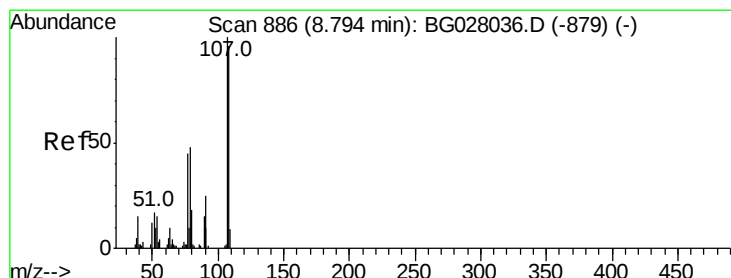
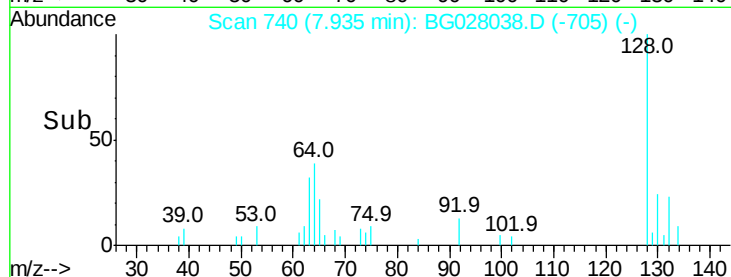
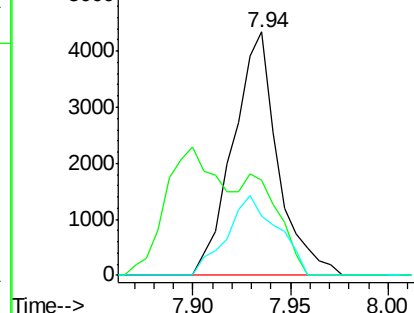
#10  
2-Chlorophenol  
Concen: 3.794 ng/ul  
RT: 7.94 min Scan# 740  
Delta R.T. 0.00 min  
Lab File: BG028038.D  
Acq: 27 Jul 2017 22:27

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:128 Resp: 6898  
Ion Ratio Lower Upper  
128 100  
64 38.8 39.8 59.6#  
130 24.4 25.8 38.8#

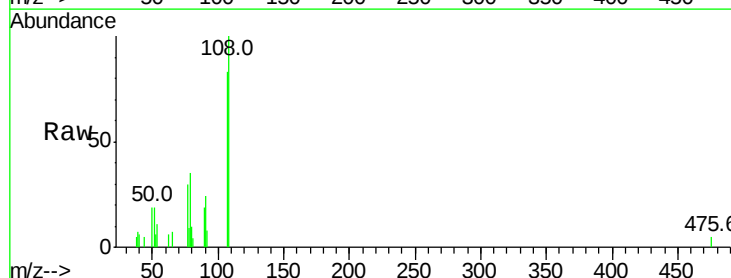


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 64.00 (63.70 to 64.70): BG  
Ion 130.00 (129.70 to 130.70): E

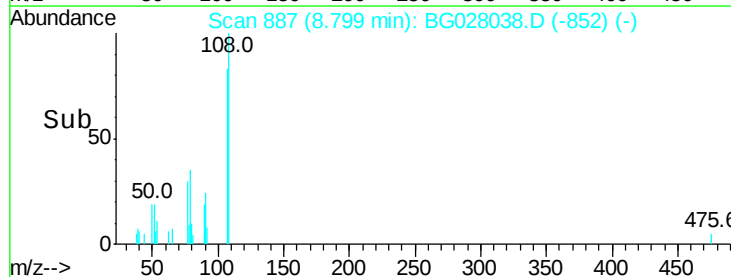
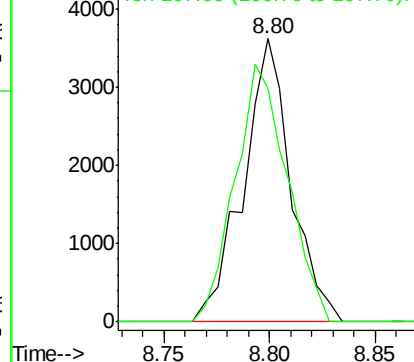


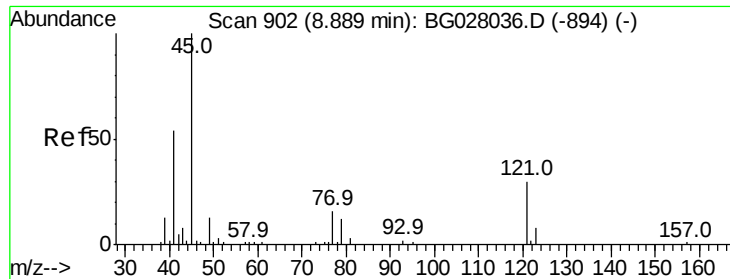
#11  
2-Methylphenol  
Concen: 3.211 ng/ul  
RT: 8.80 min Scan# 887  
Delta R.T. 0.00 min  
Lab File: BG028038.D  
Acq: 27 Jul 2017 22:27

Tgt Ion:108 Resp: 5685  
Ion Ratio Lower Upper  
108 100  
107 82.7 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E  
Ion 107.00 (106.70 to 107.70): E

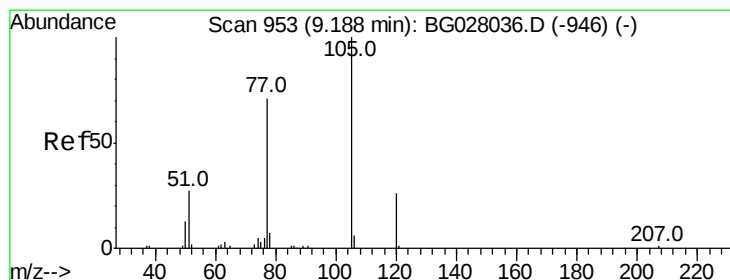
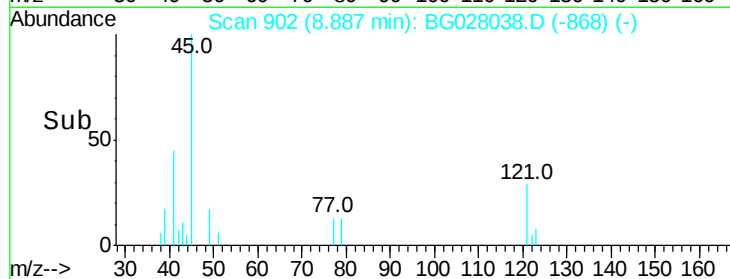
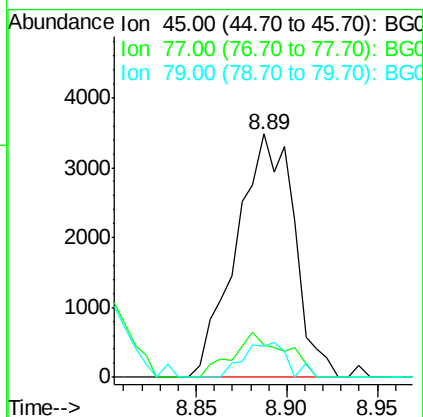
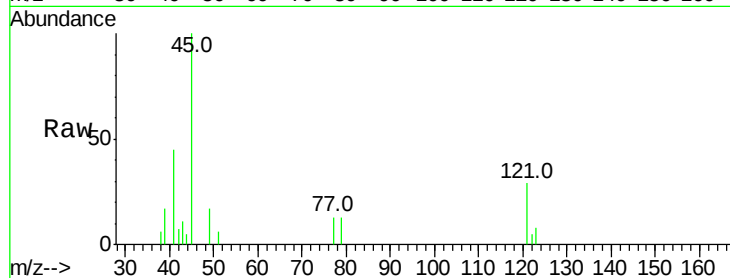




#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 3.688 ng/ul  
RT: 8.89 min Scan# 902  
Delta R.T. -0.00 min  
Lab File: BG028038.D  
Acq: 27 Jul 2017 22:27

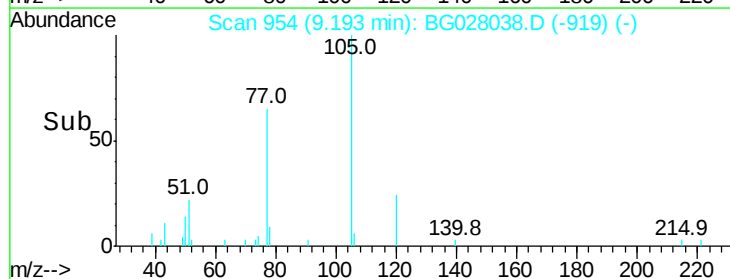
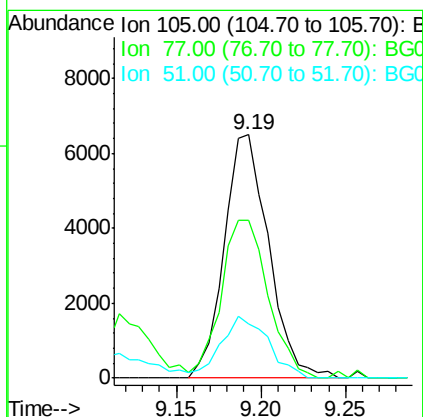
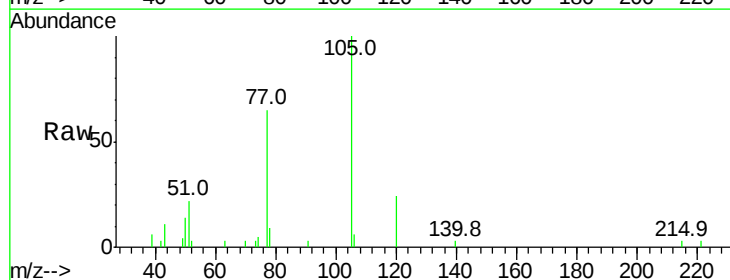
Instrument :  
BNA\_G  
ClientSampleId :

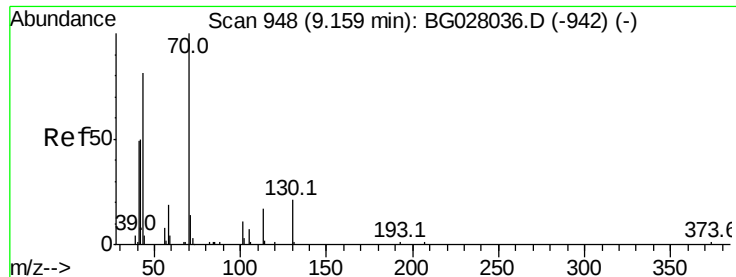
Tot Ion: 45 Resp: 7781  
Ion Ratio Lower Upper  
45 100  
77 13.5 12.5 18.7  
79 12.5 9.4 14.2



#14  
Acetophenone  
Concen: 3.923 ng/ul  
RT: 9.19 min Scan# 954  
Delta R.T. 0.00 min  
Lab File: BG028038.D  
Acq: 27 Jul 2017 22:27

Tgt Ion:105 Resp: 11911  
Ion Ratio Lower Upper  
105 100  
77 64.9 63.2 94.8  
51 22.5 19.8 29.8





#15

N-Nitroso-di-n-propylamine

Concen: 4.164 ng/ul

RT: 9.16 min Scan# 949

Delta R.T. 0.00 min

Lab File: BG028038.D

Acq: 27 Jul 2017 22:27

Instrument :

BNA\_G

ClientSampled :

Tot Ion: 70 Resp: 5936

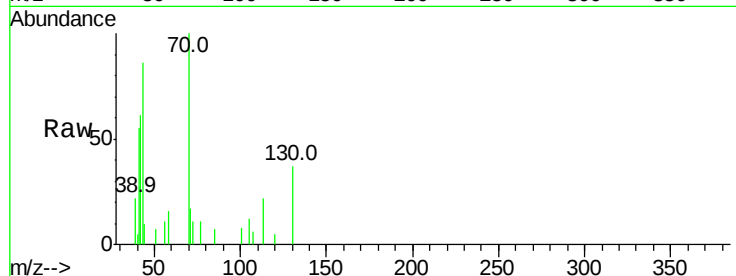
Ion Ratio Lower Upper

70 100

42 61.2 40.2 60.4#

101 7.7 7.7 11.5

130 36.9 17.8 26.6#

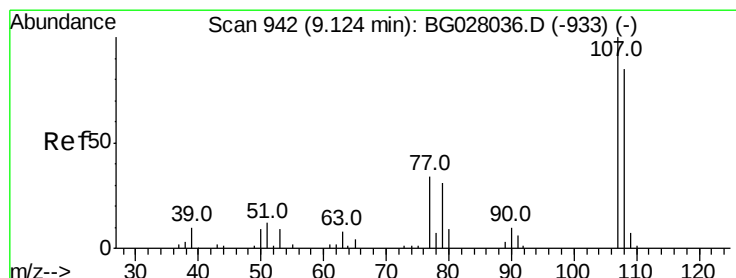
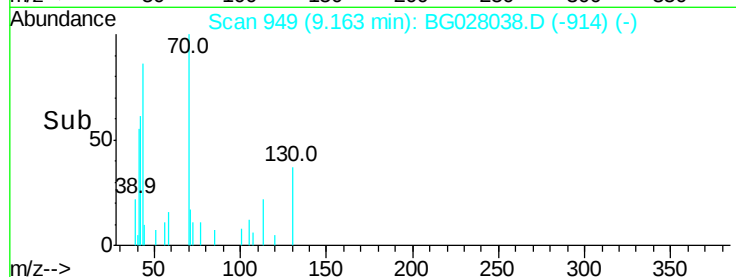
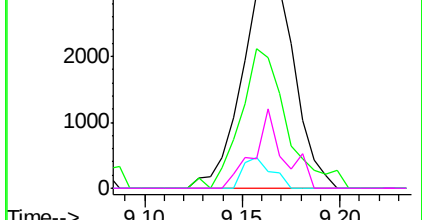


Abundance Ion 70.00 (69.70 to 70.70): BG028038.D (-942) (-)

Ion 42.00 (41.70 to 42.70): BG028038.D (-942) (-)

Ion 101.00 (100.70 to 101.70): BG028038.D (-942) (-)

Ion 130.00 (129.70 to 130.70): BG028038.D (-942) (-)



#16

4-Methylphenol

Concen: 2.197 ng/ul

RT: 9.12 min Scan# 941

Delta R.T. -0.01 min

Lab File: BG028038.D

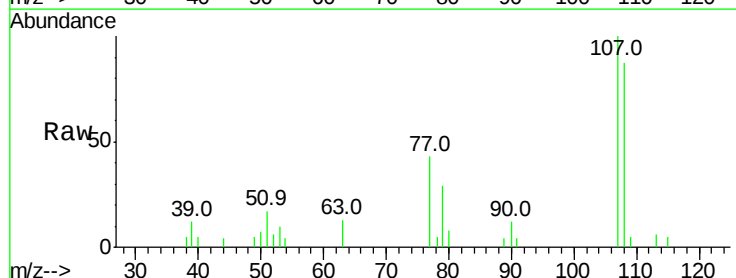
Acq: 27 Jul 2017 22:27

Tgt Ion: 108 Resp: 4315

Ion Ratio Lower Upper

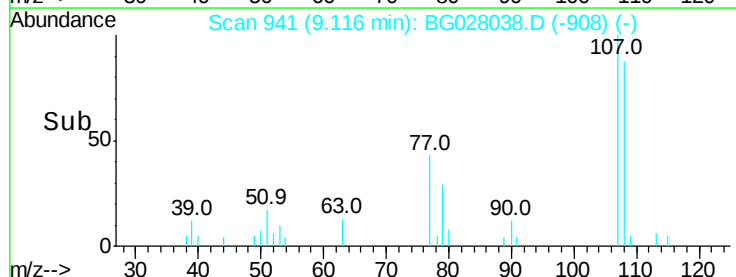
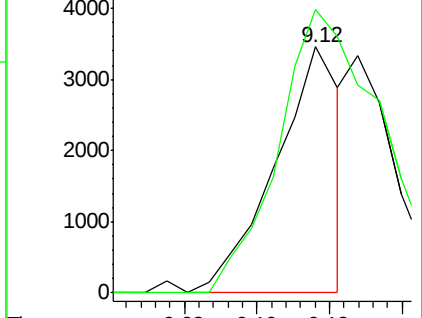
108 100

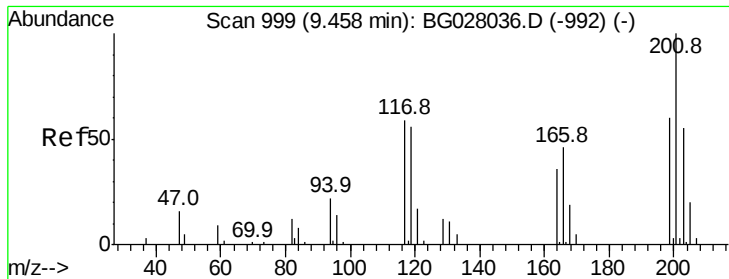
107 115.0 93.6 140.4



Abundance Ion 108.00 (107.70 to 108.70): BG028038.D (-933) (-)

Ion 107.00 (106.70 to 107.70): BG028038.D (-933) (-)

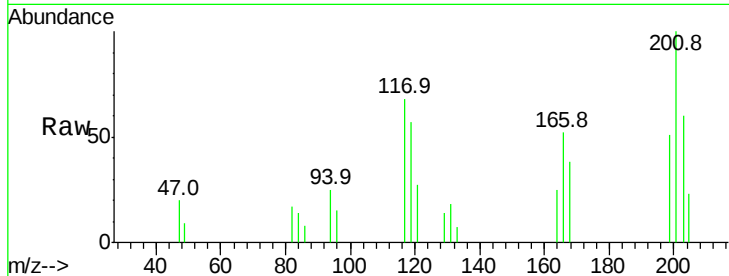




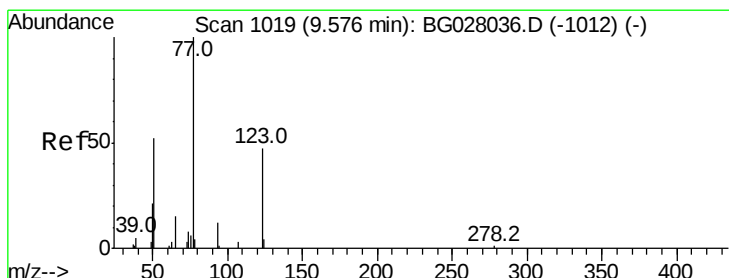
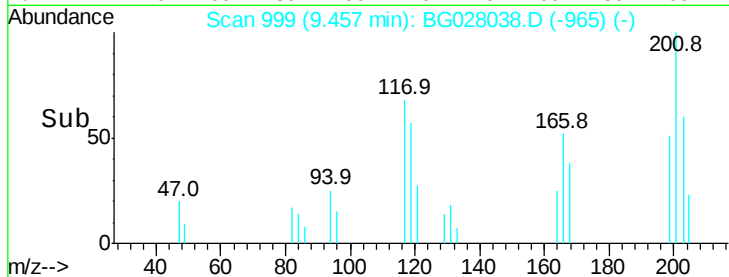
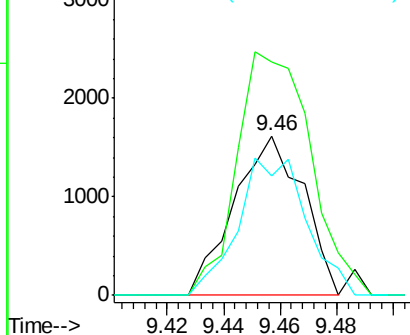
#17  
Hexachloroethane  
Concen: 3.762 ng/ul  
RT: 9.46 min Scan# 999  
Delta R.T. -0.00 min  
Lab File: BG028038.D  
Acq: 27 Jul 2017 22:27

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:117 Resp: 2736  
Ion Ratio Lower Upper  
117 100  
201 146.8 96.1 144.1#  
199 74.8 59.7 89.5

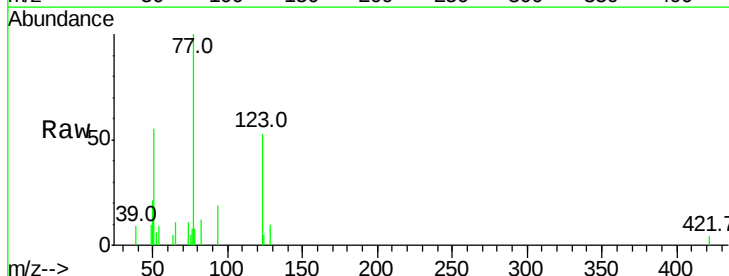


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 201.00 (200.70 to 201.70): E  
Ion 199.00 (198.70 to 199.70): E

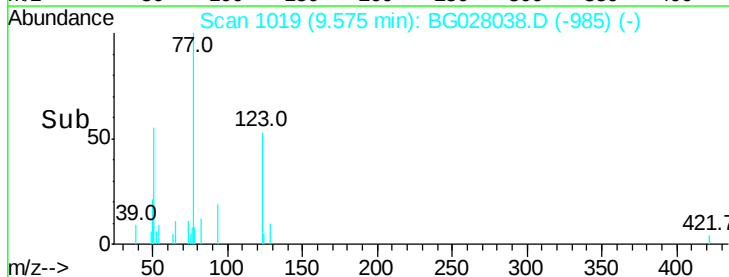
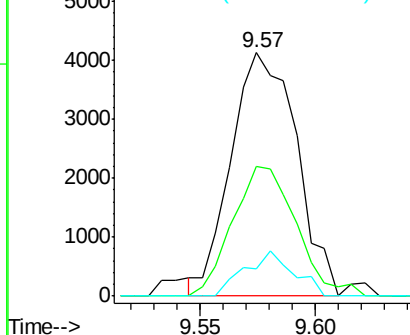


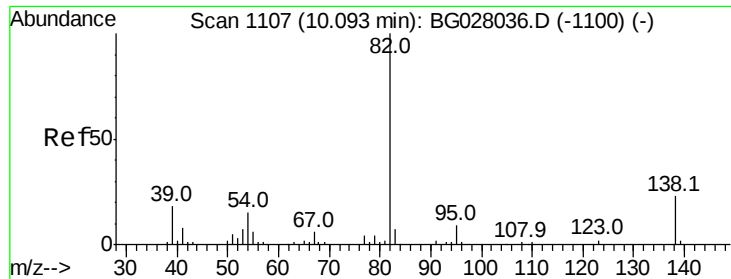
#20  
Nitrobenzene  
Concen: 3.949 ng/ul  
RT: 9.57 min Scan# 1019  
Delta R.T. -0.00 min  
Lab File: BG028038.D  
Acq: 27 Jul 2017 22:27

Tgt Ion: 77 Resp: 8134  
Ion Ratio Lower Upper  
77 100  
123 53.1 31.8 47.8#  
65 11.3 10.6 16.0



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: 4.086 ng/ul

RT: 10.09 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BG028038.D

Acq: 27 Jul 2017 22:27

Instrument :

BNA\_G

ClientSampled :

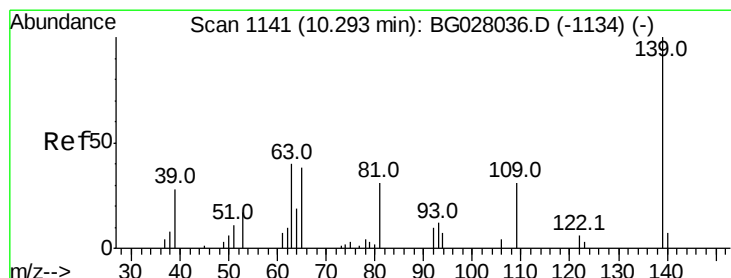
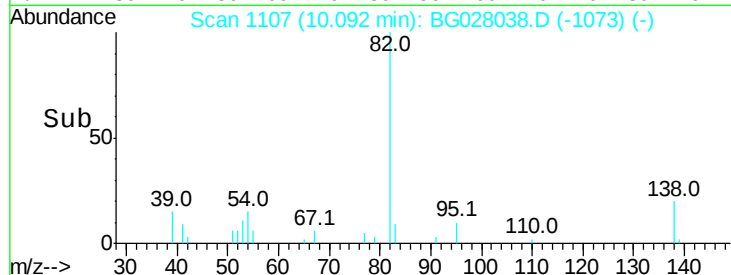
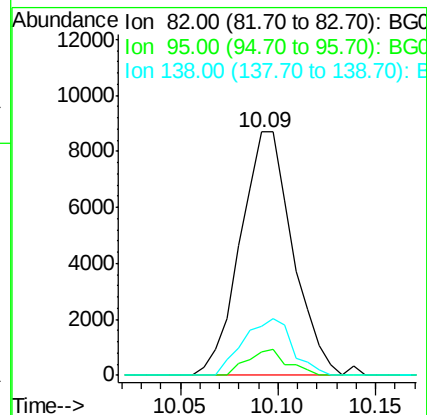
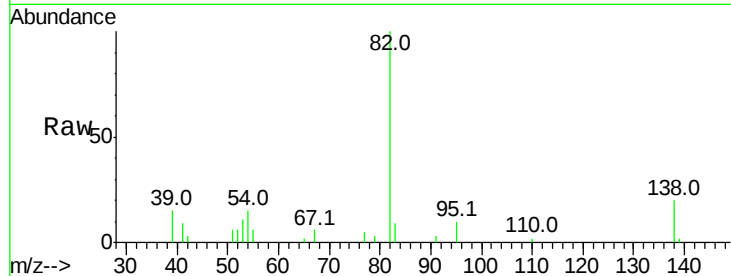
Tot Ion: 82 Resp: 16085

Ion Ratio Lower Upper

82 100

95 9.7 6.1 9.1#

138 20.4 13.5 20.3#



#23

2-Nitrophenol

Concen: 3.908 ng/ul

RT: 10.30 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BG028038.D

Acq: 27 Jul 2017 22:27

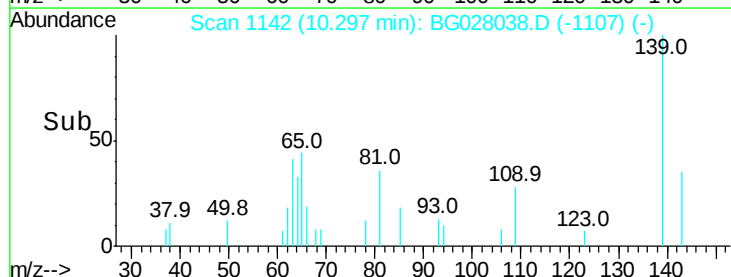
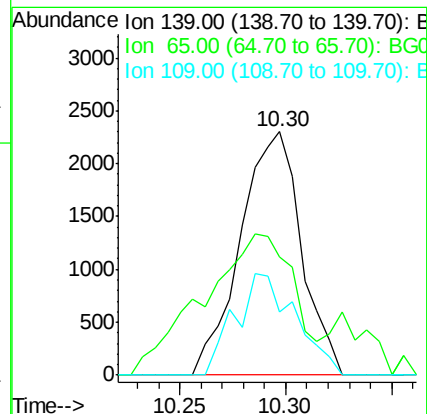
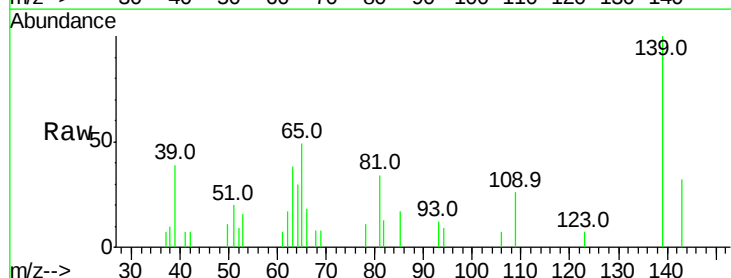
Tgt Ion:139 Resp: 4600

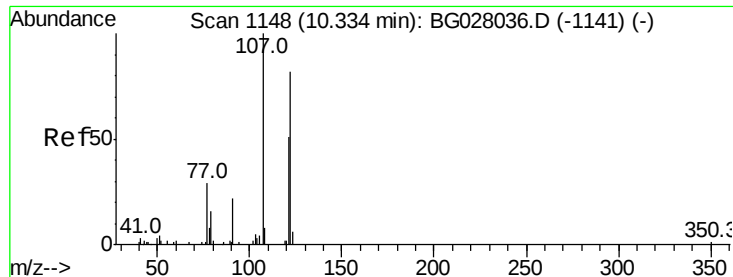
Ion Ratio Lower Upper

139 100

65 48.6 45.3 67.9

109 26.0 27.7 41.5#

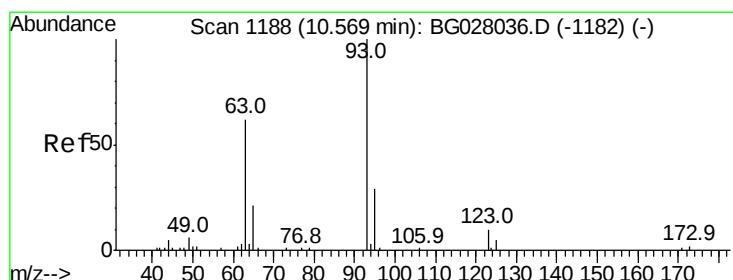
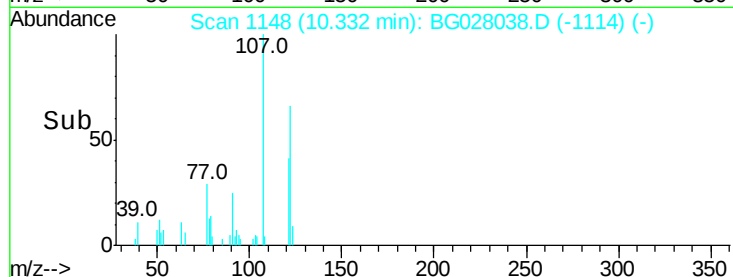
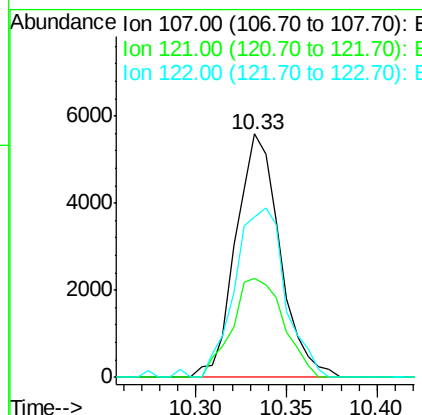
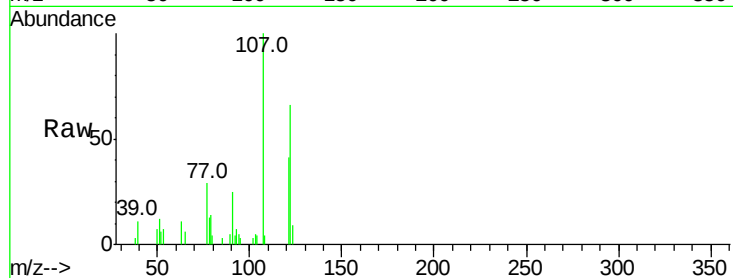




#24  
2,4-Dimethylphenol  
Concen: 4.017 ng/ul  
RT: 10.33 min Scan# 1148  
Delta R.T. -0.00 min  
Lab File: BG028038.D  
Acq: 27 Jul 2017 22:27

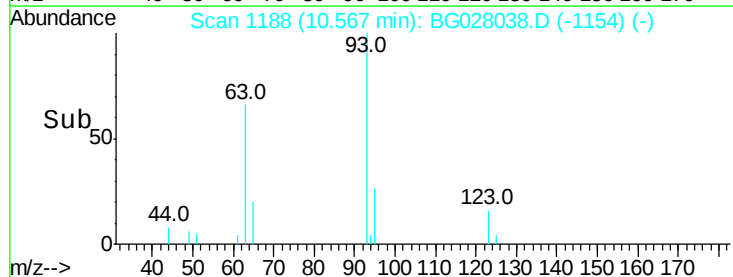
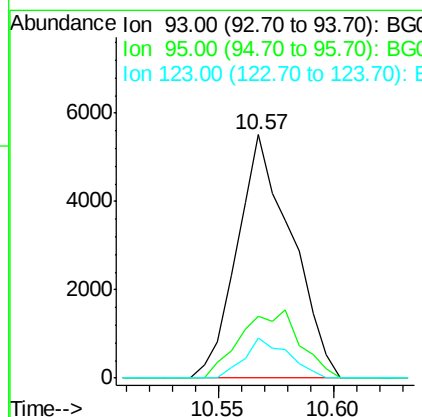
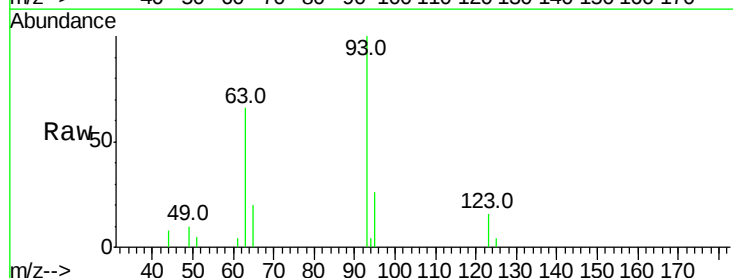
Instrument :  
BNA\_G  
ClientSampleId :

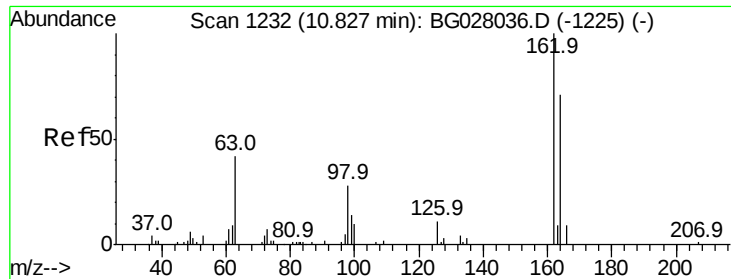
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 121     | 40.9  | 38.1  | 57.1  |
| 122     | 66.0  | 63.8  | 95.8  |



#25  
Bis(2-Chloroethoxy)methane  
Concen: 3.944 ng/ul  
RT: 10.57 min Scan# 1188  
Delta R.T. -0.00 min  
Lab File: BG028038.D  
Acq: 27 Jul 2017 22:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 25.6  | 24.7  | 37.1  |
| 123     | 16.2  | 8.2   | 12.2# |

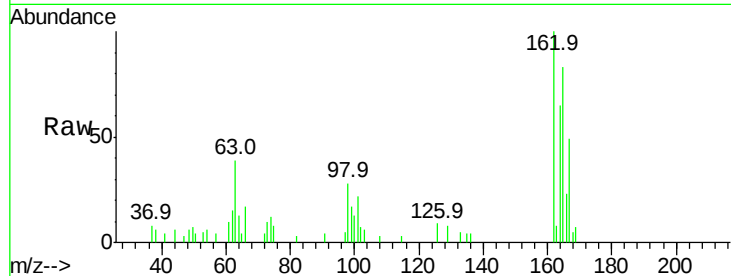




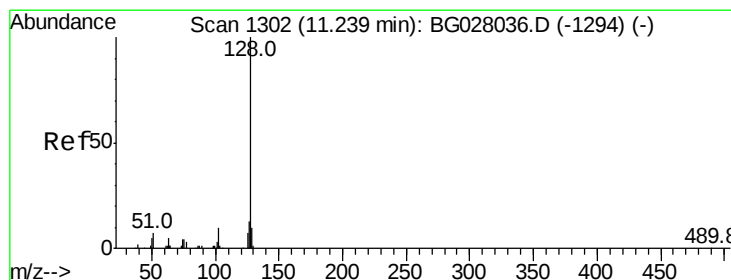
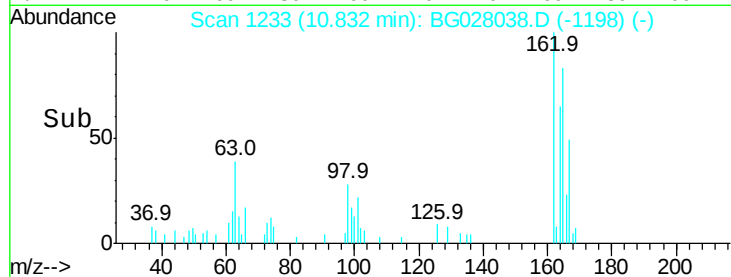
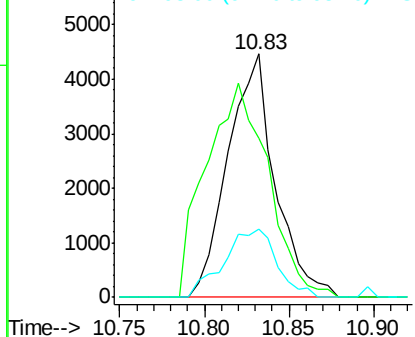
#27  
 2,4-Dichlorophenol  
 Concen: 3.790 ng/ul  
 RT: 10.83 min Scan# 1233  
 Delta R.T. 0.00 min  
 Lab File: BG028038.D  
 Acq: 27 Jul 2017 22:27

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:162 Resp: 8683  
 Ion Ratio Lower Upper  
 162 100  
 164 65.2 52.0 78.0  
 98 28.0 26.6 39.8

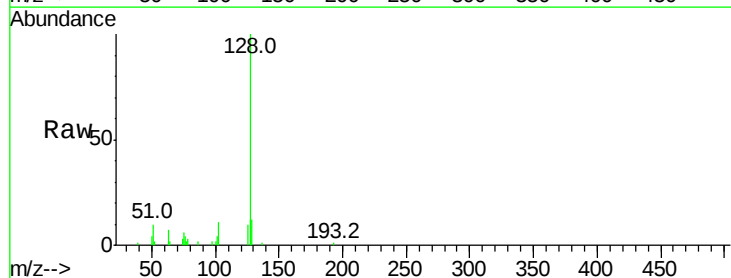


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): B

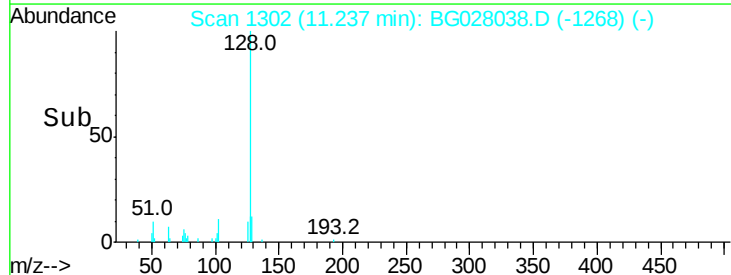
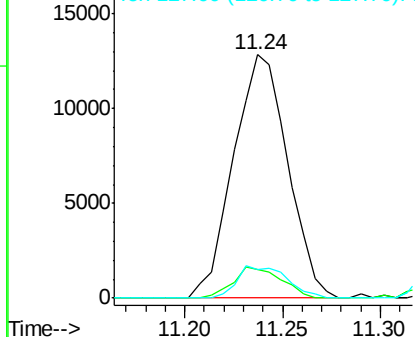


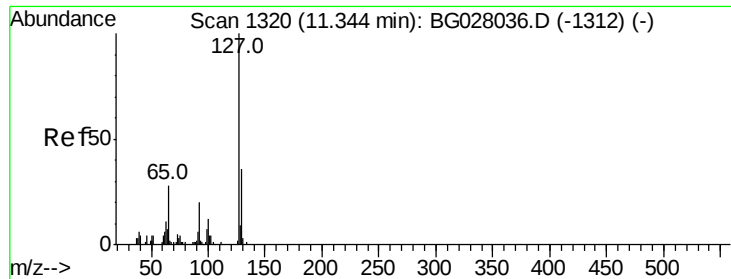
#28  
 Naphthalene  
 Concen: 3.993 ng/ul  
 RT: 11.24 min Scan# 1302  
 Delta R.T. -0.00 min  
 Lab File: BG028038.D  
 Acq: 27 Jul 2017 22:27

Tgt Ion:128 Resp: 24733  
 Ion Ratio Lower Upper  
 128 100  
 129 11.7 8.3 12.5  
 127 11.9 10.8 16.2



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

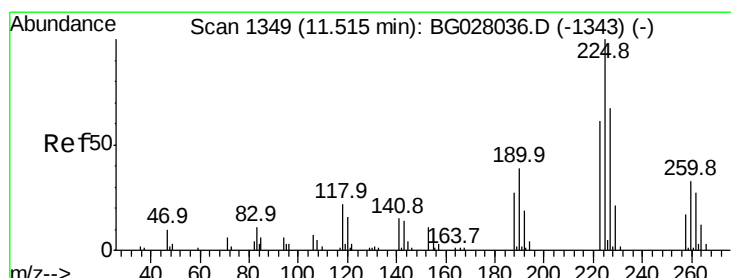
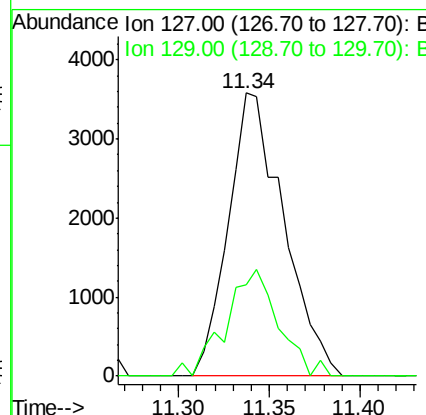
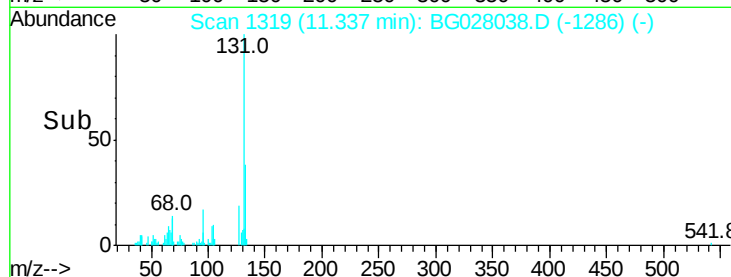
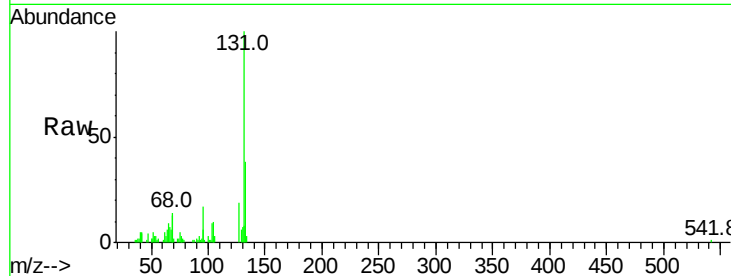




#30  
4-Chloroaniline  
Concen: 3.300 ng/ul  
RT: 11.34 min Scan# 1319  
Delta R.T. -0.01 min  
Lab File: BG028038.D  
Acq: 27 Jul 2017 22:27

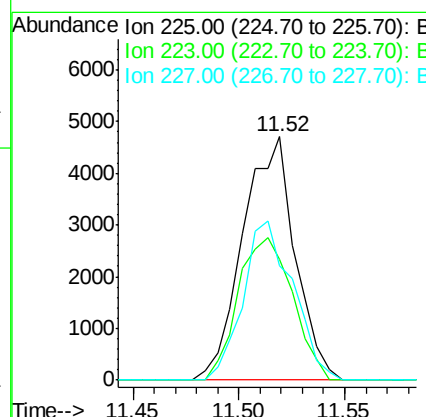
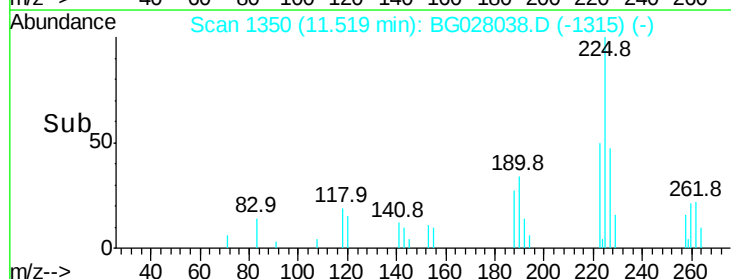
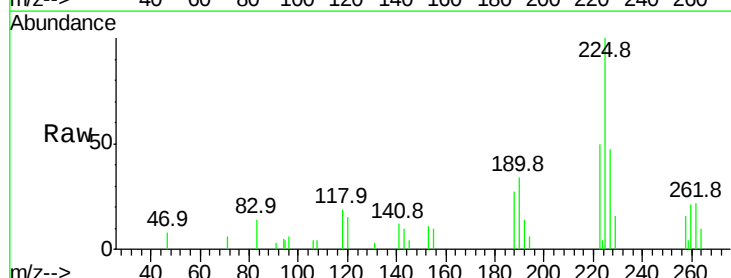
Instrument :  
BNA\_G  
ClientSampleId :

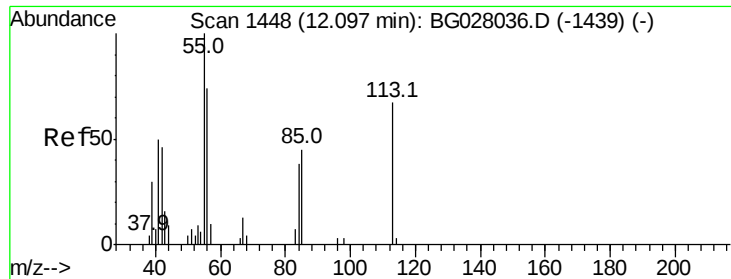
Tot Ion:127 Resp: 7617  
Ion Ratio Lower Upper  
127 100  
129 32.3 24.6 37.0



#31  
Hexachlorobutadiene  
Concen: 4.068 ng/ul  
RT: 11.52 min Scan# 1350  
Delta R.T. 0.00 min  
Lab File: BG028038.D  
Acq: 27 Jul 2017 22:27

Tgt Ion:225 Resp: 8064  
Ion Ratio Lower Upper  
225 100  
223 53.3 48.1 72.1  
227 46.9 52.1 78.1#





#32

Caprolactam

Concen: 1.504 ng/ul

RT: 12.13 min Scan# 1454

Delta R.T. 0.03 min

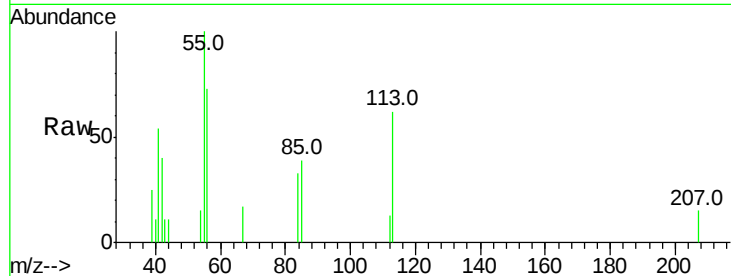
Lab File: BG028038.D

Acq: 27 Jul 2017 22:27

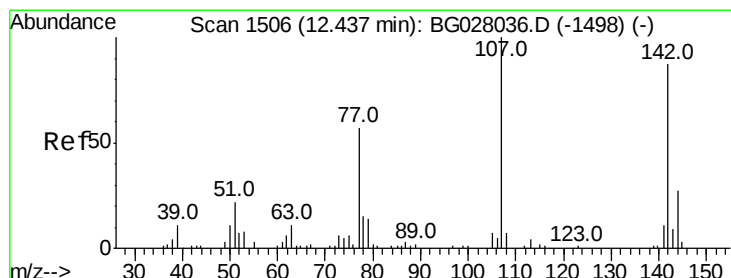
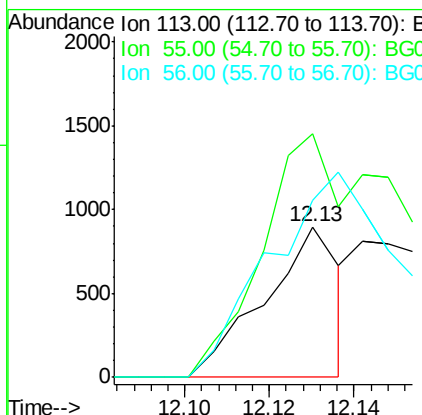
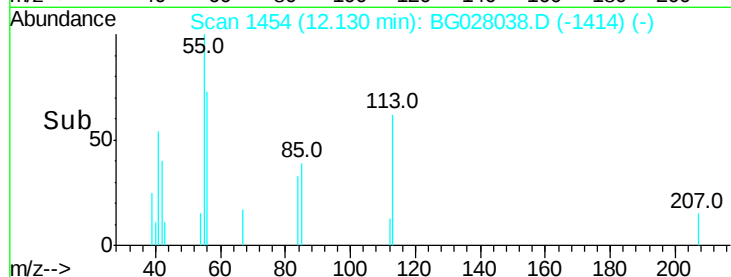
Instrument :

BNA\_G

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 113   | Resp: | 1106  |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 55       | 161.5 | 131.7 | 197.5 |
| 56       | 117.5 | 92.7  | 139.1 |



#33

4-Chloro-3-methylphenol

Concen: 3.457 ng/ul

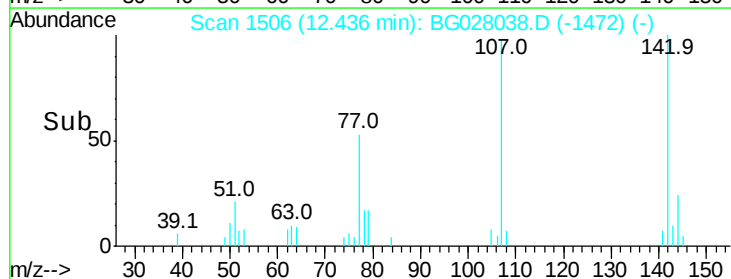
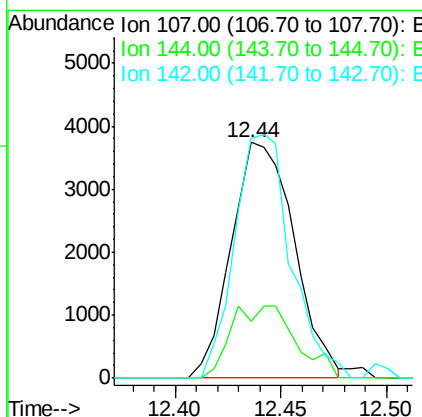
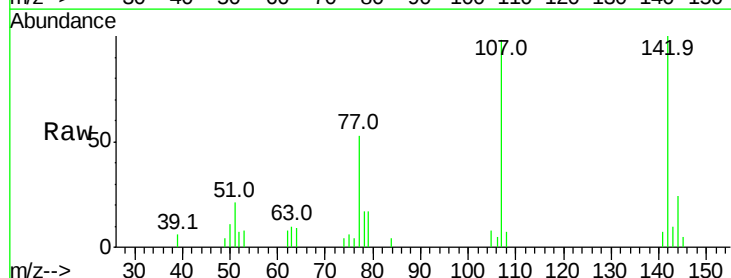
RT: 12.44 min Scan# 1506

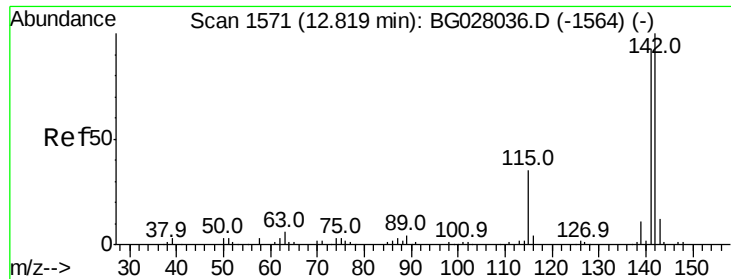
Delta R.T. -0.00 min

Lab File: BG028038.D

Acq: 27 Jul 2017 22:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 7718  |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 144      | 23.9  | 21.1  | 31.7  |
| 142      | 101.7 | 60.1  | 90.1# |

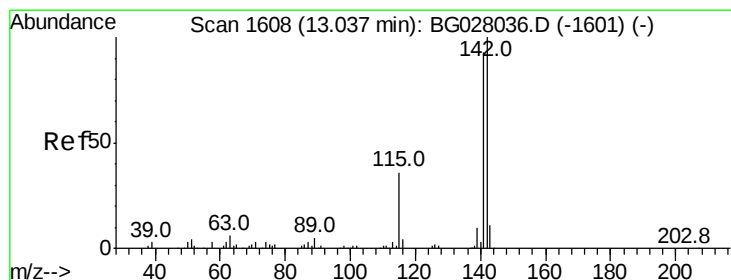
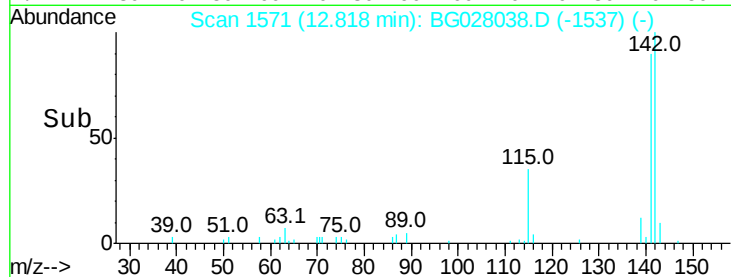
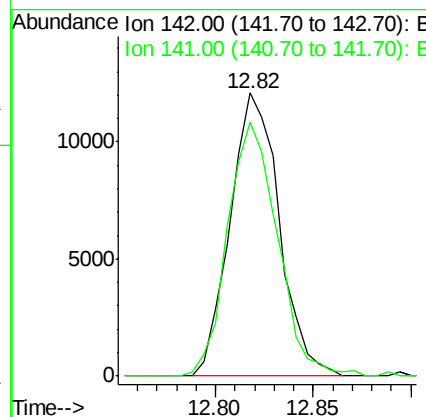
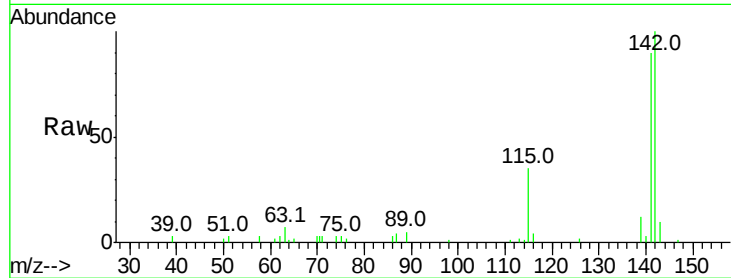




#34  
 2-Methylnaphthalene  
 Concen: 3.936 ng/ul  
 RT: 12.82 min Scan# 1571  
 Delta R.T. -0.00 min  
 Lab File: BG028038.D  
 Acq: 27 Jul 2017 22:27

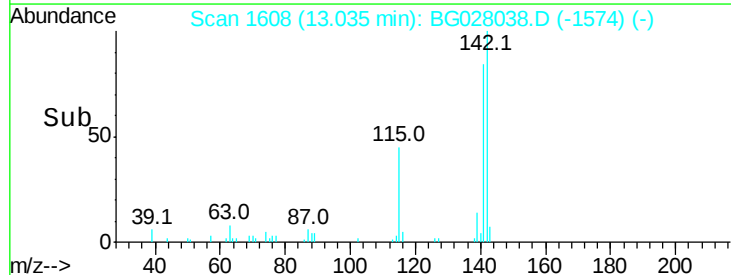
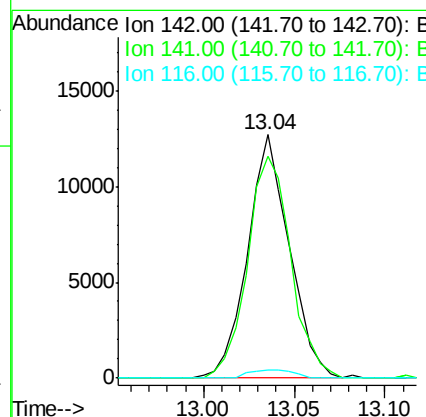
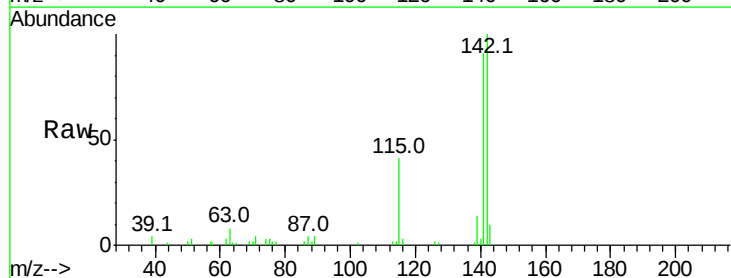
Instrument :  
 BNA\_G  
 ClientSampleId :

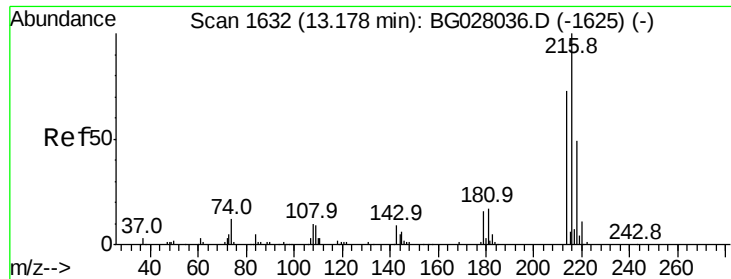
Tot Ion:142 Resp: 21039  
 Ion Ratio Lower Upper  
 142 100  
 141 89.6 71.4 107.2



#35  
 1-Methylnaphthalene  
 Concen: 3.932 ng/ul  
 RT: 13.04 min Scan# 1608  
 Delta R.T. -0.00 min  
 Lab File: BG028038.D  
 Acq: 27 Jul 2017 22:27

Tgt Ion:142 Resp: 20380  
 Ion Ratio Lower Upper  
 142 100  
 141 91.0 76.6 115.0  
 116 3.4 3.6 5.4#

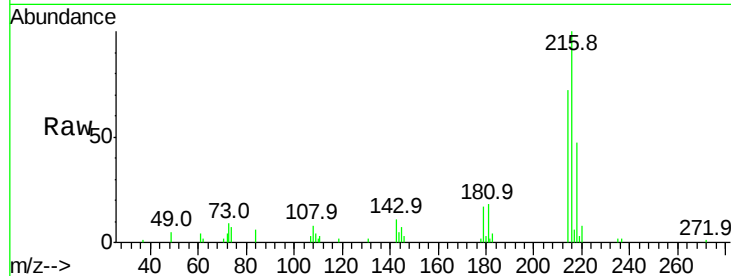




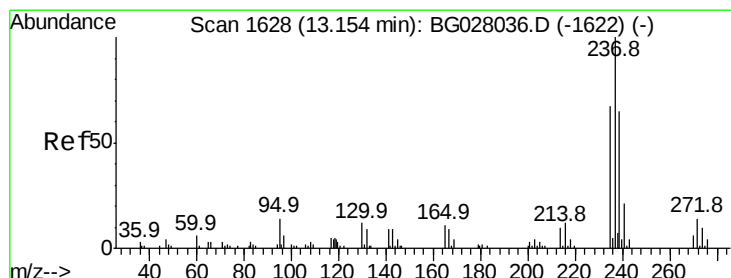
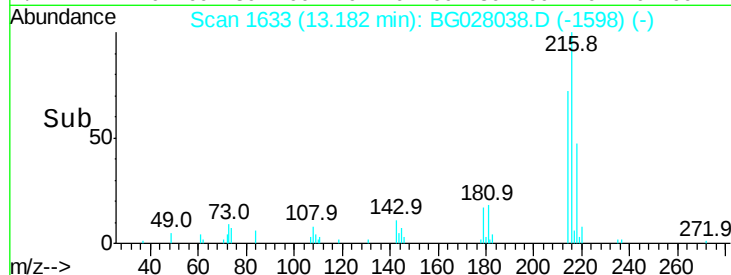
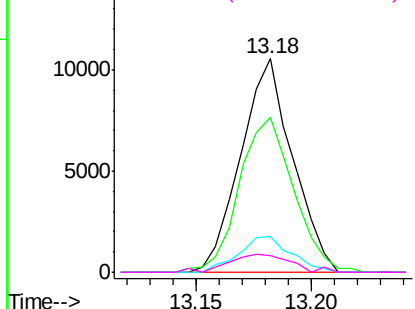
#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 4.068 ng/ul  
 RT: 13.18 min Scan# 1633  
 Delta R.T. 0.00 min  
 Lab File: BG028038.D  
 Acq: 27 Jul 2017 22:27

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:216 Resp: 16515  
 Ion Ratio Lower Upper  
 216 100  
 214 68.2 64.1 96.1  
 179 15.9 14.5 21.7  
 108 7.1 10.4 15.6#

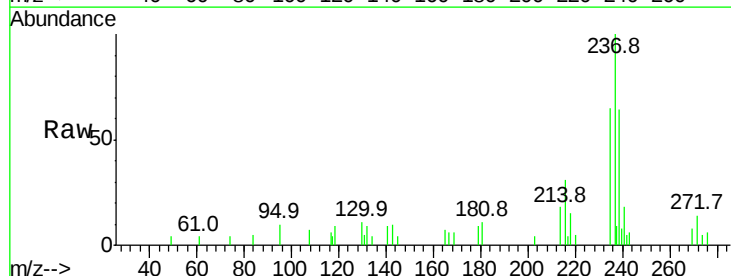


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

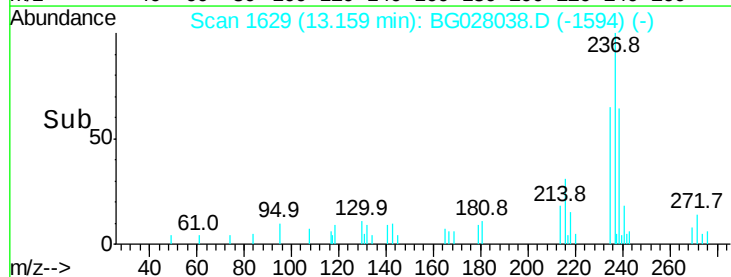
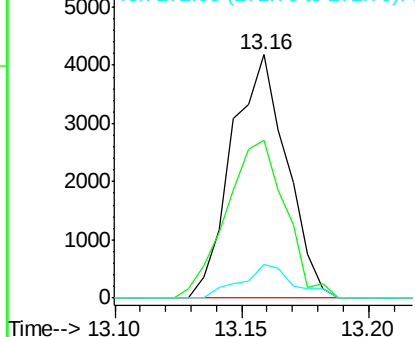


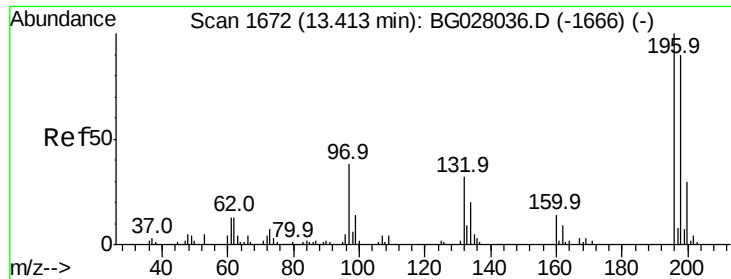
#38  
 Hexachlorocyclopentadiene  
 Concen: 2.653 ng/ul  
 RT: 13.16 min Scan# 1629  
 Delta R.T. 0.00 min  
 Lab File: BG028038.D  
 Acq: 27 Jul 2017 22:27

Tgt Ion:237 Resp: 6315  
 Ion Ratio Lower Upper  
 237 100  
 235 59.2 49.5 74.3  
 272 12.9 8.6 12.8#



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

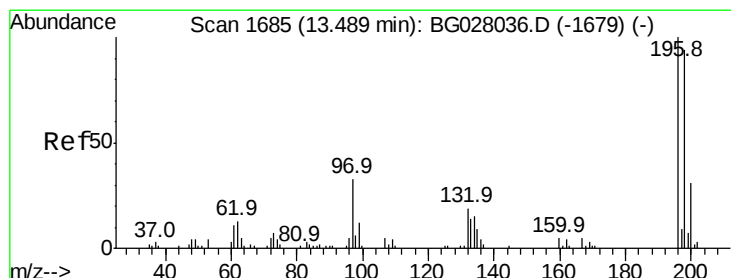
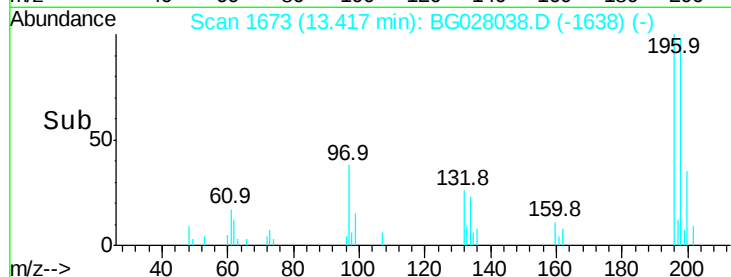
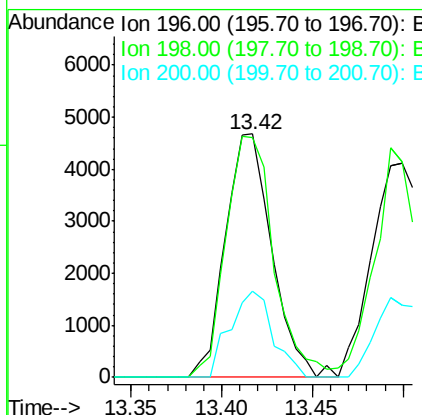
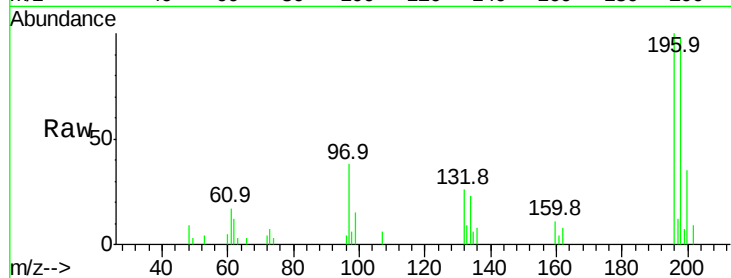




#39  
 2,4,6-Trichlorophenol  
 Concen: 3.447 ng/ul  
 RT: 13.42 min Scan# 1673  
 Delta R.T. 0.00 min  
 Lab File: BG028038.D  
 Acq: 27 Jul 2017 22:27

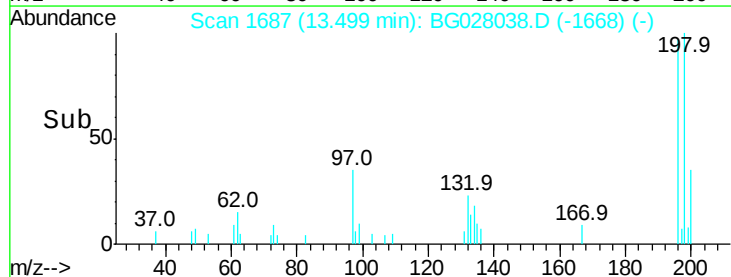
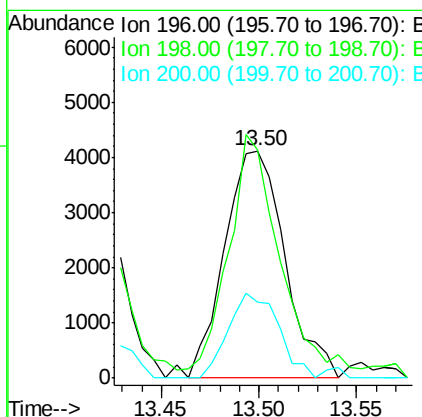
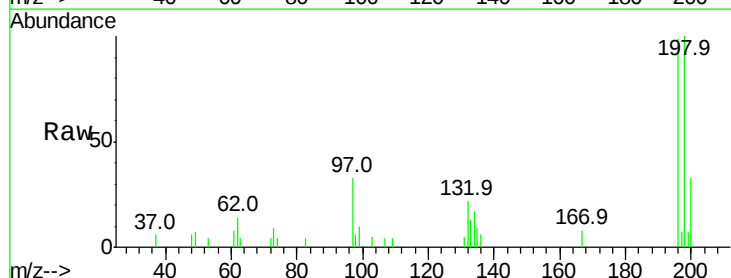
Instrument :  
 BNA\_G  
 ClientSampleId :

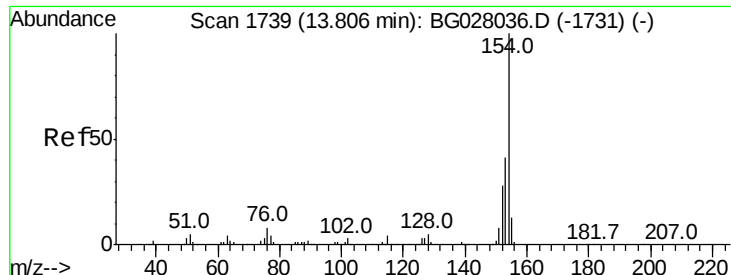
Tot Ion:196 Resp: 8352  
 Ion Ratio Lower Upper  
 196 100  
 198 98.3 75.9 113.9  
 200 35.2 25.8 38.6



#40  
 2,4,5-Trichlorophenol  
 Concen: 3.411 ng/ul  
 RT: 13.50 min Scan# 1687  
 Delta R.T. 0.01 min  
 Lab File: BG028038.D  
 Acq: 27 Jul 2017 22:27

Tgt Ion:196 Resp: 8781  
 Ion Ratio Lower Upper  
 196 100  
 198 100.7 74.7 112.1  
 200 33.5 25.4 38.0

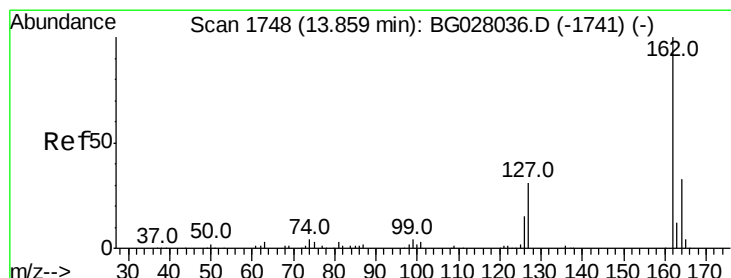
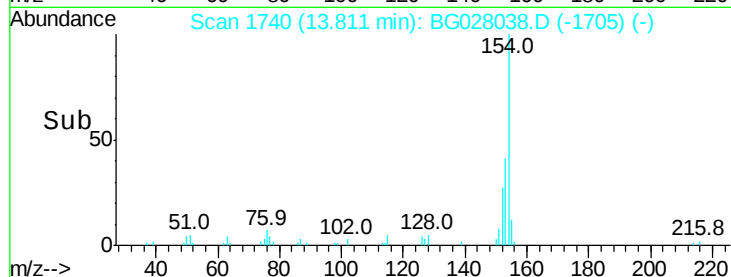
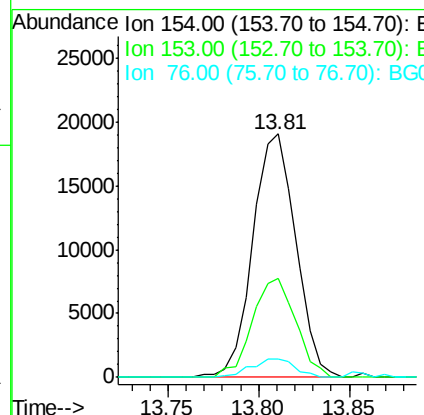
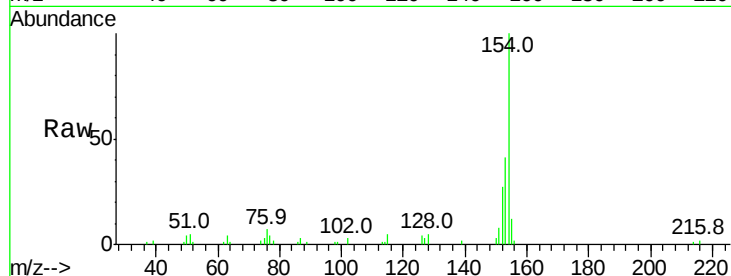




#41  
 1,1'-Biphenyl  
 Concen: 4.104 ng/ul  
 RT: 13.81 min Scan# 1740  
 Delta R.T. 0.00 min  
 Lab File: BG028038.D  
 Acq: 27 Jul 2017 22:27

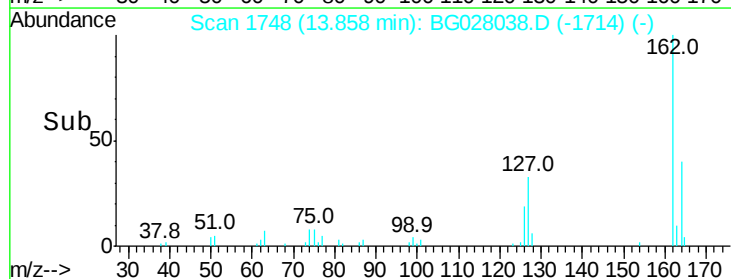
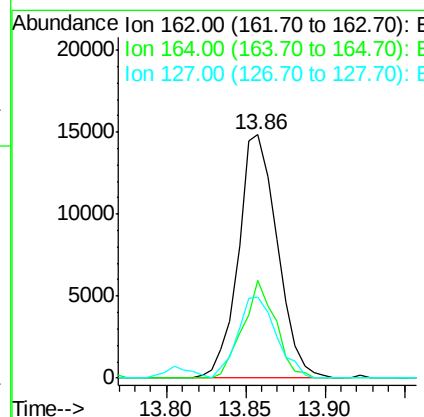
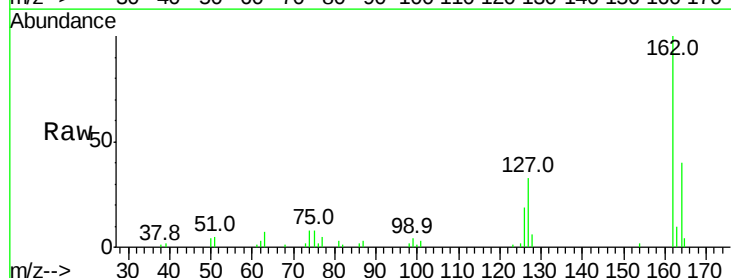
Instrument :  
 BNA\_G  
 ClientSampled :

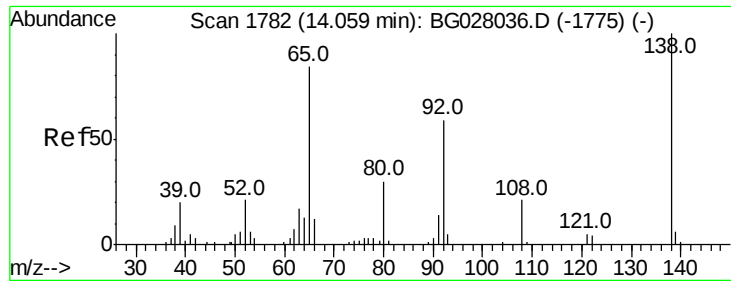
Tot Ion:154 Resp: 31434  
 Ion Ratio Lower Upper  
 154 100  
 153 40.6 34.0 51.0  
 76 7.3 8.4 12.6#



#42  
 2-Chloronaphthalene  
 Concen: 4.103 ng/ul  
 RT: 13.86 min Scan# 1748  
 Delta R.T. -0.00 min  
 Lab File: BG028038.D  
 Acq: 27 Jul 2017 22:27

Tgt Ion:162 Resp: 25348  
 Ion Ratio Lower Upper  
 162 100  
 164 40.2 26.2 39.4#  
 127 33.3 29.5 44.3

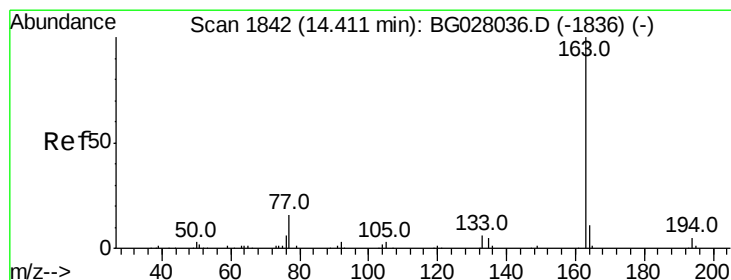
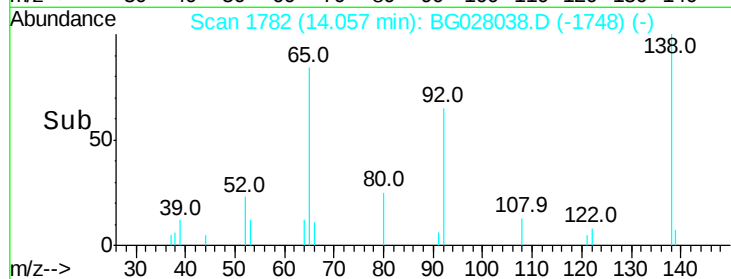
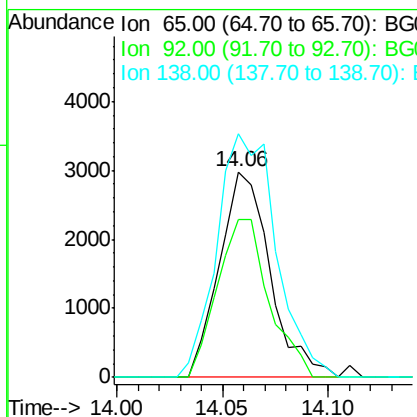
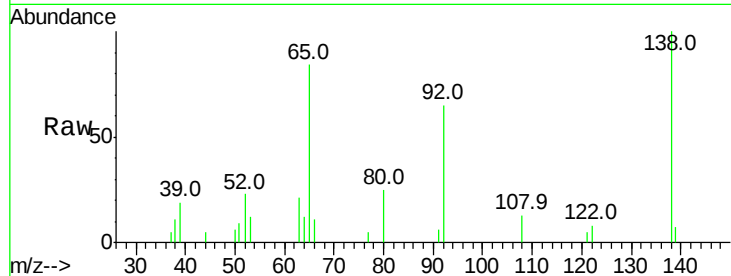




#43  
 2-Nitroaniline  
 Concen: 3.399 ng/ul  
 RT: 14.06 min Scan# 1782  
 Delta R.T. -0.00 min  
 Lab File: BG028038.D  
 Acq: 27 Jul 2017 22:27

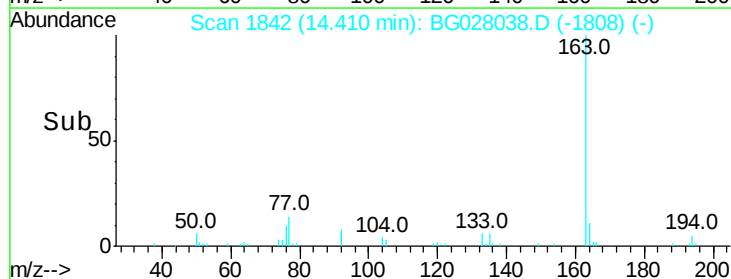
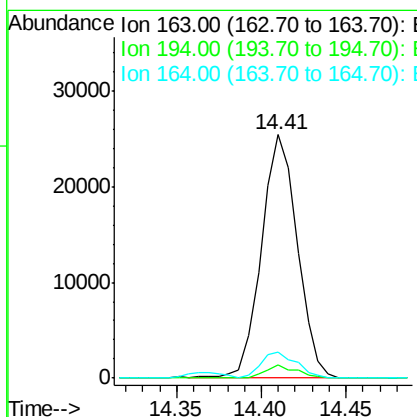
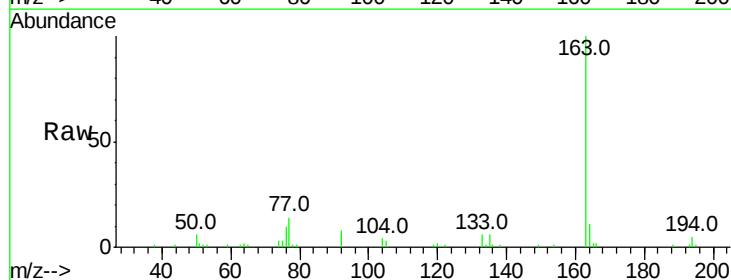
Instrument :  
 BNA\_G  
 ClientSampleId :

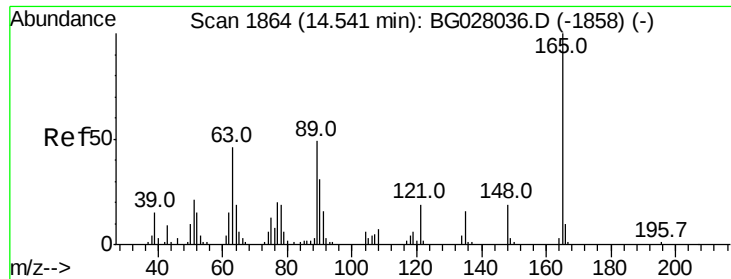
Tot Ion: 65 Resp: 4949  
 Ion Ratio Lower Upper  
 65 100  
 92 76.9 57.0 85.4  
 138 118.4 87.2 130.8



#45  
 Dimethylphthalate  
 Concen: 4.265 ng/ul  
 RT: 14.41 min Scan# 1842  
 Delta R.T. -0.00 min  
 Lab File: BG028038.D  
 Acq: 27 Jul 2017 22:27

Tgt Ion:163 Resp: 37267  
 Ion Ratio Lower Upper  
 163 100  
 194 5.4 4.0 6.0  
 164 10.5 8.4 12.6

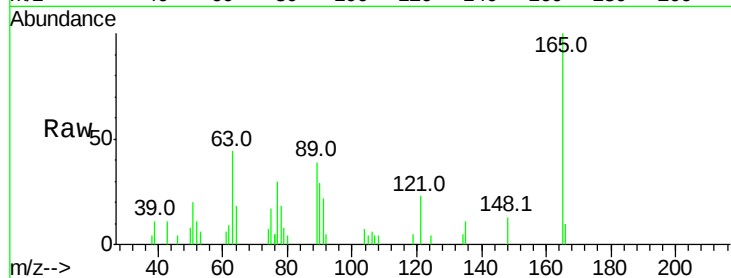




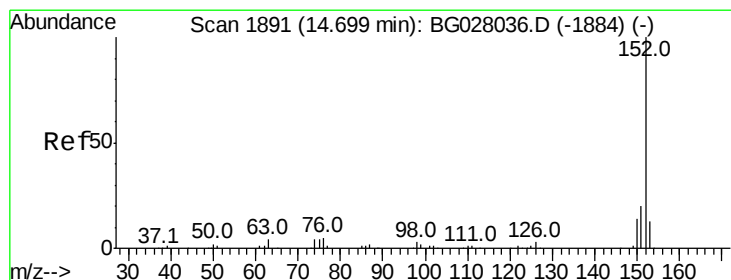
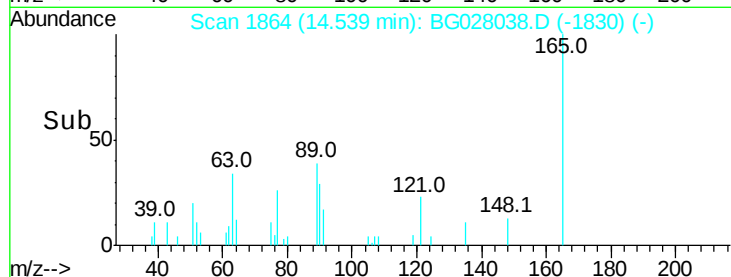
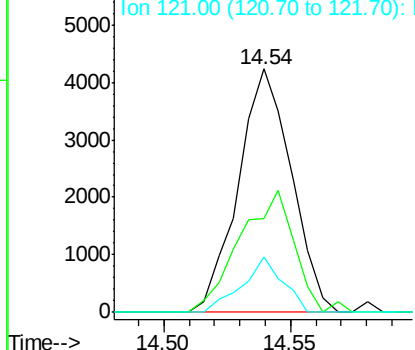
#46  
 2,6-Dinitrotoluene  
 Concen: 3.523 ng/ul  
 RT: 14.54 min Scan# 1864  
 Delta R.T. -0.00 min  
 Lab File: BG028038.D  
 Acq: 27 Jul 2017 22:27

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:165 Resp: 6180  
 Ion Ratio Lower Upper  
 165 100  
 89 38.6 43.8 65.8#  
 121 22.9 17.8 26.6

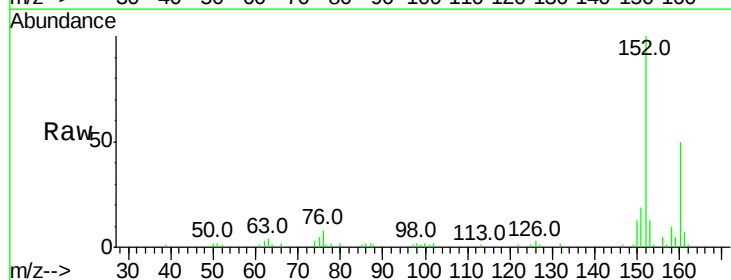


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 89.00 (88.70 to 89.70): BG  
 Ion 121.00 (120.70 to 121.70): E

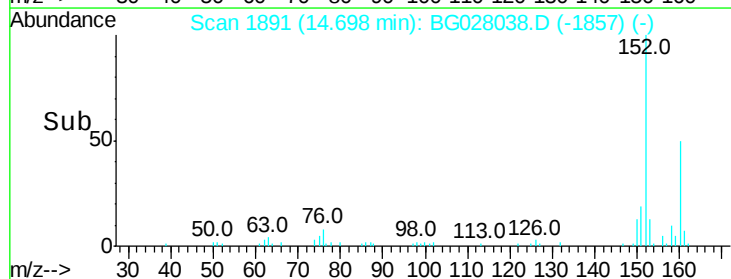
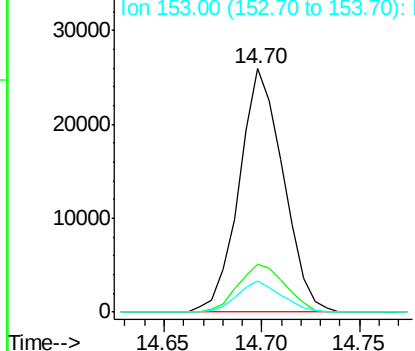


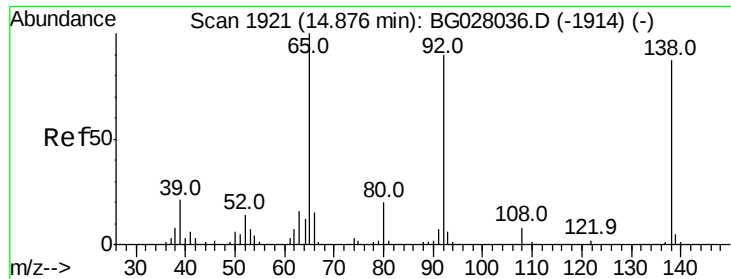
#48  
 Acenaphthylene  
 Concen: 4.141 ng/ul  
 RT: 14.70 min Scan# 1891  
 Delta R.T. -0.00 min  
 Lab File: BG028038.D  
 Acq: 27 Jul 2017 22:27

Tgt Ion:152 Resp: 40490  
 Ion Ratio Lower Upper  
 152 100  
 151 19.5 16.1 24.1  
 153 12.6 10.8 16.2



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





#49

3-Nitroaniline

Concen: 3.358 ng/ul

RT: 14.88 min Scan# 1922

Delta R.T. 0.00 min

Lab File: BG028038.D

Acq: 27 Jul 2017 22:27

Instrument :

BNA\_G

ClientSampleId :

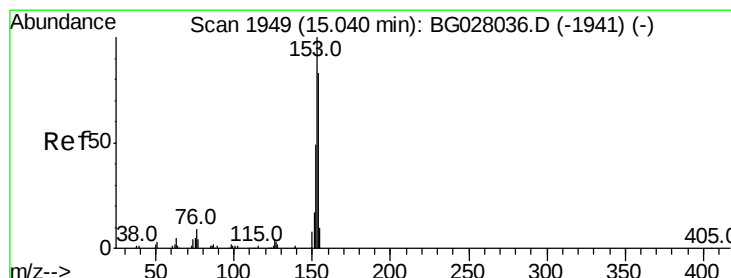
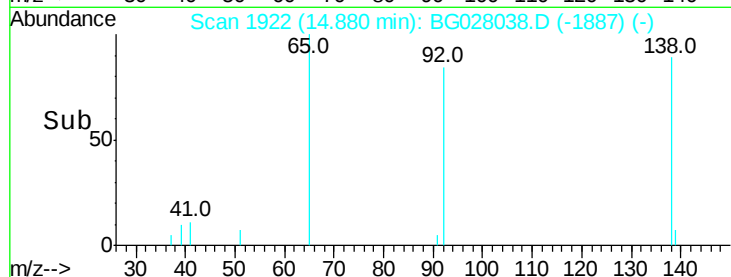
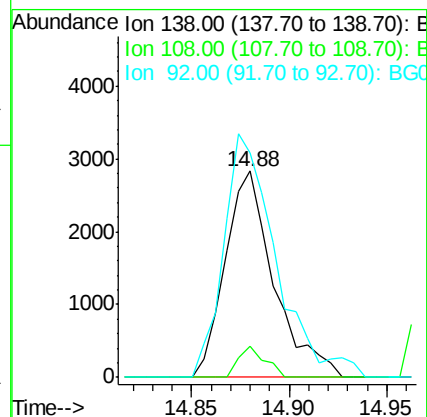
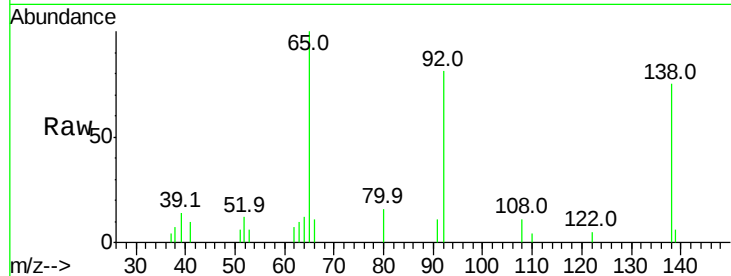
Tot Ion:138 Resp: 4895

Ion Ratio Lower Upper

138 100

108 15.0 7.6 11.4#

92 108.7 94.2 141.2



#50

Acenaphthene

Concen: 4.027 ng/ul

RT: 15.04 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG028038.D

Acq: 27 Jul 2017 22:27

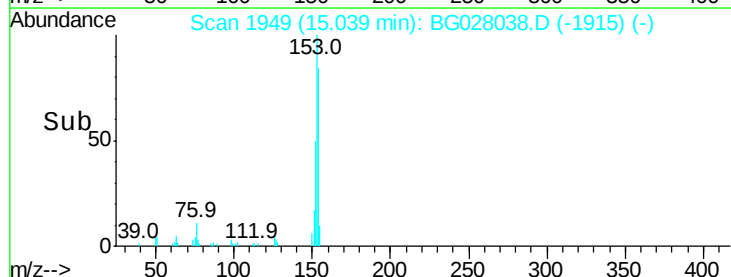
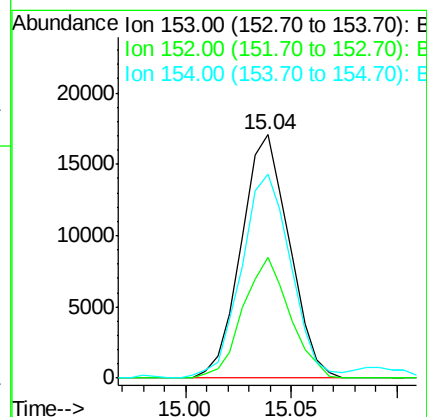
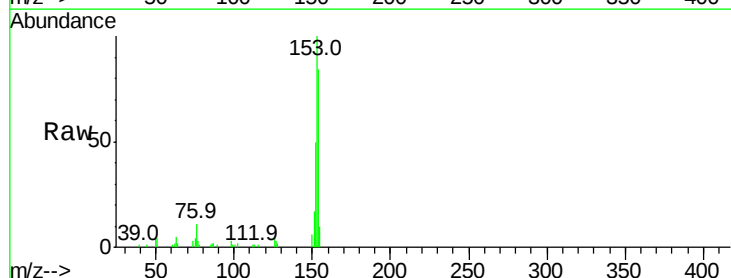
Tgt Ion:153 Resp: 26963

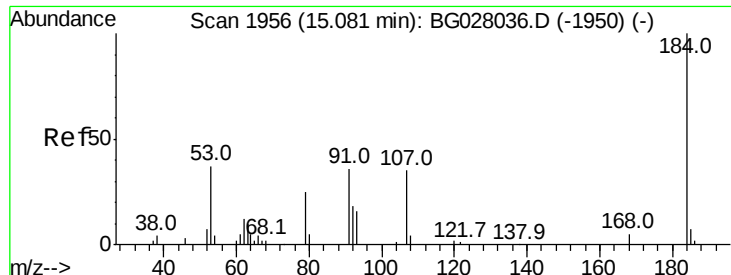
Ion Ratio Lower Upper

153 100

152 49.7 37.9 56.9

154 84.0 69.8 104.6

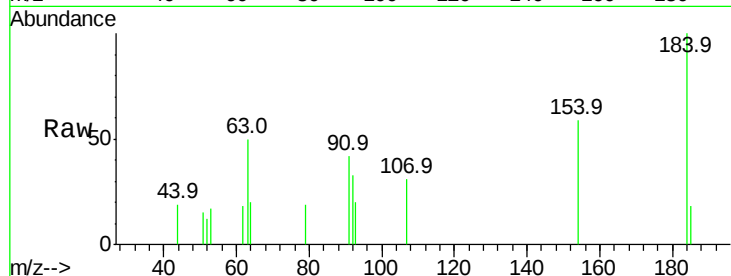




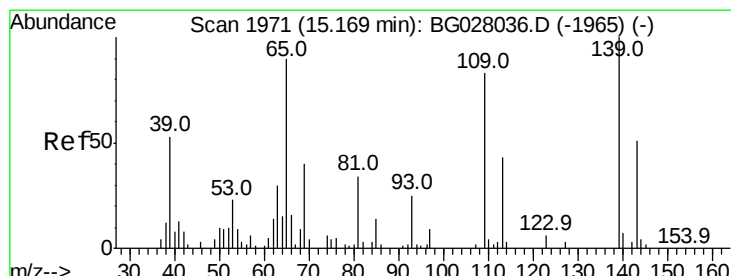
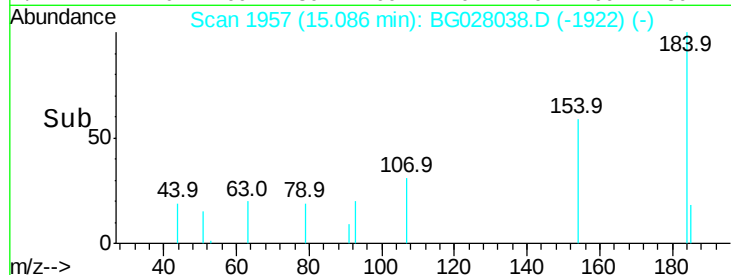
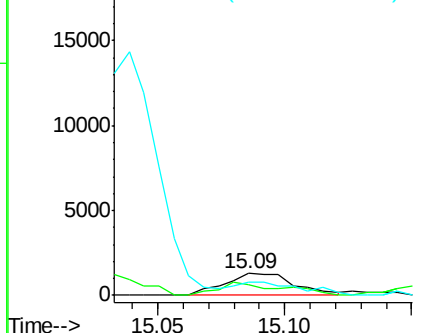
#51  
 2,4-Dinitrophenol  
 Concen: 2.248 ng/ul  
 RT: 15.09 min Scan# 1957  
 Delta R.T. 0.00 min  
 Lab File: BG028038.D  
 Acq: 27 Jul 2017 22:27

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:184 Resp: 2517  
 Ion Ratio Lower Upper  
 184 100  
 63 50.2 39.7 59.5  
 154 58.6 45.0 67.6

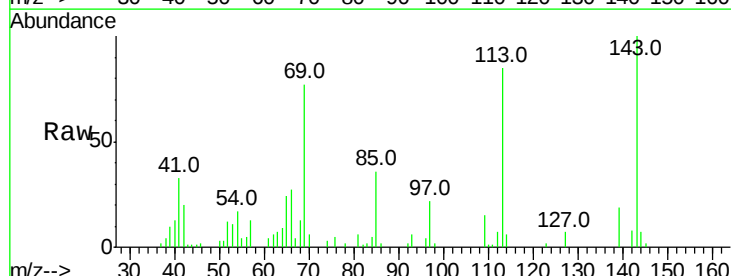


Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 154.00 (153.70 to 154.70): E

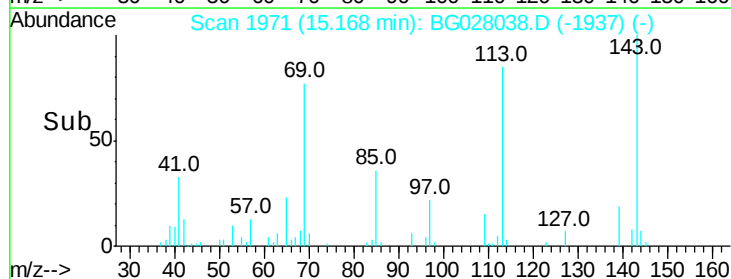
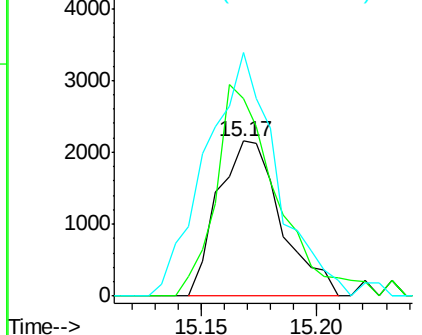


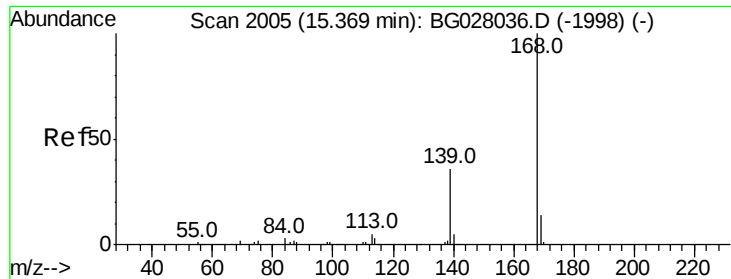
#53  
 4-Nitrophenol  
 Concen: 3.532 ng/ul  
 RT: 15.17 min Scan# 1971  
 Delta R.T. -0.00 min  
 Lab File: BG028038.D  
 Acq: 27 Jul 2017 22:27

Tgt Ion:109 Resp: 4116  
 Ion Ratio Lower Upper  
 109 100  
 139 128.0 91.2 136.8  
 65 157.2 92.6 139.0#



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: 4.277 ng/ul

RT: 15.37 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BG028038.D

Acq: 27 Jul 2017 22:27

Instrument :

BNA\_G

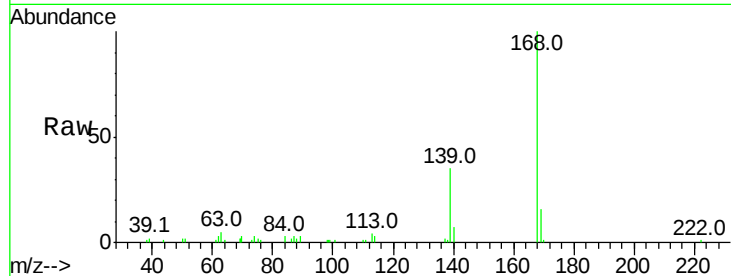
ClientSampleId :

Tot Ion:168 Resp: 43544

Ion Ratio Lower Upper

168 100

139 34.5 31.0 46.4

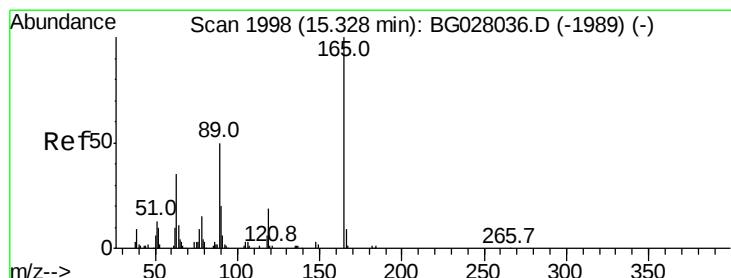
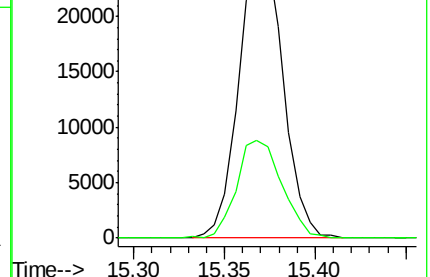
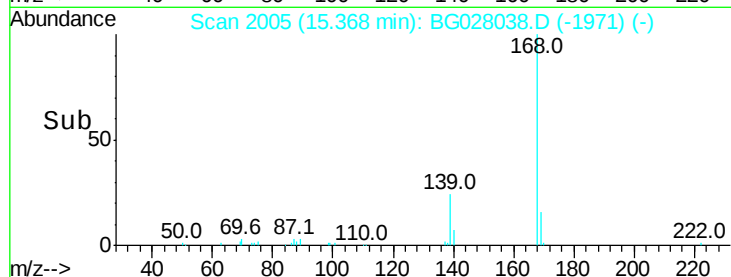


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

15.37

Time-->



#55

2,4-Dinitrotoluene

Concen: 3.594 ng/ul

RT: 15.33 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BG028038.D

Acq: 27 Jul 2017 22:27

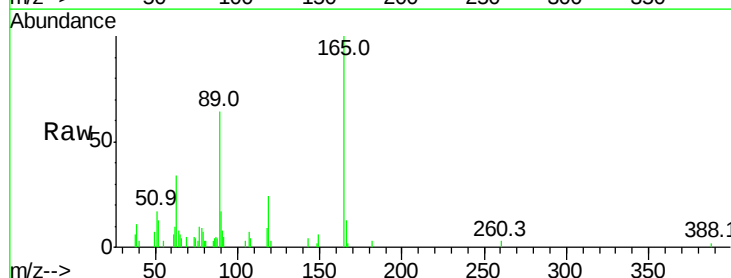
Tgt Ion:165 Resp: 9415

Ion Ratio Lower Upper

165 100

63 33.8 31.4 47.0

182 3.2 2.7 4.1



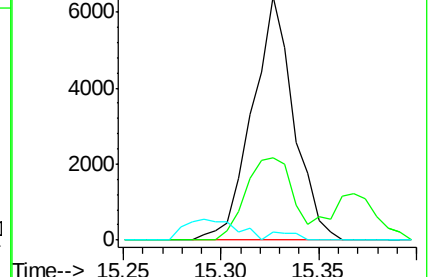
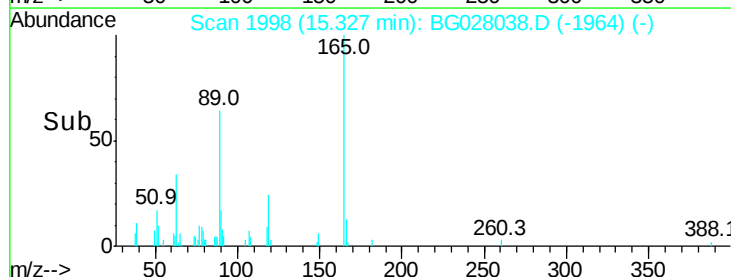
Abundance Ion 165.00 (164.70 to 165.70): E

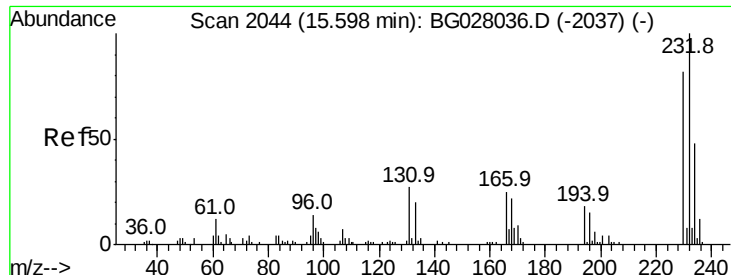
Ion 63.00 (62.70 to 63.70): BG0

Ion 182.00 (181.70 to 182.70): E

15.33

Time-->





#56

2,3,4,6-Tetrachlorophenol

Concen: 3.523 ng/ul

RT: 15.60 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BG028038.D

Acq: 27 Jul 2017 22:27

Instrument :

BNA\_G

ClientSampled :

Tot Ion:232 Resp: 9658

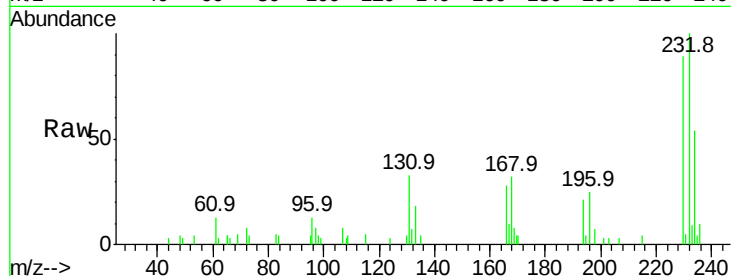
Ion Ratio Lower Upper

232 100

131 33.2 27.1 40.7

130 3.7 0.0 0.0#

166 28.2 20.0 30.0

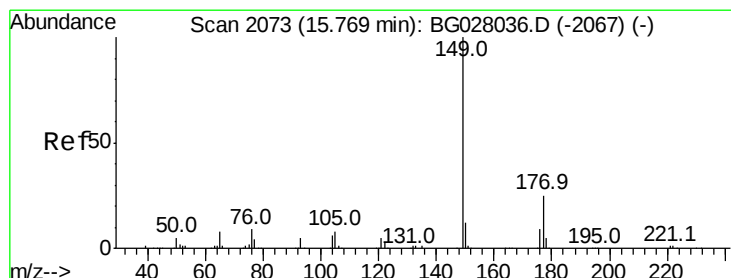
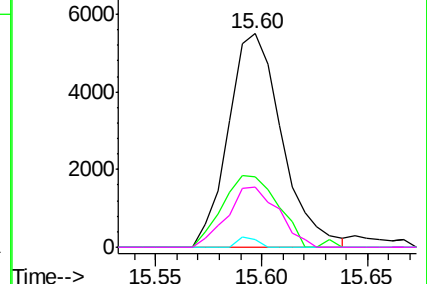
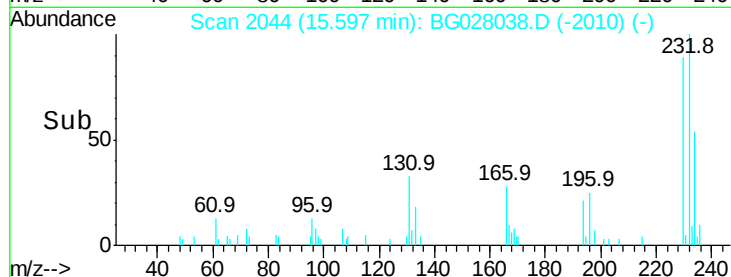


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#57

Diethylphthalate

Concen: 3.988 ng/ul

RT: 15.77 min Scan# 2073

Delta R.T. -0.00 min

Lab File: BG028038.D

Acq: 27 Jul 2017 22:27

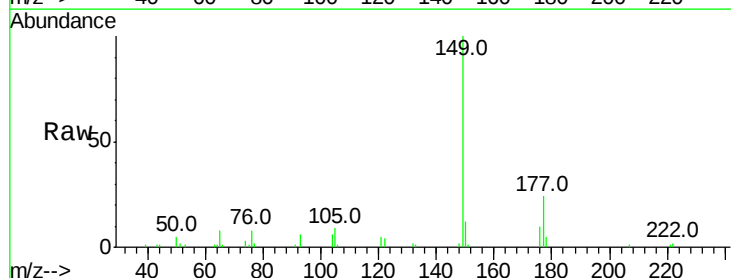
Tgt Ion:149 Resp: 36587

Ion Ratio Lower Upper

149 100

177 23.6 19.3 28.9

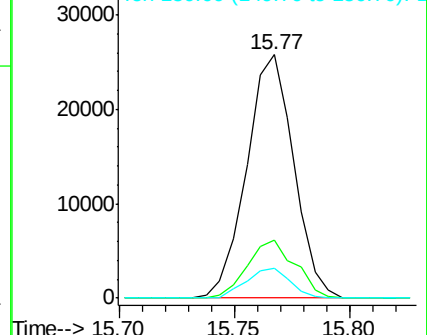
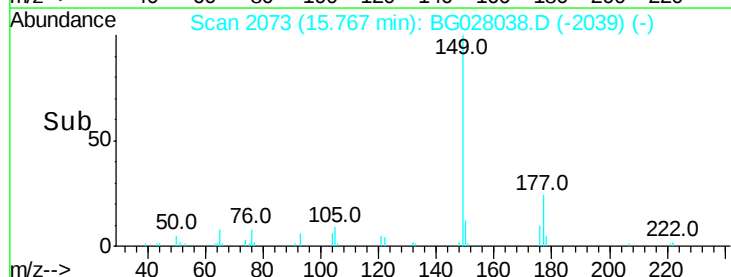
150 12.5 10.6 15.8

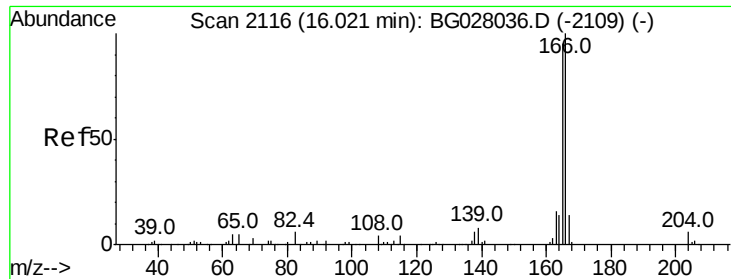


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 4.072 ng/ul

RT: 16.02 min Scan# 2116

Delta R.T. -0.00 min

Lab File: BG028038.D

Acq: 27 Jul 2017 22:27

Instrument :

BNA\_G

ClientSampleId :

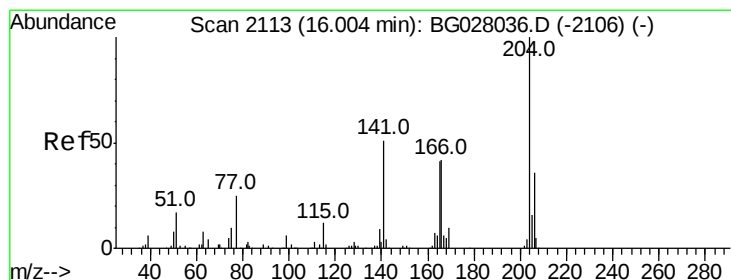
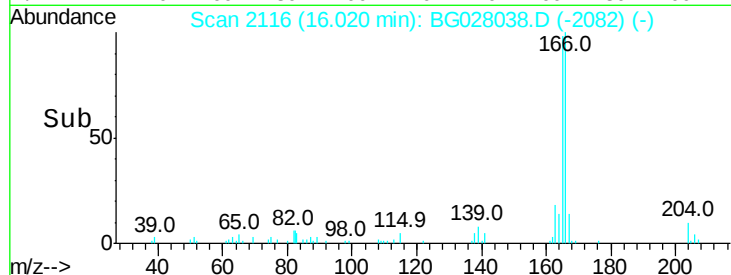
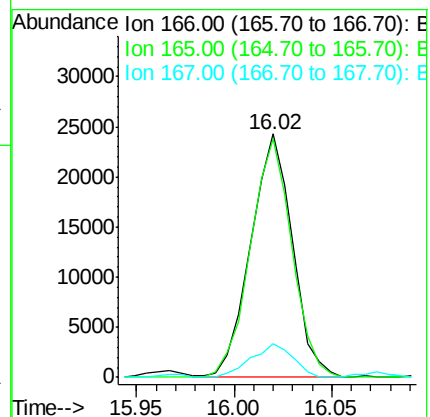
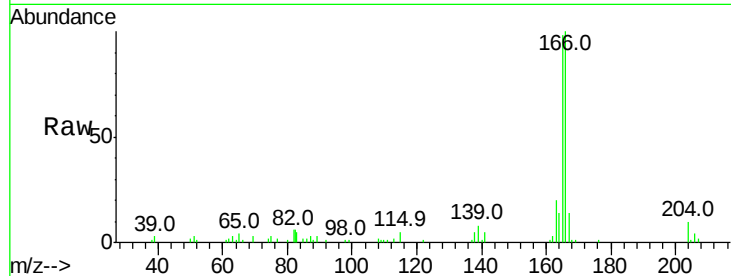
Tot Ion:166 Resp: 35965

Ion Ratio Lower Upper

166 100

165 97.8 78.4 117.6

167 13.8 11.1 16.7



#60

4-Chlorophenyl-phenylether

Concen: 4.133 ng/ul

RT: 16.00 min Scan# 2113

Delta R.T. -0.00 min

Lab File: BG028038.D

Acq: 27 Jul 2017 22:27

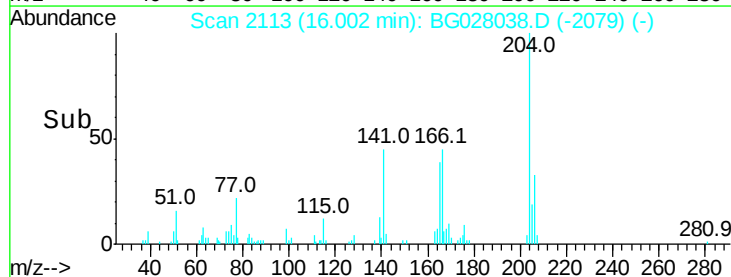
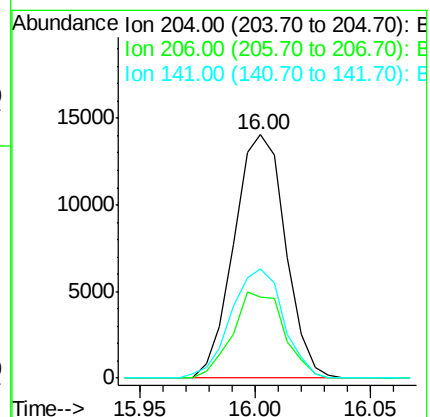
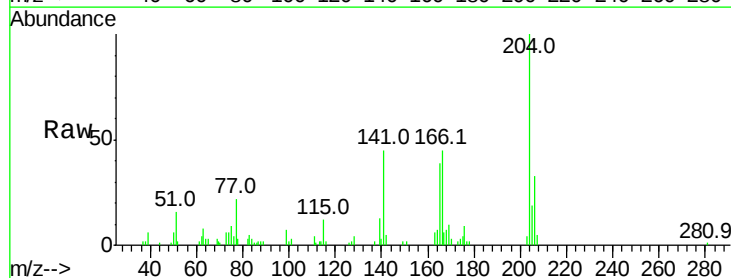
Tgt Ion:204 Resp: 21808

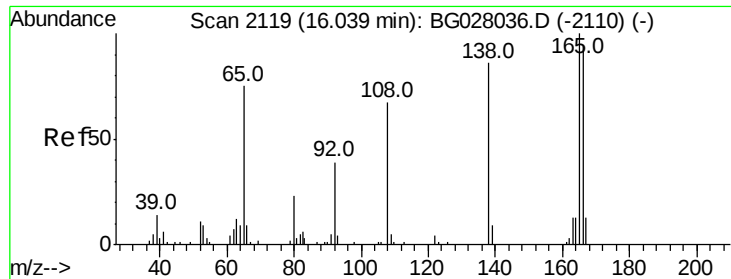
Ion Ratio Lower Upper

204 100

206 33.3 26.6 40.0

141 44.6 40.7 61.1

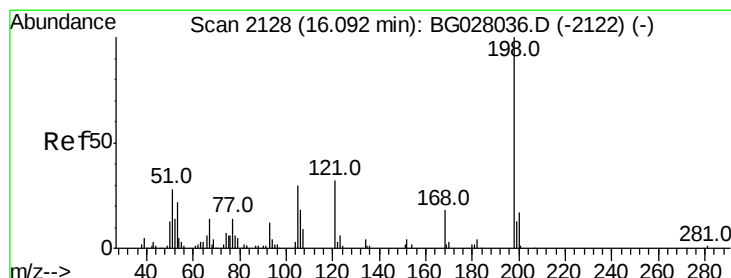
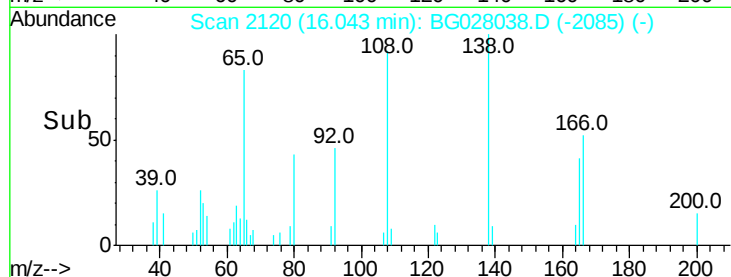
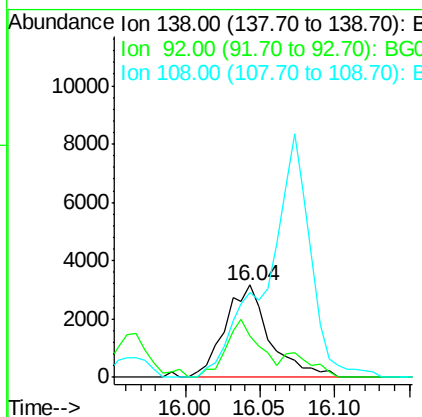
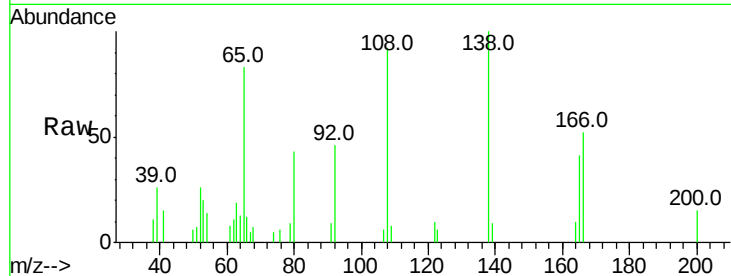




#61  
4-Nitroaniline  
Concen: 3.801 ng/ul  
RT: 16.04 min Scan# 2120  
Delta R.T. 0.00 min  
Lab File: BG028038.D  
Acq: 27 Jul 2017 22:27

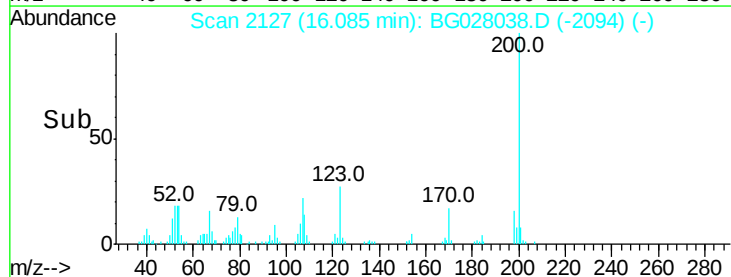
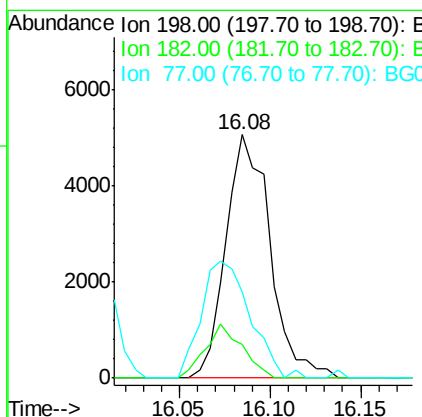
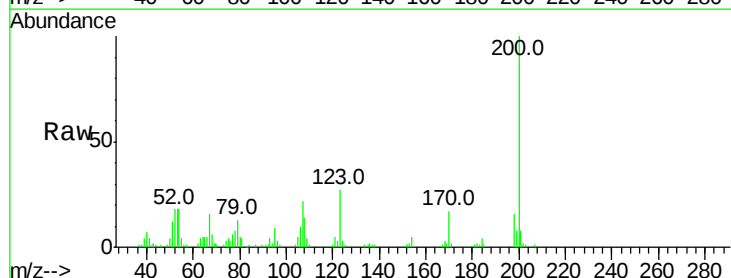
Instrument :  
BNA\_G  
ClientSampleId :

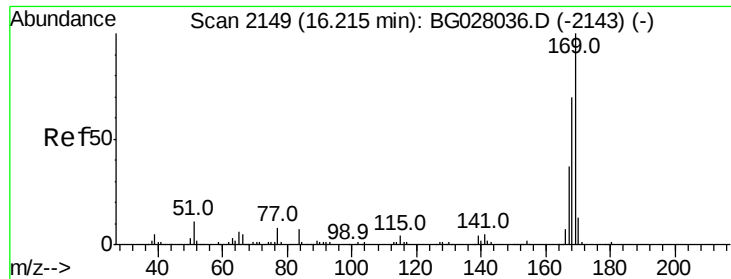
Tot Ion:138 Resp: 6581  
Ion Ratio Lower Upper  
138 100  
92 45.6 38.2 57.4  
108 91.8 70.0 105.0



#64  
4,6-Dinitro-2-methylphenol  
Concen: 4.026 ng/ul  
RT: 16.08 min Scan# 2127  
Delta R.T. -0.01 min  
Lab File: BG028038.D  
Acq: 27 Jul 2017 22:27

Tgt Ion:198 Resp: 8588  
Ion Ratio Lower Upper  
198 100  
182 14.1 3.5 5.3#  
77 35.5 18.2 27.4#



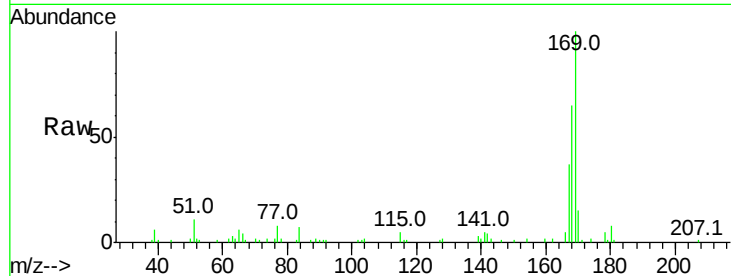


#65

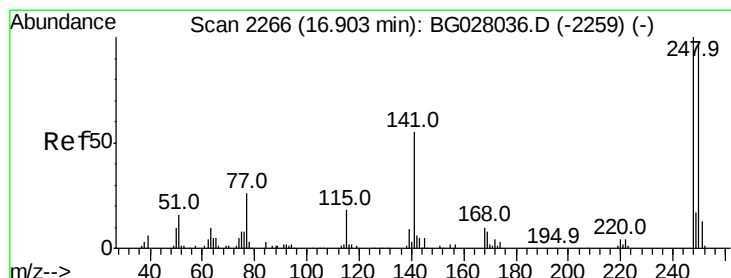
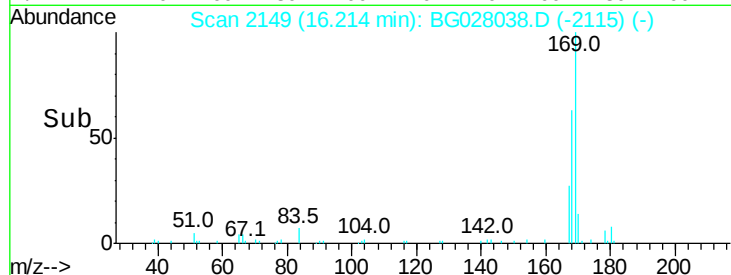
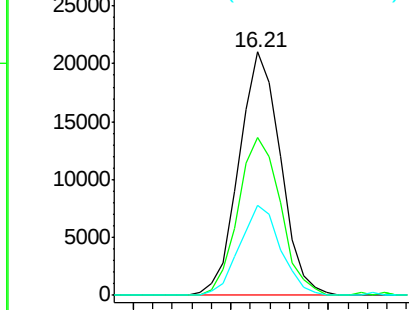
N-Nitrosodiphenylamine  
 Concen: 3.940 ng/ul  
 RT: 16.21 min Scan# 2149  
 Delta R.T. -0.00 min  
 Lab File: BG028038.D  
 Acq: 27 Jul 2017 22:27

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:169 Resp: 31095  
 Ion Ratio Lower Upper  
 169 100  
 168 64.6 53.8 80.8  
 167 37.2 29.5 44.3



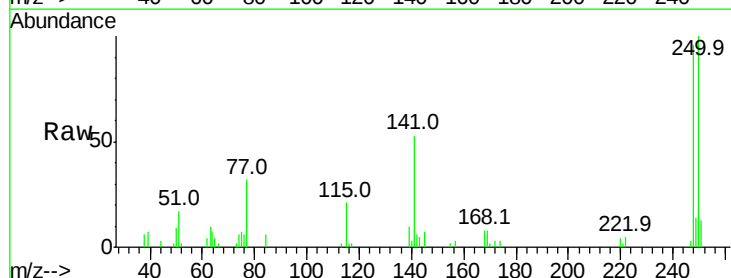
Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E



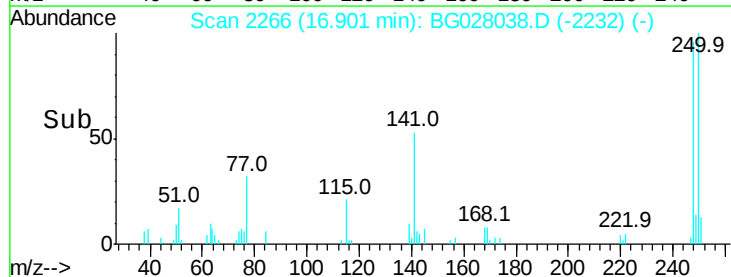
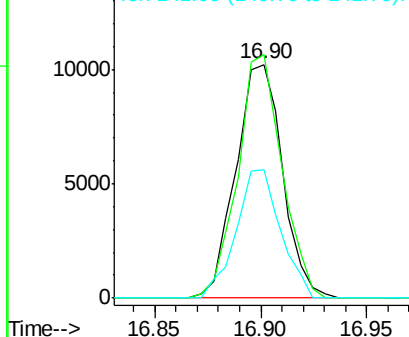
#66

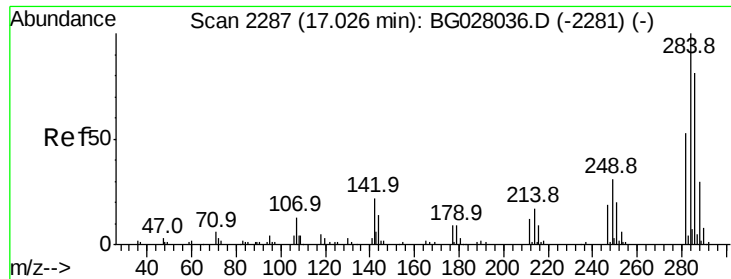
4-Bromophenyl-phenylether  
 Concen: 3.906 ng/ul  
 RT: 16.90 min Scan# 2266  
 Delta R.T. -0.00 min  
 Lab File: BG028038.D  
 Acq: 27 Jul 2017 22:27

Tgt Ion:248 Resp: 15703  
 Ion Ratio Lower Upper  
 248 100  
 250 104.3 79.0 118.4  
 141 54.8 51.9 77.9



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: 4.042 ng/ul

RT: 17.02 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BG028038.D

Acq: 27 Jul 2017 22:27

Instrument :

BNA\_G

ClientSampleId :

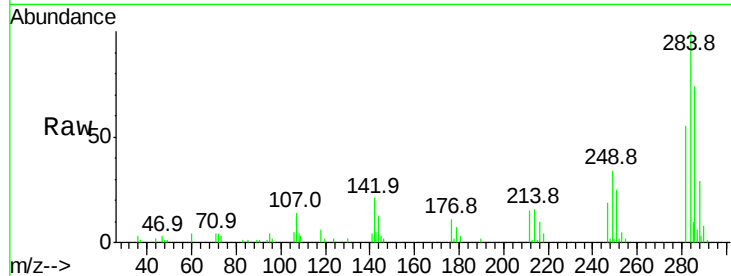
Tot Ion:284 Resp: 18479

Ion Ratio Lower Upper

284 100

142 21.2 21.3 31.9#

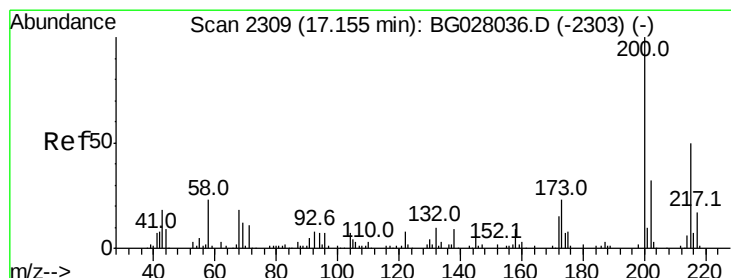
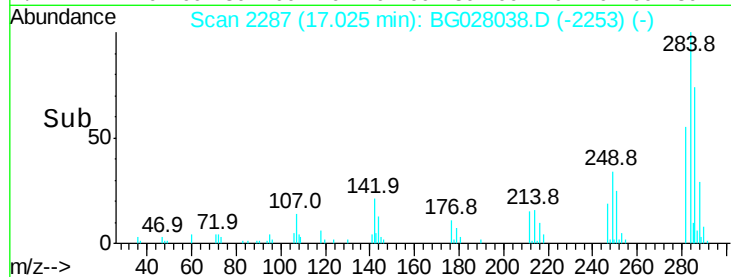
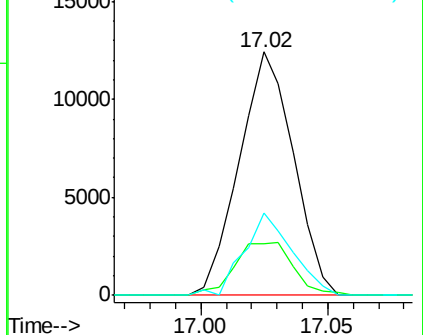
249 36.1 26.3 39.5



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: 3.382 ng/ul

RT: 17.15 min Scan# 2309

Delta R.T. -0.00 min

Lab File: BG028038.D

Acq: 27 Jul 2017 22:27

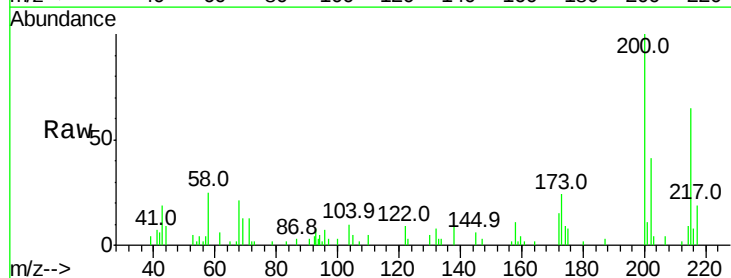
Tgt Ion:200 Resp: 12736

Ion Ratio Lower Upper

200 100

173 24.2 20.6 31.0

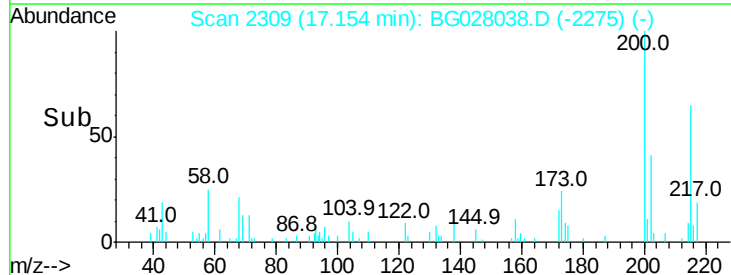
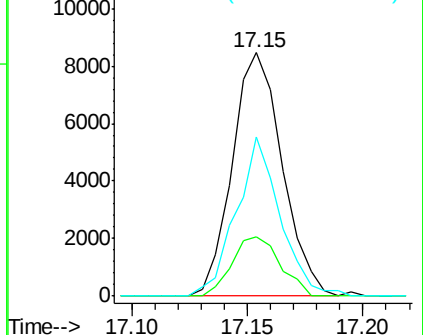
215 65.3 39.8 59.6#

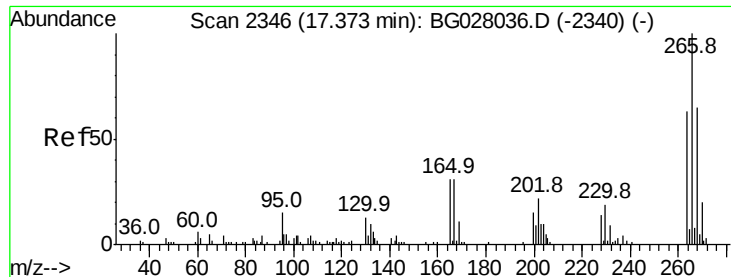


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

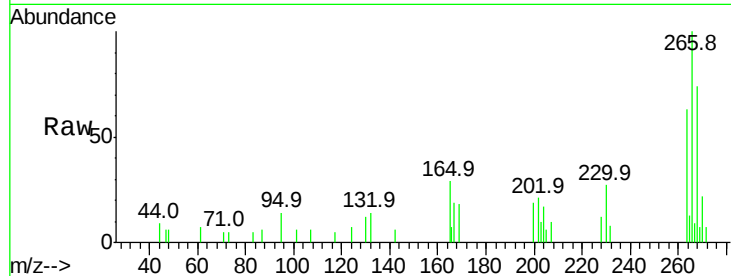




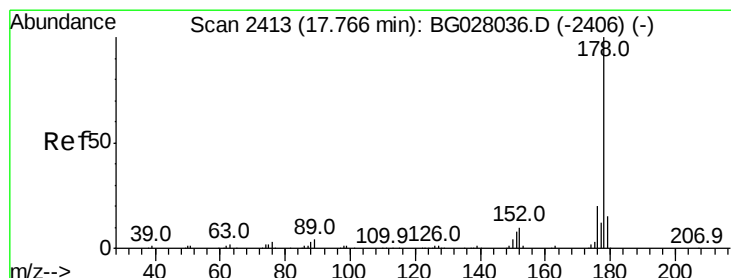
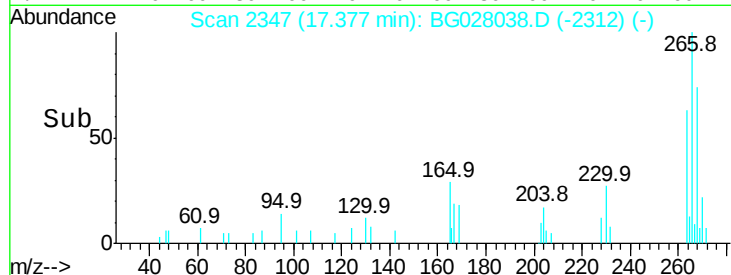
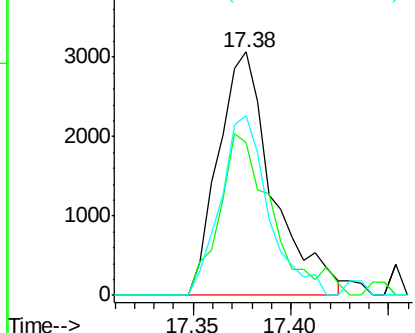
#69  
 Pentachlorophenol  
 Concen: 2.487 ng/ul  
 RT: 17.38 min Scan# 2347  
 Delta R.T. 0.00 min  
 Lab File: BG028038.D  
 Acq: 27 Jul 2017 22:27

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:266 Resp: 5936  
 Ion Ratio Lower Upper  
 266 100  
 264 62.7 48.2 72.4  
 268 73.6 52.3 78.5

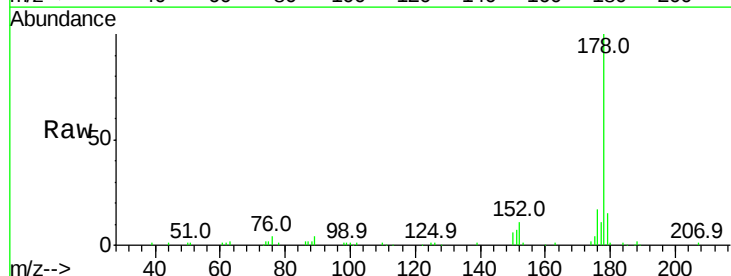


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 264.00 (263.70 to 264.70): E  
 Ion 268.00 (267.70 to 268.70): E

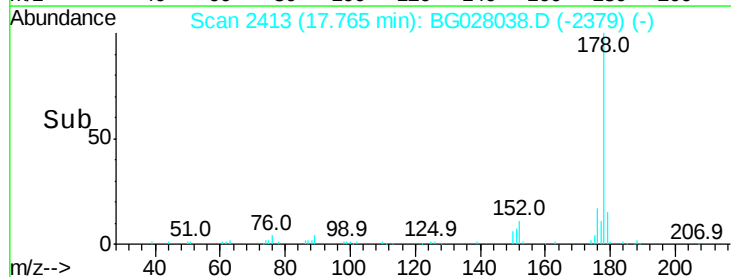
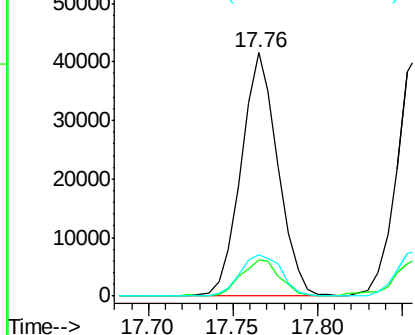


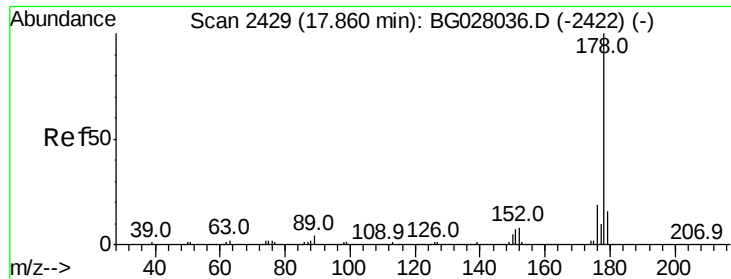
#70  
 Phenanthrene  
 Concen: 4.056 ng/ul  
 RT: 17.76 min Scan# 2413  
 Delta R.T. -0.00 min  
 Lab File: BG028038.D  
 Acq: 27 Jul 2017 22:27

Tgt Ion:178 Resp: 63043  
 Ion Ratio Lower Upper  
 178 100  
 179 15.0 12.3 18.5  
 176 17.2 15.4 23.0



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: 4.126 ng/ul

RT: 17.86 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BG028038.D

Acq: 27 Jul 2017 22:27

Instrument :

BNA\_G

ClientSampled :

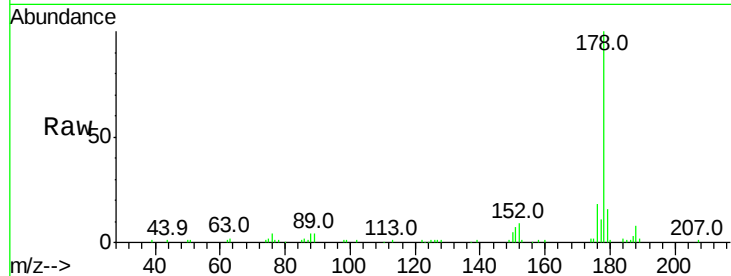
Tot Ion:178 Resp: 66778

Ion Ratio Lower Upper

178 100

179 15.5 13.4 20.2

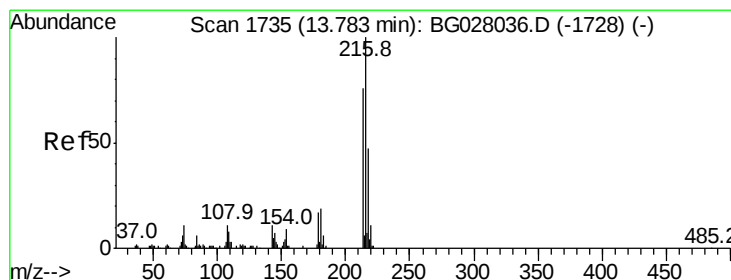
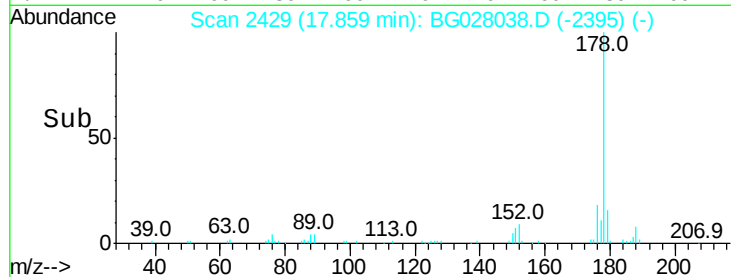
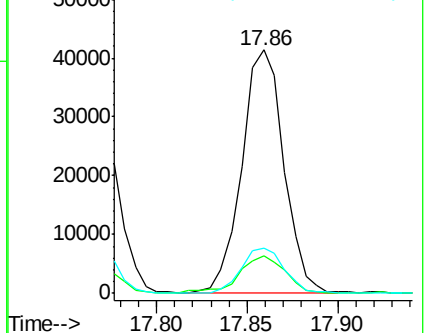
176 18.4 15.4 23.0



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: 3.800 ng/uL

RT: 13.78 min Scan# 1735

Delta R.T. -0.00 min

Lab File: BG028038.D

Acq: 27 Jul 2017 22:27

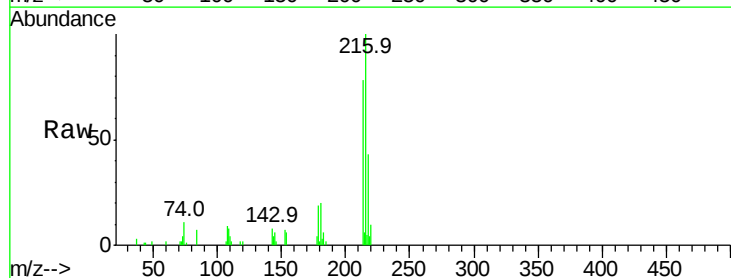
Tgt Ion:216 Resp: 16570

Ion Ratio Lower Upper

216 100

214 78.0 64.1 96.1

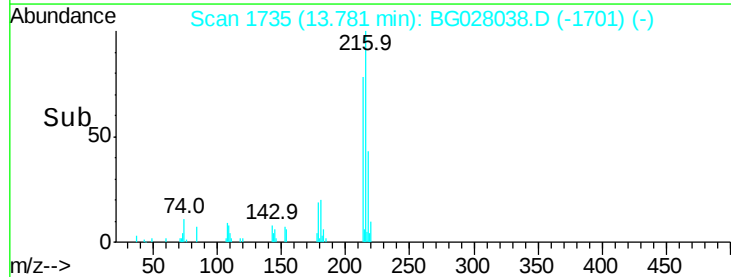
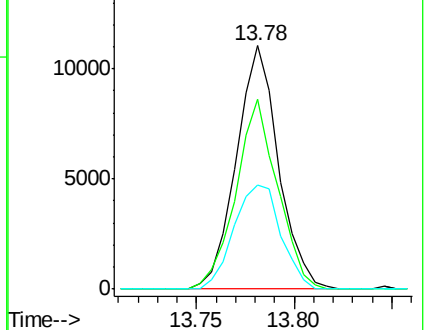
218 42.9 39.4 59.0

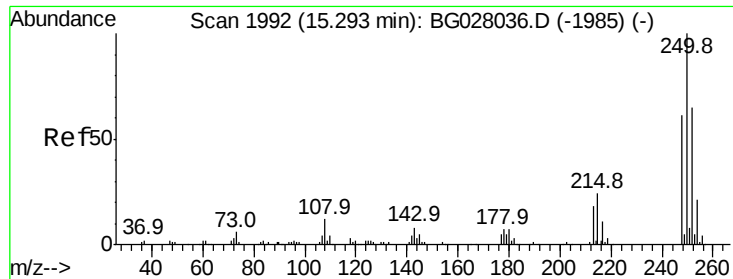


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 3.861 ng/uL

RT: 15.29 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BG028038.D

Acq: 27 Jul 2017 22:27

Instrument :

BNA\_G

ClientSampleId :

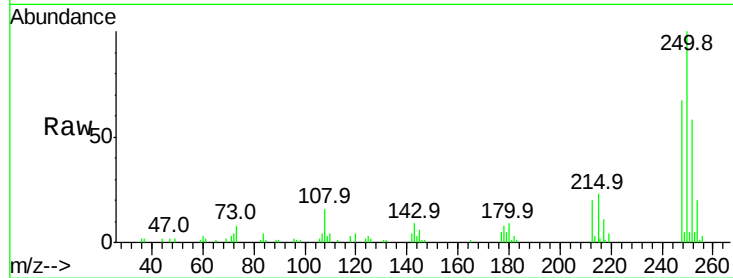
Tot Ion:250 Resp: 25022

Ion Ratio Lower Upper

250 100

248 66.7 51.4 77.2

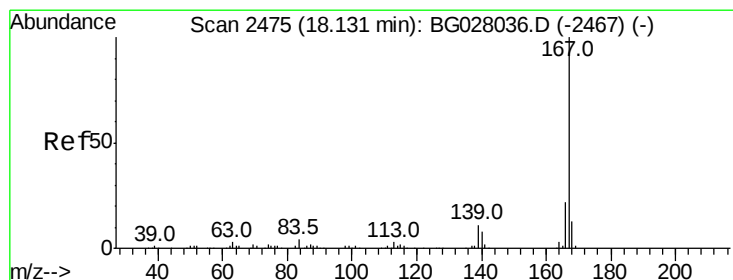
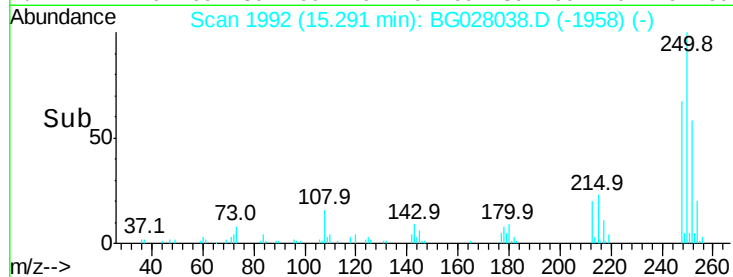
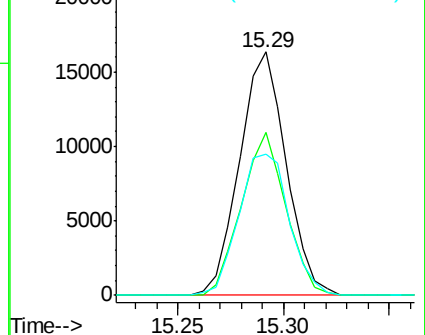
252 63.2 49.8 74.6



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: 3.926 ng/uL

RT: 18.13 min Scan# 2475

Delta R.T. -0.00 min

Lab File: BG028038.D

Acq: 27 Jul 2017 22:27

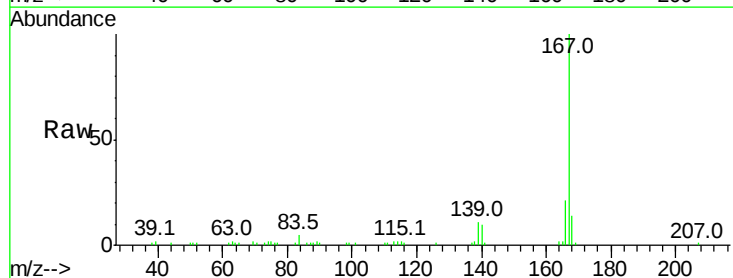
Tgt Ion:167 Resp: 52031

Ion Ratio Lower Upper

167 100

166 21.4 17.0 25.4

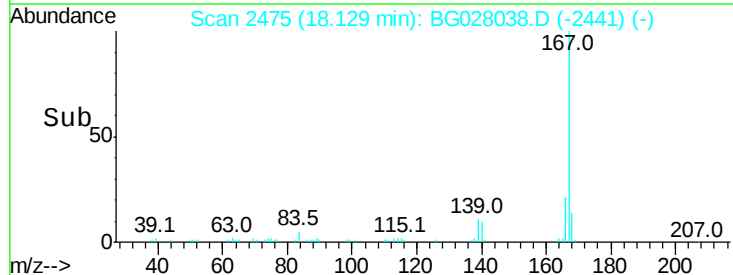
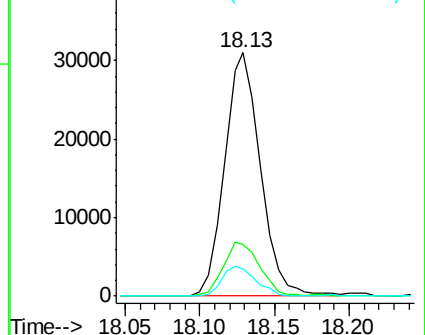
139 11.3 9.1 13.7

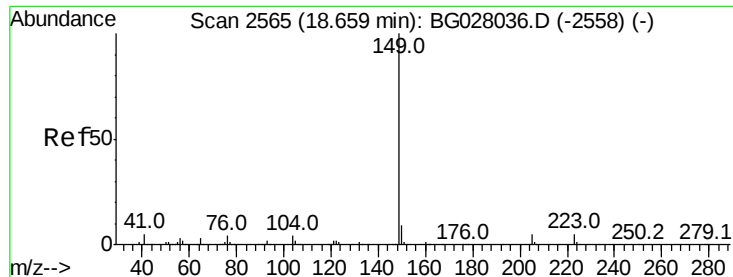


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

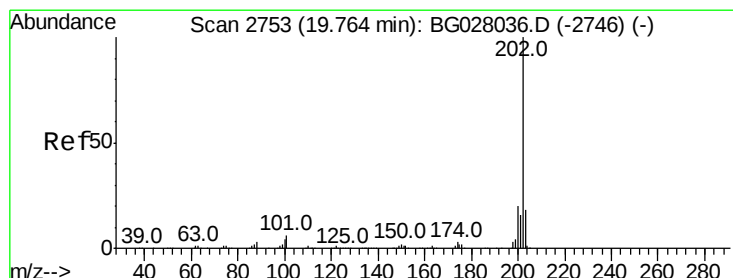
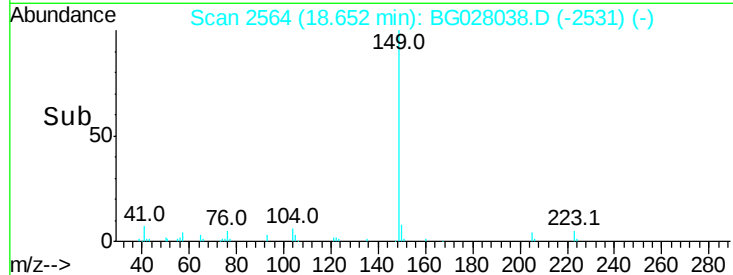
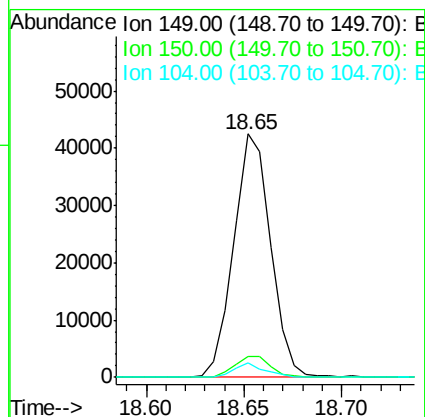
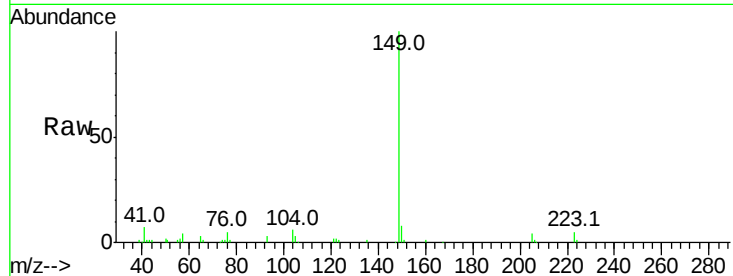




#76  
Di-n-butylphthalate  
Concen: 3.785 ng/ul  
RT: 18.65 min Scan# 2564  
Delta R.T. -0.01 min  
Lab File: BG028038.D  
Acq: 27 Jul 2017 22:27

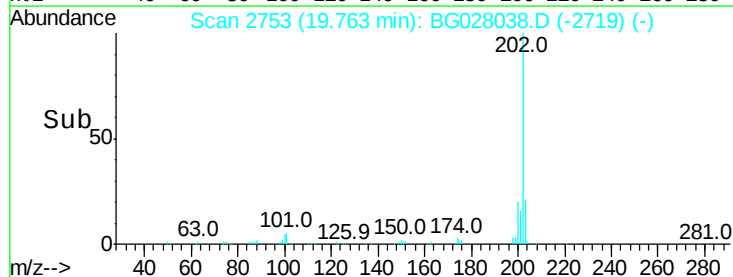
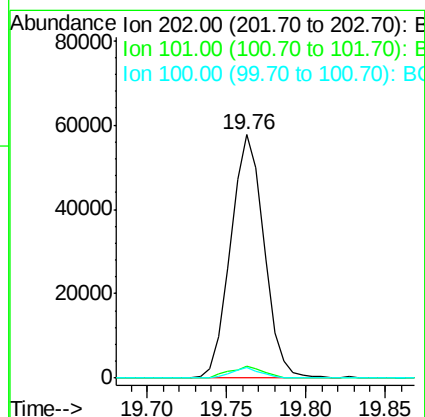
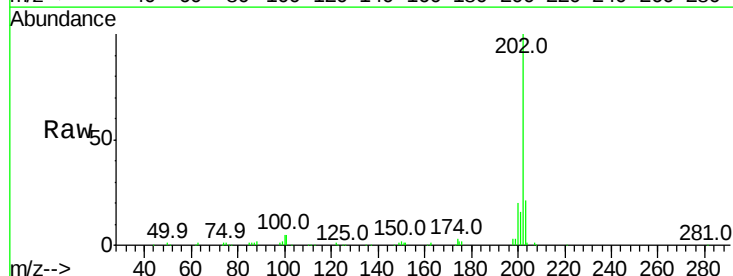
Instrument :  
BNA\_G  
ClientSampleId :

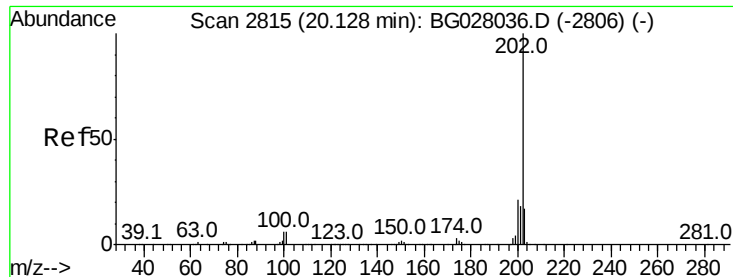
Tot Ion:149 Resp: 55705  
Ion Ratio Lower Upper  
149 100  
150 8.4 7.5 11.3  
104 5.9 4.1 6.1



#77  
Fluoranthene  
Concen: 4.230 ng/ul  
RT: 19.76 min Scan# 2753  
Delta R.T. -0.00 min  
Lab File: BG028038.D  
Acq: 27 Jul 2017 22:27

Tgt Ion:202 Resp: 84030  
Ion Ratio Lower Upper  
202 100  
101 4.8 6.1 9.1#  
100 4.5 4.6 7.0#

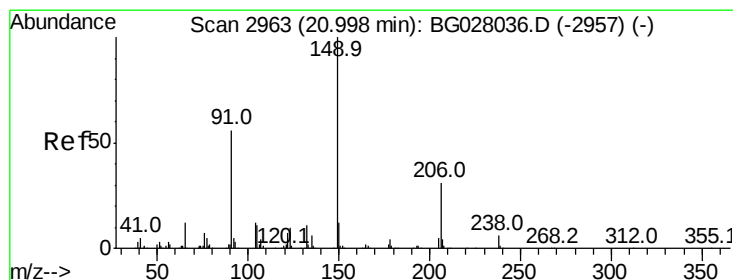
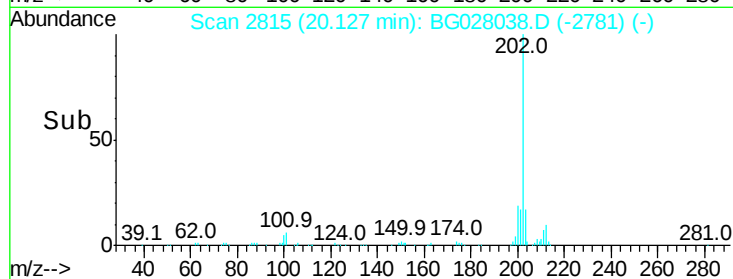
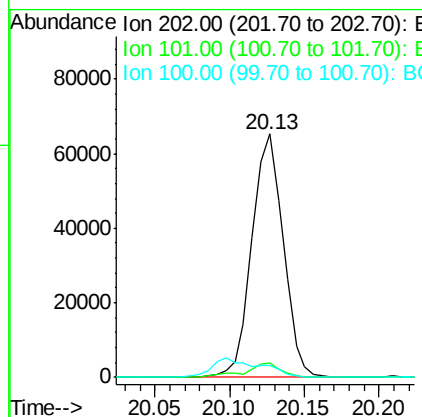
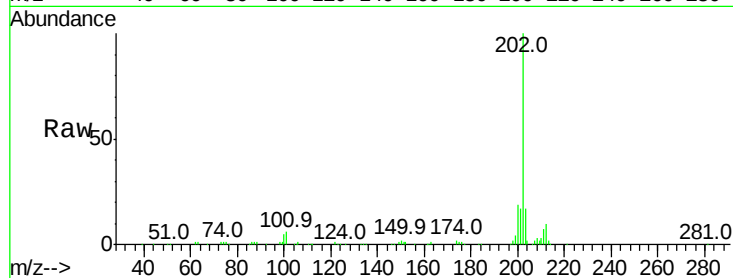




#80  
Pvrene  
Concen: 4.363 ng/ul  
RT: 20.13 min Scan# 2815  
Delta R.T. -0.00 min  
Lab File: BG028038.D  
Acq: 27 Jul 2017 22:27

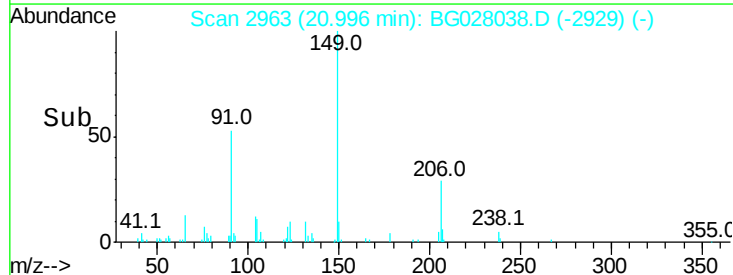
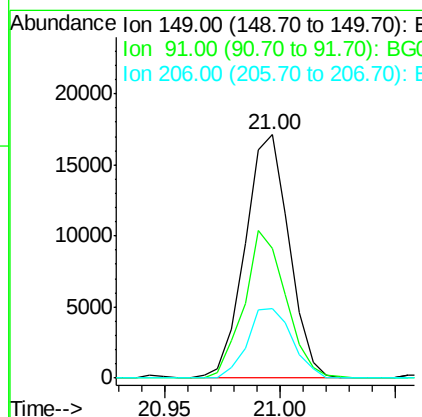
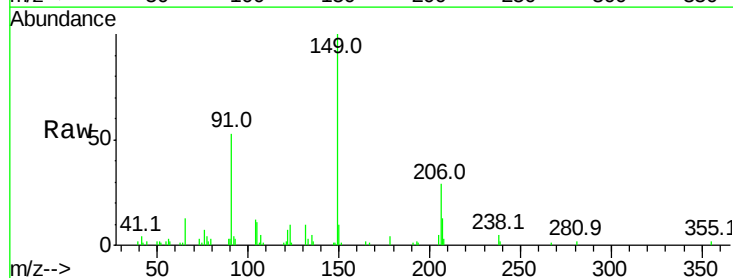
Instrument :  
BNA\_G  
ClientSampleId :

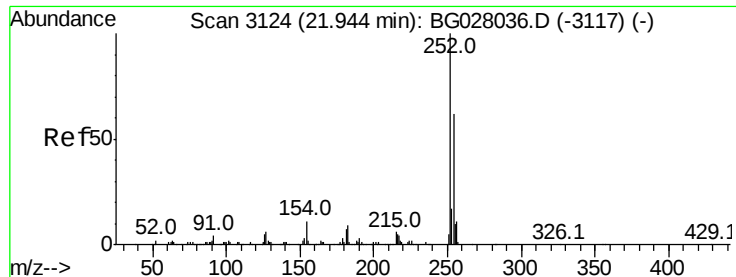
Tot Ion:202 Resp: 94627  
Ion Ratio Lower Upper  
202 100  
101 6.2 6.9 10.3#  
100 5.0 5.6 8.4#



#81  
Butylbenzylphthalate  
Concen: 3.529 ng/ul  
RT: 21.00 min Scan# 2963  
Delta R.T. -0.00 min  
Lab File: BG028038.D  
Acq: 27 Jul 2017 22:27

Tgt Ion:149 Resp: 22741  
Ion Ratio Lower Upper  
149 100  
91 53.1 53.4 80.0#  
206 28.5 19.3 28.9





#82

3,3'-Dichlorobenzidine

Concen: 3.401 ng/ul

RT: 21.94 min Scan# 3124

Delta R.T. -0.00 min

Lab File: BG028038.D

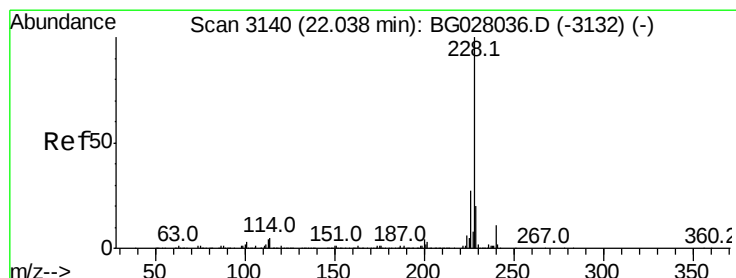
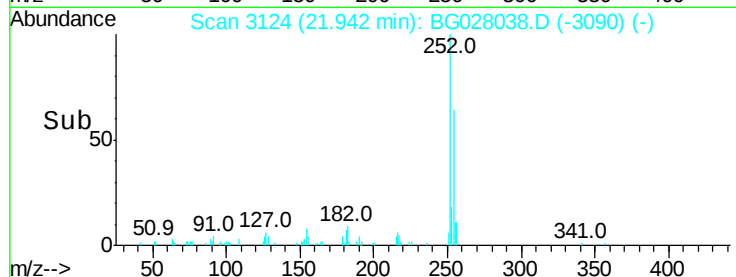
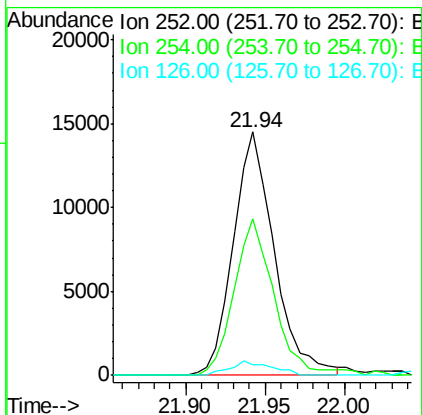
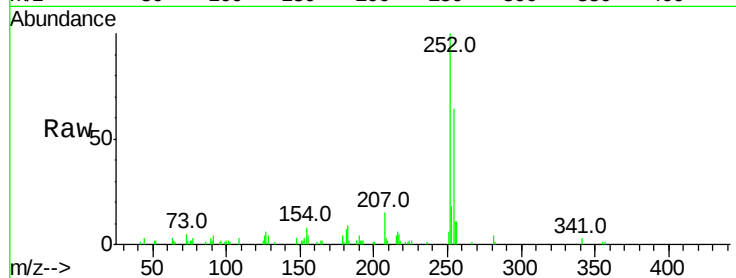
Acq: 27 Jul 2017 22:27

Instrument :

BNA\_G

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:252 | Resp: | 25995     |
| Ion Ratio   | Lower | Upper     |
| 252         | 100   |           |
| 254         | 64.3  | 52.8 79.2 |
| 126         | 4.4   | 6.9 10.3# |



#83

Benzo(a)anthracene

Concen: 4.054 ng/ul

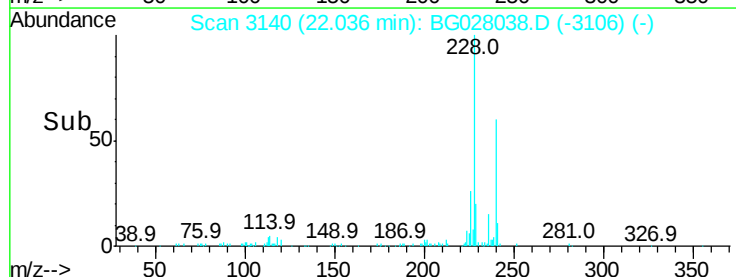
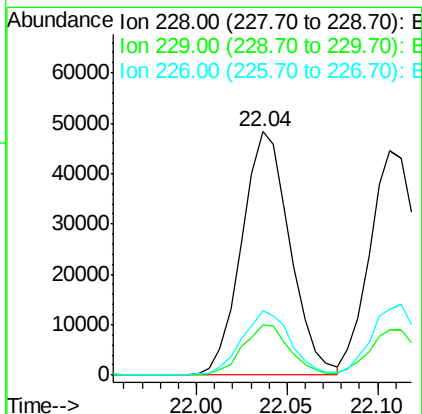
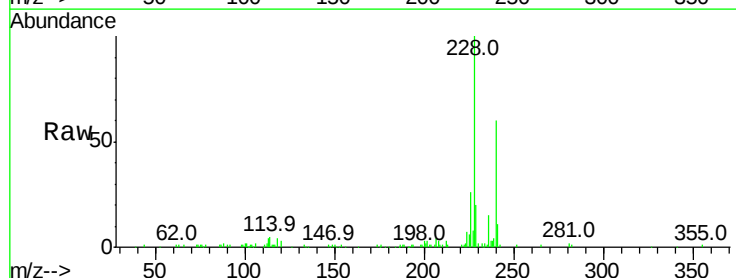
RT: 22.04 min Scan# 3140

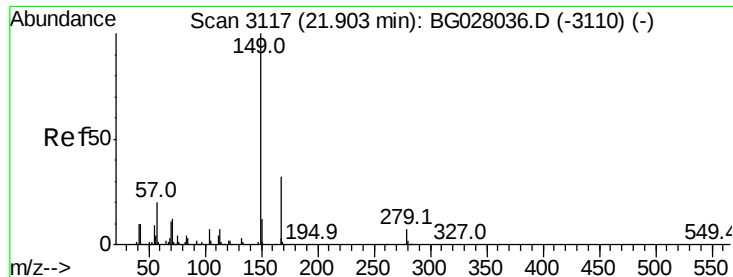
Delta R.T. -0.00 min

Lab File: BG028038.D

Acq: 27 Jul 2017 22:27

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:228 | Resp: | 89972     |
| Ion Ratio   | Lower | Upper     |
| 228         | 100   |           |
| 229         | 20.5  | 16.0 24.0 |
| 226         | 26.4  | 21.8 32.8 |

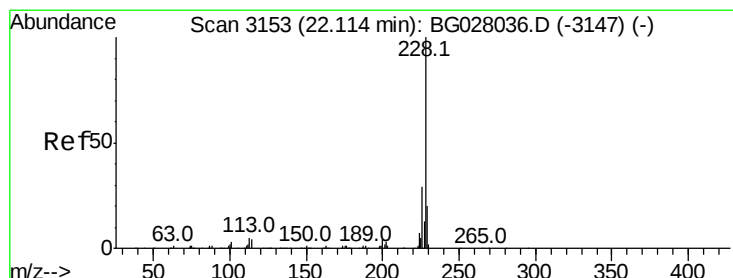
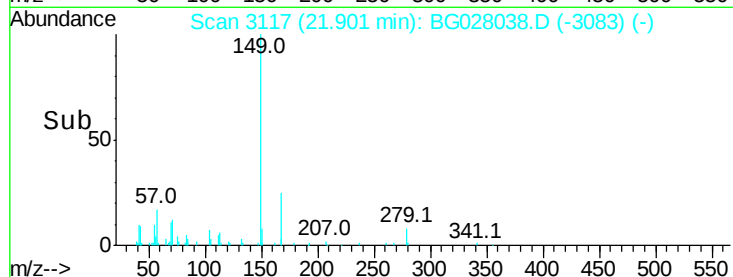
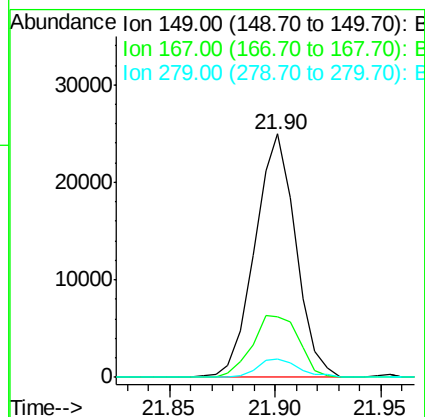
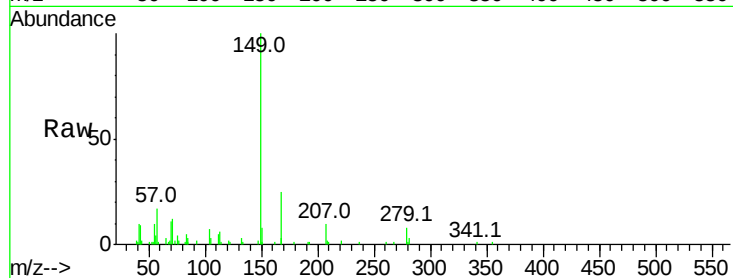




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 3.567 ng/ul  
 RT: 21.90 min Scan# 3117  
 Delta R.T. -0.00 min  
 Lab File: BG028038.D  
 Acq: 27 Jul 2017 22:27

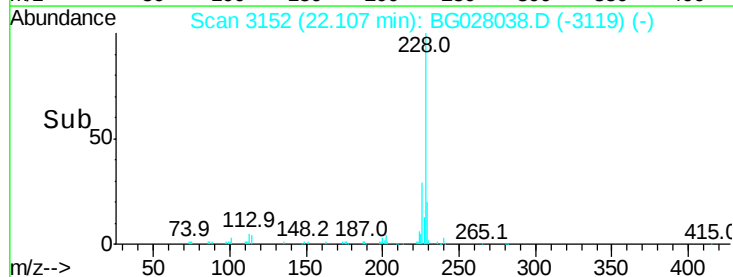
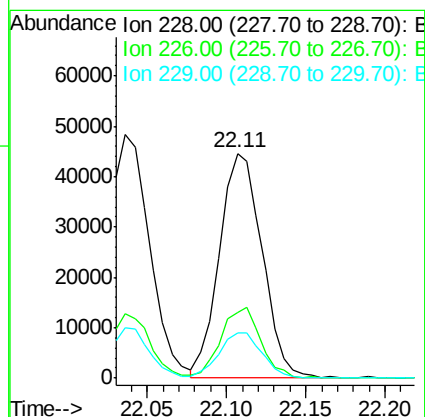
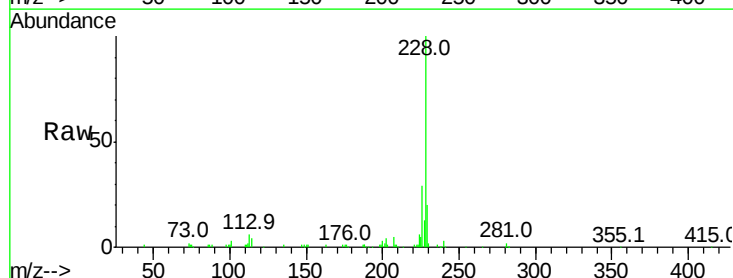
Instrument :  
 BNA\_G  
 ClientSampleId :

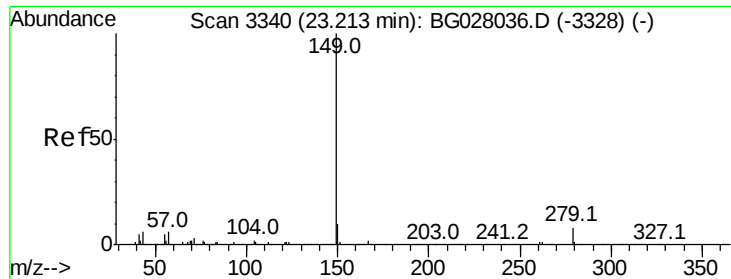
Tot Ion:149 Resp: 33626  
 Ion Ratio Lower Upper  
 149 100  
 167 25.0 23.0 34.6  
 279 7.7 4.3 6.5#



#85  
 Chrysene  
 Concen: 4.103 ng/ul  
 RT: 22.11 min Scan# 3152  
 Delta R.T. -0.01 min  
 Lab File: BG028038.D  
 Acq: 27 Jul 2017 22:27

Tgt Ion:228 Resp: 83290  
 Ion Ratio Lower Upper  
 228 100  
 226 29.4 24.1 36.1  
 229 20.2 16.0 24.0





#87

Di-n-octyl phthalate

Concen: 3.378 ng/ul

RT: 23.21 min Scan# 3340

Delta R.T. -0.00 min

Lab File: BG028038.D

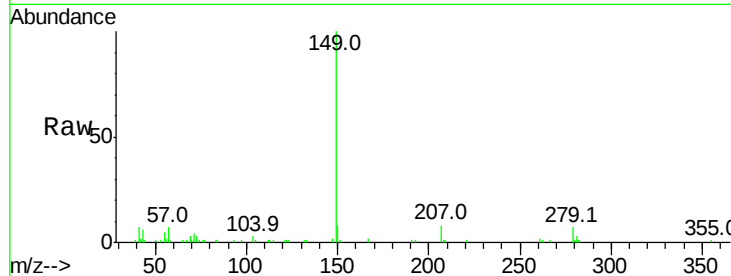
Acq: 27 Jul 2017 22:27

Instrument :

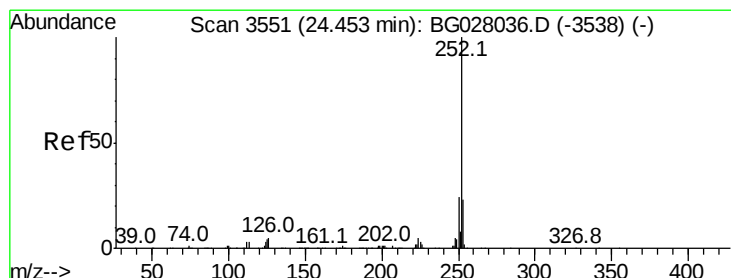
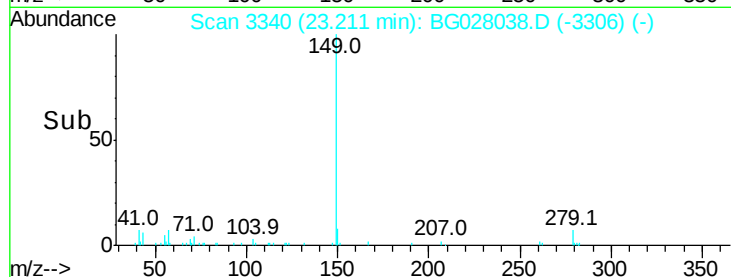
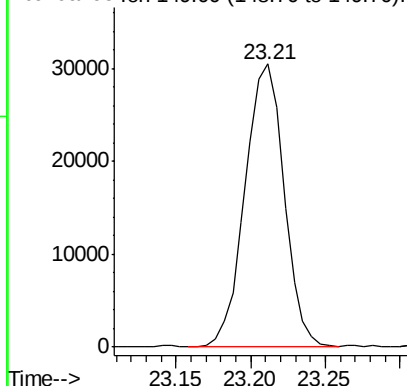
BNA\_G

ClientSampleId :

Tgt Ion:149 Resp: 55278



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 3.764 ng/ul

RT: 24.45 min Scan# 3551

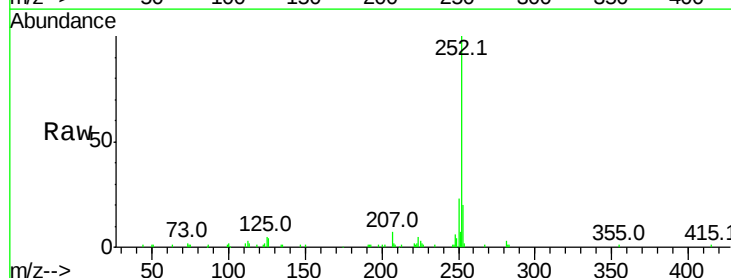
Delta R.T. -0.00 min

Lab File: BG028038.D

Acq: 27 Jul 2017 22:27

Tgt Ion:252 Resp: 86985

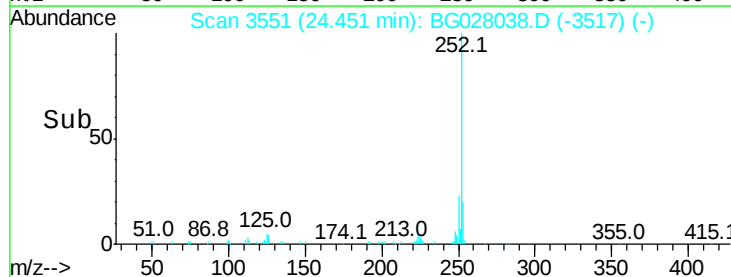
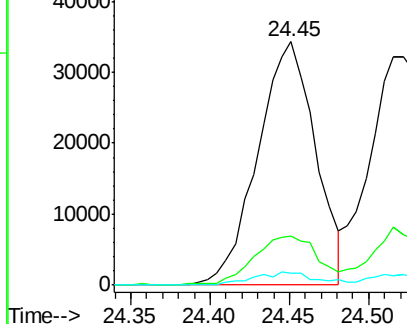
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 20.1  | 17.4  | 26.0  |
| 125 | 5.0   | 4.9   | 7.3   |

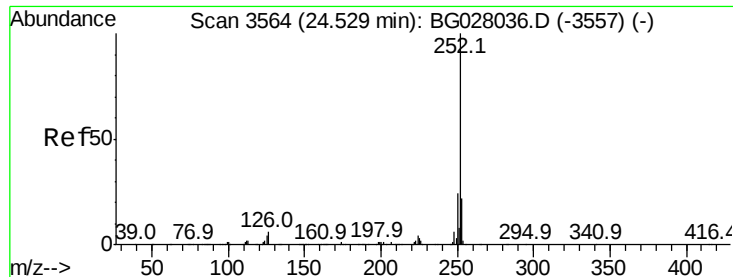


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 3.998 ng/ul

RT: 24.52 min Scan# 3562

Delta R.T. -0.01 min

Lab File: BG028038.D

Acq: 27 Jul 2017 22:27

Instrument :

BNA\_G

ClientSampleId :

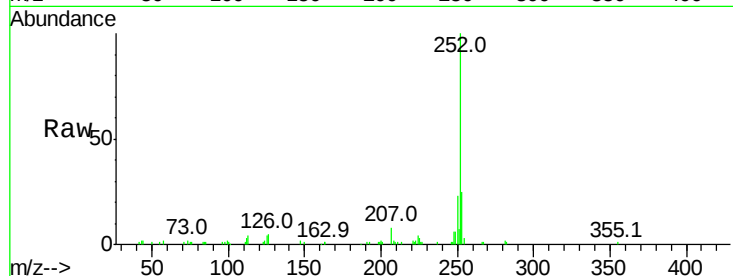
Tot Ion:252 Resp: 90078

Ion Ratio Lower Upper

252 100

253 25.5 17.1 25.7

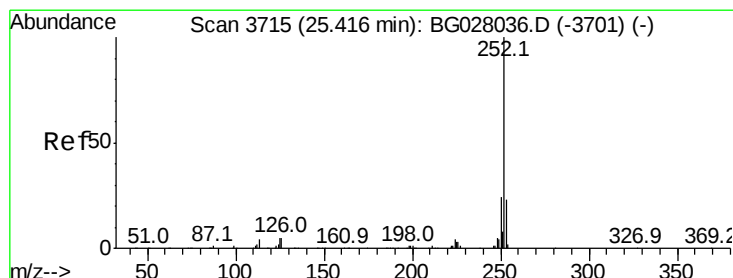
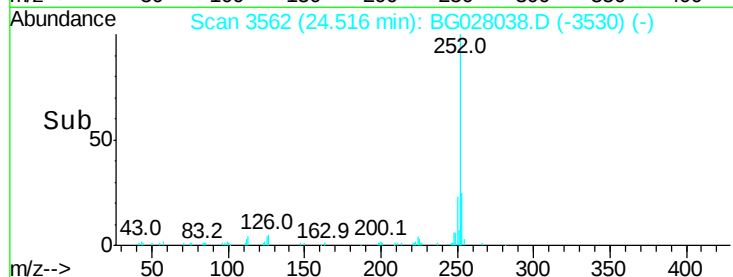
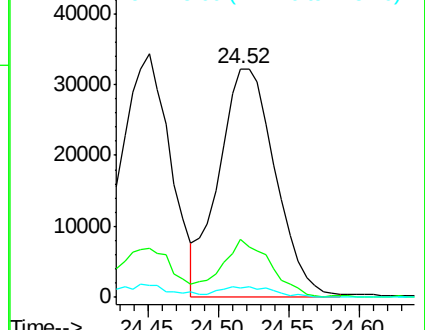
125 4.2 5.4 8.0#



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



#91

Benzo(a)pyrene

Concen: 3.982 ng/ul

RT: 25.41 min Scan# 3714

Delta R.T. -0.01 min

Lab File: BG028038.D

Acq: 27 Jul 2017 22:27

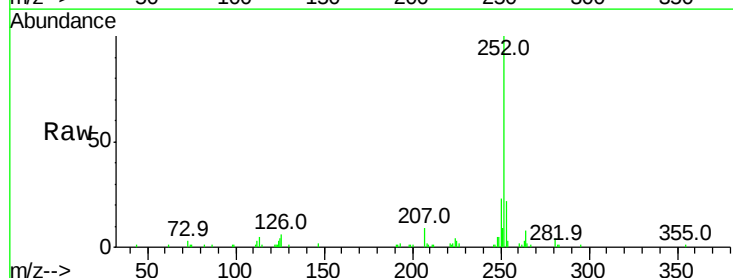
Tgt Ion:252 Resp: 88562

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

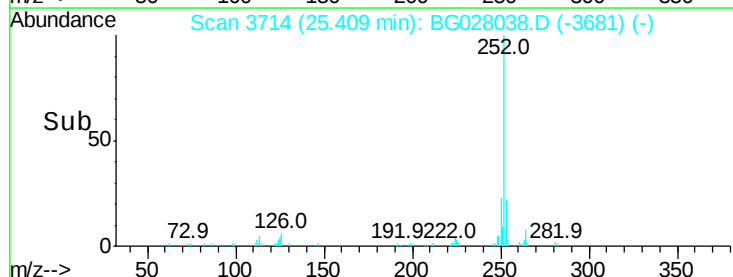
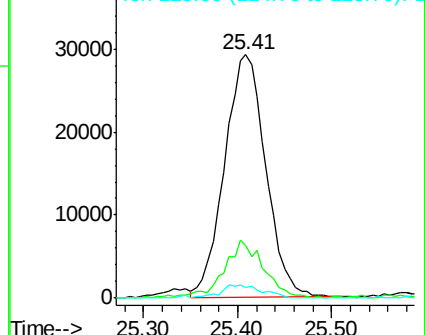
125 4.5 5.8 8.6#

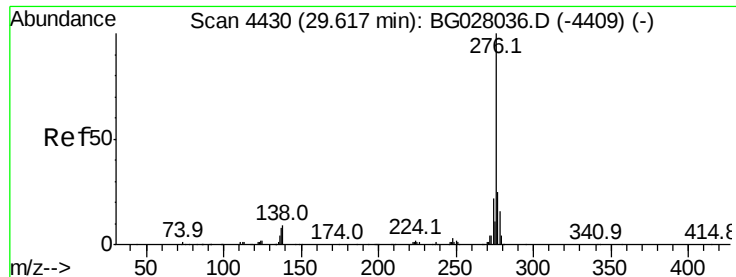


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



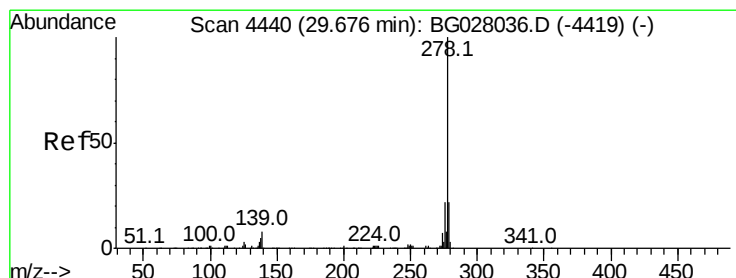
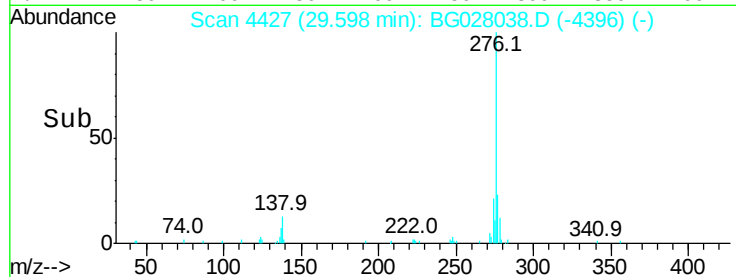
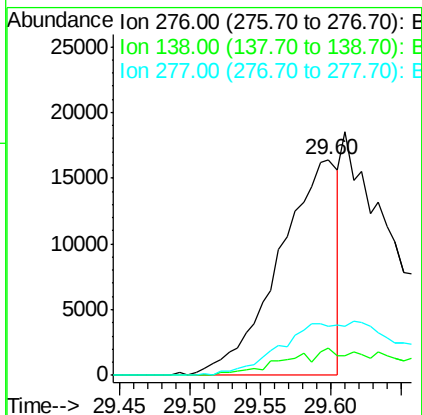
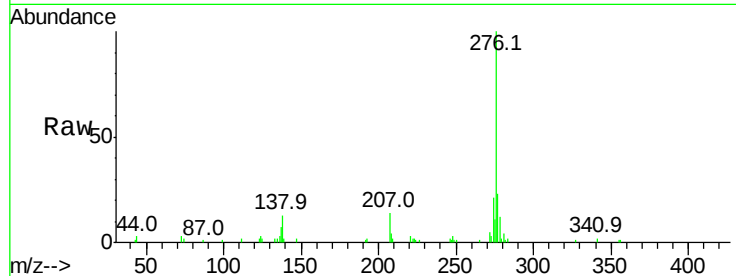


#92

Indeno(1,2,3-cd)pyrene  
 Concen: 1.753 ng/ul  
 RT: 29.60 min Scan# 4427  
 Delta R.T. -0.02 min  
 Lab File: BG028038.D  
 Acq: 27 Jul 2017 22:27

Instrument :  
 BNA\_G  
 ClientSampled :

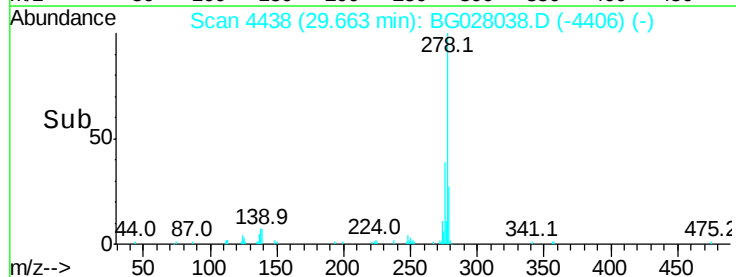
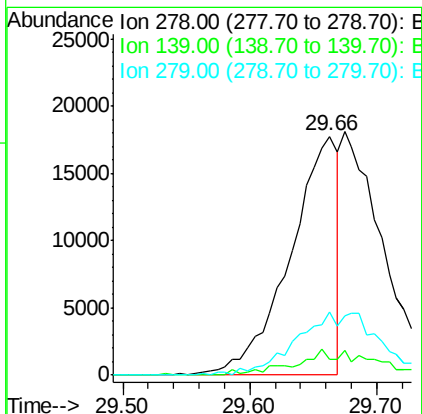
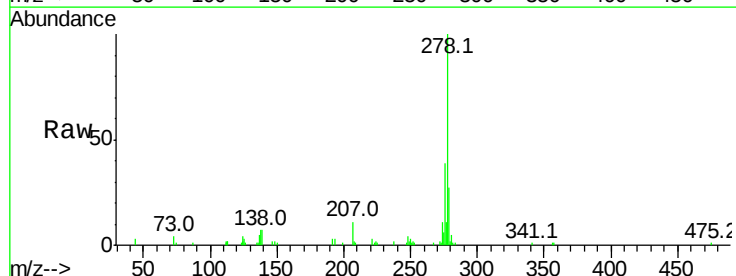
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 12.9  | 10.9  | 16.3  |
| 277     | 22.8  | 18.9  | 28.3  |

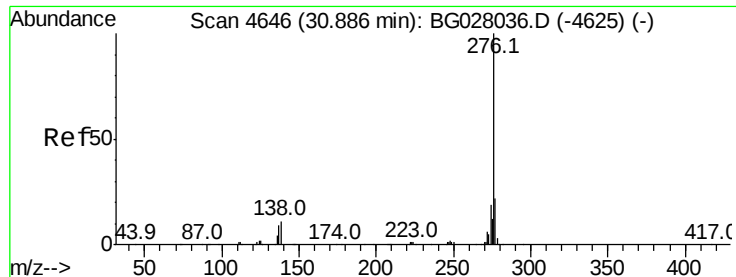


#93

Dibenzo(a,h)anthracene  
 Concen: 2.012 ng/ul  
 RT: 29.66 min Scan# 4438  
 Delta R.T. -0.01 min  
 Lab File: BG028038.D  
 Acq: 27 Jul 2017 22:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 6.6   | 9.0   | 13.4# |
| 279     | 26.7  | 19.1  | 28.7  |





#94

Benzo(a,h,i)perylene

Concen: 3.900 ng/ul

RT: 30.87 min Scan# 4644

Delta R.T. -0.01 min

Lab File: BG028038.D

Acq: 27 Jul 2017 22:27

Instrument :

BNA\_G

ClientSampleId :

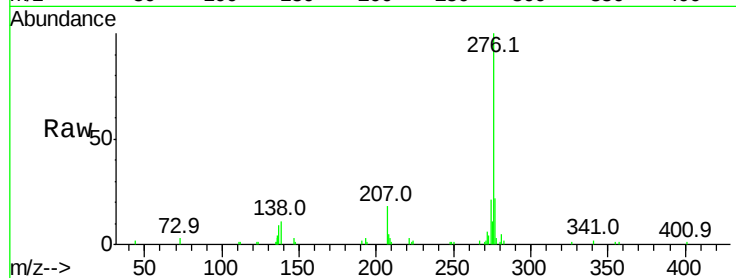
Tot Ion:276 Resp: 87254

Ion Ratio Lower Upper

276 100

138 11.4 11.2 16.8

277 21.9 19.0 28.6



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

