

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG121218\  
 Data File : BG038505.D  
 Acq On : 12 Dec 2018 18:47  
 Operator : JU/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Dec 13 06:09:29 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG121218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 12 15:26:27 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.06  | 152  | 22815    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.88 | 136  | 97491    | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.70 | 164  | 65433    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.44 | 188  | 162850   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.73 | 240  | 164446   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.02 | 264  | 181413   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.60  | 112  | 107586   | 83.64 | ng    | 0.00     |
| 7) Phenol-d6                | 7.21  | 99   | 151297   | 85.68 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.24  | 82   | 157223   | 82.39 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.19 | 330  | 76033    | 84.31 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.32 | 172  | 375067   | 78.64 | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.04 | 244  | 611503   | 80.93 | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.49  | 88   | 23588    | 39.401 | ng    | 93     |
| 3) Pyridine                    | 3.90  | 79   | 67013    | 40.656 | ng    | 95     |
| 4) n-Nitrosodimethylamine      | 3.82  | 42   | 33022    | 40.888 | ng    | # 98   |
| 6) Aniline                     | 7.39  | 93   | 96538    | 42.825 | ng    | 99     |
| 8) 2-Chlorophenol              | 7.62  | 128  | 60829    | 40.864 | ng    | 98     |
| 9) Benzaldehyde                | 7.20  | 77   | 45670    | 39.867 | ng    | 98     |
| 10) Phenol                     | 7.24  | 94   | 79055    | 42.139 | ng    | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.48  | 93   | 62624    | 41.927 | ng    | 97     |
| 12) 1,3-Dichlorobenzene        | 7.95  | 146  | 73551    | 41.789 | ng    | 97     |
| 13) 1,4-Dichlorobenzene        | 8.10  | 146  | 73248    | 40.635 | ng    | 96     |
| 14) 1,2-Dichlorobenzene        | 8.41  | 146  | 70178    | 41.296 | ng    | 98     |
| 15) Benzyl Alcohol             | 8.30  | 79   | 59898    | 43.457 | ng    | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.59  | 45   | 141741   | 41.426 | ng    | 99     |
| 17) 2-Methylphenol             | 8.49  | 107  | 54418    | 43.294 | ng    | 98     |
| 18) Hexachloroethane           | 9.14  | 117  | 26522    | 40.265 | ng    | 92     |
| 19) n-Nitroso-di-n-propylamine | 8.86  | 70   | 53927    | 43.481 | ng    | 99     |
| 20) 3+4-Methylphenols          | 8.83  | 107  | 75139    | 43.285 | ng    | 97     |
| 22) Acetophenone               | 8.89  | 105  | 99369    | 40.807 | ng    | 97     |
| 24) Nitrobenzene               | 9.28  | 77   | 81495    | 42.214 | ng    | 96     |
| 25) Isophorone                 | 9.79  | 82   | 132907   | 38.763 | ng    | 98     |
| 26) 2-Nitrophenol              | 9.99  | 139  | 39374    | 39.849 | ng    | 95     |
| 27) 2,4-Dimethylphenol         | 10.03 | 122  | 58163    | 41.073 | ng    | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.27 | 93   | 79598    | 41.137 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 10.52 | 162  | 67587    | 42.902 | ng    | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.74 | 180  | 78667    | 41.341 | ng    | 97     |
| 31) Naphthalene                | 10.93 | 128  | 196322   | 40.871 | ng    | 98     |
| 32) Benzoic acid               | 10.18 | 122  | 25375    | 32.402 | ng    | 91     |
| 33) 4-Chloroaniline            | 11.04 | 127  | 89299    | 42.820 | ng    | 97     |
| 34) Hexachlorobutadiene        | 11.19 | 225  | 52647    | 40.888 | ng    | 94     |
| 35) Caprolactam                | 11.82 | 113  | 26122    | 40.067 | ng    | 93     |
| 36) 4-Chloro-3-methylphenol    | 12.15 | 107  | 73356    | 40.804 | ng    | 93     |
| 37) 2-Methylnaphthalene        | 12.53 | 142  | 143172   | 41.779 | ng    | 98     |
| 38) 1-Methylnaphthalene        | 12.75 | 142  | 139056   | 41.817 | ng    | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.89 | 216  | 97440    | 39.839 | ng    | 100    |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG121218\  
 Data File : BG038505.D  
 Acq On : 12 Dec 2018 18:47  
 Operator : JU/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

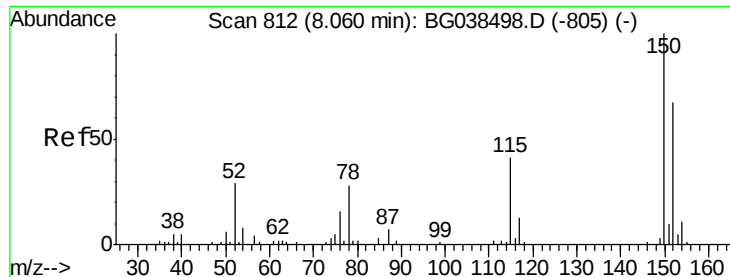
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Dec 13 06:09:29 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG121218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 12 15:26:27 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.86 | 237  | 49879    | 37.119 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 13.14 | 196  | 61492    | 40.889 | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 13.21 | 196  | 65812    | 41.333 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.53 | 154  | 217725   | 39.692 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.58 | 162  | 167455   | 39.520 | ng    | 97       |
| 48) 2-Nitroaniline             | 13.79 | 65   | 57504    | 42.607 | ng    | 94       |
| 49) Acenaphthylene             | 14.42 | 152  | 253292   | 39.987 | ng    | 99       |
| 50) Dimethylphthalate          | 14.15 | 163  | 219290   | 41.039 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.28 | 165  | 50445    | 41.658 | ng    | 91       |
| 52) Acenaphthene               | 14.76 | 154  | 151277   | 39.938 | ng    | 94       |
| 53) 3-Nitroaniline             | 14.62 | 138  | 52379    | 42.433 | ng    | 97       |
| 54) 2,4-Dinitrophenol          | 14.82 | 184  | 25522    | 38.310 | ng    | 94       |
| 55) Dibenzofuran               | 15.09 | 168  | 262270   | 40.394 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.91 | 139  | 38813    | 41.447 | ng    | 93       |
| 57) 2,4-Dinitrotoluene         | 15.06 | 165  | 71222    | 41.759 | ng    | 97       |
| 58) Fluorene                   | 15.74 | 166  | 193779   | 40.283 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.31 | 232  | 59551    | 41.570 | ng    | 98       |
| 60) Diethylphthalate           | 15.50 | 149  | 234527   | 39.981 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.73 | 204  | 121695   | 40.547 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.78 | 138  | 55195    | 43.432 | ng    | 98       |
| 63) Azobenzene                 | 16.02 | 77   | 200189   | 40.852 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.82 | 198  | 46774    | 40.264 | ng    | 94       |
| 66) n-Nitrosodiphenylamine     | 15.95 | 169  | 192170   | 40.162 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether  | 16.63 | 248  | 80410    | 40.430 | ng    | 94       |
| 68) Hexachlorobenzene          | 16.74 | 284  | 83292    | 40.400 | ng    | 97       |
| 69) Atrazine                   | 16.89 | 200  | 74651    | 42.040 | ng    | 98       |
| 70) Pentachlorophenol          | 17.09 | 266  | 51960    | 42.609 | ng    | 96       |
| 71) Phenanthrene               | 17.49 | 178  | 341858   | 40.481 | ng    | 98       |
| 72) Anthracene                 | 17.58 | 178  | 338302   | 40.579 | ng    | 100      |
| 73) Carbazole                  | 17.85 | 167  | 336130   | 40.768 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.38 | 149  | 392134   | 41.449 | ng    | 99       |
| 75) Fluoranthene               | 19.49 | 202  | 419784   | 40.176 | ng    | 98       |
| 77) Benzidine                  | 19.68 | 184  | 229257   | 47.140 | ng    | 99       |
| 78) Pyrene                     | 19.86 | 202  | 427297   | 39.332 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.73 | 149  | 174779   | 41.179 | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.70 | 228  | 411666   | 41.082 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.62 | 252  | 165240   | 41.578 | ng    | 99       |
| 83) Chrysene                   | 21.77 | 228  | 388362   | 40.238 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.57 | 149  | 247155   | 41.058 | ng    | 97       |
| 85) Di-n-octyl phthalate       | 22.80 | 149  | 415811   | 41.245 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.80 | 276  | 469041   | 41.336 | ng    | # 83     |
| 88) Benzo(b)fluoranthene       | 23.97 | 252  | 404976   | 40.659 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 24.03 | 252  | 405728   | 40.907 | ng    | 98       |
| 90) Benzo(a)pyrene             | 24.87 | 252  | 393272   | 40.927 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 28.86 | 278  | 392025   | 40.974 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.99 | 276  | 388095   | 41.160 | ng    | 98       |

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

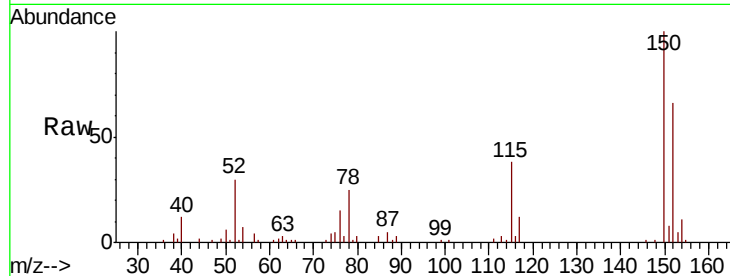




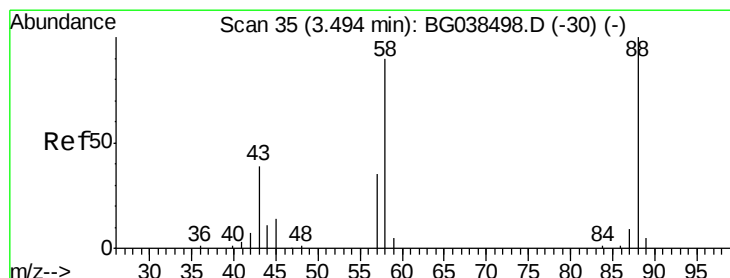
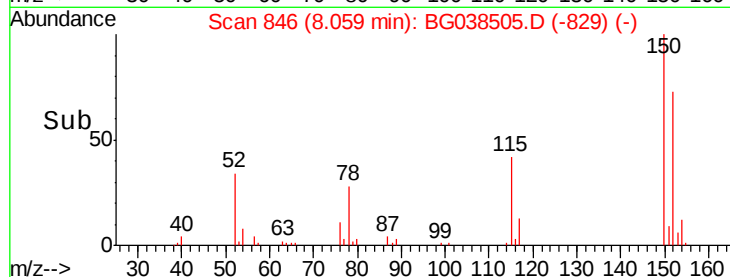
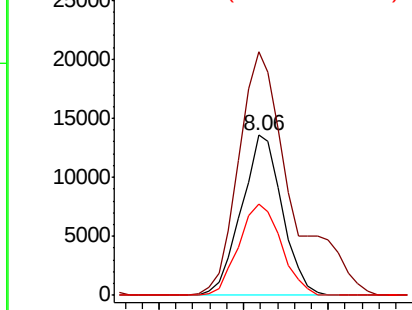
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 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.06 min Scan# 846  
 Delta R.T. -0.00 min  
 Lab File: BG038505.D  
 Acq: 12 Dec 2018 18:47

Instrument :  
 BNA\_G  
 ClientSampleId :

Tgt Ion:152 Resp: 22815  
 Ion Ratio Lower Upper  
 152 100  
 150 151.9 119.5 179.3  
 115 57.3 49.6 74.4

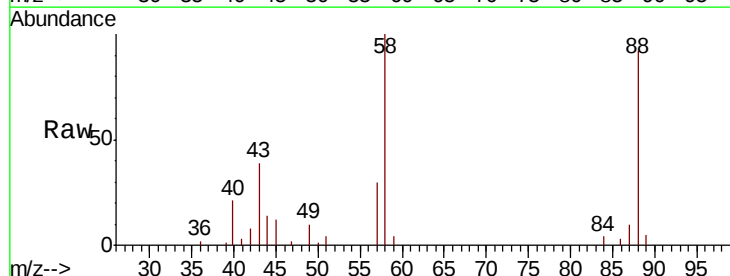


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

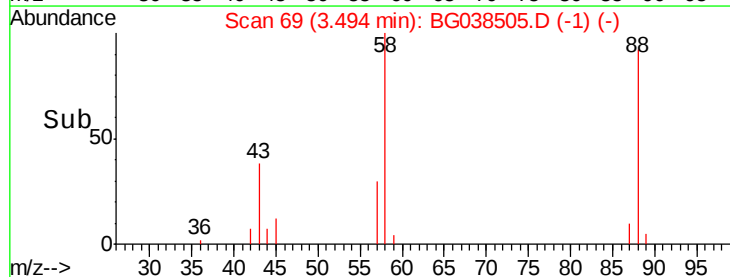
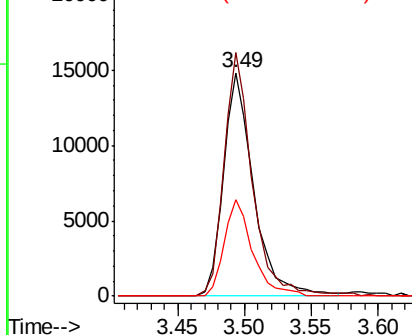


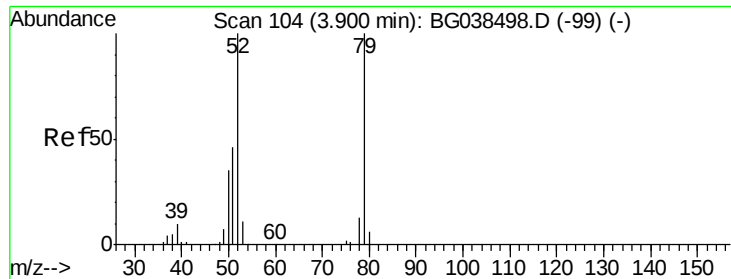
#2  
 1,4-Dioxane  
 Concen: 39.401 ng  
 RT: 3.49 min Scan# 69  
 Delta R.T. -0.00 min  
 Lab File: BG038505.D  
 Acq: 12 Dec 2018 18:47

Tgt Ion: 88 Resp: 23588  
 Ion Ratio Lower Upper  
 88 100  
 58 103.1 75.7 113.5  
 43 40.6 31.6 47.4



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





#3

Pyridine

Concen: 40.656 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.00 min

Lab File: BG038505.D

Acq: 12 Dec 2018 18:47

Instrument :

BNA\_G

ClientSampleId :

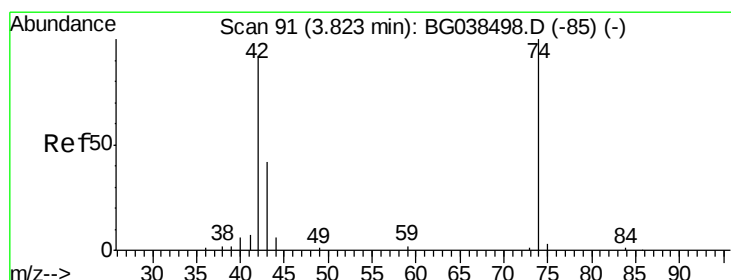
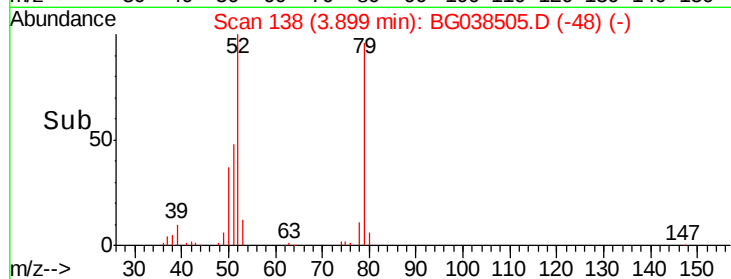
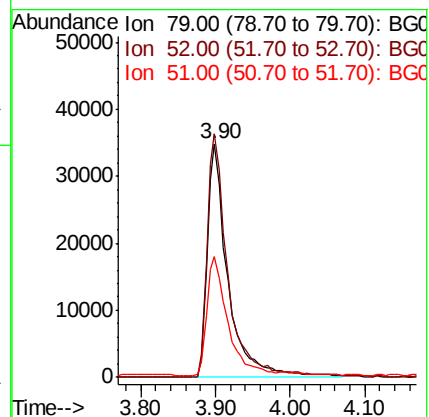
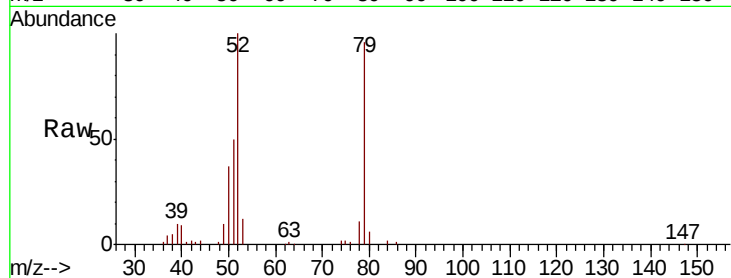
Tgt Ion: 79 Resp: 67013

Ion Ratio Lower Upper

79 100

52 104.2 80.2 120.2

51 51.8 38.0 57.0



#4

n-Nitrosodimethylamine

Concen: 40.888 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG038505.D

Acq: 12 Dec 2018 18:47

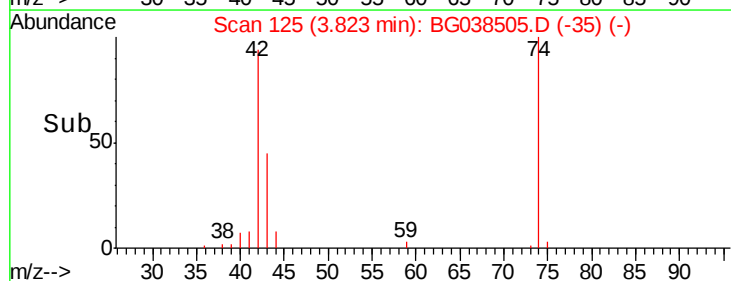
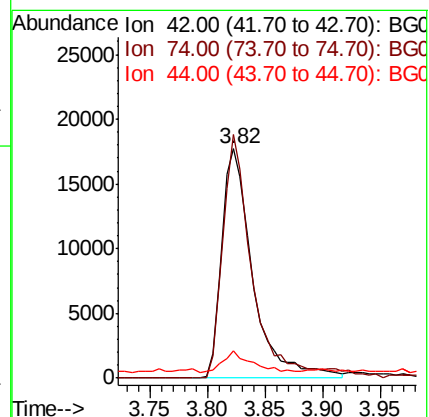
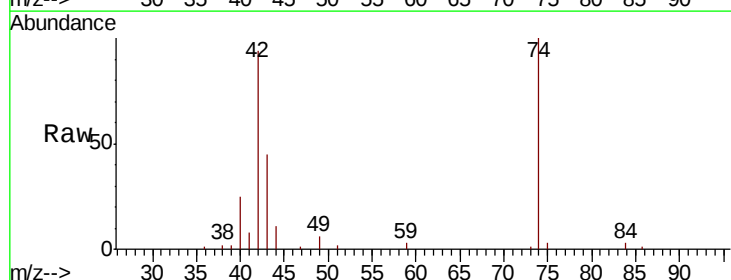
Tgt Ion: 42 Resp: 33022

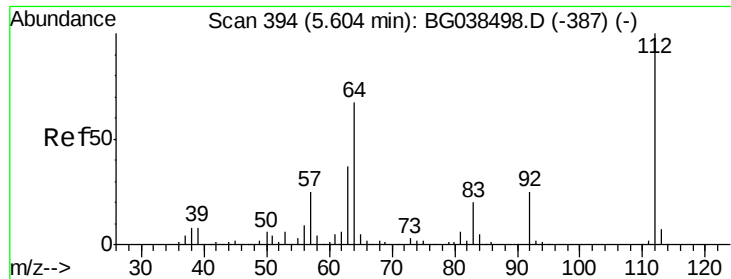
Ion Ratio Lower Upper

42 100

74 106.2 86.7 130.1

44 11.8 7.8 11.8#





#5

2-Fluorophenol

Concen: 83.638 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.00 min

Lab File: BG038505.D

Acq: 12 Dec 2018 18:47

Instrument :

BNA\_G

ClientSampleId :

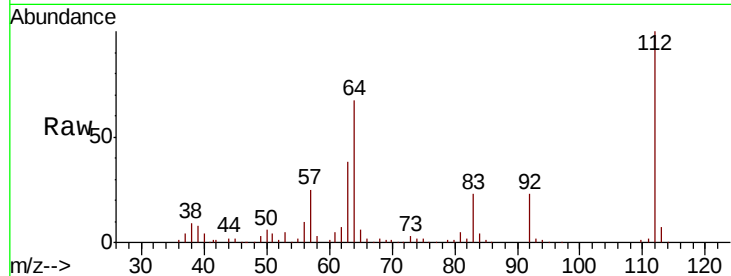
Tgt Ion: 112 Resp: 107586

Ion Ratio Lower Upper

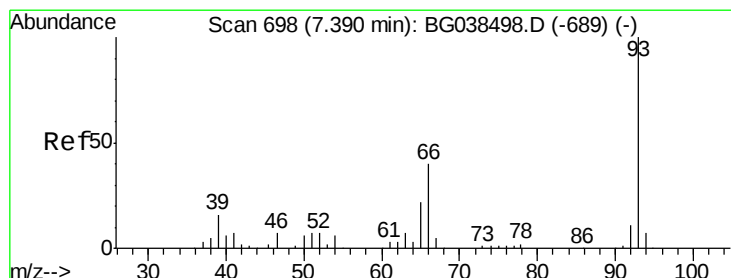
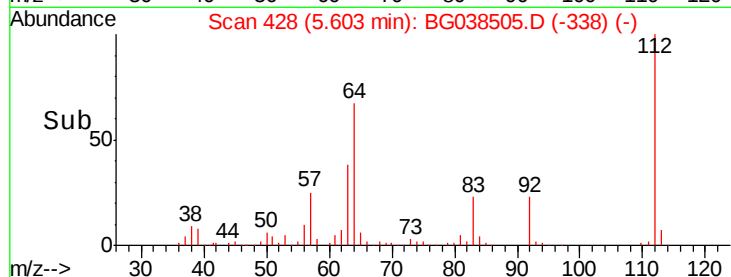
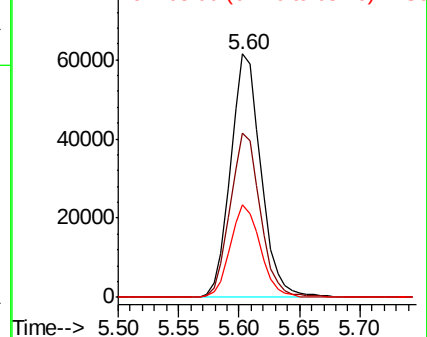
112 100

64 67.4 53.4 80.2

63 38.1 29.3 43.9



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: 42.825 ng

RT: 7.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BG038505.D

Acq: 12 Dec 2018 18:47

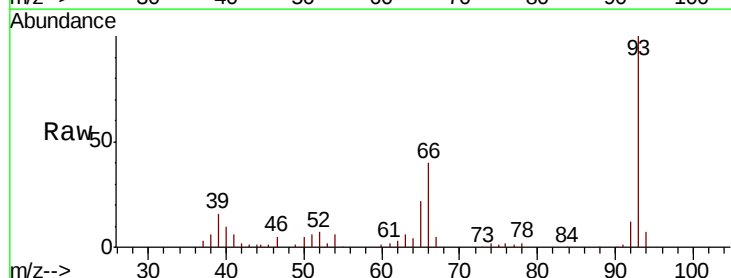
Tgt Ion: 93 Resp: 96538

Ion Ratio Lower Upper

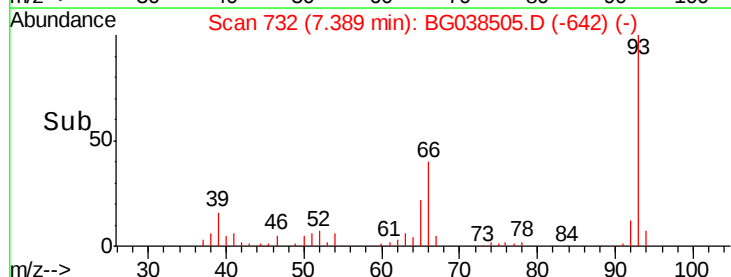
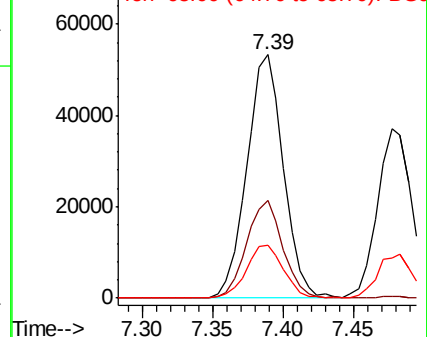
93 100

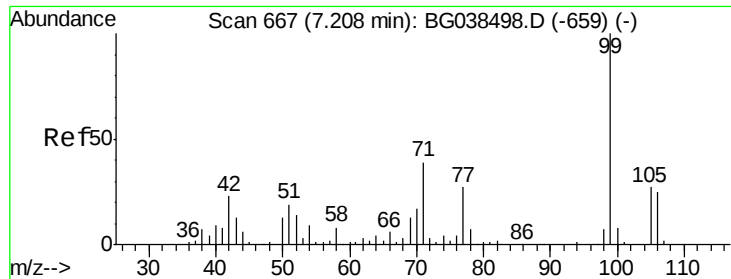
66 40.1 31.7 47.5

65 21.8 17.8 26.6



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: 85.678 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038505.D

Acq: 12 Dec 2018 18:47

Instrument :

BNA\_G

ClientSampleId :

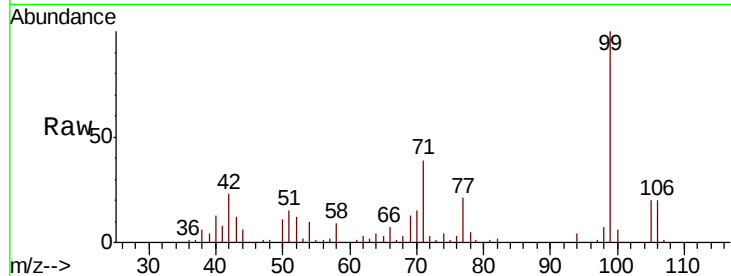
Tgt Ion: 99 Resp: 151297

Ion Ratio Lower Upper

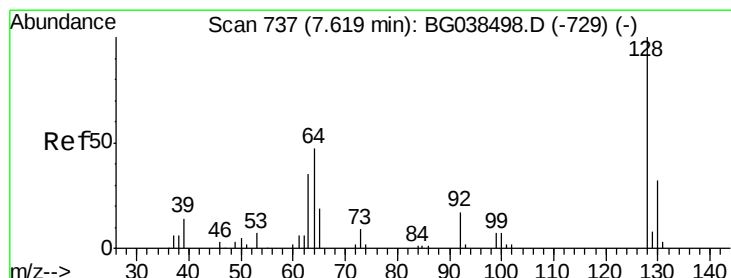
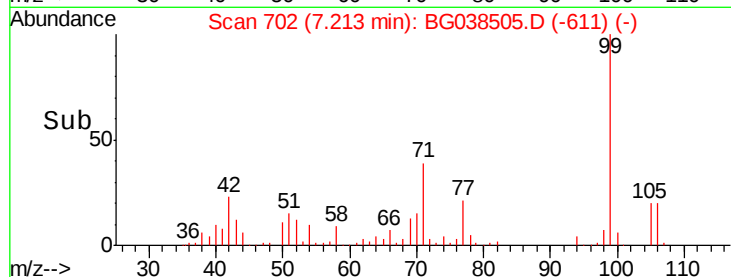
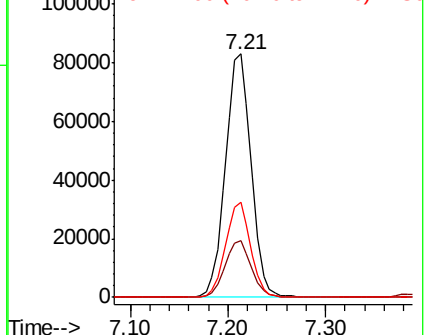
99 100

42 23.2 18.5 27.7

71 39.0 31.1 46.7



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: 40.864 ng

RT: 7.62 min Scan# 772

Delta R.T. 0.01 min

Lab File: BG038505.D

Acq: 12 Dec 2018 18:47

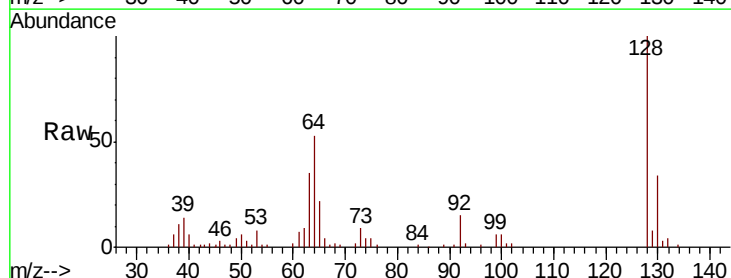
Tgt Ion: 128 Resp: 60829

Ion Ratio Lower Upper

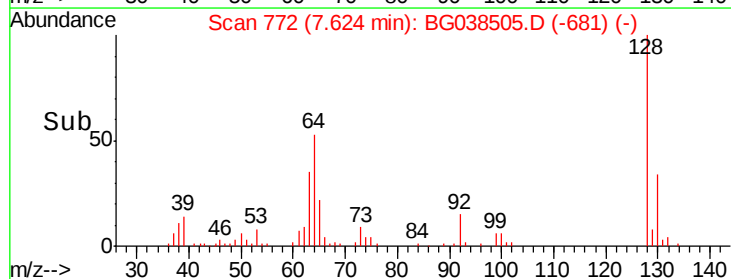
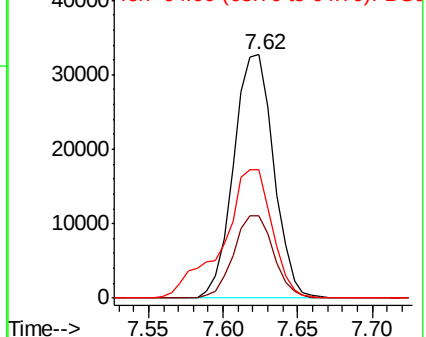
128 100

130 34.0 11.8 51.8

64 52.8 33.2 73.2



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: 39.867 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038505.D

Acq: 12 Dec 2018 18:47

Instrument :

BNA\_G

ClientSampleId :

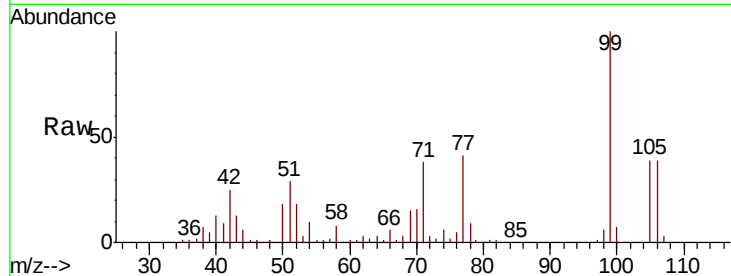
Tgt Ion: 77 Resp: 45670

Ion Ratio Lower Upper

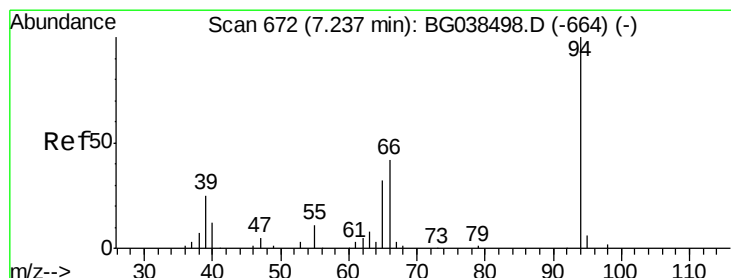
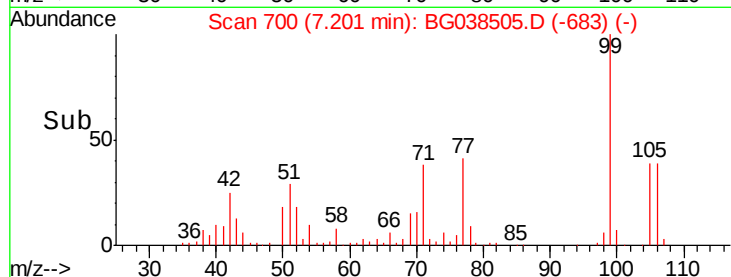
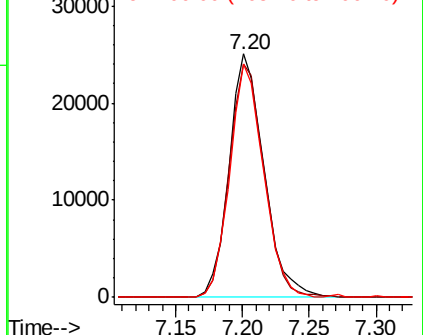
77 100

105 96.0 74.0 114.0

106 95.7 73.9 113.9



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: 42.139 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038505.D

Acq: 12 Dec 2018 18:47

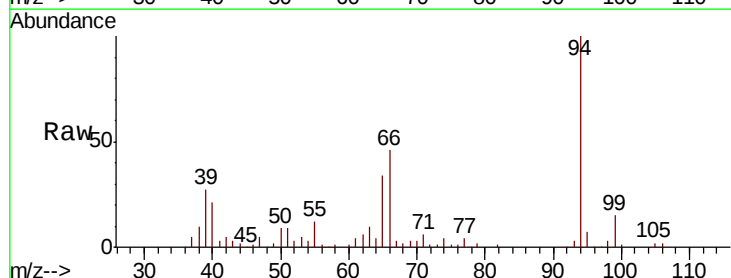
Tgt Ion: 94 Resp: 79055

Ion Ratio Lower Upper

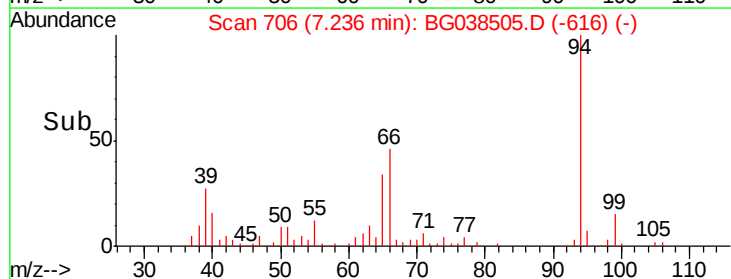
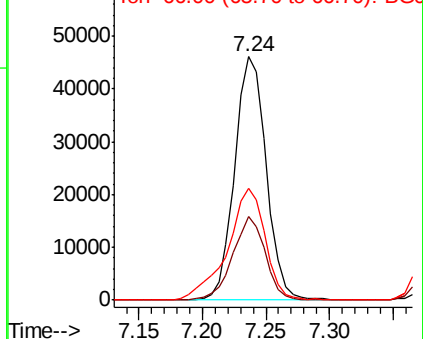
94 100

65 34.3 12.6 52.6

66 45.8 24.1 64.1



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

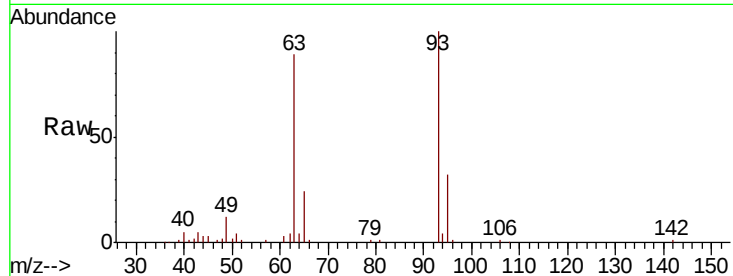




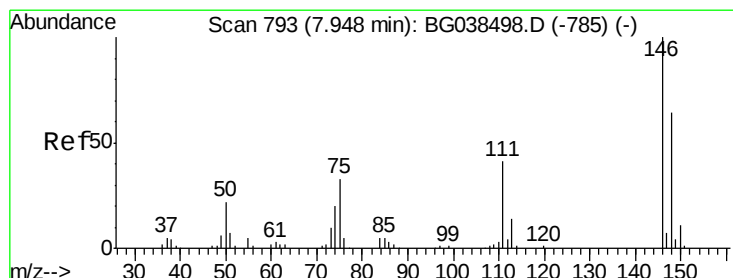
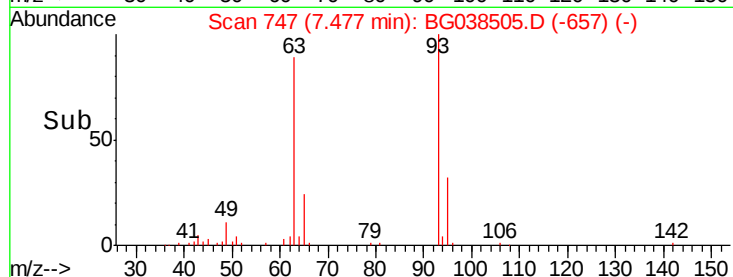
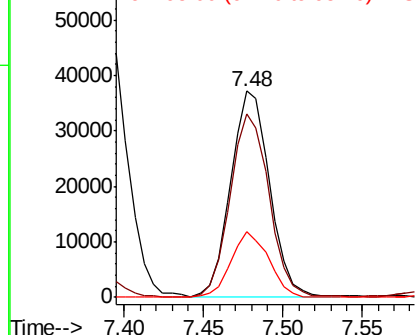
#11  
bis(2-Chloroethyl)ether  
Concen: 41.927 ng  
RT: 7.48 min Scan# 747  
Delta R.T. -0.00 min  
Lab File: BG038505.D  
Acq: 12 Dec 2018 18:47

Instrument :  
BNA\_G  
ClientSampled :

Tgt Ion: 93 Resp: 62624  
Ion Ratio Lower Upper  
93 100  
63 89.2 72.2 112.2  
95 32.0 11.2 51.2

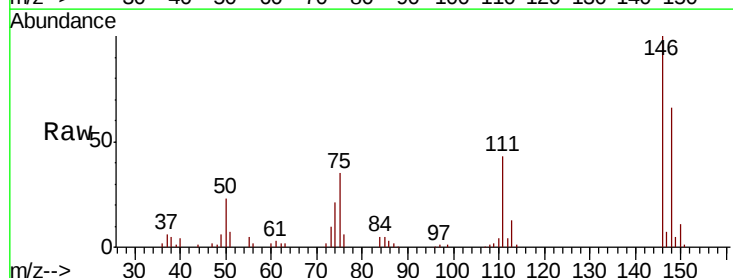


Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC

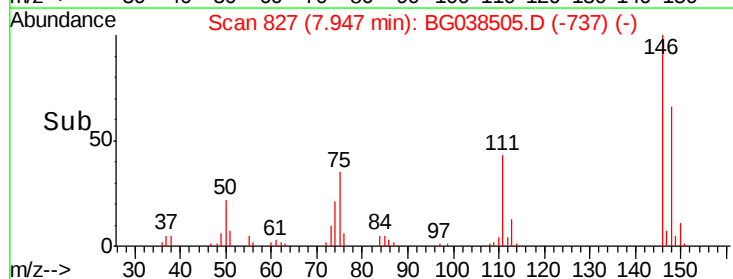
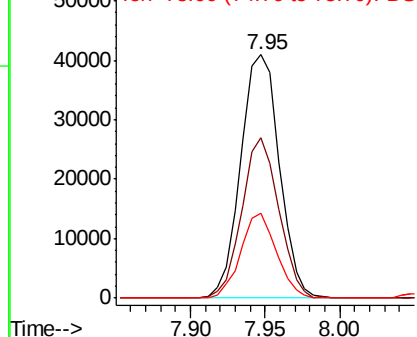


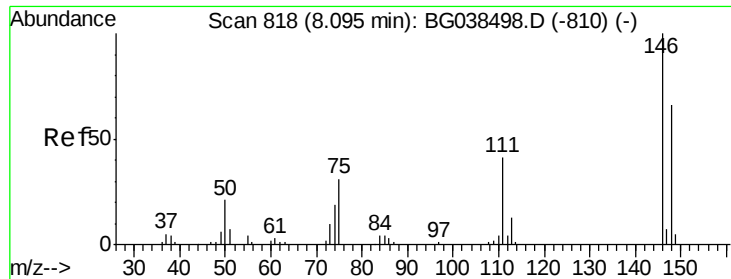
#12  
1,3-Dichlorobenzene  
Concen: 41.789 ng  
RT: 7.95 min Scan# 827  
Delta R.T. -0.00 min  
Lab File: BG038505.D  
Acq: 12 Dec 2018 18:47

Tgt Ion: 146 Resp: 73551  
Ion Ratio Lower Upper  
146 100  
148 66.1 51.4 77.0  
75 34.8 26.1 39.1



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 75.00 (74.70 to 75.70): BGC

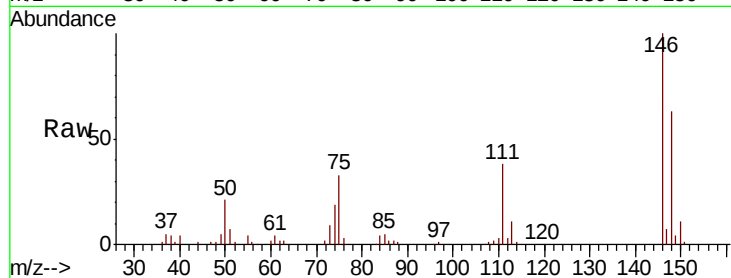




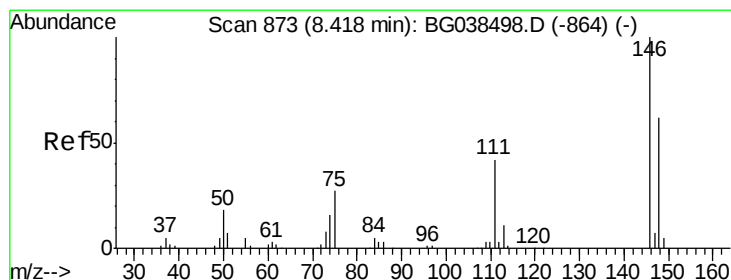
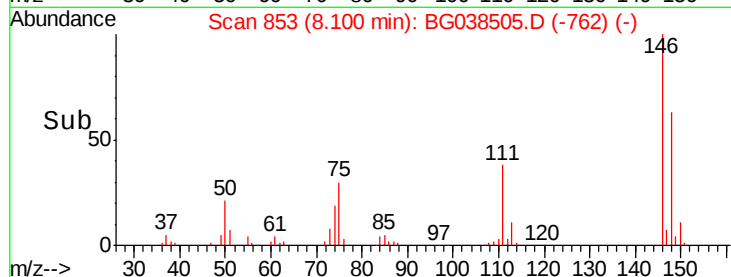
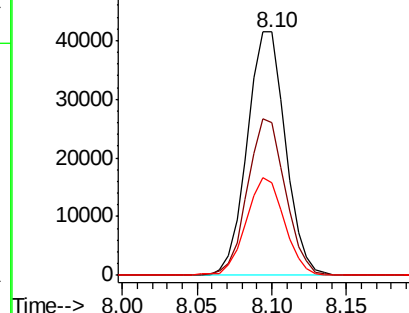
#13  
 1,4-Dichlorobenzene  
 Concen: 40.635 ng  
 RT: 8.10 min Scan# 853  
 Delta R.T. 0.01 min  
 Lab File: BG038505.D  
 Acq: 12 Dec 2018 18:47

Instrument :  
 BNA\_G  
 ClientSampled :

Tgt Ion:146 Resp: 73248  
 Ion Ratio Lower Upper  
 146 100  
 148 62.9 52.4 78.6  
 111 37.8 33.0 49.4

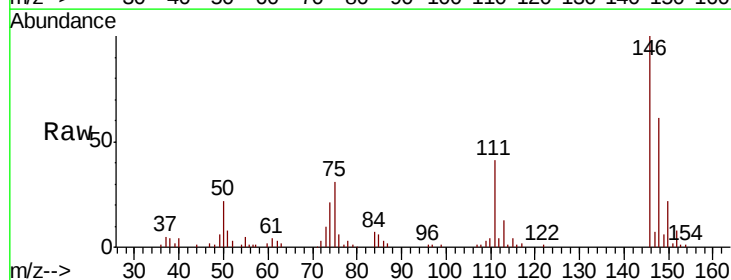


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

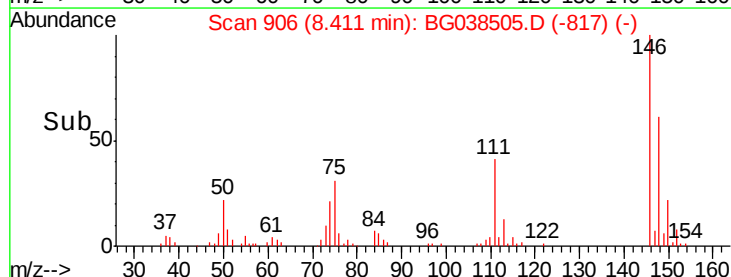
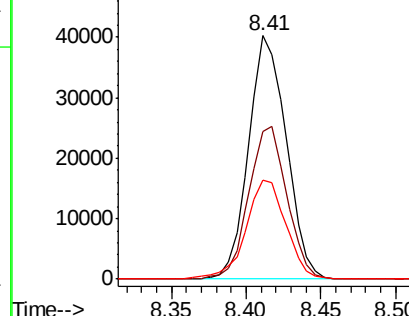


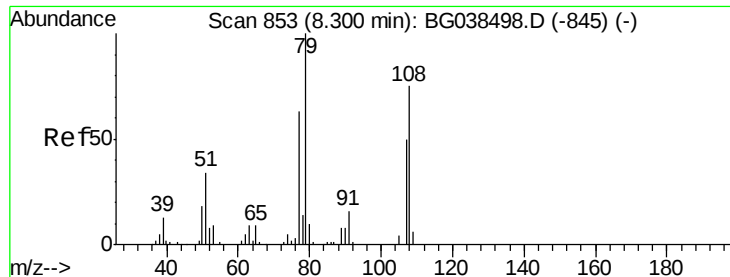
#14  
 1,2-Dichlorobenzene  
 Concen: 41.296 ng  
 RT: 8.41 min Scan# 906  
 Delta R.T. -0.01 min  
 Lab File: BG038505.D  
 Acq: 12 Dec 2018 18:47

Tgt Ion:146 Resp: 70178  
 Ion Ratio Lower Upper  
 146 100  
 148 60.5 49.4 74.0  
 111 40.9 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.457 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG038505.D

Acq: 12 Dec 2018 18:47

Instrument :

BNA\_G

ClientSampleId :

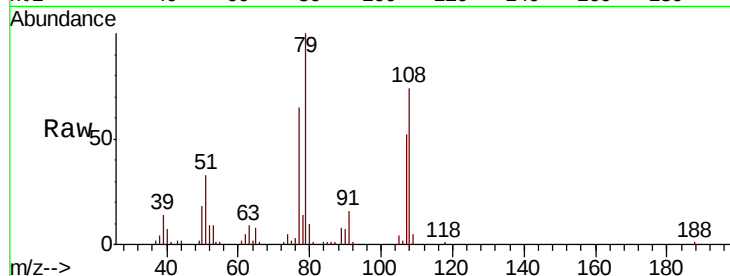
Tgt Ion: 79 Resp: 59898

Ion Ratio Lower Upper

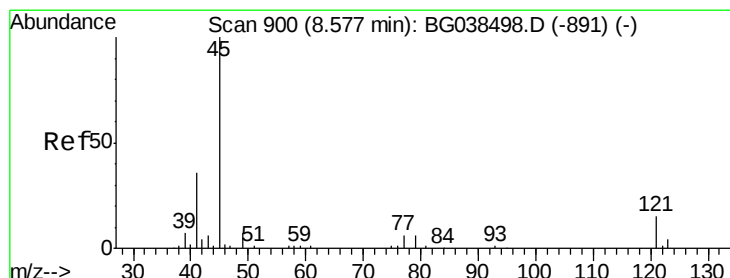
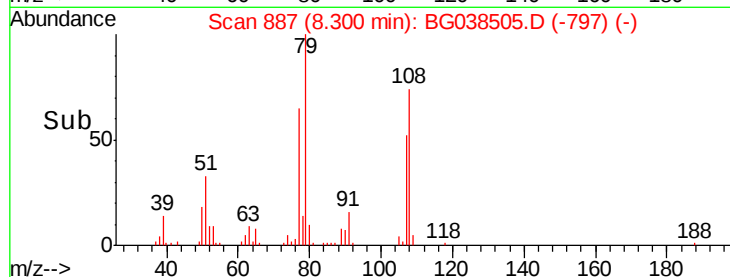
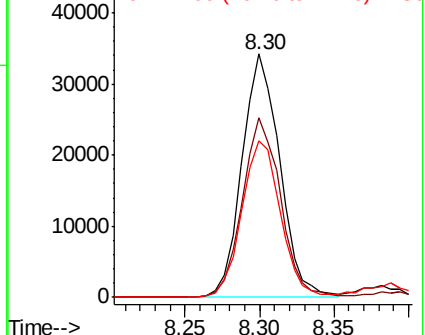
79 100

108 73.9 60.2 90.4

77 64.5 50.7 76.1



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: 41.426 ng

RT: 8.59 min Scan# 936

Delta R.T. 0.01 min

Lab File: BG038505.D

Acq: 12 Dec 2018 18:47

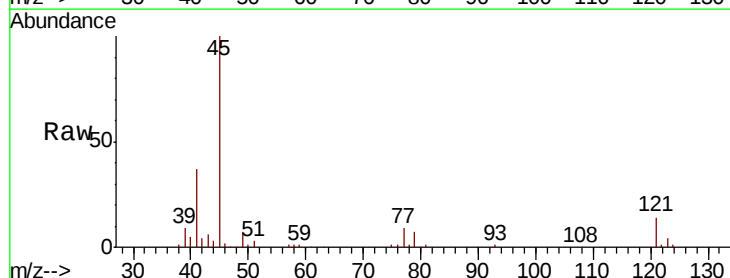
Tgt Ion: 45 Resp: 141741

Ion Ratio Lower Upper

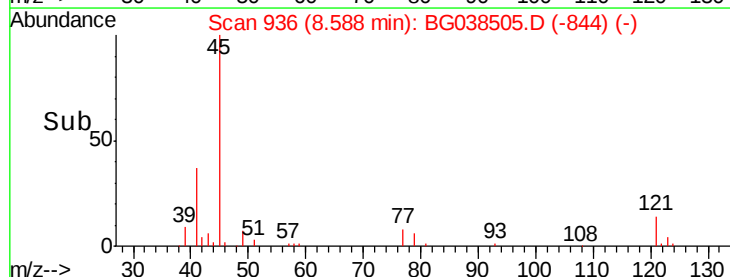
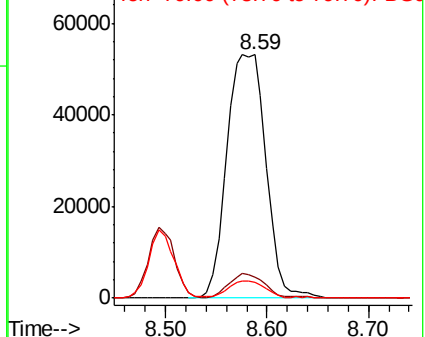
45 100

77 8.5 0.0 28.2

79 6.7 0.0 27.2



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

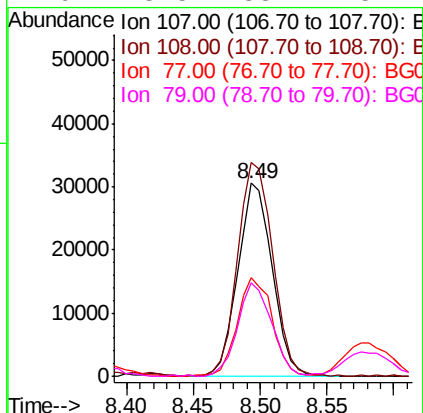
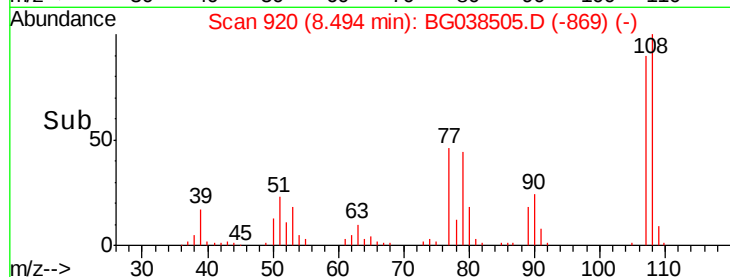
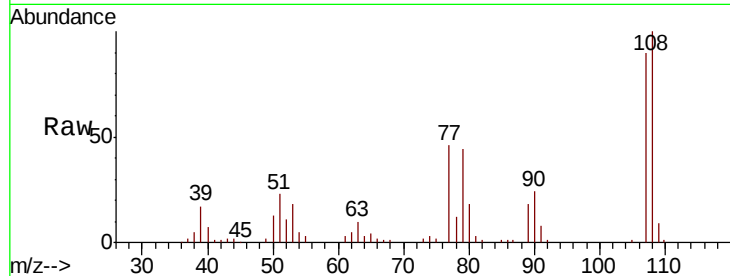




#17  
2-Methylphenol  
Concen: 43.294 ng  
RT: 8.49 min Scan# 920  
Delta R.T. -0.00 min  
Lab File: BG038505.D  
Acq: 12 Dec 2018 18:47

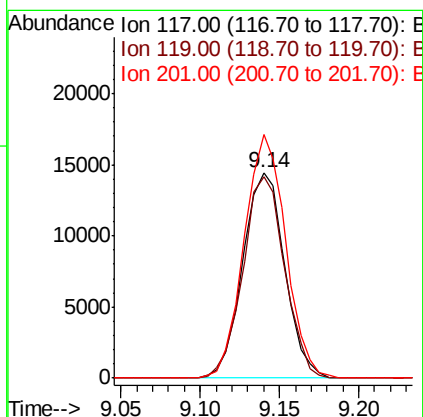
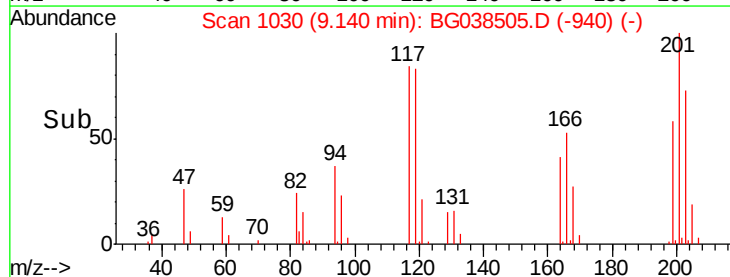
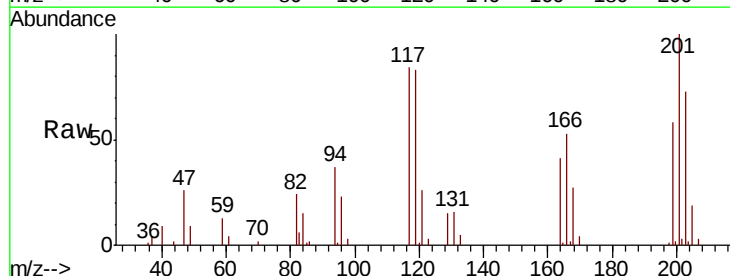
Instrument :  
BNA\_G  
ClientSampleId :

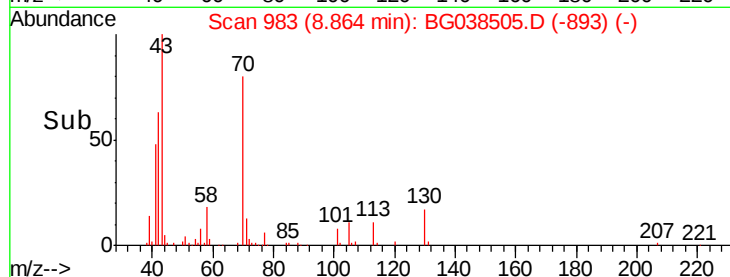
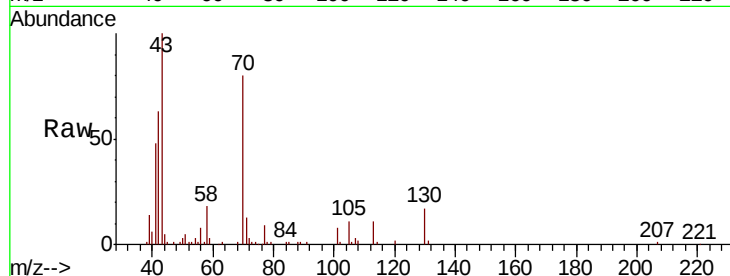
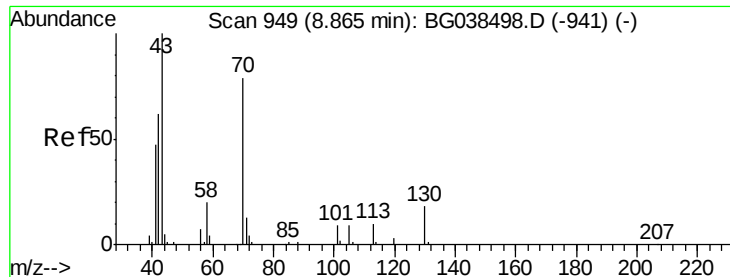
Tgt Ion:107 Resp: 54418  
Ion Ratio Lower Upper  
107 100  
108 110.6 87.1 130.7  
77 50.9 42.0 63.0  
79 48.5 38.2 57.2



#18  
Hexachloroethane  
Concen: 40.265 ng  
RT: 9.14 min Scan# 1030  
Delta R.T. -0.00 min  
Lab File: BG038505.D  
Acq: 12 Dec 2018 18:47

Tgt Ion:117 Resp: 26522  
Ion Ratio Lower Upper  
117 100  
119 98.3 73.8 110.8  
201 122.3 89.4 134.0

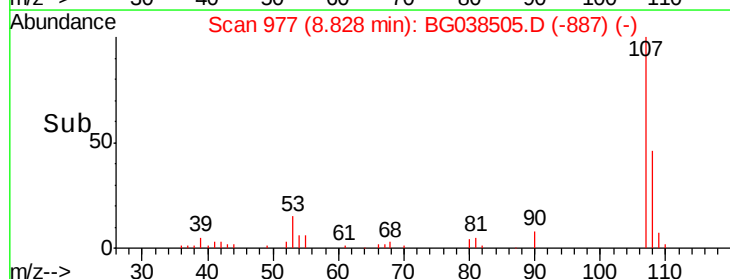
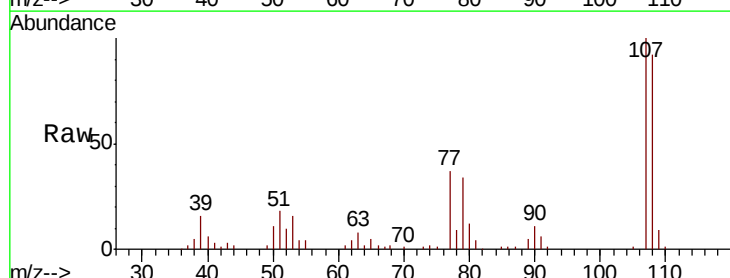
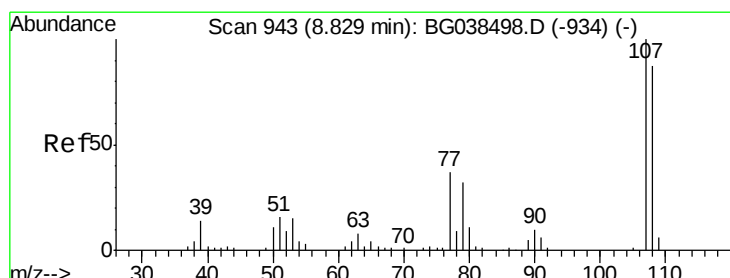
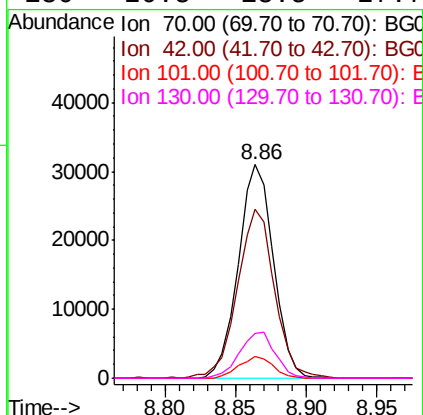




#19  
n-Nitroso-di-n-propylamine  
Concen: 43.481 ng  
RT: 8.86 min Scan# 983  
Delta R.T. -0.00 min  
Lab File: BG038505.D  
Acq: 12 Dec 2018 18:47

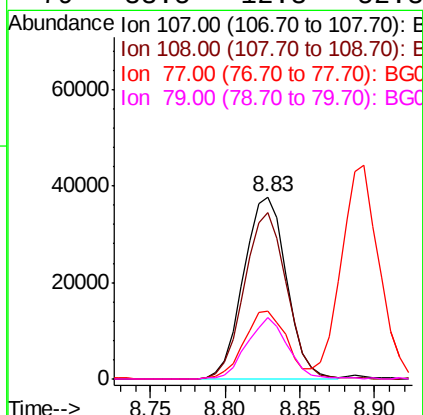
Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 53927 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 79.3  | 63.6  | 95.4  |
| 101      | 10.2  | 9.2   | 13.8  |
| 130      | 20.8  | 18.5  | 27.7  |



#20  
3+4-Methylphenols  
Concen: 43.285 ng  
RT: 8.83 min Scan# 977  
Delta R.T. -0.00 min  
Lab File: BG038505.D  
Acq: 12 Dec 2018 18:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 75139 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 91.7  | 66.7  | 106.7 |
| 77       | 37.3  | 17.3  | 57.3  |
| 79       | 33.5  | 12.3  | 52.3  |

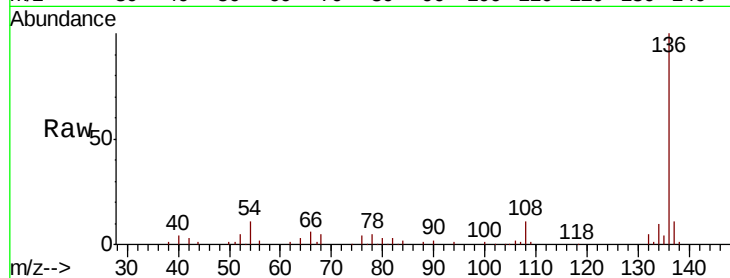




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.88 min Scan# 1326  
Delta R.T. -0.00 min  
Lab File: BG038505.D  
Acq: 12 Dec 2018 18:47

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 97491 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 10.8  | 9.3   | 13.9  |
| 54       | 11.5  | 8.5   | 12.7  |
| 68       | 5.1   | 3.5   | 5.3   |



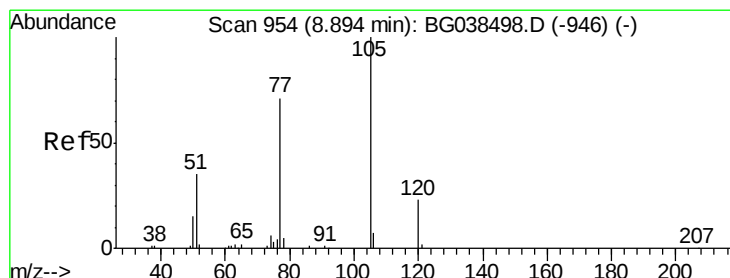
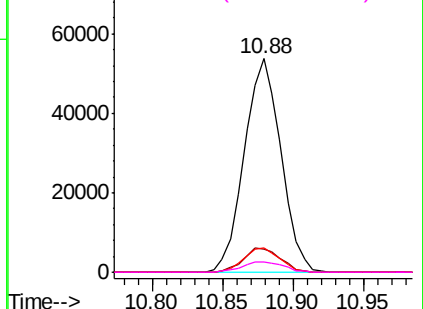
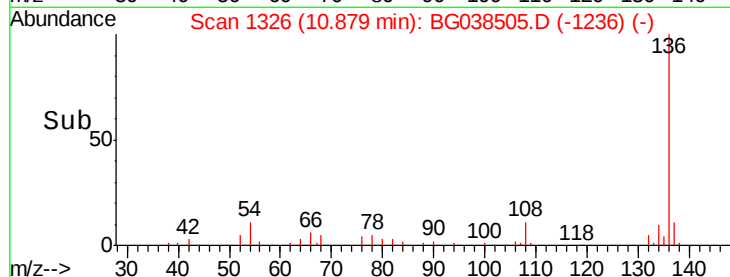
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

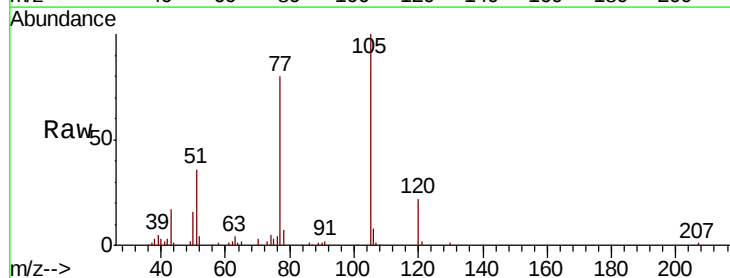
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22  
Acetophenone  
Concen: 40.807 ng  
RT: 8.89 min Scan# 988  
Delta R.T. -0.00 min  
Lab File: BG038505.D  
Acq: 12 Dec 2018 18:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 99369 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 71       | 0.4   | 0.4   | 0.6   |
| 51       | 35.7  | 30.6  | 46.0  |
| 120      | 22.2  | 18.6  | 28.0  |



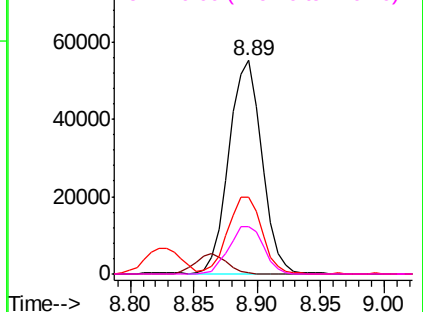
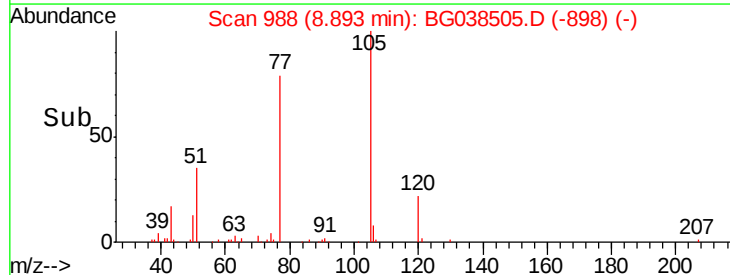
Abundance

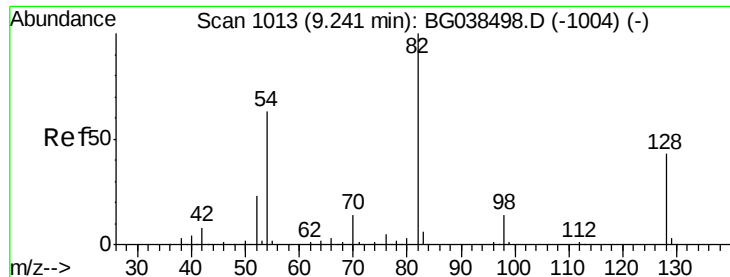
Ion 105.00 (104.70 to 105.70): E

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

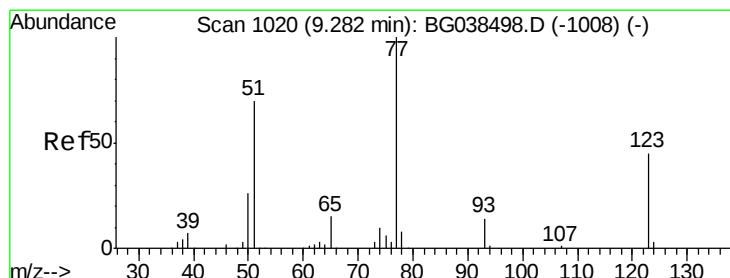
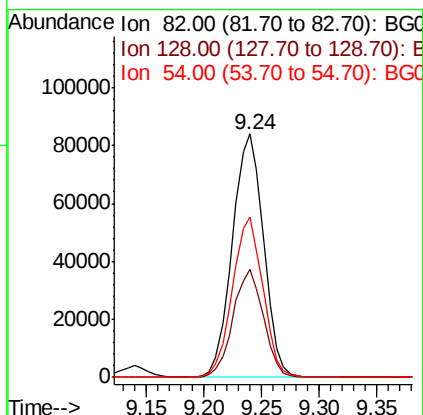
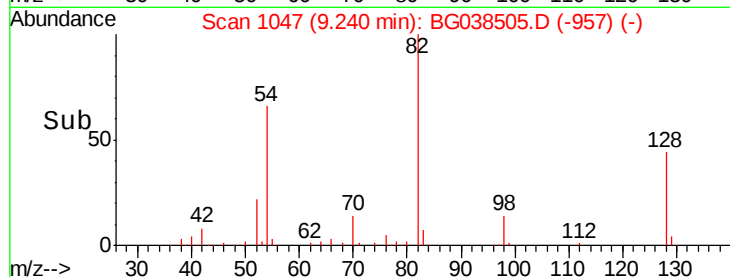
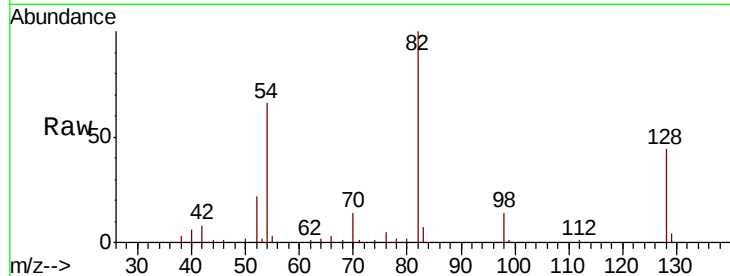




#23  
 Nitrobenzene-d5  
 Concen: 82.388 ng  
 RT: 9.24 min Scan# 1047  
 Delta R.T. -0.00 min  
 Lab File: BG038505.D  
 Acq: 12 Dec 2018 18:47

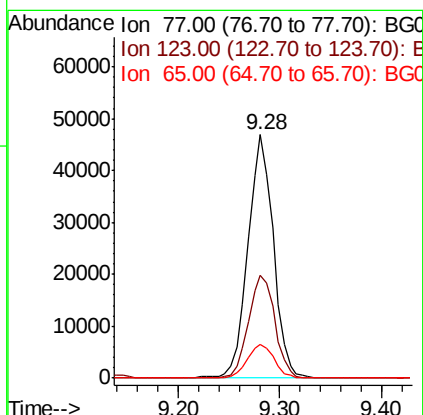
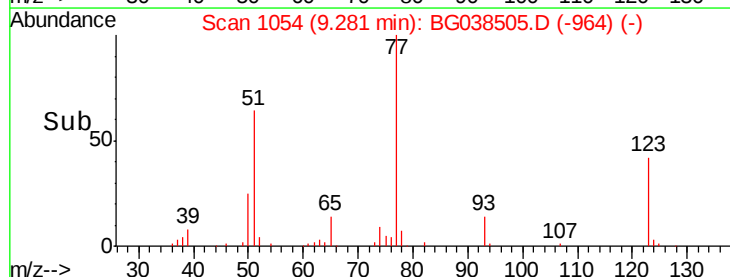
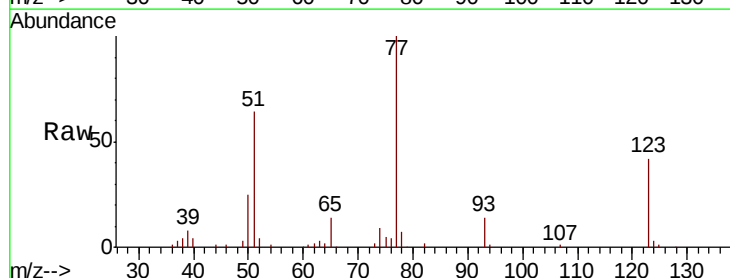
Instrument :  
 BNA\_G  
 ClientSampled :

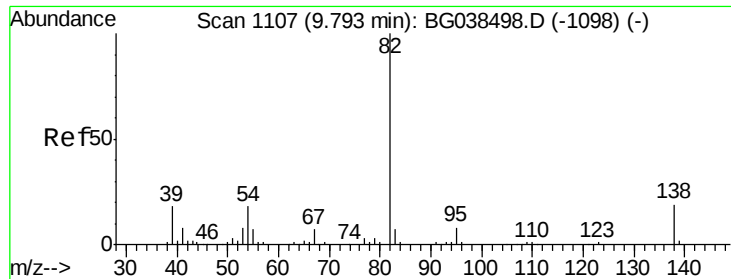
Tgt Ion: 82 Resp: 157223  
 Ion Ratio Lower Upper  
 82 100  
 128 44.2 34.6 52.0  
 54 65.9 50.6 76.0



#24  
 Nitrobenzene  
 Concen: 42.214 ng  
 RT: 9.28 min Scan# 1054  
 Delta R.T. -0.00 min  
 Lab File: BG038505.D  
 Acq: 12 Dec 2018 18:47

Tgt Ion: 77 Resp: 81495  
 Ion Ratio Lower Upper  
 77 100  
 123 42.2 35.9 53.9  
 65 14.0 12.0 18.0

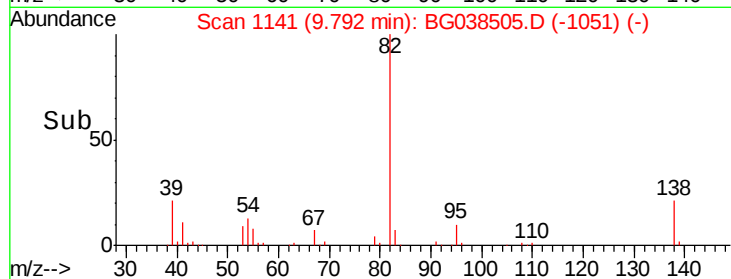
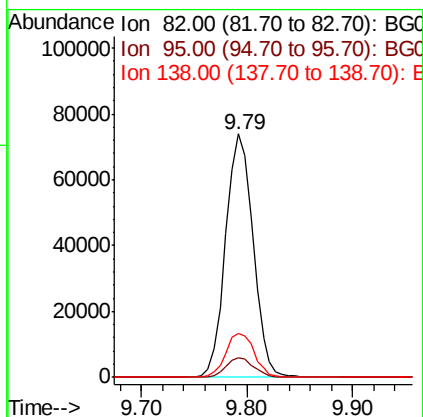
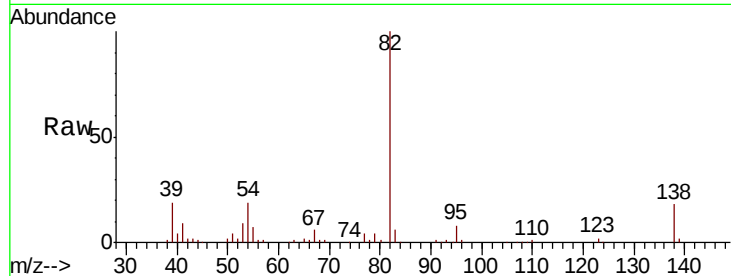




#25  
Isophorone  
Concen: 38.763 ng  
RT: 9.79 min Scan# 1141  
Delta R.T. -0.00 min  
Lab File: BG038505.D  
Acq: 12 Dec 2018 18:47

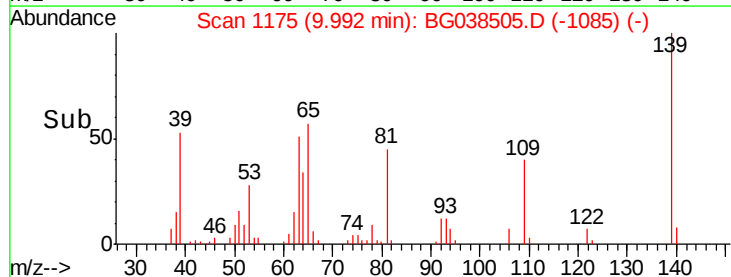
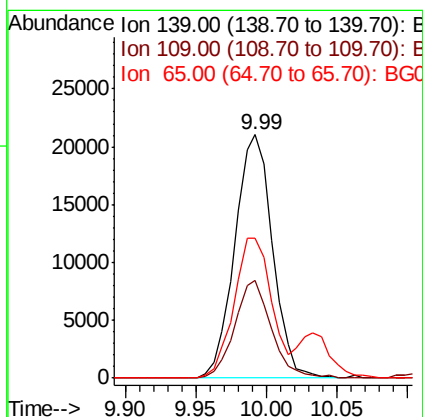
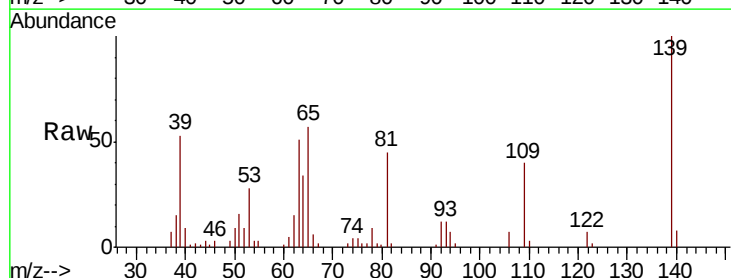
Instrument :  
BNA\_G  
ClientSampleId :

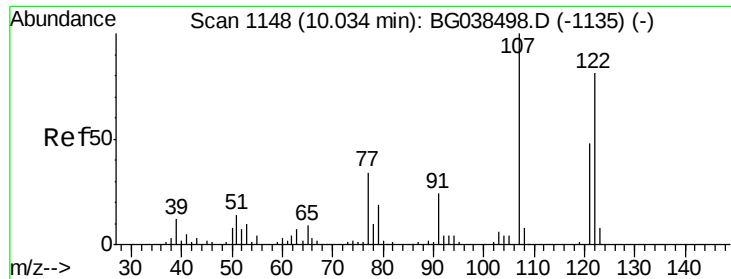
Tgt Ion: 82 Resp: 132907  
Ion Ratio Lower Upper  
82 100  
95 8.2 6.1 9.1  
138 17.8 14.9 22.3



#26  
2-Nitrophenol  
Concen: 39.849 ng  
RT: 9.99 min Scan# 1175  
Delta R.T. -0.00 min  
Lab File: BG038505.D  
Acq: 12 Dec 2018 18:47

Tgt Ion: 139 Resp: 39374  
Ion Ratio Lower Upper  
139 100  
109 40.2 29.5 44.3  
65 57.3 48.5 72.7

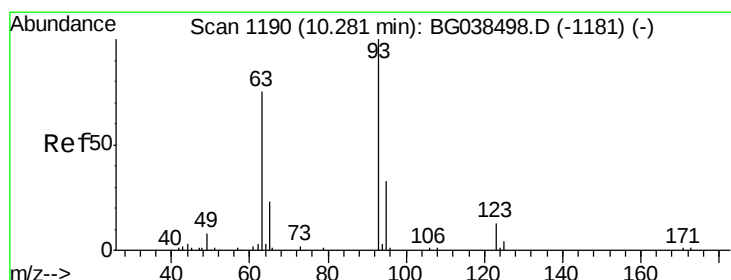
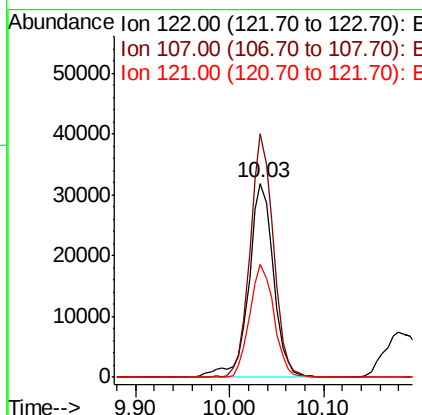
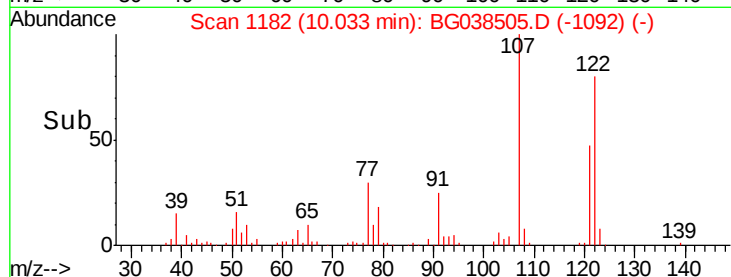
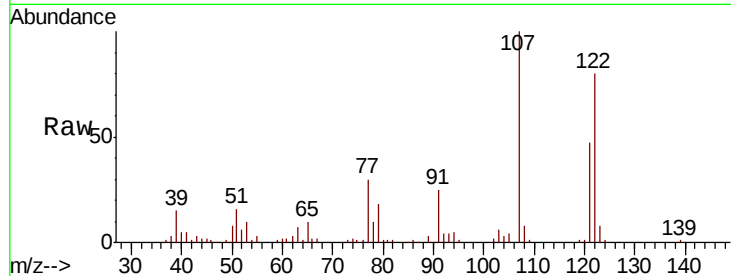




#27  
 2,4-Dimethylphenol  
 Concen: 41.073 ng  
 RT: 10.03 min Scan# 1182  
 Delta R.T. -0.00 min  
 Lab File: BG038505.D  
 Acq: 12 Dec 2018 18:47

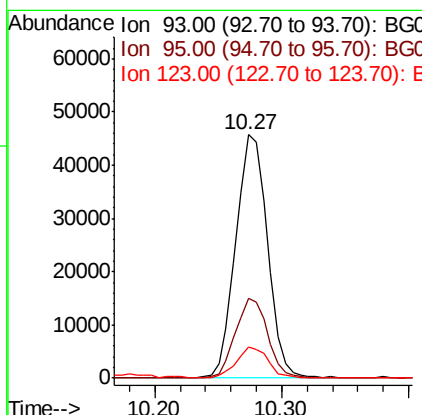
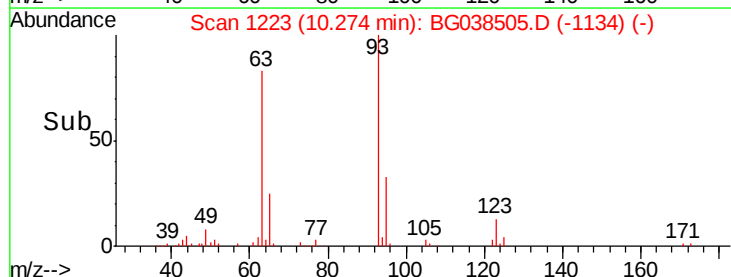
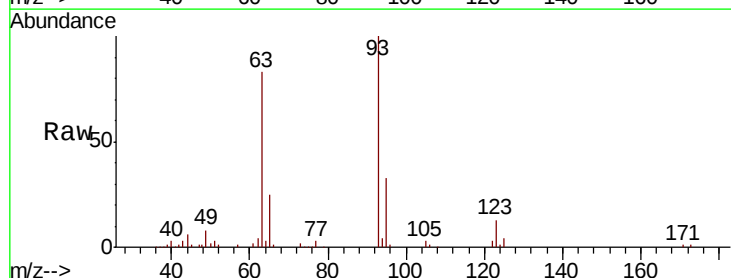
Instrument :  
 BNA\_G  
 ClientSampleId :

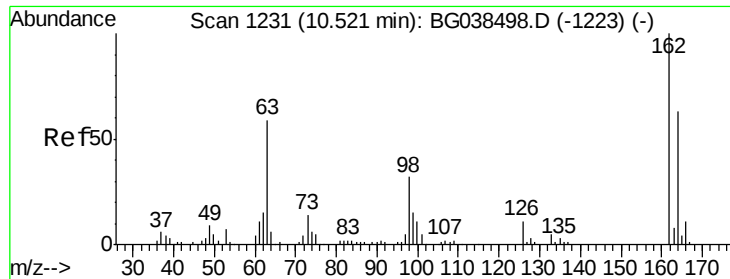
Tgt Ion:122 Resp: 58163  
 Ion Ratio Lower Upper  
 122 100  
 107 125.4 98.4 147.6  
 121 58.5 47.2 70.8



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 41.137 ng  
 RT: 10.27 min Scan# 1223  
 Delta R.T. -0.01 min  
 Lab File: BG038505.D  
 Acq: 12 Dec 2018 18:47

Tgt Ion: 93 Resp: 79598  
 Ion Ratio Lower Upper  
 93 100  
 95 32.6 26.6 40.0  
 123 12.7 10.6 16.0

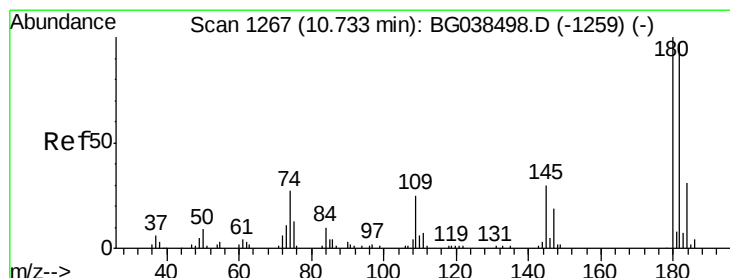
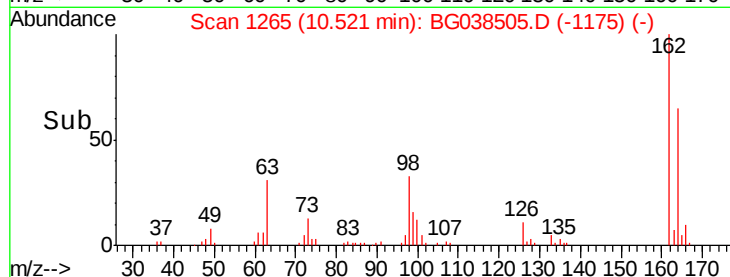
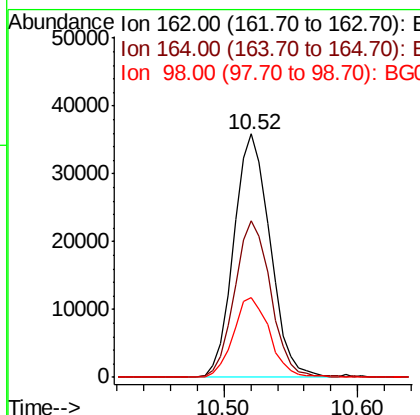
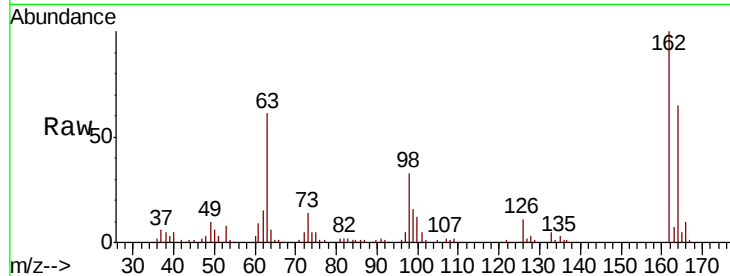




#29  
 2,4-Dichlorophenol  
 Concen: 42.902 ng  
 RT: 10.52 min Scan# 1265  
 Delta R.T. -0.00 min  
 Lab File: BG038505.D  
 Acq: 12 Dec 2018 18:47

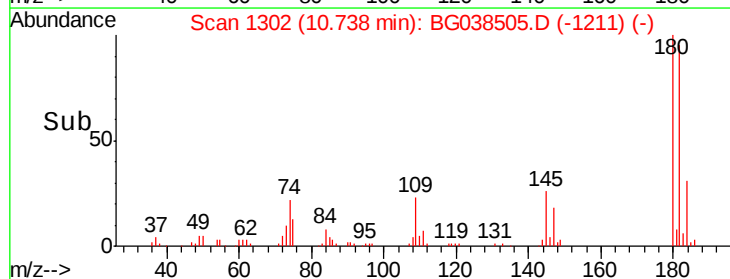
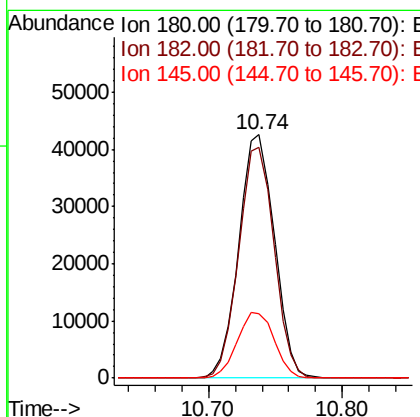
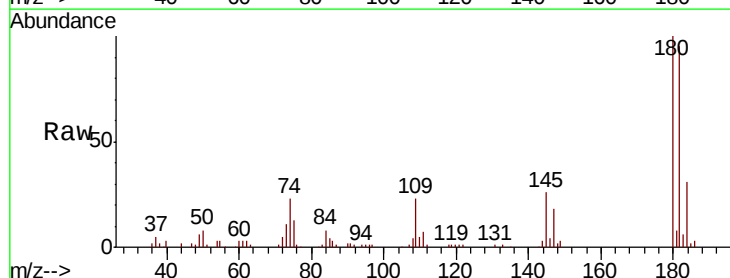
Instrument :  
 BNA\_G  
 ClientSampleId :

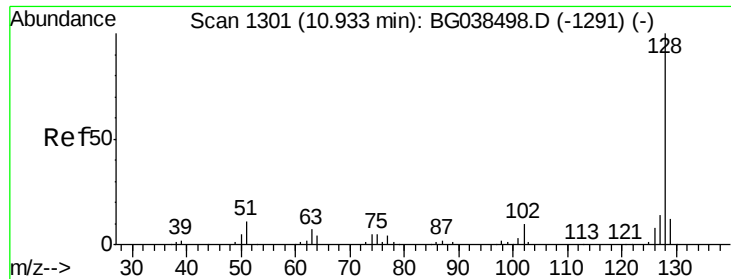
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.6  | 42.9  | 82.9  |
| 98      | 32.6  | 12.1  | 52.1  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.341 ng  
 RT: 10.74 min Scan# 1302  
 Delta R.T. 0.01 min  
 Lab File: BG038505.D  
 Acq: 12 Dec 2018 18:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.8  | 77.4  | 116.0 |
| 145     | 26.5  | 24.1  | 36.1  |

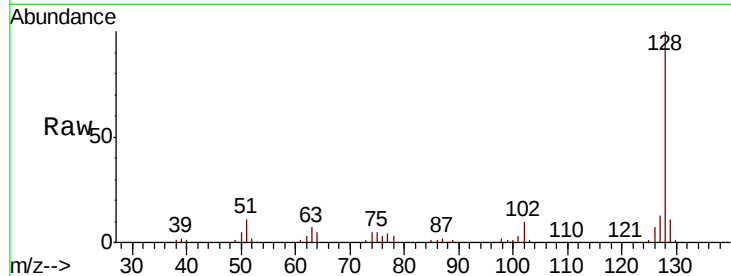




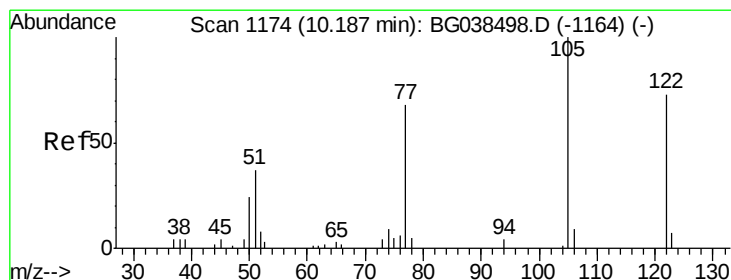
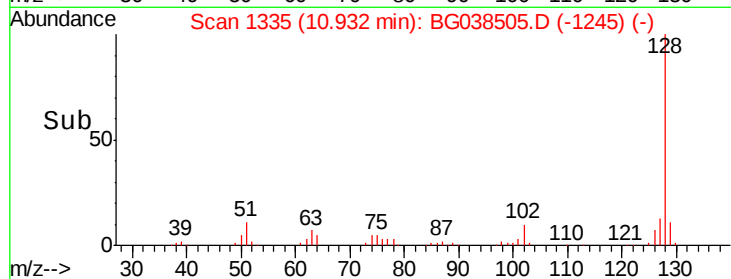
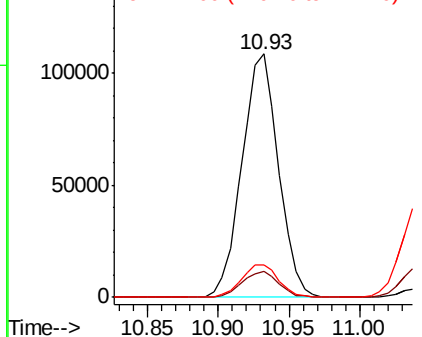
#31  
Naphthalene  
Concen: 40.871 ng  
RT: 10.93 min Scan# 1335  
Delta R.T. -0.00 min  
Lab File: BG038505.D  
Acq: 12 Dec 2018 18:47

Instrument :  
BNA\_G  
ClientSampleId :

Tgt Ion:128 Resp: 196322  
Ion Ratio Lower Upper  
128 100  
129 10.6 9.5 14.3  
127 13.5 10.9 16.3

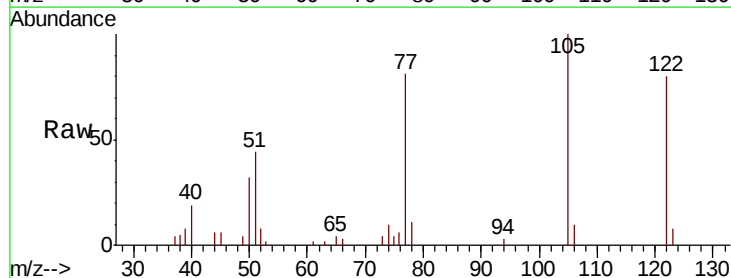


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

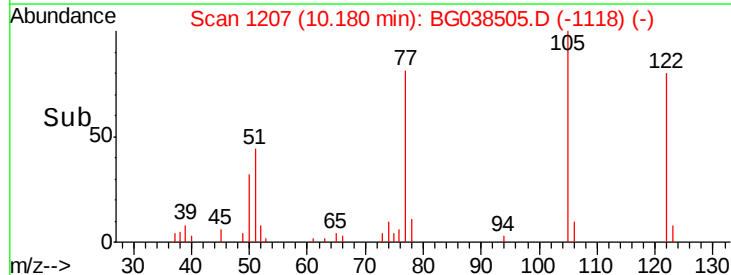
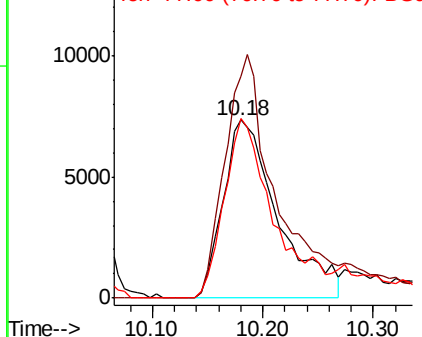


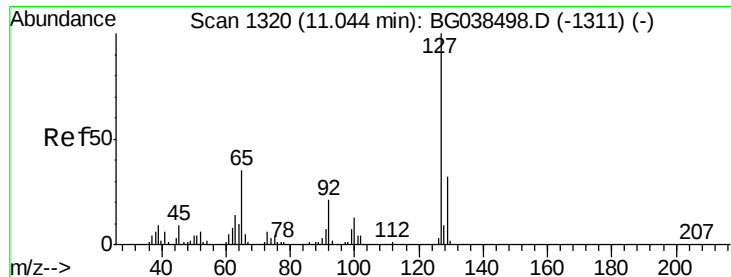
#32  
Benzoic acid  
Concen: 32.402 ng  
RT: 10.18 min Scan# 1207  
Delta R.T. -0.01 min  
Lab File: BG038505.D  
Acq: 12 Dec 2018 18:47

Tgt Ion:122 Resp: 25375  
Ion Ratio Lower Upper  
122 100  
105 124.7 116.7 156.7  
77 100.8 72.5 112.5



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): BGO

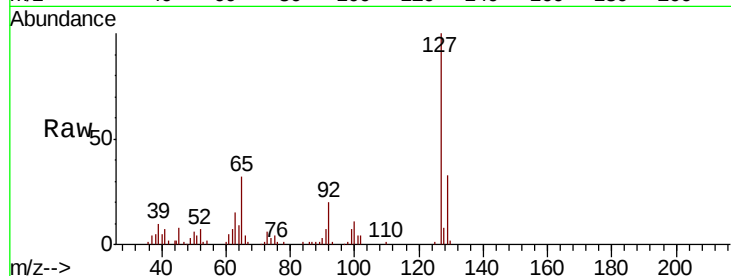




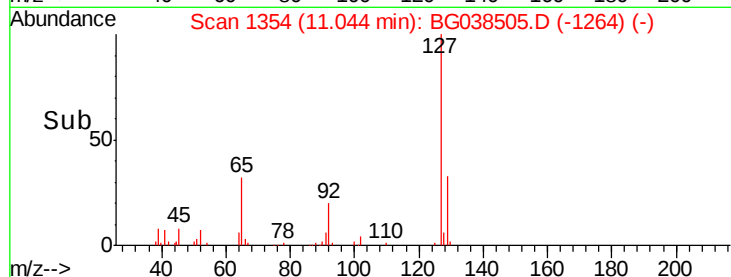
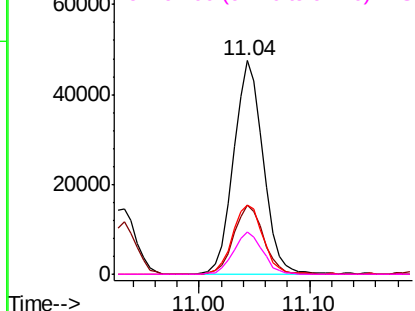
#33  
4-Chloroaniline  
Concen: 42.820 ng  
RT: 11.04 min Scan# 1354  
Delta R.T. -0.00 min  
Lab File: BG038505.D  
Acq: 12 Dec 2018 18:47

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 89299 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 32.6  | 25.8  | 38.8  |
| 65       | 32.3  | 27.8  | 41.6  |
| 92       | 19.9  | 17.0  | 25.6  |

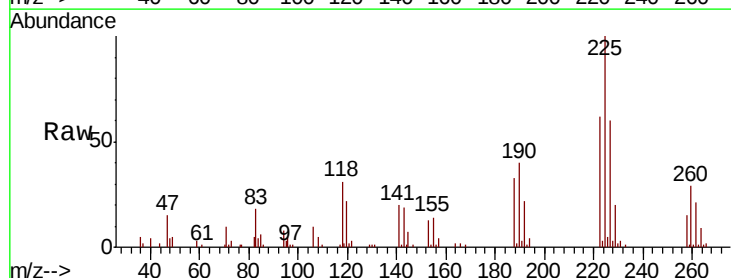


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

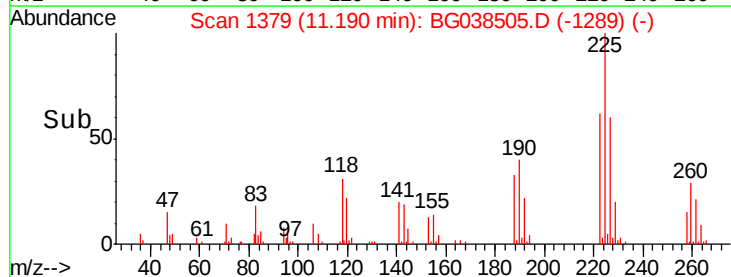
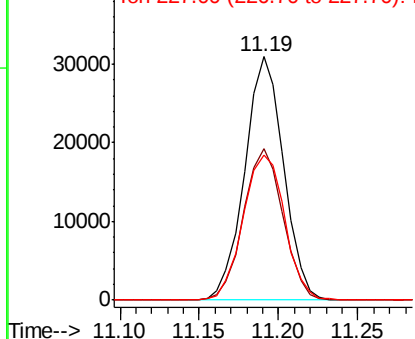


#34  
Hexachlorobutadiene  
Concen: 40.888 ng  
RT: 11.19 min Scan# 1379  
Delta R.T. -0.00 min  
Lab File: BG038505.D  
Acq: 12 Dec 2018 18:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 52647 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 62.5  | 45.0  | 67.6  |
| 227      | 59.6  | 50.6  | 75.8  |



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

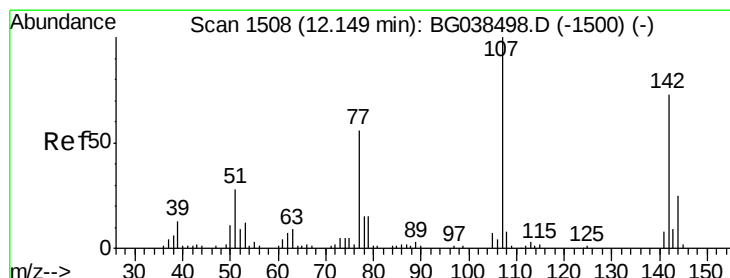
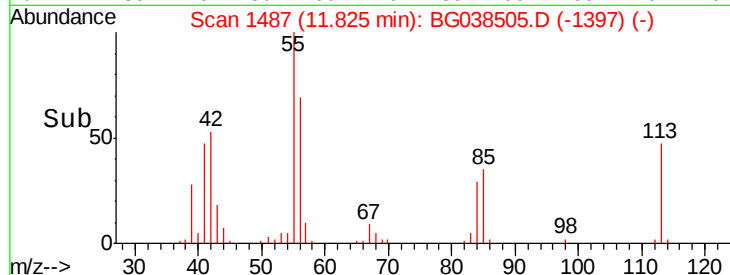
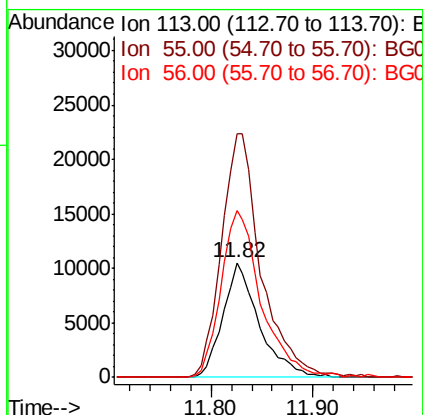
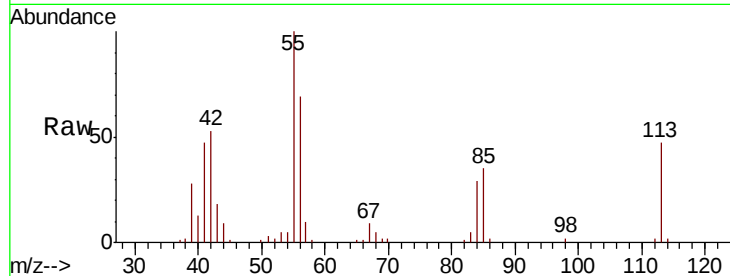




#35  
 Caprolactam  
 Concen: 40.067 ng  
 RT: 11.82 min Scan# 1487  
 Delta R.T. -0.00 min  
 Lab File: BG038505.D  
 Acq: 12 Dec 2018 18:47

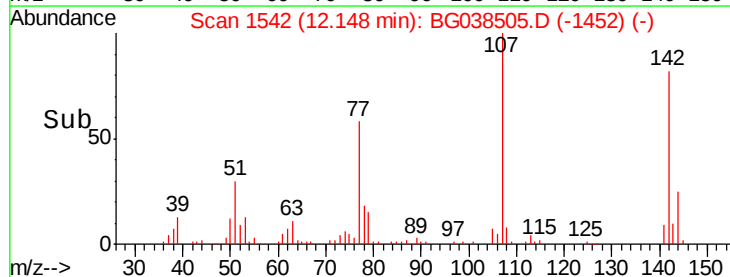
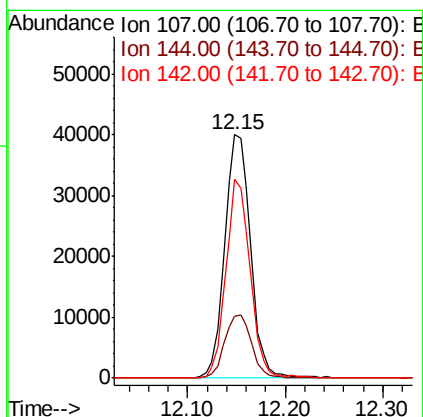
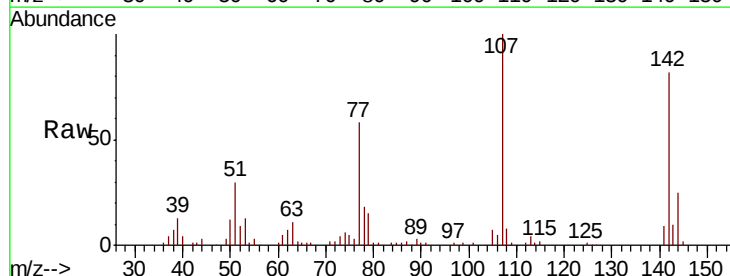
Instrument :  
 BNA\_G  
 ClientSampleId :

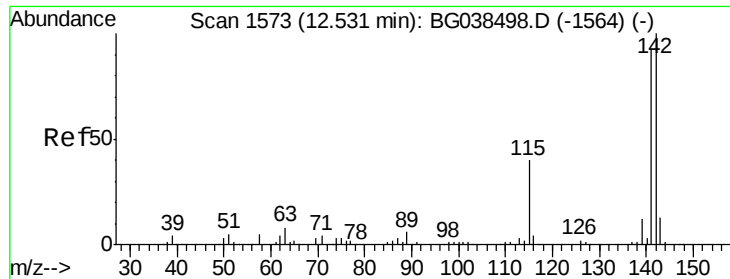
Tgt Ion:113 Resp: 26122  
 Ion Ratio Lower Upper  
 113 100  
 55 212.2 204.3 244.3  
 56 145.5 135.0 175.0



#36  
 4-Chloro-3-methylphenol  
 Concen: 40.804 ng  
 RT: 12.15 min Scan# 1542  
 Delta R.T. -0.00 min  
 Lab File: BG038505.D  
 Acq: 12 Dec 2018 18:47

Tgt Ion:107 Resp: 73356  
 Ion Ratio Lower Upper  
 107 100  
 144 25.2 20.1 30.1  
 142 81.6 58.7 88.1

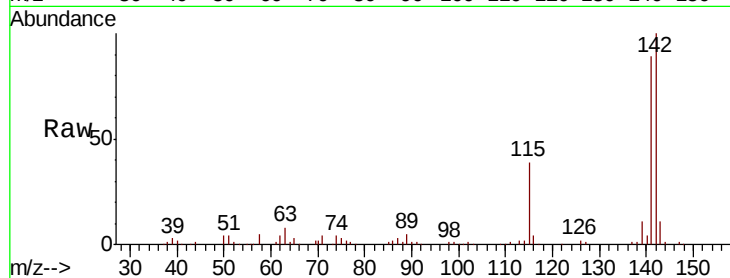




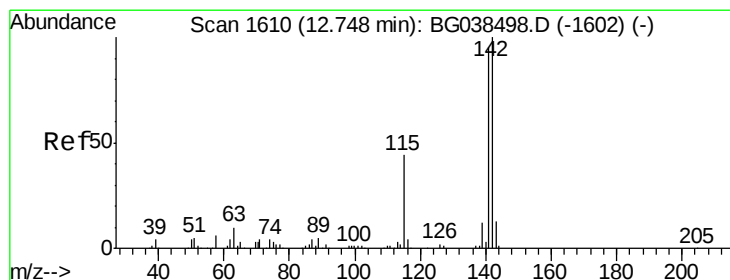
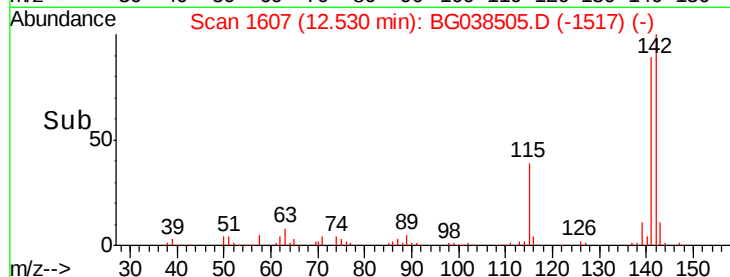
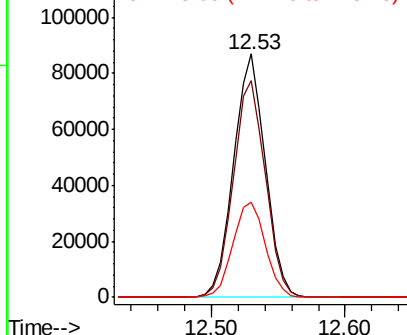
#37  
 2-Methylnaphthalene  
 Concen: 41.779 ng  
 RT: 12.53 min Scan# 1607  
 Delta R.T. -0.00 min  
 Lab File: BG038505.D  
 Acq: 12 Dec 2018 18:47

Instrument :  
 BNA\_G  
 ClientSampleId :

Tgt Ion:142 Resp: 143172  
 Ion Ratio Lower Upper  
 142 100  
 141 89.0 73.5 110.3  
 115 39.1 31.7 47.5

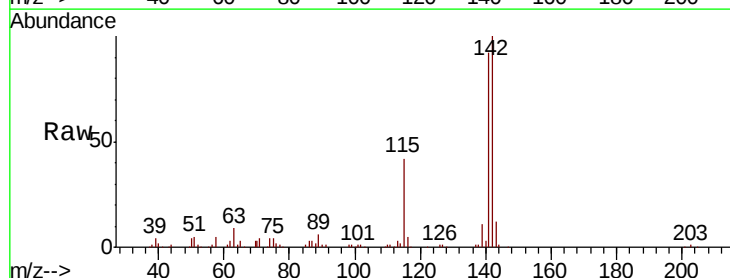


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

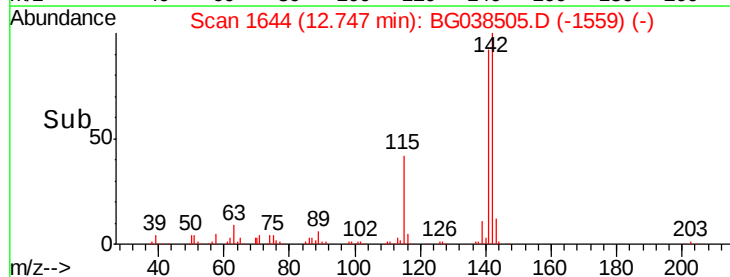
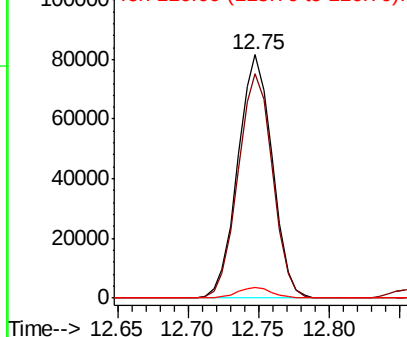


#38  
 1-Methylnaphthalene  
 Concen: 41.817 ng  
 RT: 12.75 min Scan# 1644  
 Delta R.T. -0.00 min  
 Lab File: BG038505.D  
 Acq: 12 Dec 2018 18:47

Tgt Ion:142 Resp: 139056  
 Ion Ratio Lower Upper  
 142 100  
 141 92.3 75.8 113.8  
 116 4.5 3.6 5.4



Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038505.D

Acq: 12 Dec 2018 18:47

Instrument :

BNA\_G

ClientSampleId :

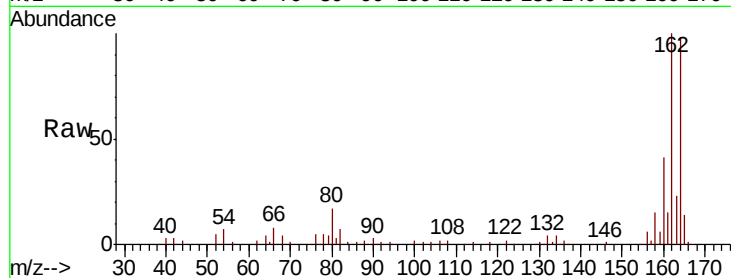
Tgt Ion:164 Resp: 65433

Ion Ratio Lower Upper

164 100

162 102.1 86.6 130.0

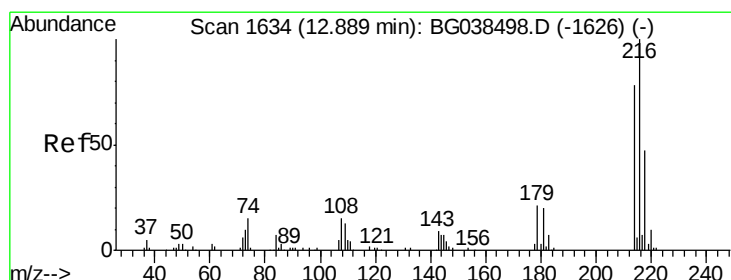
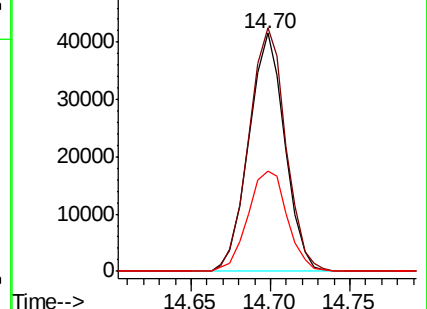
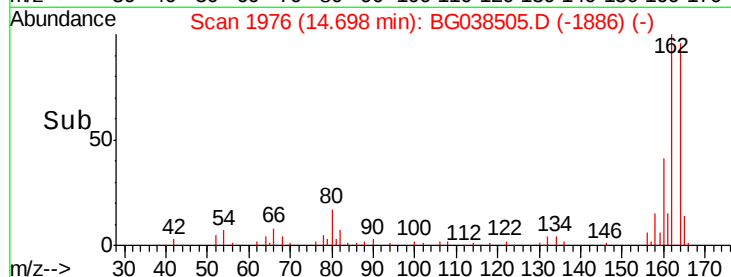
160 42.0 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.839 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038505.D

Acq: 12 Dec 2018 18:47

Tgt Ion:216 Resp: 97440

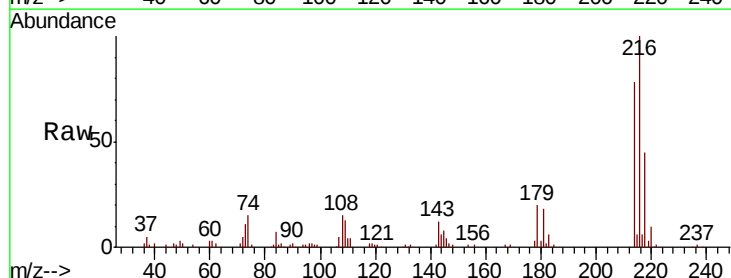
Ion Ratio Lower Upper

216 100

214 80.1 64.1 96.1

179 20.5 16.4 24.6

108 16.9 13.9 20.9

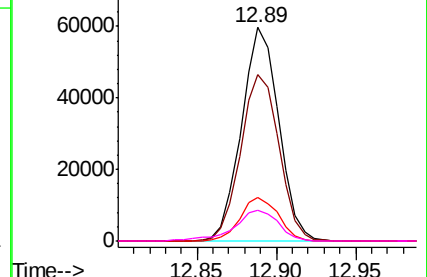
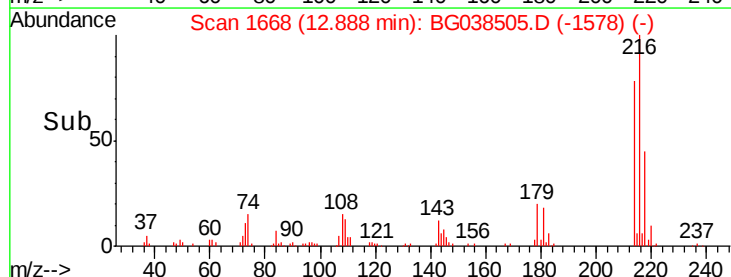


Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.119 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG038505.D

Acq: 12 Dec 2018 18:47

Instrument :

BNA\_G

ClientSampleId :

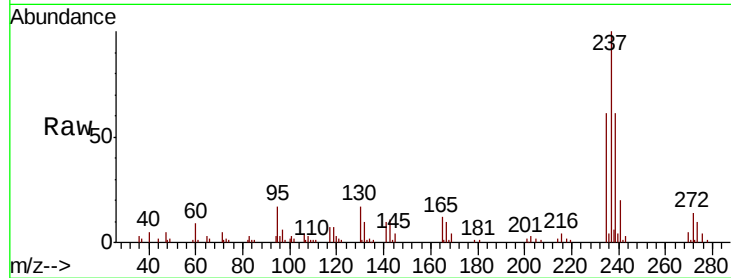
Tgt Ion:237 Resp: 49879

Ion Ratio Lower Upper

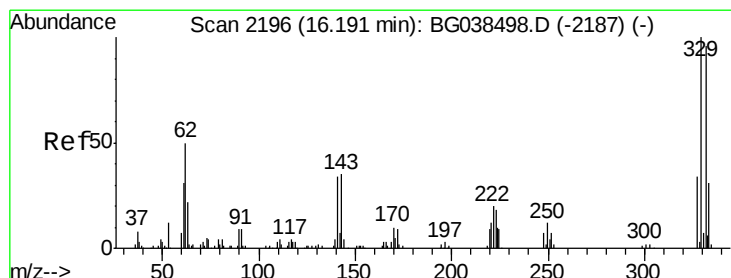
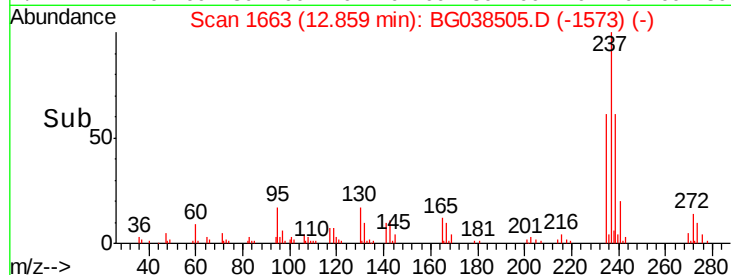
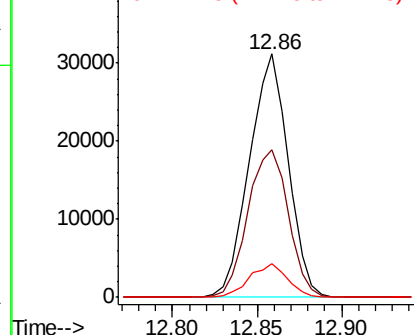
237 100

235 60.8 38.8 78.8

272 13.7 0.0 32.0



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: 84.314 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG038505.D

Acq: 12 Dec 2018 18:47

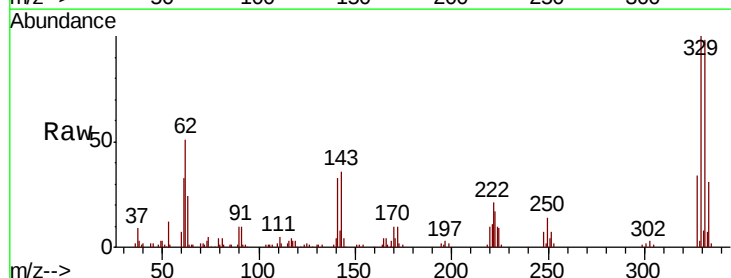
Tgt Ion:330 Resp: 76033

Ion Ratio Lower Upper

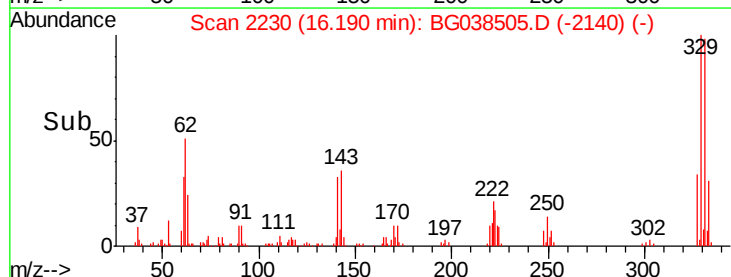
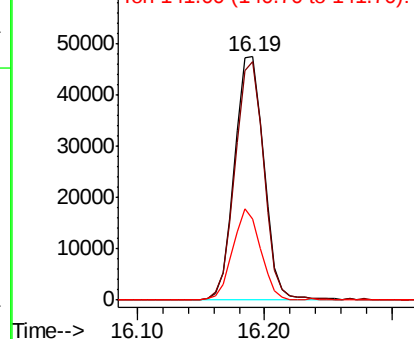
330 100

332 96.0 76.9 115.3

141 35.7 28.8 43.2



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

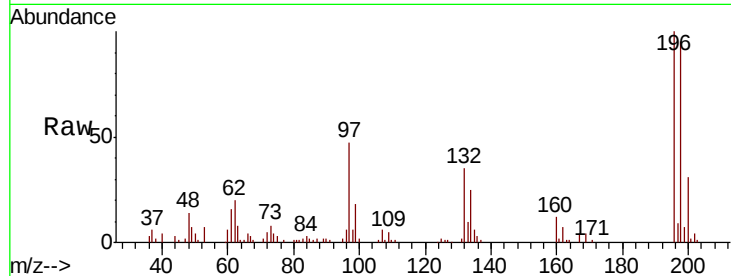




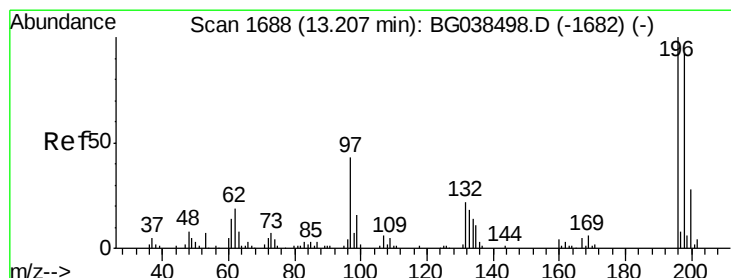
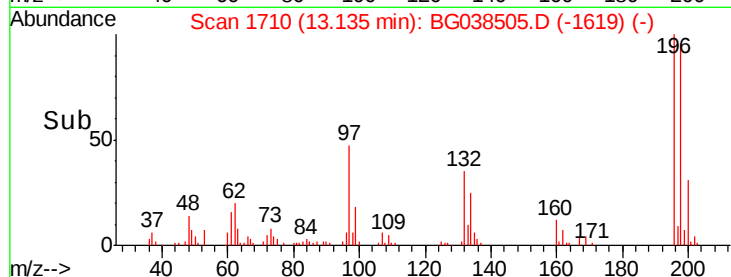
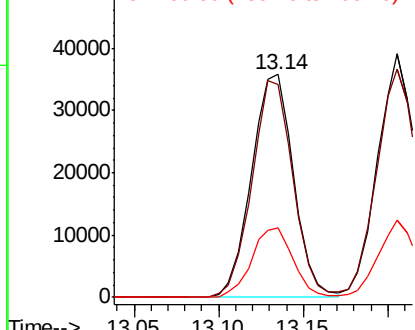
#43  
 2,4,6-Trichlorophenol  
 Concen: 40.889 ng  
 RT: 13.14 min Scan# 1710  
 Delta R.T. 0.01 min  
 Lab File: BG038505.D  
 Acq: 12 Dec 2018 18:47

Instrument :  
 BNA\_G  
 ClientSampleId :

Tgt Ion:196 Resp: 61492  
 Ion Ratio Lower Upper  
 196 100  
 198 95.4 75.0 112.4  
 200 30.9 22.4 33.6



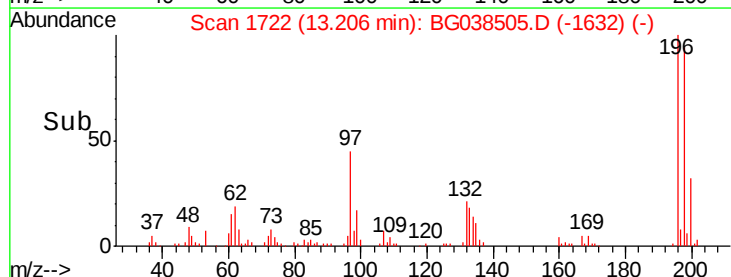
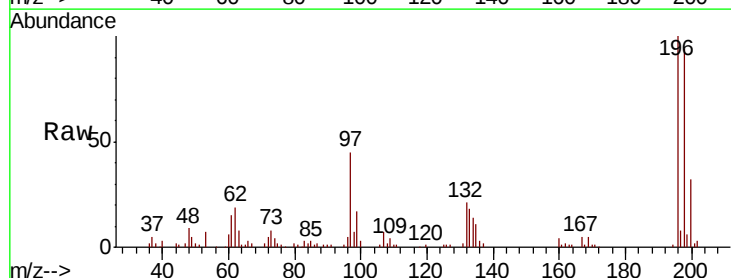
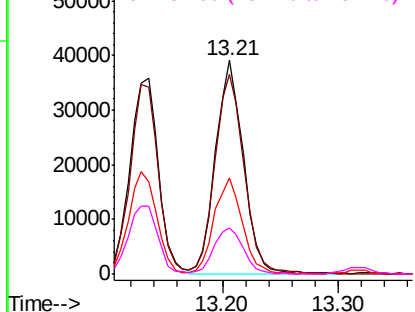
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

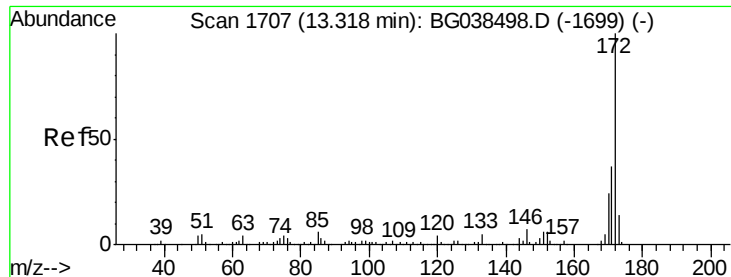


#44  
 2,4,5-Trichlorophenol  
 Concen: 41.333 ng  
 RT: 13.21 min Scan# 1722  
 Delta R.T. -0.00 min  
 Lab File: BG038505.D  
 Acq: 12 Dec 2018 18:47

Tgt Ion:196 Resp: 65812  
 Ion Ratio Lower Upper  
 196 100  
 198 93.7 74.0 111.0  
 97 44.8 35.1 52.7  
 132 21.3 18.0 27.0

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

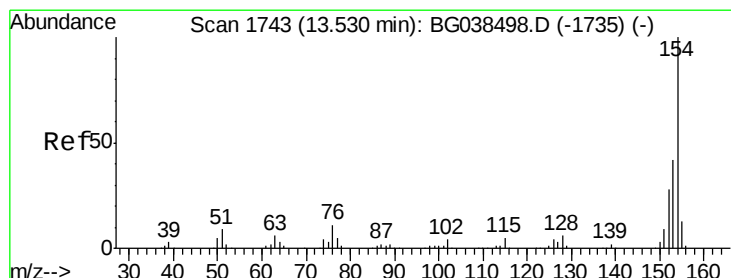
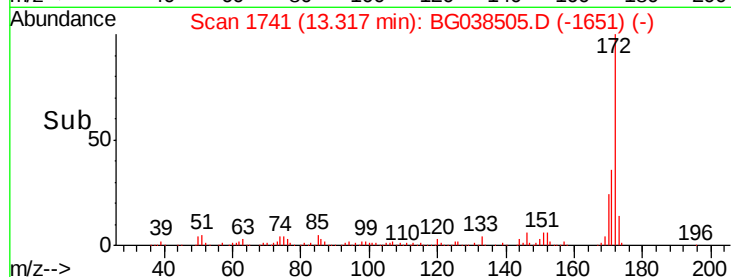
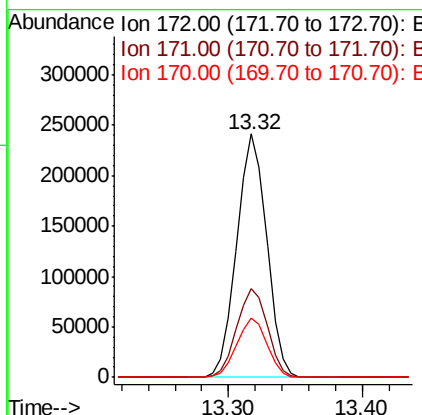
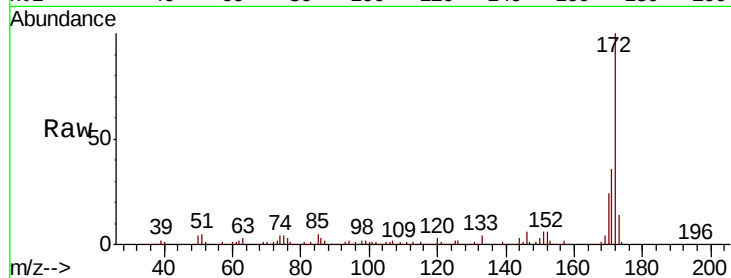




#45  
2-Fluorobiphenyl  
Concen: 78.635 ng  
RT: 13.32 min Scan# 1741  
Delta R.T. -0.00 min  
Lab File: BG038505.D  
Acq: 12 Dec 2018 18:47

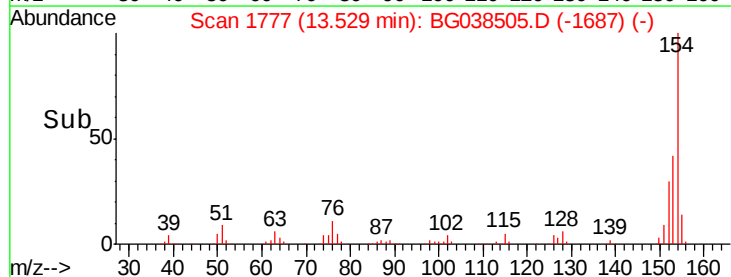
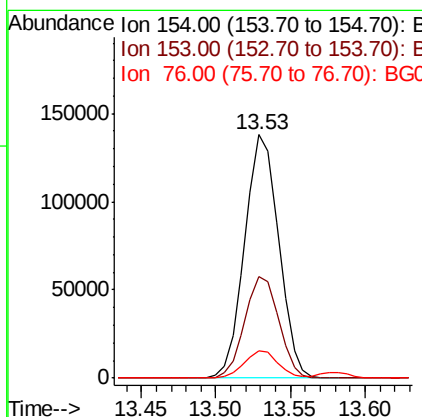
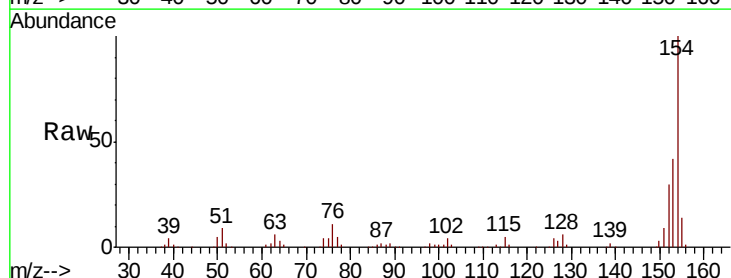
Instrument :  
BNA\_G  
ClientSampleId :

Tgt Ion:172 Resp: 375067  
Ion Ratio Lower Upper  
172 100  
171 36.5 29.8 44.6  
170 24.2 19.5 29.3



#46  
1,1'-Biphenyl  
Concen: 39.692 ng  
RT: 13.53 min Scan# 1777  
Delta R.T. -0.00 min  
Lab File: BG038505.D  
Acq: 12 Dec 2018 18:47

Tgt Ion:154 Resp: 217725  
Ion Ratio Lower Upper  
154 100  
153 41.7 22.1 62.1  
76 11.1 0.0 31.2

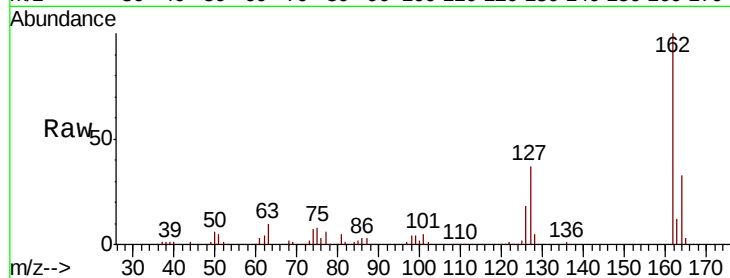




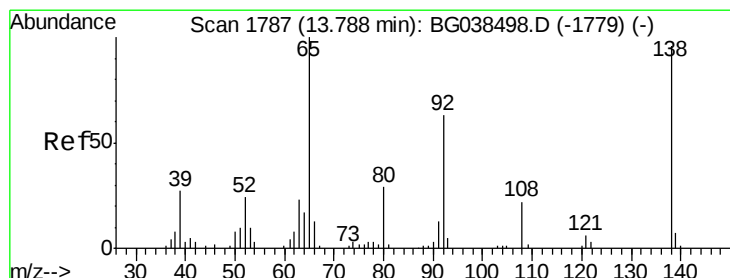
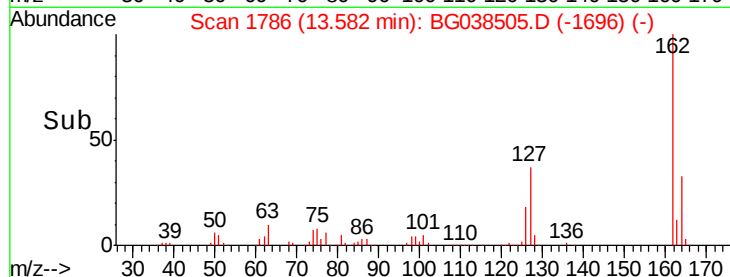
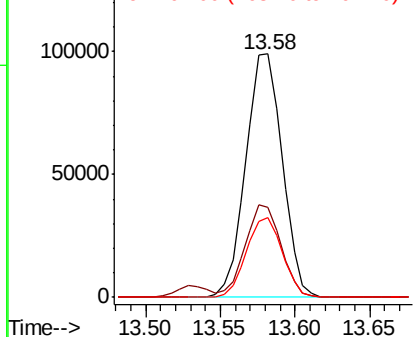
#47  
 2-Chloronaphthalene  
 Concen: 39.520 ng  
 RT: 13.58 min Scan# 1786  
 Delta R.T. -0.00 min  
 Lab File: BG038505.D  
 Acq: 12 Dec 2018 18:47

Instrument :  
 BNA\_G  
 ClientSampleId :

Tgt Ion: 162 Resp: 167455  
 Ion Ratio Lower Upper  
 162 100  
 127 37.2 27.8 41.8  
 164 33.0 26.9 40.3

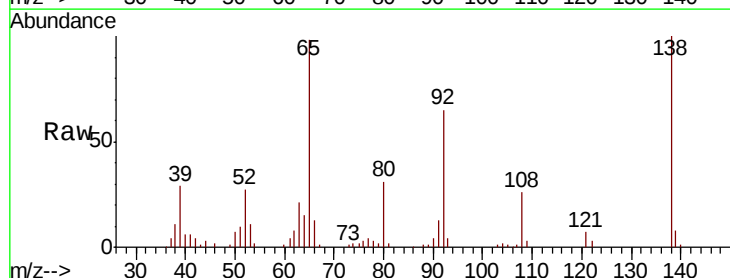


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

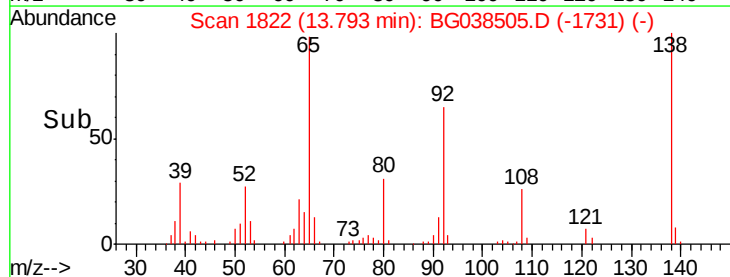
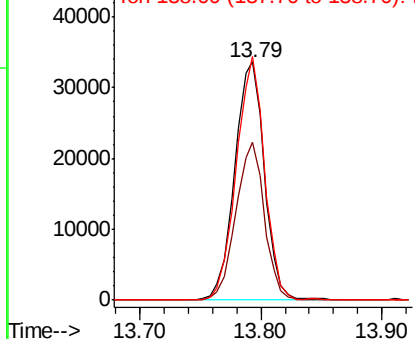


#48  
 2-Nitroaniline  
 Concen: 42.607 ng  
 RT: 13.79 min Scan# 1822  
 Delta R.T. 0.01 min  
 Lab File: BG038505.D  
 Acq: 12 Dec 2018 18:47

Tgt Ion: 65 Resp: 57504  
 Ion Ratio Lower Upper  
 65 100  
 92 66.4 50.0 75.0  
 138 102.3 76.9 115.3



Abundance Ion 65.00 (64.70 to 65.70): BGC  
 Ion 92.00 (91.70 to 92.70): BGC  
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.987 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038505.D

Acq: 12 Dec 2018 18:47

Instrument :

BNA\_G

ClientSampleId :

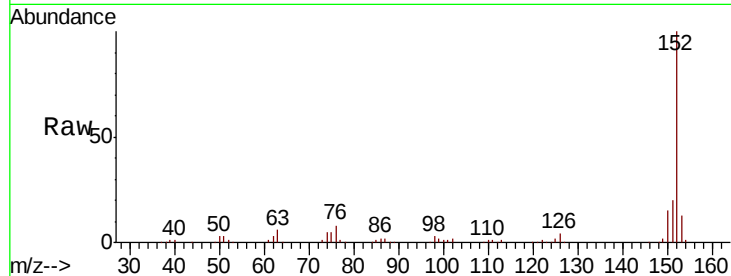
Tgt Ion:152 Resp: 253292

Ion Ratio Lower Upper

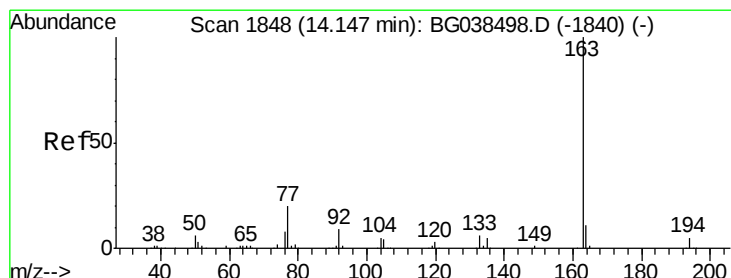
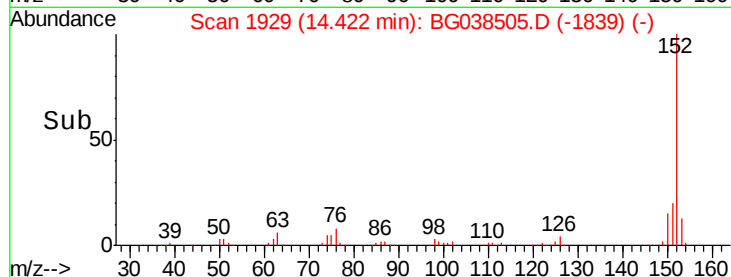
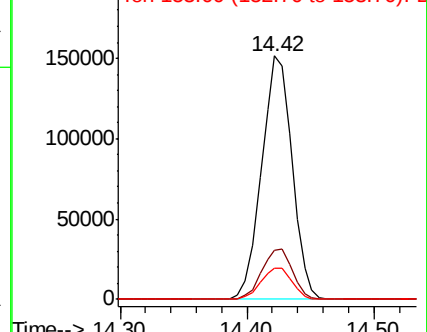
152 100

151 20.3 16.4 24.6

153 12.6 10.4 15.6



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



#50

Dimethylphthalate

Concen: 41.039 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038505.D

Acq: 12 Dec 2018 18:47

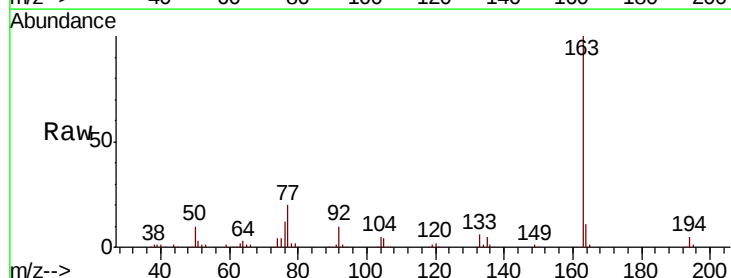
Tgt Ion:163 Resp: 219290

Ion Ratio Lower Upper

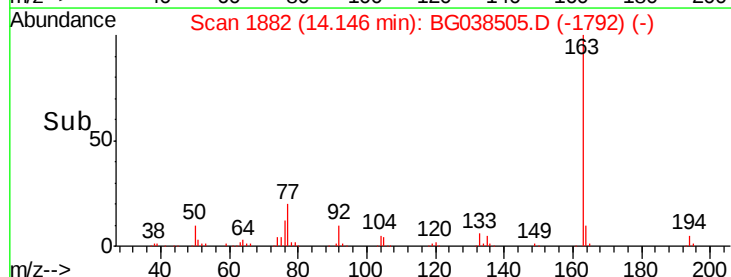
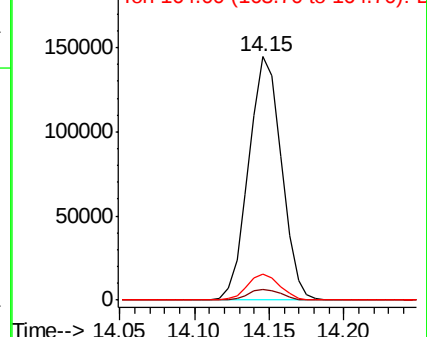
163 100

194 4.6 3.7 5.5

164 10.6 8.6 12.8



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

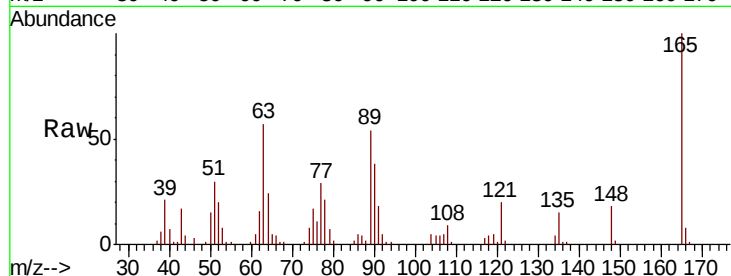




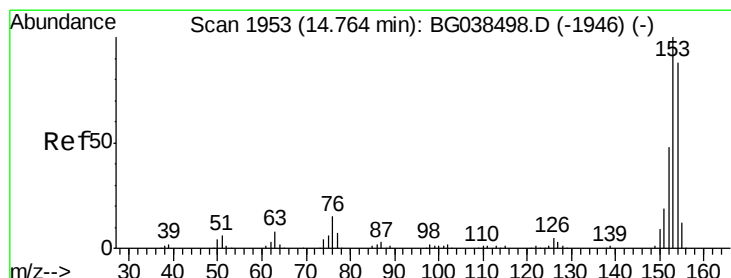
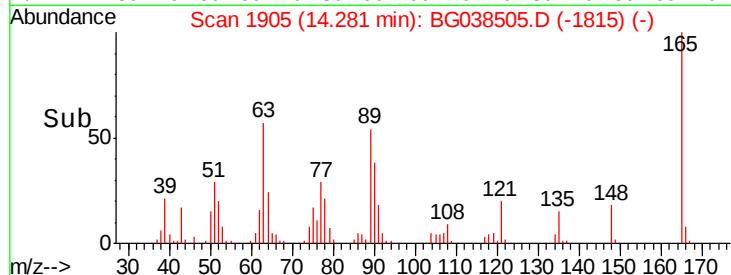
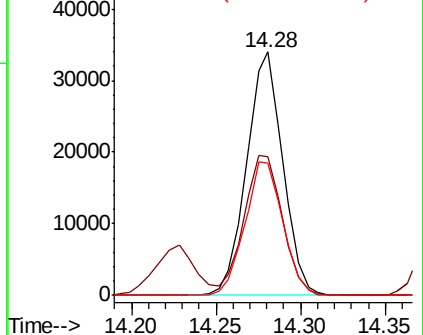
#51  
 2,6-Dinitrotoluene  
 Concen: 41.658 ng  
 RT: 14.28 min Scan# 1905  
 Delta R.T. -0.00 min  
 Lab File: BG038505.D  
 Acq: 12 Dec 2018 18:47

Instrument :  
 BNA\_G  
 ClientSampled :

Tgt Ion:165 Resp: 50445  
 Ion Ratio Lower Upper  
 165 100  
 63 57.1 51.8 77.6  
 89 54.2 47.9 71.9

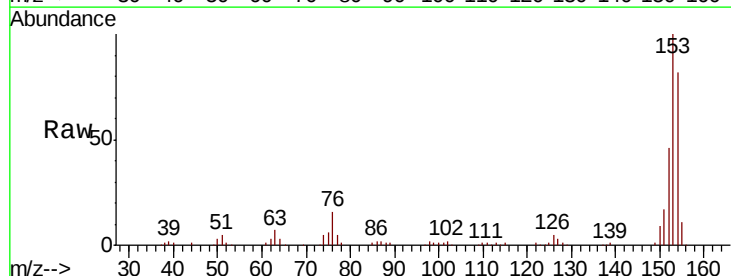


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 89.00 (88.70 to 89.70): BG

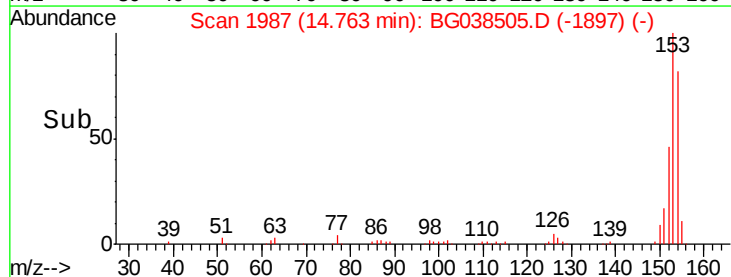
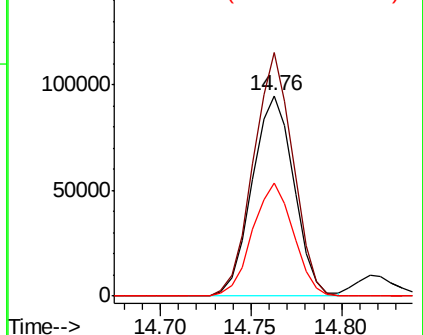


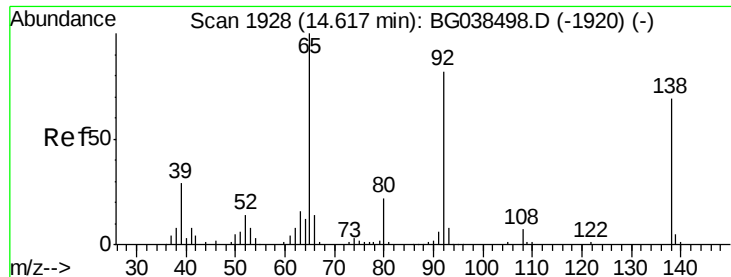
#52  
 Acenaphthene  
 Concen: 39.938 ng  
 RT: 14.76 min Scan# 1987  
 Delta R.T. -0.00 min  
 Lab File: BG038505.D  
 Acq: 12 Dec 2018 18:47

Tgt Ion:154 Resp: 151277  
 Ion Ratio Lower Upper  
 154 100  
 153 121.6 90.6 136.0  
 152 56.5 43.5 65.3



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





#53

3-Nitroaniline

Concen: 42.433 ng

RT: 14.62 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BG038505.D

Acq: 12 Dec 2018 18:47

Instrument :

BNA\_G

ClientSampled :

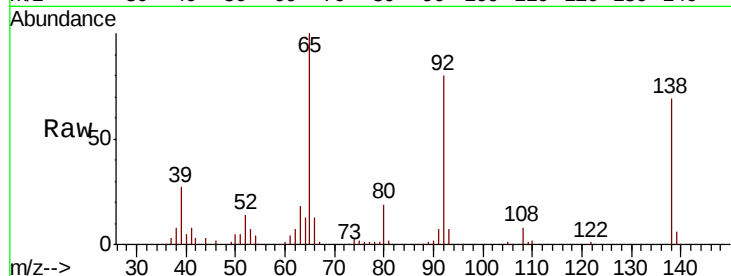
Tgt Ion:138 Resp: 52379

Ion Ratio Lower Upper

138 100

108 11.5 7.9 11.9

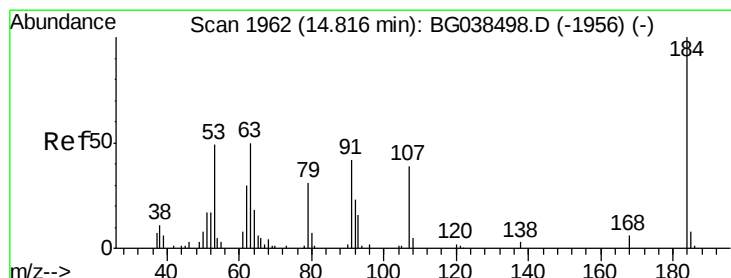
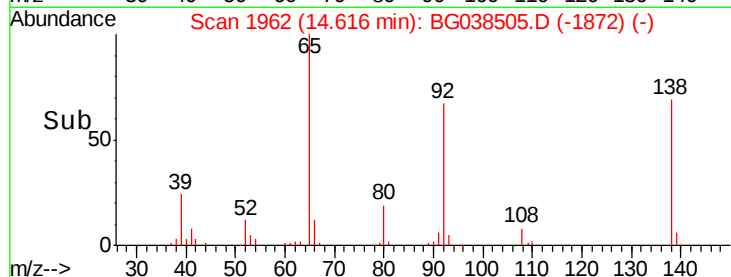
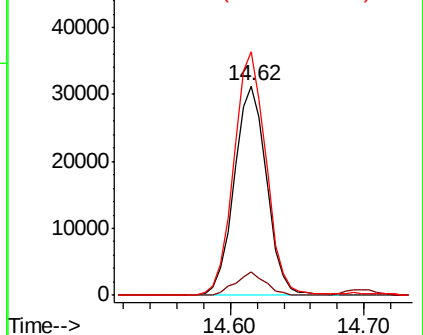
92 116.2 95.3 142.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): B



#54

2,4-Dinitrophenol

Concen: 38.310 ng

RT: 14.82 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BG038505.D

Acq: 12 Dec 2018 18:47

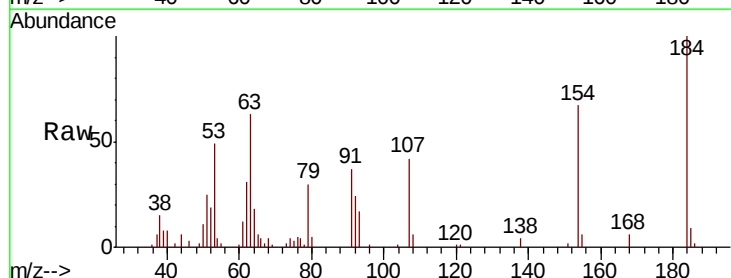
Tgt Ion:184 Resp: 25522

Ion Ratio Lower Upper

184 100

63 63.1 47.0 70.6

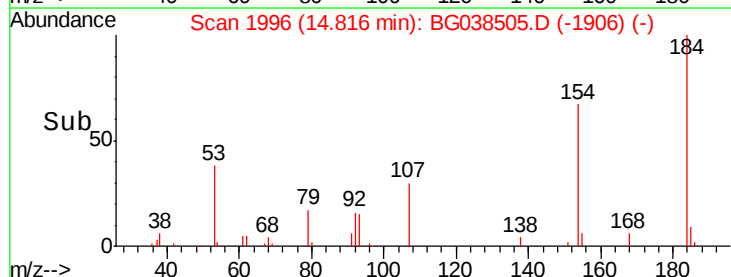
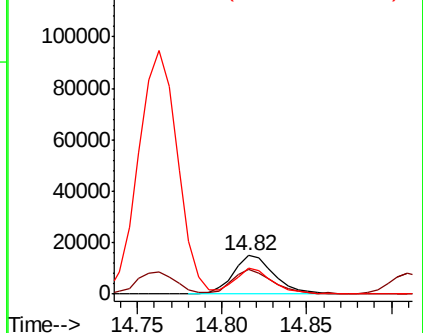
154 67.4 50.3 75.5

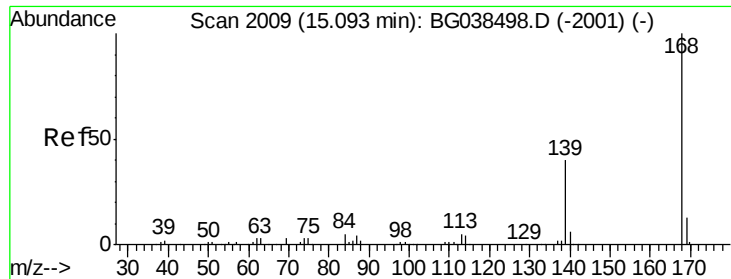


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E

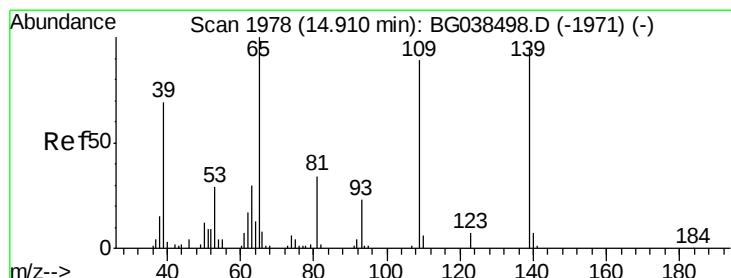
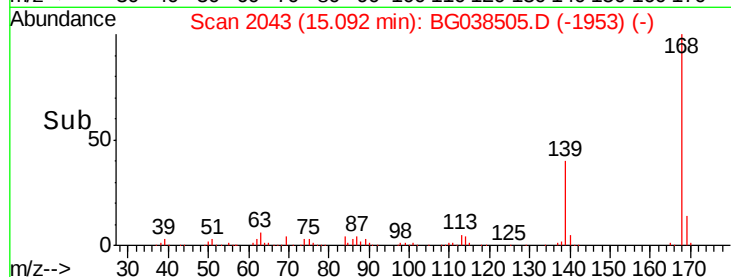
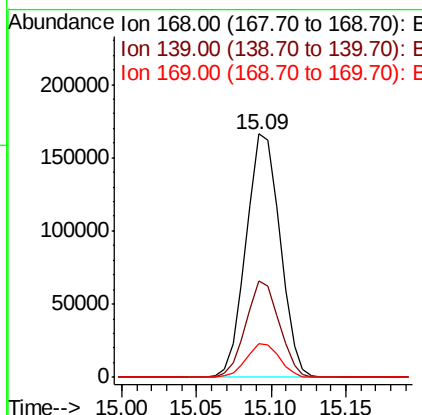
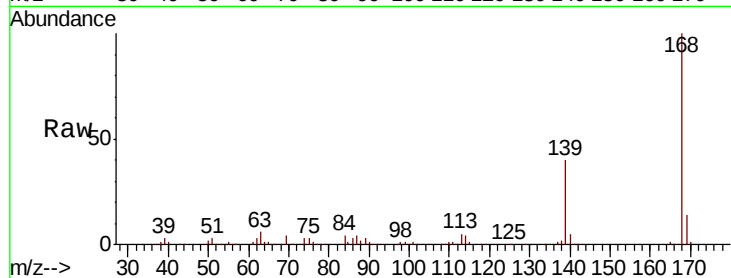




#55  
Dibenzenofuran  
Concen: 40.394 ng  
RT: 15.09 min Scan# 2043  
Delta R.T. -0.00 min  
Lab File: BG038505.D  
Acq: 12 Dec 2018 18:47

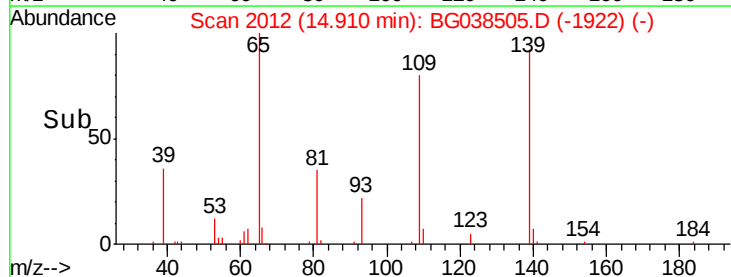
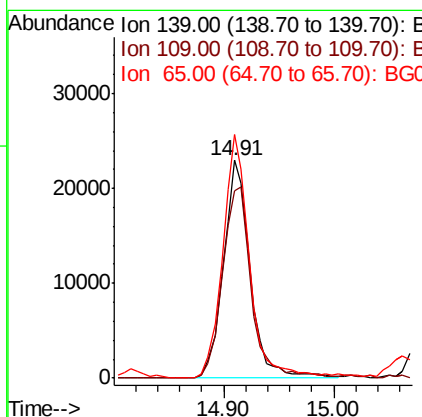
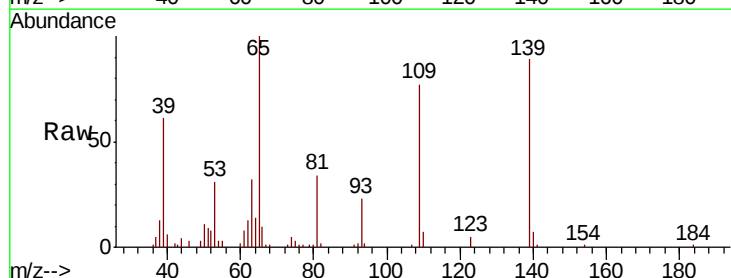
Instrument :  
BNA\_G  
ClientSampleId :

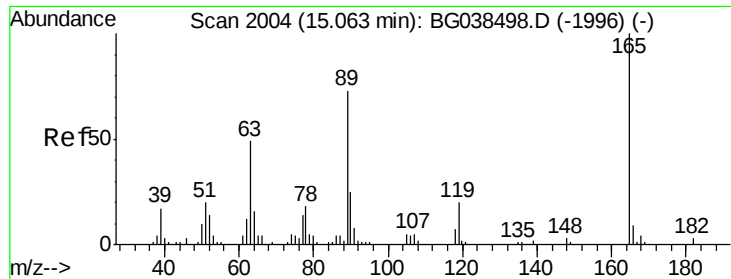
Tgt Ion:168 Resp: 262270  
Ion Ratio Lower Upper  
168 100  
139 39.5 32.2 48.2  
169 14.0 10.6 16.0



#56  
4-Nitrophenol  
Concen: 41.447 ng  
RT: 14.91 min Scan# 2012  
Delta R.T. -0.00 min  
Lab File: BG038505.D  
Acq: 12 Dec 2018 18:47

Tgt Ion:139 Resp: 38813  
Ion Ratio Lower Upper  
139 100  
109 86.4 73.6 113.6  
65 112.0 84.8 124.8

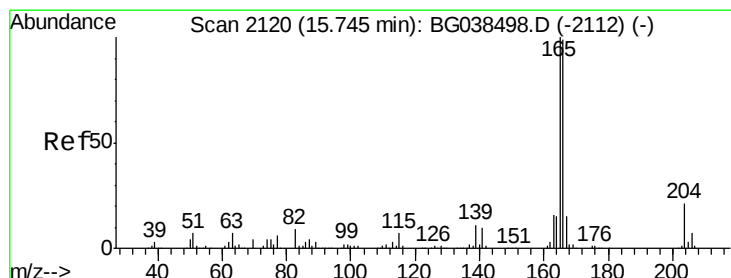
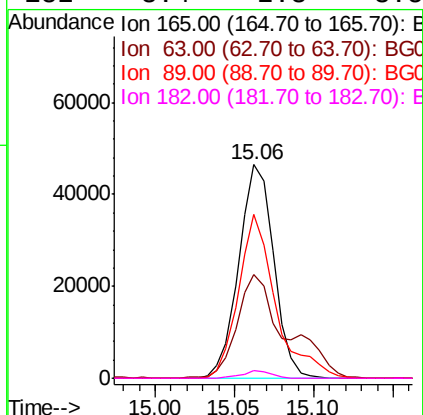
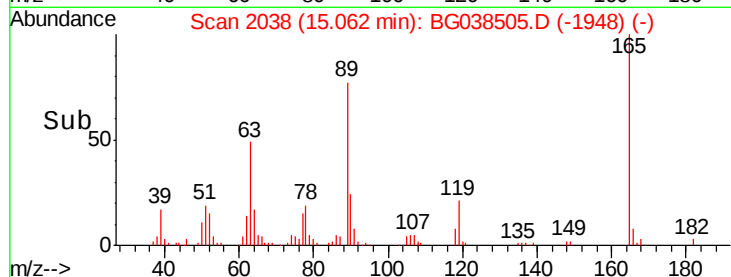
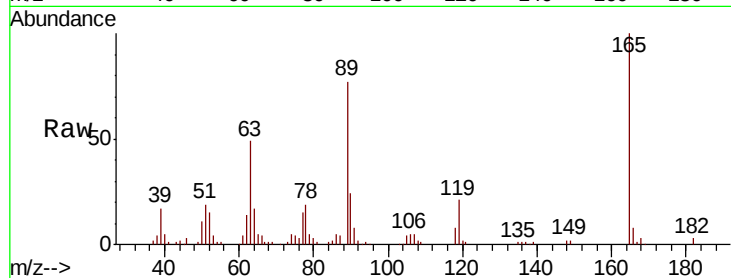




#57  
2,4-Dinitrotoluene  
Concen: 41.759 ng  
RT: 15.06 min Scan# 2038  
Delta R.T. -0.00 min  
Lab File: BG038505.D  
Acq: 12 Dec 2018 18:47

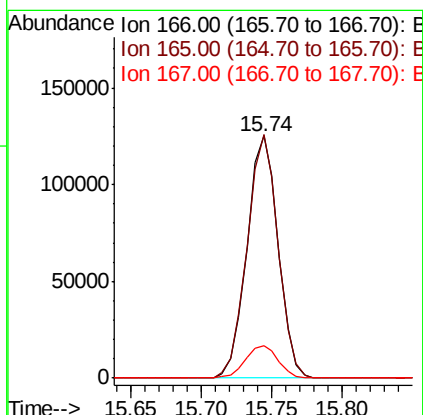
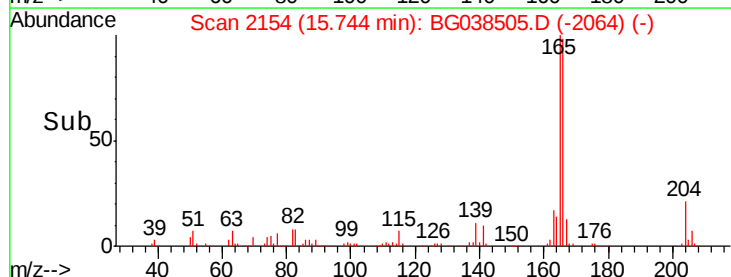
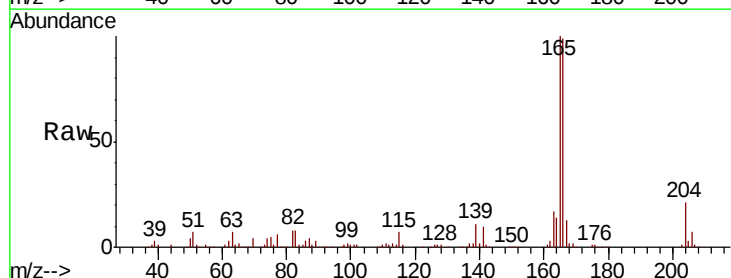
Instrument :  
BNA\_G  
ClientSampleId :

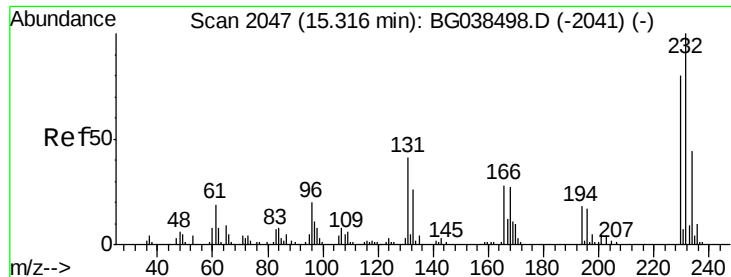
Tgt Ion:165 Resp: 71222  
Ion Ratio Lower Upper  
165 100  
63 48.5 39.0 58.4  
89 76.5 58.0 87.0  
182 3.4 2.3 3.5



#58  
Fluorene  
Concen: 40.283 ng  
RT: 15.74 min Scan# 2154  
Delta R.T. -0.00 min  
Lab File: BG038505.D  
Acq: 12 Dec 2018 18:47

Tgt Ion:166 Resp: 193779  
Ion Ratio Lower Upper  
166 100  
165 100.7 80.6 120.8  
167 13.1 12.0 18.0

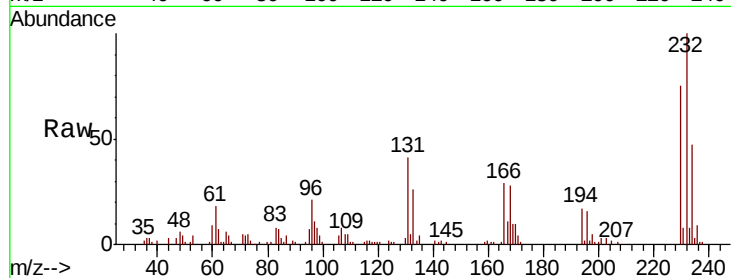




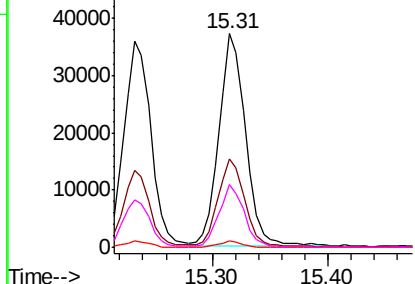
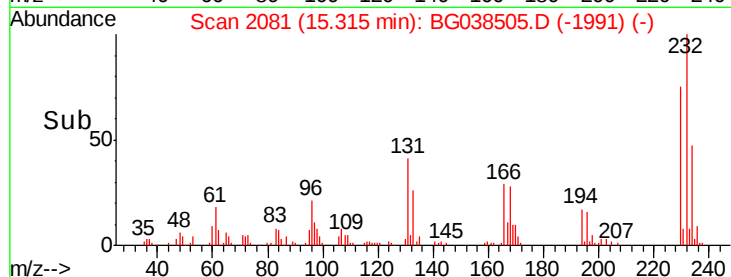
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 41.570 ng  
 RT: 15.31 min Scan# 2081  
 Delta R.T. -0.00 min  
 Lab File: BG038505.D  
 Acq: 12 Dec 2018 18:47

Instrument :  
 BNA\_G  
 ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 232   | Resp: | 59551 |
| Ion      | Ratio | Lower | Upper |
| 232      | 100   |       |       |
| 131      | 42.6  | 33.0  | 49.4  |
| 130      | 2.5   | 2.0   | 3.0   |
| 166      | 27.9  | 23.1  | 34.7  |

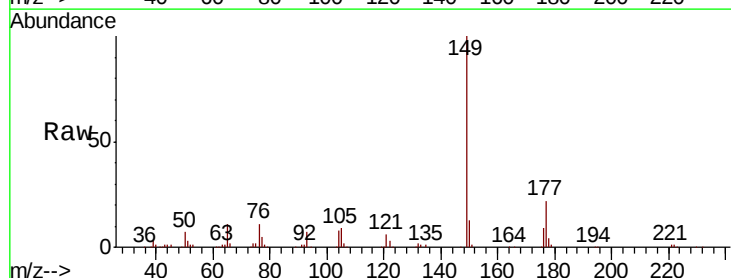


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

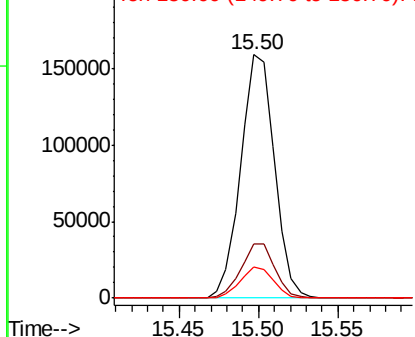
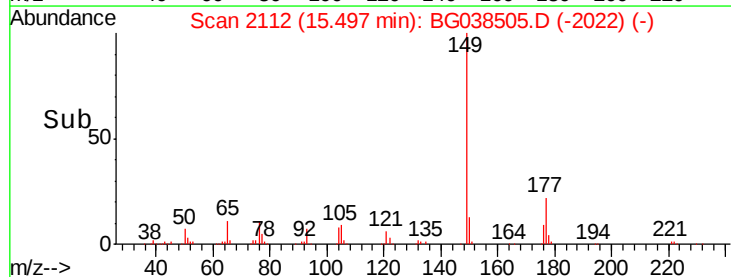


#60  
 Diethylphthalate  
 Concen: 39.981 ng  
 RT: 15.50 min Scan# 2112  
 Delta R.T. -0.00 min  
 Lab File: BG038505.D  
 Acq: 12 Dec 2018 18:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 234527 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 22.2  | 17.7  | 26.5   |
| 150      | 12.7  | 9.9   | 14.9   |



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 177.00 (176.70 to 177.70): E  
 Ion 150.00 (149.70 to 150.70): E

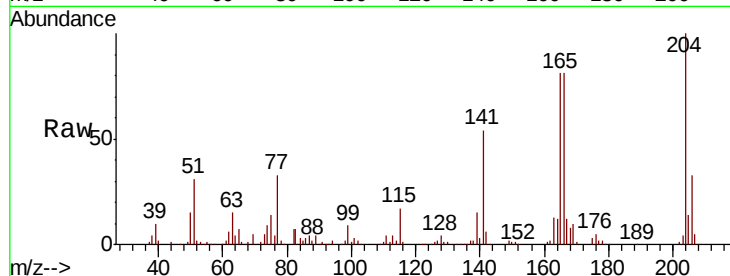




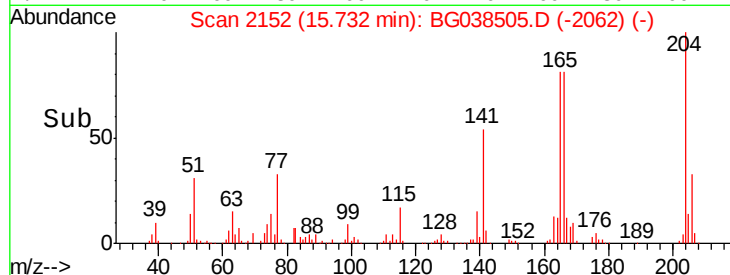
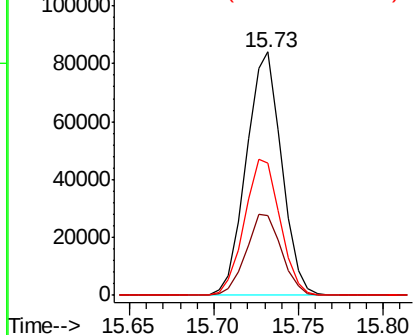
#61  
 4-Chlorophenyl-phenylether  
 Concen: 40.547 ng  
 RT: 15.73 min Scan# 2152  
 Delta R.T. -0.00 min  
 Lab File: BG038505.D  
 Acq: 12 Dec 2018 18:47

Instrument :  
 BNA\_G  
 ClientSampled :

Tgt Ion:204 Resp: 121695  
 Ion Ratio Lower Upper  
 204 100  
 206 32.9 26.0 39.0  
 141 54.1 44.4 66.6

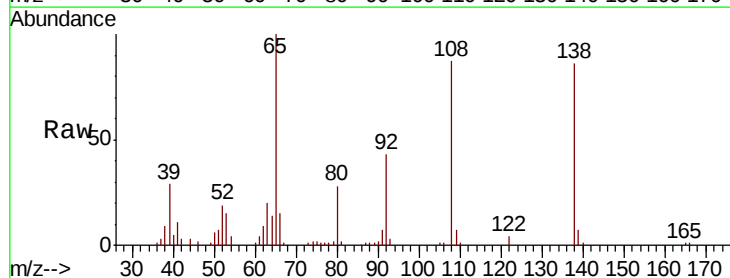


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

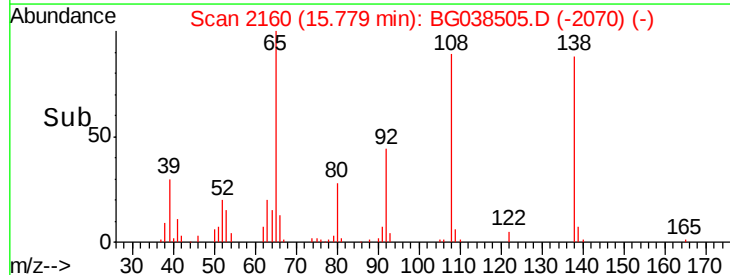
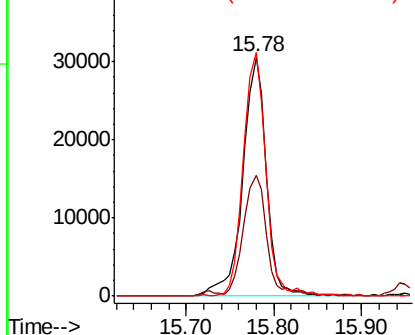


#62  
 4-Nitroaniline  
 Concen: 43.432 ng  
 RT: 15.78 min Scan# 2160  
 Delta R.T. -0.00 min  
 Lab File: BG038505.D  
 Acq: 12 Dec 2018 18:47

Tgt Ion:138 Resp: 55195  
 Ion Ratio Lower Upper  
 138 100  
 92 50.6 33.3 73.3  
 108 101.8 81.4 121.4



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





#63

Azobenzene

Concen: 40.852 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG038505.D

Acq: 12 Dec 2018 18:47

Instrument :

BNA\_G

ClientSampleId :

Tgt Ion: 77 Resp: 200189

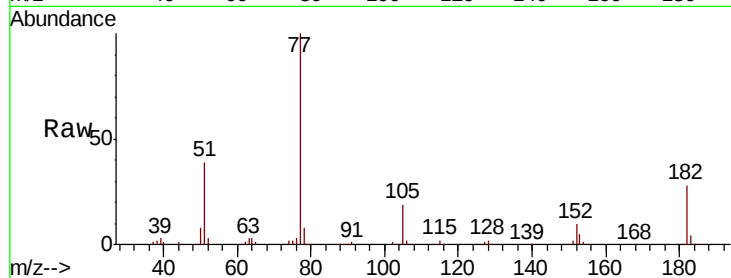
Ion Ratio Lower Upper

77 100

182 28.1 8.7 48.7

105 19.3 0.0 38.7

51 39.2 16.6 56.6

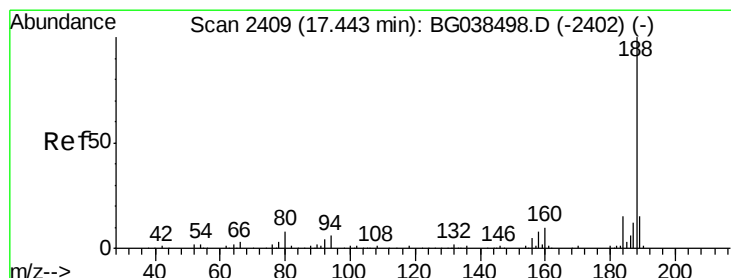
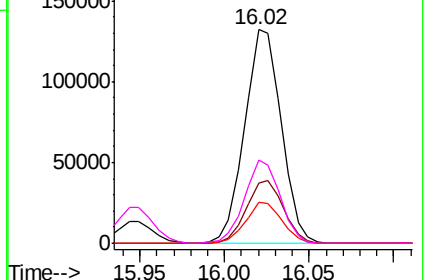
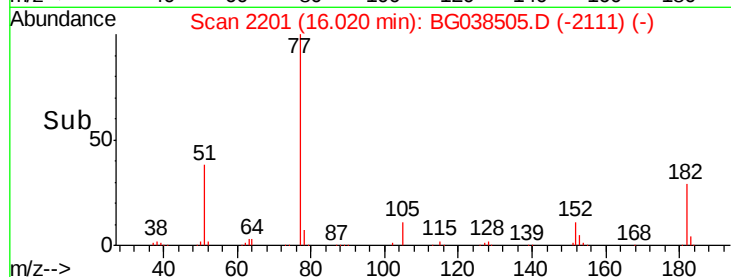


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG038505.D

Acq: 12 Dec 2018 18:47

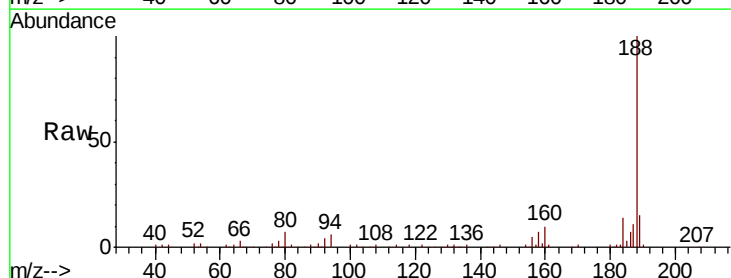
Tgt Ion: 188 Resp: 162850

Ion Ratio Lower Upper

188 100

94 6.1 5.1 7.7

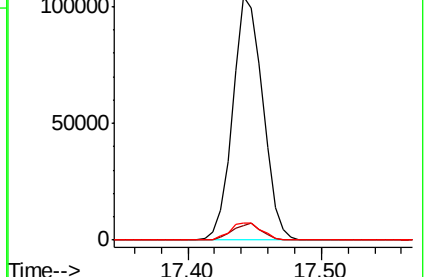
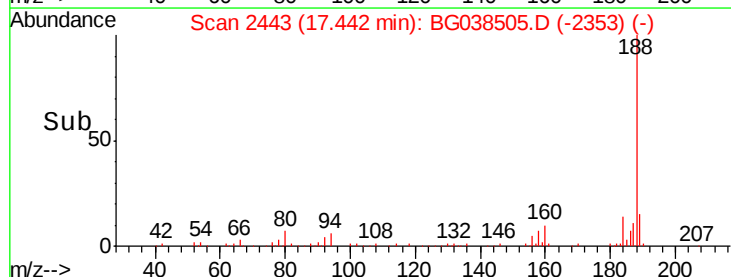
80 6.9 6.1 9.1

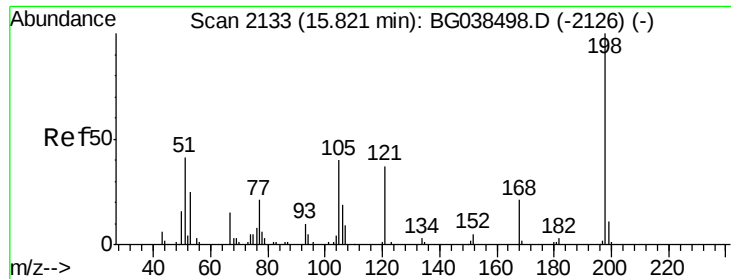


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

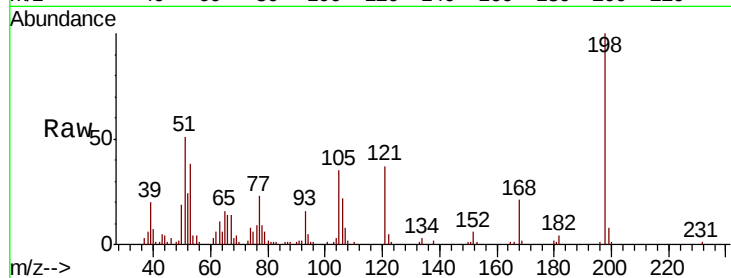




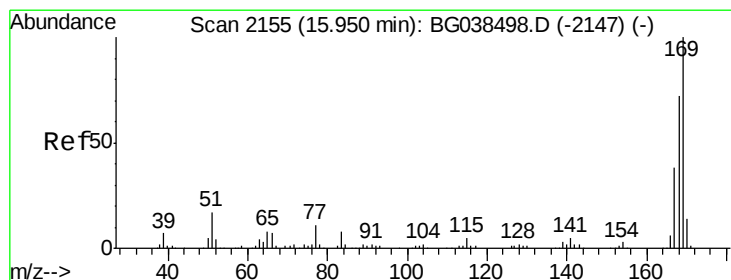
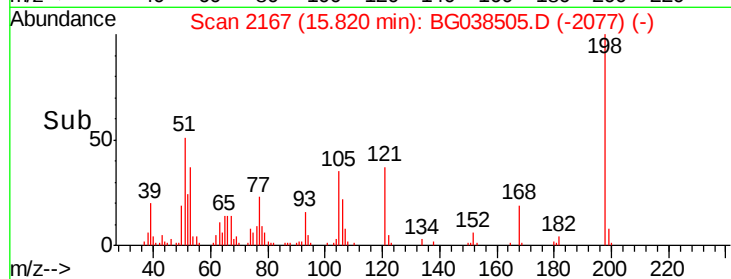
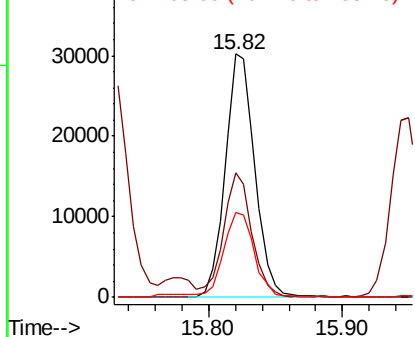
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 40.264 ng  
 RT: 15.82 min Scan# 2167  
 Delta R.T. -0.00 min  
 Lab File: BG038505.D  
 Acq: 12 Dec 2018 18:47

Instrument :  
 BNA\_G  
 ClientSampled :

Tgt Ion:198 Resp: 46774  
 Ion Ratio Lower Upper  
 198 100  
 51 51.2 28.6 68.6  
 105 34.7 20.4 60.4

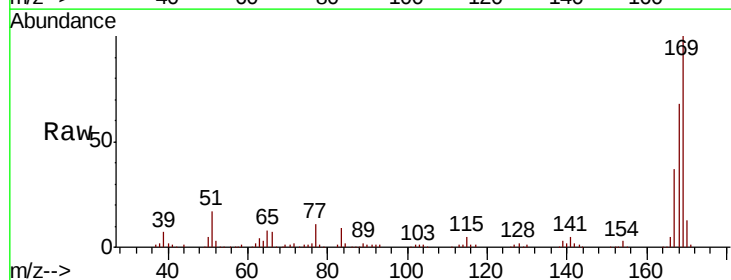


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BG  
 Ion 105.00 (104.70 to 105.70): E

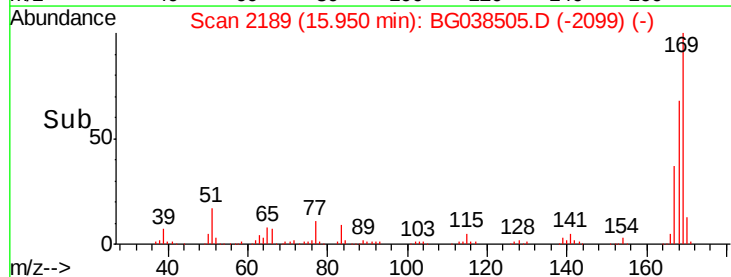
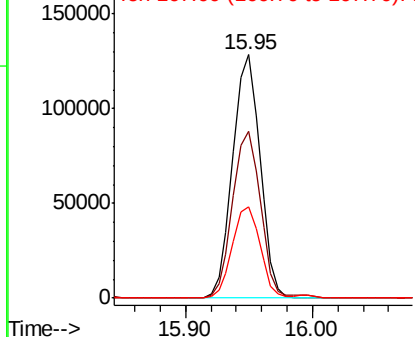


#66  
 n-Nitrosodiphenylamine  
 Concen: 40.162 ng  
 RT: 15.95 min Scan# 2189  
 Delta R.T. -0.00 min  
 Lab File: BG038505.D  
 Acq: 12 Dec 2018 18:47

Tgt Ion:169 Resp: 192170  
 Ion Ratio Lower Upper  
 169 100  
 168 68.3 57.5 86.3  
 167 37.3 30.2 45.2



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

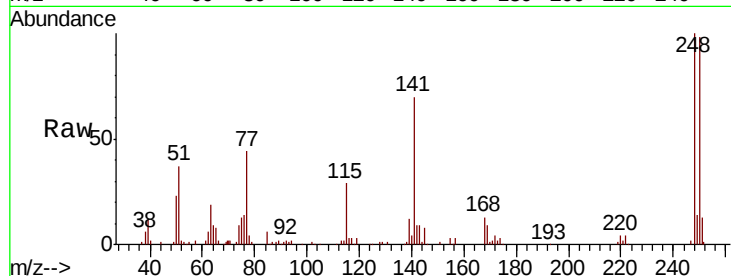




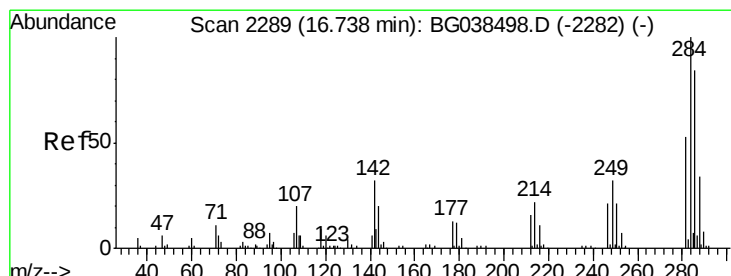
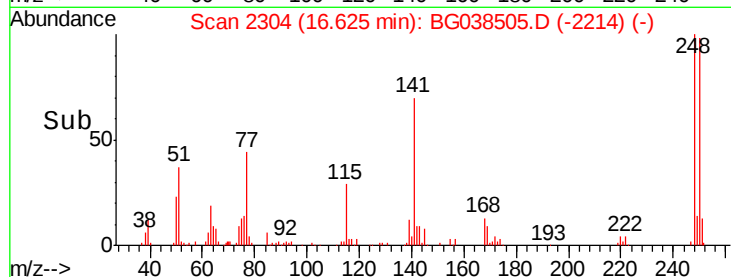
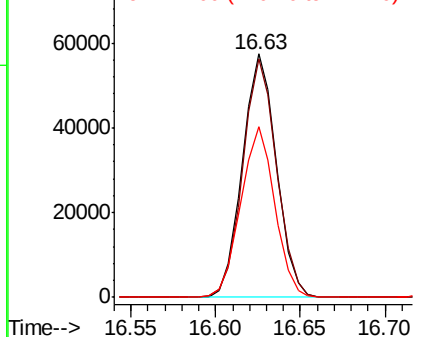
#67  
 4-Bromophenyl-phenylether  
 Concen: 40.430 ng  
 RT: 16.63 min Scan# 2304  
 Delta R.T. -0.00 min  
 Lab File: BG038505.D  
 Acq: 12 Dec 2018 18:47

Instrument :  
 BNA\_G  
 ClientSampled :

Tgt Ion:248 Resp: 80410  
 Ion Ratio Lower Upper  
 248 100  
 250 98.0 73.4 110.2  
 141 70.1 52.9 79.3

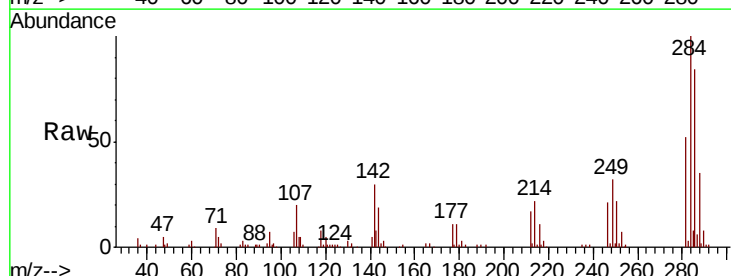


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

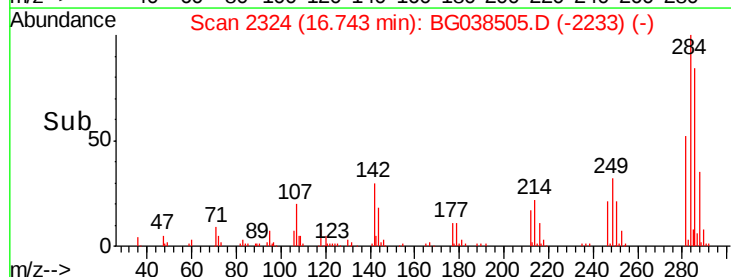
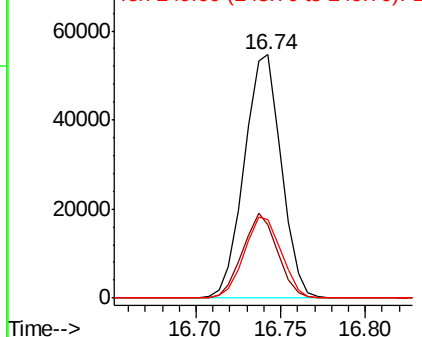


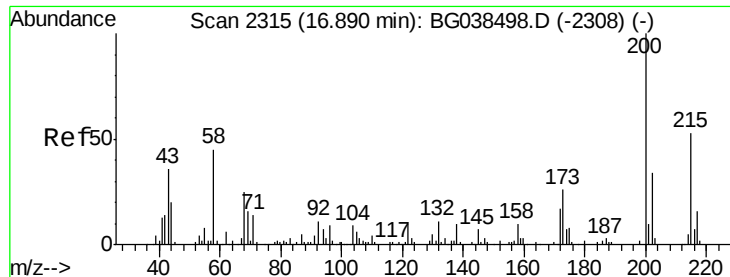
#68  
 Hexachlorobenzene  
 Concen: 40.400 ng  
 RT: 16.74 min Scan# 2324  
 Delta R.T. 0.01 min  
 Lab File: BG038505.D  
 Acq: 12 Dec 2018 18:47

Tgt Ion:284 Resp: 83292  
 Ion Ratio Lower Upper  
 284 100  
 142 30.1 25.8 38.6  
 249 34.5 27.0 40.4



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: 42.040 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG038505.D

Acq: 12 Dec 2018 18:47

Instrument :

BNA\_G

ClientSampled :

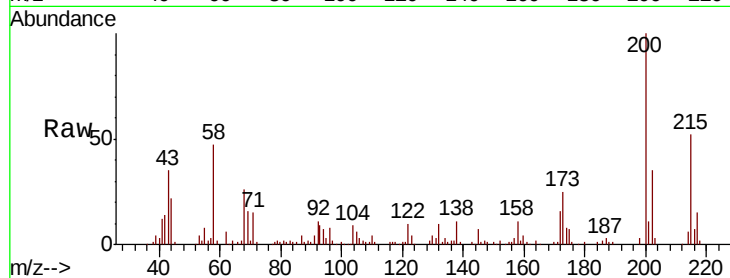
Tgt Ion:200 Resp: 74651

Ion Ratio Lower Upper

200 100

173 24.8 5.9 45.9

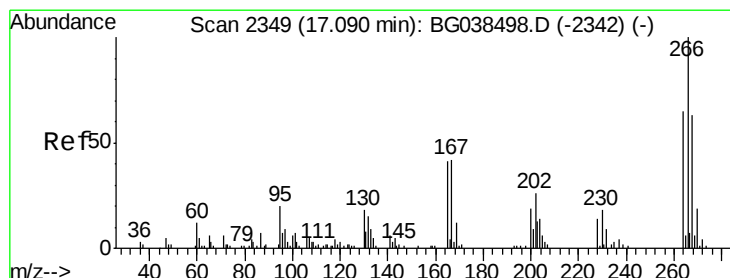
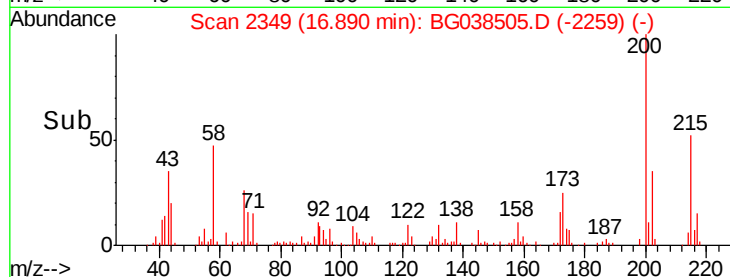
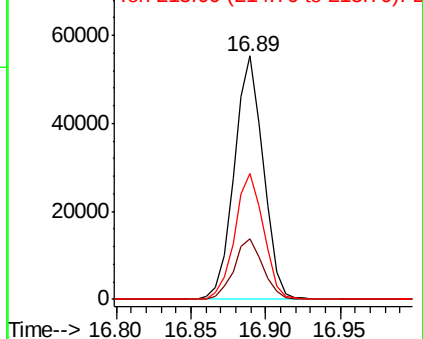
215 51.5 33.1 73.1



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: 42.609 ng

RT: 17.09 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG038505.D

Acq: 12 Dec 2018 18:47

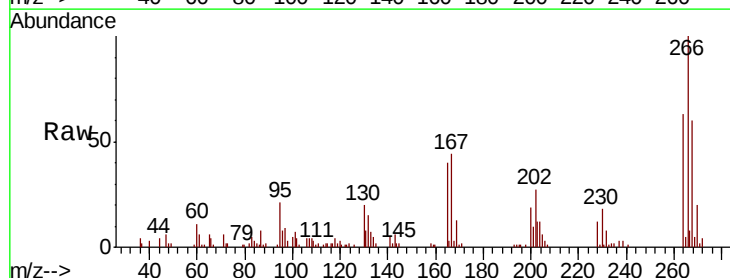
Tgt Ion:266 Resp: 51960

Ion Ratio Lower Upper

266 100

268 64.9 55.0 82.6

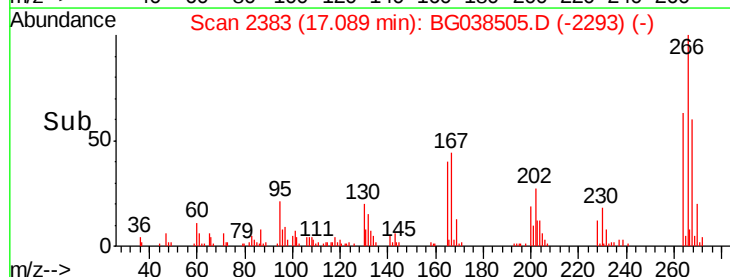
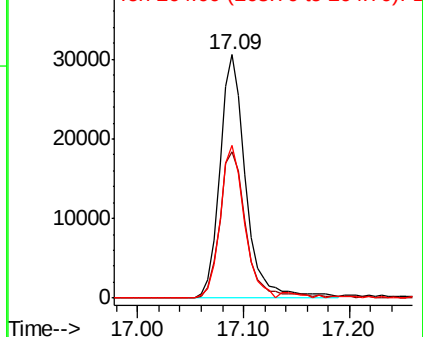
264 68.2 56.7 85.1

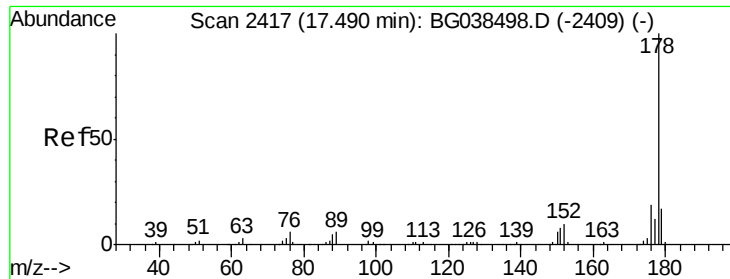


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

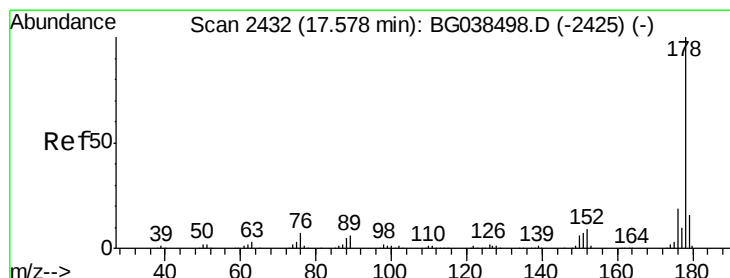
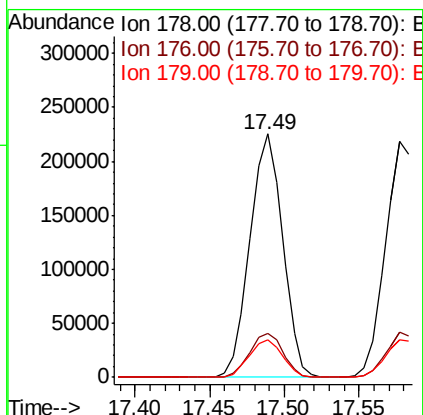
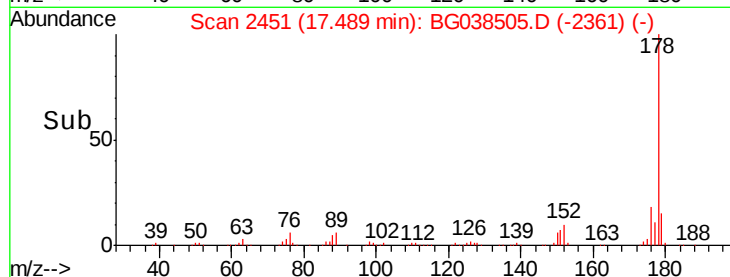
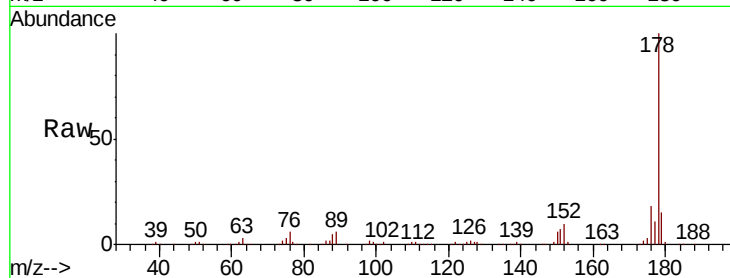




#71  
 Phenanthrene  
 Concen: 40.481 ng  
 RT: 17.49 min Scan# 2451  
 Delta R.T. -0.00 min  
 Lab File: BG038505.D  
 Acq: 12 Dec 2018 18:47

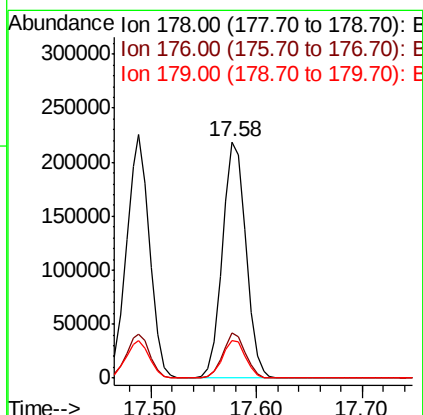
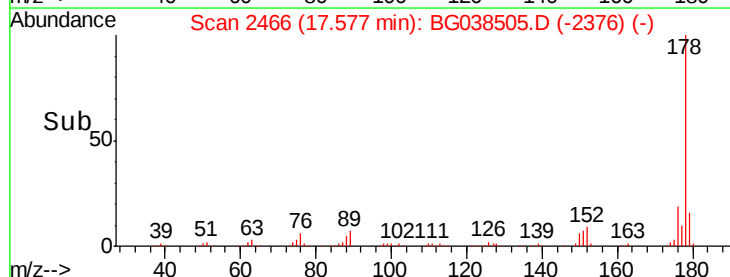
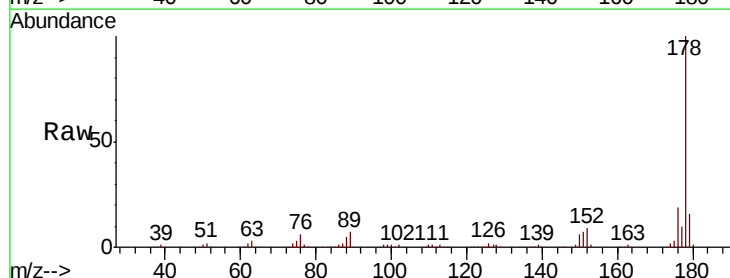
Instrument :  
 BNA\_G  
 ClientSampleId :

Tgt Ion:178 Resp: 341858  
 Ion Ratio Lower Upper  
 178 100  
 176 18.1 15.1 22.7  
 179 15.2 13.2 19.8



#72  
 Anthracene  
 Concen: 40.579 ng  
 RT: 17.58 min Scan# 2466  
 Delta R.T. -0.00 min  
 Lab File: BG038505.D  
 Acq: 12 Dec 2018 18:47

Tgt Ion:178 Resp: 338302  
 Ion Ratio Lower Upper  
 178 100  
 176 18.9 15.1 22.7  
 179 16.0 12.9 19.3

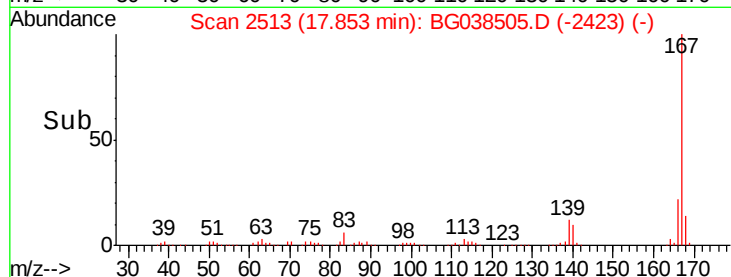
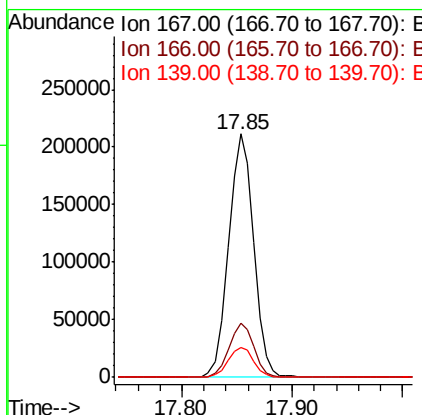
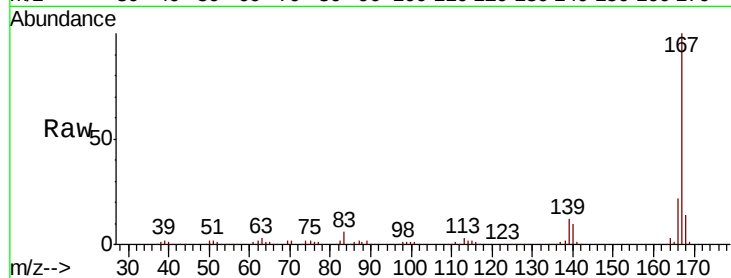




#73  
 Carbazole  
 Concen: 40.768 ng  
 RT: 17.85 min Scan# 2513  
 Delta R.T. -0.00 min  
 Lab File: BG038505.D  
 Acq: 12 Dec 2018 18:47

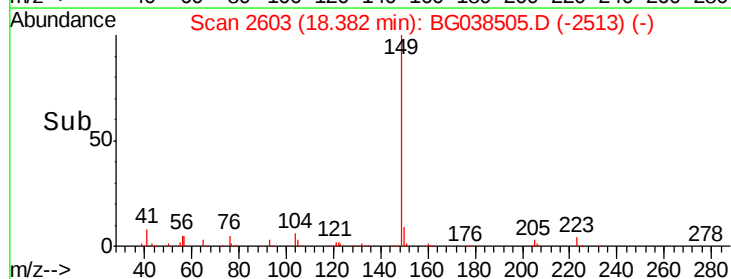
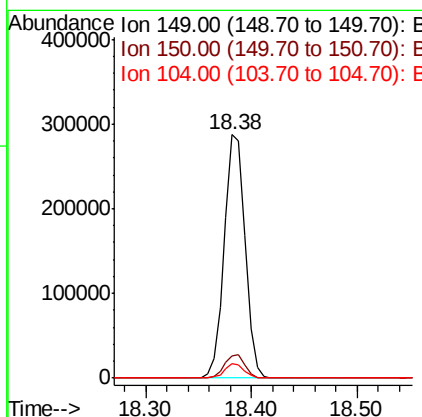
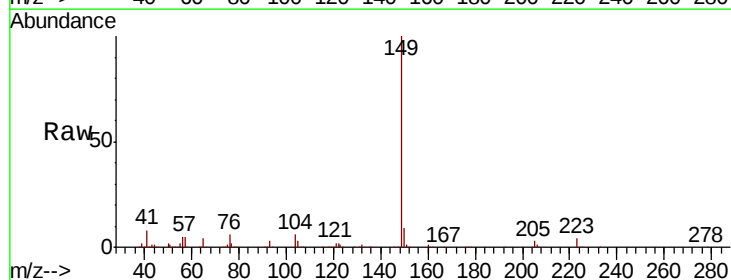
Instrument :  
 BNA\_G  
 ClientSampleId :

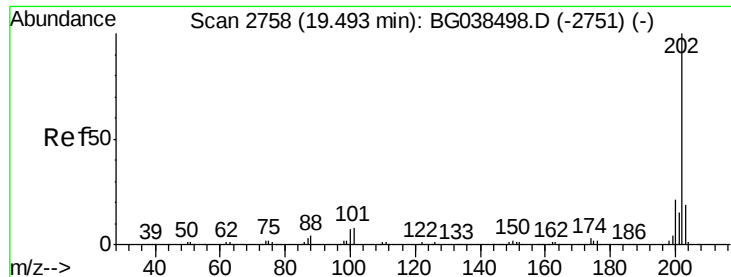
Tgt Ion:167 Resp: 336130  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 17.9 26.9  
 139 12.2 10.2 15.2



#74  
 Di-n-butylphthalate  
 Concen: 41.449 ng  
 RT: 18.38 min Scan# 2603  
 Delta R.T. -0.00 min  
 Lab File: BG038505.D  
 Acq: 12 Dec 2018 18:47

Tgt Ion:149 Resp: 392134  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.6 11.4  
 104 5.7 5.0 7.4

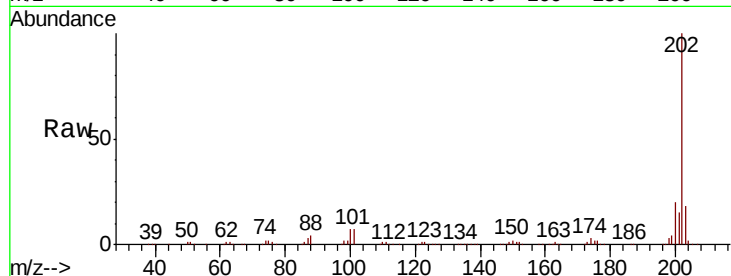




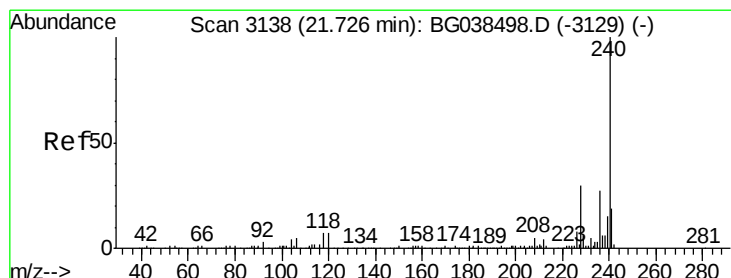
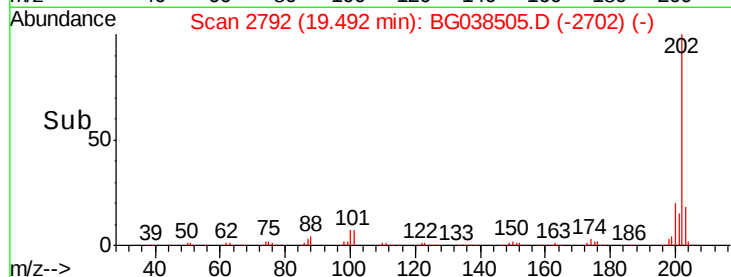
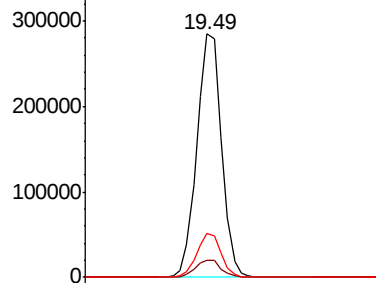
#75  
 Fluoranthene  
 Concen: 40.176 ng  
 RT: 19.49 min Scan# 2792  
 Delta R.T. -0.00 min  
 Lab File: BG038505.D  
 Acq: 12 Dec 2018 18:47

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 419784 |       |       |
| 101     | 7.2   |        | 0.0   | 28.1  |
| 203     | 18.0  |        | 0.0   | 39.0  |

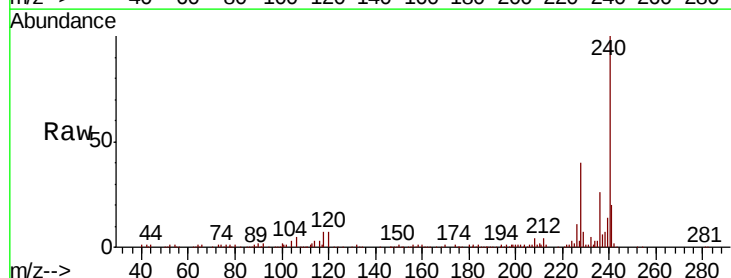


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 203.00 (202.70 to 203.70): E

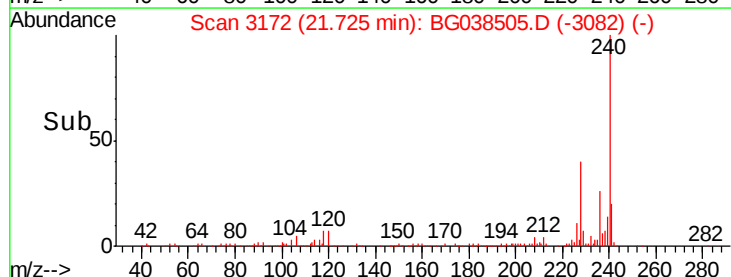
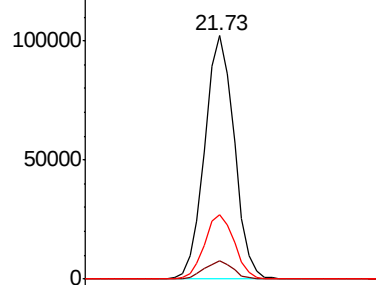


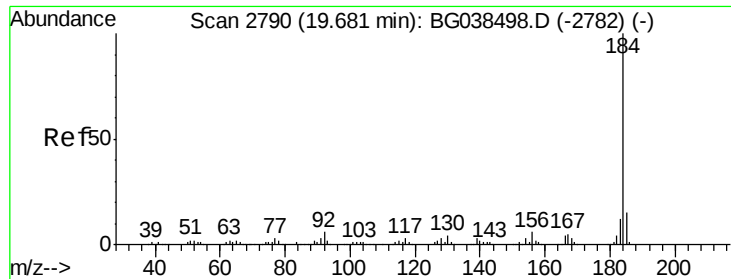
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.73 min Scan# 3172  
 Delta R.T. -0.00 min  
 Lab File: BG038505.D  
 Acq: 12 Dec 2018 18:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 164446 |       |       |
| 120     | 7.3   |        | 5.3   | 7.9   |
| 236     | 26.4  |        | 21.4  | 32.2  |



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





#77

Benzidine

Concen: 47.140 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038505.D

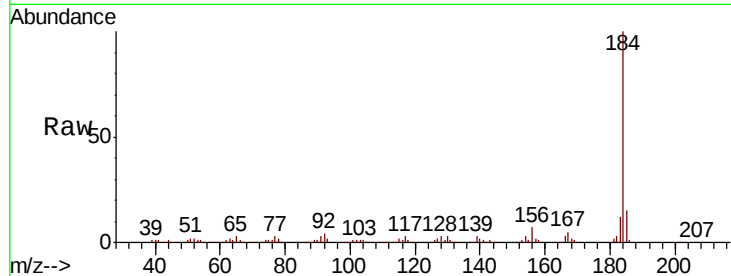
Acq: 12 Dec 2018 18:47

Instrument :

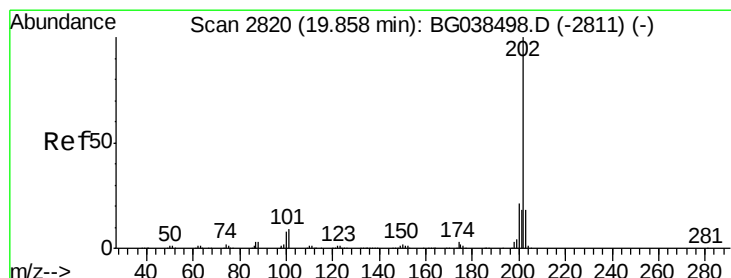
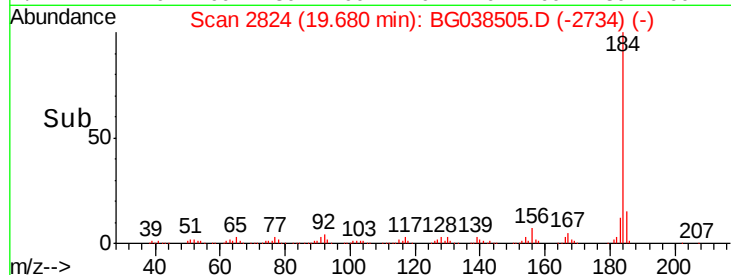
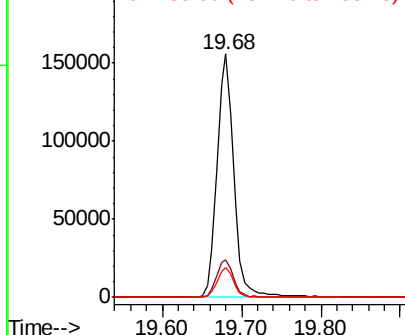
BNA\_G

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 184   | Resp: | 229257 |
| Ion      | Ratio | Lower | Upper  |
| 184      | 100   |       |        |
| 185      | 15.4  | 12.2  | 18.2   |
| 183      | 12.3  | 9.6   | 14.4   |



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.332 ng

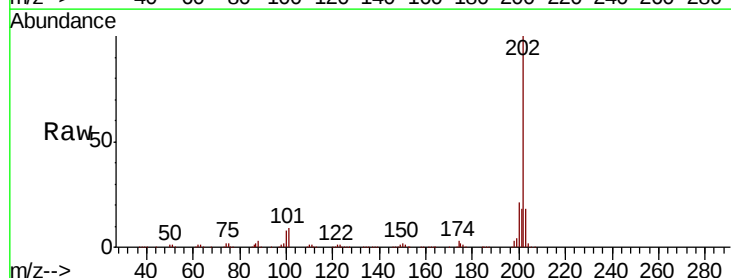
RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

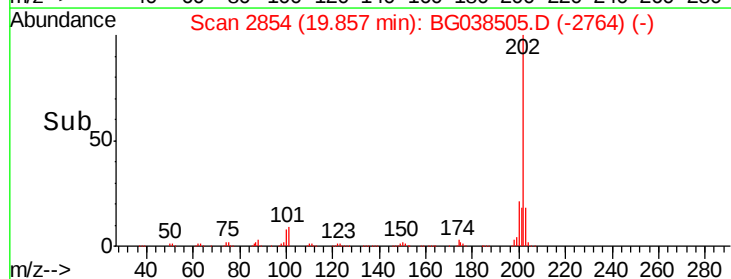
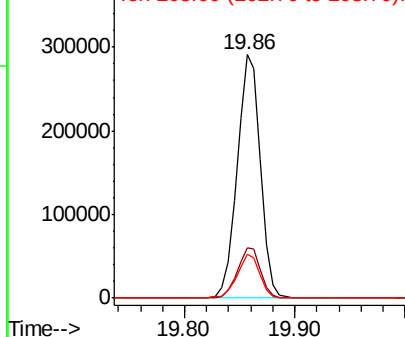
Lab File: BG038505.D

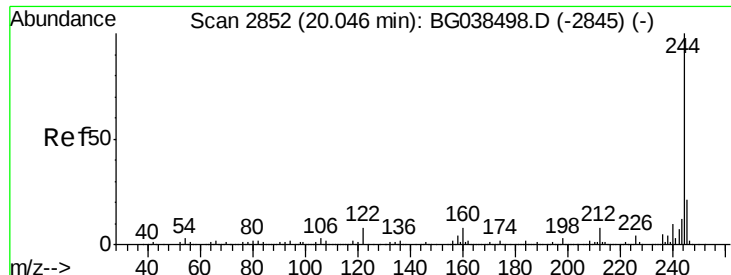
Acq: 12 Dec 2018 18:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 202   | Resp: | 427297 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 200      | 20.8  | 16.6  | 25.0   |
| 203      | 18.1  | 14.6  | 21.8   |



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: 80.928 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038505.D

Acq: 12 Dec 2018 18:47

Instrument :

BNA\_G

ClientSampleId :

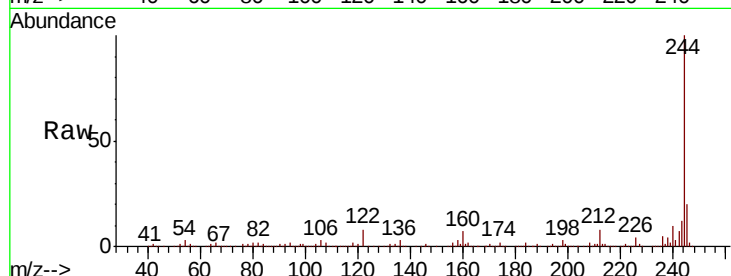
Tgt Ion:244 Resp: 611503

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

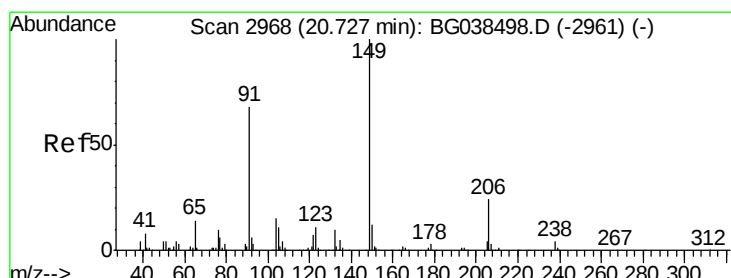
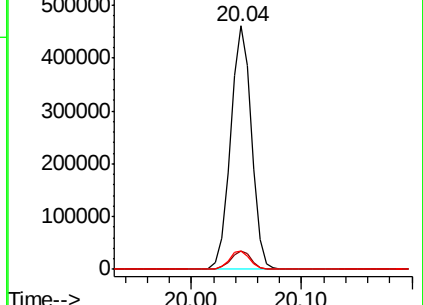
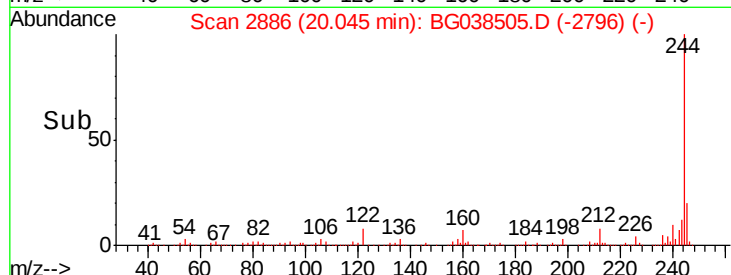
122 7.7 6.3 9.5



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



#80

Butylbenzylphthalate

Concen: 41.179 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BG038505.D

Acq: 12 Dec 2018 18:47

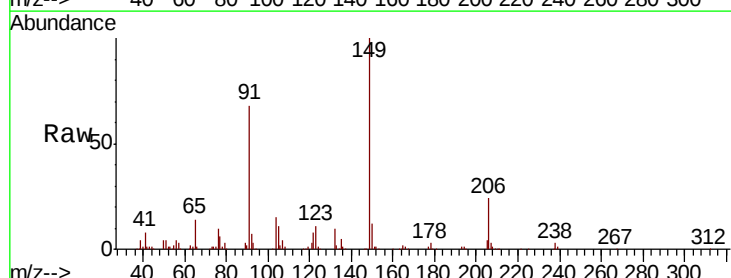
Tgt Ion:149 Resp: 174779

Ion Ratio Lower Upper

149 100

91 67.5 54.5 81.7

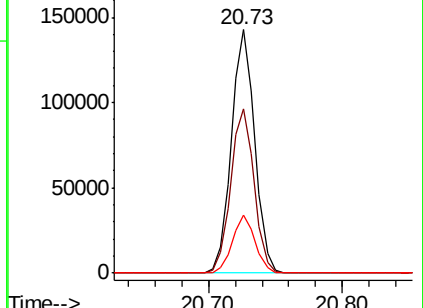
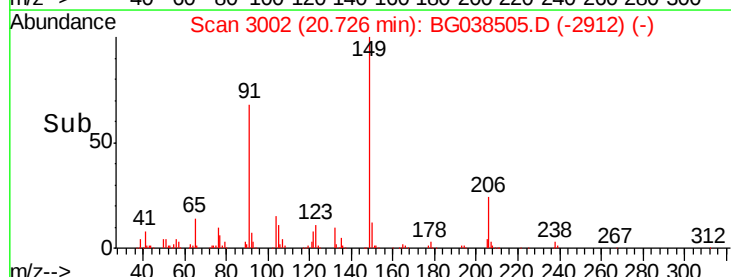
206 23.6 19.0 28.6

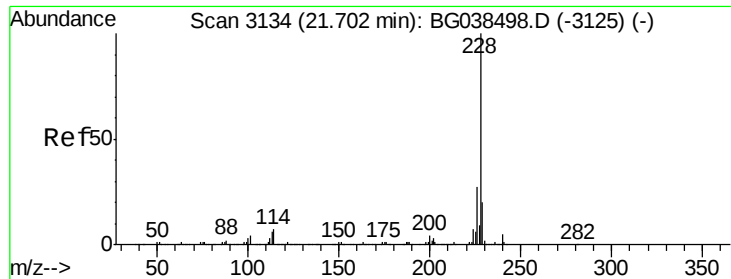


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.082 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038505.D

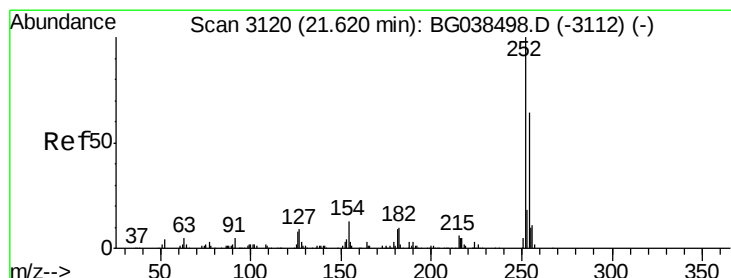
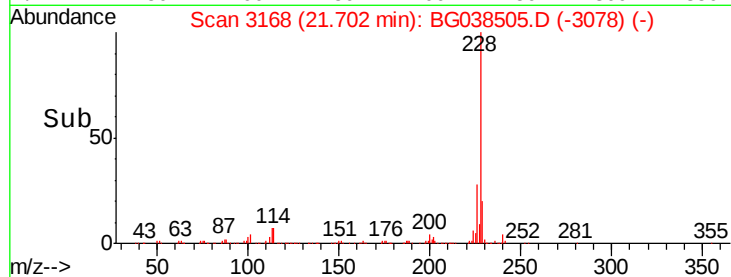
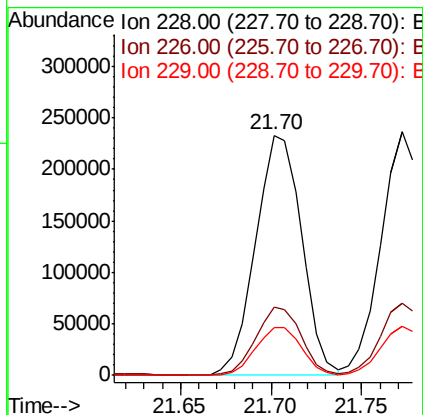
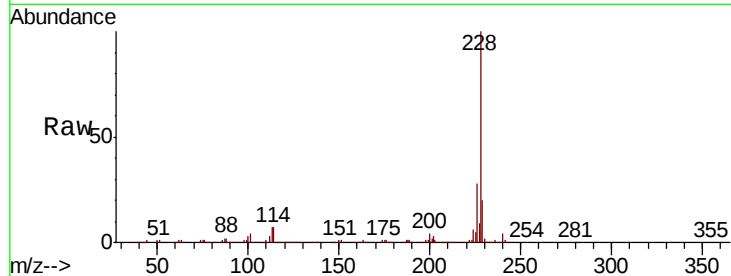
Acq: 12 Dec 2018 18:47

Instrument :

BNA\_G

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 228   | Resp: | 411666 |
| Ion      | Ratio | Lower | Upper  |
| 228      | 100   |       |        |
| 226      | 28.2  | 21.8  | 32.8   |
| 229      | 19.7  | 15.8  | 23.6   |



#82

3,3'-Dichlorobenzidine

Concen: 41.578 ng

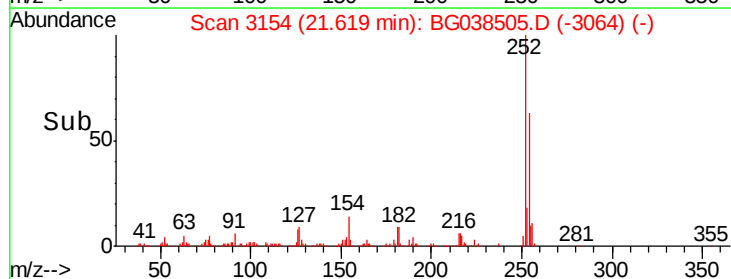
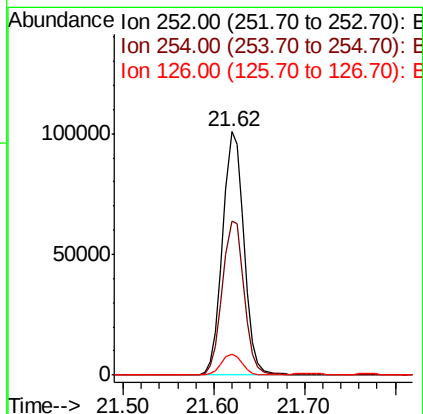
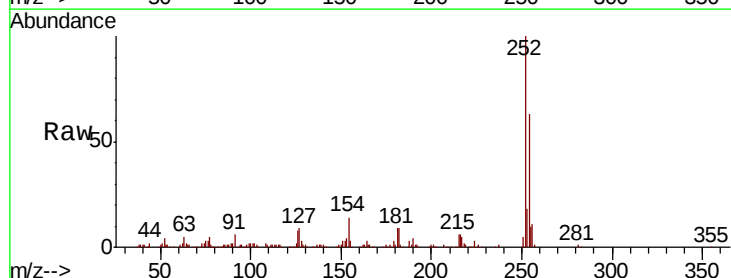
RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG038505.D

Acq: 12 Dec 2018 18:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 165240 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 254      | 63.3  | 50.9  | 76.3   |
| 126      | 8.5   | 6.3   | 9.5    |





#83

Chrysene

Concen: 40.238 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG038505.D

Acq: 12 Dec 2018 18:47

Instrument :

BNA\_G

ClientSampleId :

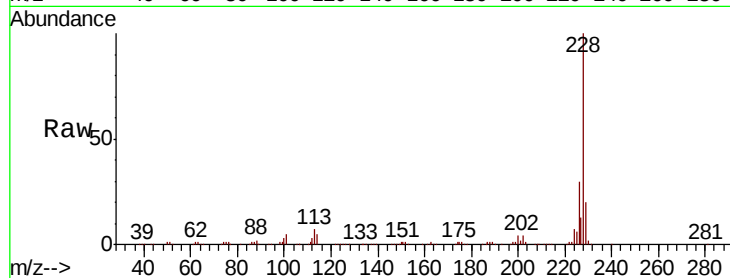
Tgt Ion:228 Resp: 388362

Ion Ratio Lower Upper

228 100

226 29.8 25.0 37.4

229 20.0 16.5 24.7

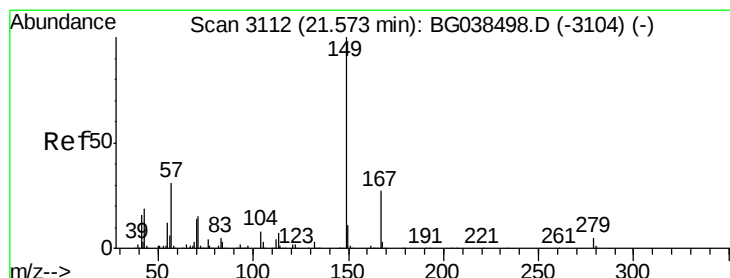
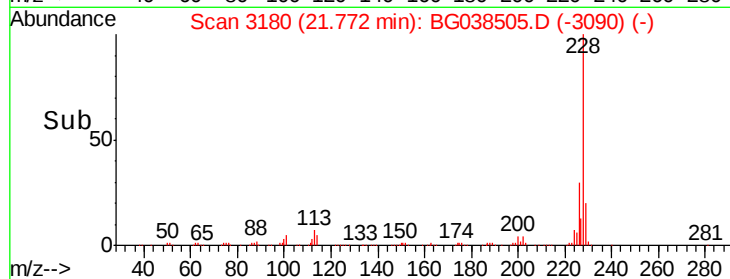
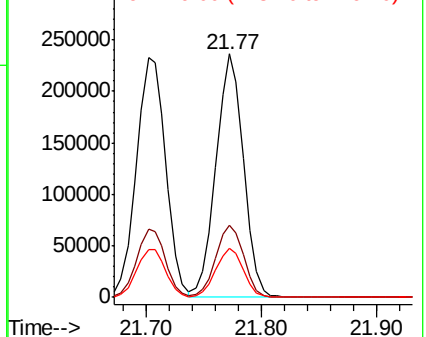


Abundance

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: 41.058 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG038505.D

Acq: 12 Dec 2018 18:47

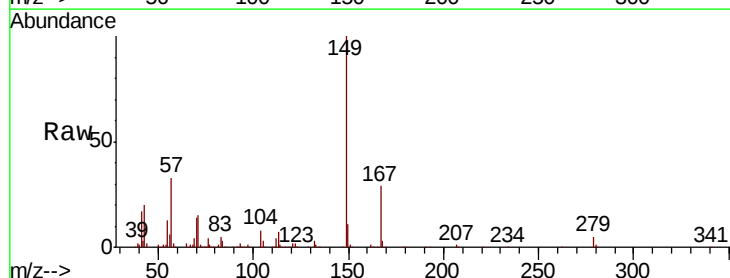
Tgt Ion:149 Resp: 247155

Ion Ratio Lower Upper

149 100

167 29.0 21.9 32.9

279 4.7 4.2 6.2

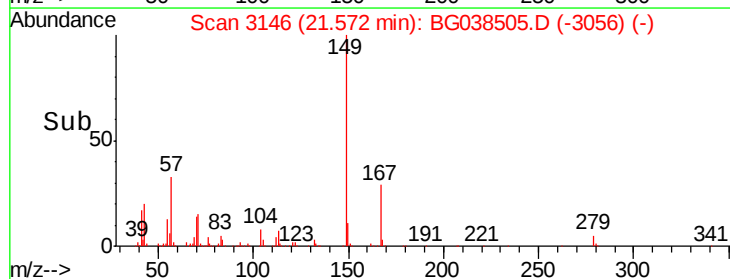
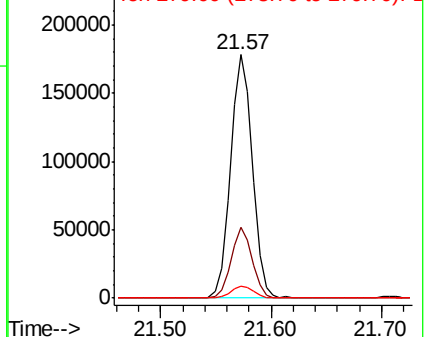


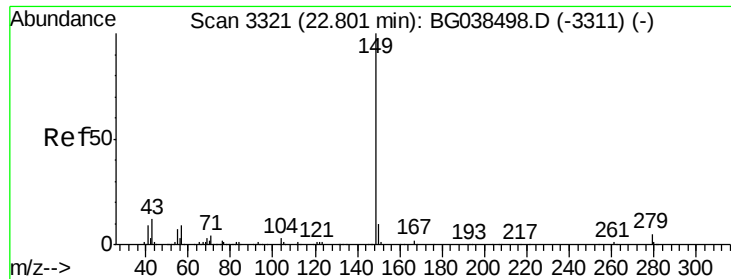
Abundance

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

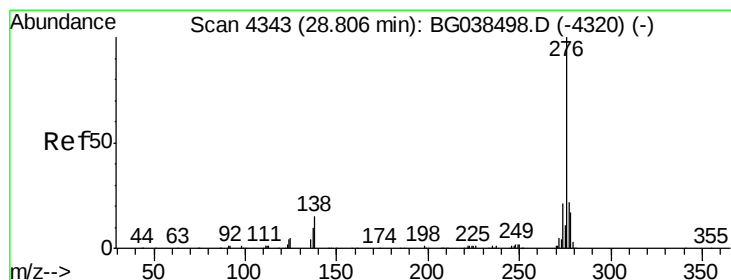
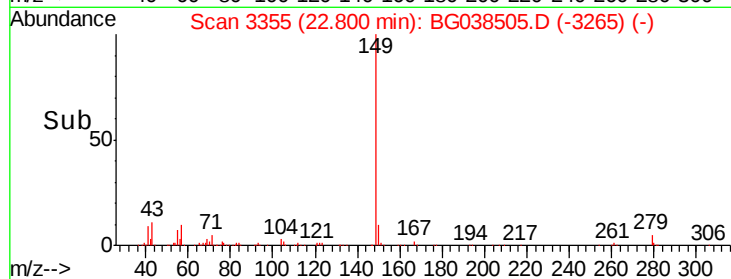
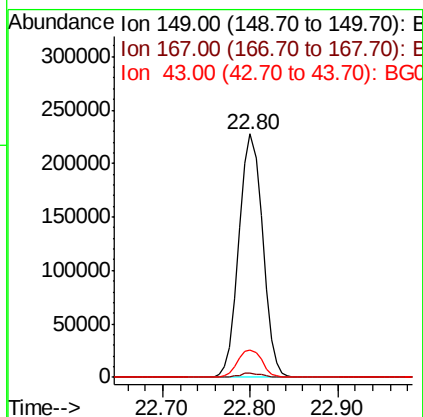
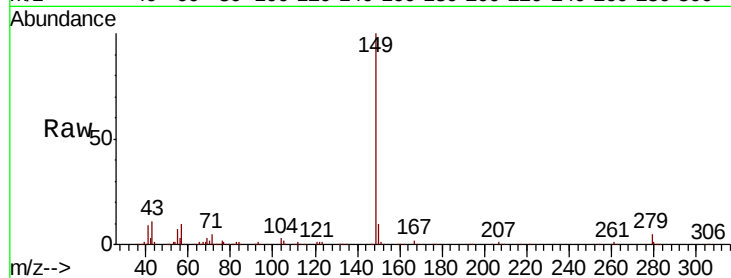




#85  
 Di-n-octyl phthalate  
 Concen: 41.245 ng  
 RT: 22.80 min Scan# 3355  
 Delta R.T. -0.00 min  
 Lab File: BG038505.D  
 Acq: 12 Dec 2018 18:47

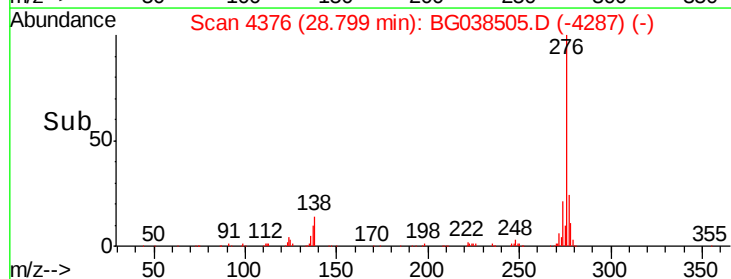
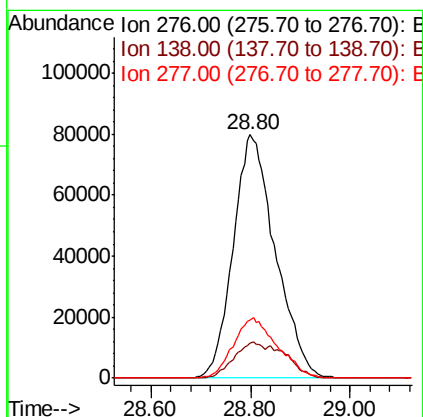
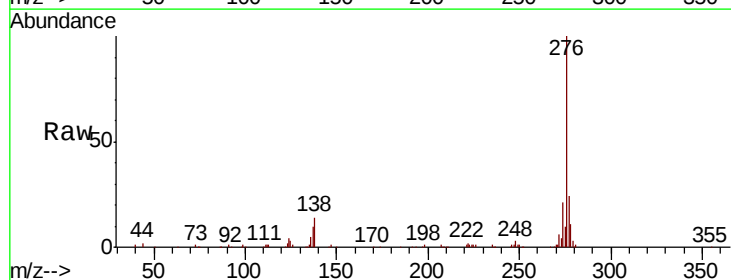
Instrument :  
 BNA\_G  
 ClientSampleId :

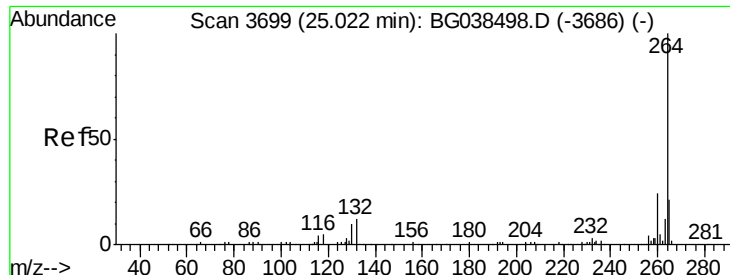
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.2   | 1.8   |
| 43      | 11.8  | 9.3   | 13.9  |



#86  
 Indeno(1,2,3-cd)pyrene  
 Concen: 41.336 ng  
 RT: 28.80 min Scan# 4376  
 Delta R.T. -0.01 min  
 Lab File: BG038505.D  
 Acq: 12 Dec 2018 18:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 10.3  | 14.4  | 21.6# |
| 277     | 25.6  | 0.0   | 0.0#  |





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG038505.D

Acq: 12 Dec 2018 18:47

Instrument :

BNA\_G

ClientSampleId :

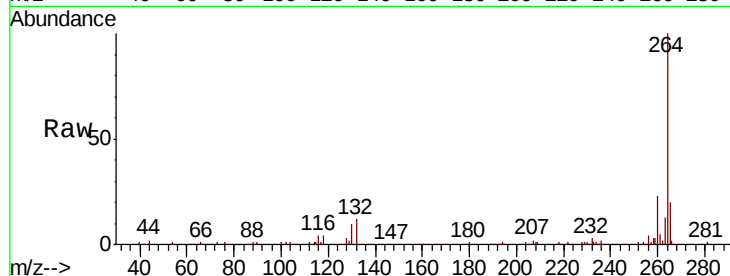
Tgt Ion:264 Resp: 181413

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

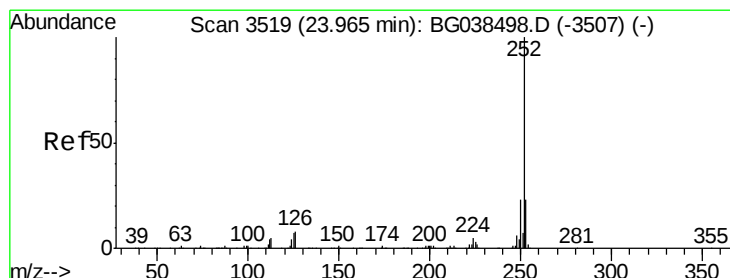
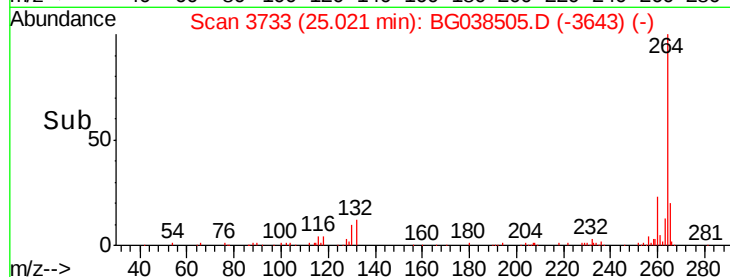
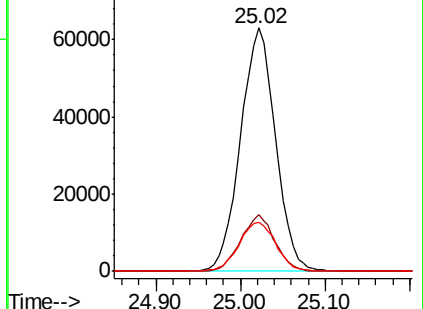
265 20.2 17.0 25.4



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: 40.659 ng

RT: 23.97 min Scan# 3554

Delta R.T. 0.01 min

Lab File: BG038505.D

Acq: 12 Dec 2018 18:47

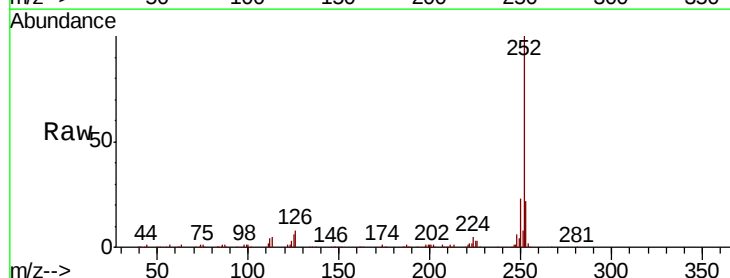
Tgt Ion:252 Resp: 404976

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

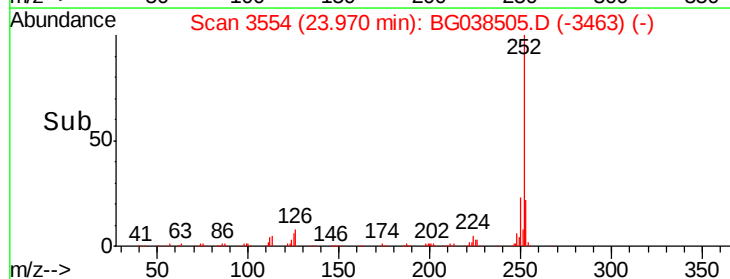
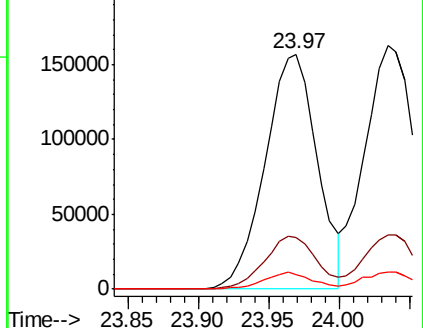
125 6.3 5.5 8.3

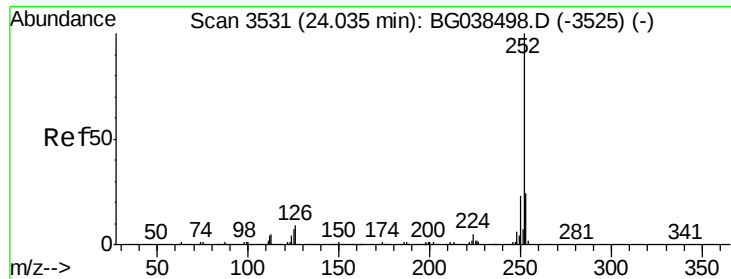


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.907 ng

RT: 24.03 min Scan# 3565

Delta R.T. -0.00 min

Lab File: BG038505.D

Acq: 12 Dec 2018 18:47

Instrument :

BNA\_G

ClientSampleId :

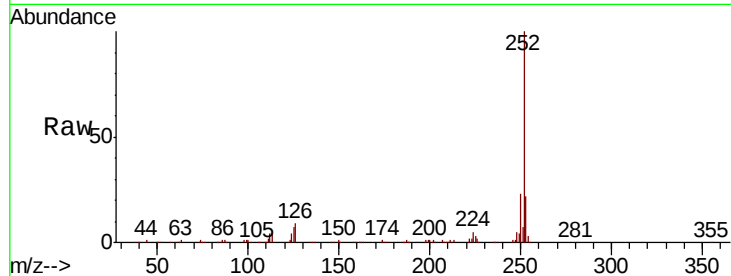
Tgt Ion:252 Resp: 405728

Ion Ratio Lower Upper

252 100

253 22.5 18.9 28.3

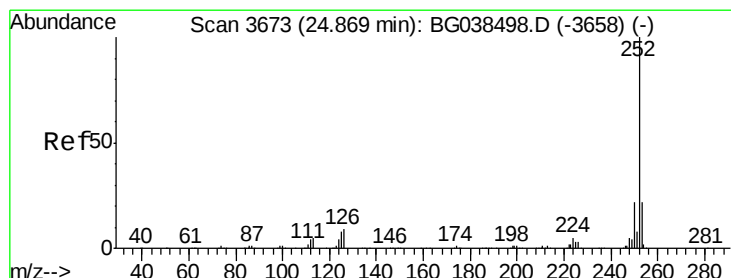
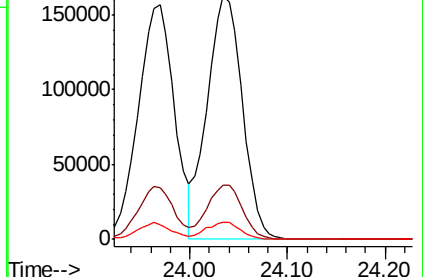
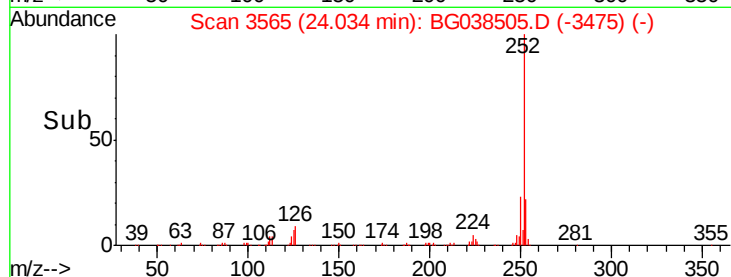
125 6.9 5.4 8.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.927 ng

RT: 24.87 min Scan# 3707

Delta R.T. -0.00 min

Lab File: BG038505.D

Acq: 12 Dec 2018 18:47

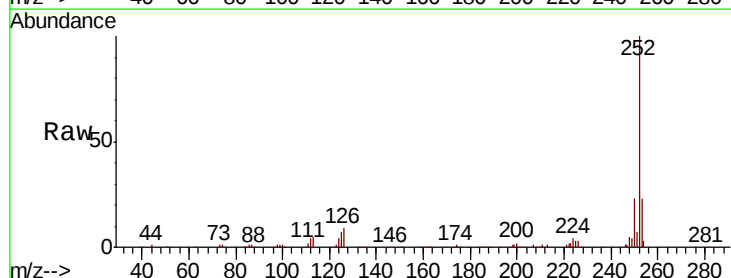
Tgt Ion:252 Resp: 393272

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.0

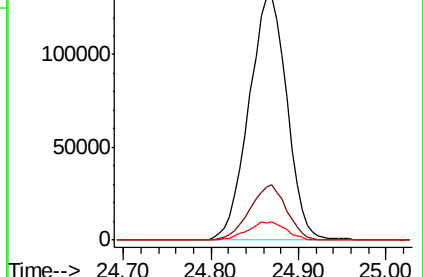
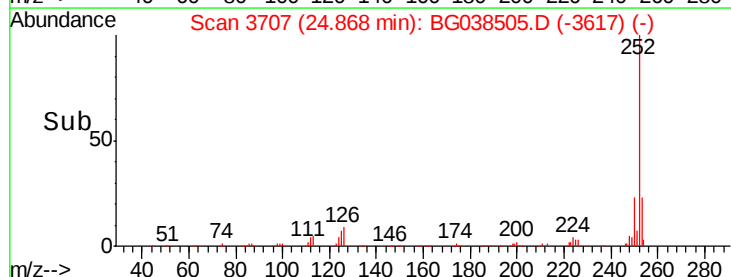
125 7.4 6.4 9.6

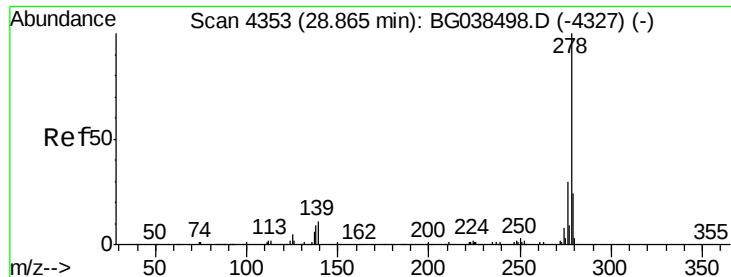


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.974 ng

RT: 28.86 min Scan# 4387

Delta R.T. -0.00 min

Lab File: BG038505.D

Acq: 12 Dec 2018 18:47

Instrument :

BNA\_G

ClientSampleId :

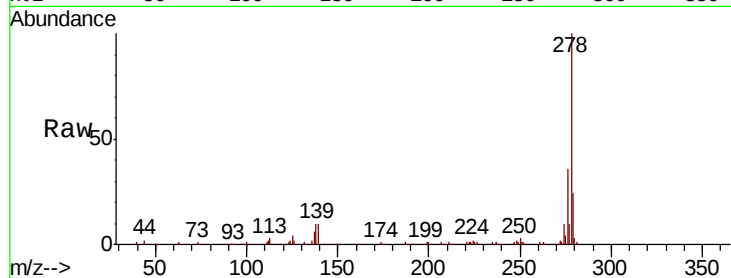
Tgt Ion:278 Resp: 392025

Ion Ratio Lower Upper

278 100

139 9.8 8.6 12.8

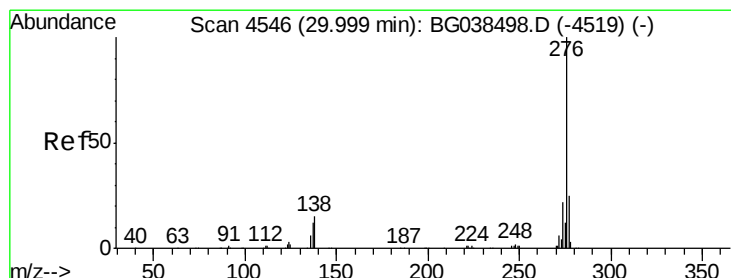
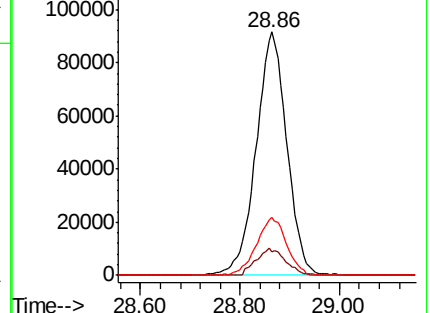
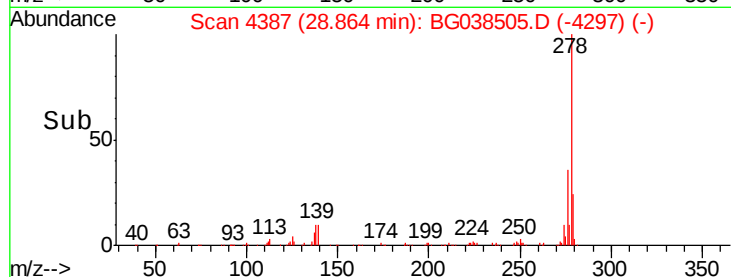
279 24.0 19.0 28.6



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: 41.160 ng

RT: 29.99 min Scan# 4579

Delta R.T. -0.01 min

Lab File: BG038505.D

Acq: 12 Dec 2018 18:47

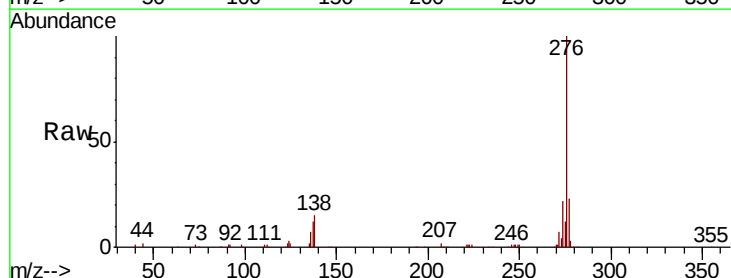
Tgt Ion:276 Resp: 388095

Ion Ratio Lower Upper

276 100

277 23.4 19.8 29.8

138 14.6 11.8 17.6



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

