

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\  
 Data File : BG036802.D  
 Acq On : 19 Sep 2018 1:40  
 Operator : JU/SJ  
 Sample : PB112954BSD  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Sep 19 05:55:29 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  | 40089    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.85 | 136  | 186002   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 14.67 | 164  | 134675   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 17.42 | 188  | 374086   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 21.69 | 240  | 366762   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.89 | 264  | 385014   | 20.00 | ng    | -0.01    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.62  | 112 | 347551  | 137.52 | ng | 0.00  |
| 7) Phenol-d6                | 7.21  | 99  | 484558  | 133.92 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 9.21  | 82  | 297595  | 86.81  | ng | -0.01 |
| 41) 2,4,6-Tribromophenol    | 16.17 | 330 | 248705  | 154.77 | ng | 0.00  |
| 44) 2-Fluorobiphenyl        | 13.30 | 172 | 743262  | 78.80  | ng | -0.01 |
| 78) Terphenyl-d14           | 20.03 | 244 | 1364504 | 86.96  | ng | 0.00  |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.53  | 88   | 39651    | 33.619 | ng    | 98     |
| 3) Pyridine                    | 3.92  | 79   | 116585   | 35.216 | ng    | 97     |
| 4) n-Nitrosodimethylamine      | 3.83  | 42   | 61447    | 41.672 | ng    | 96     |
| 6) Aniline                     | 7.37  | 93   | 147593   | 32.136 | ng    | 98     |
| 8) 2-Chlorophenol              | 7.61  | 128  | 120802   | 44.079 | ng    | 95     |
| 9) Benzaldehyde                | 7.18  | 77   | 57862    | 23.222 | ng    | 98     |
| 10) Phenol                     | 7.24  | 94   | 170081   | 44.917 | ng    | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.46  | 93   | 114987   | 38.304 | ng    | 99     |
| 12) 1,3-Dichlorobenzene        | 7.94  | 146  | 122478   | 39.138 | ng    | 99     |
| 13) 1,4-Dichlorobenzene        | 8.09  | 146  | 123794   | 39.181 | ng    | 98     |
| 14) 1,2-Dichlorobenzene        | 8.40  | 146  | 117624   | 38.982 | ng    | 98     |
| 15) Benzyl Alcohol             | 8.28  | 79   | 122567   | 42.020 | ng    | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.58  | 45   | 227679   | 37.608 | ng    | 99     |
| 17) 2-Methylphenol             | 8.49  | 107  | 114051   | 45.361 | ng    | 98     |
| 18) Hexachloroethane           | 9.13  | 117  | 46241    | 40.820 | ng    | 93     |
| 19) n-Nitroso-di-n-propylamine | 8.85  | 70   | 103848   | 38.402 | ng    | 93     |
| 20) 3+4-Methylphenols          | 8.82  | 107  | 159501   | 45.438 | ng    | 99     |
| 22) Acetophenone               | 8.87  | 105  | 184912   | 37.858 | ng    | # 97   |
| 24) Nitrobenzene               | 9.25  | 77   | 152093   | 41.143 | ng    | 98     |
| 25) Isophorone                 | 9.77  | 82   | 290428   | 42.646 | ng    | 98     |
| 26) 2-Nitrophenol              | 9.96  | 139  | 69352    | 47.343 | ng    | 95     |
| 27) 2,4-Dimethylphenol         | 10.02 | 122  | 126344   | 46.586 | ng    | 97     |
| 28) bis(2-Chloroethoxy)methane | 10.26 | 93   | 167218   | 40.008 | ng    | 97     |
| 29) 2,4-Dichlorophenol         | 10.50 | 162  | 138721   | 46.671 | ng    | 91     |
| 30) 1,2,4-Trichlorobenzene     | 10.71 | 180  | 134340   | 38.636 | ng    | 100    |
| 31) Naphthalene                | 10.90 | 128  | 389908   | 41.934 | ng    | 99     |
| 32) Benzoic acid               | 10.16 | 122  | 84538    | 42.600 | ng    | 95     |
| 33) 4-Chloroaniline            | 11.01 | 127  | 111432   | 26.153 | ng    | 100    |
| 34) Hexachlorobutadiene        | 11.19 | 225  | 90411    | 38.700 | ng    | 98     |
| 35) Caprolactam                | 11.79 | 113  | 38412    | 32.441 | ng    | 98     |
| 36) 4-Chloro-3-methylphenol    | 12.12 | 107  | 165106   | 47.806 | ng    | 98     |
| 37) 2-Methylnaphthalene        | 12.51 | 142  | 309182   | 45.445 | ng    | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.87 | 216  | 175099   | 36.739 | ng    | 97     |
| 40) Hexachlorocyclopentadiene  | 12.85 | 237  | 212952   | 85.876 | ng    | 99     |

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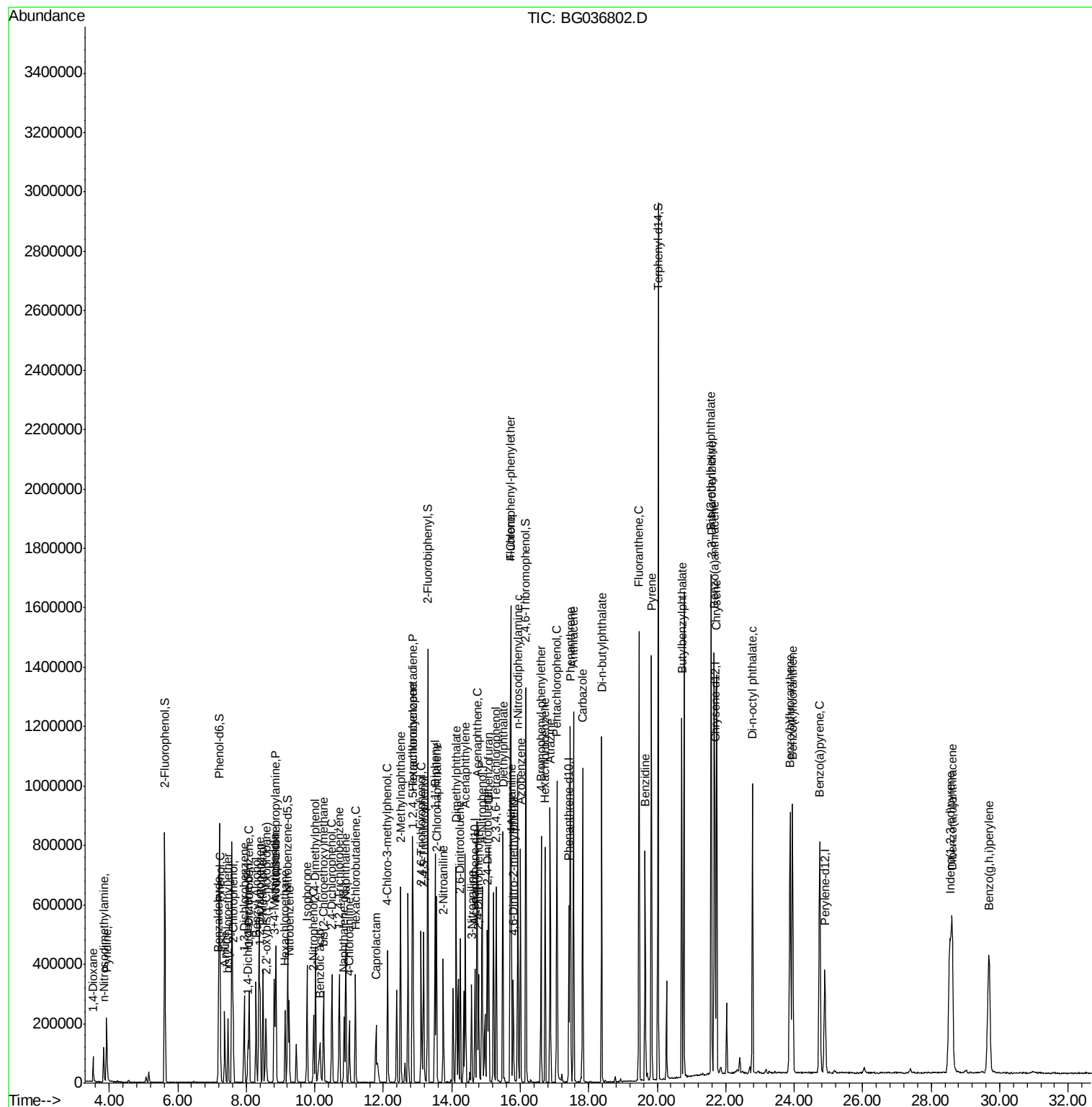
| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.11 | 196  | 127799   | 44.020  | nq    | 96       |
| 43) 2,4,5-Trichlorophenol      | 13.18 | 196  | 138813   | 44.828  | nq    | 98       |
| 45) 1,1'-Biphenyl              | 13.51 | 154  | 408828   | 36.571  | nq    | 98       |
| 46) 2-Chloronaphthalene        | 13.55 | 162  | 316137   | 37.043  | nq    | 98       |
| 47) 2-Nitroaniline             | 13.75 | 65   | 125857   | 46.963  | nq    | 98       |
| 48) Acenaphthylene             | 14.40 | 152  | 558002   | 41.836  | nq    | 99       |
| 49) Dimethylphthalate          | 14.13 | 163  | 458629   | 41.705  | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.24 | 165  | 103956   | 45.940  | nq    | 98       |
| 51) Acenaphthene               | 14.74 | 154  | 326206   | 38.188  | nq    | 98       |
| 52) 3-Nitroaniline             | 14.58 | 138  | 83007    | 34.040  | nq    | 100      |
| 53) 2,4-Dinitrophenol          | 14.78 | 184  | 89464    | 104.377 | nq    | 94       |
| 54) Dibenzofuran               | 15.07 | 168  | 545002   | 40.725  | nq    | 99       |
| 55) 4-Nitrophenol              | 14.89 | 139  | 176561   | 88.554  | nq    | 98       |
| 56) 2,4-Dinitrotoluene         | 15.03 | 165  | 151954   | 51.524  | nq    | 90       |
| 57) Fluorene                   | 15.72 | 166  | 445036   | 44.484  | nq    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.30 | 232  | 148907   | 51.182  | nq    | 95       |
| 59) Diethylphthalate           | 15.49 | 149  | 470132   | 42.421  | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.71 | 204  | 252640   | 40.896  | nq    | 97       |
| 61) 4-Nitroaniline             | 15.74 | 138  | 116502   | 45.655  | nq    | 99       |
| 62) Azobenzene                 | 16.01 | 77   | 458685   | 40.677  | nq    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 15.80 | 198  | 81055    | 49.325  | nq    | 99       |
| 65) n-Nitrosodiphenylamine     | 15.93 | 169  | 414155   | 37.260  | nq    | 97       |
| 66) 4-Bromophenyl-phenylether  | 16.61 | 248  | 168749   | 38.529  | nq    | 98       |
| 67) Hexachlorobenzene          | 16.72 | 284  | 173258   | 38.687  | nq    | 93       |
| 68) Atrazine                   | 16.87 | 200  | 180717   | 43.315  | nq    | 98       |
| 69) Pentachlorophenol          | 17.07 | 266  | 209946   | 68.976  | nq    | 96       |
| 70) Phenanthrene               | 17.46 | 178  | 776186   | 40.834  | nq    | 99       |
| 71) Anthracene                 | 17.55 | 178  | 791616   | 41.778  | nq    | 100      |
| 72) Carbazole                  | 17.82 | 167  | 699371   | 36.958  | nq    | 99       |
| 73) Di-n-butylphthalate        | 18.38 | 149  | 807913   | 38.340  | nq    | 99       |
| 74) Fluoranthene               | 19.47 | 202  | 948959   | 40.947  | nq    | 99       |
| 76) Benzidine                  | 19.64 | 184  | 457371   | 39.087  | nq    | 99       |
| 77) Pyrene                     | 19.83 | 202  | 927576   | 41.127  | nq    | 99       |
| 79) Butylbenzylphthalate       | 20.71 | 149  | 364124   | 40.568  | nq    | 94       |
| 80) Benzo(a)anthracene         | 21.67 | 228  | 922065   | 41.499  | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.58 | 252  | 231922   | 26.191  | nq    | 99       |
| 82) Chrysene                   | 21.74 | 228  | 855865   | 40.638  | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 21.57 | 149  | 494783   | 39.393  | nq    | 99       |
| 84) Di-n-octyl phthalate       | 22.78 | 149  | 834228   | 39.764  | nq    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.54 | 276  | 1008710  | 41.236  | nq    | # 95     |
| 87) Benzo(b)fluoranthene       | 23.87 | 252  | 904269   | 42.295  | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 23.95 | 252  | 863821   | 41.357  | nq    | 98       |
| 89) Benzo(a)pyrene             | 24.74 | 252  | 873784   | 42.531  | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 28.61 | 278  | 815884   | 41.136  | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 29.69 | 276  | 830837   | 41.685  | nq    | 96       |

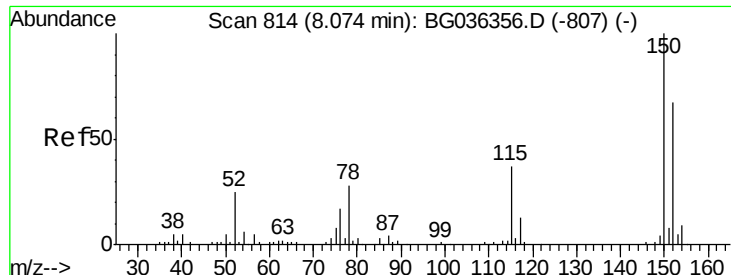
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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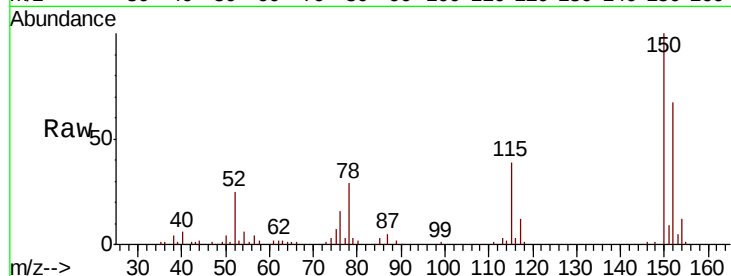


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.05 min Scan# 810  
Delta R.T. -0.02 min  
Lab File: BG036802.D  
Acq: 19 Sep 2018 1:40

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 149.4 | 119.5 | 179.3 |
| 115     | 58.8  | 44.5  | 66.7  |

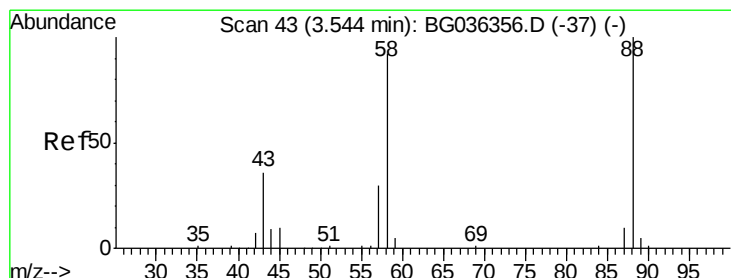
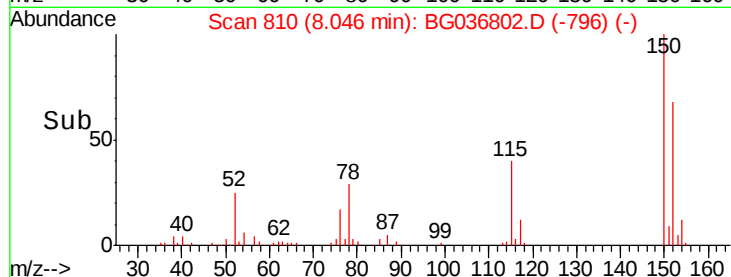
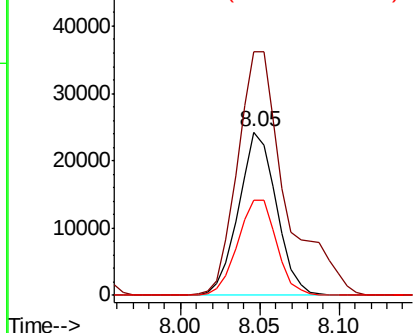


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

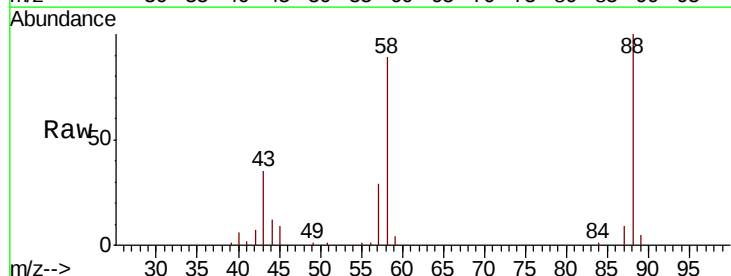
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 33.619 ng  
RT: 3.53 min Scan# 41  
Delta R.T. -0.01 min  
Lab File: BG036802.D  
Acq: 19 Sep 2018 1:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 89.7  | 72.6  | 109.0 |
| 43      | 34.5  | 29.0  | 43.4  |

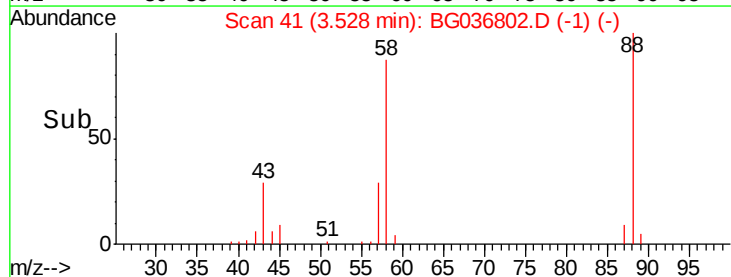
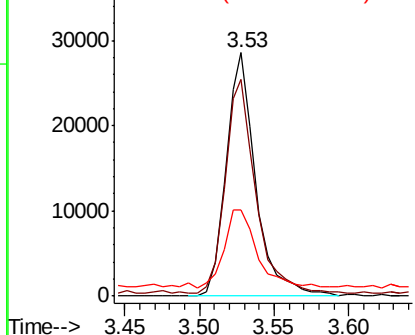


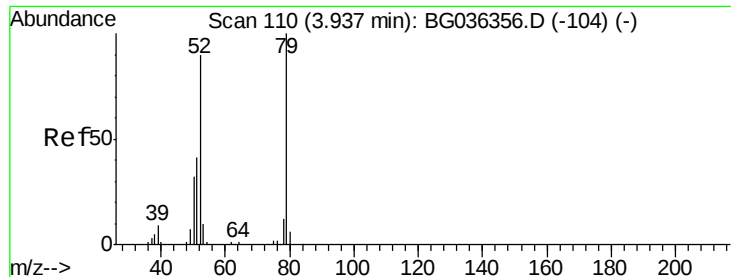
Abundance

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: 35.216 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

Instrument :

BNA\_G

ClientSampled :

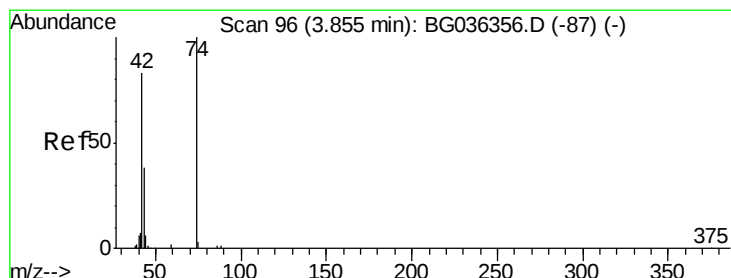
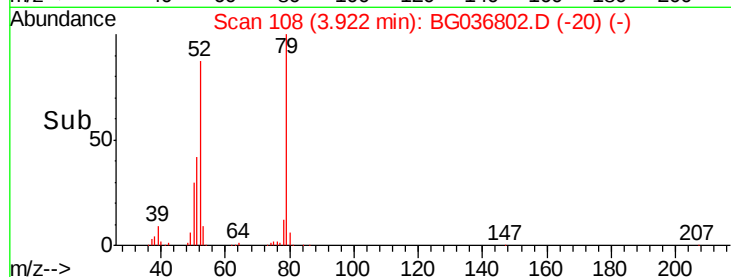
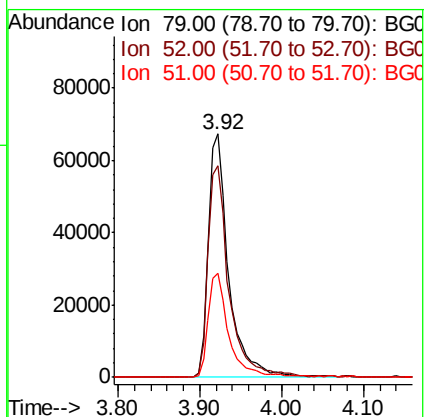
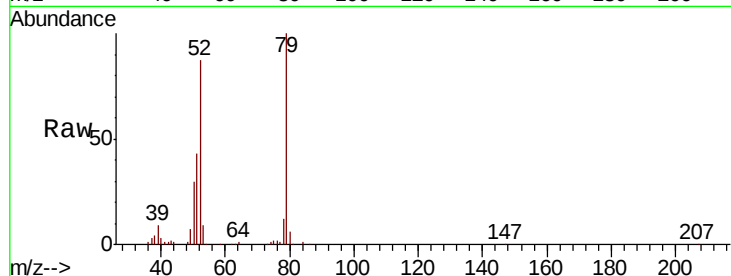
Tot Ion: 79 Resp: 116585

Ion Ratio Lower Upper

79 100

52 86.9 72.3 108.5

51 42.7 33.8 50.6



#4

n-Nitrosodimethylamine

Concen: 41.672 ng

RT: 3.83 min Scan# 93

Delta R.T. -0.01 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

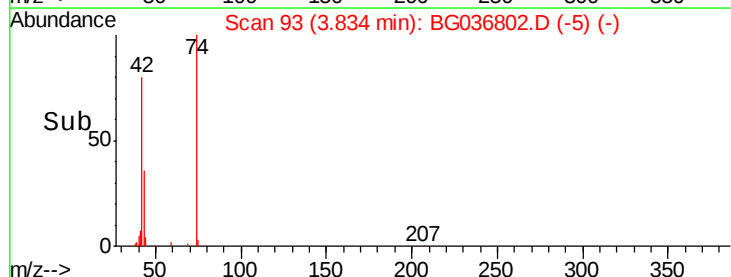
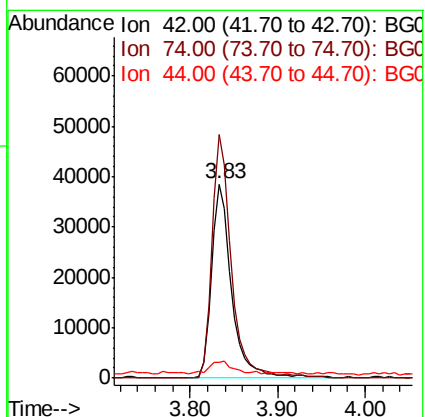
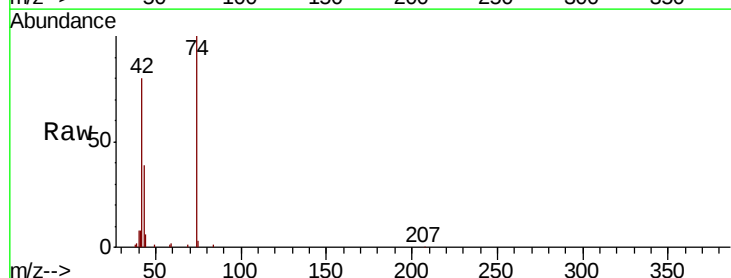
Tgt Ion: 42 Resp: 61447

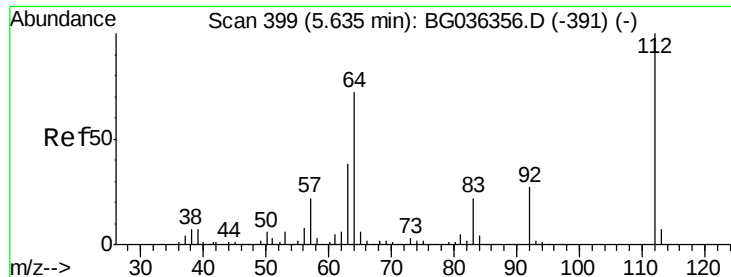
Ion Ratio Lower Upper

42 100

74 125.5 96.6 145.0

44 8.0 7.0 10.4





#5

2-Fluorophenol

Concen: 137.524 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

Instrument :

BNA\_G

ClientSampleId :

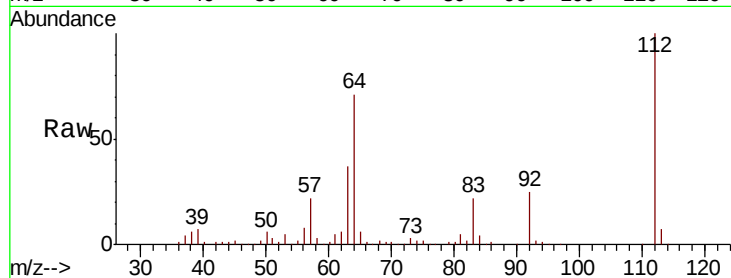
Tot Ion: 112 Resp: 347551

Ion Ratio Lower Upper

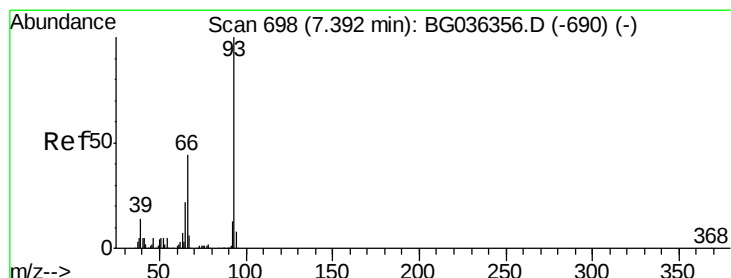
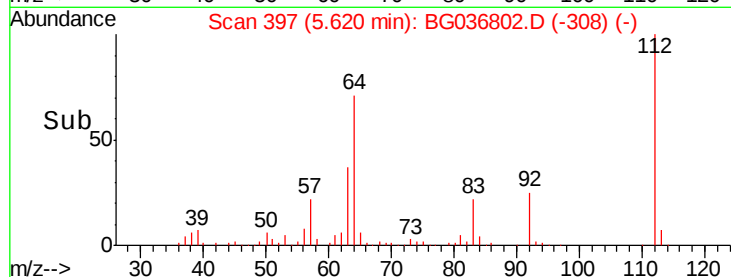
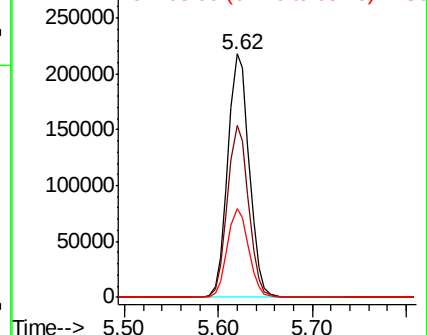
112 100

64 70.5 57.2 85.8

63 36.6 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): BGC  
Ion 64.00 (63.70 to 64.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.136 ng

RT: 7.37 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

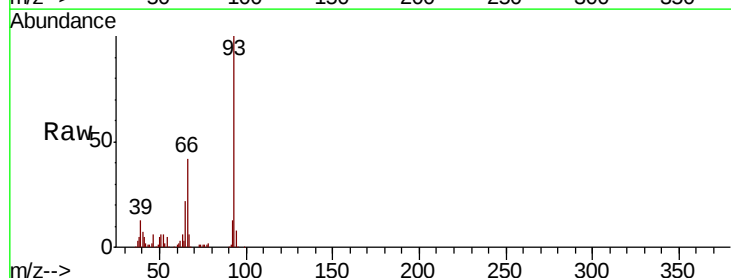
Tgt Ion: 93 Resp: 147593

Ion Ratio Lower Upper

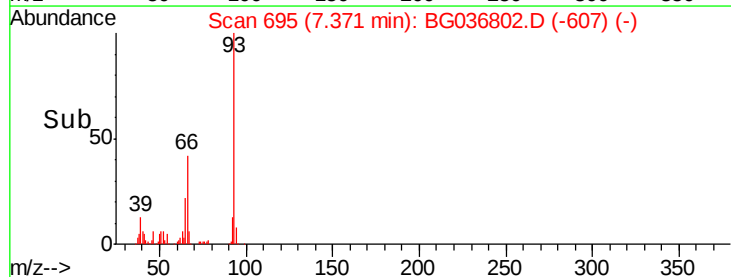
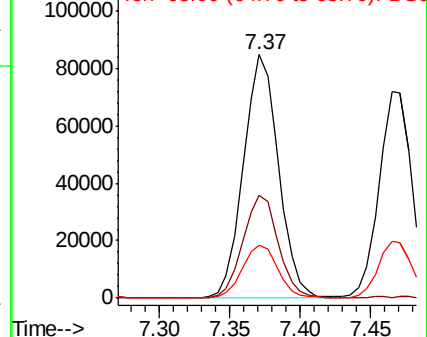
93 100

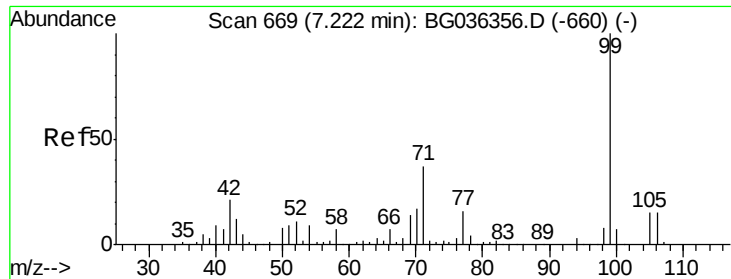
66 42.2 35.0 52.4

65 21.8 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: 133.917 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

Instrument :

BNA\_G

ClientSampleId :

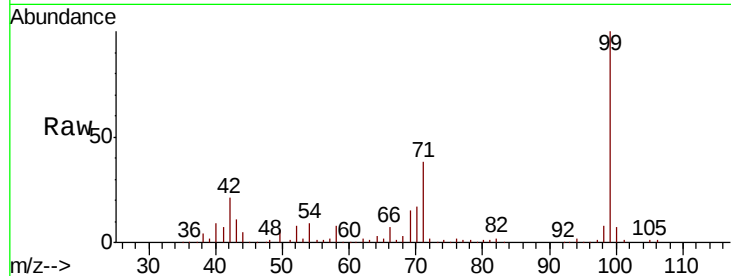
Tot Ion: 99 Resp: 484558

Ion Ratio Lower Upper

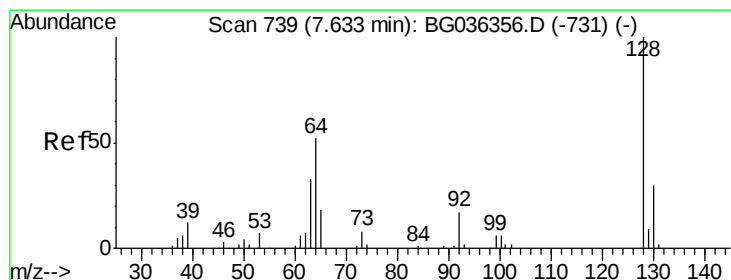
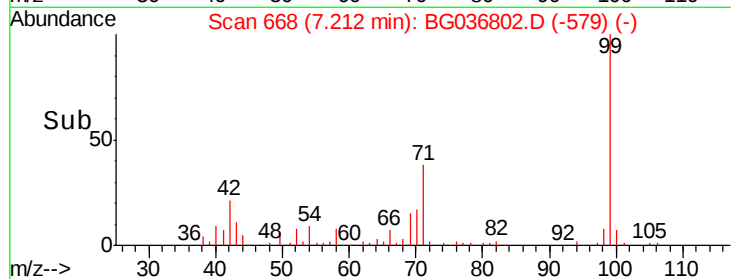
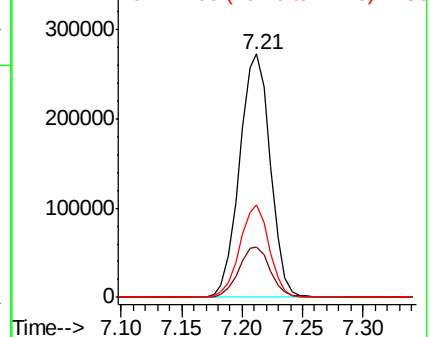
99 100

42 20.9 16.5 24.7

71 37.9 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: 44.079 ng

RT: 7.61 min Scan# 736

Delta R.T. -0.01 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

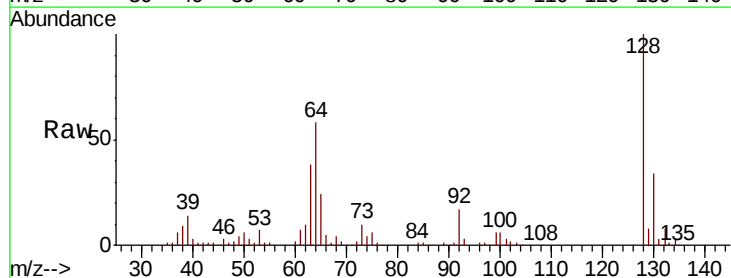
Tgt Ion: 128 Resp: 120802

Ion Ratio Lower Upper

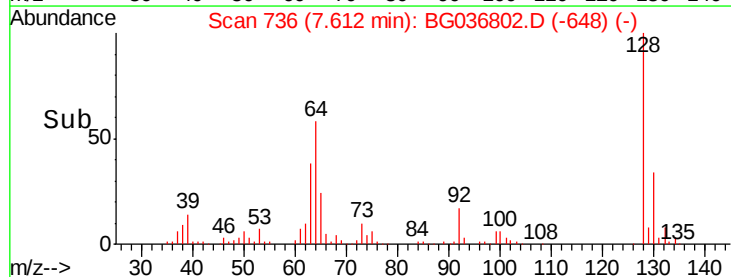
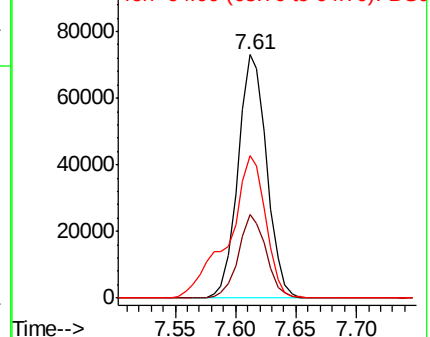
128 100

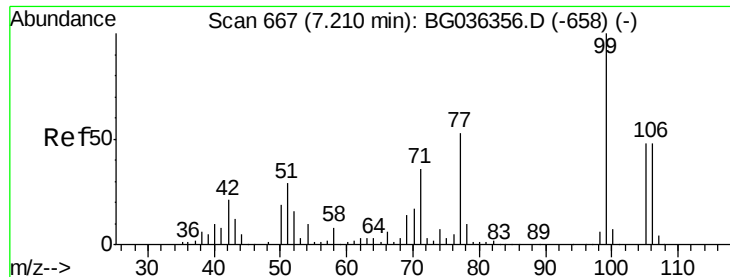
130 34.5 10.0 50.0

64 58.5 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: 23.222 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

Instrument :

BNA\_G

ClientSampled :

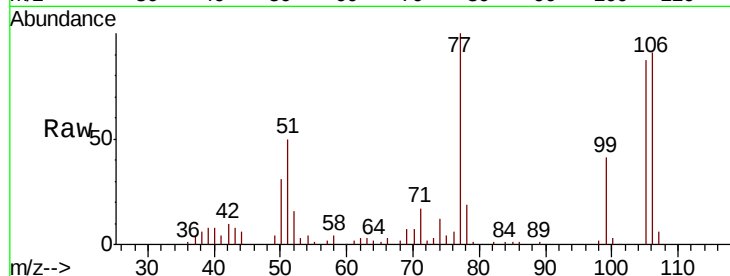
Tot Ion: 77 Resp: 57862

Ion Ratio Lower Upper

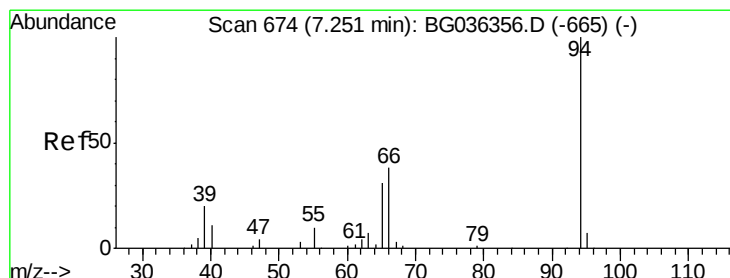
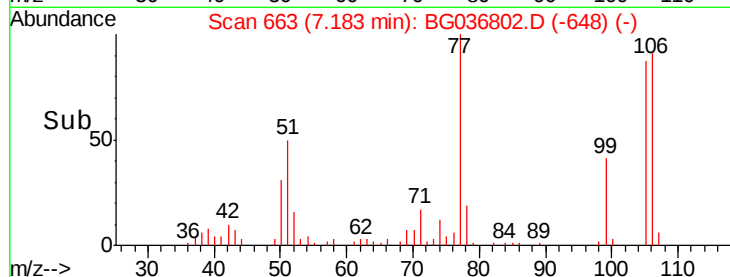
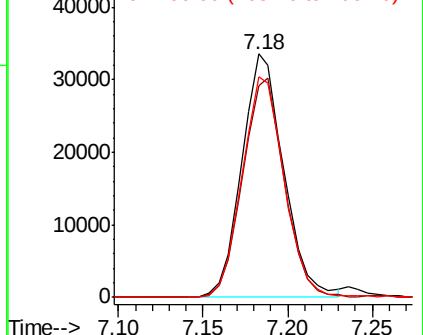
77 100

105 87.1 70.5 110.5

106 90.7 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: 44.917 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

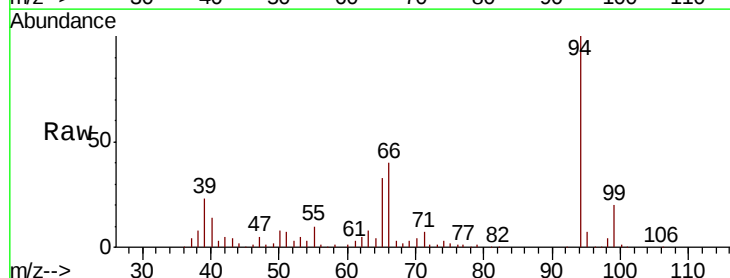
Tgt Ion: 94 Resp: 170081

Ion Ratio Lower Upper

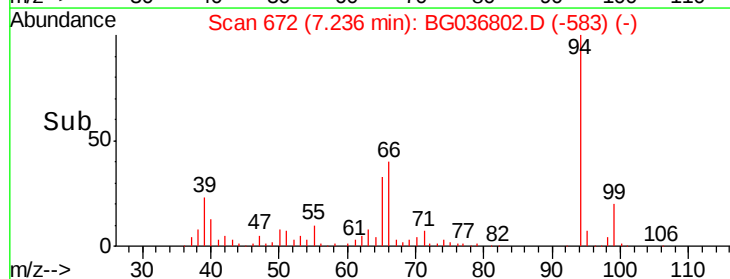
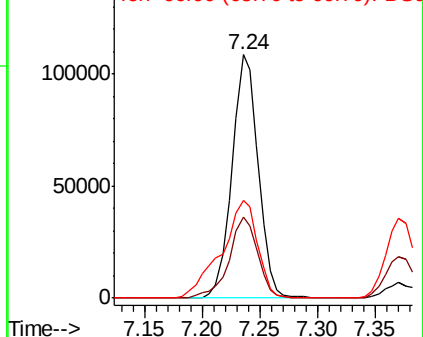
94 100

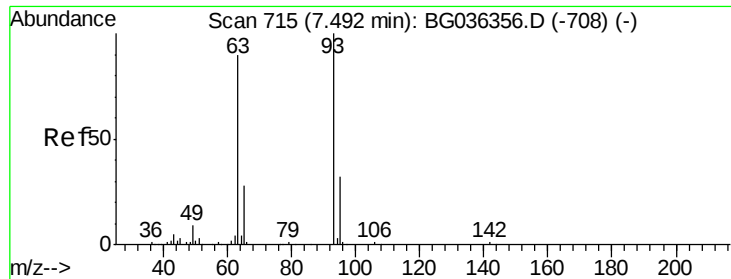
65 33.1 11.5 51.5

66 40.3 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



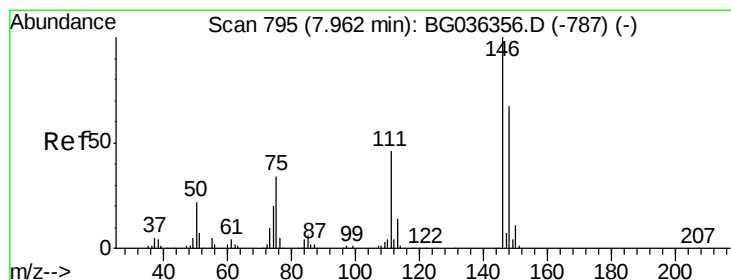
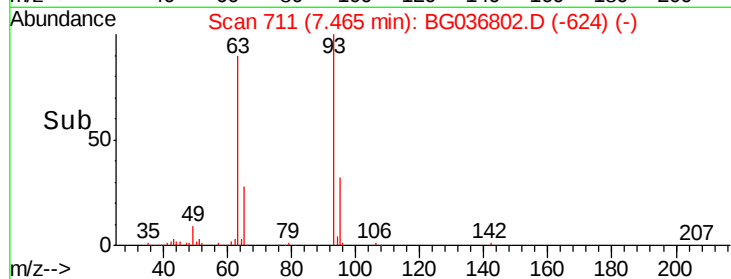
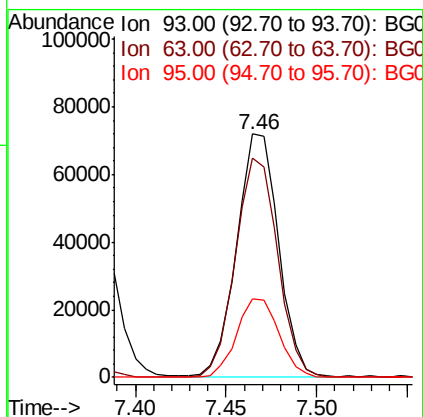
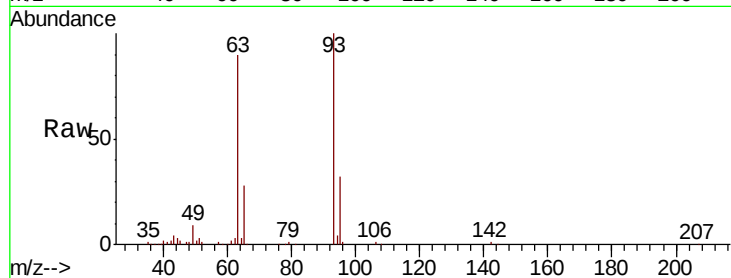


#11  
bis(2-Chloroethyl)ether  
Concen: 38.304 ng  
RT: 7.46 min Scan# 711  
Delta R.T. -0.02 min  
Lab File: BG036802.D  
Acq: 19 Sep 2018 1:40

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion: 93 Resp: 114987  

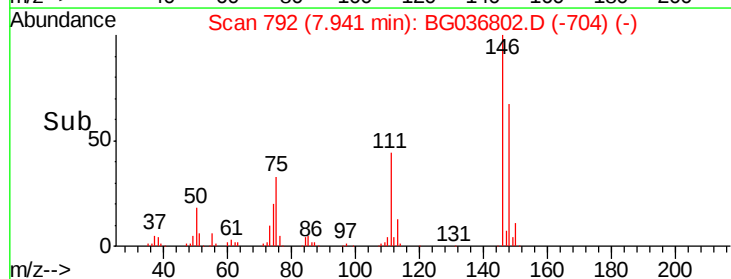
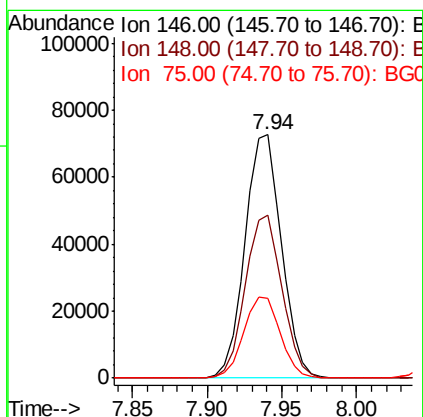
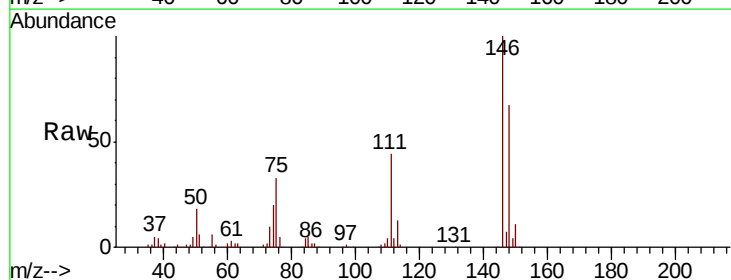
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 90.1  | 69.9  | 109.9 |
| 95  | 32.4  | 11.7  | 51.7  |

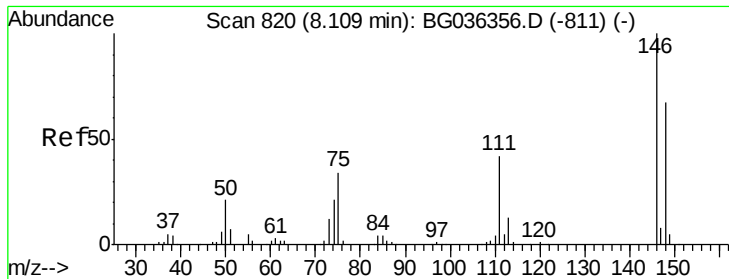


#12  
1,3-Dichlorobenzene  
Concen: 39.138 ng  
RT: 7.94 min Scan# 792  
Delta R.T. -0.01 min  
Lab File: BG036802.D  
Acq: 19 Sep 2018 1:40

Tgt Ion: 146 Resp: 122478  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 67.1  | 53.8  | 80.6  |
| 75  | 32.8  | 27.2  | 40.8  |

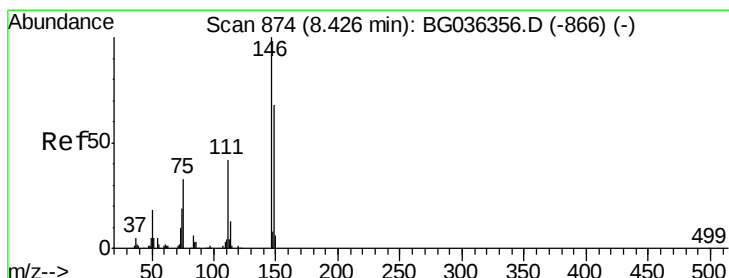
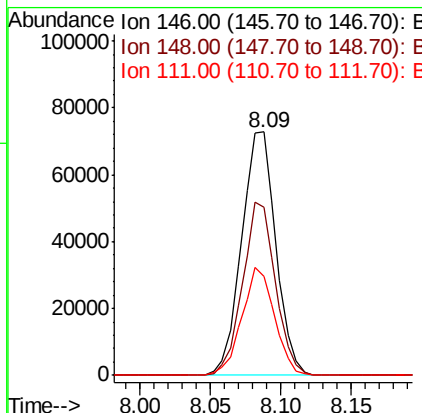
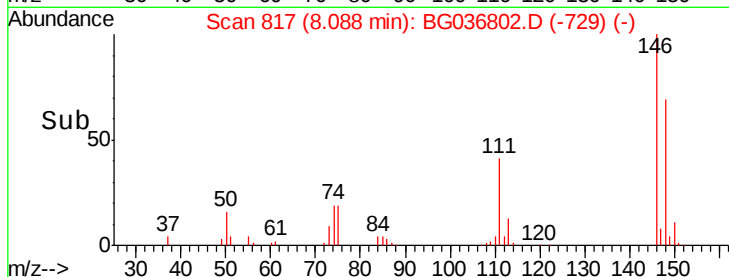
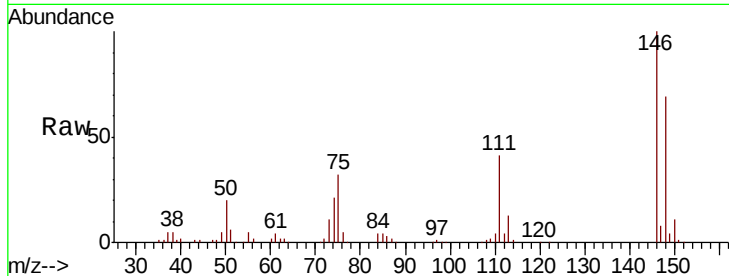




#13  
 1,4-Dichlorobenzene  
 Concen: 39.181 ng  
 RT: 8.09 min Scan# 817  
 Delta R.T. -0.01 min  
 Lab File: BG036802.D  
 Acq: 19 Sep 2018 1:40

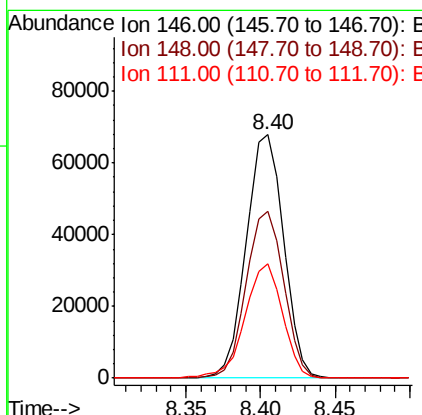
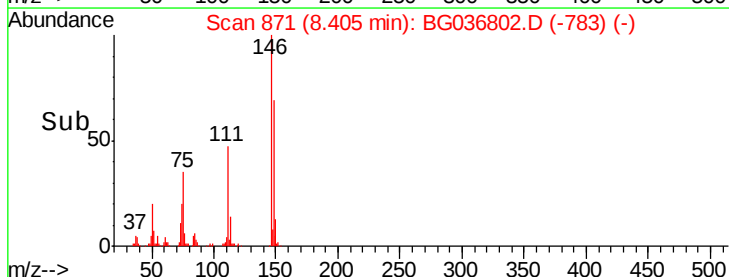
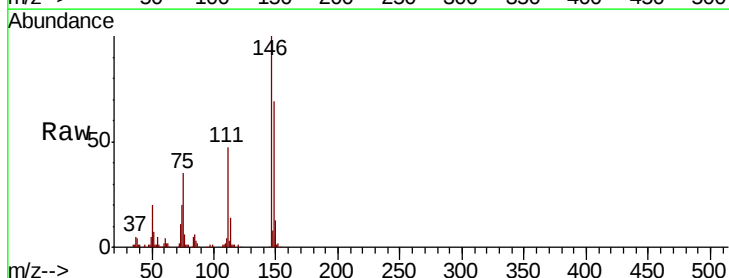
Instrument :  
 BNA\_G  
 ClientSampleId :

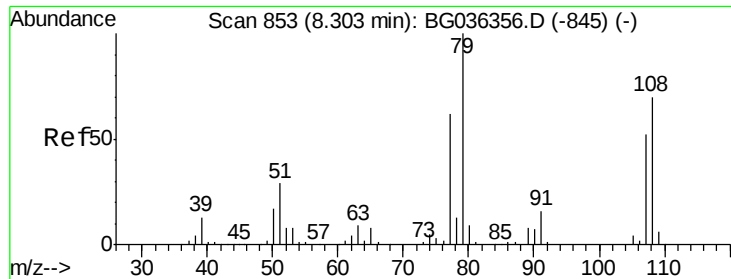
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 69.1  | 53.9  | 80.9  |
| 111     | 40.7  | 33.8  | 50.6  |



#14  
 1,2-Dichlorobenzene  
 Concen: 38.982 ng  
 RT: 8.40 min Scan# 871  
 Delta R.T. -0.01 min  
 Lab File: BG036802.D  
 Acq: 19 Sep 2018 1:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 68.7  | 55.0  | 82.6  |
| 111     | 46.7  | 34.6  | 51.8  |





#15

Benzyl Alcohol

Concen: 42.020 ng

RT: 8.28 min Scan# 850

Delta R.T. -0.01 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

Instrument :

BNA\_G

ClientSampled :

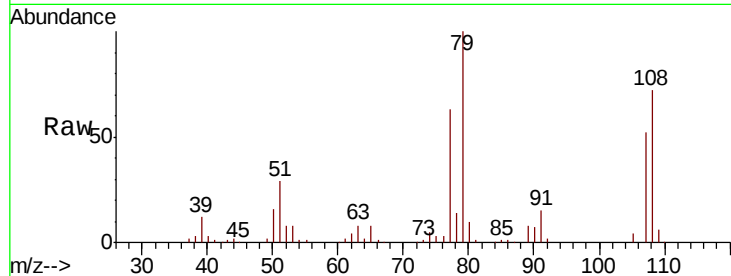
Tot Ion: 79 Resp: 122567

Ion Ratio Lower Upper

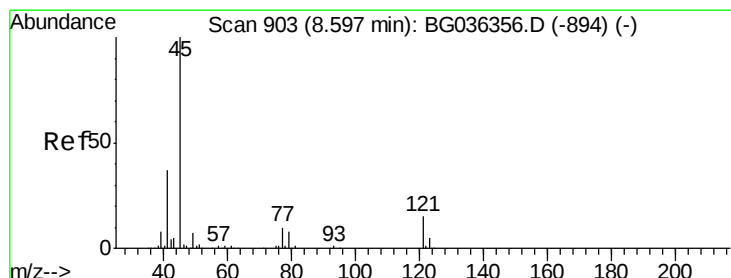
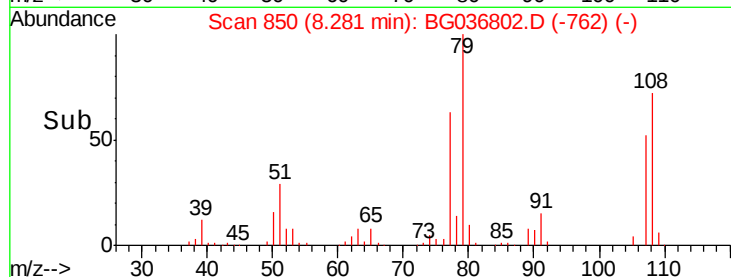
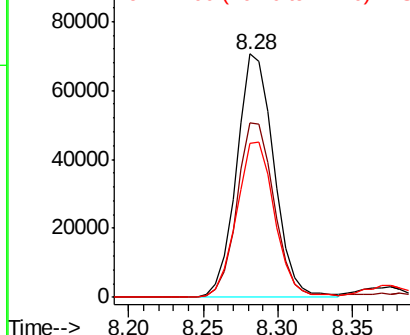
79 100

108 71.9 55.9 83.9

77 63.0 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BGC  
Ion 108.00 (107.70 to 108.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.608 ng

RT: 8.58 min Scan# 900

Delta R.T. -0.01 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

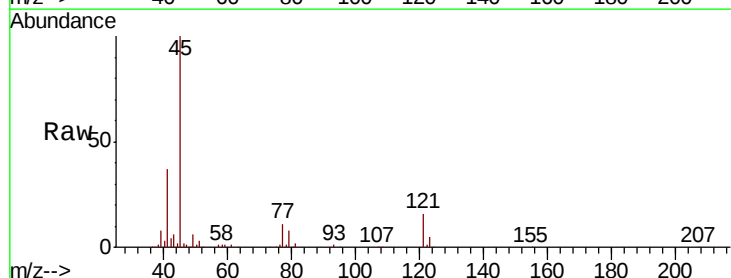
Tgt Ion: 45 Resp: 227679

Ion Ratio Lower Upper

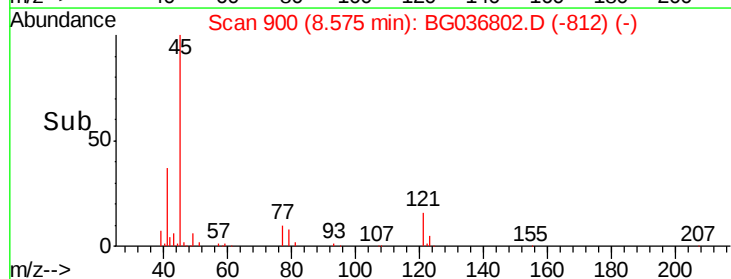
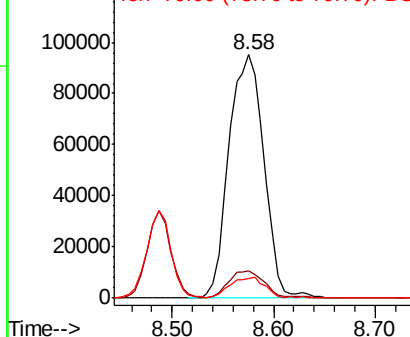
45 100

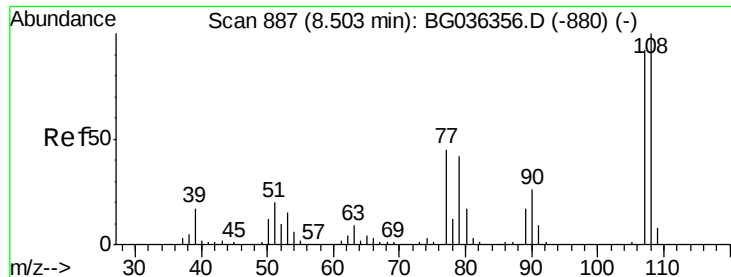
77 11.2 0.0 30.5

79 8.2 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC

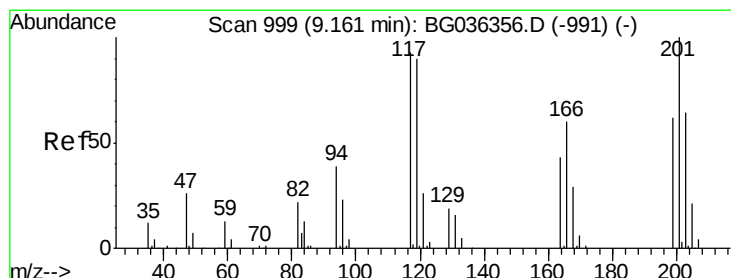
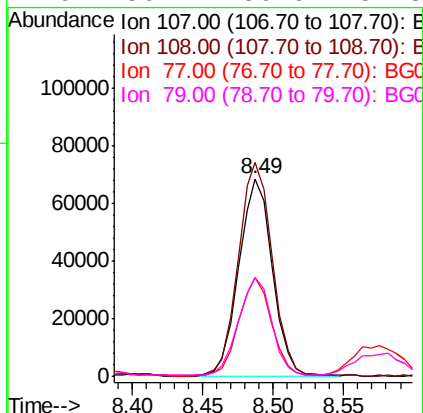
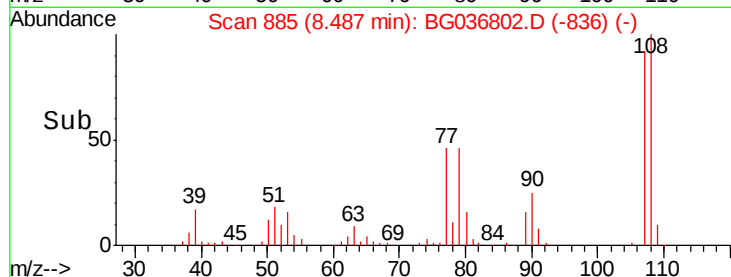
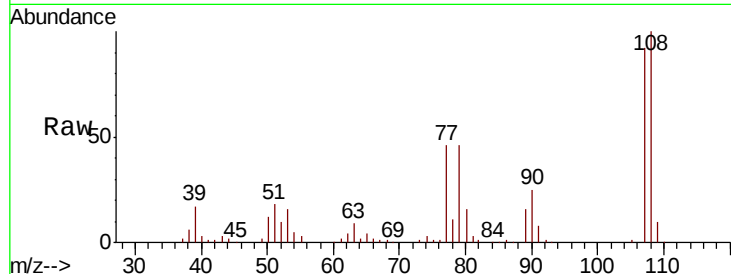




#17  
2-Methylphenol  
Concen: 45.361 ng  
RT: 8.49 min Scan# 885  
Delta R.T. -0.01 min  
Lab File: BG036802.D  
Acq: 19 Sep 2018 1:40

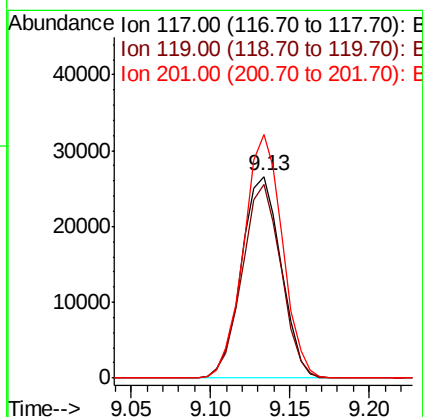
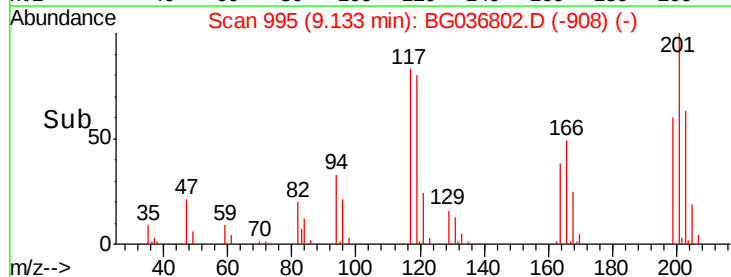
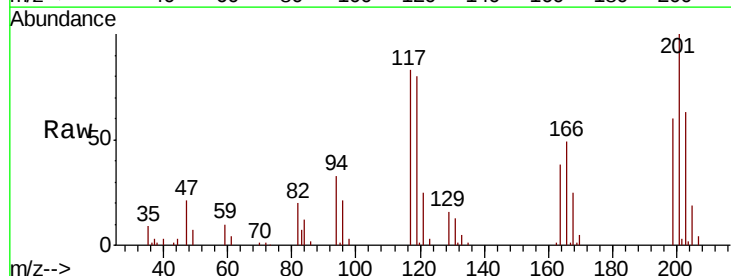
Instrument :  
BNA\_G  
ClientSampled :

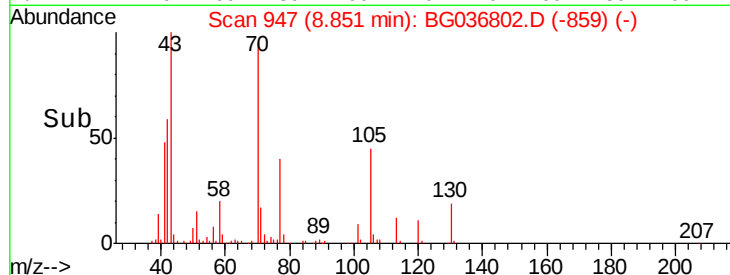
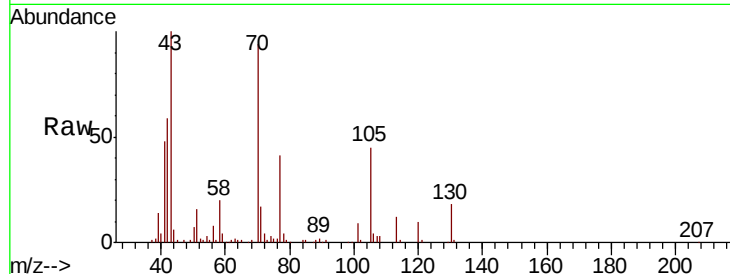
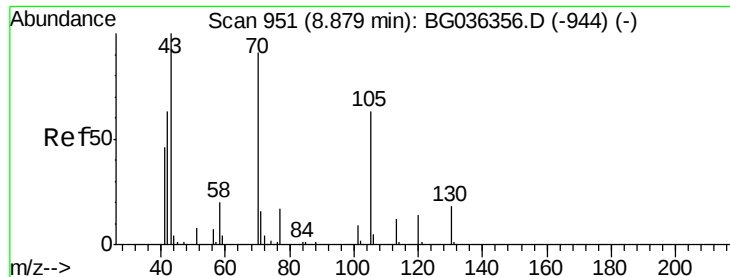
Tot Ion:107 Resp: 114051  
Ion Ratio Lower Upper  
107 100  
108 108.4 86.7 130.1  
77 50.3 39.0 58.4  
79 50.2 36.6 54.8



#18  
Hexachloroethane  
Concen: 40.820 ng  
RT: 9.13 min Scan# 995  
Delta R.T. -0.02 min  
Lab File: BG036802.D  
Acq: 19 Sep 2018 1:40

Tgt Ion:117 Resp: 46241  
Ion Ratio Lower Upper  
117 100  
119 96.1 76.8 115.2  
201 120.6 85.7 128.5

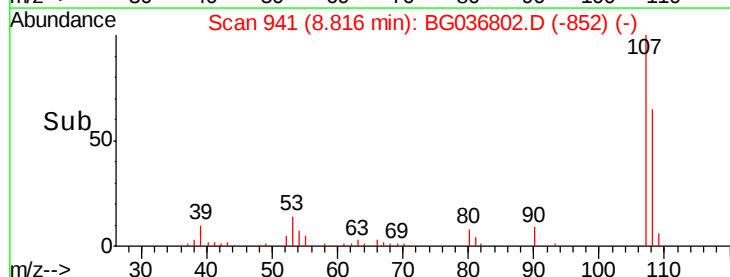
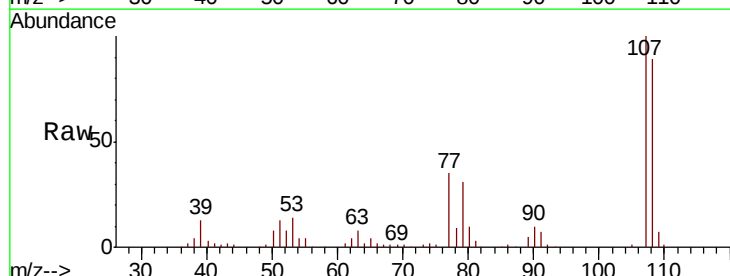
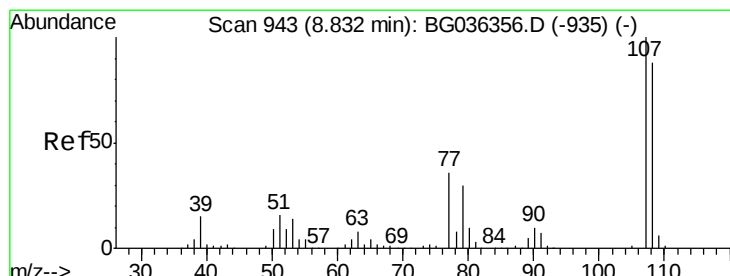
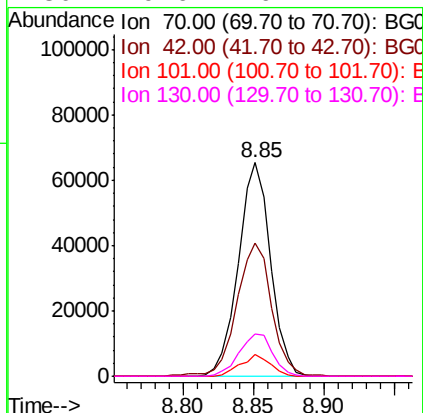




#19  
n-Nitroso-di-n-propylamine  
Concen: 38.402 ng  
RT: 8.85 min Scan# 947  
Delta R.T. -0.01 min  
Lab File: BG036802.D  
Acq: 19 Sep 2018 1:40

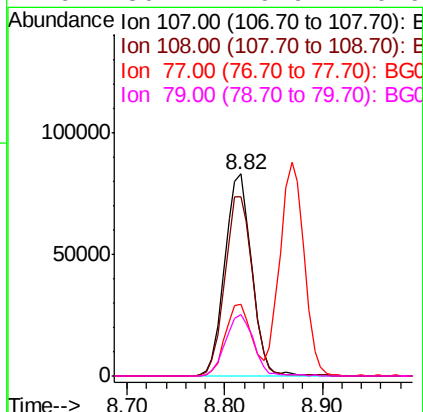
Instrument :  
BNA\_G  
ClientSampleId :

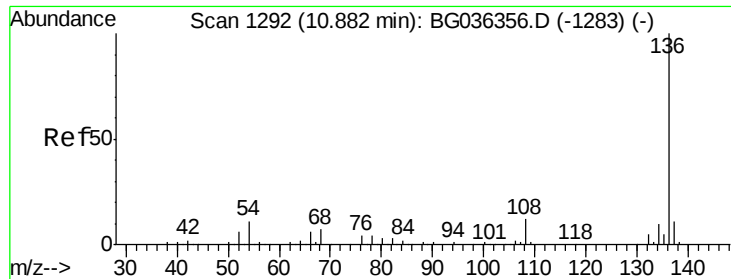
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 103848 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 62.5  | 56.2  | 84.4   |
| 101      | 9.9   | 7.8   | 11.6   |
| 130      | 19.6  | 16.2  | 24.2   |



#20  
3+4-Methylphenols  
Concen: 45.438 ng  
RT: 8.82 min Scan# 941  
Delta R.T. -0.01 min  
Lab File: BG036802.D  
Acq: 19 Sep 2018 1:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 159501 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.1  | 68.0  | 108.0  |
| 77       | 35.3  | 15.6  | 55.6   |
| 79       | 30.7  | 9.9   | 49.9   |

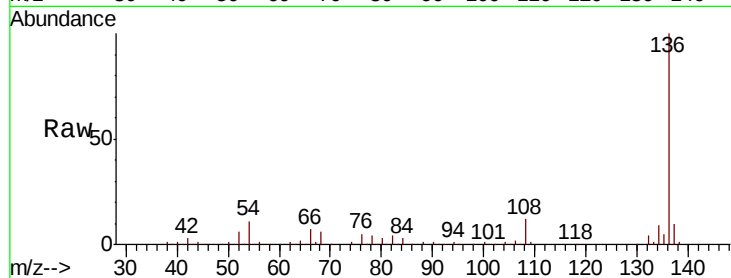




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.85 min Scan# 1288  
Delta R.T. -0.01 min  
Lab File: BG036802.D  
Acq: 19 Sep 2018 1:40

Instrument :  
BNA\_G  
ClientSampleId :

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 186002   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 10.4  | 8.8 13.2 |
| 54          | 10.7  | 9.2 13.8 |
| 68          | 6.2   | 5.8 8.6  |



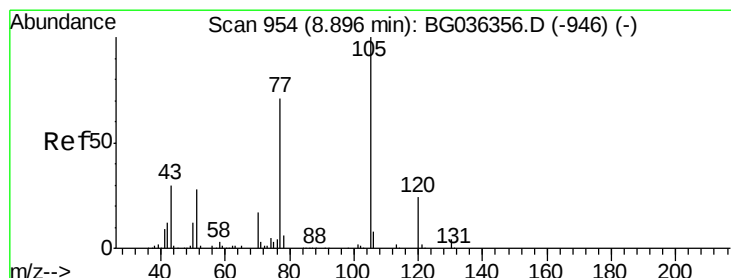
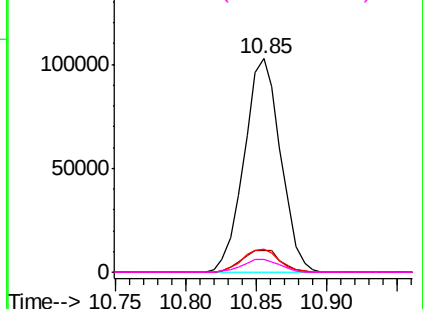
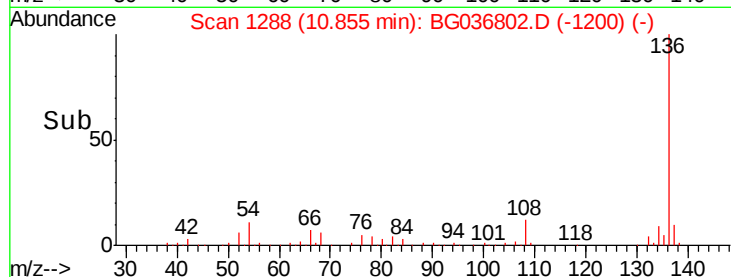
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

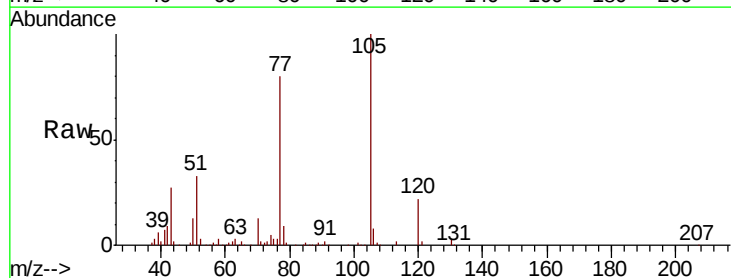
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22  
Acetophenone  
Concen: 37.858 ng  
RT: 8.87 min Scan# 950  
Delta R.T. -0.01 min  
Lab File: BG036802.D  
Acq: 19 Sep 2018 1:40

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 184912    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 2.1   | 2.4 3.6#  |
| 51          | 33.2  | 25.9 38.9 |
| 120         | 21.7  | 19.4 29.0 |



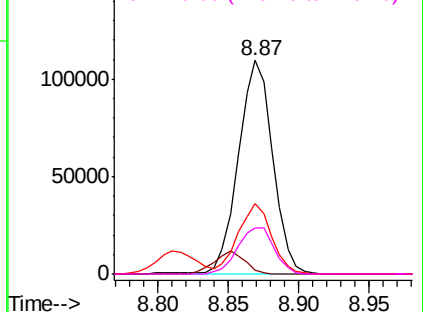
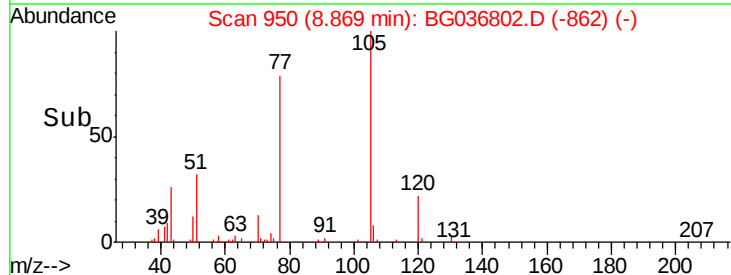
Abundance

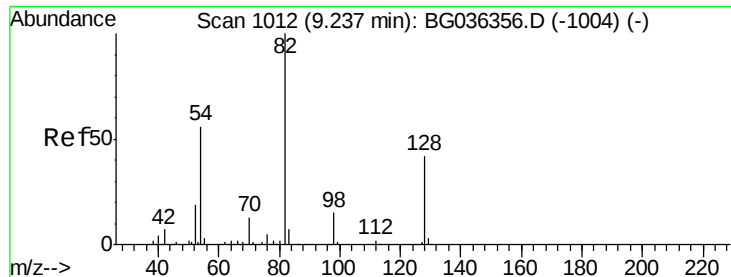
Ion 105.00 (104.70 to 105.70): E

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

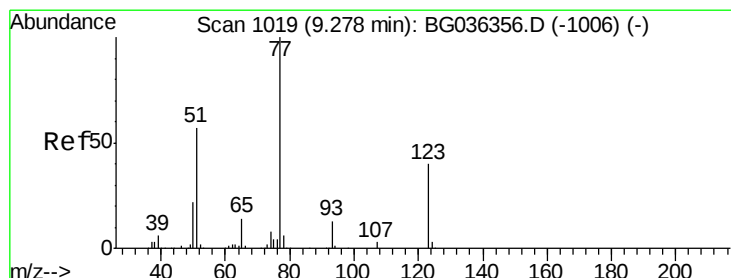
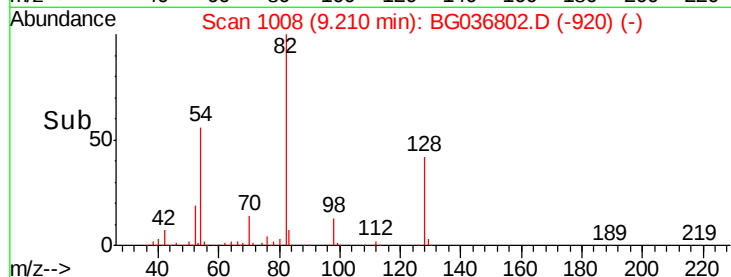
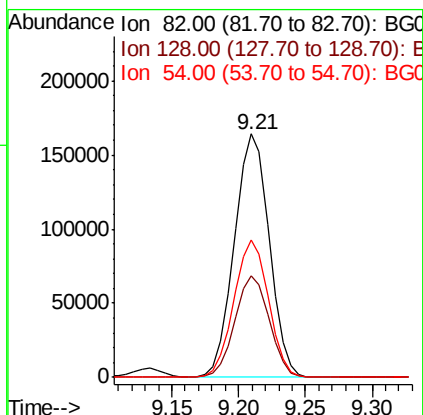
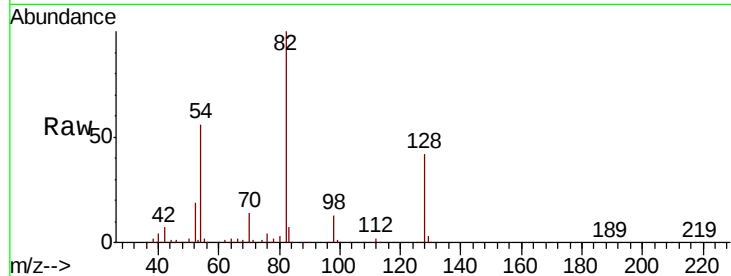




#23  
Nitrobenzene-d5  
Concen: 86.808 ng  
RT: 9.21 min Scan# 1008  
Delta R.T. -0.01 min  
Lab File: BG036802.D  
Acq: 19 Sep 2018 1:40

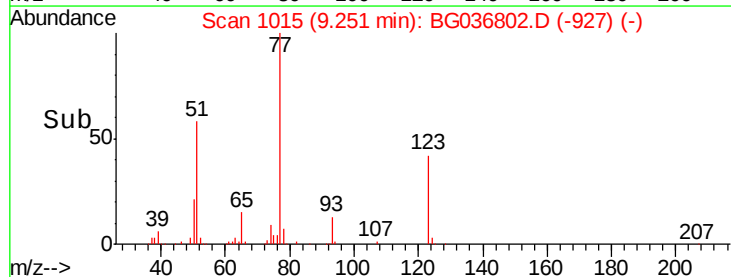
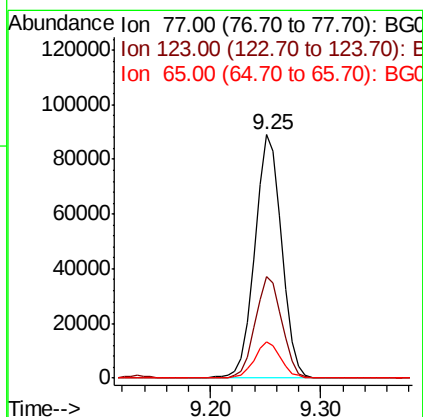
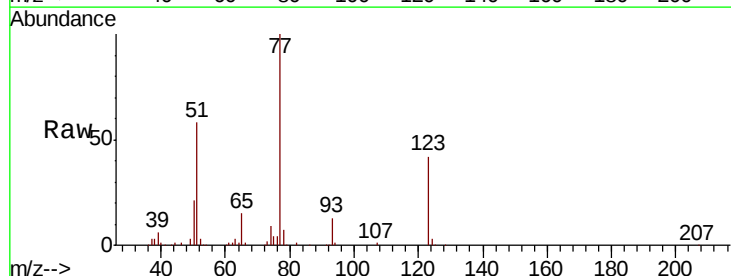
Instrument :  
BNA\_G  
ClientSampleId :

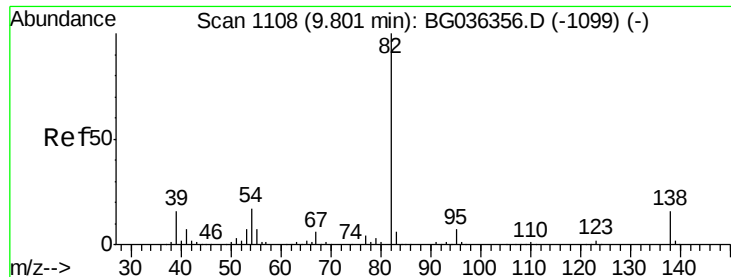
| Tot Ion   | 82    | Resp  | 297595 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 41.5  | 33.3  | 49.9   |
| 54        | 56.3  | 45.1  | 67.7   |



#24  
Nitrobenzene  
Concen: 41.143 ng  
RT: 9.25 min Scan# 1015  
Delta R.T. -0.01 min  
Lab File: BG036802.D  
Acq: 19 Sep 2018 1:40

| Tgt Ion   | 77    | Resp  | 152093 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 41.7  | 32.4  | 48.6   |
| 65        | 14.9  | 11.5  | 17.3   |





#25

Isophorone

Concen: 42.646 ng

RT: 9.77 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

Instrument :

BNA\_G

ClientSampleId :

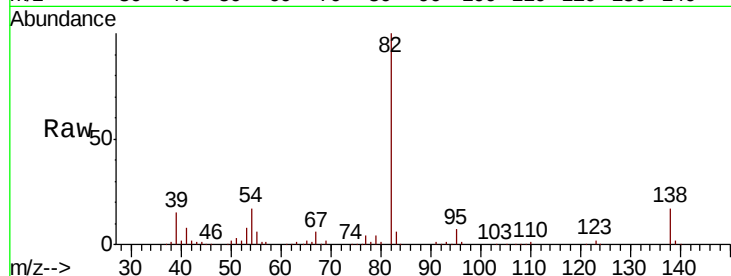
Tot Ion: 82 Resp: 290428

Ion Ratio Lower Upper

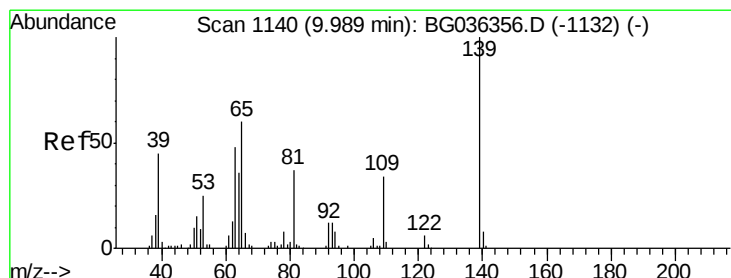
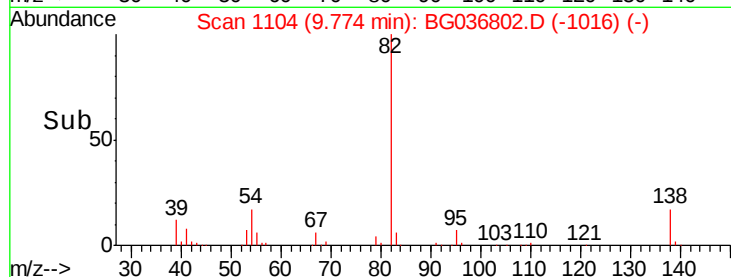
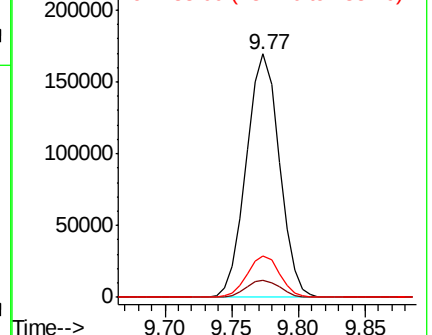
82 100

95 7.2 5.8 8.8

138 17.1 12.9 19.3



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



#26

2-Nitrophenol

Concen: 47.343 ng

RT: 9.96 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

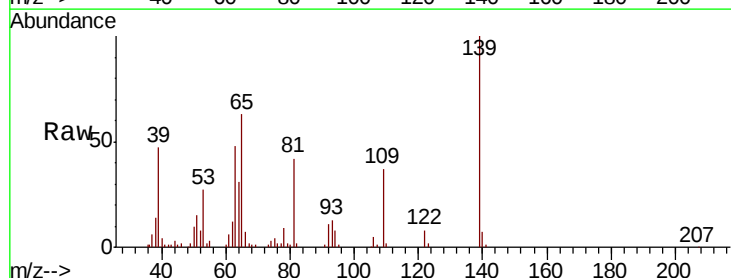
Tgt Ion: 139 Resp: 69352

Ion Ratio Lower Upper

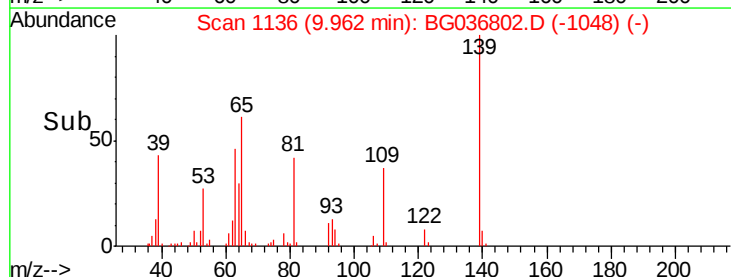
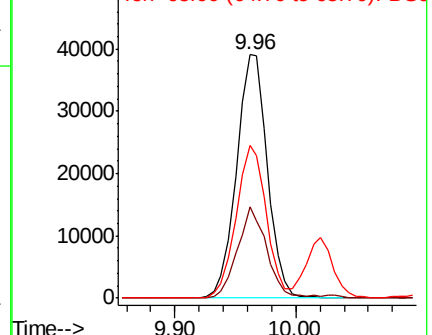
139 100

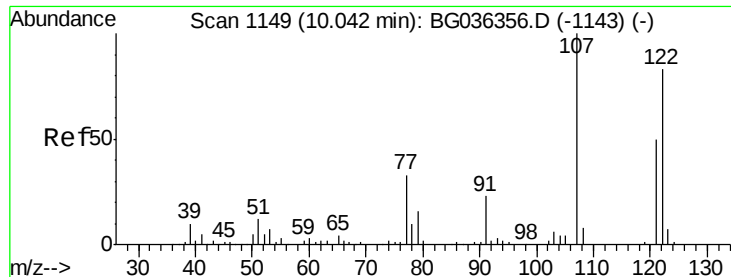
109 37.4 27.4 41.0

65 63.0 47.8 71.6



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

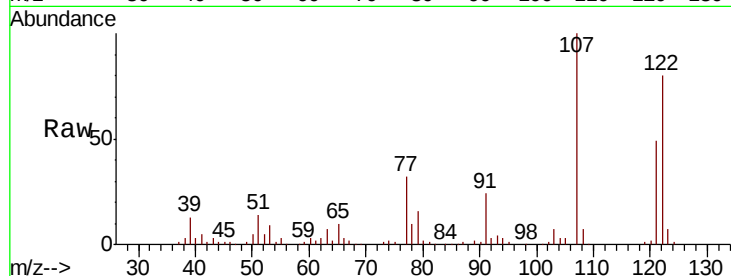




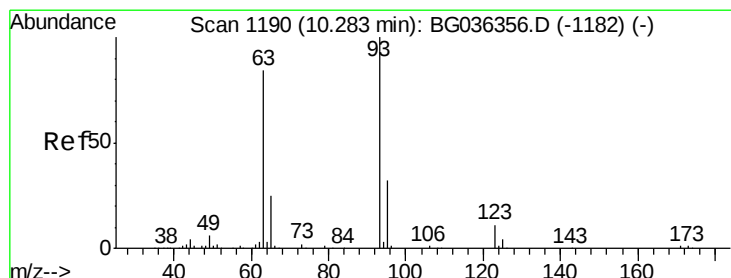
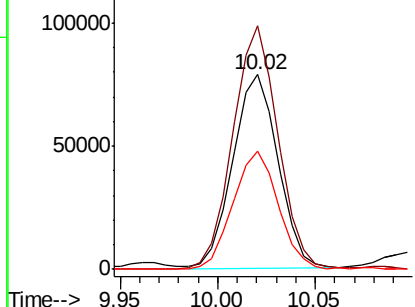
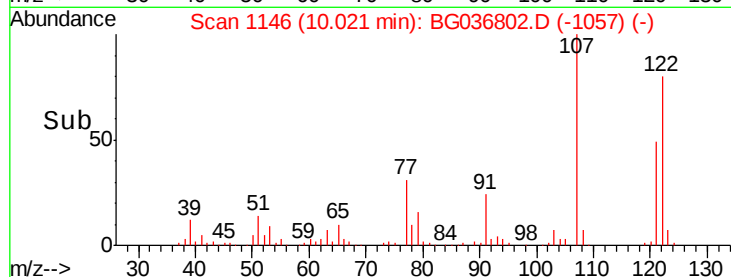
#27  
 2,4-Dimethylphenol  
 Concen: 46.586 ng  
 RT: 10.02 min Scan# 1146  
 Delta R.T. -0.01 min  
 Lab File: BG036802.D  
 Acq: 19 Sep 2018 1:40

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:122 Resp: 126344  
 Ion Ratio Lower Upper  
 122 100  
 107 125.0 96.0 144.0  
 121 60.9 48.2 72.4

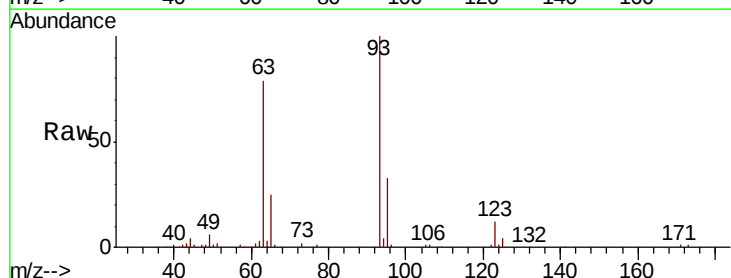


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

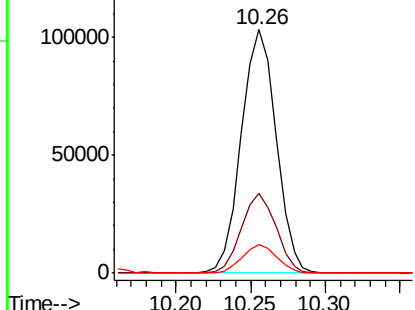
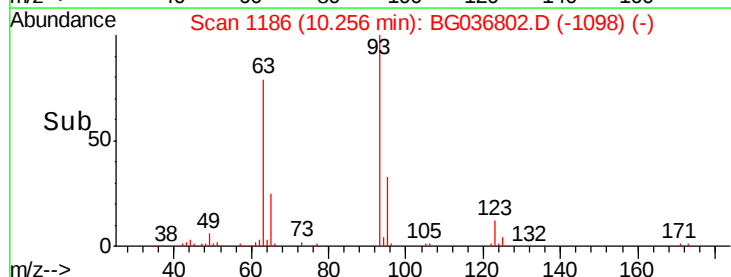


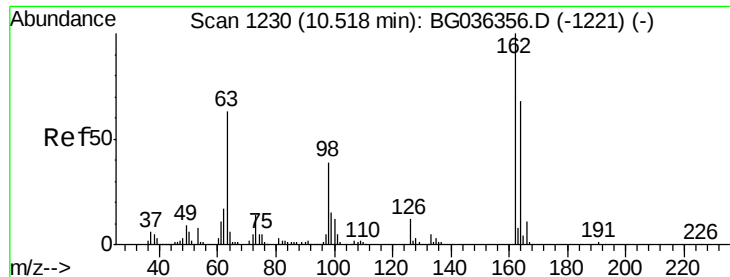
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 40.008 ng  
 RT: 10.26 min Scan# 1186  
 Delta R.T. -0.01 min  
 Lab File: BG036802.D  
 Acq: 19 Sep 2018 1:40

Tgt Ion: 93 Resp: 167218  
 Ion Ratio Lower Upper  
 93 100  
 95 32.8 25.2 37.8  
 123 11.9 8.6 12.8



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

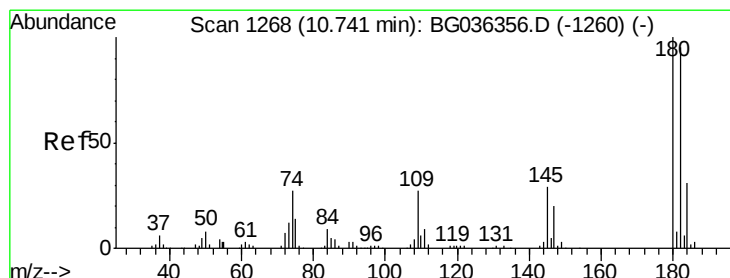
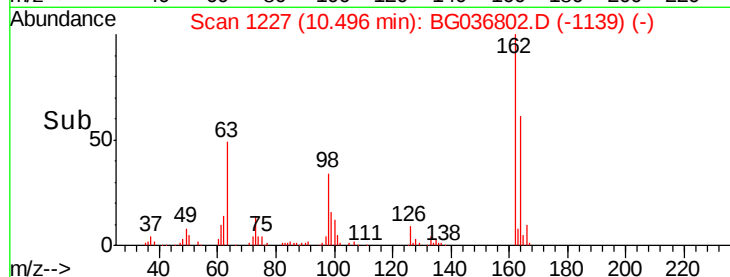
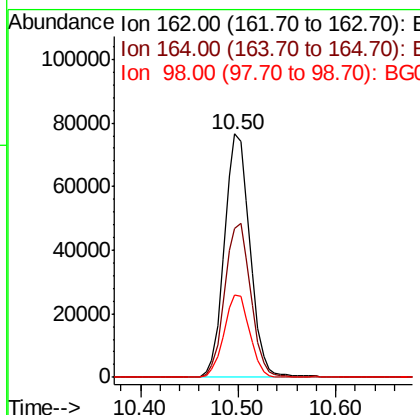
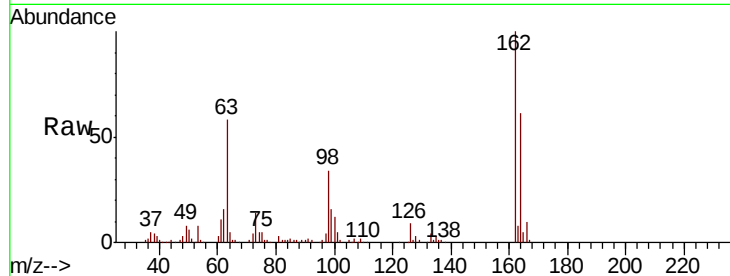




#29  
 2,4-Dichlorophenol  
 Concen: 46.671 ng  
 RT: 10.50 min Scan# 1227  
 Delta R.T. -0.01 min  
 Lab File: BG036802.D  
 Acq: 19 Sep 2018 1:40

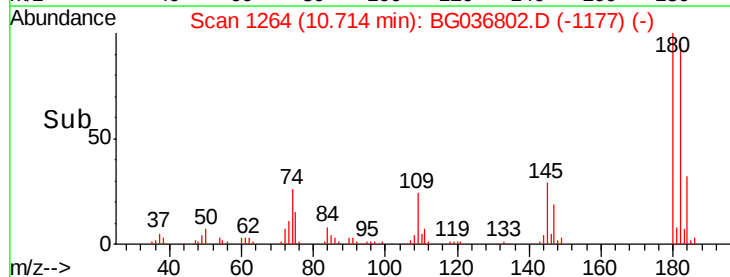
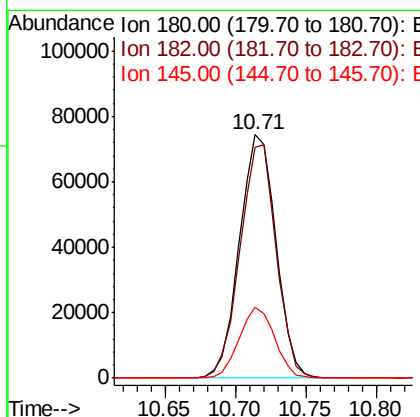
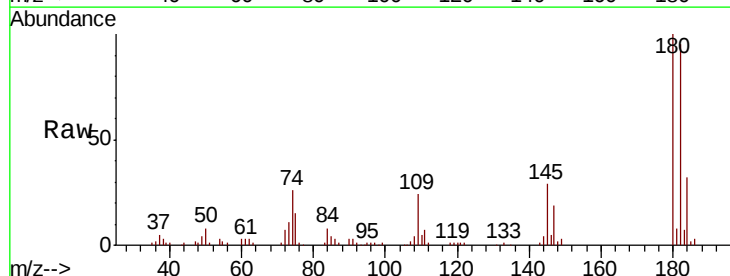
Instrument :  
 BNA\_G  
 ClientSampleId :

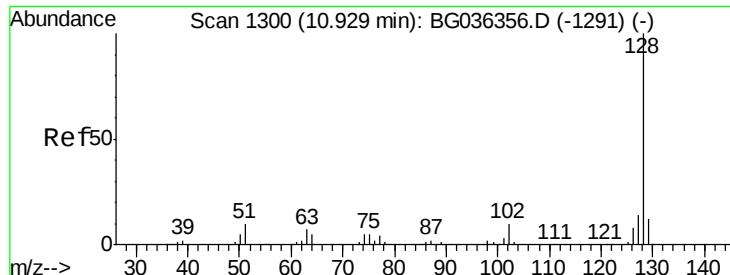
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 61.0  | 47.6  | 87.6  |
| 98      | 33.6  | 19.2  | 59.2  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 38.636 ng  
 RT: 10.71 min Scan# 1264  
 Delta R.T. -0.02 min  
 Lab File: BG036802.D  
 Acq: 19 Sep 2018 1:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.7  | 76.0  | 114.0 |
| 145     | 29.0  | 22.9  | 34.3  |





#31

Naphthalene

Concen: 41.934 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

Instrument :

BNA\_G

ClientSampled :

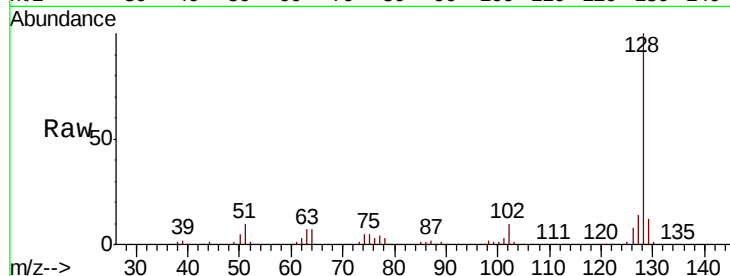
Tot Ion:128 Resp: 389908

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.2

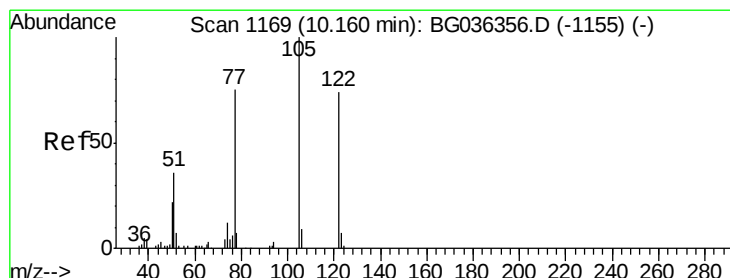
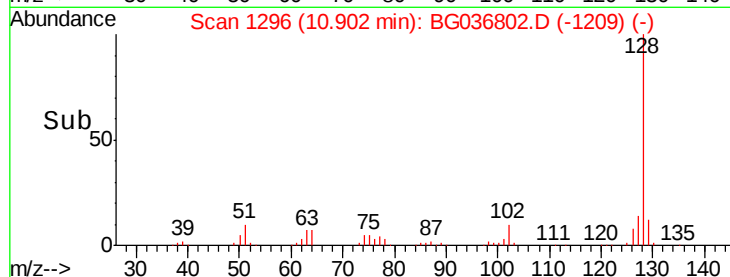
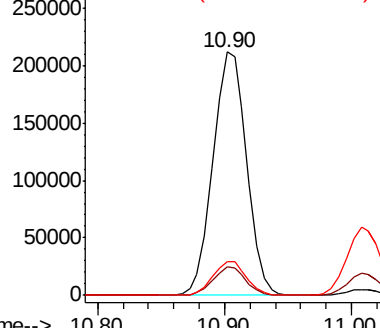
127 14.0 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.600 ng

RT: 10.16 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

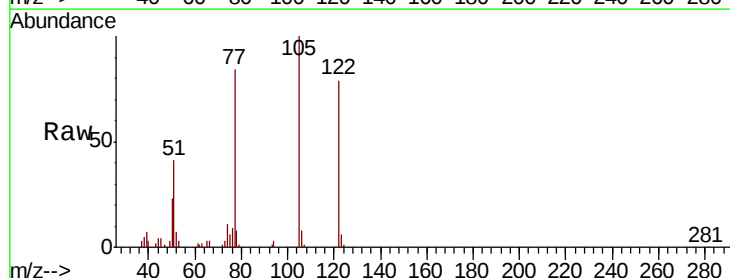
Tgt Ion:122 Resp: 84538

Ion Ratio Lower Upper

122 100

105 127.0 108.1 148.1

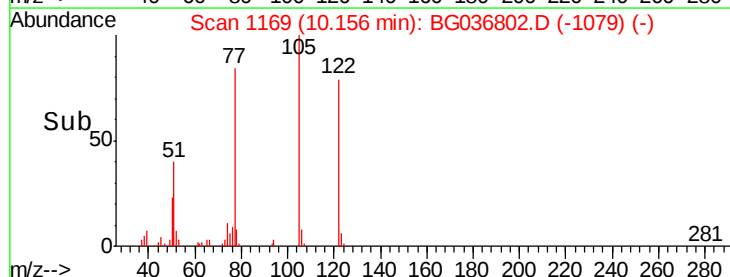
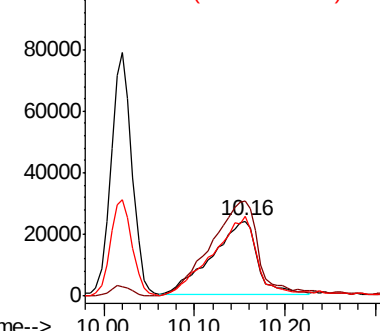
77 106.1 76.3 116.3

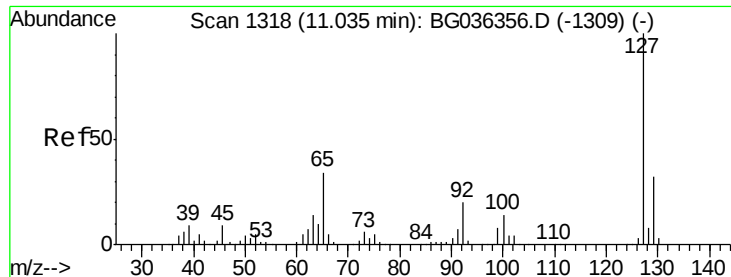


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

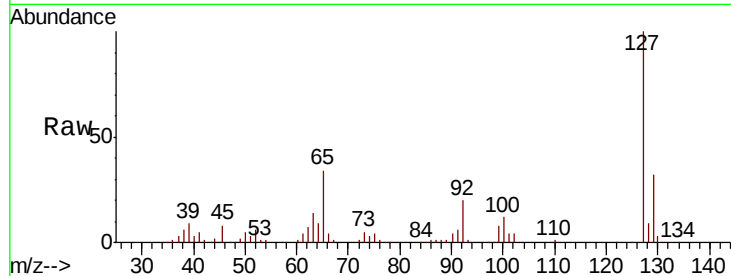




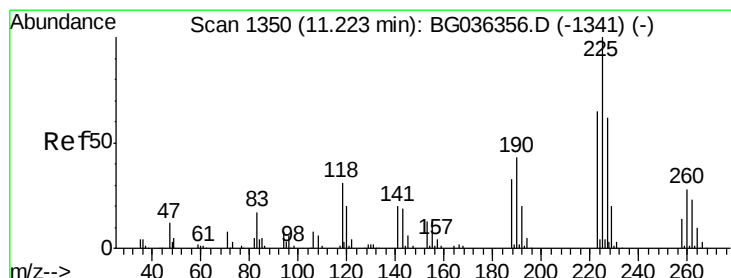
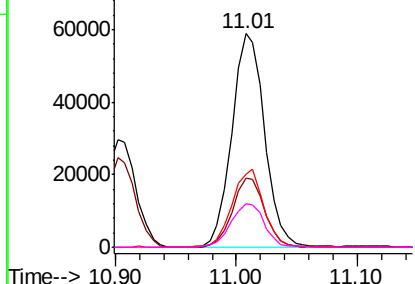
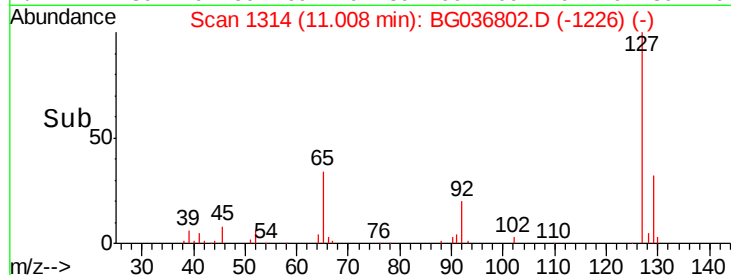
#33  
4-Chloroaniline  
Concen: 26.153 ng  
RT: 11.01 min Scan# 1314  
Delta R.T. -0.01 min  
Lab File: BG036802.D  
Acq: 19 Sep 2018 1:40

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 111432 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.5  | 25.9  | 38.9   |
| 65       | 34.1  | 27.5  | 41.3   |
| 92       | 20.1  | 16.2  | 24.2   |

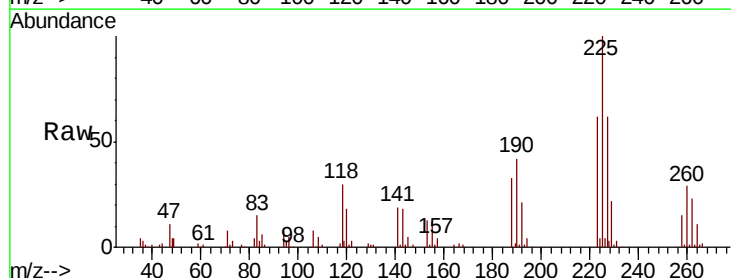


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGO  
Ion 92.00 (91.70 to 92.70): BGO

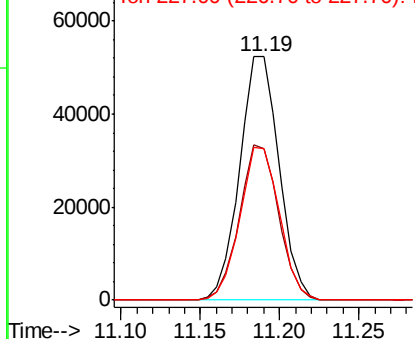
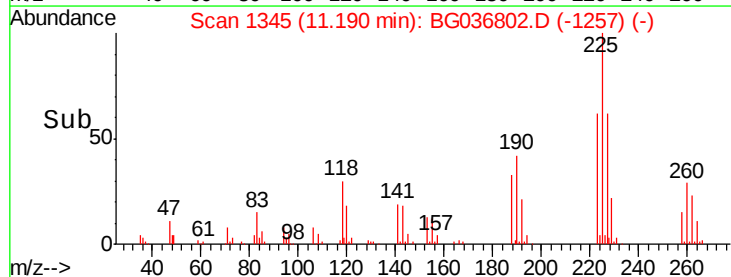


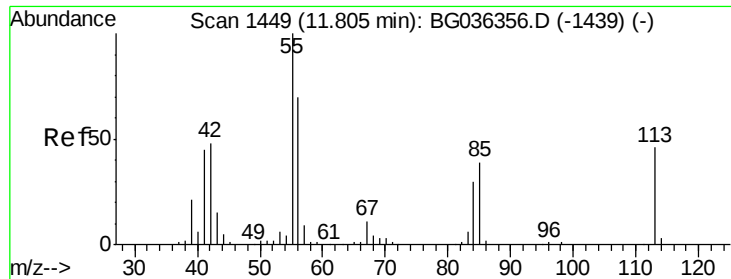
#34  
Hexachlorobutadiene  
Concen: 38.700 ng  
RT: 11.19 min Scan# 1345  
Delta R.T. -0.01 min  
Lab File: BG036802.D  
Acq: 19 Sep 2018 1:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 90411 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 62.4  | 51.8  | 77.8  |
| 227      | 62.3  | 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: 32.441 ng

RT: 11.79 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

Instrument :

BNA\_G

ClientSampleId :

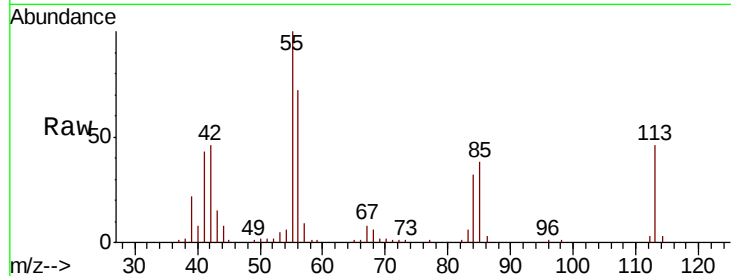
Tot Ion:113 Resp: 38412

Ion Ratio Lower Upper

113 100

55 216.5 197.7 237.7

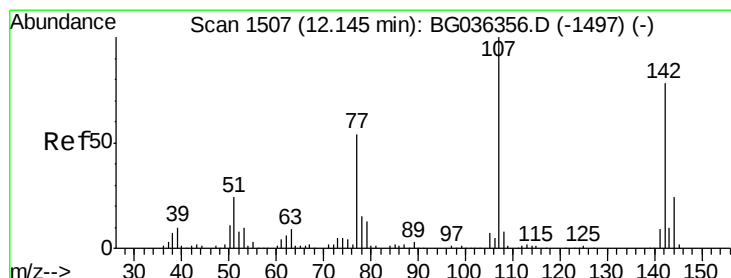
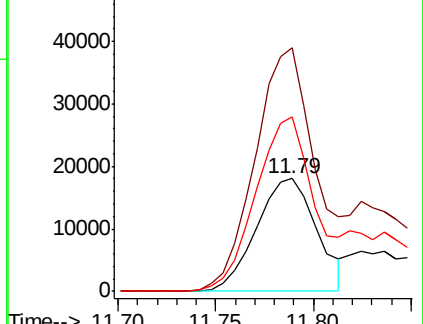
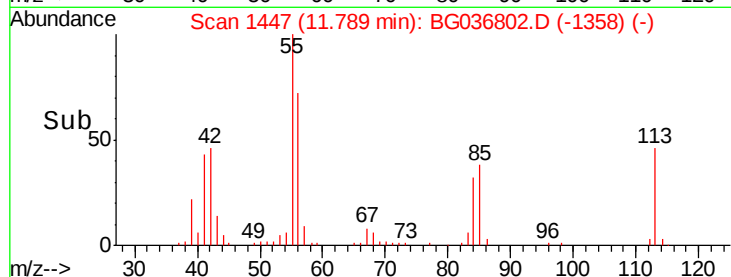
56 155.1 131.7 171.7



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: 47.806 ng

RT: 12.12 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

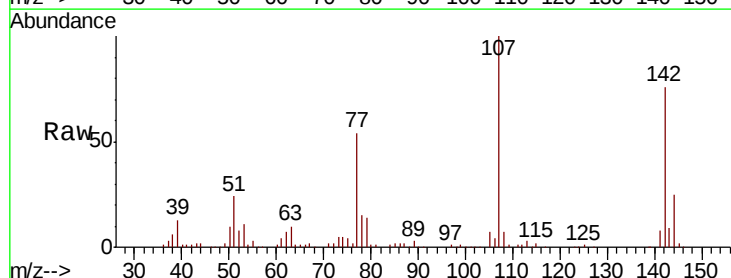
Tgt Ion:107 Resp: 165106

Ion Ratio Lower Upper

107 100

144 24.7 19.5 29.3

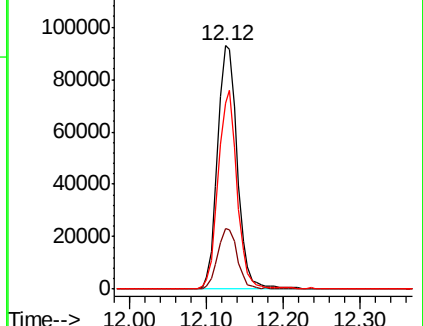
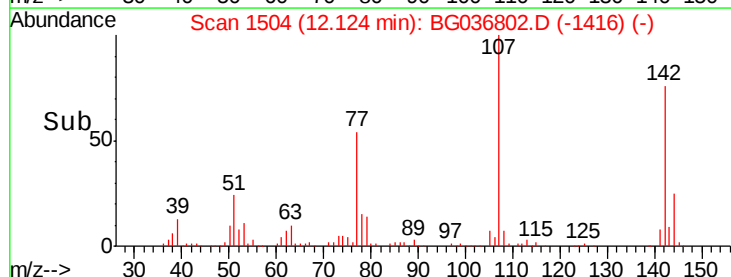
142 76.2 62.4 93.6

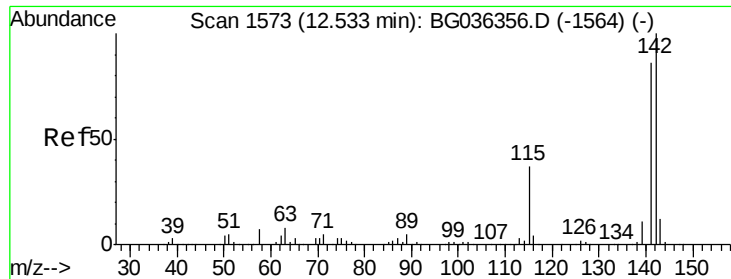


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

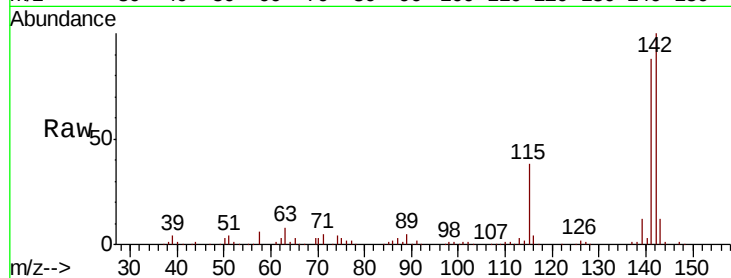




#37  
2-Methylnaphthalene  
Concen: 45.445 ng  
RT: 12.51 min Scan# 1569  
Delta R.T. -0.01 min  
Lab File: BG036802.D  
Acq: 19 Sep 2018 1:40

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.4  | 68.5  | 102.7 |
| 115     | 38.3  | 29.8  | 44.8  |

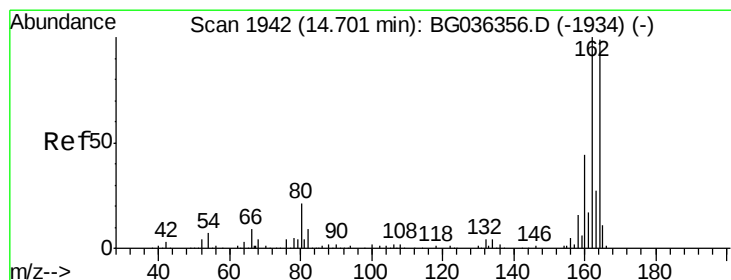
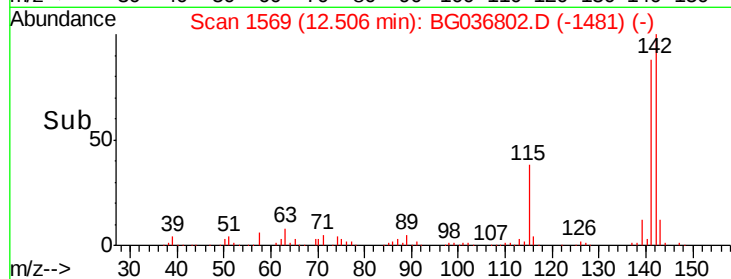
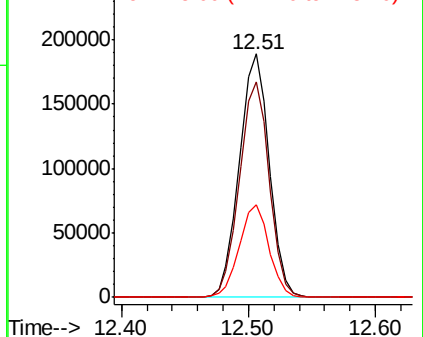


Abundance

Ion 142.00 (141.70 to 142.70): E

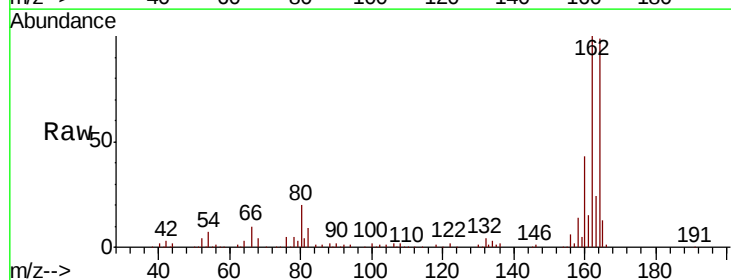
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.67 min Scan# 1938  
Delta R.T. -0.01 min  
Lab File: BG036802.D  
Acq: 19 Sep 2018 1:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 100.8 | 80.7  | 121.1 |
| 160     | 43.8  | 35.3  | 52.9  |

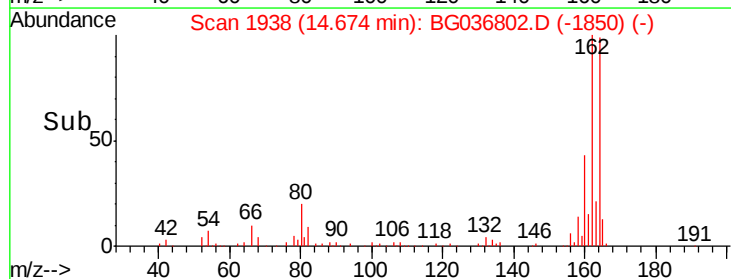
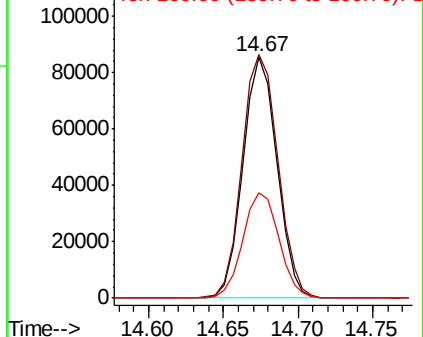


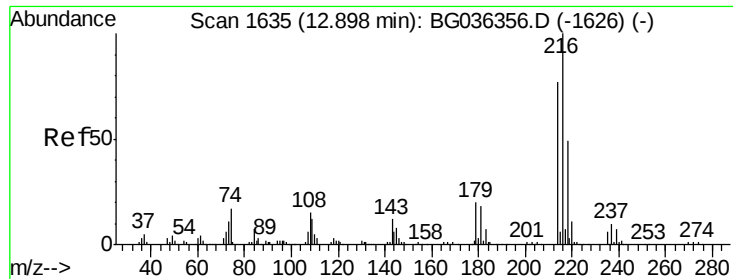
Abundance

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: 36.739 ng

RT: 12.87 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:216 Resp: 175099

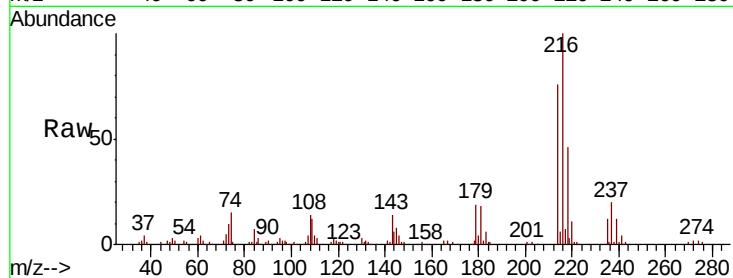
Ion Ratio Lower Upper

216 100

214 78.9 61.0 91.6

179 19.2 15.7 23.5

108 17.8 13.1 19.7

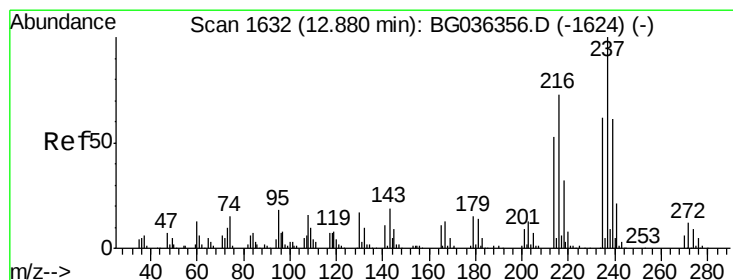
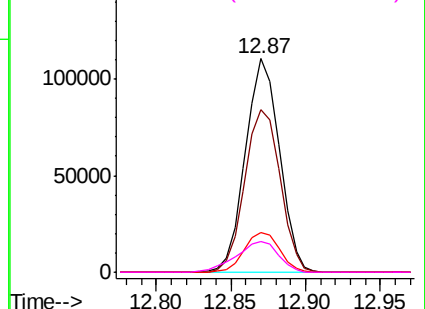
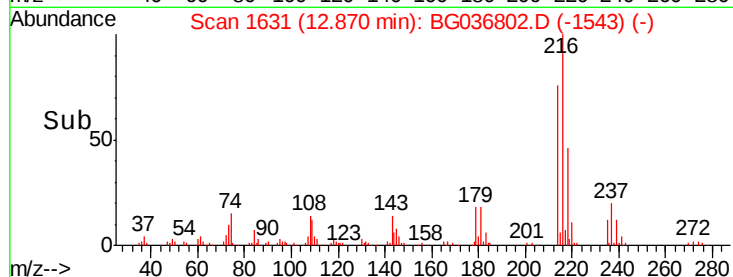


Abundance Ion 216.00 (215.70 to 216.70): E

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: 85.876 ng

RT: 12.85 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

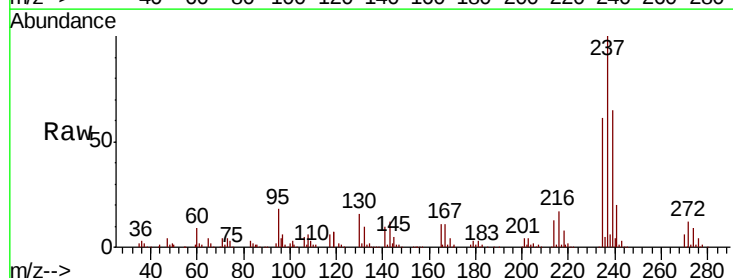
Tgt Ion:237 Resp: 212952

Ion Ratio Lower Upper

237 100

235 61.5 42.2 82.2

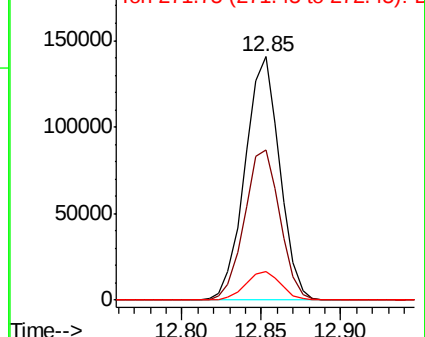
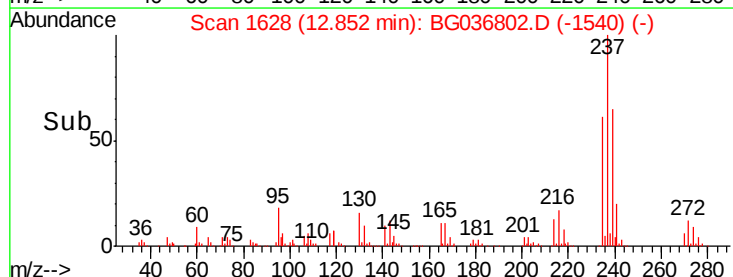
272 12.0 0.0 32.1

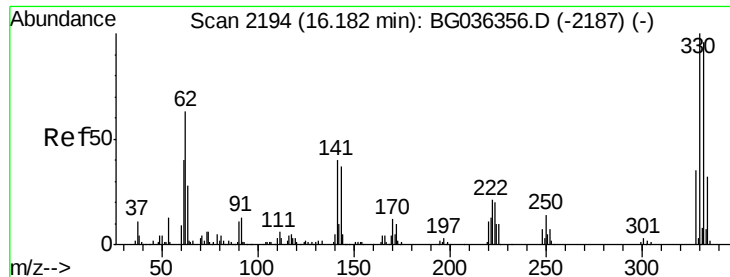


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

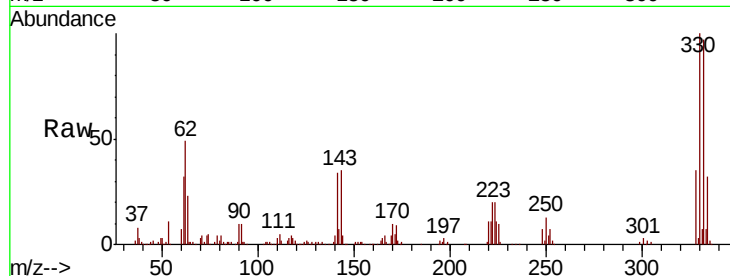




#41  
 2,4,6-Tribromophenol  
 Concen: 154.766 ng  
 RT: 16.17 min Scan# 2192  
 Delta R.T. -0.01 min  
 Lab File: BG036802.D  
 Acq: 19 Sep 2018 1:40

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.8  | 75.4  | 113.2 |
| 141     | 36.3  | 30.7  | 46.1  |

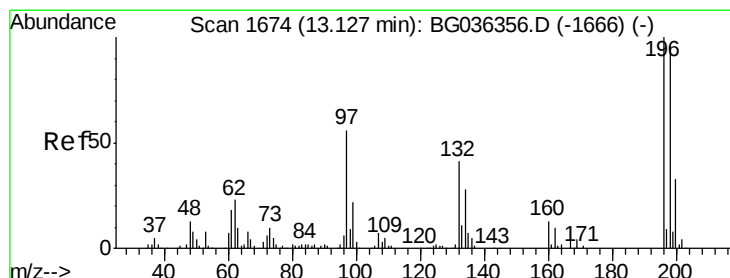
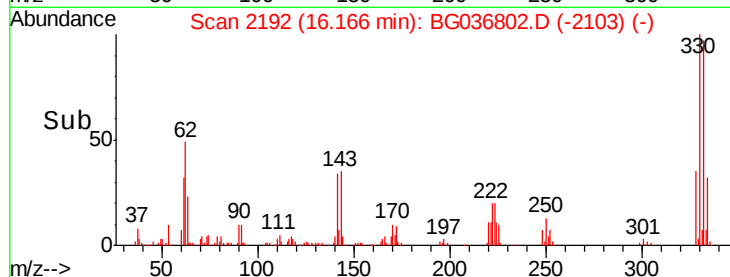
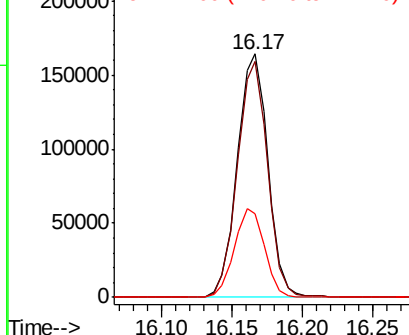


Abundance

Ion 329.80 (329.50 to 330.50): E

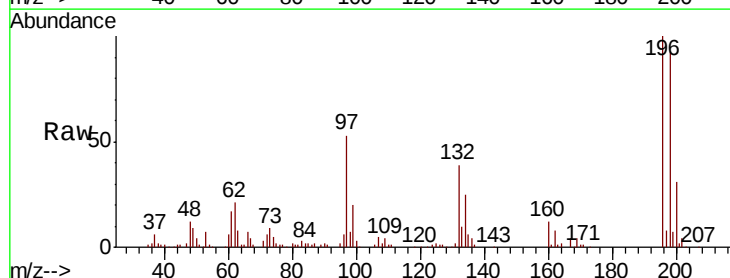
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42  
 2,4,6-Trichlorophenol  
 Concen: 44.020 ng  
 RT: 13.11 min Scan# 1671  
 Delta R.T. -0.01 min  
 Lab File: BG036802.D  
 Acq: 19 Sep 2018 1:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 92.7  | 77.2  | 115.8 |
| 200     | 30.6  | 26.3  | 39.5  |

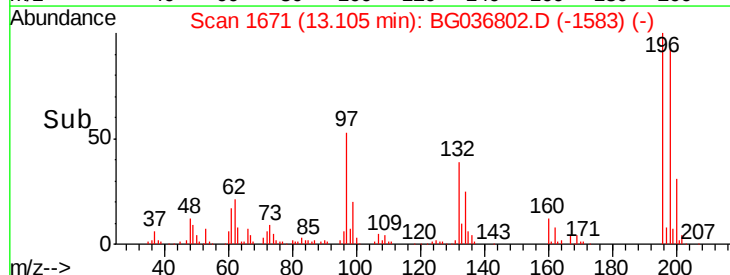
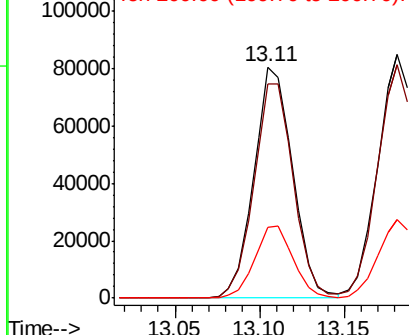


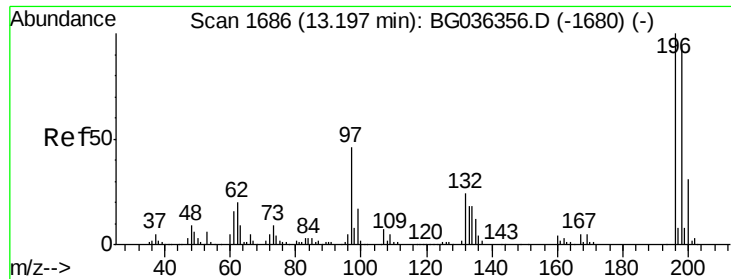
Abundance

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

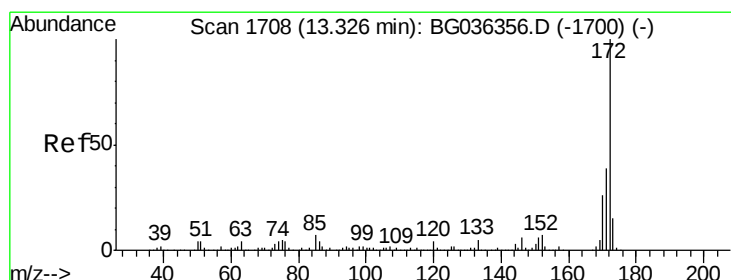
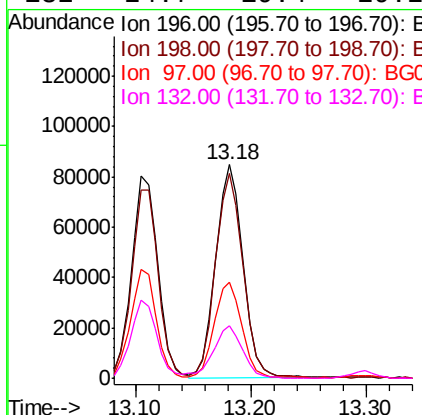
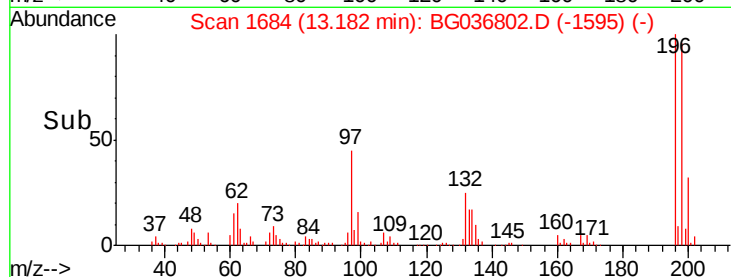
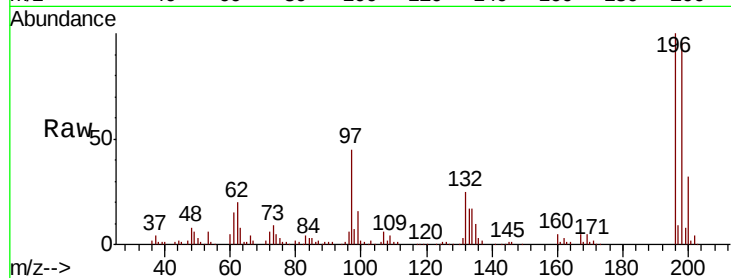




#43  
 2,4,5-Trichlorophenol  
 Concen: 44.828 ng  
 RT: 13.18 min Scan# 1684  
 Delta R.T. -0.01 min  
 Lab File: BG036802.D  
 Acq: 19 Sep 2018 1:40

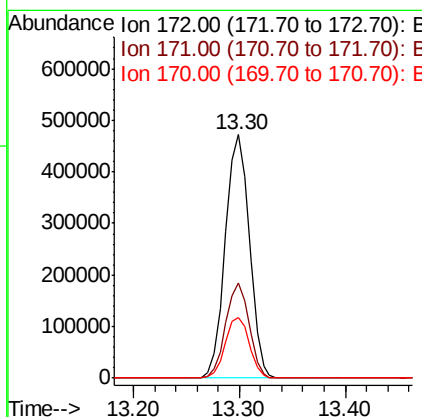
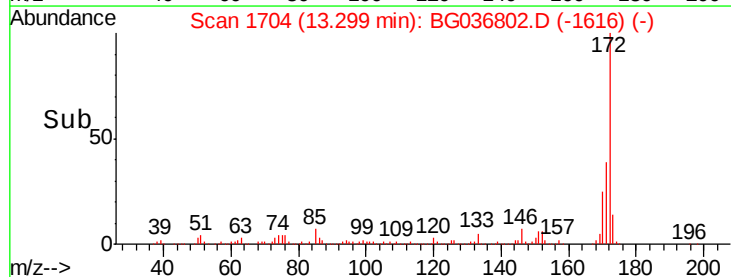
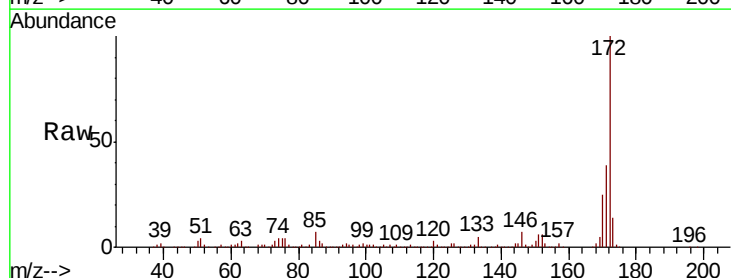
Instrument :  
 BNA\_G  
 ClientSampleId :

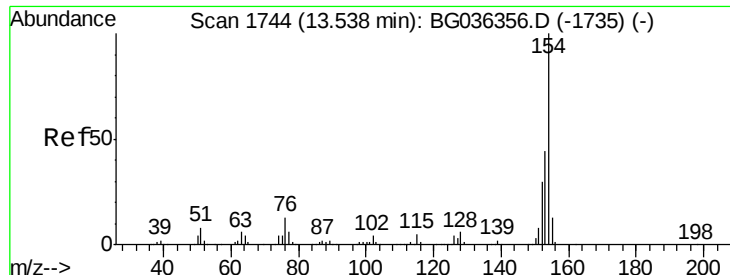
| Tot Ion   | 196  | Resp  | 138813 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 196       | 100  |       |        |
| 198       | 96.0 | 75.6  | 113.4  |
| 97        | 44.9 | 37.2  | 55.8   |
| 132       | 24.7 | 19.4  | 29.2   |



#44  
 2-Fluorobiphenyl  
 Concen: 78.800 ng  
 RT: 13.30 min Scan# 1704  
 Delta R.T. -0.01 min  
 Lab File: BG036802.D  
 Acq: 19 Sep 2018 1:40

| Tgt Ion   | 172  | Resp  | 743262 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 172       | 100  |       |        |
| 171       | 39.1 | 31.3  | 46.9   |
| 170       | 24.9 | 21.0  | 31.6   |

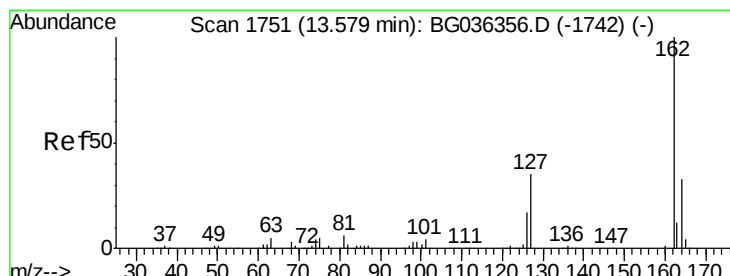
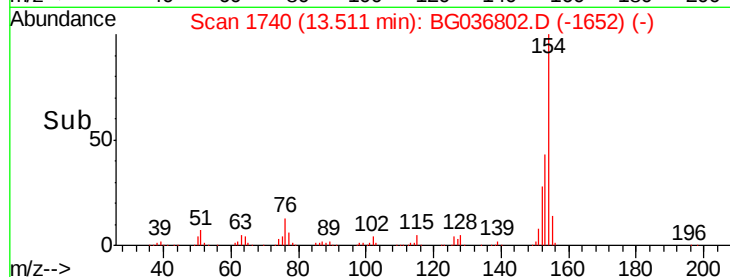
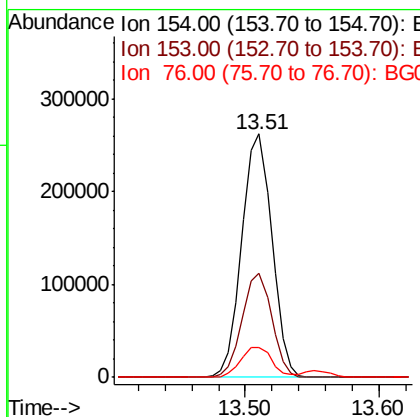
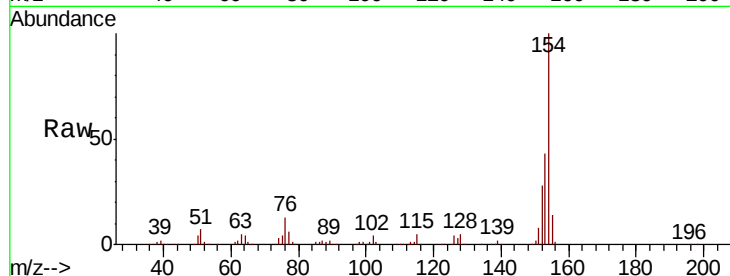




#45  
 1,1'-Biphenyl  
 Concen: 36.571 ng  
 RT: 13.51 min Scan# 1740  
 Delta R.T. -0.01 min  
 Lab File: BG036802.D  
 Acq: 19 Sep 2018 1:40

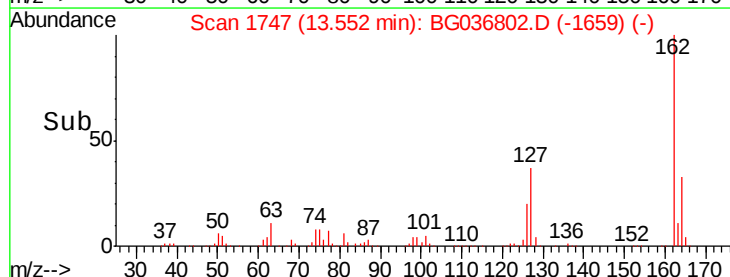
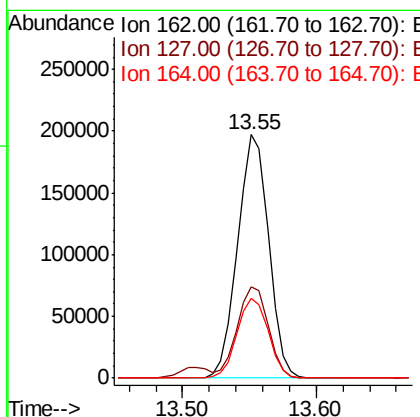
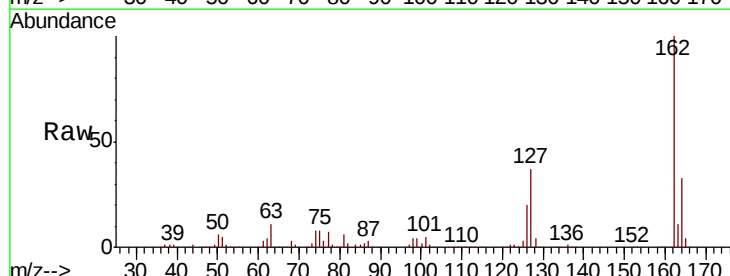
Instrument :  
 BNA\_G  
 ClientSampleId :

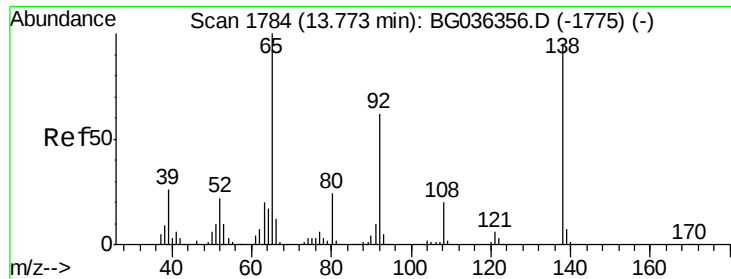
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.7  | 24.0  | 64.0  |
| 76      | 12.5  | 0.0   | 32.9  |



#46  
 2-Chloronaphthalene  
 Concen: 37.043 ng  
 RT: 13.55 min Scan# 1747  
 Delta R.T. -0.01 min  
 Lab File: BG036802.D  
 Acq: 19 Sep 2018 1:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 37.3  | 30.7  | 46.1  |
| 164     | 32.6  | 26.7  | 40.1  |





#47

2-Nitroaniline

Concen: 46.963 ng

RT: 13.75 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

Instrument :

BNA\_G

ClientSampled :

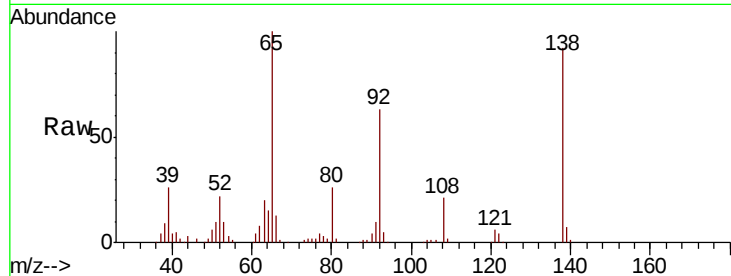
Tot Ion: 65 Resp: 125857

Ion Ratio Lower Upper

65 100

92 63.4 49.9 74.9

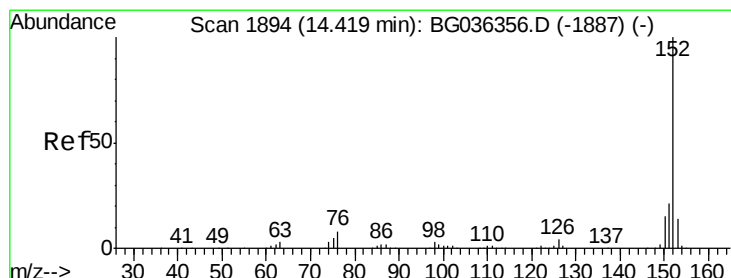
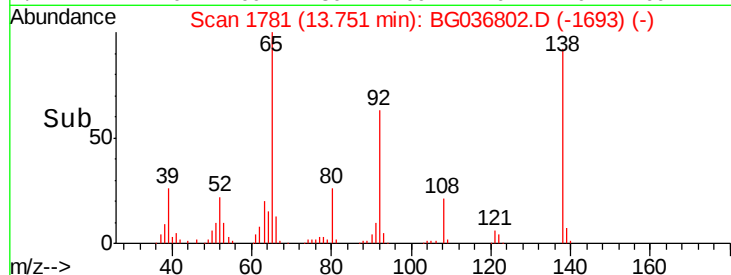
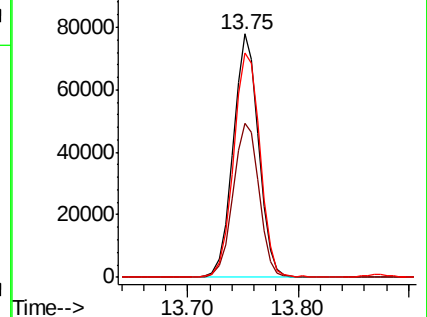
138 92.3 76.2 114.4



Abundance Ion 65.00 (64.70 to 65.70): BG036356.D (-1775) (-)

Ion 92.00 (91.70 to 92.70): BG036356.D (-1775) (-)

Ion 138.00 (137.70 to 138.70): BG036356.D (-1775) (-)



#48

Acenaphthylene

Concen: 41.836 ng

RT: 14.40 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

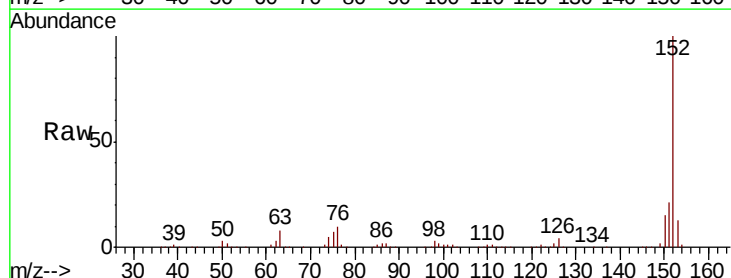
Tgt Ion: 152 Resp: 558002

Ion Ratio Lower Upper

152 100

151 21.2 16.9 25.3

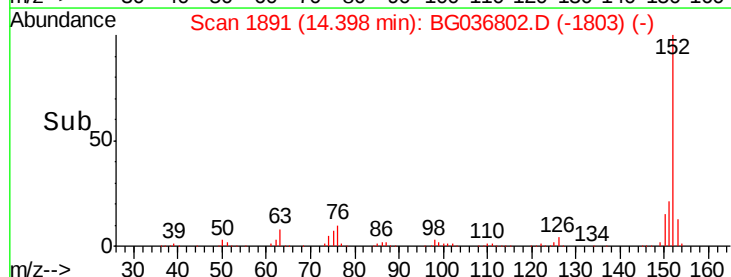
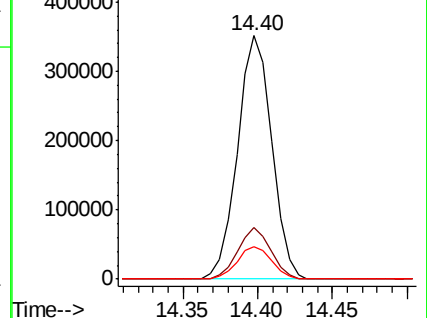
153 13.2 11.2 16.8

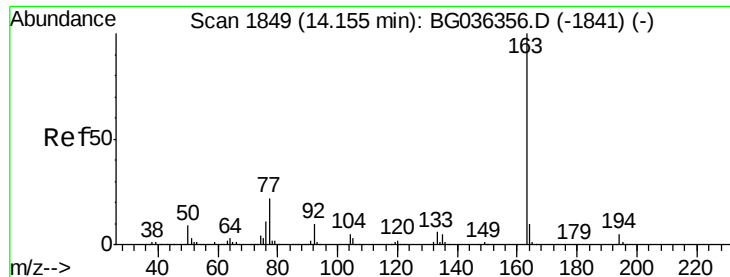


Abundance Ion 152.00 (151.70 to 152.70): BG036356.D (-1887) (-)

Ion 151.00 (150.70 to 151.70): BG036356.D (-1887) (-)

Ion 153.00 (152.70 to 153.70): BG036356.D (-1887) (-)





#49

Dimethylphthalate

Concen: 41.705 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

Instrument :

BNA\_G

ClientSampleId :

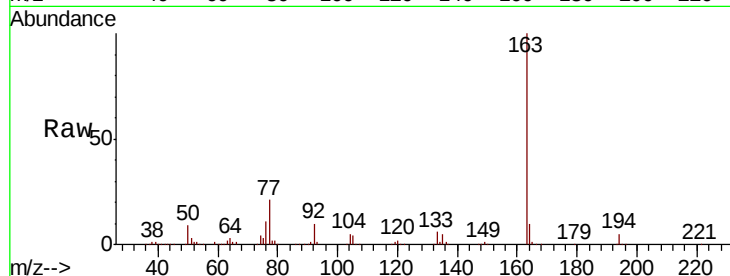
Tot Ion:163 Resp: 458629

Ion Ratio Lower Upper

163 100

194 5.3 4.0 6.0

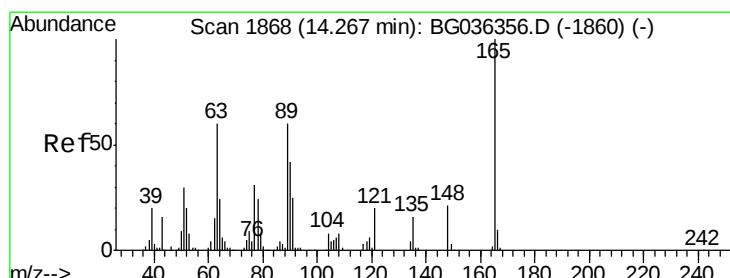
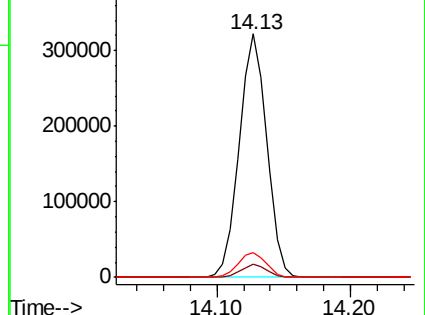
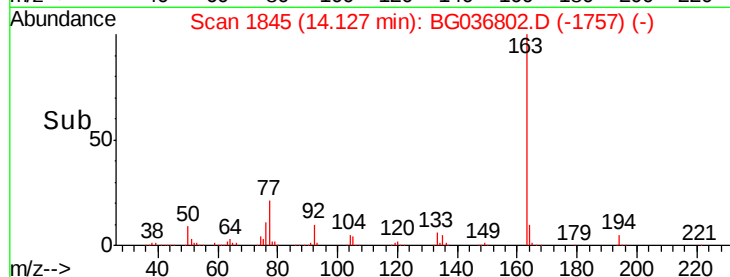
164 10.3 8.1 12.1



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: 45.940 ng

RT: 14.24 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

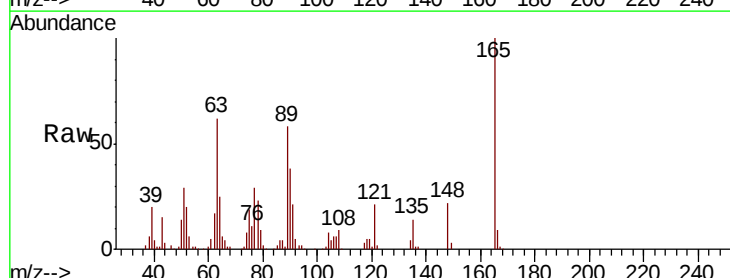
Tgt Ion:165 Resp: 103956

Ion Ratio Lower Upper

165 100

63 61.7 50.1 75.1

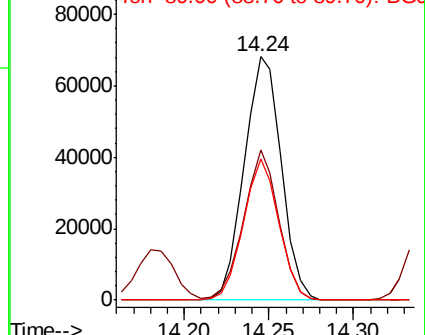
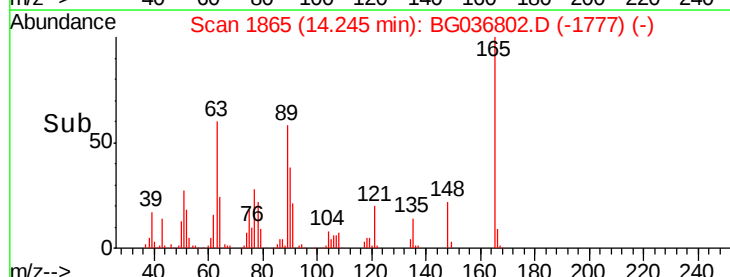
89 58.0 47.8 71.6

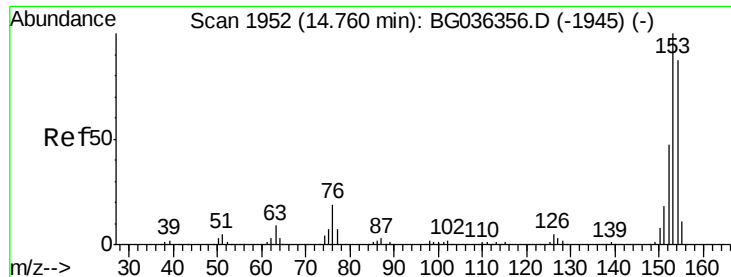


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 38.188 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

Instrument :

BNA\_G

ClientSampleId :

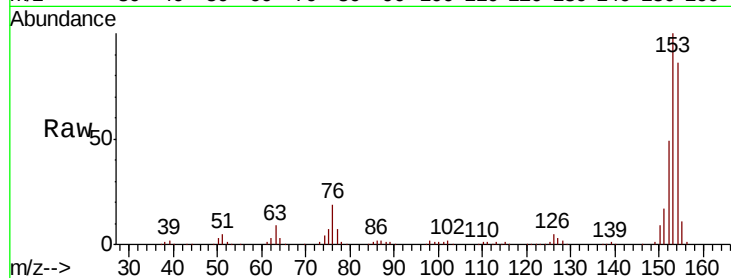
Tot Ion:154 Resp: 326206

Ion Ratio Lower Upper

154 100

153 116.6 91.8 137.6

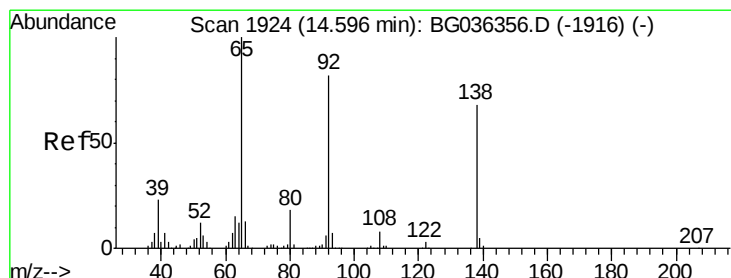
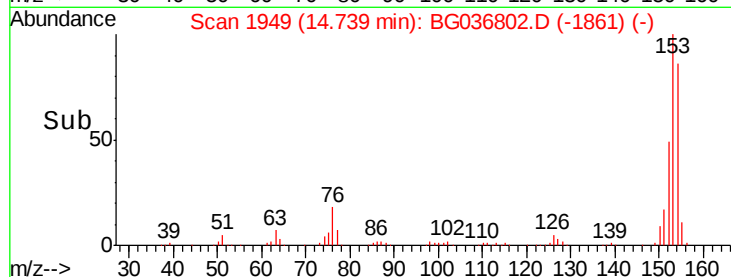
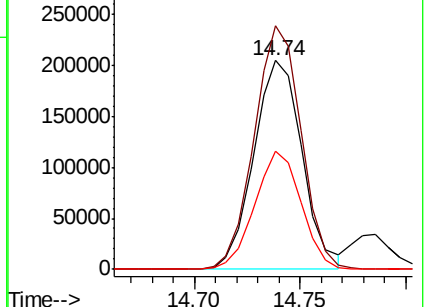
152 56.7 43.5 65.3



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: 34.040 ng

RT: 14.58 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

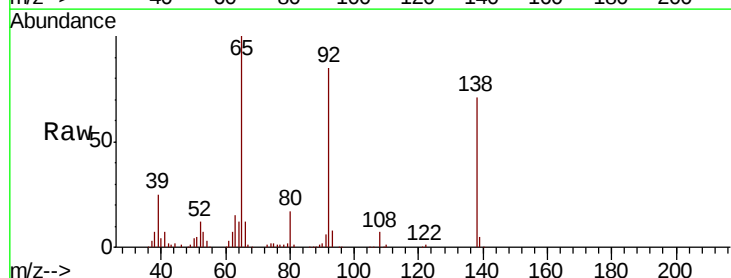
Tgt Ion:138 Resp: 83007

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.2

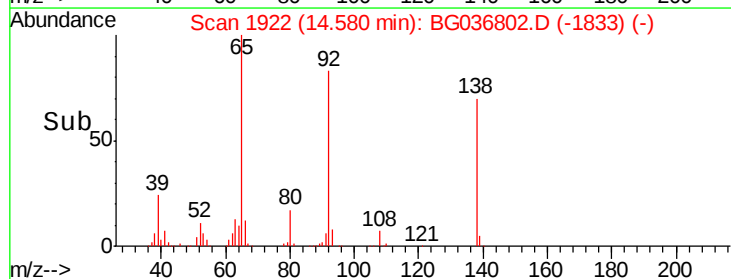
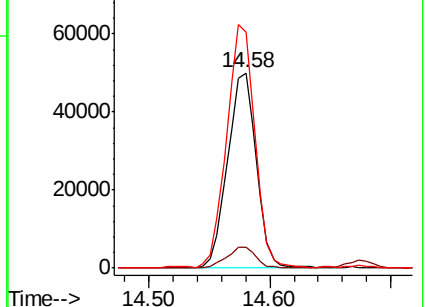
92 120.8 96.8 145.2

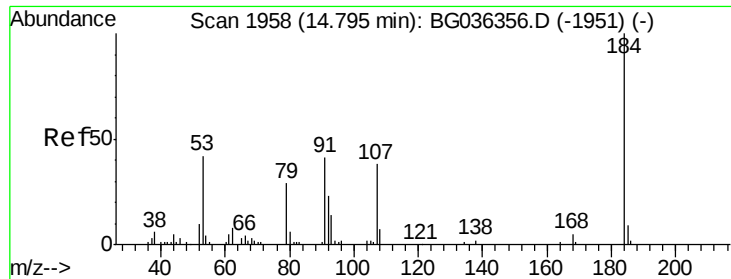


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

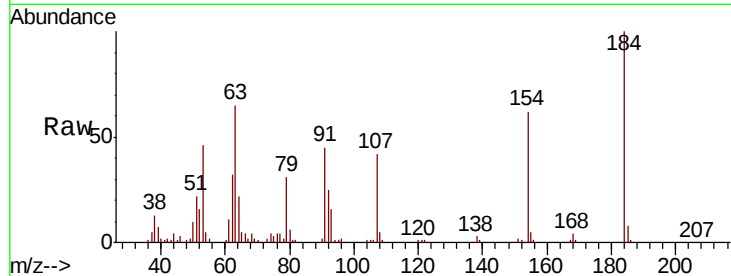




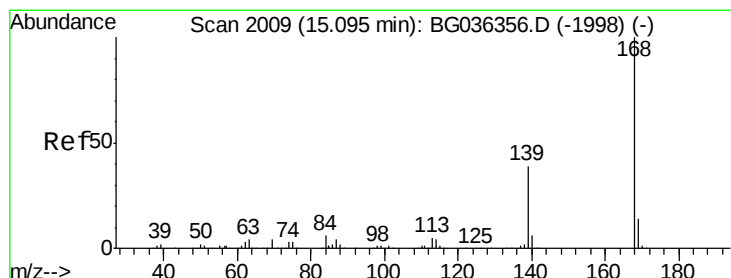
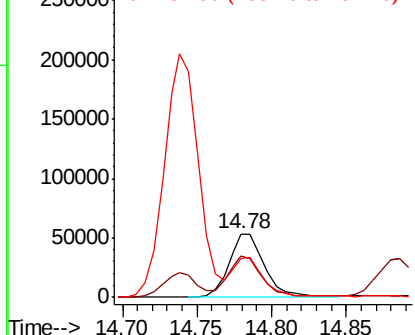
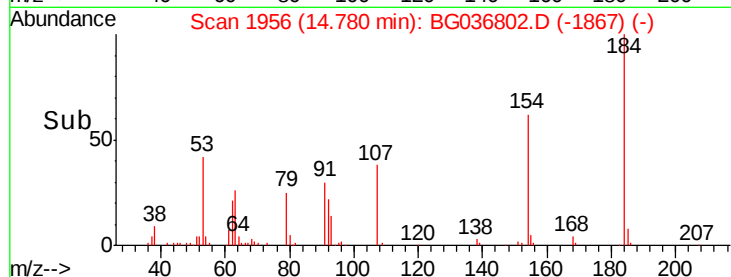
#53  
 2,4-Dinitrophenol  
 Concen: 104.377 ng  
 RT: 14.78 min Scan# 1956  
 Delta R.T. -0.01 min  
 Lab File: BG036802.D  
 Acq: 19 Sep 2018 1:40

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:184 Resp: 89464  
 Ion Ratio Lower Upper  
 184 100  
 63 65.5 47.3 70.9  
 154 61.6 51.1 76.7

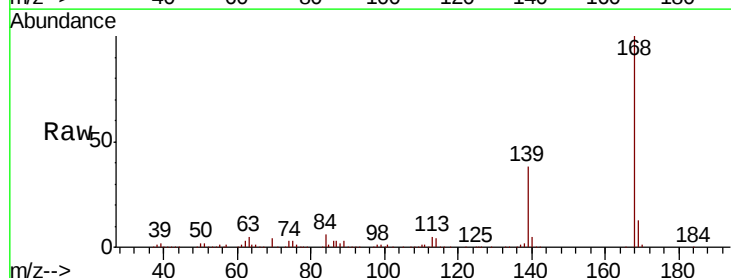


Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 154.00 (153.70 to 154.70): E

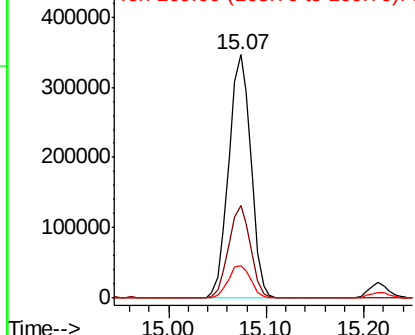
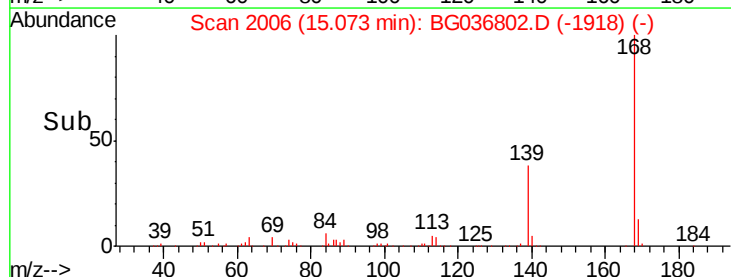


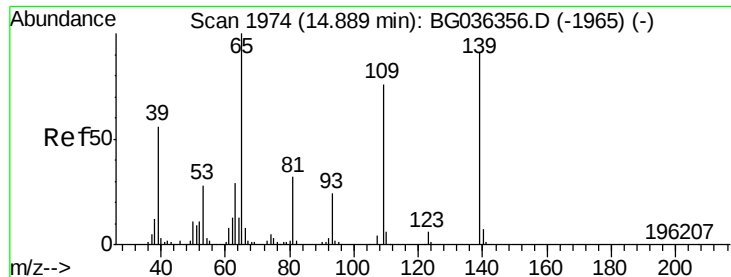
#54  
 Dibenzofuran  
 Concen: 40.725 ng  
 RT: 15.07 min Scan# 2006  
 Delta R.T. -0.01 min  
 Lab File: BG036802.D  
 Acq: 19 Sep 2018 1:40

Tgt Ion:168 Resp: 545002  
 Ion Ratio Lower Upper  
 168 100  
 139 38.1 31.0 46.6  
 169 13.4 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: 88.554 ng

RT: 14.89 min Scan# 1974

Delta R.T. 0.01 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

Instrument :

BNA\_G

ClientSampleId :

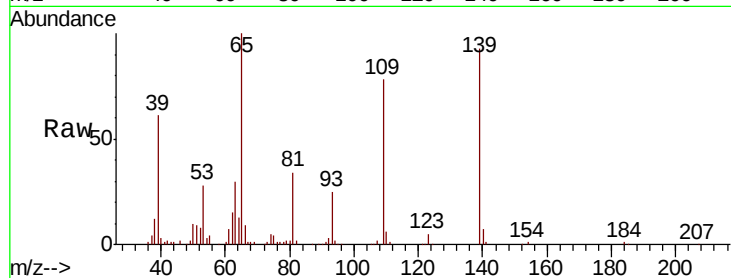
Tot Ion:139 Resp: 176561

Ion Ratio Lower Upper

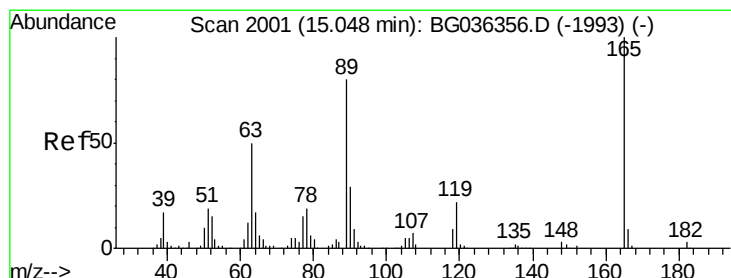
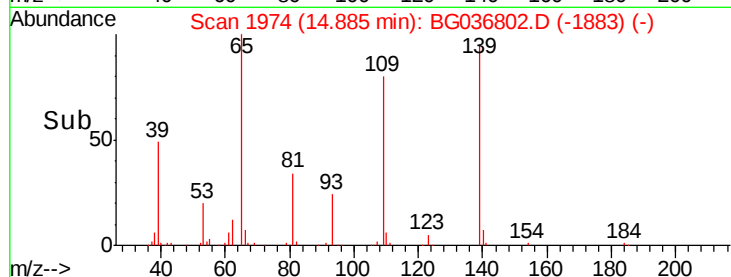
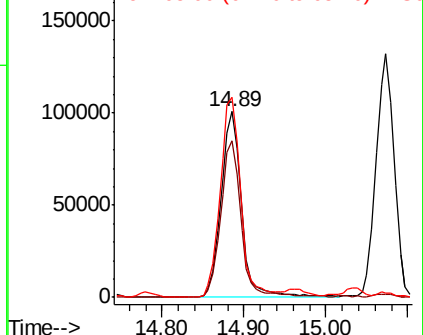
139 100

109 84.3 63.9 103.9

65 107.6 90.0 130.0



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



#56

2,4-Dinitrotoluene

Concen: 51.524 ng

RT: 15.03 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

Tgt Ion:165 Resp: 151954

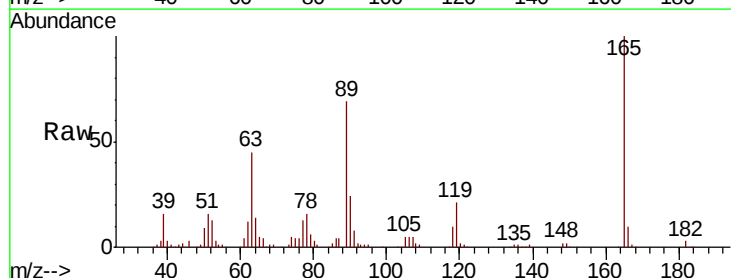
Ion Ratio Lower Upper

165 100

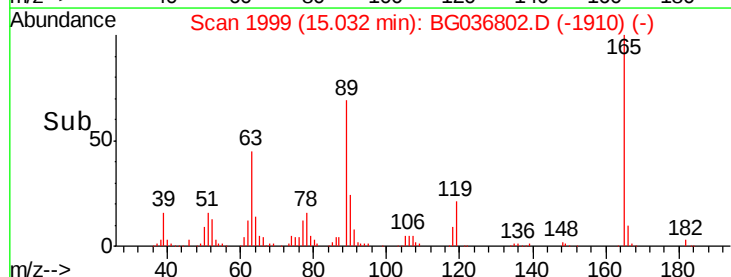
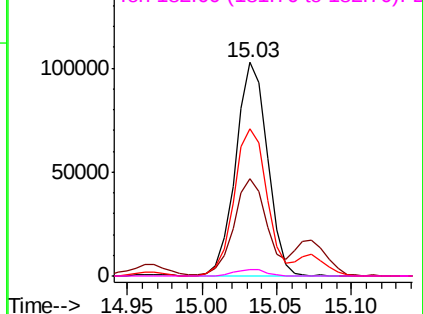
63 45.3 40.1 60.1

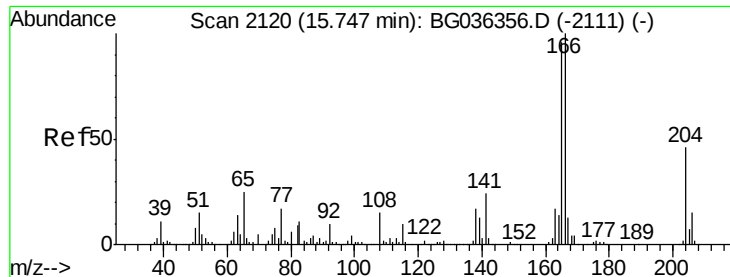
89 69.2 63.7 95.5

182 3.1 2.5 3.7



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 89.00 (88.70 to 89.70): BGC  
Ion 182.00 (181.70 to 182.70): E

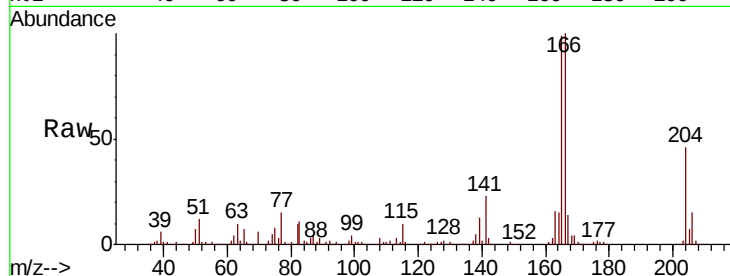




#57  
 Fluorene  
 Concen: 44.484 ng  
 RT: 15.72 min Scan# 2116  
 Delta R.T. -0.01 min  
 Lab File: BG036802.D  
 Acq: 19 Sep 2018 1:40

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.7  | 77.0  | 115.4 |
| 167     | 14.4  | 10.6  | 16.0  |

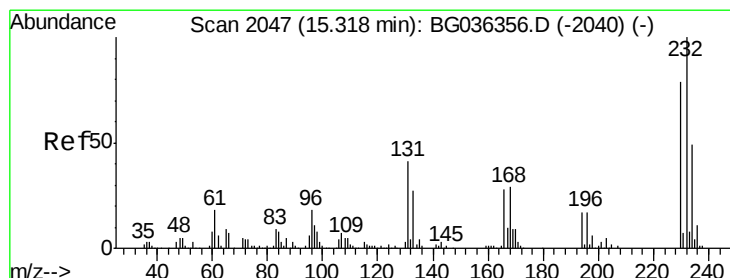
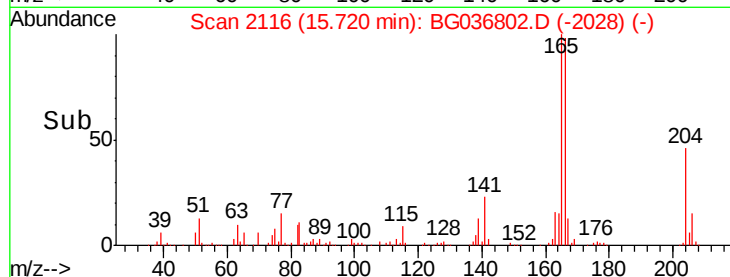
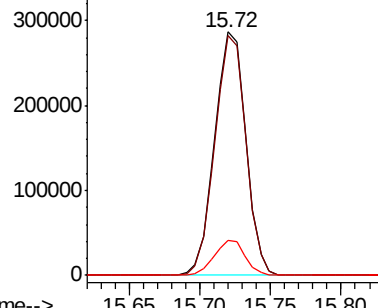


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 51.182 ng  
 RT: 15.30 min Scan# 2044  
 Delta R.T. -0.01 min  
 Lab File: BG036802.D  
 Acq: 19 Sep 2018 1:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 37.9  | 33.8  | 50.8  |
| 130     | 2.3   | 2.1   | 3.1   |
| 166     | 26.7  | 22.3  | 33.5  |

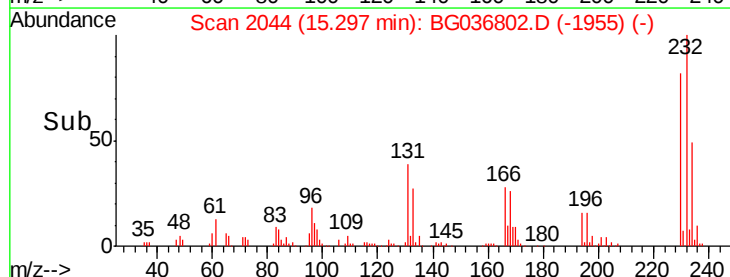
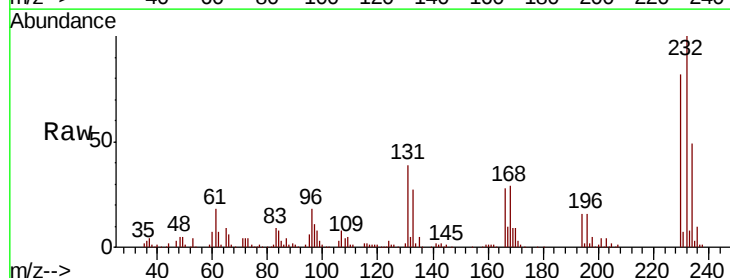
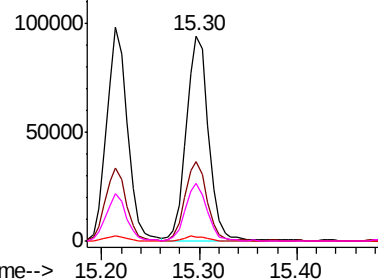
Abundance

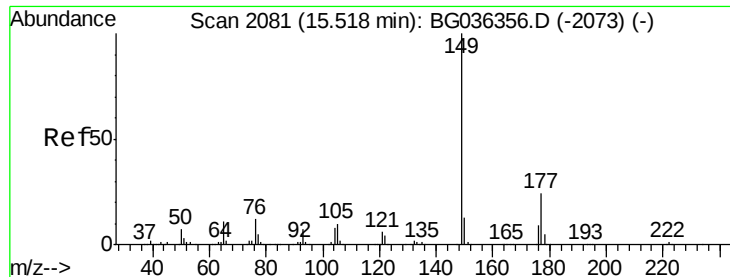
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 42.421 ng

RT: 15.49 min Scan# 2077

Delta R.T. -0.01 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

Instrument :

BNA\_G

ClientSampled :

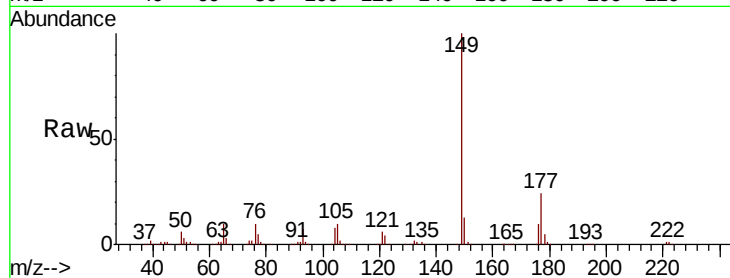
Tot Ion:149 Resp: 470132

Ion Ratio Lower Upper

149 100

177 23.8 19.1 28.7

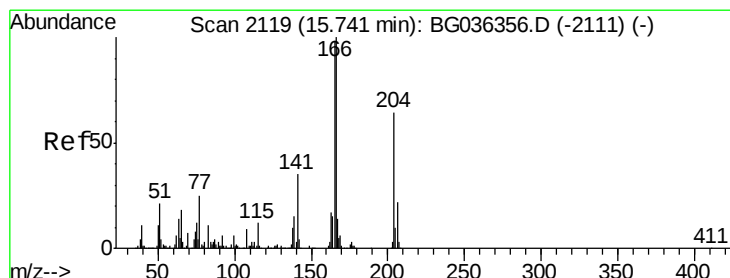
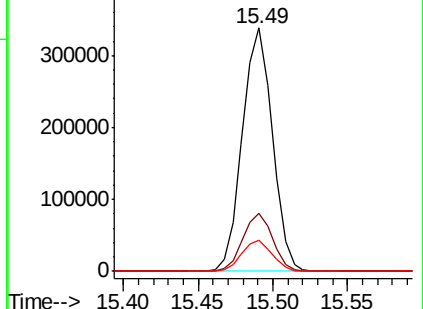
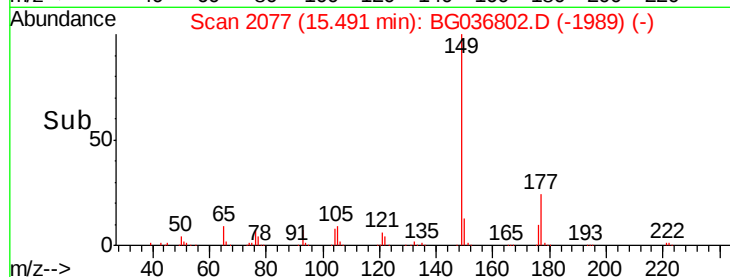
150 13.0 10.7 16.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.896 ng

RT: 15.71 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

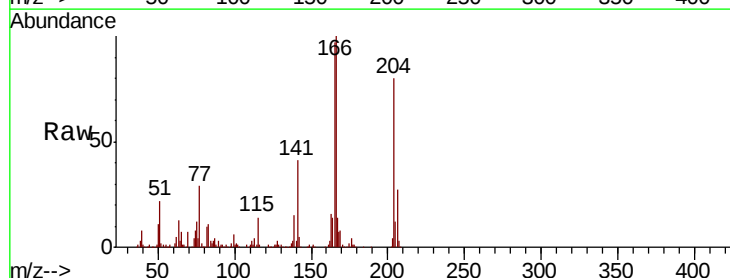
Tgt Ion:204 Resp: 252640

Ion Ratio Lower Upper

204 100

206 33.3 27.0 40.4

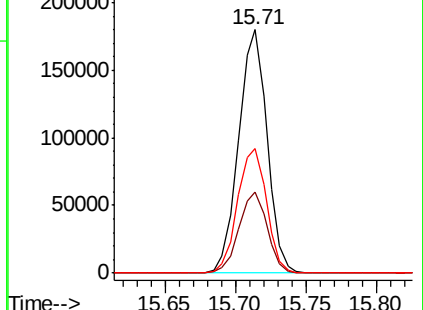
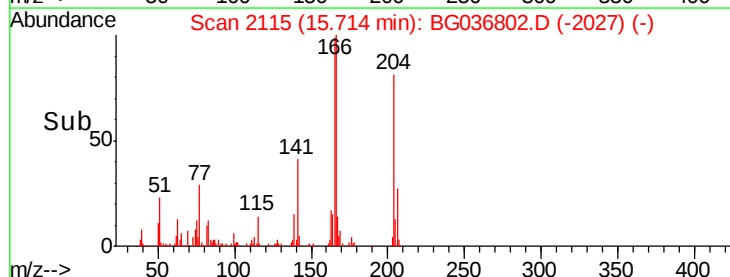
141 51.0 43.8 65.6

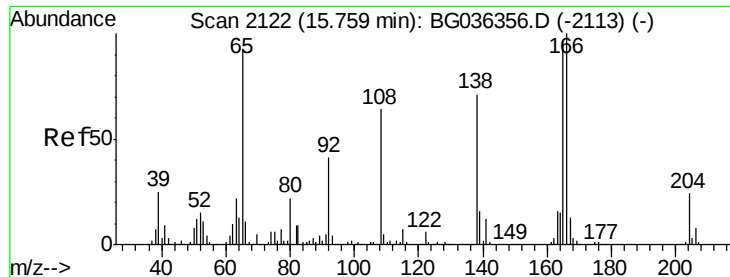


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

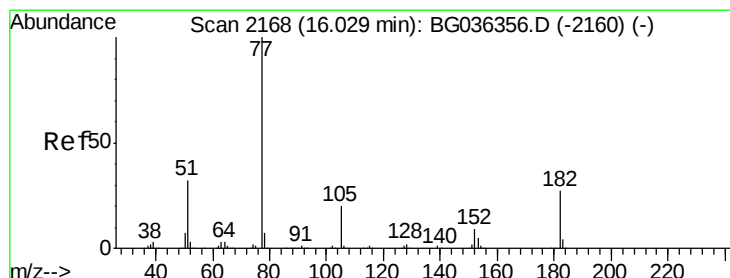
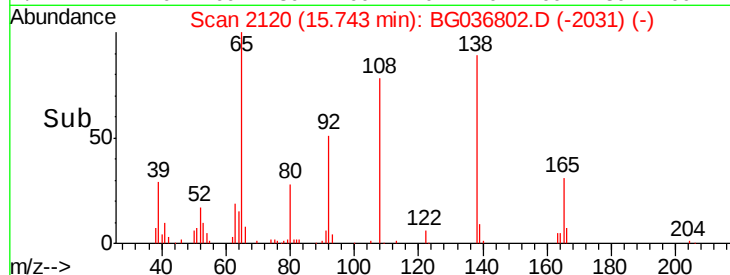
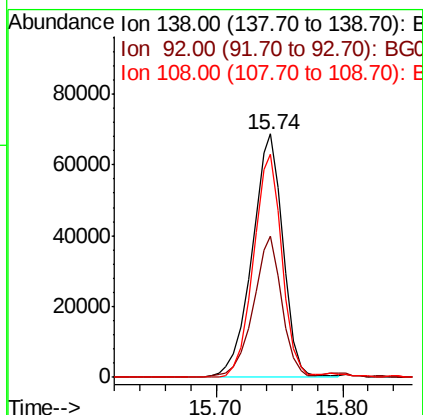
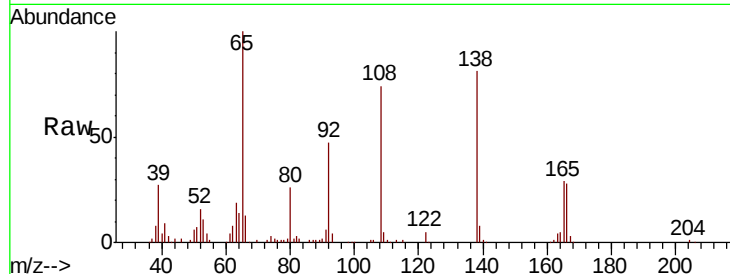




#61  
4-Nitroaniline  
Concen: 45.655 ng  
RT: 15.74 min Scan# 2120  
Delta R.T. -0.01 min  
Lab File: BG036802.D  
Acq: 19 Sep 2018 1:40

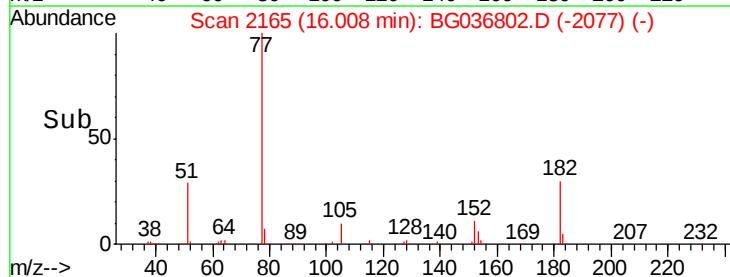
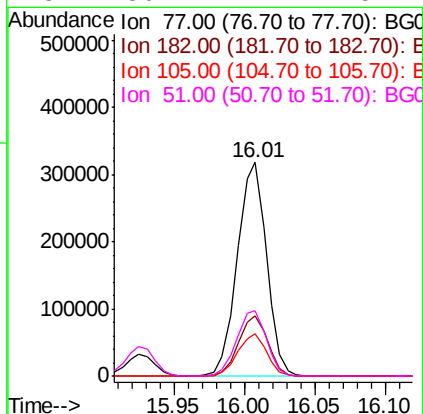
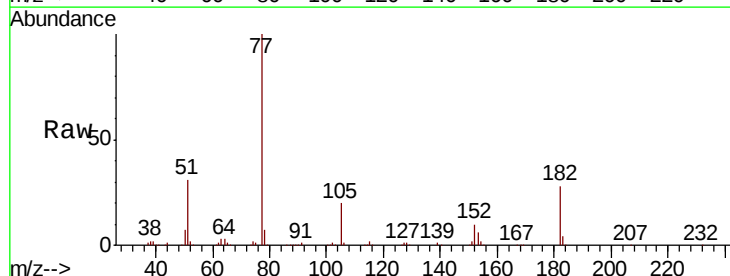
Instrument :  
BNA\_G  
ClientSampleId :

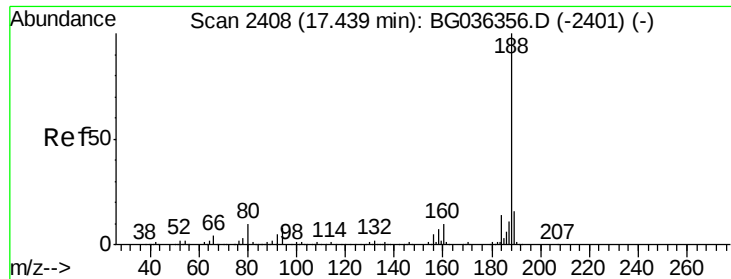
Tot Ion:138 Resp: 116502  
Ion Ratio Lower Upper  
138 100  
92 57.8 38.5 78.5  
108 91.9 70.3 110.3



#62  
Azobenzene  
Concen: 40.677 ng  
RT: 16.01 min Scan# 2165  
Delta R.T. -0.01 min  
Lab File: BG036802.D  
Acq: 19 Sep 2018 1:40

Tgt Ion: 77 Resp: 458685  
Ion Ratio Lower Upper  
77 100  
182 28.1 6.7 46.7  
105 19.8 0.0 39.8  
51 30.7 12.4 52.4

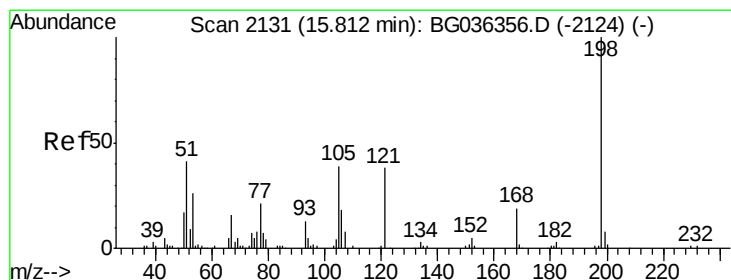
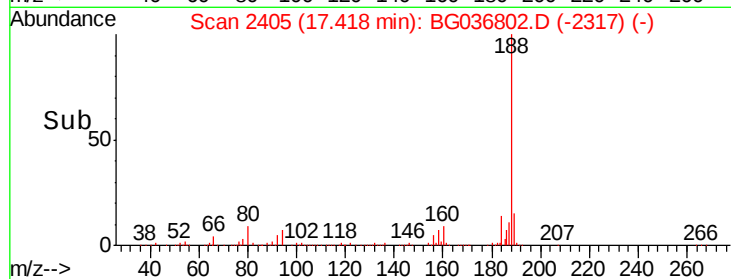
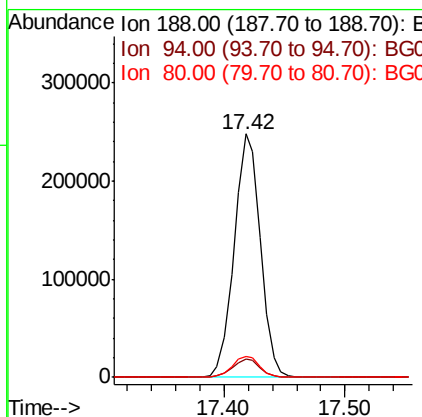
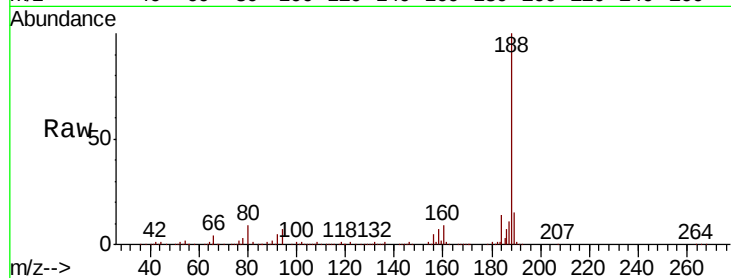




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.42 min Scan# 2405  
Delta R.T. -0.01 min  
Lab File: BG036802.D  
Acq: 19 Sep 2018 1:40

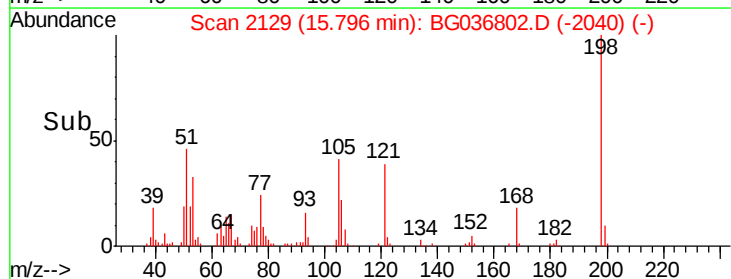
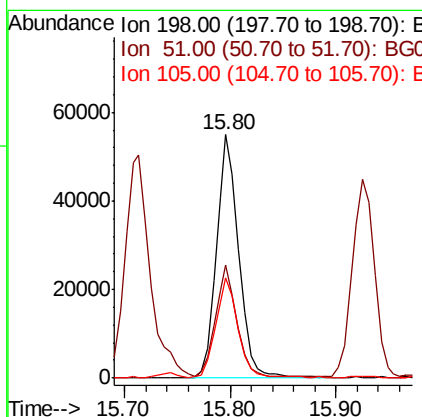
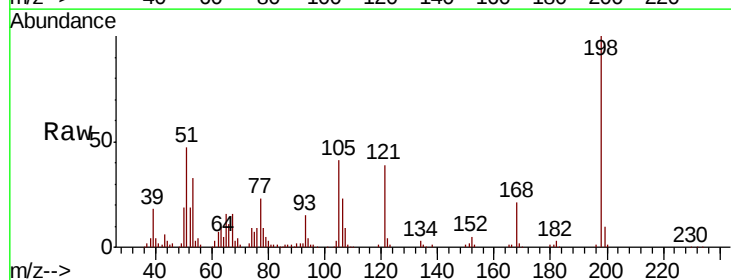
Instrument :  
BNA\_G  
ClientSampleId :

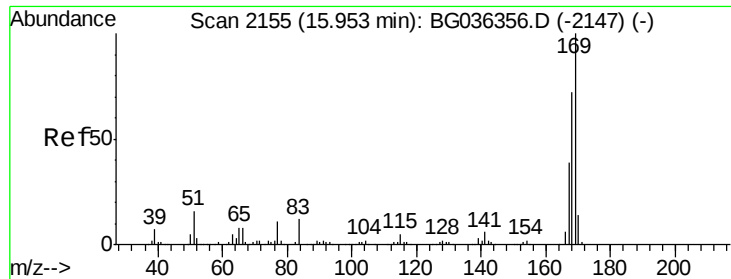
Tot Ion:188 Resp: 374086  
Ion Ratio Lower Upper  
188 100  
94 7.5 6.7 10.1  
80 8.7 8.1 12.1



#64  
4,6-Dinitro-2-methylphenol  
Concen: 49.325 ng  
RT: 15.80 min Scan# 2129  
Delta R.T. -0.01 min  
Lab File: BG036802.D  
Acq: 19 Sep 2018 1:40

Tgt Ion:198 Resp: 81055  
Ion Ratio Lower Upper  
198 100  
51 46.6 26.5 66.5  
105 41.0 20.2 60.2





#65

n-Nitrosodiphenylamine

Concen: 37.260 ng

RT: 15.93 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

Instrument :

BNA\_G

ClientSampleId :

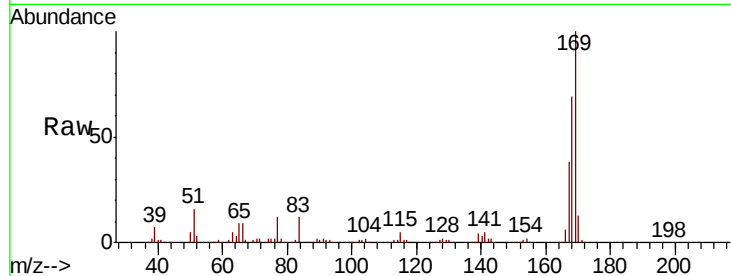
Tot Ion:169 Resp: 414155

Ion Ratio Lower Upper

169 100

168 69.4 57.6 86.4

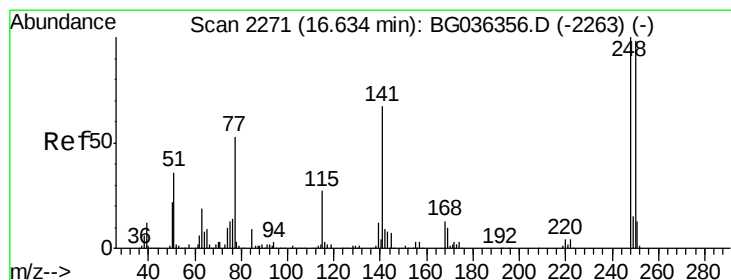
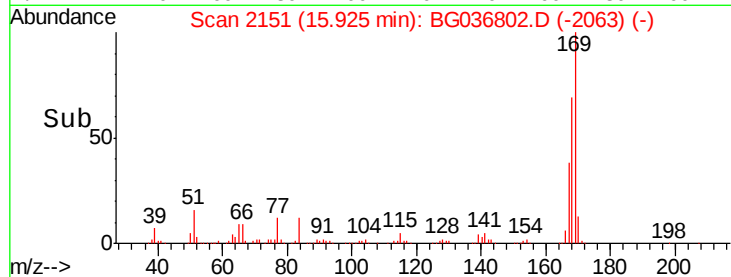
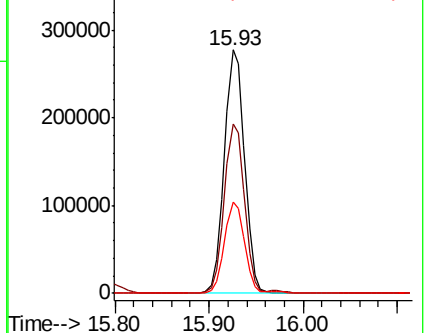
167 37.6 31.0 46.4



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: 38.529 ng

RT: 16.61 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

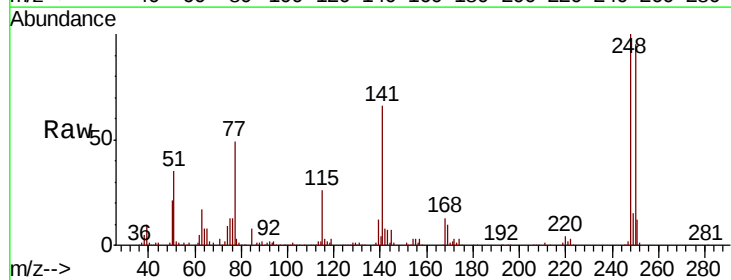
Tgt Ion:248 Resp: 168749

Ion Ratio Lower Upper

248 100

250 95.0 78.1 117.1

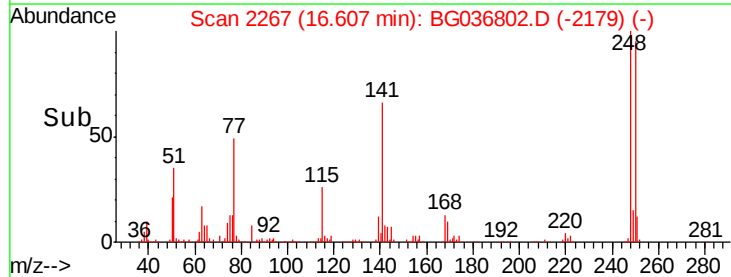
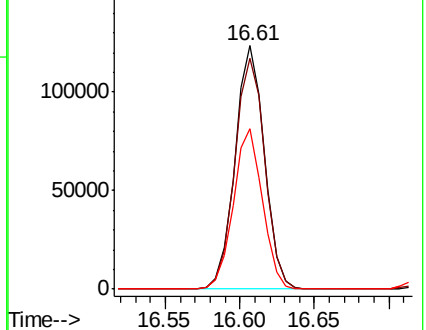
141 65.7 53.7 80.5

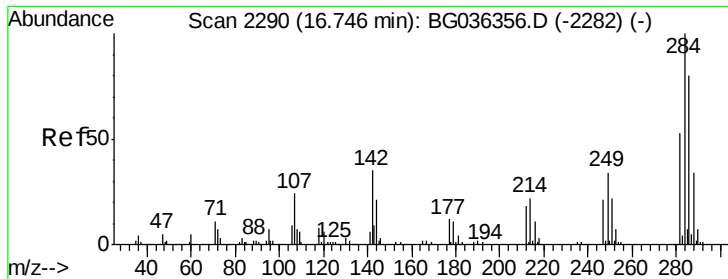


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

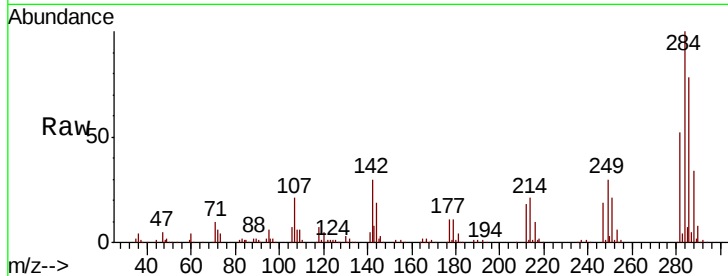




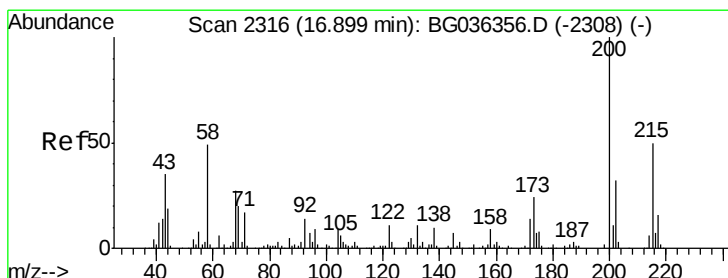
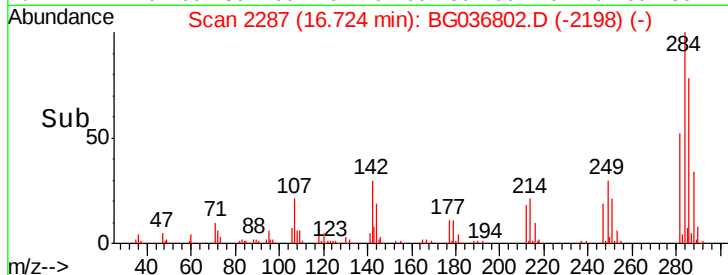
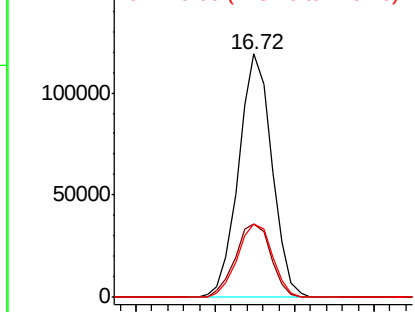
#67  
Hexachlorobenzene  
Concen: 38.687 ng  
RT: 16.72 min Scan# 2287  
Delta R.T. -0.01 min  
Lab File: BG036802.D  
Acq: 19 Sep 2018 1:40

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 30.4  | 27.8  | 41.6  |
| 249     | 30.0  | 27.4  | 41.2  |

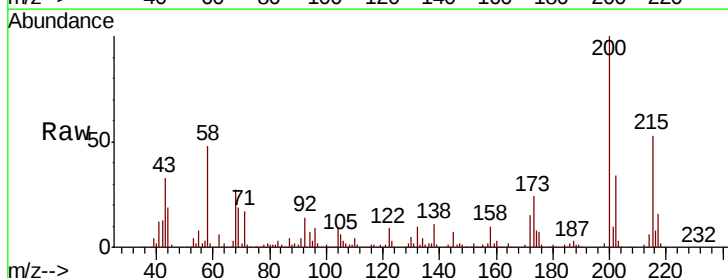


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

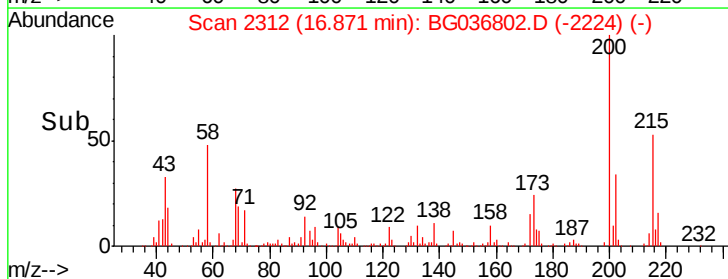
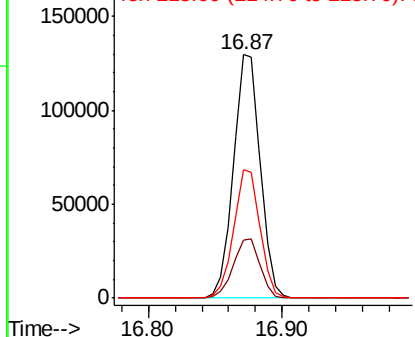


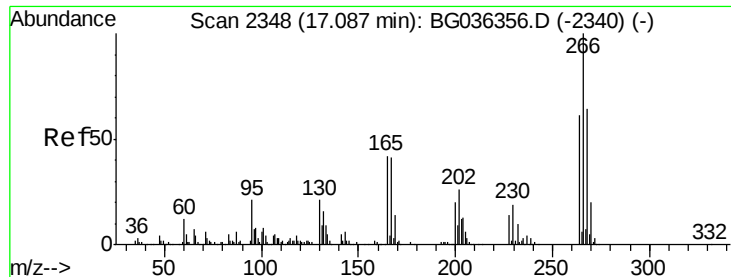
#68  
Atrazine  
Concen: 43.315 ng  
RT: 16.87 min Scan# 2312  
Delta R.T. -0.01 min  
Lab File: BG036802.D  
Acq: 19 Sep 2018 1:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 23.7  | 3.9   | 43.9  |
| 215     | 52.6  | 30.4  | 70.4  |



Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

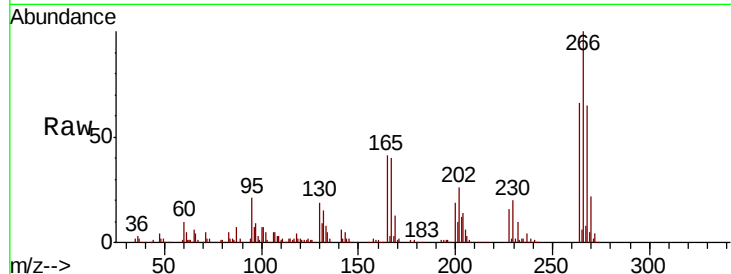




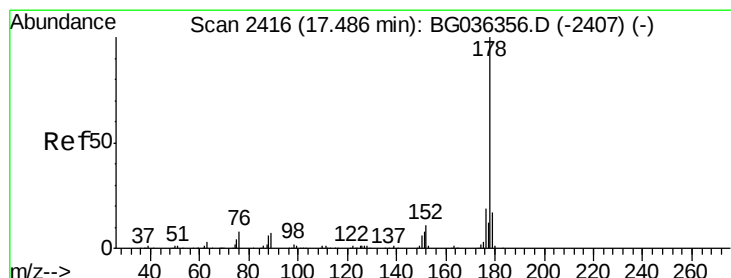
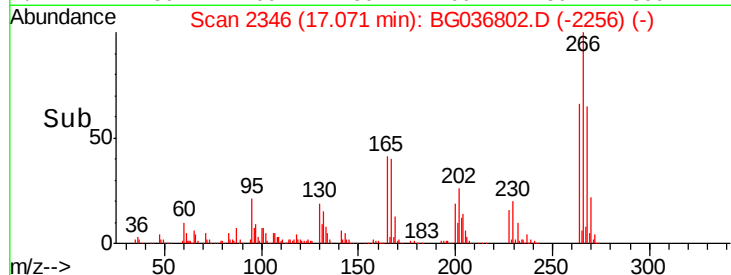
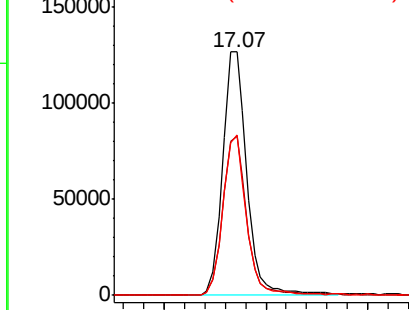
#69  
 Pentachlorophenol  
 Concen: 68.976 ng  
 RT: 17.07 min Scan# 2346  
 Delta R.T. 0.00 min  
 Lab File: BG036802.D  
 Acq: 19 Sep 2018 1:40

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 65.1  | 51.4  | 77.2  |
| 264     | 65.8  | 48.9  | 73.3  |

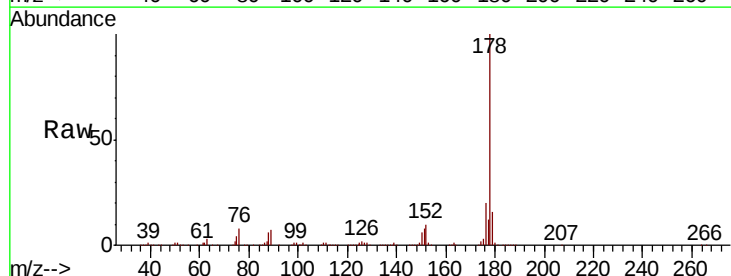


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

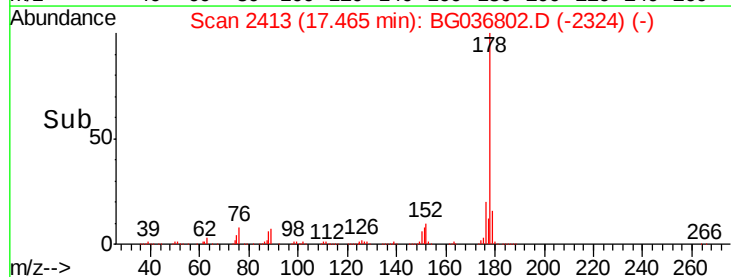
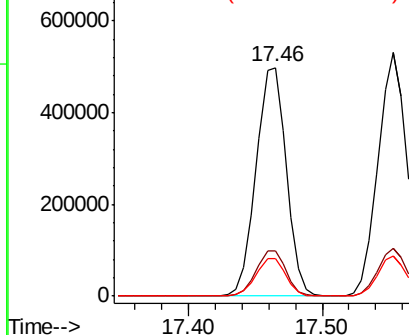


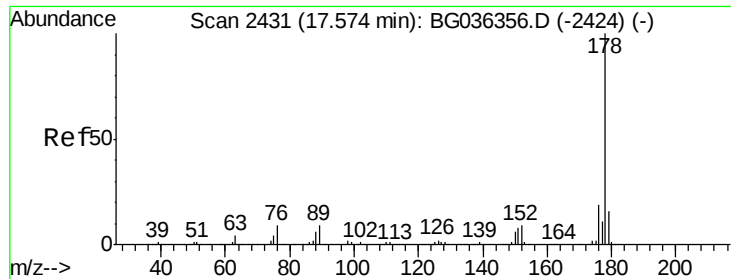
#70  
 Phenanthrene  
 Concen: 40.834 ng  
 RT: 17.46 min Scan# 2413  
 Delta R.T. -0.01 min  
 Lab File: BG036802.D  
 Acq: 19 Sep 2018 1:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.0  | 15.4  | 23.2  |
| 179     | 16.3  | 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

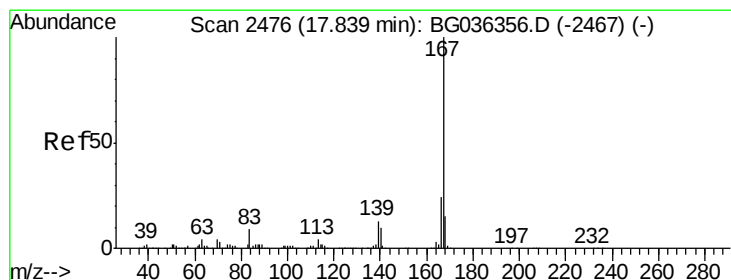
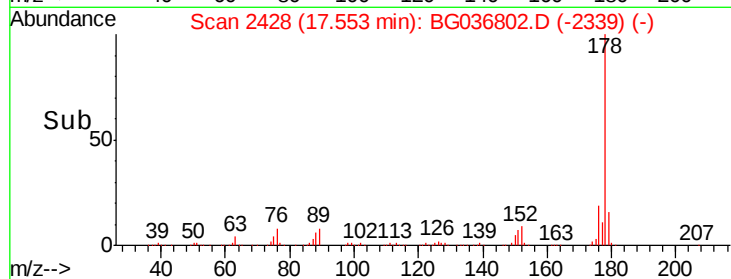
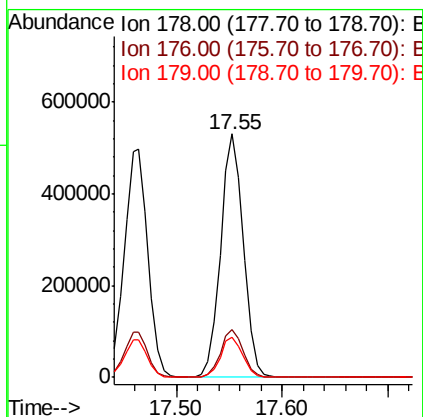
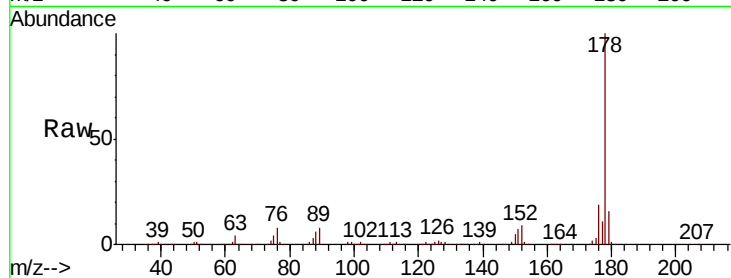




#71  
 Anthracene  
 Concen: 41.778 ng  
 RT: 17.55 min Scan# 2428  
 Delta R.T. -0.01 min  
 Lab File: BG036802.D  
 Acq: 19 Sep 2018 1:40

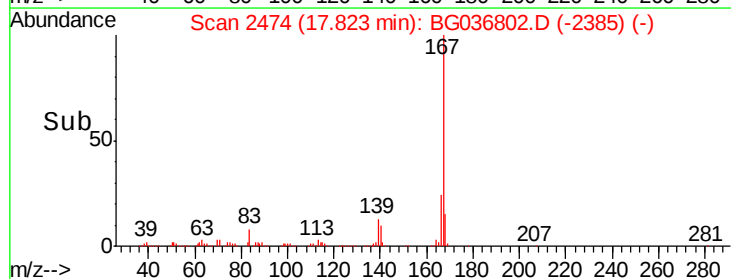
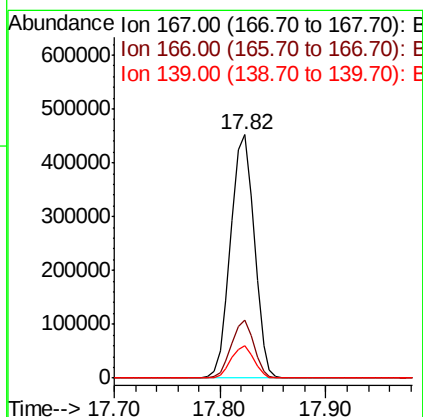
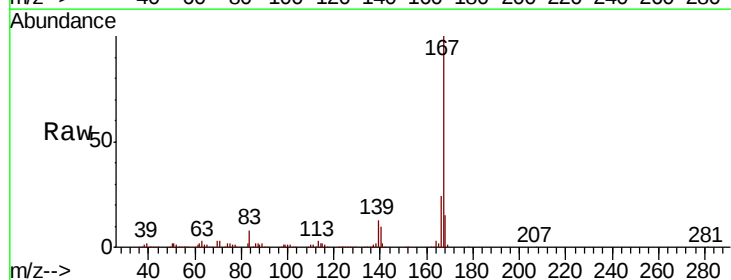
Instrument :  
 BNA\_G  
 ClientSampleId :

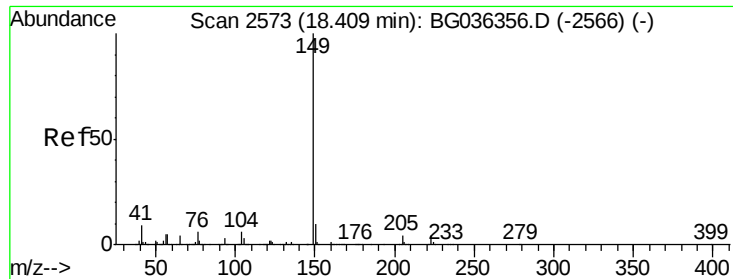
Tot Ion:178 Resp: 791616  
 Ion Ratio Lower Upper  
 178 100  
 176 19.4 15.4 23.2  
 179 16.5 13.0 19.4



#72  
 Carbazole  
 Concen: 36.958 ng  
 RT: 17.82 min Scan# 2474  
 Delta R.T. -0.01 min  
 Lab File: BG036802.D  
 Acq: 19 Sep 2018 1:40

Tgt Ion:167 Resp: 699371  
 Ion Ratio Lower Upper  
 167 100  
 166 23.7 19.5 29.3  
 139 13.4 10.7 16.1





#73

Di-n-butylphthalate

Concen: 38.340 ng

RT: 18.38 min Scan# 2568

Delta R.T. -0.01 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

Instrument :

BNA\_G

ClientSampleId :

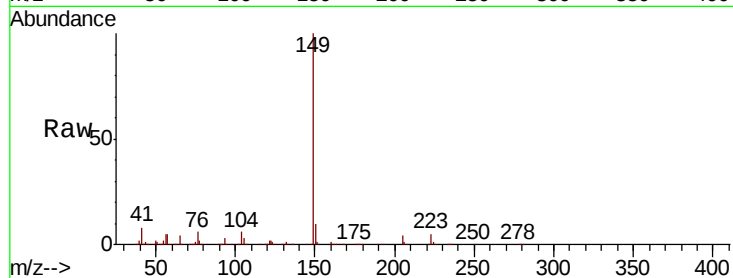
Tot Ion:149 Resp: 807913

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

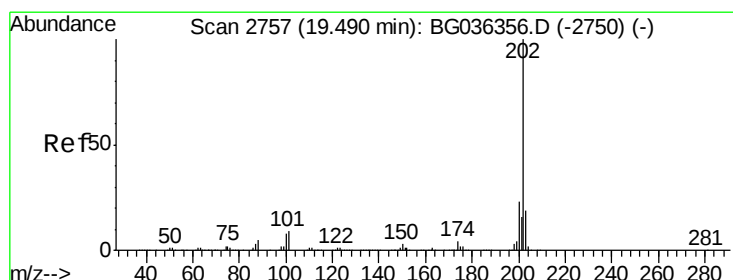
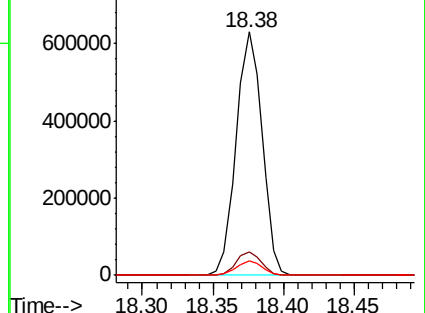
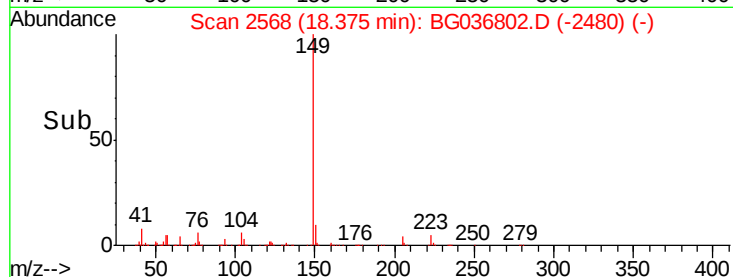
104 5.7 4.6 6.8



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: 40.947 ng

RT: 19.47 min Scan# 2754

Delta R.T. -0.01 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

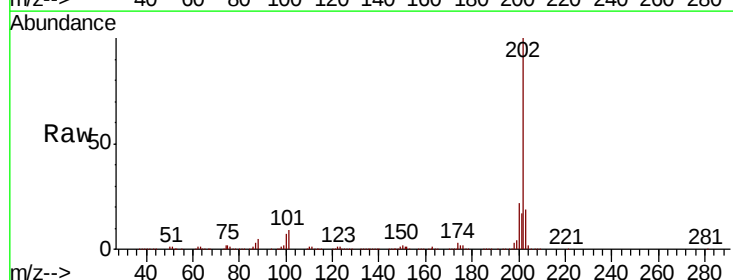
Tgt Ion:202 Resp: 948959

Ion Ratio Lower Upper

202 100

101 9.0 0.0 29.4

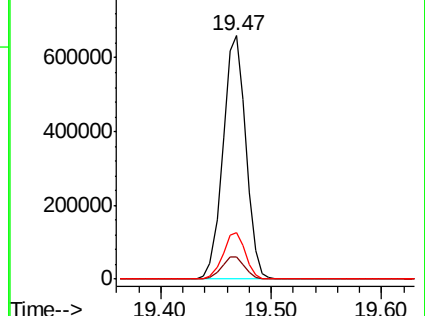
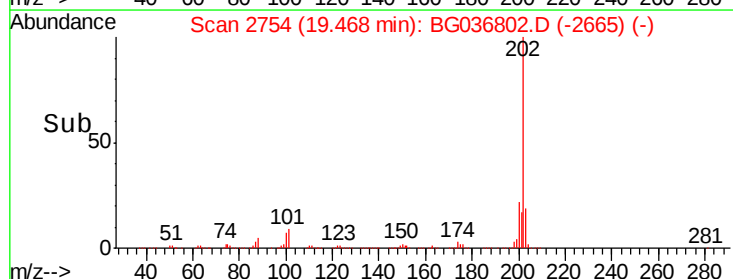
203 19.0 0.0 38.9

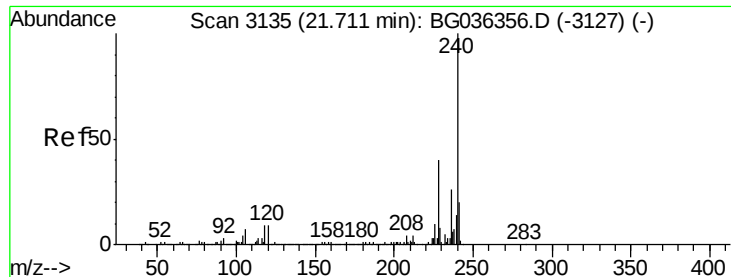


Abundance Ion 202.00 (201.70 to 202.70): E

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: BG036802.D

Acq: 19 Sep 2018 1:40

Instrument :

BNA\_G

ClientSampleId :

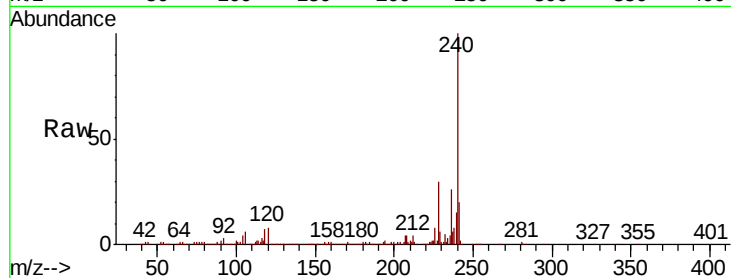
Tot Ion:240 Resp: 366762

Ion Ratio Lower Upper

240 100

120 7.7 6.9 10.3

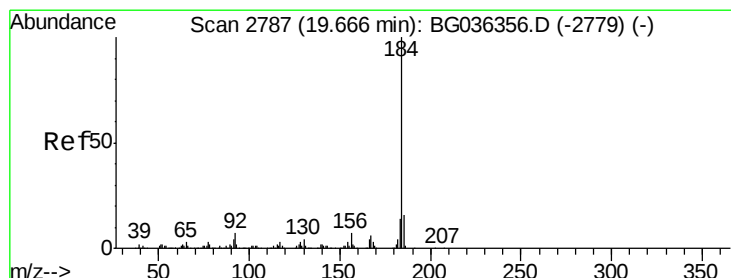
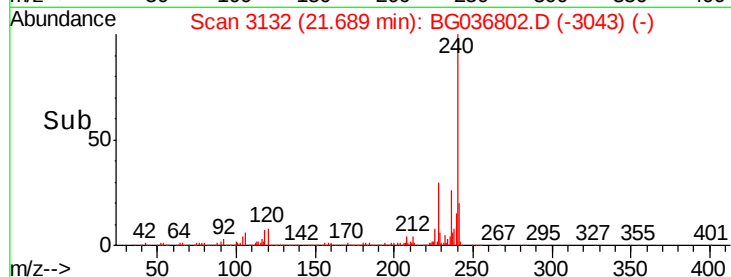
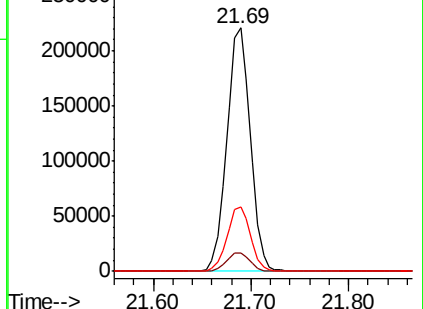
236 26.3 21.2 31.8



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: 39.087 ng

RT: 19.64 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

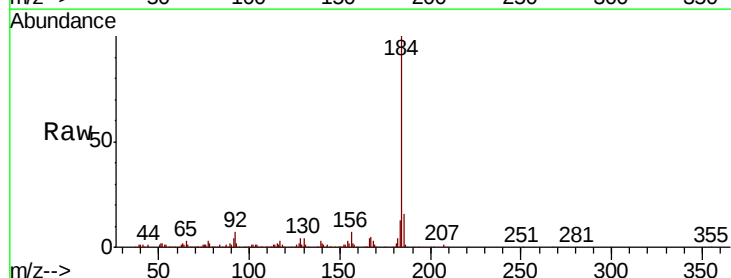
Tgt Ion:184 Resp: 457371

Ion Ratio Lower Upper

184 100

185 15.8 12.6 18.8

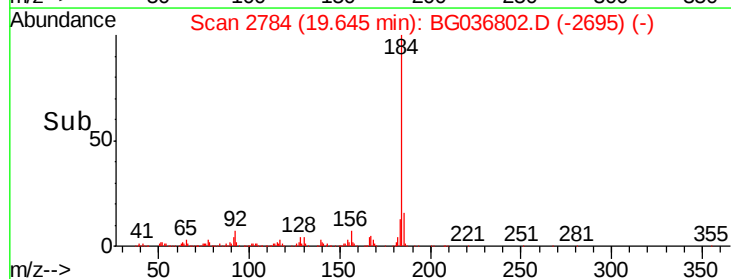
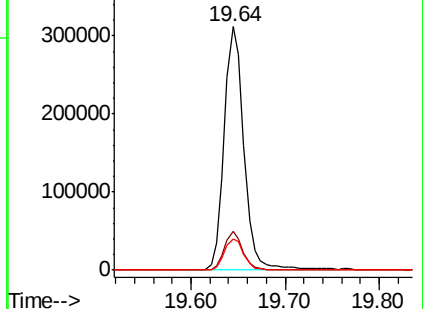
183 13.0 10.9 16.3

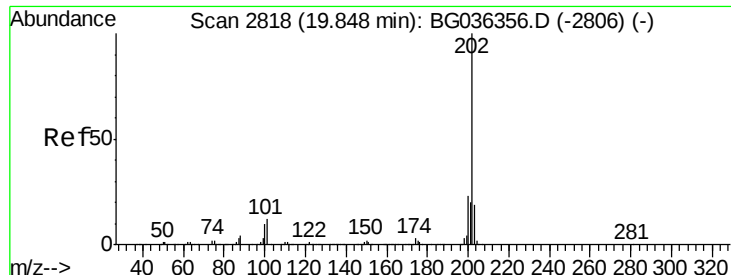


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

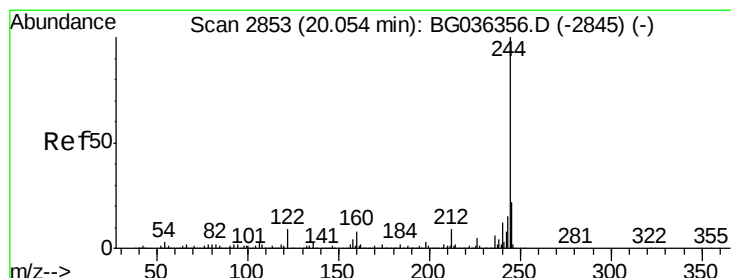
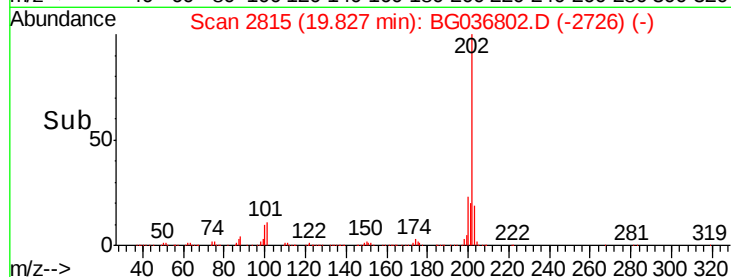
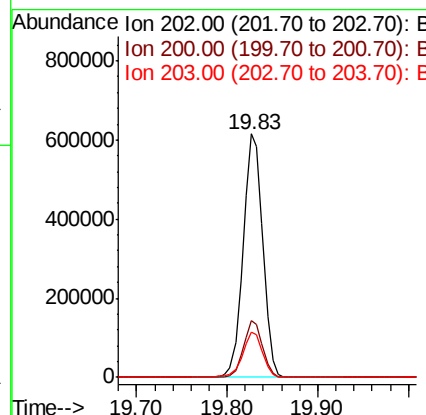
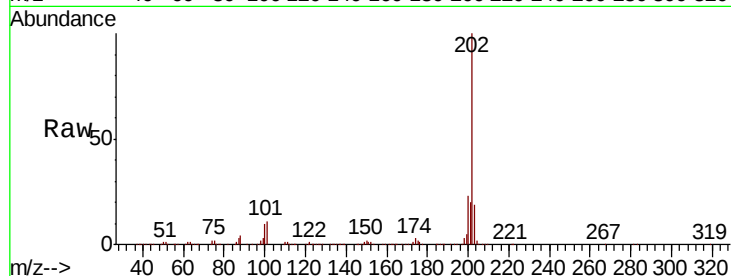




#77  
Pvrene  
Concen: 41.127 ng  
RT: 19.83 min Scan# 2815  
Delta R.T. -0.01 min  
Lab File: BG036802.D  
Acq: 19 Sep 2018 1:40

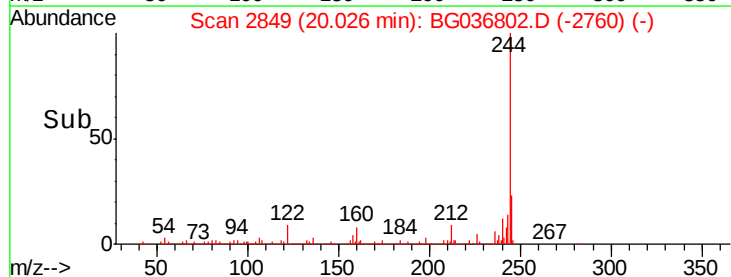
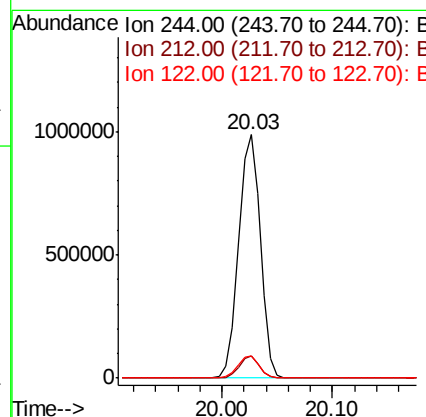
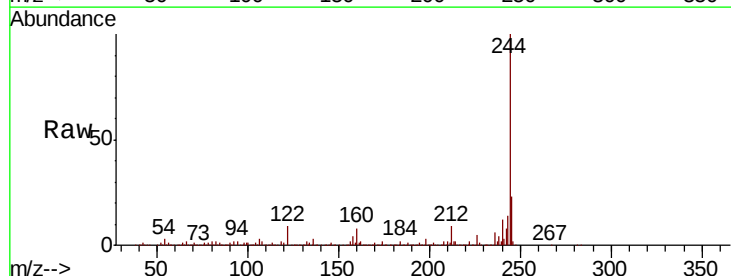
Instrument :  
BNA\_G  
ClientSampleId :

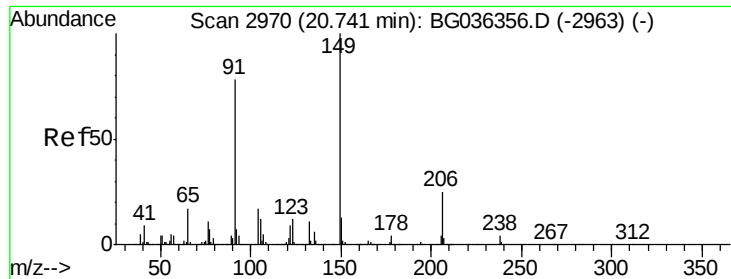
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 23.4  | 18.3  | 27.5  |
| 203     | 18.7  | 15.1  | 22.7  |



#78  
Terphenyl-d14  
Concen: 86.959 ng  
RT: 20.03 min Scan# 2849  
Delta R.T. -0.01 min  
Lab File: BG036802.D  
Acq: 19 Sep 2018 1:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.9   | 7.0   | 10.6  |
| 122     | 9.0   | 7.1   | 10.7  |

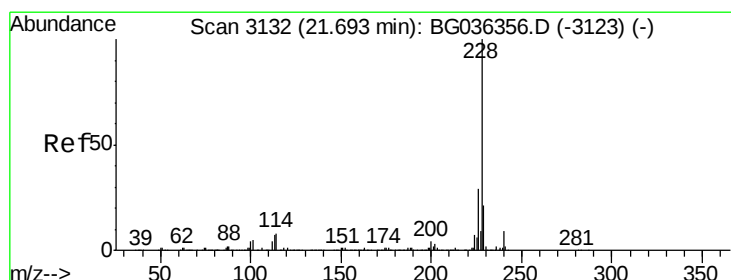
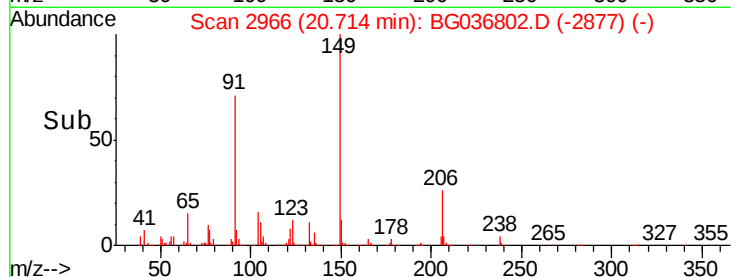
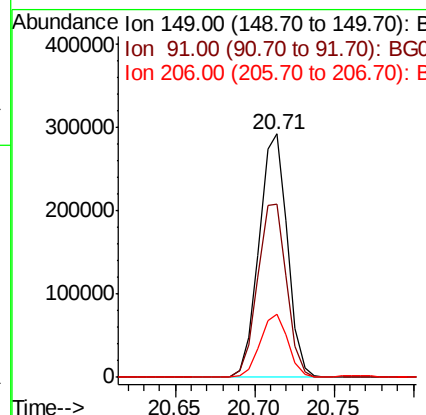
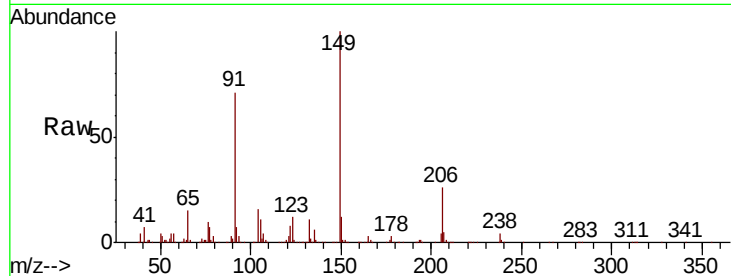




#79  
Butylbenzylphthalate  
Concen: 40.568 ng  
RT: 20.71 min Scan# 2966  
Delta R.T. -0.01 min  
Lab File: BG036802.D  
Acq: 19 Sep 2018 1:40

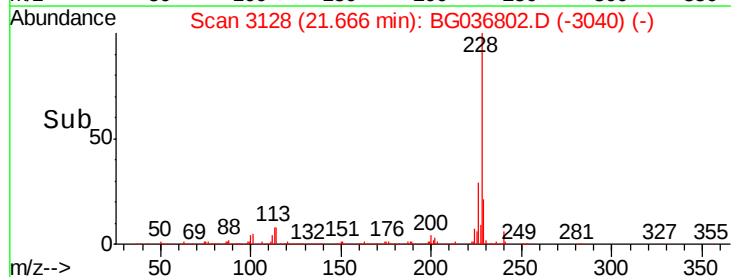
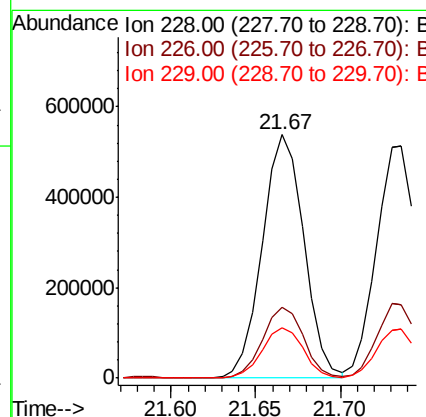
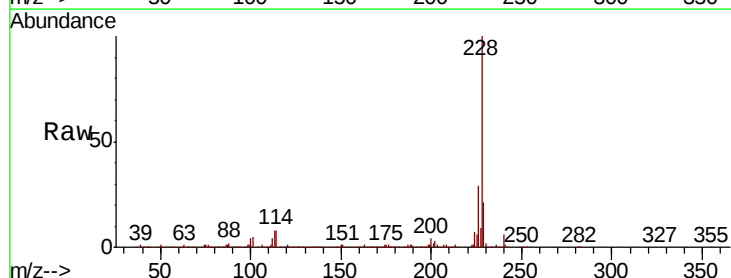
Instrument :  
BNA\_G  
ClientSampleId :

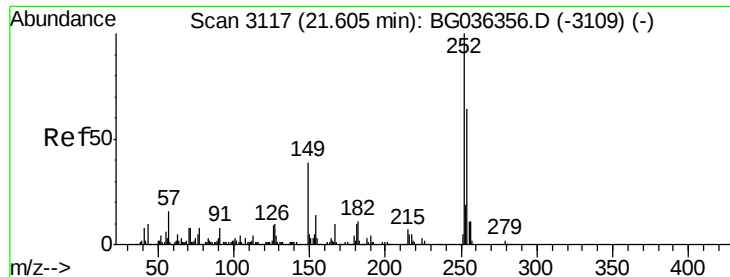
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 71.2  | 62.0  | 93.0  |
| 206     | 26.0  | 19.6  | 29.4  |



#80  
Benzo(a)anthracene  
Concen: 41.499 ng  
RT: 21.67 min Scan# 3128  
Delta R.T. -0.01 min  
Lab File: BG036802.D  
Acq: 19 Sep 2018 1:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.9  | 23.4  | 35.2  |
| 229     | 20.9  | 17.1  | 25.7  |

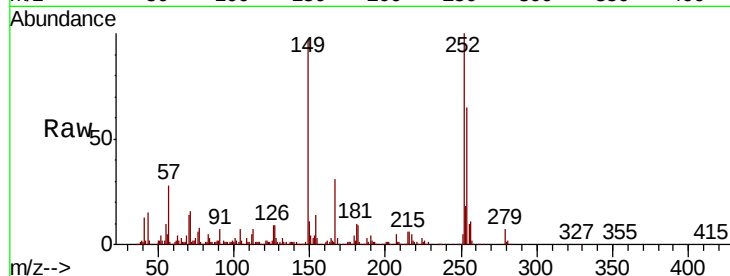




#81  
 3,3'-Dichlorobenzidine  
 Concen: 26.191 ng  
 RT: 21.58 min Scan# 3114  
 Delta R.T. -0.01 min  
 Lab File: BG036802.D  
 Acq: 19 Sep 2018 1:40

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.9  | 51.0  | 76.4  |
| 126     | 8.8   | 7.4   | 11.0  |

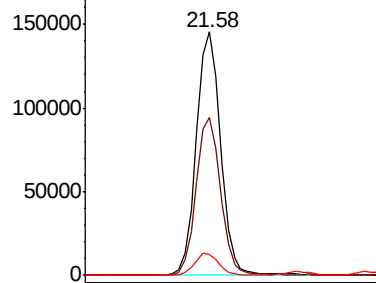


Abundance

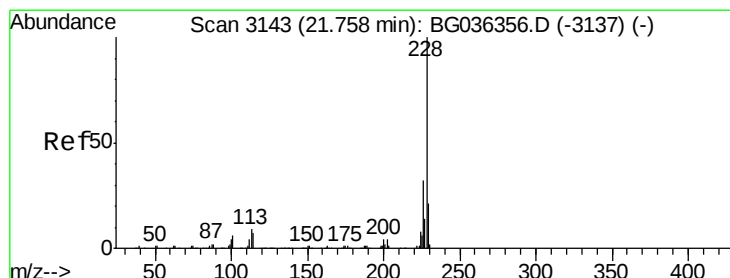
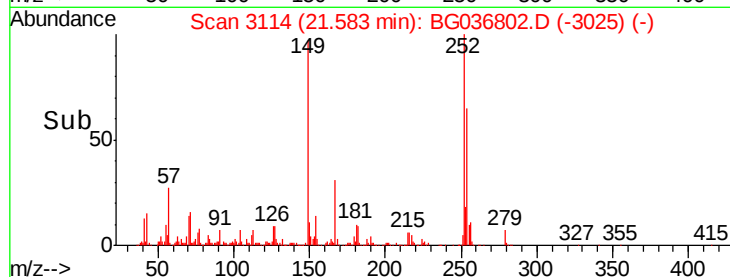
Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

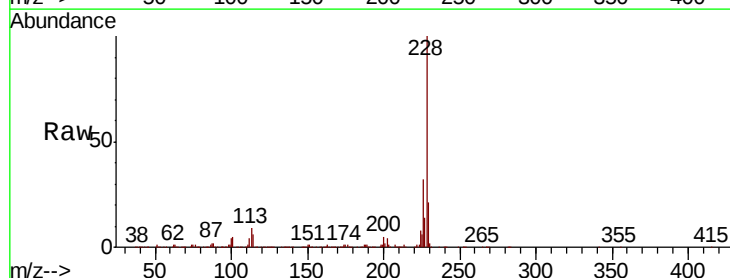


Time-->



#82  
 Chrysene  
 Concen: 40.638 ng  
 RT: 21.74 min Scan# 3140  
 Delta R.T. -0.01 min  
 Lab File: BG036802.D  
 Acq: 19 Sep 2018 1:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.8  | 25.5  | 38.3  |
| 229     | 21.2  | 16.9  | 25.3  |

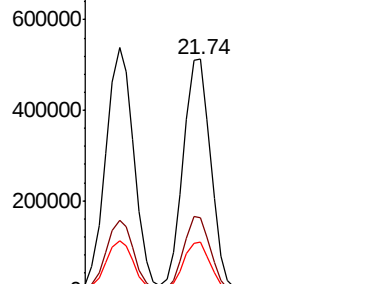


Abundance

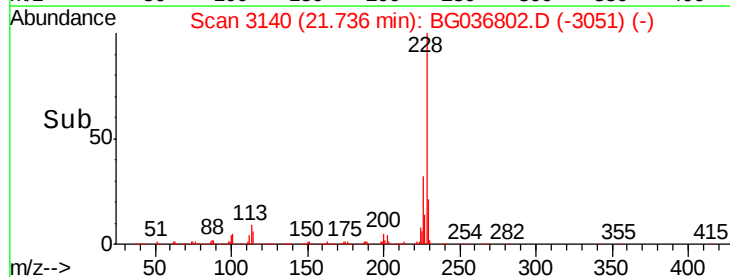
Ion 228.00 (227.70 to 228.70): E

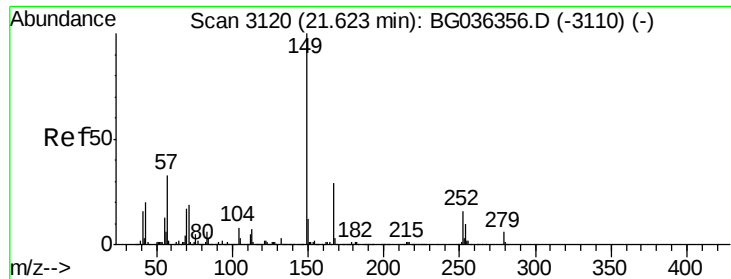
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.393 ng

RT: 21.57 min Scan# 3112

Delta R.T. -0.02 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

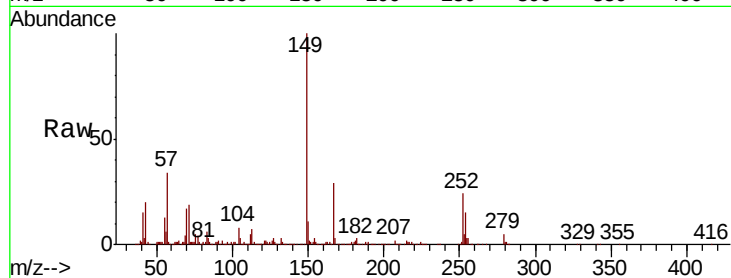
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:149 Resp: 494783

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.8  | 23.4  | 35.0  |
| 279 | 5.4   | 4.6   | 7.0   |

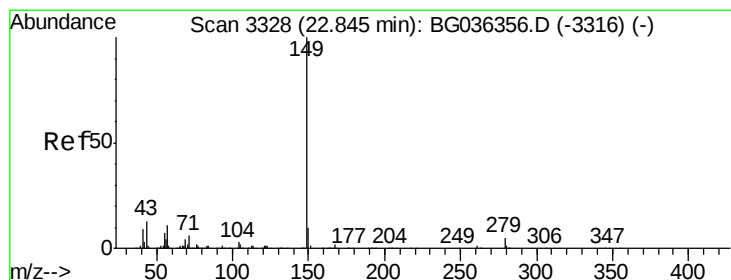
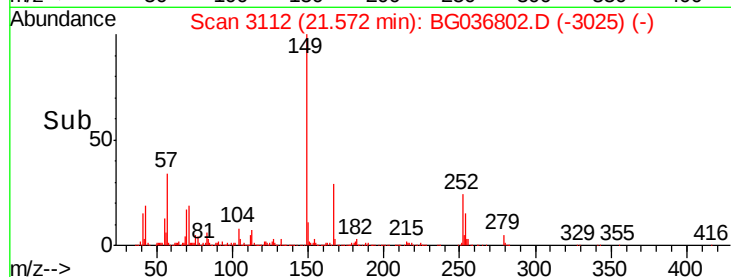
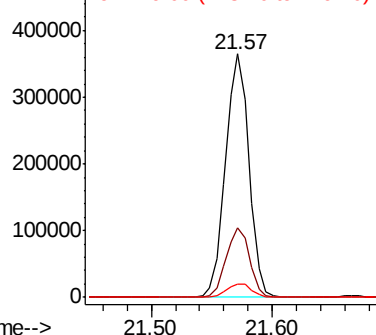


Abundance

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: 39.764 ng

RT: 22.78 min Scan# 3317

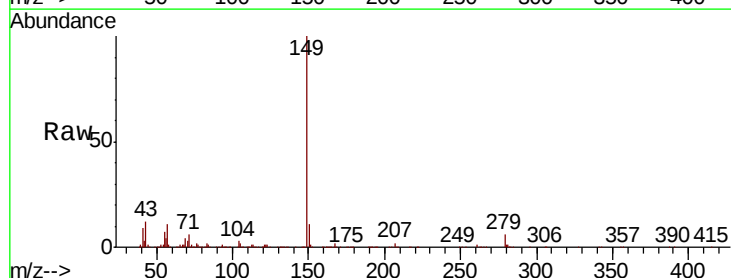
Delta R.T. -0.02 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

Tgt Ion:149 Resp: 834228

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.7   | 1.3   | 1.9   |
| 43  | 11.5  | 10.0  | 15.0  |

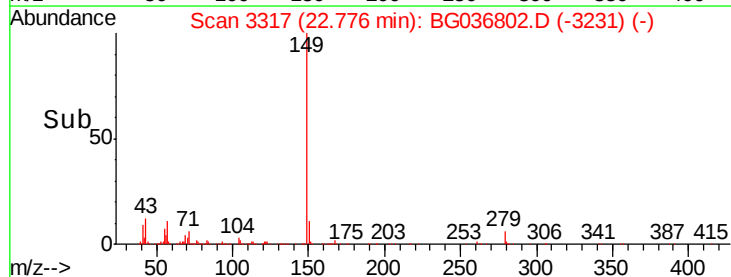
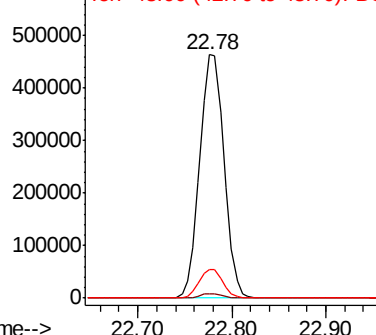


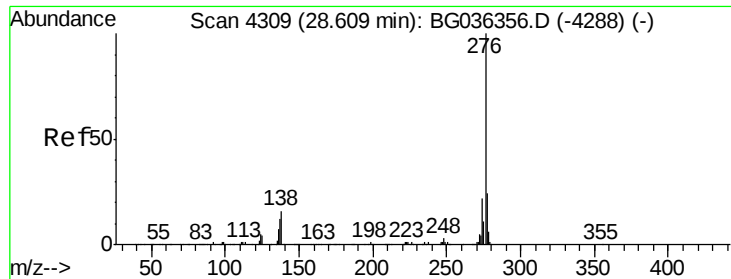
Abundance

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): BGC





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.236 ng

RT: 28.54 min Scan# 4298

Delta R.T. -0.02 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

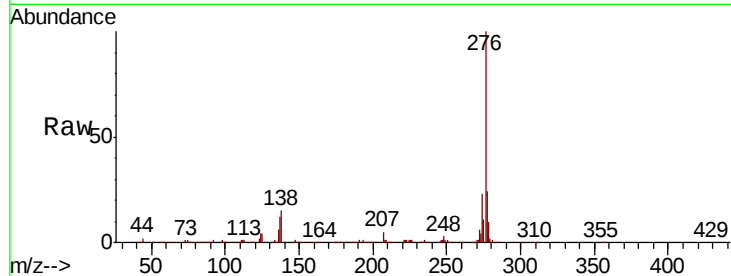
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:276 Resp: 1008710

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 19.0  | 10.6  | 15.8# |
| 277 | 25.9  | 20.6  | 30.8  |

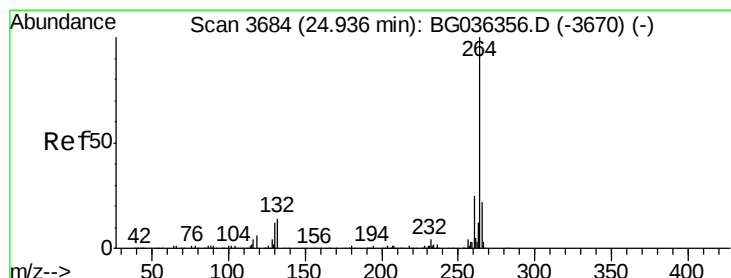
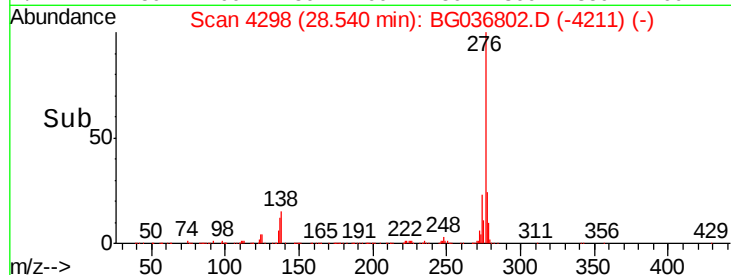
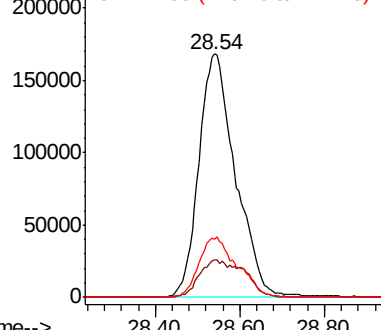


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3677

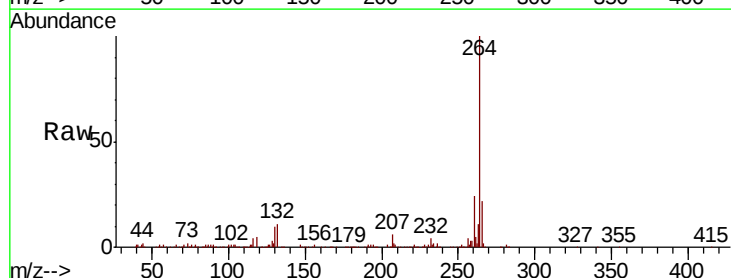
Delta R.T. -0.01 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

Tgt Ion:264 Resp: 385014

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.5  | 19.6  | 29.4  |
| 265 | 21.9  | 17.4  | 26.0  |

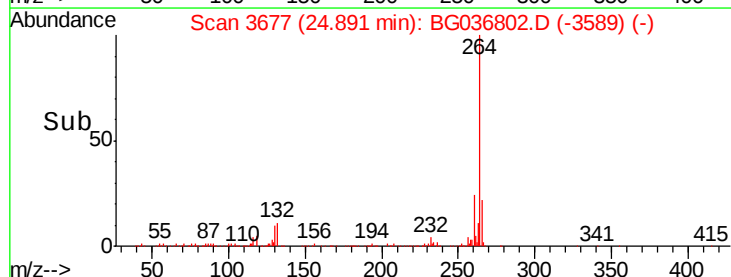
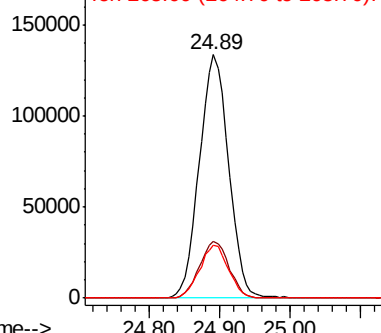


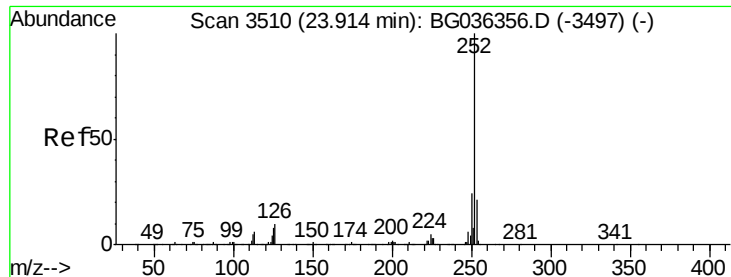
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 42.295 ng

RT: 23.87 min Scan# 3504

Delta R.T. -0.01 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

Instrument :

BNA\_G

ClientSampleId :

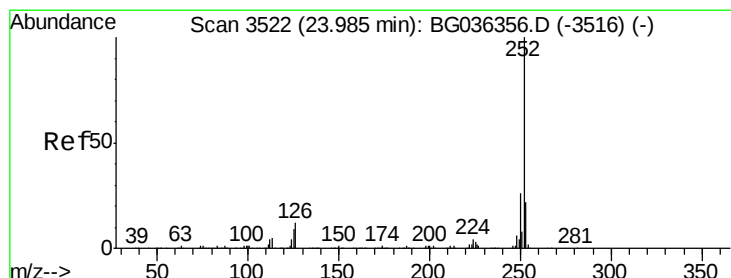
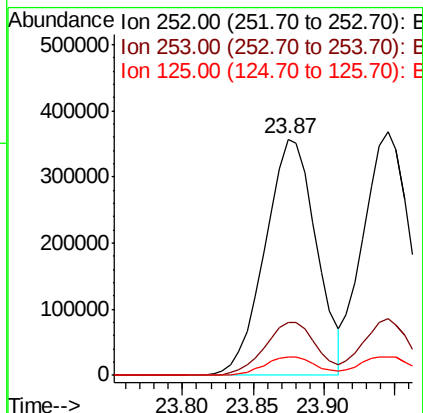
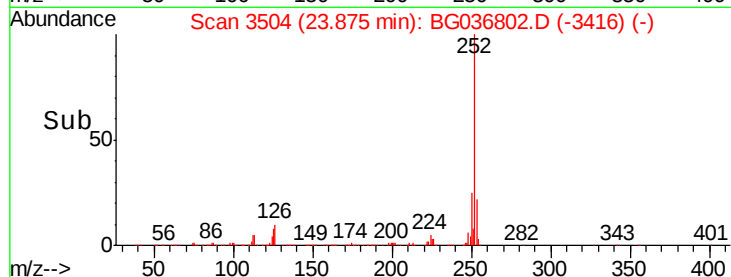
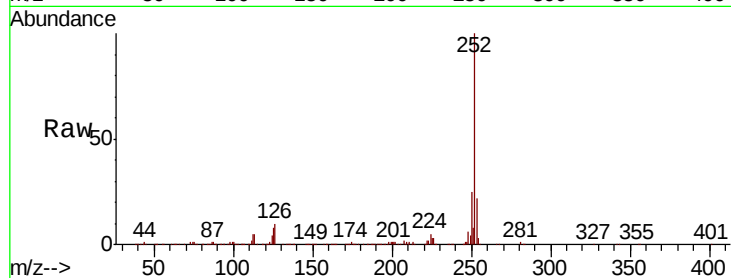
Tot Ion:252 Resp: 904269

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

125 7.8 6.6 10.0



#88

Benzo(k)fluoranthene

Concen: 41.357 ng

RT: 23.95 min Scan# 3516

Delta R.T. -0.01 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

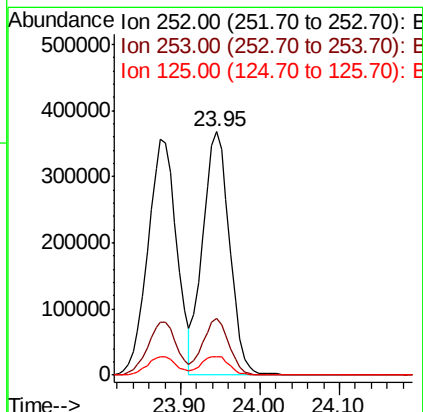
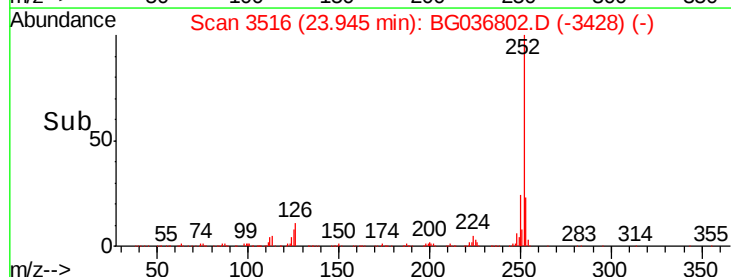
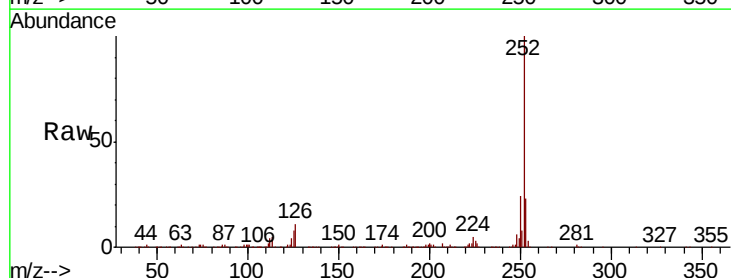
Tgt Ion:252 Resp: 863821

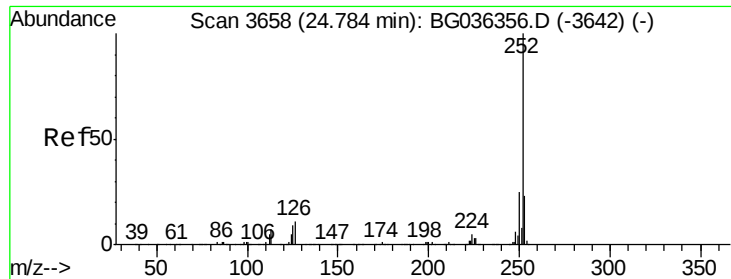
Ion Ratio Lower Upper

252 100

253 23.0 18.0 27.0

125 7.6 7.0 10.6





#89

Benzo(a)pyrene

Concen: 42.531 ng

RT: 24.74 min Scan# 3652

Delta R.T. -0.01 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

Instrument :

BNA\_G

ClientSampleId :

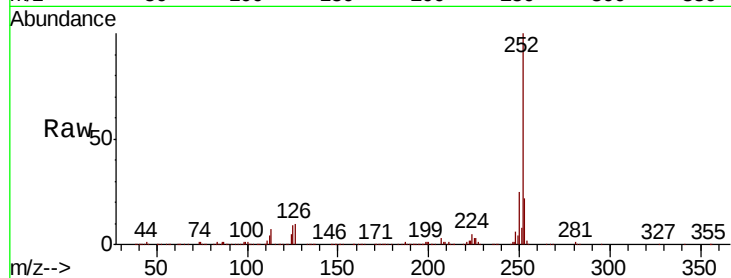
Tot Ion:252 Resp: 873784

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

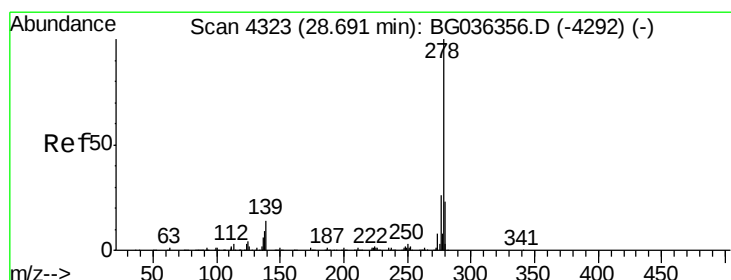
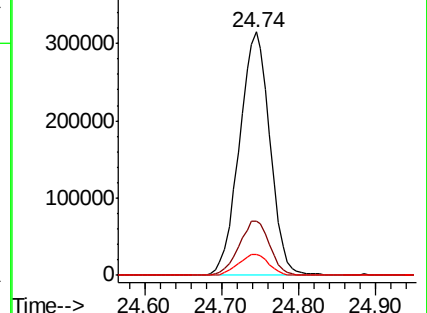
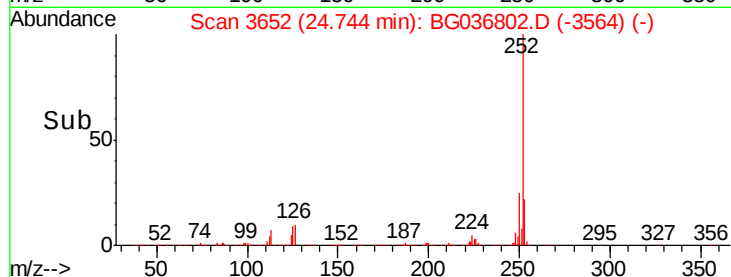
125 8.8 7.3 10.9



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: 41.136 ng

RT: 28.61 min Scan# 4310

Delta R.T. -0.02 min

Lab File: BG036802.D

Acq: 19 Sep 2018 1:40

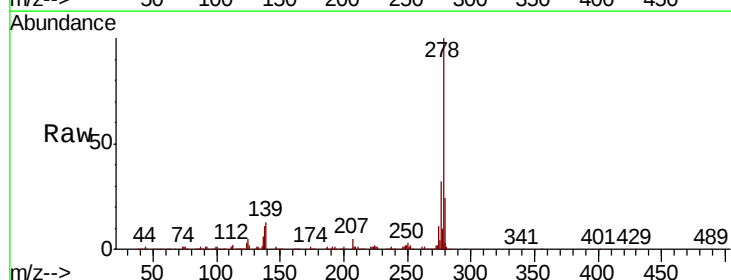
Tgt Ion:278 Resp: 815884

Ion Ratio Lower Upper

278 100

139 12.7 11.0 16.4

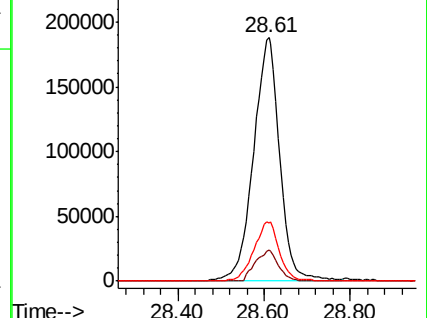
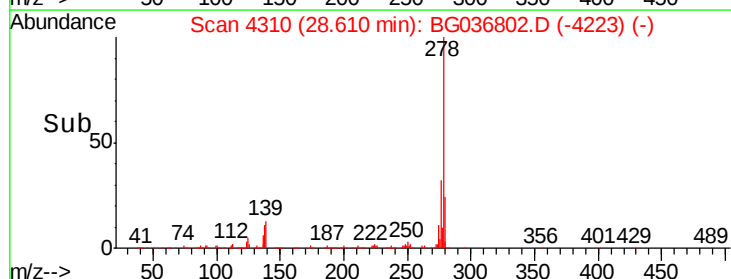
279 23.9 18.7 28.1

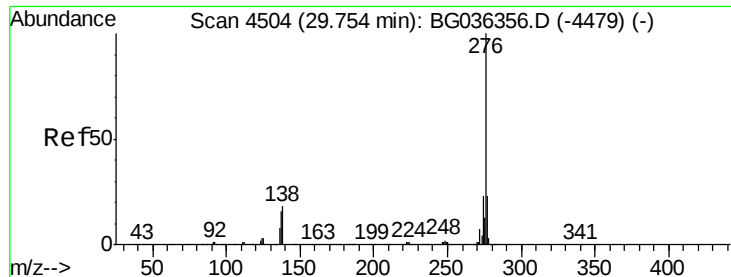


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

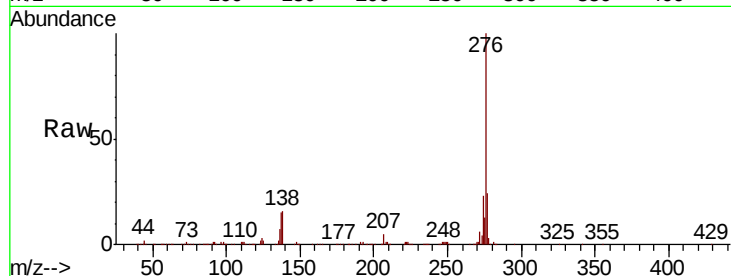




#91  
 Benzo(a,h,i)perylene  
 Concen: 41.685 ng  
 RT: 29.69 min Scan# 4493  
 Delta R.T. -0.01 min  
 Lab File: BG036802.D  
 Acq: 19 Sep 2018 1:40

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.2  | 18.4  | 27.6  |
| 138     | 15.7  | 14.6  | 22.0  |



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

