

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\  
 Data File : BG036651.D  
 Acq On : 11 Sep 2018 8:00  
 Operator : JU/SJ  
 Sample : PB12716BS  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Sep 11 11:11:27 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 31 13:03:20 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.05  | 152  | 61612    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.86 | 136  | 258322   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.68 | 164  | 172484   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.42 | 188  | 435635   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.69 | 240  | 452743   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.90 | 264  | 474671   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.63  | 112 | 385332  | 99.21  | ng | 0.00 |
| 7) Phenol-d6             | 7.21  | 99  | 534048  | 96.04  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.22  | 82  | 479919  | 100.80 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.17 | 330 | 224797  | 109.22 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.30 | 172 | 1098176 | 90.91  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.03 | 244 | 1797023 | 92.77  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |         |    | Qvalue |
|--------------------------------|-------|-----|--------|---------|----|--------|
| 2) 1,4-Dioxane                 | 3.53  | 88  | 56106  | 30.953  | ng | 97     |
| 3) Pyridine                    | 3.92  | 79  | 175288 | 34.452  | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.84  | 42  | 96887  | 42.753  | ng | 90     |
| 6) Aniline                     | 7.38  | 93  | 258921 | 36.682  | ng | 96     |
| 8) 2-Chlorophenol              | 7.62  | 128 | 195153 | 46.333  | ng | 98     |
| 9) Benzaldehyde                | 7.19  | 77  | 109140 | 28.500  | ng | 94     |
| 10) Phenol                     | 7.24  | 94  | 275728 | 47.380  | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.48  | 93  | 187739 | 40.692  | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.95  | 146 | 195058 | 40.557  | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 8.09  | 146 | 199337 | 41.051  | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 8.41  | 146 | 187892 | 40.517  | ng | 97     |
| 15) Benzyl Alcohol             | 8.29  | 79  | 196906 | 43.924  | ng | 100    |
| 16) 2,2'-oxybis(1-Chloropropan | 8.58  | 45  | 358655 | 38.548  | ng | 99     |
| 17) 2-Methylphenol             | 8.49  | 107 | 184080 | 47.638  | ng | 98     |
| 18) Hexachloroethane           | 9.14  | 117 | 73328  | 42.119  | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.86  | 70  | 163390 | 39.314  | ng | 95     |
| 20) 3+4-Methylphenols          | 8.82  | 107 | 251792 | 46.672  | ng | 98     |
| 22) Acetophenone               | 8.87  | 105 | 299913 | 44.213  | ng | 98     |
| 24) Nitrobenzene               | 9.26  | 77  | 242760 | 47.284  | ng | 99     |
| 25) Isophorone                 | 9.78  | 82  | 455269 | 48.135  | ng | 98     |
| 26) 2-Nitrophenol              | 9.97  | 139 | 108318 | 53.242  | ng | 97     |
| 27) 2,4-Dimethylphenol         | 10.03 | 122 | 203809 | 54.110  | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.26 | 93  | 268428 | 46.243  | ng | 96     |
| 29) 2,4-Dichlorophenol         | 10.50 | 162 | 218294 | 52.882  | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 10.72 | 180 | 220590 | 45.680  | ng | 97     |
| 31) Naphthalene                | 10.91 | 128 | 619986 | 48.012  | ng | 99     |
| 32) Benzoic acid               | 10.15 | 122 | 80871  | 30.737  | ng | 94     |
| 33) 4-Chloroaniline            | 11.01 | 127 | 186470 | 31.512  | ng | 99     |
| 34) Hexachlorobutadiene        | 11.20 | 225 | 149392 | 46.044  | ng | 97     |
| 35) Caprolactam                | 11.79 | 113 | 79488  | 48.338  | ng | 92     |
| 36) 4-Chloro-3-methylphenol    | 12.13 | 107 | 239017 | 49.832  | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.51 | 142 | 489489 | 51.805  | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.88 | 216 | 282051 | 46.208  | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 12.86 | 237 | 342897 | 107.968 | ng | 98     |

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 QLast Update : Fri Aug 31 13:03:20 2018  
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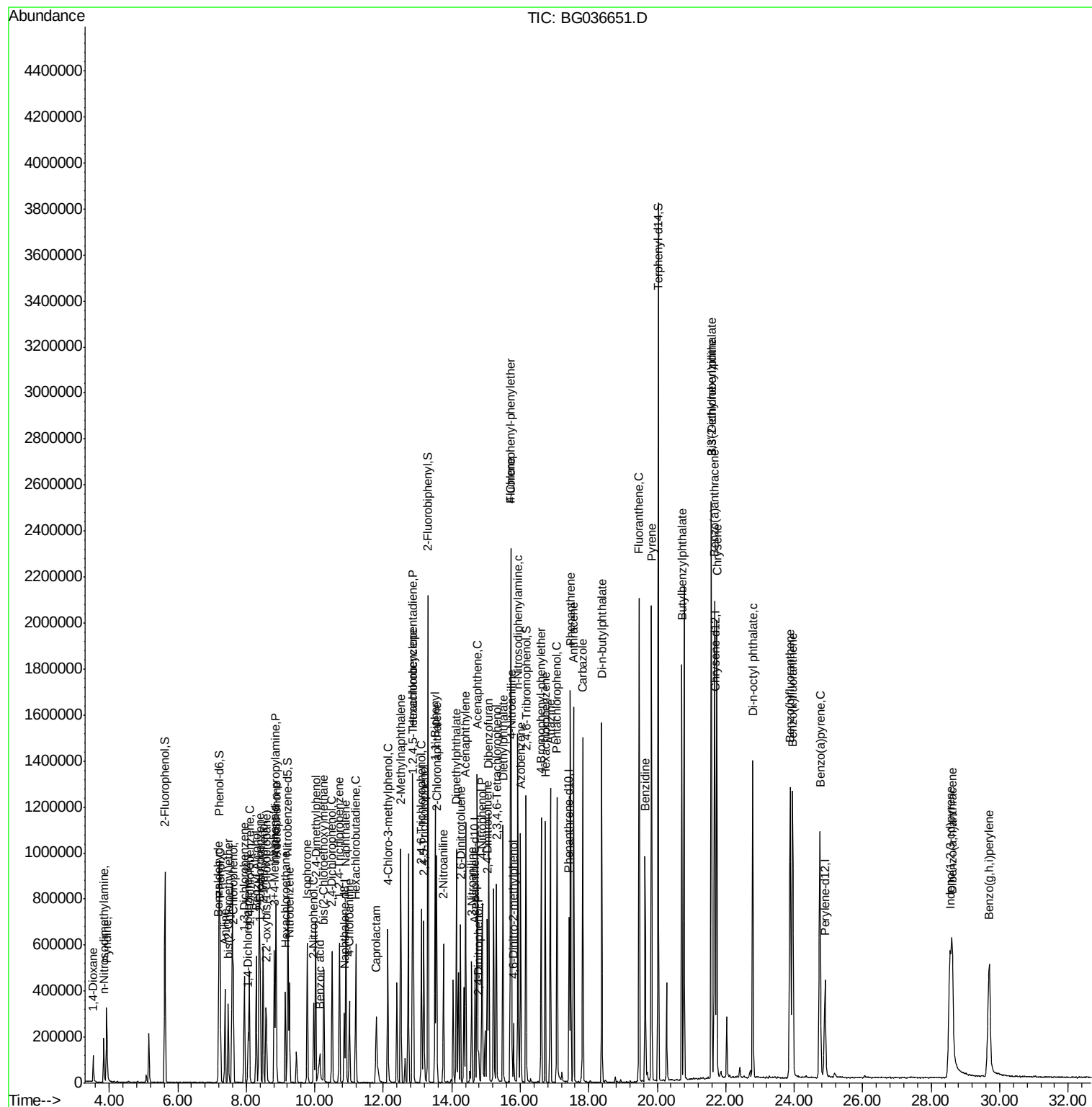
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| -----                          |       |      |          |        |       |          |
| 42) 2,4,6-Trichlorophenol      | 13.11 | 196  | 188762   | 50.766 | ng    | 97       |
| 43) 2,4,5-Trichlorophenol      | 13.19 | 196  | 205232   | 51.749 | ng    | 97       |
| 45) 1,1'-Biphenyl              | 13.52 | 154  | 625984   | 43.721 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 13.56 | 162  | 493701   | 45.168 | ng    | 99       |
| 47) 2-Nitroaniline             | 13.76 | 65   | 176942   | 51.552 | ng    | 98       |
| 48) Acenaphthylene             | 14.40 | 152  | 834958   | 48.879 | ng    | 100      |
| 49) Dimethylphthalate          | 14.13 | 163  | 658196   | 46.733 | ng    | 98       |
| 50) 2,6-Dinitrotoluene         | 14.25 | 165  | 148333   | 51.182 | ng    | 92       |
| 51) Acenaphthene               | 14.74 | 154  | 510661   | 46.678 | ng    | 98       |
| 52) 3-Nitroaniline             | 14.58 | 138  | 127977   | 40.977 | ng    | # 98     |
| 53) 2,4-Dinitrophenol          | 14.79 | 184  | 48878    | 44.525 | ng    | 92       |
| 54) Dibenzofuran               | 15.08 | 168  | 796196   | 46.454 | ng    | 99       |
| 55) 4-Nitrophenol              | 14.89 | 139  | 211581   | 82.857 | ng    | 99       |
| 56) 2,4-Dinitrotoluene         | 15.04 | 165  | 205613   | 54.436 | ng    | 90       |
| 57) Fluorene                   | 15.73 | 166  | 631438   | 49.281 | ng    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.30 | 232  | 201717   | 54.135 | ng    | 96       |
| 59) Diethylphthalate           | 15.50 | 149  | 651719   | 45.915 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.71 | 204  | 367409   | 46.438 | ng    | 99       |
| 61) 4-Nitroaniline             | 15.74 | 138  | 159616   | 48.840 | ng    | 97       |
| 62) Azobenzene                 | 16.01 | 77   | 646887   | 44.792 | ng    | 99       |
| 64) 4,6-Dinitro-2-methylphenol | 15.80 | 198  | 65934    | 34.454 | ng    | 94       |
| 65) n-Nitrosodiphenylamine     | 15.93 | 169  | 587043   | 45.352 | ng    | 97       |
| 66) 4-Bromophenyl-phenylether  | 16.61 | 248  | 246258   | 48.282 | ng    | 99       |
| 67) Hexachlorobenzene          | 16.73 | 284  | 244948   | 46.967 | ng    | 99       |
| 68) Atrazine                   | 16.88 | 200  | 248612   | 51.170 | ng    | 99       |
| 69) Pentachlorophenol          | 17.07 | 266  | 253842   | 71.615 | ng    | 97       |
| 70) Phenanthrene               | 17.46 | 178  | 1069836  | 48.330 | ng    | 98       |
| 71) Anthracene                 | 17.56 | 178  | 1083841  | 49.119 | ng    | 98       |
| 72) Carbazole                  | 17.82 | 167  | 961080   | 43.613 | ng    | 99       |
| 73) Di-n-butylphthalate        | 18.38 | 149  | 1092127  | 44.505 | ng    | 99       |
| 74) Fluoranthene               | 19.47 | 202  | 1314035  | 48.689 | ng    | 99       |
| 76) Benzidine                  | 19.65 | 184  | 613766   | 42.491 | ng    | 99       |
| 77) Pyrene                     | 19.83 | 202  | 1287062  | 46.229 | ng    | 98       |
| 79) Butylbenzylphthalate       | 20.71 | 149  | 518116   | 46.762 | ng    | 96       |
| 80) Benzo(a)anthracene         | 21.67 | 228  | 1315438  | 47.960 | ng    | 97       |
| 81) 3,3'-Dichlorobenzidine     | 21.58 | 252  | 371702   | 34.004 | ng    | 100      |
| 82) Chrysene                   | 21.74 | 228  | 1232260  | 47.398 | ng    | 96       |
| 83) Bis(2-ethylhexyl)phthalate | 21.58 | 149  | 711474   | 45.887 | ng    | 98       |
| 84) Di-n-octyl phthalate       | 22.79 | 149  | 1205099  | 46.533 | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.54 | 276  | 1346143  | 44.580 | ng    | 96       |
| 87) Benzo(b)fluoranthene       | 23.88 | 252  | 1343933  | 50.987 | ng    | 97       |
| 88) Benzo(k)fluoranthene       | 23.95 | 252  | 1272749  | 49.425 | ng    | 99       |
| 89) Benzo(a)pyrene             | 24.75 | 252  | 1281651  | 50.601 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 28.61 | 278  | 1065695  | 43.583 | ng    | 97       |
| 91) Benzo(g,h,i)perylene       | 29.69 | 276  | 1125433  | 45.800 | ng    | 96       |
| -----                          |       |      |          |        |       |          |

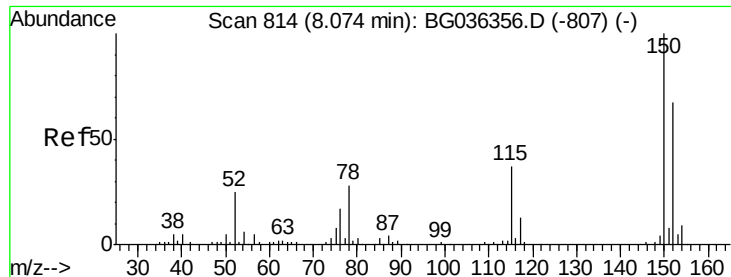
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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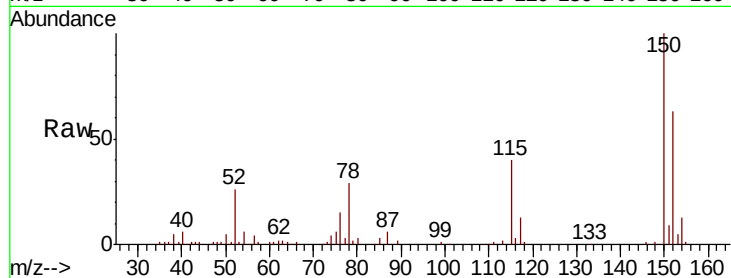


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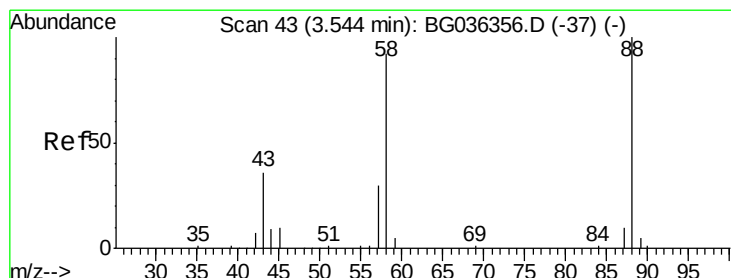
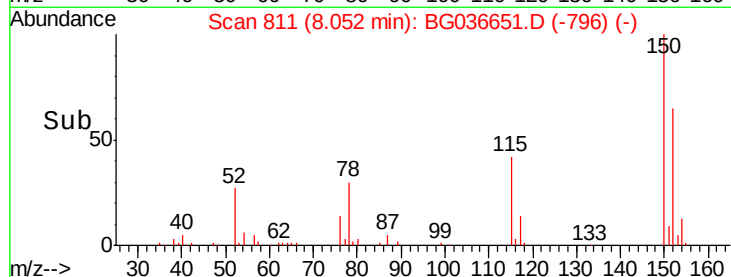
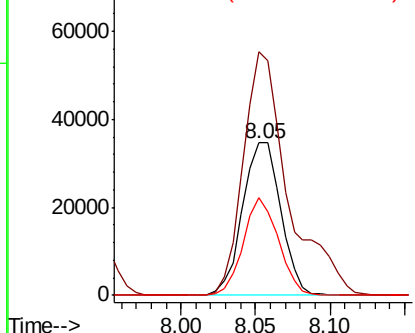
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.05 min Scan# 811  
Delta R.T. -0.01 min  
Lab File: BG036651.D  
Acq: 11 Sep 2018 8:00

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:152 Resp: 61612  
Ion Ratio Lower Upper  
152 100  
150 159.7 119.5 179.3  
115 63.7 44.5 66.7



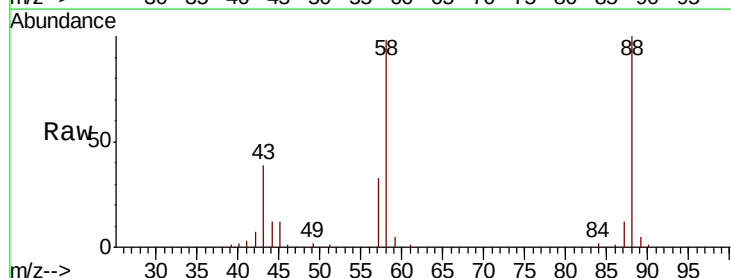
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



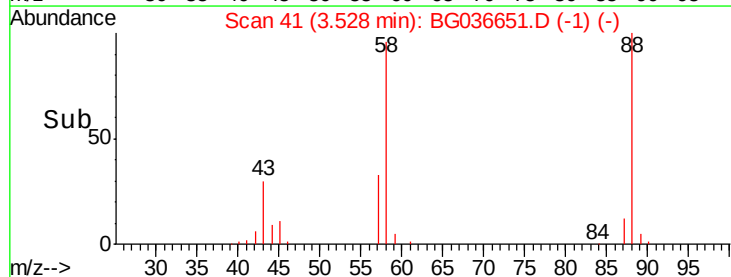
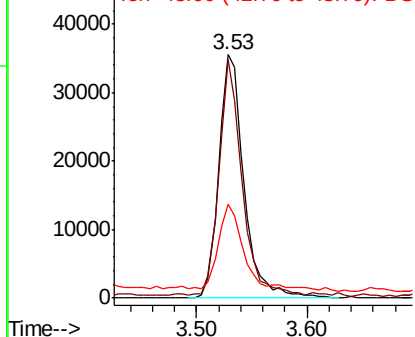
#2

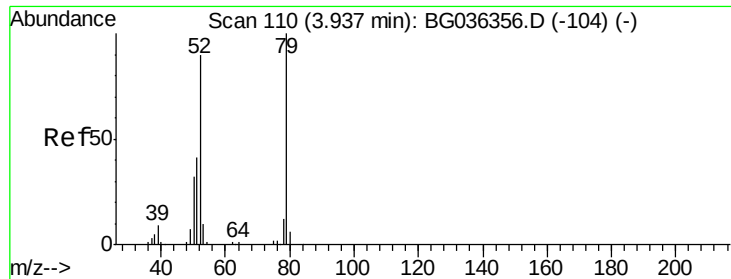
1,4-Dioxane  
Concen: 30.953 ng  
RT: 3.53 min Scan# 41  
Delta R.T. -0.01 min  
Lab File: BG036651.D  
Acq: 11 Sep 2018 8:00

Tgt Ion: 88 Resp: 56106  
Ion Ratio Lower Upper  
88 100  
58 88.0 72.6 109.0  
43 35.0 29.0 43.4



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





#3

Pvridine

Concen: 34.452 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG036651.D

Acq: 11 Sep 2018 8:00

Instrument :

BNA\_G

ClientSampled :

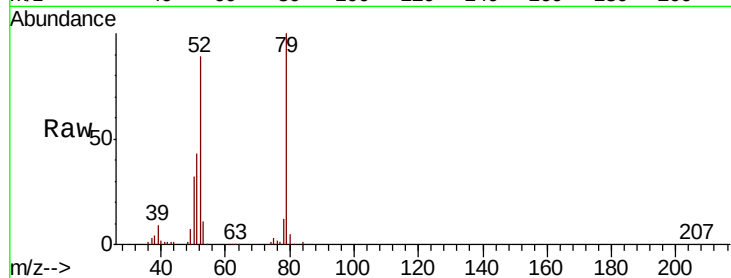
Tot Ion: 79 Resp: 175288

Ion Ratio Lower Upper

79 100

52 88.8 72.3 108.5

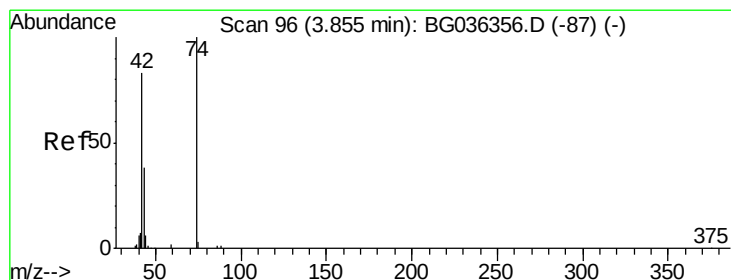
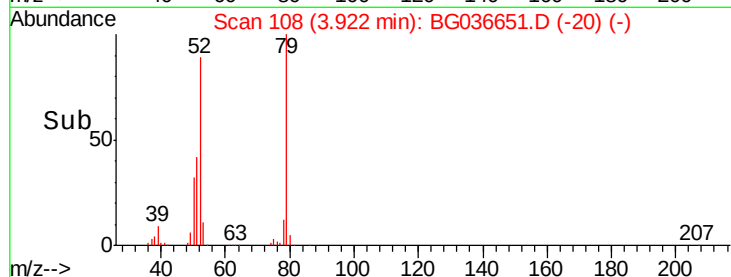
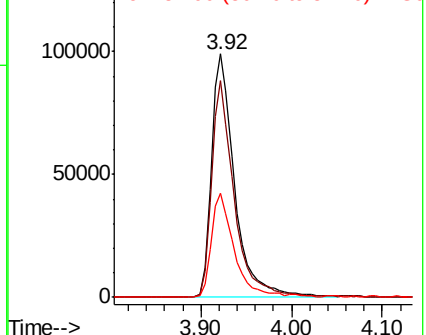
51 42.7 33.8 50.6



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 42.753 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.01 min

Lab File: BG036651.D

Acq: 11 Sep 2018 8:00

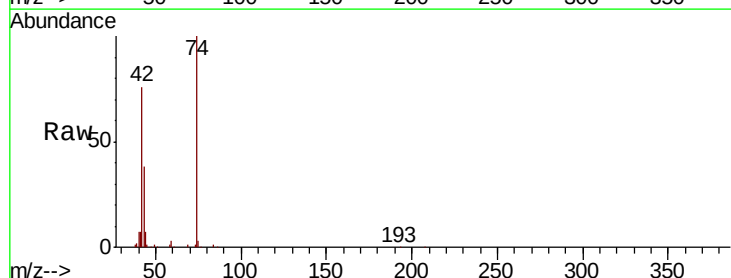
Tgt Ion: 42 Resp: 96887

Ion Ratio Lower Upper

42 100

74 132.1 96.6 145.0

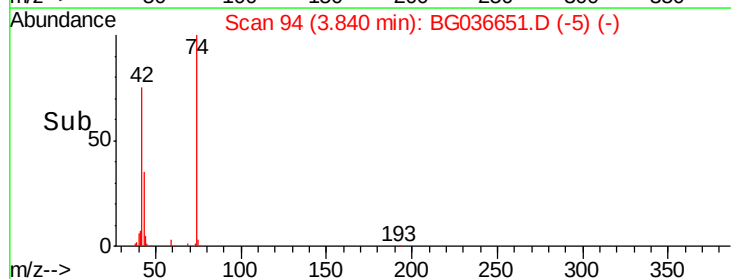
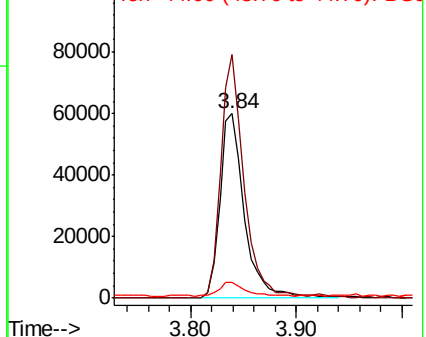
44 8.9 7.0 10.4

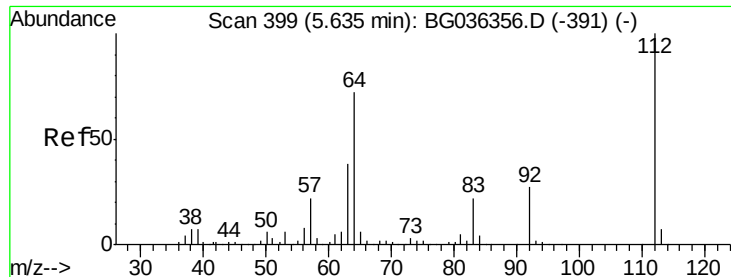


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 99.210 ng

RT: 5.63 min Scan# 398

Delta R.T. 0.00 min

Lab File: BG036651.D

Acq: 11 Sep 2018 8:00

Instrument :

BNA\_G

ClientSampleId :

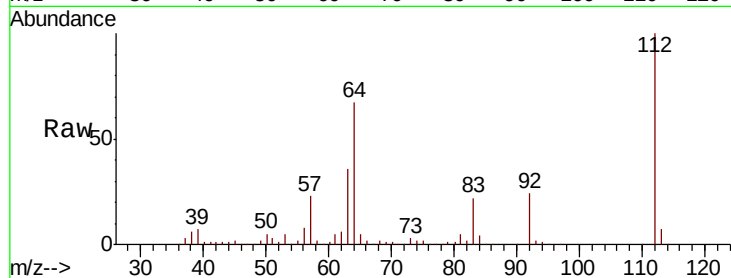
Tot Ion:112 Resp: 385332

Ion Ratio Lower Upper

112 100

64 66.6 57.2 85.8

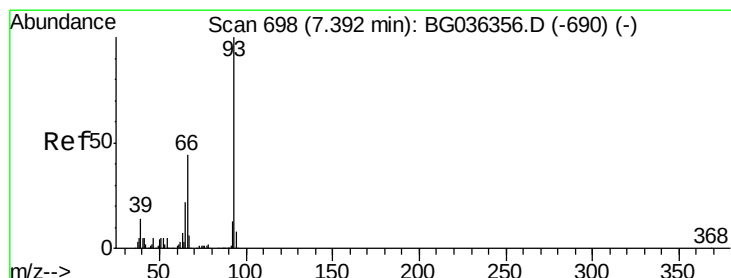
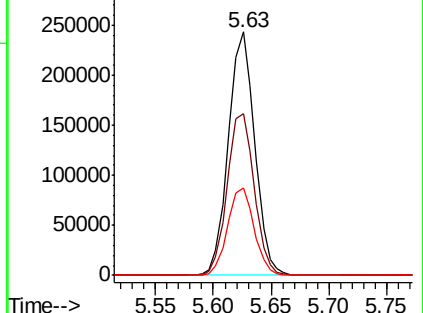
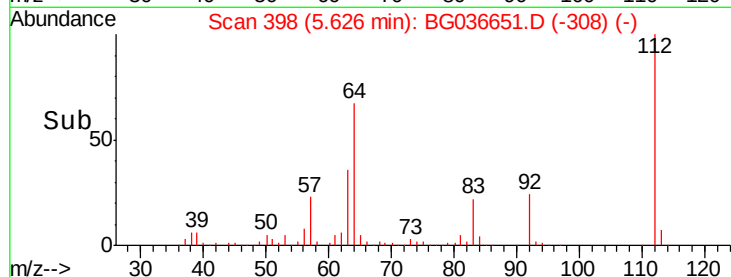
63 35.8 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 36.682 ng

RT: 7.38 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG036651.D

Acq: 11 Sep 2018 8:00

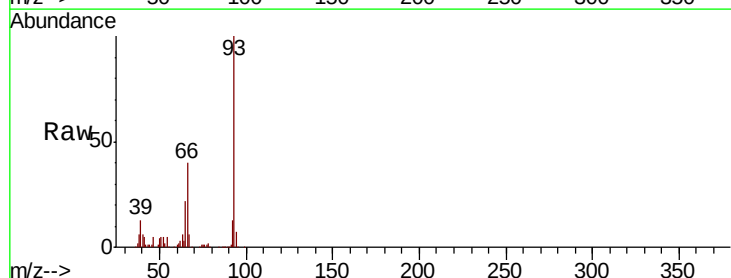
Tgt Ion: 93 Resp: 258921

Ion Ratio Lower Upper

93 100

66 39.8 35.0 52.4

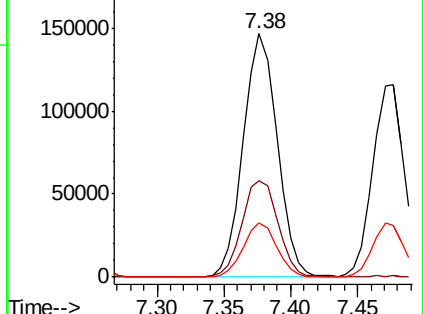
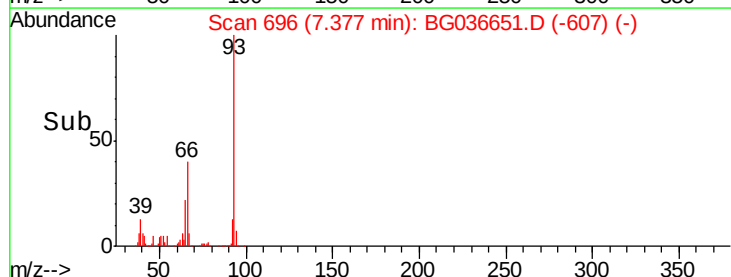
65 22.1 17.6 26.4

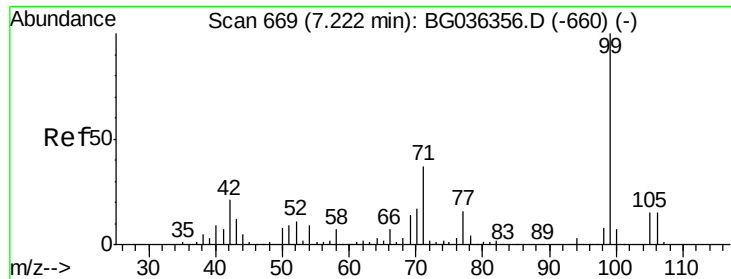


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 96.035 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036651.D

Acq: 11 Sep 2018 8:00

Instrument :

BNA\_G

ClientSampled :

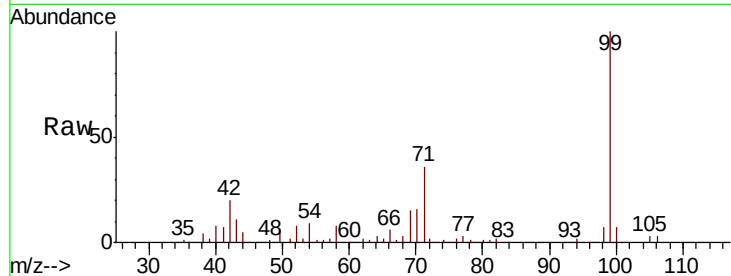
Tot Ion: 99 Resp: 534048

Ion Ratio Lower Upper

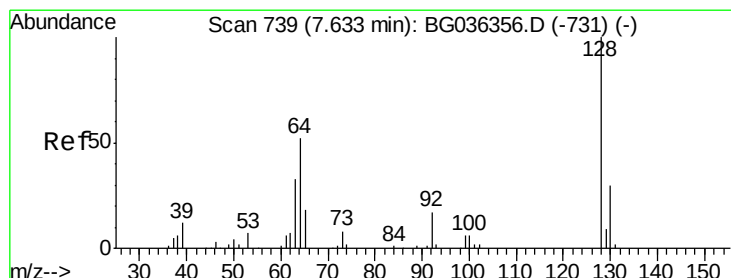
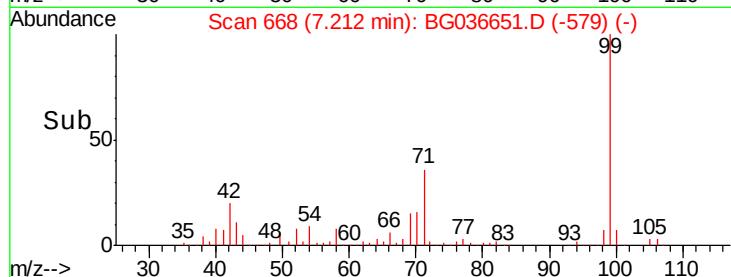
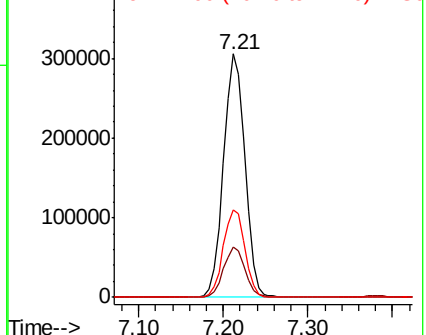
99 100

42 20.5 16.5 24.7

71 36.0 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 46.333 ng

RT: 7.62 min Scan# 737

Delta R.T. -0.01 min

Lab File: BG036651.D

Acq: 11 Sep 2018 8:00

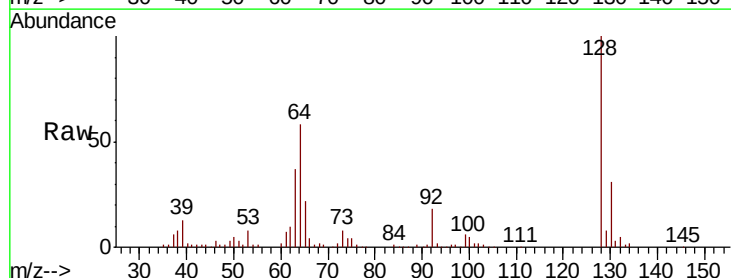
Tgt Ion: 128 Resp: 195153

Ion Ratio Lower Upper

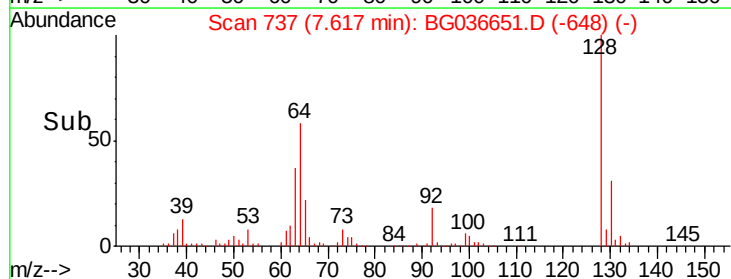
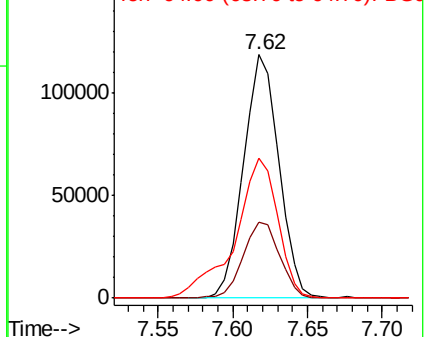
128 100

130 31.4 10.0 50.0

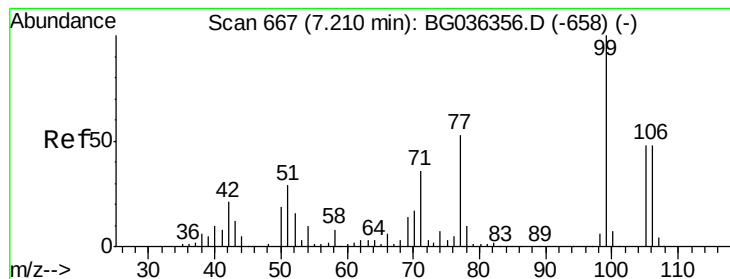
64 57.5 36.0 76.0



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







#9

Benzaldehyde

Concen: 28.500 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036651.D

Acq: 11 Sep 2018 8:00

Instrument :

BNA\_G

ClientSampled :

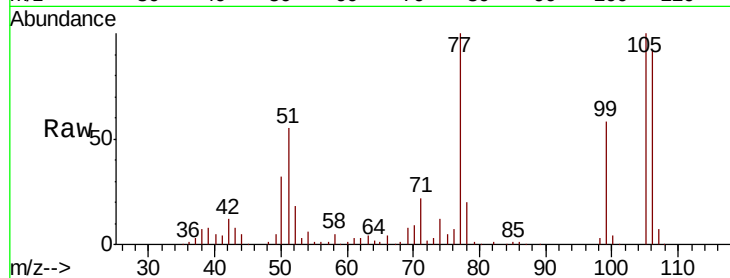
Tot Ion: 77 Resp: 109140

Ion Ratio Lower Upper

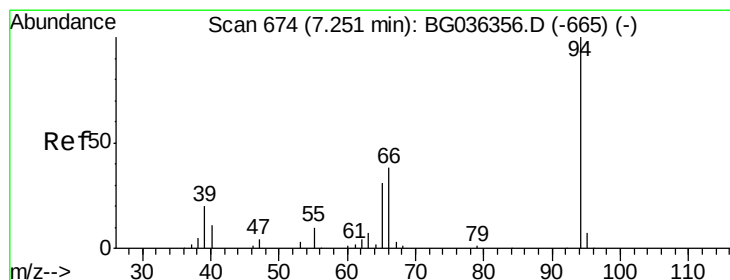
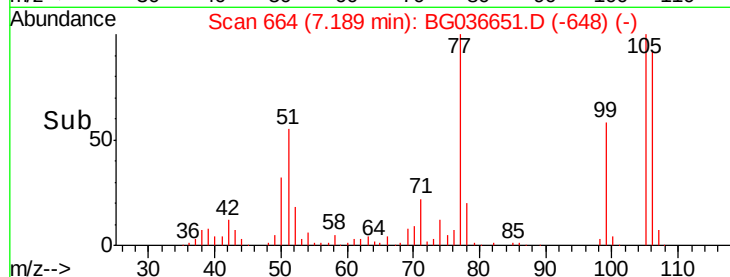
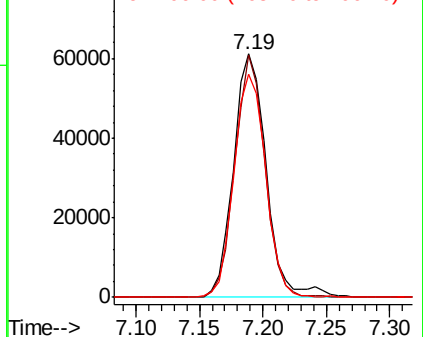
77 100

105 99.8 70.5 110.5

106 91.8 69.8 109.8



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



#10

Phenol

Concen: 47.380 ng

RT: 7.24 min Scan# 673

Delta R.T. 0.00 min

Lab File: BG036651.D

Acq: 11 Sep 2018 8:00

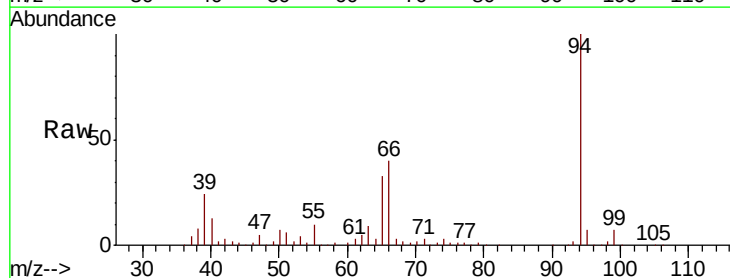
Tgt Ion: 94 Resp: 275728

Ion Ratio Lower Upper

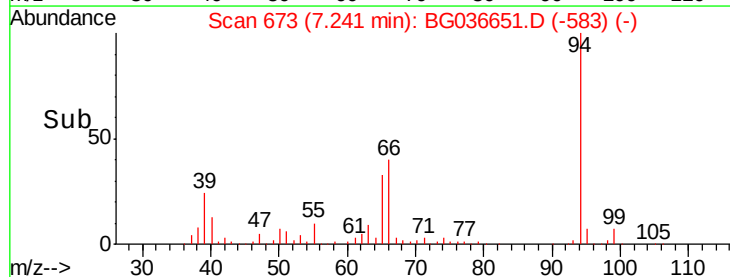
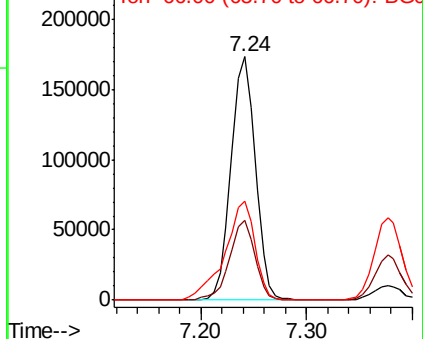
94 100

65 32.6 11.5 51.5

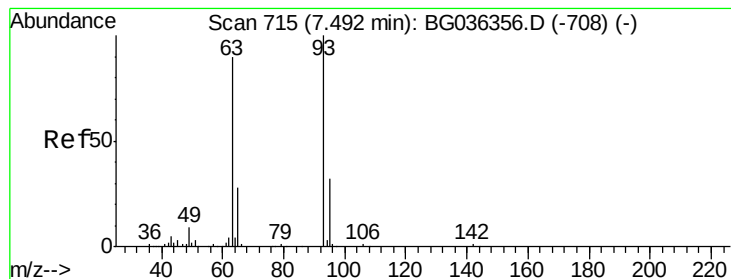
66 40.5 19.5 59.5



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



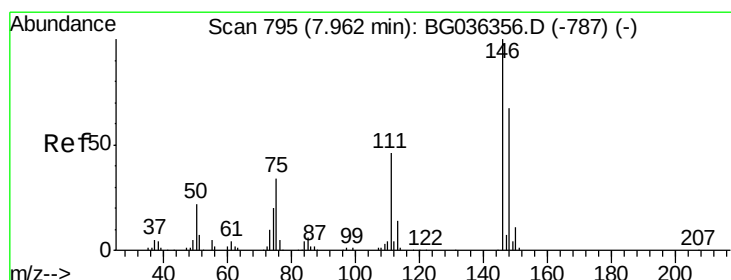
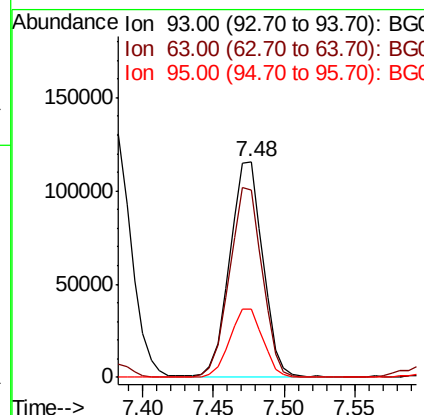
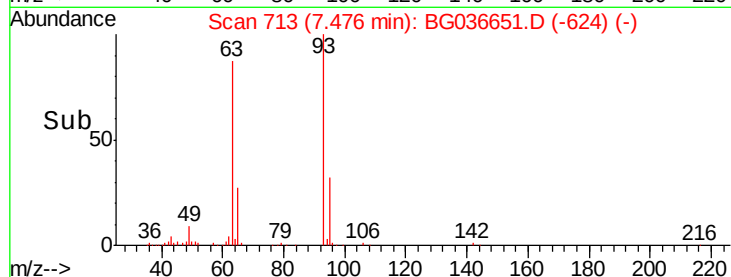
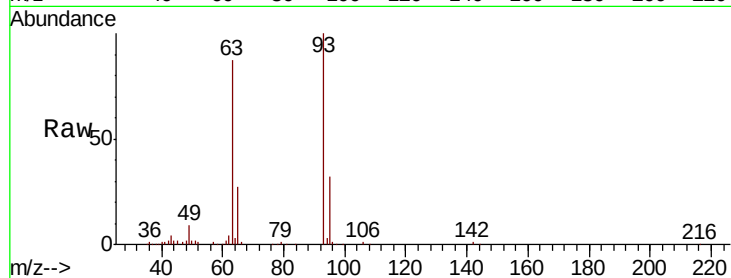




#11  
bis(2-Chloroethyl)ether  
Concen: 40.692 ng  
RT: 7.48 min Scan# 713  
Delta R.T. -0.01 min  
Lab File: BG036651.D  
Acq: 11 Sep 2018 8:00

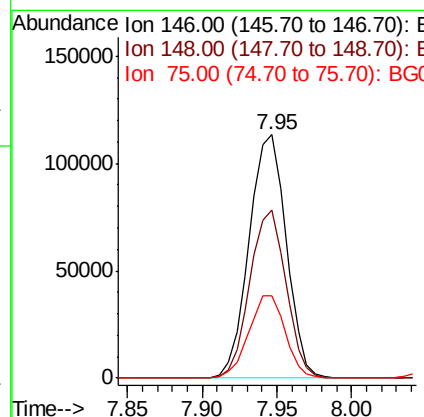
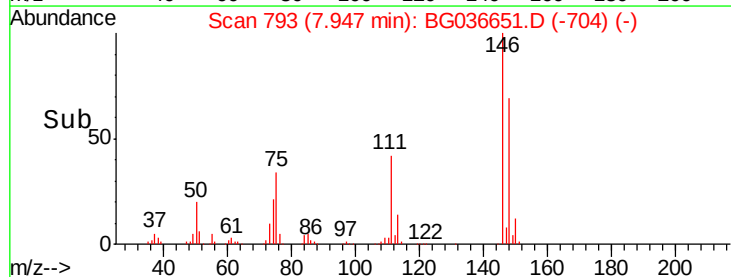
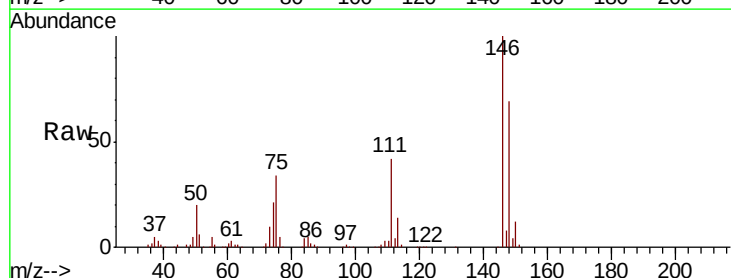
Instrument :  
BNA\_G  
ClientSampleId :

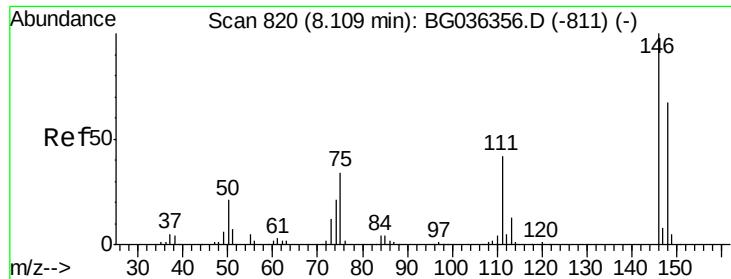
Tot Ion: 93 Resp: 187739  
Ion Ratio Lower Upper  
93 100  
63 86.8 69.9 109.9  
95 31.8 11.7 51.7



#12  
1,3-Dichlorobenzene  
Concen: 40.557 ng  
RT: 7.95 min Scan# 793  
Delta R.T. -0.01 min  
Lab File: BG036651.D  
Acq: 11 Sep 2018 8:00

Tgt Ion: 146 Resp: 195058  
Ion Ratio Lower Upper  
146 100  
148 69.1 53.8 80.6  
75 33.8 27.2 40.8

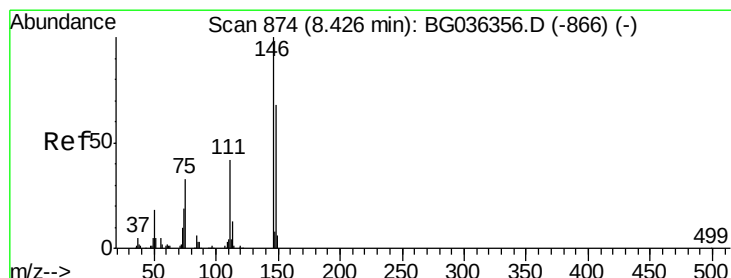
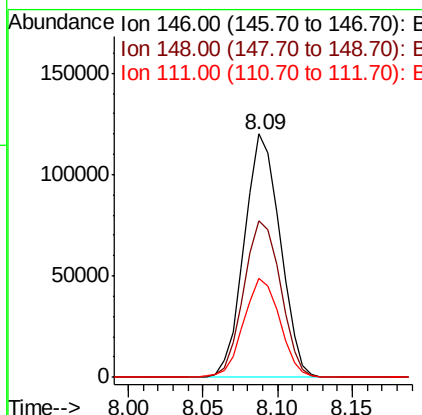
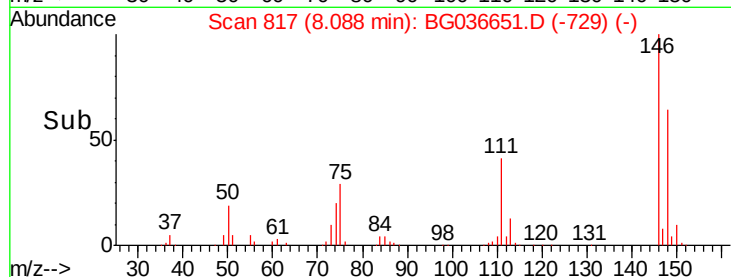
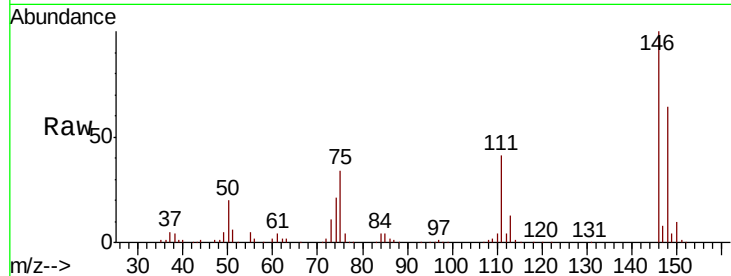




#13  
 1,4-Dichlorobenzene  
 Concen: 41.051 ng  
 RT: 8.09 min Scan# 817  
 Delta R.T. -0.01 min  
 Lab File: BG036651.D  
 Acq: 11 Sep 2018 8:00

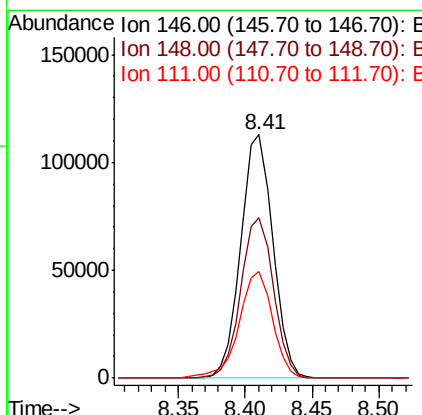
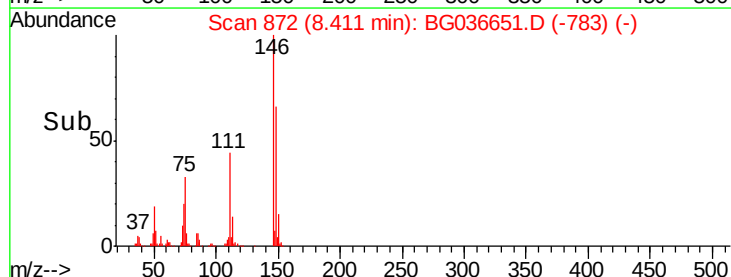
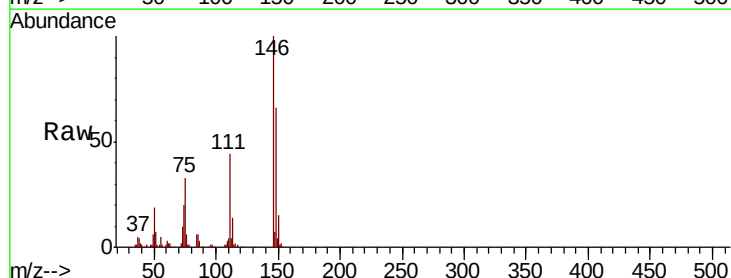
Instrument :  
 BNA\_G  
 ClientSampleId :

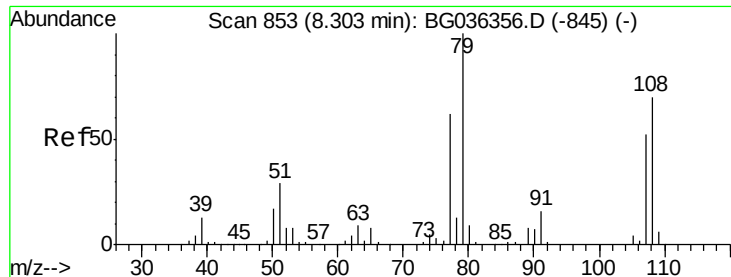
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.4  | 53.9  | 80.9  |
| 111     | 40.7  | 33.8  | 50.6  |



#14  
 1,2-Dichlorobenzene  
 Concen: 40.517 ng  
 RT: 8.41 min Scan# 872  
 Delta R.T. -0.01 min  
 Lab File: BG036651.D  
 Acq: 11 Sep 2018 8:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.0  | 55.0  | 82.6  |
| 111     | 43.9  | 34.6  | 51.8  |





#15

Benzyl Alcohol

Concen: 43.924 ng

RT: 8.29 min Scan# 851

Delta R.T. -0.01 min

Lab File: BG036651.D

Acq: 11 Sep 2018 8:00

Instrument :

BNA\_G

ClientSampleId :

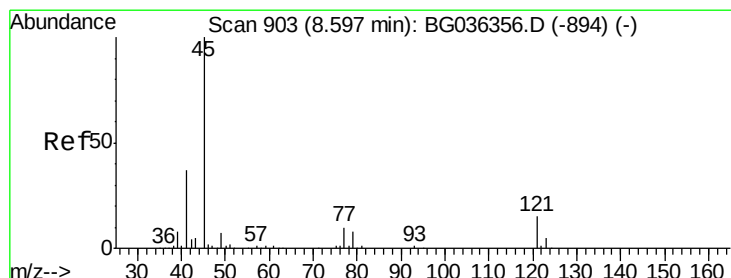
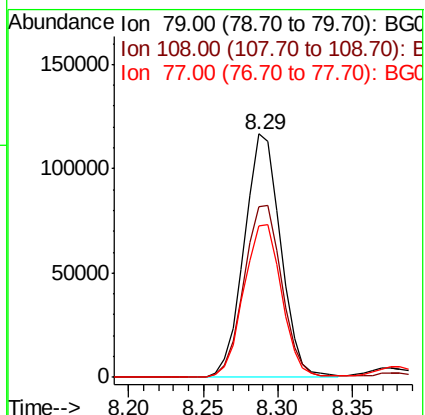
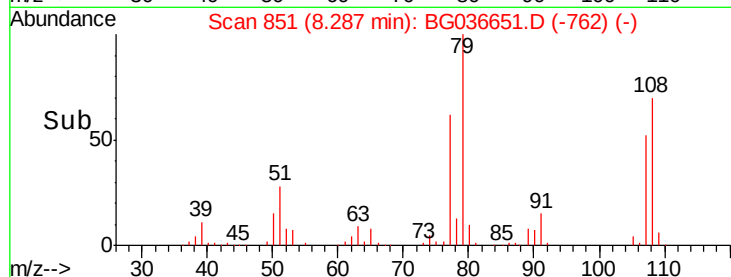
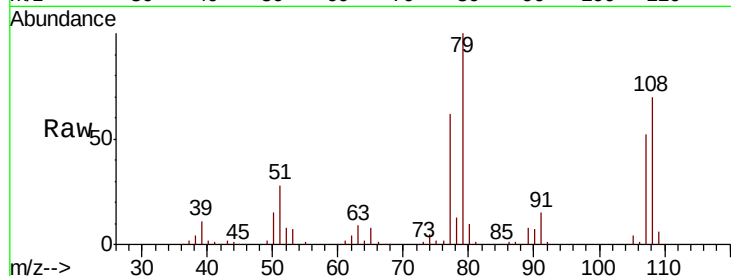
Tot Ion: 79 Resp: 196906

Ion Ratio Lower Upper

79 100

108 70.1 55.9 83.9

77 62.1 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.548 ng

RT: 8.58 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG036651.D

Acq: 11 Sep 2018 8:00

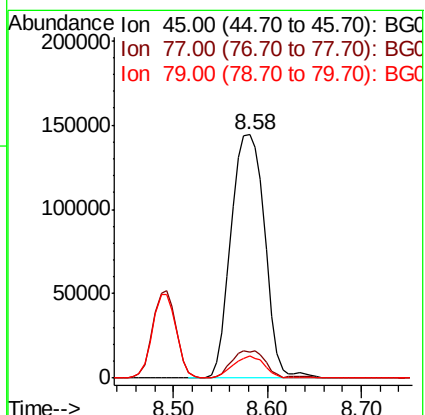
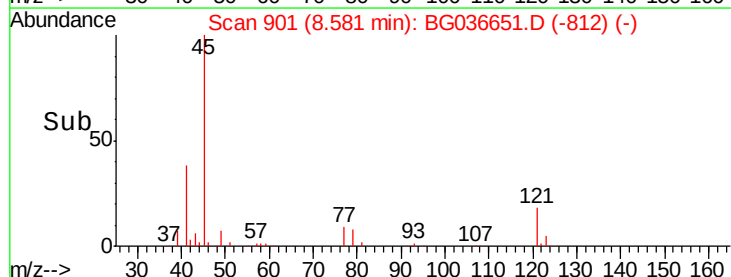
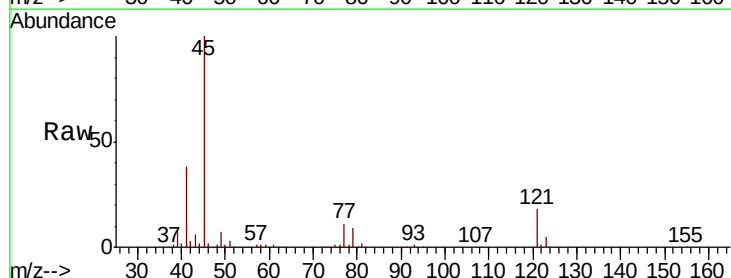
Tgt Ion: 45 Resp: 358655

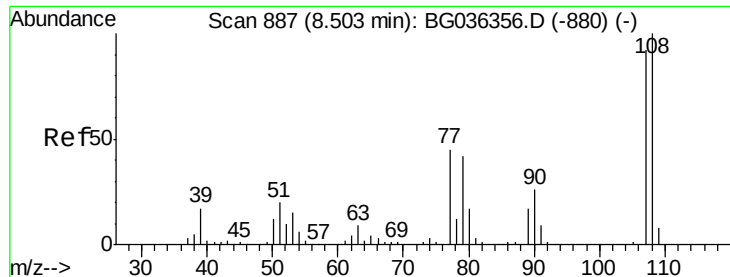
Ion Ratio Lower Upper

45 100

77 10.6 0.0 30.5

79 8.9 0.0 27.9

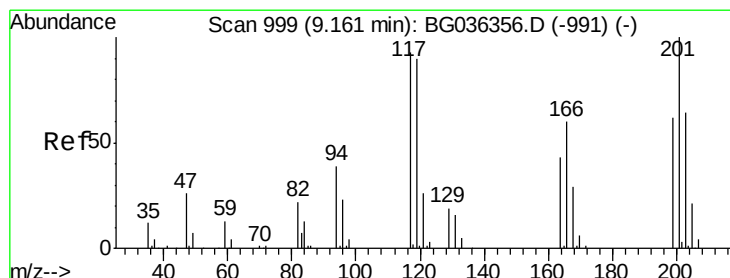
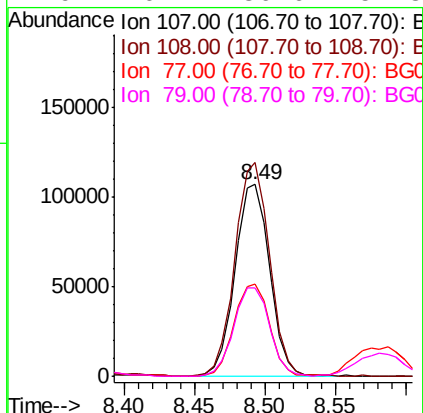
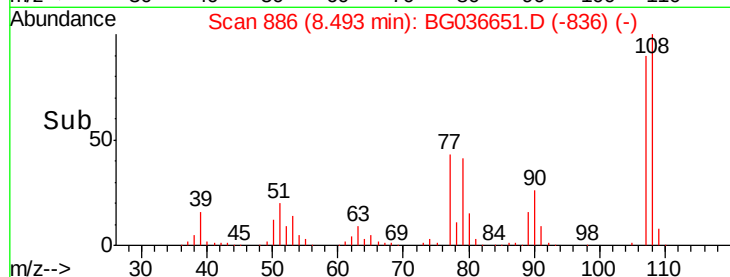
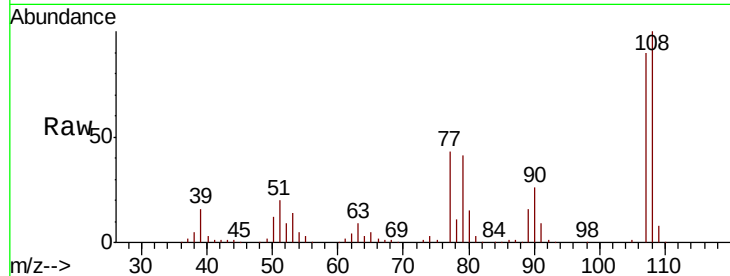




#17  
2-Methylphenol  
Concen: 47.638 ng  
RT: 8.49 min Scan# 886  
Delta R.T. -0.01 min  
Lab File: BG036651.D  
Acq: 11 Sep 2018 8:00

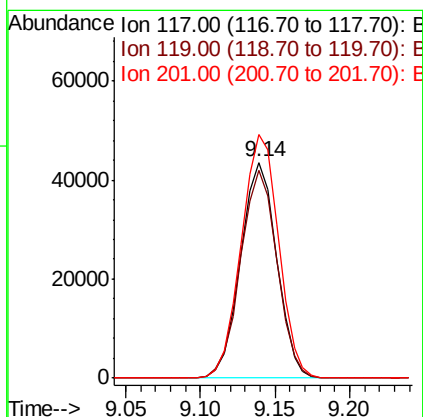
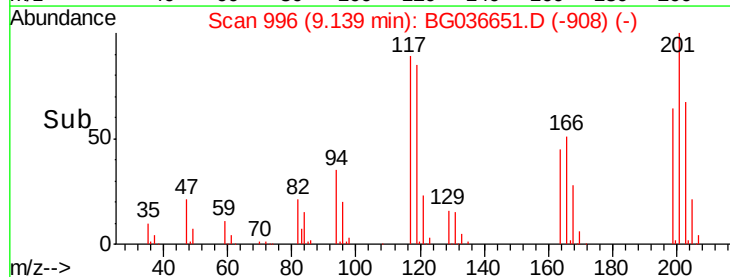
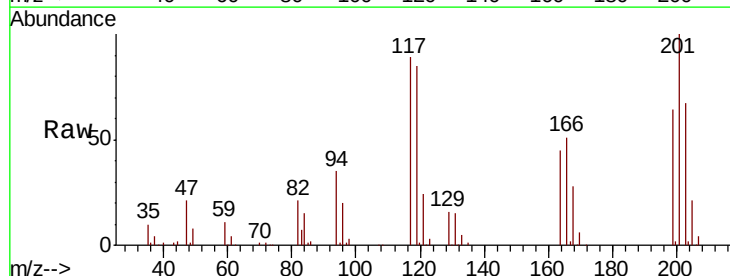
Instrument :  
BNA\_G  
ClientSampleId :

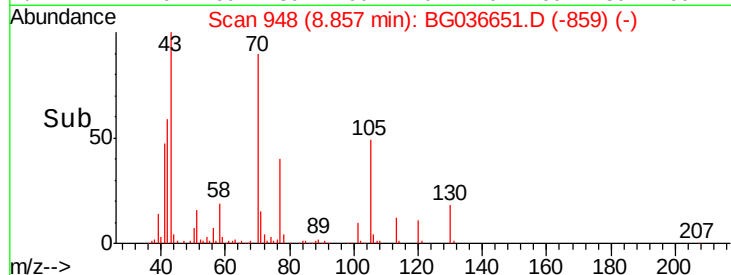
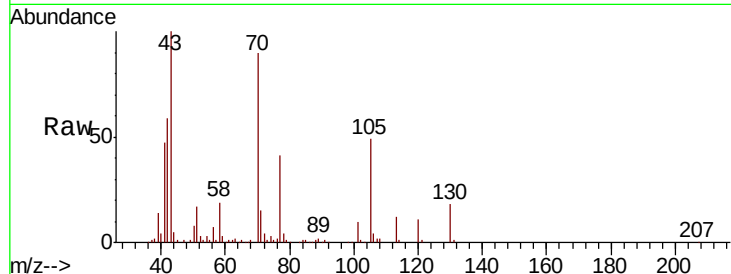
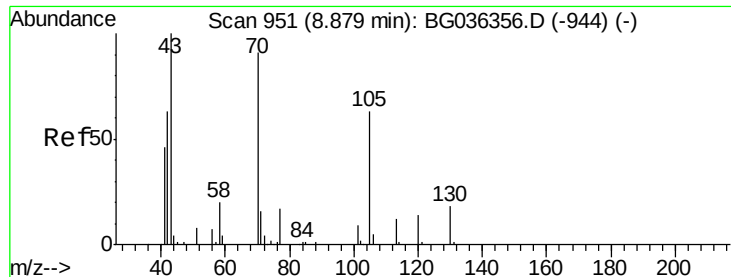
Tot Ion:107 Resp: 184080  
Ion Ratio Lower Upper  
107 100  
108 111.2 86.7 130.1  
77 48.2 39.0 58.4  
79 46.1 36.6 54.8



#18  
Hexachloroethane  
Concen: 42.119 ng  
RT: 9.14 min Scan# 996  
Delta R.T. -0.01 min  
Lab File: BG036651.D  
Acq: 11 Sep 2018 8:00

Tgt Ion:117 Resp: 73328  
Ion Ratio Lower Upper  
117 100  
119 96.3 76.8 115.2  
201 113.0 85.7 128.5

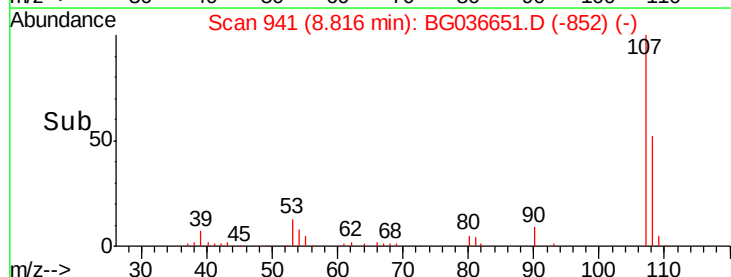
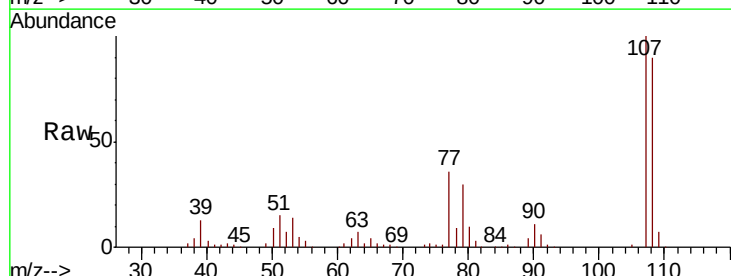
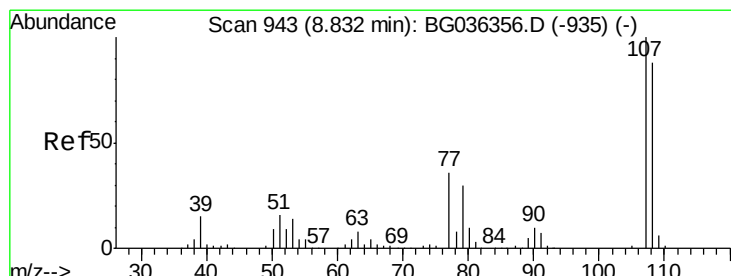
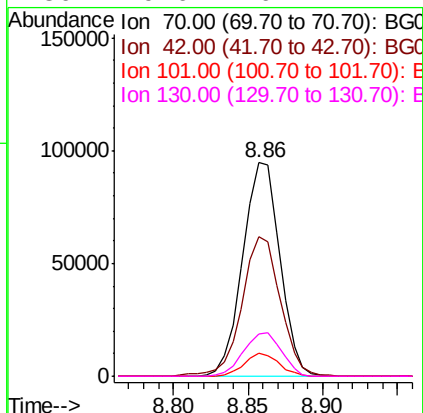




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.314 ng  
RT: 8.86 min Scan# 948  
Delta R.T. -0.01 min  
Lab File: BG036651.D  
Acq: 11 Sep 2018 8:00

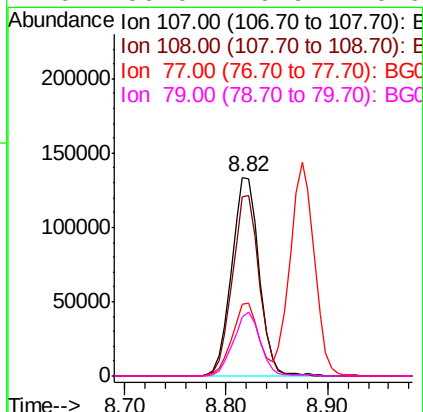
Instrument :  
BNA\_G  
ClientSampled :

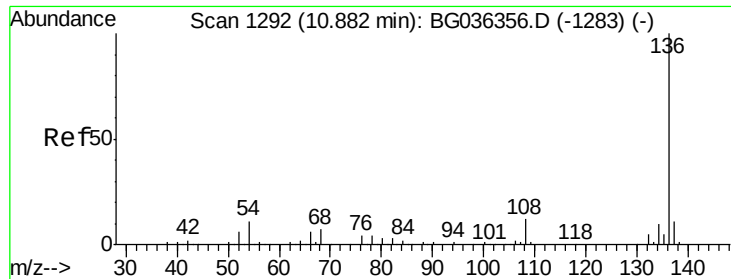
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 163390 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 65.3  | 56.2  | 84.4   |
| 101      | 10.7  | 7.8   | 11.6   |
| 130      | 19.6  | 16.2  | 24.2   |



#20  
3+4-Methylphenols  
Concen: 46.672 ng  
RT: 8.82 min Scan# 941  
Delta R.T. -0.01 min  
Lab File: BG036651.D  
Acq: 11 Sep 2018 8:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 251792 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.9  | 68.0  | 108.0  |
| 77       | 36.4  | 15.6  | 55.6   |
| 79       | 30.0  | 9.9   | 49.9   |

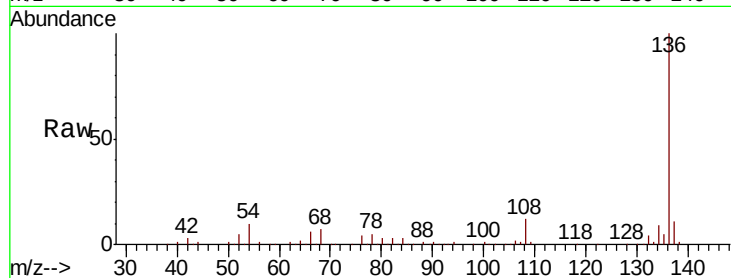




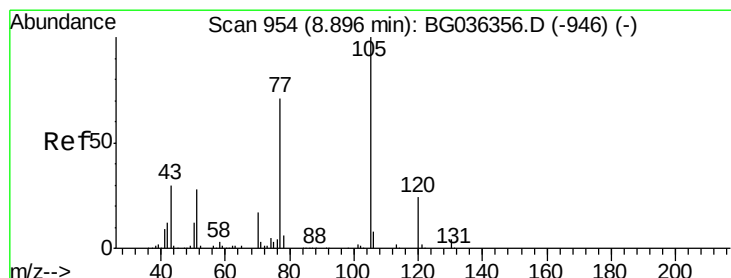
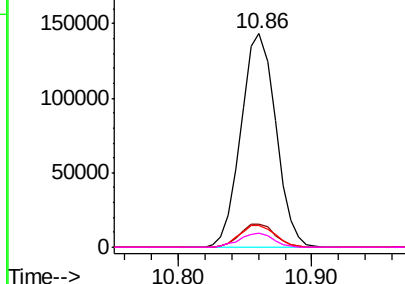
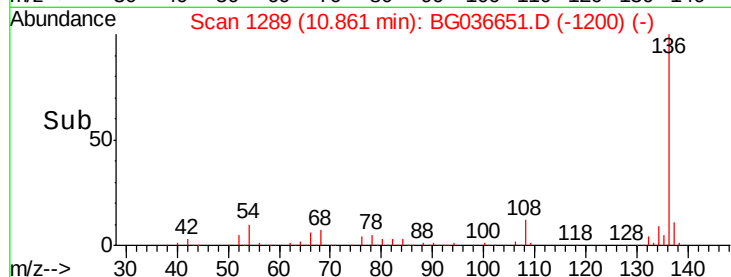
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.86 min Scan# 1289  
Delta R.T. -0.01 min  
Lab File: BG036651.D  
Acq: 11 Sep 2018 8:00

Instrument :  
BNA\_G  
ClientSampleId :

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 258322   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 10.8  | 8.8 13.2 |
| 54          | 10.0  | 9.2 13.8 |
| 68          | 6.6   | 5.8 8.6  |

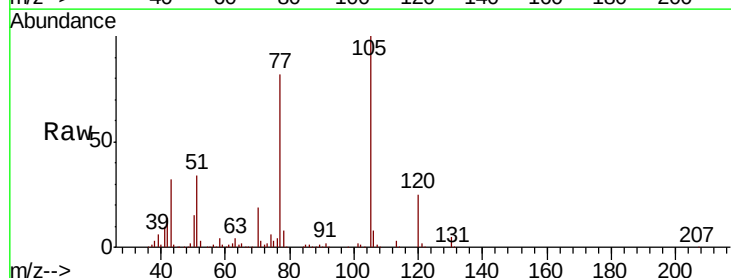


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

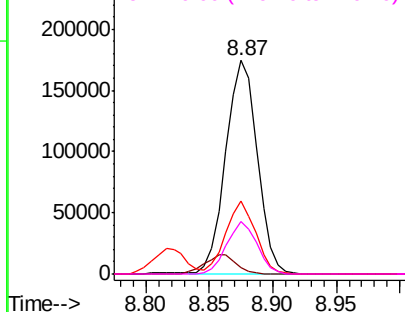
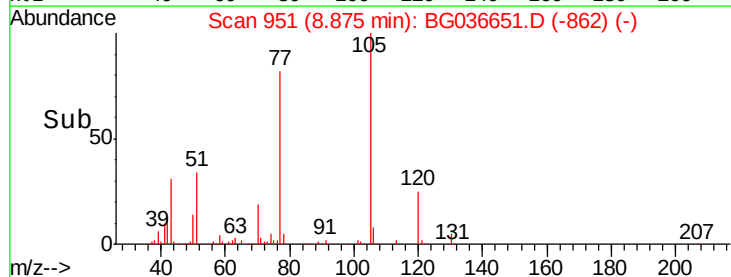


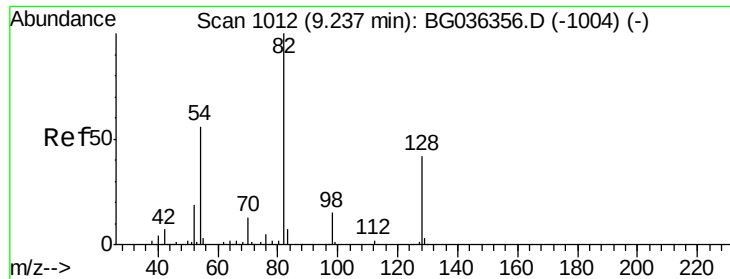
#22  
Acetophenone  
Concen: 44.213 ng  
RT: 8.87 min Scan# 951  
Delta R.T. -0.01 min  
Lab File: BG036651.D  
Acq: 11 Sep 2018 8:00

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 299913    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 3.2   | 2.4 3.6   |
| 51          | 34.0  | 25.9 38.9 |
| 120         | 24.5  | 19.4 29.0 |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC  
Ion 120.00 (119.70 to 120.70): E

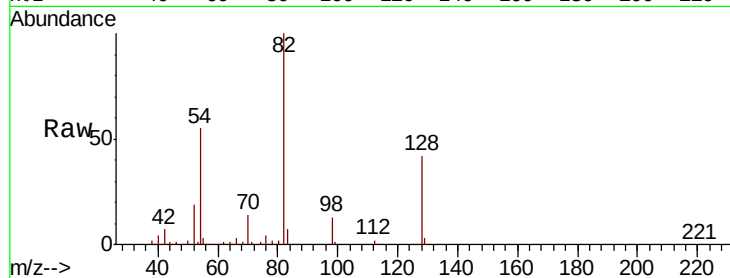




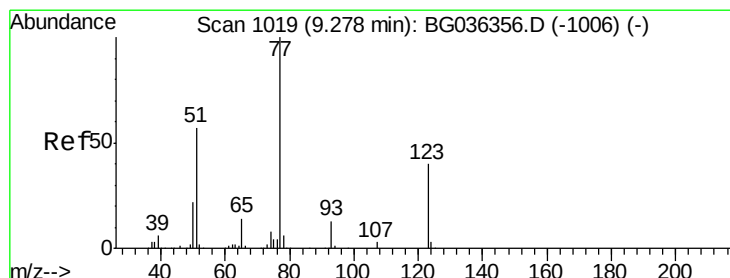
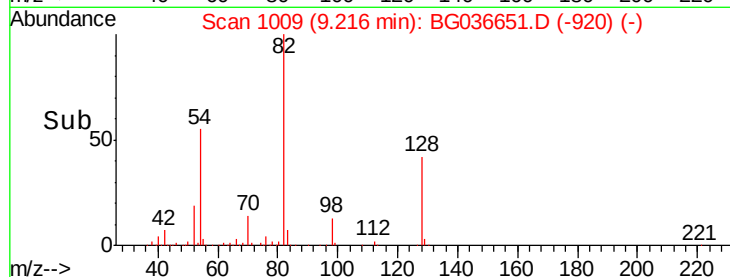
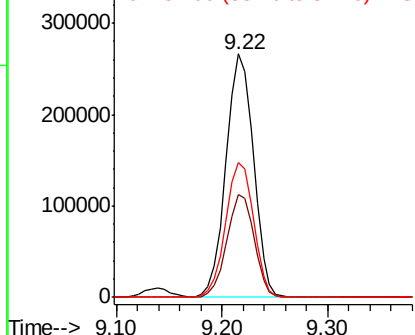
#23  
Nitrobenzene-d5  
Concen: 100.800 ng  
RT: 9.22 min Scan# 1009  
Delta R.T. -0.01 min  
Lab File: BG036651.D  
Acq: 11 Sep 2018 8:00

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion   | 82    | Resp  | 479919 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 42.2  | 33.3  | 49.9   |
| 54        | 55.4  | 45.1  | 67.7   |

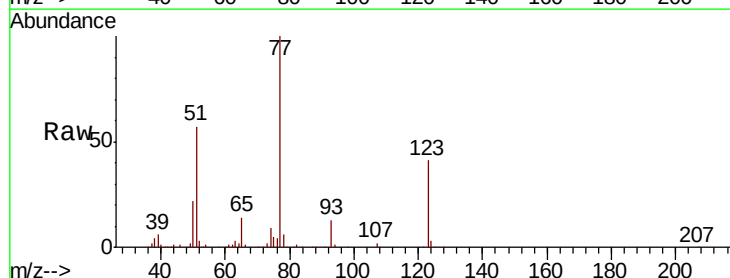


Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 128.00 (127.70 to 128.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC

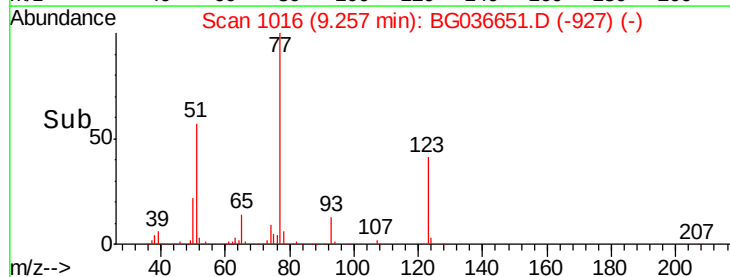
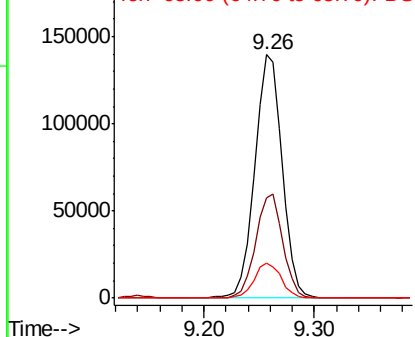


#24  
Nitrobenzene  
Concen: 47.284 ng  
RT: 9.26 min Scan# 1016  
Delta R.T. -0.01 min  
Lab File: BG036651.D  
Acq: 11 Sep 2018 8:00

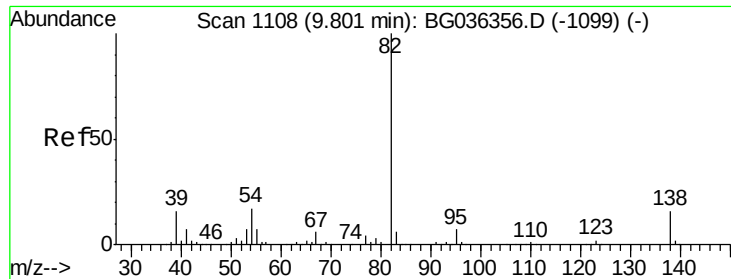
| Tgt Ion   | 77    | Resp  | 242760 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 41.2  | 32.4  | 48.6   |
| 65        | 14.5  | 11.5  | 17.3   |



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







#25

Isophorone

Concen: 48.135 ng

RT: 9.78 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BG036651.D

Acq: 11 Sep 2018 8:00

Instrument :

BNA\_G

ClientSampleId :

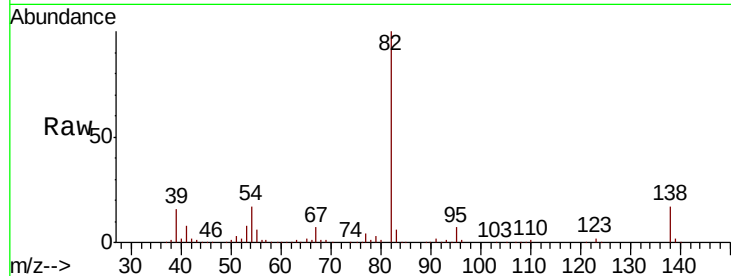
Tot Ion: 82 Resp: 455269

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.8

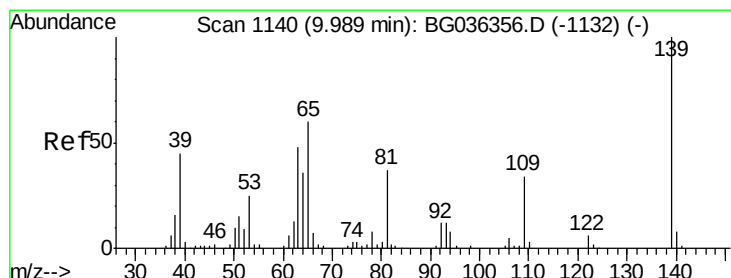
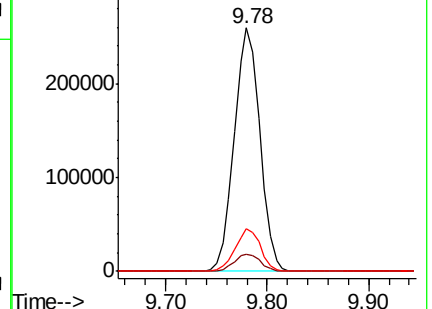
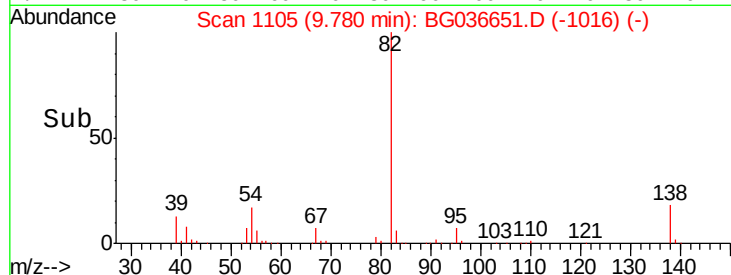
138 17.5 12.9 19.3



Abundance Ion 82.00 (81.70 to 82.70): BG036651.D (-1099) (-)

Ion 95.00 (94.70 to 95.70): BG036651.D (-1099) (-)

Ion 138.00 (137.70 to 138.70): BG036651.D (-1099) (-)



#26

2-Nitrophenol

Concen: 53.242 ng

RT: 9.97 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BG036651.D

Acq: 11 Sep 2018 8:00

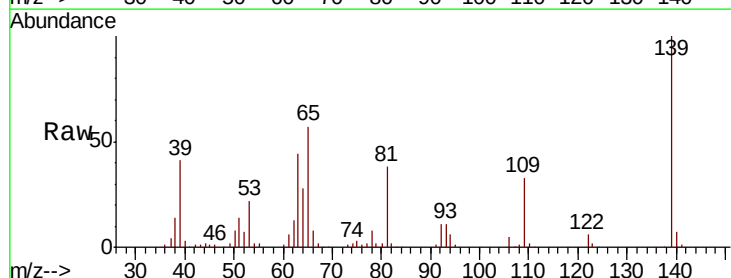
Tgt Ion: 139 Resp: 108318

Ion Ratio Lower Upper

139 100

109 33.0 27.4 41.0

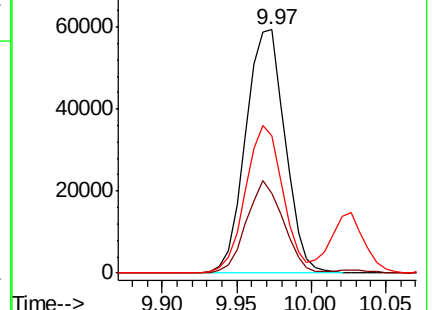
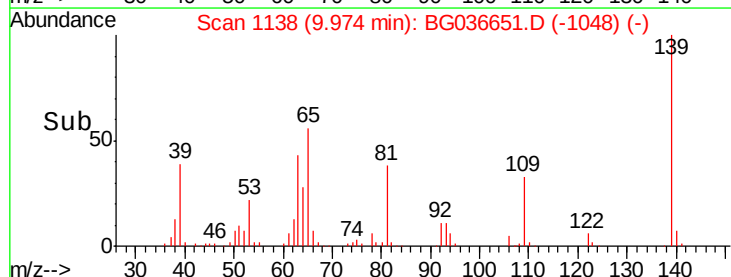
65 56.5 47.8 71.6

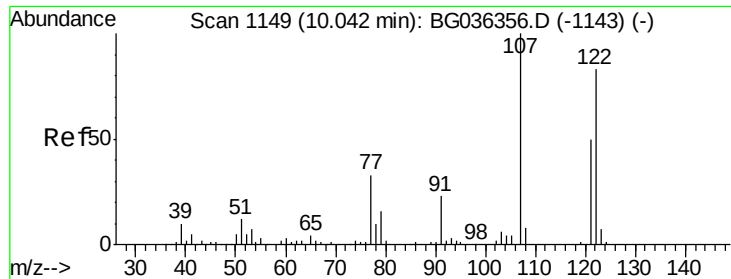


Abundance Ion 139.00 (138.70 to 139.70): BG036651.D (-1048) (-)

Ion 109.00 (108.70 to 109.70): BG036651.D (-1048) (-)

Ion 65.00 (64.70 to 65.70): BG036651.D (-1048) (-)

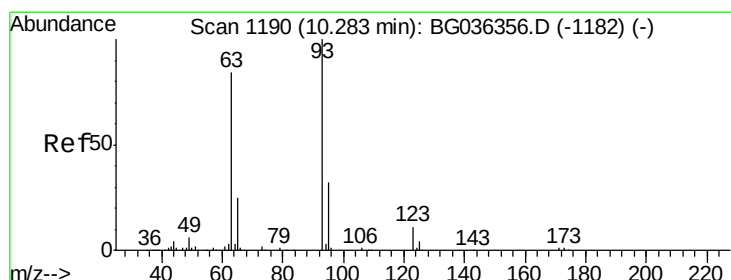
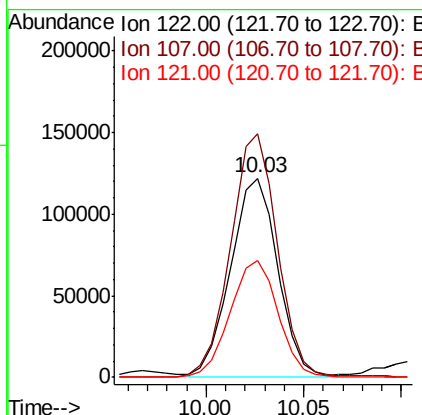
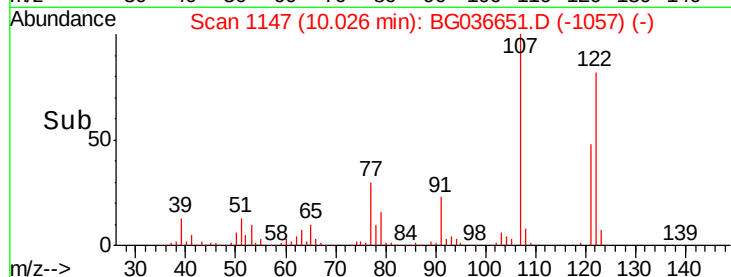
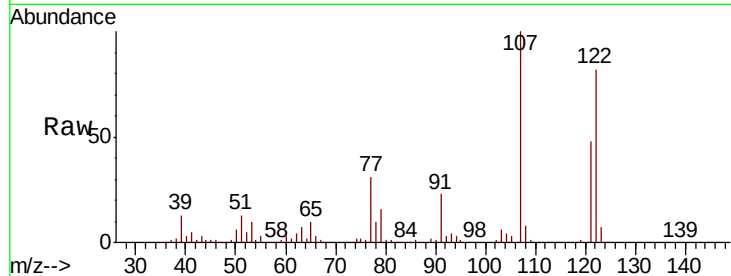




#27  
 2,4-Dimethylphenol  
 Concen: 54.110 ng  
 RT: 10.03 min Scan# 1147  
 Delta R.T. 0.00 min  
 Lab File: BG036651.D  
 Acq: 11 Sep 2018 8:00

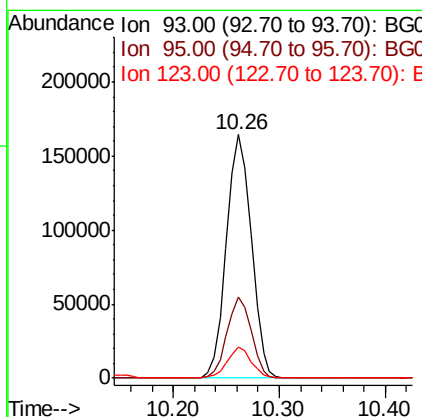
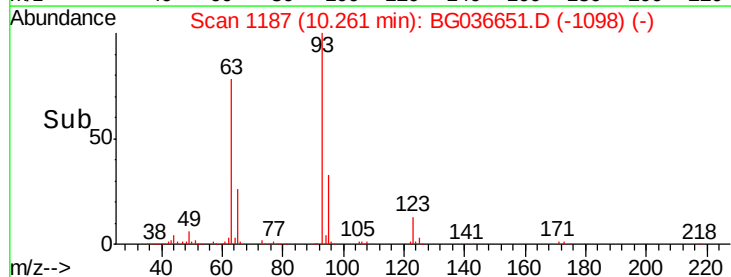
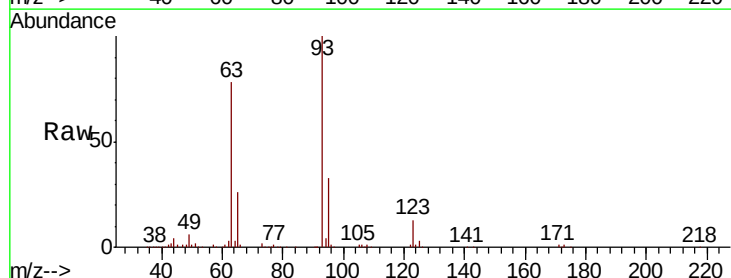
Instrument :  
 BNA\_G  
 ClientSampleId :

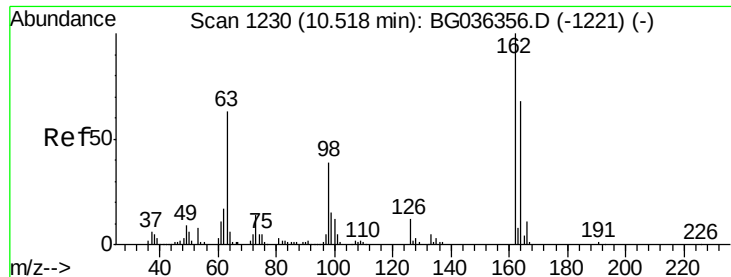
Tot Ion:122 Resp: 203809  
 Ion Ratio Lower Upper  
 122 100  
 107 122.5 96.0 144.0  
 121 58.9 48.2 72.4



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 46.243 ng  
 RT: 10.26 min Scan# 1187  
 Delta R.T. -0.01 min  
 Lab File: BG036651.D  
 Acq: 11 Sep 2018 8:00

Tgt Ion: 93 Resp: 268428  
 Ion Ratio Lower Upper  
 93 100  
 95 33.3 25.2 37.8  
 123 12.7 8.6 12.8

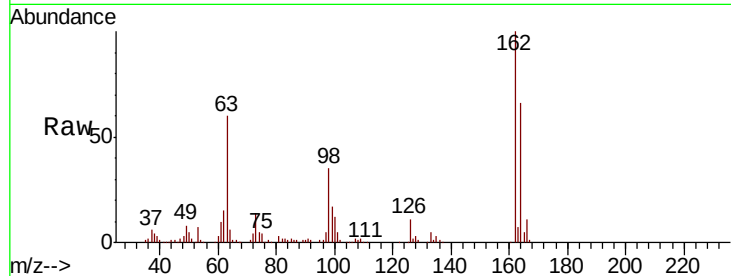




#29  
2,4-Dichlorophenol  
Concen: 52.882 ng  
RT: 10.50 min Scan# 1228  
Delta R.T. -0.01 min  
Lab File: BG036651.D  
Acq: 11 Sep 2018 8:00

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.9  | 47.6  | 87.6  |
| 98      | 35.0  | 19.2  | 59.2  |

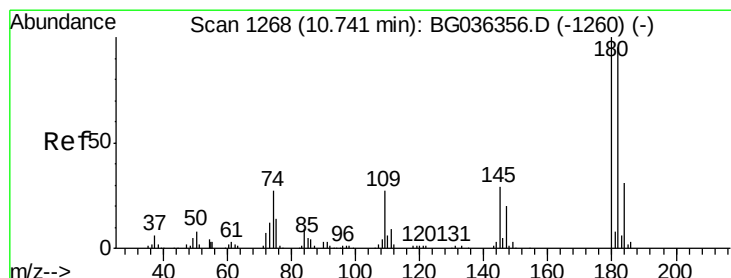
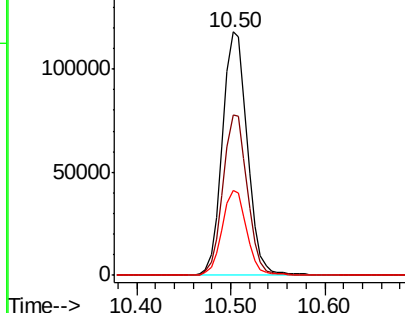
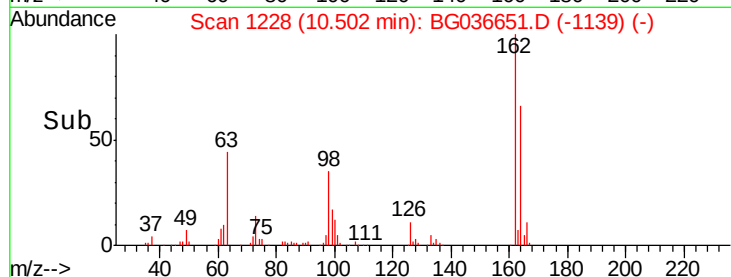


Abundance

Ion 162.00 (161.70 to 162.70): E

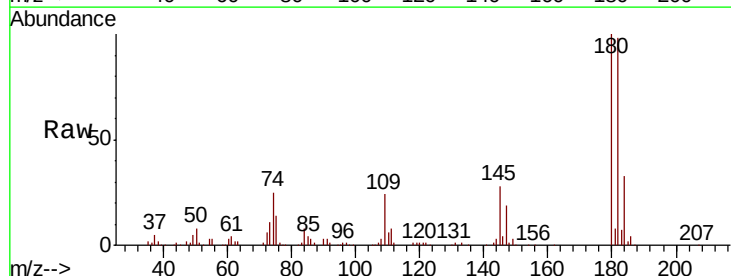
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30  
1,2,4-Trichlorobenzene  
Concen: 45.680 ng  
RT: 10.72 min Scan# 1265  
Delta R.T. -0.01 min  
Lab File: BG036651.D  
Acq: 11 Sep 2018 8:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 98.2  | 76.0  | 114.0 |
| 145     | 28.4  | 22.9  | 34.3  |

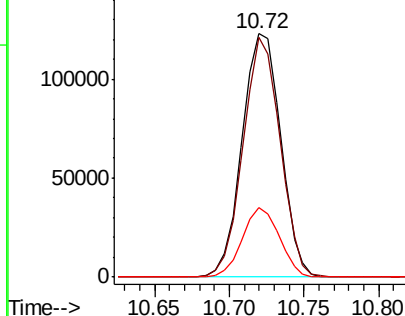
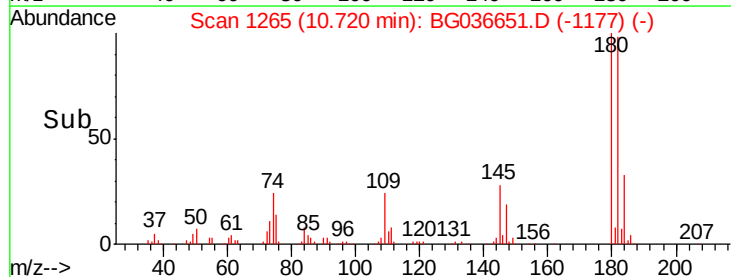


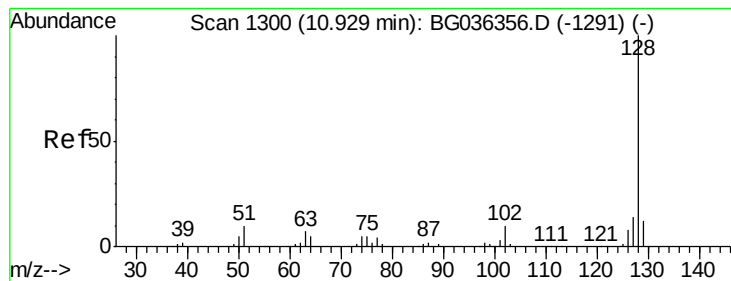
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 48.012 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BG036651.D

Acq: 11 Sep 2018 8:00

Instrument :

BNA\_G

ClientSampled :

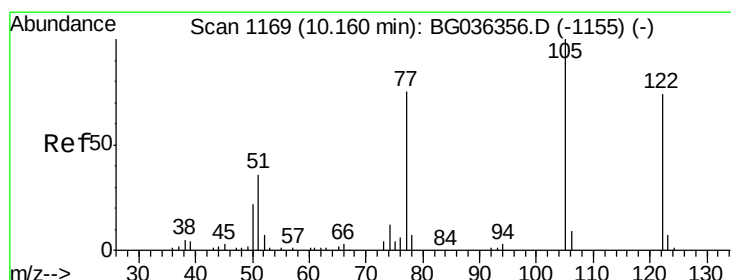
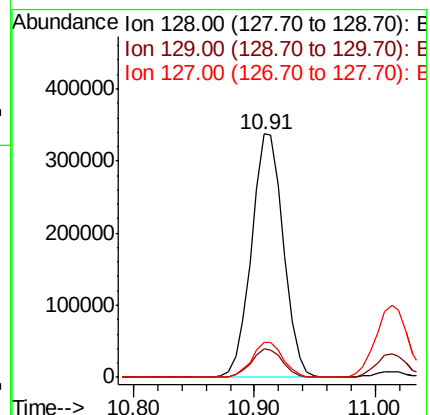
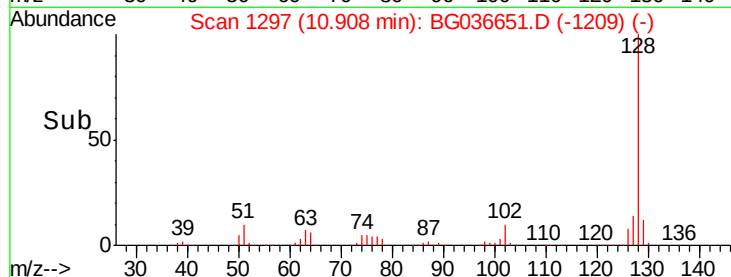
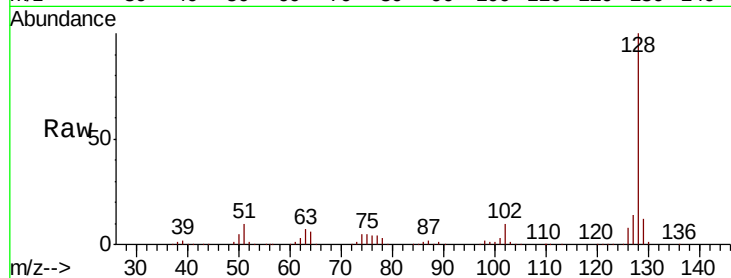
Tot Ion:128 Resp: 619986

Ion Ratio Lower Upper

128 100

129 11.8 9.4 14.2

127 14.3 11.0 16.4



#32

Benzoic acid

Concen: 30.737 ng

RT: 10.15 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BG036651.D

Acq: 11 Sep 2018 8:00

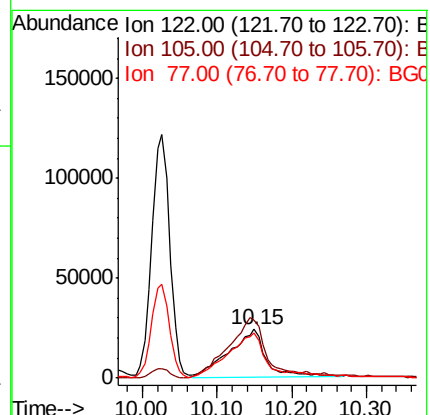
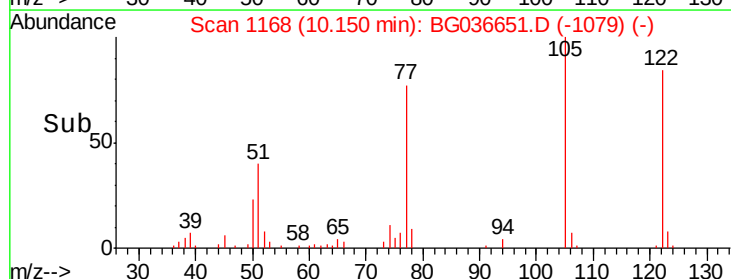
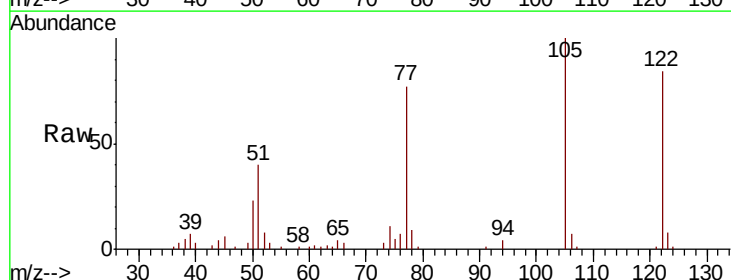
Tgt Ion:122 Resp: 80871

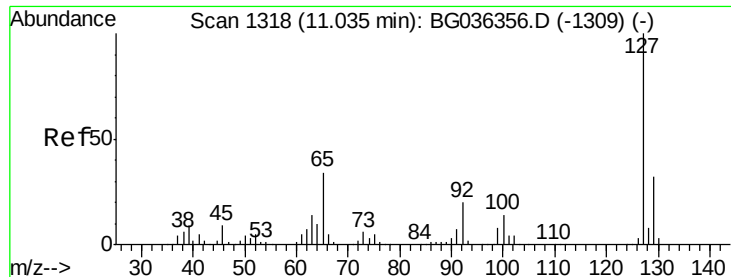
Ion Ratio Lower Upper

122 100

105 119.2 108.1 148.1

77 92.3 76.3 116.3

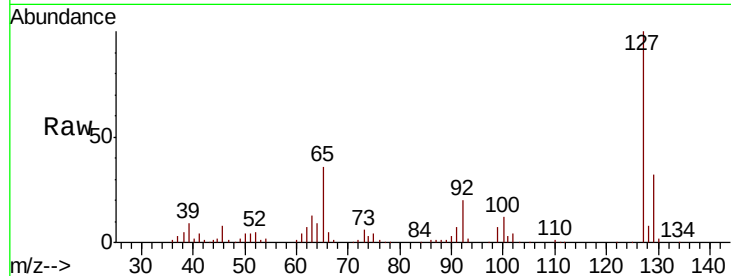




#33  
4-Chloroaniline  
Concen: 31.512 ng  
RT: 11.01 min Scan# 1315  
Delta R.T. -0.01 min  
Lab File: BG036651.D  
Acq: 11 Sep 2018 8:00

Instrument :  
BNA\_G  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 186470 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.3  | 25.9  | 38.9   |
| 65       | 35.8  | 27.5  | 41.3   |
| 92       | 19.7  | 16.2  | 24.2   |



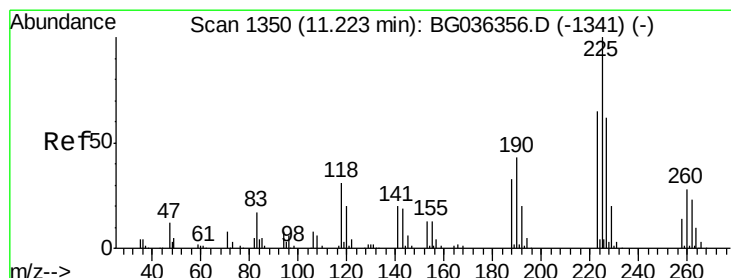
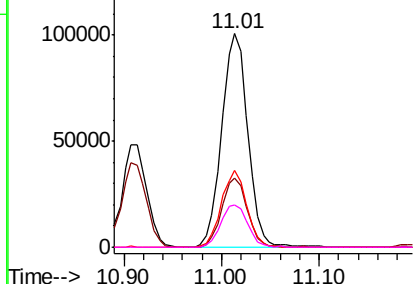
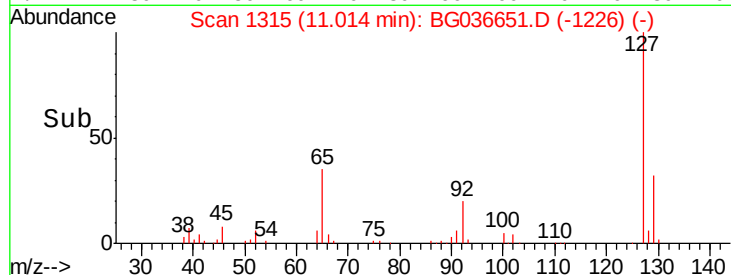
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

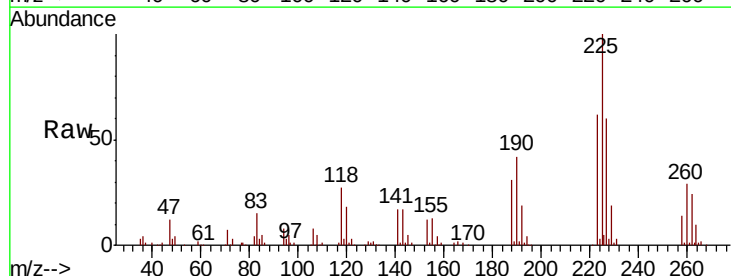
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34  
Hexachlorobutadiene  
Concen: 46.044 ng  
RT: 11.20 min Scan# 1346  
Delta R.T. -0.01 min  
Lab File: BG036651.D  
Acq: 11 Sep 2018 8:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 149392 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.5  | 51.8  | 77.8   |
| 227      | 60.2  | 49.8  | 74.6   |

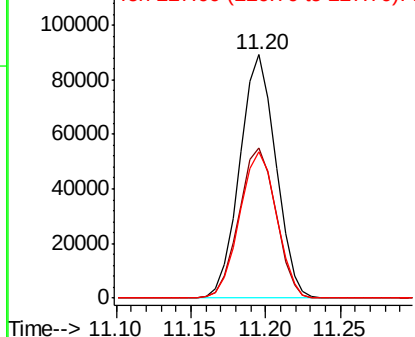
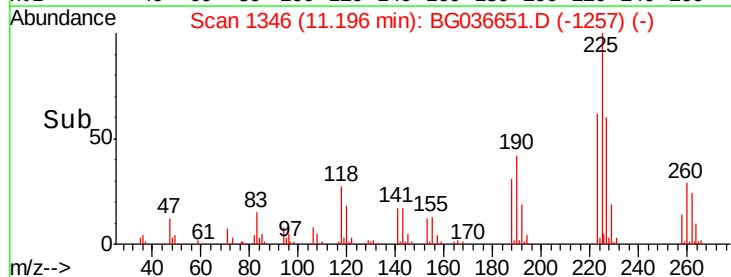


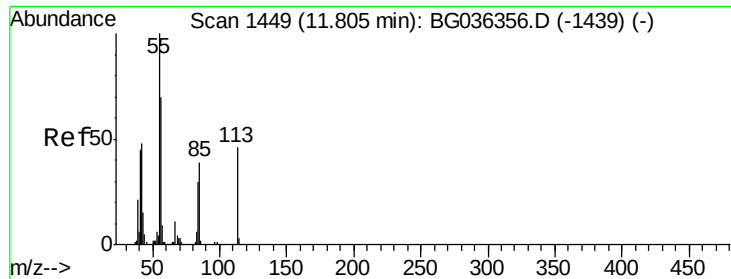
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 48.338 ng

RT: 11.79 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BG036651.D

Acq: 11 Sep 2018 8:00

Instrument :

BNA\_G

ClientSampleId :

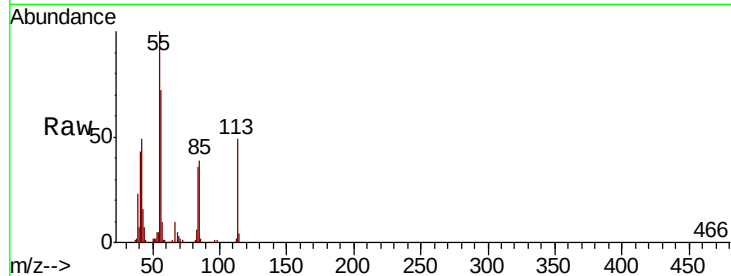
Tot Ion:113 Resp: 79488

Ion Ratio Lower Upper

113 100

55 202.3 197.7 237.7

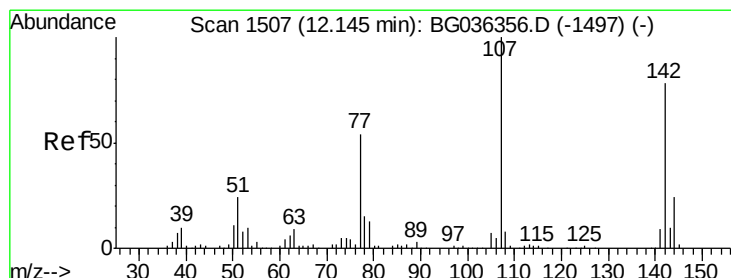
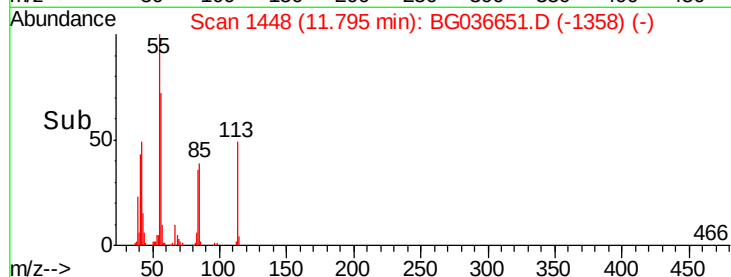
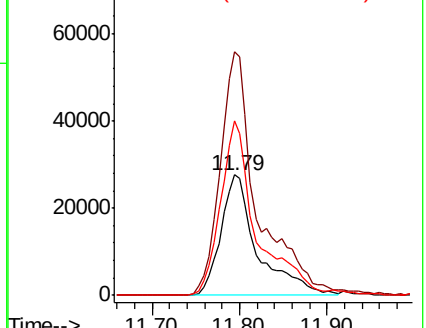
56 145.1 131.7 171.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 49.832 ng

RT: 12.13 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BG036651.D

Acq: 11 Sep 2018 8:00

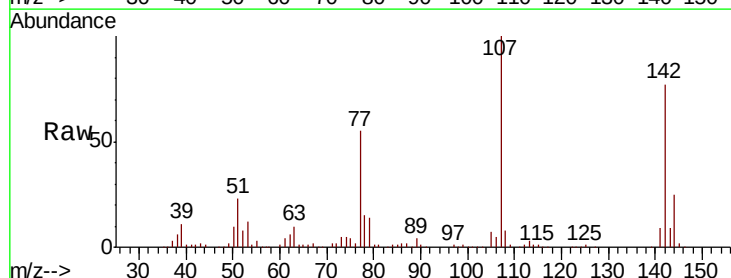
Tgt Ion:107 Resp: 239017

Ion Ratio Lower Upper

107 100

144 24.6 19.5 29.3

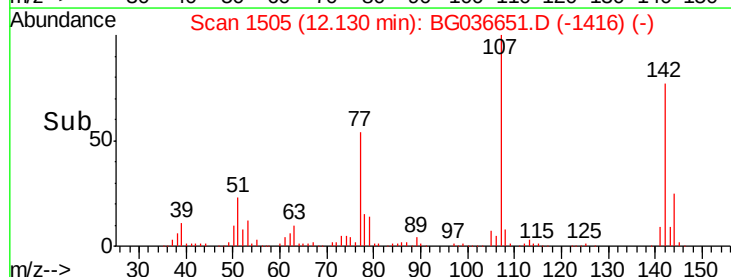
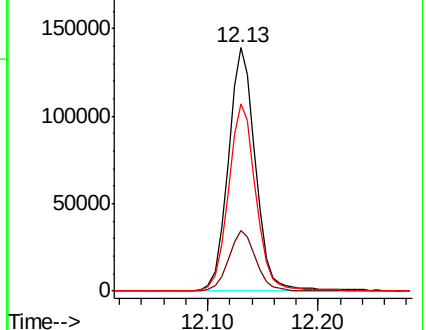
142 77.0 62.4 93.6

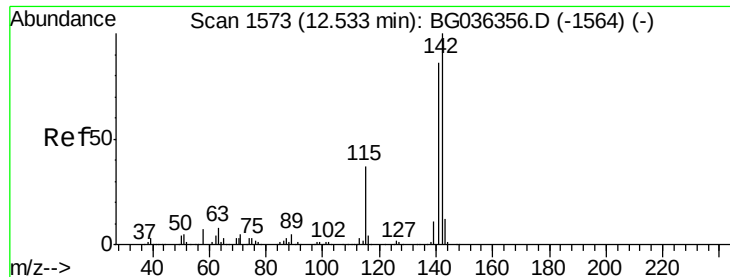


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

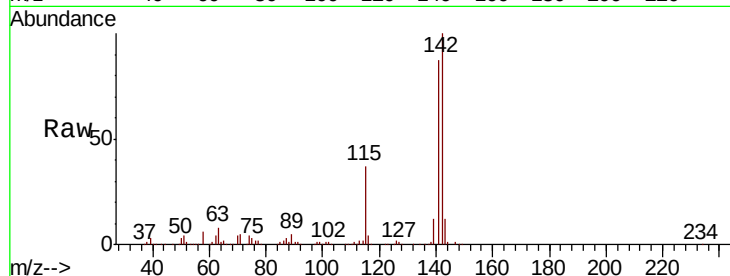




#37  
2-Methylnaphthalene  
Concen: 51.805 ng  
RT: 12.51 min Scan# 1570  
Delta R.T. -0.01 min  
Lab File: BG036651.D  
Acq: 11 Sep 2018 8:00

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 86.6  | 68.5  | 102.7 |
| 115     | 37.2  | 29.8  | 44.8  |

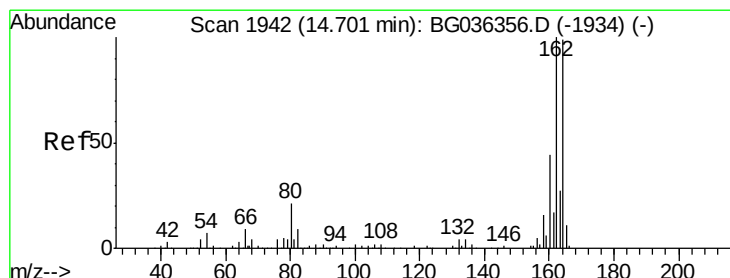
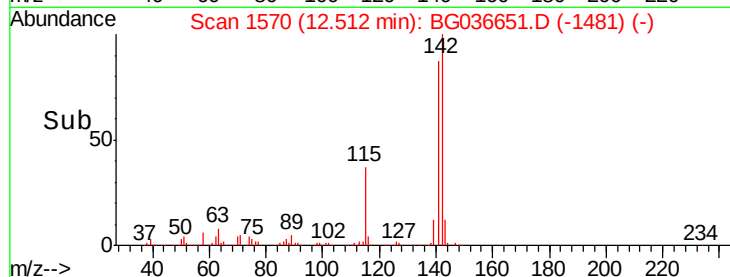
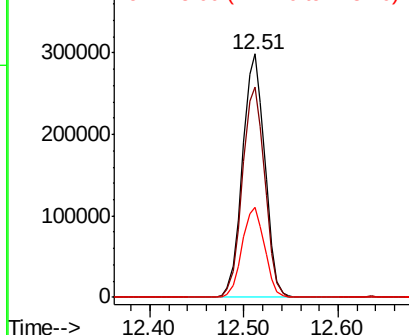


Abundance

Ion 142.00 (141.70 to 142.70): E

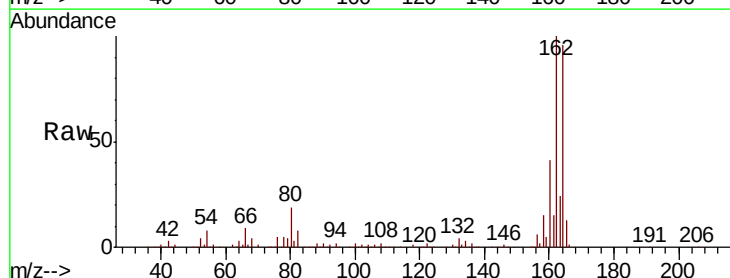
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.68 min Scan# 1939  
Delta R.T. -0.01 min  
Lab File: BG036651.D  
Acq: 11 Sep 2018 8:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.0 | 80.7  | 121.1 |
| 160     | 42.6  | 35.3  | 52.9  |

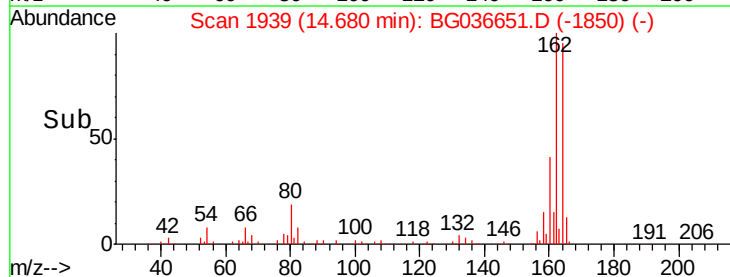
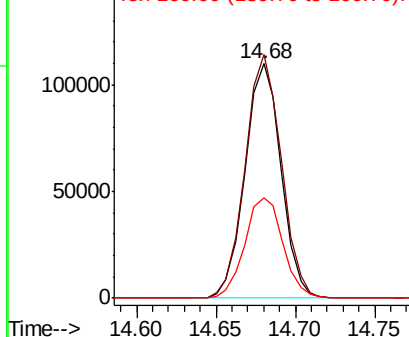


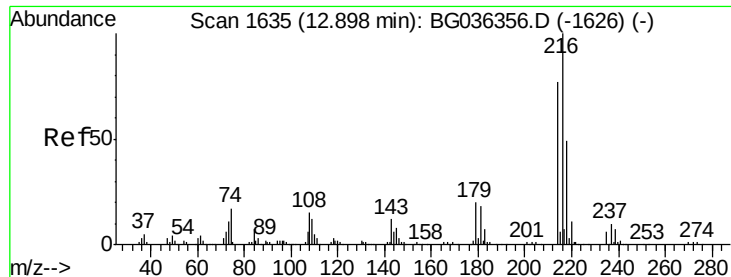
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

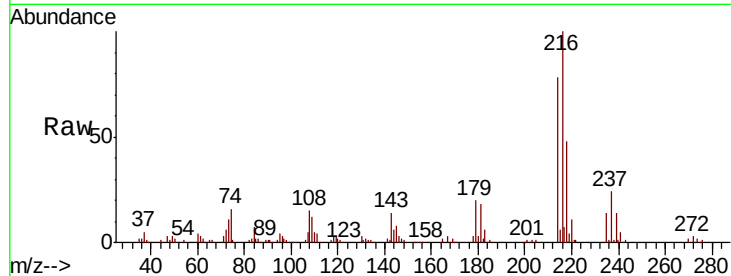




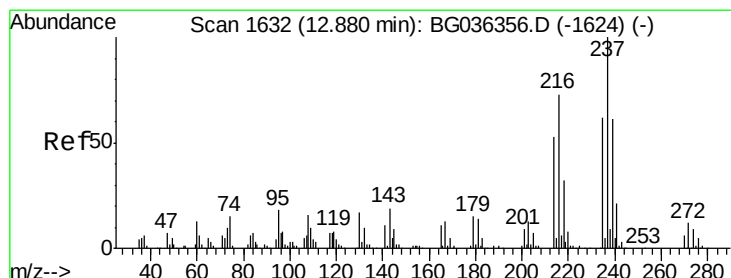
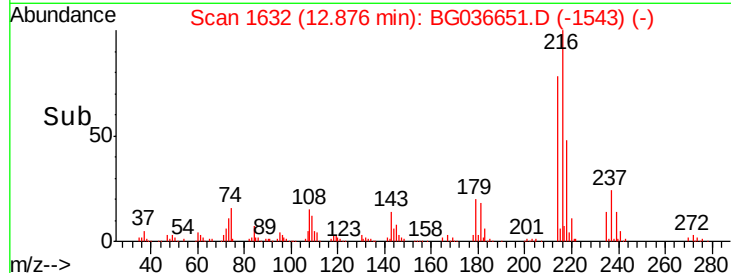
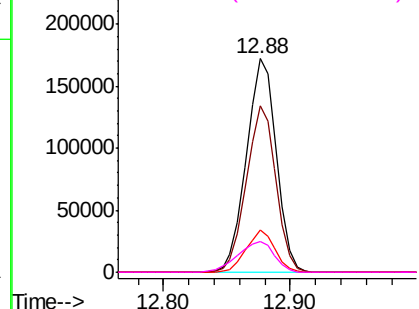
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 46.208 ng  
 RT: 12.88 min Scan# 1632  
 Delta R.T. -0.01 min  
 Lab File: BG036651.D  
 Acq: 11 Sep 2018 8:00

Instrument :  
 BNA\_G  
 ClientSampled :

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 216   | Resp: | 282051 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 76.5  | 61.0  | 91.6   |
| 179       | 18.7  | 15.7  | 23.5   |
| 108       | 17.8  | 13.1  | 19.7   |

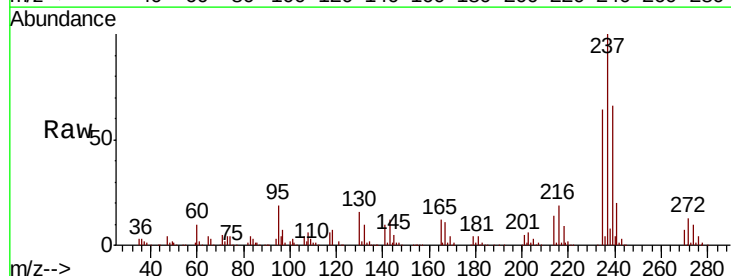


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

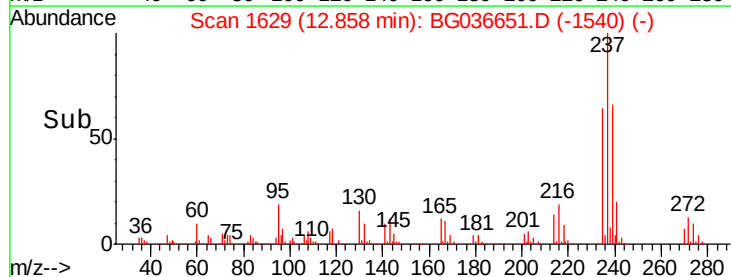
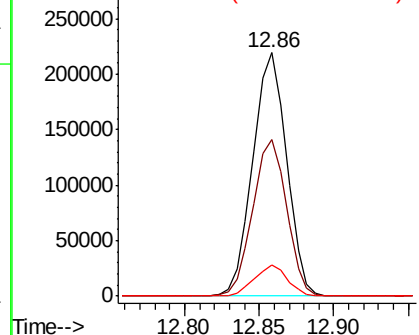


#40  
 Hexachlorocyclopentadiene  
 Concen: 107.968 ng  
 RT: 12.86 min Scan# 1629  
 Delta R.T. -0.01 min  
 Lab File: BG036651.D  
 Acq: 11 Sep 2018 8:00

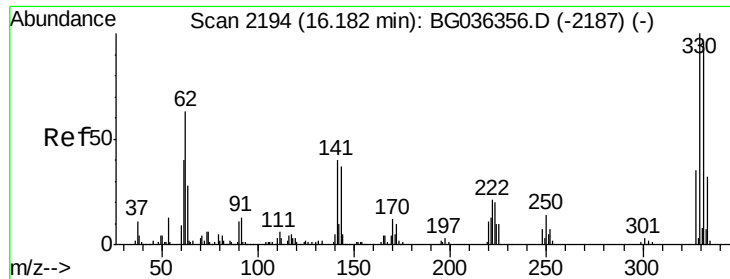
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 237   | Resp: | 342897 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 64.2  | 42.2  | 82.2   |
| 272       | 12.7  | 0.0   | 32.1   |



Abundance Ion 236.80 (236.50 to 237.50): E  
 Ion 234.90 (234.60 to 235.60): E  
 Ion 271.75 (271.45 to 272.45): E



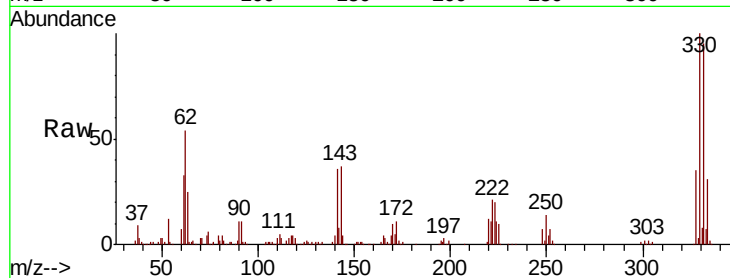




#41  
 2,4,6-Tribromophenol  
 Concen: 109.224 ng  
 RT: 16.17 min Scan# 2192  
 Delta R.T. -0.01 min  
 Lab File: BG036651.D  
 Acq: 11 Sep 2018 8:00

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.0  | 75.4  | 113.2 |
| 141     | 36.3  | 30.7  | 46.1  |

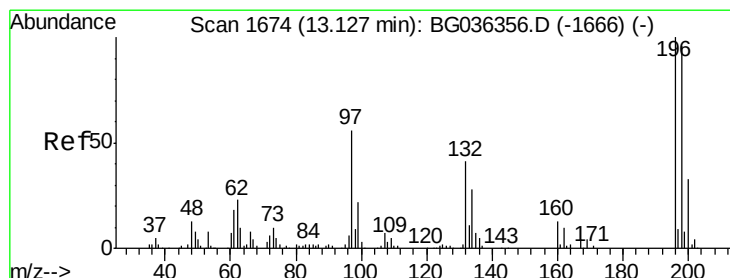
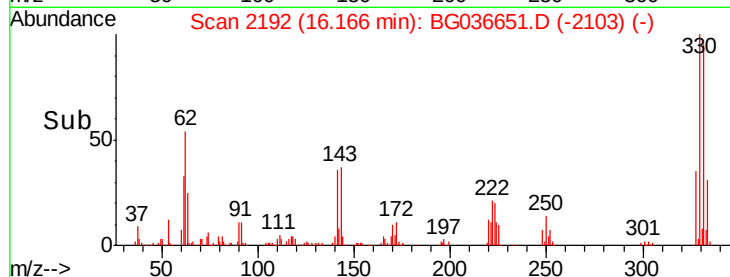
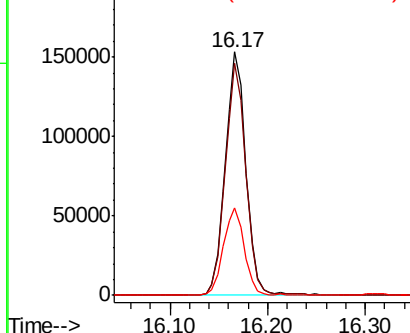


Abundance

Ion 329.80 (329.50 to 330.50): E

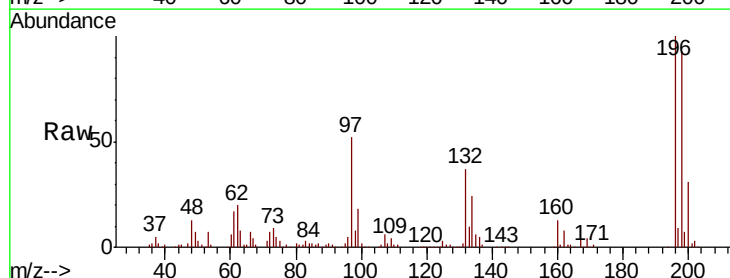
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42  
 2,4,6-Trichlorophenol  
 Concen: 50.766 ng  
 RT: 13.11 min Scan# 1672  
 Delta R.T. -0.01 min  
 Lab File: BG036651.D  
 Acq: 11 Sep 2018 8:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 93.1  | 77.2  | 115.8 |
| 200     | 31.3  | 26.3  | 39.5  |

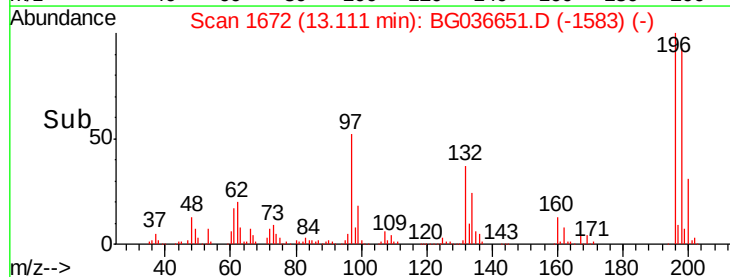
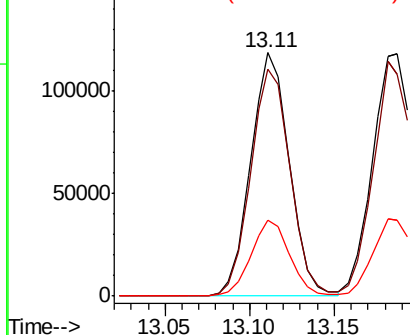


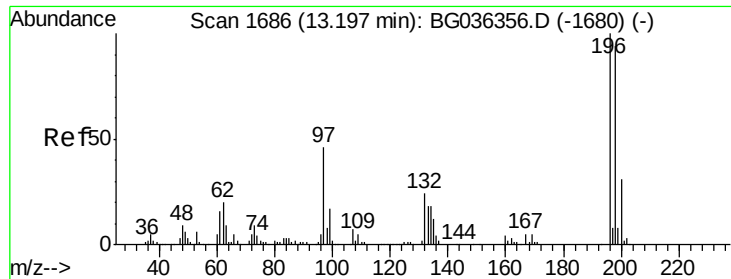
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

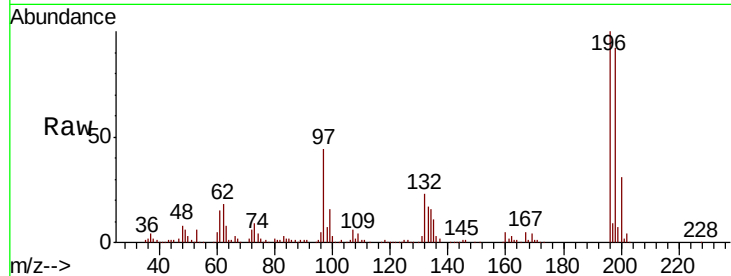




#43  
2,4,5-Trichlorophenol  
Concen: 51.749 ng  
RT: 13.19 min Scan# 1685  
Delta R.T. 0.00 min  
Lab File: BG036651.D  
Acq: 11 Sep 2018 8:00

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 91.9  | 75.6  | 113.4 |
| 97      | 43.9  | 37.2  | 55.8  |
| 132     | 23.3  | 19.4  | 29.2  |



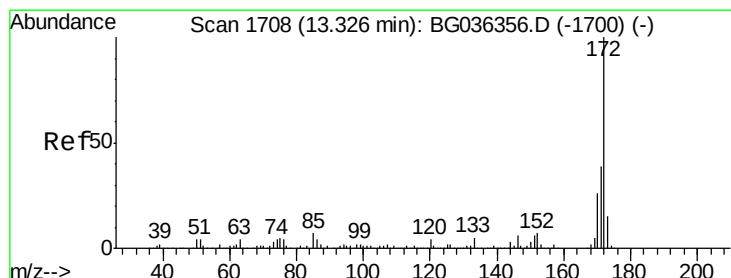
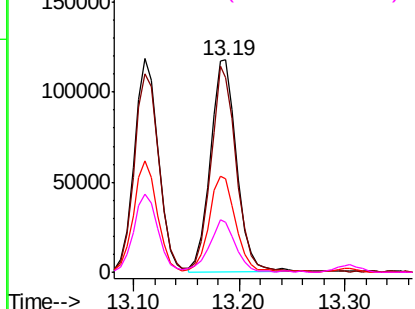
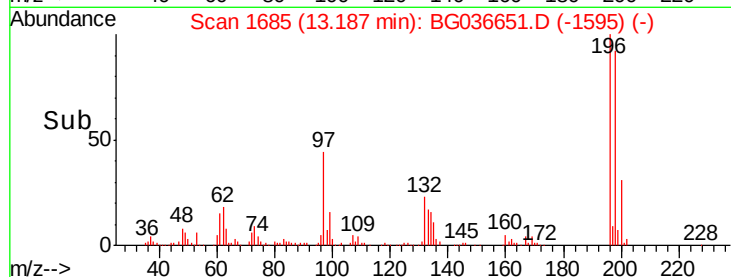
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

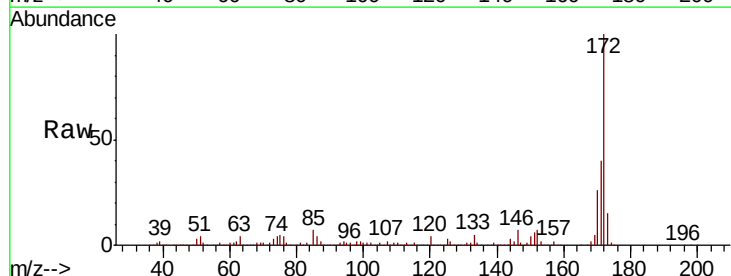
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44  
2-Fluorobiphenyl  
Concen: 90.907 ng  
RT: 13.30 min Scan# 1705  
Delta R.T. -0.01 min  
Lab File: BG036651.D  
Acq: 11 Sep 2018 8:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 40.4  | 31.3  | 46.9  |
| 170     | 26.2  | 21.0  | 31.6  |

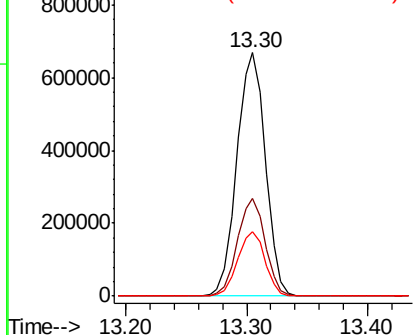
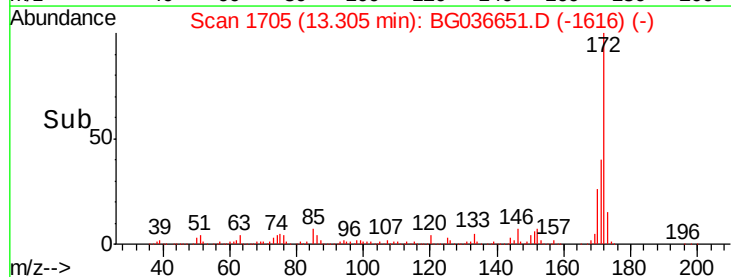


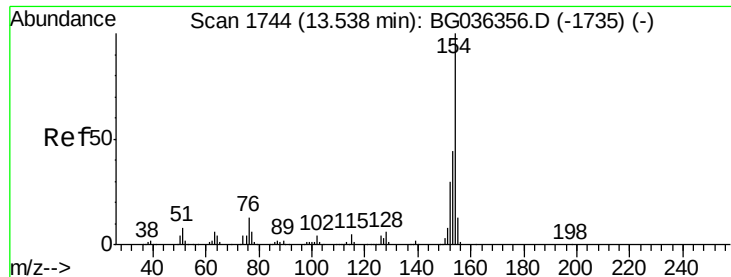
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 43.721 ng

RT: 13.52 min Scan# 1741

Delta R.T. -0.01 min

Lab File: BG036651.D

Acq: 11 Sep 2018 8:00

Instrument :

BNA\_G

ClientSampled :

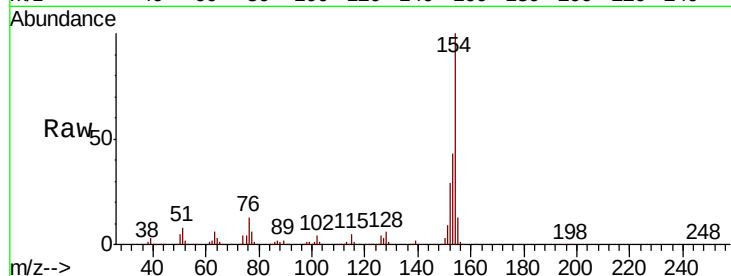
Tot Ion:154 Resp: 625984

Ion Ratio Lower Upper

154 100

153 43.3 24.0 64.0

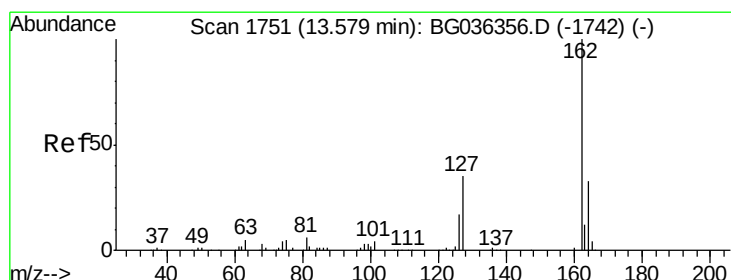
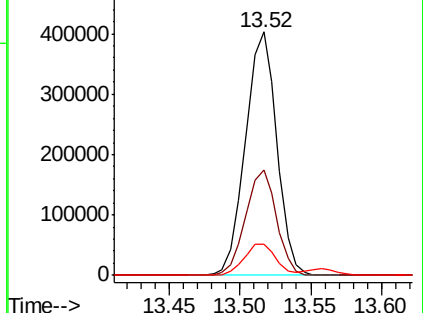
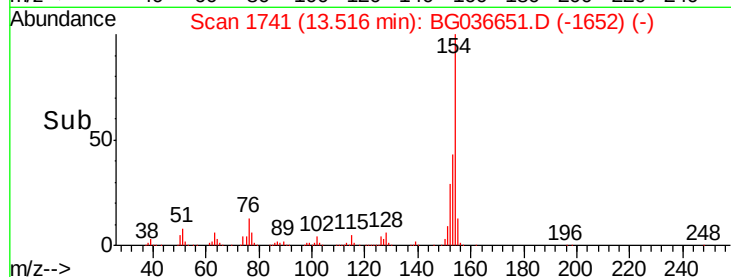
76 12.9 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 45.168 ng

RT: 13.56 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BG036651.D

Acq: 11 Sep 2018 8:00

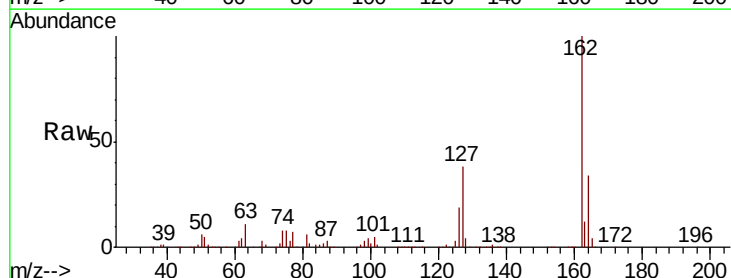
Tgt Ion:162 Resp: 493701

Ion Ratio Lower Upper

162 100

127 37.8 30.7 46.1

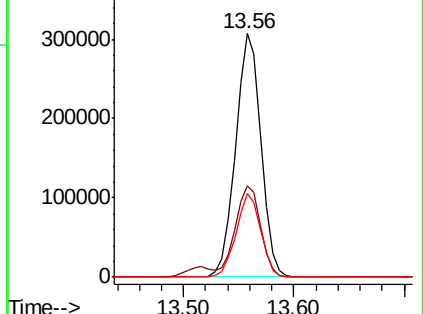
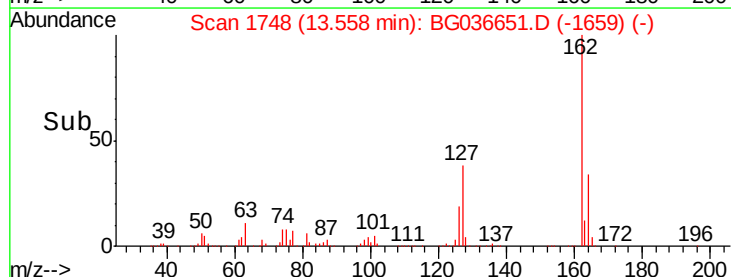
164 34.3 26.7 40.1

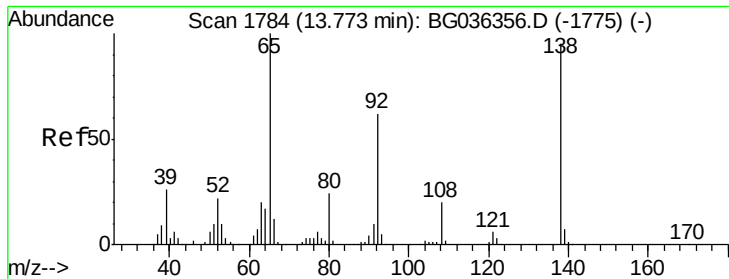


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 51.552 ng

RT: 13.76 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BG036651.D

Acq: 11 Sep 2018 8:00

Instrument :

BNA\_G

ClientSampled :

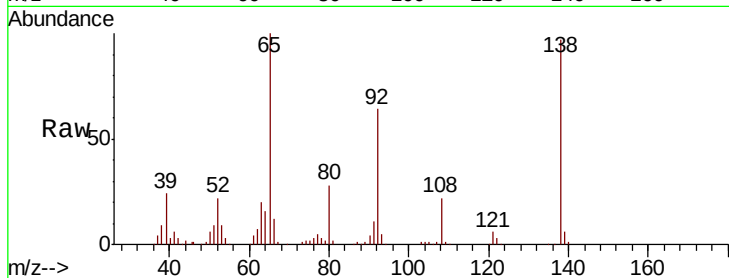
Tot Ion: 65 Resp: 176942

Ion Ratio Lower Upper

65 100

92 64.1 49.9 74.9

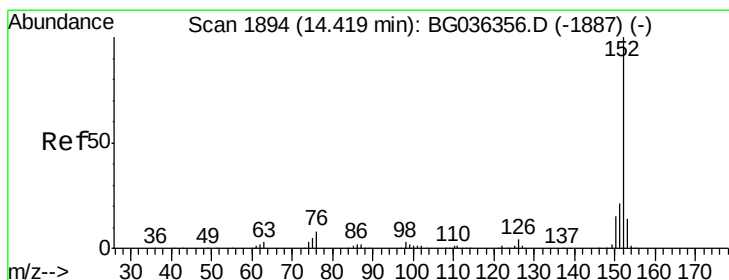
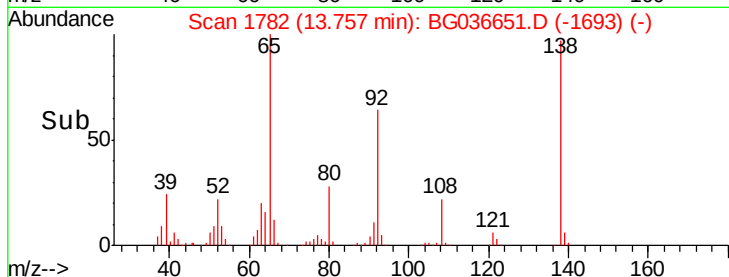
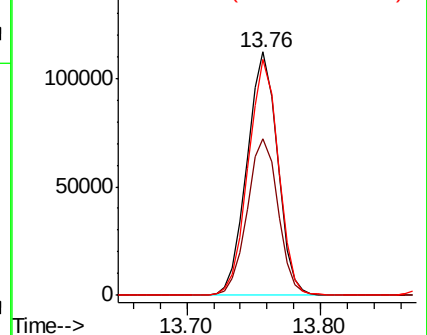
138 96.7 76.2 114.4



Abundance Ion 65.00 (64.70 to 65.70): BG036651.D (-1775) (-)

Ion 92.00 (91.70 to 92.70): BG036651.D (-1775) (-)

Ion 138.00 (137.70 to 138.70): BG036651.D (-1775) (-)



#48

Acenaphthylene

Concen: 48.879 ng

RT: 14.40 min Scan# 1892

Delta R.T. -0.01 min

Lab File: BG036651.D

Acq: 11 Sep 2018 8:00

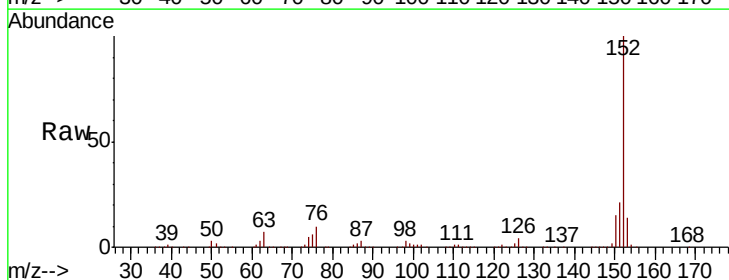
Tgt Ion: 152 Resp: 834958

Ion Ratio Lower Upper

152 100

151 21.2 16.9 25.3

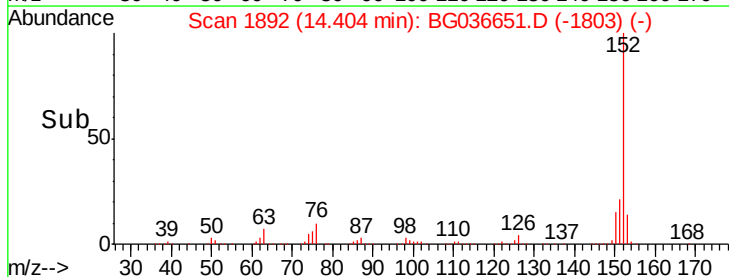
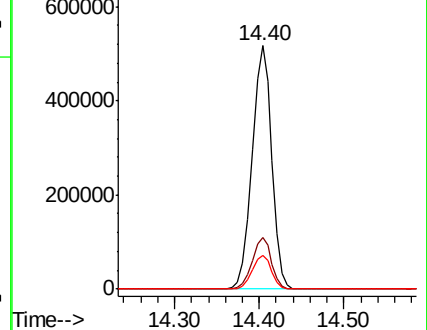
153 13.8 11.2 16.8

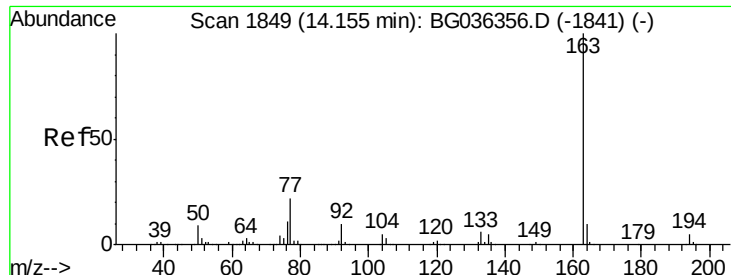


Abundance Ion 152.00 (151.70 to 152.70): BG036651.D (-1803) (-)

Ion 151.00 (150.70 to 151.70): BG036651.D (-1803) (-)

Ion 153.00 (152.70 to 153.70): BG036651.D (-1803) (-)

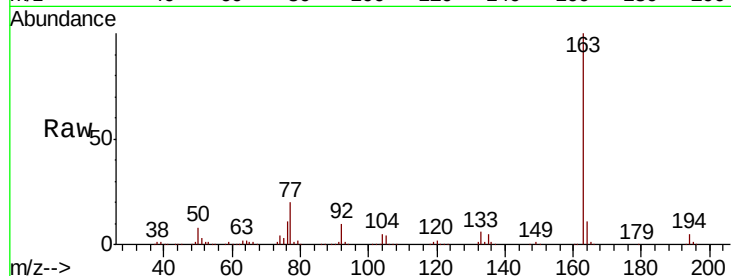




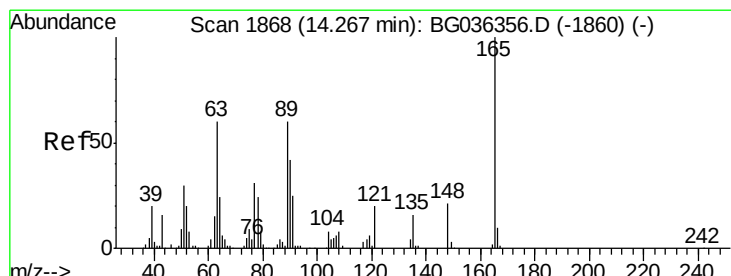
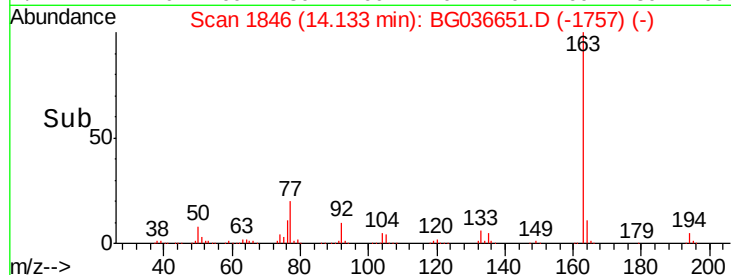
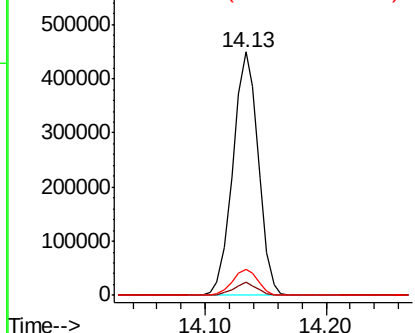
#49  
Dimethylphthalate  
Concen: 46.733 ng  
RT: 14.13 min Scan# 1846  
Delta R.T. -0.01 min  
Lab File: BG036651.D  
Acq: 11 Sep 2018 8:00

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:163 Resp: 658196  
Ion Ratio Lower Upper  
163 100  
194 5.2 4.0 6.0  
164 10.9 8.1 12.1

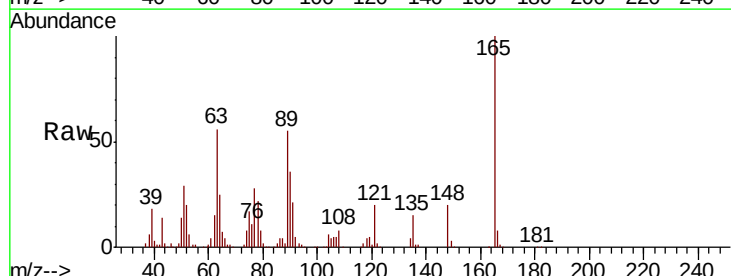


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

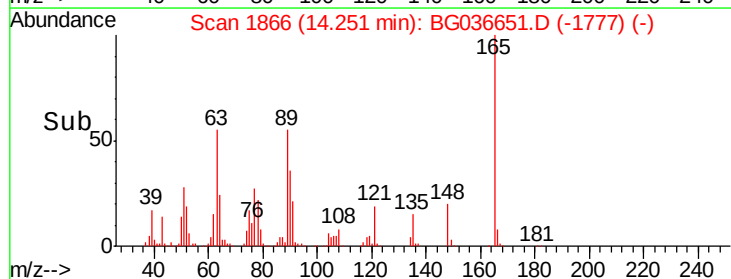
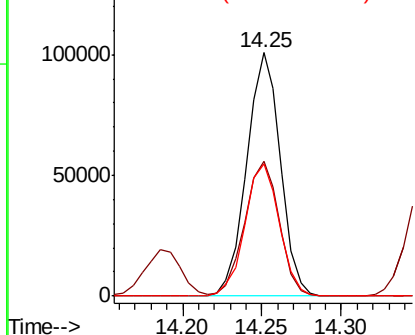


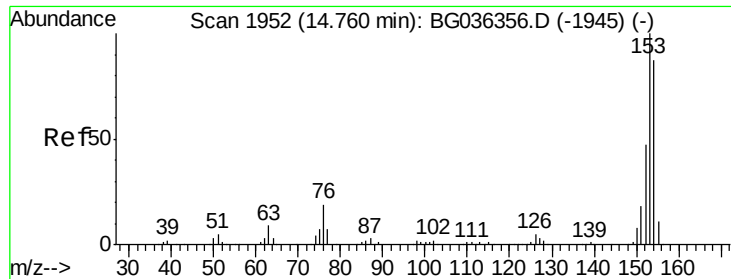
#50  
2,6-Dinitrotoluene  
Concen: 51.182 ng  
RT: 14.25 min Scan# 1866  
Delta R.T. -0.01 min  
Lab File: BG036651.D  
Acq: 11 Sep 2018 8:00

Tgt Ion:165 Resp: 148333  
Ion Ratio Lower Upper  
165 100  
63 55.6 50.1 75.1  
89 54.5 47.8 71.6



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 46.678 ng

RT: 14.74 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG036651.D

Acq: 11 Sep 2018 8:00

Instrument :

BNA\_G

ClientSampled :

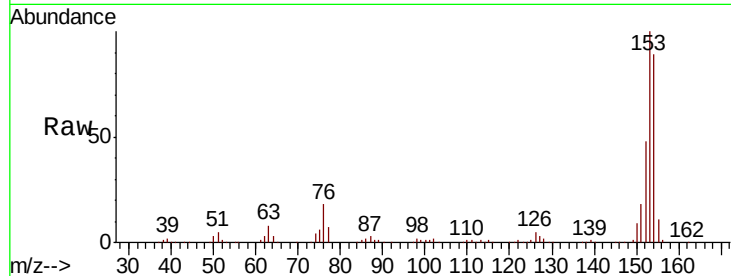
Tot Ion:154 Resp: 510661

Ion Ratio Lower Upper

154 100

153 112.2 91.8 137.6

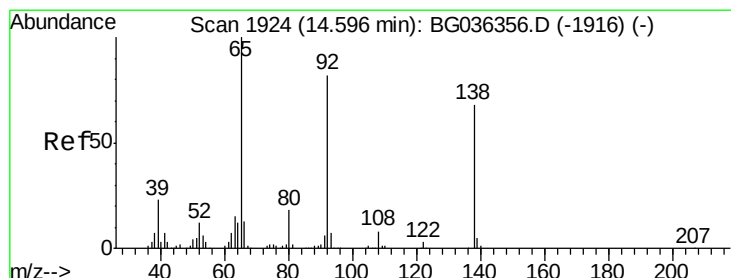
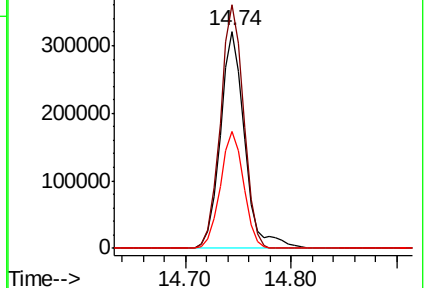
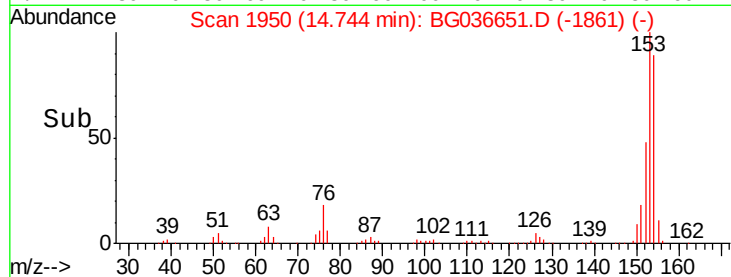
152 54.1 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.977 ng

RT: 14.58 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG036651.D

Acq: 11 Sep 2018 8:00

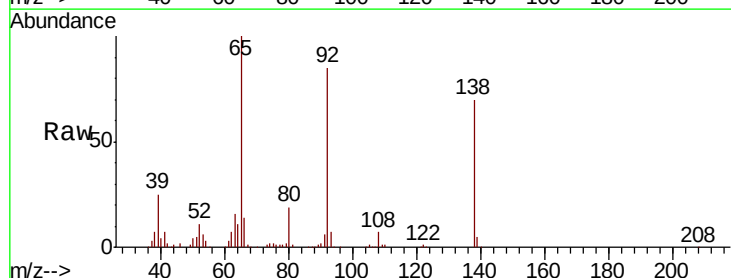
Tgt Ion:138 Resp: 127977

Ion Ratio Lower Upper

138 100

108 9.4 9.4 14.2#

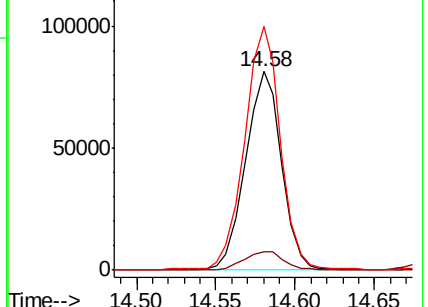
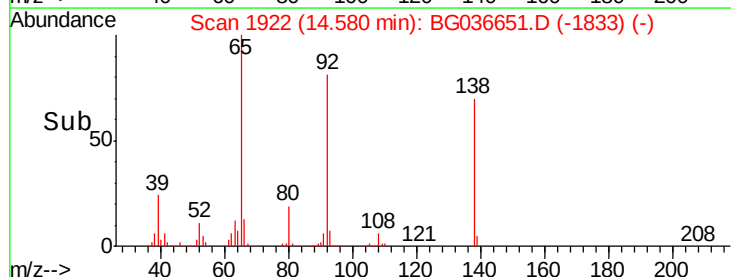
92 122.6 96.8 145.2

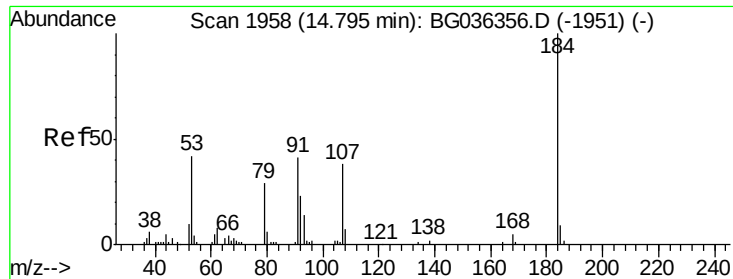


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E





#53

2,4-Dinitrophenol

Concen: 44.525 ng

RT: 14.79 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BG036651.D

Acq: 11 Sep 2018 8:00

Instrument :

BNA\_G

ClientSampleId :

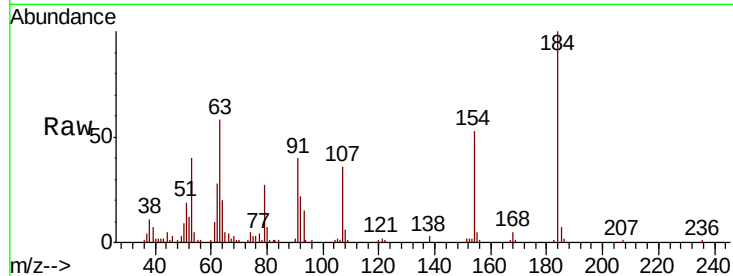
Tot Ion:184 Resp: 48878

Ion Ratio Lower Upper

184 100

63 58.4 47.3 70.9

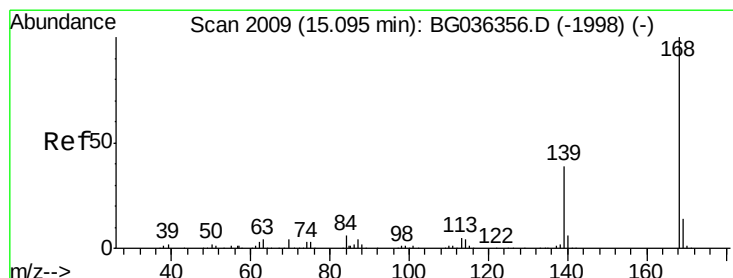
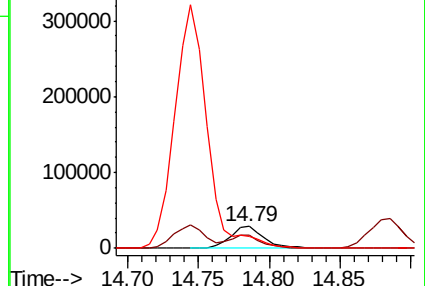
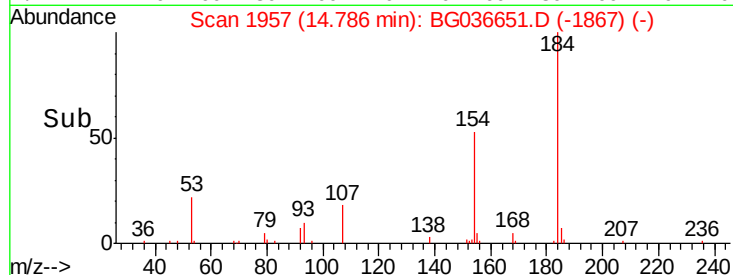
154 52.8 51.1 76.7



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



#54

Dibenzofuran

Concen: 46.454 ng

RT: 15.08 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BG036651.D

Acq: 11 Sep 2018 8:00

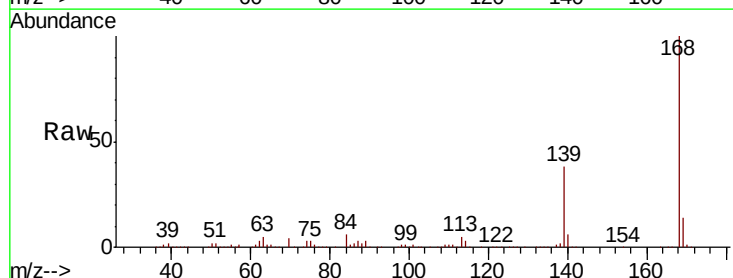
Tgt Ion:168 Resp: 796196

Ion Ratio Lower Upper

168 100

139 38.2 31.0 46.6

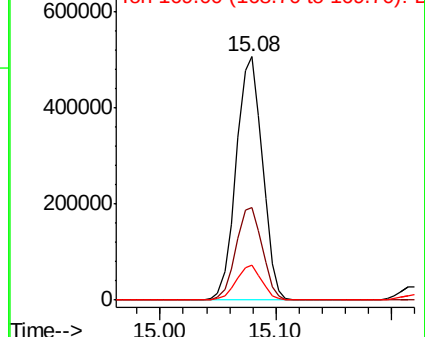
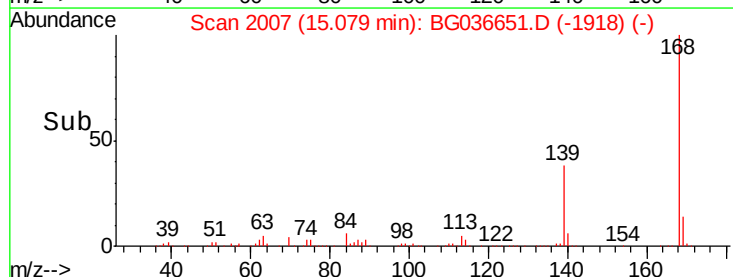
169 14.2 11.1 16.7

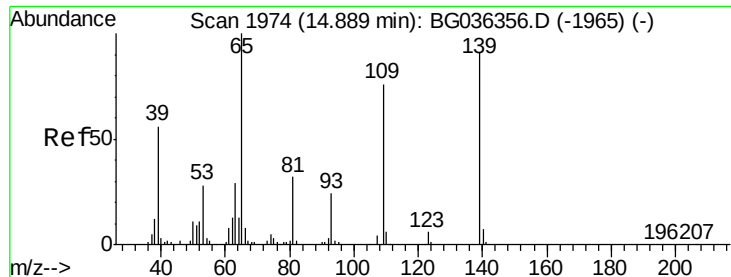


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

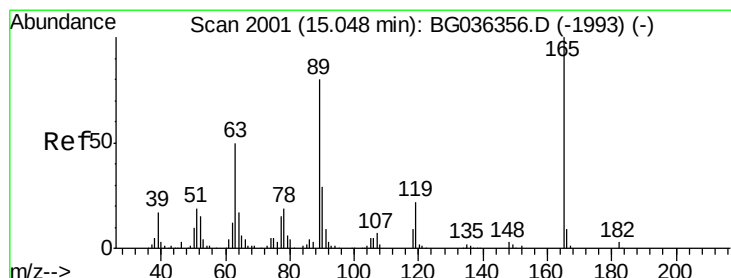
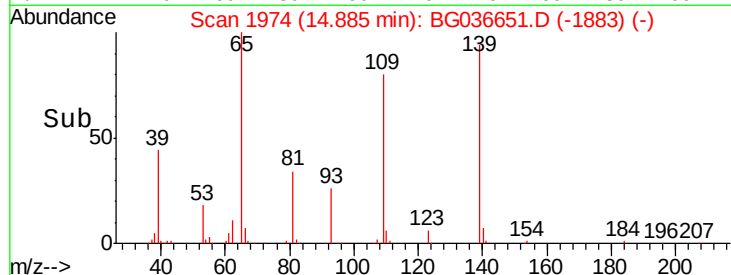
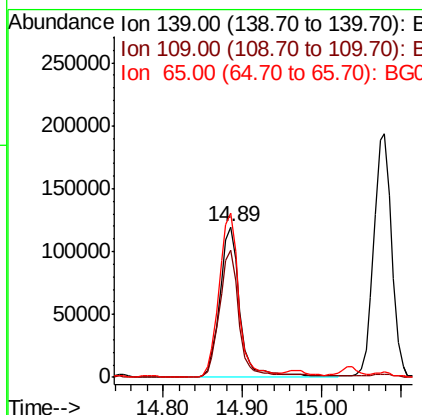
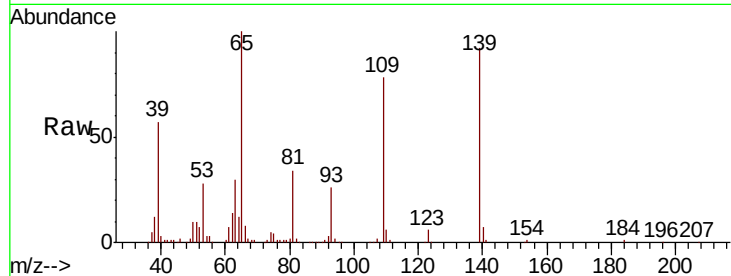




#55  
4-Nitrophenol  
Concen: 82.857 ng  
RT: 14.89 min Scan# 1974  
Delta R.T. 0.01 min  
Lab File: BG036651.D  
Acq: 11 Sep 2018 8:00

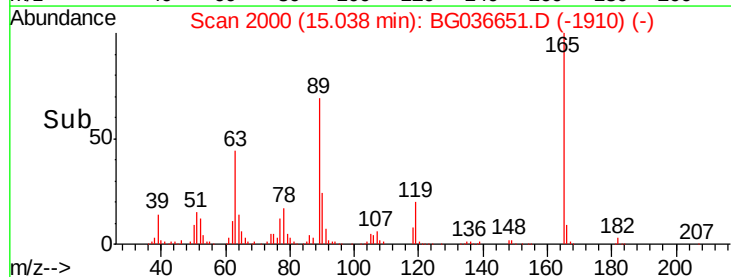
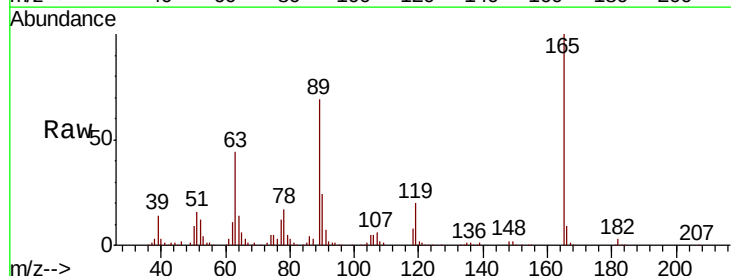
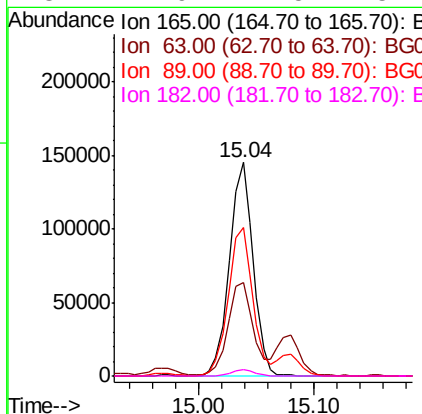
Instrument :  
BNA\_G  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 84.7  | 63.9  | 103.9 |
| 65      | 108.7 | 90.0  | 130.0 |

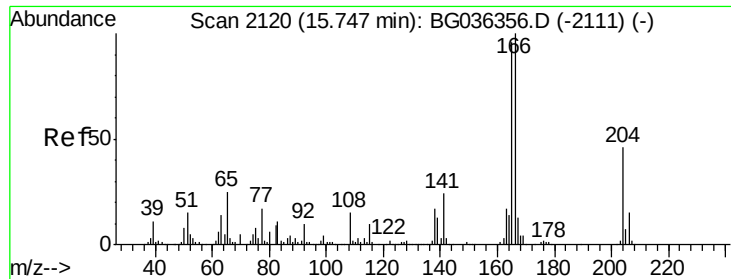


#56  
2,4-Dinitrotoluene  
Concen: 54.436 ng  
RT: 15.04 min Scan# 2000  
Delta R.T. 0.00 min  
Lab File: BG036651.D  
Acq: 11 Sep 2018 8:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 43.8  | 40.1  | 60.1  |
| 89      | 69.4  | 63.7  | 95.5  |
| 182     | 2.9   | 2.5   | 3.7   |



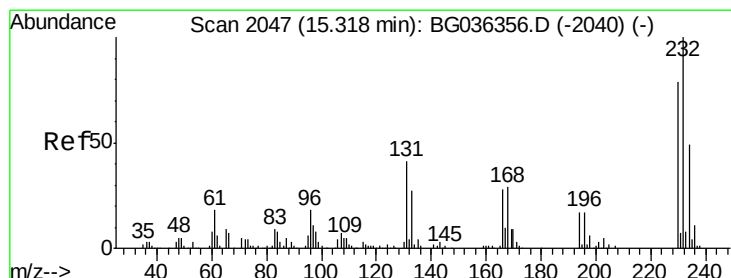
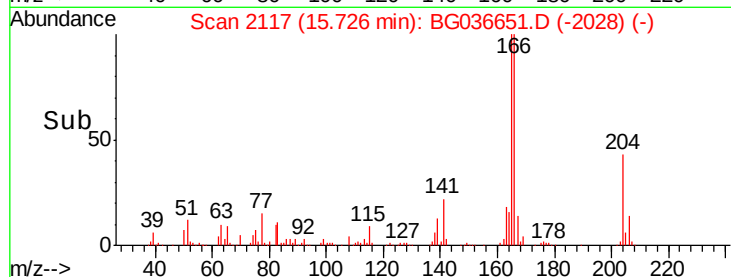
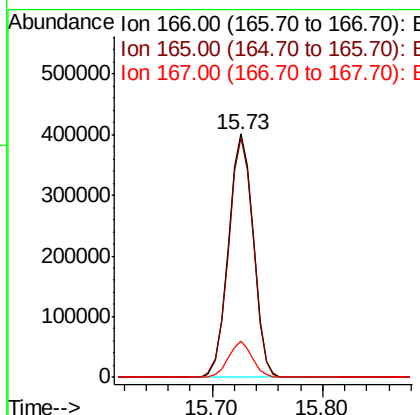
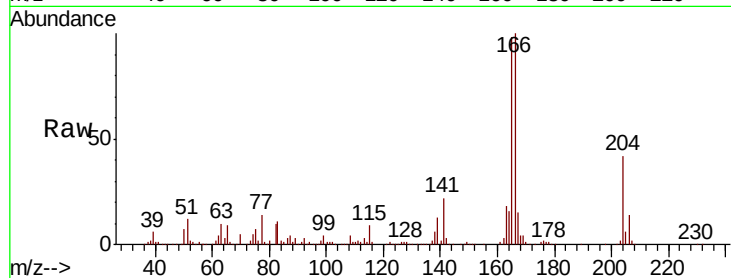




#57  
 Fluorene  
 Concen: 49.281 ng  
 RT: 15.73 min Scan# 2117  
 Delta R.T. -0.01 min  
 Lab File: BG036651.D  
 Acq: 11 Sep 2018 8:00

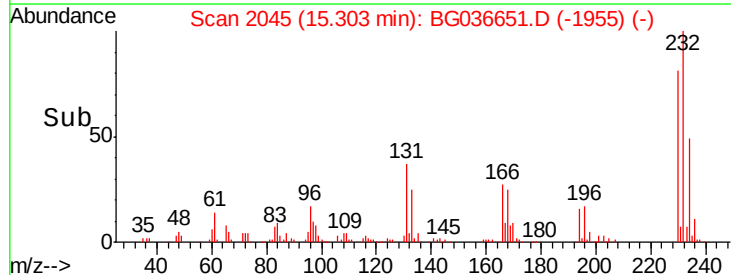
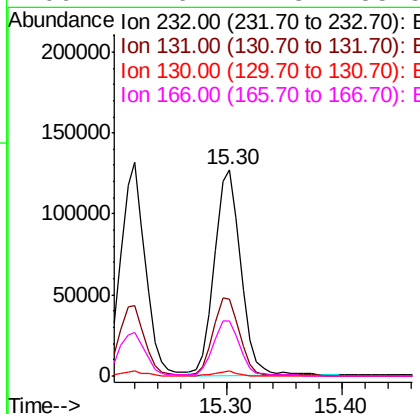
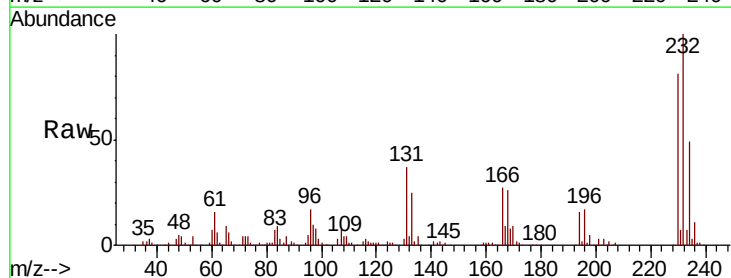
Instrument :  
 BNA\_G  
 ClientSampleID :

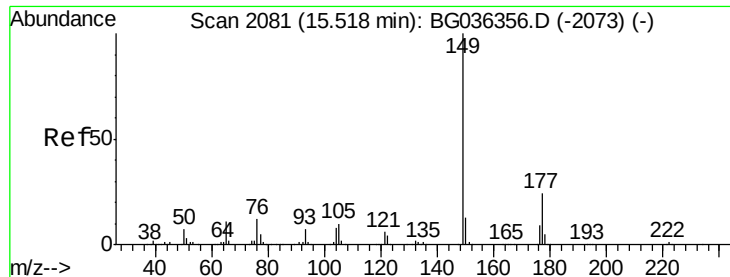
Tot Ion:166 Resp: 631438  
 Ion Ratio Lower Upper  
 166 100  
 165 98.3 77.0 115.4  
 167 14.7 10.6 16.0



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 54.135 ng  
 RT: 15.30 min Scan# 2045  
 Delta R.T. 0.00 min  
 Lab File: BG036651.D  
 Acq: 11 Sep 2018 8:00

Tgt Ion:232 Resp: 201717  
 Ion Ratio Lower Upper  
 232 100  
 131 37.8 33.8 50.8  
 130 2.3 2.1 3.1  
 166 27.6 22.3 33.5

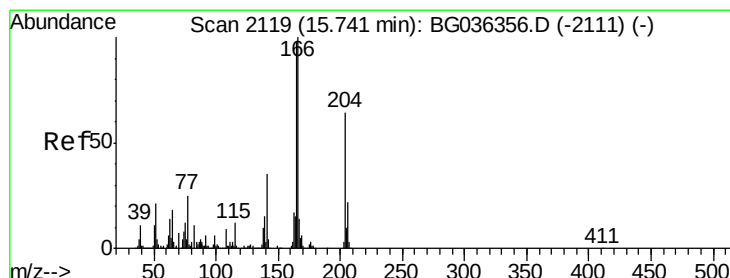
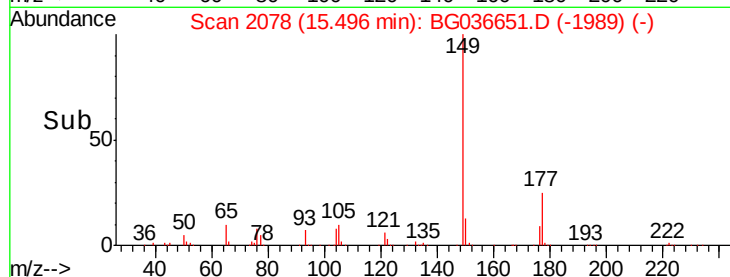
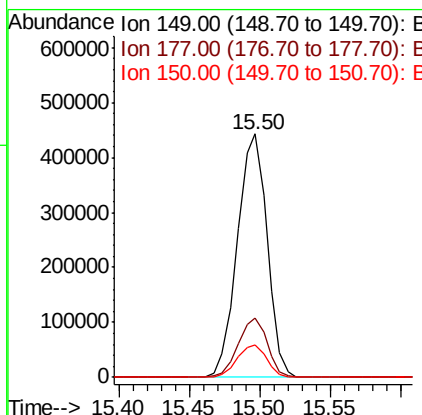
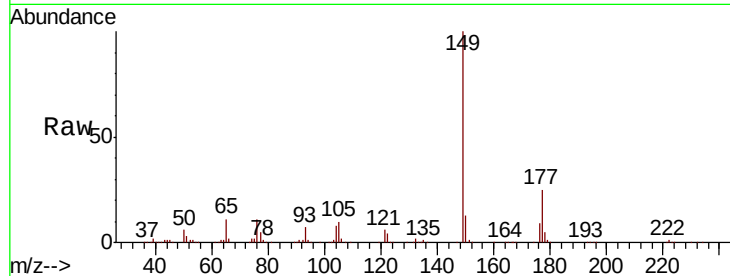




#59  
Diethylphthalate  
Concen: 45.915 ng  
RT: 15.50 min Scan# 2078  
Delta R.T. -0.01 min  
Lab File: BG036651.D  
Acq: 11 Sep 2018 8:00

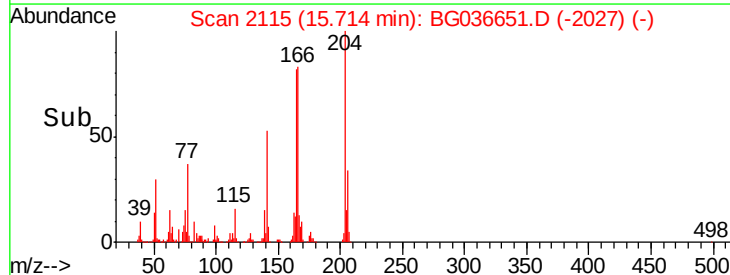
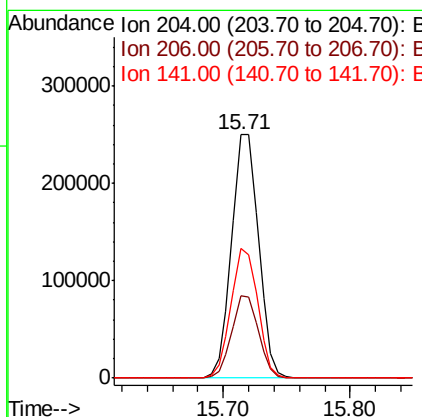
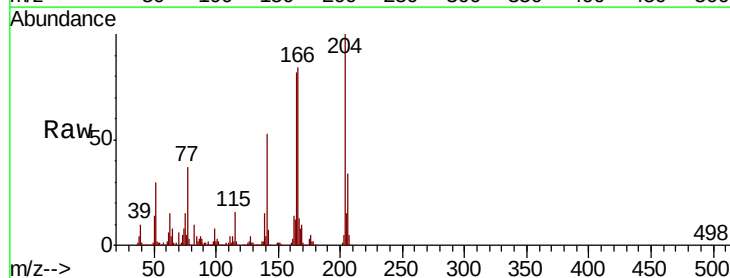
Instrument :  
BNA\_G  
ClientSampleId :

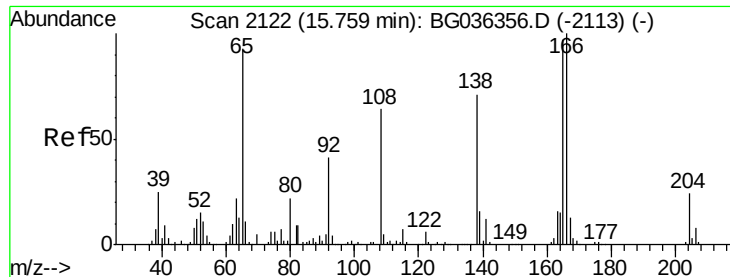
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.6  | 19.1  | 28.7  |
| 150     | 13.3  | 10.7  | 16.1  |



#60  
4-Chlorophenyl-phenylether  
Concen: 46.438 ng  
RT: 15.71 min Scan# 2115  
Delta R.T. -0.01 min  
Lab File: BG036651.D  
Acq: 11 Sep 2018 8:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.9  | 27.0  | 40.4  |
| 141     | 53.2  | 43.8  | 65.6  |

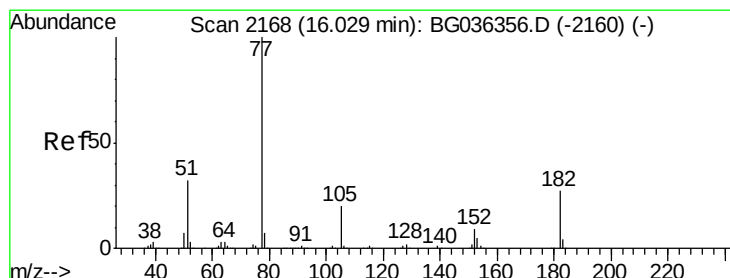
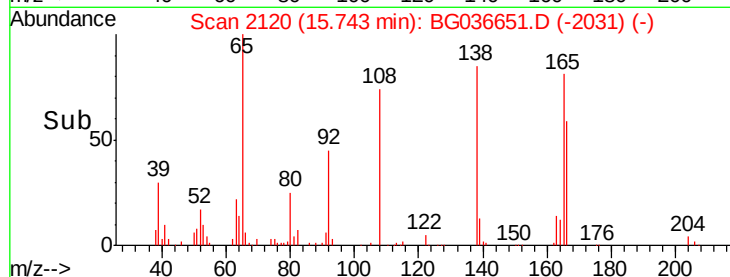
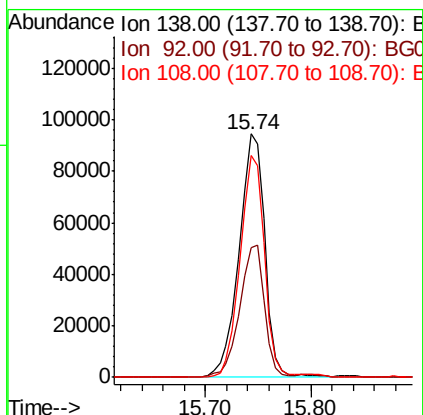
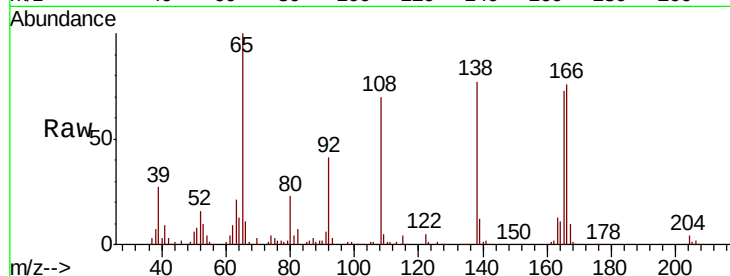




#61  
4-Nitroaniline  
Concen: 48.840 ng  
RT: 15.74 min Scan# 2120  
Delta R.T. -0.01 min  
Lab File: BG036651.D  
Acq: 11 Sep 2018 8:00

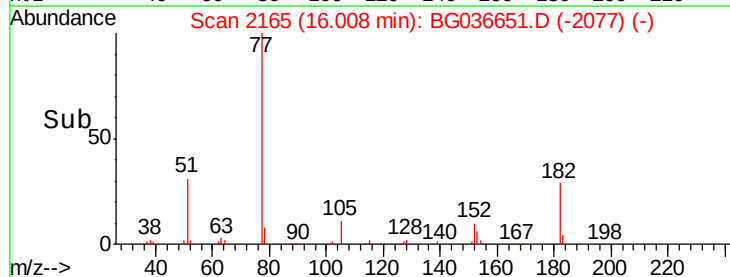
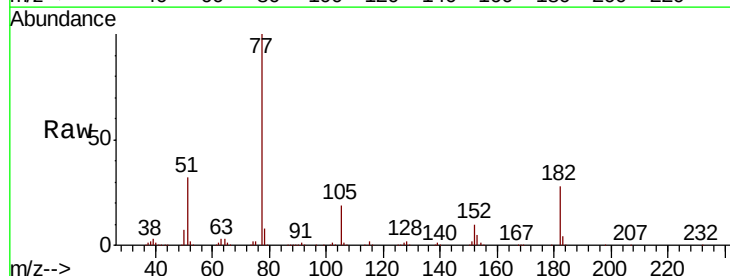
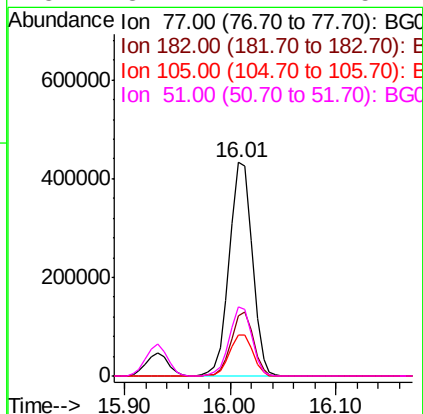
Instrument :  
BNA\_G  
ClientSampleId :

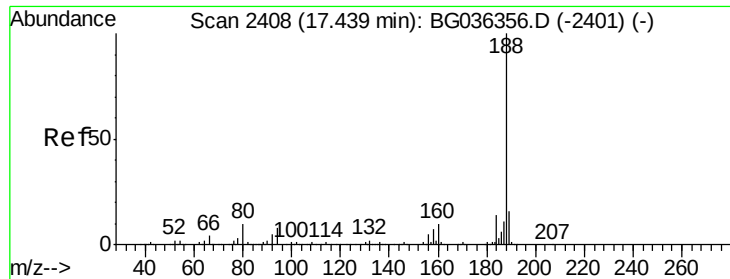
Tot Ion:138 Resp: 159616  
Ion Ratio Lower Upper  
138 100  
92 53.4 38.5 78.5  
108 91.2 70.3 110.3



#62  
Azobenzene  
Concen: 44.792 ng  
RT: 16.01 min Scan# 2165  
Delta R.T. -0.01 min  
Lab File: BG036651.D  
Acq: 11 Sep 2018 8:00

Tgt Ion: 77 Resp: 646887  
Ion Ratio Lower Upper  
77 100  
182 27.9 6.7 46.7  
105 19.4 0.0 39.8  
51 32.2 12.4 52.4

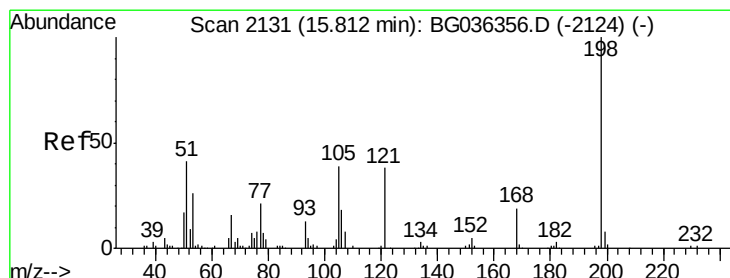
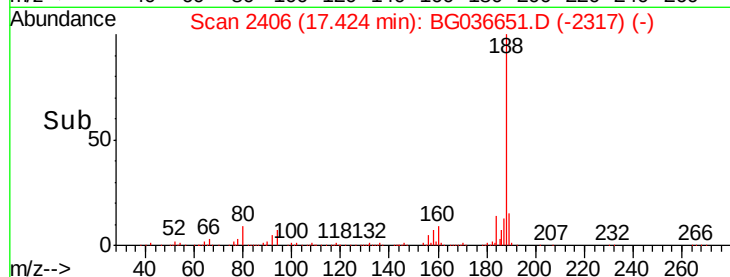
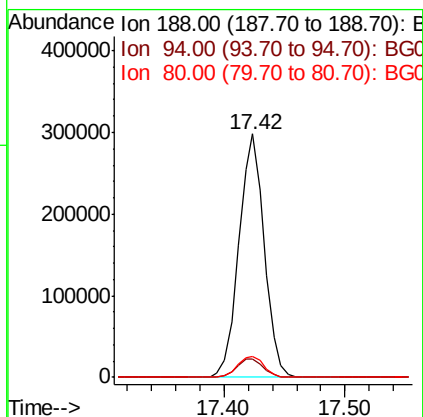
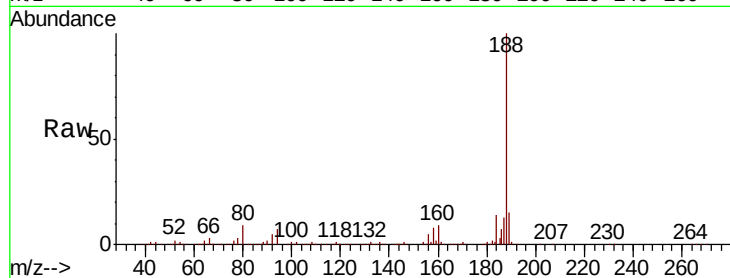




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.42 min Scan# 2406  
Delta R.T. -0.01 min  
Lab File: BG036651.D  
Acq: 11 Sep 2018 8:00

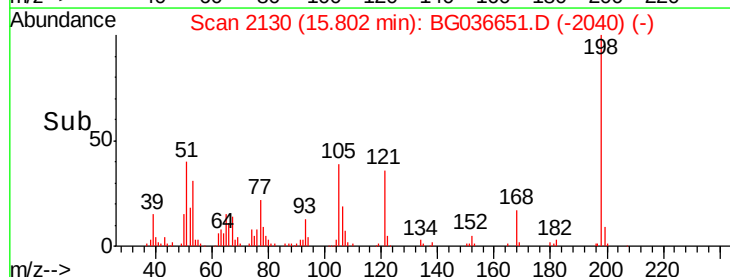
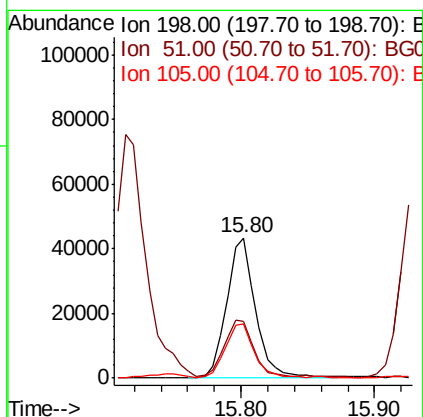
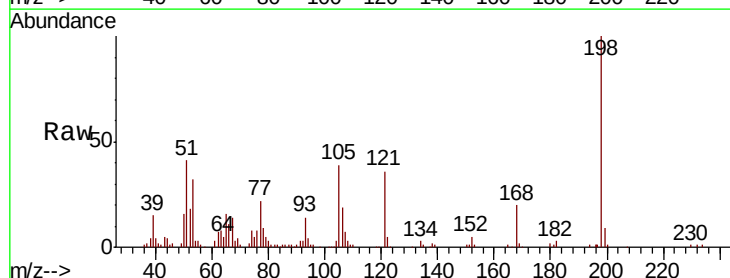
Instrument :  
BNA\_G  
ClientSampleId :

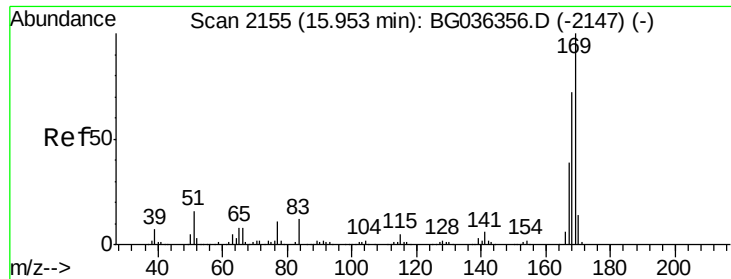
Tot Ion:188 Resp: 435635  
Ion Ratio Lower Upper  
188 100  
94 7.4 6.7 10.1  
80 8.6 8.1 12.1



#64  
4,6-Dinitro-2-methylphenol  
Concen: 34.454 ng  
RT: 15.80 min Scan# 2130  
Delta R.T. 0.00 min  
Lab File: BG036651.D  
Acq: 11 Sep 2018 8:00

Tgt Ion:198 Resp: 65934  
Ion Ratio Lower Upper  
198 100  
51 40.6 26.5 66.5  
105 39.0 20.2 60.2





#65

n-Nitrosodiphenylamine

Concen: 45.352 ng

RT: 15.93 min Scan# 2152

Delta R.T. -0.01 min

Lab File: BG036651.D

Acq: 11 Sep 2018 8:00

Instrument :

BNA\_G

ClientSampleId :

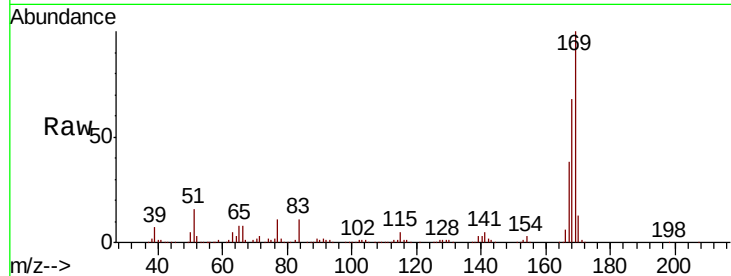
Tot Ion:169 Resp: 587043

Ion Ratio Lower Upper

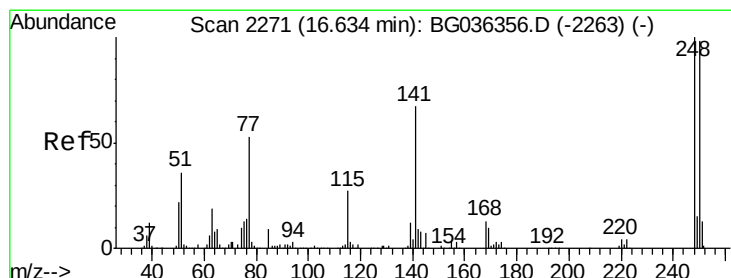
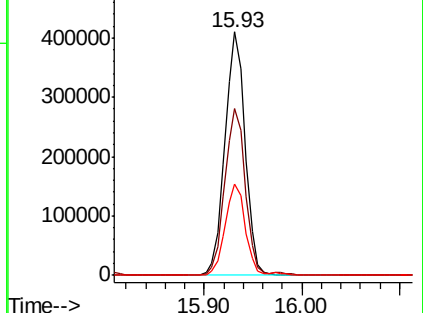
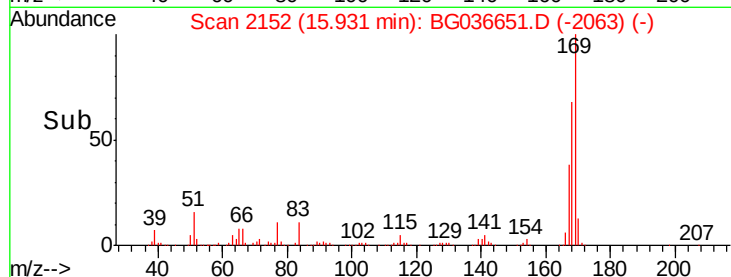
169 100

168 68.4 57.6 86.4

167 37.7 31.0 46.4



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: 48.282 ng

RT: 16.61 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BG036651.D

Acq: 11 Sep 2018 8:00

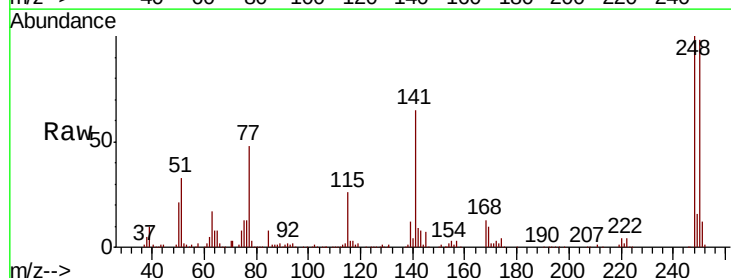
Tgt Ion:248 Resp: 246258

Ion Ratio Lower Upper

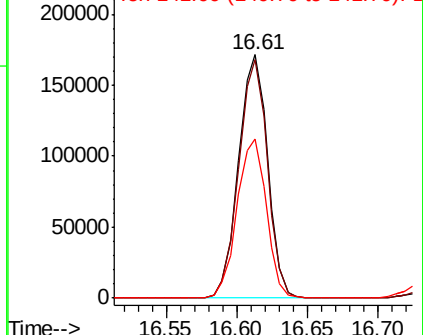
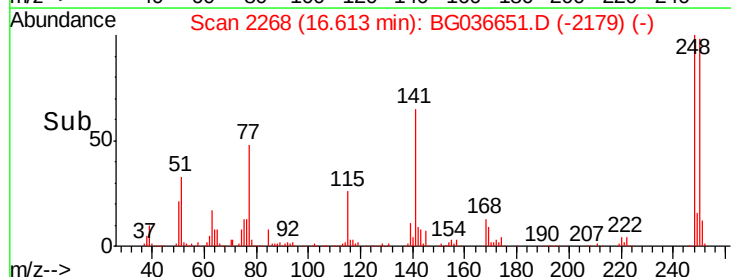
248 100

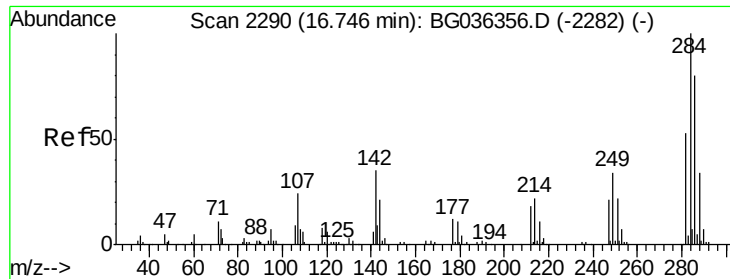
250 98.1 78.1 117.1

141 65.3 53.7 80.5



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

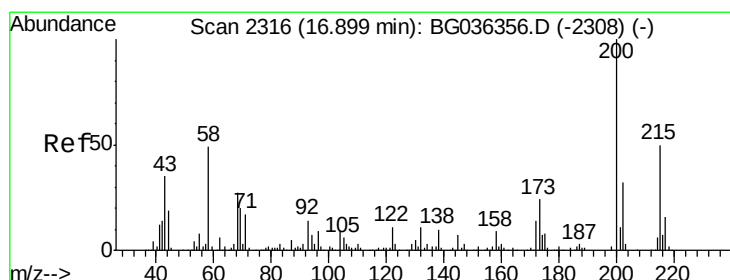
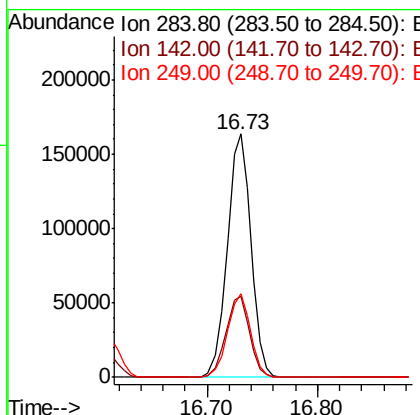
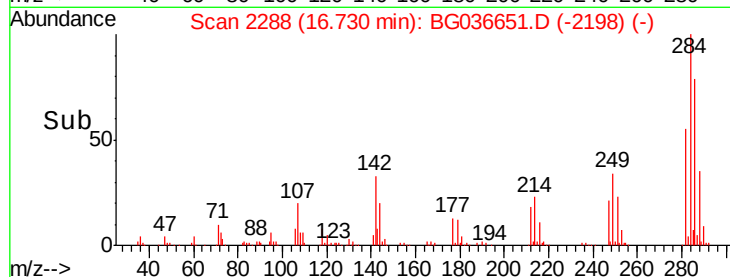
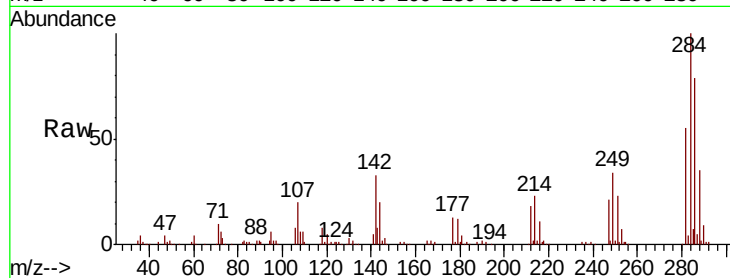




#67  
Hexachlorobenzene  
Concen: 46.967 ng  
RT: 16.73 min Scan# 2288  
Delta R.T. 0.00 min  
Lab File: BG036651.D  
Acq: 11 Sep 2018 8:00

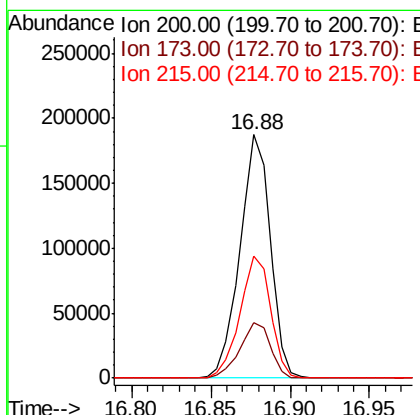
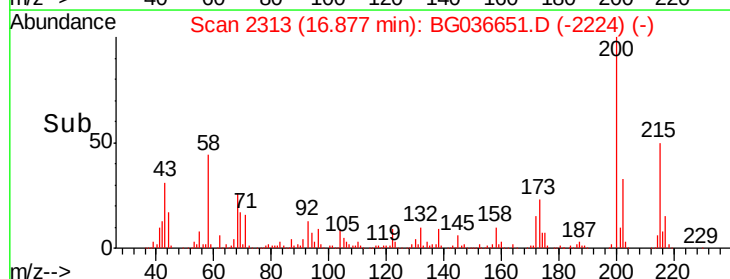
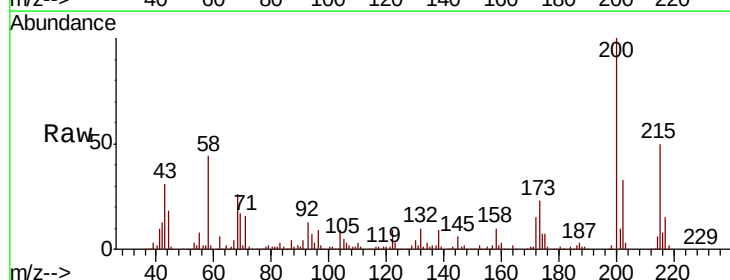
Instrument :  
BNA\_G  
ClientSampled :

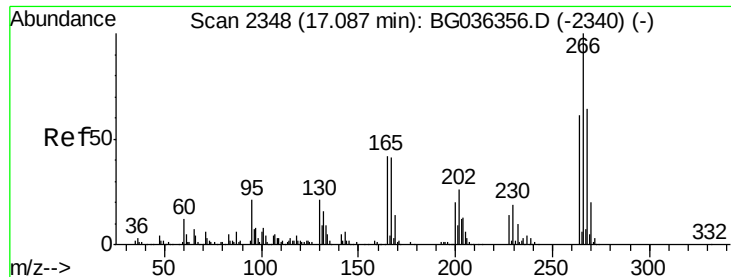
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 33.2  | 27.8  | 41.6  |
| 249     | 34.4  | 27.4  | 41.2  |



#68  
Atrazine  
Concen: 51.170 ng  
RT: 16.88 min Scan# 2313  
Delta R.T. -0.01 min  
Lab File: BG036651.D  
Acq: 11 Sep 2018 8:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 23.0  | 3.9   | 43.9  |
| 215     | 50.3  | 30.4  | 70.4  |

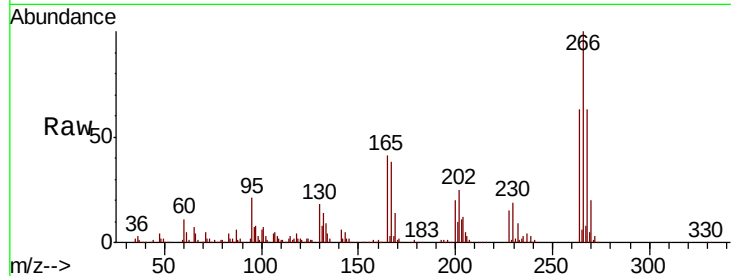




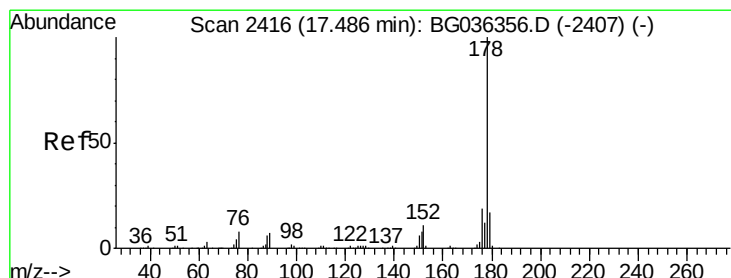
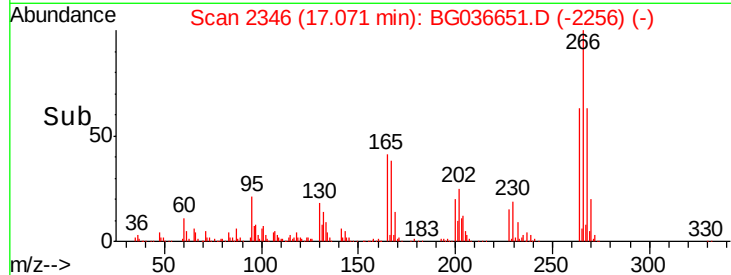
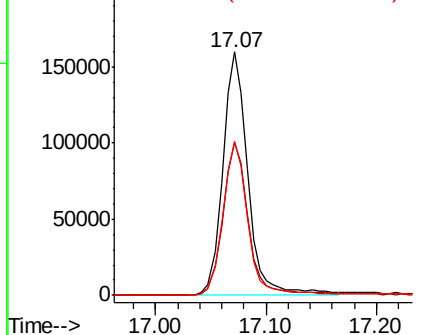
#69  
 Pentachlorophenol  
 Concen: 71.615 ng  
 RT: 17.07 min Scan# 2346  
 Delta R.T. 0.00 min  
 Lab File: BG036651.D  
 Acq: 11 Sep 2018 8:00

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:266 Resp: 253842  
 Ion Ratio Lower Upper  
 266 100  
 268 62.5 51.4 77.2  
 264 63.4 48.9 73.3

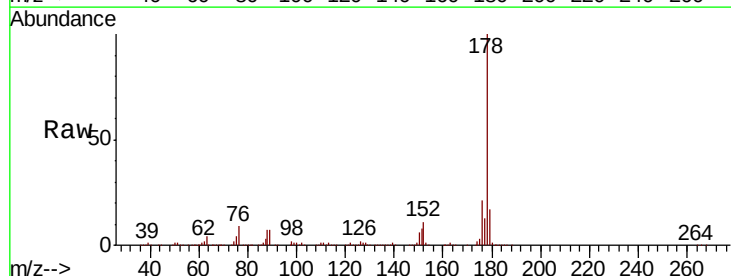


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

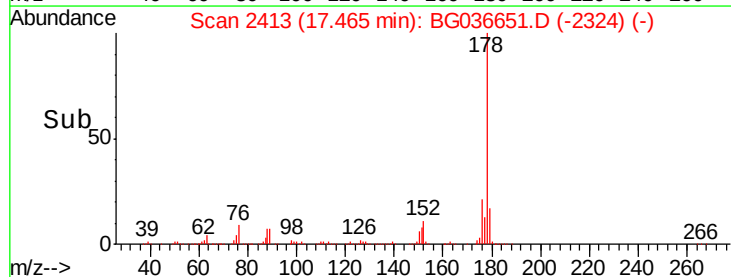
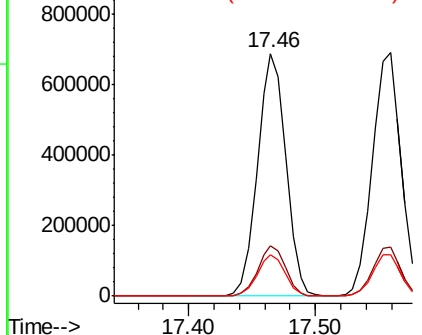


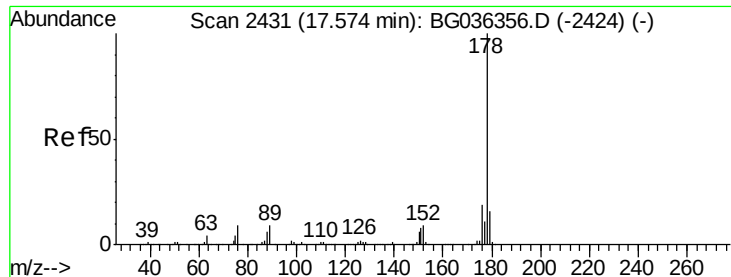
#70  
 Phenanthrene  
 Concen: 48.330 ng  
 RT: 17.46 min Scan# 2413  
 Delta R.T. -0.01 min  
 Lab File: BG036651.D  
 Acq: 11 Sep 2018 8:00

Tgt Ion:178 Resp: 1069836  
 Ion Ratio Lower Upper  
 178 100  
 176 21.0 15.4 23.2  
 179 17.0 13.4 20.2



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

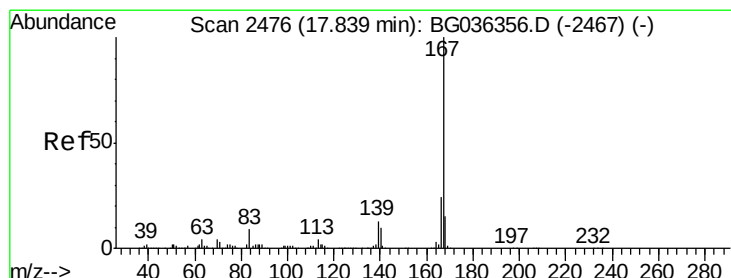
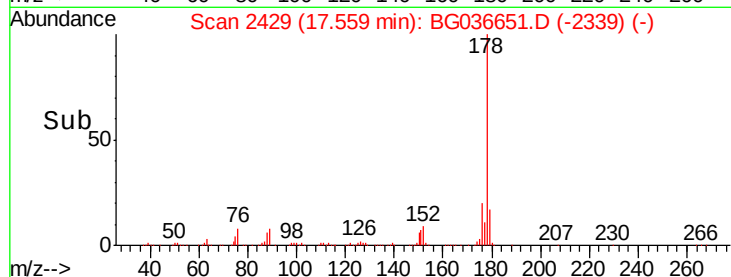
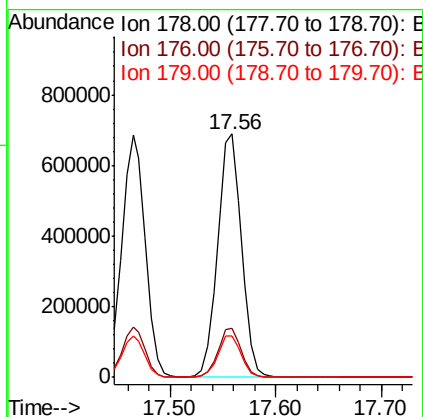
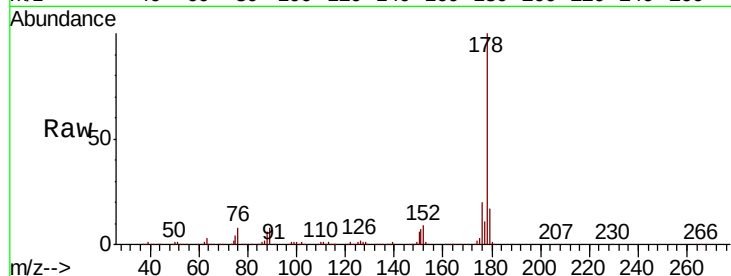




#71  
 Anthracene  
 Concen: 49.119 ng  
 RT: 17.56 min Scan# 2429  
 Delta R.T. 0.00 min  
 Lab File: BG036651.D  
 Acq: 11 Sep 2018 8:00

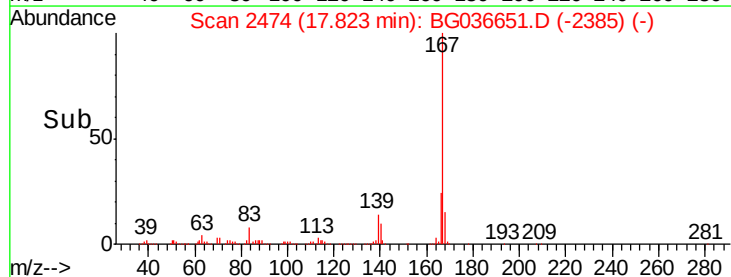
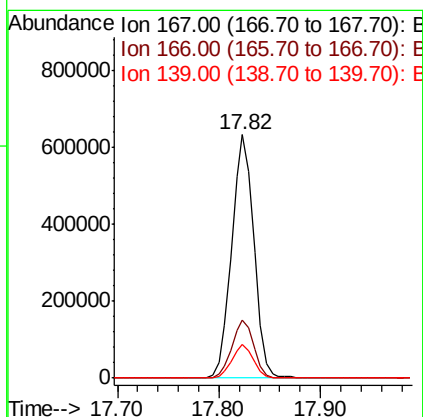
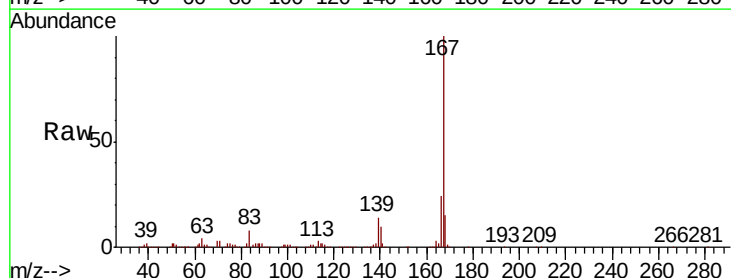
Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:178 Resp: 1083841  
 Ion Ratio Lower Upper  
 178 100  
 176 20.1 15.4 23.2  
 179 16.9 13.0 19.4

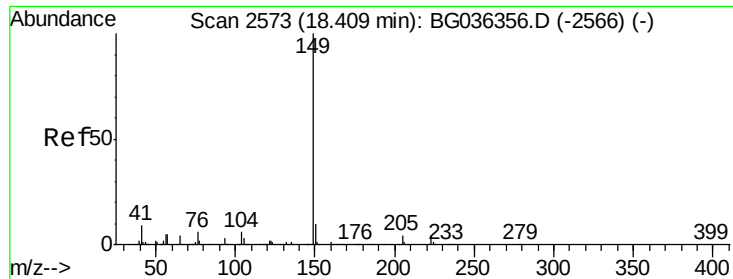


#72  
 Carbazole  
 Concen: 43.613 ng  
 RT: 17.82 min Scan# 2474  
 Delta R.T. -0.01 min  
 Lab File: BG036651.D  
 Acq: 11 Sep 2018 8:00

Tgt Ion:167 Resp: 961080  
 Ion Ratio Lower Upper  
 167 100  
 166 24.0 19.5 29.3  
 139 13.7 10.7 16.1







#73

Di-n-butylphthalate

Concen: 44.505 ng

RT: 18.38 min Scan# 2569

Delta R.T. -0.01 min

Lab File: BG036651.D

Acq: 11 Sep 2018 8:00

Instrument :

BNA\_G

ClientSampled :

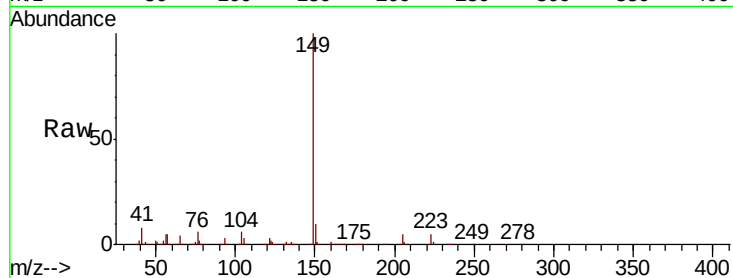
Tot Ion:149 Resp: 1092127

Ion Ratio Lower Upper

149 100

150 10.1 8.1 12.1

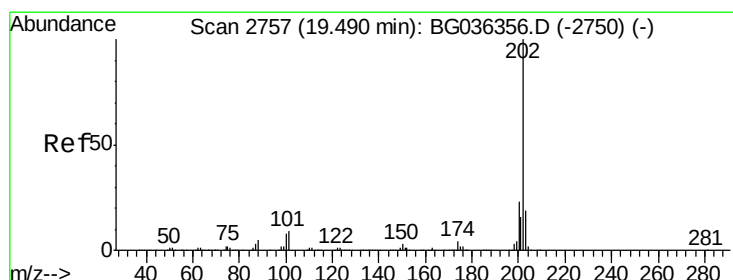
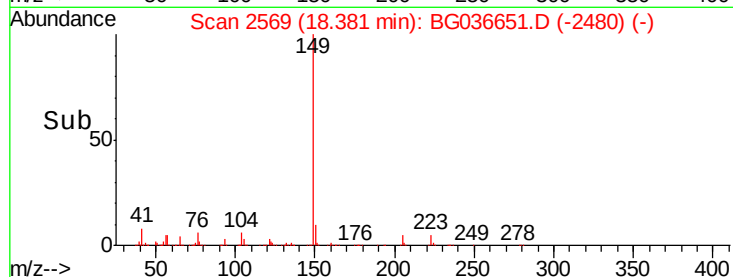
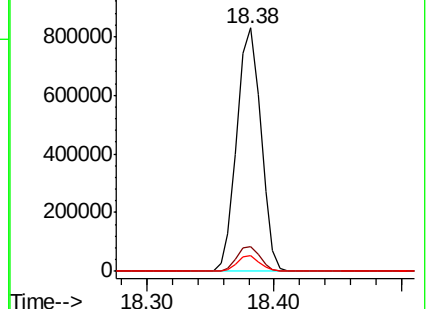
104 6.3 4.6 6.8



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



#74

Fluoranthene

Concen: 48.689 ng

RT: 19.47 min Scan# 2754

Delta R.T. -0.01 min

Lab File: BG036651.D

Acq: 11 Sep 2018 8:00

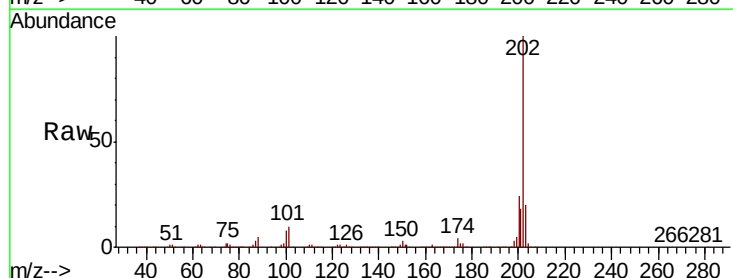
Tgt Ion:202 Resp: 1314035

Ion Ratio Lower Upper

202 100

101 9.9 0.0 29.4

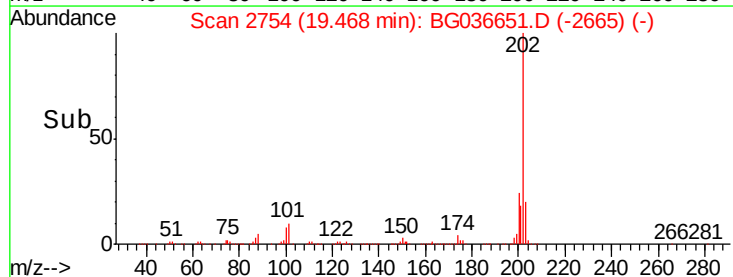
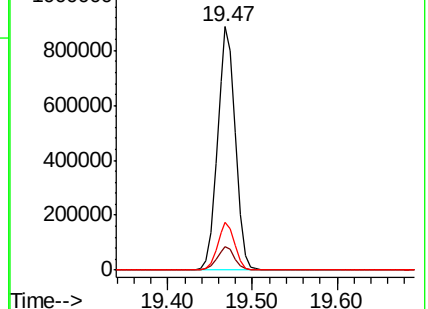
203 19.6 0.0 38.9

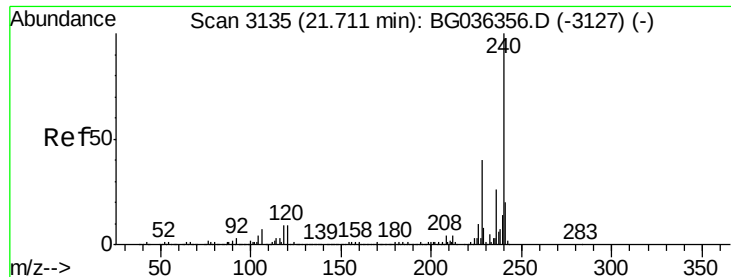


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BG036651.D

Acq: 11 Sep 2018 8:00

Instrument :

BNA\_G

ClientSampleId :

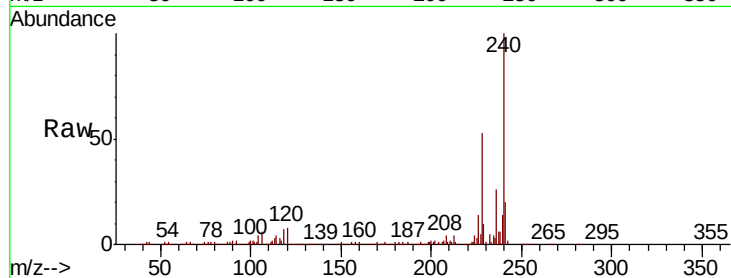
Tot Ion:240 Resp: 452743

Ion Ratio Lower Upper

240 100

120 8.1 6.9 10.3

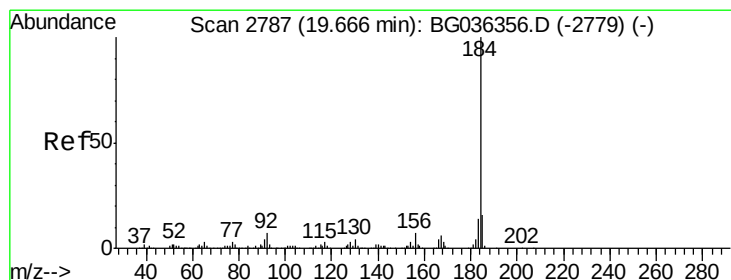
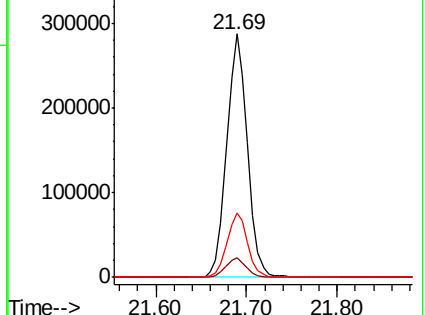
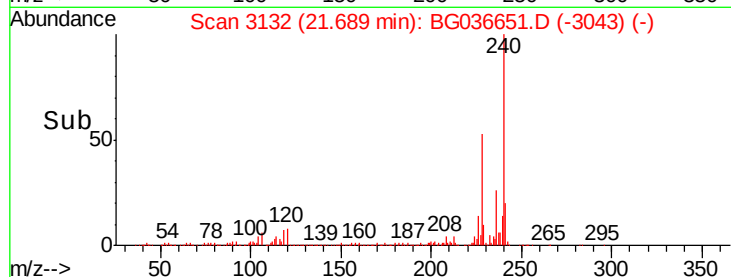
236 26.2 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.491 ng

RT: 19.65 min Scan# 2785

Delta R.T. 0.00 min

Lab File: BG036651.D

Acq: 11 Sep 2018 8:00

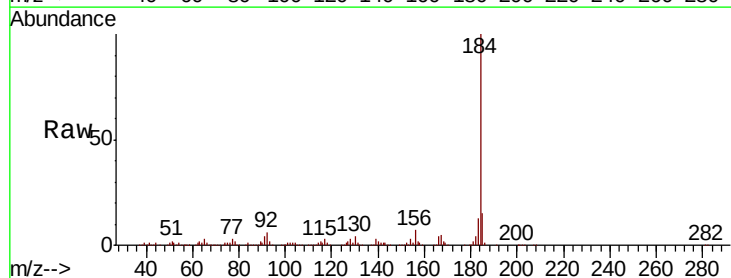
Tgt Ion:184 Resp: 613766

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

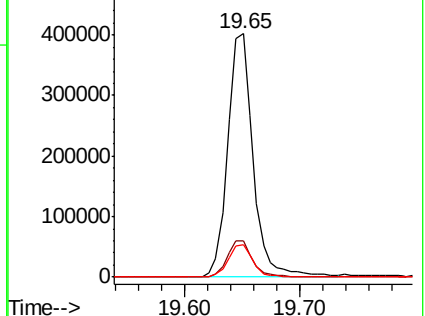
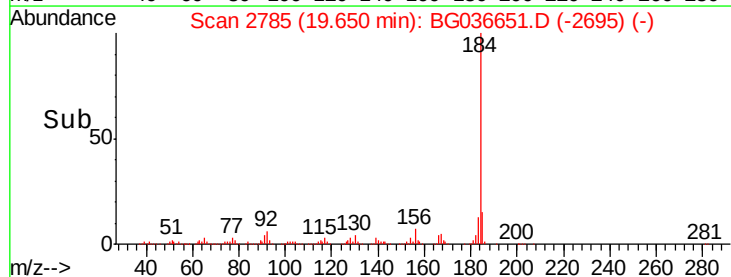
183 13.4 10.9 16.3

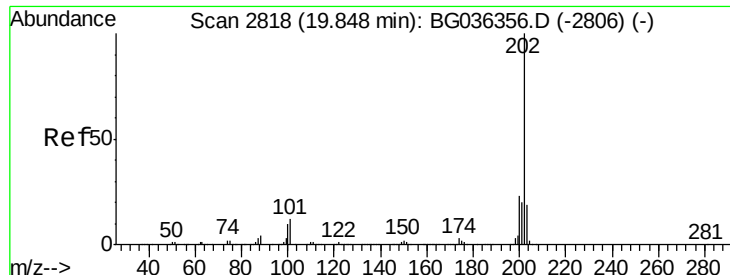


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

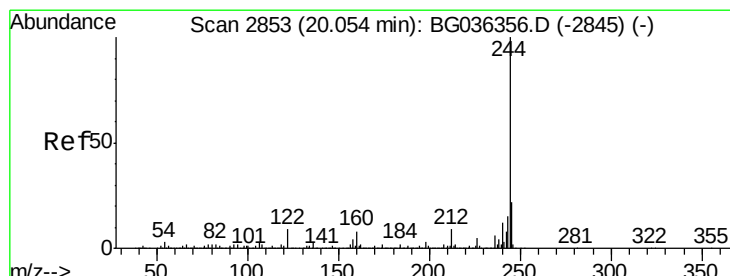
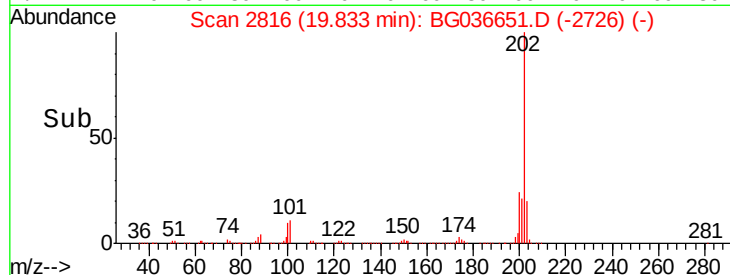
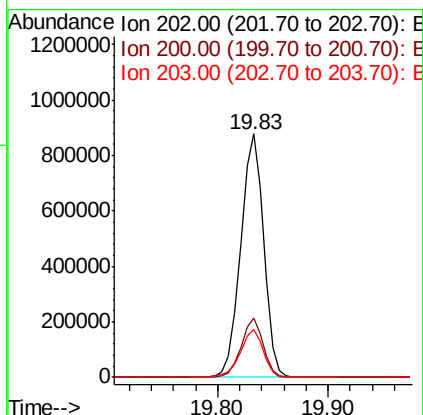
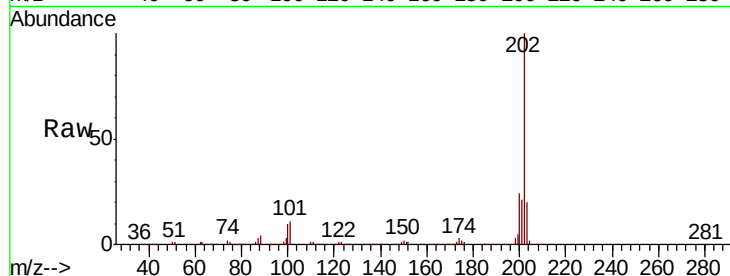




#77  
Pvrene  
Concen: 46.229 ng  
RT: 19.83 min Scan# 2816  
Delta R.T. 0.00 min  
Lab File: BG036651.D  
Acq: 11 Sep 2018 8:00

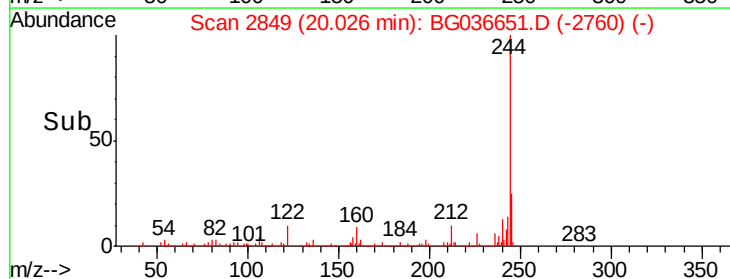
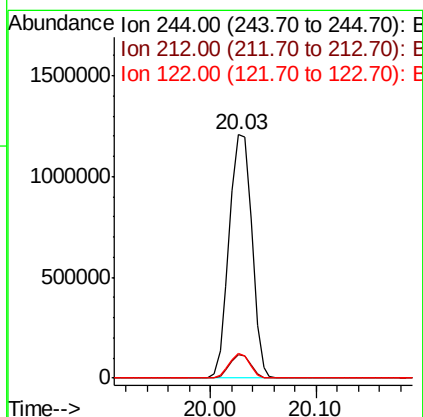
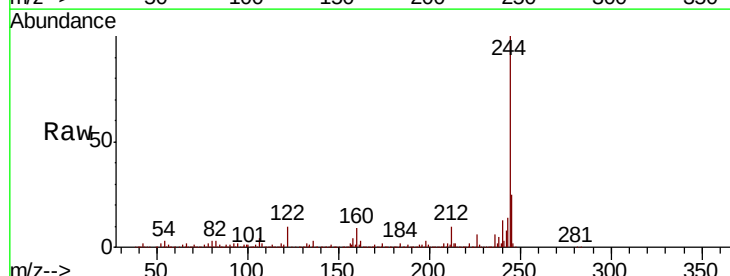
Instrument :  
BNA\_G  
ClientSampled :

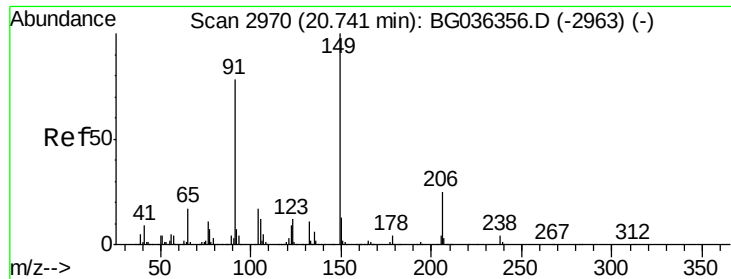
Tot Ion:202 Resp: 1287062  
Ion Ratio Lower Upper  
202 100  
200 24.3 18.3 27.5  
203 19.9 15.1 22.7



#78  
Terphenyl-d14  
Concen: 92.774 ng  
RT: 20.03 min Scan# 2849  
Delta R.T. -0.01 min  
Lab File: BG036651.D  
Acq: 11 Sep 2018 8:00

Tgt Ion:244 Resp: 1797023  
Ion Ratio Lower Upper  
244 100  
212 9.8 7.0 10.6  
122 10.0 7.1 10.7

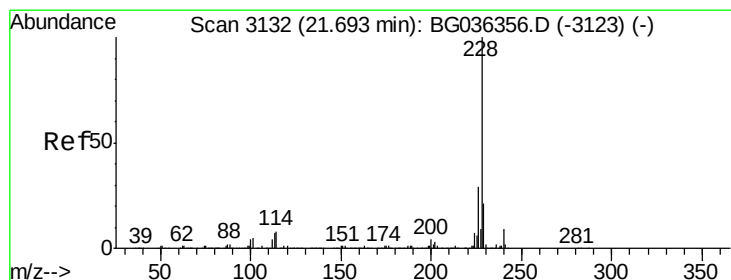
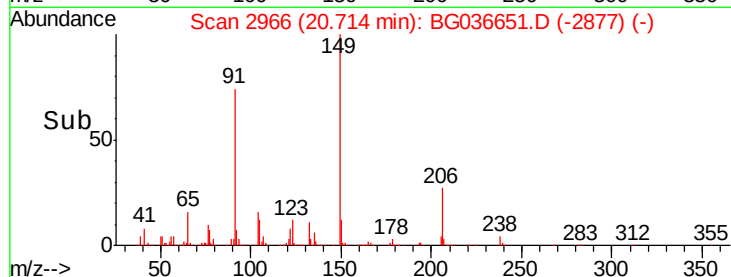
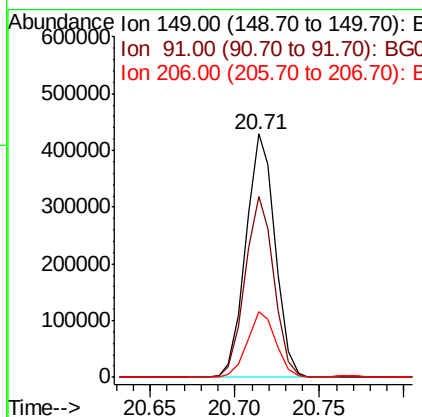
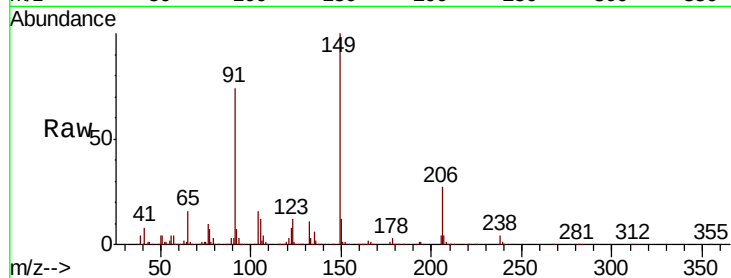




#79  
Butylbenzylphthalate  
Concen: 46.762 ng  
RT: 20.71 min Scan# 2966  
Delta R.T. -0.01 min  
Lab File: BG036651.D  
Acq: 11 Sep 2018 8:00

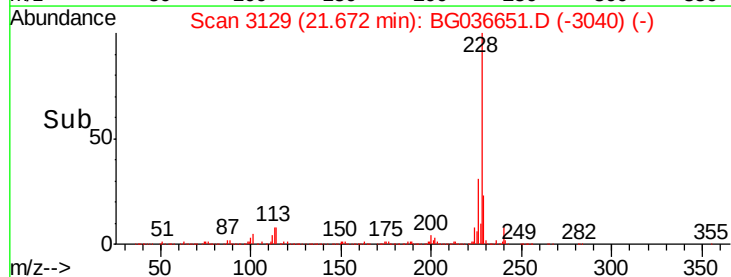
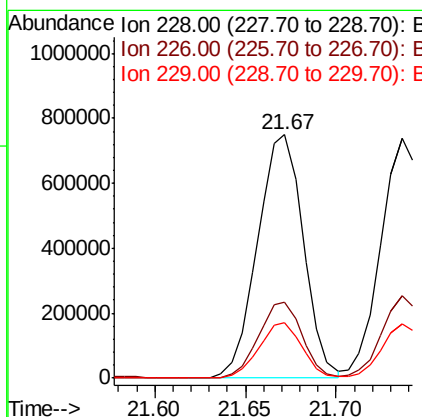
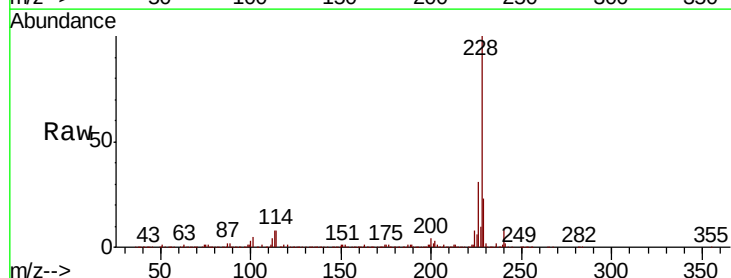
Instrument :  
BNA\_G  
ClientSampled :

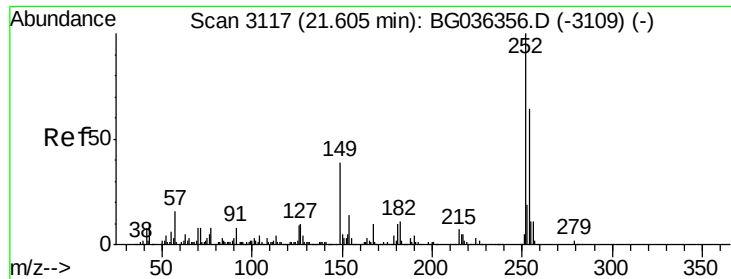
Tot Ion:149 Resp: 518116  
Ion Ratio Lower Upper  
149 100  
91 74.2 62.0 93.0  
206 27.2 19.6 29.4



#80  
Benzo(a)anthracene  
Concen: 47.960 ng  
RT: 21.67 min Scan# 3129  
Delta R.T. -0.01 min  
Lab File: BG036651.D  
Acq: 11 Sep 2018 8:00

Tgt Ion:228 Resp: 1315438  
Ion Ratio Lower Upper  
228 100  
226 31.1 23.4 35.2  
229 23.0 17.1 25.7

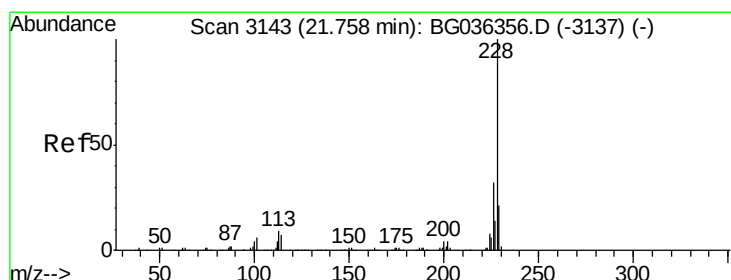
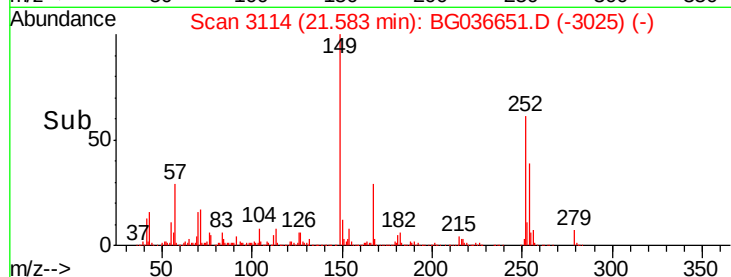
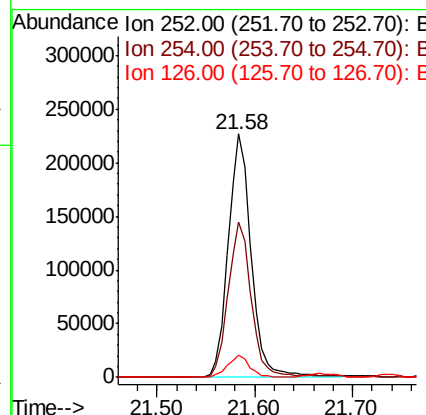
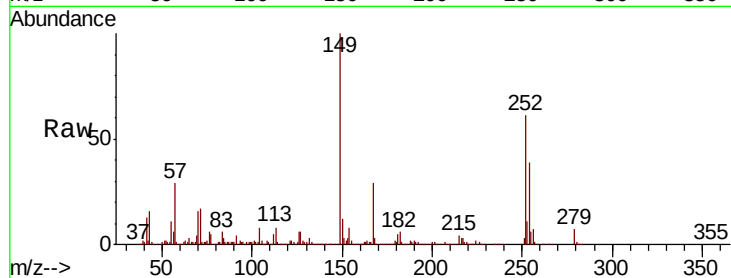




#81  
 3,3'-Dichlorobenzidine  
 Concen: 34.004 ng  
 RT: 21.58 min Scan# 3114  
 Delta R.T. -0.01 min  
 Lab File: BG036651.D  
 Acq: 11 Sep 2018 8:00

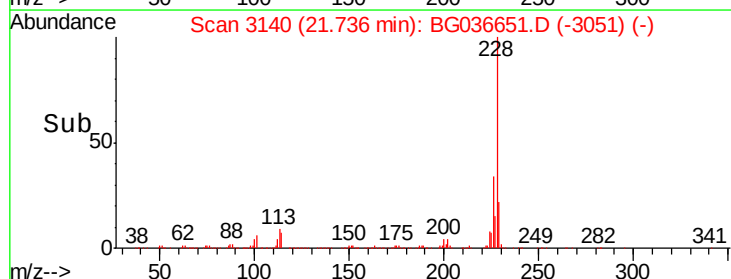
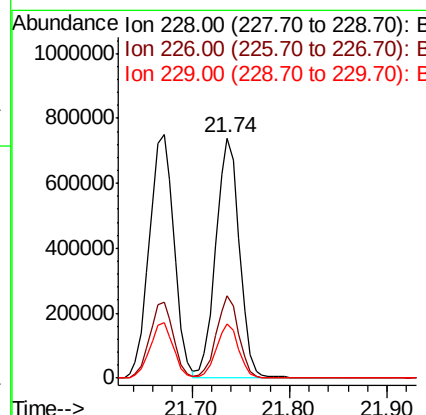
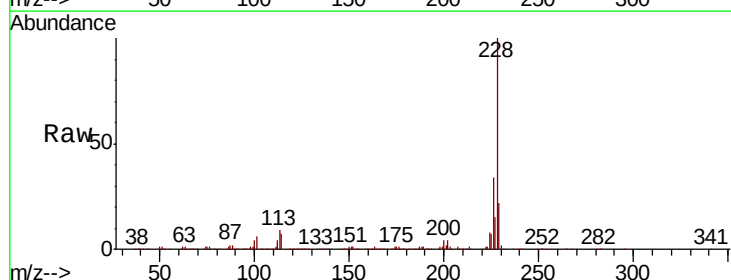
Instrument :  
 BNA\_G  
 ClientSampleId :

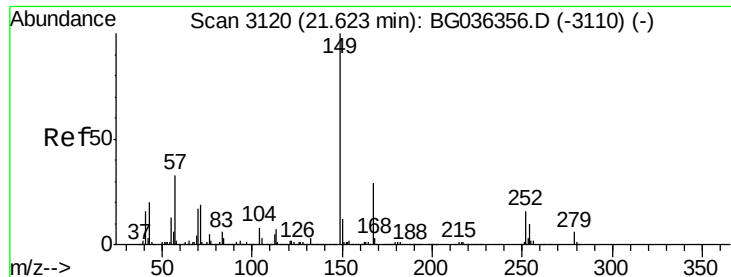
Tot Ion:252 Resp: 371702  
 Ion Ratio Lower Upper  
 252 100  
 254 63.8 51.0 76.4  
 126 9.1 7.4 11.0



#82  
 Chrysene  
 Concen: 47.398 ng  
 RT: 21.74 min Scan# 3140  
 Delta R.T. -0.01 min  
 Lab File: BG036651.D  
 Acq: 11 Sep 2018 8:00

Tgt Ion:228 Resp: 1232260  
 Ion Ratio Lower Upper  
 228 100  
 226 34.3 25.5 38.3  
 229 22.4 16.9 25.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.887 ng

RT: 21.58 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BG036651.D

Acq: 11 Sep 2018 8:00

Instrument :

BNA\_G

ClientSampleId :

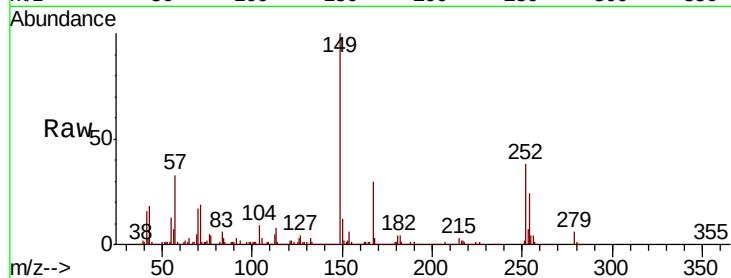
Tot Ion:149 Resp: 711474

Ion Ratio Lower Upper

149 100

167 30.5 23.4 35.0

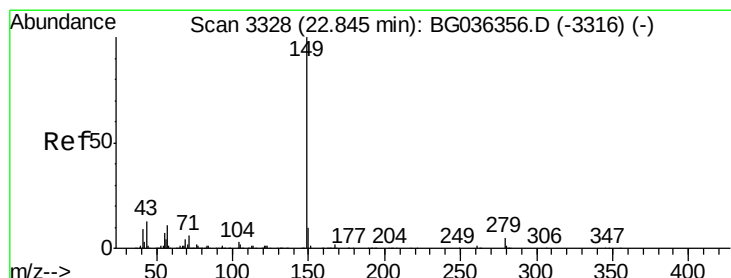
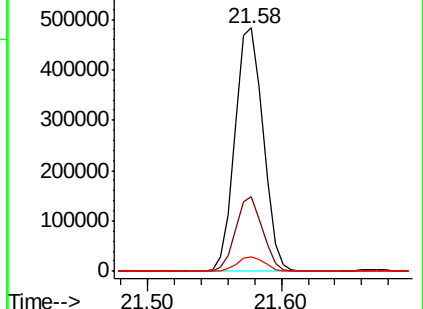
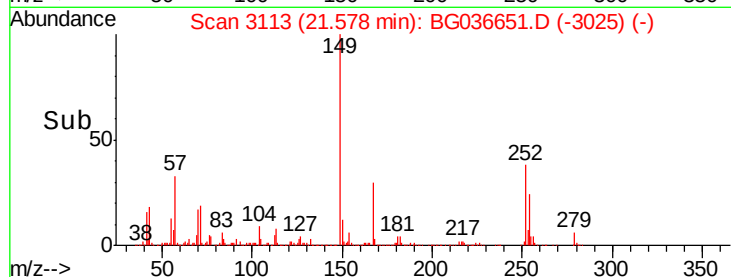
279 6.1 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.533 ng

RT: 22.79 min Scan# 3319

Delta R.T. -0.01 min

Lab File: BG036651.D

Acq: 11 Sep 2018 8:00

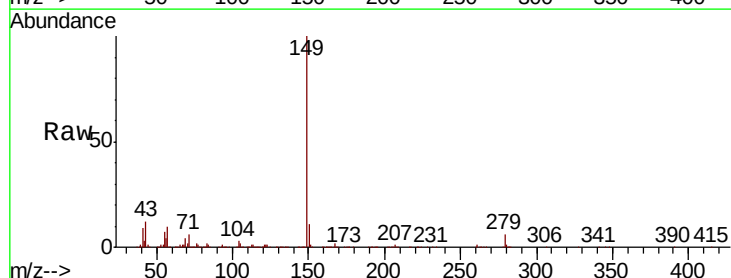
Tgt Ion:149 Resp: 1205099

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

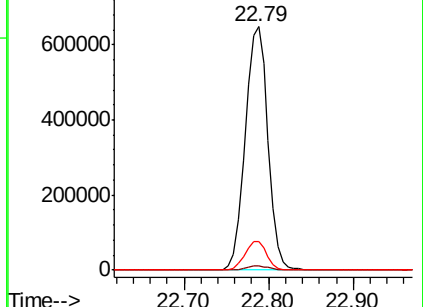
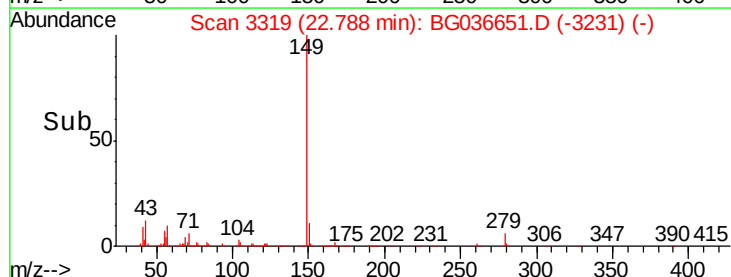
43 11.3 10.0 15.0

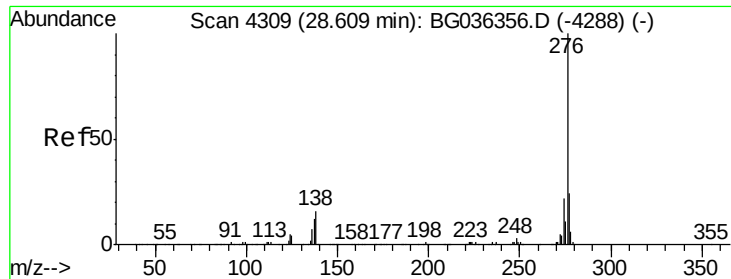


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

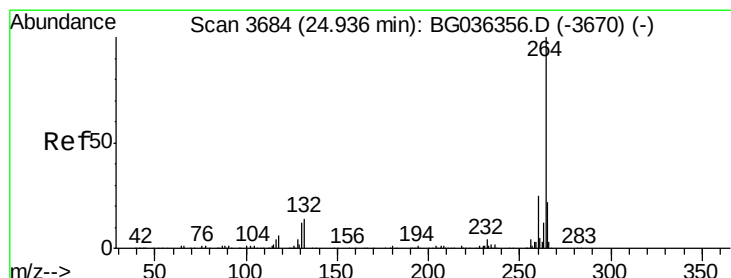
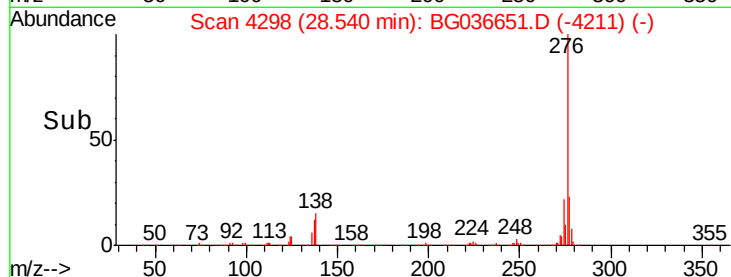
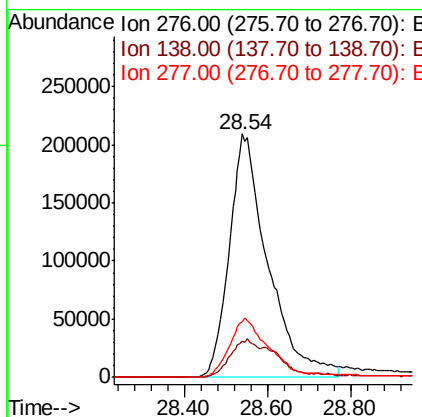
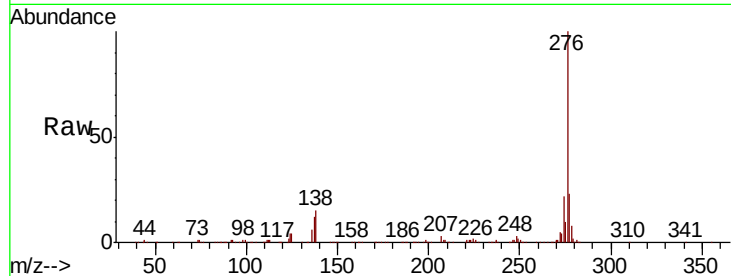




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 44.580 ng  
 RT: 28.54 min Scan# 4298  
 Delta R.T. -0.02 min  
 Lab File: BG036651.D  
 Acq: 11 Sep 2018 8:00

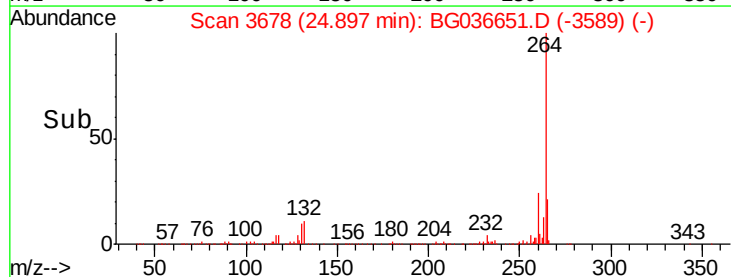
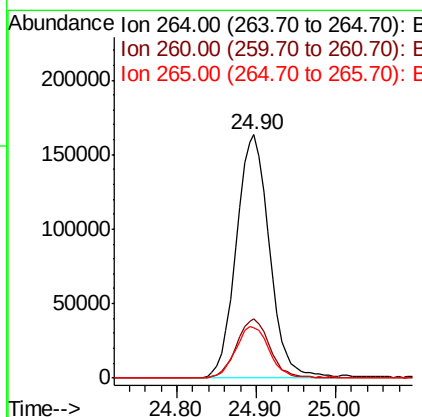
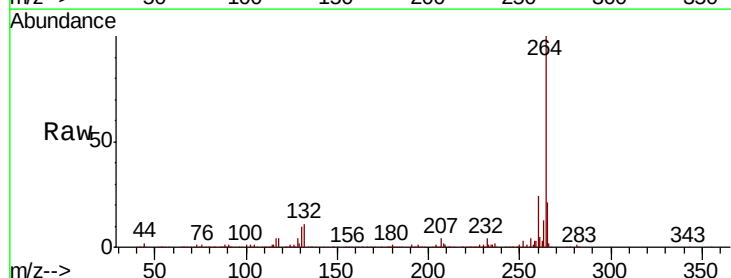
Instrument :  
 BNA\_G  
 ClientSampled :

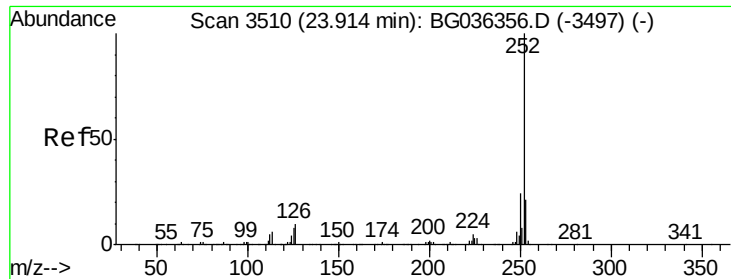
Tot Ion:276 Resp: 1346143  
 Ion Ratio Lower Upper  
 276 100  
 138 10.9 10.6 15.8  
 277 24.2 20.6 30.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.90 min Scan# 3678  
 Delta R.T. -0.01 min  
 Lab File: BG036651.D  
 Acq: 11 Sep 2018 8:00

Tgt Ion:264 Resp: 474671  
 Ion Ratio Lower Upper  
 264 100  
 260 24.5 19.6 29.4  
 265 20.8 17.4 26.0

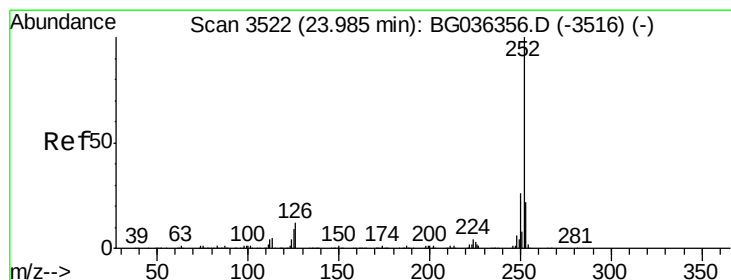
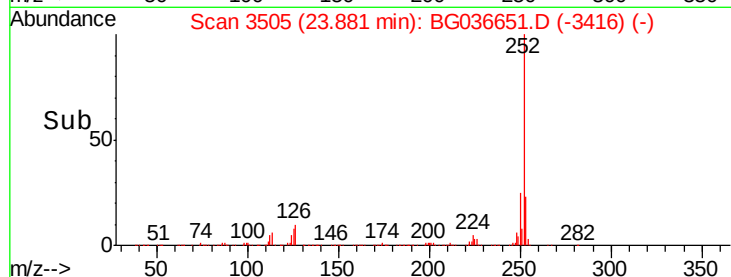
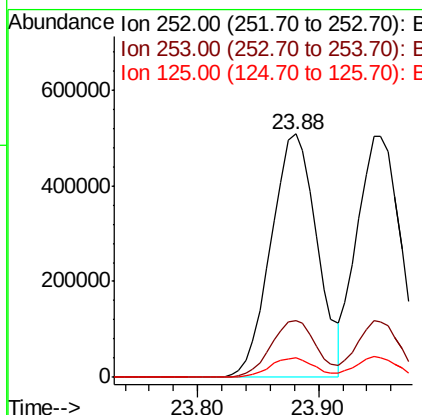
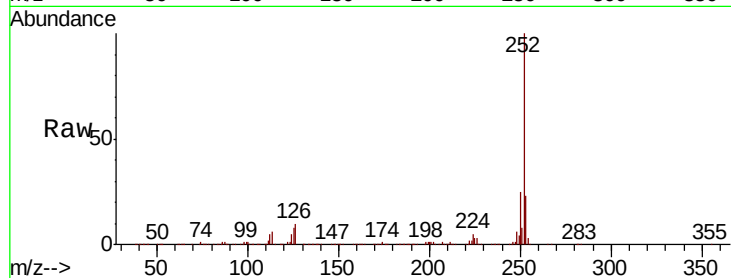




#87  
Benzo(b)fluoranthene  
Concen: 50.987 ng  
RT: 23.88 min Scan# 3505  
Delta R.T. -0.01 min  
Lab File: BG036651.D  
Acq: 11 Sep 2018 8:00

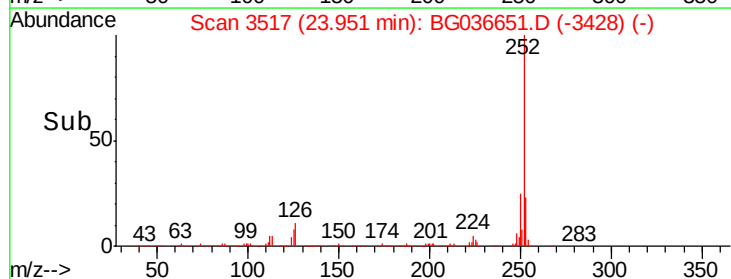
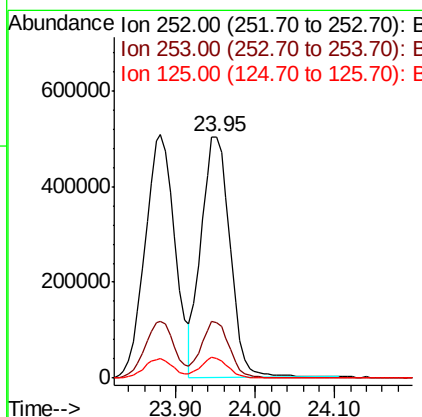
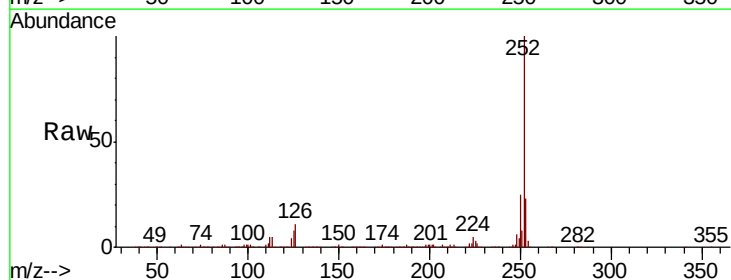
Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:252 Resp: 1343933  
Ion Ratio Lower Upper  
252 100  
253 23.4 17.1 25.7  
125 8.0 6.6 10.0

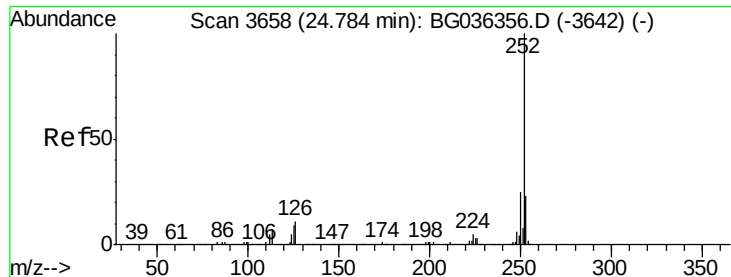


#88  
Benzo(k)fluoranthene  
Concen: 49.425 ng  
RT: 23.95 min Scan# 3517  
Delta R.T. -0.01 min  
Lab File: BG036651.D  
Acq: 11 Sep 2018 8:00

Tgt Ion:252 Resp: 1272749  
Ion Ratio Lower Upper  
252 100  
253 23.0 18.0 27.0  
125 8.3 7.0 10.6







#89

Benzo(a)pyrene

Concen: 50.601 ng

RT: 24.75 min Scan# 3653

Delta R.T. -0.01 min

Lab File: BG036651.D

Acq: 11 Sep 2018 8:00

Instrument :

BNA\_G

ClientSampleId :

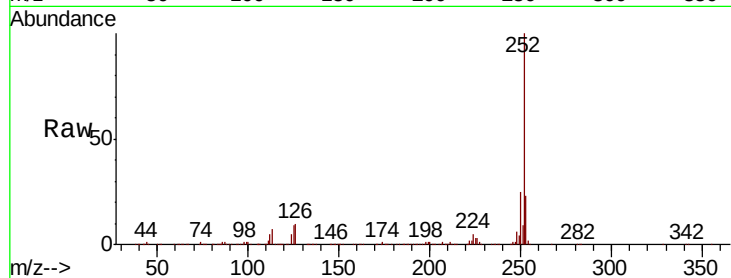
Tot Ion:252 Resp: 1281651

Ion Ratio Lower Upper

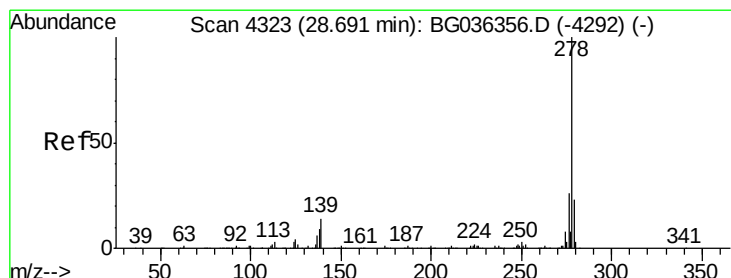
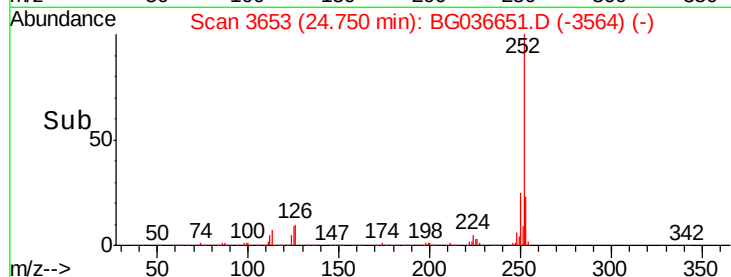
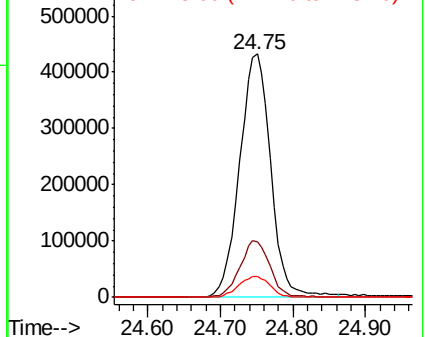
252 100

253 22.8 18.2 27.2

125 8.7 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.583 ng

RT: 28.61 min Scan# 4310

Delta R.T. -0.02 min

Lab File: BG036651.D

Acq: 11 Sep 2018 8:00

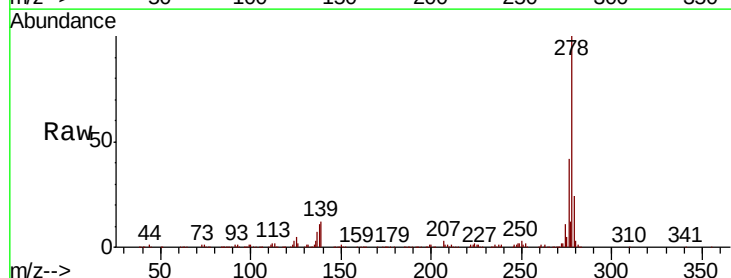
Tgt Ion:278 Resp: 1065695

Ion Ratio Lower Upper

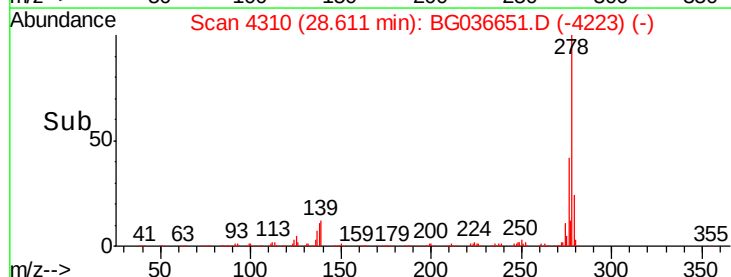
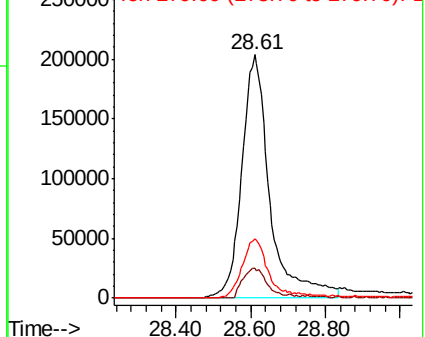
278 100

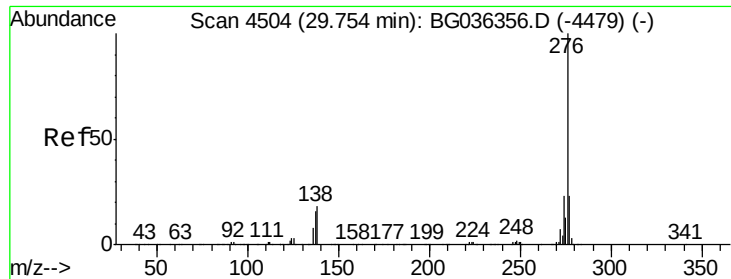
139 12.2 11.0 16.4

279 24.4 18.7 28.1



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





#91  
 Benzo(a,h,i)perylene  
 Concen: 45.800 ng  
 RT: 29.69 min Scan# 4494  
 Delta R.T. -0.01 min  
 Lab File: BG036651.D  
 Acq: 11 Sep 2018 8:00

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:276 Resp: 1125433  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.0  | 18.4  | 27.6  |
| 138 | 15.5  | 14.6  | 22.0  |

