

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\  
 Data File : BG038757.D  
 Acq On : 20 Dec 2018 10:54  
 Operator : JU/SJ  
 Sample : PB115840BS  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB115840BS

Quant Time: Dec 20 12:22:58 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 | 8.05  | 152  | 26190    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.87 | 136  | 103007   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.69 | 164  | 69291    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.44 | 188  | 172580   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.72 | 240  | 175500   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.02 | 264  | 190339   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.61  | 112 | 181414 | 122.86 | ng | 0.00 |
| 7) Phenol-d6             | 7.21  | 99  | 248128 | 122.41 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.23  | 82  | 146789 | 72.80  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.18 | 330 | 124178 | 130.04 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.31 | 172 | 379615 | 75.16  | ng | 0.00 |
| 79) Terphenyl-d14        | 20.04 | 244 | 702773 | 87.15  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.49  | 88  | 18958  | 27.586 | ng | 97     |
| 3) Pyridine                    | 3.89  | 79  | 54258  | 28.676 | ng | 95     |
| 4) n-Nitrosodimethylamine      | 3.82  | 42  | 34666  | 37.392 | ng | # 88   |
| 6) Aniline                     | 7.38  | 93  | 29757  | 11.499 | ng | 97     |
| 8) 2-Chlorophenol              | 7.62  | 128 | 67689  | 39.612 | ng | 97     |
| 9) Benzaldehyde                | 7.20  | 77  | 19501  | 14.830 | ng | 97     |
| 10) Phenol                     | 7.24  | 94  | 84329  | 39.157 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.48  | 93  | 57583  | 33.584 | ng | 92     |
| 12) 1,3-Dichlorobenzene        | 7.94  | 146 | 69516  | 34.407 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 8.09  | 146 | 71938  | 34.765 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 8.41  | 146 | 67993  | 34.854 | ng | 98     |
| 15) Benzyl Alcohol             | 8.30  | 79  | 60123  | 37.999 | ng | 94     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.58  | 45  | 121311 | 30.886 | ng | 97     |
| 17) 2-Methylphenol             | 8.50  | 107 | 56855  | 39.404 | ng | 97     |
| 18) Hexachloroethane           | 9.13  | 117 | 25736  | 34.036 | ng | 89     |
| 19) n-Nitroso-di-n-propylamine | 8.86  | 70  | 46990  | 33.005 | ng | 99     |
| 20) 3+4-Methylphenols          | 8.82  | 107 | 77582  | 38.933 | ng | 97     |
| 22) Acetophenone               | 8.89  | 105 | 95495  | 37.116 | ng | # 96   |
| 24) Nitrobenzene               | 9.27  | 77  | 74071  | 36.314 | ng | 98     |
| 25) Isophorone                 | 9.79  | 82  | 132862 | 36.675 | ng | 99     |
| 26) 2-Nitrophenol              | 9.99  | 139 | 38641  | 37.013 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 10.03 | 122 | 65655  | 43.881 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 10.27 | 93  | 76391  | 37.366 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.52 | 162 | 73479  | 44.145 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.73 | 180 | 77371  | 38.482 | ng | 98     |
| 31) Naphthalene                | 10.93 | 128 | 207313 | 40.848 | ng | 98     |
| 32) Benzoic acid               | 10.19 | 122 | 25835  | 31.592 | ng | # 85   |
| 33) 4-Chloroaniline            | 11.04 | 127 | 15141  | 6.872  | ng | 96     |
| 34) Hexachlorobutadiene        | 11.18 | 225 | 50666  | 37.242 | ng | 95     |
| 35) Caprolactam                | 11.82 | 113 | 23301  | 33.826 | ng | 99     |
| 36) 4-Chloro-3-methylphenol    | 12.15 | 107 | 75228  | 39.605 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.52 | 142 | 155219 | 42.869 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.74 | 142 | 146282 | 41.634 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.88 | 216 | 94583  | 36.518 | ng | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\  
 Data File : BG038757.D  
 Acq On : 20 Dec 2018 10:54  
 Operator : JU/SJ  
 Sample : PB115840BS  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

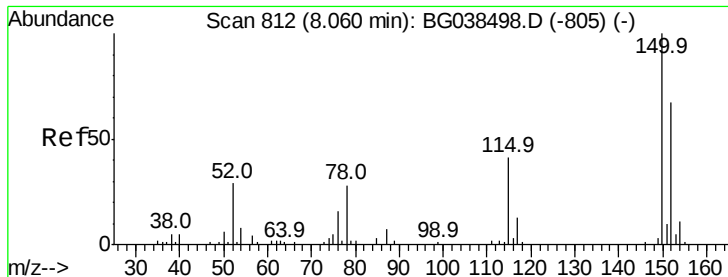
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB115840BS

Quant Time: Dec 20 12:22:58 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  | 12.85 | 237  | 113254   | 79.590 | nq    | 97       |
| 43) 2,4,6-Trichlorophenol      | 13.13 | 196  | 65006    | 40.819 | nq    | 96       |
| 44) 2,4,5-Trichlorophenol      | 13.21 | 196  | 72849    | 43.205 | nq    | 97       |
| 46) 1,1'-Biphenyl              | 13.52 | 154  | 203637   | 35.057 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 13.58 | 162  | 165891   | 36.971 | nq    | 99       |
| 48) 2-Nitroaniline             | 13.79 | 65   | 51395    | 35.960 | nq    | 89       |
| 49) Acenaphthylene             | 14.42 | 152  | 271127   | 40.419 | nq    | 100      |
| 50) Dimethylphthalate          | 14.15 | 163  | 214888   | 37.976 | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.27 | 165  | 48352    | 37.707 | nq    | 96       |
| 52) Acenaphthene               | 14.76 | 154  | 155170   | 38.685 | nq    | 99       |
| 53) 3-Nitroaniline             | 14.61 | 138  | 16795    | 12.848 | nq    | 100      |
| 54) 2,4-Dinitrophenol          | 14.82 | 184  | 41978    | 56.636 | nq    | 99       |
| 55) Dibenzofuran               | 15.09 | 168  | 263555   | 38.332 | nq    | 98       |
| 56) 4-Nitrophenol              | 14.92 | 139  | 71231    | 71.830 | nq    | 99       |
| 57) 2,4-Dinitrotoluene         | 15.06 | 165  | 70028    | 38.773 | nq    | 96       |
| 58) Fluorene                   | 15.74 | 166  | 211753   | 41.569 | nq    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.31 | 232  | 66039    | 43.533 | nq    | 96       |
| 60) Diethylphthalate           | 15.50 | 149  | 219343   | 35.310 | nq    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.73 | 204  | 121973   | 38.376 | nq    | 96       |
| 62) 4-Nitroaniline             | 15.77 | 138  | 50599    | 37.599 | nq    | 95       |
| 63) Azobenzene                 | 16.02 | 77   | 189119   | 36.444 | nq    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 15.82 | 198  | 39390    | 31.996 | nq    | 96       |
| 66) n-Nitrosodiphenylamine     | 15.94 | 169  | 192492   | 37.961 | nq    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.63 | 248  | 81358    | 38.600 | nq    | 96       |
| 68) Hexachlorobenzene          | 16.74 | 284  | 85553    | 39.157 | nq    | 98       |
| 69) Atrazine                   | 16.88 | 200  | 79203    | 42.088 | nq    | 98       |
| 70) Pentachlorophenol          | 17.09 | 266  | 81283    | 62.897 | nq    | 96       |
| 71) Phenanthrene               | 17.48 | 178  | 369771   | 41.318 | nq    | 100      |
| 72) Anthracene                 | 17.58 | 178  | 378329   | 42.822 | nq    | 99       |
| 73) Carbazole                  | 17.85 | 167  | 326820   | 37.404 | nq    | 98       |
| 74) Di-n-butylphthalate        | 18.38 | 149  | 382631   | 38.164 | nq    | 98       |
| 75) Fluoranthene               | 19.49 | 202  | 459311   | 41.481 | nq    | 97       |
| 77) Benzidine                  | 19.67 | 184  | 117816   | 22.699 | nq    | 98       |
| 78) Pyrene                     | 19.86 | 202  | 456212   | 39.349 | nq    | 98       |
| 80) Butylbenzylphthalate       | 20.72 | 149  | 171525   | 37.867 | nq    | 99       |
| 81) Benzo(a)anthracene         | 21.70 | 228  | 445329   | 41.643 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.61 | 252  | 78195    | 18.436 | nq    | 99       |
| 83) Chrysene                   | 21.77 | 228  | 415649   | 40.352 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.57 | 149  | 239129   | 37.223 | nq    | 97       |
| 85) Di-n-octyl phthalate       | 22.79 | 149  | 406053   | 37.741 | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.80 | 276  | 504429   | 41.654 | nq    | # 94     |
| 88) Benzo(b)fluoranthene       | 23.96 | 252  | 444097   | 42.496 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 24.03 | 252  | 435053   | 41.806 | nq    | 98       |
| 90) Benzo(a)pyrene             | 24.86 | 252  | 436650   | 43.310 | nq    | 98       |
| 91) Dibenzo(a,h)anthracene     | 28.86 | 278  | 415223   | 41.364 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.99 | 276  | 417713   | 42.224 | nq    | 97       |

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



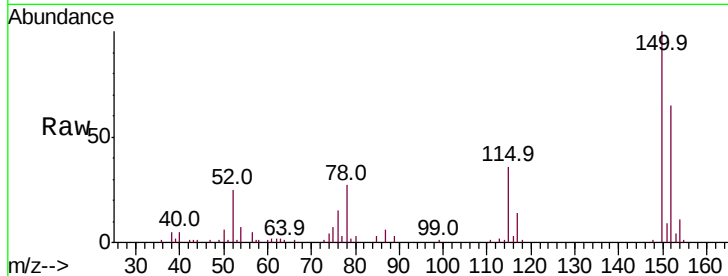


#1

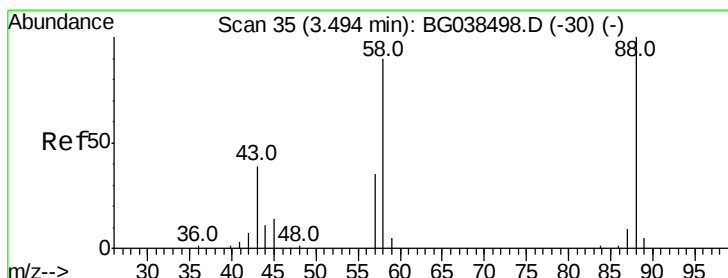
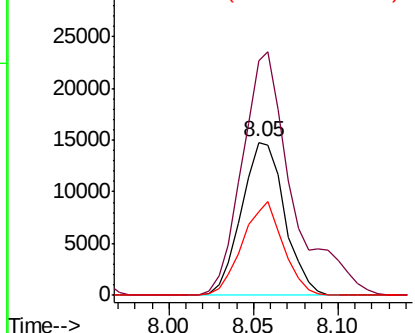
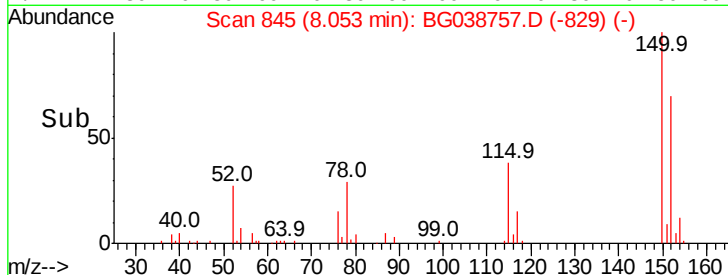
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.05 min Scan# 845  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

Instrument :  
BNA\_G  
ClientSampleId :  
PB115840BS

Tot Ion:152 Resp: 26190  
Ion Ratio Lower Upper  
152 100  
150 153.2 119.5 179.3  
115 54.5 49.6 74.4



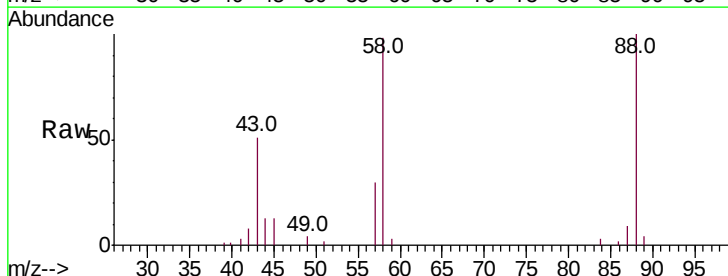
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



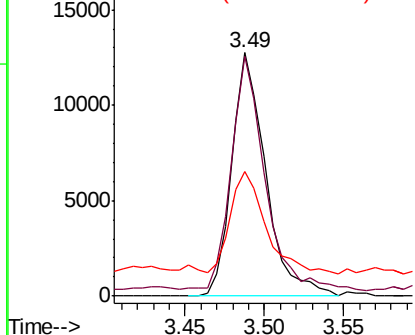
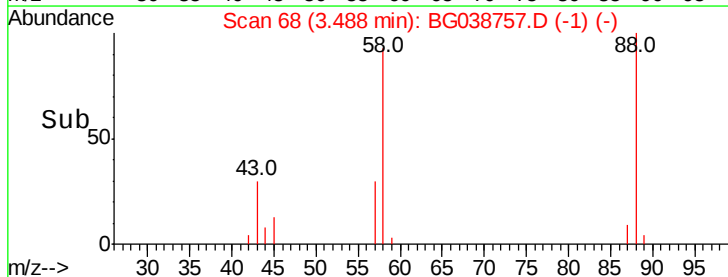
#2

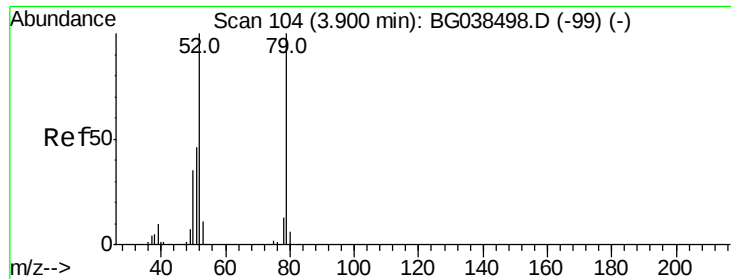
1,4-Dioxane  
Concen: 27.586 ng  
RT: 3.49 min Scan# 68  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

Tgt Ion: 88 Resp: 18958  
Ion Ratio Lower Upper  
88 100  
58 95.3 75.7 113.5  
43 44.6 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

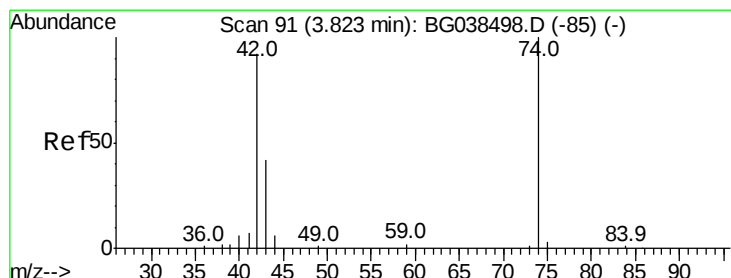
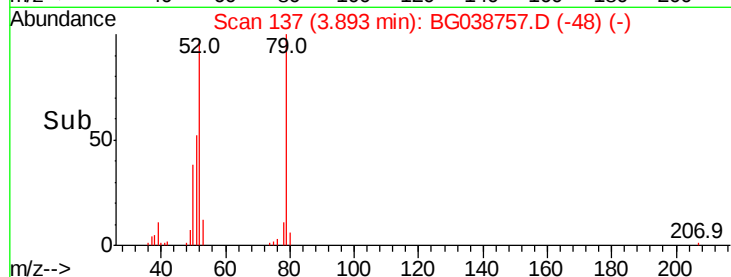
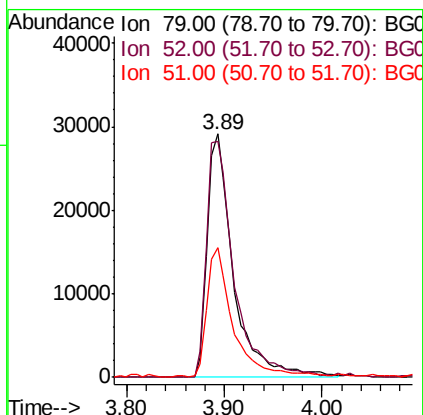
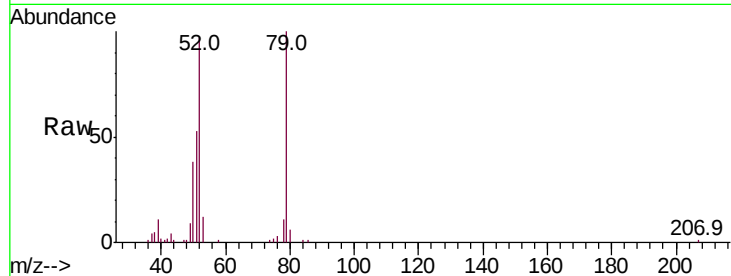




#3  
 Pvridine  
 Concen: 28.676 ng  
 RT: 3.89 min Scan# 137  
 Delta R.T. -0.01 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

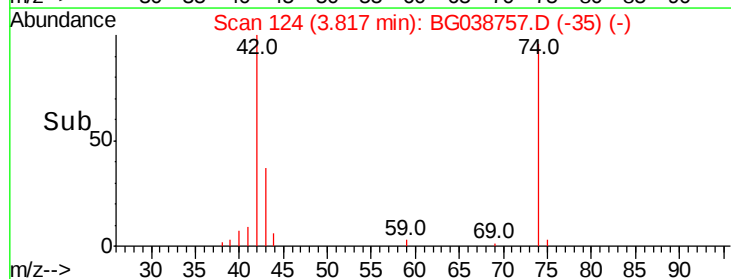
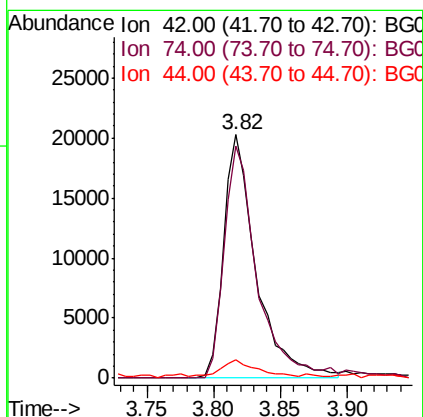
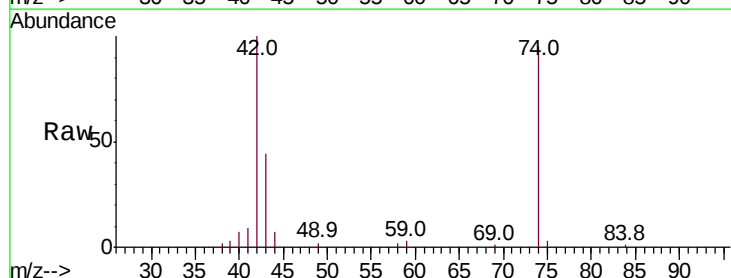
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB115840BS

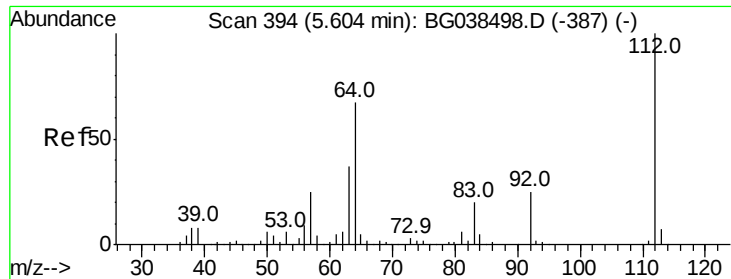
Tot Ion: 79 Resp: 54258  
 Ion Ratio Lower Upper  
 79 100  
 52 97.1 80.2 120.2  
 51 53.3 38.0 57.0



#4  
 n-Nitrosodimethylamine  
 Concen: 37.392 ng  
 RT: 3.82 min Scan# 124  
 Delta R.T. -0.01 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

Tgt Ion: 42 Resp: 34666  
 Ion Ratio Lower Upper  
 42 100  
 74 95.4 86.7 130.1  
 44 7.4 7.8 11.8#





#5

2-Fluorophenol

Concen: 122.858 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Instrument :

BNA\_G

ClientSampleId :

PB115840BS

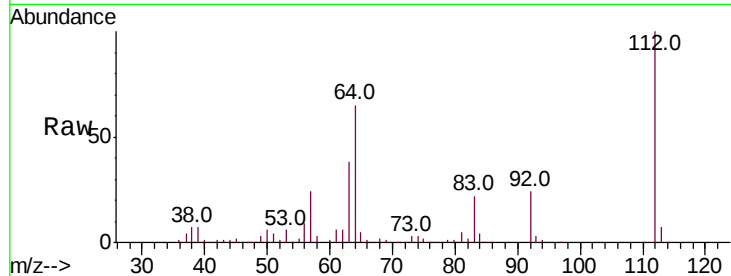
Tot Ion:112 Resp: 181414

Ion Ratio Lower Upper

112 100

64 64.7 53.4 80.2

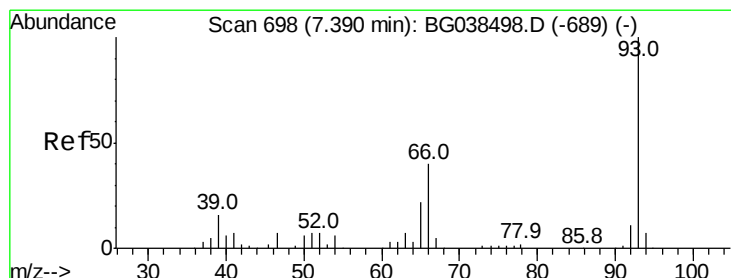
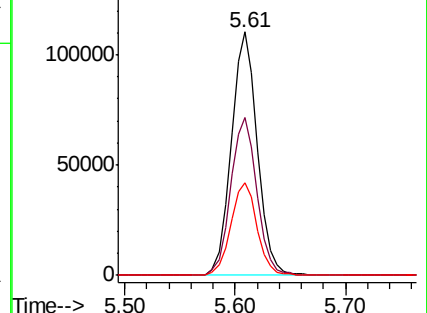
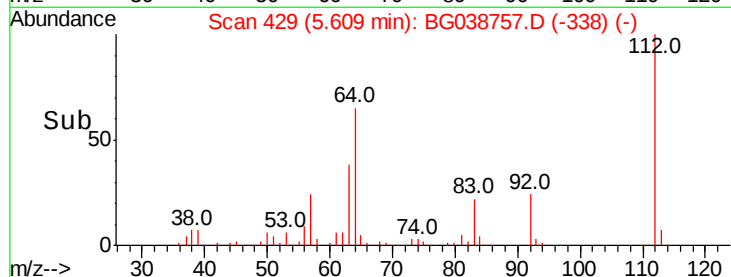
63 37.9 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 11.499 ng

RT: 7.38 min Scan# 731

Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

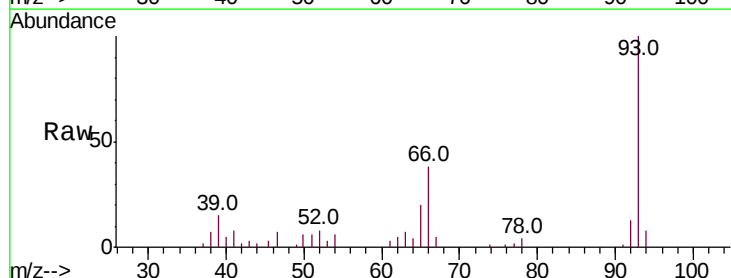
Tgt Ion: 93 Resp: 29757

Ion Ratio Lower Upper

93 100

66 37.8 31.7 47.5

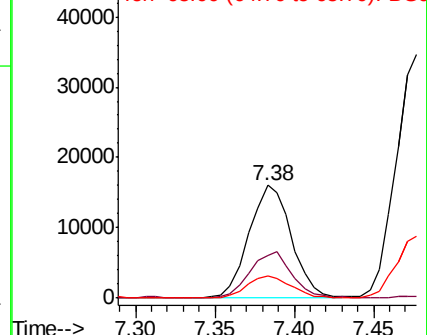
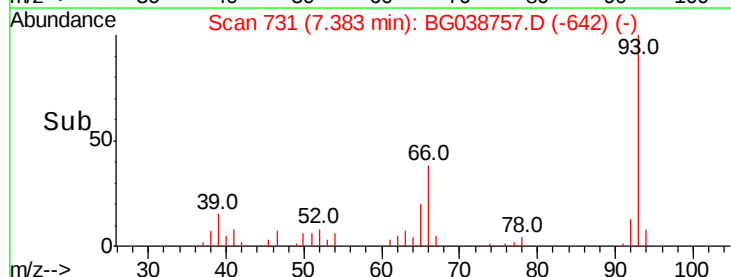
65 20.1 17.8 26.6

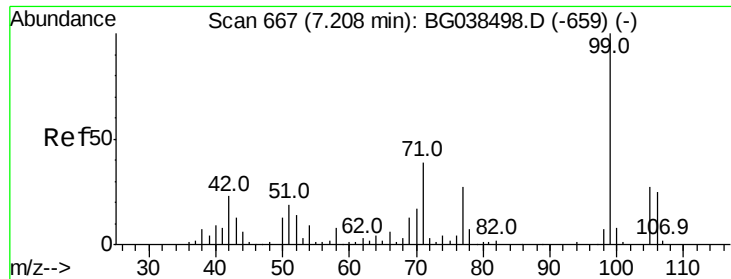


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 122.405 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Instrument :

BNA\_G

ClientSampleId :

PB115840BS

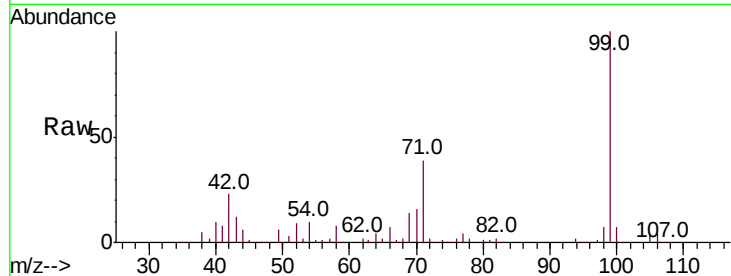
Tot Ion: 99 Resp: 248128

Ion Ratio Lower Upper

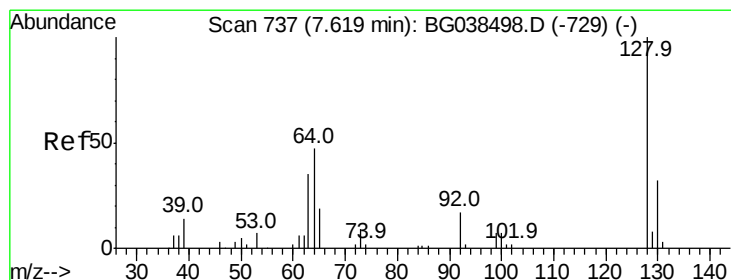
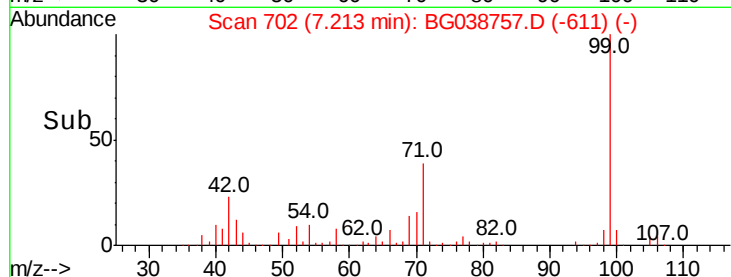
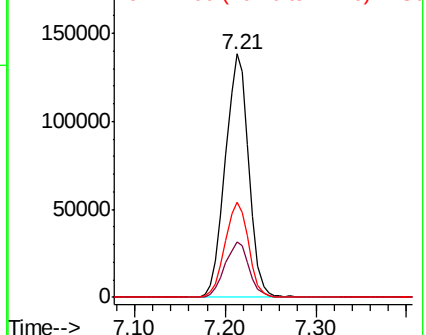
99 100

42 22.6 18.5 27.7

71 38.8 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: 39.612 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

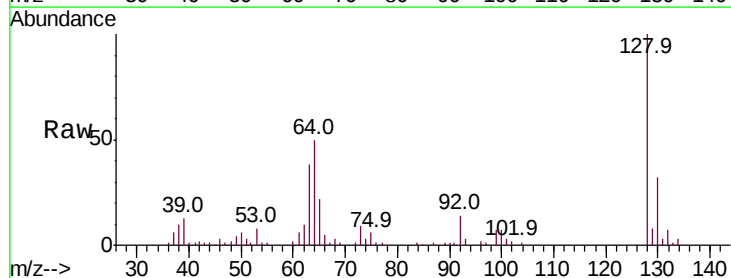
Tgt Ion:128 Resp: 67689

Ion Ratio Lower Upper

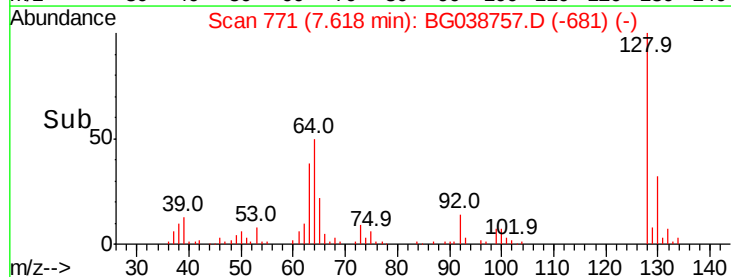
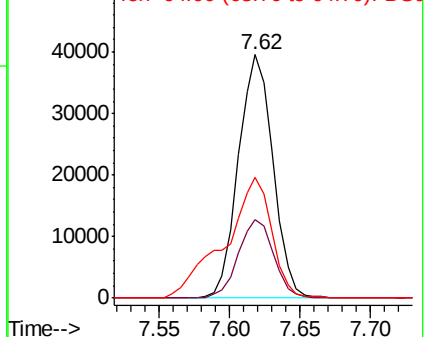
128 100

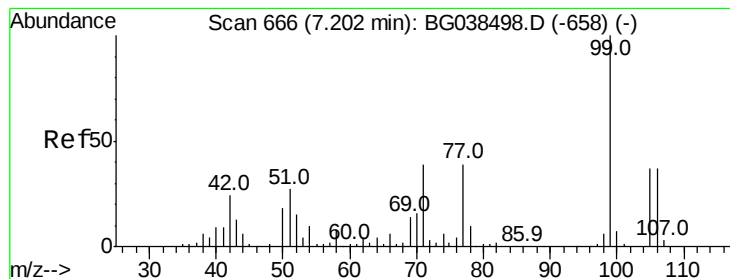
130 32.0 11.8 51.8

64 49.7 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: 14.830 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Instrument :

BNA\_G

ClientSampled :

PB115840BS

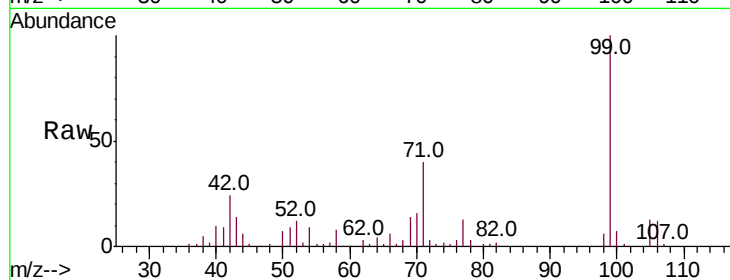
Tot Ion: 77 Resp: 19501

Ion Ratio Lower Upper

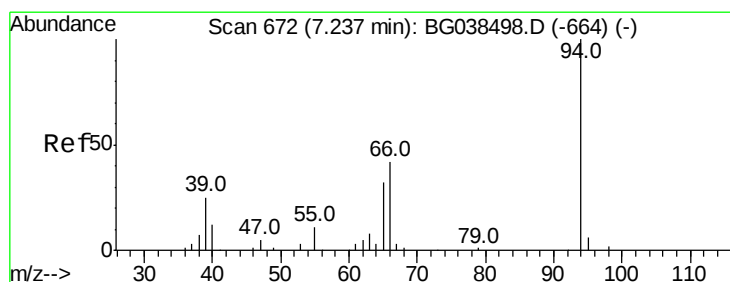
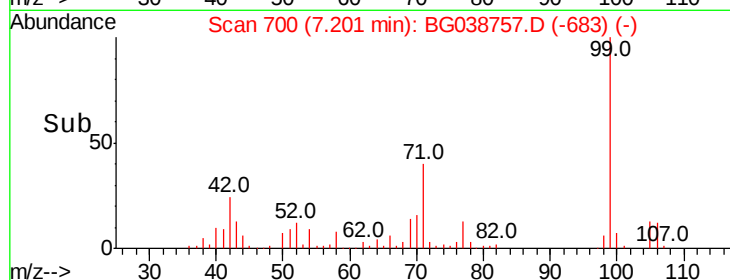
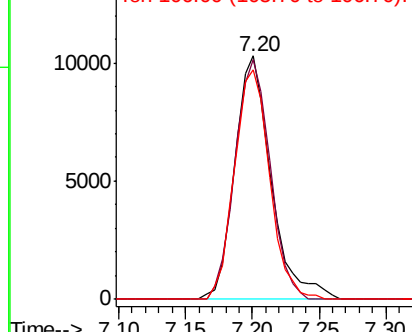
77 100

105 98.7 74.0 114.0

106 94.5 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: 39.157 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

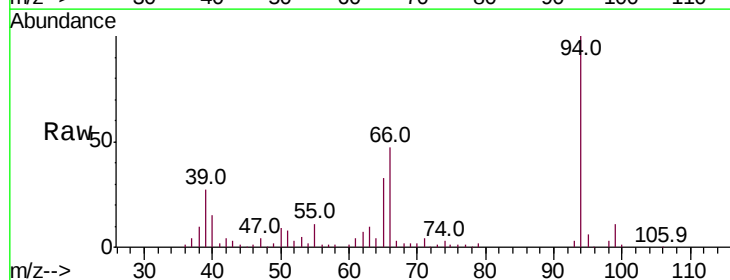
Tgt Ion: 94 Resp: 84329

Ion Ratio Lower Upper

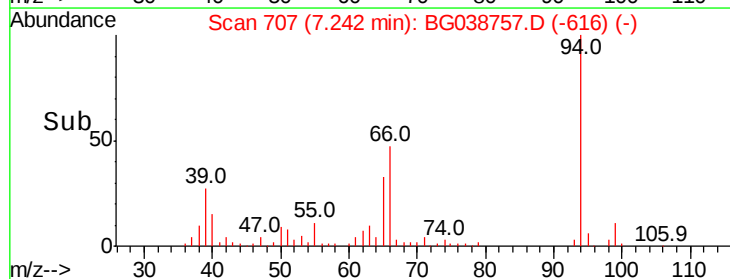
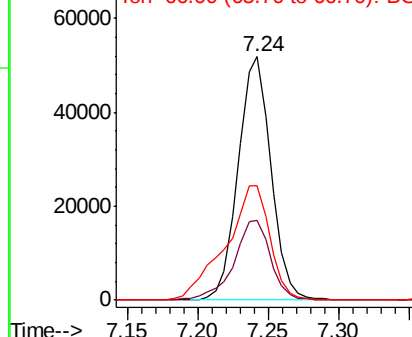
94 100

65 32.7 12.6 52.6

66 46.8 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: 33.584 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Instrument :

BNA\_G

ClientSampleId :

PB115840BS

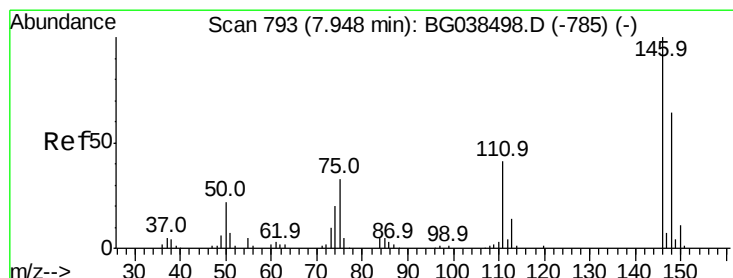
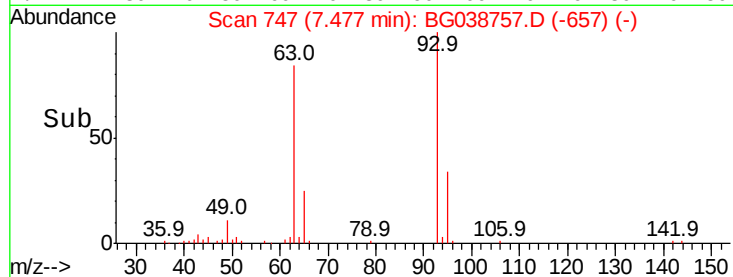
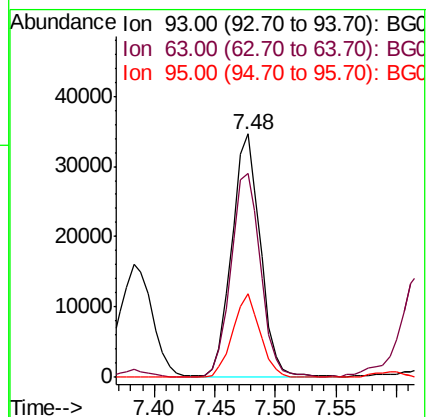
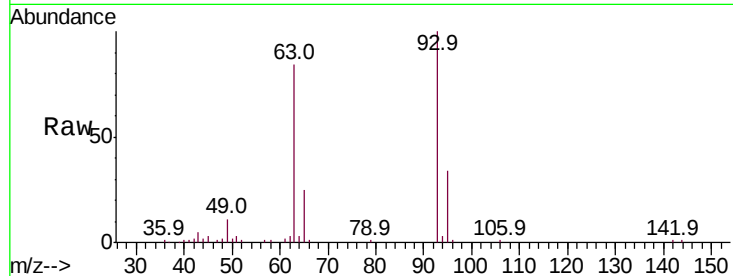
Tot Ion: 93 Resp: 57583

Ion Ratio Lower Upper

93 100

63 83.8 72.2 112.2

95 34.5 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 34.407 ng

RT: 7.94 min Scan# 826

Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

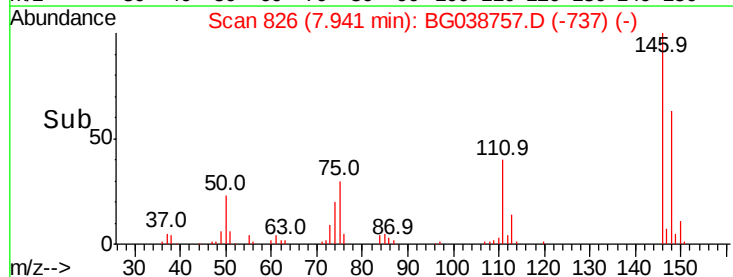
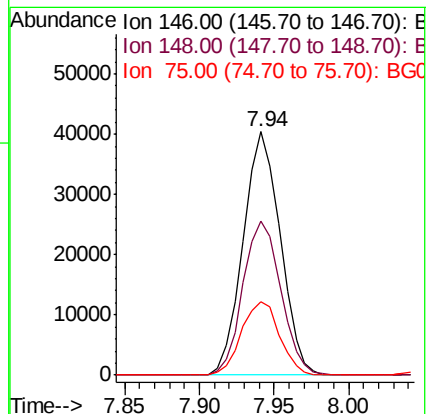
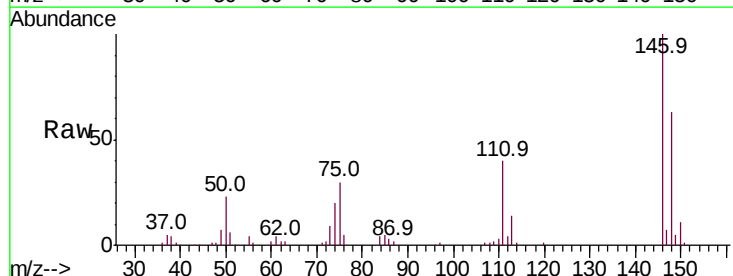
Tgt Ion: 146 Resp: 69516

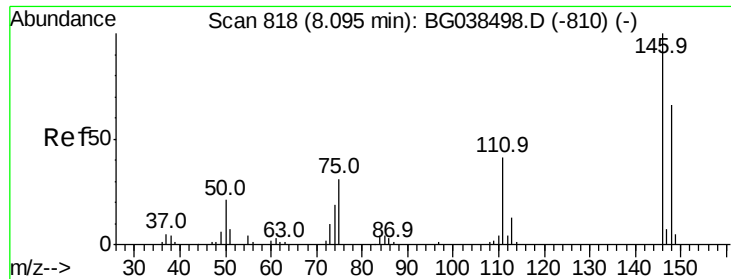
Ion Ratio Lower Upper

146 100

148 63.4 51.4 77.0

75 29.9 26.1 39.1

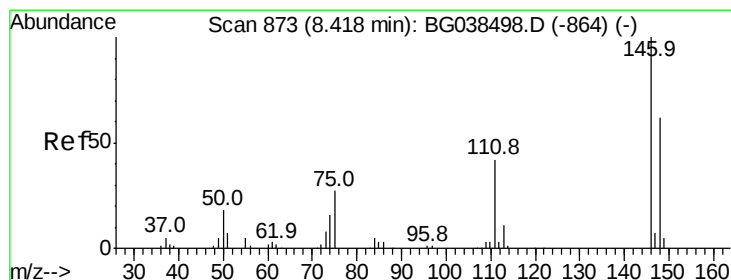
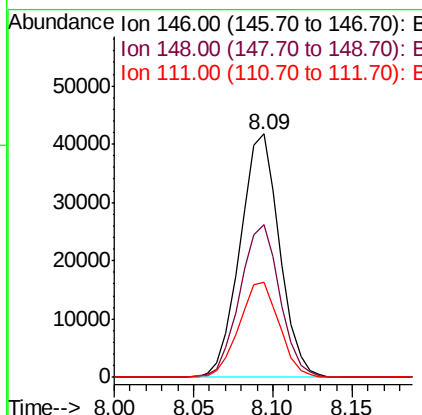
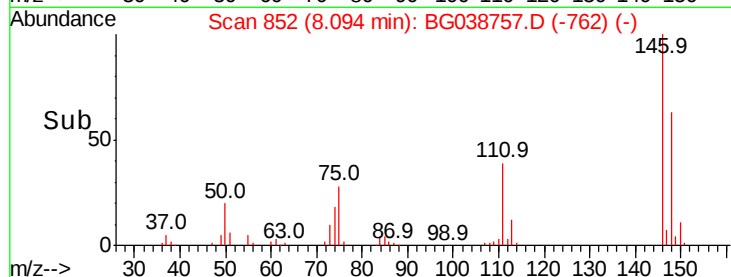
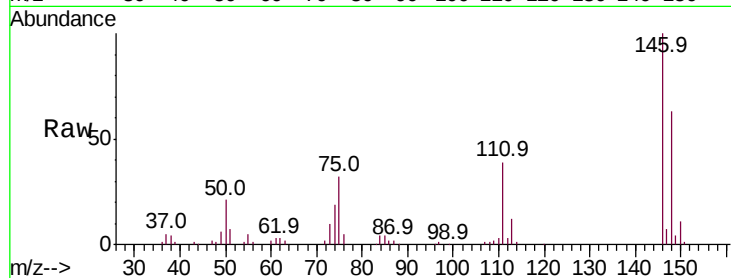




#13  
 1,4-Dichlorobenzene  
 Concen: 34.765 ng  
 RT: 8.09 min Scan# 852  
 Delta R.T. -0.00 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

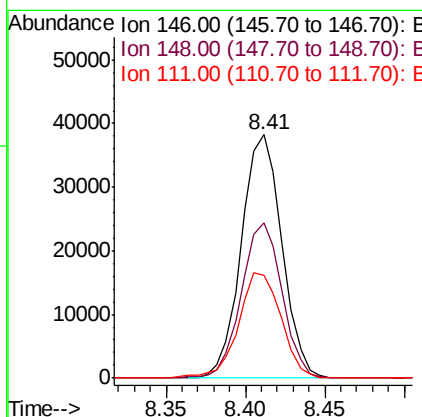
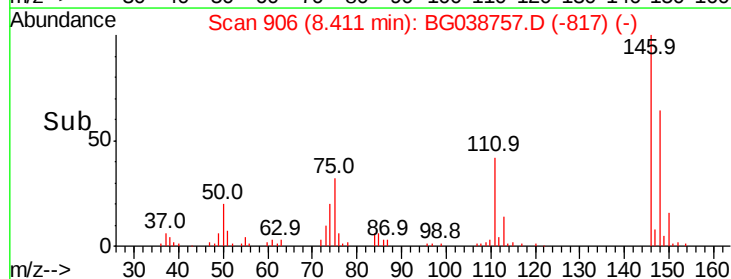
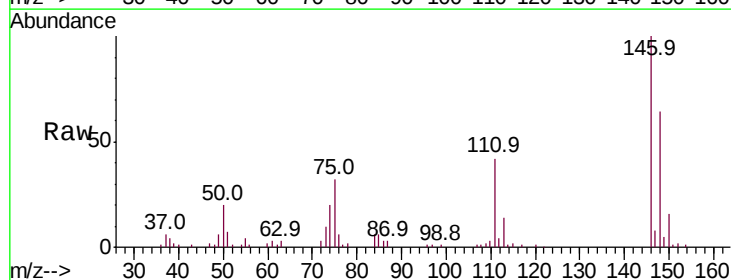
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB115840BS

Tot Ion:146 Resp: 71938  
 Ion Ratio Lower Upper  
 146 100  
 148 62.9 52.4 78.6  
 111 39.0 33.0 49.4



#14  
 1,2-Dichlorobenzene  
 Concen: 34.854 ng  
 RT: 8.41 min Scan# 906  
 Delta R.T. -0.01 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

Tgt Ion:146 Resp: 67993  
 Ion Ratio Lower Upper  
 146 100  
 148 63.8 49.4 74.0  
 111 42.2 33.8 50.6





#15

Benzyl Alcohol

Concen: 37.999 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Instrument :

BNA\_G

ClientSampleId :

PB115840BS

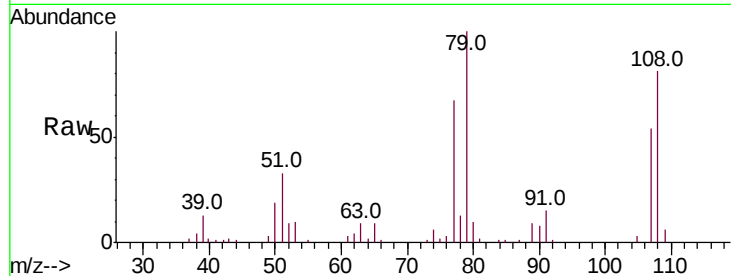
Tot Ion: 79 Resp: 60123

Ion Ratio Lower Upper

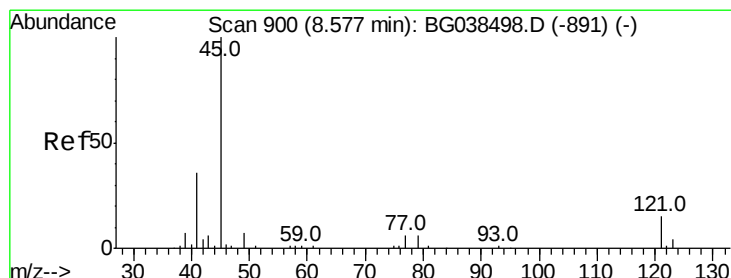
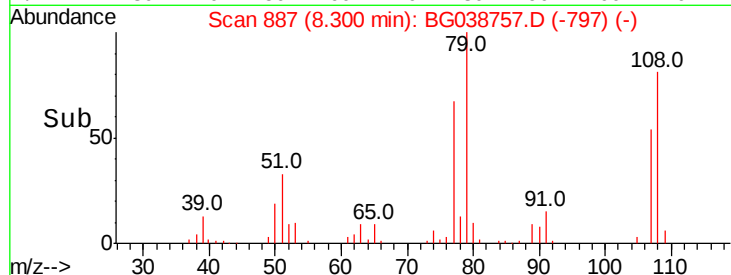
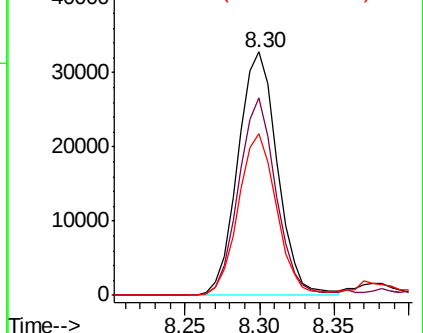
79 100

108 81.1 60.2 90.4

77 66.6 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: 30.886 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

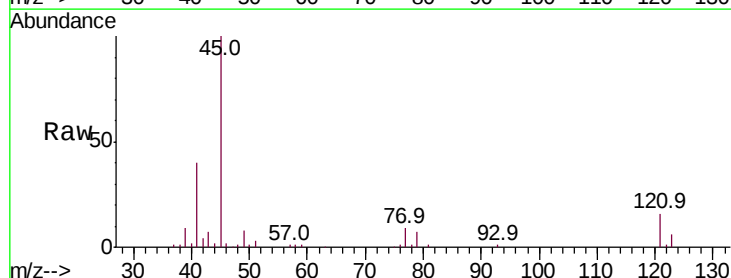
Tgt Ion: 45 Resp: 121311

Ion Ratio Lower Upper

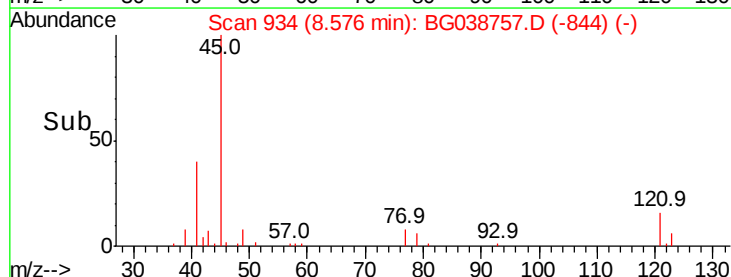
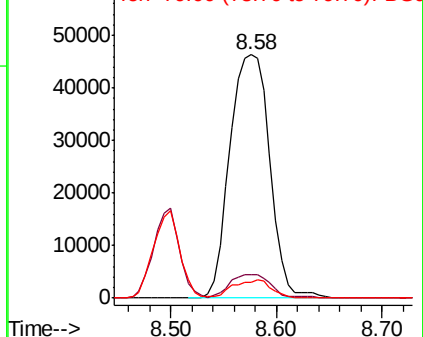
45 100

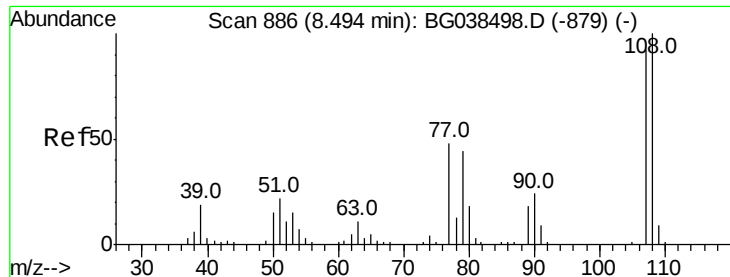
77 9.4 0.0 28.2

79 6.6 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

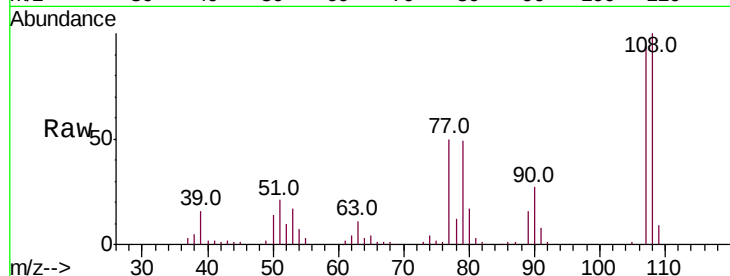




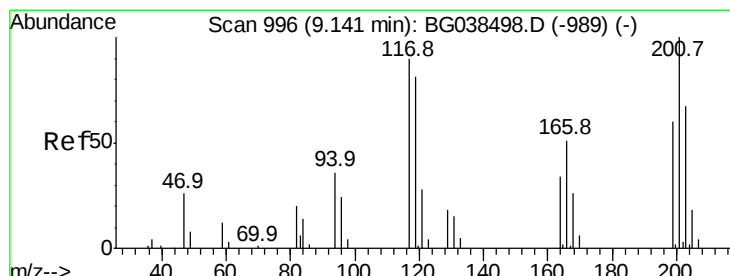
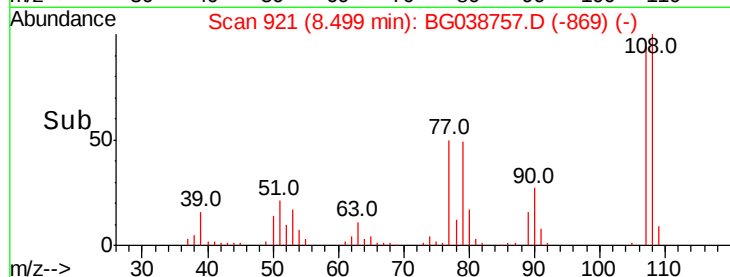
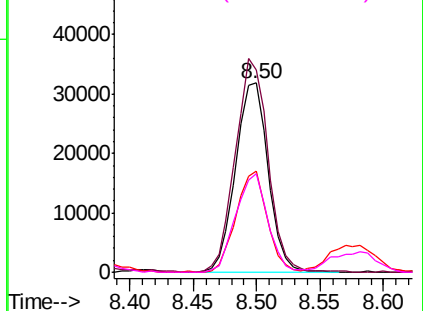
#17  
2-Methylphenol  
Concen: 39.404 ng  
RT: 8.50 min Scan# 921  
Delta R.T. 0.00 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

Instrument :  
BNA\_G  
ClientSampleId :  
PB115840BS

Tot Ion:107 Resp: 56855  
Ion Ratio Lower Upper  
107 100  
108 106.8 87.1 130.7  
77 53.5 42.0 63.0  
79 52.2 38.2 57.2

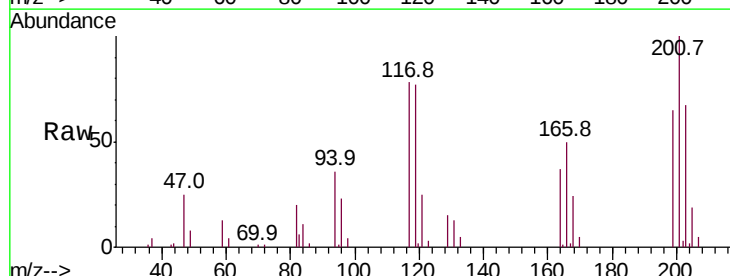


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

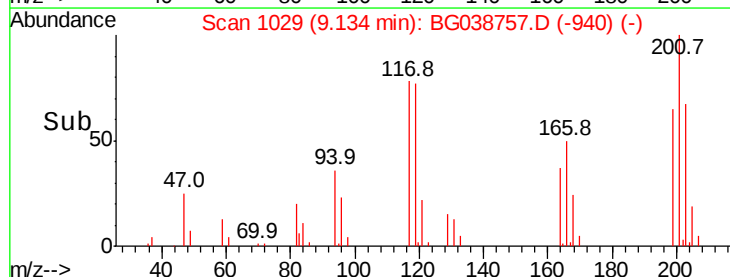
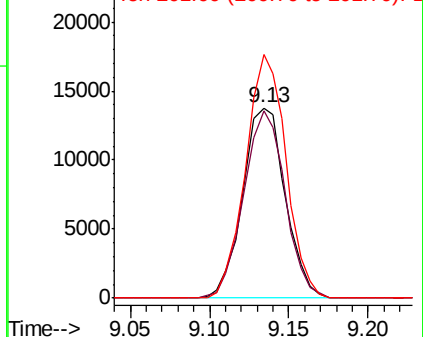


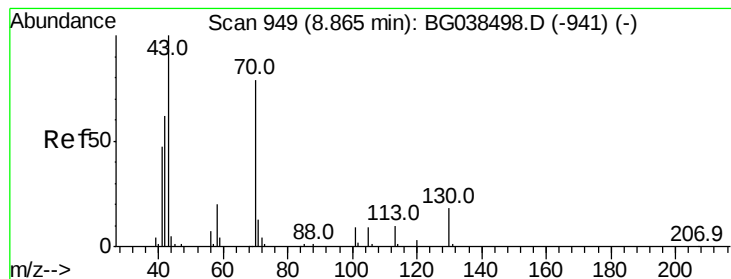
#18  
Hexachloroethane  
Concen: 34.036 ng  
RT: 9.13 min Scan# 1029  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

Tgt Ion:117 Resp: 25736  
Ion Ratio Lower Upper  
117 100  
119 98.3 73.8 110.8  
201 128.0 89.4 134.0



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 33.005 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Instrument :

BNA\_G

ClientSampleId :

PB115840BS

Tot Ion: 70 Resp: 46990

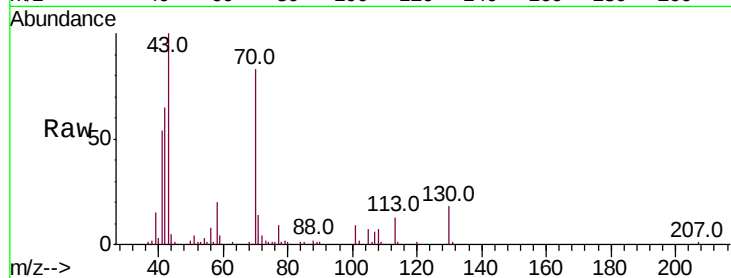
Ion Ratio Lower Upper

70 100

42 78.7 63.6 95.4

101 11.1 9.2 13.8

130 21.9 18.5 27.7

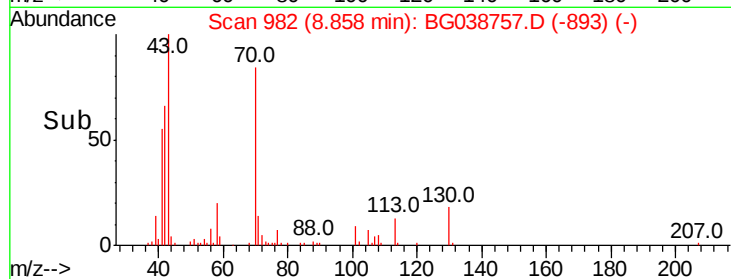
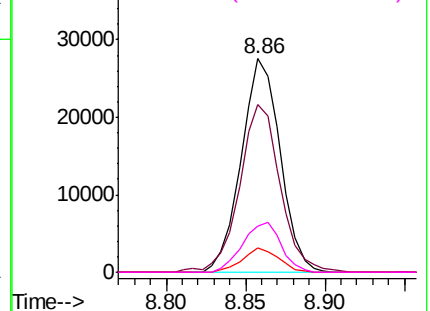


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 38.933 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Tgt Ion: 107 Resp: 77582

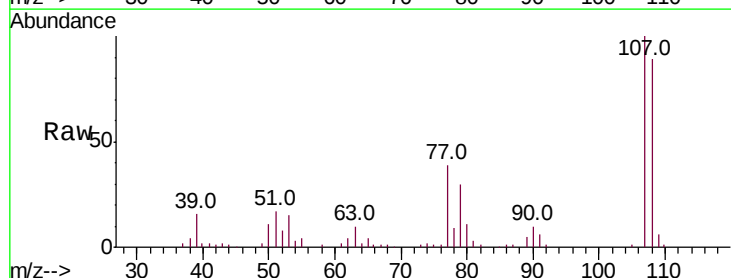
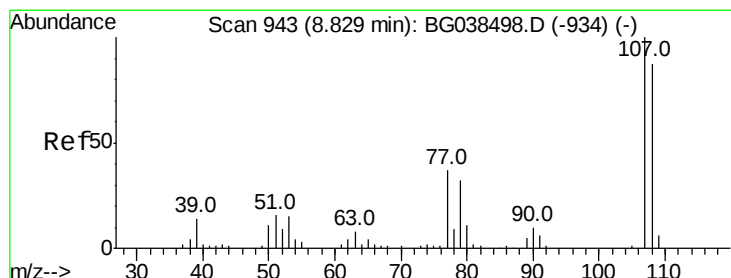
Ion Ratio Lower Upper

107 100

108 89.4 66.7 106.7

77 38.7 17.3 57.3

79 30.3 12.3 52.3

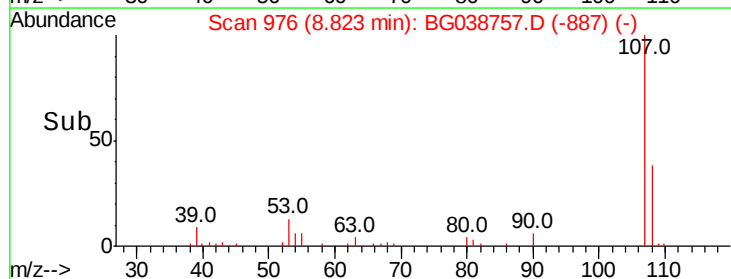
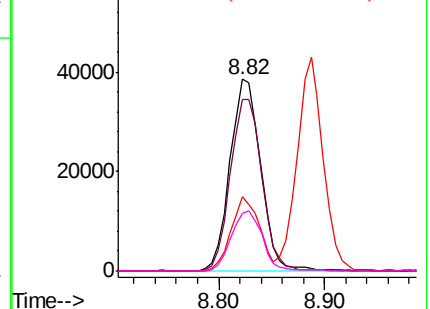


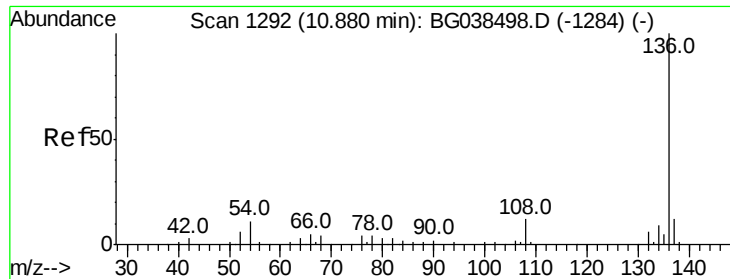
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

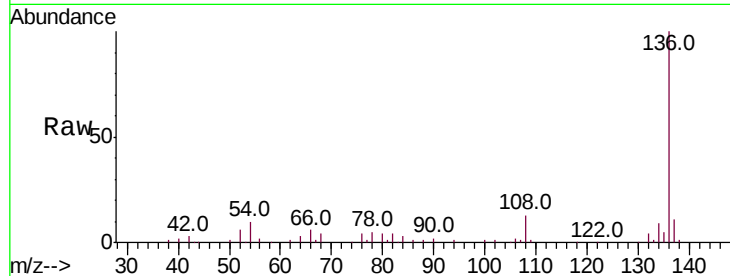




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.87 min Scan# 1325  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

Instrument :  
BNA\_G  
ClientSampleId :  
PB115840BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 136   | Resp: | 103007 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.9  | 9.3   | 13.9   |
| 54       | 10.2  | 8.5   | 12.7   |
| 68       | 4.4   | 3.5   | 5.3    |



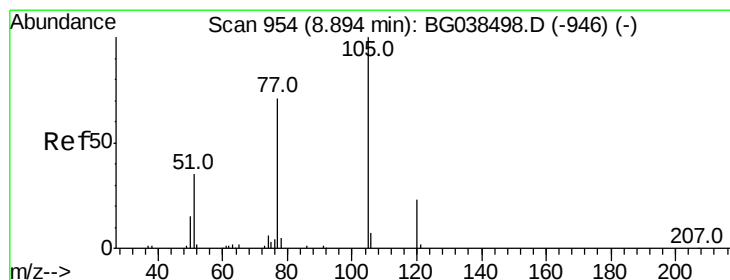
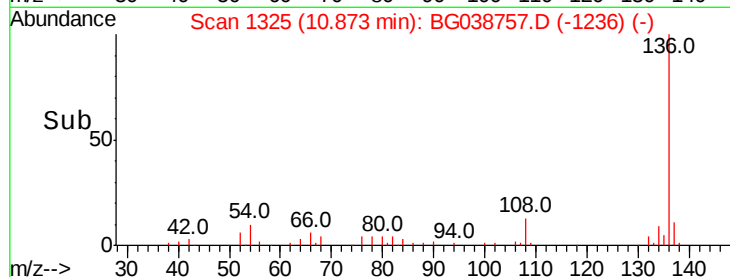
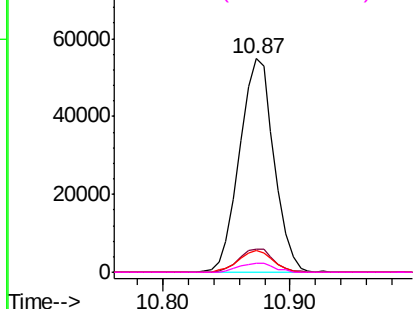
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

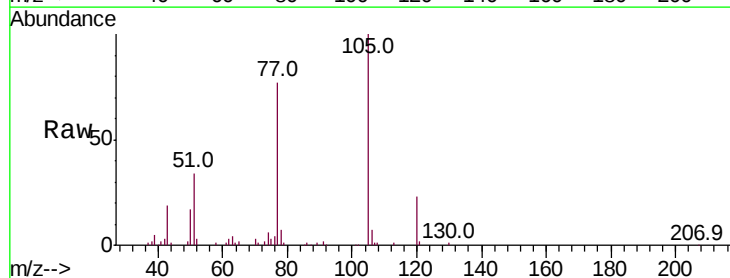
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22  
Acetophenone  
Concen: 37.116 ng  
RT: 8.89 min Scan# 987  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 95495 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 71       | 0.6   | 0.4   | 0.6#  |
| 51       | 34.2  | 30.6  | 46.0  |
| 120      | 23.2  | 18.6  | 28.0  |



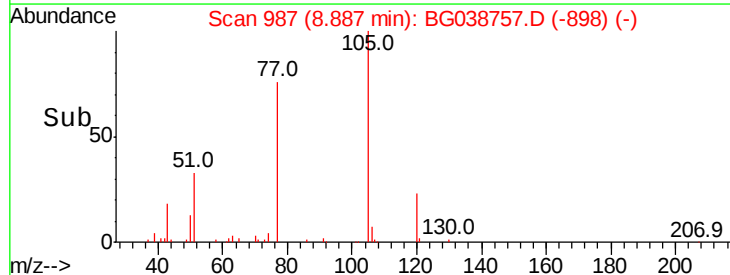
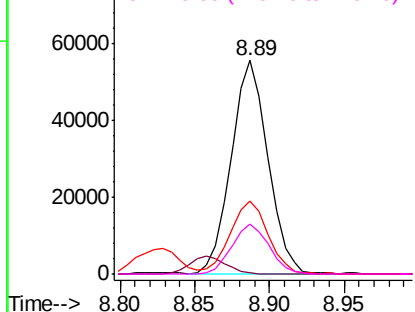
Abundance

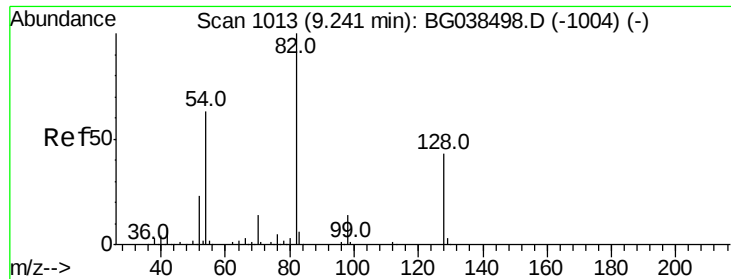
Ion 105.00 (104.70 to 105.70): E

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

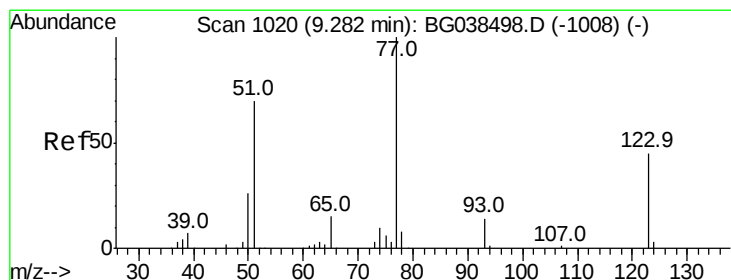
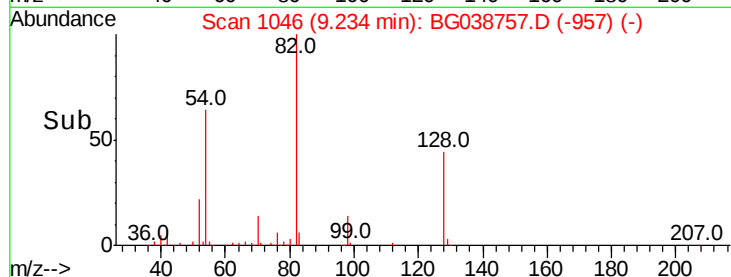
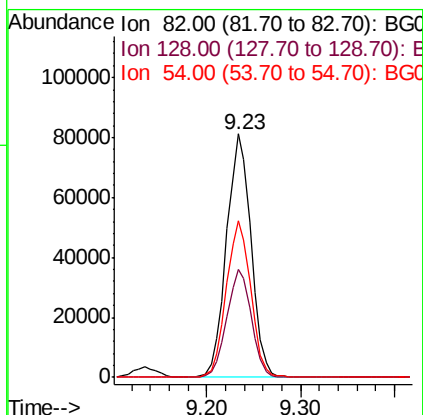
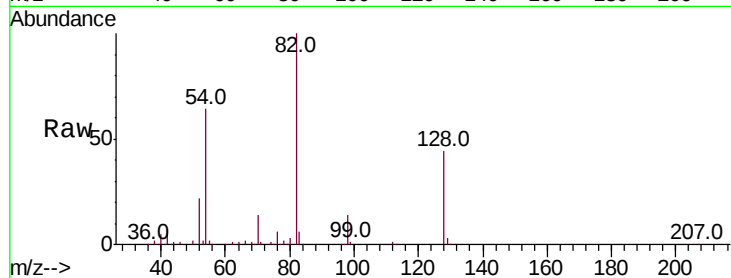




#23  
Nitrobenzene-d5  
Concen: 72.801 ng  
RT: 9.23 min Scan# 1046  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

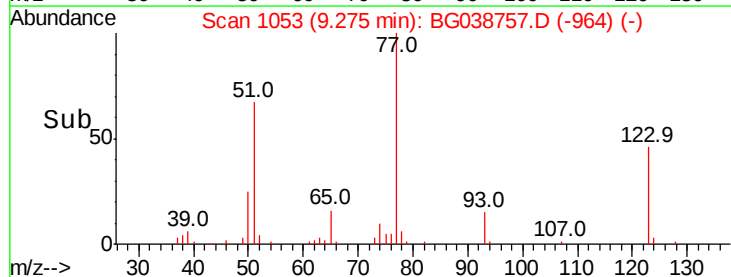
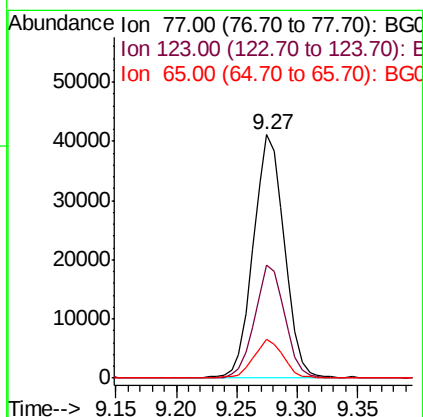
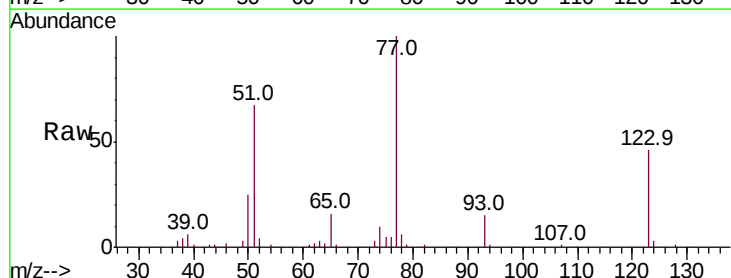
Instrument :  
BNA\_G  
ClientSampleId :  
PB115840BS

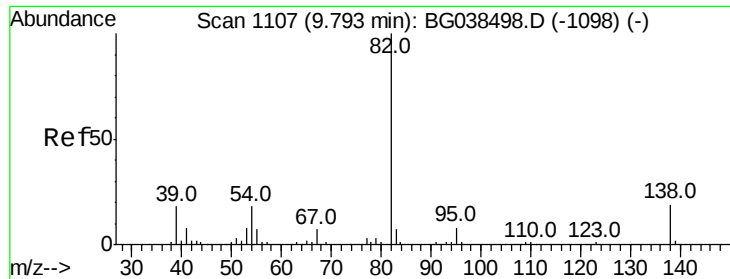
Tot Ion: 82 Resp: 146789  
Ion Ratio Lower Upper  
82 100  
128 44.2 34.6 52.0  
54 64.5 50.6 76.0



#24  
Nitrobenzene  
Concen: 36.314 ng  
RT: 9.27 min Scan# 1053  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

Tgt Ion: 77 Resp: 74071  
Ion Ratio Lower Upper  
77 100  
123 46.4 35.9 53.9  
65 16.0 12.0 18.0





#25

Isophorone

Concen: 36.675 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Instrument :

BNA\_G

ClientSampleId :

PB115840BS

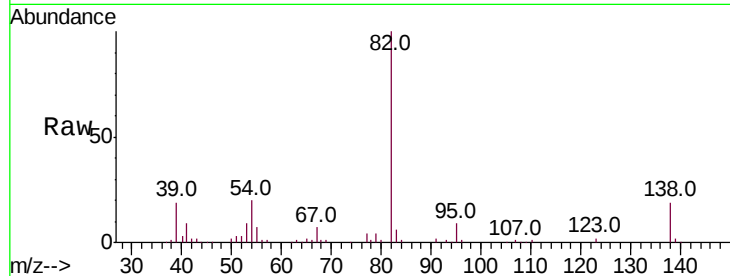
Tot Ion: 82 Resp: 132862

Ion Ratio Lower Upper

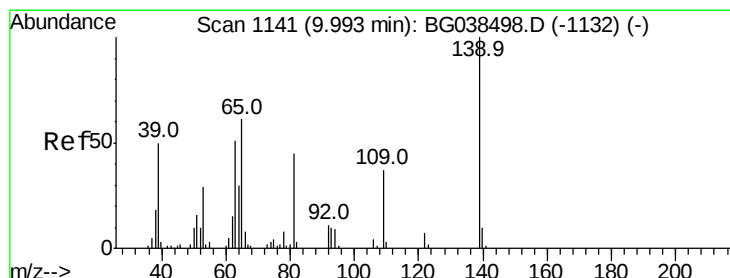
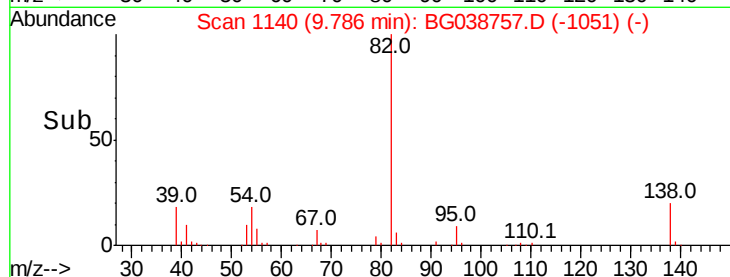
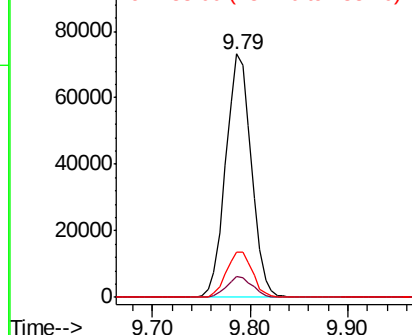
82 100

95 8.8 6.1 9.1

138 18.6 14.9 22.3



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



#26

2-Nitrophenol

Concen: 37.013 ng

RT: 9.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

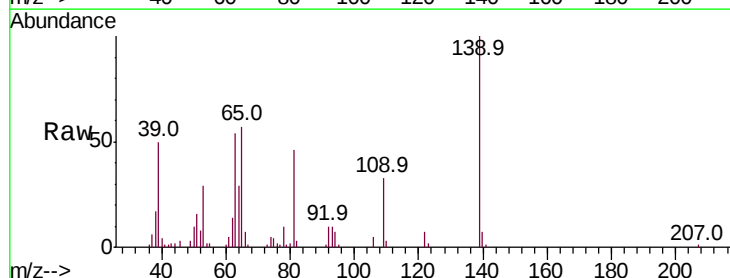
Tgt Ion:139 Resp: 38641

Ion Ratio Lower Upper

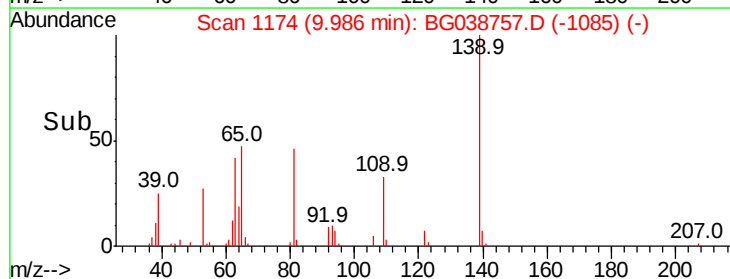
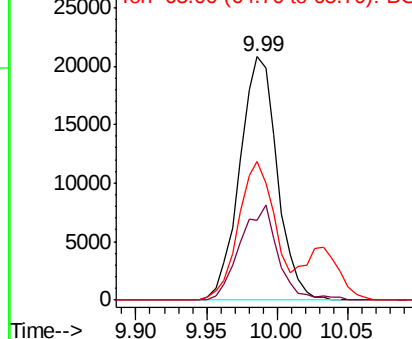
139 100

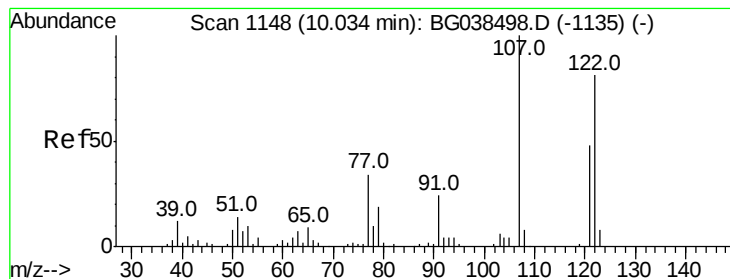
109 32.8 29.5 44.3

65 56.8 48.5 72.7



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





#27

2,4-Dimethylphenol

Concen: 43.881 ng

RT: 10.03 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Instrument :

BNA\_G

ClientSampleId :

PB115840BS

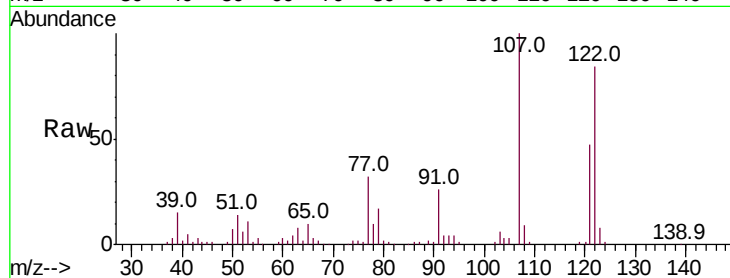
Tot Ion:122 Resp: 65655

Ion Ratio Lower Upper

122 100

107 119.2 98.4 147.6

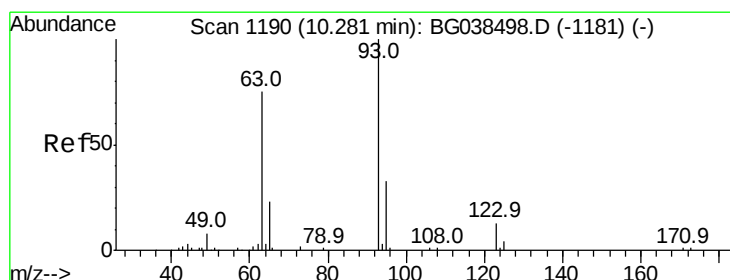
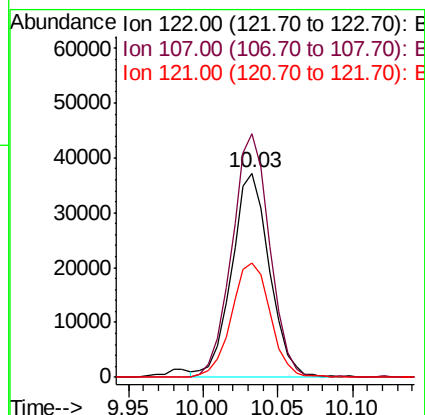
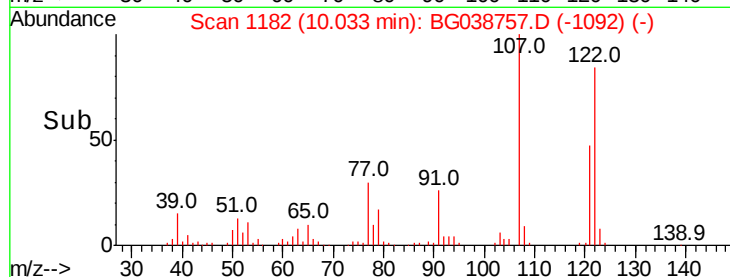
121 56.1 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.366 ng

RT: 10.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

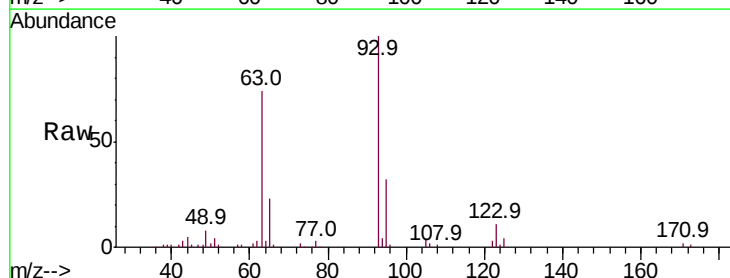
Tgt Ion: 93 Resp: 76391

Ion Ratio Lower Upper

93 100

95 32.5 26.6 40.0

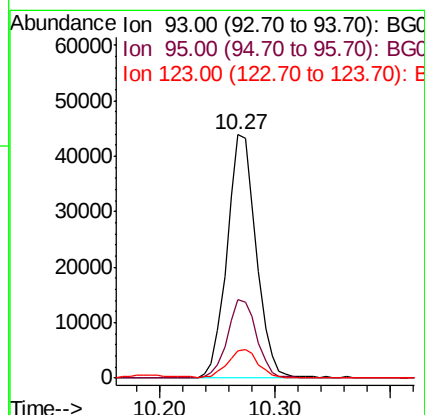
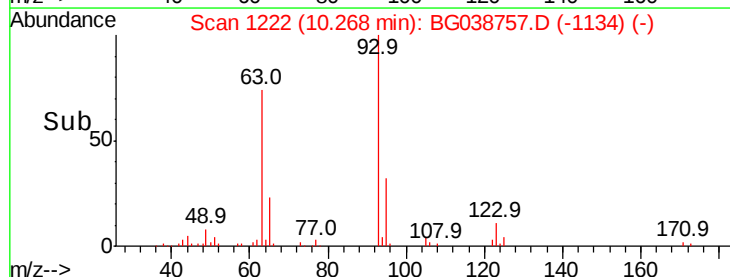
123 11.2 10.6 16.0

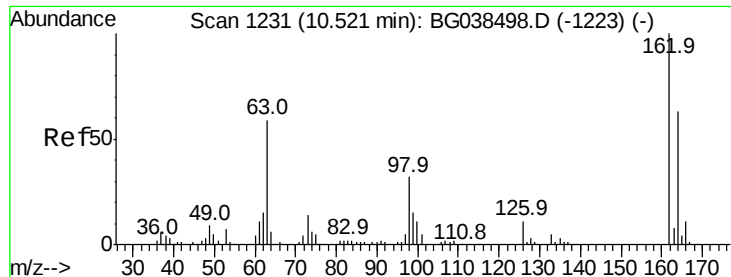


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

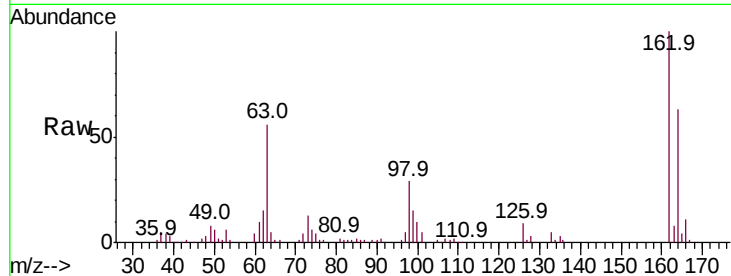




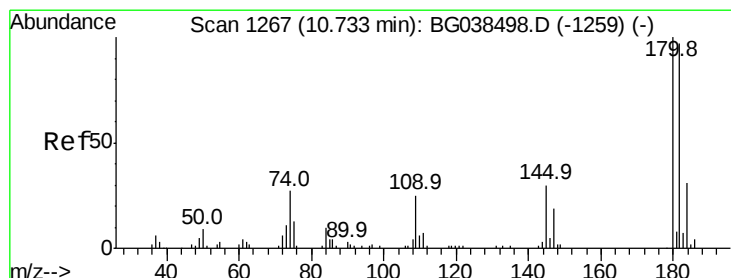
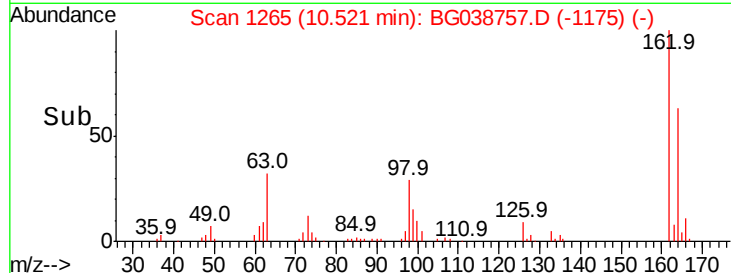
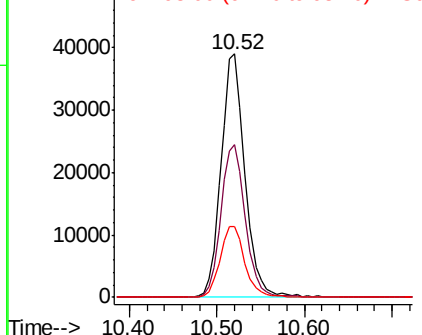
#29  
 2,4-Dichlorophenol  
 Concen: 44.145 ng  
 RT: 10.52 min Scan# 1265  
 Delta R.T. -0.00 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB115840BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 62.8  | 42.9  | 82.9  |
| 98      | 29.2  | 12.1  | 52.1  |

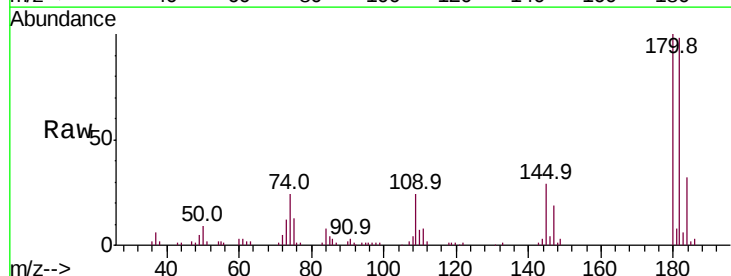


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): B

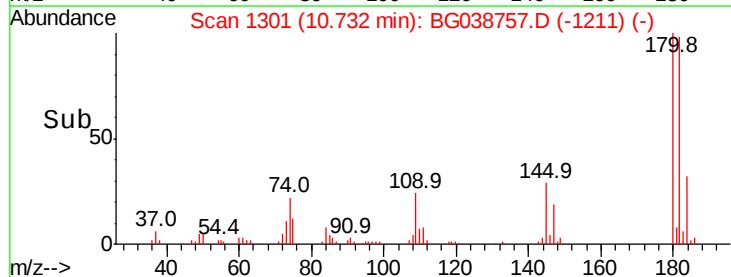
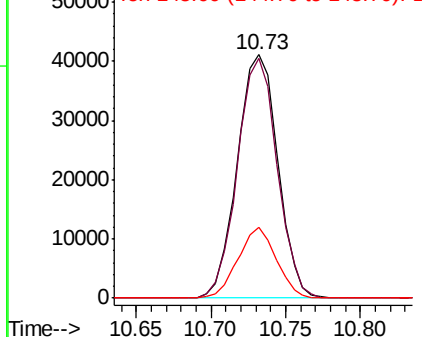


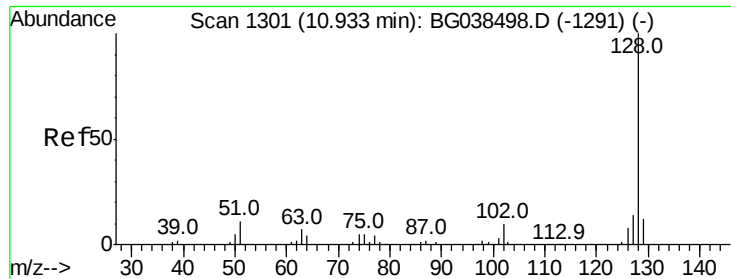
#30  
 1,2,4-Trichlorobenzene  
 Concen: 38.482 ng  
 RT: 10.73 min Scan# 1301  
 Delta R.T. -0.00 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 98.3  | 77.4  | 116.0 |
| 145     | 29.0  | 24.1  | 36.1  |



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

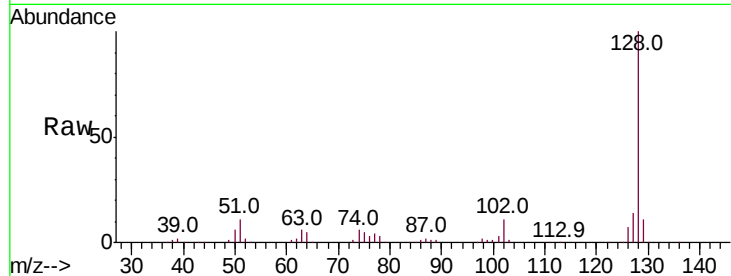




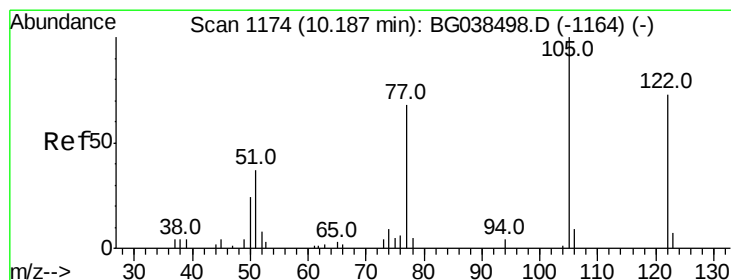
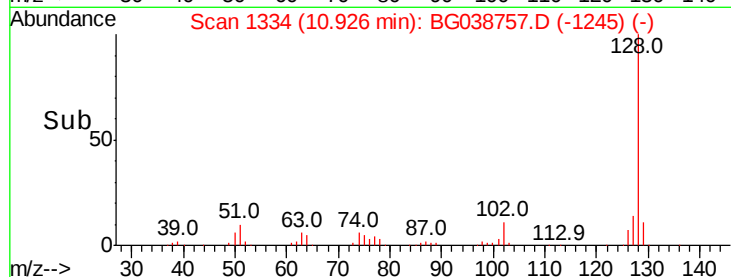
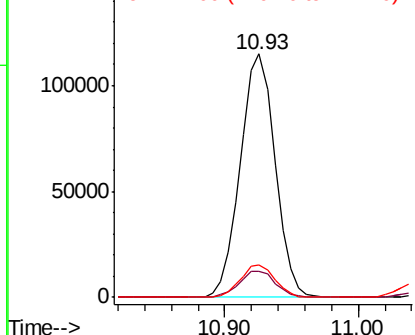
#31  
Naphthalene  
Concen: 40.848 ng  
RT: 10.93 min Scan# 1334  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

Instrument :  
BNA\_G  
ClientSampleId :  
PB115840BS

Tot Ion:128 Resp: 207313  
Ion Ratio Lower Upper  
128 100  
129 10.6 9.5 14.3  
127 13.6 10.9 16.3

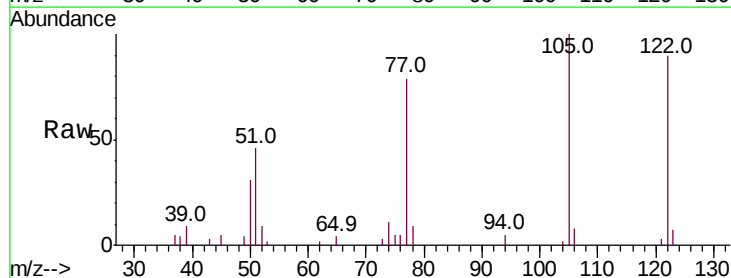


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

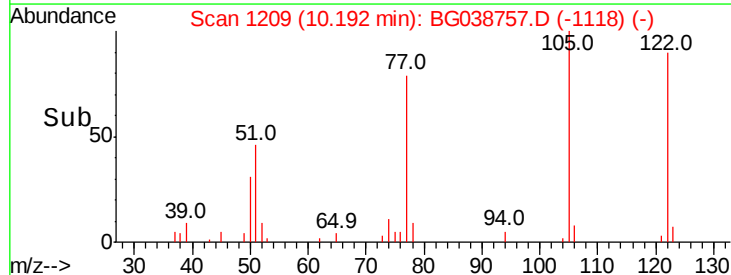
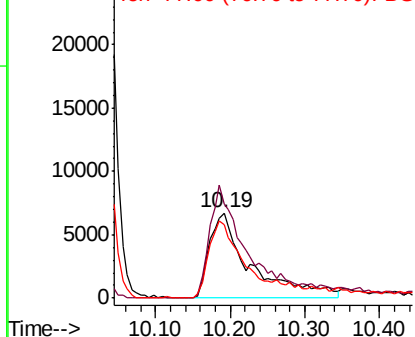


#32  
Benzoic acid  
Concen: 31.592 ng  
RT: 10.19 min Scan# 1209  
Delta R.T. 0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

Tgt Ion:122 Resp: 25835  
Ion Ratio Lower Upper  
122 100  
105 110.5 116.7 156.7#  
77 86.8 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

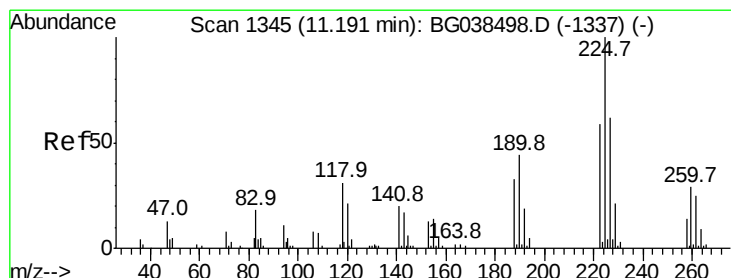
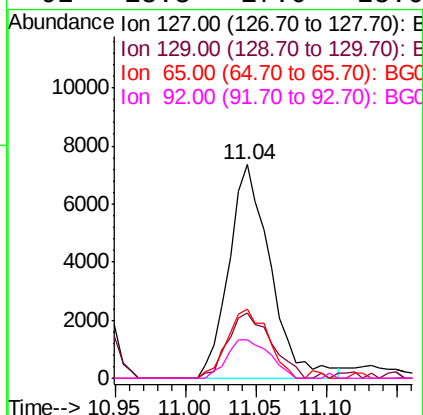
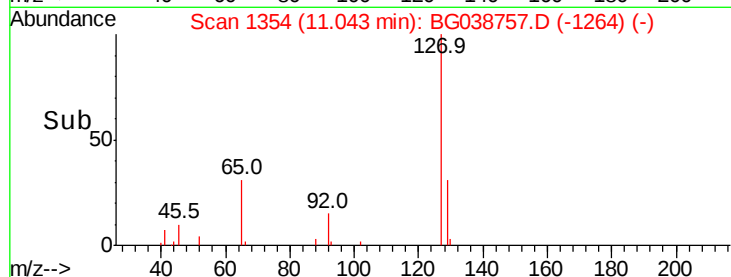
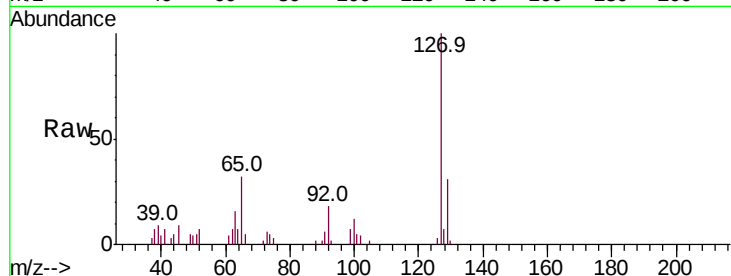




#33  
4-Chloroaniline  
Concen: 6.872 ng  
RT: 11.04 min Scan# 1354  
Delta R.T. -0.00 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

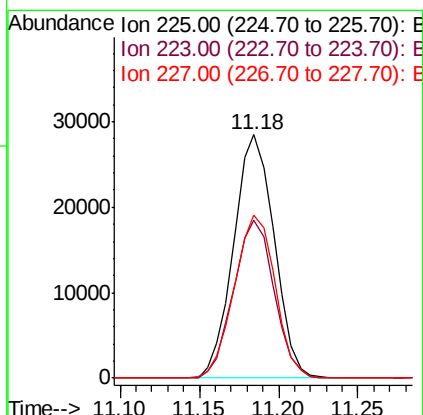
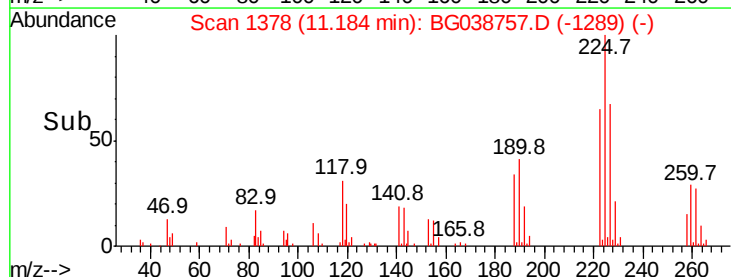
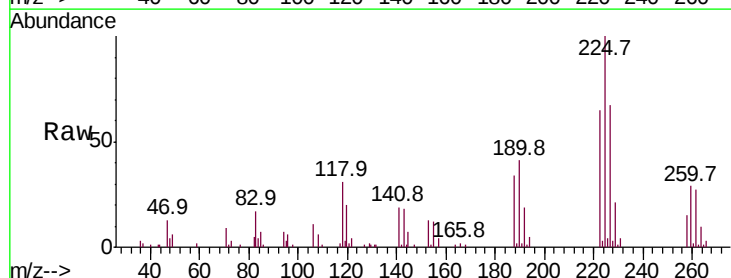
Instrument :  
BNA\_G  
ClientSampleId :  
PB115840BS

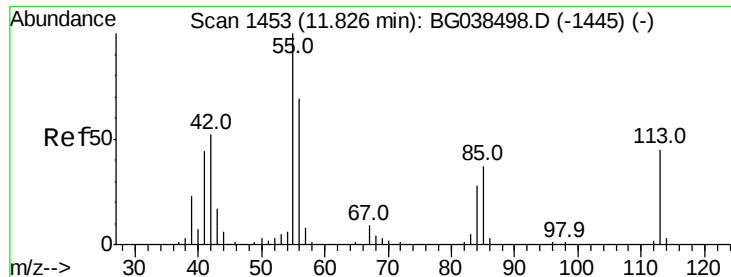
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 15141 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 30.8  | 25.8  | 38.8  |
| 65       | 32.4  | 27.8  | 41.6  |
| 92       | 18.3  | 17.0  | 25.6  |



#34  
Hexachlorobutadiene  
Concen: 37.242 ng  
RT: 11.18 min Scan# 1378  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 50666 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 62.1  | 45.0  | 67.6  |
| 227      | 64.5  | 50.6  | 75.8  |





#35

Caprolactam

Concen: 33.826 ng

RT: 11.82 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Instrument :

BNA\_G

ClientSampleId :

PB115840BS

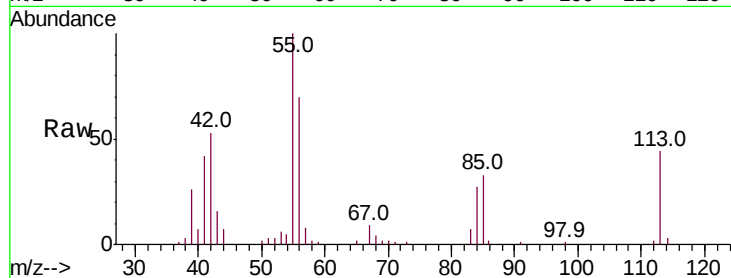
Tot Ion:113 Resp: 23301

Ion Ratio Lower Upper

113 100

55 226.3 204.3 244.3

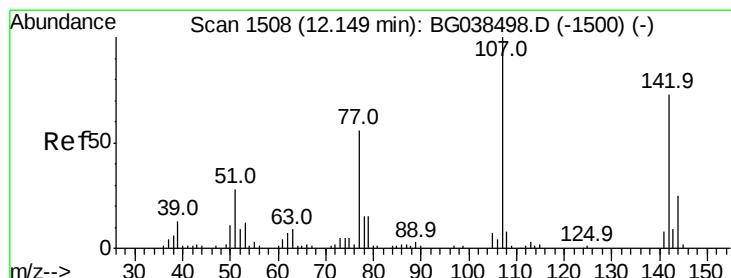
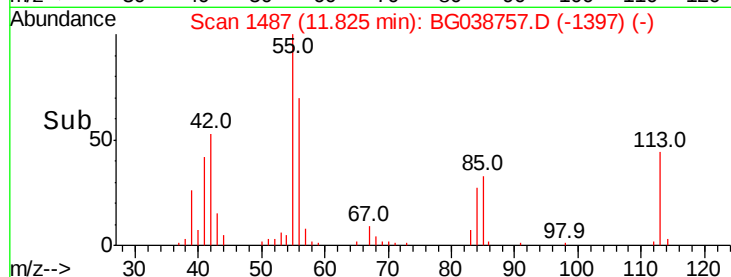
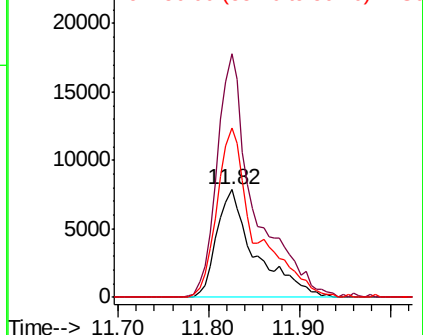
56 157.5 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 39.605 ng

RT: 12.15 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

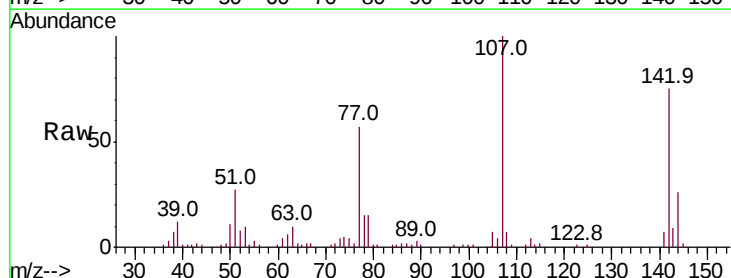
Tgt Ion:107 Resp: 75228

Ion Ratio Lower Upper

107 100

144 26.4 20.1 30.1

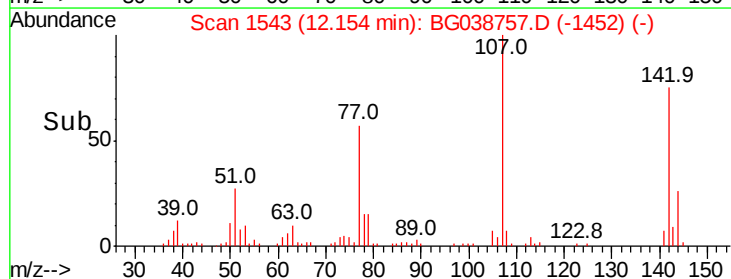
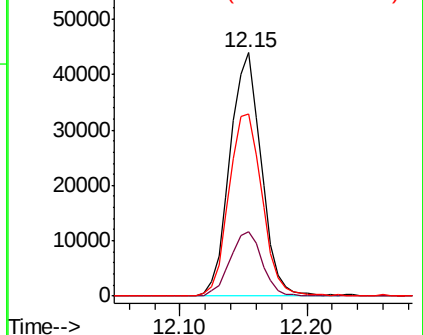
142 74.6 58.7 88.1

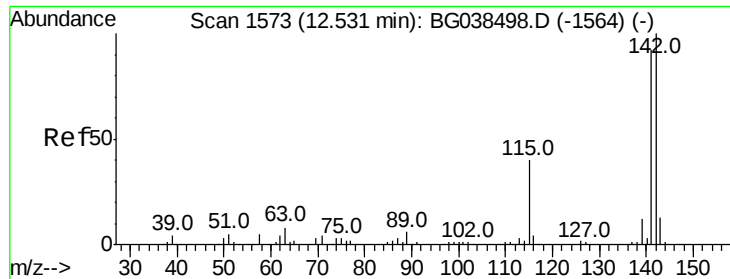


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

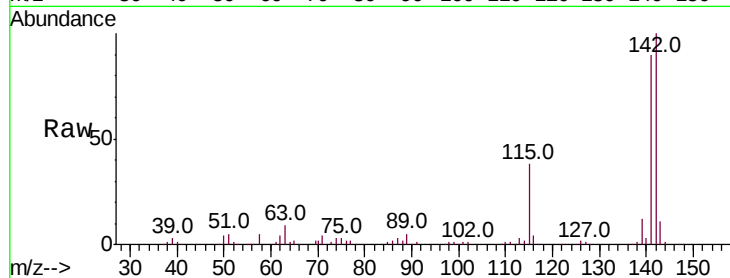




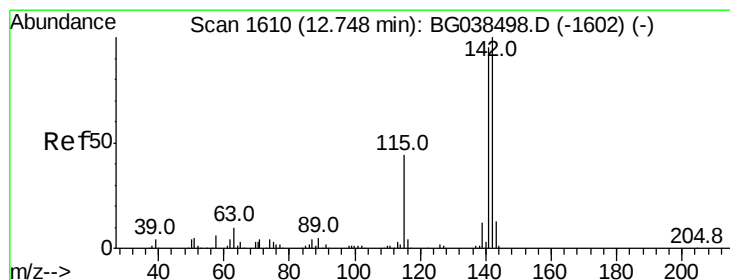
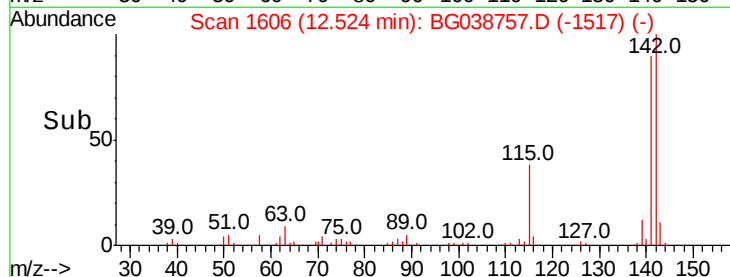
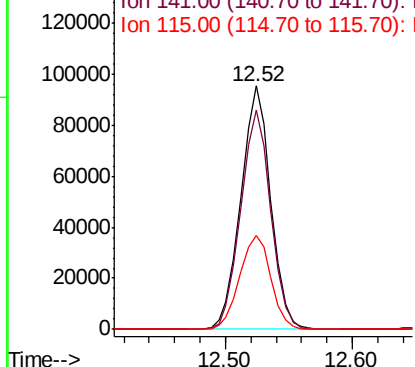
#37  
2-Methylnaphthalene  
Concen: 42.869 ng  
RT: 12.52 min Scan# 1606  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

Instrument :  
BNA\_G  
ClientSampleId :  
PB115840BS

Tot Ion:142 Resp: 155219  
Ion Ratio Lower Upper  
142 100  
141 90.0 73.5 110.3  
115 38.5 31.7 47.5

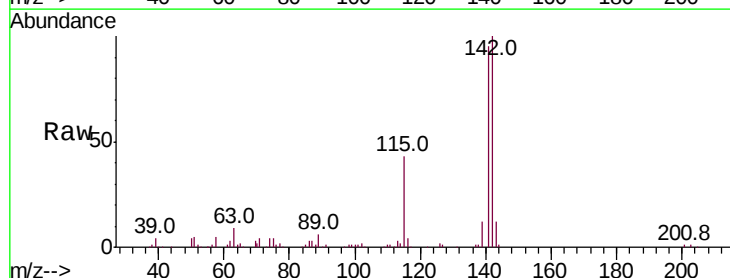


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

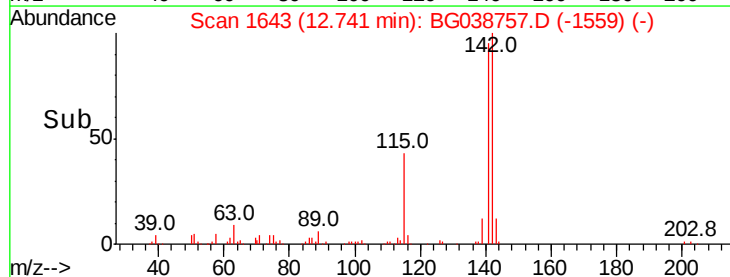
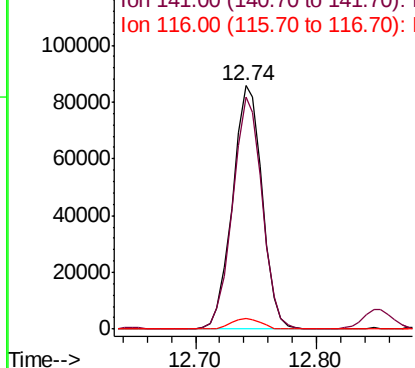


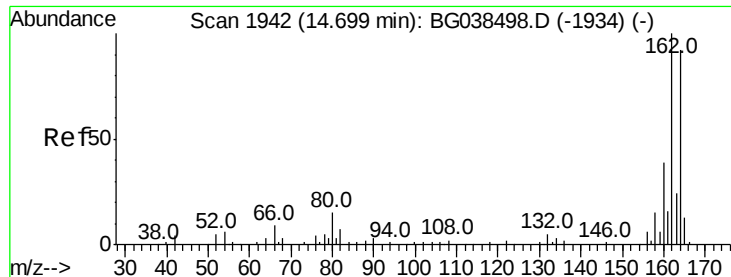
#38  
1-Methylnaphthalene  
Concen: 41.634 ng  
RT: 12.74 min Scan# 1643  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

Tgt Ion:142 Resp: 146282  
Ion Ratio Lower Upper  
142 100  
141 95.3 75.8 113.8  
116 4.3 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: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Instrument :

BNA\_G

ClientSampleId :

PB115840BS

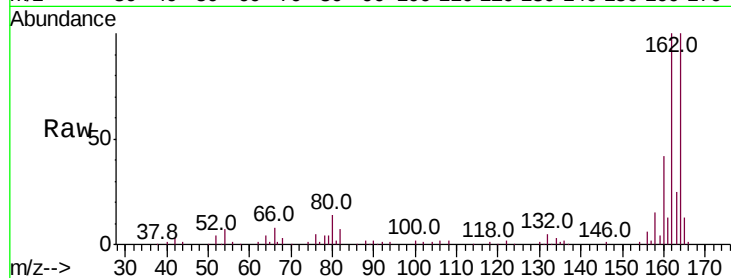
Tot Ion:164 Resp: 69291

Ion Ratio Lower Upper

164 100

162 99.9 86.6 130.0

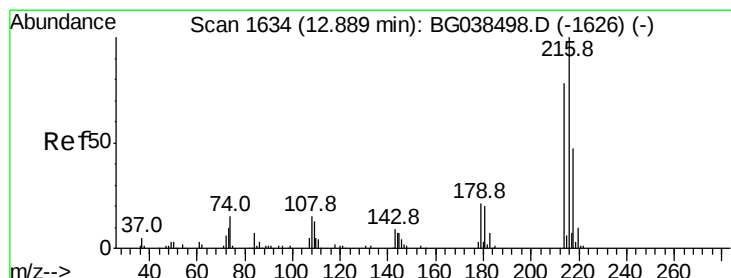
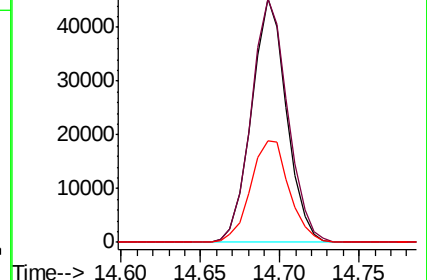
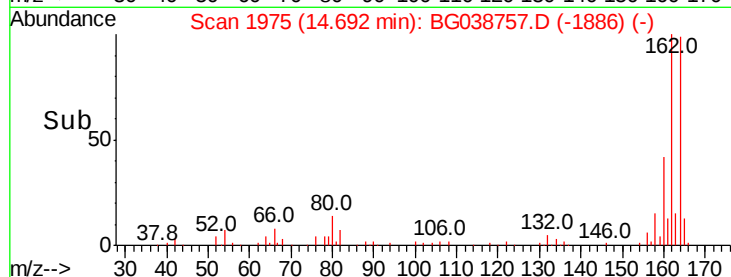
160 41.6 34.2 51.2



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: 36.518 ng

RT: 12.88 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Tgt Ion:216 Resp: 94583

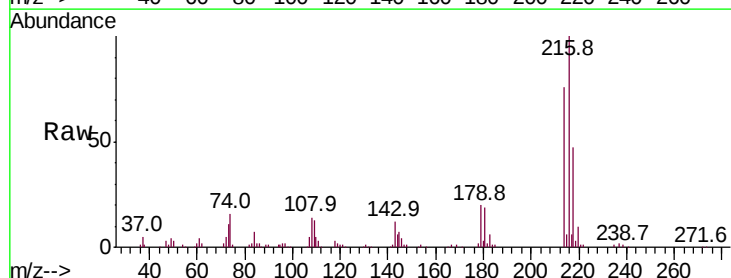
Ion Ratio Lower Upper

216 100

214 79.6 64.1 96.1

179 19.6 16.4 24.6

108 17.7 13.9 20.9

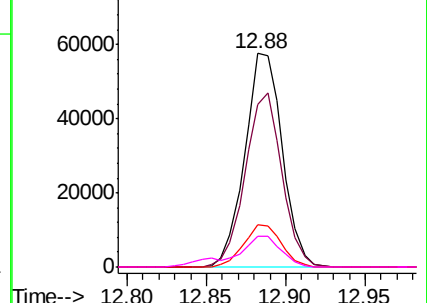
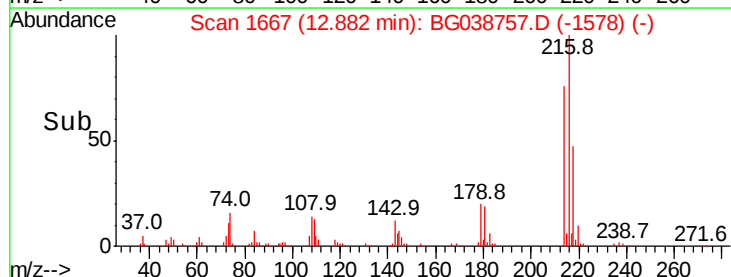


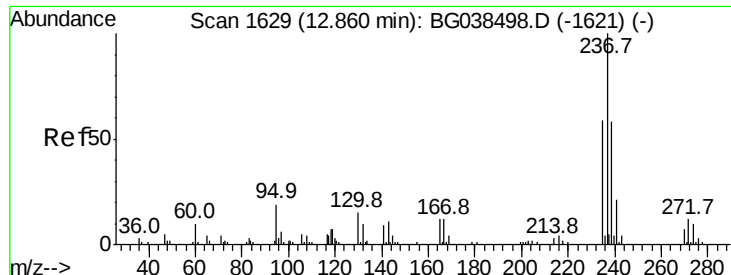
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 79.590 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Instrument :

BNA\_G

ClientSampleId :

PB115840BS

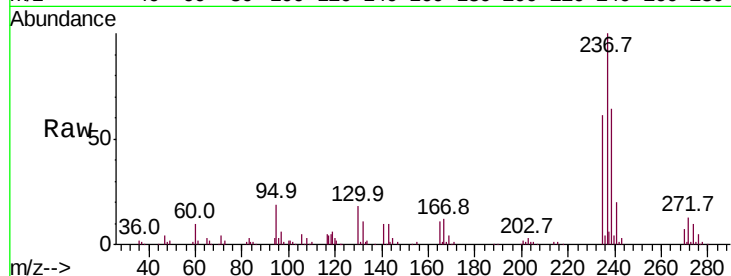
Tot Ion:237 Resp: 113254

Ion Ratio Lower Upper

237 100

235 61.4 38.8 78.8

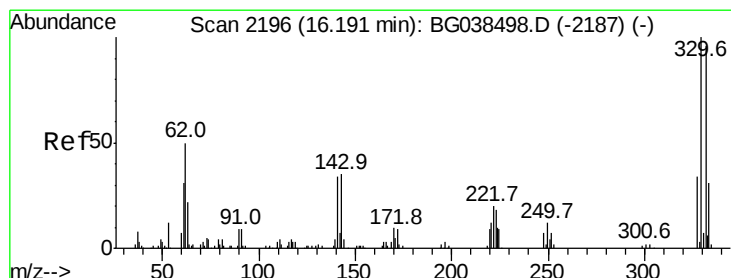
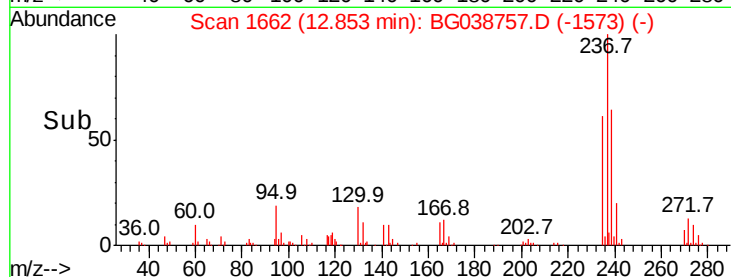
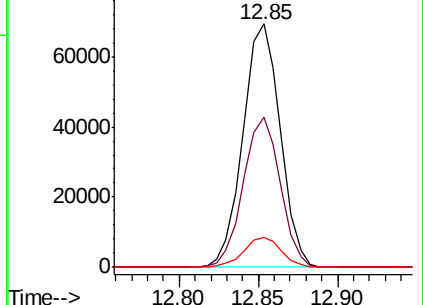
272 12.5 0.0 32.0



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: 130.035 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

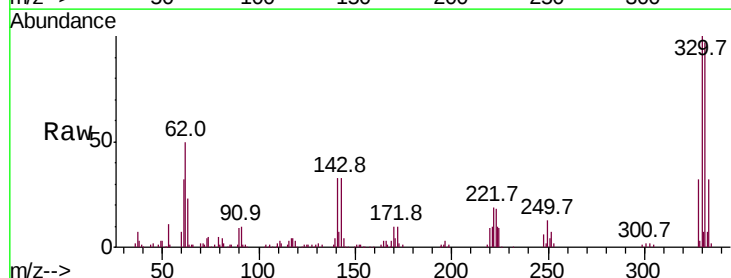
Tgt Ion:330 Resp: 124178

Ion Ratio Lower Upper

330 100

332 95.3 76.9 115.3

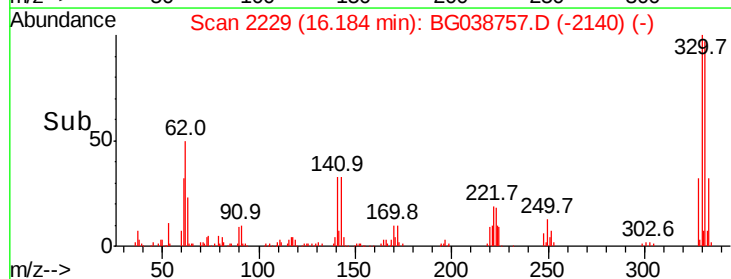
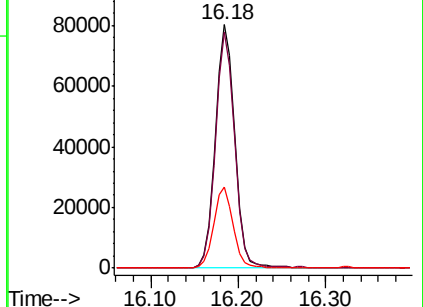
141 33.0 28.8 43.2

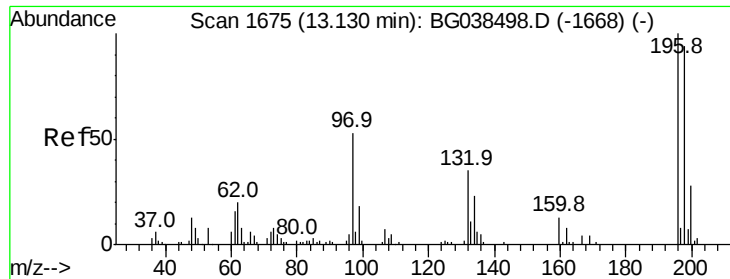


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

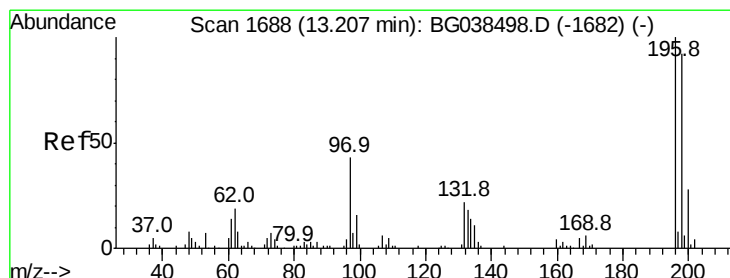
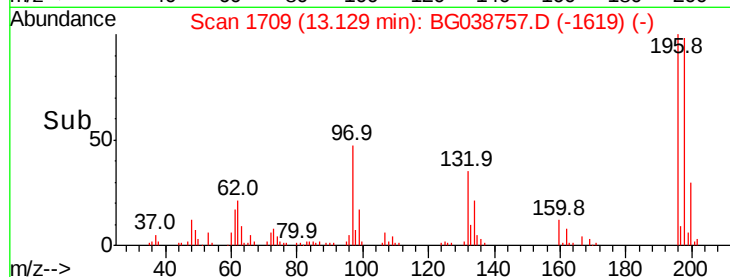
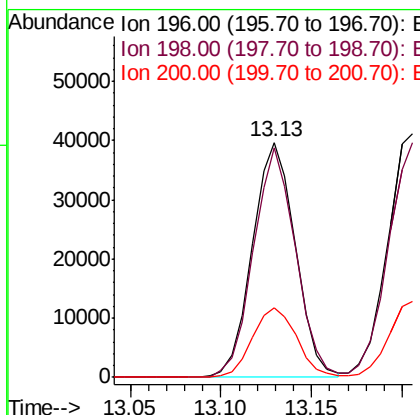
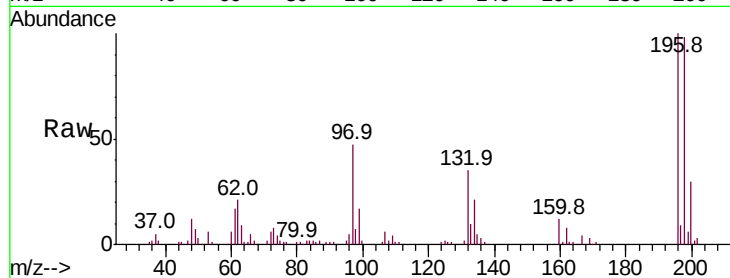




#43  
 2,4,6-Trichlorophenol  
 Concen: 40.819 ng  
 RT: 13.13 min Scan# 1709  
 Delta R.T. -0.00 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

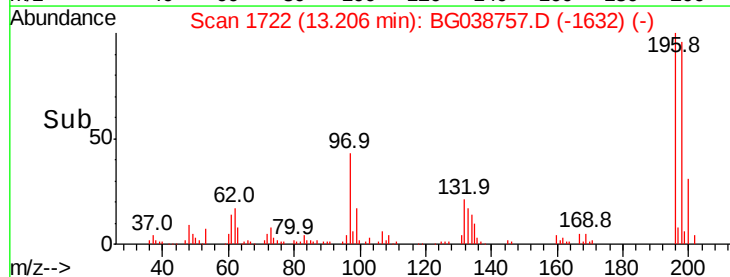
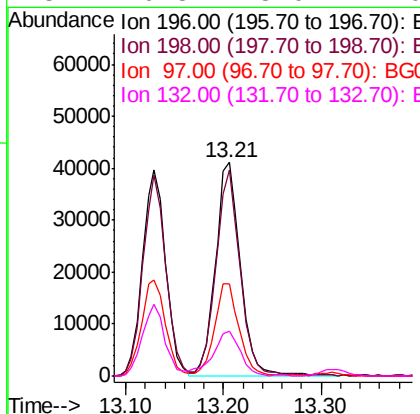
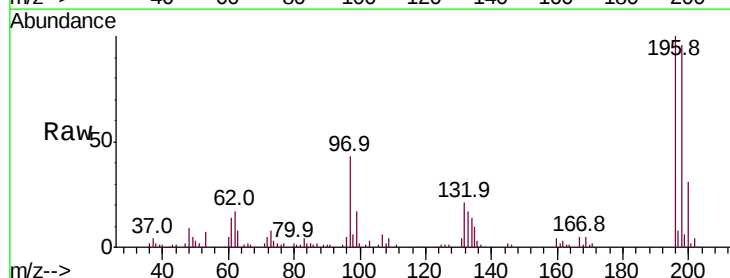
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB115840BS

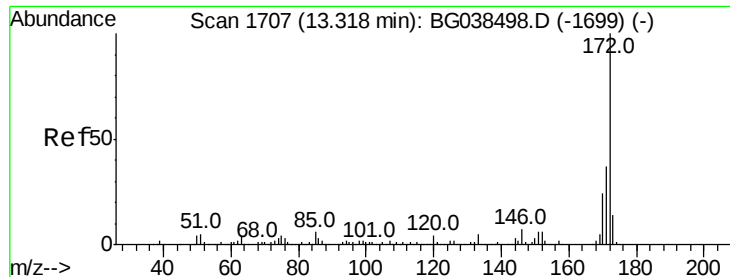
Tot Ion:196 Resp: 65006  
 Ion Ratio Lower Upper  
 196 100  
 198 97.5 75.0 112.4  
 200 29.8 22.4 33.6



#44  
 2,4,5-Trichlorophenol  
 Concen: 43.205 ng  
 RT: 13.21 min Scan# 1722  
 Delta R.T. -0.00 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

Tgt Ion:196 Resp: 72849  
 Ion Ratio Lower Upper  
 196 100  
 198 96.2 74.0 111.0  
 97 43.4 35.1 52.7  
 132 20.8 18.0 27.0

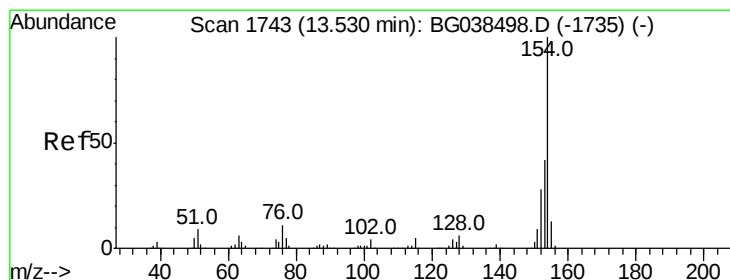
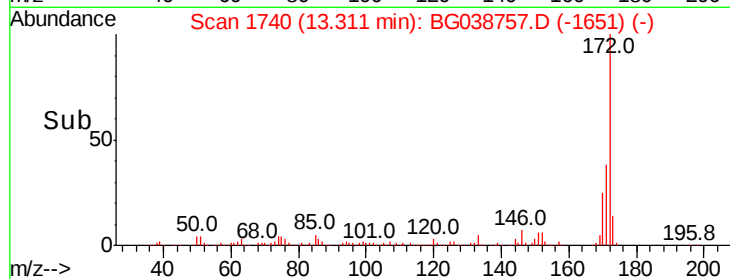
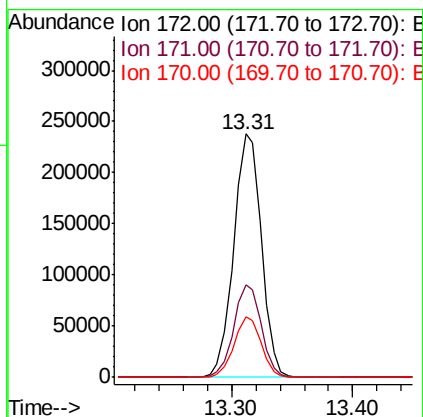
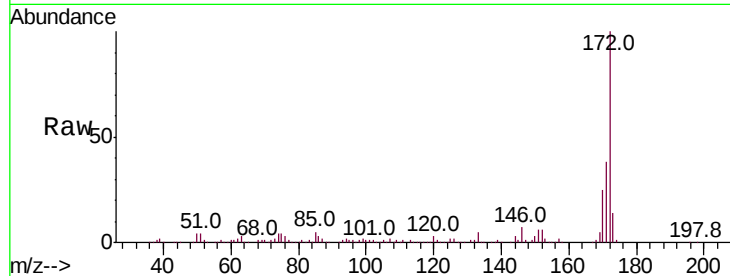




#45  
2-Fluorobiphenyl  
Concen: 75.158 ng  
RT: 13.31 min Scan# 1740  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

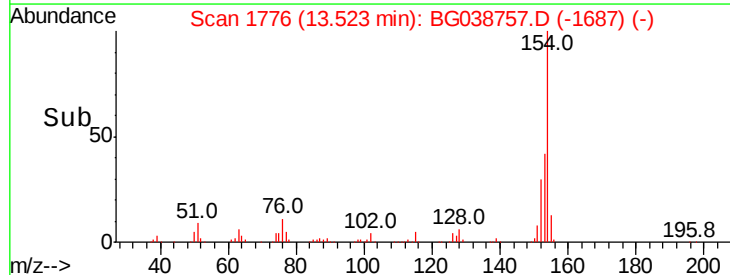
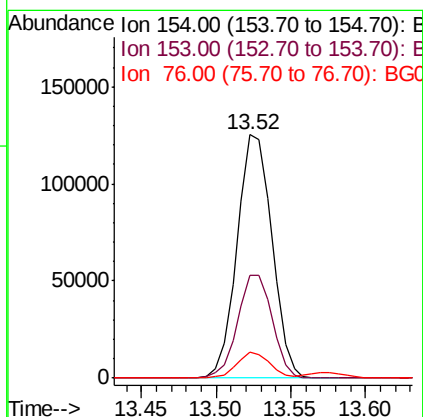
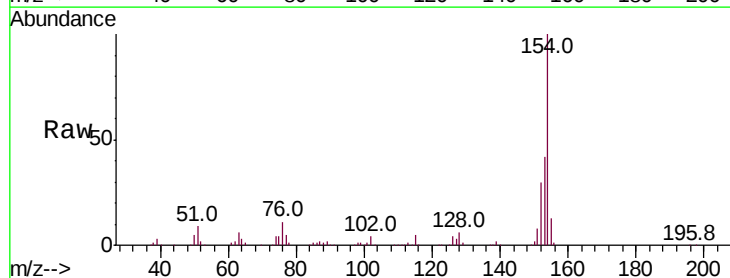
Instrument :  
BNA\_G  
ClientSampleId :  
PB115840BS

Tot Ion:172 Resp: 379615  
Ion Ratio Lower Upper  
172 100  
171 37.9 29.8 44.6  
170 24.8 19.5 29.3



#46  
1,1'-Biphenyl  
Concen: 35.057 ng  
RT: 13.52 min Scan# 1776  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

Tgt Ion:154 Resp: 203637  
Ion Ratio Lower Upper  
154 100  
153 42.4 22.1 62.1  
76 10.7 0.0 31.2

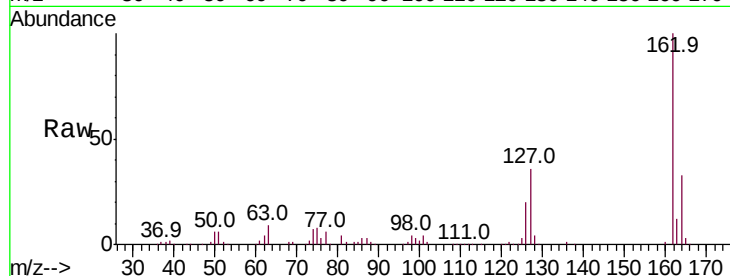




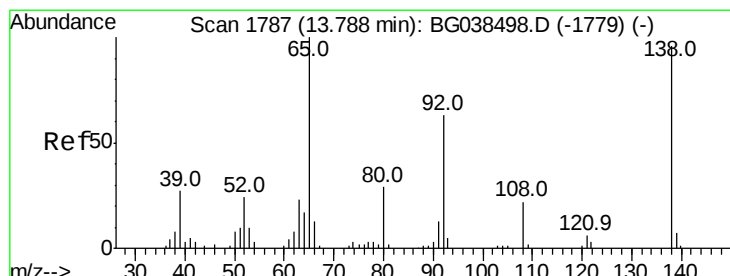
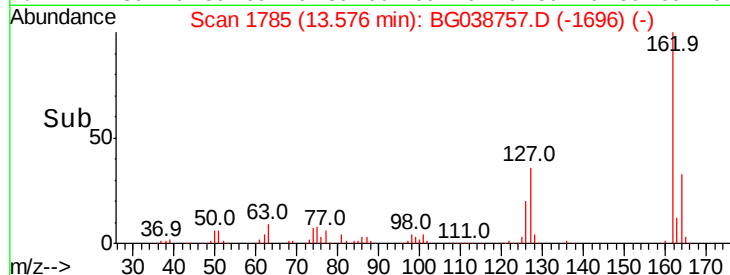
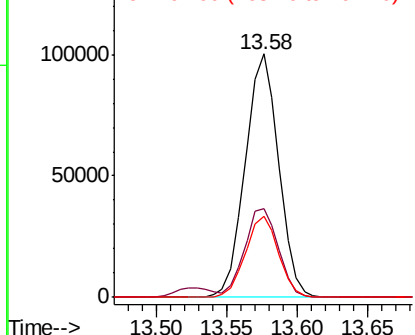
#47  
2-Chloronaphthalene  
Concen: 36.971 ng  
RT: 13.58 min Scan# 1785  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

Instrument :  
BNA\_G  
ClientSampleId :  
PB115840BS

Tot Ion:162 Resp: 165891  
Ion Ratio Lower Upper  
162 100  
127 36.2 27.8 41.8  
164 33.4 26.9 40.3

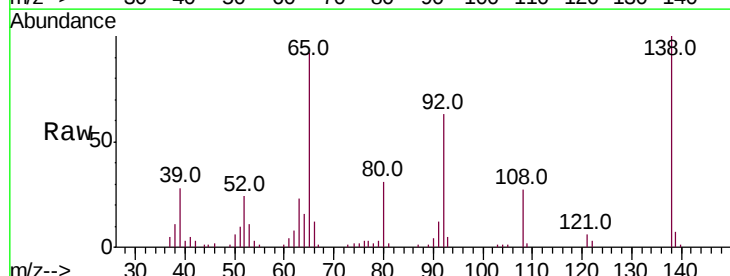


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

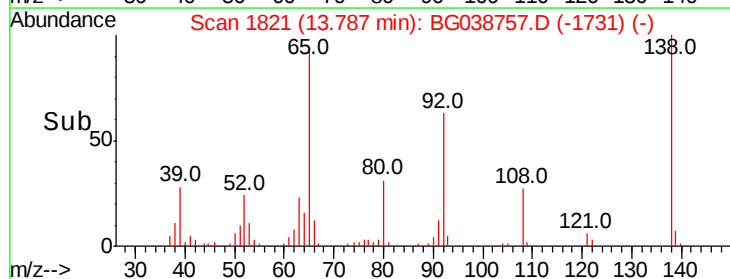
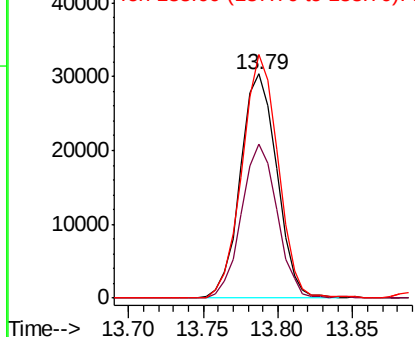


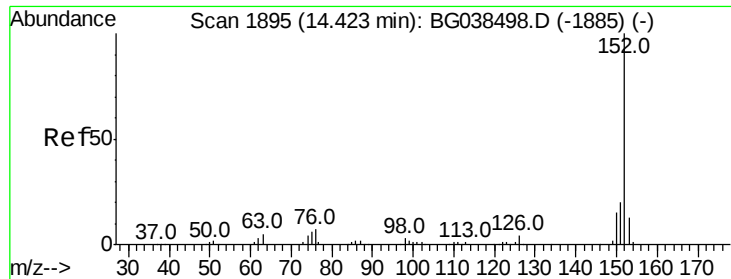
#48  
2-Nitroaniline  
Concen: 35.960 ng  
RT: 13.79 min Scan# 1821  
Delta R.T. -0.00 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

Tgt Ion: 65 Resp: 51395  
Ion Ratio Lower Upper  
65 100  
92 68.9 50.0 75.0  
138 108.7 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: 40.419 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Instrument :

BNA\_G

ClientSampleId :

PB115840BS

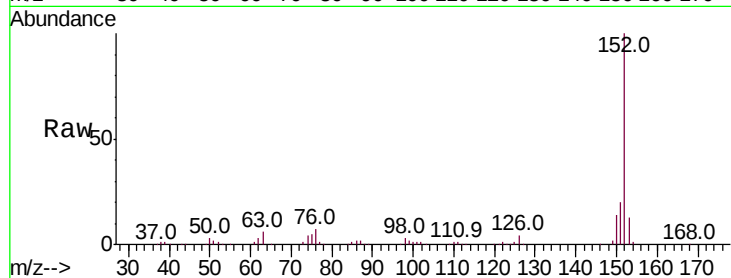
Tot Ion:152 Resp: 271127

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

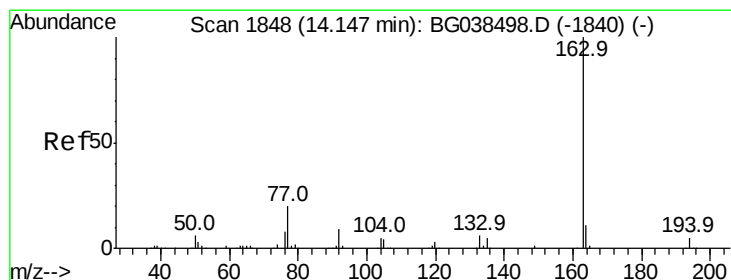
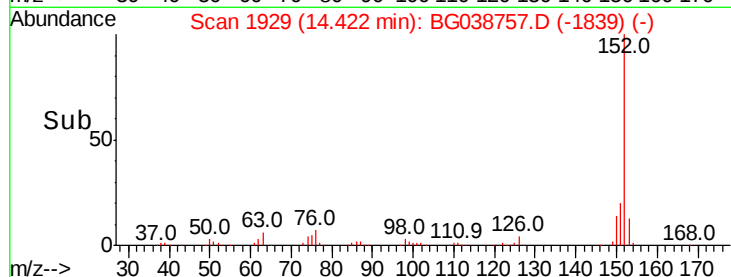
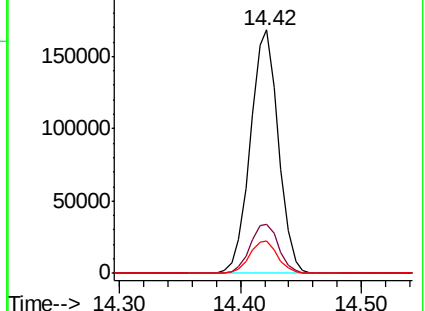
153 13.2 10.4 15.6



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: 37.976 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

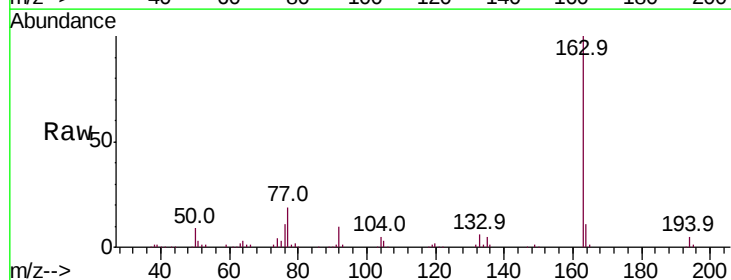
Tgt Ion:163 Resp: 214888

Ion Ratio Lower Upper

163 100

194 4.8 3.7 5.5

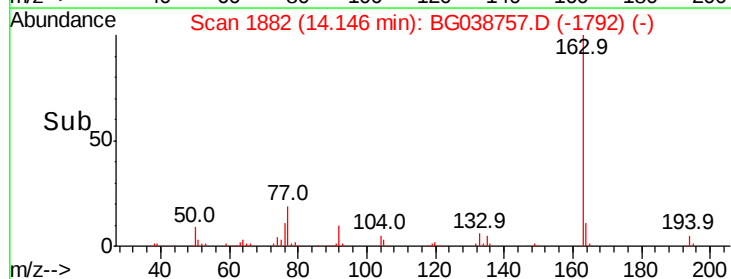
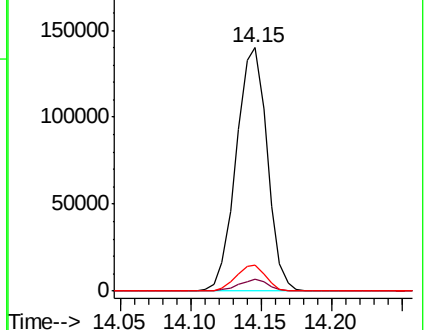
164 10.8 8.6 12.8

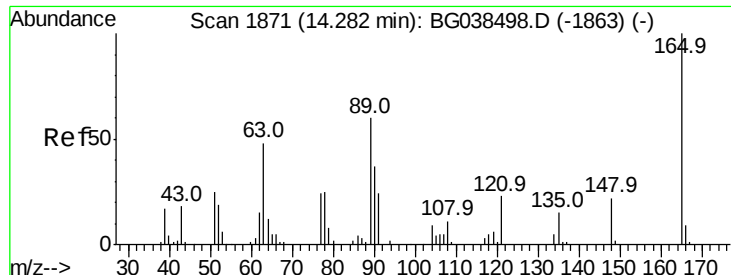


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

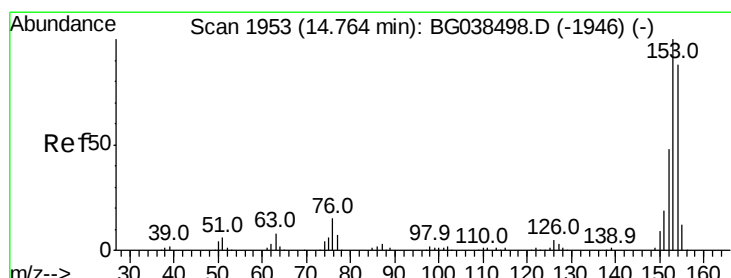
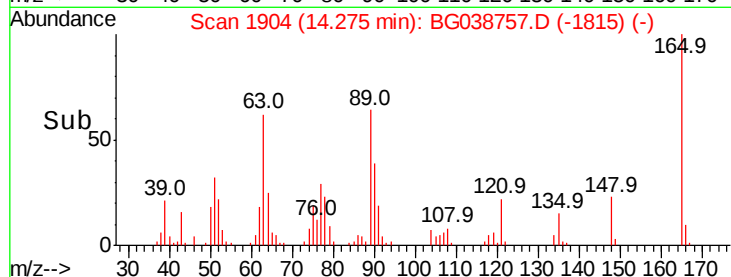
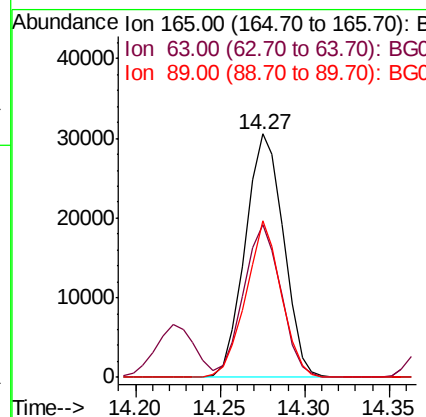
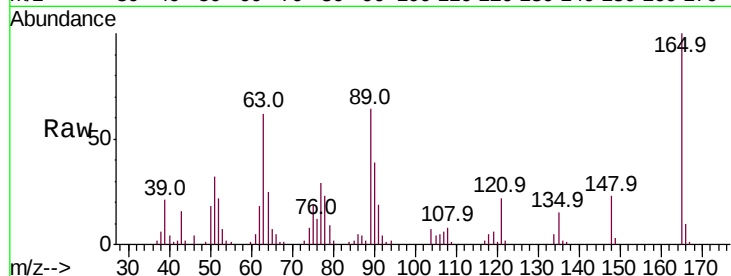




#51  
 2,6-Dinitrotoluene  
 Concen: 37.707 ng  
 RT: 14.27 min Scan# 1904  
 Delta R.T. -0.01 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

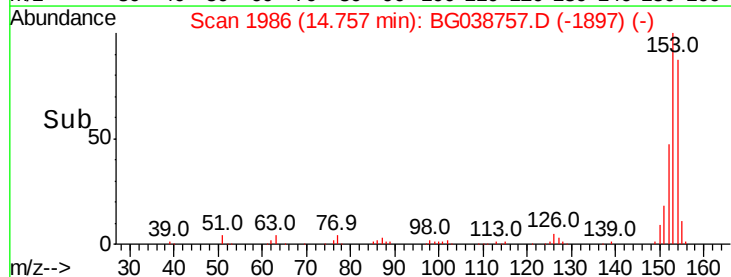
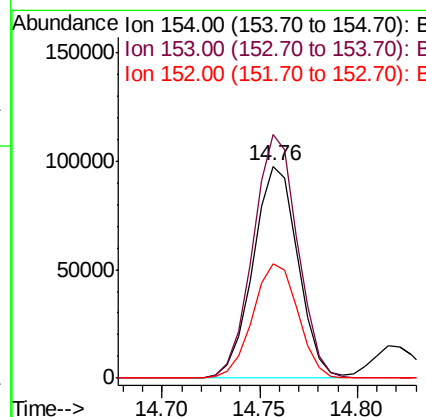
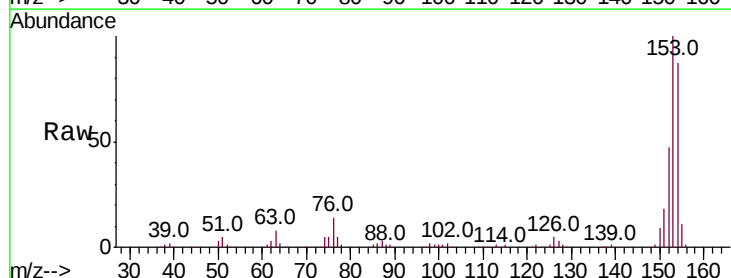
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB115840BS

Tot Ion:165 Resp: 48352  
 Ion Ratio Lower Upper  
 165 100  
 63 62.5 51.8 77.6  
 89 64.4 47.9 71.9



#52  
 Acenaphthene  
 Concen: 38.685 ng  
 RT: 14.76 min Scan# 1986  
 Delta R.T. -0.01 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

Tgt Ion:154 Resp: 155170  
 Ion Ratio Lower Upper  
 154 100  
 153 114.9 90.6 136.0  
 152 54.1 43.5 65.3





#53

3-Nitroaniline

Concen: 12.848 ng

RT: 14.61 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Instrument :

BNA\_G

ClientSampleId :

PB115840BS

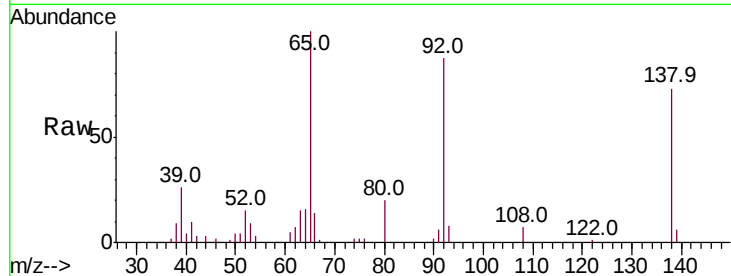
Tot Ion:138 Resp: 16795

Ion Ratio Lower Upper

138 100

108 10.1 7.9 11.9

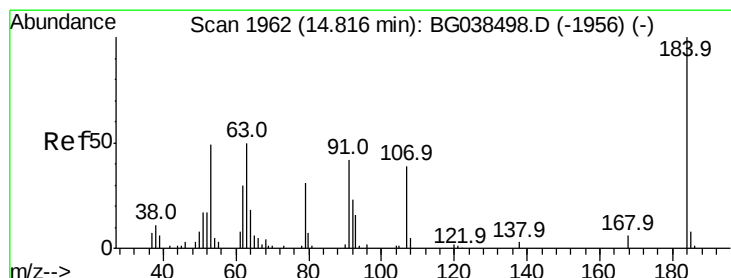
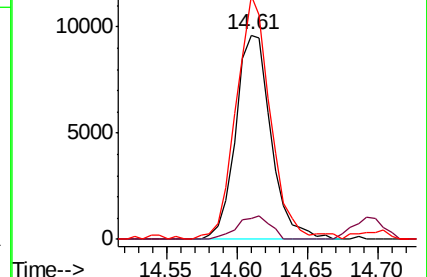
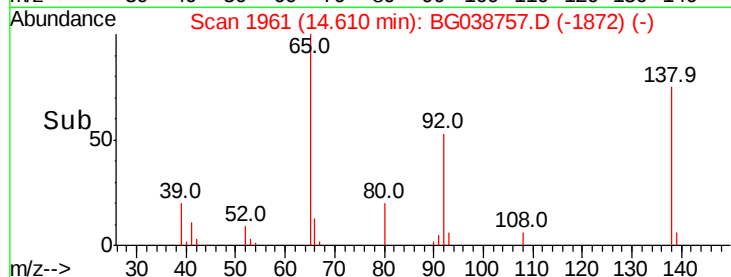
92 119.2 95.3 142.9



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): BGC



#54

2,4-Dinitrophenol

Concen: 56.636 ng

RT: 14.82 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

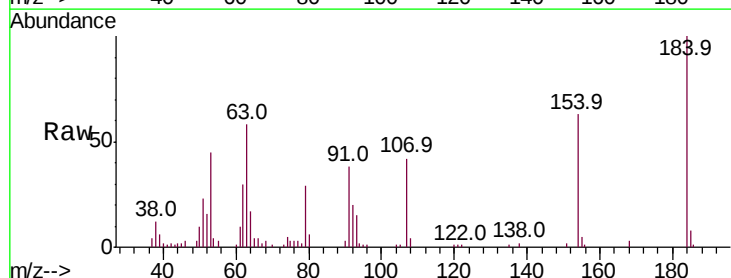
Tgt Ion:184 Resp: 41978

Ion Ratio Lower Upper

184 100

63 58.0 47.0 70.6

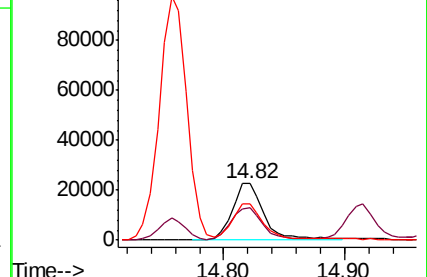
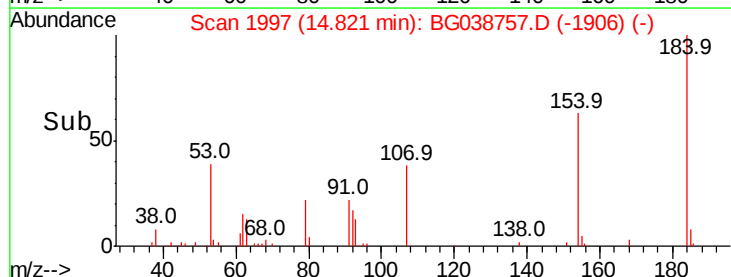
154 63.0 50.3 75.5

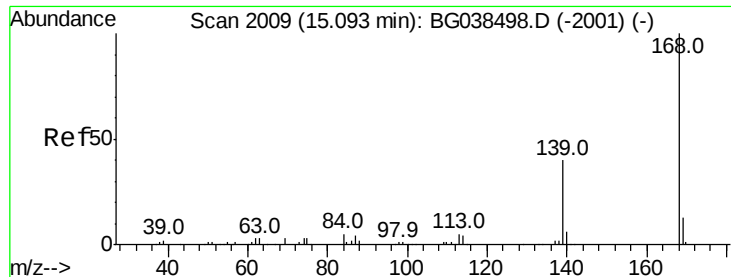


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 38.332 ng

RT: 15.09 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Instrument :

BNA\_G

ClientSampleId :

PB115840BS

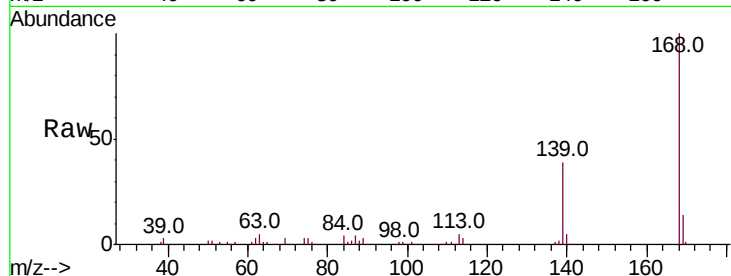
Tot Ion:168 Resp: 263555

Ion Ratio Lower Upper

168 100

139 39.1 32.2 48.2

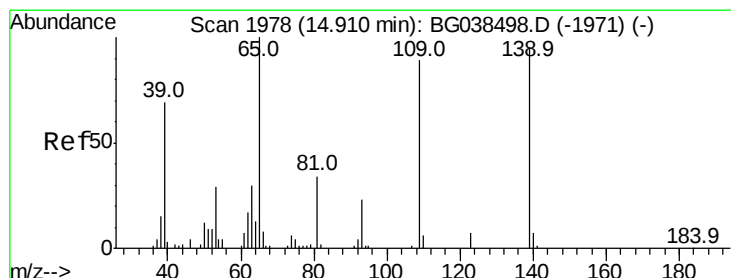
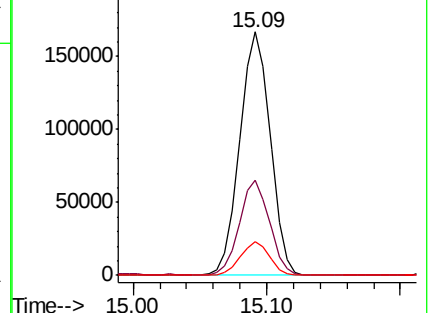
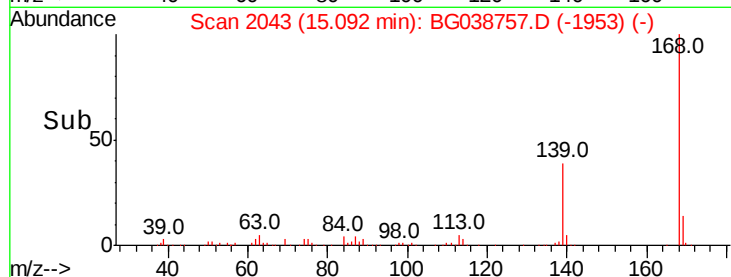
169 13.8 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 71.830 ng

RT: 14.92 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

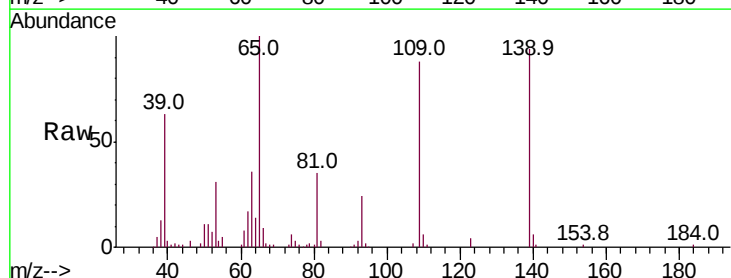
Tgt Ion:139 Resp: 71231

Ion Ratio Lower Upper

139 100

109 93.4 73.6 113.6

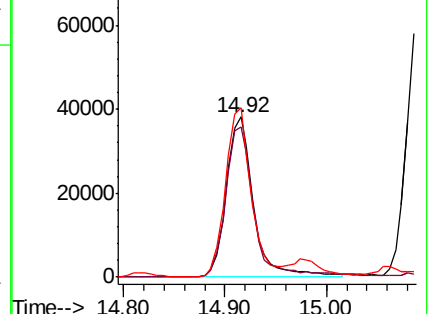
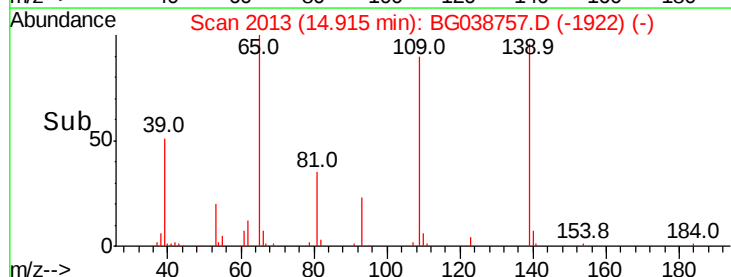
65 106.0 84.8 124.8

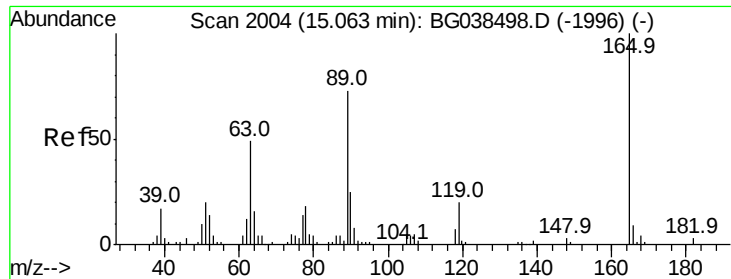


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

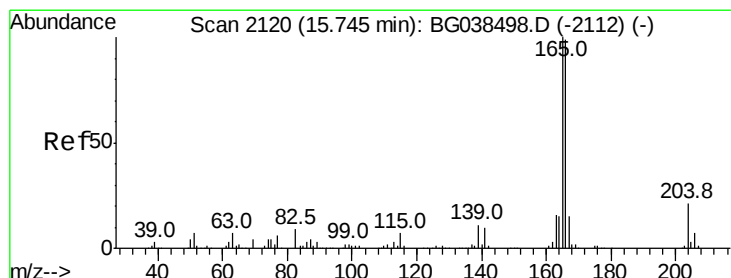
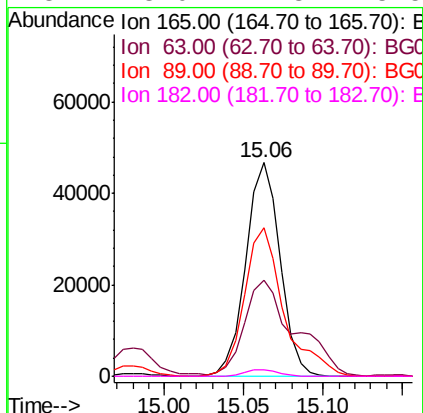
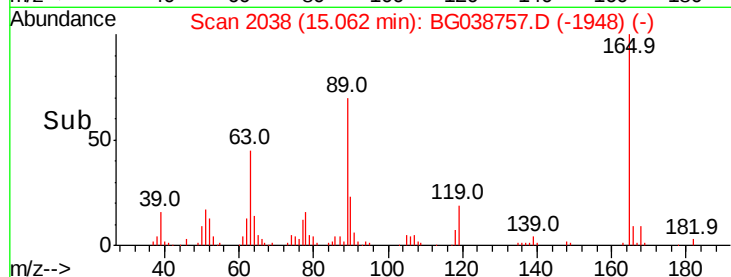
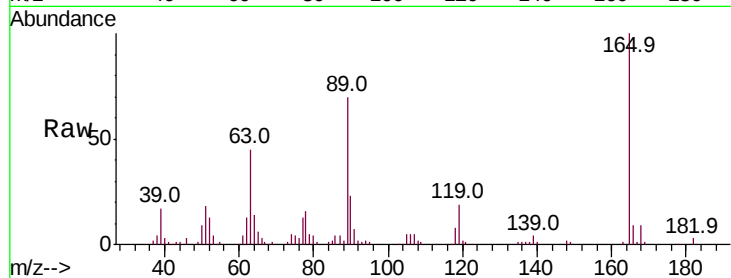




#57  
2,4-Dinitrotoluene  
Concen: 38.773 ng  
RT: 15.06 min Scan# 2038  
Delta R.T. -0.00 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

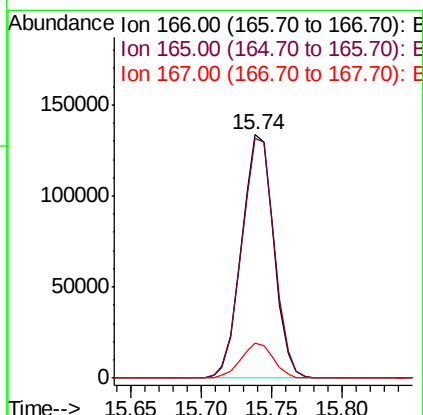
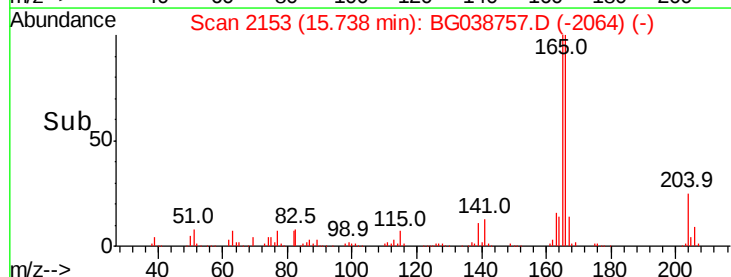
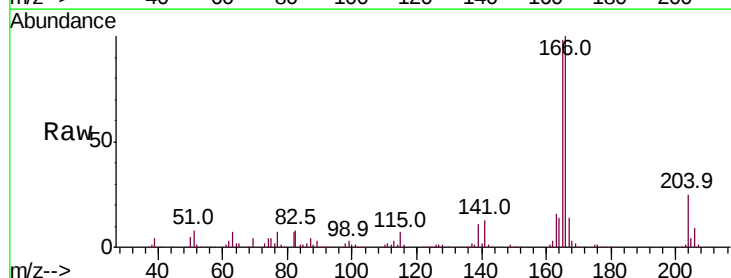
Instrument :  
BNA\_G  
ClientSampleId :  
PB115840BS

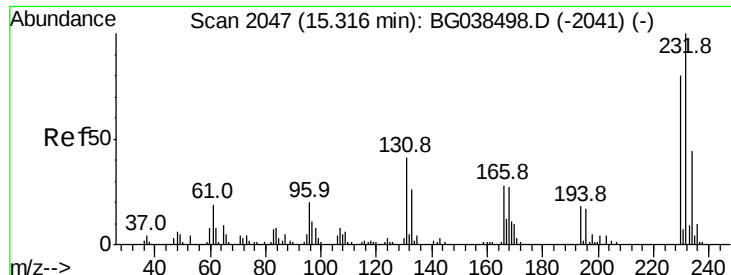
Tot Ion:165 Resp: 70028  
Ion Ratio Lower Upper  
165 100  
63 45.0 39.0 58.4  
89 69.6 58.0 87.0  
182 3.0 2.3 3.5



#58  
Fluorene  
Concen: 41.569 ng  
RT: 15.74 min Scan# 2153  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

Tgt Ion:166 Resp: 211753  
Ion Ratio Lower Upper  
166 100  
165 98.4 80.6 120.8  
167 14.3 12.0 18.0

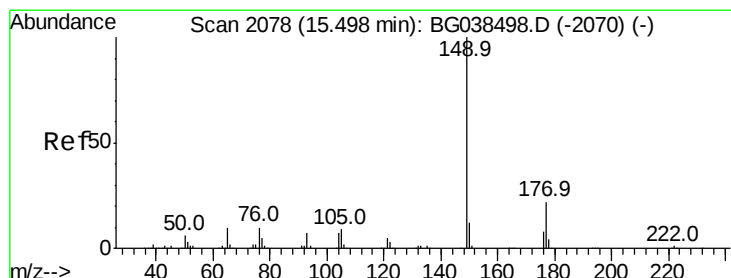
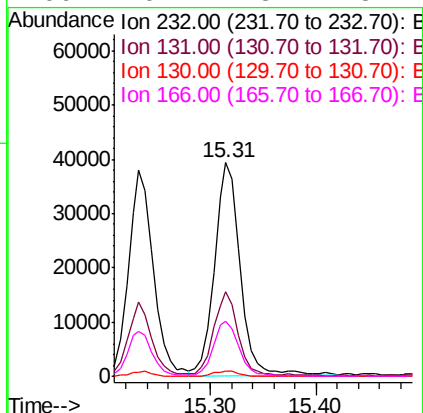
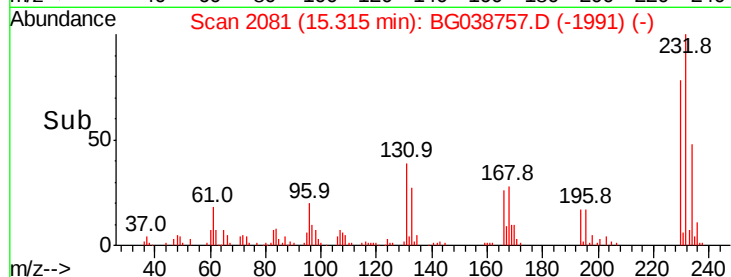
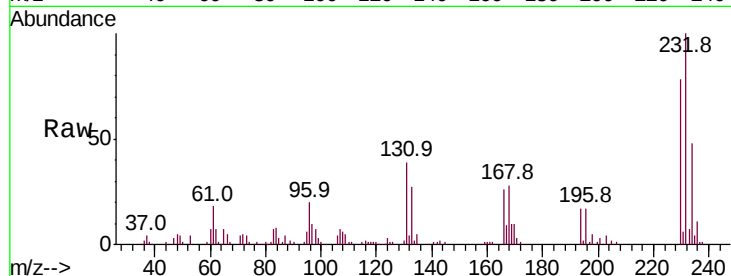




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.533 ng  
RT: 15.31 min Scan# 2081  
Delta R.T. -0.00 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

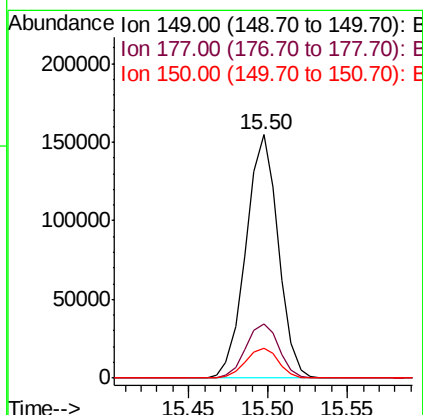
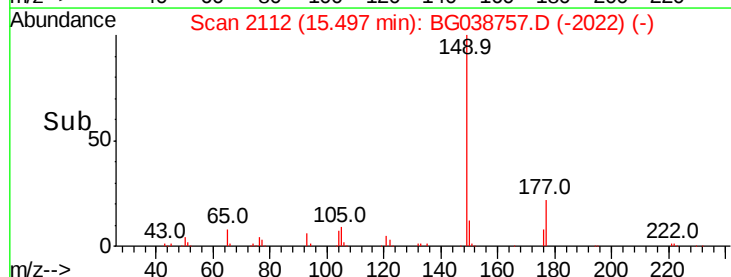
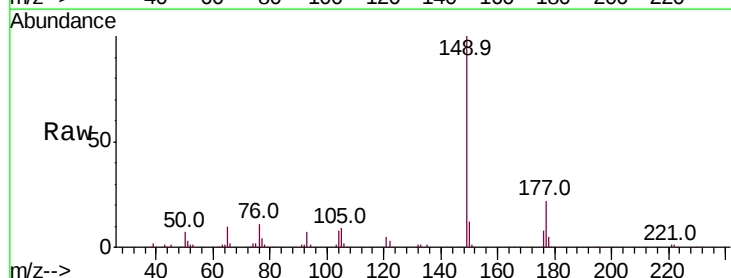
Instrument :  
BNA\_G  
ClientSampleId :  
PB115840BS

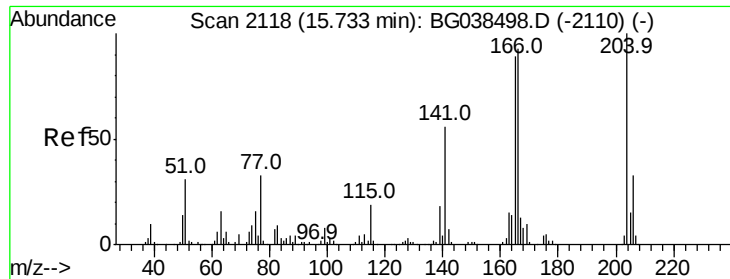
Tot Ion:232 Resp: 66039  
Ion Ratio Lower Upper  
232 100  
131 39.4 33.0 49.4  
130 2.3 2.0 3.0  
166 26.2 23.1 34.7



#60  
Diethylphthalate  
Concen: 35.310 ng  
RT: 15.50 min Scan# 2112  
Delta R.T. -0.00 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

Tgt Ion:149 Resp: 219343  
Ion Ratio Lower Upper  
149 100  
177 22.4 17.7 26.5  
150 12.4 9.9 14.9

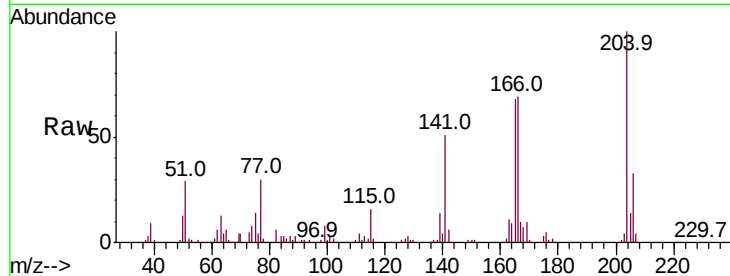




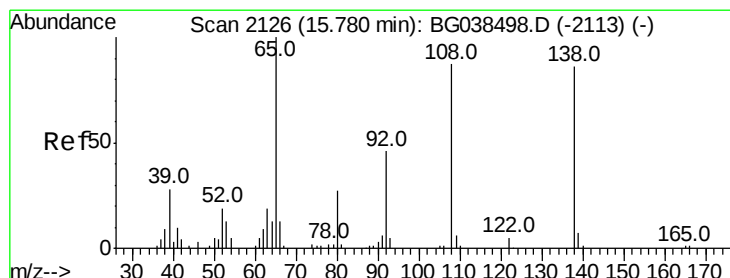
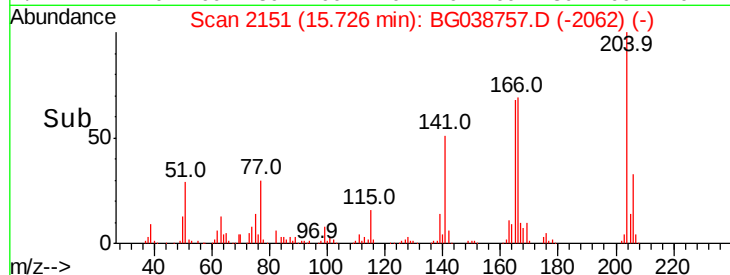
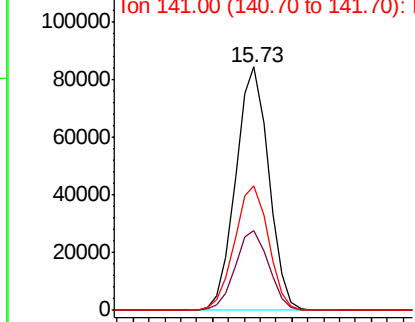
#61  
4-Chlorophenyl-phenylether  
Concen: 38.376 ng  
RT: 15.73 min Scan# 2151  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

Instrument :  
BNA\_G  
ClientSampleId :  
PB115840BS

Tot Ion:204 Resp: 121973  
Ion Ratio Lower Upper  
204 100  
206 32.6 26.0 39.0  
141 51.1 44.4 66.6

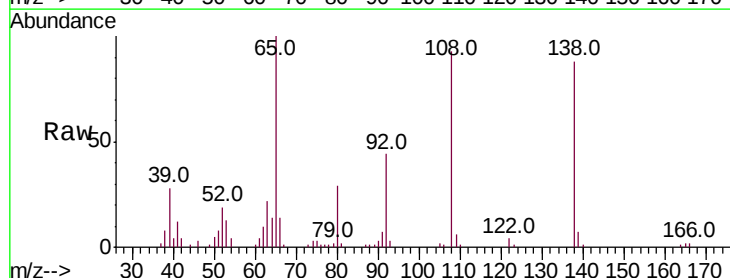


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

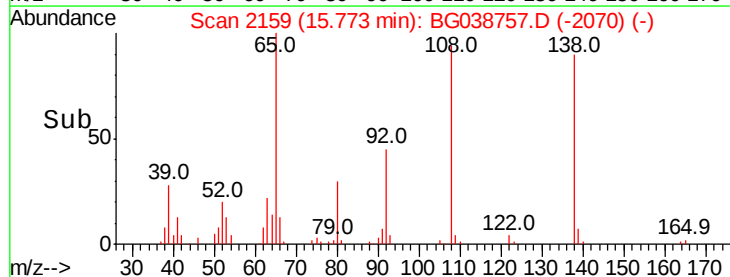
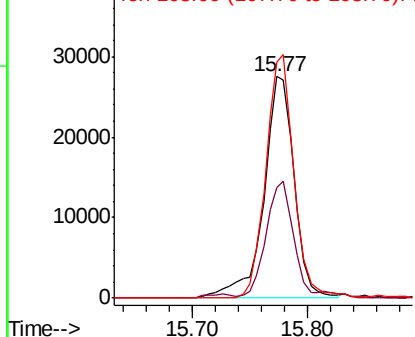


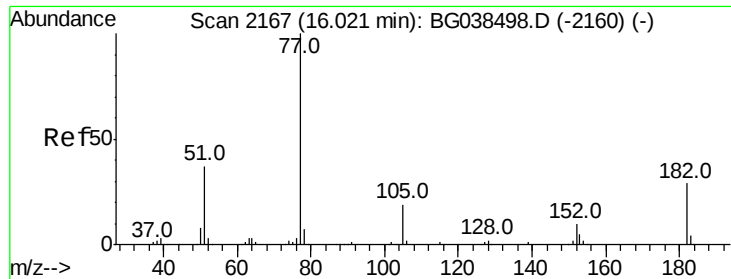
#62  
4-Nitroaniline  
Concen: 37.599 ng  
RT: 15.77 min Scan# 2159  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

Tgt Ion:138 Resp: 50599  
Ion Ratio Lower Upper  
138 100  
92 50.1 33.3 73.3  
108 106.2 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

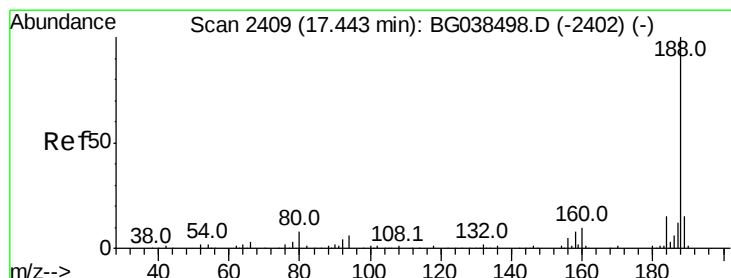
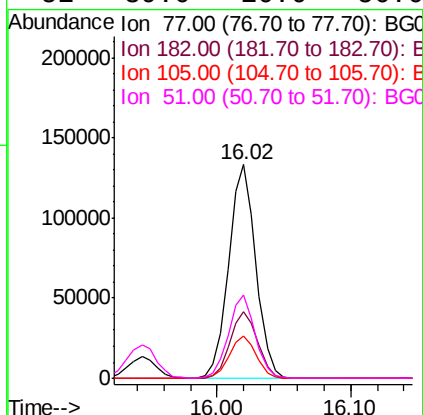
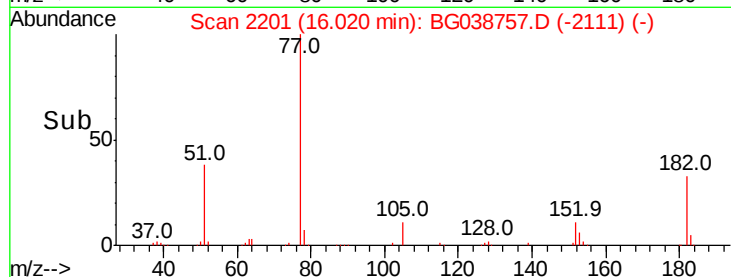
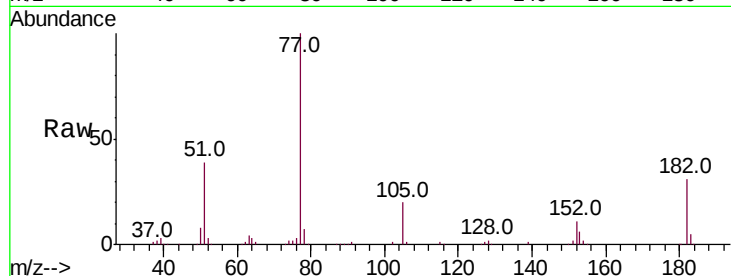




#63  
Azobenzene  
Concen: 36.444 ng  
RT: 16.02 min Scan# 2201  
Delta R.T. -0.00 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

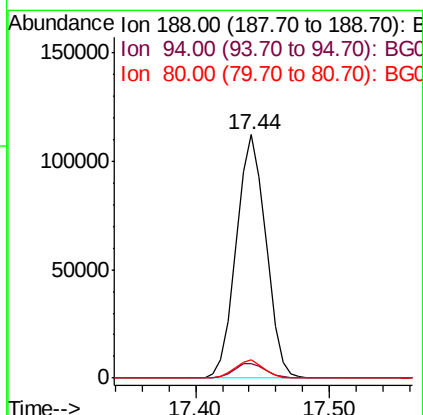
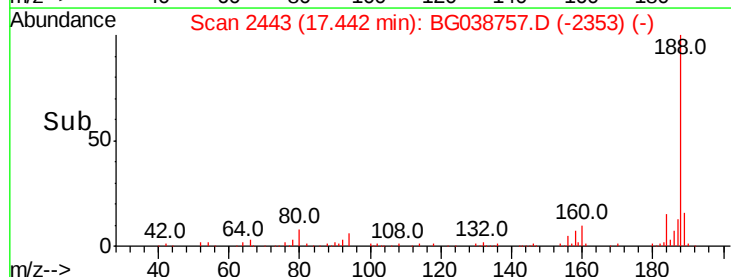
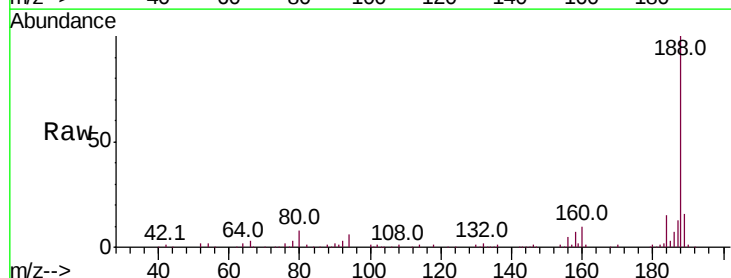
Instrument :  
BNA\_G  
ClientSampleId :  
PB115840BS

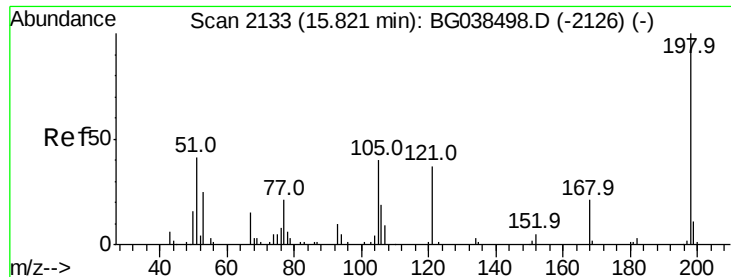
Tot Ion: 77 Resp: 189119  
Ion Ratio Lower Upper  
77 100  
182 31.5 8.7 48.7  
105 19.6 0.0 38.7  
51 39.0 16.6 56.6



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.44 min Scan# 2443  
Delta R.T. -0.00 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

Tgt Ion: 188 Resp: 172580  
Ion Ratio Lower Upper  
188 100  
94 5.9 5.1 7.7  
80 7.6 6.1 9.1





#65

4,6-Dinitro-2-methylphenol

Concen: 31.996 ng

RT: 15.82 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Instrument :

BNA\_G

ClientSampleId :

PB115840BS

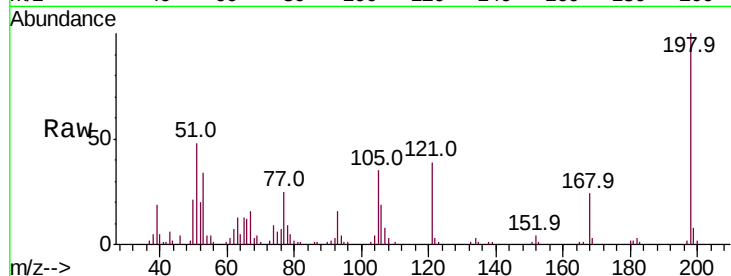
Tot Ion:198 Resp: 39390

Ion Ratio Lower Upper

198 100

51 48.2 28.6 68.6

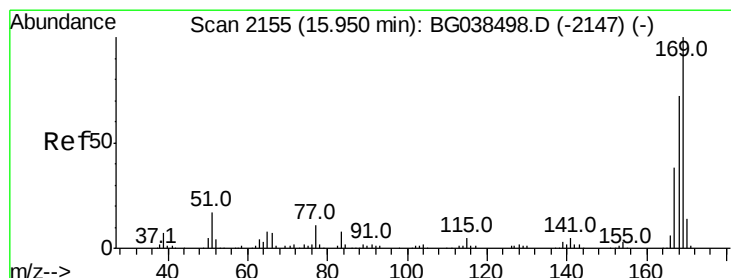
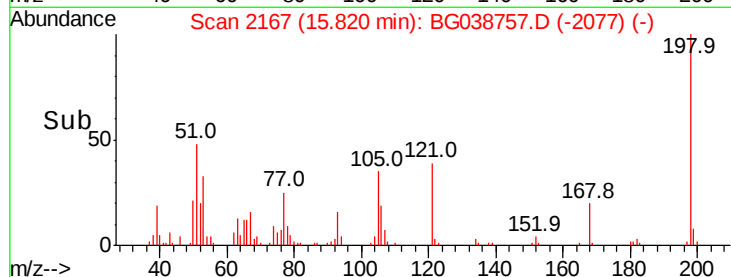
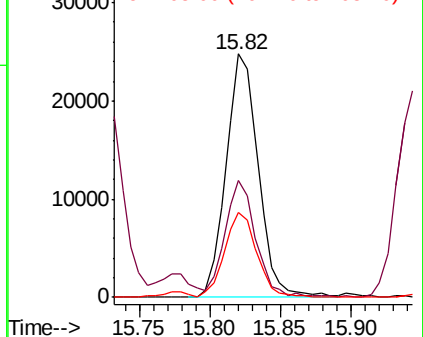
105 34.7 20.4 60.4



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: 37.961 ng

RT: 15.94 min Scan# 2188

Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

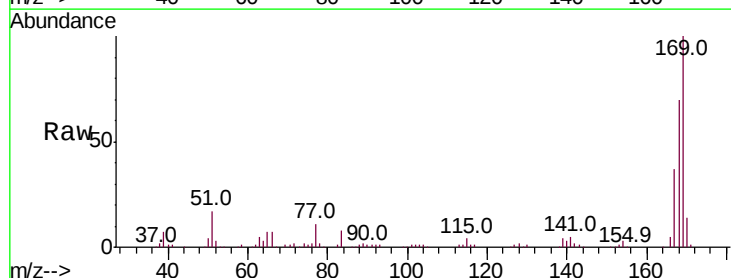
Tgt Ion:169 Resp: 192492

Ion Ratio Lower Upper

169 100

168 70.0 57.5 86.3

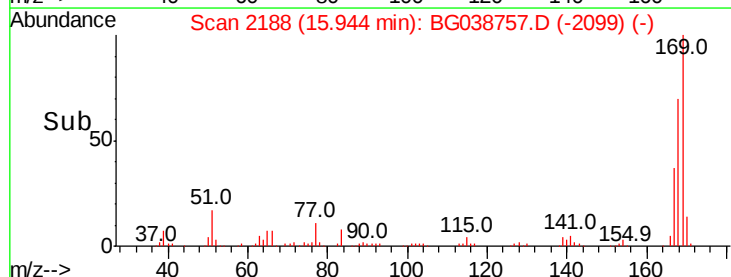
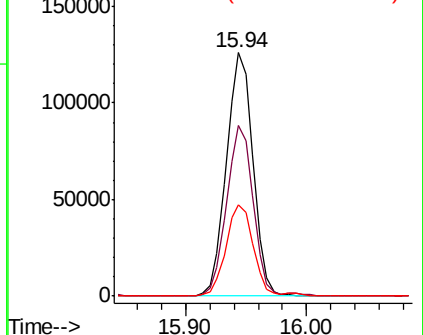
167 37.3 30.2 45.2



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

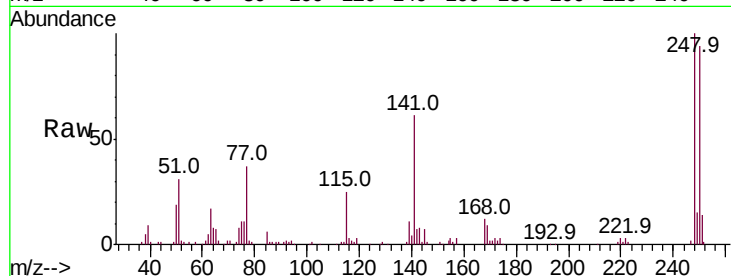




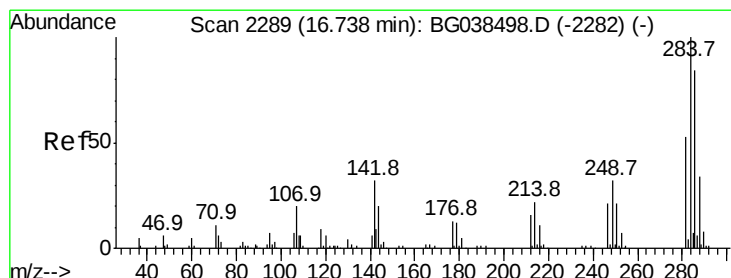
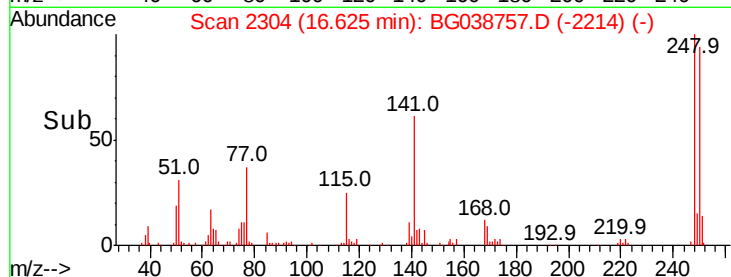
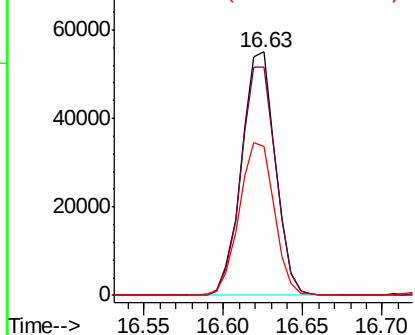
#67  
4-Bromophenyl-phenylether  
Concen: 38.600 ng  
RT: 16.63 min Scan# 2304  
Delta R.T. -0.00 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

Instrument :  
BNA\_G  
ClientSampleId :  
PB115840BS

Tot Ion:248 Resp: 81358  
Ion Ratio Lower Upper  
248 100  
250 93.7 73.4 110.2  
141 61.2 52.9 79.3

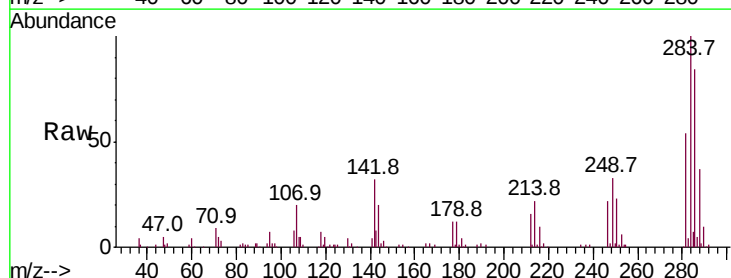


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

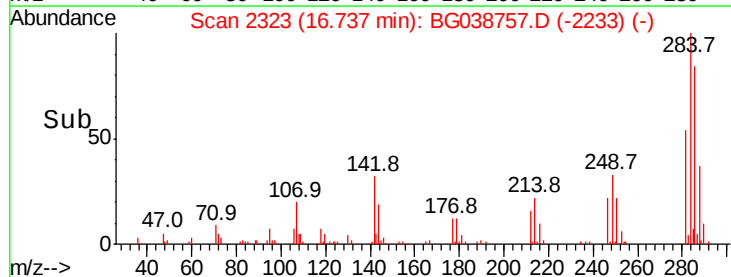
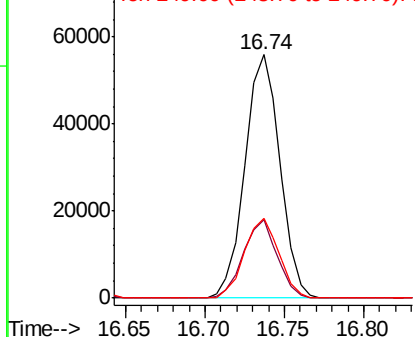


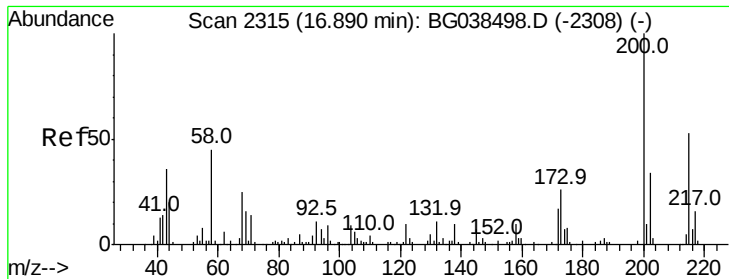
#68  
Hexachlorobenzene  
Concen: 39.157 ng  
RT: 16.74 min Scan# 2323  
Delta R.T. -0.00 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

Tgt Ion:284 Resp: 85553  
Ion Ratio Lower Upper  
284 100  
142 32.4 25.8 38.6  
249 35.4 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

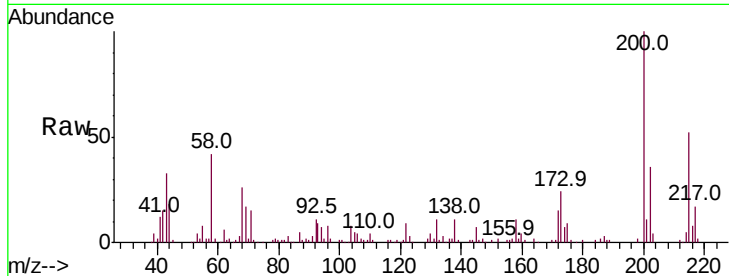




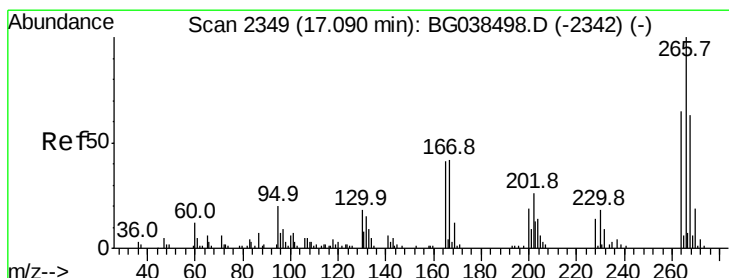
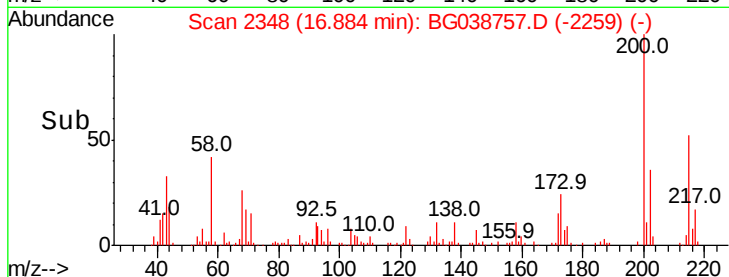
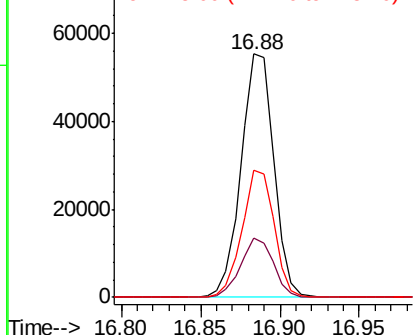
#69  
 Atrazine  
 Concen: 42.088 ng  
 RT: 16.88 min Scan# 2348  
 Delta R.T. -0.01 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB115840BS

Tot Ion:200 Resp: 79203  
 Ion Ratio Lower Upper  
 200 100  
 173 24.2 5.9 45.9  
 215 52.1 33.1 73.1

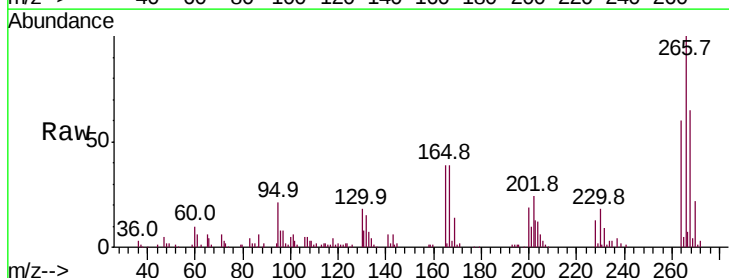


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

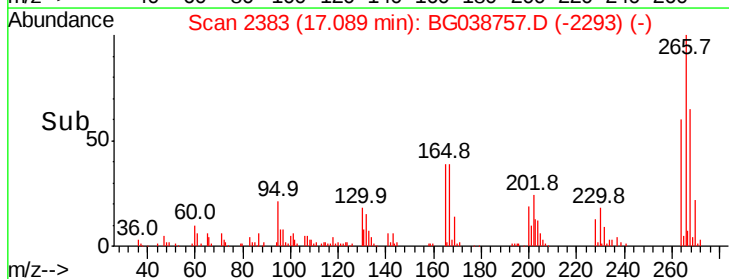
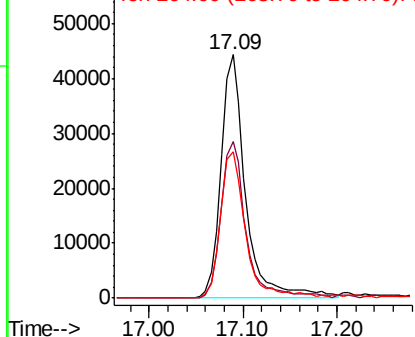


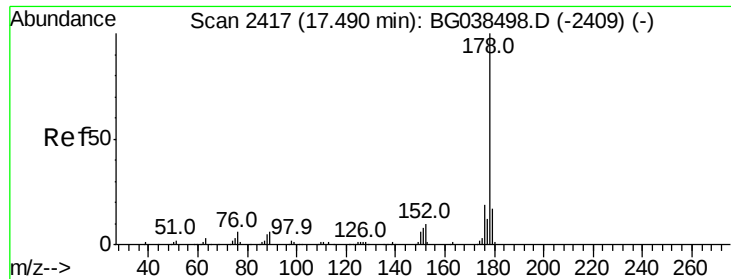
#70  
 Pentachlorophenol  
 Concen: 62.897 ng  
 RT: 17.09 min Scan# 2383  
 Delta R.T. -0.00 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

Tgt Ion:266 Resp: 81283  
 Ion Ratio Lower Upper  
 266 100  
 268 69.0 55.0 82.6  
 264 64.9 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

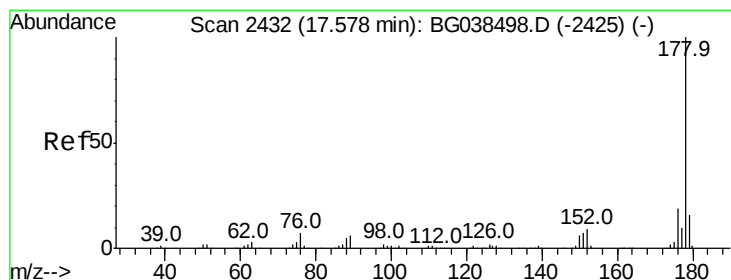
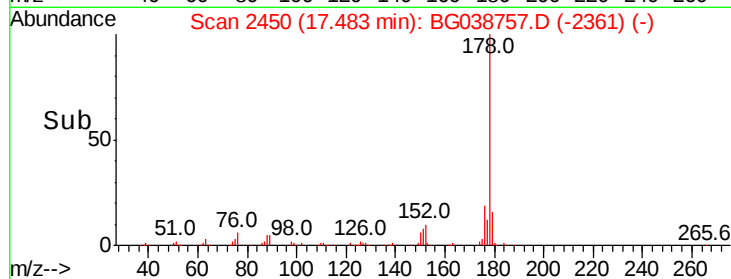
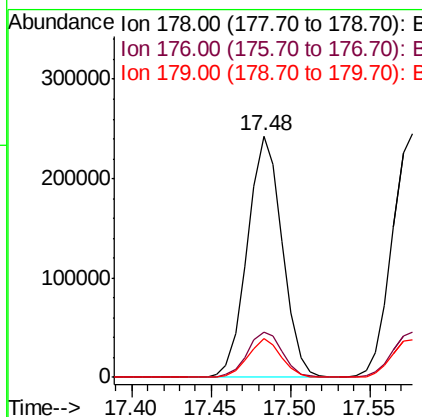
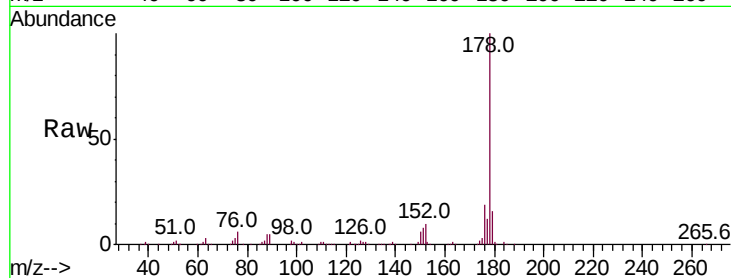




#71  
Phenanthrene  
Concen: 41.318 ng  
RT: 17.48 min Scan# 2450  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

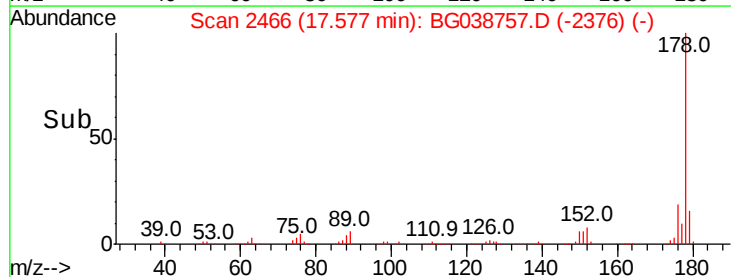
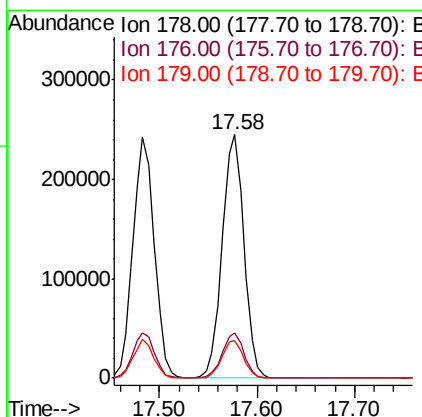
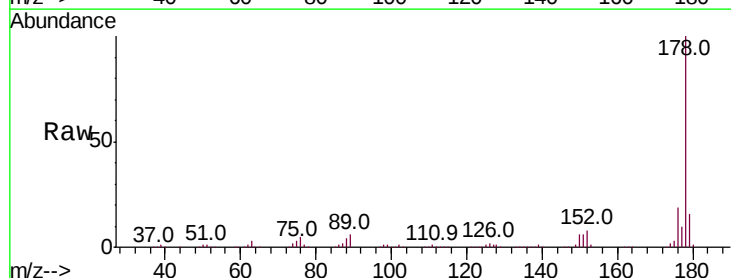
Instrument :  
BNA\_G  
ClientSampleId :  
PB115840BS

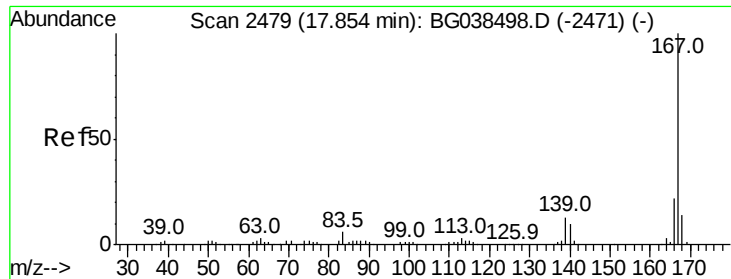
Tot Ion:178 Resp: 369771  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.1 22.7  
179 16.3 13.2 19.8



#72  
Anthracene  
Concen: 42.822 ng  
RT: 17.58 min Scan# 2466  
Delta R.T. -0.00 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

Tgt Ion:178 Resp: 378329  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.1 22.7  
179 15.6 12.9 19.3

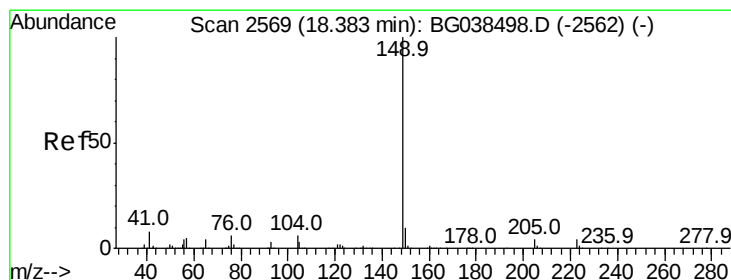
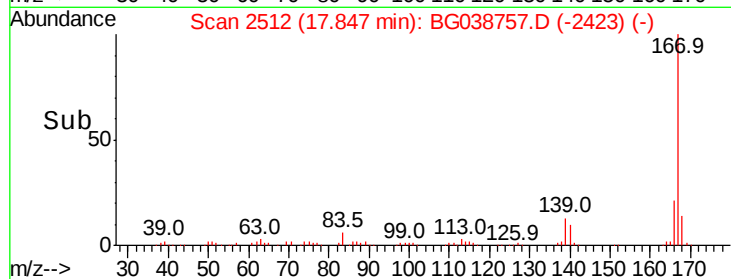
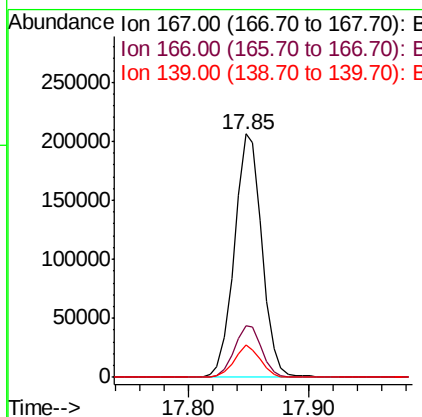
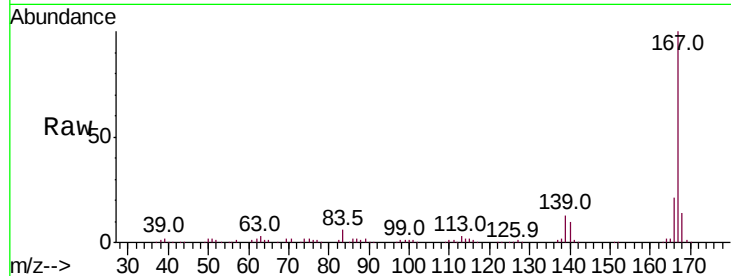




#73  
 Carbazole  
 Concen: 37.404 ng  
 RT: 17.85 min Scan# 2512  
 Delta R.T. -0.01 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

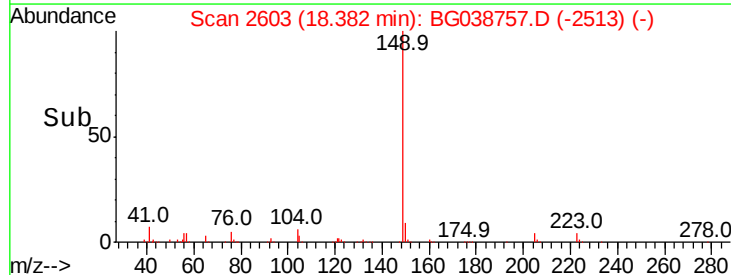
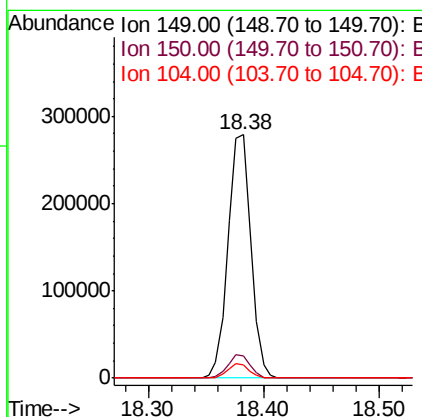
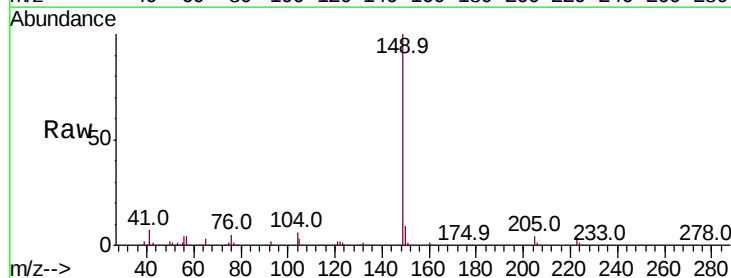
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB115840BS

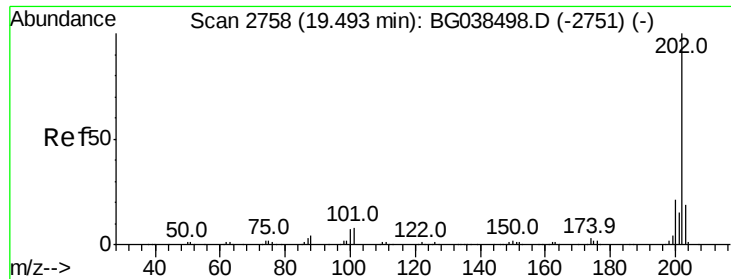
Tot Ion:167 Resp: 326820  
 Ion Ratio Lower Upper  
 167 100  
 166 21.3 17.9 26.9  
 139 13.2 10.2 15.2



#74  
 Di-n-butylphthalate  
 Concen: 38.164 ng  
 RT: 18.38 min Scan# 2603  
 Delta R.T. -0.00 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

Tgt Ion:149 Resp: 382631  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.6 11.4  
 104 5.5 5.0 7.4

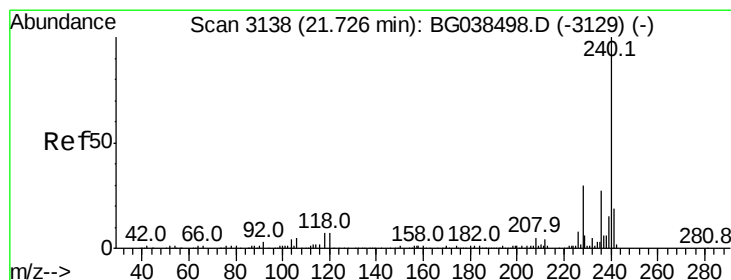
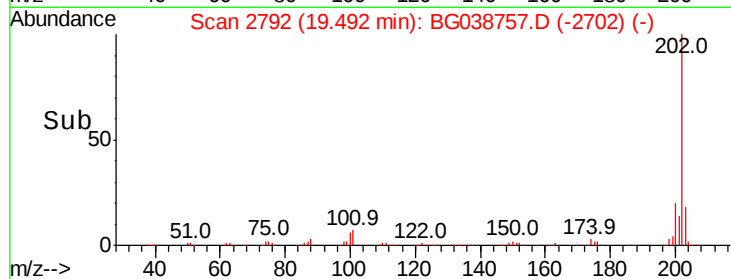
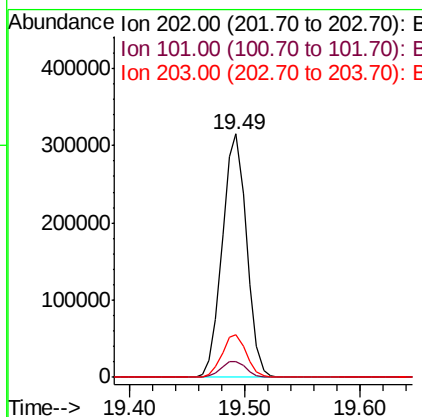
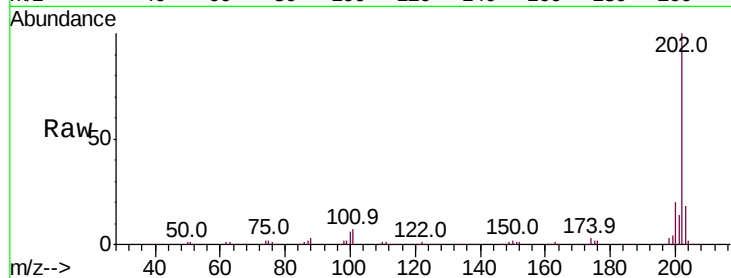




#75  
 Fluoranthene  
 Concen: 41.481 ng  
 RT: 19.49 min Scan# 2792  
 Delta R.T. -0.00 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

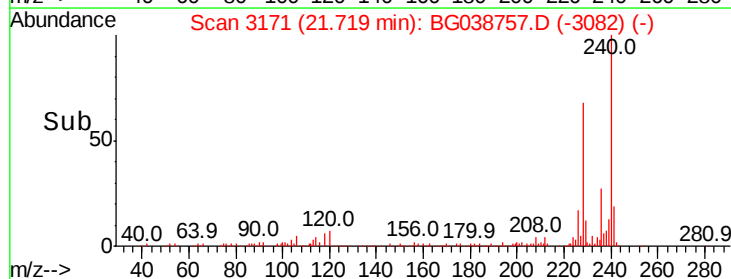
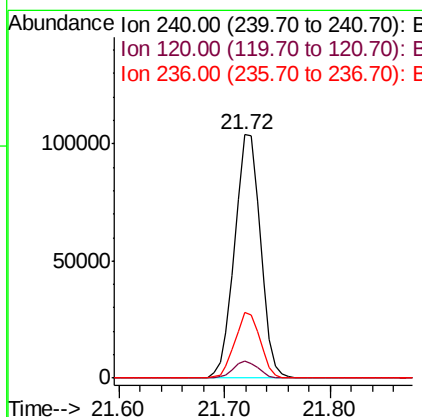
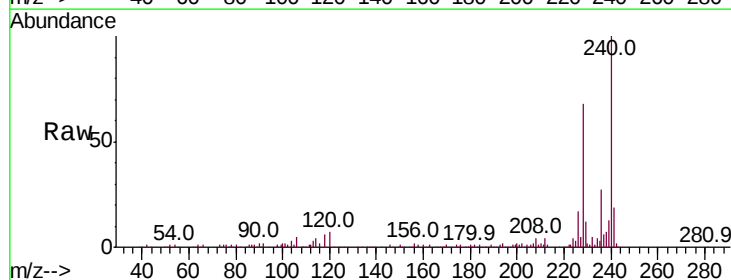
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB115840BS

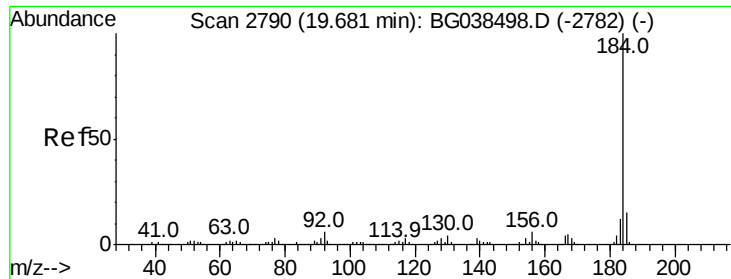
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 6.6   | 0.0   | 28.1  |
| 203     | 17.6  | 0.0   | 39.0  |



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.72 min Scan# 3171  
 Delta R.T. -0.01 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 7.1   | 5.3   | 7.9   |
| 236     | 27.0  | 21.4  | 32.2  |





#77

Benzidine

Concen: 22.699 ng

RT: 19.67 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Instrument :

BNA\_G

ClientSampleId :

PB115840BS

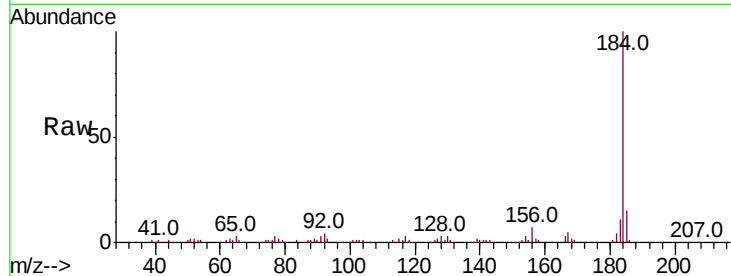
Tot Ion:184 Resp: 117816

Ion Ratio Lower Upper

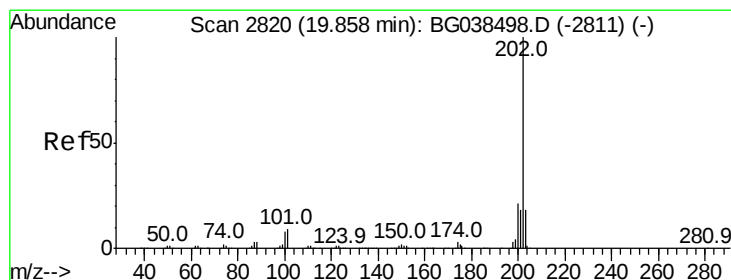
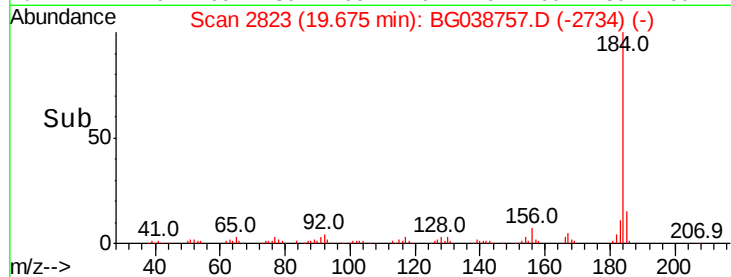
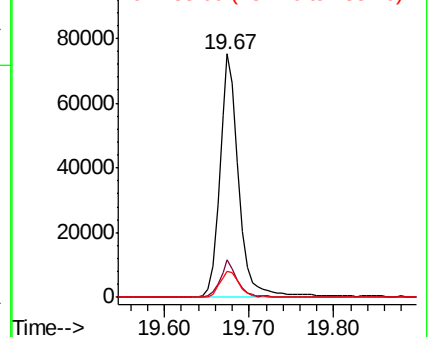
184 100

185 15.3 12.2 18.2

183 10.8 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: 39.349 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

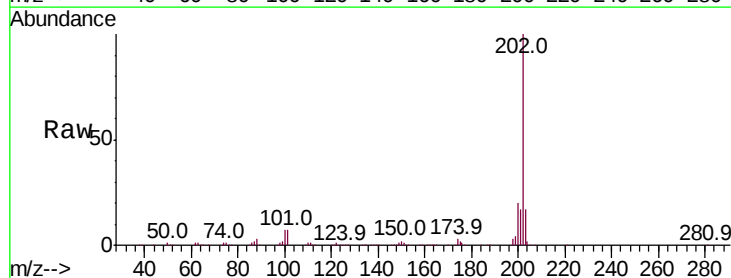
Tgt Ion:202 Resp: 456212

Ion Ratio Lower Upper

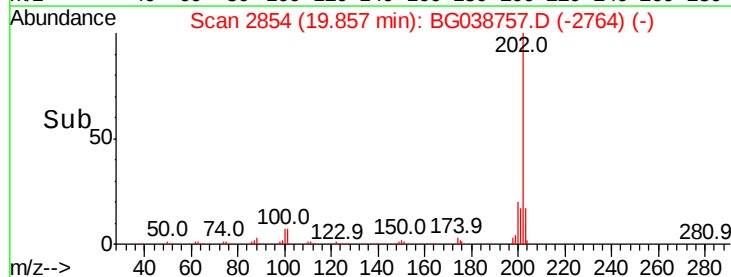
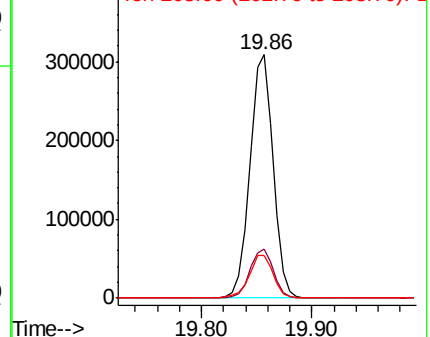
202 100

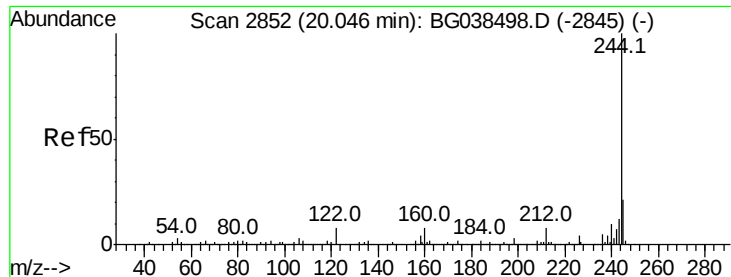
200 20.2 16.6 25.0

203 17.3 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: 87.149 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Instrument :

BNA\_G

ClientSampleId :

PB115840BS

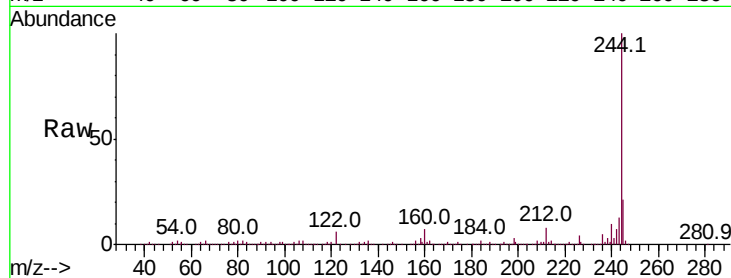
Tot Ion:244 Resp: 702773

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

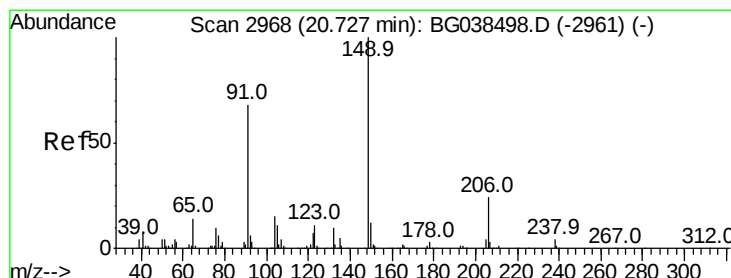
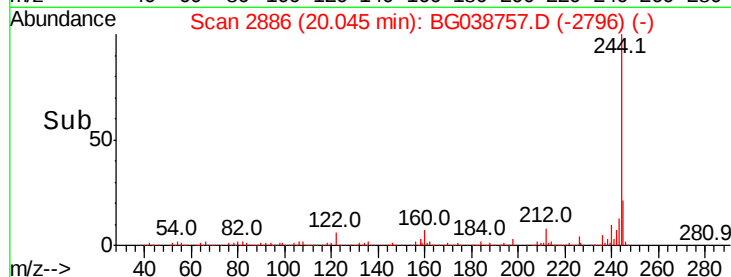
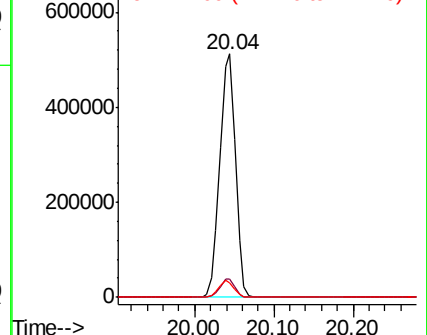
122 6.2 6.3 9.5#



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: 37.867 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

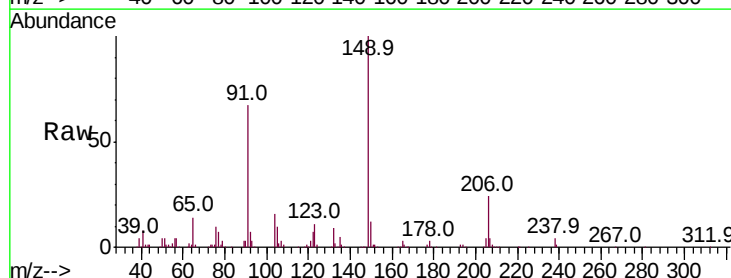
Tgt Ion:149 Resp: 171525

Ion Ratio Lower Upper

149 100

91 67.4 54.5 81.7

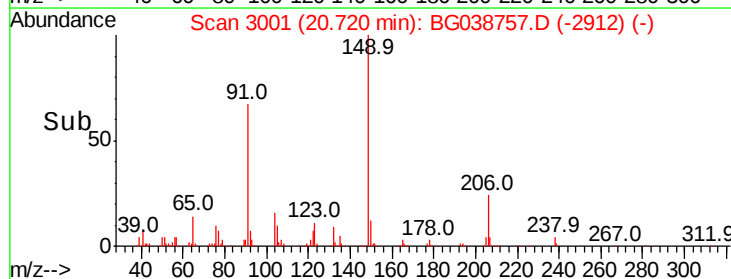
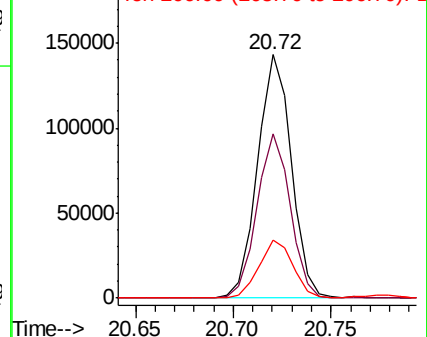
206 23.7 19.0 28.6

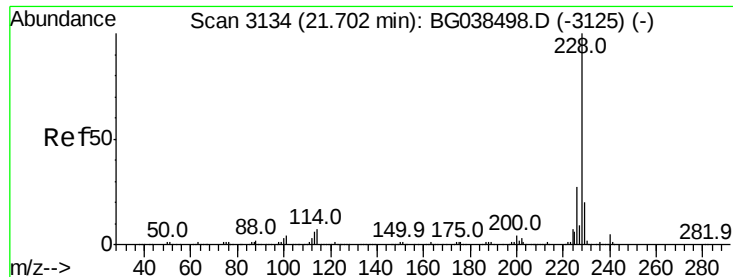


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.643 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Instrument :

BNA\_G

ClientSampleId :

PB115840BS

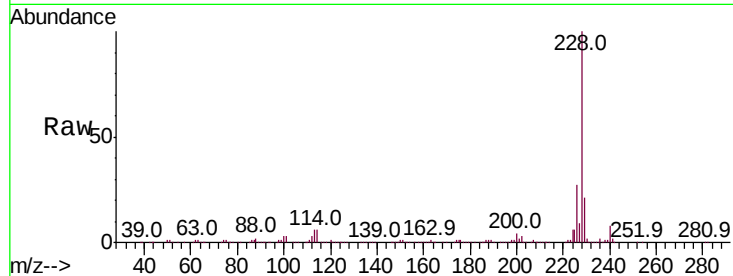
Tot Ion:228 Resp: 445329

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

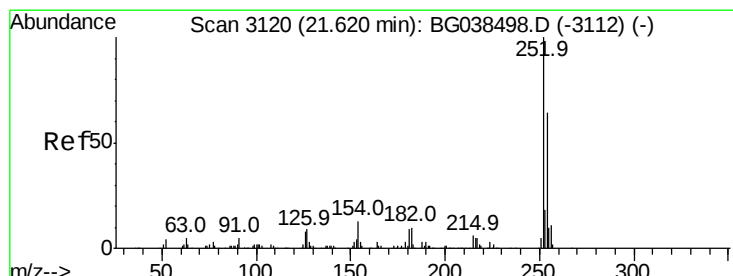
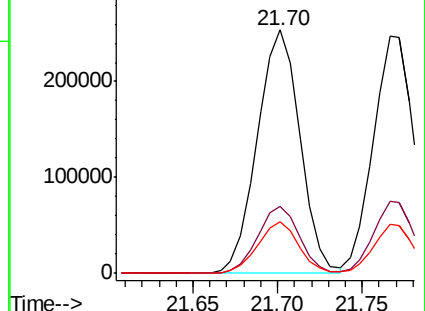
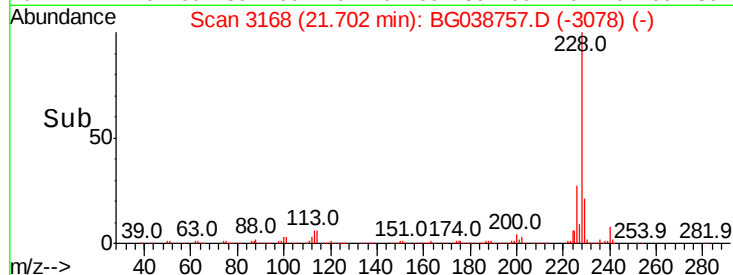
229 21.2 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 18.436 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

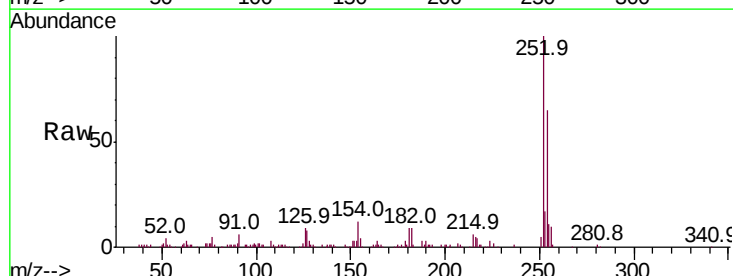
Tgt Ion:252 Resp: 78195

Ion Ratio Lower Upper

252 100

254 64.7 50.9 76.3

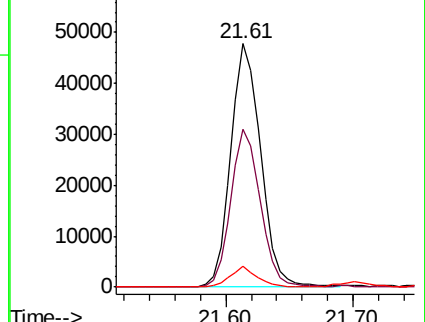
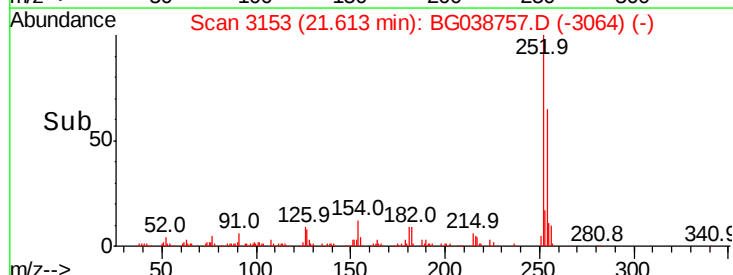
126 8.6 6.3 9.5

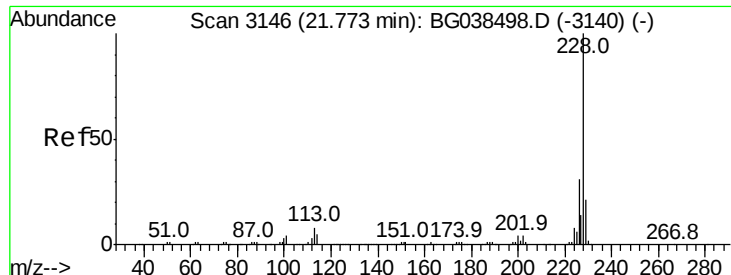


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.352 ng

RT: 21.77 min Scan# 3179

Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Instrument :

BNA\_G

ClientSampleId :

PB115840BS

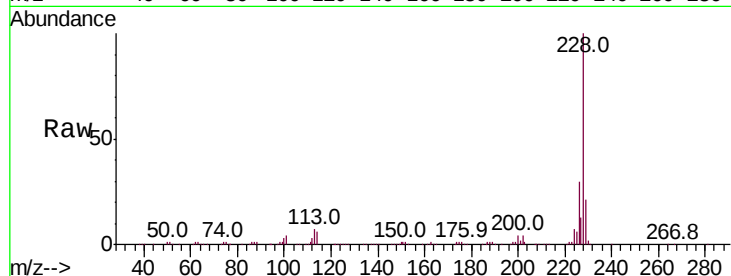
Tot Ion:228 Resp: 415649

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.4

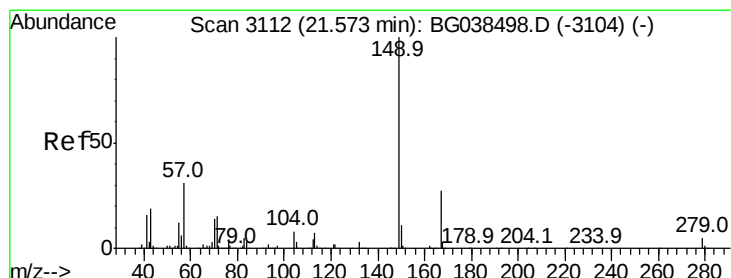
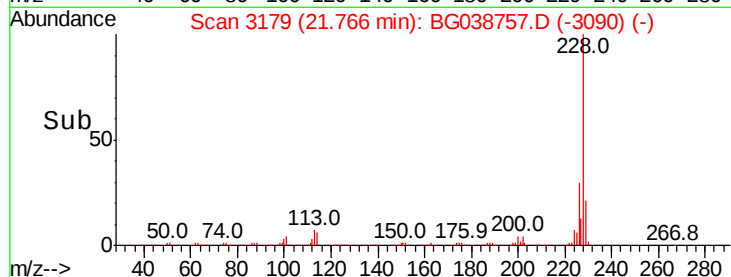
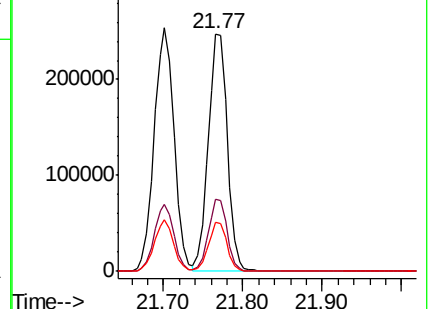
229 20.6 16.5 24.7



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: 37.223 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

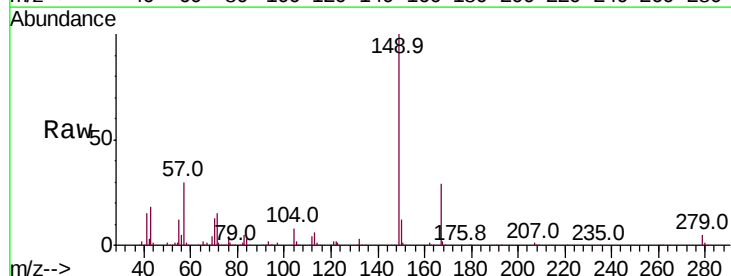
Tgt Ion:149 Resp: 239129

Ion Ratio Lower Upper

149 100

167 29.5 21.9 32.9

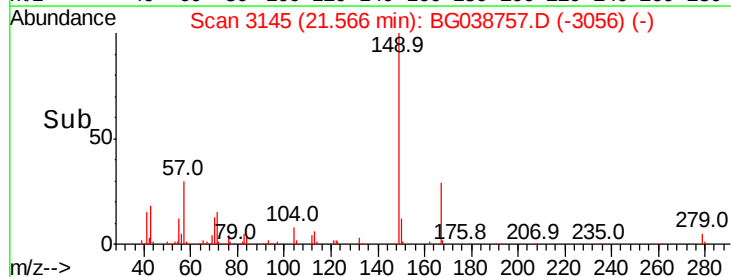
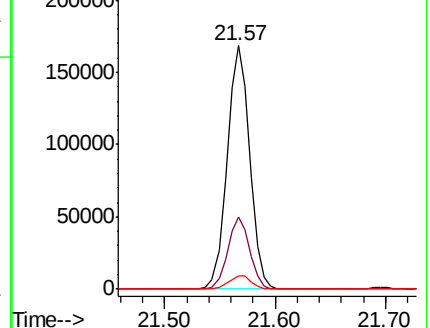
279 5.4 4.2 6.2

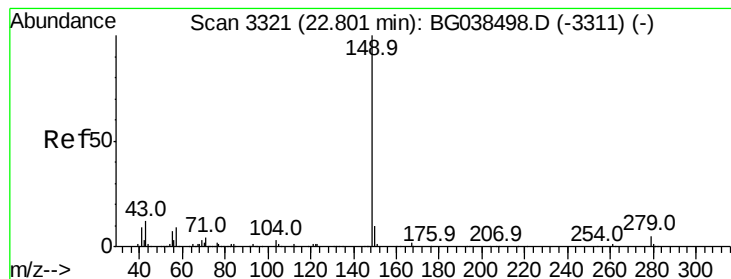


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.741 ng

RT: 22.79 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Instrument :

BNA\_G

ClientSampleId :

PB115840BS

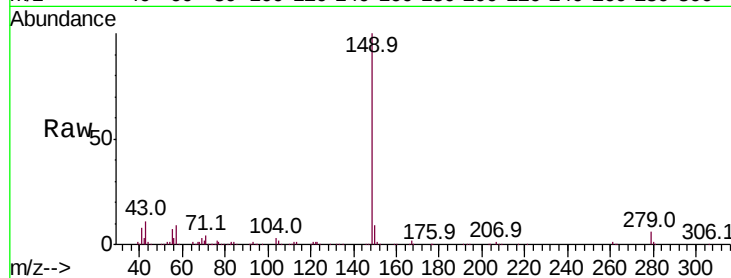
Tot Ion:149 Resp: 406053

Ion Ratio Lower Upper

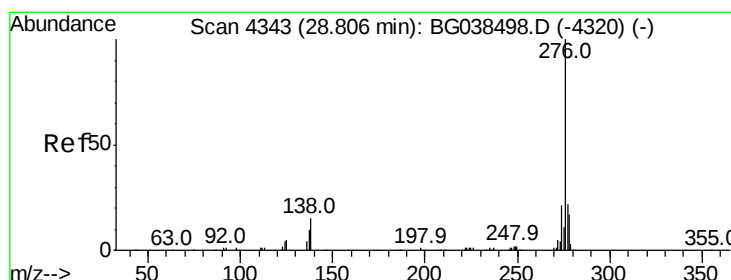
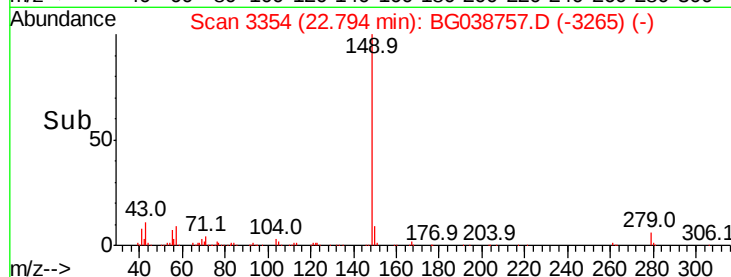
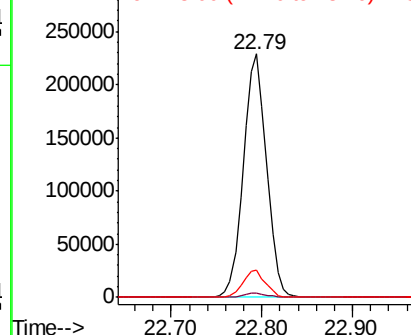
149 100

167 1.7 1.2 1.8

43 11.2 9.3 13.9



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.654 ng

RT: 28.80 min Scan# 4376

Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

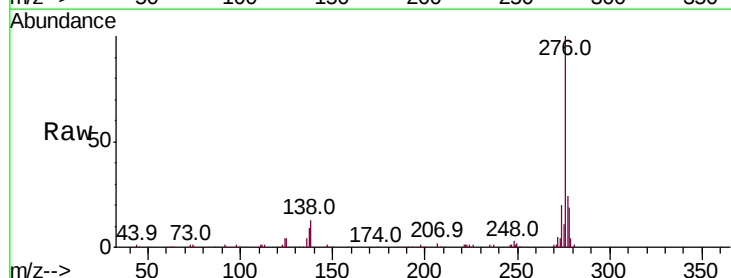
Tgt Ion:276 Resp: 504429

Ion Ratio Lower Upper

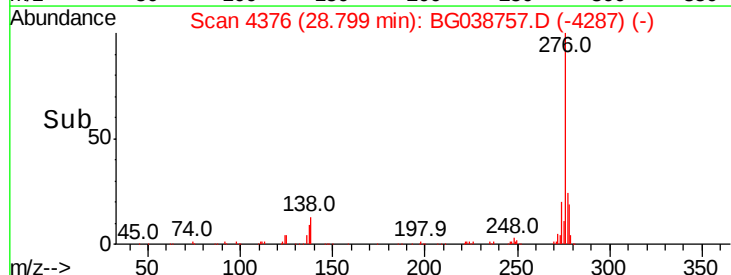
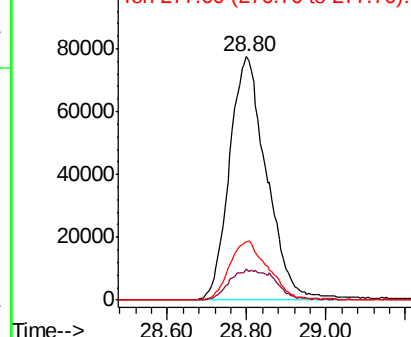
276 100

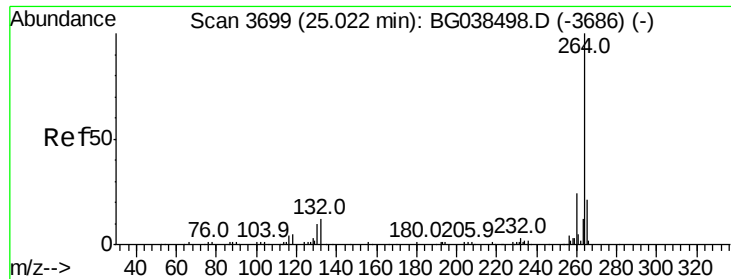
138 15.2 14.4 21.6

277 25.3 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E

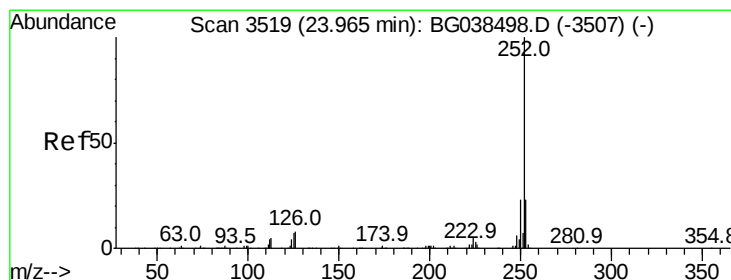
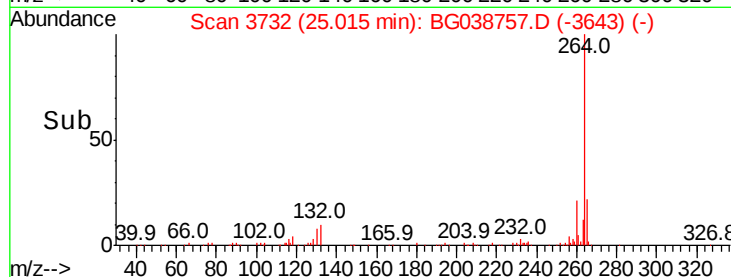
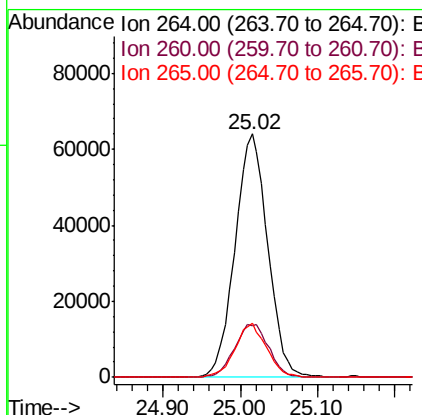
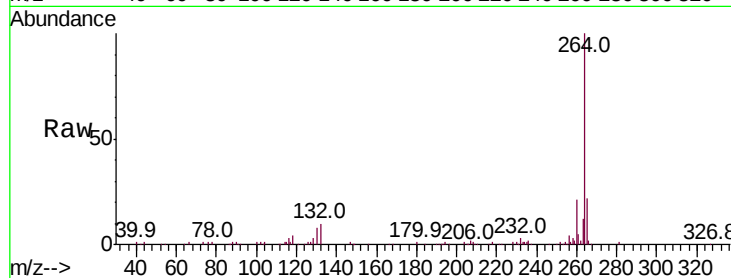




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 25.02 min Scan# 3732  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

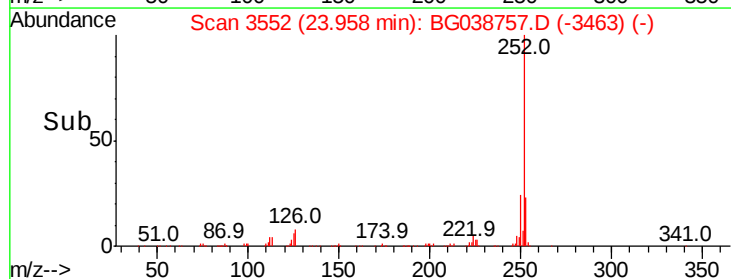
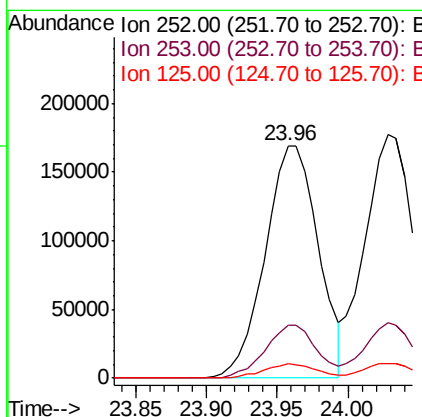
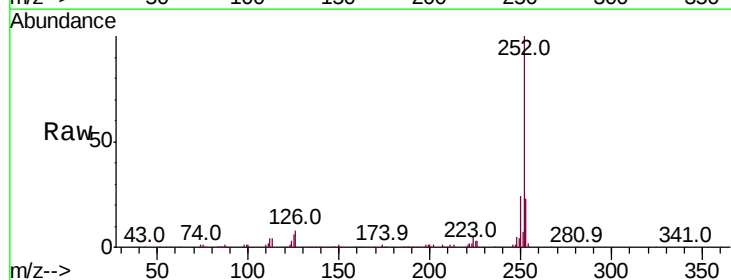
Instrument :  
BNA\_G  
ClientSampleId :  
PB115840BS

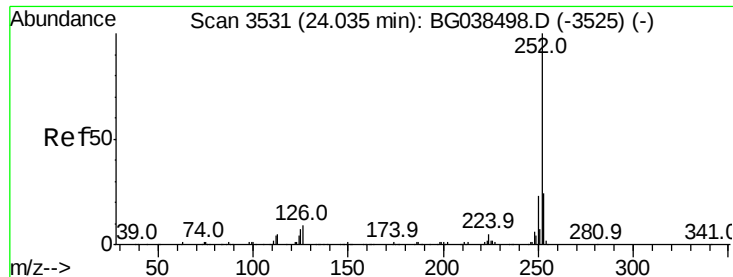
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 21.4  | 18.9  | 28.3  |
| 265     | 22.2  | 17.0  | 25.4  |



#88  
Benzo(b)fluoranthene  
Concen: 42.496 ng  
RT: 23.96 min Scan# 3552  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.6  | 18.1  | 27.1  |
| 125     | 6.0   | 5.5   | 8.3   |





#89

Benzo(k)fluoranthene

Concen: 41.806 ng

RT: 24.03 min Scan# 3564

Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Instrument :

BNA\_G

ClientSampleId :

PB115840BS

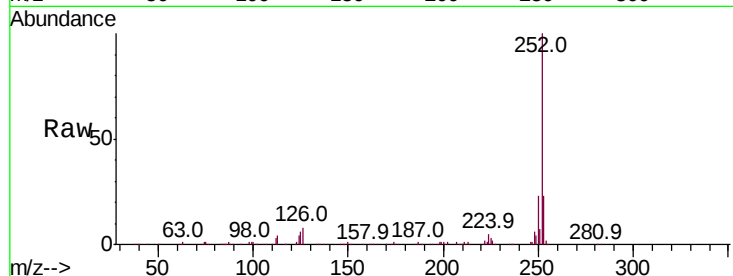
Tot Ion:252 Resp: 435053

Ion Ratio Lower Upper

252 100

253 22.9 18.9 28.3

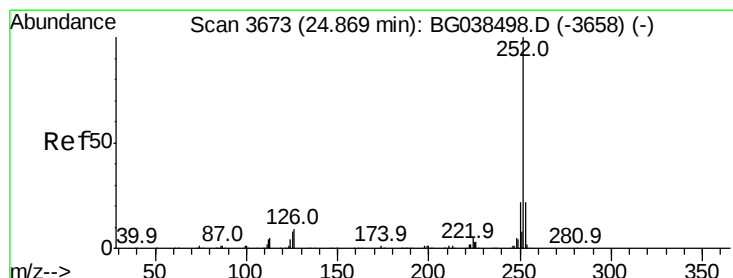
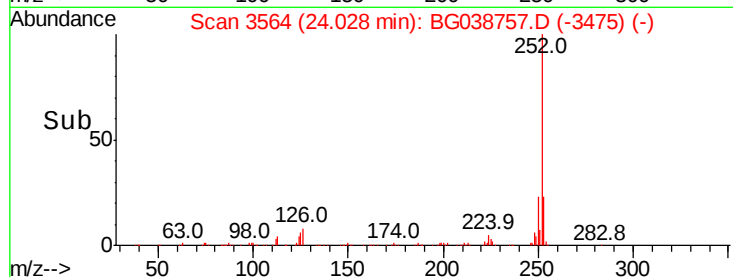
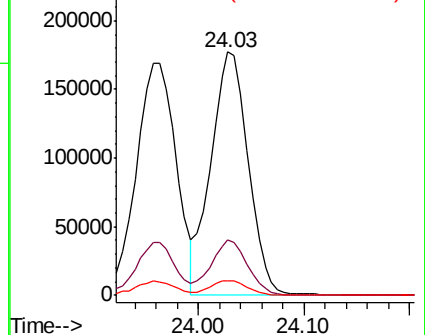
125 5.9 5.4 8.2



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: 43.310 ng

RT: 24.86 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

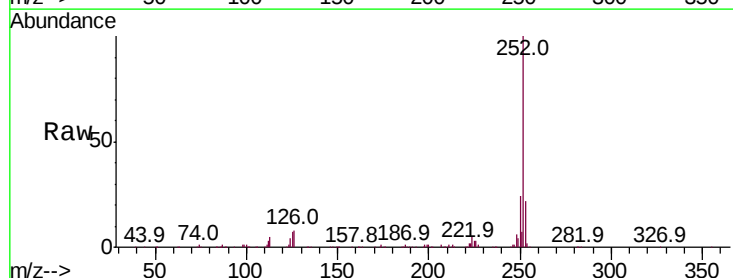
Tgt Ion:252 Resp: 436650

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

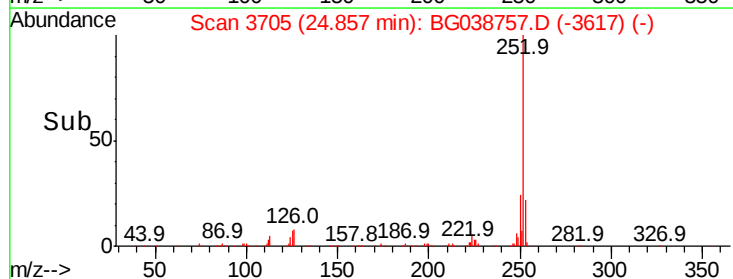
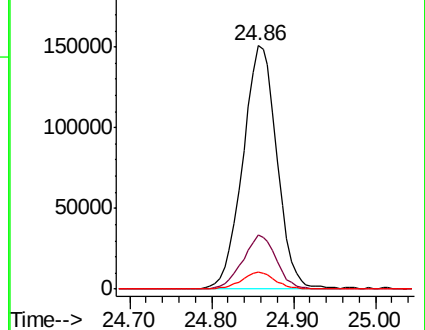
125 6.8 6.4 9.6

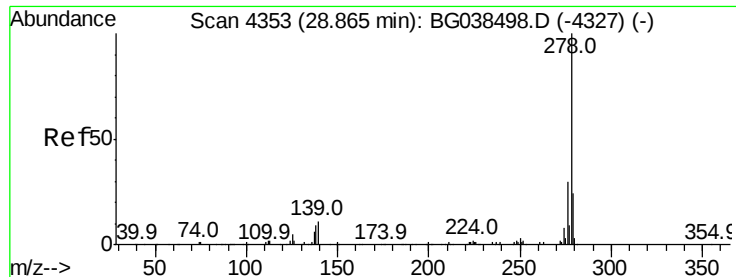


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 41.364 ng

RT: 28.86 min Scan# 4387

Delta R.T. -0.00 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Instrument :

BNA\_G

ClientSampleId :

PB115840BS

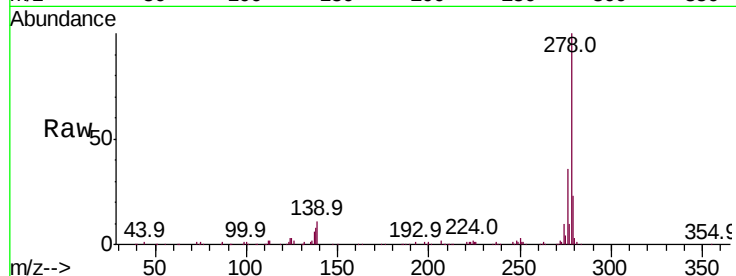
Tot Ion:278 Resp: 415223

Ion Ratio Lower Upper

278 100

139 10.9 8.6 12.8

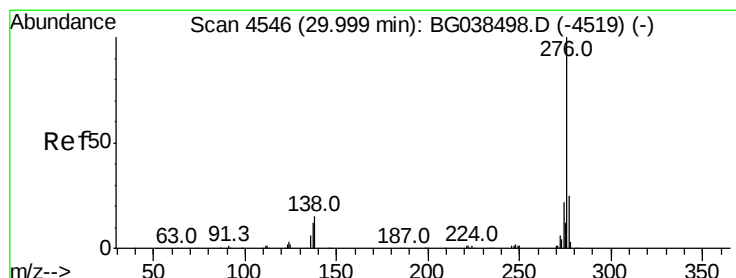
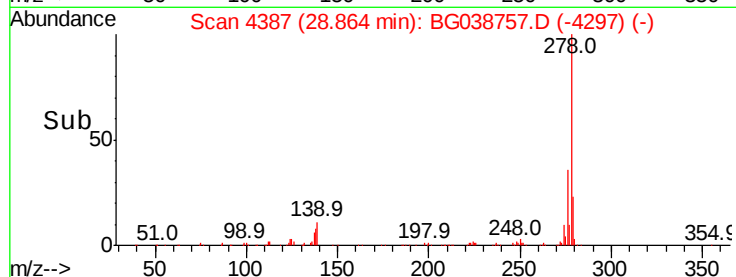
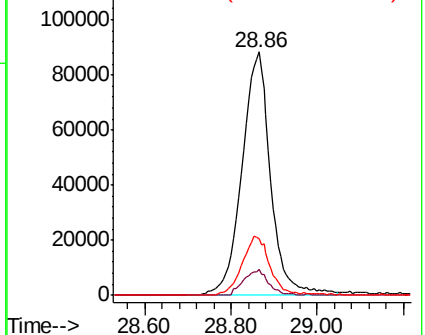
279 23.3 19.0 28.6



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: 42.224 ng

RT: 29.99 min Scan# 4579

Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

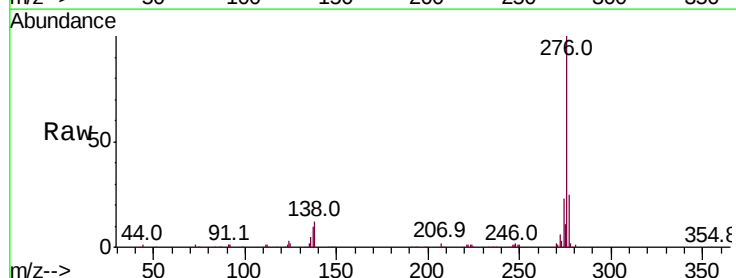
Tgt Ion:276 Resp: 417713

Ion Ratio Lower Upper

276 100

277 25.4 19.8 29.8

138 12.0 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

