

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG111918\  
 Data File : BG038073.D  
 Acq On : 19 Nov 2018 21:59  
 Operator : JU/SJ  
 Sample : J5954-01MS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OWS-1MS

Quant Time: Nov 20 00:44:20 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG111318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 13 16:39:28 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.09  | 152  | 44777    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.91 | 136  | 185033   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.72 | 164  | 116469   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.47 | 188  | 260919   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.75 | 240  | 237586   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.08 | 264  | 250606   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.63  | 112 | 300326 | 115.80 | ng | 0.00 |
| 7) Phenol-d6             | 7.24  | 99  | 391111 | 105.65 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.26  | 82  | 277467 | 80.27  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.21 | 330 | 155237 | 116.87 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.35 | 172 | 618715 | 77.39  | ng | 0.00 |
| 79) Terphenyl-d14        | 20.07 | 244 | 914366 | 90.56  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.53  | 88  | 37852  | 30.900 | ng | # 35   |
| 3) Pyridine                    | 3.94  | 79  | 94019  | 26.906 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.85  | 42  | 55705  | 43.941 | ng | 95     |
| 6) Aniline                     | 7.42  | 93  | 33310  | 6.972  | ng | 98     |
| 8) 2-Chlorophenol              | 7.65  | 128 | 139630 | 46.401 | ng | 97     |
| 9) Benzaldehyde                | 7.23  | 77  | 20819  | 7.777  | ng | 97     |
| 10) Phenol                     | 7.26  | 94  | 174156 | 44.414 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.51  | 93  | 138134 | 43.151 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.98  | 146 | 142783 | 41.187 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 8.12  | 146 | 146389 | 41.803 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 8.44  | 146 | 138405 | 41.397 | ng | 98     |
| 15) Benzyl Alcohol             | 8.33  | 79  | 118272 | 44.153 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.60  | 45  | 266682 | 44.864 | ng | 98     |
| 17) 2-Methylphenol             | 8.52  | 107 | 123167 | 46.460 | ng | 98     |
| 18) Hexachloroethane           | 9.17  | 117 | 52136  | 40.908 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.89  | 70  | 114198 | 42.633 | ng | 97     |
| 20) 3+4-Methylphenols          | 8.85  | 107 | 279453 | 74.360 | ng | 95     |
| 22) Acetophenone               | 8.92  | 105 | 206883 | 44.938 | ng | # 98   |
| 24) Nitrobenzene               | 9.31  | 77  | 161763 | 45.748 | ng | 94     |
| 25) Isophorone                 | 9.82  | 82  | 318223 | 51.149 | ng | 97     |
| 26) 2-Nitrophenol              | 10.01 | 139 | 79527  | 45.052 | ng | 91     |
| 27) 2,4-Dimethylphenol         | 10.06 | 122 | 145877 | 54.848 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.30 | 93  | 187348 | 47.092 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.55 | 162 | 148353 | 49.590 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.76 | 180 | 144007 | 42.957 | ng | 98     |
| 31) Naphthalene                | 10.96 | 128 | 437242 | 48.044 | ng | 99     |
| 32) Benzoic acid               | 10.23 | 122 | 89998  | 51.382 | ng | 98     |
| 34) Hexachlorobutadiene        | 11.22 | 225 | 85862  | 41.616 | ng | 94     |
| 35) Caprolactam                | 11.87 | 113 | 24952  | 20.838 | ng | 94     |
| 36) 4-Chloro-3-methylphenol    | 12.18 | 107 | 163756 | 50.104 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.55 | 142 | 324369 | 49.619 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.78 | 142 | 309828 | 49.238 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.92 | 216 | 164545 | 42.279 | ng | 99     |
| 41) Hexachlorocyclopentadiene  | 12.88 | 237 | 206818 | 99.241 | ng | 99     |

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 ALS Vial : 14 Sample Multiplier: 1

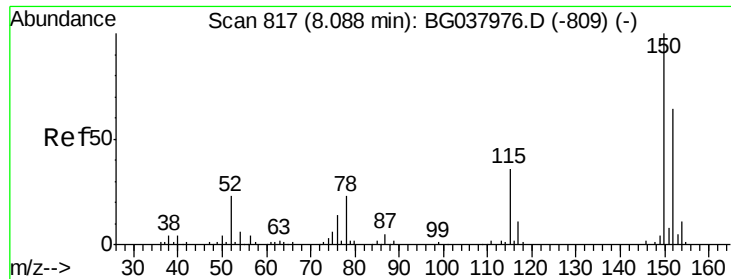
Instrument :  
 BNA\_G  
 ClientSampleId :  
 OWS-1MS

Quant Time: Nov 20 00:44:20 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG111318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 13 16:39:28 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 43) 2,4,6-Trichlorophenol      | 13.16 | 196  | 122970   | 46.368  | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.23 | 196  | 131233   | 47.029  | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.56 | 154  | 418574   | 42.778  | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.60 | 162  | 329438   | 44.122  | ng    | 99       |
| 48) 2-Nitroaniline             | 13.82 | 65   | 103845   | 44.191  | ng    | 93       |
| 49) Acenaphthylene             | 14.45 | 152  | 545105   | 48.548  | ng    | 99       |
| 50) Dimethylphthalate          | 14.17 | 163  | 450625   | 48.804  | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.30 | 165  | 97851    | 46.824  | ng    | 99       |
| 52) Acenaphthene               | 14.79 | 154  | 319457   | 47.260  | ng    | 98       |
| 53) 3-Nitroaniline             | 14.64 | 138  | 8862     | 3.843   | ng    | # 79     |
| 54) 2,4-Dinitrophenol          | 14.84 | 184  | 116447   | 100.549 | ng    | 88       |
| 55) Dibenzofuran               | 15.12 | 168  | 511992   | 45.807  | ng    | 99       |
| 56) 4-Nitrophenol              | 14.93 | 139  | 152081   | 85.511  | ng    | 95       |
| 57) 2,4-Dinitrotoluene         | 15.08 | 165  | 136005   | 47.833  | ng    | # 98     |
| 58) Fluorene                   | 15.77 | 166  | 409631   | 49.119  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.34 | 232  | 114424   | 49.005  | ng    | 98       |
| 60) Diethylphthalate           | 15.53 | 149  | 436301   | 44.488  | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.75 | 204  | 211414   | 43.325  | ng    | 99       |
| 62) 4-Nitroaniline             | 15.80 | 138  | 71221    | 31.091  | ng    | 94       |
| 63) Azobenzene                 | 16.05 | 77   | 400889   | 45.718  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.84 | 198  | 77748    | 47.111  | ng    | 93       |
| 66) n-Nitrosodiphenylamine     | 15.97 | 169  | 302503   | 38.323  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.65 | 248  | 131448   | 45.900  | ng    | 97       |
| 68) Hexachlorobenzene          | 16.77 | 284  | 131901   | 44.621  | ng    | 99       |
| 69) Atrazine                   | 16.91 | 200  | 86406    | 29.695  | ng    | 97       |
| 70) Pentachlorophenol          | 17.11 | 266  | 167916   | 83.639  | ng    | 93       |
| 71) Phenanthrene               | 17.51 | 178  | 669075   | 50.085  | ng    | 99       |
| 72) Anthracene                 | 17.61 | 178  | 677281   | 51.433  | ng    | 98       |
| 73) Carbazole                  | 17.88 | 167  | 602258   | 45.586  | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.41 | 149  | 742209   | 50.046  | ng    | 99       |
| 75) Fluoranthene               | 19.52 | 202  | 770268   | 50.538  | ng    | 99       |
| 78) Pyrene                     | 19.88 | 202  | 777613   | 50.060  | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.75 | 149  | 345438   | 50.852  | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.74 | 228  | 730626   | 50.888  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.65 | 252  | 11725    | 2.096   | ng    | 96       |
| 83) Chrysene                   | 21.80 | 228  | 684440   | 49.824  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.60 | 149  | 487108   | 50.282  | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.84 | 149  | 831821   | 53.075  | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.89 | 276  | 817254   | 53.566  | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 24.01 | 252  | 710167   | 51.495  | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 24.09 | 252  | 709429   | 52.132  | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.92 | 252  | 693399   | 52.611  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 28.96 | 278  | 673361   | 53.099  | ng    | 97       |
| 92) Benzo(g,h,i)perylene       | 30.09 | 276  | 677950   | 53.767  | ng    | 99       |

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

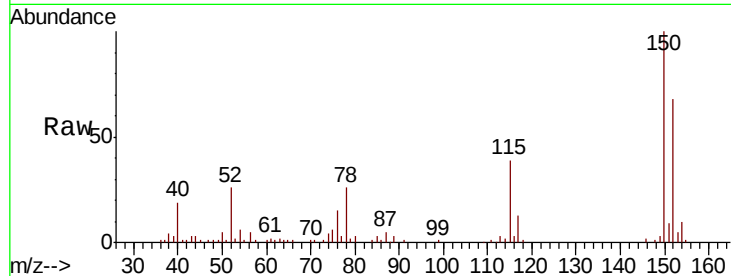




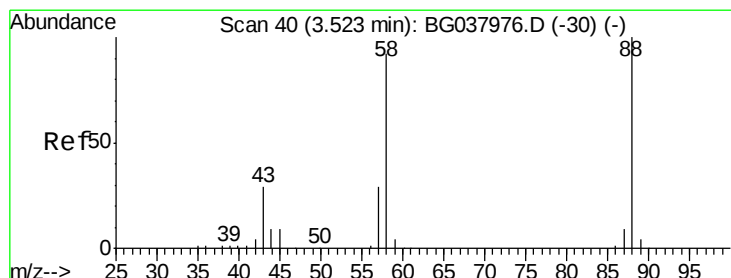
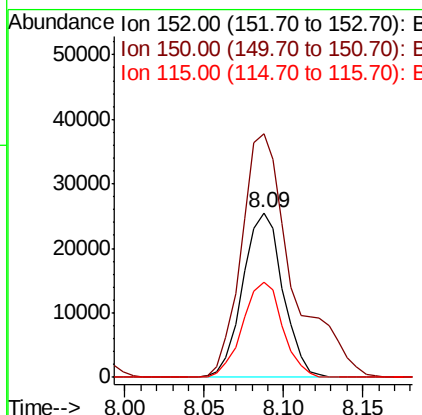
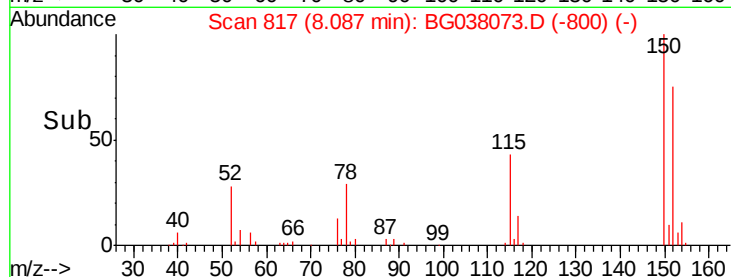
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 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.09 min Scan# 817  
 Delta R.T. -0.00 min  
 Lab File: BG038073.D  
 Acq: 19 Nov 2018 21:59

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OWS-1MS

Tgt Ion:152 Resp: 44777  
 Ion Ratio Lower Upper  
 152 100  
 150 148.0 126.0 189.0  
 115 57.6 45.5 68.3

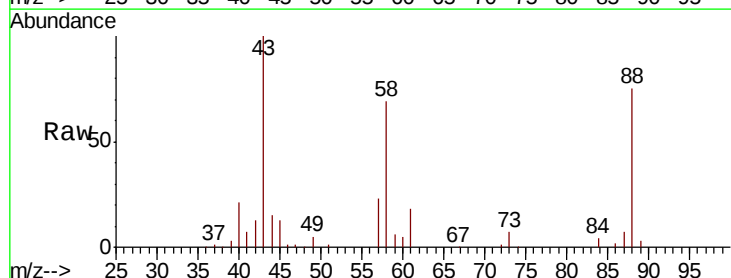


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

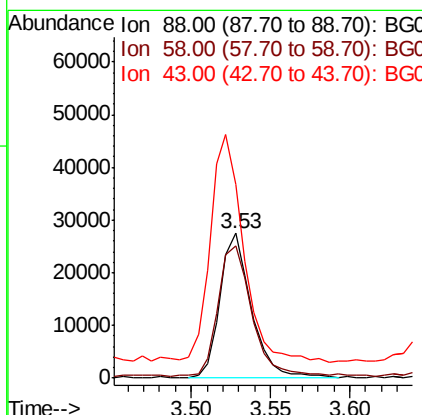
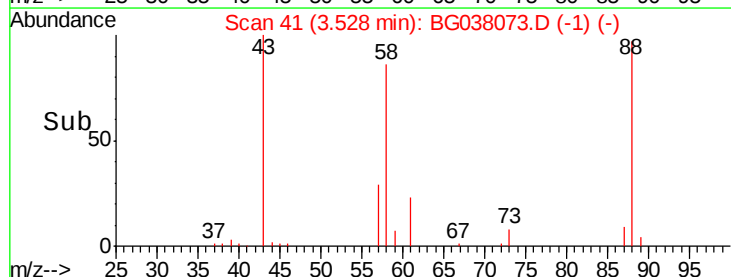


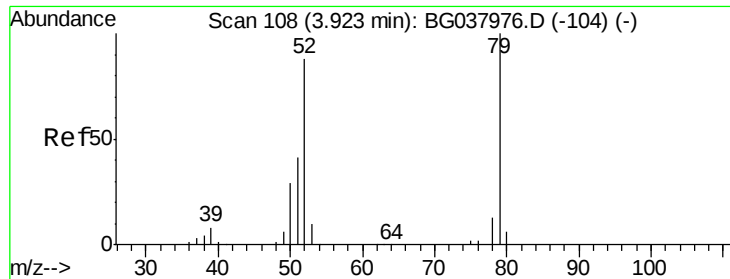
#2  
 1,4-Dioxane  
 Concen: 30.900 ng  
 RT: 3.53 min Scan# 41  
 Delta R.T. 0.00 min  
 Lab File: BG038073.D  
 Acq: 19 Nov 2018 21:59

Tgt Ion: 88 Resp: 37852  
 Ion Ratio Lower Upper  
 88 100  
 58 97.0 74.4 111.6  
 43 166.6 25.8 38.8#



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

Pyridine

Concen: 26.906 ng

RT: 3.94 min Scan# 111

Delta R.T. 0.02 min

Lab File: BG038073.D

Acq: 19 Nov 2018 21:59

Instrument :

BNA\_G

ClientSampleId :

OVS-1MS

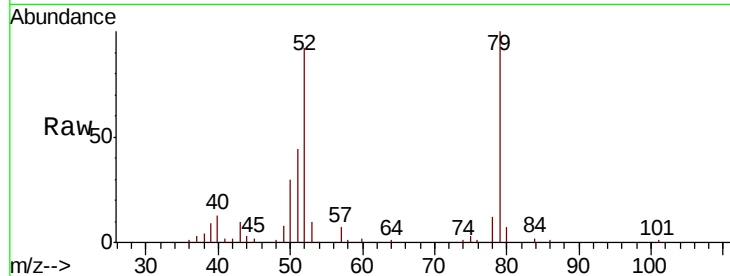
Tgt Ion: 79 Resp: 94019

Ion Ratio Lower Upper

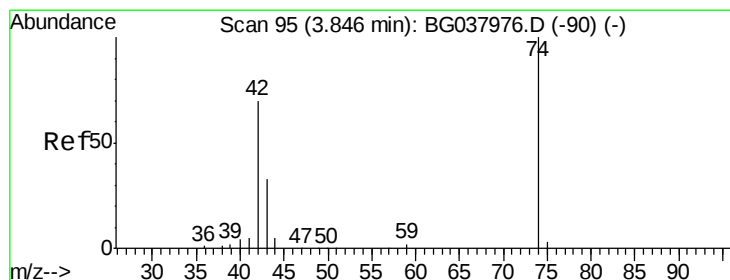
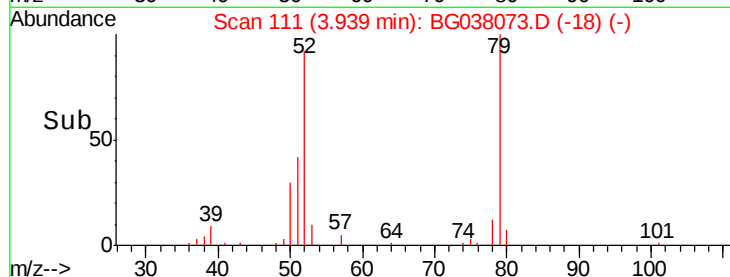
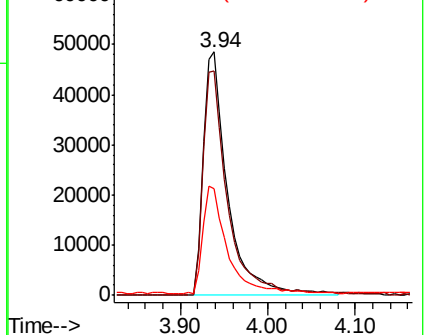
79 100

52 92.1 74.2 111.2

51 43.6 34.6 51.8



Abundance Ion 79.00 (78.70 to 79.70): BGC  
Ion 52.00 (51.70 to 52.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 43.941 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.00 min

Lab File: BG038073.D

Acq: 19 Nov 2018 21:59

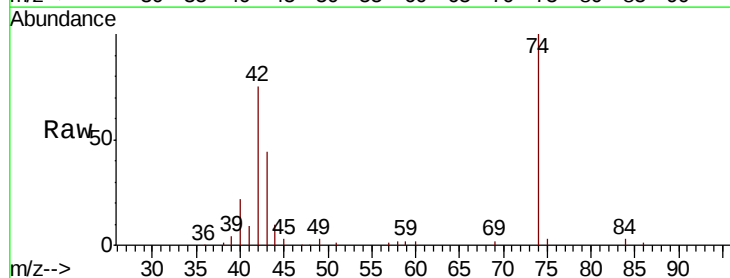
Tgt Ion: 42 Resp: 55705

Ion Ratio Lower Upper

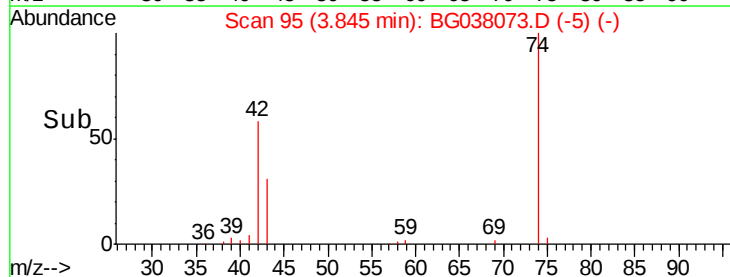
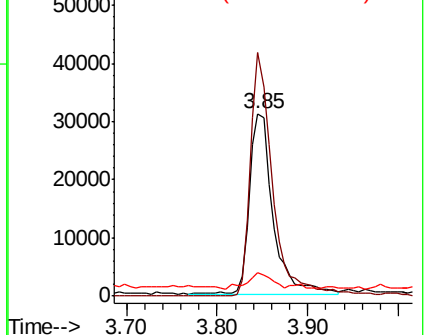
42 100

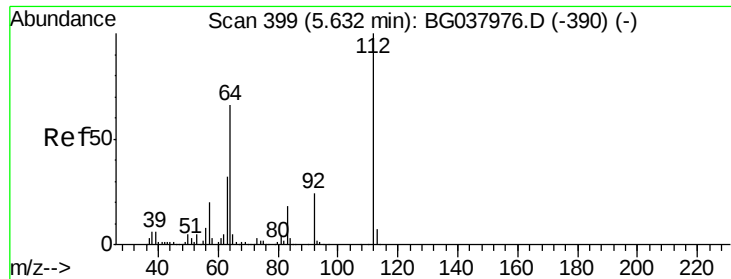
74 133.3 102.0 153.0

44 13.0 9.6 14.4



Abundance Ion 42.00 (41.70 to 42.70): BGC  
Ion 74.00 (73.70 to 74.70): BGC  
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 115.803 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG038073.D

Acq: 19 Nov 2018 21:59

Instrument :

BNA\_G

ClientSampleId :

OWS-1MS

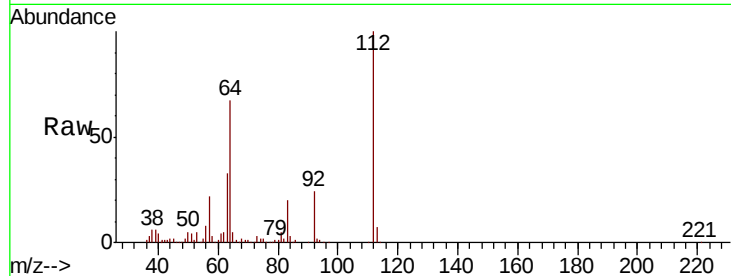
Tgt Ion: 112 Resp: 300326

Ion Ratio Lower Upper

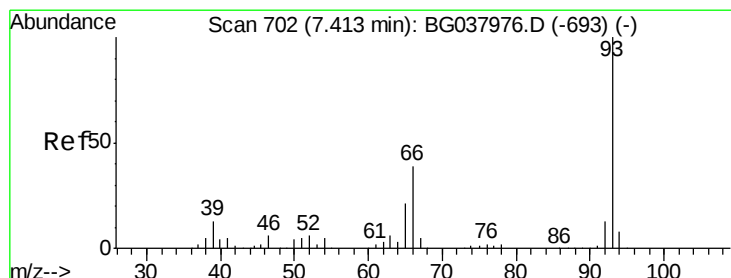
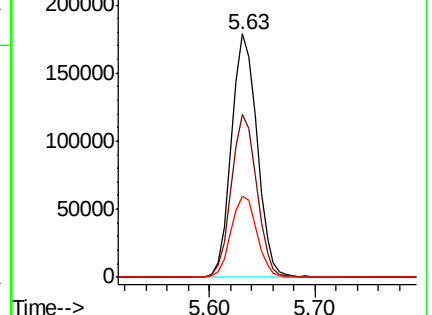
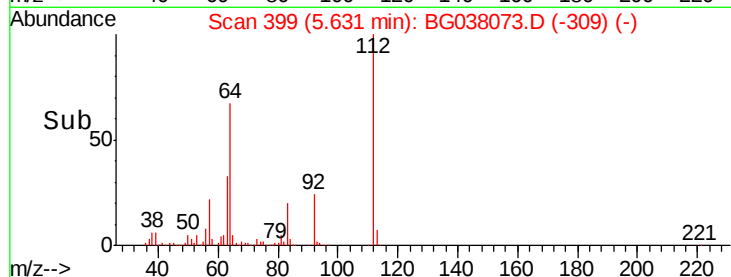
112 100

64 66.9 53.1 79.7

63 33.4 27.3 40.9



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: 6.972 ng

RT: 7.42 min Scan# 703

Delta R.T. 0.00 min

Lab File: BG038073.D

Acq: 19 Nov 2018 21:59

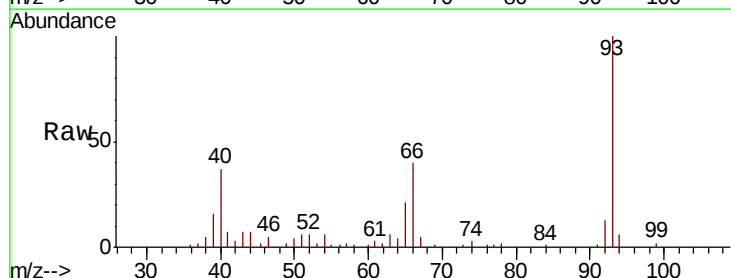
Tgt Ion: 93 Resp: 33310

Ion Ratio Lower Upper

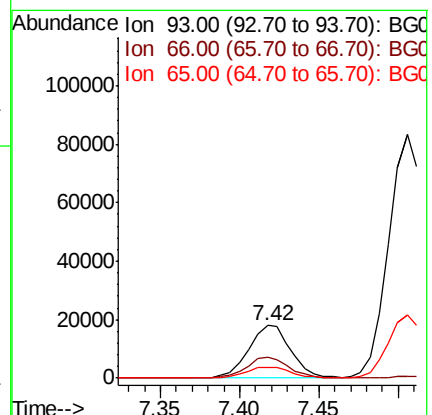
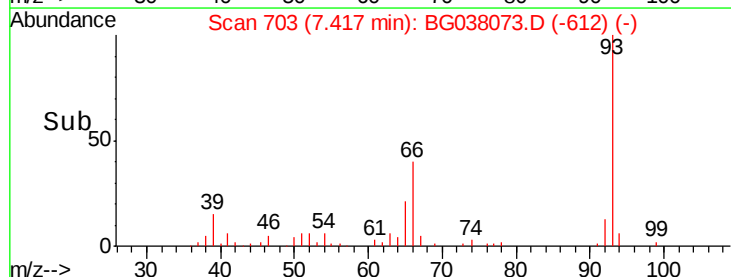
93 100

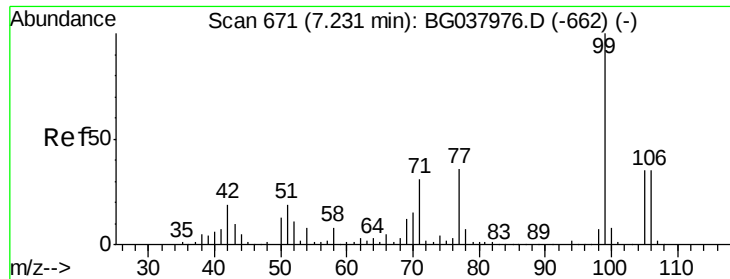
66 39.6 32.8 49.2

65 20.7 16.4 24.6



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: 105.650 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG038073.D

Acq: 19 Nov 2018 21:59

Instrument :

BNA\_G

ClientSampleId :

OVS-1MS

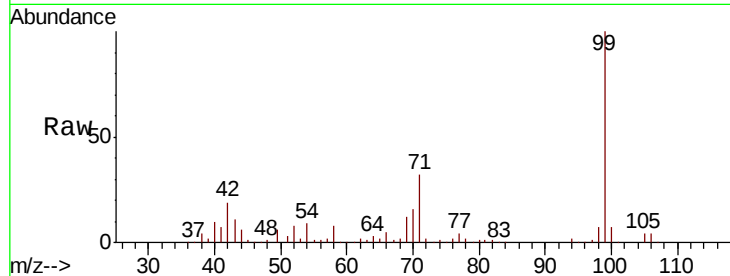
Tgt Ion: 99 Resp: 391111

Ion Ratio Lower Upper

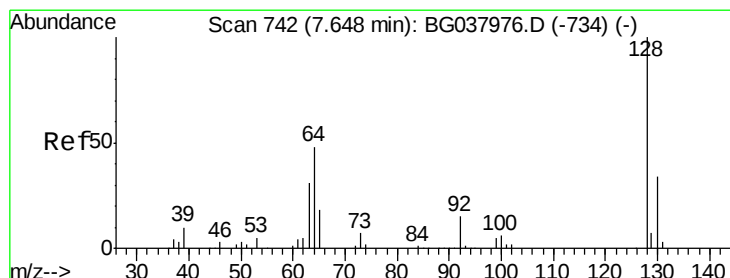
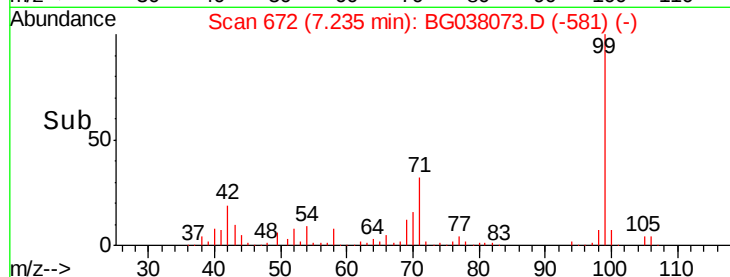
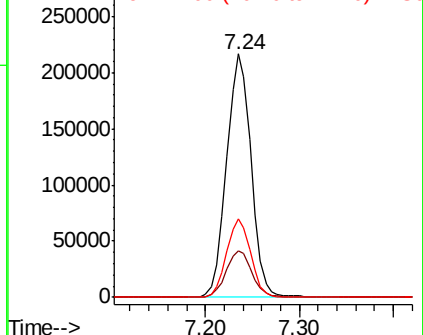
99 100

42 19.0 15.0 22.4

71 32.3 25.5 38.3



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



#8

2-Chlorophenol

Concen: 46.401 ng

RT: 7.65 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG038073.D

Acq: 19 Nov 2018 21:59

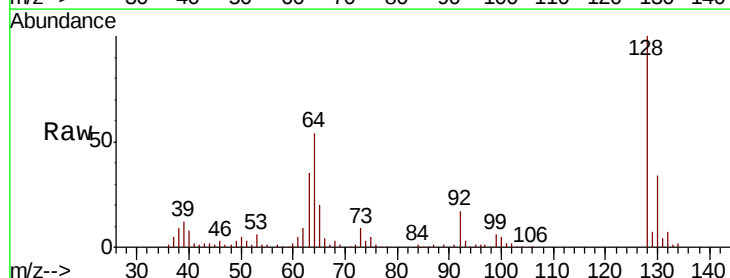
Tgt Ion: 128 Resp: 139630

Ion Ratio Lower Upper

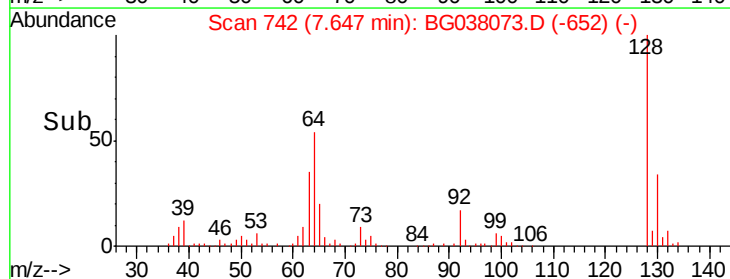
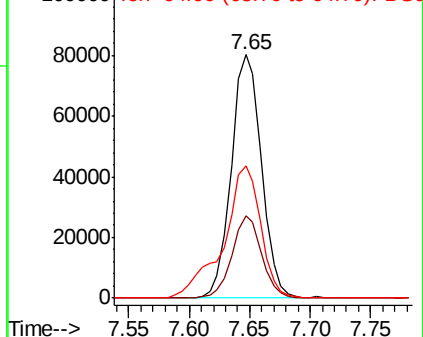
128 100

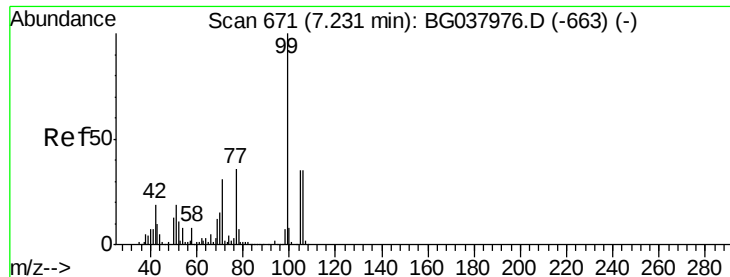
130 33.8 12.0 52.0

64 54.4 32.9 72.9



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: 7.777 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038073.D

Acq: 19 Nov 2018 21:59

Instrument :

BNA\_G

ClientSampled :

OWS-1MS

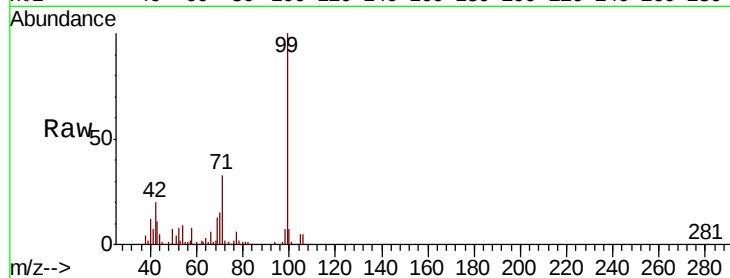
Tgt Ion: 77 Resp: 20819

Ion Ratio Lower Upper

77 100

105 95.0 72.6 112.6

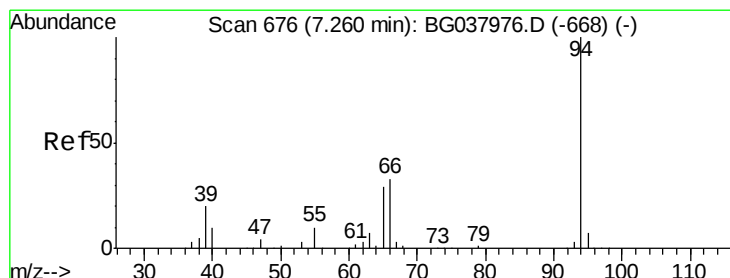
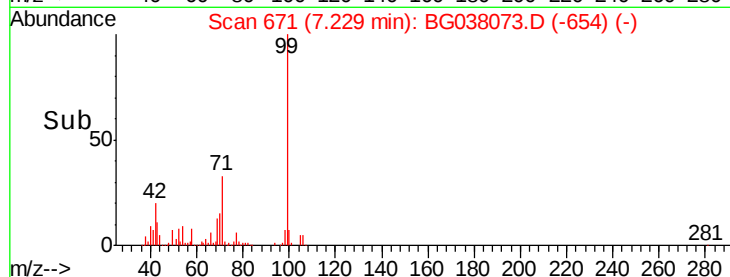
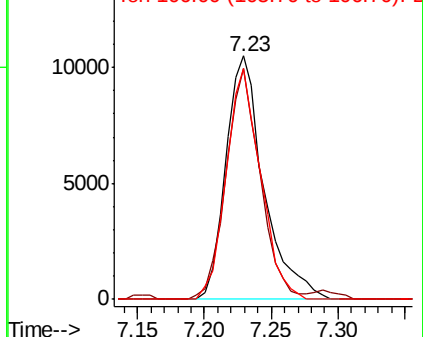
106 94.8 71.3 111.3



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 44.414 ng

RT: 7.26 min Scan# 677

Delta R.T. 0.00 min

Lab File: BG038073.D

Acq: 19 Nov 2018 21:59

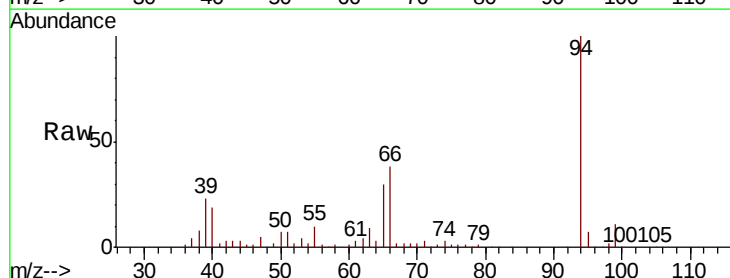
Tgt Ion: 94 Resp: 174156

Ion Ratio Lower Upper

94 100

65 29.9 9.7 49.7

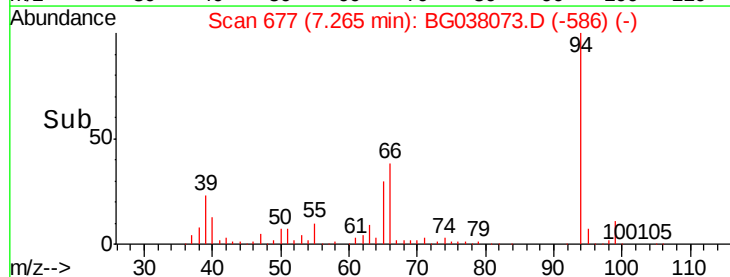
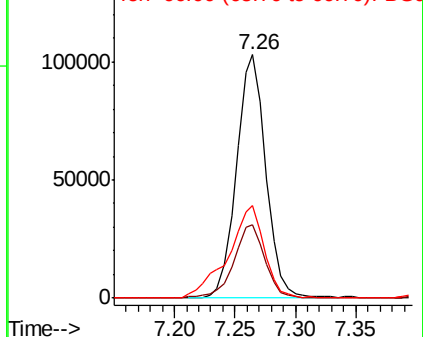
66 37.9 15.9 55.9

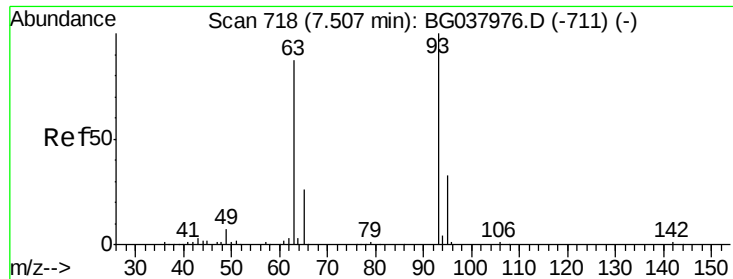


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

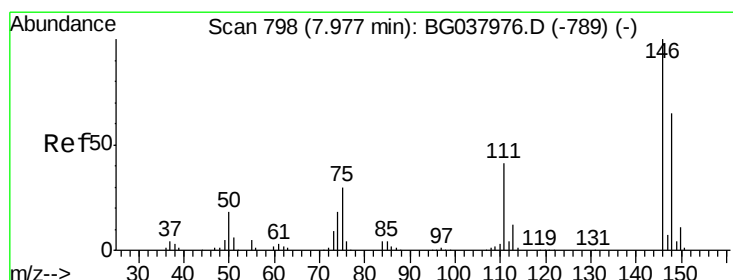
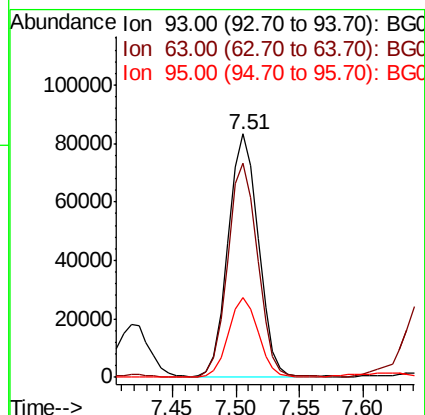
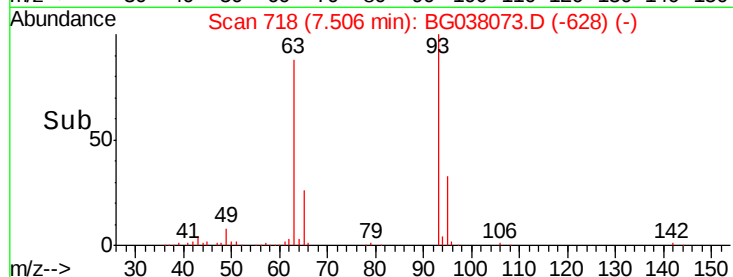
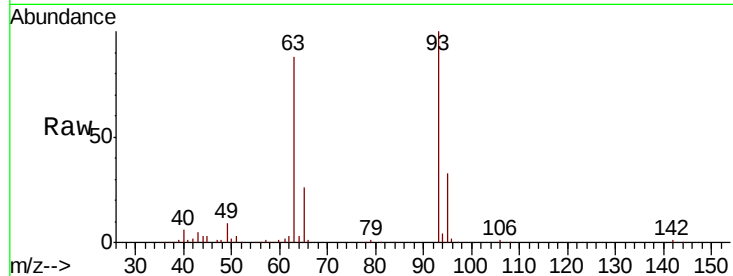




#11  
bis(2-Chloroethyl)ether  
Concen: 43.151 ng  
RT: 7.51 min Scan# 718  
Delta R.T. -0.00 min  
Lab File: BG038073.D  
Acq: 19 Nov 2018 21:59

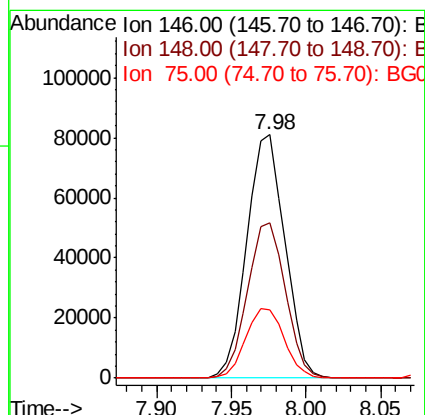
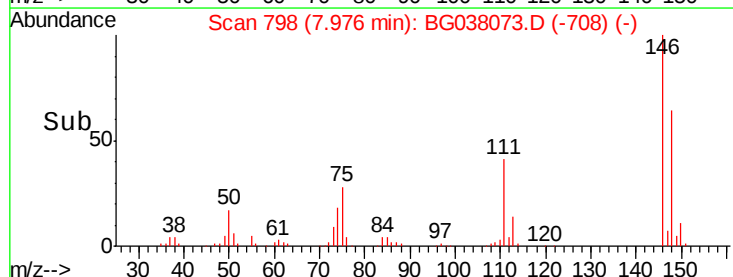
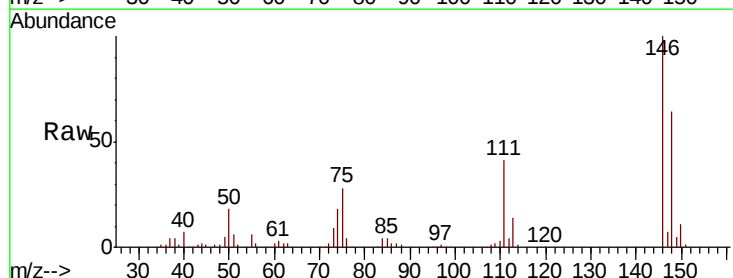
Instrument :  
BNA\_G  
ClientSampled :  
OWS-1MS

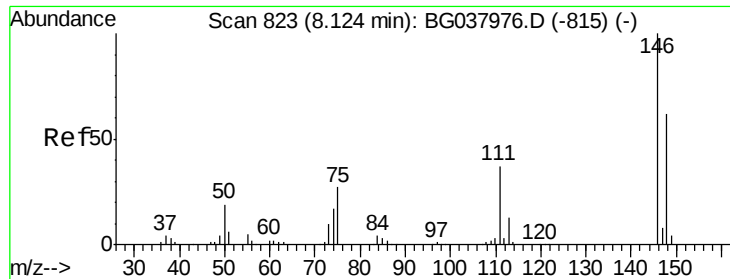
Tgt Ion: 93 Resp: 138134  
Ion Ratio Lower Upper  
93 100  
63 88.2 69.5 109.5  
95 32.9 12.6 52.6



#12  
1,3-Dichlorobenzene  
Concen: 41.187 ng  
RT: 7.98 min Scan# 798  
Delta R.T. -0.00 min  
Lab File: BG038073.D  
Acq: 19 Nov 2018 21:59

Tgt Ion: 146 Resp: 142783  
Ion Ratio Lower Upper  
146 100  
148 64.0 49.8 74.8  
75 28.1 23.2 34.8

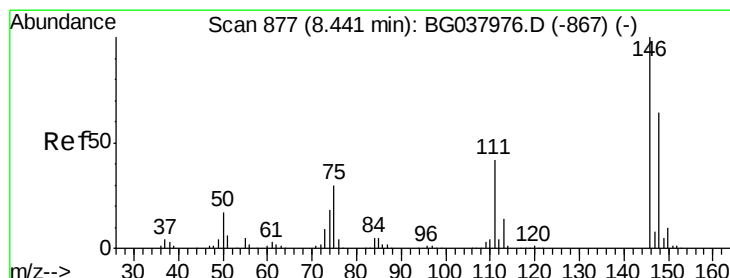
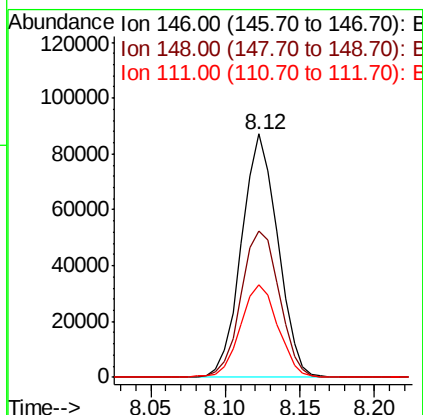
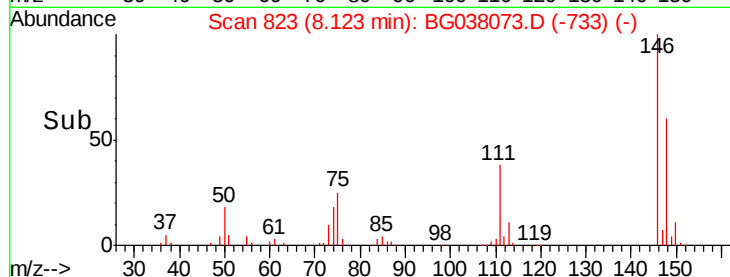
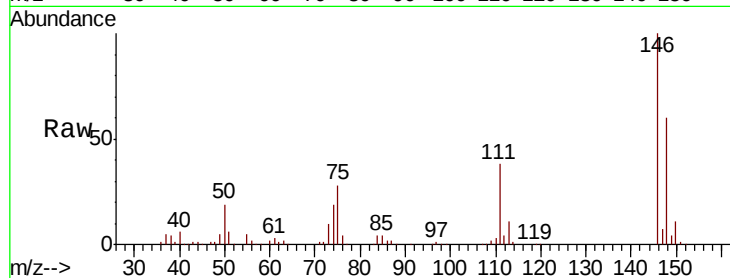




#13  
 1,4-Dichlorobenzene  
 Concen: 41.803 ng  
 RT: 8.12 min Scan# 823  
 Delta R.T. -0.00 min  
 Lab File: BG038073.D  
 Acq: 19 Nov 2018 21:59

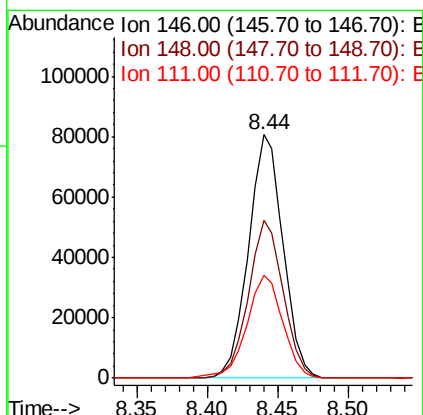
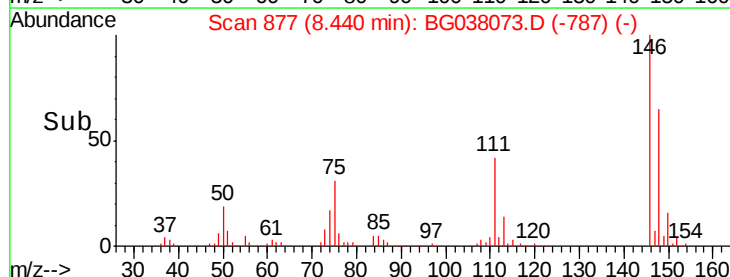
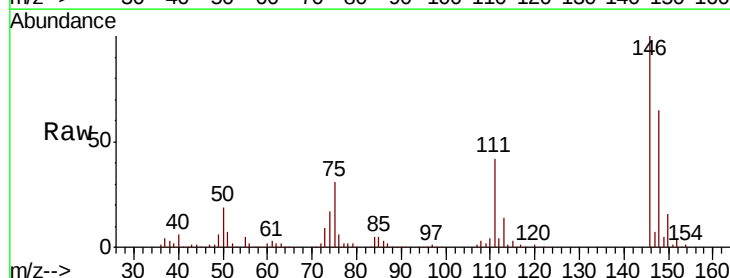
Instrument :  
 BNA\_G  
 ClientSampleId :  
 OWS-1MS

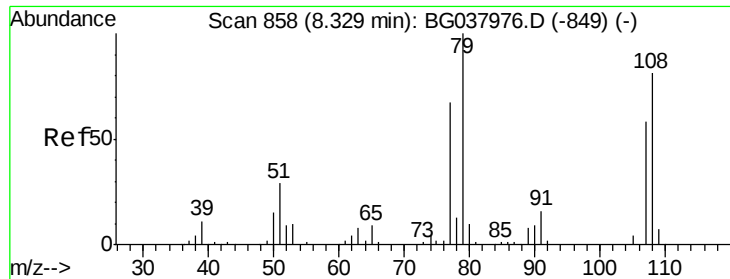
Tgt Ion:146 Resp: 146389  
 Ion Ratio Lower Upper  
 146 100  
 148 60.4 51.0 76.6  
 111 38.2 32.4 48.6



#14  
 1,2-Dichlorobenzene  
 Concen: 41.397 ng  
 RT: 8.44 min Scan# 877  
 Delta R.T. -0.00 min  
 Lab File: BG038073.D  
 Acq: 19 Nov 2018 21:59

Tgt Ion:146 Resp: 138405  
 Ion Ratio Lower Upper  
 146 100  
 148 64.7 50.4 75.6  
 111 42.2 34.6 51.8





#15

Benzyl Alcohol

Concen: 44.153 ng

RT: 8.33 min Scan# 858

Delta R.T. -0.00 min

Lab File: BG038073.D

Acq: 19 Nov 2018 21:59

Instrument :

BNA\_G

ClientSampleId :

OVS-1MS

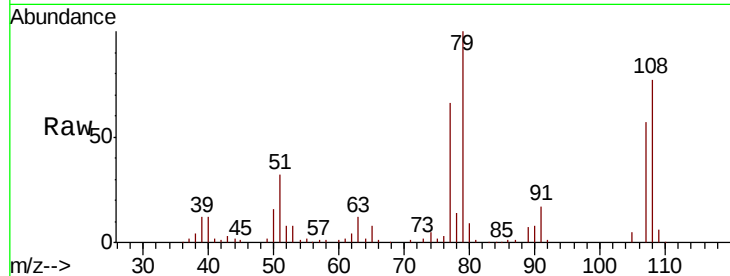
Tgt Ion: 79 Resp: 118272

Ion Ratio Lower Upper

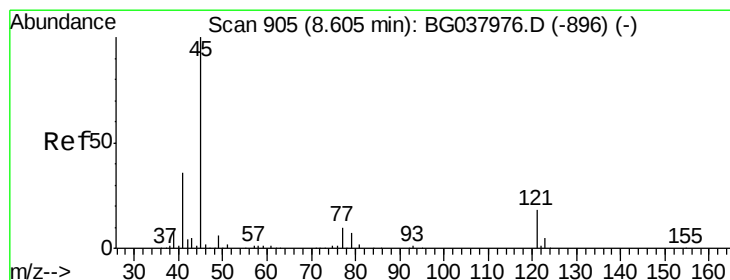
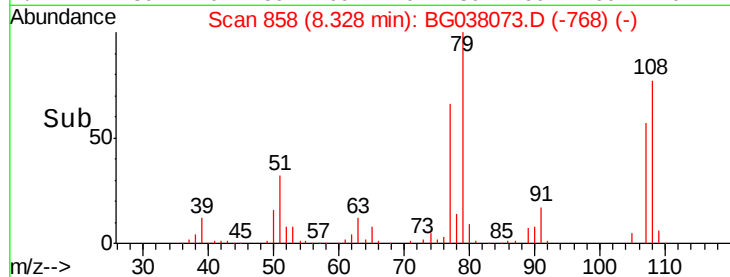
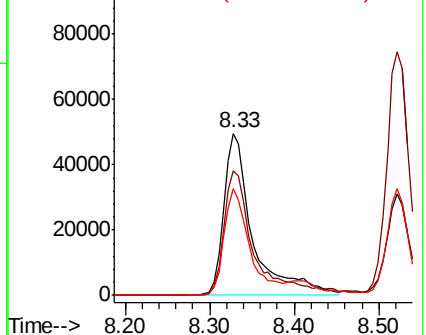
79 100

108 77.4 65.8 98.8

77 66.0 52.9 79.3



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: 44.864 ng

RT: 8.60 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG038073.D

Acq: 19 Nov 2018 21:59

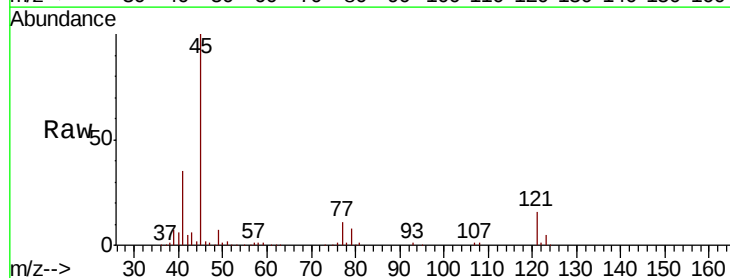
Tgt Ion: 45 Resp: 266682

Ion Ratio Lower Upper

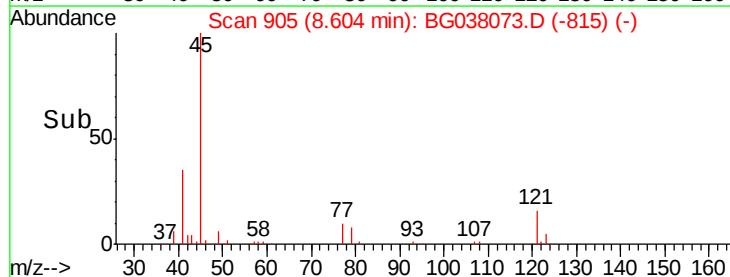
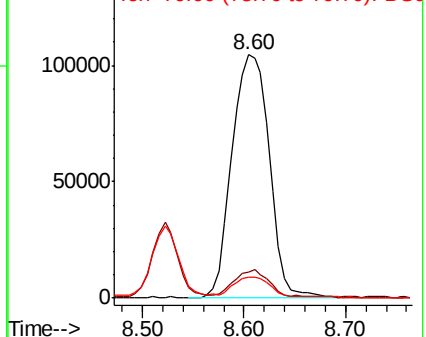
45 100

77 10.9 0.0 30.0

79 8.4 0.0 29.0



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

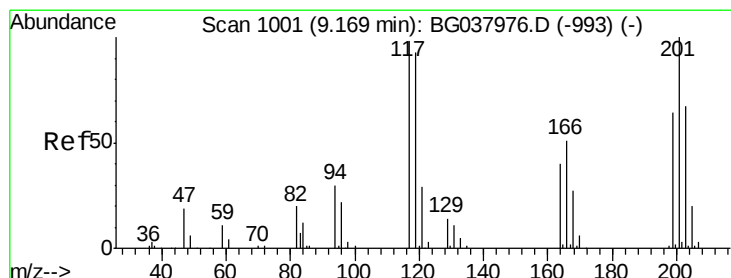
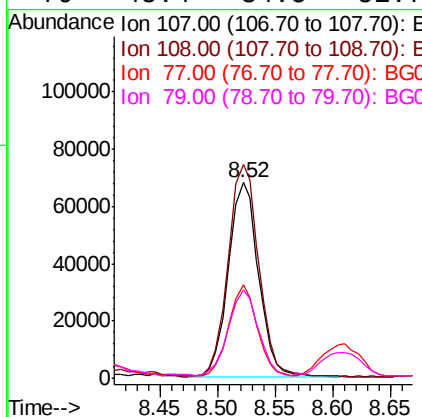
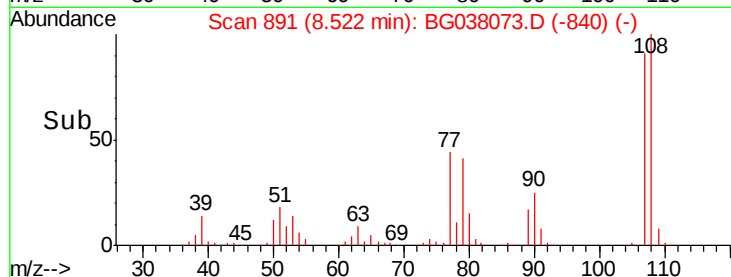
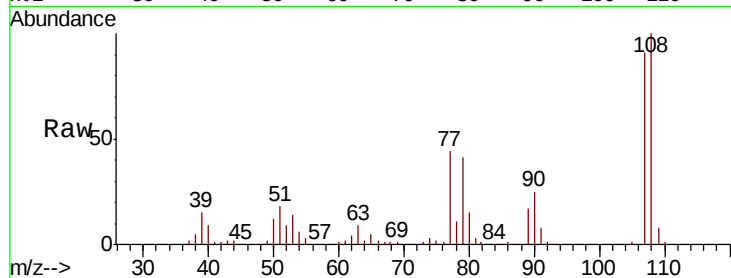




#17  
2-Methylphenol  
Concen: 46.460 ng  
RT: 8.52 min Scan# 891  
Delta R.T. -0.00 min  
Lab File: BG038073.D  
Acq: 19 Nov 2018 21:59

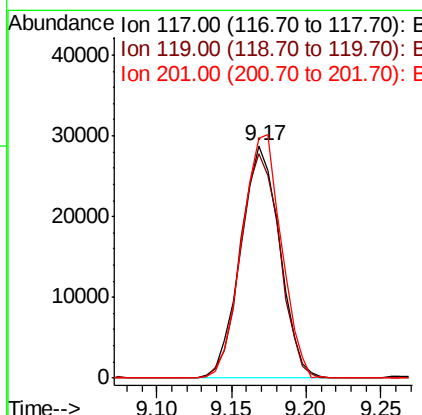
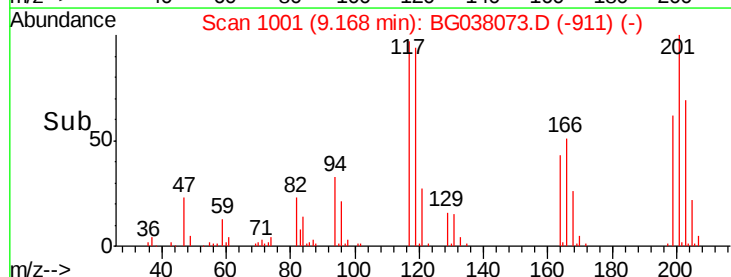
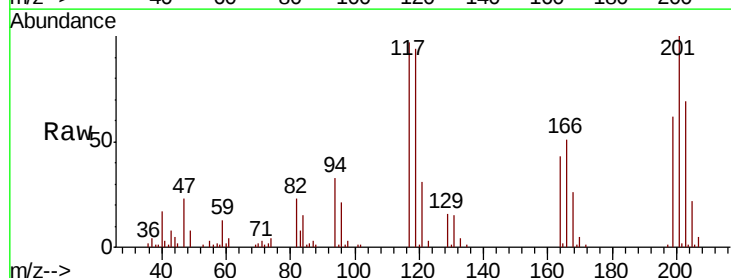
Instrument :  
BNA\_G  
ClientSampleId :  
OWS-1MS

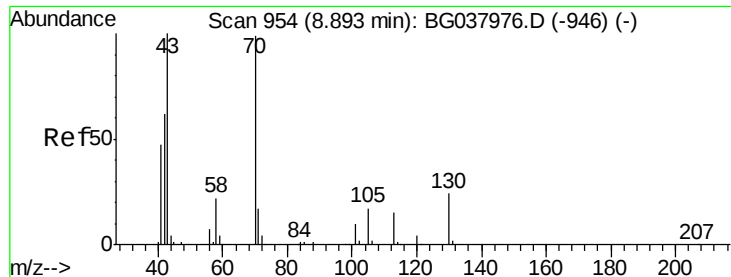
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 123167 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 109.4 | 87.9  | 131.9  |
| 77       | 47.9  | 35.1  | 52.7   |
| 79       | 45.4  | 34.5  | 51.7   |



#18  
Hexachloroethane  
Concen: 40.908 ng  
RT: 9.17 min Scan# 1001  
Delta R.T. -0.00 min  
Lab File: BG038073.D  
Acq: 19 Nov 2018 21:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 52136 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 96.7  | 74.6  | 111.8 |
| 201      | 105.5 | 80.8  | 121.2 |

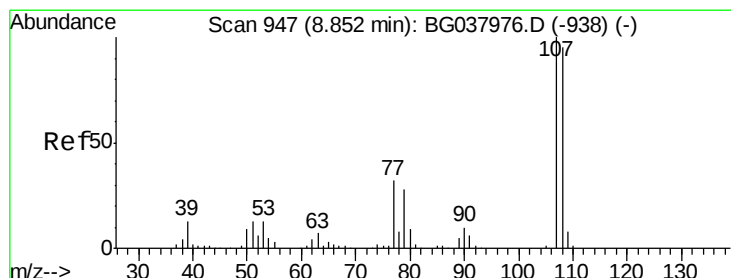
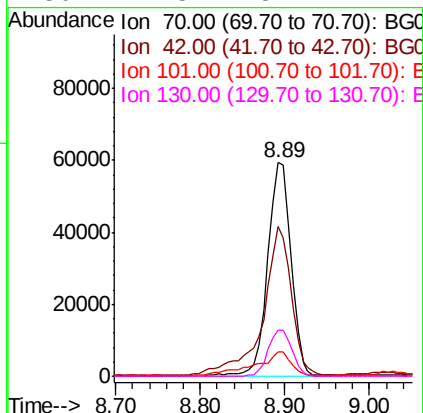
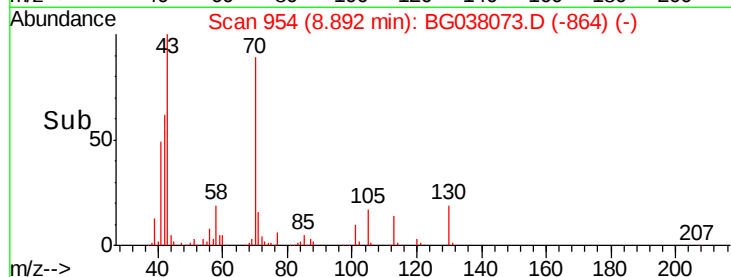
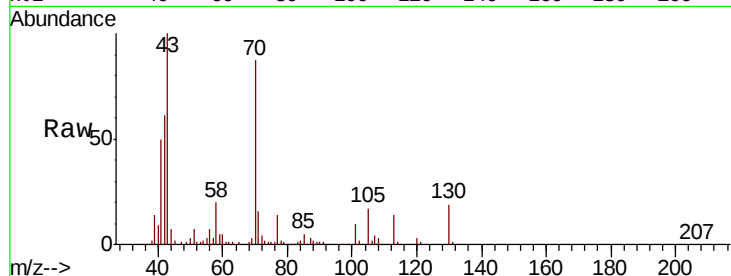




#19  
n-Nitroso-di-n-propylamine  
Concen: 42.633 ng  
RT: 8.89 min Scan# 954  
Delta R.T. -0.00 min  
Lab File: BG038073.D  
Acq: 19 Nov 2018 21:59

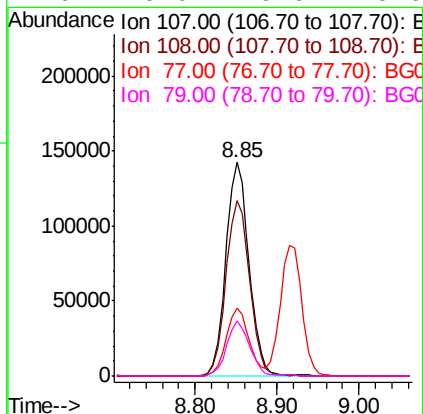
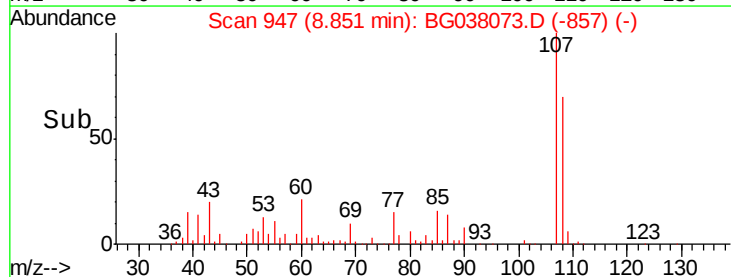
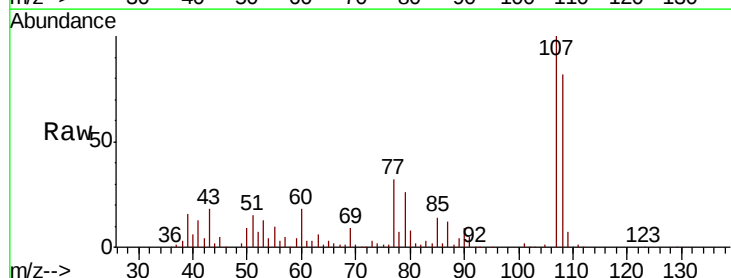
Instrument :  
BNA\_G  
ClientSampleId :  
OWS-1MS

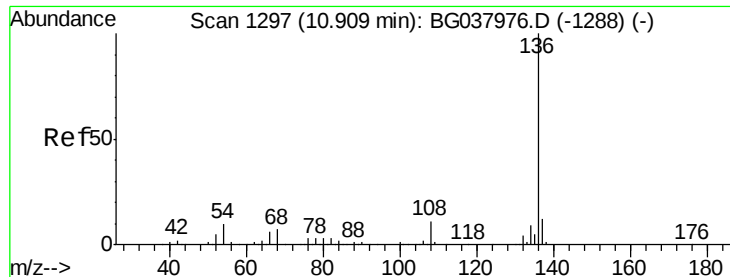
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 114198 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 70.0  | 53.9  | 80.9   |
| 101      | 11.3  | 8.2   | 12.2   |
| 130      | 21.8  | 18.2  | 27.4   |



#20  
3+4-Methylphenols  
Concen: 74.360 ng  
RT: 8.85 min Scan# 947  
Delta R.T. -0.00 min  
Lab File: BG038073.D  
Acq: 19 Nov 2018 21:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 279453 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 82.3  | 69.9  | 109.9  |
| 77       | 31.8  | 11.2  | 51.2   |
| 79       | 26.0  | 6.6   | 46.6   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BG038073.D

Acq: 19 Nov 2018 21:59

Instrument :

BNA\_G

ClientSampleId :

OWS-1MS

Tgt Ion:136 Resp: 185033

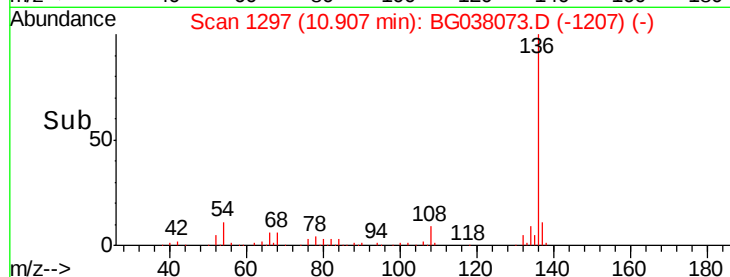
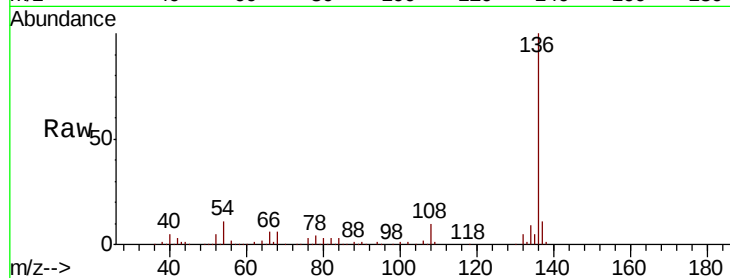
Ion Ratio Lower Upper

136 100

137 11.3 9.6 14.4

54 10.7 7.9 11.9

68 6.0 4.8 7.2

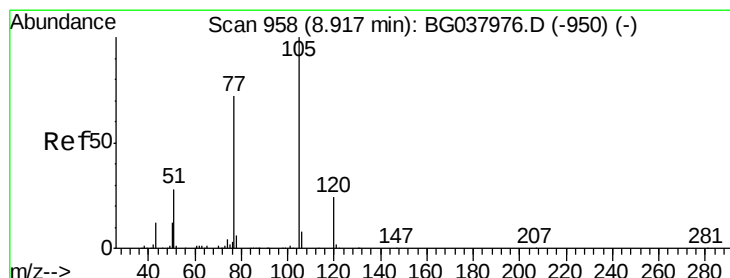
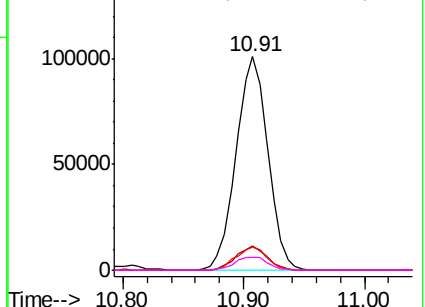


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 44.938 ng

RT: 8.92 min Scan# 958

Delta R.T. -0.00 min

Lab File: BG038073.D

Acq: 19 Nov 2018 21:59

Tgt Ion:105 Resp: 206883

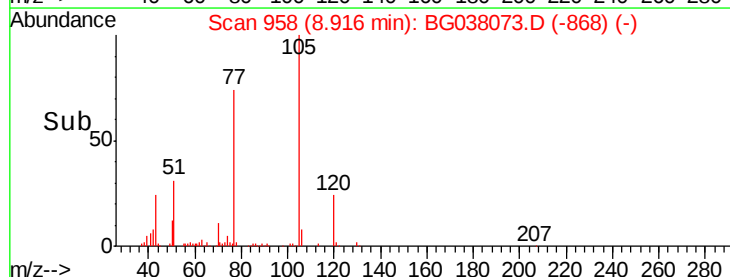
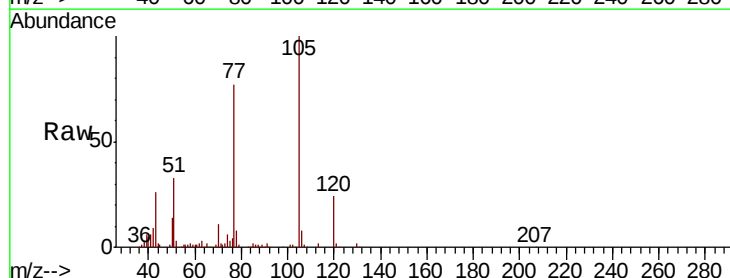
Ion Ratio Lower Upper

105 100

71 2.1 1.2 1.8#

51 32.8 25.0 37.6

120 23.5 18.6 28.0

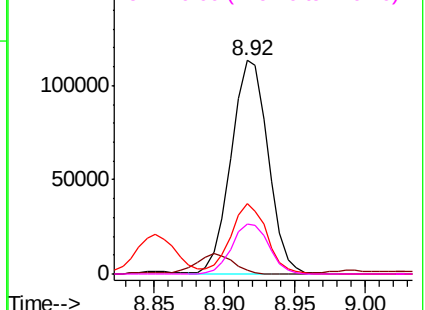


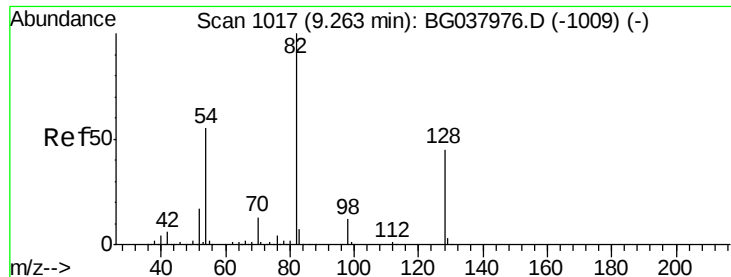
Abundance Ion 105.00 (104.70 to 105.70): E

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

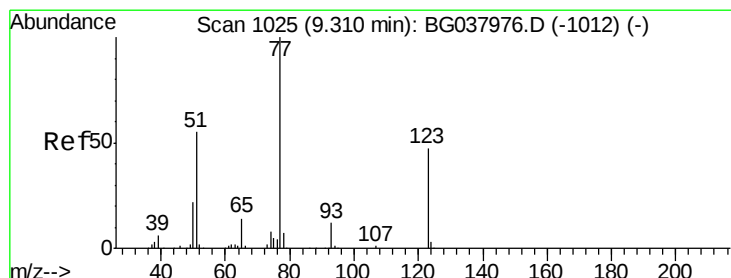
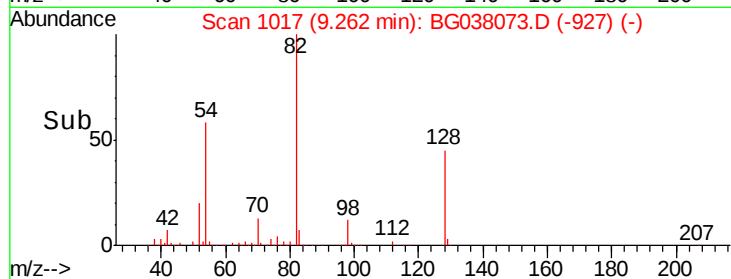
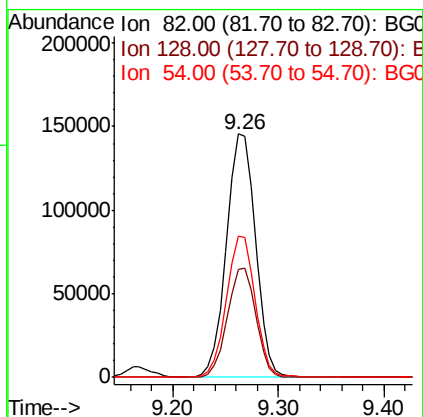
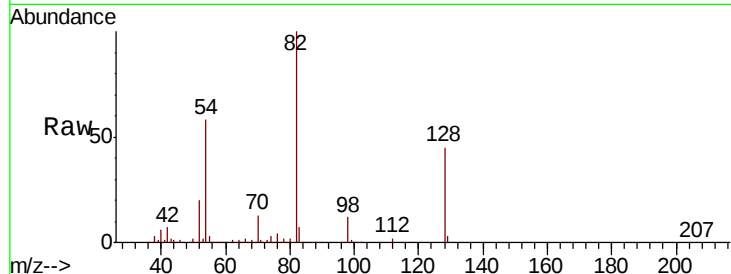




#23  
 Nitrobenzene-d5  
 Concen: 80.272 ng  
 RT: 9.26 min Scan# 1017  
 Delta R.T. -0.00 min  
 Lab File: BG038073.D  
 Acq: 19 Nov 2018 21:59

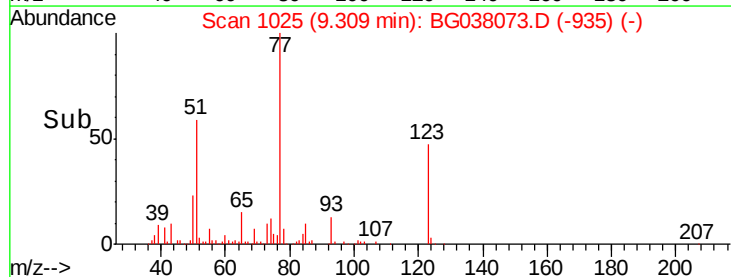
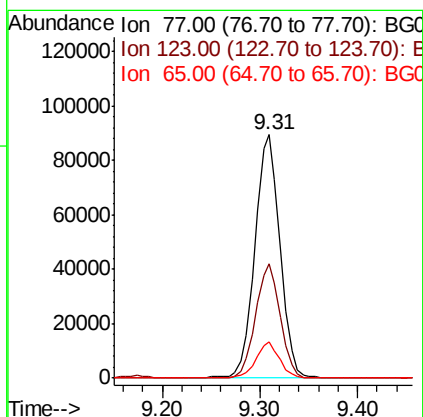
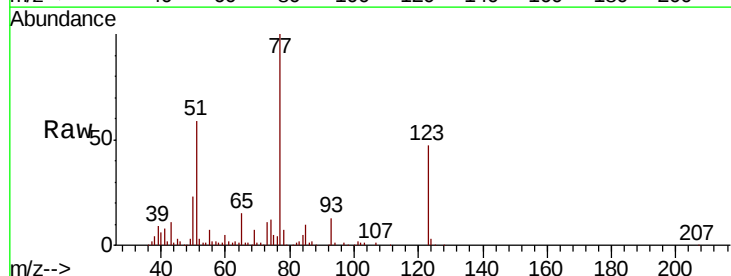
Instrument :  
 BNA\_G  
 ClientSampleId :  
 OWS-1MS

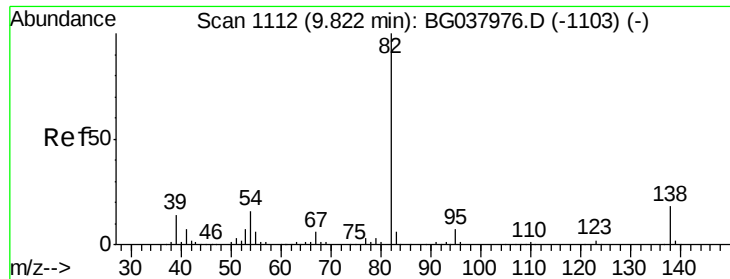
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 44.5  | 34.6  | 51.8  |
| 54      | 58.1  | 45.3  | 67.9  |



#24  
 Nitrobenzene  
 Concen: 45.748 ng  
 RT: 9.31 min Scan# 1025  
 Delta R.T. -0.00 min  
 Lab File: BG038073.D  
 Acq: 19 Nov 2018 21:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 46.9  | 33.6  | 50.4  |
| 65      | 15.1  | 11.3  | 16.9  |





#25

Isophorone

Concen: 51.149 ng

RT: 9.82 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BG038073.D

Acq: 19 Nov 2018 21:59

Instrument :

BNA\_G

ClientSampleId :

OWS-1MS

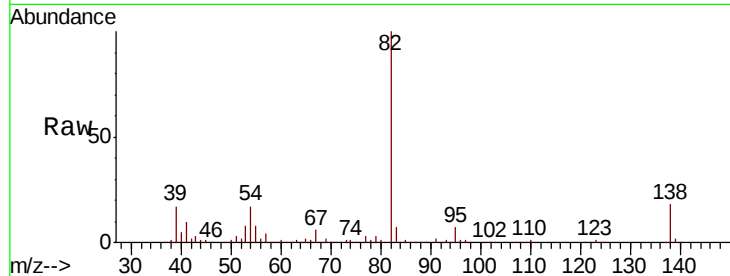
Tgt Ion: 82 Resp: 318223

Ion Ratio Lower Upper

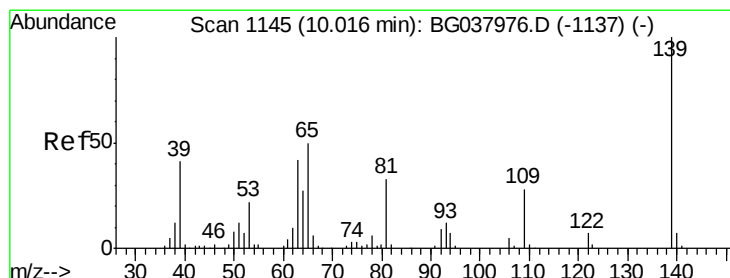
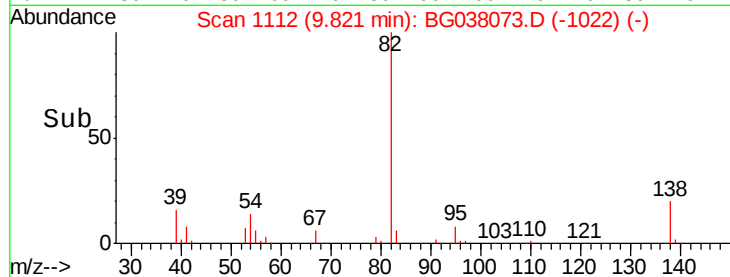
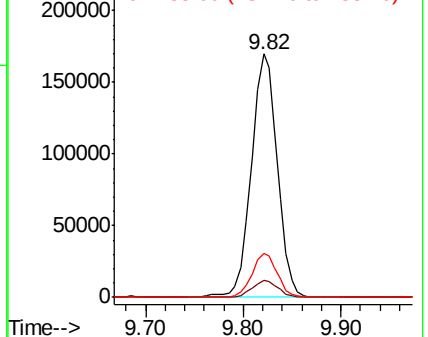
82 100

95 6.9 5.3 7.9

138 18.0 13.3 19.9



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: 45.052 ng

RT: 10.01 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BG038073.D

Acq: 19 Nov 2018 21:59

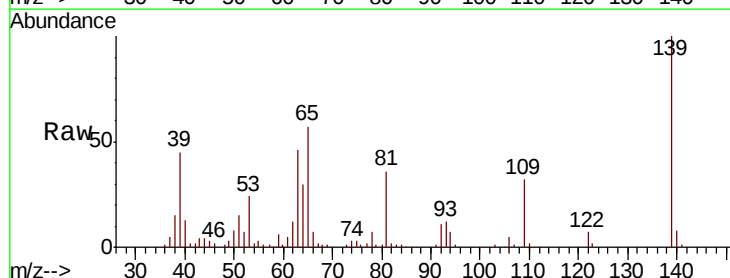
Tgt Ion: 139 Resp: 79527

Ion Ratio Lower Upper

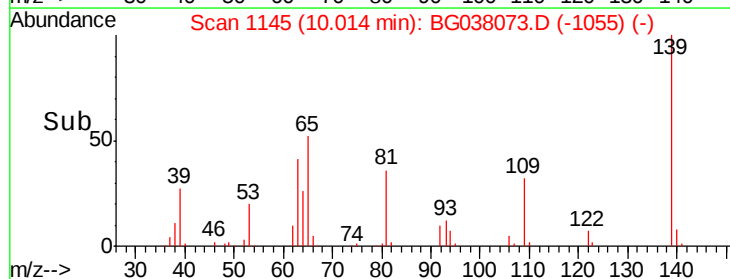
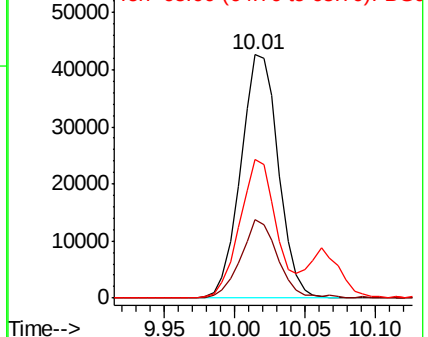
139 100

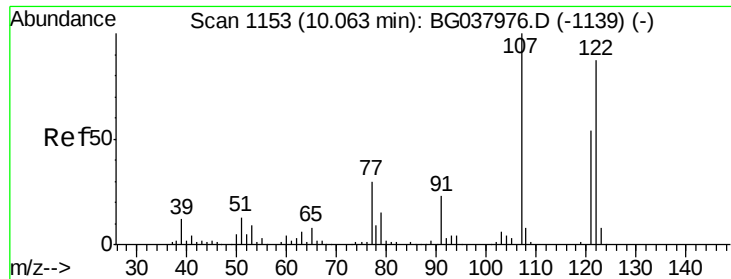
109 32.1 23.3 34.9

65 57.0 39.8 59.8



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

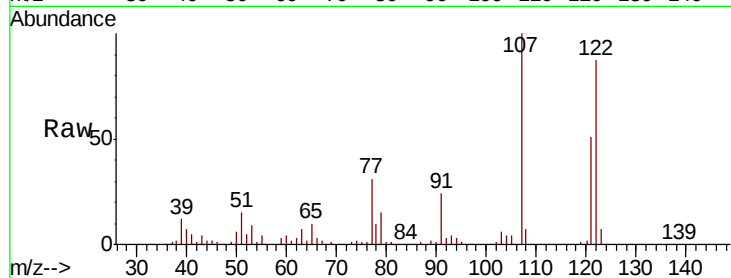




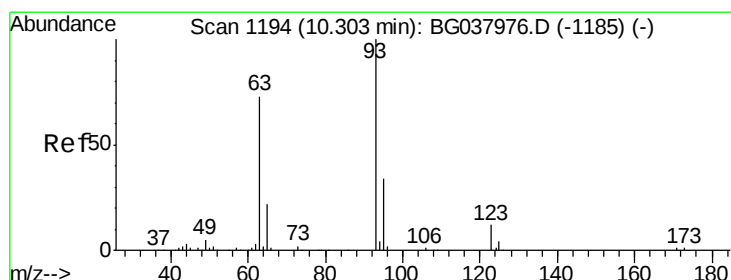
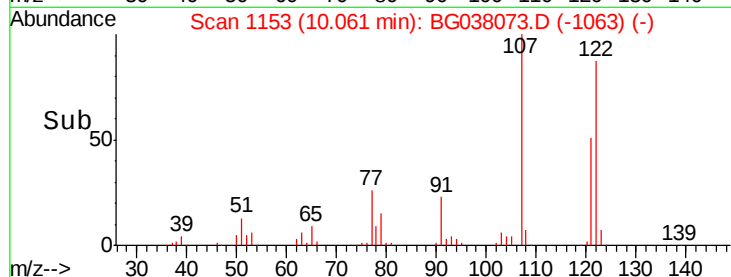
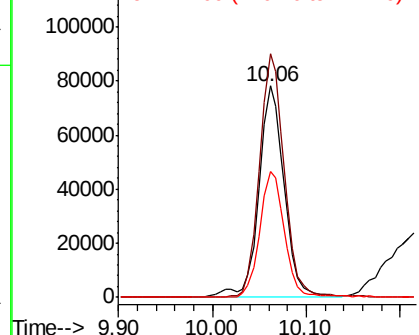
#27  
2,4-Dimethylphenol  
Concen: 54.848 ng  
RT: 10.06 min Scan# 1153  
Delta R.T. -0.00 min  
Lab File: BG038073.D  
Acq: 19 Nov 2018 21:59

Instrument :  
BNA\_G  
ClientSampleId :  
OWS-1MS

Tgt Ion:122 Resp: 145877  
Ion Ratio Lower Upper  
122 100  
107 115.3 94.2 141.2  
121 59.3 47.3 70.9

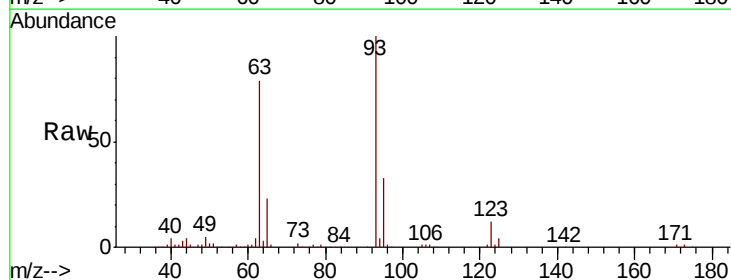


Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E

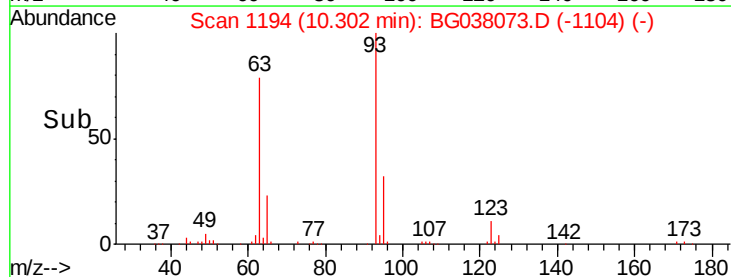
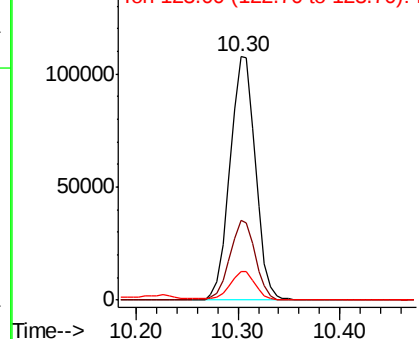


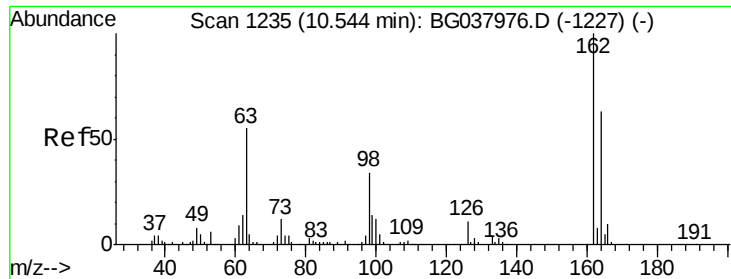
#28  
bis(2-Chloroethoxy)methane  
Concen: 47.092 ng  
RT: 10.30 min Scan# 1194  
Delta R.T. -0.00 min  
Lab File: BG038073.D  
Acq: 19 Nov 2018 21:59

Tgt Ion: 93 Resp: 187348  
Ion Ratio Lower Upper  
93 100  
95 32.5 24.6 37.0  
123 11.6 9.1 13.7



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

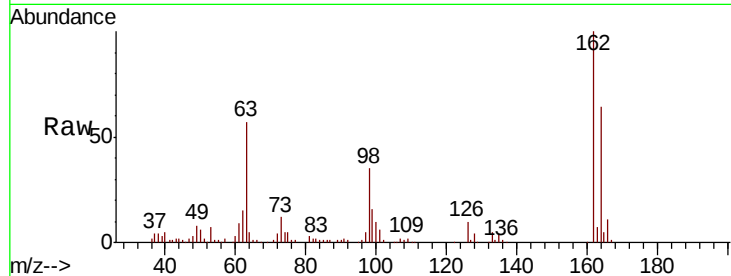




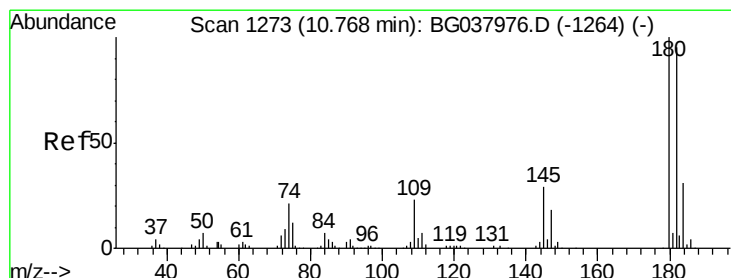
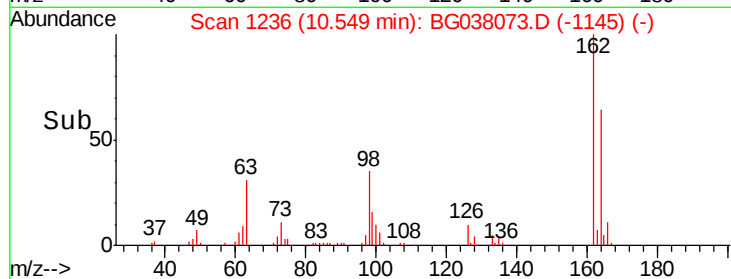
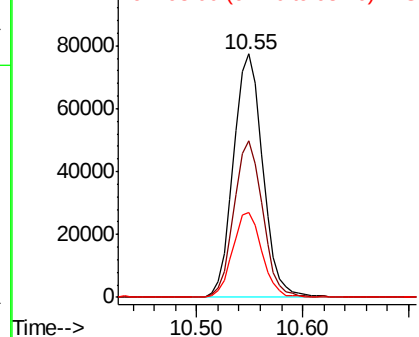
#29  
2,4-Dichlorophenol  
Concen: 49.590 ng  
RT: 10.55 min Scan# 1236  
Delta R.T. 0.00 min  
Lab File: BG038073.D  
Acq: 19 Nov 2018 21:59

Instrument :  
BNA\_G  
ClientSampleId :  
OWS-1MS

Tgt Ion:162 Resp: 148353  
Ion Ratio Lower Upper  
162 100  
164 64.3 43.2 83.2  
98 34.9 16.0 56.0

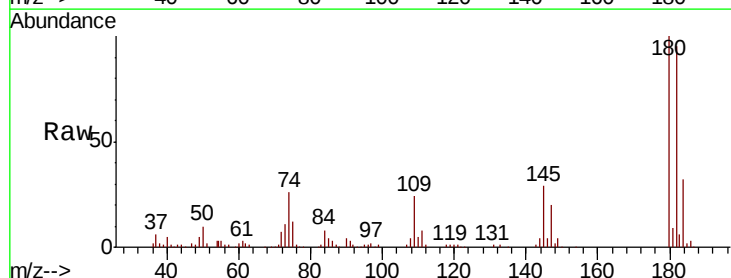


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BGC

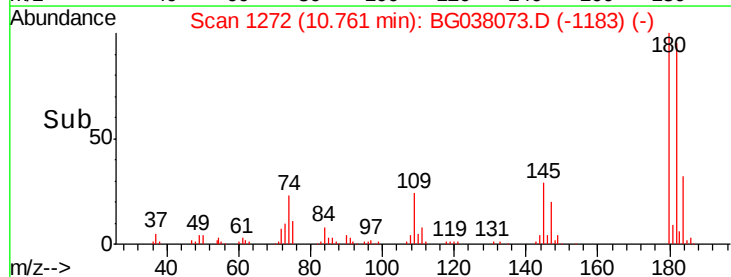
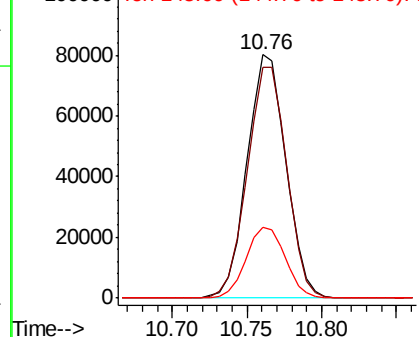


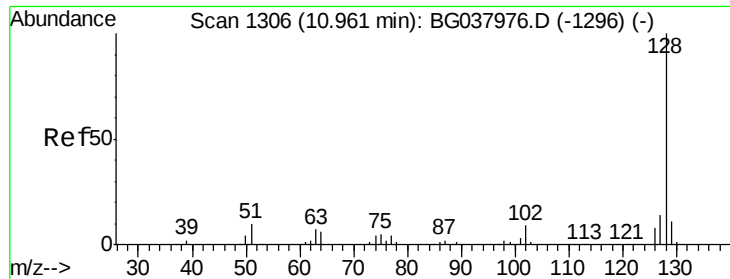
#30  
1,2,4-Trichlorobenzene  
Concen: 42.957 ng  
RT: 10.76 min Scan# 1272  
Delta R.T. -0.01 min  
Lab File: BG038073.D  
Acq: 19 Nov 2018 21:59

Tgt Ion:180 Resp: 144007  
Ion Ratio Lower Upper  
180 100  
182 94.7 77.7 116.5  
145 28.9 23.3 34.9



Abundance Ion 180.00 (179.70 to 180.70): E  
Ion 182.00 (181.70 to 182.70): E  
Ion 145.00 (144.70 to 145.70): E

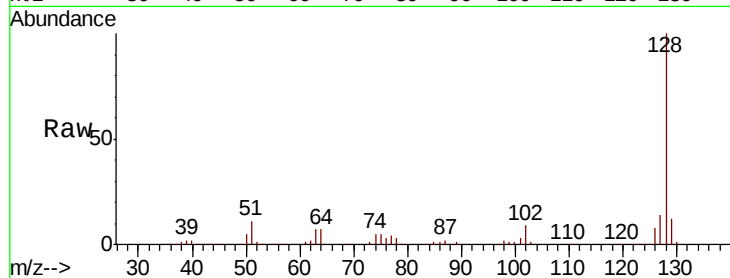




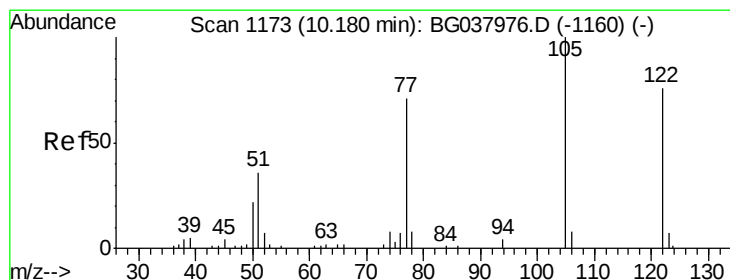
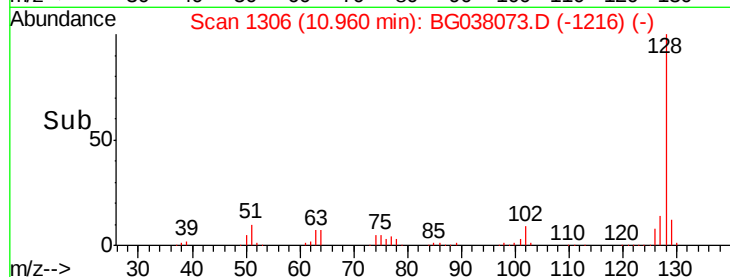
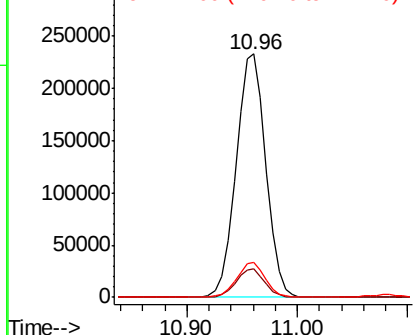
#31  
Naphthalene  
Concen: 48.044 ng  
RT: 10.96 min Scan# 1306  
Delta R.T. -0.00 min  
Lab File: BG038073.D  
Acq: 19 Nov 2018 21:59

Instrument :  
BNA\_G  
ClientSampleId :  
OWS-1MS

Tgt Ion:128 Resp: 437242  
Ion Ratio Lower Upper  
128 100  
129 11.7 9.0 13.6  
127 14.3 11.1 16.7

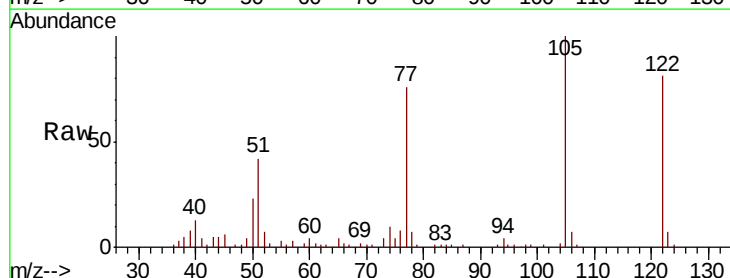


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

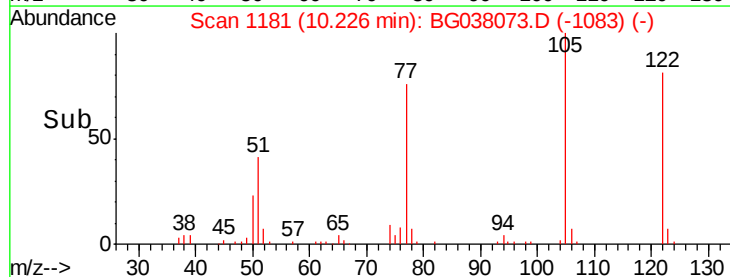
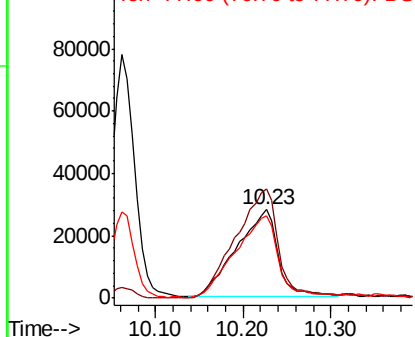


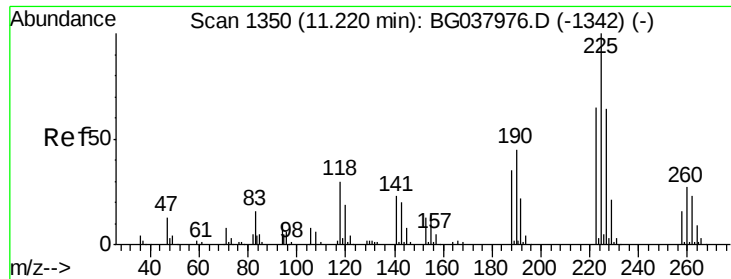
#32  
Benzoic acid  
Concen: 51.382 ng  
RT: 10.23 min Scan# 1181  
Delta R.T. 0.05 min  
Lab File: BG038073.D  
Acq: 19 Nov 2018 21:59

Tgt Ion:122 Resp: 89998  
Ion Ratio Lower Upper  
122 100  
105 123.8 106.7 146.7  
77 93.6 72.2 112.2



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): BG

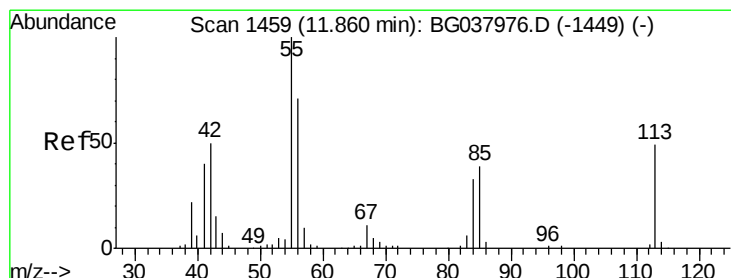
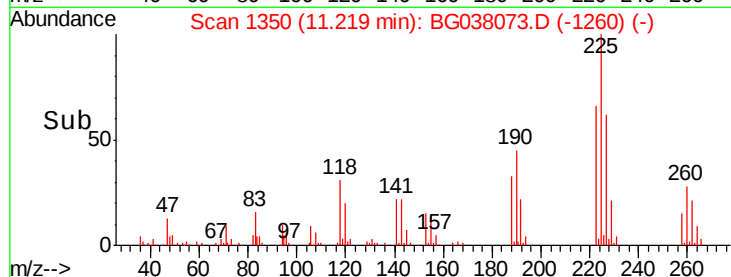
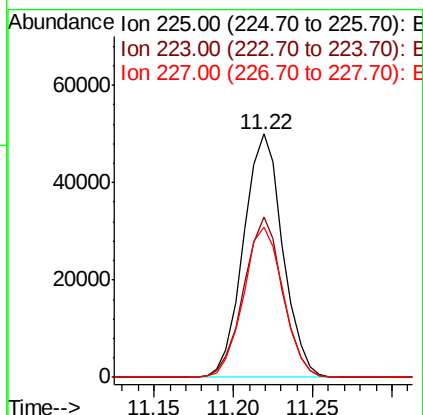
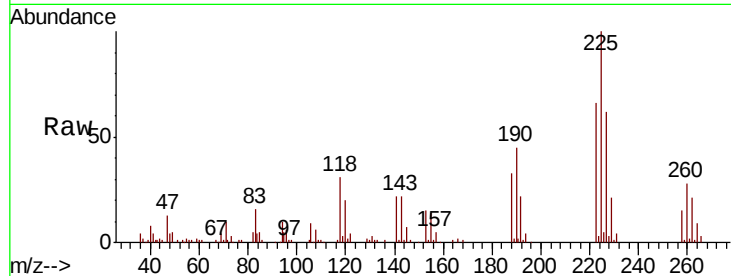




#34  
Hexachlorobutadiene  
Concen: 41.616 ng  
RT: 11.22 min Scan# 1350  
Delta R.T. -0.00 min  
Lab File: BG038073.D  
Acq: 19 Nov 2018 21:59

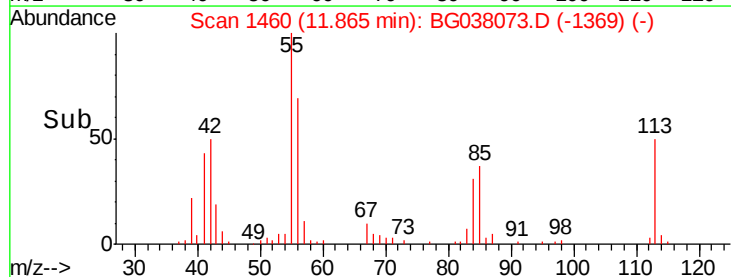
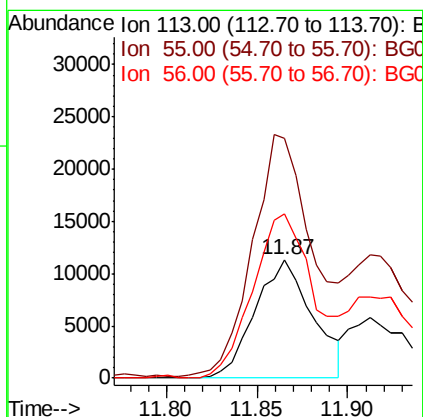
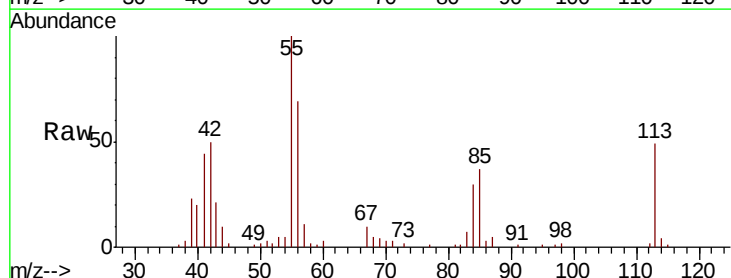
Instrument :  
BNA\_G  
ClientSampleId :  
OWS-1MS

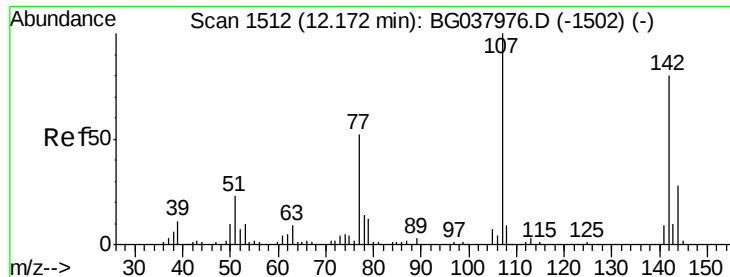
Tgt Ion: 225 Resp: 85862  
Ion Ratio Lower Upper  
225 100  
223 69.1 48.2 72.4  
227 64.7 51.6 77.4



#35  
Caprolactam  
Concen: 20.838 ng  
RT: 11.87 min Scan# 1460  
Delta R.T. 0.00 min  
Lab File: BG038073.D  
Acq: 19 Nov 2018 21:59

Tgt Ion: 113 Resp: 24952  
Ion Ratio Lower Upper  
113 100  
55 203.1 176.6 216.6  
56 139.4 128.3 168.3

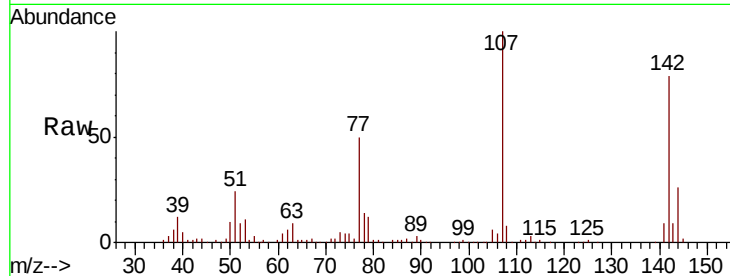




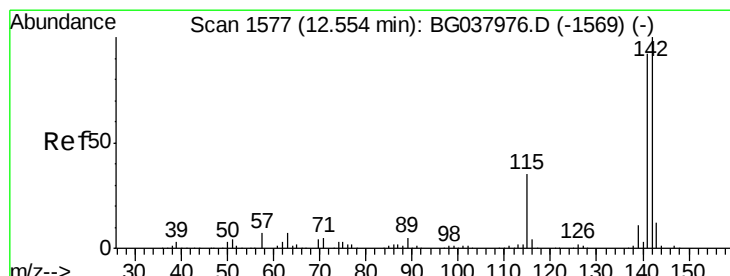
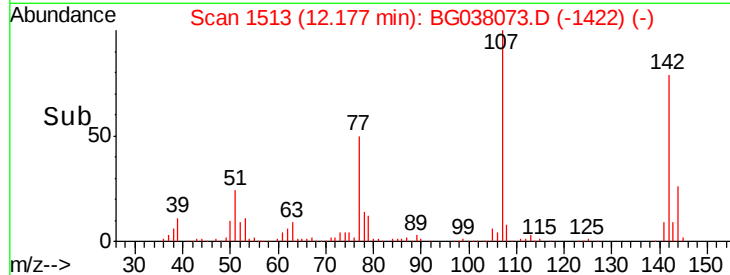
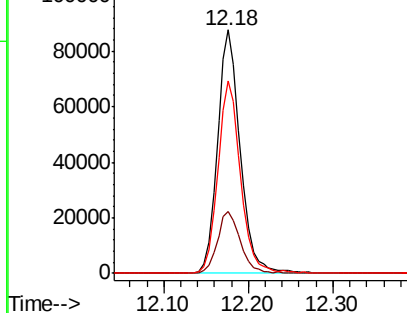
#36  
 4-Chloro-3-methylphenol  
 Concen: 50.104 ng  
 RT: 12.18 min Scan# 1513  
 Delta R.T. 0.00 min  
 Lab File: BG038073.D  
 Acq: 19 Nov 2018 21:59

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OWS-1MS

Tgt Ion:107 Resp: 163756  
 Ion Ratio Lower Upper  
 107 100  
 144 25.6 20.7 31.1  
 142 78.9 64.4 96.6

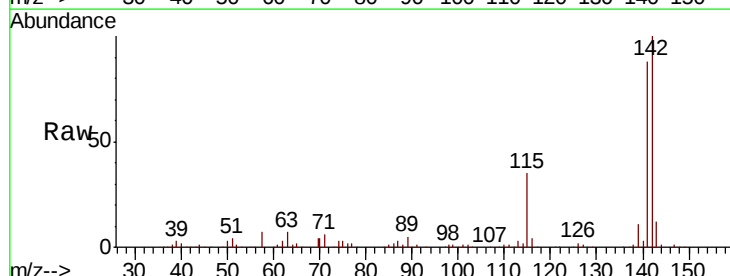


Abundance Ion 107.00 (106.70 to 107.70): E  
 120000 Ion 144.00 (143.70 to 144.70): E  
 100000 Ion 142.00 (141.70 to 142.70): E

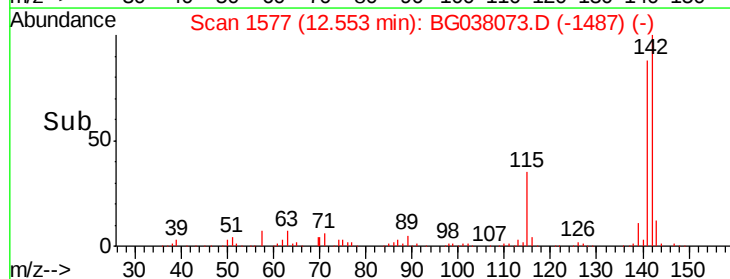
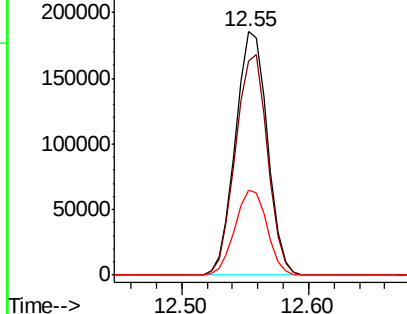


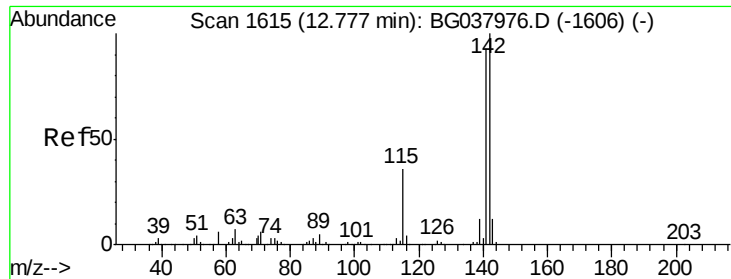
#37  
 2-Methylnaphthalene  
 Concen: 49.619 ng  
 RT: 12.55 min Scan# 1577  
 Delta R.T. -0.00 min  
 Lab File: BG038073.D  
 Acq: 19 Nov 2018 21:59

Tgt Ion:142 Resp: 324369  
 Ion Ratio Lower Upper  
 142 100  
 141 88.1 71.9 107.9  
 115 35.1 27.8 41.8



Abundance Ion 142.00 (141.70 to 142.70): E  
 250000 Ion 141.00 (140.70 to 141.70): E  
 200000 Ion 115.00 (114.70 to 115.70): E

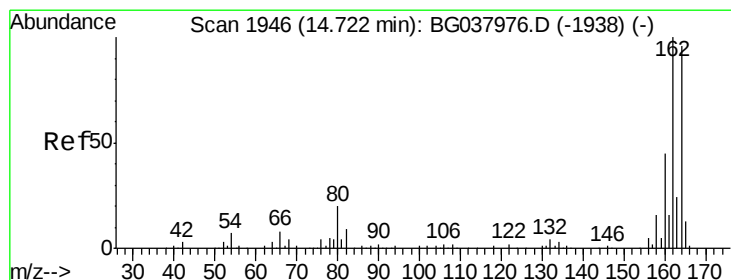
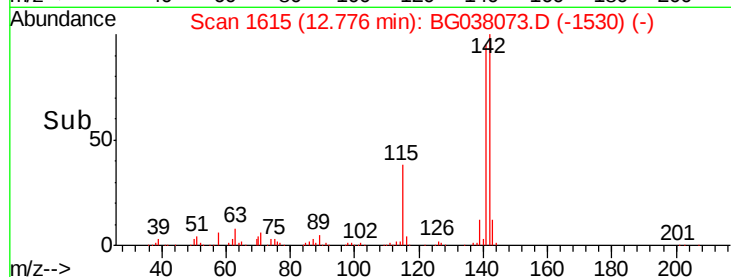
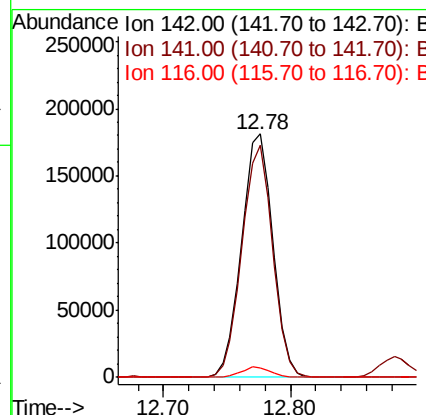
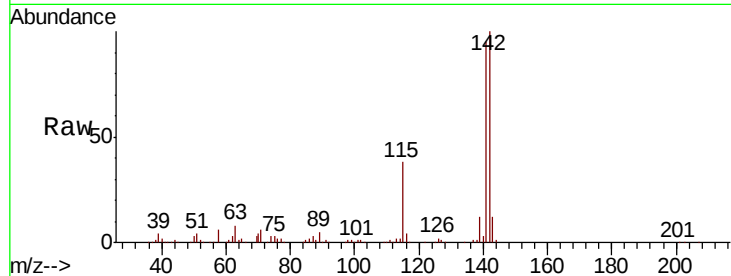




#38  
 1-Methylnaphthalene  
 Concen: 49.238 ng  
 RT: 12.78 min Scan# 1615  
 Delta R.T. -0.00 min  
 Lab File: BG038073.D  
 Acq: 19 Nov 2018 21:59

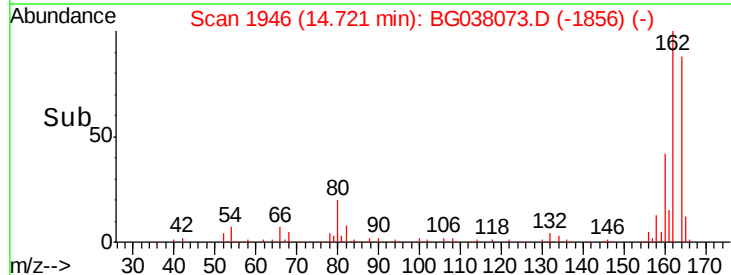
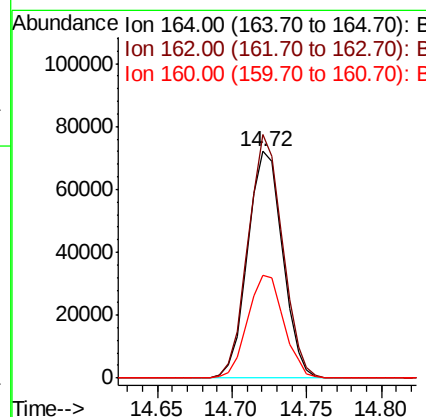
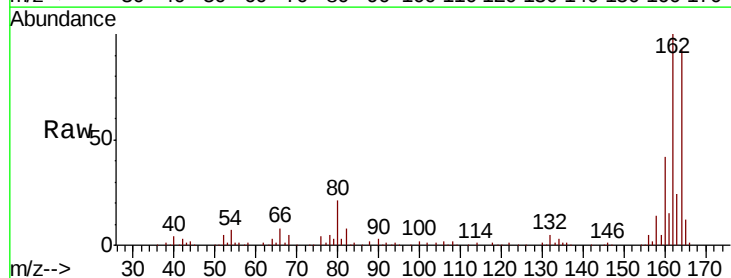
Instrument :  
 BNA\_G  
 ClientSampleId :  
 OWS-1MS

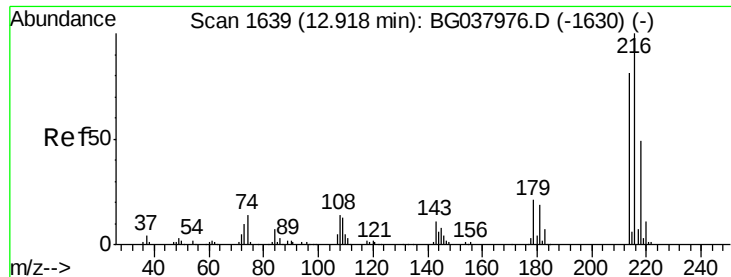
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 95.4  | 75.2  | 112.8 |
| 116     | 3.9   | 3.3   | 4.9   |



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.72 min Scan# 1946  
 Delta R.T. -0.00 min  
 Lab File: BG038073.D  
 Acq: 19 Nov 2018 21:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 107.5 | 81.3  | 121.9 |
| 160     | 45.2  | 36.3  | 54.5  |

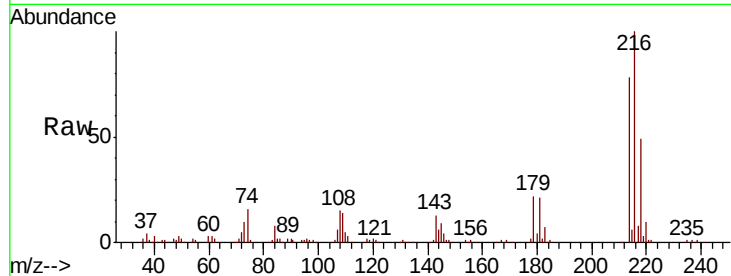




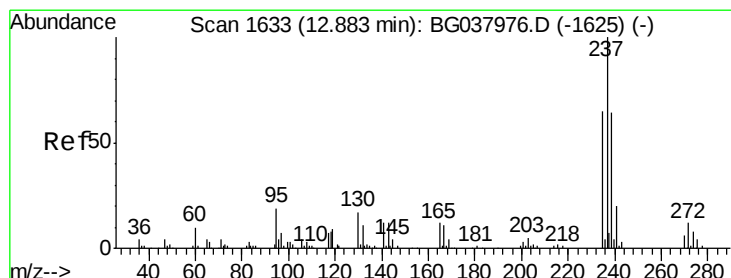
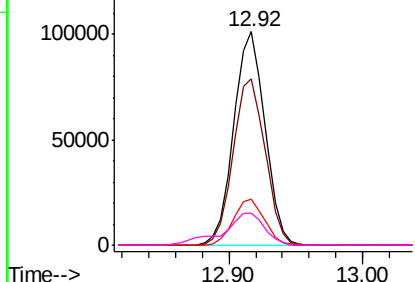
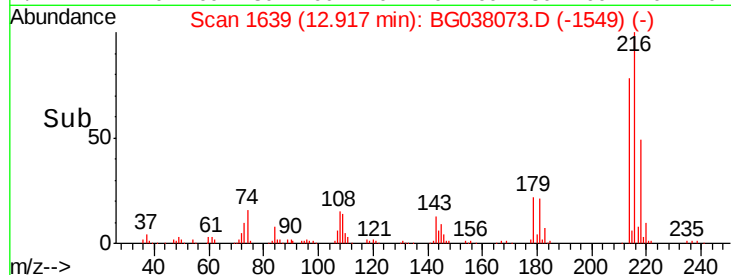
#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 42.279 ng  
RT: 12.92 min Scan# 1639  
Delta R.T. -0.00 min  
Lab File: BG038073.D  
Acq: 19 Nov 2018 21:59

Instrument :  
BNA\_G  
ClientSampleId :  
OWS-1MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 164545 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 79.7  | 63.8  | 95.6   |
| 179      | 21.4  | 17.4  | 26.0   |
| 108      | 19.7  | 13.9  | 20.9   |

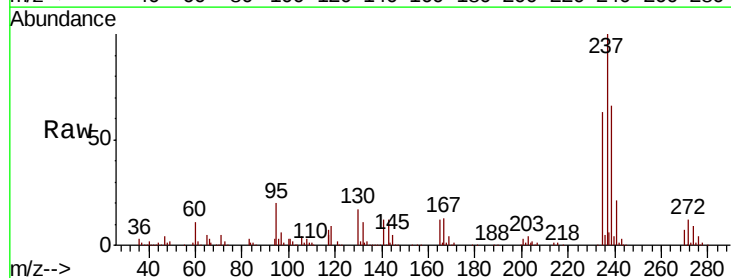


Abundance Ion 216.00 (215.70 to 216.70): E  
Ion 214.00 (213.70 to 214.70): E  
Ion 179.00 (178.70 to 179.70): E  
Ion 108.00 (107.70 to 108.70): E

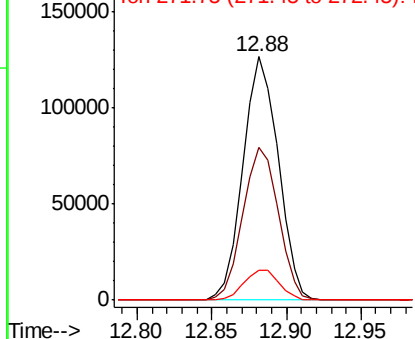
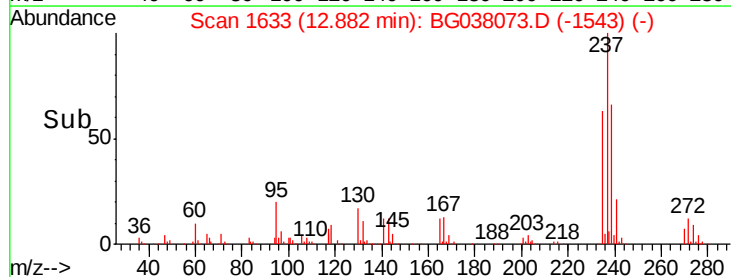


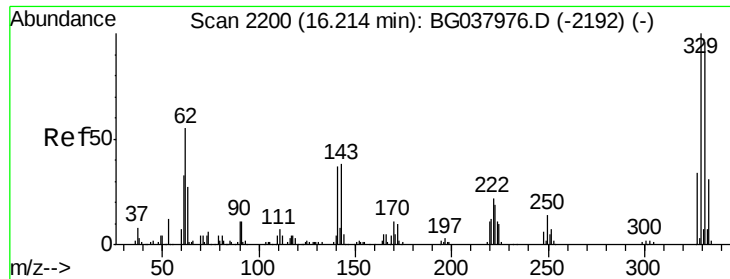
#41  
Hexachlorocyclopentadiene  
Concen: 99.241 ng  
RT: 12.88 min Scan# 1633  
Delta R.T. -0.00 min  
Lab File: BG038073.D  
Acq: 19 Nov 2018 21:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 206818 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 62.7  | 42.5  | 82.5   |
| 272      | 12.4  | 0.0   | 31.6   |



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

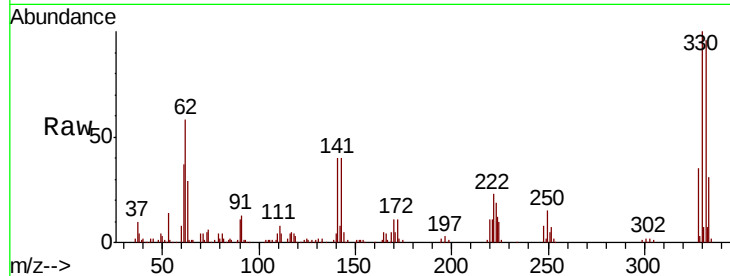




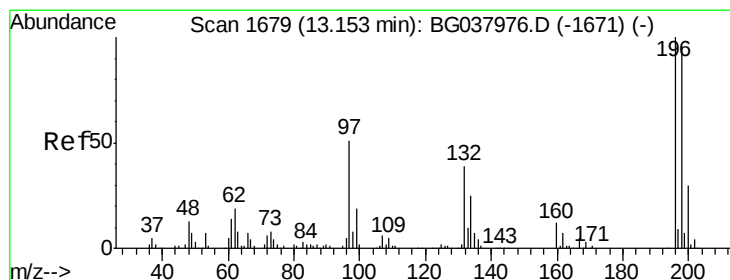
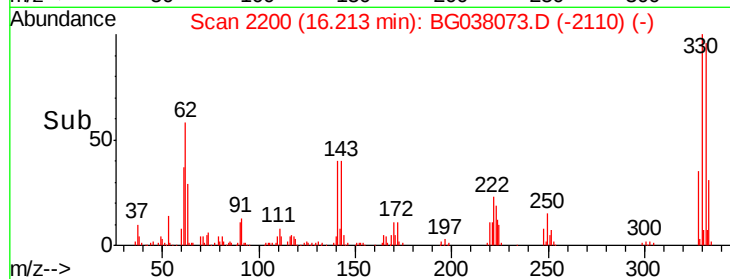
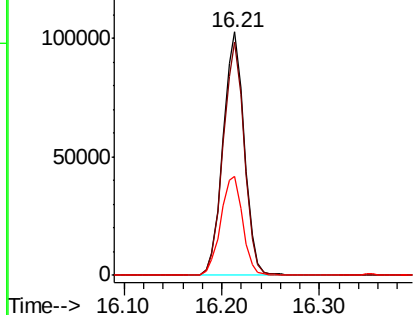
#42  
 2,4,6-Tribromophenol  
 Concen: 116.869 ng  
 RT: 16.21 min Scan# 2200  
 Delta R.T. -0.00 min  
 Lab File: BG038073.D  
 Acq: 19 Nov 2018 21:59

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OWS-1MS

Tgt Ion:330 Resp: 155237  
 Ion Ratio Lower Upper  
 330 100  
 332 95.3 78.4 117.6  
 141 41.9 32.2 48.2

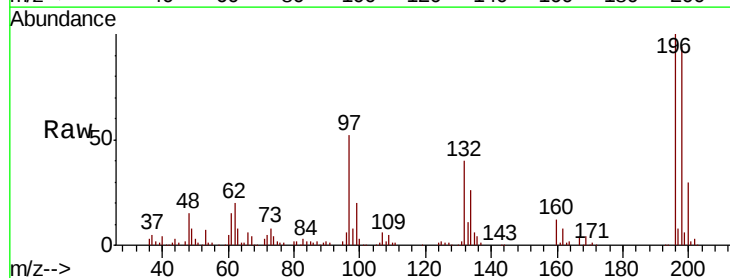


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

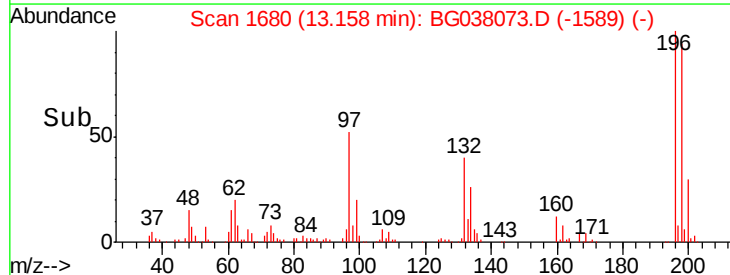
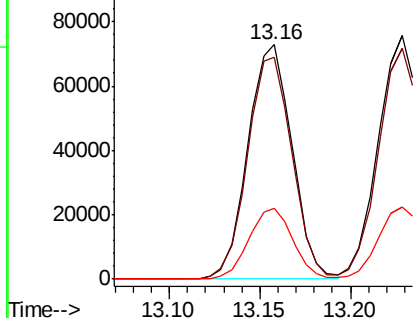


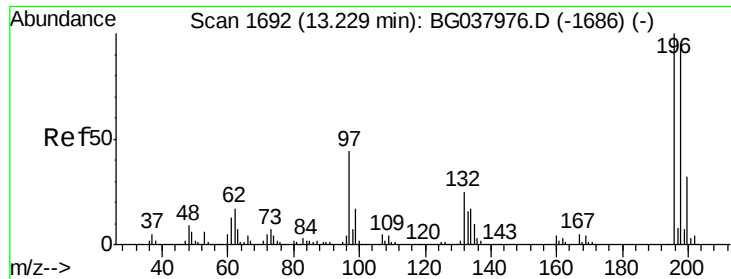
#43  
 2,4,6-Trichlorophenol  
 Concen: 46.368 ng  
 RT: 13.16 min Scan# 1680  
 Delta R.T. 0.00 min  
 Lab File: BG038073.D  
 Acq: 19 Nov 2018 21:59

Tgt Ion:196 Resp: 122970  
 Ion Ratio Lower Upper  
 196 100  
 198 94.5 76.4 114.6  
 200 30.0 24.9 37.3



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

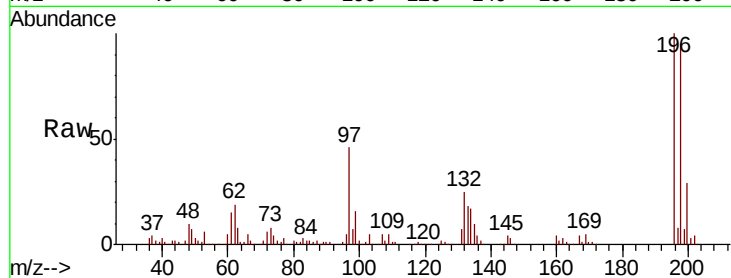




#44  
 2,4,5-Trichlorophenol  
 Concen: 47.029 ng  
 RT: 13.23 min Scan# 1692  
 Delta R.T. -0.00 min  
 Lab File: BG038073.D  
 Acq: 19 Nov 2018 21:59

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OWS-1MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 196   | Resp: | 131233 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 95.0  | 74.2  | 111.2  |
| 97       | 46.0  | 34.1  | 51.1   |
| 132      | 25.4  | 20.2  | 30.4   |



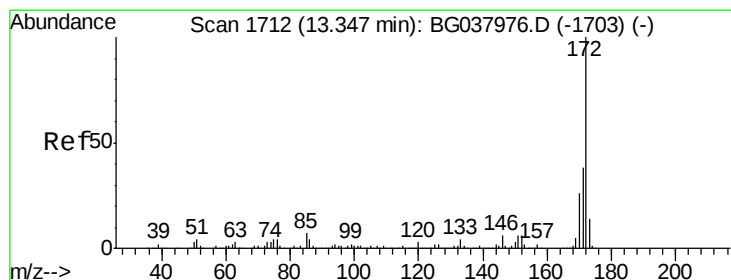
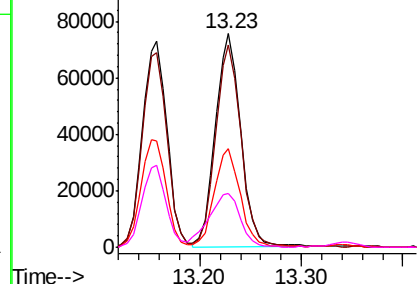
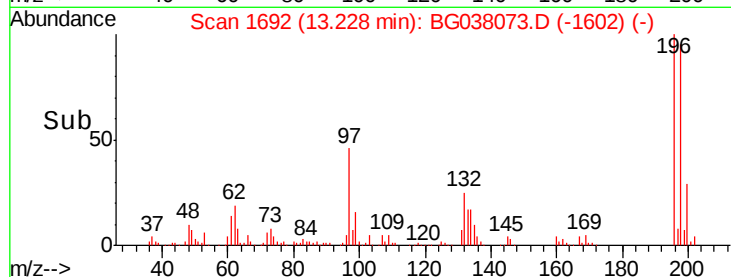
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

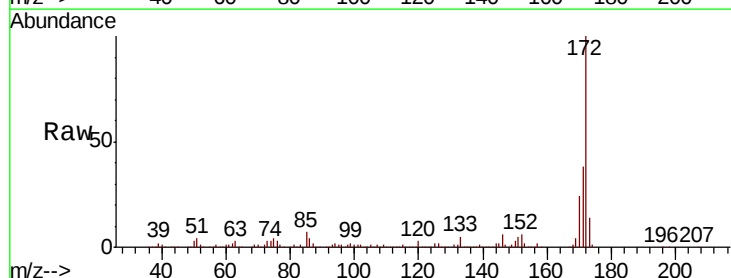
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#45  
 2-Fluorobiphenyl  
 Concen: 77.392 ng  
 RT: 13.35 min Scan# 1712  
 Delta R.T. -0.00 min  
 Lab File: BG038073.D  
 Acq: 19 Nov 2018 21:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 172   | Resp: | 618715 |
| Ion      | Ratio | Lower | Upper  |
| 172      | 100   |       |        |
| 171      | 38.0  | 31.0  | 46.4   |
| 170      | 24.0  | 20.2  | 30.2   |

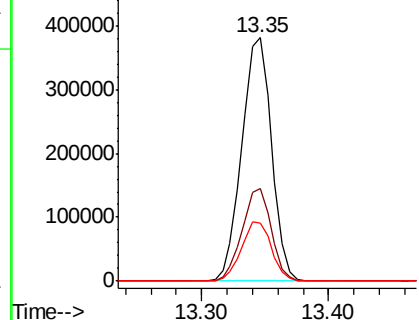
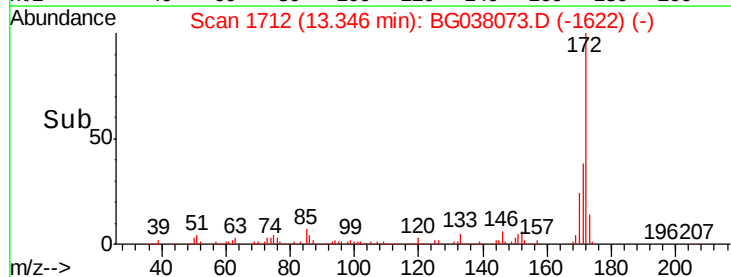


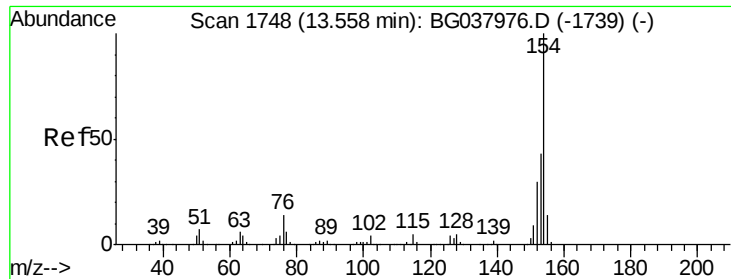
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

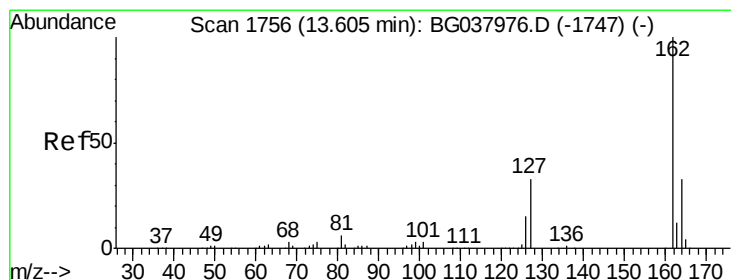
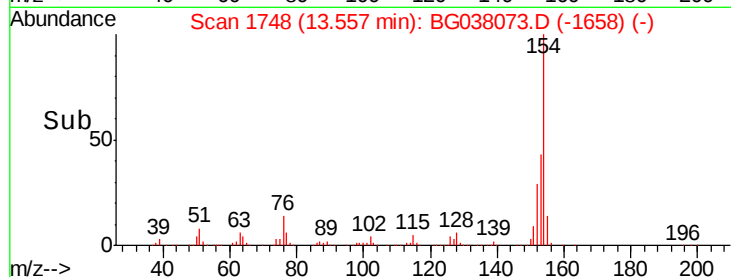
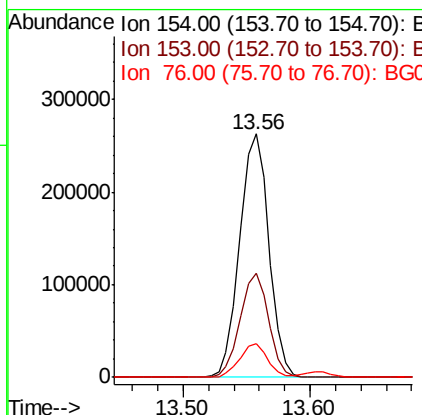
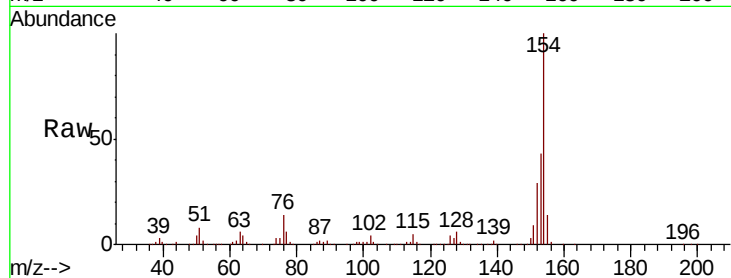




#46  
 1,1'-Biphenyl  
 Concen: 42.778 ng  
 RT: 13.56 min Scan# 1748  
 Delta R.T. -0.00 min  
 Lab File: BG038073.D  
 Acq: 19 Nov 2018 21:59

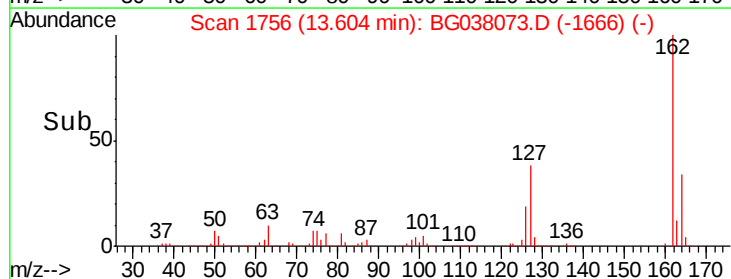
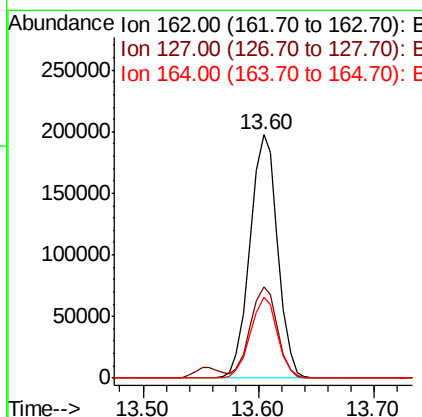
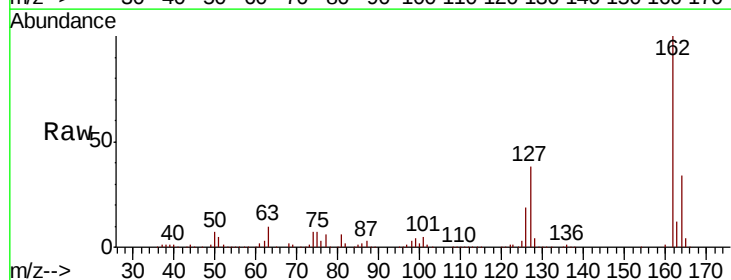
Instrument :  
 BNA\_G  
 ClientSampleId :  
 OWS-1MS

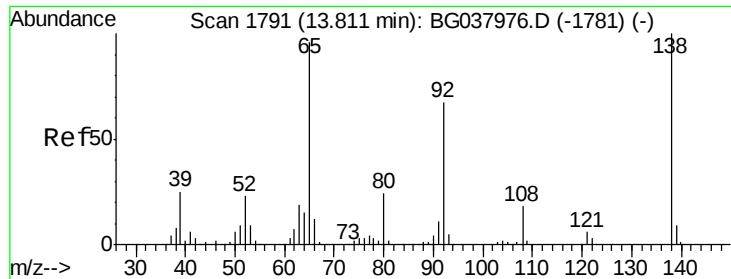
Tgt Ion:154 Resp: 418574  
 Ion Ratio Lower Upper  
 154 100  
 153 42.7 22.1 62.1  
 76 13.9 0.0 33.2



#47  
 2-Chloronaphthalene  
 Concen: 44.122 ng  
 RT: 13.60 min Scan# 1756  
 Delta R.T. -0.00 min  
 Lab File: BG038073.D  
 Acq: 19 Nov 2018 21:59

Tgt Ion:162 Resp: 329438  
 Ion Ratio Lower Upper  
 162 100  
 127 37.6 30.5 45.7  
 164 33.5 26.4 39.6

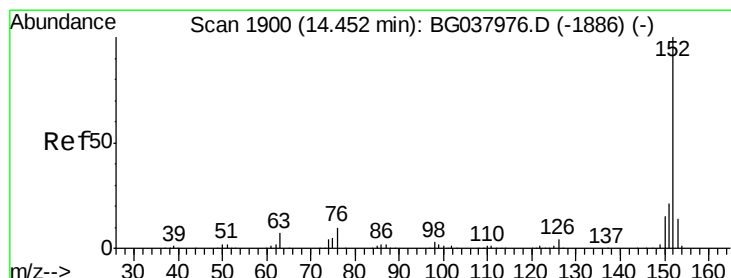
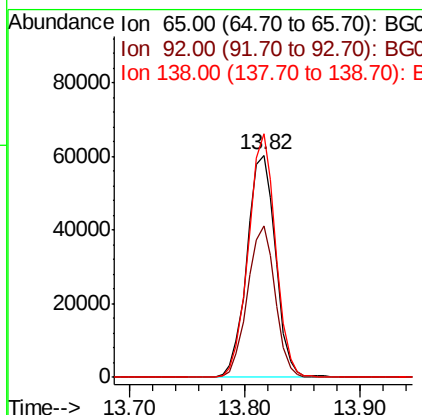
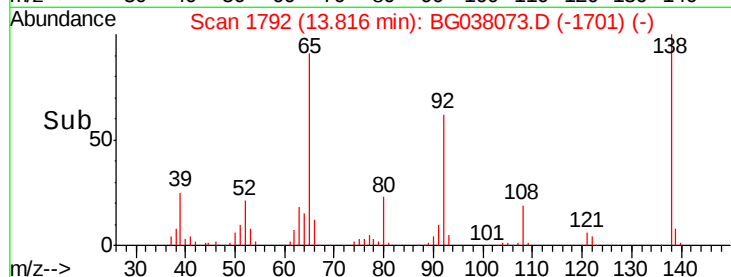
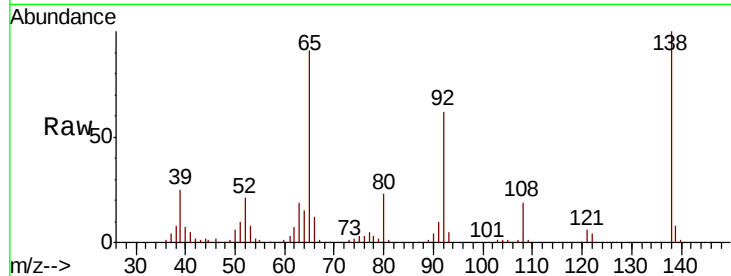




#48  
 2-Nitroaniline  
 Concen: 44.191 ng  
 RT: 13.82 min Scan# 1792  
 Delta R.T. 0.00 min  
 Lab File: BG038073.D  
 Acq: 19 Nov 2018 21:59

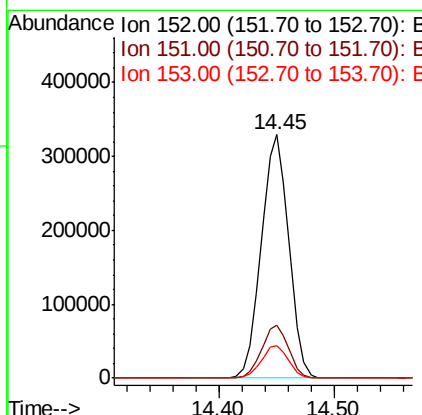
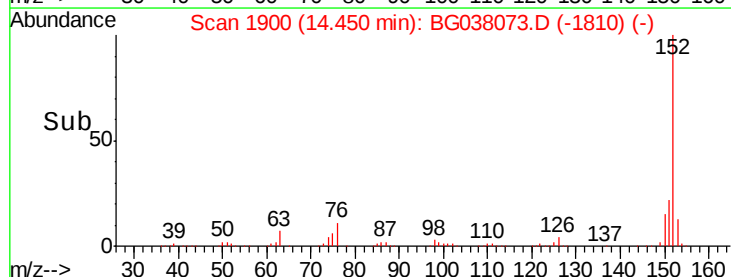
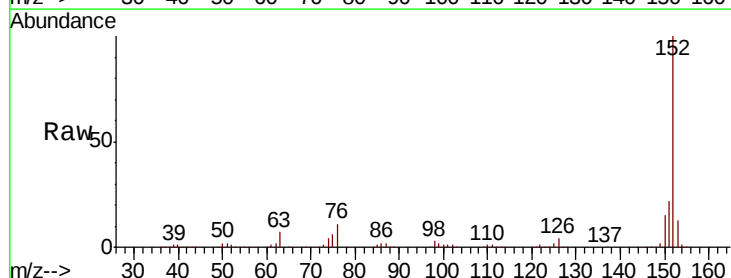
Instrument :  
 BNA\_G  
 ClientSampleId :  
 OWS-1MS

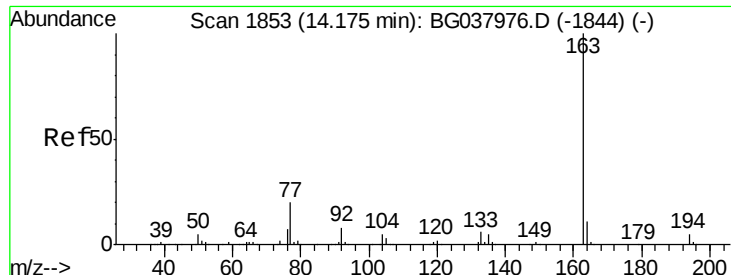
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 103845 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 92       | 68.5  | 53.2  | 79.8   |
| 138      | 109.7 | 79.3  | 118.9  |



#49  
 Acenaphthylene  
 Concen: 48.548 ng  
 RT: 14.45 min Scan# 1900  
 Delta R.T. -0.00 min  
 Lab File: BG038073.D  
 Acq: 19 Nov 2018 21:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 545105 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 151      | 21.6  | 17.1  | 25.7   |
| 153      | 13.4  | 11.1  | 16.7   |





#50

Dimethylphthalate

Concen: 48.804 ng

RT: 14.17 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BG038073.D

Acq: 19 Nov 2018 21:59

Instrument :

BNA\_G

ClientSampleId :

OVS-1MS

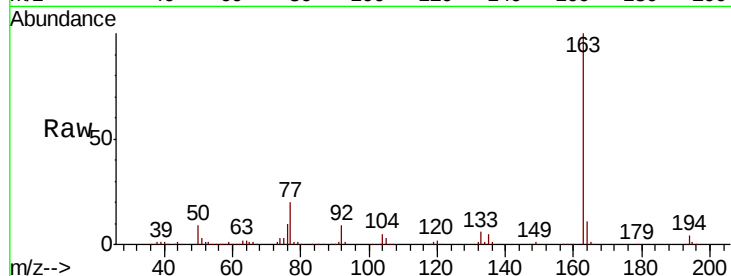
Tgt Ion:163 Resp: 450625

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

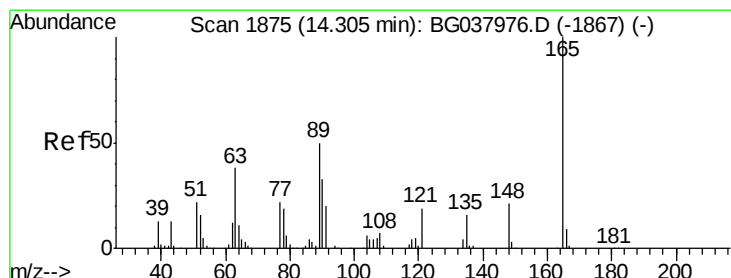
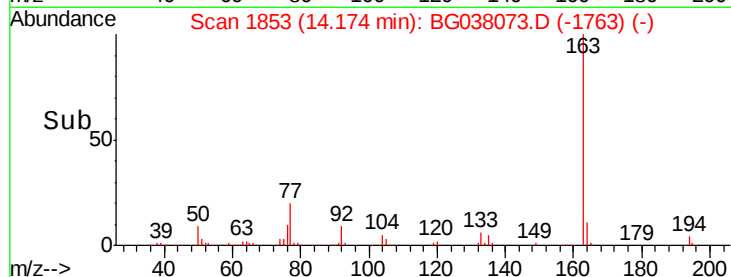
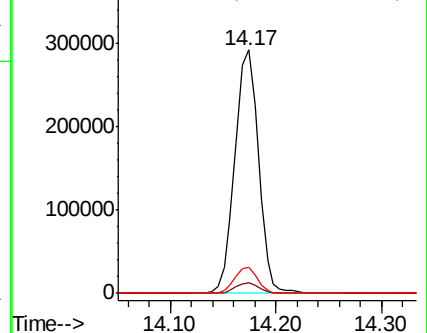
164 10.6 8.5 12.7



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



#51

2,6-Dinitrotoluene

Concen: 46.824 ng

RT: 14.30 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG038073.D

Acq: 19 Nov 2018 21:59

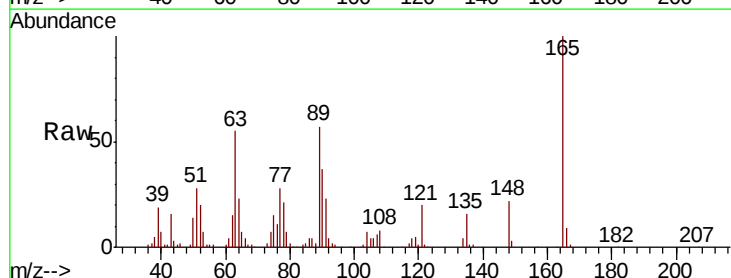
Tgt Ion:165 Resp: 97851

Ion Ratio Lower Upper

165 100

63 55.3 43.4 65.2

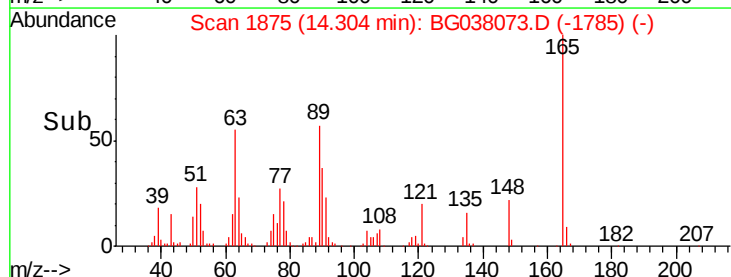
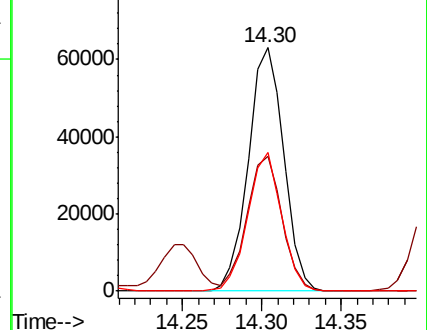
89 57.0 45.8 68.6

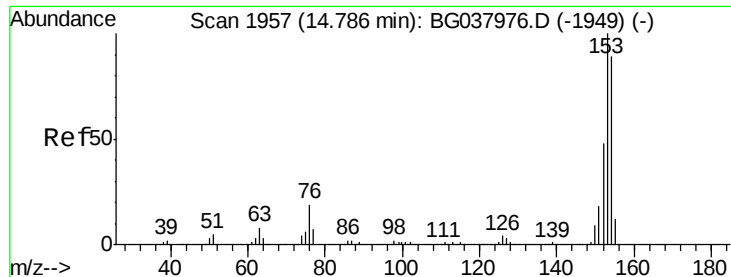


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 47.260 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BG038073.D

Acq: 19 Nov 2018 21:59

Instrument :

BNA\_G

ClientSampleId :

OWS-1MS

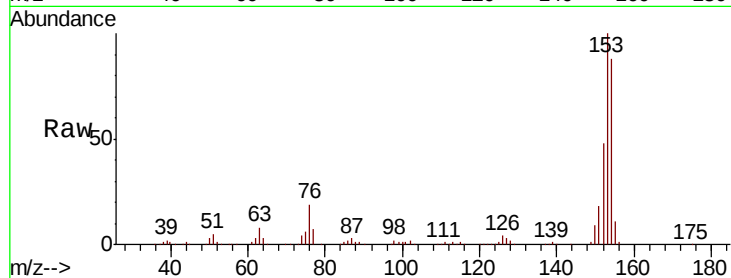
Tgt Ion:154 Resp: 319457

Ion Ratio Lower Upper

154 100

153 114.2 93.4 140.0

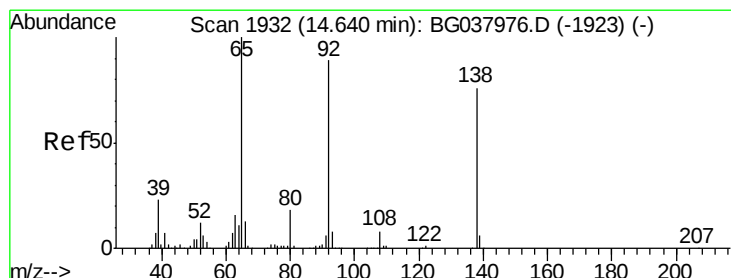
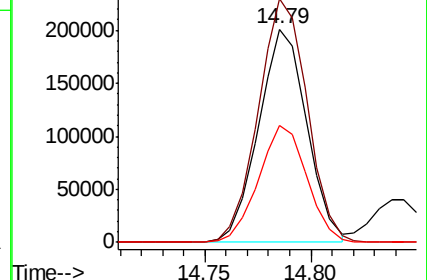
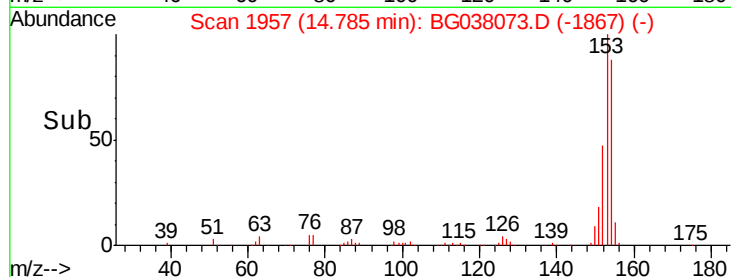
152 54.6 44.7 67.1



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



#53

3-Nitroaniline

Concen: 3.843 ng

RT: 14.64 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BG038073.D

Acq: 19 Nov 2018 21:59

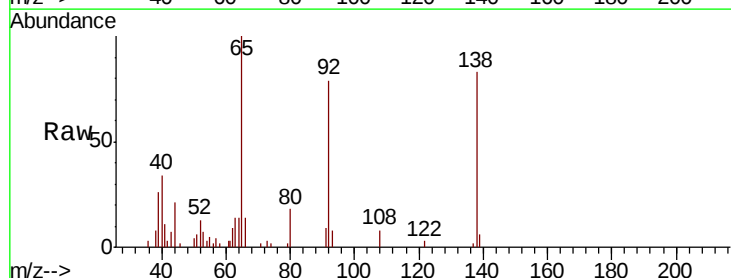
Tgt Ion:138 Resp: 8862

Ion Ratio Lower Upper

138 100

108 9.8 11.0 16.6#

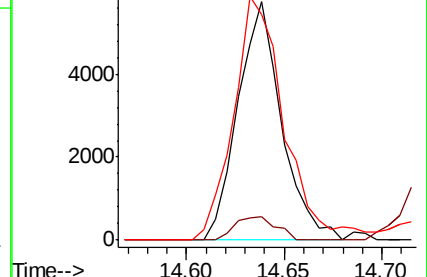
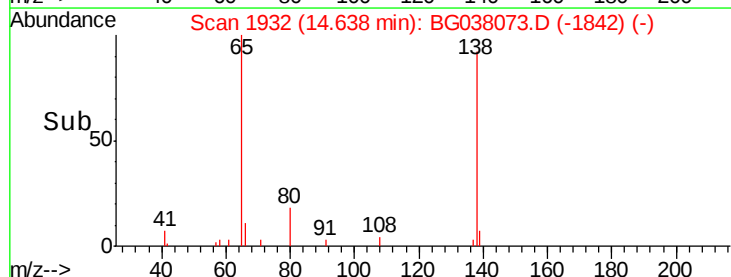
92 94.5 95.2 142.8#

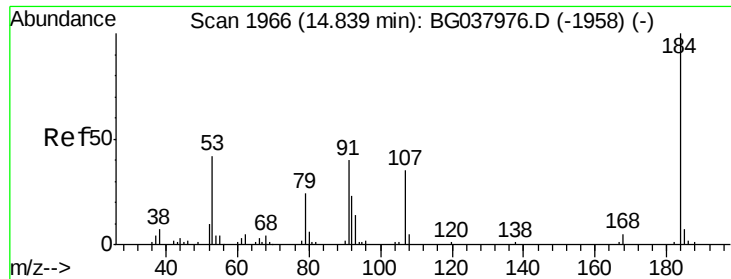


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

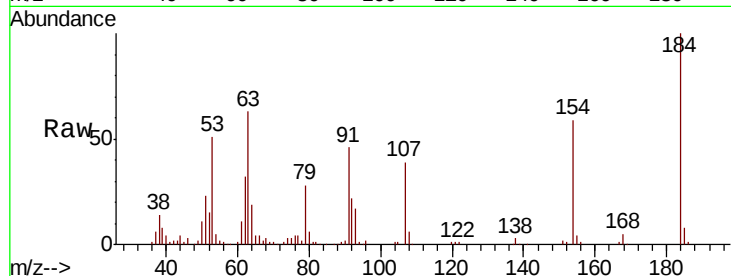




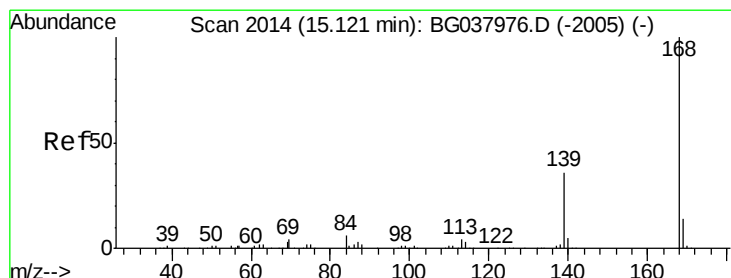
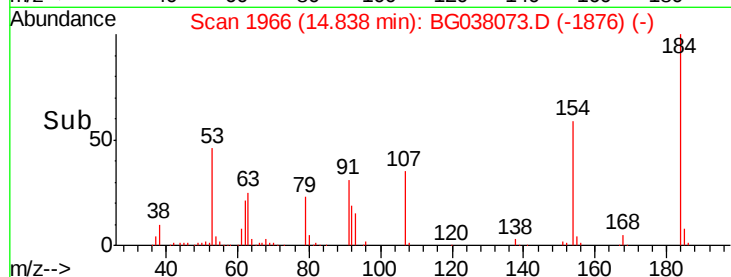
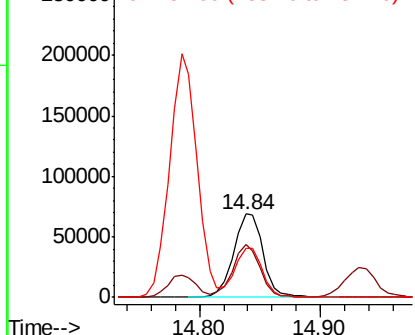
#54  
 2,4-Dinitrophenol  
 Concen: 100.549 ng  
 RT: 14.84 min Scan# 1966  
 Delta R.T. -0.00 min  
 Lab File: BG038073.D  
 Acq: 19 Nov 2018 21:59

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OWS-1MS

Tgt Ion:184 Resp: 116447  
 Ion Ratio Lower Upper  
 184 100  
 63 63.1 42.6 63.8  
 154 58.9 41.8 62.6

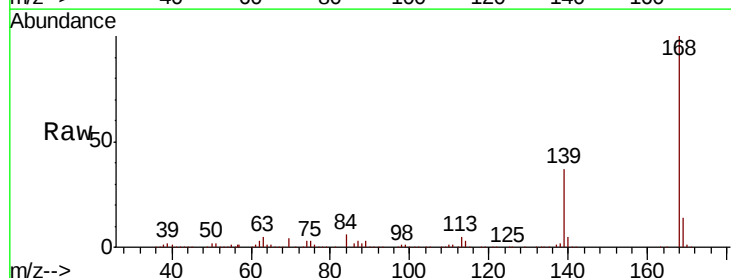


Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 154.00 (153.70 to 154.70): E

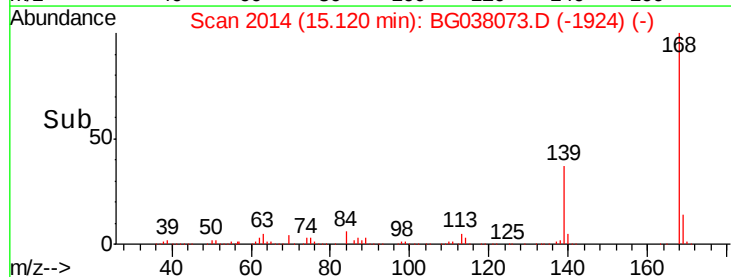
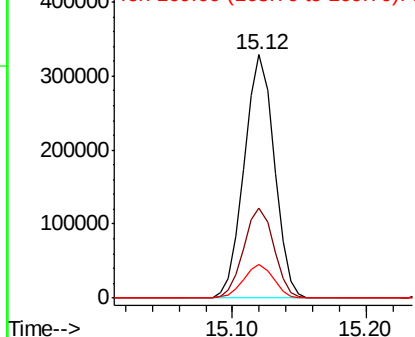


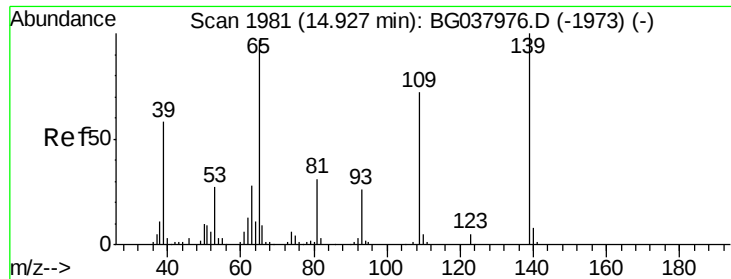
#55  
 Dibenzofuran  
 Concen: 45.807 ng  
 RT: 15.12 min Scan# 2014  
 Delta R.T. -0.00 min  
 Lab File: BG038073.D  
 Acq: 19 Nov 2018 21:59

Tgt Ion:168 Resp: 511992  
 Ion Ratio Lower Upper  
 168 100  
 139 37.1 29.4 44.0  
 169 13.9 11.0 16.6



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

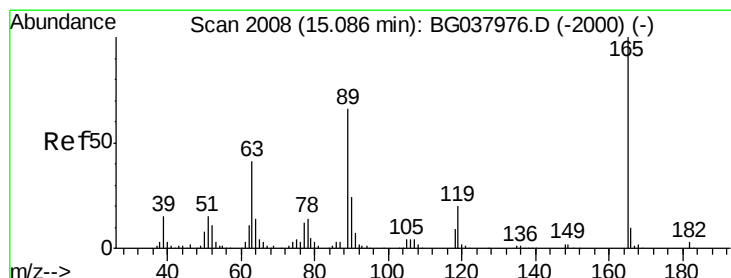
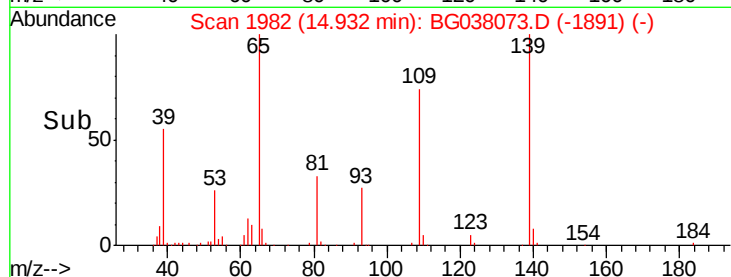
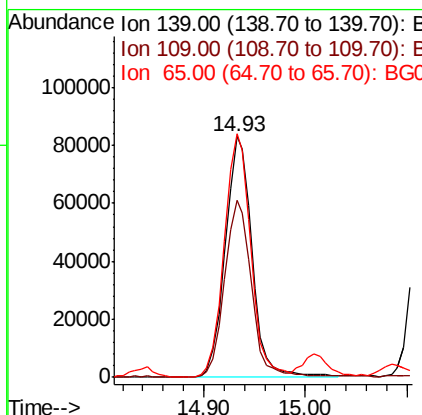
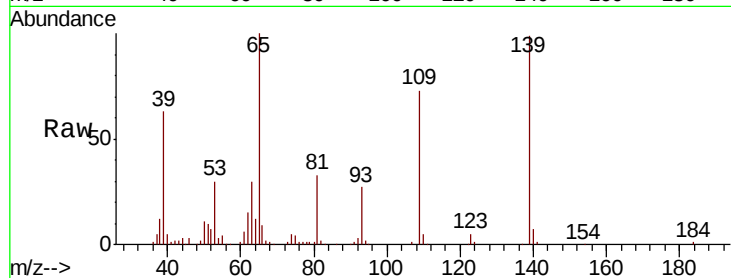




#56  
4-Nitrophenol  
Concen: 85.511 ng  
RT: 14.93 min Scan# 1982  
Delta R.T. 0.00 min  
Lab File: BG038073.D  
Acq: 19 Nov 2018 21:59

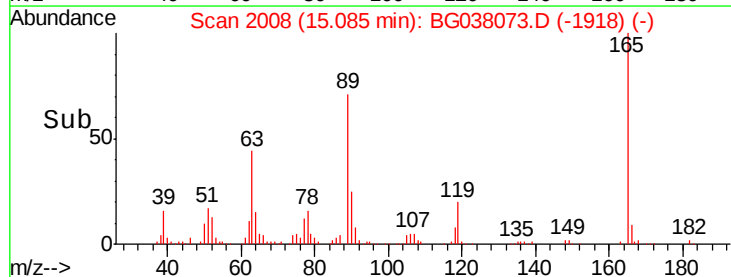
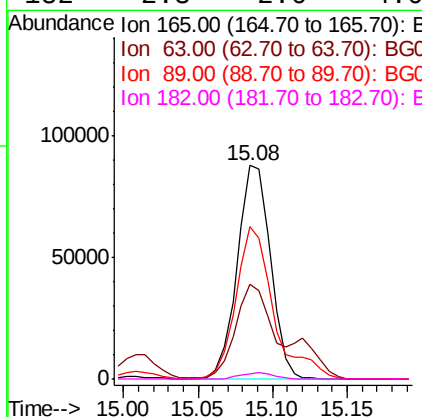
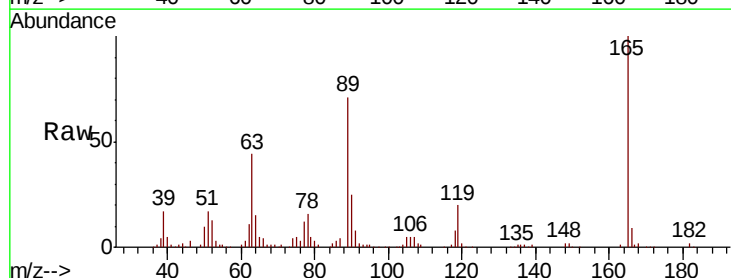
Instrument :  
BNA\_G  
ClientSampleId :  
OWS-1MS

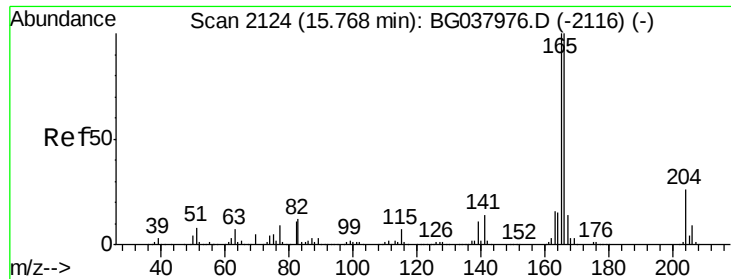
Tgt Ion:139 Resp: 152081  
Ion Ratio Lower Upper  
139 100  
109 73.7 49.5 89.5  
65 101.2 76.8 116.8



#57  
2,4-Dinitrotoluene  
Concen: 47.833 ng  
RT: 15.08 min Scan# 2008  
Delta R.T. -0.00 min  
Lab File: BG038073.D  
Acq: 19 Nov 2018 21:59

Tgt Ion:165 Resp: 136005  
Ion Ratio Lower Upper  
165 100  
63 44.1 33.4 50.0  
89 71.2 57.2 85.8  
182 2.3 2.6 4.0#





#58

Fluorene

Concen: 49.119 ng

RT: 15.77 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BG038073.D

Acq: 19 Nov 2018 21:59

Instrument :

BNA\_G

ClientSampleId :

OWS-1MS

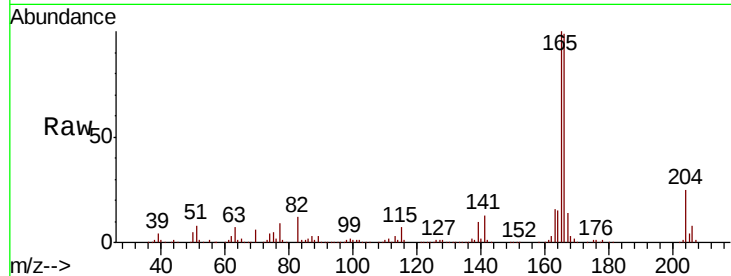
Tgt Ion:166 Resp: 409631

Ion Ratio Lower Upper

166 100

165 100.6 79.0 118.6

167 14.5 11.3 16.9

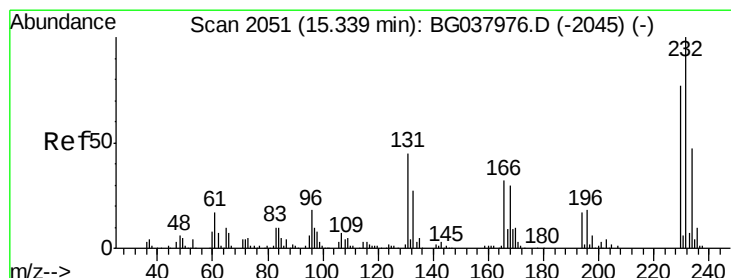
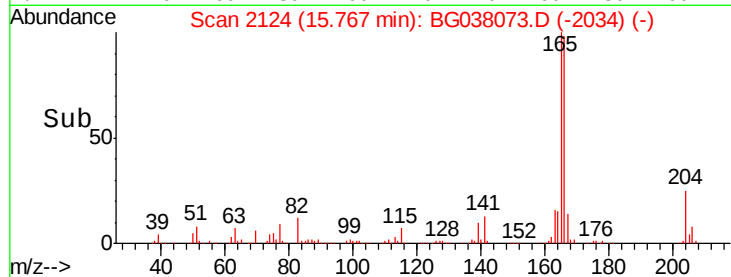
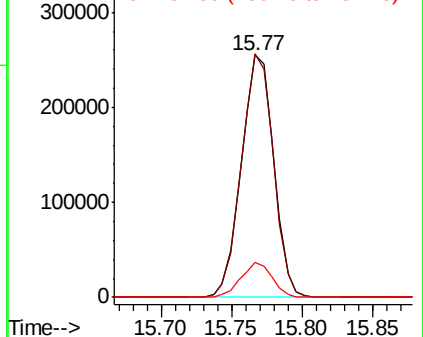


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 49.005 ng

RT: 15.34 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BG038073.D

Acq: 19 Nov 2018 21:59

Tgt Ion:232 Resp: 114424

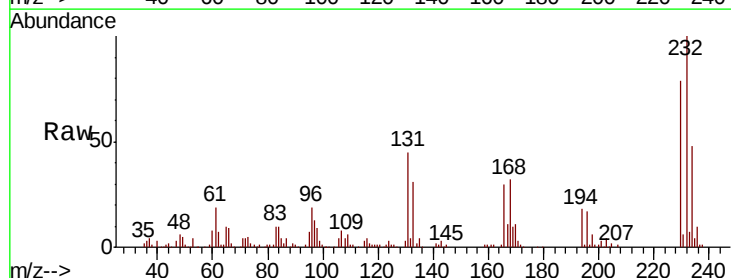
Ion Ratio Lower Upper

232 100

131 43.7 33.7 50.5

130 2.6 2.1 3.1

166 31.3 24.6 36.8



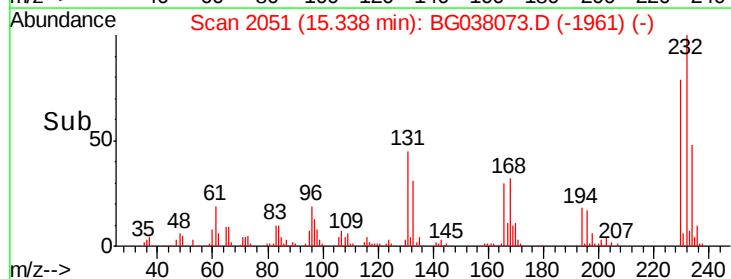
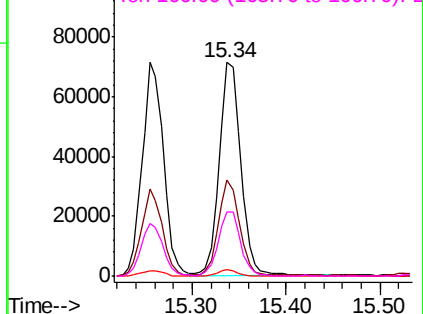
Abundance

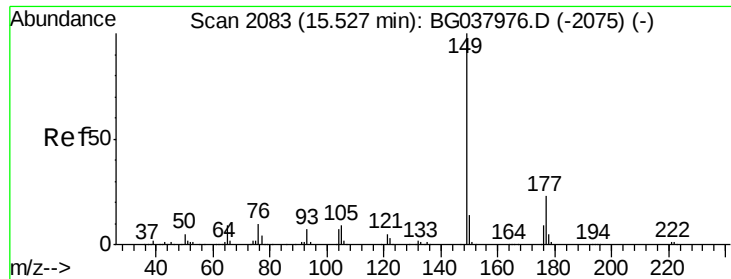
Ion 232.00 (231.70 to 232.70): E

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

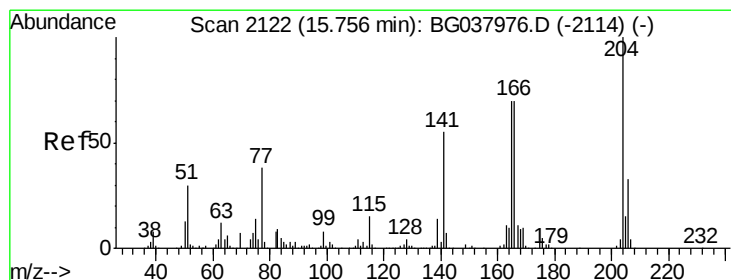
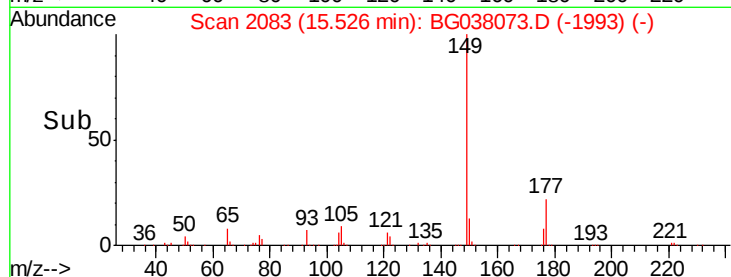
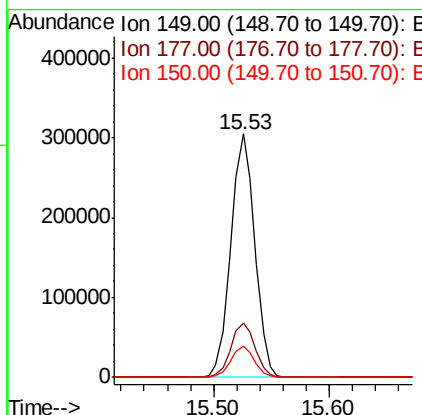
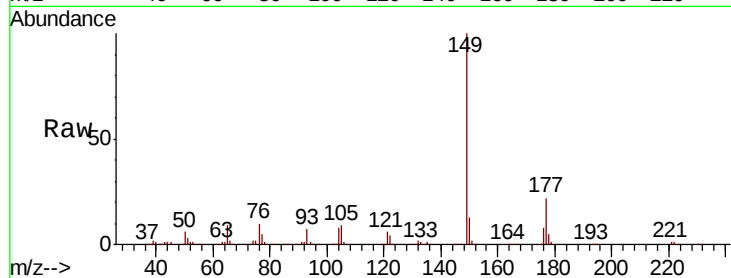




#60  
Diethylphthalate  
Concen: 44.488 ng  
RT: 15.53 min Scan# 2083  
Delta R.T. -0.00 min  
Lab File: BG038073.D  
Acq: 19 Nov 2018 21:59

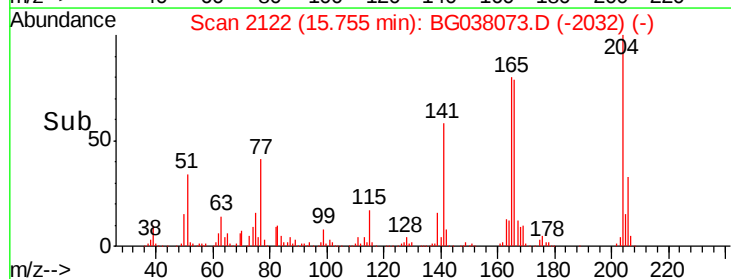
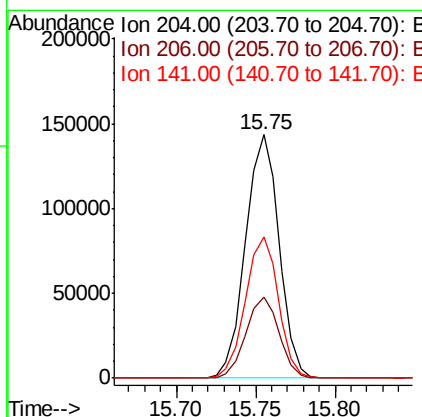
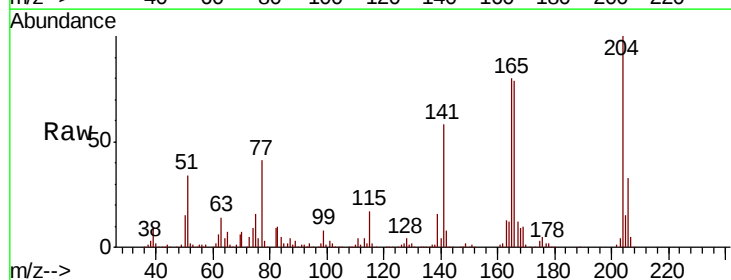
Instrument :  
BNA\_G  
ClientSampleId :  
OWS-1MS

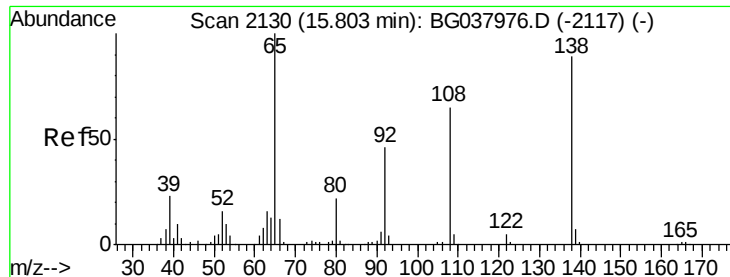
Tgt Ion:149 Resp: 436301  
Ion Ratio Lower Upper  
149 100  
177 22.4 18.3 27.5  
150 13.0 10.0 15.0



#61  
4-Chlorophenyl-phenylether  
Concen: 43.325 ng  
RT: 15.75 min Scan# 2122  
Delta R.T. -0.00 min  
Lab File: BG038073.D  
Acq: 19 Nov 2018 21:59

Tgt Ion:204 Resp: 211414  
Ion Ratio Lower Upper  
204 100  
206 33.5 26.6 39.8  
141 57.9 45.4 68.2

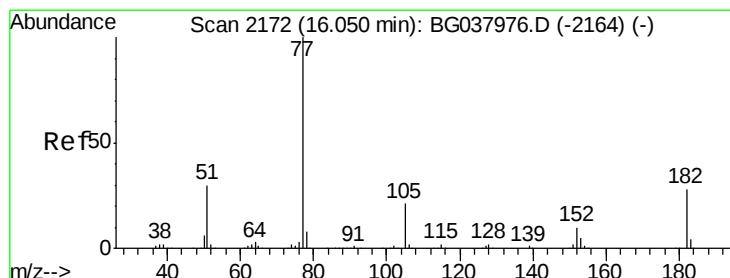
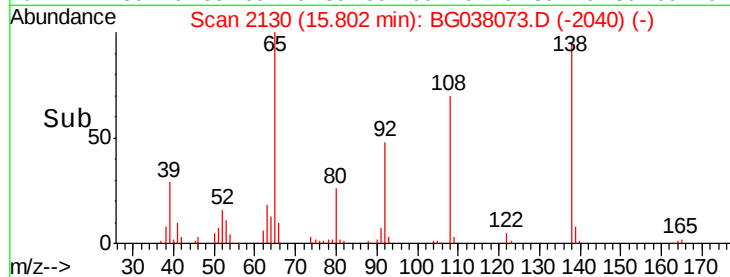
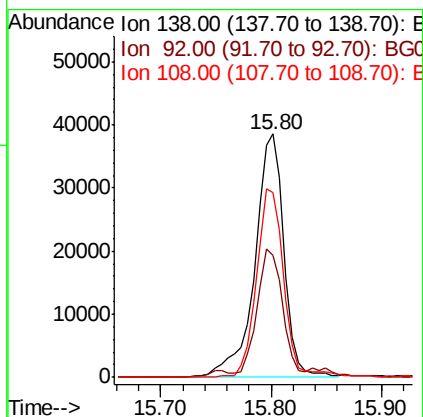
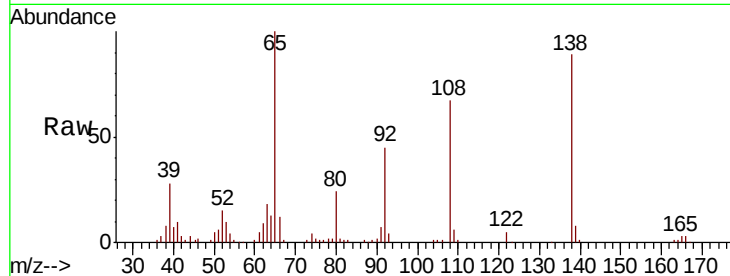




#62  
4-Nitroaniline  
Concen: 31.091 ng  
RT: 15.80 min Scan# 2130  
Delta R.T. -0.00 min  
Lab File: BG038073.D  
Acq: 19 Nov 2018 21:59

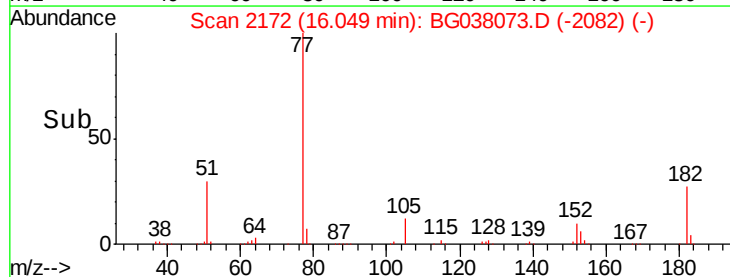
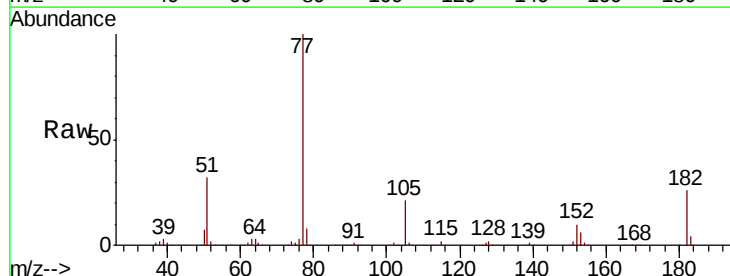
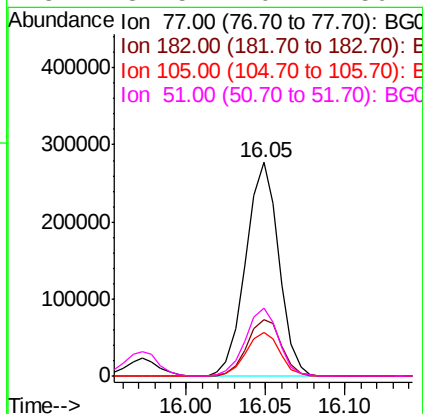
Instrument :  
BNA\_G  
ClientSampled :  
OWS-1MS

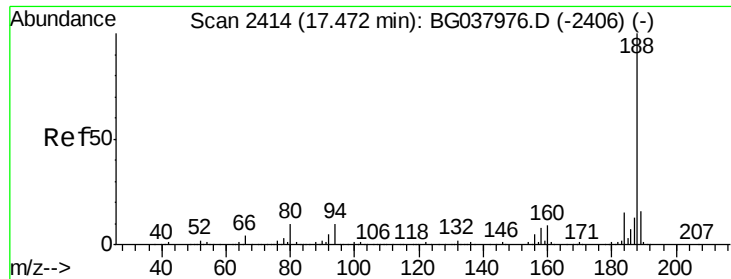
Tgt Ion:138 Resp: 71221  
Ion Ratio Lower Upper  
138 100  
92 50.3 36.4 76.4  
108 75.6 60.1 100.1



#63  
Azobenzene  
Concen: 45.718 ng  
RT: 16.05 min Scan# 2172  
Delta R.T. -0.00 min  
Lab File: BG038073.D  
Acq: 19 Nov 2018 21:59

Tgt Ion: 77 Resp: 400889  
Ion Ratio Lower Upper  
77 100  
182 26.2 8.0 48.0  
105 20.7 1.3 41.3  
51 31.5 10.7 50.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BG038073.D

Acq: 19 Nov 2018 21:59

Instrument :

BNA\_G

ClientSampleId :

OWS-1MS

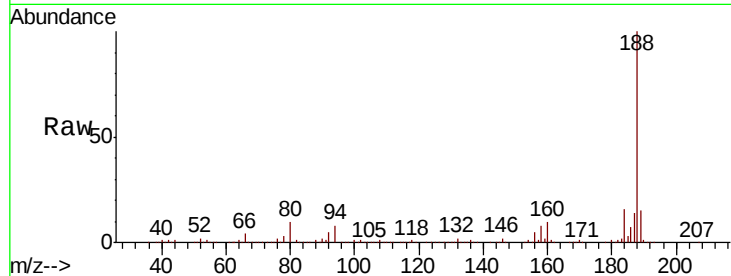
Tgt Ion:188 Resp: 260919

Ion Ratio Lower Upper

188 100

94 8.2 7.2 10.8

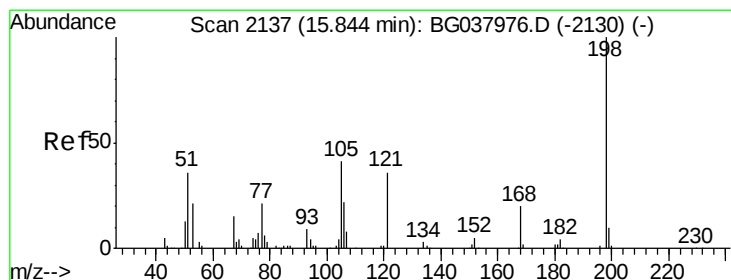
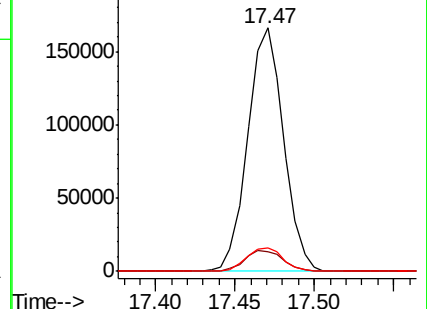
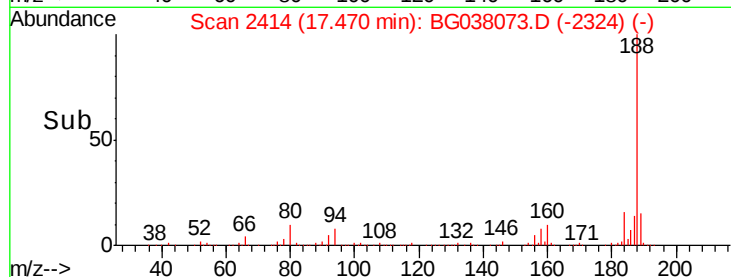
80 9.9 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#65

4,6-Dinitro-2-methylphenol

Concen: 47.111 ng

RT: 15.84 min Scan# 2137

Delta R.T. -0.00 min

Lab File: BG038073.D

Acq: 19 Nov 2018 21:59

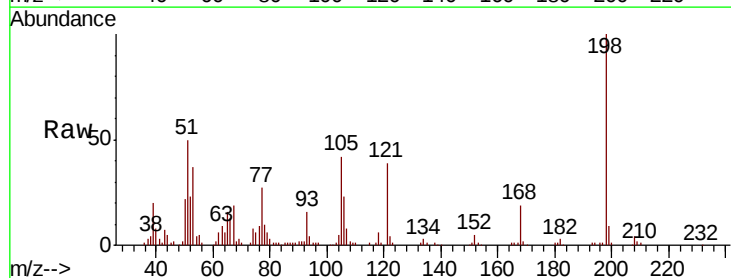
Tgt Ion:198 Resp: 77748

Ion Ratio Lower Upper

198 100

51 49.8 22.7 62.7

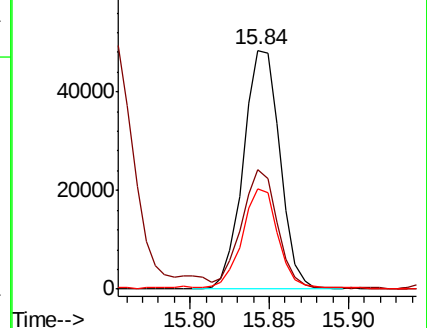
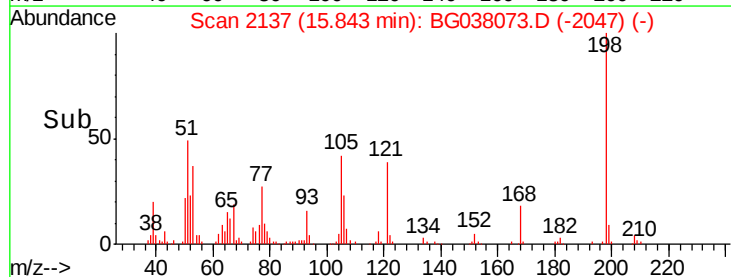
105 41.7 19.7 59.7

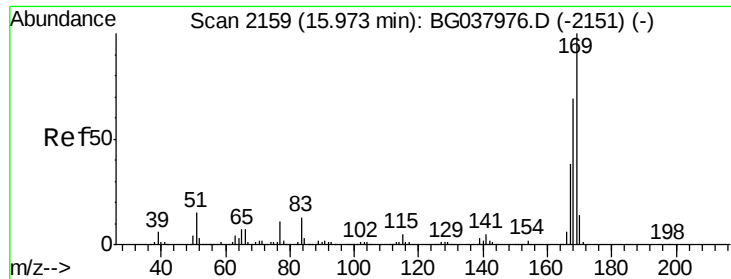


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

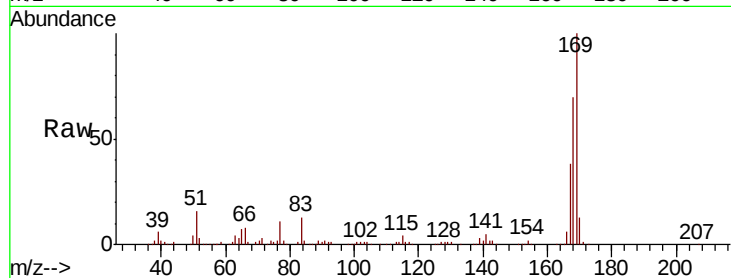




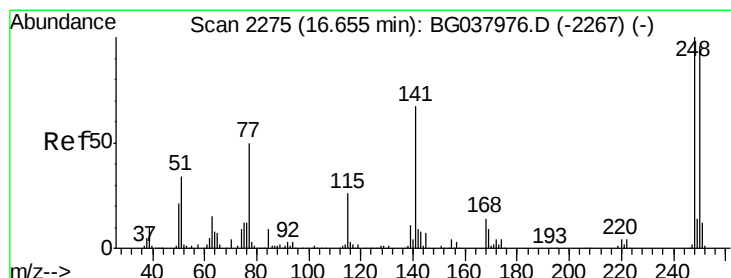
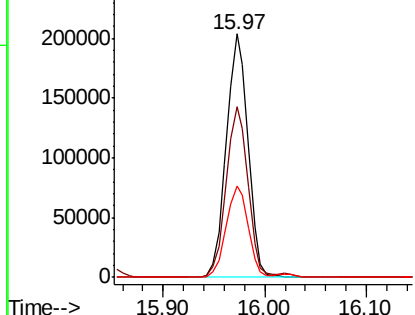
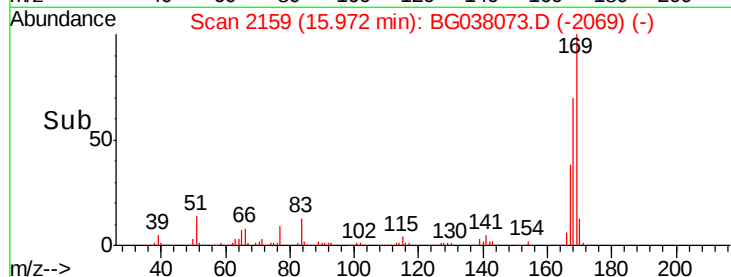
#66  
 n-Nitrosodiphenylamine  
 Concen: 38.323 ng  
 RT: 15.97 min Scan# 2159  
 Delta R.T. -0.00 min  
 Lab File: BG038073.D  
 Acq: 19 Nov 2018 21:59

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OWS-1MS

Tgt Ion:169 Resp: 302503  
 Ion Ratio Lower Upper  
 169 100  
 168 69.9 55.7 83.5  
 167 37.6 31.3 46.9

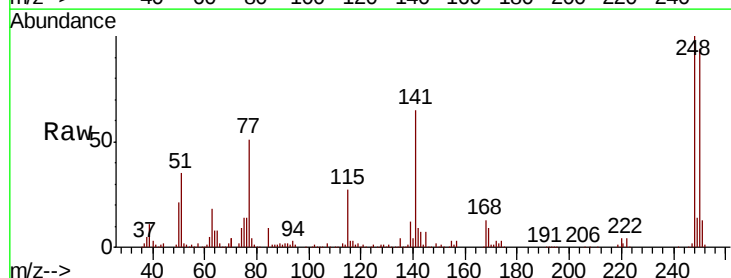


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

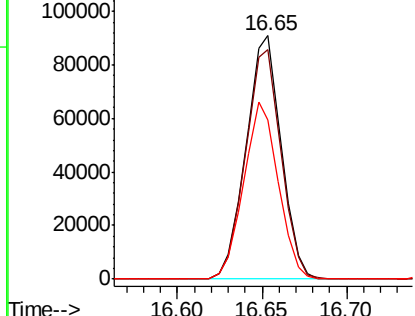
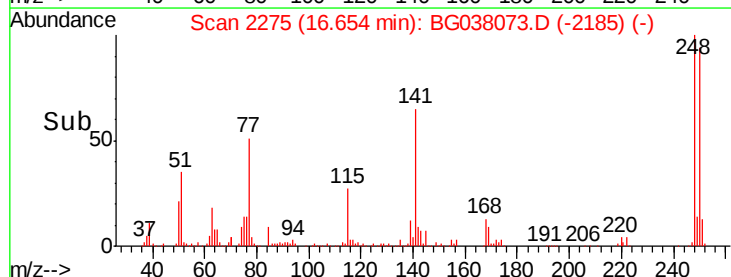


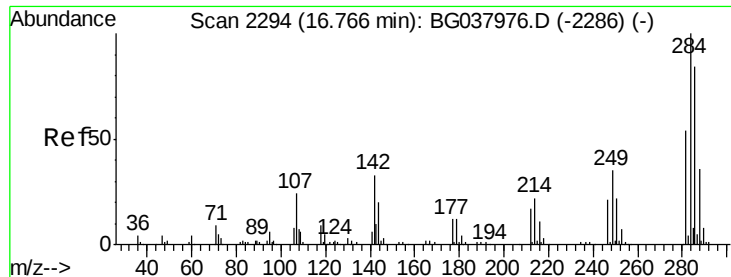
#67  
 4-Bromophenyl-phenylether  
 Concen: 45.900 ng  
 RT: 16.65 min Scan# 2275  
 Delta R.T. -0.00 min  
 Lab File: BG038073.D  
 Acq: 19 Nov 2018 21:59

Tgt Ion:248 Resp: 131448  
 Ion Ratio Lower Upper  
 248 100  
 250 94.4 77.0 115.6  
 141 65.1 55.5 83.3



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





#68

Hexachlorobenzene

Concen: 44.621 ng

RT: 16.77 min Scan# 2294

Delta R.T. -0.00 min

Lab File: BG038073.D

Acq: 19 Nov 2018 21:59

Instrument :

BNA\_G

ClientSampleId :

OWS-1MS

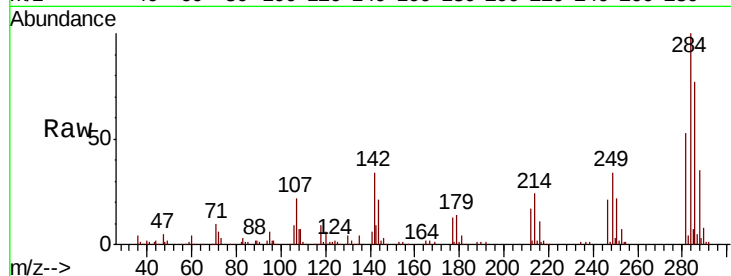
Tgt Ion:284 Resp: 131901

Ion Ratio Lower Upper

284 100

142 33.5 28.1 42.1

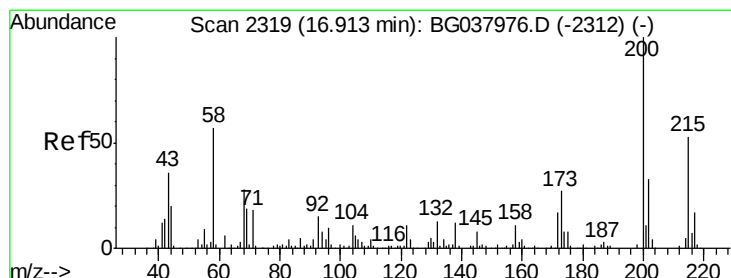
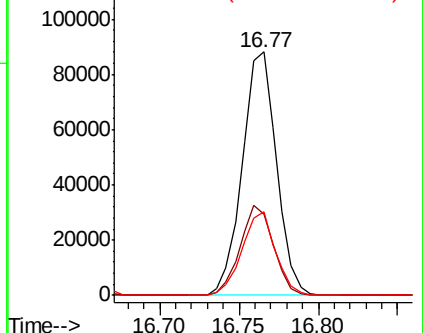
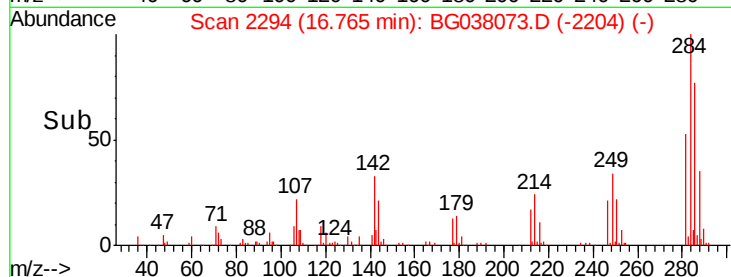
249 37.1 29.8 44.8



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



#69

Atrazine

Concen: 29.695 ng

RT: 16.91 min Scan# 2319

Delta R.T. -0.00 min

Lab File: BG038073.D

Acq: 19 Nov 2018 21:59

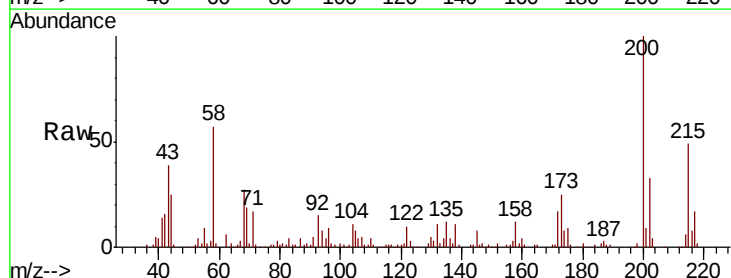
Tgt Ion:200 Resp: 86406

Ion Ratio Lower Upper

200 100

173 24.9 6.1 46.1

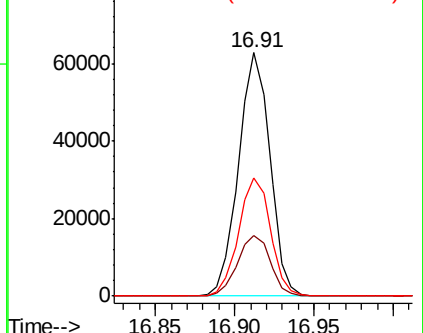
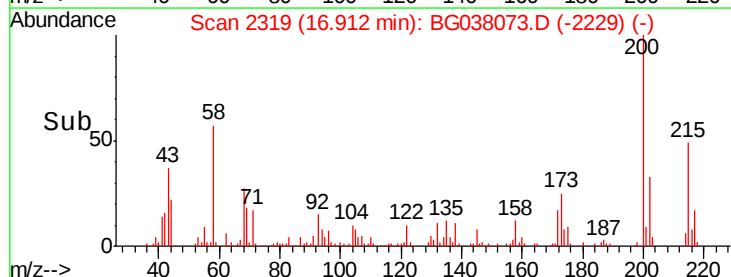
215 48.6 30.8 70.8

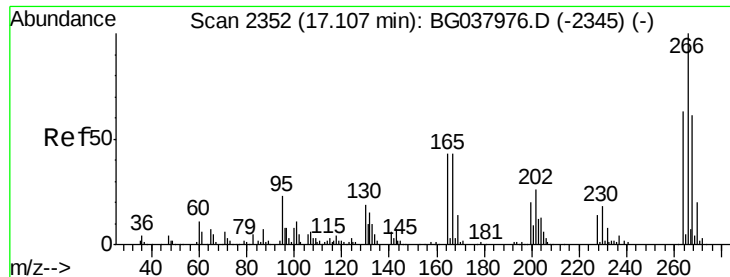


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Pentachlorophenol

Concen: 83.639 ng

RT: 17.11 min Scan# 2353

Delta R.T. 0.00 min

Lab File: BG038073.D

Acq: 19 Nov 2018 21:59

Instrument :

BNA\_G

ClientSampleId :

OWS-1MS

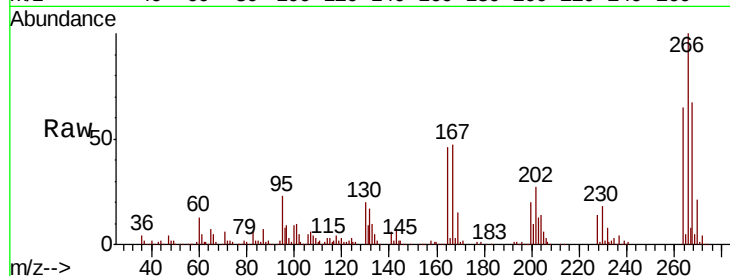
Tgt Ion:266 Resp: 167916

Ion Ratio Lower Upper

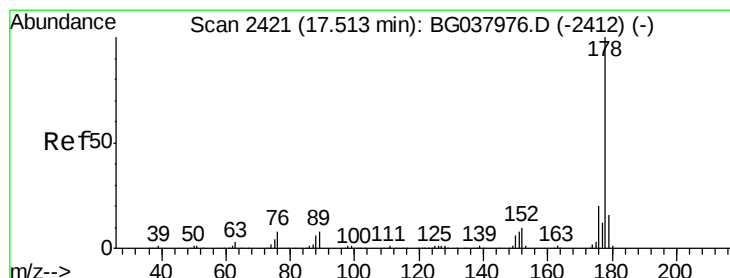
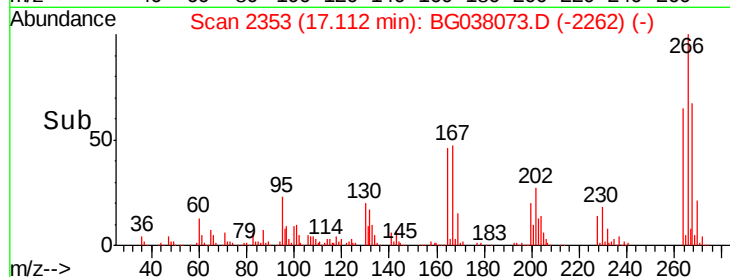
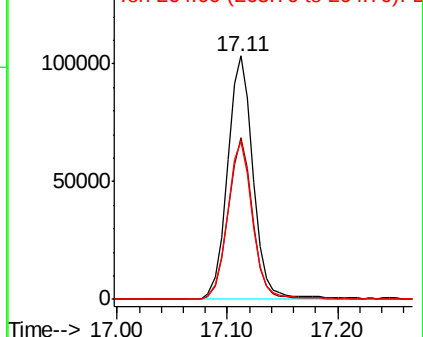
266 100

268 71.3 55.0 82.6

264 64.6 58.9 88.3



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



#71

Phenanthrene

Concen: 50.085 ng

RT: 17.51 min Scan# 2421

Delta R.T. -0.00 min

Lab File: BG038073.D

Acq: 19 Nov 2018 21:59

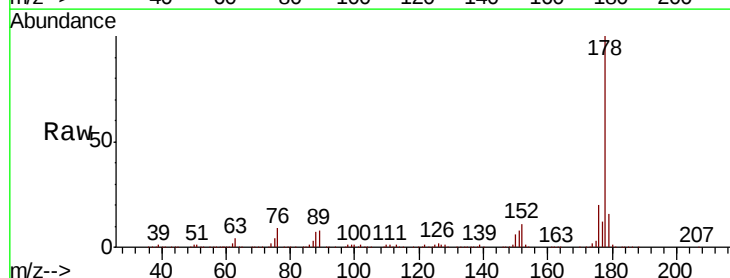
Tgt Ion:178 Resp: 669075

Ion Ratio Lower Upper

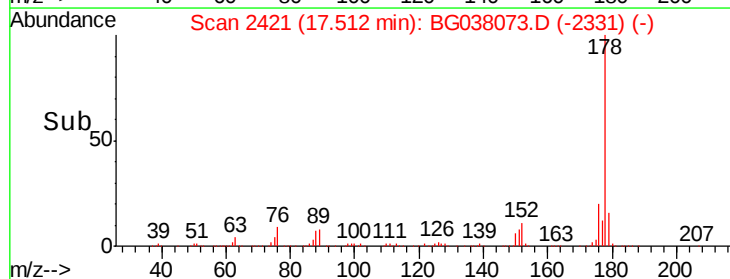
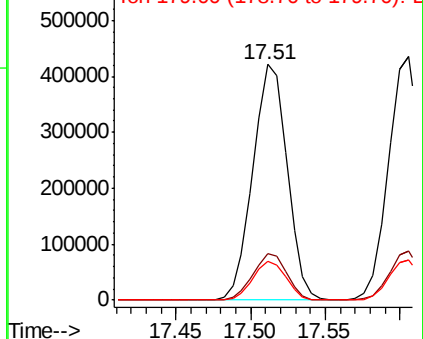
178 100

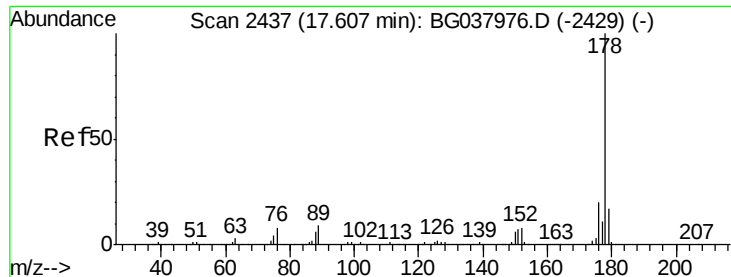
176 19.6 16.1 24.1

179 16.2 13.0 19.4



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

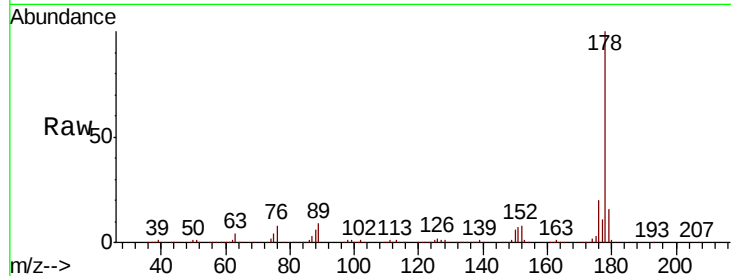




#72  
 Anthracene  
 Concen: 51.433 ng  
 RT: 17.61 min Scan# 2437  
 Delta R.T. -0.00 min  
 Lab File: BG038073.D  
 Acq: 19 Nov 2018 21:59

Instrument :  
 BNA\_G  
 ClientSampleID :  
 OWS-1MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.1  | 15.0  | 22.4  |
| 179     | 16.3  | 12.8  | 19.2  |

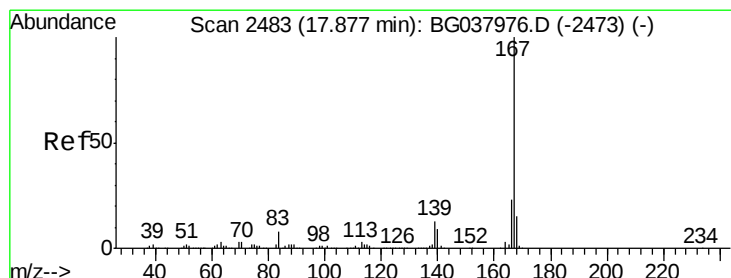
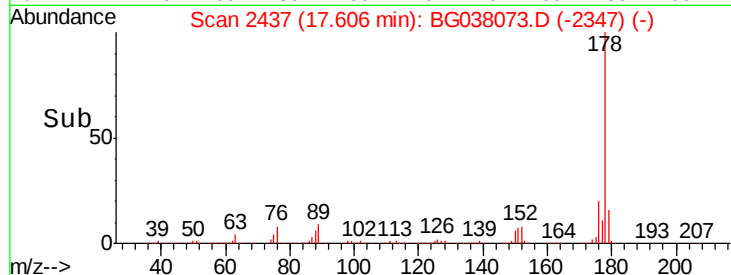
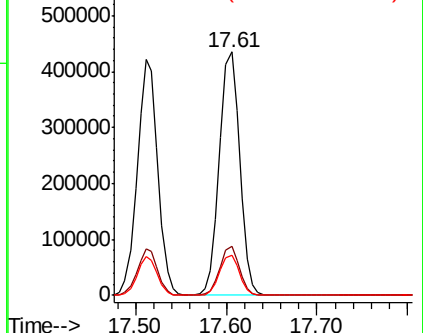


Abundance

Ion 178.00 (177.70 to 178.70): E

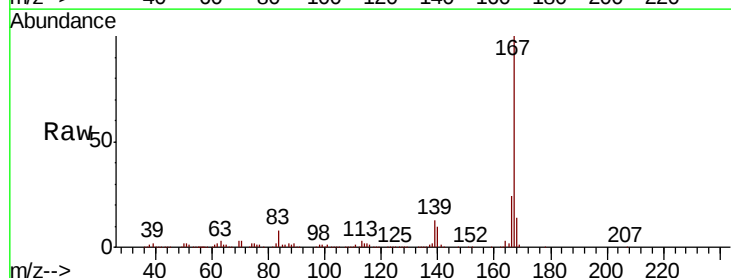
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73  
 Carbazole  
 Concen: 45.586 ng  
 RT: 17.88 min Scan# 2483  
 Delta R.T. -0.00 min  
 Lab File: BG038073.D  
 Acq: 19 Nov 2018 21:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.7  | 18.3  | 27.5  |
| 139     | 12.6  | 10.5  | 15.7  |

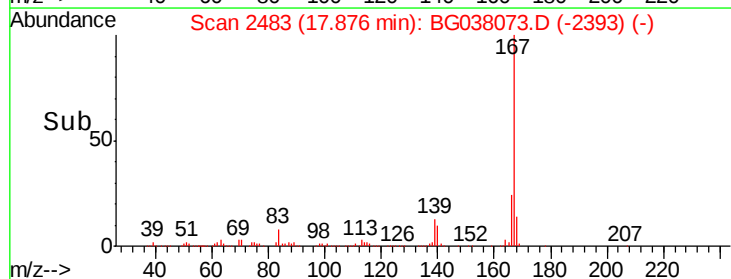
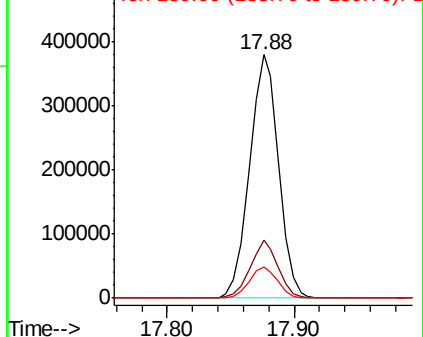


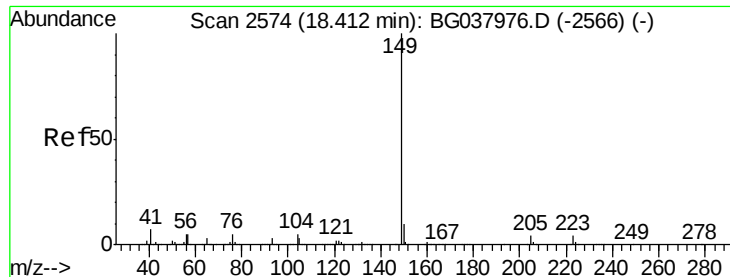
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 50.046 ng

RT: 18.41 min Scan# 2574

Delta R.T. -0.00 min

Lab File: BG038073.D

Acq: 19 Nov 2018 21:59

Instrument :

BNA\_G

ClientSampleId :

OWS-1MS

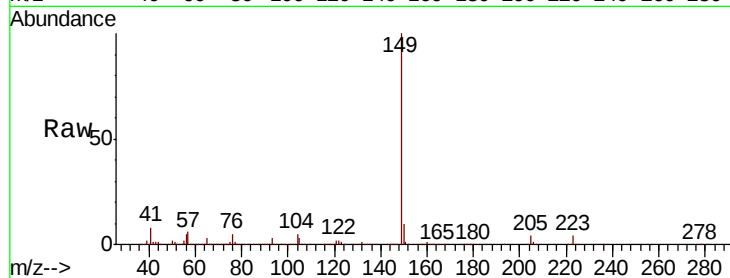
Tgt Ion:149 Resp: 742209

Ion Ratio Lower Upper

149 100

150 9.9 8.2 12.2

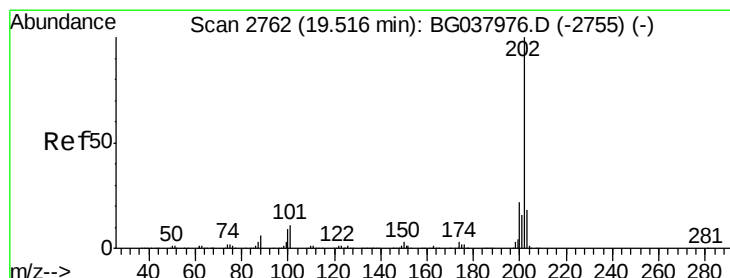
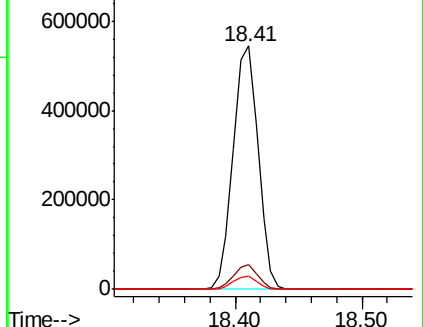
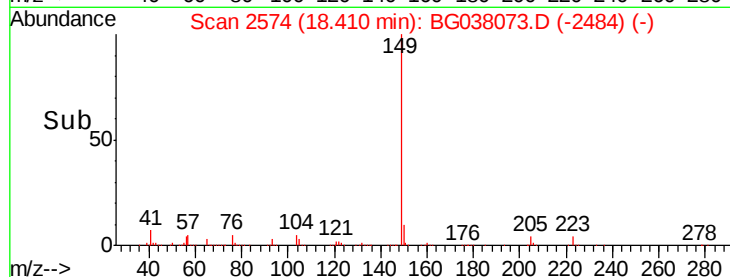
104 5.2 4.0 6.0



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



#75

Fluoranthene

Concen: 50.538 ng

RT: 19.52 min Scan# 2762

Delta R.T. -0.00 min

Lab File: BG038073.D

Acq: 19 Nov 2018 21:59

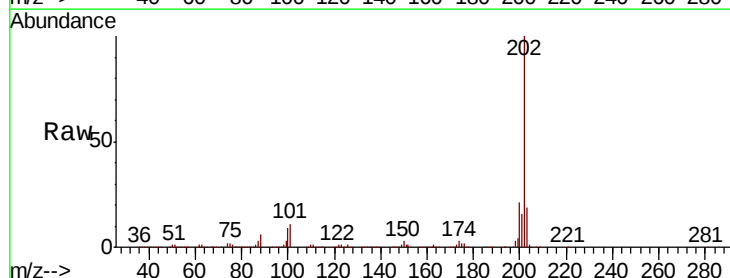
Tgt Ion:202 Resp: 770268

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.7

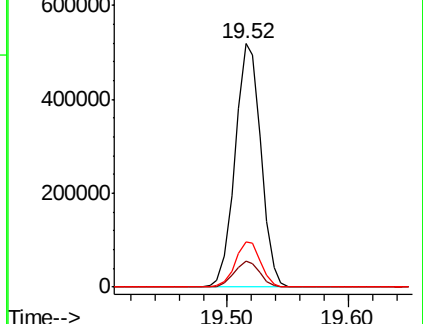
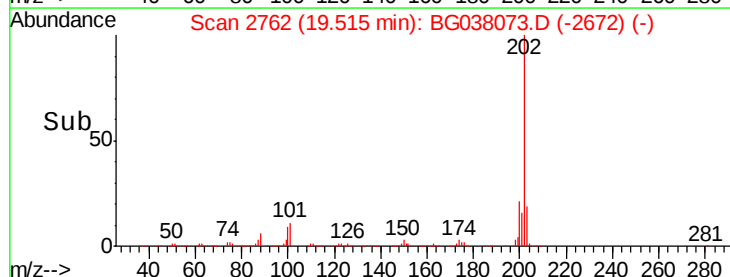
203 18.8 0.0 38.5

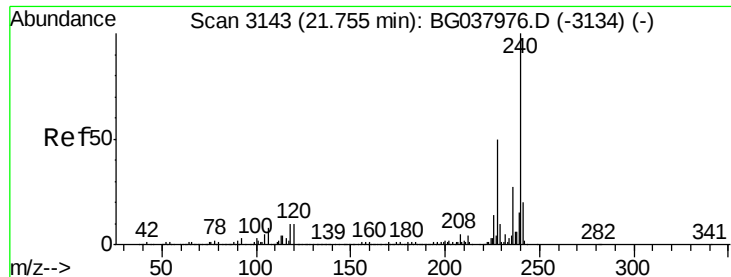


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

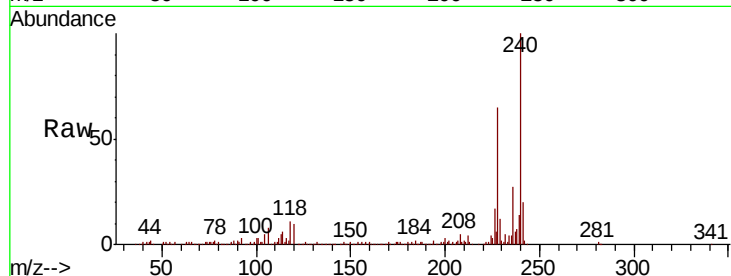




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.75 min Scan# 3143  
Delta R.T. -0.00 min  
Lab File: BG038073.D  
Acq: 19 Nov 2018 21:59

Instrument :  
BNA\_G  
ClientSampleId :  
OWS-1MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 10.3  | 8.1   | 12.1  |
| 236     | 26.5  | 21.4  | 32.0  |

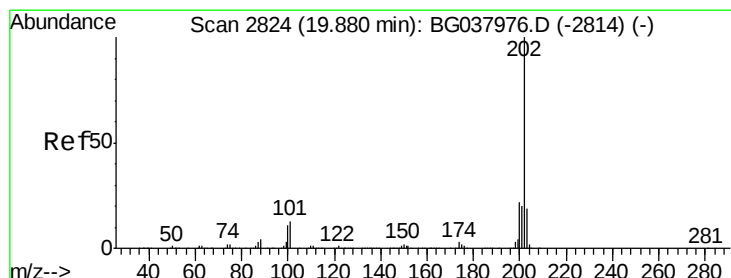
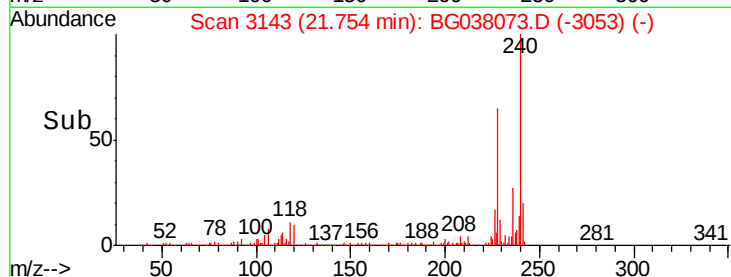
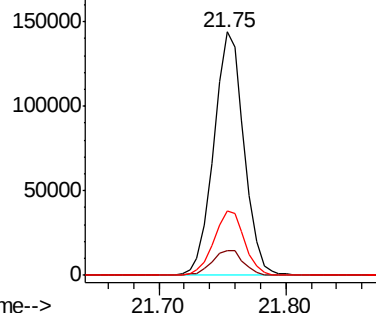


Abundance

Ion 240.00 (239.70 to 240.70): E

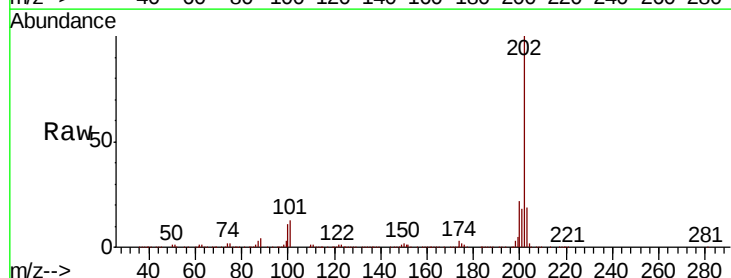
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78  
Pyrene  
Concen: 50.060 ng  
RT: 19.88 min Scan# 2824  
Delta R.T. -0.00 min  
Lab File: BG038073.D  
Acq: 19 Nov 2018 21:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.2  | 17.8  | 26.6  |
| 203     | 18.6  | 15.2  | 22.8  |

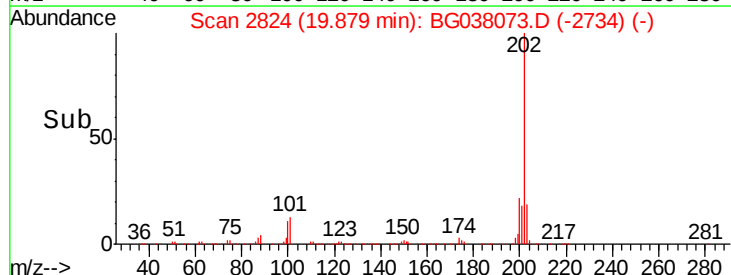
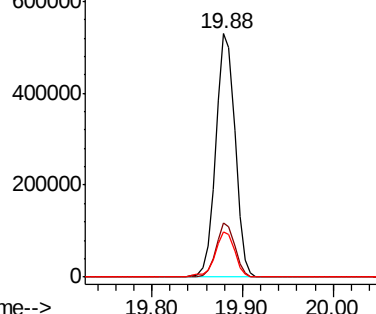


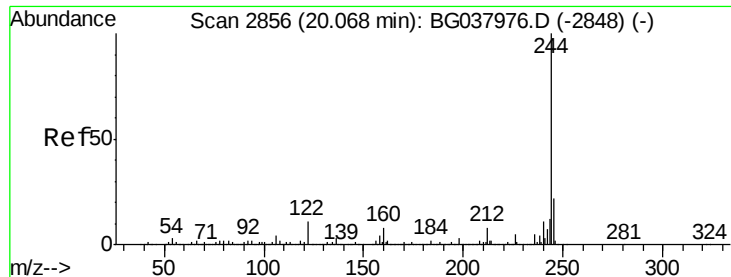
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.557 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038073.D

Acq: 19 Nov 2018 21:59

Instrument :

BNA\_G

ClientSampleId :

OWS-1MS

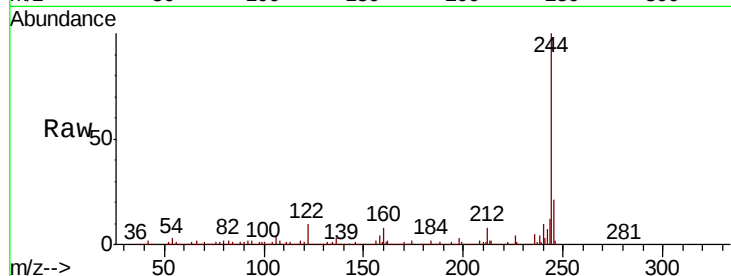
Tgt Ion:244 Resp: 914366

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

122 10.4 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

800000

600000

400000

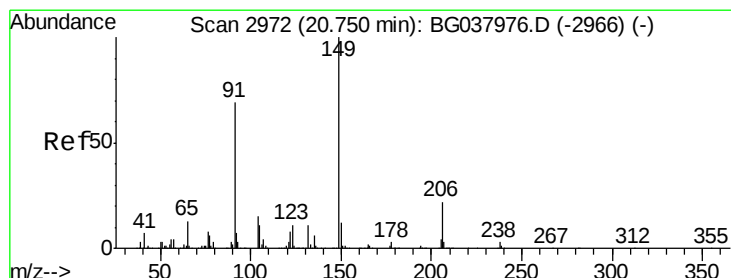
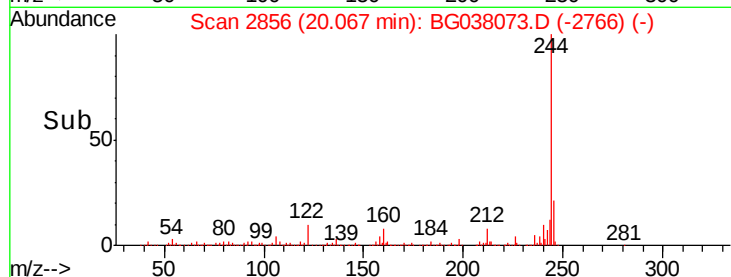
200000

0

20.07

20.00 20.10 20.20

Time-->



#80

Butylbenzylphthalate

Concen: 50.852 ng

RT: 20.75 min Scan# 2972

Delta R.T. -0.00 min

Lab File: BG038073.D

Acq: 19 Nov 2018 21:59

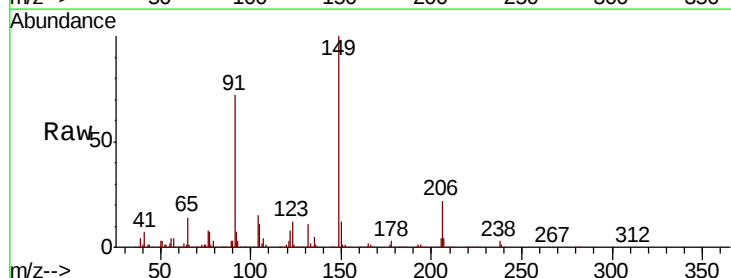
Tgt Ion:149 Resp: 345438

Ion Ratio Lower Upper

149 100

91 71.7 57.0 85.4

206 22.0 17.8 26.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

300000

200000

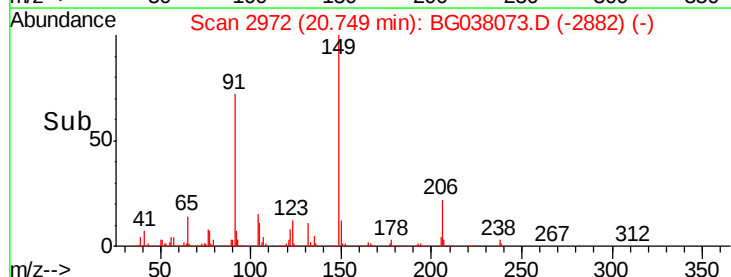
100000

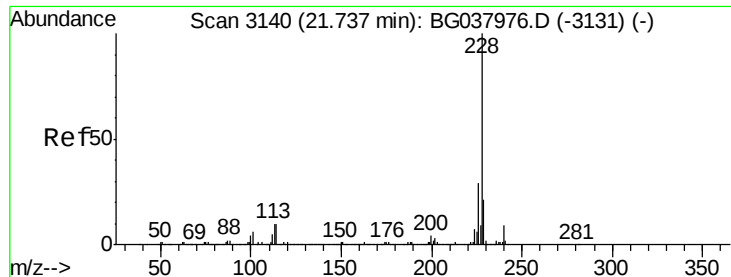
0

20.75

20.70 20.75 20.80

Time-->





#81

Benzo(a)anthracene

Concen: 50.888 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG038073.D

Acq: 19 Nov 2018 21:59

Instrument :

BNA\_G

ClientSampleId :

OWS-1MS

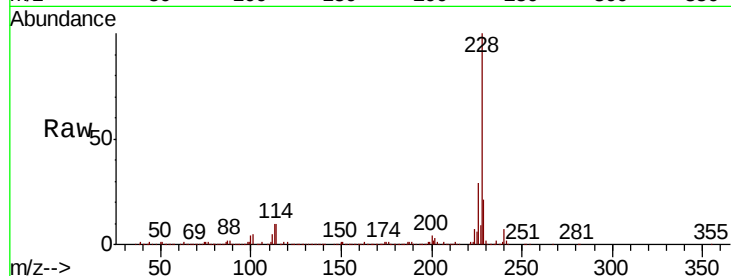
Tgt Ion: 228 Resp: 730626

Ion Ratio Lower Upper

228 100

226 28.9 22.6 33.8

229 20.9 16.3 24.5

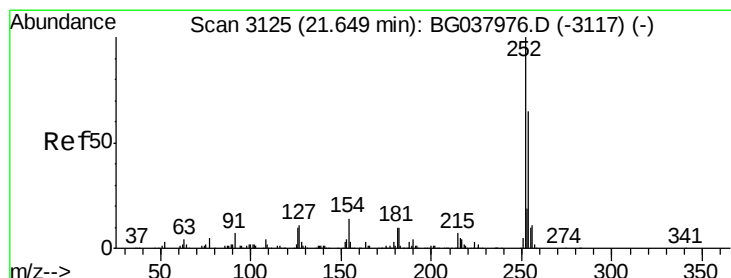
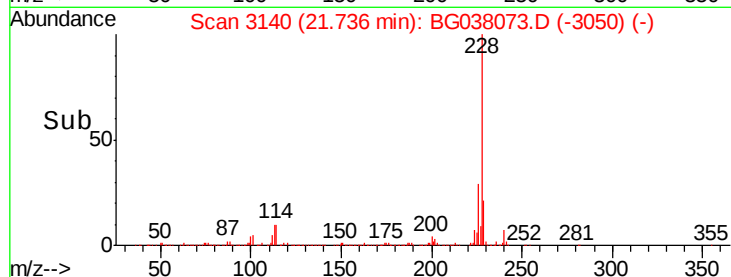
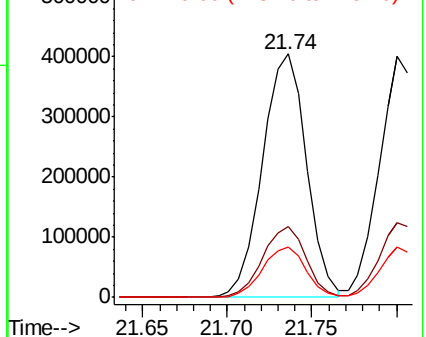


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 2.096 ng

RT: 21.65 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BG038073.D

Acq: 19 Nov 2018 21:59

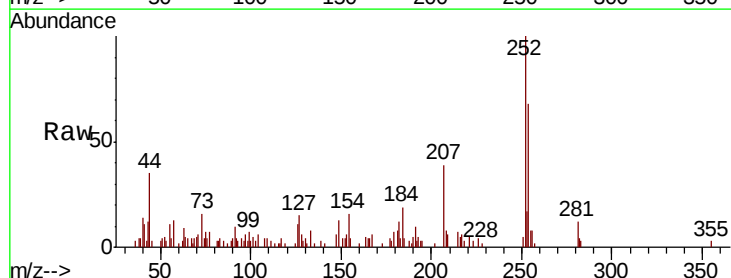
Tgt Ion: 252 Resp: 11725

Ion Ratio Lower Upper

252 100

254 68.2 52.0 78.0

126 11.1 8.2 12.4

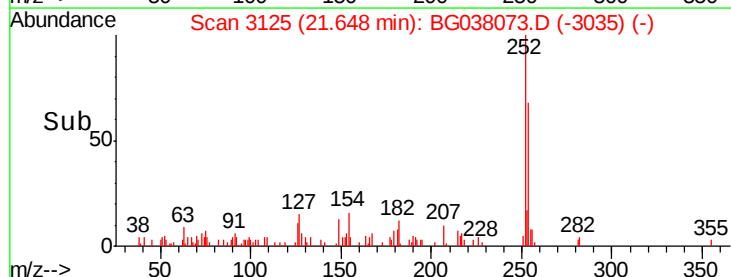
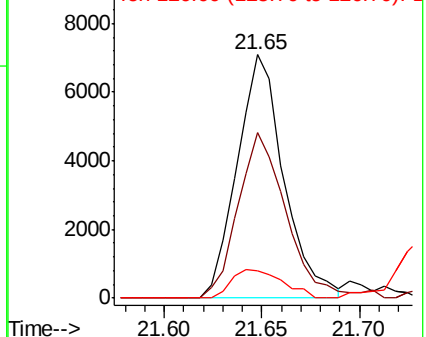


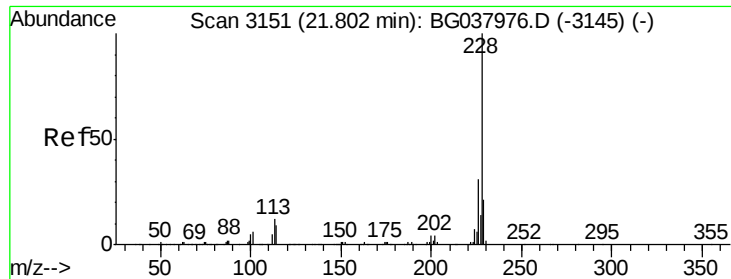
Abundance

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





#83

Chrysene

Concen: 49.824 ng

RT: 21.80 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG038073.D

Acq: 19 Nov 2018 21:59

Instrument :

BNA\_G

ClientSampleId :

OWS-1MS

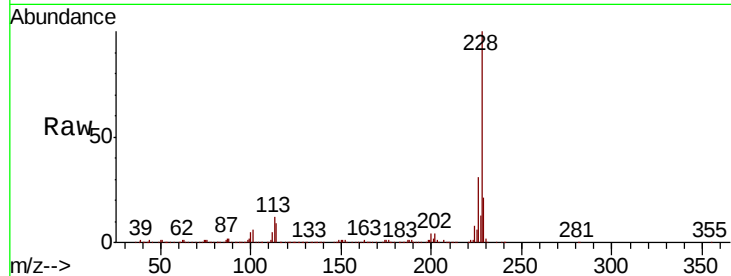
Tgt Ion:228 Resp: 684440

Ion Ratio Lower Upper

228 100

226 31.2 25.7 38.5

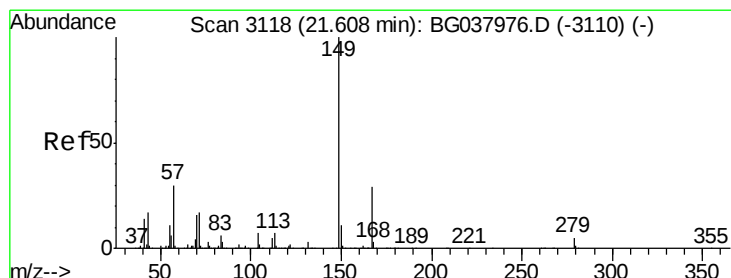
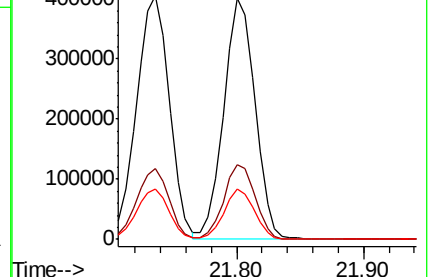
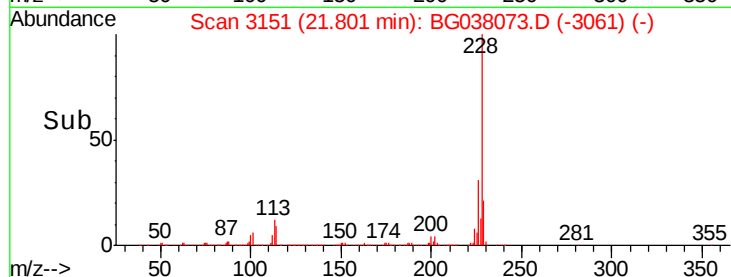
229 21.0 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.282 ng

RT: 21.60 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BG038073.D

Acq: 19 Nov 2018 21:59

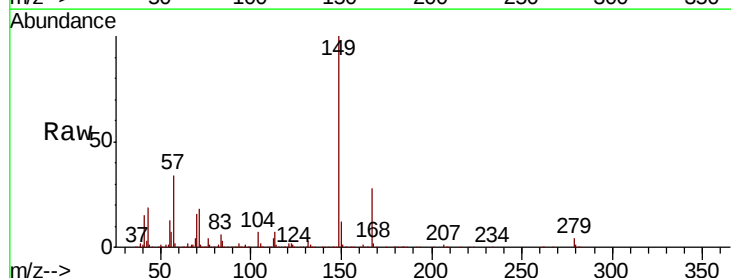
Tgt Ion:149 Resp: 487108

Ion Ratio Lower Upper

149 100

167 28.3 23.0 34.4

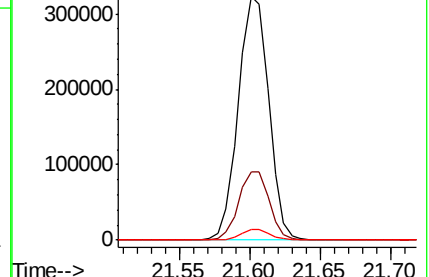
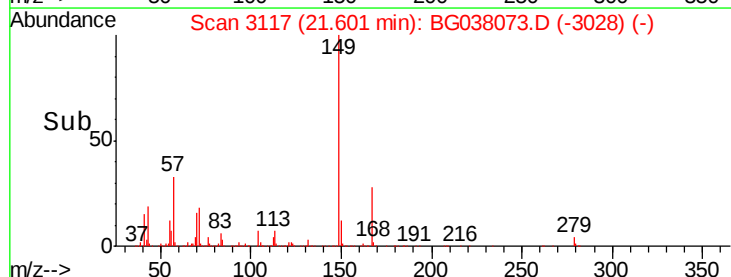
279 4.2 3.6 5.4

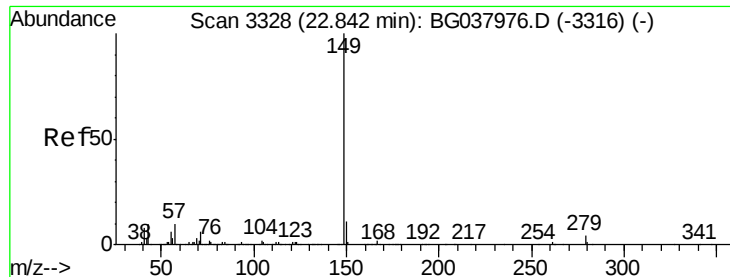


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

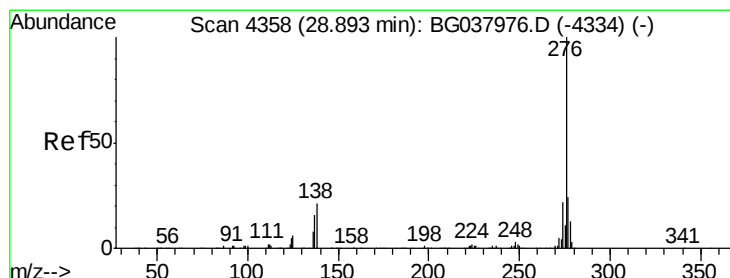
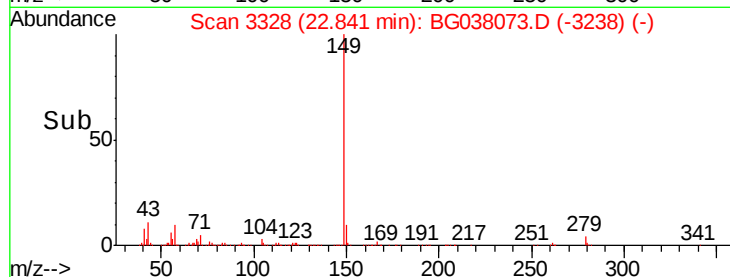
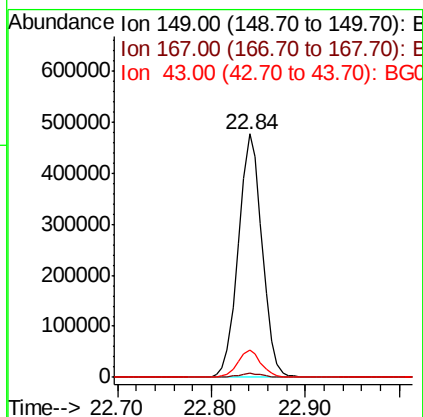
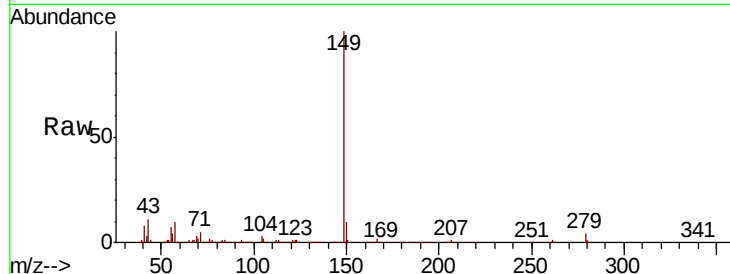




#85  
Di-n-octyl phthalate  
Concen: 53.075 ng  
RT: 22.84 min Scan# 3328  
Delta R.T. -0.00 min  
Lab File: BG038073.D  
Acq: 19 Nov 2018 21:59

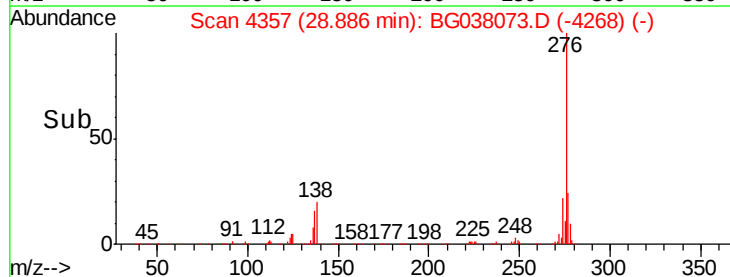
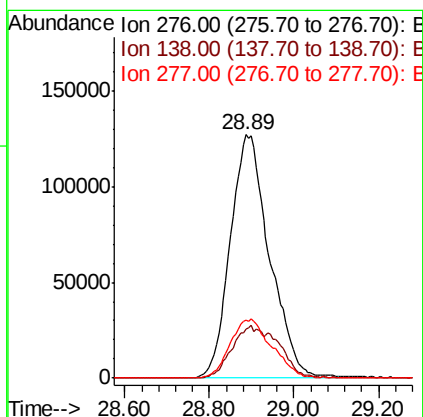
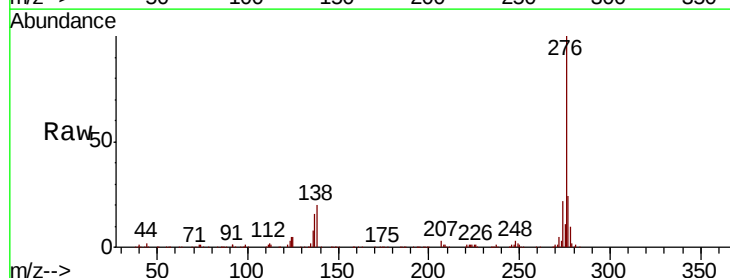
Instrument :  
BNA\_G  
ClientSampleId :  
OWS-1MS

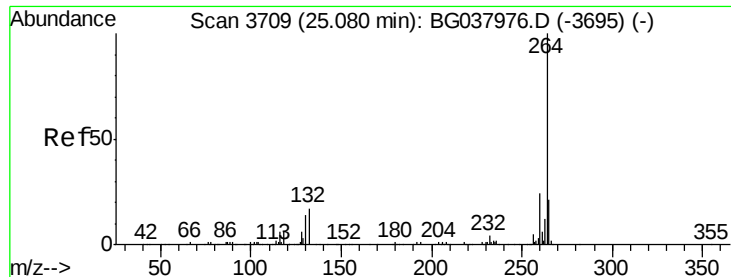
Tgt Ion:149 Resp: 831821  
Ion Ratio Lower Upper  
149 100  
167 1.8 1.3 1.9  
43 10.8 8.7 13.1



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 53.566 ng  
RT: 28.89 min Scan# 4357  
Delta R.T. -0.01 min  
Lab File: BG038073.D  
Acq: 19 Nov 2018 21:59

Tgt Ion:276 Resp: 817254  
Ion Ratio Lower Upper  
276 100  
138 16.2 12.0 18.0  
277 25.8 20.6 30.8





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3709

Delta R.T. -0.00 min

Lab File: BG038073.D

Acq: 19 Nov 2018 21:59

Instrument :

BNA\_G

ClientSampleId :

OWS-1MS

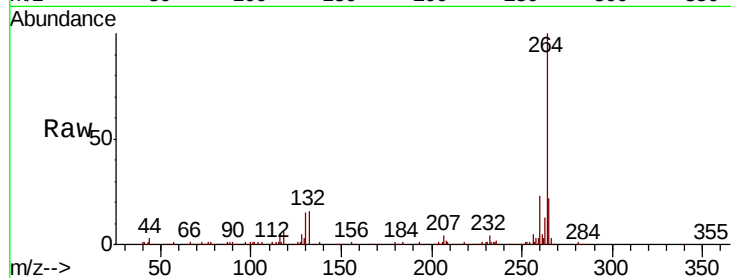
Tgt Ion:264 Resp: 250606

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.4

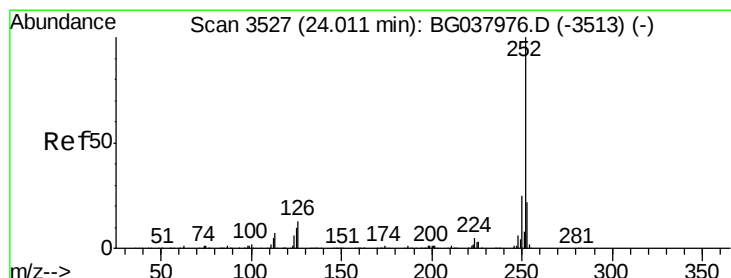
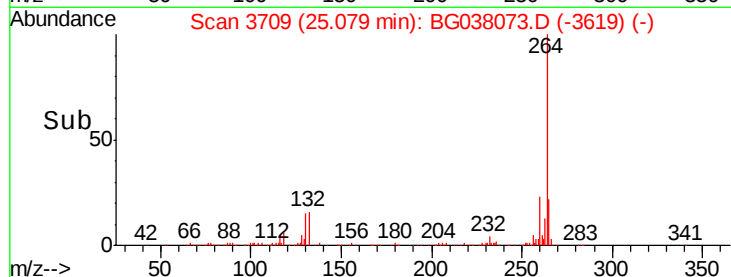
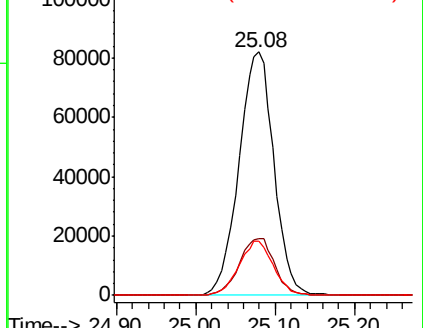
265 22.0 17.9 26.9



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



#88

Benzo(b)fluoranthene

Concen: 51.495 ng

RT: 24.01 min Scan# 3527

Delta R.T. -0.00 min

Lab File: BG038073.D

Acq: 19 Nov 2018 21:59

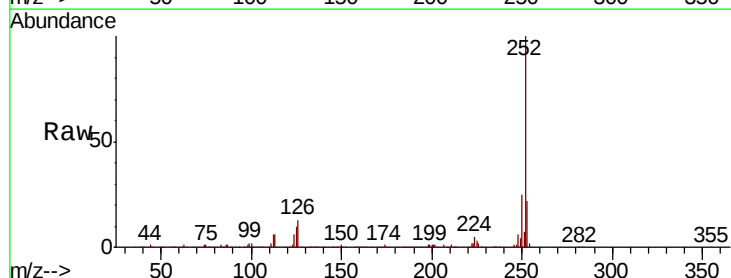
Tgt Ion:252 Resp: 710167

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

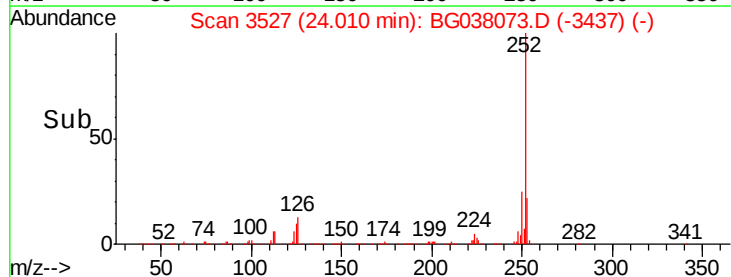
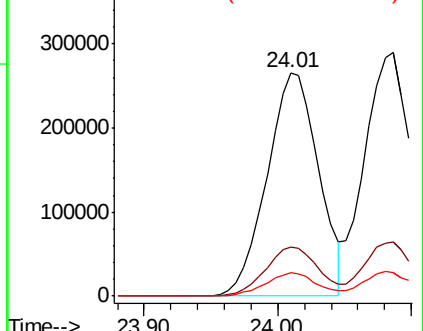
125 10.3 7.8 11.6

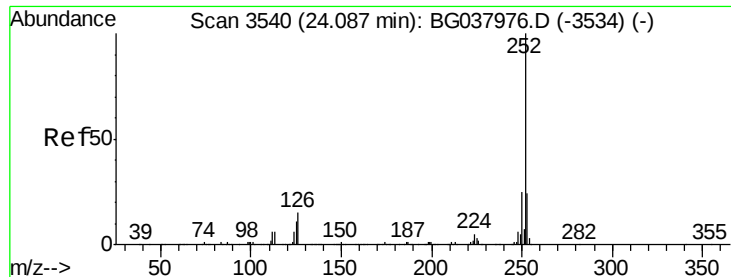


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

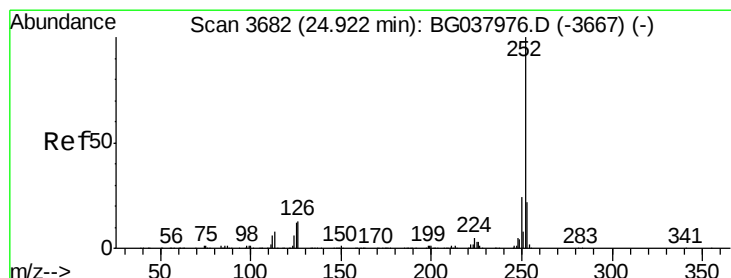
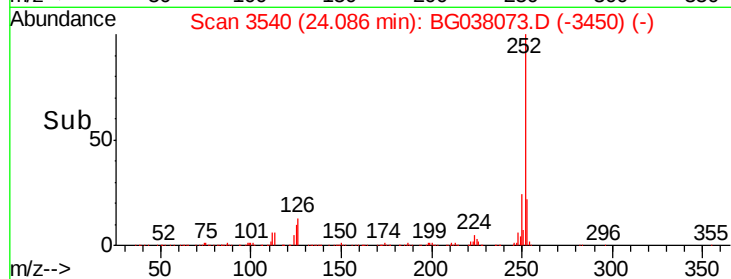
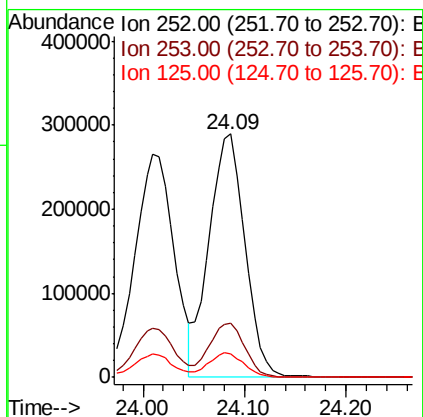
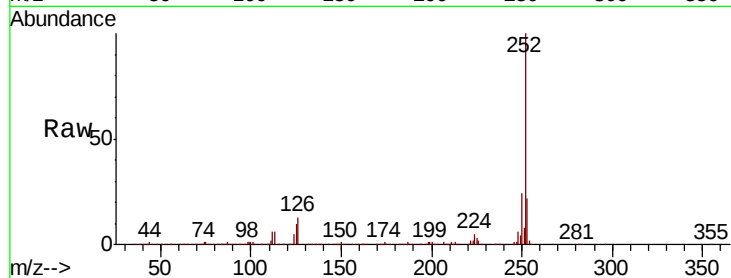




#89  
Benzo(k)fluoranthene  
Concen: 52.132 ng  
RT: 24.09 min Scan# 3540  
Delta R.T. -0.00 min  
Lab File: BG038073.D  
Acq: 19 Nov 2018 21:59

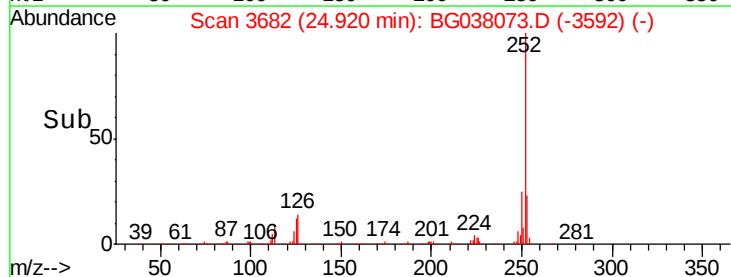
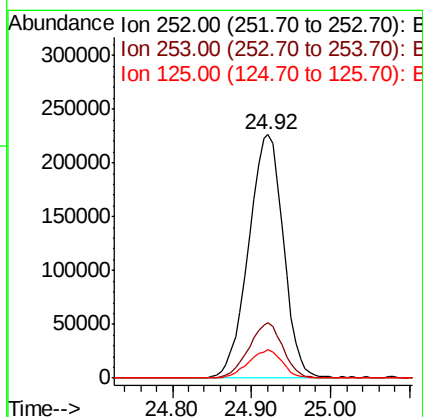
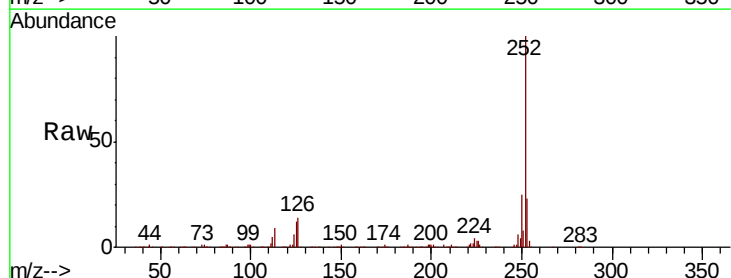
Instrument :  
BNA\_G  
ClientSampleId :  
OWS-1MS

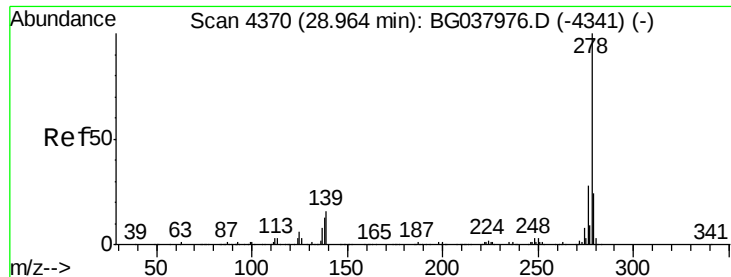
Tgt Ion: 252 Resp: 709429  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.4 26.2  
125 9.5 7.4 11.0



#90  
Benzo(a)pyrene  
Concen: 52.611 ng  
RT: 24.92 min Scan# 3682  
Delta R.T. -0.00 min  
Lab File: BG038073.D  
Acq: 19 Nov 2018 21:59

Tgt Ion: 252 Resp: 693399  
Ion Ratio Lower Upper  
252 100  
253 22.7 17.4 26.2  
125 11.6 9.0 13.6

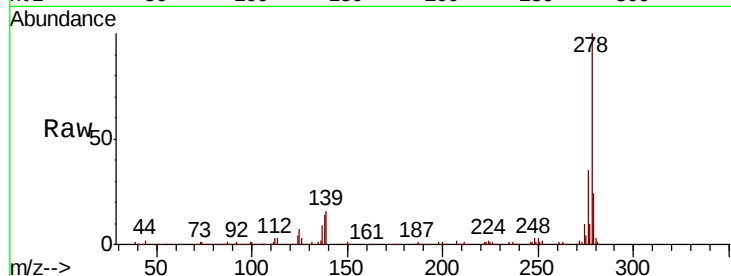




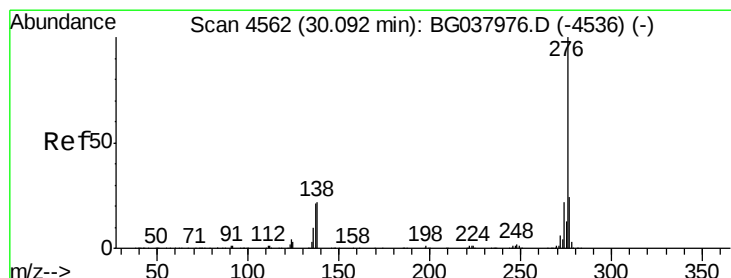
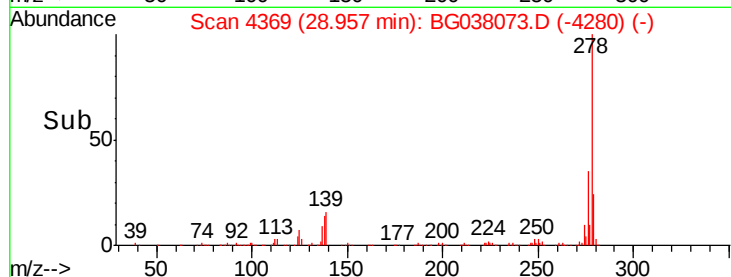
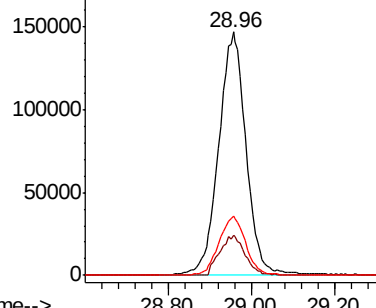
#91  
Dibenzo(a,h)anthracene  
Concen: 53.099 ng  
RT: 28.96 min Scan# 4369  
Delta R.T. -0.01 min  
Lab File: BG038073.D  
Acq: 19 Nov 2018 21:59

Instrument :  
BNA\_G  
ClientSampleId :  
OWS-1MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.2  | 11.5  | 17.3  |
| 279     | 24.5  | 18.6  | 27.8  |

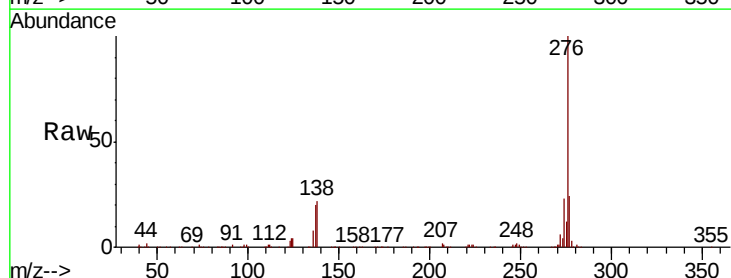


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 53.767 ng  
RT: 30.09 min Scan# 4561  
Delta R.T. -0.01 min  
Lab File: BG038073.D  
Acq: 19 Nov 2018 21:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.2  | 18.9  | 28.3  |
| 138     | 21.7  | 17.2  | 25.8  |



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

