

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG121418\  
 Data File : BG038573.D  
 Acq On : 14 Dec 2018 18:28  
 Operator : JU/SJ  
 Sample : PB115343BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB115343BS

Quant Time: Dec 14 22:55:05 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG121218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 12 15:26:27 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.06  | 152  | 22301    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.88 | 136  | 86228    | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.70 | 164  | 55677    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.44 | 188  | 140410   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.72 | 240  | 145779   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.01 | 264  | 158683   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.61  | 112 | 150325 | 119.56 | ng | 0.00 |
| 7) Phenol-d6             | 7.21  | 99  | 198472 | 114.98 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.24  | 82  | 117139 | 69.40  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.18 | 330 | 89435  | 116.55 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.32 | 172 | 274474 | 67.63  | ng | 0.00 |
| 79) Terphenyl-d14        | 20.04 | 244 | 575293 | 85.89  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.49  | 88  | 20005  | 34.186 | ng | # 89   |
| 3) Pyridine                    | 3.89  | 79  | 53759  | 33.367 | ng | # 89   |
| 4) n-Nitrosodimethylamine      | 3.82  | 42  | 36816  | 46.636 | ng | # 82   |
| 6) Aniline                     | 7.39  | 93  | 72888  | 33.079 | ng | 98     |
| 8) 2-Chlorophenol              | 7.62  | 128 | 61822  | 42.488 | ng | 98     |
| 9) Benzaldehyde                | 7.20  | 77  | 21318  | 19.038 | ng | 95     |
| 10) Phenol                     | 7.24  | 94  | 78724  | 42.929 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.48  | 93  | 52704  | 36.098 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.95  | 146 | 64283  | 37.365 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 8.09  | 146 | 65805  | 37.347 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.41  | 146 | 63481  | 38.216 | ng | 97     |
| 15) Benzyl Alcohol             | 8.30  | 79  | 55922  | 41.507 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.58  | 45  | 124130 | 37.115 | ng | 98     |
| 17) 2-Methylphenol             | 8.50  | 107 | 53338  | 43.413 | ng | 96     |
| 18) Hexachloroethane           | 9.14  | 117 | 24985  | 38.805 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.86  | 70  | 45607  | 37.620 | ng | 99     |
| 20) 3+4-Methylphenols          | 8.83  | 107 | 71573  | 42.181 | ng | 95     |
| 22) Acetophenone               | 8.89  | 105 | 89016  | 41.330 | ng | # 97   |
| 24) Nitrobenzene               | 9.28  | 77  | 71527  | 41.890 | ng | 98     |
| 25) Isophorone                 | 9.79  | 82  | 125927 | 41.525 | ng | 99     |
| 26) 2-Nitrophenol              | 9.99  | 139 | 34593  | 39.583 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 10.04 | 122 | 62203  | 49.664 | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 10.27 | 93  | 73520  | 42.959 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.52 | 162 | 63951  | 45.897 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 10.73 | 180 | 66833  | 39.709 | ng | 95     |
| 31) Naphthalene                | 10.93 | 128 | 184586 | 43.447 | ng | 98     |
| 32) Benzoic acid               | 10.17 | 122 | 24333  | 34.274 | ng | 92     |
| 33) 4-Chloroaniline            | 11.04 | 127 | 42249  | 22.905 | ng | 96     |
| 34) Hexachlorobutadiene        | 11.19 | 225 | 43201  | 37.934 | ng | 97     |
| 35) Caprolactam                | 11.82 | 113 | 21800  | 37.806 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 12.15 | 107 | 67174  | 42.246 | ng | 93     |
| 37) 2-Methylnaphthalene        | 12.53 | 142 | 137539 | 45.378 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.53 | 142 | 137539 | 46.763 | ng | 94     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.89 | 216 | 80786  | 38.817 | ng | 98     |

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 Sample : PB115343BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

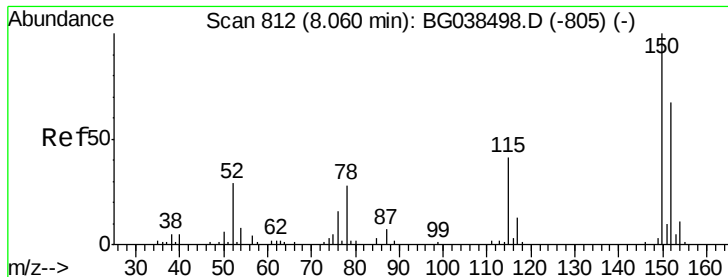
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB115343BS

Quant Time: Dec 14 22:55:05 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  | 107476   | 93.997 | ng    | 94       |
| 43) 2,4,6-Trichlorophenol      | 13.13 | 196  | 54581    | 42.653 | ng    | 96       |
| 44) 2,4,5-Trichlorophenol      | 13.21 | 196  | 60562    | 44.700 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.53 | 154  | 177506   | 38.030 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.58 | 162  | 144727   | 40.142 | ng    | 97       |
| 48) 2-Nitroaniline             | 13.79 | 65   | 49003    | 42.670 | ng    | 99       |
| 49) Acenaphthylene             | 14.42 | 152  | 236025   | 43.790 | ng    | 99       |
| 50) Dimethylphthalate          | 14.15 | 163  | 190446   | 41.886 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.28 | 165  | 42816    | 41.554 | ng    | 94       |
| 52) Acenaphthene               | 14.76 | 154  | 133927   | 41.554 | ng    | 96       |
| 53) 3-Nitroaniline             | 14.62 | 138  | 32203    | 30.659 | ng    | 94       |
| 54) 2,4-Dinitrophenol          | 14.82 | 184  | 44519    | 73.094 | ng    | 98       |
| 55) Dibenzofuran               | 15.10 | 168  | 224147   | 40.572 | ng    | 97       |
| 56) 4-Nitrophenol              | 14.91 | 139  | 66736    | 83.753 | ng    | 95       |
| 57) 2,4-Dinitrotoluene         | 15.06 | 165  | 62661    | 43.178 | ng    | 99       |
| 58) Fluorene                   | 15.74 | 166  | 180625   | 44.128 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.31 | 232  | 54422    | 44.647 | ng    | 98       |
| 60) Diethylphthalate           | 15.50 | 149  | 200799   | 40.229 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.73 | 204  | 100470   | 39.340 | ng    | 97       |
| 62) 4-Nitroaniline             | 15.78 | 138  | 47678    | 44.091 | ng    | 98       |
| 63) Azobenzene                 | 16.02 | 77   | 170999   | 41.010 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.83 | 198  | 37438    | 37.378 | ng    | 92       |
| 66) n-Nitrosodiphenylamine     | 15.95 | 169  | 165502   | 40.116 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether  | 16.62 | 248  | 67439    | 39.327 | ng    | 94       |
| 68) Hexachlorobenzene          | 16.74 | 284  | 69286    | 38.977 | ng    | 95       |
| 69) Atrazine                   | 16.89 | 200  | 68751    | 44.905 | ng    | 96       |
| 70) Pentachlorophenol          | 17.09 | 266  | 76486    | 72.745 | ng    | 97       |
| 71) Phenanthrene               | 17.49 | 178  | 321820   | 44.199 | ng    | 99       |
| 72) Anthracene                 | 17.58 | 178  | 327696   | 45.589 | ng    | 99       |
| 73) Carbazole                  | 17.85 | 167  | 297970   | 41.915 | ng    | 98       |
| 74) Di-n-butylphthalate        | 18.38 | 149  | 362702   | 44.465 | ng    | 98       |
| 75) Fluoranthene               | 19.49 | 202  | 405978   | 45.064 | ng    | 98       |
| 77) Benzidine                  | 19.68 | 184  | 201842   | 46.817 | ng    | 99       |
| 78) Pyrene                     | 19.86 | 202  | 405641   | 42.120 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.73 | 149  | 161568   | 42.941 | ng    | 96       |
| 81) Benzo(a)anthracene         | 21.70 | 228  | 391565   | 44.080 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.62 | 252  | 99009    | 28.103 | ng    | 97       |
| 83) Chrysene                   | 21.77 | 228  | 361653   | 42.268 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.57 | 149  | 223641   | 41.909 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.79 | 149  | 381007   | 42.633 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.81 | 276  | 437215   | 43.465 | ng    | # 98     |
| 88) Benzo(b)fluoranthene       | 23.96 | 252  | 388358   | 44.576 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 24.03 | 252  | 366285   | 42.220 | ng    | 98       |
| 90) Benzo(a)pyrene             | 24.86 | 252  | 372401   | 44.306 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.86 | 278  | 367004   | 43.854 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.99 | 276  | 359225   | 43.556 | ng    | 96       |

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



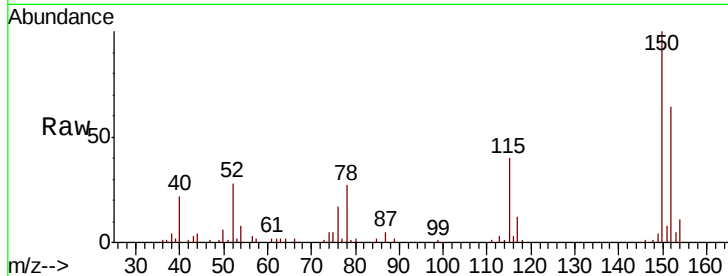


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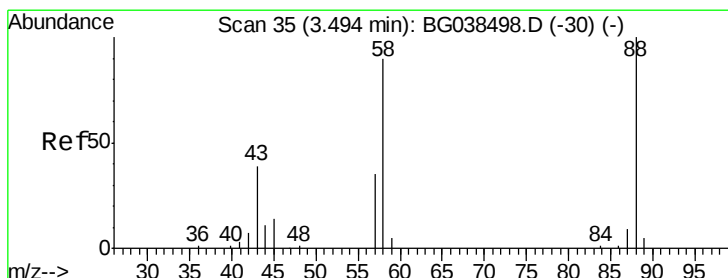
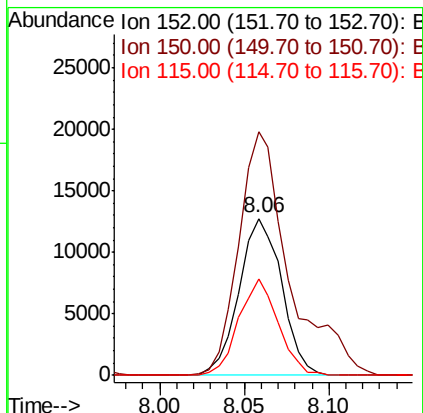
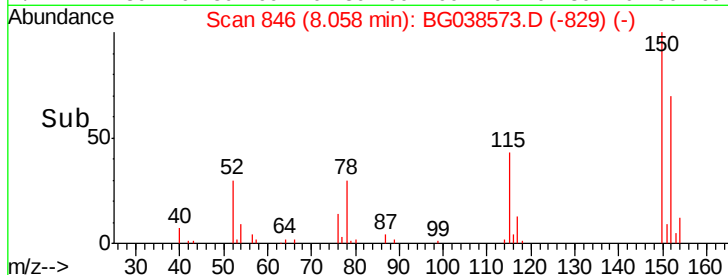
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.06 min Scan# 846  
Delta R.T. -0.00 min  
Lab File: BG038573.D  
Acq: 14 Dec 2018 18:28

Instrument :  
BNA\_G  
ClientSampleId :  
PB115343BS

Tgt Ion:152 Resp: 22301  
Ion Ratio Lower Upper  
152 100  
150 155.5 119.5 179.3  
115 61.5 49.6 74.4



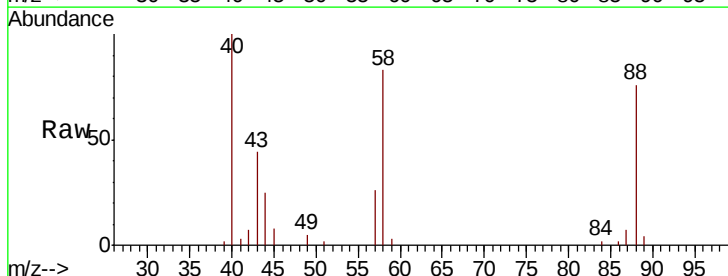
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



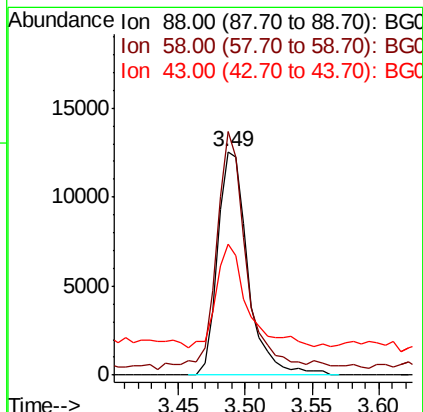
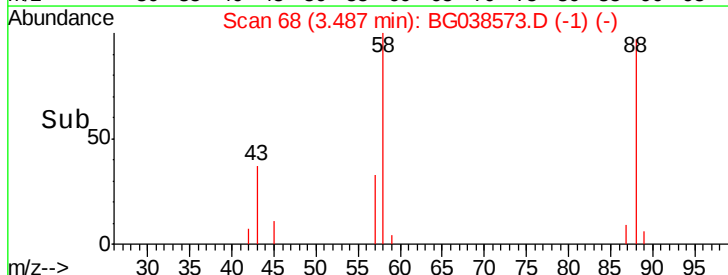
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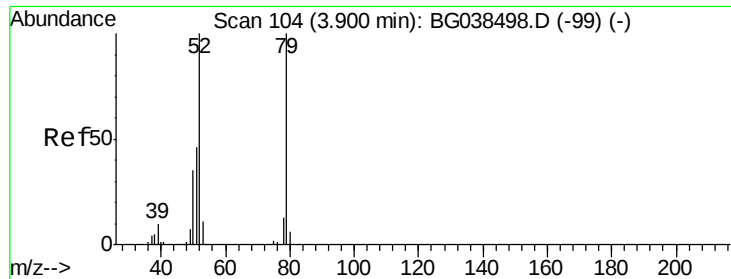
1,4-Dioxane  
Concen: 34.186 ng  
RT: 3.49 min Scan# 68  
Delta R.T. -0.01 min  
Lab File: BG038573.D  
Acq: 14 Dec 2018 18:28

Tgt Ion: 88 Resp: 20005  
Ion Ratio Lower Upper  
88 100  
58 104.4 75.7 113.5  
43 47.9 31.6 47.4#



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





#3

Pyridine

Concen: 33.367 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Instrument :

BNA\_G

ClientSampleId :

PB115343BS

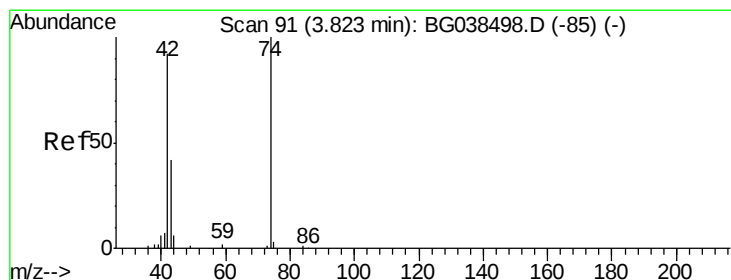
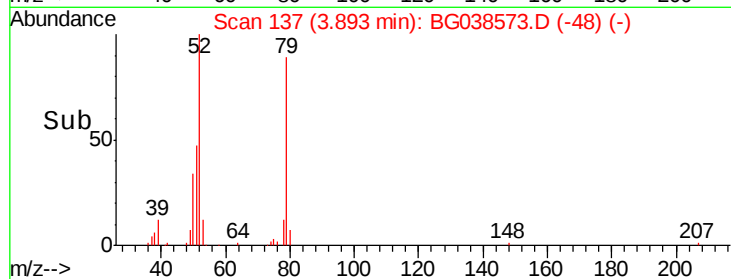
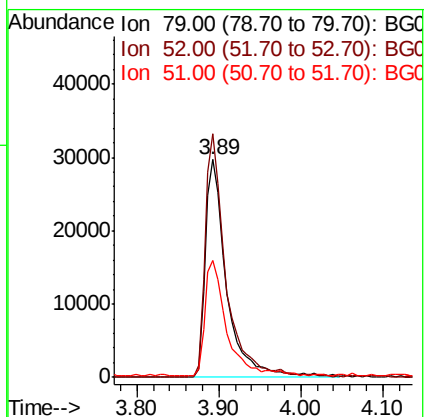
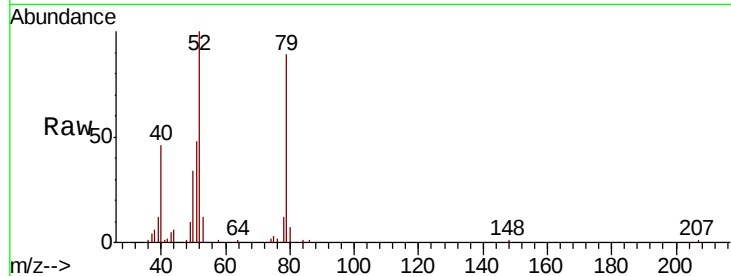
Tgt Ion: 79 Resp: 53759

Ion Ratio Lower Upper

79 100

52 111.9 80.2 120.2

51 53.8 38.0 57.0



#4

n-Nitrosodimethylamine

Concen: 46.636 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

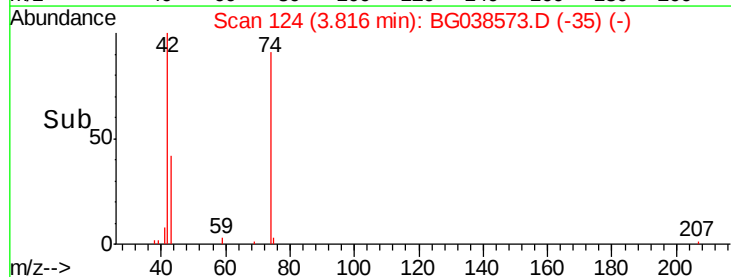
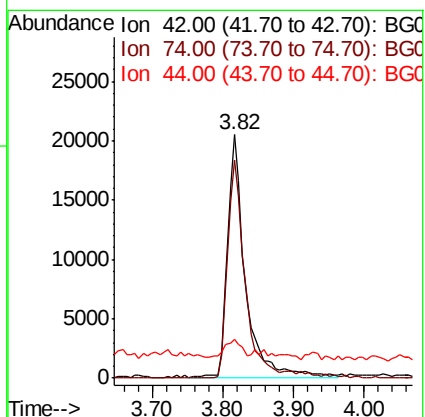
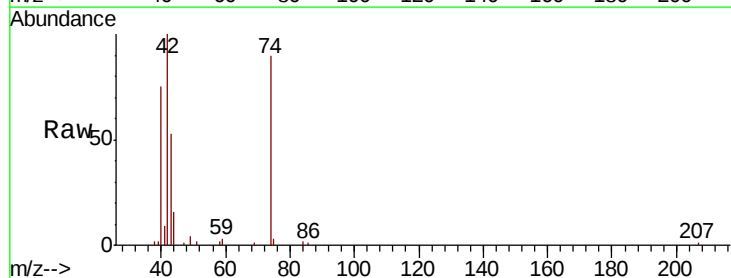
Tgt Ion: 42 Resp: 36816

Ion Ratio Lower Upper

42 100

74 89.7 86.7 130.1

44 16.0 7.8 11.8#





#5

2-Fluorophenol

Concen: 119.557 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Instrument :

BNA\_G

ClientSampleId :

PB115343BS

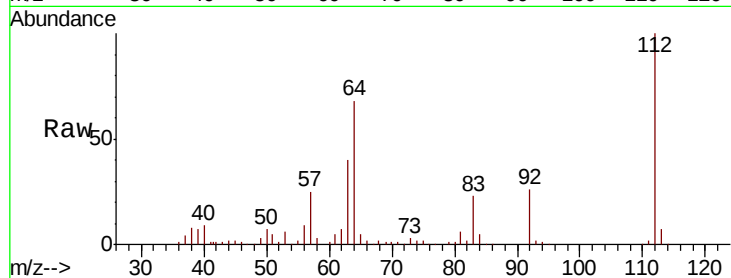
Tgt Ion: 112 Resp: 150325

Ion Ratio Lower Upper

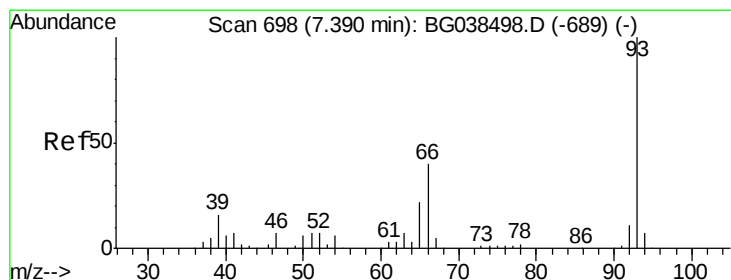
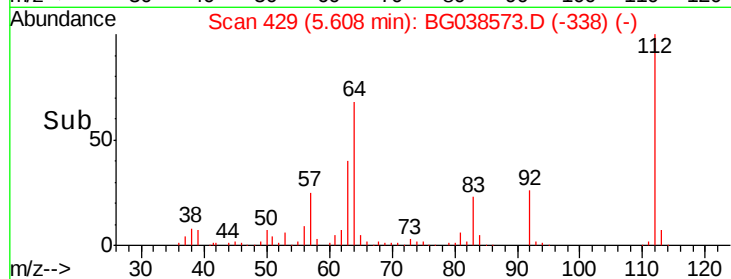
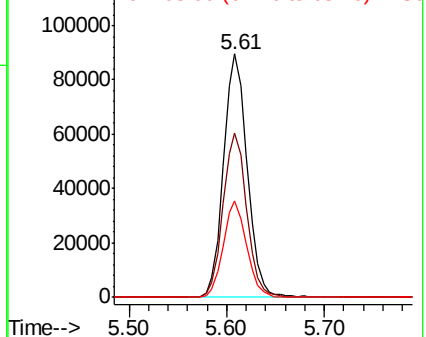
112 100

64 67.6 53.4 80.2

63 39.8 29.3 43.9



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



#6

Aniline

Concen: 33.079 ng

RT: 7.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

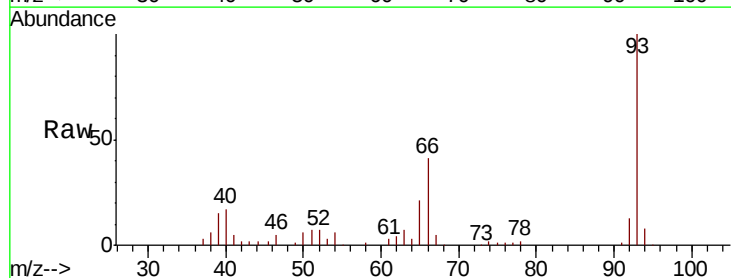
Tgt Ion: 93 Resp: 72888

Ion Ratio Lower Upper

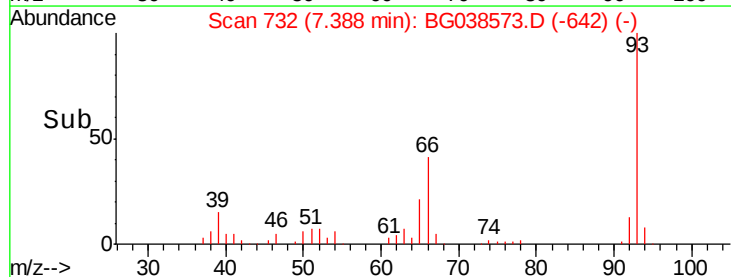
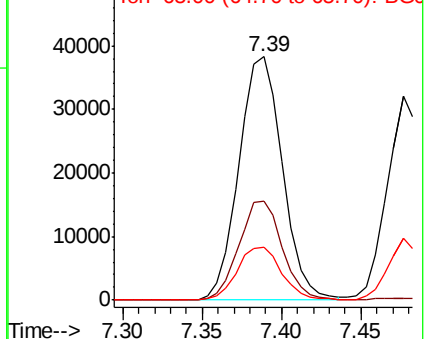
93 100

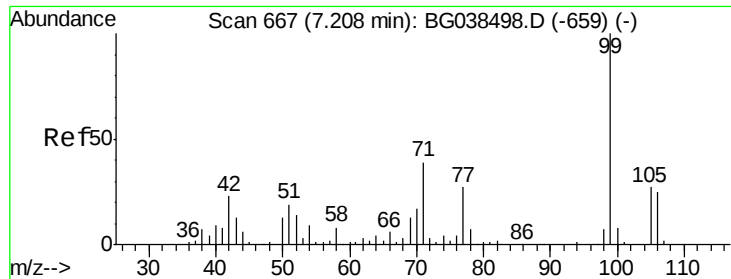
66 40.7 31.7 47.5

65 21.5 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: 114.983 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Instrument :

BNA\_G

ClientSampled :

PB115343BS

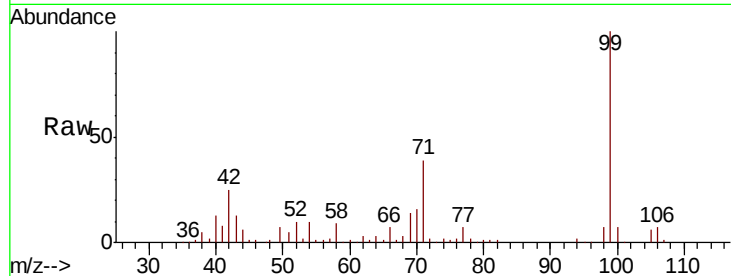
Tgt Ion: 99 Resp: 198472

Ion Ratio Lower Upper

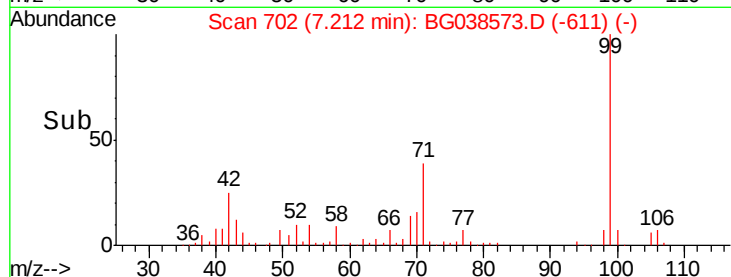
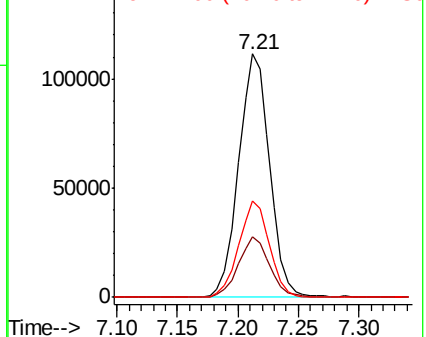
99 100

42 24.6 18.5 27.7

71 39.4 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: 42.488 ng

RT: 7.62 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

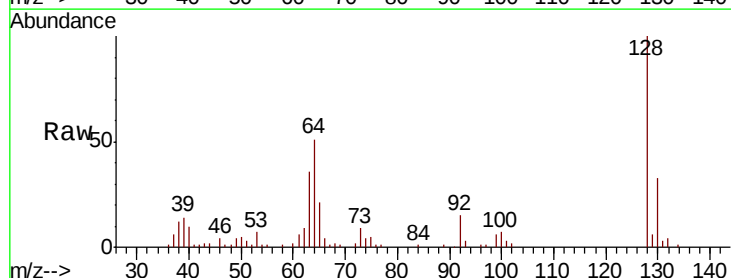
Tgt Ion: 128 Resp: 61822

Ion Ratio Lower Upper

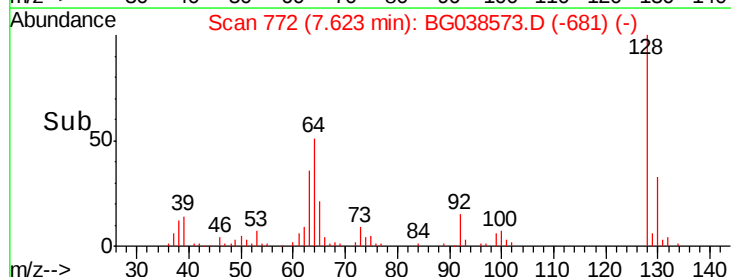
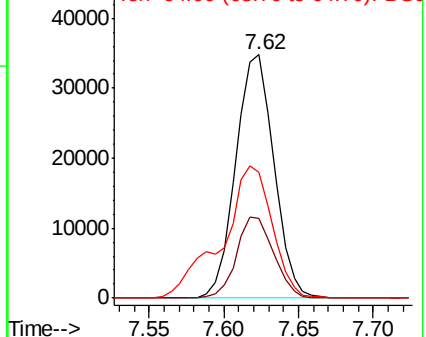
128 100

130 32.6 11.8 51.8

64 51.5 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: 19.038 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Instrument :

BNA\_G

ClientSampleId :

PB115343BS

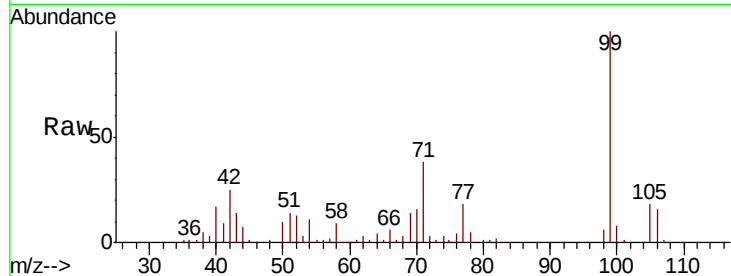
Tgt Ion: 77 Resp: 21318

Ion Ratio Lower Upper

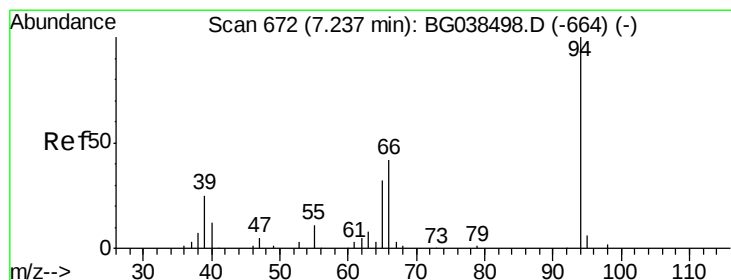
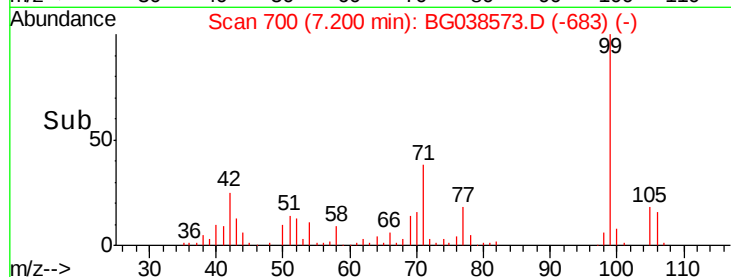
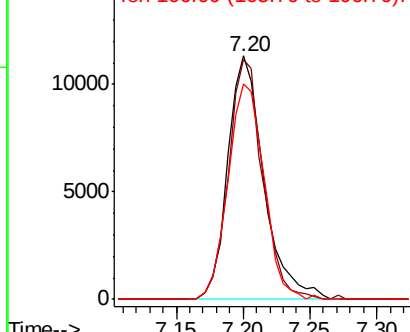
77 100

105 98.7 74.0 114.0

106 88.4 73.9 113.9



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



#10

Phenol

Concen: 42.929 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

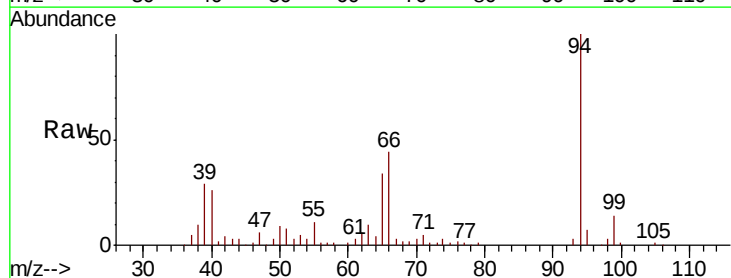
Tgt Ion: 94 Resp: 78724

Ion Ratio Lower Upper

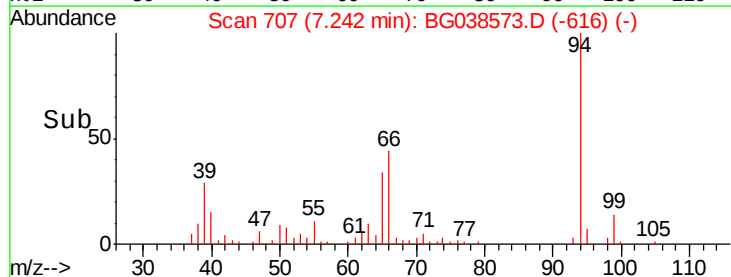
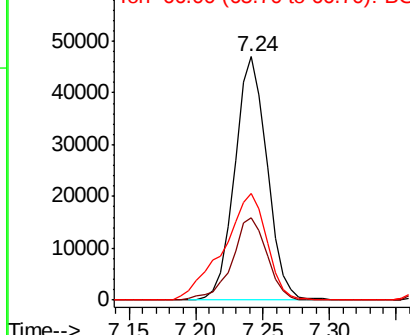
94 100

65 33.9 12.6 52.6

66 43.9 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

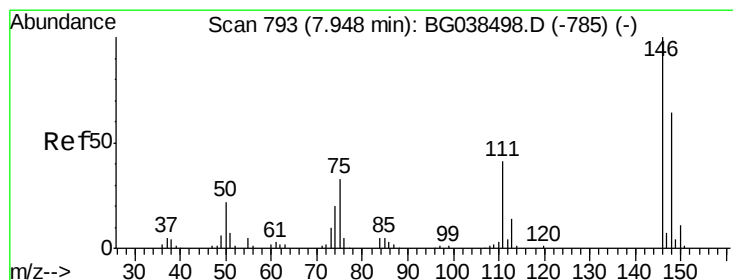
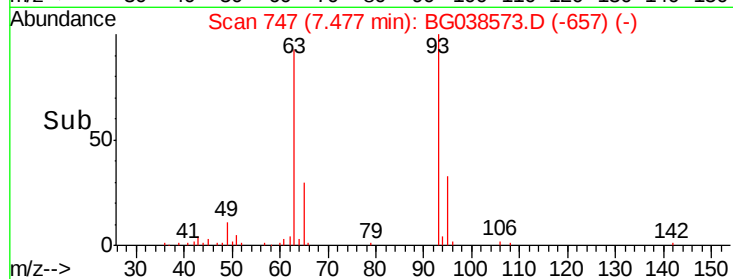
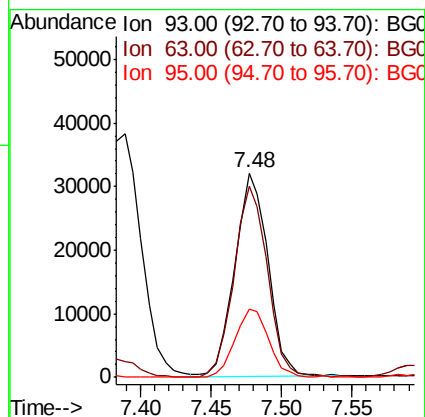
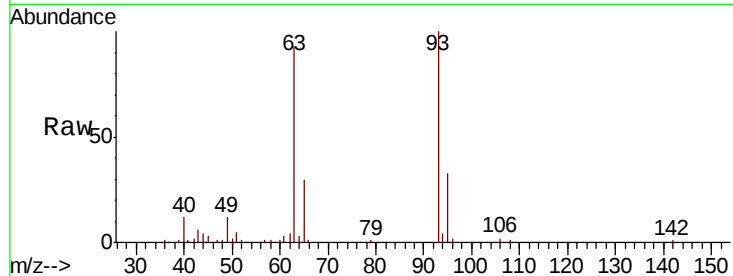




#11  
bis(2-Chloroethyl)ether  
Concen: 36.098 ng  
RT: 7.48 min Scan# 747  
Delta R.T. -0.00 min  
Lab File: BG038573.D  
Acq: 14 Dec 2018 18:28

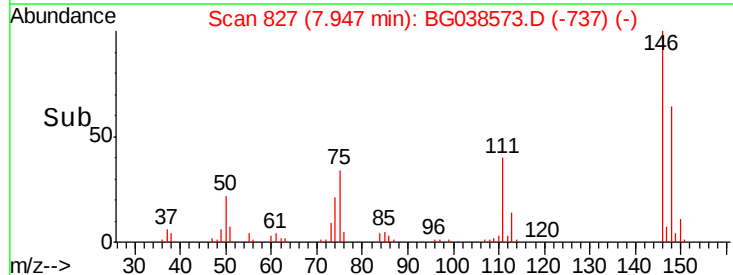
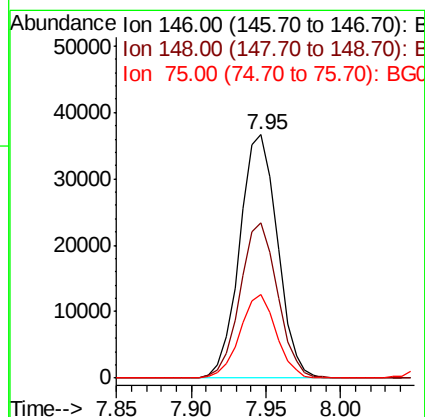
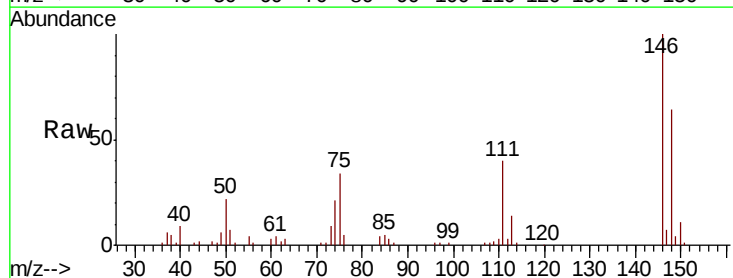
Instrument :  
BNA\_G  
ClientSampleId :  
PB115343BS

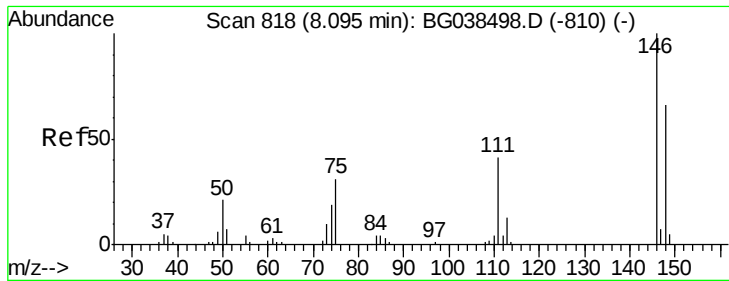
Tgt Ion: 93 Resp: 52704  
Ion Ratio Lower Upper  
93 100  
63 93.4 72.2 112.2  
95 33.4 11.2 51.2



#12  
1,3-Dichlorobenzene  
Concen: 37.365 ng  
RT: 7.95 min Scan# 827  
Delta R.T. -0.00 min  
Lab File: BG038573.D  
Acq: 14 Dec 2018 18:28

Tgt Ion: 146 Resp: 64283  
Ion Ratio Lower Upper  
146 100  
148 64.0 51.4 77.0  
75 34.2 26.1 39.1

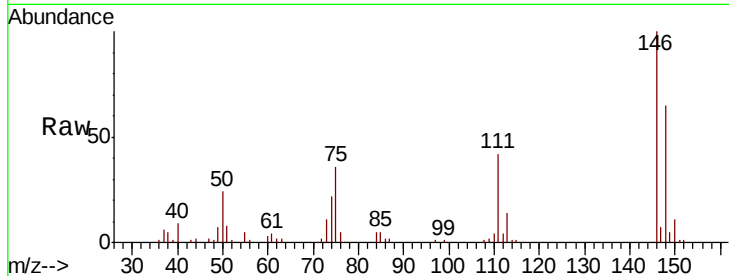




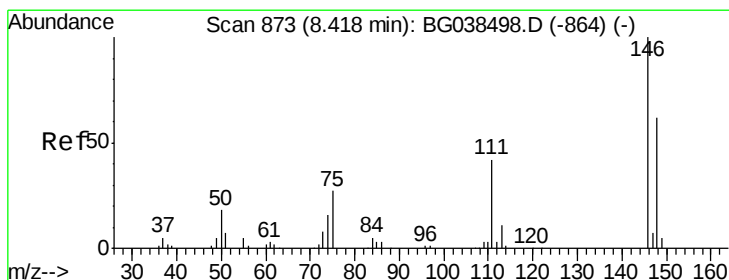
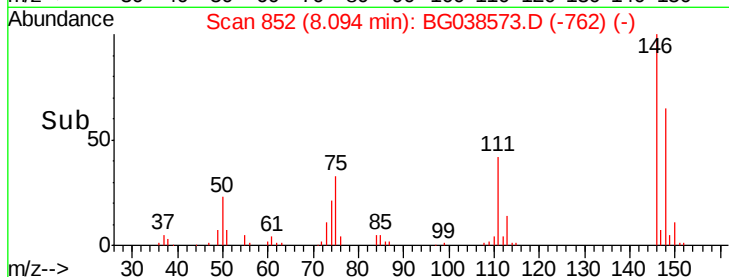
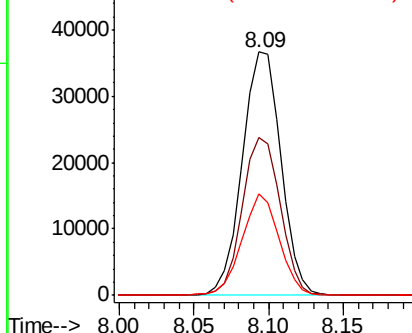
#13  
 1,4-Dichlorobenzene  
 Concen: 37.347 ng  
 RT: 8.09 min Scan# 852  
 Delta R.T. -0.00 min  
 Lab File: BG038573.D  
 Acq: 14 Dec 2018 18:28

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB115343BS

Tgt Ion:146 Resp: 65805  
 Ion Ratio Lower Upper  
 146 100  
 148 64.7 52.4 78.6  
 111 41.7 33.0 49.4

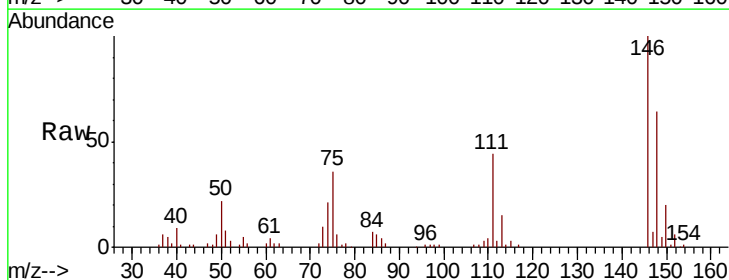


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

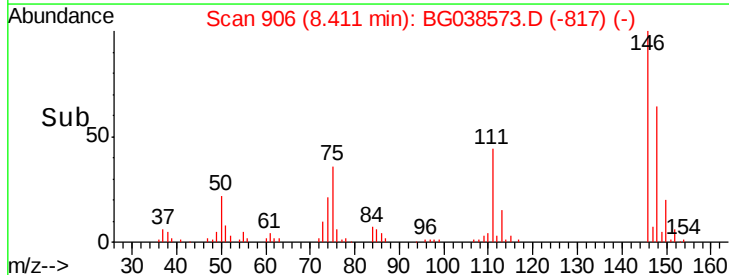
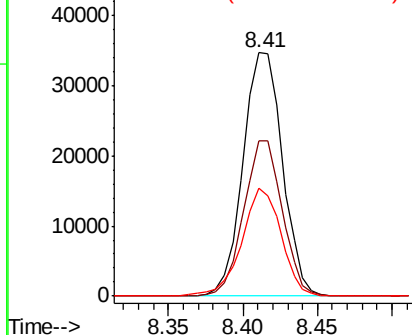


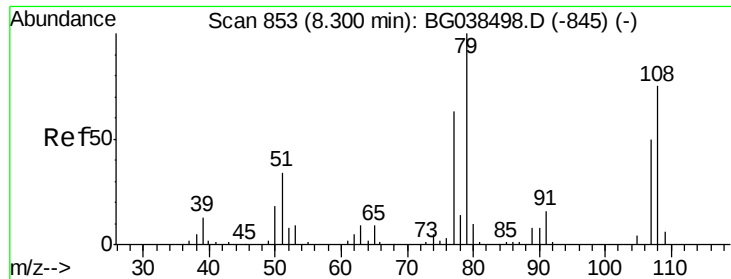
#14  
 1,2-Dichlorobenzene  
 Concen: 38.216 ng  
 RT: 8.41 min Scan# 906  
 Delta R.T. -0.01 min  
 Lab File: BG038573.D  
 Acq: 14 Dec 2018 18:28

Tgt Ion:146 Resp: 63481  
 Ion Ratio Lower Upper  
 146 100  
 148 64.0 49.4 74.0  
 111 44.1 33.8 50.6



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

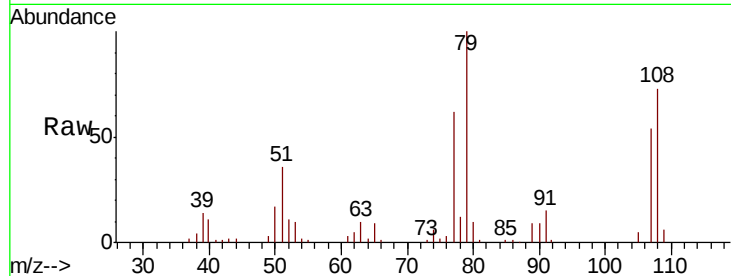




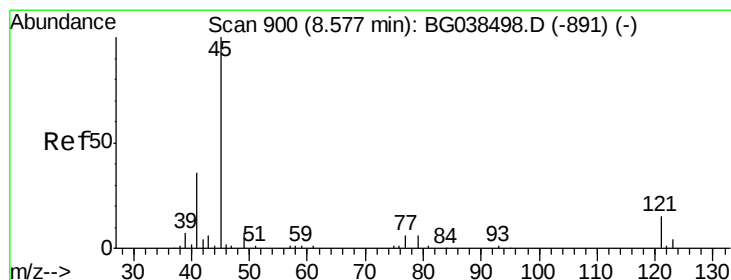
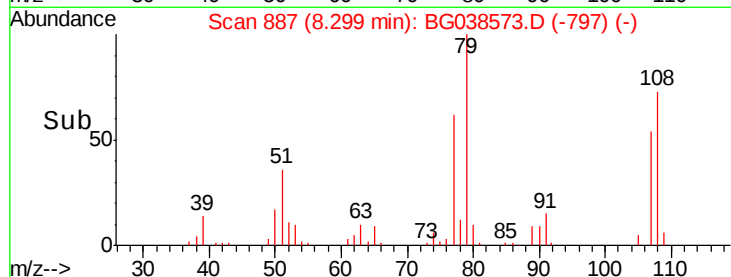
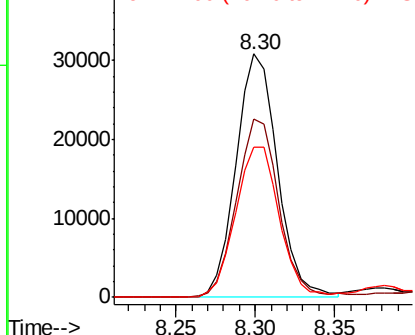
#15  
Benzyl Alcohol  
Concen: 41.507 ng  
RT: 8.30 min Scan# 887  
Delta R.T. -0.00 min  
Lab File: BG038573.D  
Acq: 14 Dec 2018 18:28

Instrument :  
BNA\_G  
ClientSampleId :  
PB115343BS

Tgt Ion: 79 Resp: 55922  
Ion Ratio Lower Upper  
79 100  
108 73.4 60.2 90.4  
77 61.7 50.7 76.1

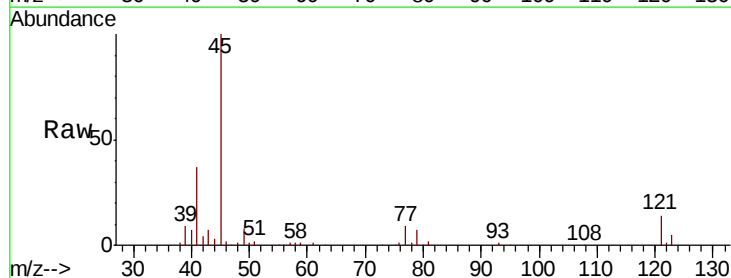


Abundance Ion 79.00 (78.70 to 79.70): BGC  
Ion 108.00 (107.70 to 108.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC

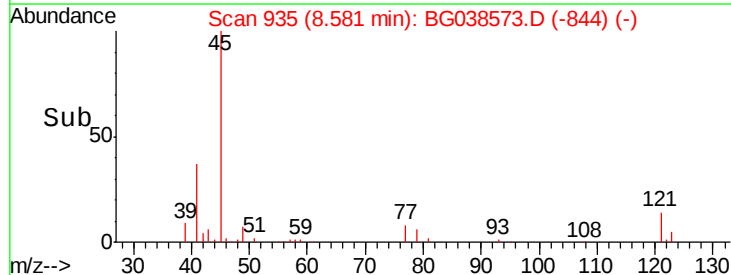
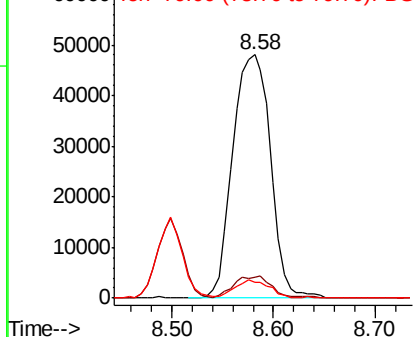


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.115 ng  
RT: 8.58 min Scan# 935  
Delta R.T. 0.00 min  
Lab File: BG038573.D  
Acq: 14 Dec 2018 18:28

Tgt Ion: 45 Resp: 124130  
Ion Ratio Lower Upper  
45 100  
77 8.6 0.0 28.2  
79 6.5 0.0 27.2



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

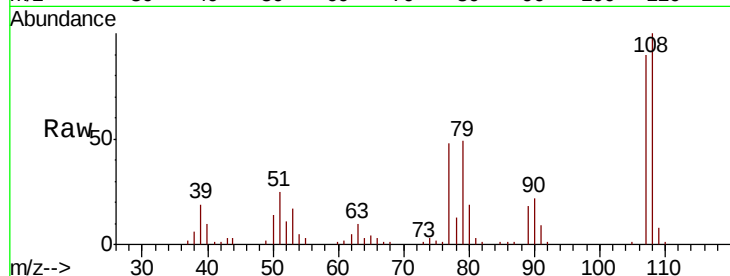




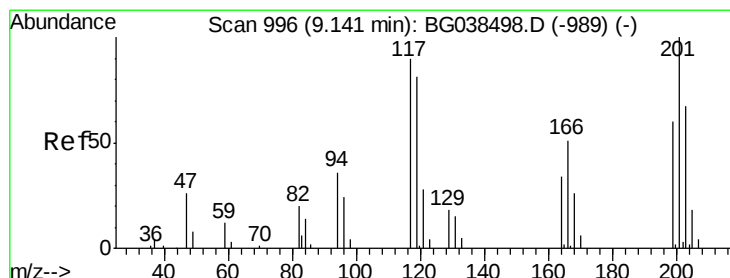
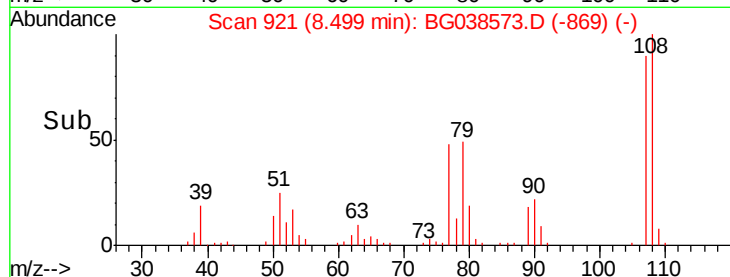
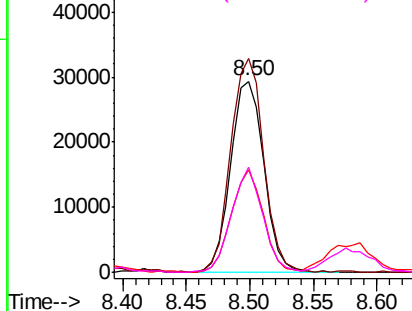
#17  
2-Methylphenol  
Concen: 43.413 ng  
RT: 8.50 min Scan# 921  
Delta R.T. 0.00 min  
Lab File: BG038573.D  
Acq: 14 Dec 2018 18:28

Instrument :  
BNA\_G  
ClientSampleId :  
PB115343BS

Tgt Ion:107 Resp: 53338  
Ion Ratio Lower Upper  
107 100  
108 111.7 87.1 130.7  
77 53.4 42.0 63.0  
79 54.9 38.2 57.2

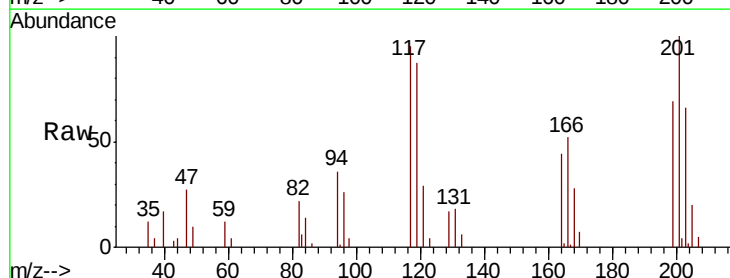


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

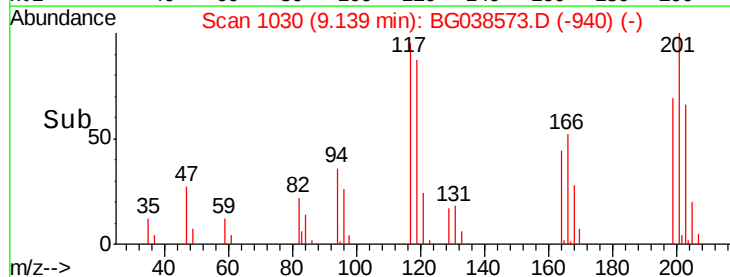
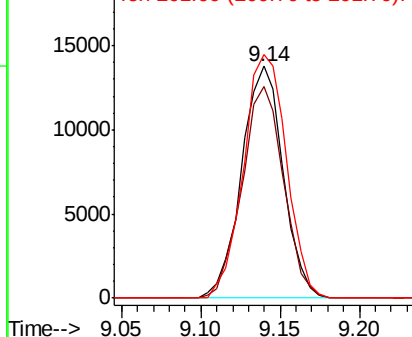


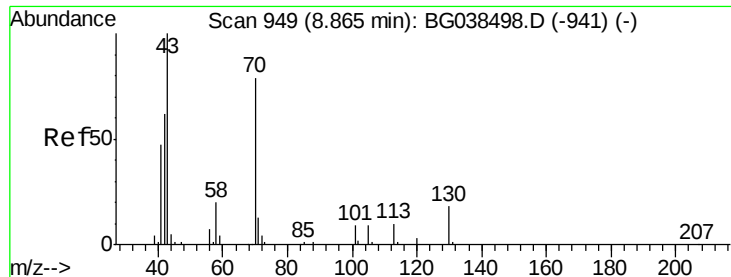
#18  
Hexachloroethane  
Concen: 38.805 ng  
RT: 9.14 min Scan# 1030  
Delta R.T. -0.00 min  
Lab File: BG038573.D  
Acq: 14 Dec 2018 18:28

Tgt Ion:117 Resp: 24985  
Ion Ratio Lower Upper  
117 100  
119 91.2 73.8 110.8  
201 109.2 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

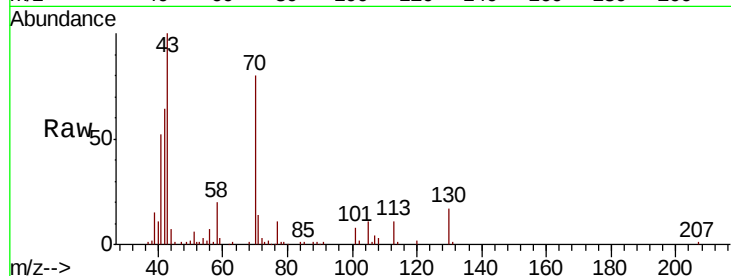




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.620 ng  
RT: 8.86 min Scan# 983  
Delta R.T. -0.00 min  
Lab File: BG038573.D  
Acq: 14 Dec 2018 18:28

Instrument :  
BNA\_G  
ClientSampleId :  
PB115343BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 45607 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 80.1  | 63.6  | 95.4  |
| 101      | 9.8   | 9.2   | 13.8  |
| 130      | 21.8  | 18.5  | 27.7  |



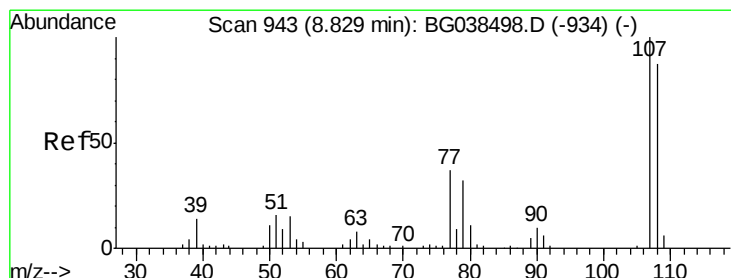
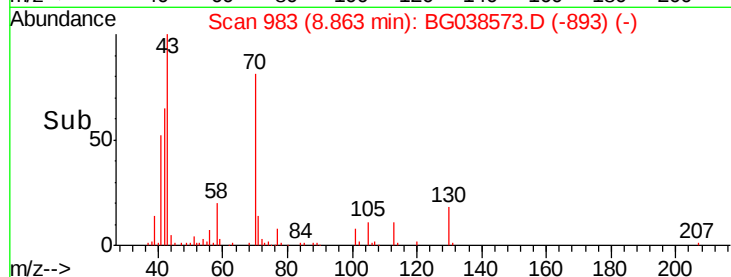
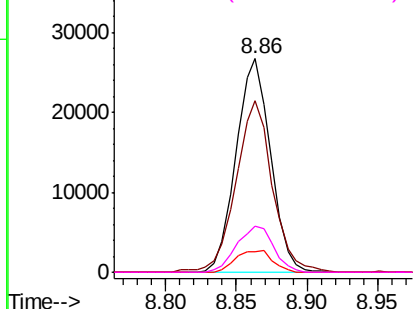
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

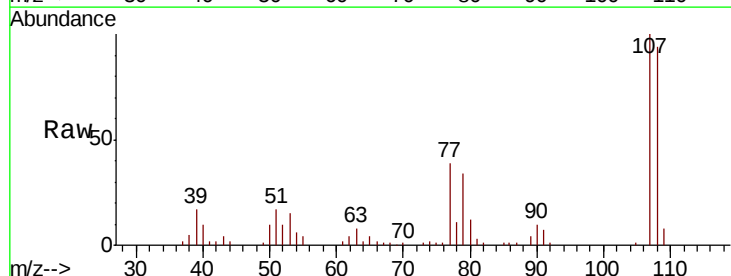
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20  
3+4-Methylphenols  
Concen: 42.181 ng  
RT: 8.83 min Scan# 977  
Delta R.T. -0.00 min  
Lab File: BG038573.D  
Acq: 14 Dec 2018 18:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 71573 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 93.9  | 66.7  | 106.7 |
| 77       | 38.8  | 17.3  | 57.3  |
| 79       | 33.8  | 12.3  | 52.3  |



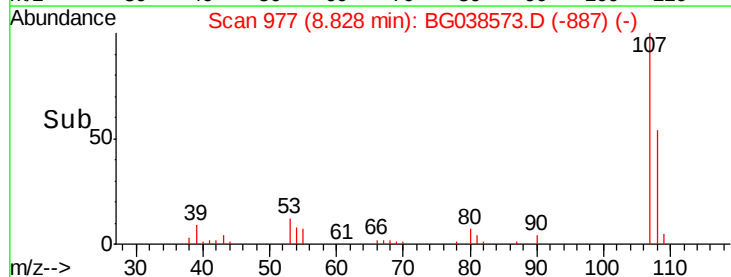
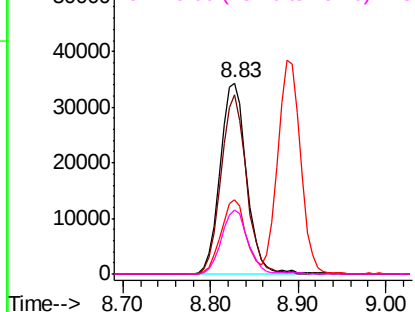
Abundance

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

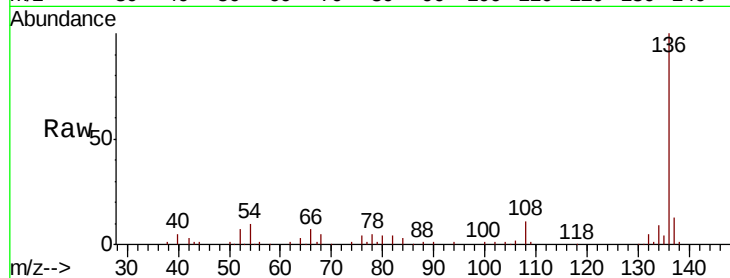




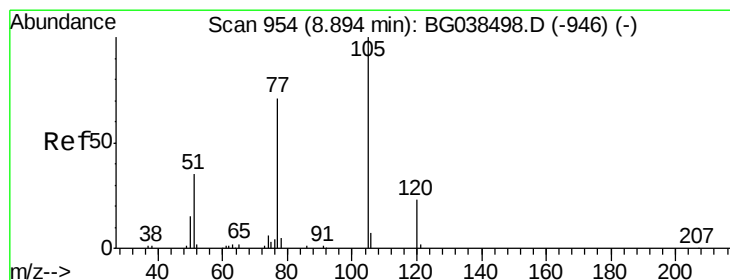
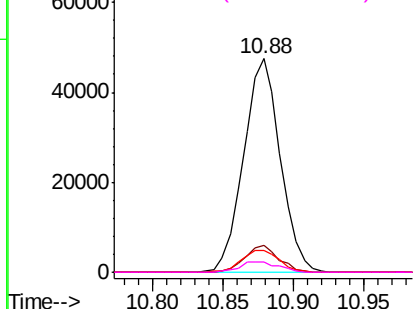
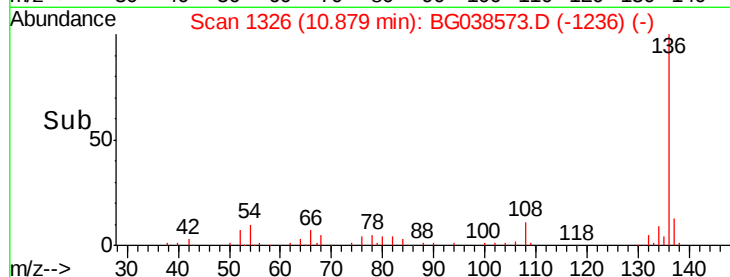
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.88 min Scan# 1326  
Delta R.T. -0.00 min  
Lab File: BG038573.D  
Acq: 14 Dec 2018 18:28

Instrument :  
BNA\_G  
ClientSampleId :  
PB115343BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 86228 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.5  | 9.3   | 13.9  |
| 54       | 10.4  | 8.5   | 12.7  |
| 68       | 5.1   | 3.5   | 5.3   |

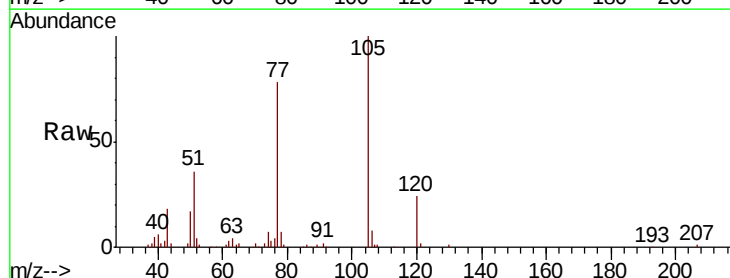


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

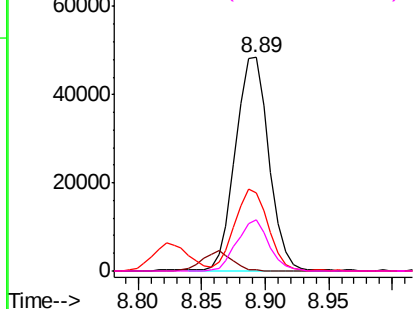
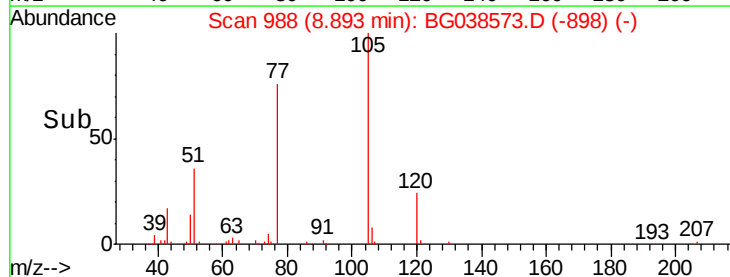


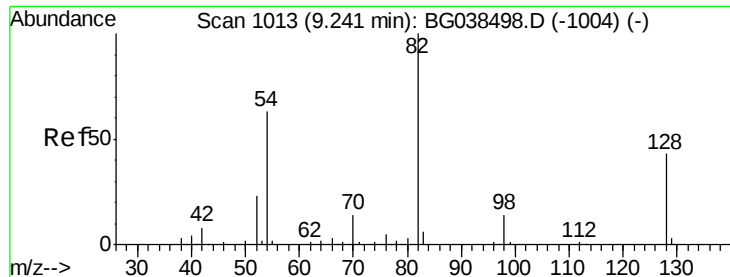
#22  
Acetophenone  
Concen: 41.330 ng  
RT: 8.89 min Scan# 988  
Delta R.T. -0.00 min  
Lab File: BG038573.D  
Acq: 14 Dec 2018 18:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 89016 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 71       | 0.3   | 0.4   | 0.6#  |
| 51       | 36.3  | 30.6  | 46.0  |
| 120      | 24.1  | 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

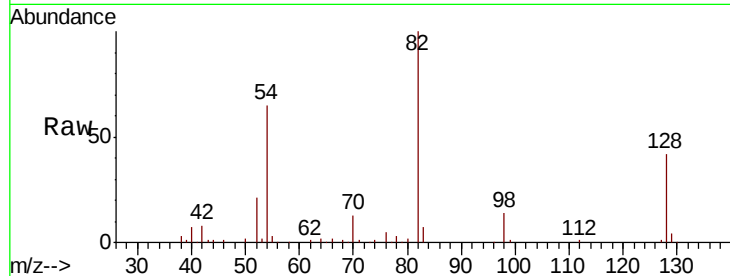




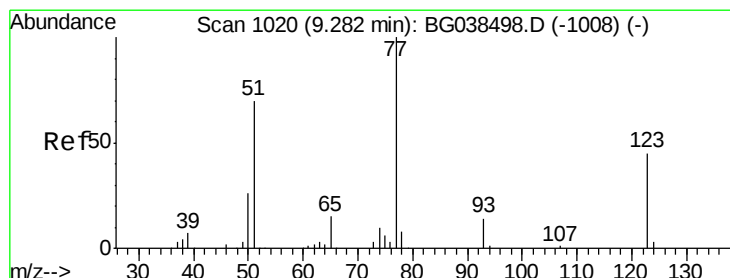
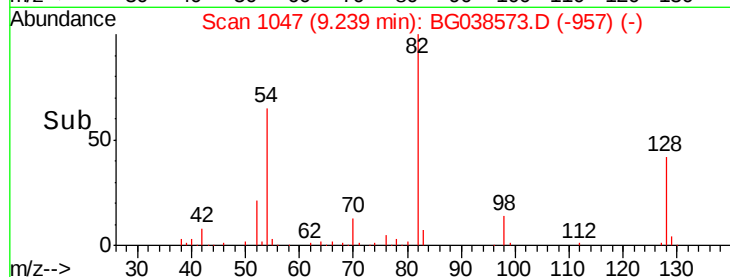
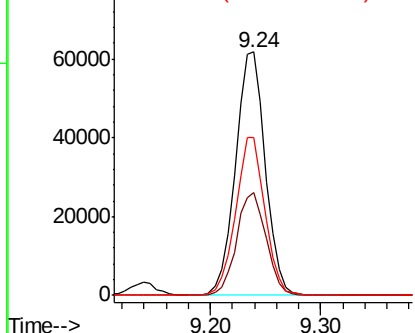
#23  
 Nitrobenzene-d5  
 Concen: 69.401 ng  
 RT: 9.24 min Scan# 1047  
 Delta R.T. -0.00 min  
 Lab File: BG038573.D  
 Acq: 14 Dec 2018 18:28

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB115343BS

Tgt Ion: 82 Resp: 117139  
 Ion Ratio Lower Upper  
 82 100  
 128 42.4 34.6 52.0  
 54 64.7 50.6 76.0

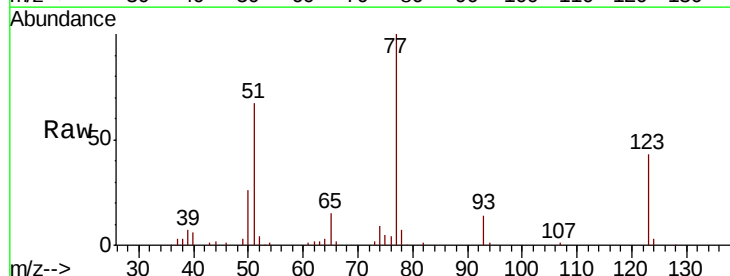


Abundance Ion 82.00 (81.70 to 82.70): BGC  
 Ion 128.00 (127.70 to 128.70): BGC  
 Ion 54.00 (53.70 to 54.70): BGC

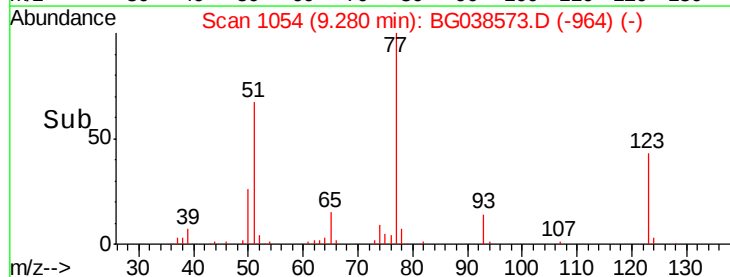
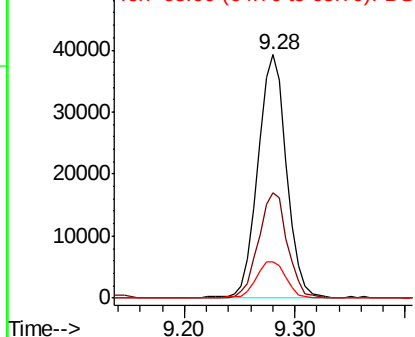


#24  
 Nitrobenzene  
 Concen: 41.890 ng  
 RT: 9.28 min Scan# 1054  
 Delta R.T. -0.00 min  
 Lab File: BG038573.D  
 Acq: 14 Dec 2018 18:28

Tgt Ion: 77 Resp: 71527  
 Ion Ratio Lower Upper  
 77 100  
 123 43.3 35.9 53.9  
 65 14.8 12.0 18.0



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





#25

Isophorone

Concen: 41.525 ng

RT: 9.79 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Instrument :

BNA\_G

ClientSampleId :

PB115343BS

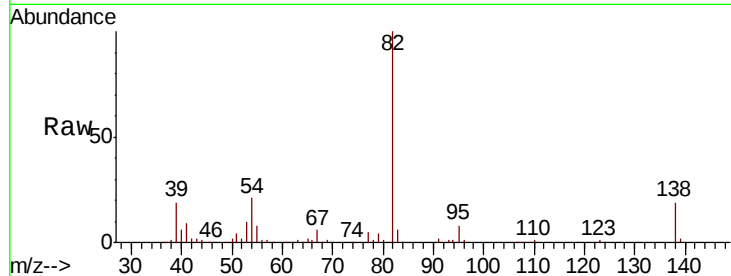
Tgt Ion: 82 Resp: 125927

Ion Ratio Lower Upper

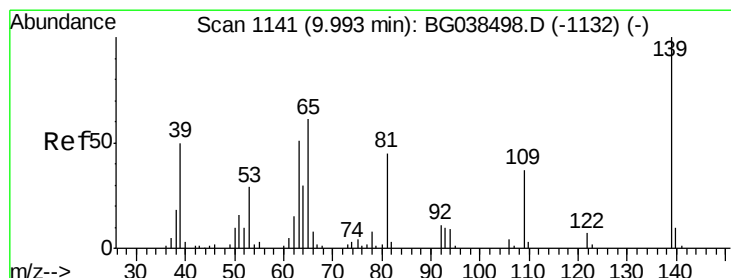
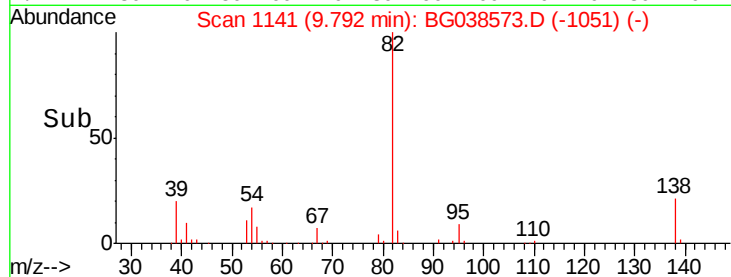
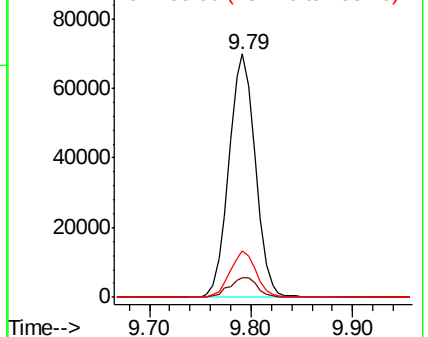
82 100

95 8.2 6.1 9.1

138 19.1 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: 39.583 ng

RT: 9.99 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

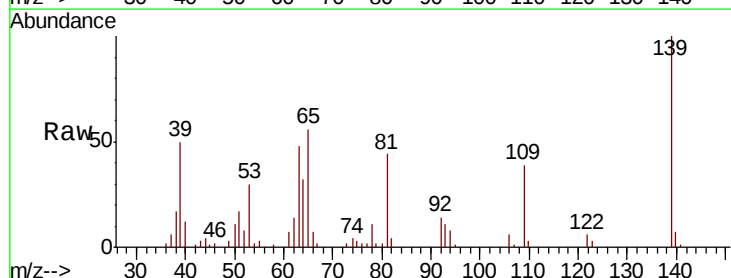
Tgt Ion: 139 Resp: 34593

Ion Ratio Lower Upper

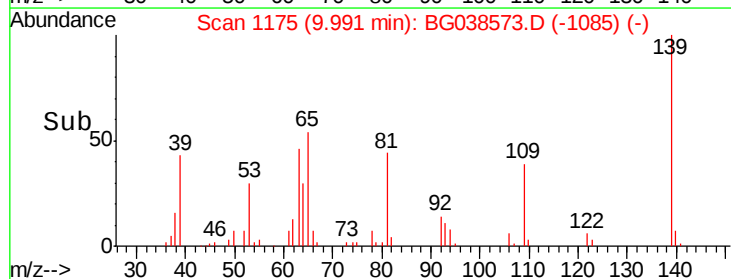
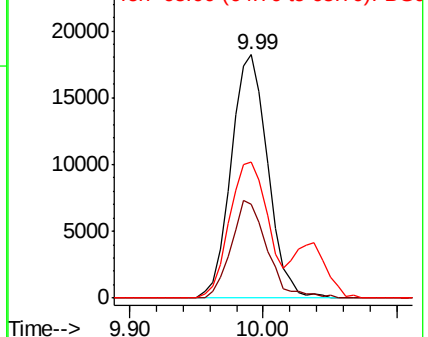
139 100

109 38.8 29.5 44.3

65 55.7 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

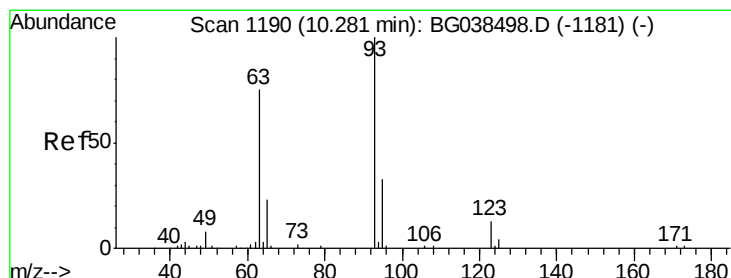
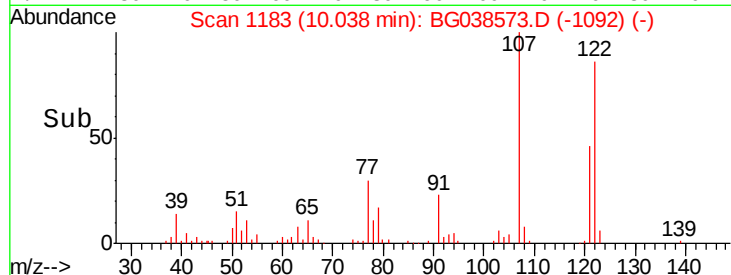
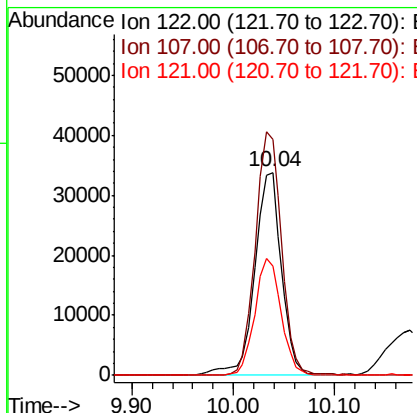
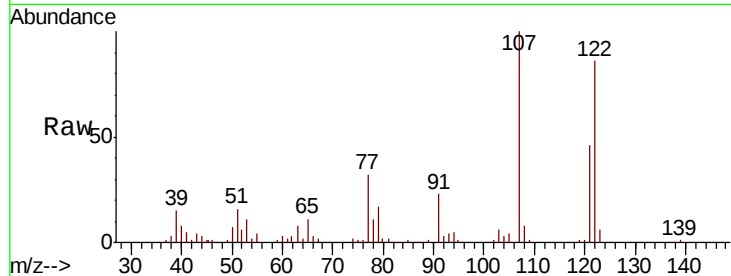




#27  
 2,4-Dimethylphenol  
 Concen: 49.664 ng  
 RT: 10.04 min Scan# 1183  
 Delta R.T. 0.00 min  
 Lab File: BG038573.D  
 Acq: 14 Dec 2018 18:28

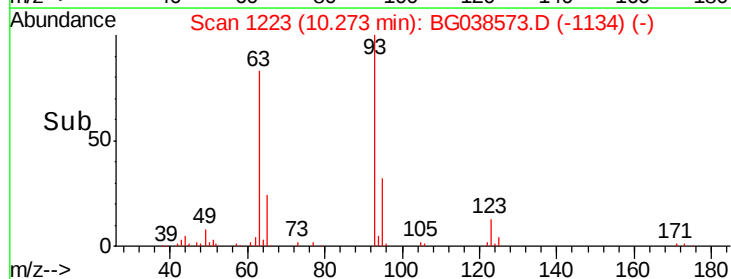
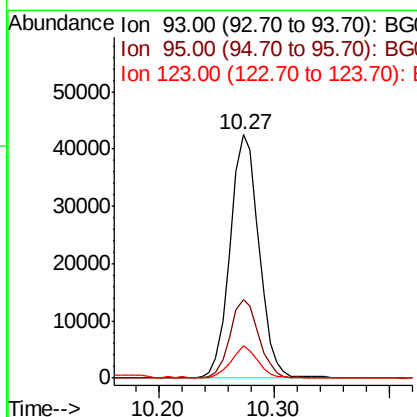
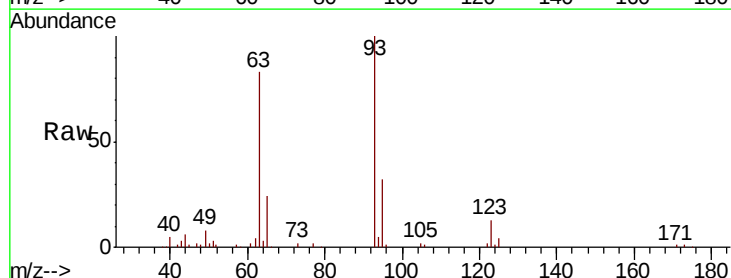
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB115343BS

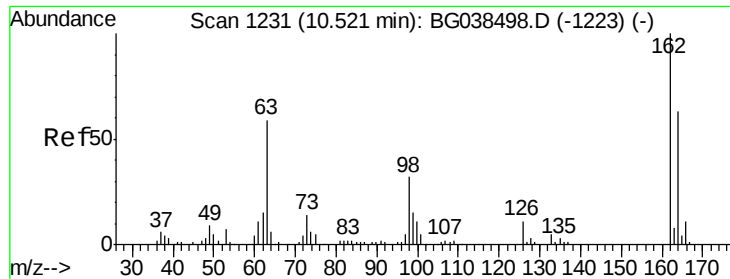
Tgt Ion: 122 Resp: 62203  
 Ion Ratio Lower Upper  
 122 100  
 107 116.7 98.4 147.6  
 121 54.2 47.2 70.8



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 42.959 ng  
 RT: 10.27 min Scan# 1223  
 Delta R.T. -0.01 min  
 Lab File: BG038573.D  
 Acq: 14 Dec 2018 18:28

Tgt Ion: 93 Resp: 73520  
 Ion Ratio Lower Upper  
 93 100  
 95 32.5 26.6 40.0  
 123 13.4 10.6 16.0

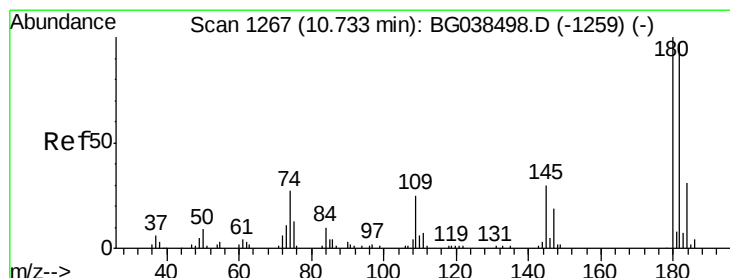
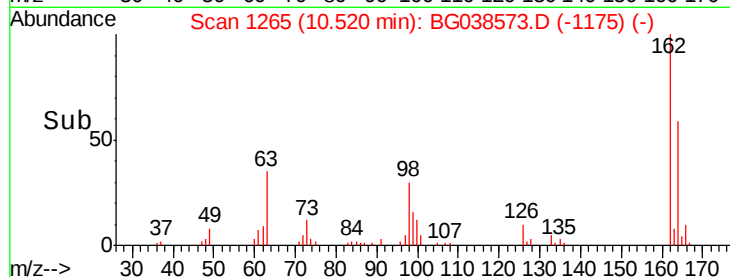
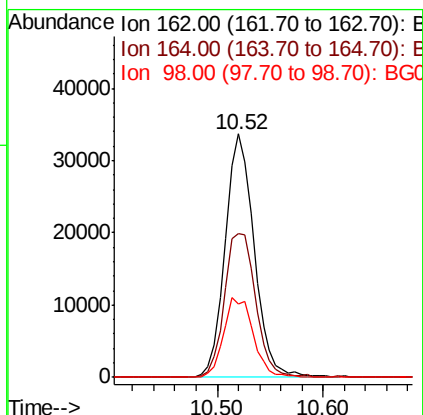
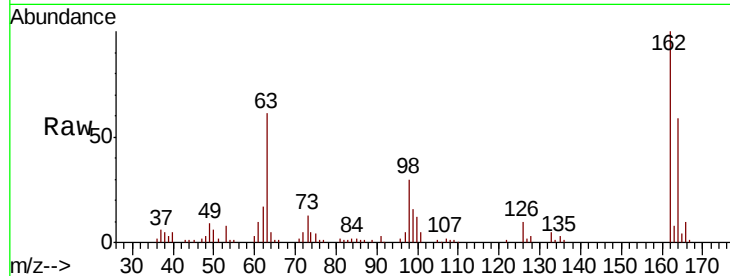




#29  
 2,4-Dichlorophenol  
 Concen: 45.897 ng  
 RT: 10.52 min Scan# 1265  
 Delta R.T. -0.00 min  
 Lab File: BG038573.D  
 Acq: 14 Dec 2018 18:28

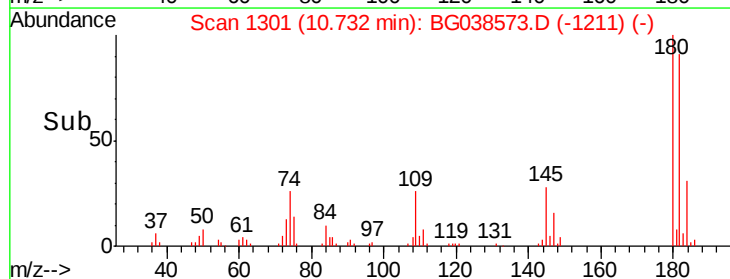
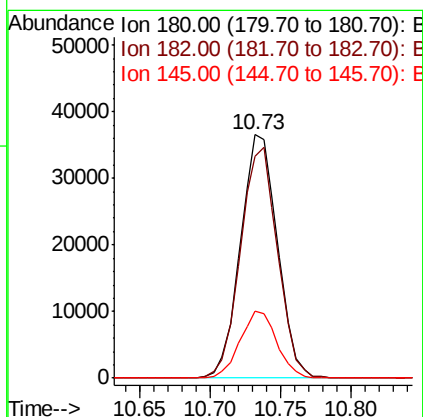
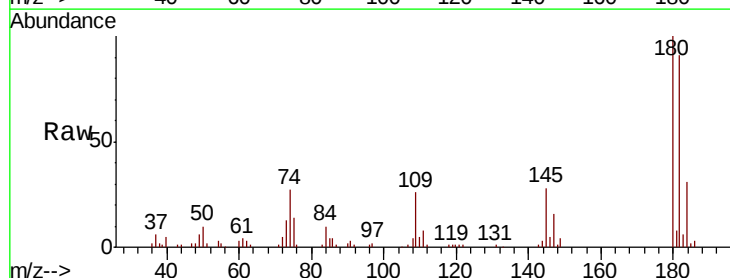
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB115343BS

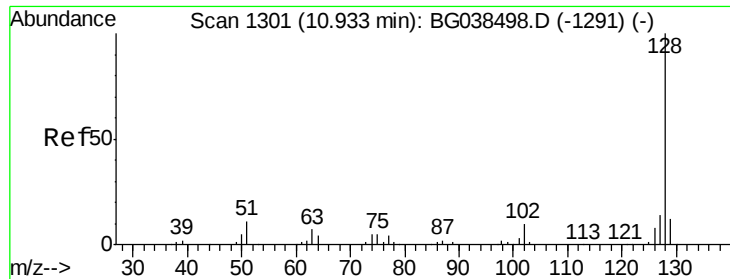
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 59.0  | 42.9  | 82.9  |
| 98      | 30.3  | 12.1  | 52.1  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.709 ng  
 RT: 10.73 min Scan# 1301  
 Delta R.T. -0.00 min  
 Lab File: BG038573.D  
 Acq: 14 Dec 2018 18:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 91.2  | 77.4  | 116.0 |
| 145     | 27.7  | 24.1  | 36.1  |





#31

Naphthalene

Concen: 43.447 ng

RT: 10.93 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Instrument :

BNA\_G

ClientSampleId :

PB115343BS

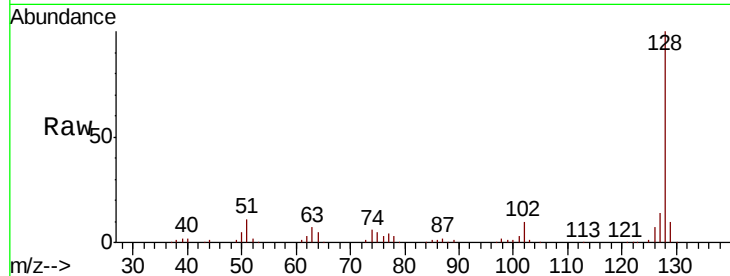
Tgt Ion:128 Resp: 184586

Ion Ratio Lower Upper

128 100

129 10.4 9.5 14.3

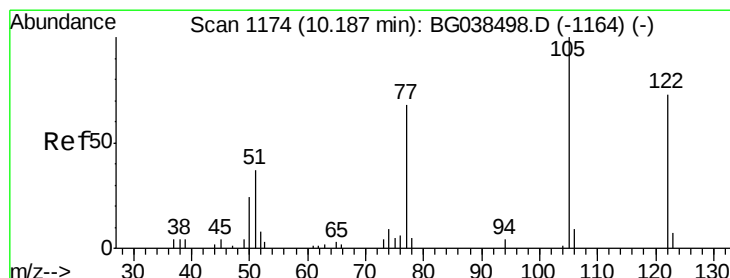
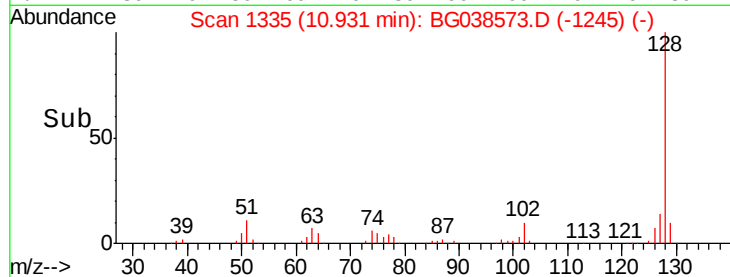
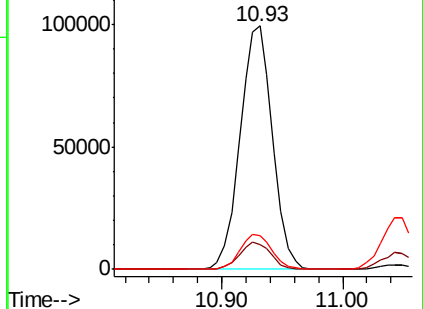
127 14.0 10.9 16.3



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: 34.274 ng

RT: 10.17 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

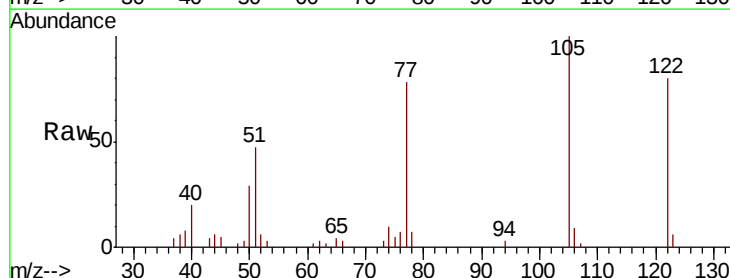
Tgt Ion:122 Resp: 24333

Ion Ratio Lower Upper

122 100

105 125.1 116.7 156.7

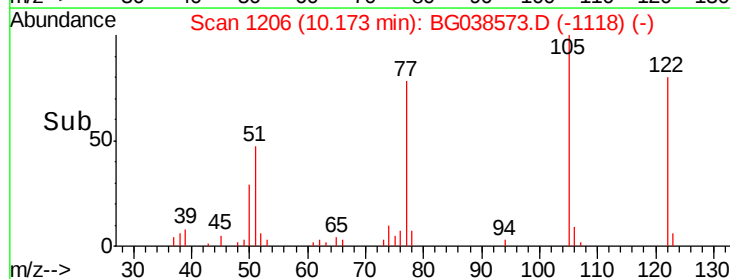
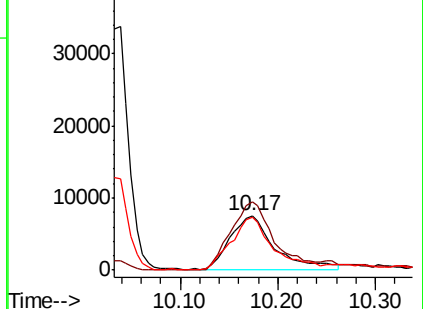
77 98.0 72.5 112.5



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): BG

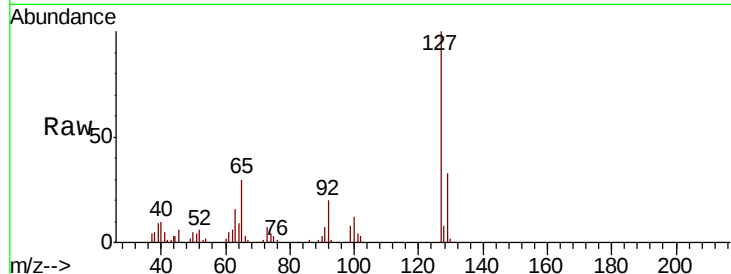




#33  
4-Chloroaniline  
Concen: 22.905 ng  
RT: 11.04 min Scan# 1354  
Delta R.T. -0.00 min  
Lab File: BG038573.D  
Acq: 14 Dec 2018 18:28

Instrument :  
BNA\_G  
ClientSampleId :  
PB115343BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 42249 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 32.7  | 25.8  | 38.8  |
| 65       | 30.5  | 27.8  | 41.6  |
| 92       | 19.6  | 17.0  | 25.6  |



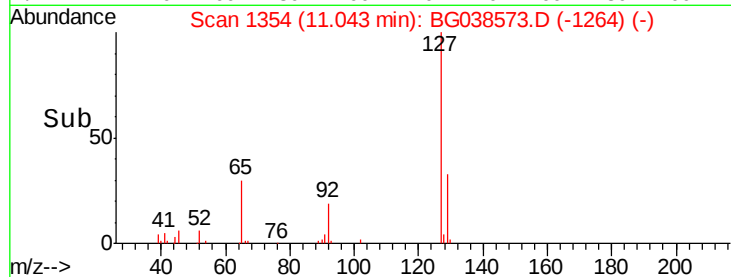
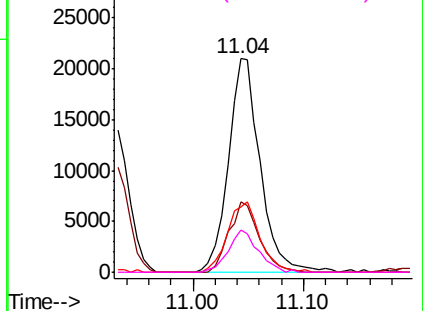
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

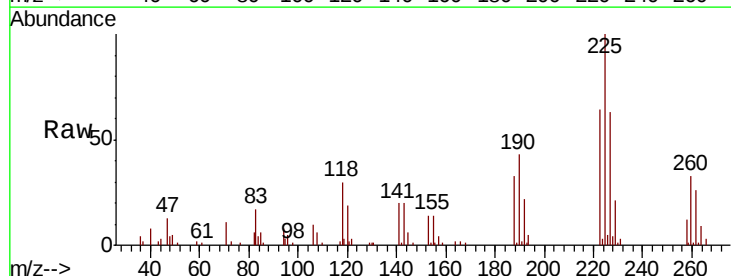
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34  
Hexachlorobutadiene  
Concen: 37.934 ng  
RT: 11.19 min Scan# 1379  
Delta R.T. -0.00 min  
Lab File: BG038573.D  
Acq: 14 Dec 2018 18:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 43201 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 60.8  | 45.0  | 67.6  |
| 227      | 63.7  | 50.6  | 75.8  |

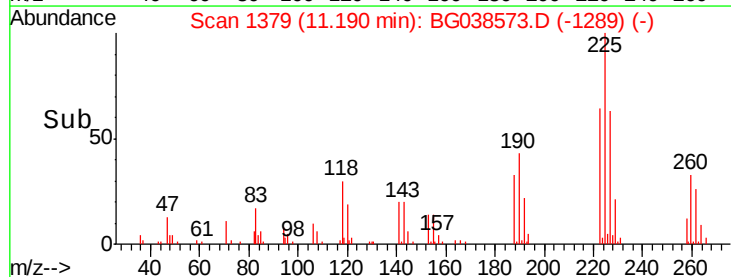
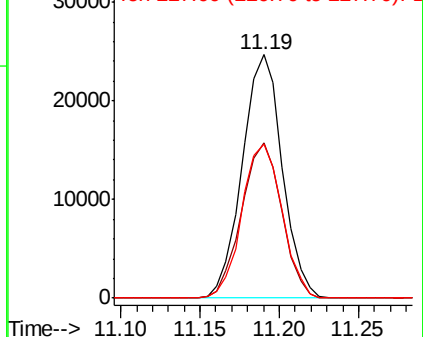


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.806 ng

RT: 11.82 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Instrument :

BNA\_G

ClientSampleId :

PB115343BS

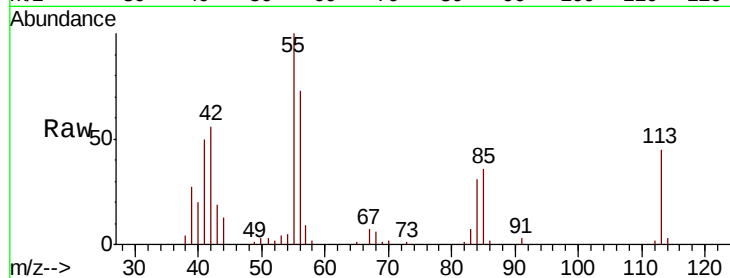
Tgt Ion:113 Resp: 21800

Ion Ratio Lower Upper

113 100

55 224.1 204.3 244.3

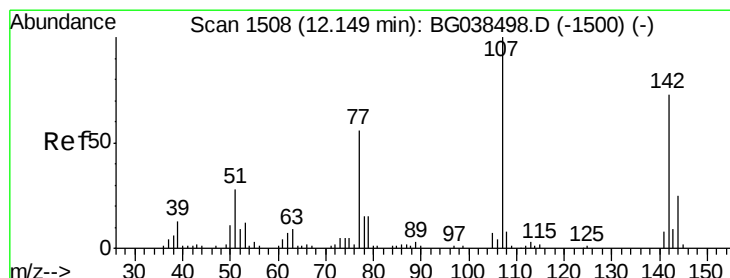
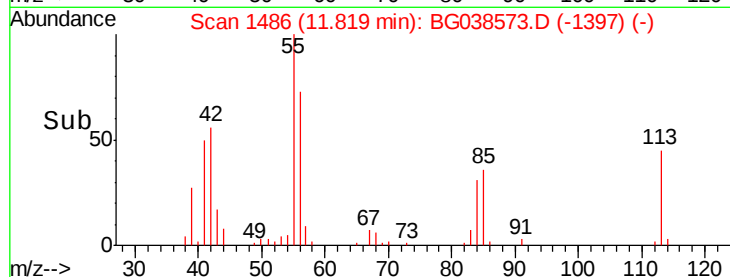
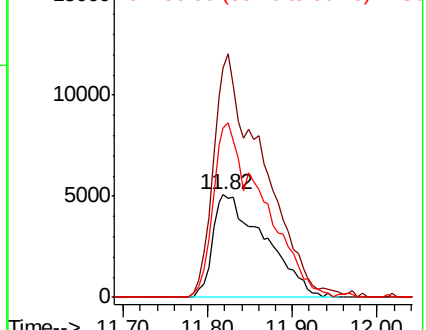
56 164.7 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG038498.D (-1445) (-)

Ion 56.00 (55.70 to 56.70): BG038498.D (-1445) (-)



#36

4-Chloro-3-methylphenol

Concen: 42.246 ng

RT: 12.15 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

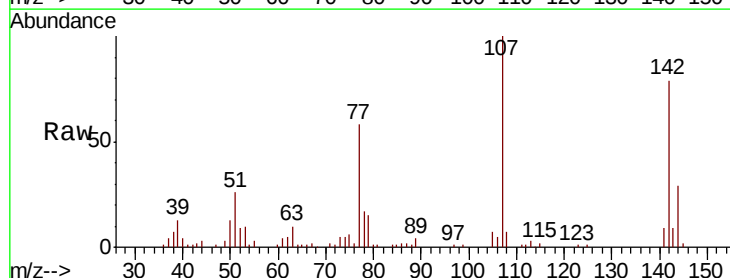
Tgt Ion:107 Resp: 67174

Ion Ratio Lower Upper

107 100

144 29.1 20.1 30.1

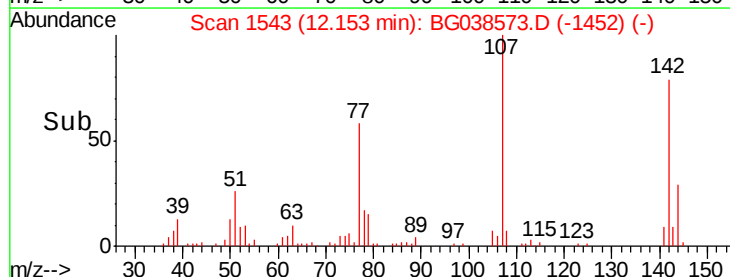
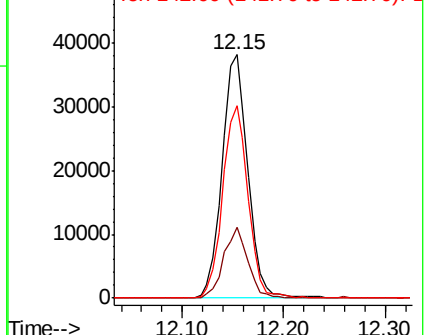
142 78.9 58.7 88.1

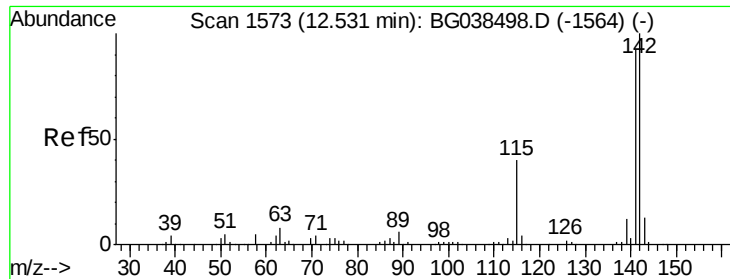


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

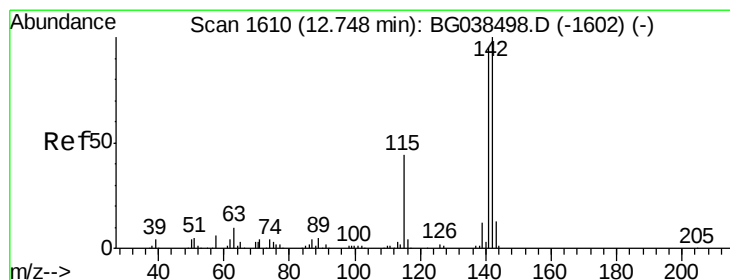
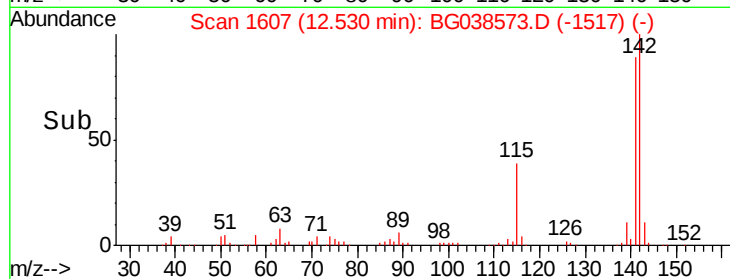
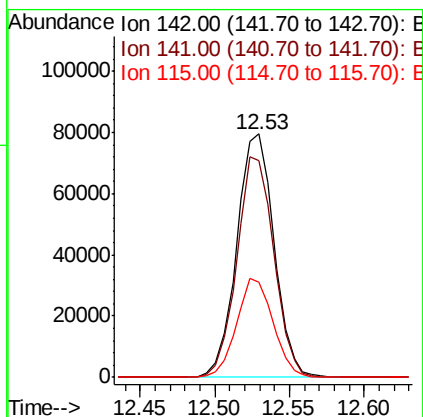
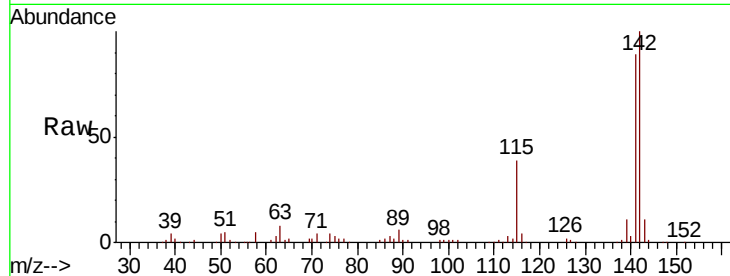




#37  
 2-Methylnaphthalene  
 Concen: 45.378 ng  
 RT: 12.53 min Scan# 1607  
 Delta R.T. -0.00 min  
 Lab File: BG038573.D  
 Acq: 14 Dec 2018 18:28

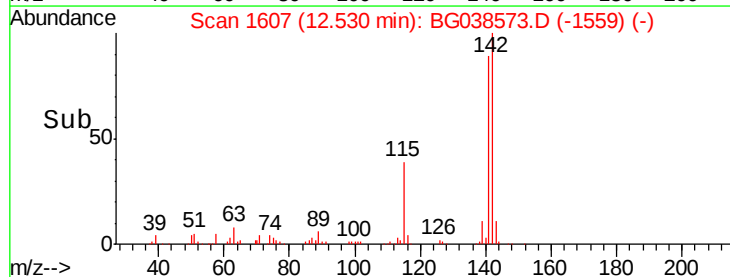
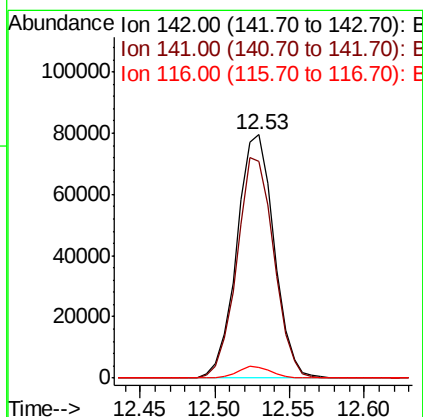
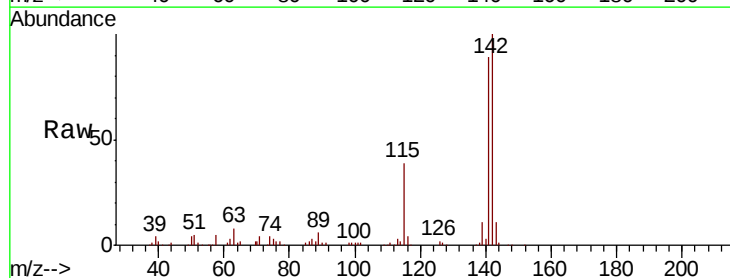
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB115343BS

Tgt Ion:142 Resp: 137539  
 Ion Ratio Lower Upper  
 142 100  
 141 88.9 73.5 110.3  
 115 39.2 31.7 47.5



#38  
 1-Methylnaphthalene  
 Concen: 46.763 ng  
 RT: 12.53 min Scan# 1607  
 Delta R.T. -0.22 min  
 Lab File: BG038573.D  
 Acq: 14 Dec 2018 18:28

Tgt Ion:142 Resp: 137539  
 Ion Ratio Lower Upper  
 142 100  
 141 88.9 75.8 113.8  
 116 4.4 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Instrument :

BNA\_G

ClientSampleId :

PB115343BS

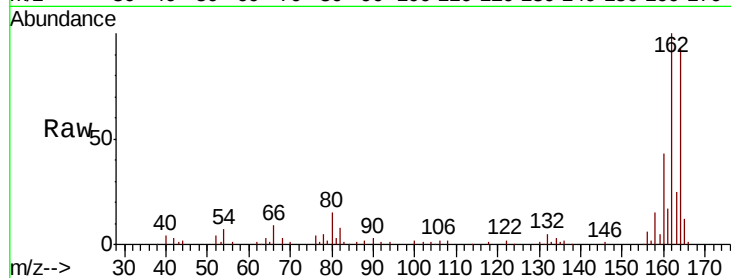
Tgt Ion:164 Resp: 55677

Ion Ratio Lower Upper

164 100

162 108.0 86.6 130.0

160 46.7 34.2 51.2

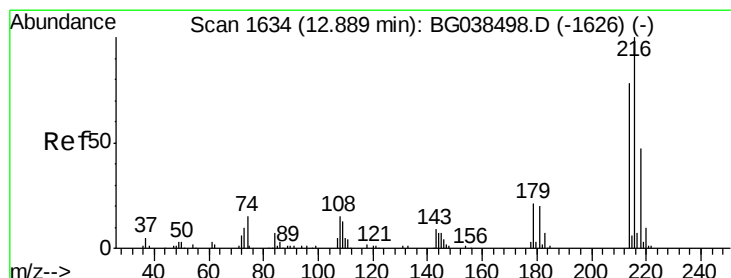
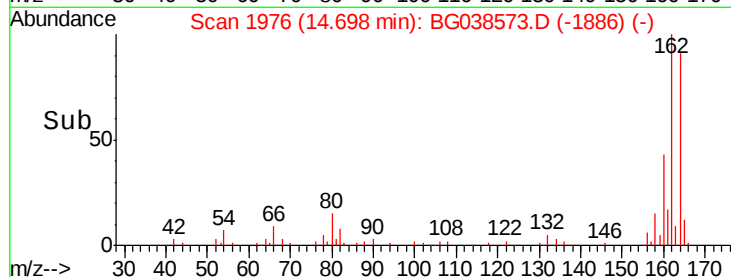
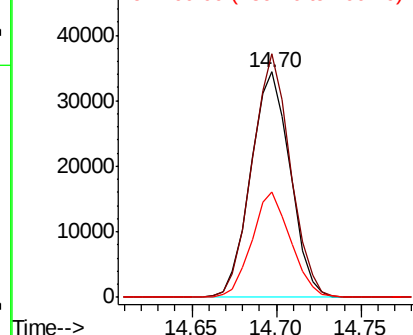


Abundance

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: 38.817 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Tgt Ion:216 Resp: 80786

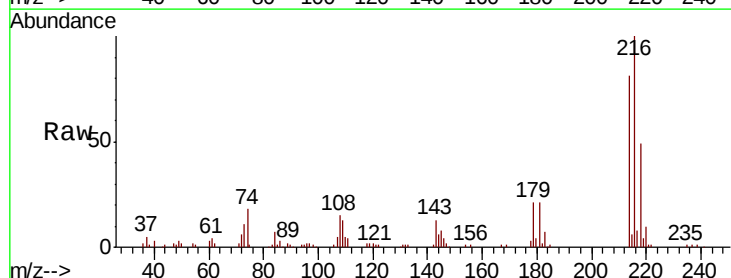
Ion Ratio Lower Upper

216 100

214 78.8 64.1 96.1

179 20.0 16.4 24.6

108 14.4 13.9 20.9



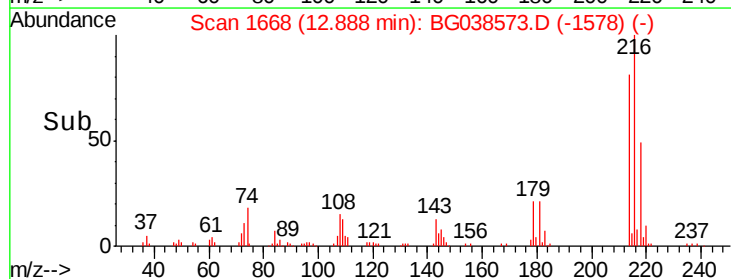
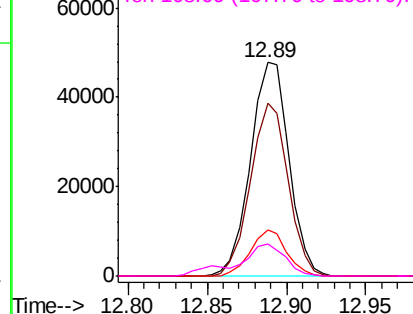
Abundance

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: 93.997 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Instrument :

BNA\_G

ClientSampleId :

PB115343BS

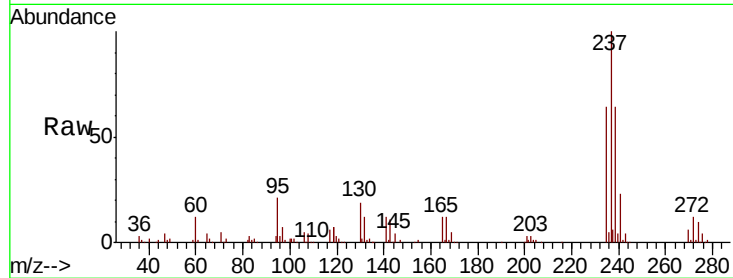
Tgt Ion:237 Resp: 107476

Ion Ratio Lower Upper

237 100

235 64.0 38.8 78.8

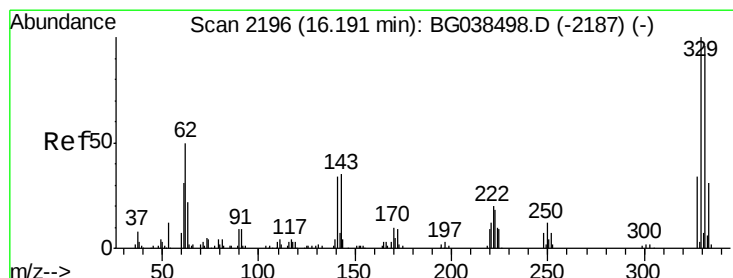
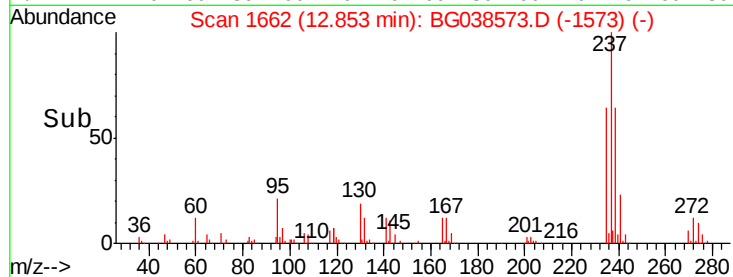
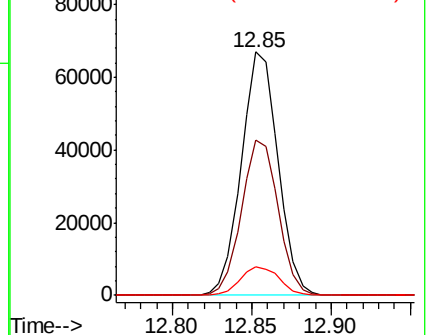
272 12.0 0.0 32.0



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: 116.554 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

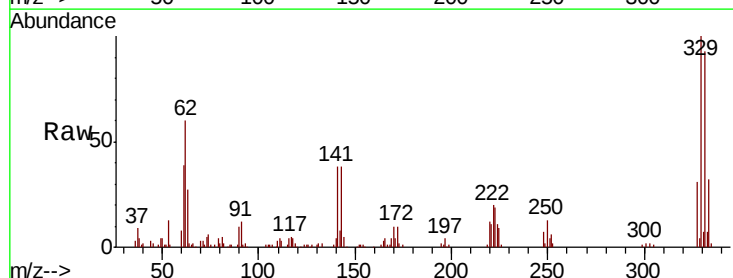
Tgt Ion:330 Resp: 89435

Ion Ratio Lower Upper

330 100

332 97.2 76.9 115.3

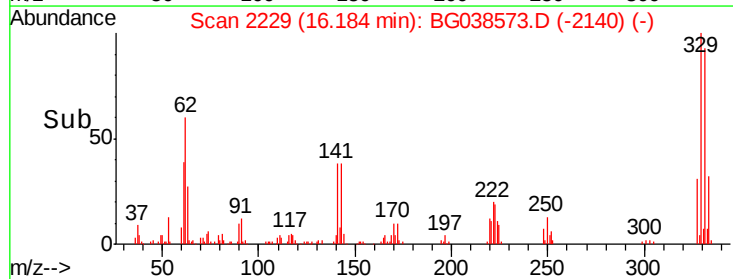
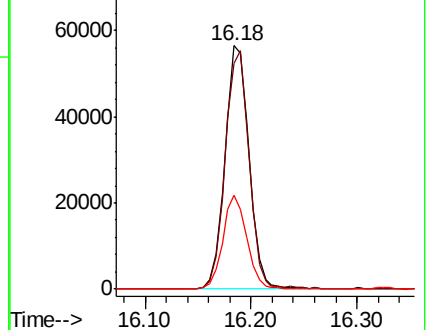
141 37.8 28.8 43.2



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

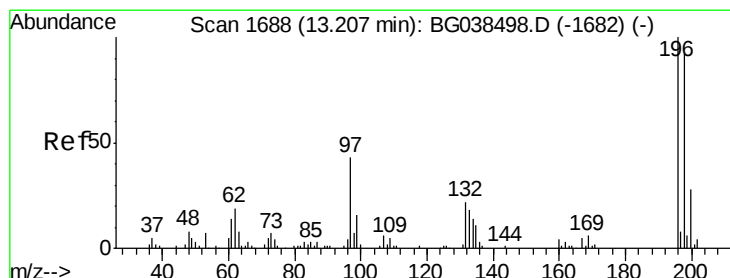
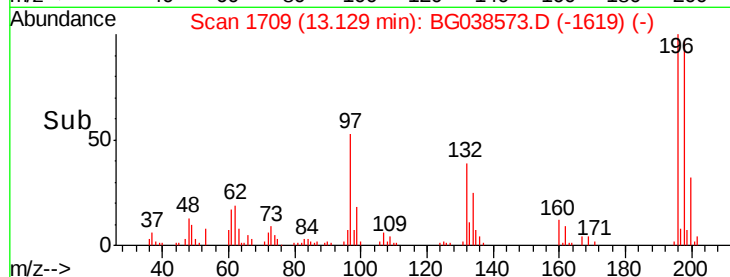
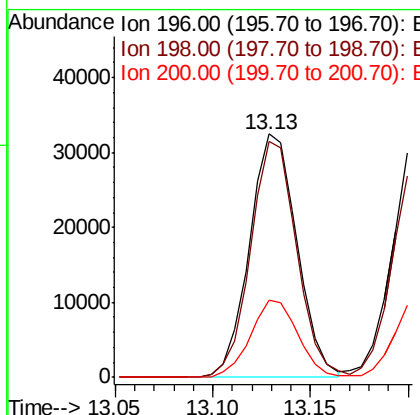
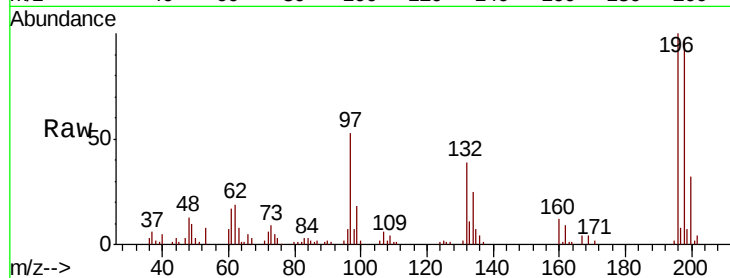




#43  
 2,4,6-Trichlorophenol  
 Concen: 42.653 ng  
 RT: 13.13 min Scan# 1709  
 Delta R.T. -0.00 min  
 Lab File: BG038573.D  
 Acq: 14 Dec 2018 18:28

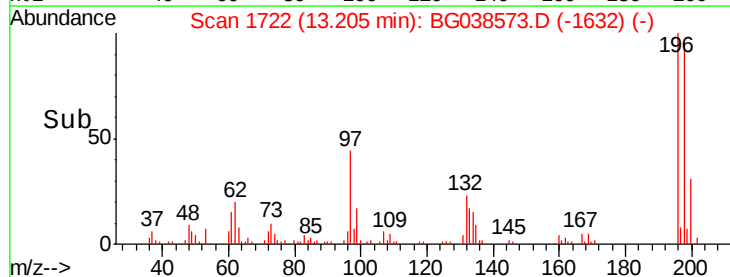
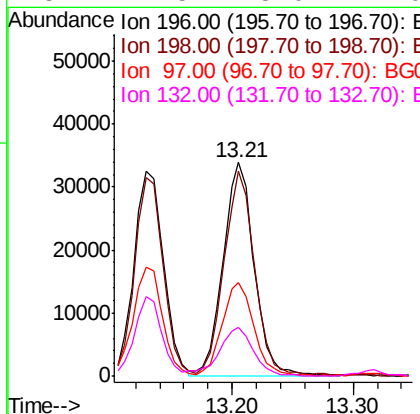
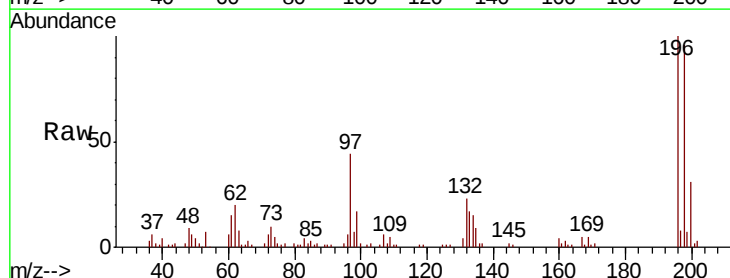
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB115343BS

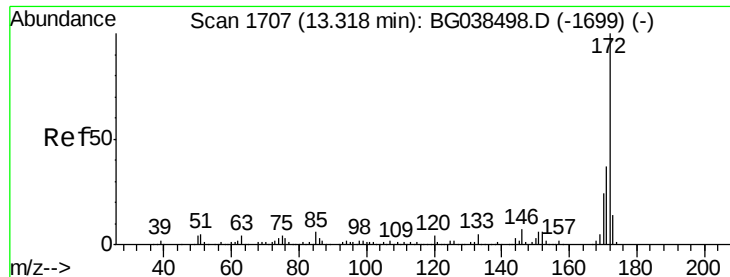
Tgt Ion:196 Resp: 54581  
 Ion Ratio Lower Upper  
 196 100  
 198 97.1 75.0 112.4  
 200 31.6 22.4 33.6



#44  
 2,4,5-Trichlorophenol  
 Concen: 44.700 ng  
 RT: 13.21 min Scan# 1722  
 Delta R.T. -0.00 min  
 Lab File: BG038573.D  
 Acq: 14 Dec 2018 18:28

Tgt Ion:196 Resp: 60562  
 Ion Ratio Lower Upper  
 196 100  
 198 96.2 74.0 111.0  
 97 43.6 35.1 52.7  
 132 22.5 18.0 27.0

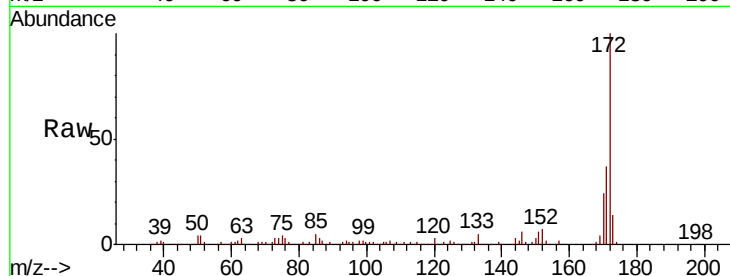




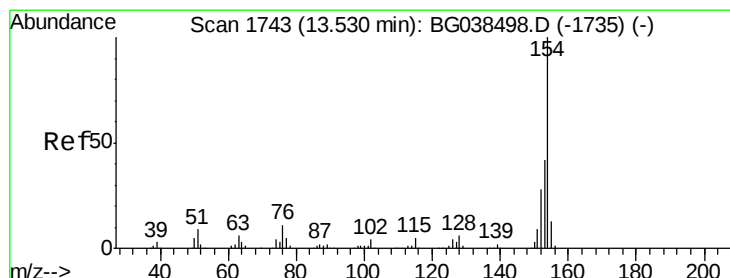
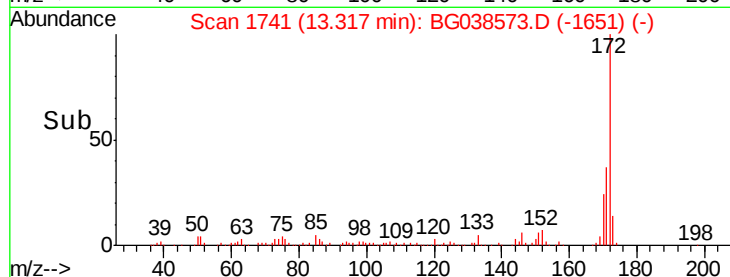
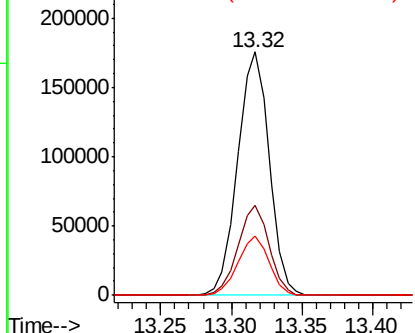
#45  
 2-Fluorobiphenyl  
 Concen: 67.629 ng  
 RT: 13.32 min Scan# 1741  
 Delta R.T. -0.00 min  
 Lab File: BG038573.D  
 Acq: 14 Dec 2018 18:28

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB115343BS

Tgt Ion:172 Resp: 274474  
 Ion Ratio Lower Upper  
 172 100  
 171 37.0 29.8 44.6  
 170 24.4 19.5 29.3

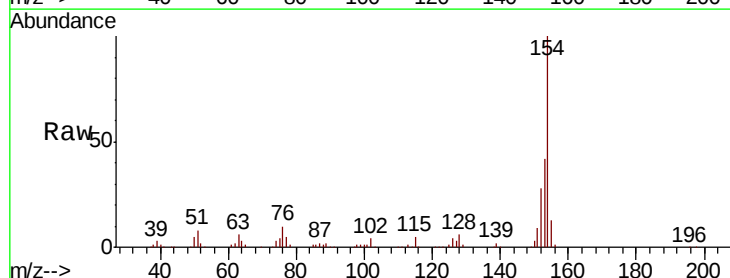


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

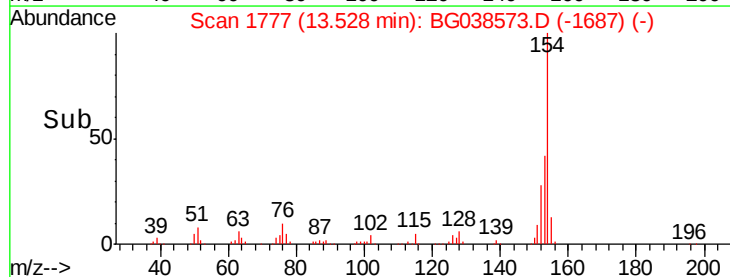
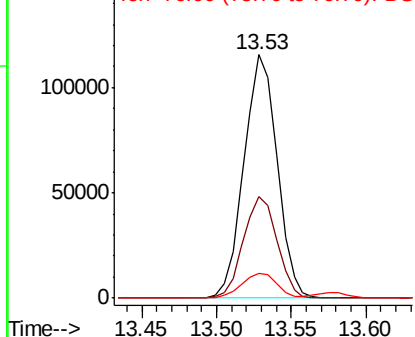


#46  
 1,1'-Biphenyl  
 Concen: 38.030 ng  
 RT: 13.53 min Scan# 1777  
 Delta R.T. -0.00 min  
 Lab File: BG038573.D  
 Acq: 14 Dec 2018 18:28

Tgt Ion:154 Resp: 177506  
 Ion Ratio Lower Upper  
 154 100  
 153 41.8 22.1 62.1  
 76 10.2 0.0 31.2



Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BG

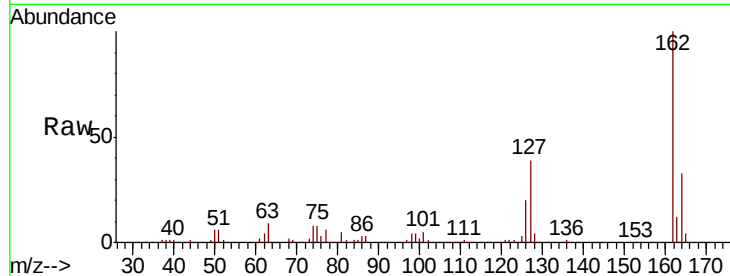




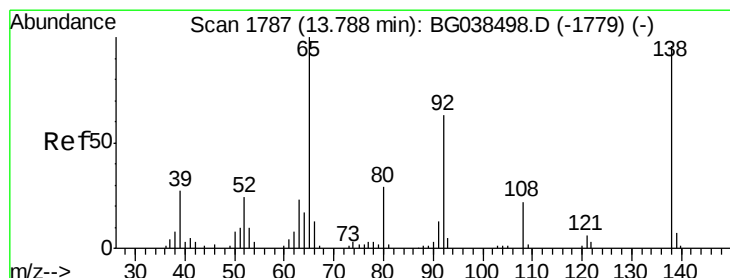
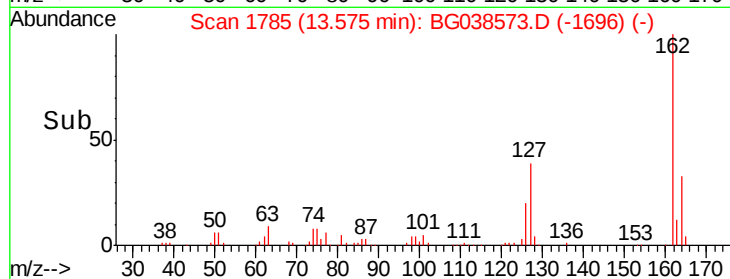
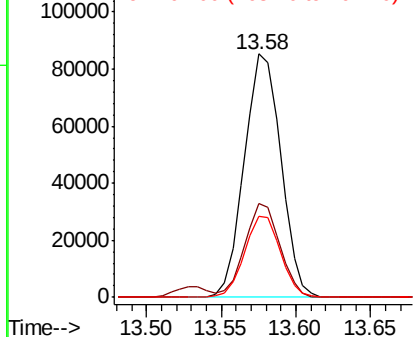
#47  
 2-Chloronaphthalene  
 Concen: 40.142 ng  
 RT: 13.58 min Scan# 1785  
 Delta R.T. -0.01 min  
 Lab File: BG038573.D  
 Acq: 14 Dec 2018 18:28

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB115343BS

Tgt Ion: 162 Resp: 144727  
 Ion Ratio Lower Upper  
 162 100  
 127 38.5 27.8 41.8  
 164 33.5 26.9 40.3

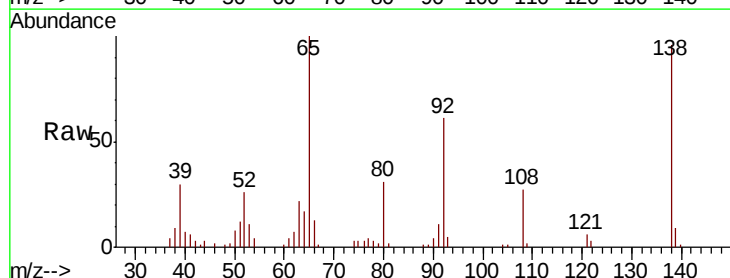


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

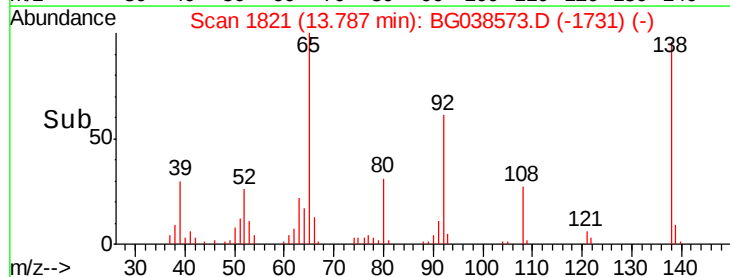
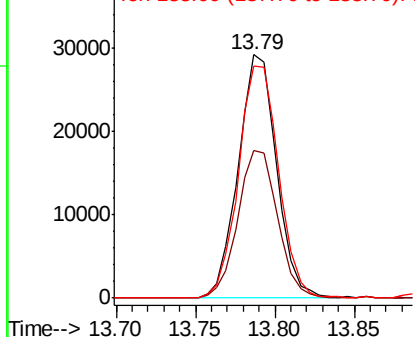


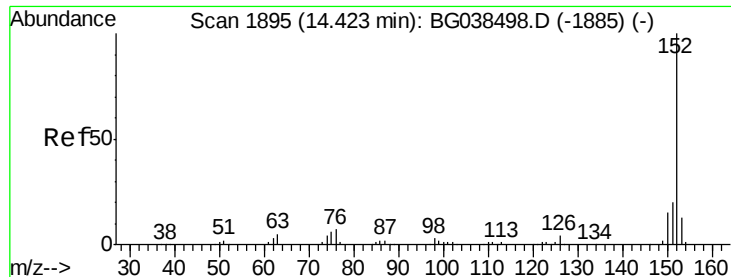
#48  
 2-Nitroaniline  
 Concen: 42.670 ng  
 RT: 13.79 min Scan# 1821  
 Delta R.T. -0.00 min  
 Lab File: BG038573.D  
 Acq: 14 Dec 2018 18:28

Tgt Ion: 65 Resp: 49003  
 Ion Ratio Lower Upper  
 65 100  
 92 60.5 50.0 75.0  
 138 95.5 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: 43.790 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Instrument :

BNA\_G

ClientSampleId :

PB115343BS

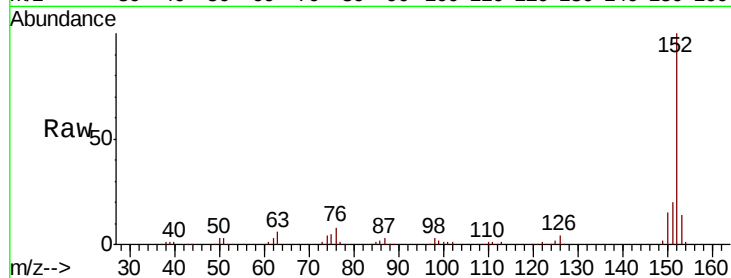
Tgt Ion:152 Resp: 236025

Ion Ratio Lower Upper

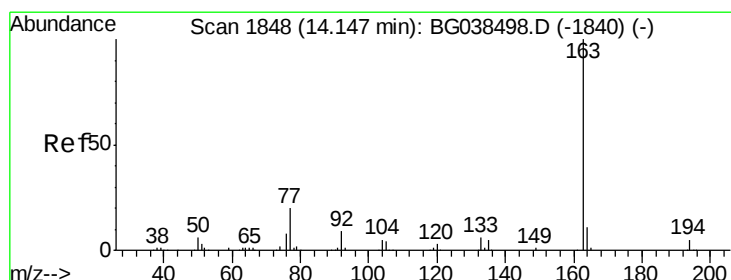
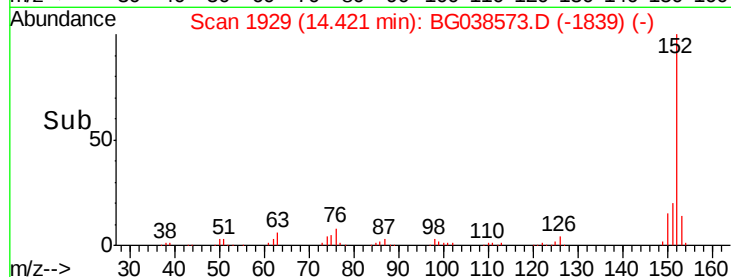
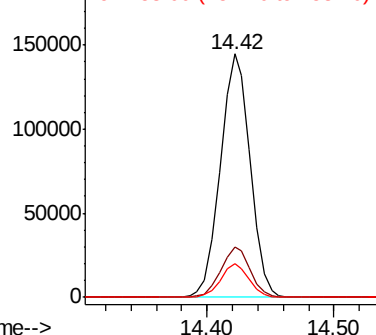
152 100

151 20.5 16.4 24.6

153 14.0 10.4 15.6



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



#50

Dimethylphthalate

Concen: 41.886 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

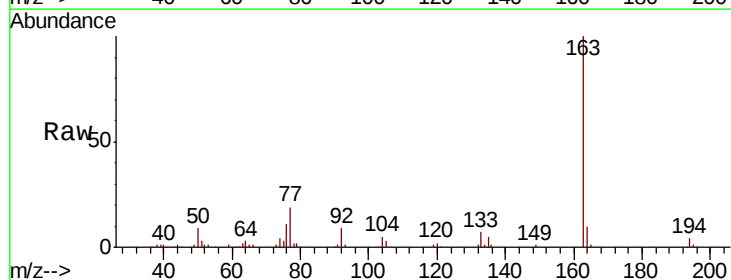
Tgt Ion:163 Resp: 190446

Ion Ratio Lower Upper

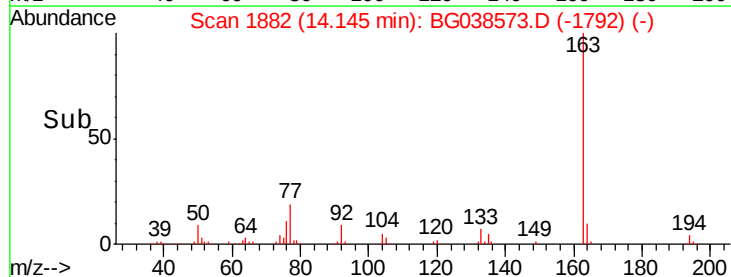
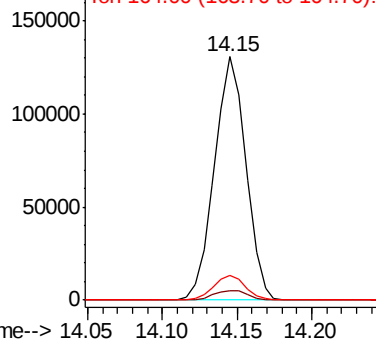
163 100

194 3.7 3.7 5.5

164 10.4 8.6 12.8



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

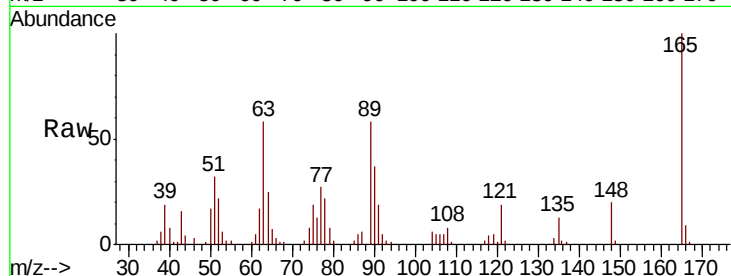




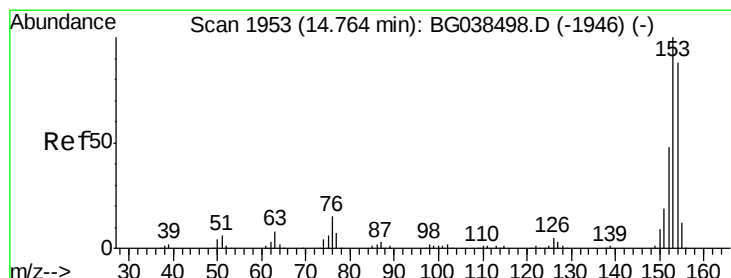
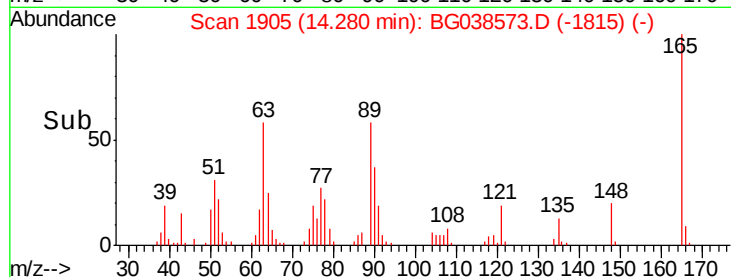
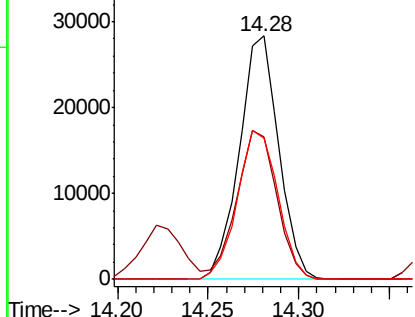
#51  
2,6-Dinitrotoluene  
Concen: 41.554 ng  
RT: 14.28 min Scan# 1905  
Delta R.T. -0.00 min  
Lab File: BG038573.D  
Acq: 14 Dec 2018 18:28

Instrument :  
BNA\_G  
ClientSampleId :  
PB115343BS

Tgt Ion:165 Resp: 42816  
Ion Ratio Lower Upper  
165 100  
63 58.4 51.8 77.6  
89 57.8 47.9 71.9

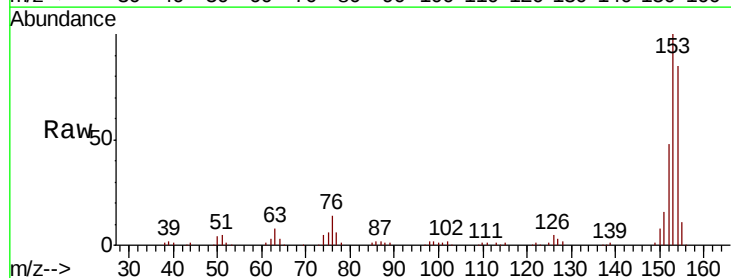


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 89.00 (88.70 to 89.70): BG

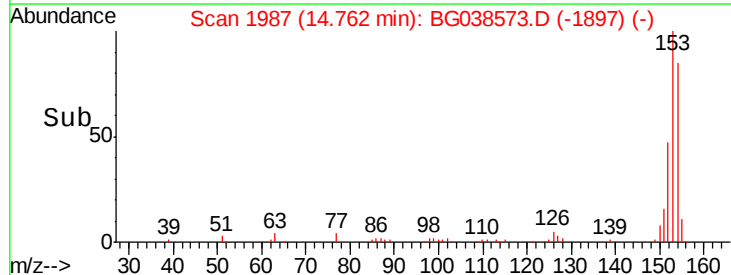
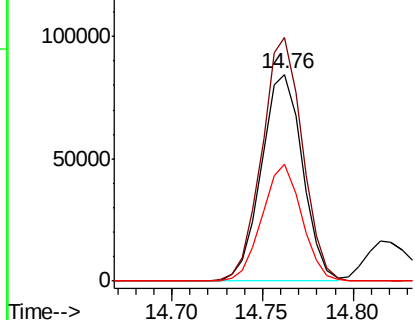


#52  
Acenaphthene  
Concen: 41.554 ng  
RT: 14.76 min Scan# 1987  
Delta R.T. -0.00 min  
Lab File: BG038573.D  
Acq: 14 Dec 2018 18:28

Tgt Ion:154 Resp: 133927  
Ion Ratio Lower Upper  
154 100  
153 117.8 90.6 136.0  
152 56.6 43.5 65.3



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

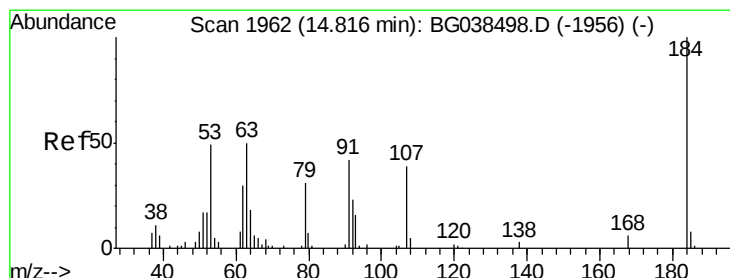
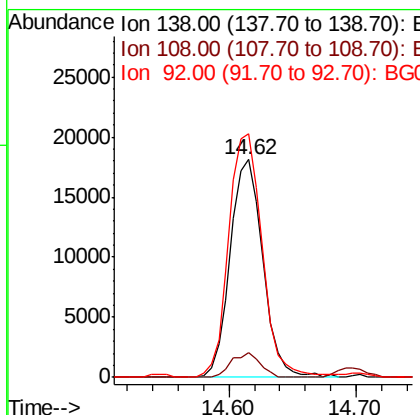
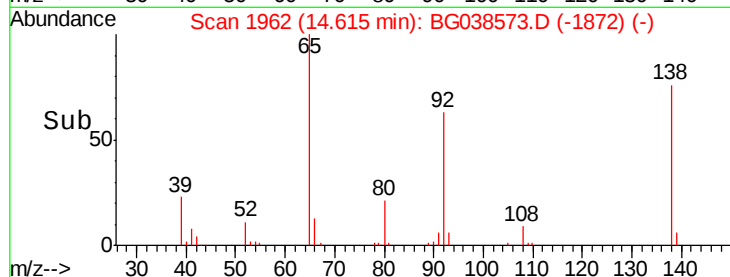
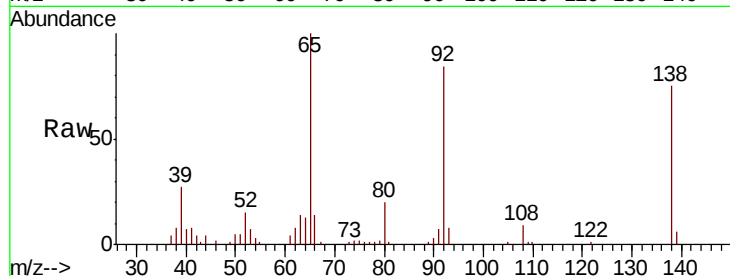




#53  
3-Nitroaniline  
Concen: 30.659 ng  
RT: 14.62 min Scan# 1962  
Delta R.T. -0.00 min  
Lab File: BG038573.D  
Acq: 14 Dec 2018 18:28

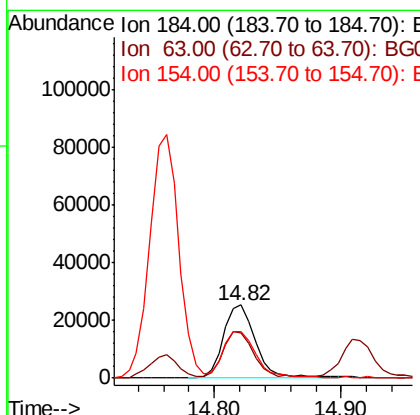
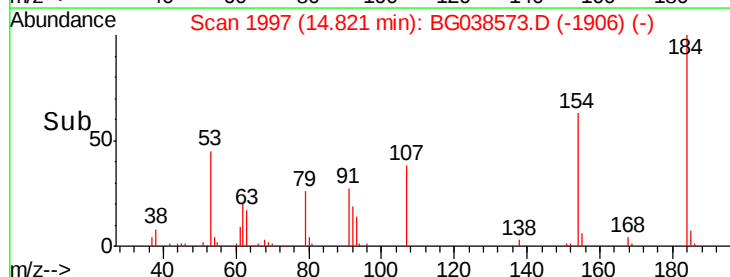
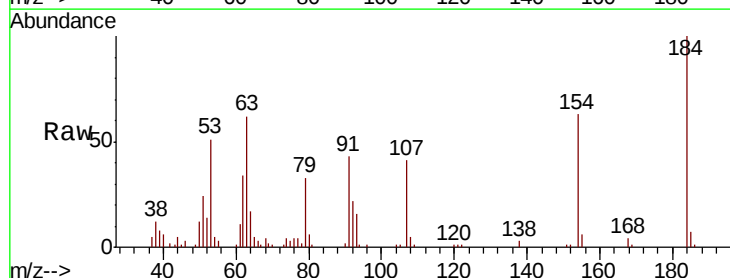
Instrument :  
BNA\_G  
ClientSampleId :  
PB115343BS

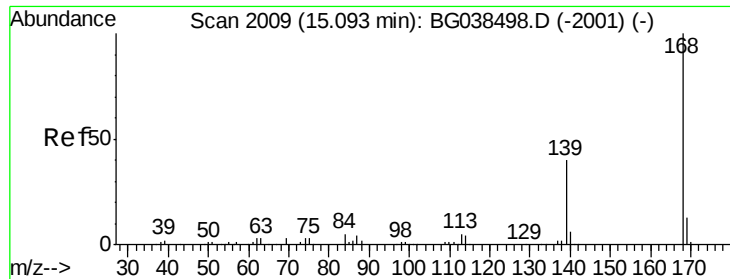
Tgt Ion:138 Resp: 32203  
Ion Ratio Lower Upper  
138 100  
108 11.4 7.9 11.9  
92 111.9 95.3 142.9



#54  
2,4-Dinitrophenol  
Concen: 73.094 ng  
RT: 14.82 min Scan# 1997  
Delta R.T. 0.00 min  
Lab File: BG038573.D  
Acq: 14 Dec 2018 18:28

Tgt Ion:184 Resp: 44519  
Ion Ratio Lower Upper  
184 100  
63 61.7 47.0 70.6  
154 62.9 50.3 75.5

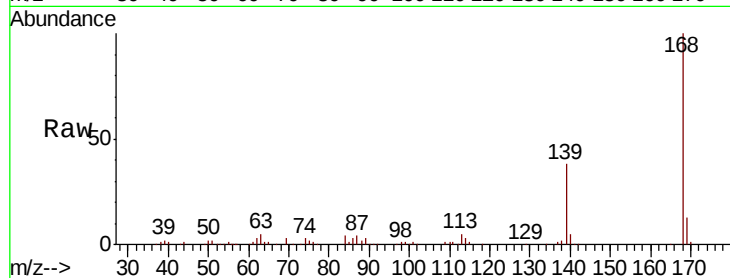




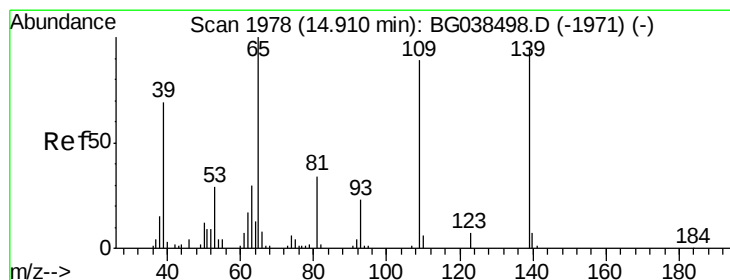
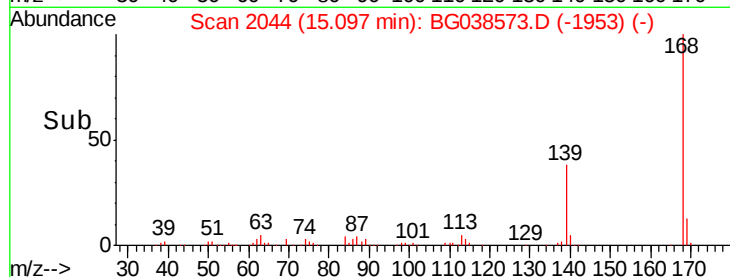
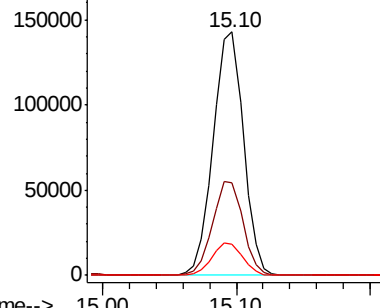
#55  
Dibenzenofuran  
Concen: 40.572 ng  
RT: 15.10 min Scan# 2044  
Delta R.T. 0.00 min  
Lab File: BG038573.D  
Acq: 14 Dec 2018 18:28

Instrument :  
BNA\_G  
ClientSampleId :  
PB115343BS

Tgt Ion:168 Resp: 224147  
Ion Ratio Lower Upper  
168 100  
139 38.3 32.2 48.2  
169 12.7 10.6 16.0

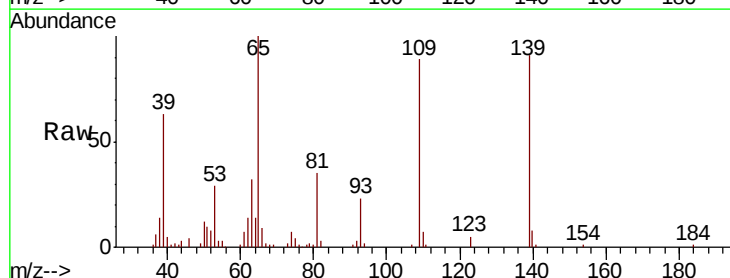


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

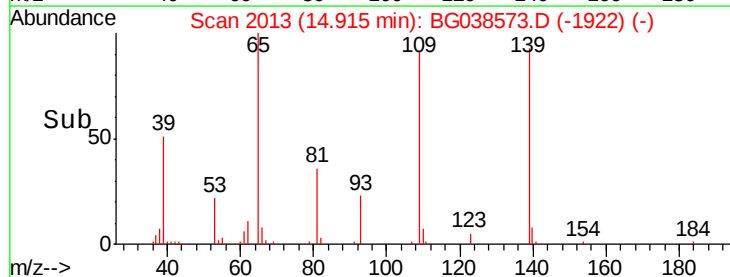
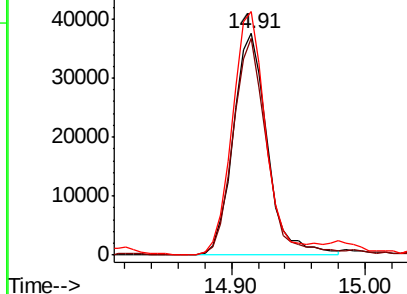


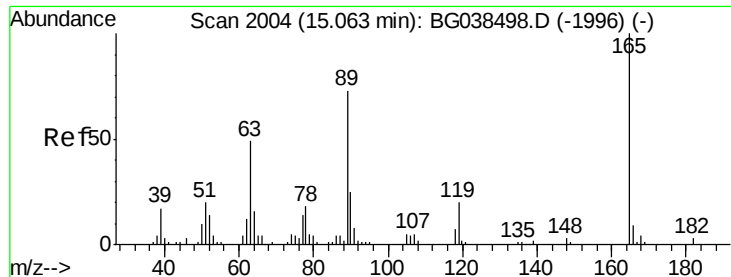
#56  
4-Nitrophenol  
Concen: 83.753 ng  
RT: 14.91 min Scan# 2013  
Delta R.T. 0.00 min  
Lab File: BG038573.D  
Acq: 14 Dec 2018 18:28

Tgt Ion:139 Resp: 66736  
Ion Ratio Lower Upper  
139 100  
109 98.0 73.6 113.6  
65 109.9 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): E

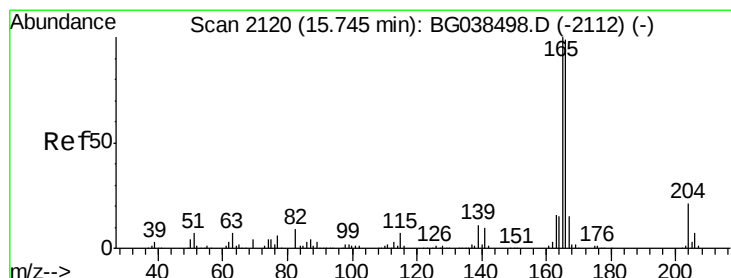
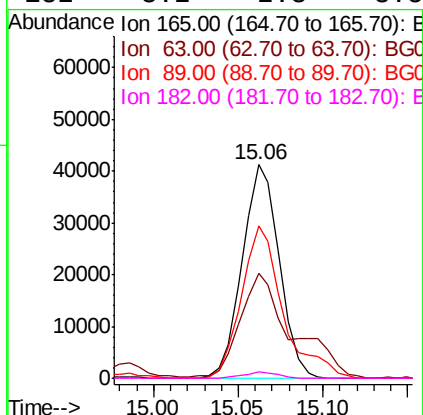
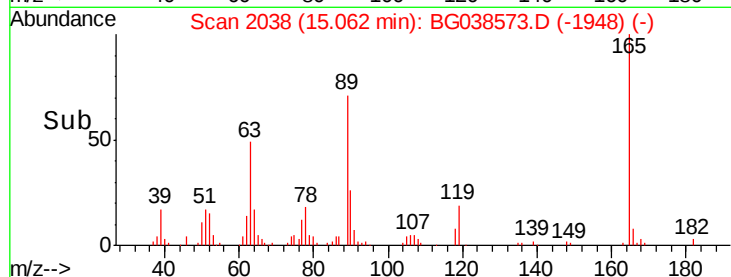
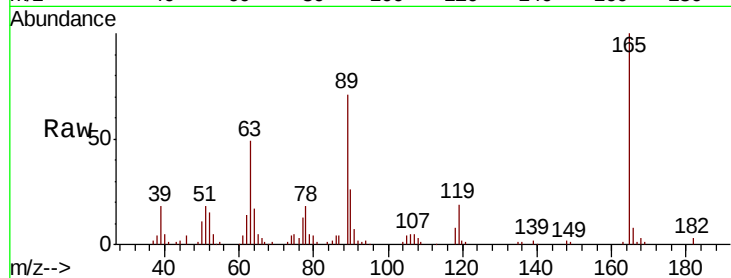




#57  
2,4-Dinitrotoluene  
Concen: 43.178 ng  
RT: 15.06 min Scan# 2038  
Delta R.T. -0.00 min  
Lab File: BG038573.D  
Acq: 14 Dec 2018 18:28

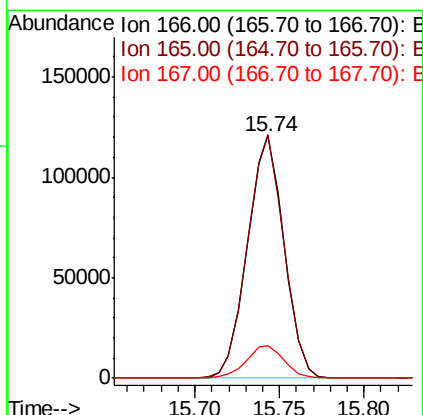
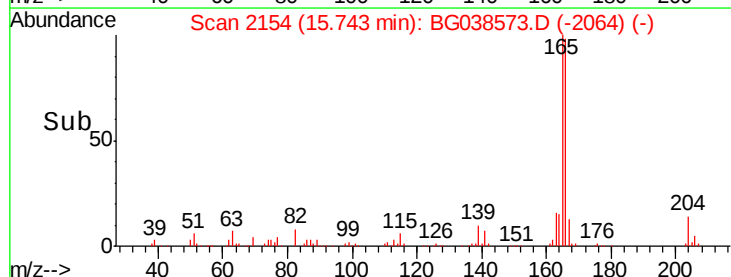
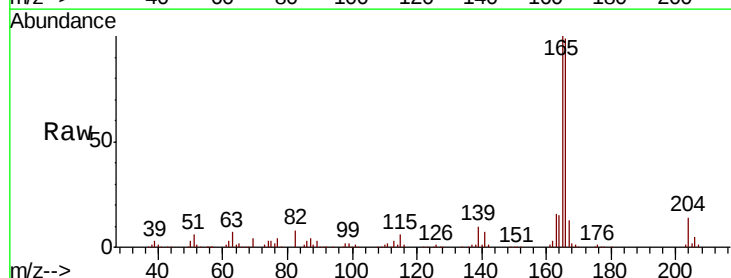
Instrument :  
BNA\_G  
ClientSampleId :  
PB115343BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 165   | Resp: | 62661 |
| Ion      | Ratio | Lower | Upper |
| 165      | 100   |       |       |
| 63       | 48.9  | 39.0  | 58.4  |
| 89       | 71.1  | 58.0  | 87.0  |
| 182      | 3.2   | 2.3   | 3.5   |



#58  
Fluorene  
Concen: 44.128 ng  
RT: 15.74 min Scan# 2154  
Delta R.T. -0.00 min  
Lab File: BG038573.D  
Acq: 14 Dec 2018 18:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 180625 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 100.6 | 80.6  | 120.8  |
| 167      | 13.4  | 12.0  | 18.0   |

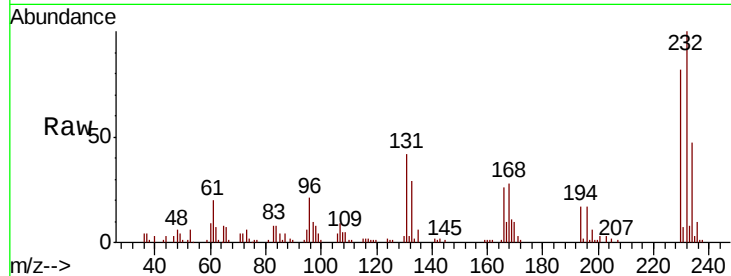




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 44.647 ng  
 RT: 15.31 min Scan# 2081  
 Delta R.T. -0.00 min  
 Lab File: BG038573.D  
 Acq: 14 Dec 2018 18:28

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB115343BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 42.5  | 33.0  | 49.4  |
| 130     | 2.8   | 2.0   | 3.0   |
| 166     | 28.4  | 23.1  | 34.7  |



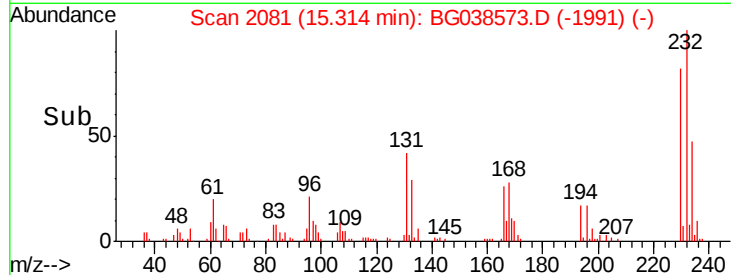
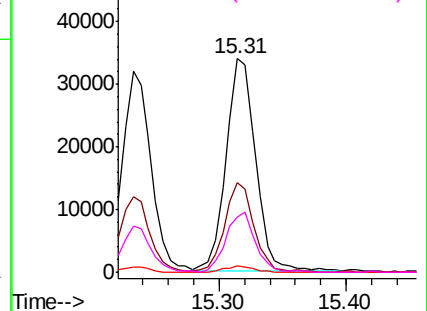
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

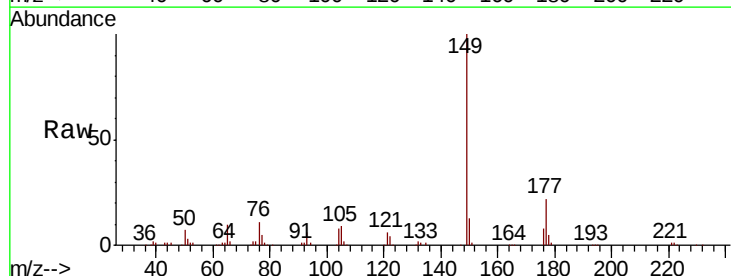
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
 Diethylphthalate  
 Concen: 40.229 ng  
 RT: 15.50 min Scan# 2112  
 Delta R.T. -0.00 min  
 Lab File: BG038573.D  
 Acq: 14 Dec 2018 18:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.0  | 17.7  | 26.5  |
| 150     | 12.7  | 9.9   | 14.9  |

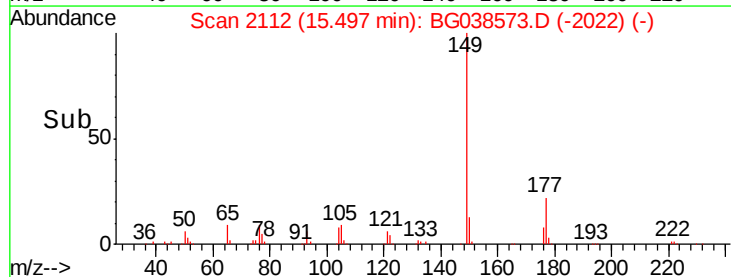
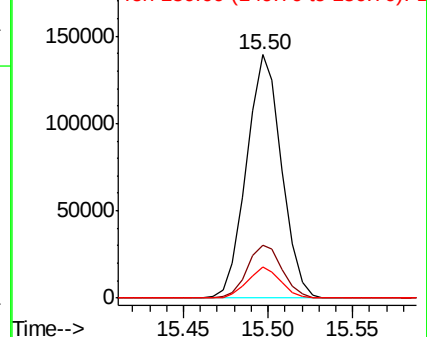


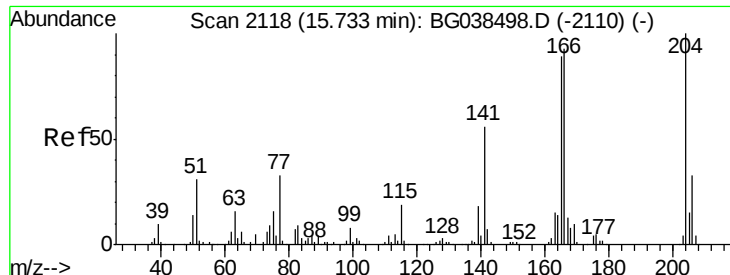
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

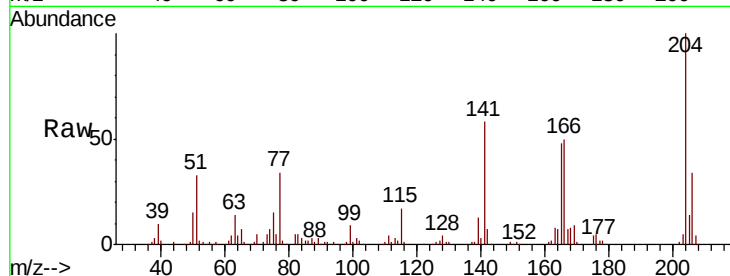




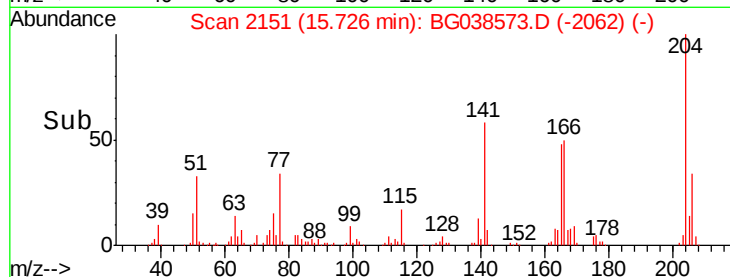
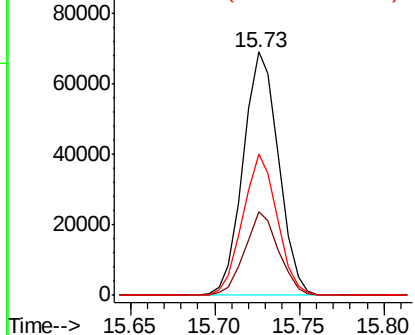
#61  
 4-Chlorophenyl-phenylether  
 Concen: 39.340 ng  
 RT: 15.73 min Scan# 2151  
 Delta R.T. -0.01 min  
 Lab File: BG038573.D  
 Acq: 14 Dec 2018 18:28

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB115343BS

Tgt Ion: 204 Resp: 100470  
 Ion Ratio Lower Upper  
 204 100  
 206 34.5 26.0 39.0  
 141 58.0 44.4 66.6

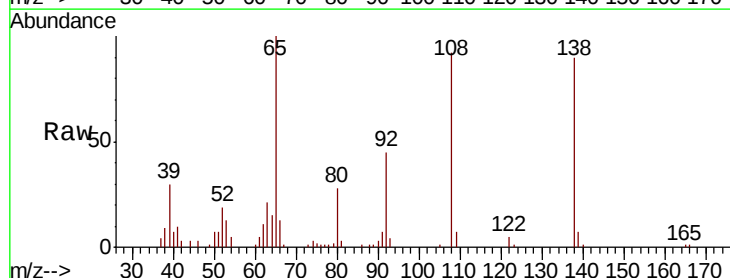


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

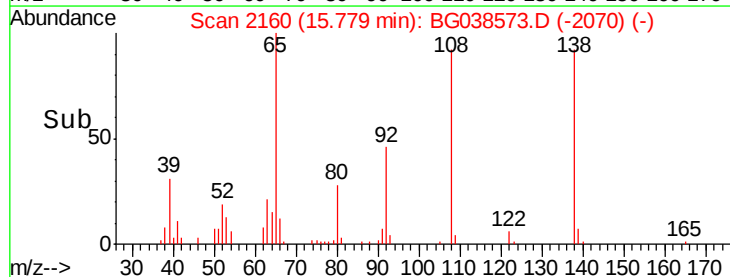
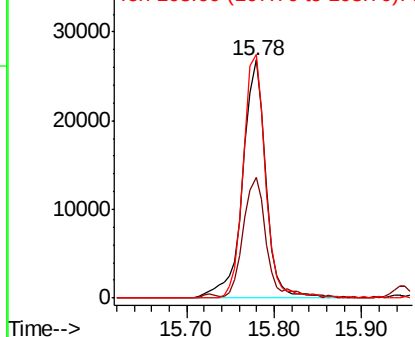


#62  
 4-Nitroaniline  
 Concen: 44.091 ng  
 RT: 15.78 min Scan# 2160  
 Delta R.T. -0.00 min  
 Lab File: BG038573.D  
 Acq: 14 Dec 2018 18:28

Tgt Ion: 138 Resp: 47678  
 Ion Ratio Lower Upper  
 138 100  
 92 50.5 33.3 73.3  
 108 102.1 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: 41.010 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Instrument :

BNA\_G

ClientSampleId :

PB115343BS

Tgt Ion: 77 Resp: 170999

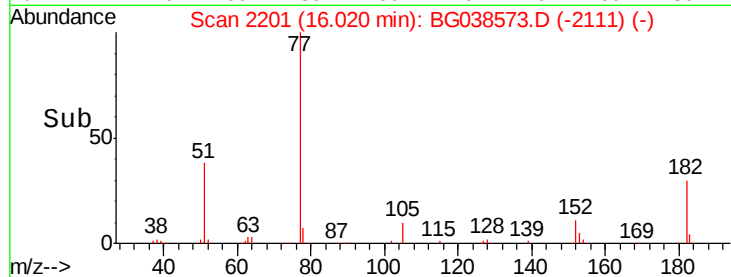
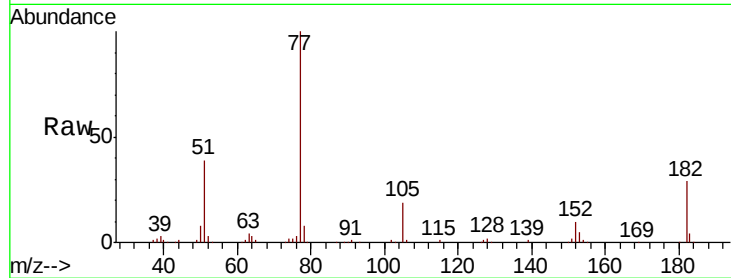
Ion Ratio Lower Upper

77 100

182 28.5 8.7 48.7

105 18.8 0.0 38.7

51 39.1 16.6 56.6

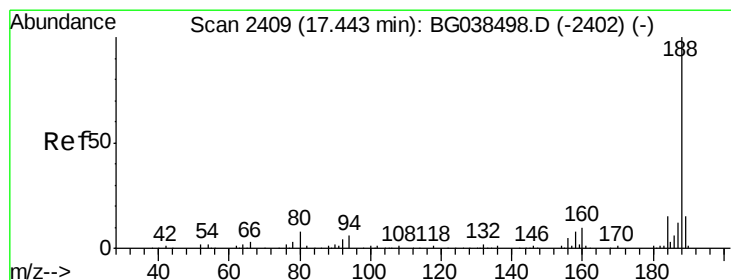
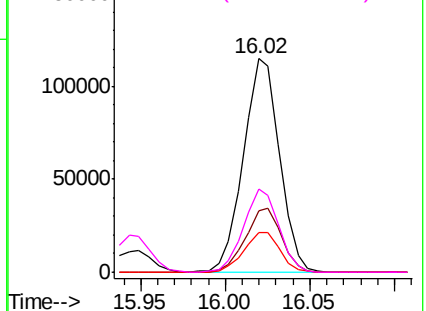


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

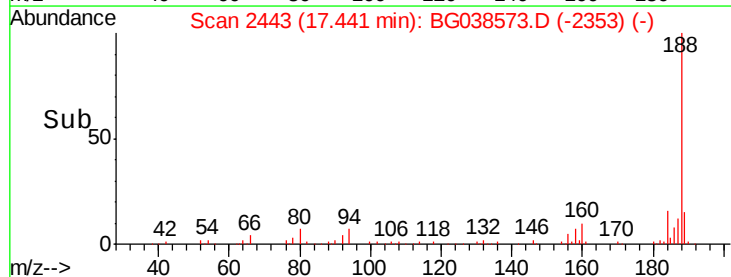
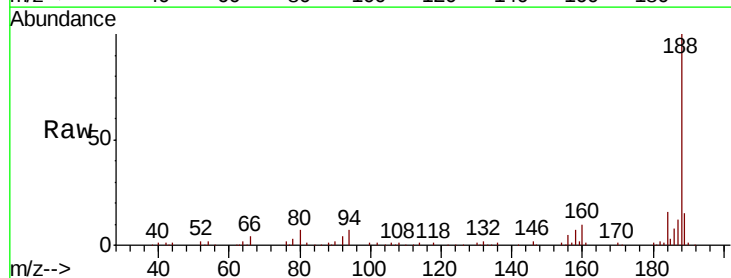
Tgt Ion: 188 Resp: 140410

Ion Ratio Lower Upper

188 100

94 6.8 5.1 7.7

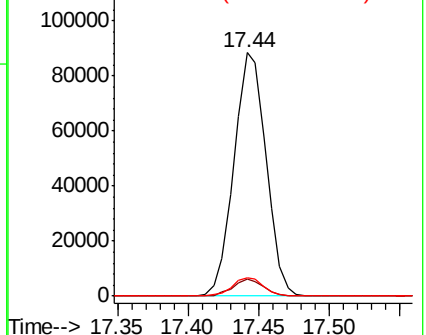
80 7.3 6.1 9.1

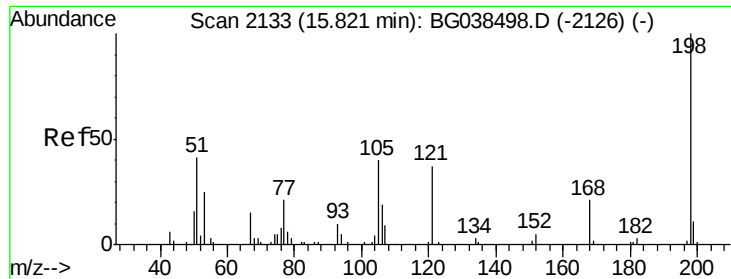


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

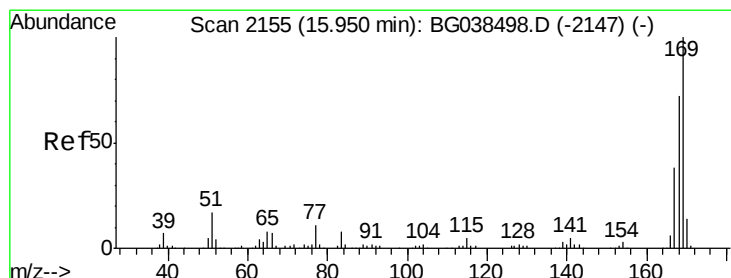
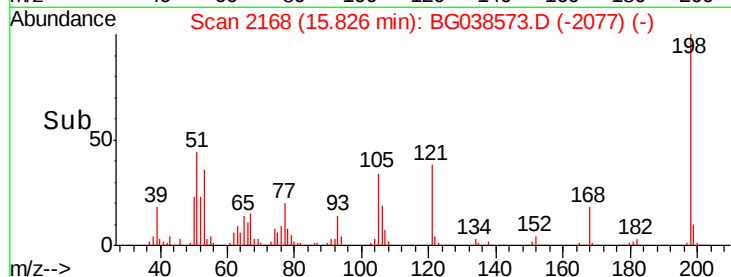
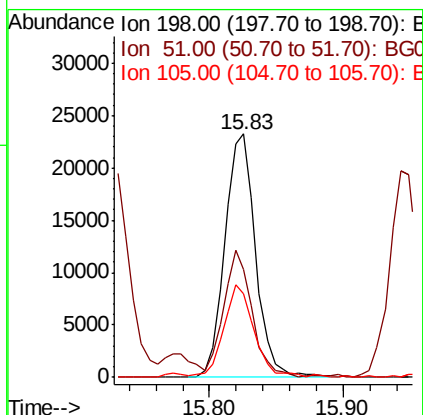
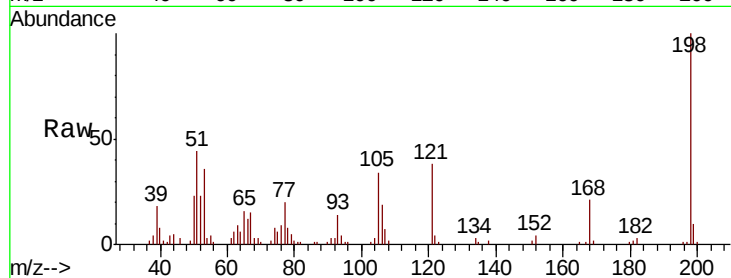




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 37.378 ng  
 RT: 15.83 min Scan# 2168  
 Delta R.T. 0.00 min  
 Lab File: BG038573.D  
 Acq: 14 Dec 2018 18:28

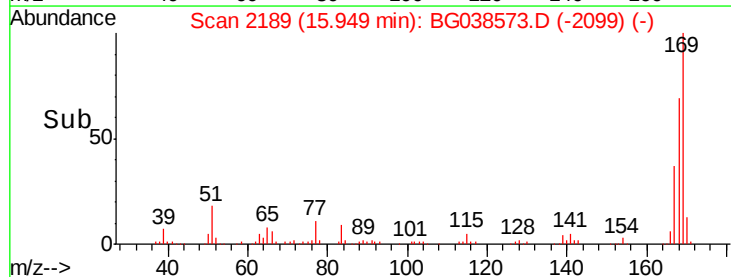
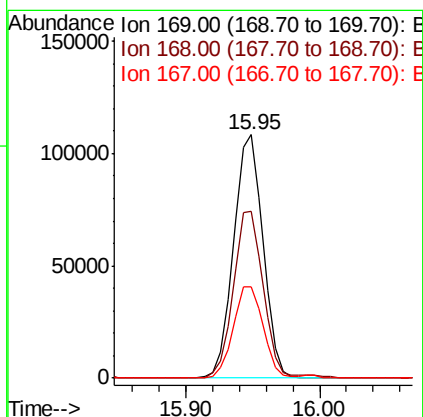
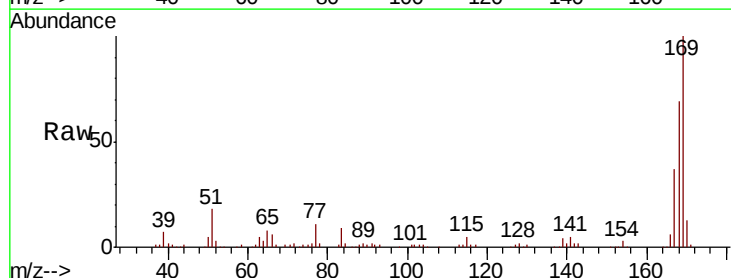
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB115343BS

Tgt Ion:198 Resp: 37438  
 Ion Ratio Lower Upper  
 198 100  
 51 44.4 28.6 68.6  
 105 34.1 20.4 60.4



#66  
 n-Nitrosodiphenylamine  
 Concen: 40.116 ng  
 RT: 15.95 min Scan# 2189  
 Delta R.T. -0.00 min  
 Lab File: BG038573.D  
 Acq: 14 Dec 2018 18:28

Tgt Ion:169 Resp: 165502  
 Ion Ratio Lower Upper  
 169 100  
 168 68.7 57.5 86.3  
 167 37.4 30.2 45.2





#67

4-Bromophenyl-phenylether

Concen: 39.327 ng

RT: 16.62 min Scan# 2304

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Instrument :

BNA\_G

ClientSampleId :

PB115343BS

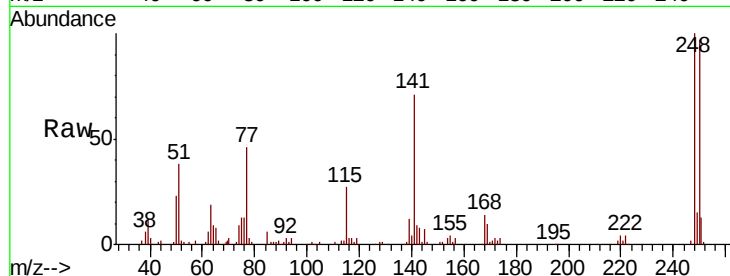
Tgt Ion:248 Resp: 67439

Ion Ratio Lower Upper

248 100

250 97.1 73.4 110.2

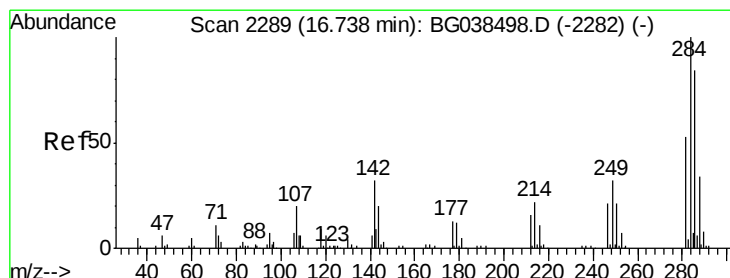
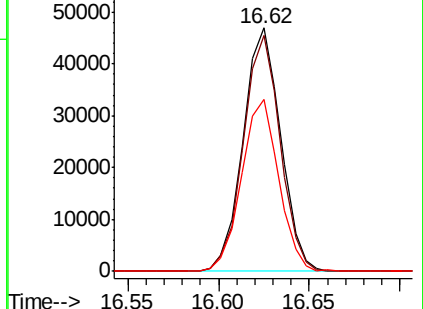
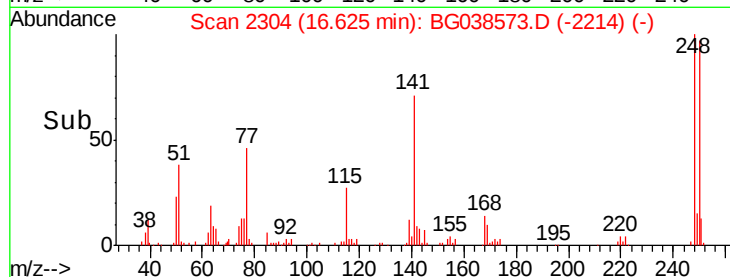
141 70.7 52.9 79.3



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: 38.977 ng

RT: 16.74 min Scan# 2323

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

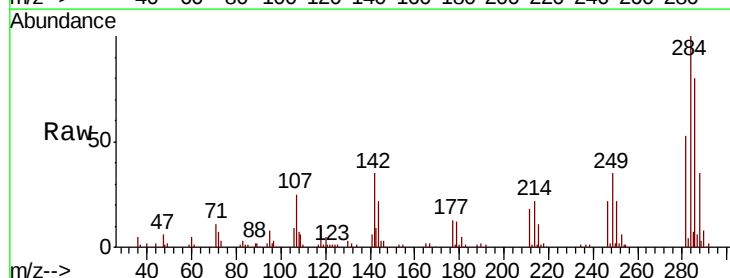
Tgt Ion:284 Resp: 69286

Ion Ratio Lower Upper

284 100

142 34.7 25.8 38.6

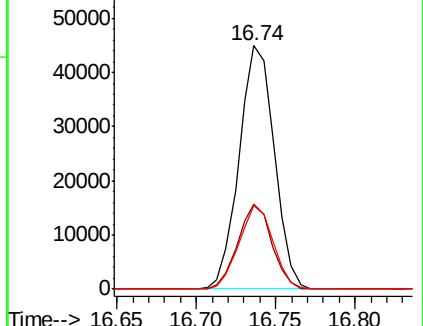
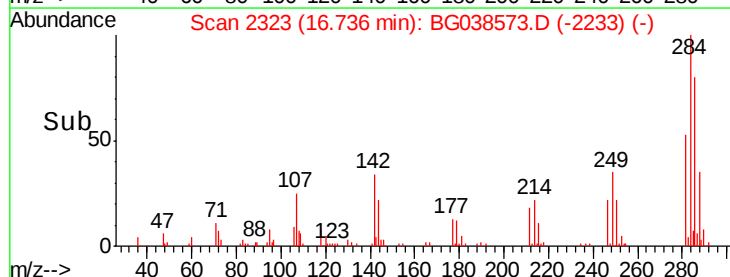
249 36.8 27.0 40.4



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: 44.905 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Instrument :

BNA\_G

ClientSampleId :

PB115343BS

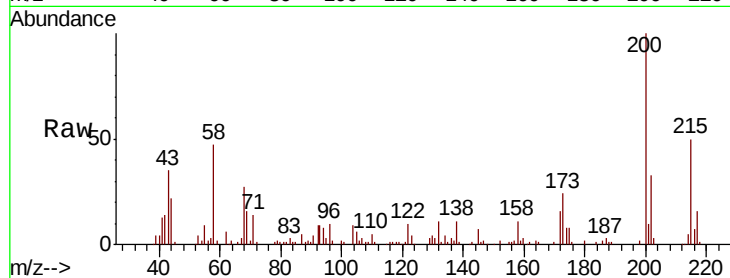
Tgt Ion:200 Resp: 68751

Ion Ratio Lower Upper

200 100

173 24.4 5.9 45.9

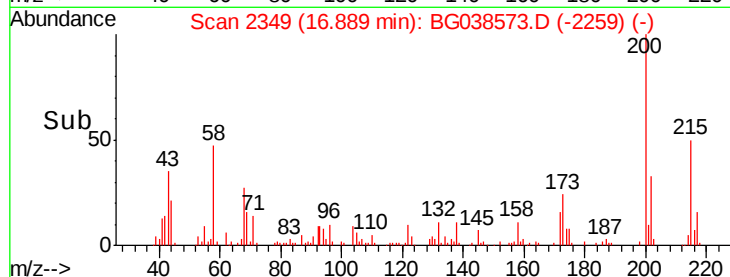
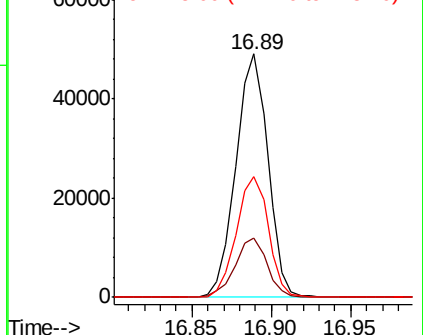
215 49.7 33.1 73.1



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: 72.745 ng

RT: 17.09 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

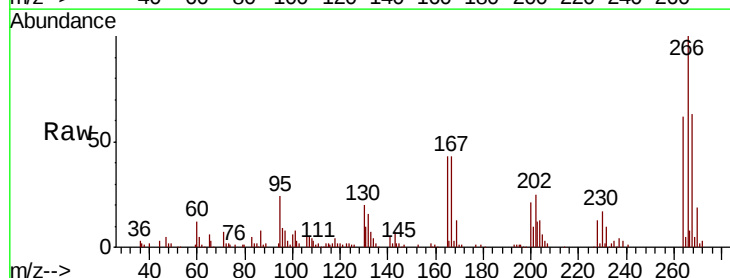
Tgt Ion:266 Resp: 76486

Ion Ratio Lower Upper

266 100

268 67.6 55.0 82.6

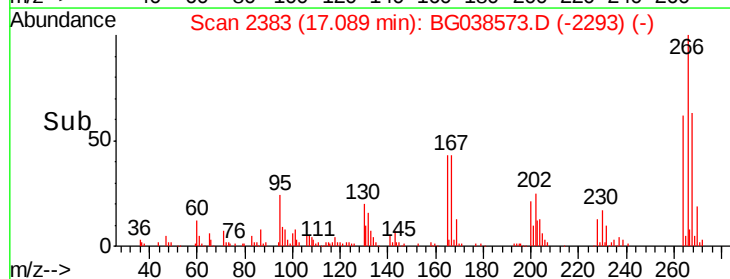
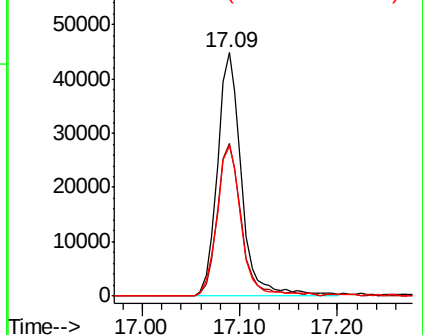
264 66.4 56.7 85.1

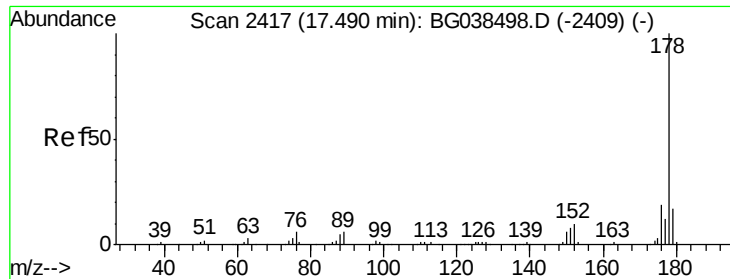


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

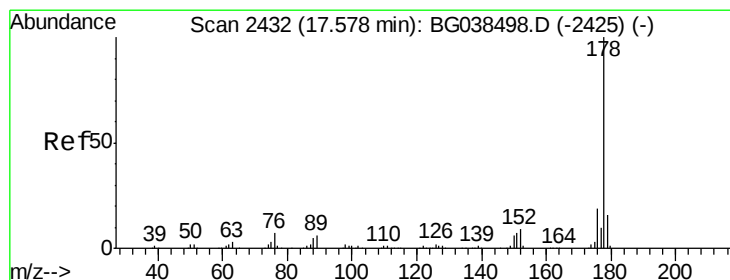
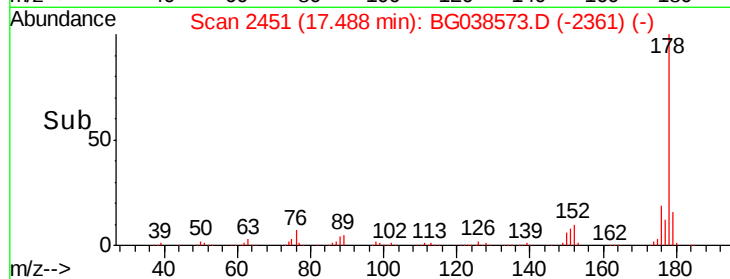
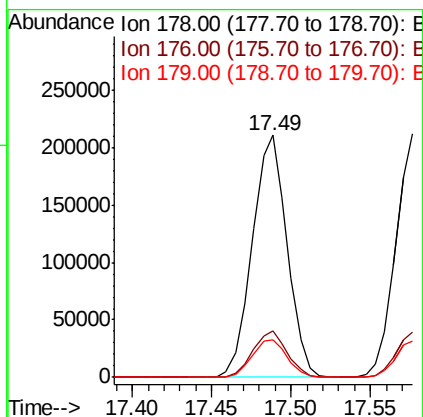
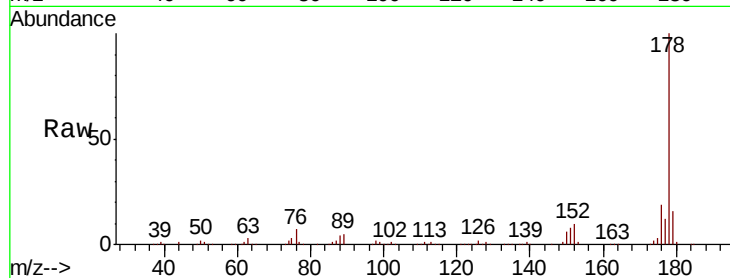




#71  
Phenanthrene  
Concen: 44.199 ng  
RT: 17.49 min Scan# 2451  
Delta R.T. -0.00 min  
Lab File: BG038573.D  
Acq: 14 Dec 2018 18:28

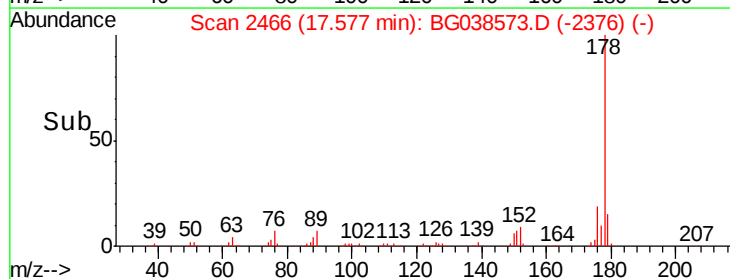
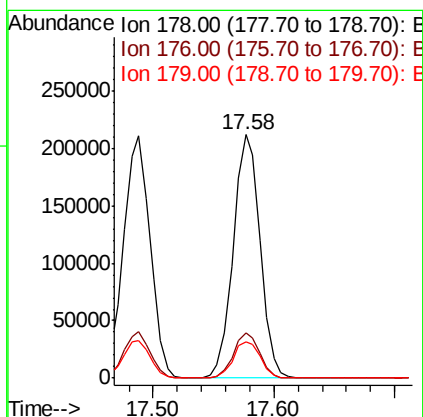
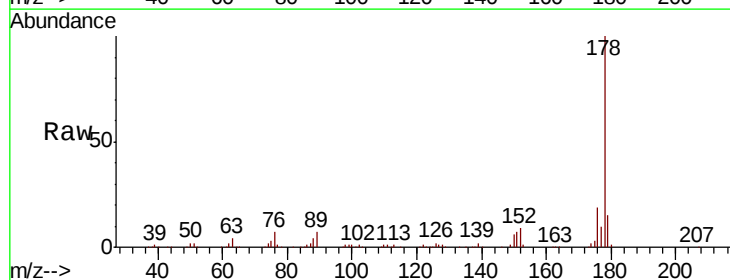
Instrument :  
BNA\_G  
ClientSampleId :  
PB115343BS

Tgt Ion:178 Resp: 321820  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.1 22.7  
179 15.5 13.2 19.8



#72  
Anthracene  
Concen: 45.589 ng  
RT: 17.58 min Scan# 2466  
Delta R.T. -0.00 min  
Lab File: BG038573.D  
Acq: 14 Dec 2018 18:28

Tgt Ion:178 Resp: 327696  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.1 22.7  
179 15.1 12.9 19.3

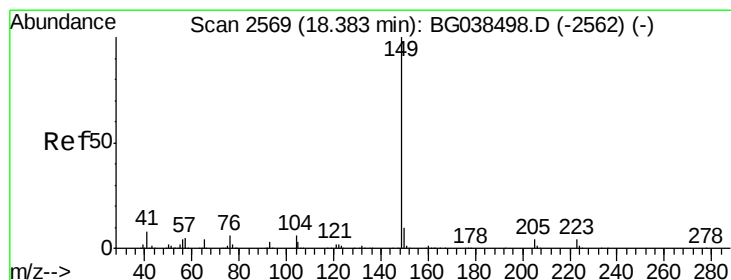
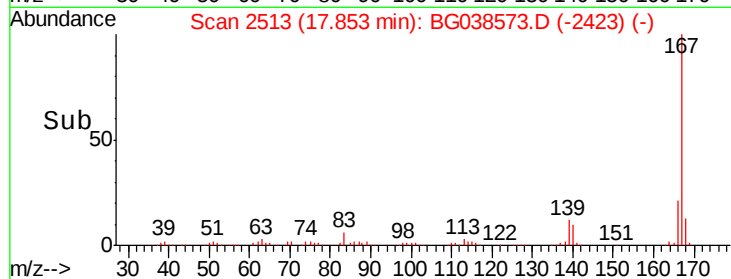
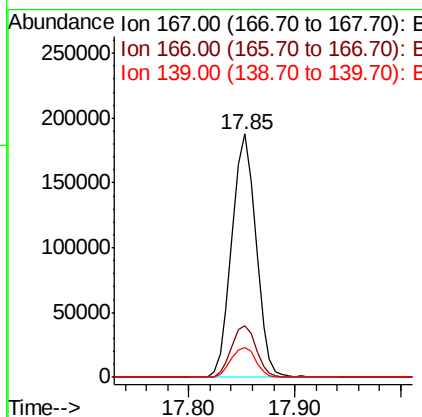
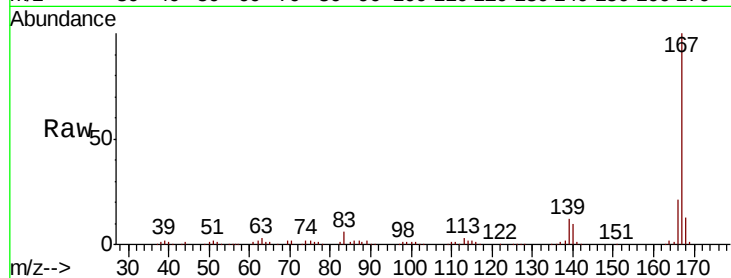




#73  
 Carbazole  
 Concen: 41.915 ng  
 RT: 17.85 min Scan# 2513  
 Delta R.T. -0.00 min  
 Lab File: BG038573.D  
 Acq: 14 Dec 2018 18:28

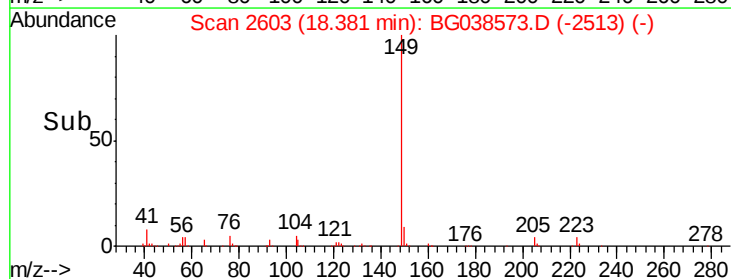
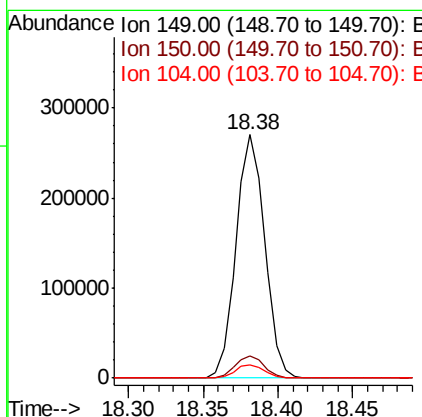
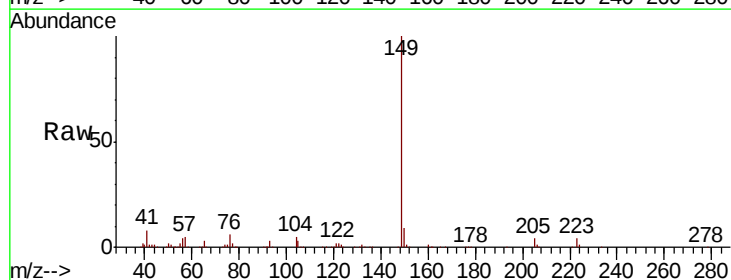
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB115343BS

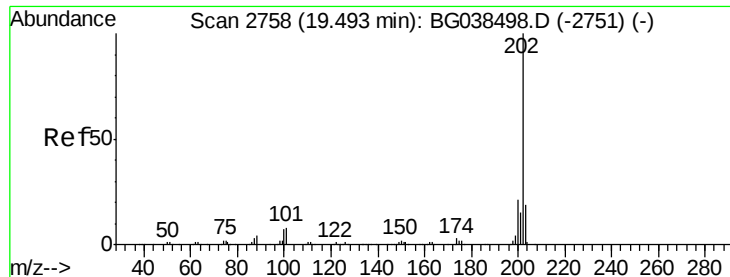
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.1  | 17.9  | 26.9  |
| 139     | 12.5  | 10.2  | 15.2  |



#74  
 Di-n-butylphthalate  
 Concen: 44.465 ng  
 RT: 18.38 min Scan# 2603  
 Delta R.T. -0.00 min  
 Lab File: BG038573.D  
 Acq: 14 Dec 2018 18:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 8.9   | 7.6   | 11.4  |
| 104     | 5.4   | 5.0   | 7.4   |





#75

Fluoranthene

Concen: 45.064 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Instrument :

BNA\_G

ClientSampleId :

PB115343BS

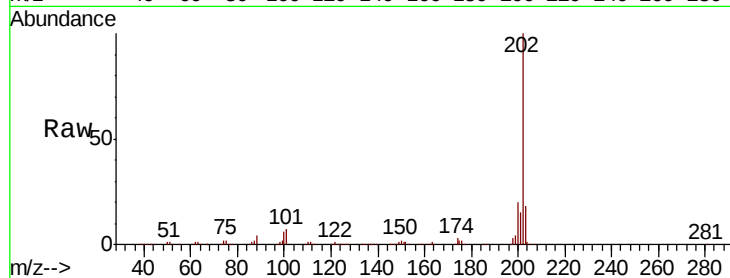
Tgt Ion:202 Resp: 405978

Ion Ratio Lower Upper

202 100

101 7.4 0.0 28.1

203 17.9 0.0 39.0



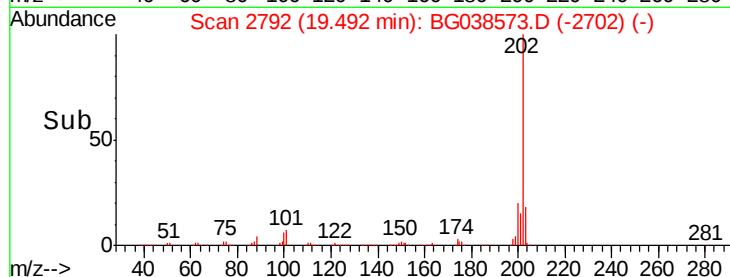
Abundance

Ion 202.00 (201.70 to 202.70): E

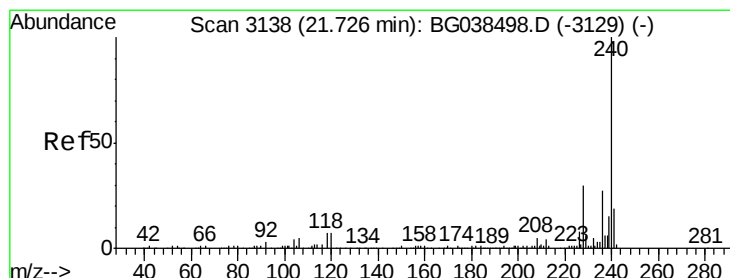
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.49



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

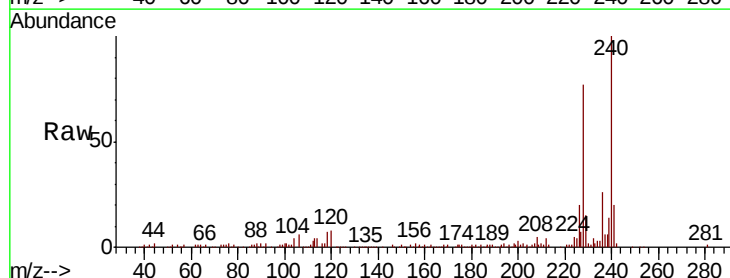
Tgt Ion:240 Resp: 145779

Ion Ratio Lower Upper

240 100

120 7.8 5.3 7.9

236 25.5 21.4 32.2



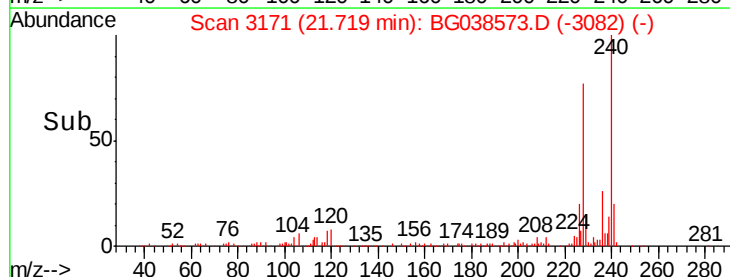
Abundance

Ion 240.00 (239.70 to 240.70): E

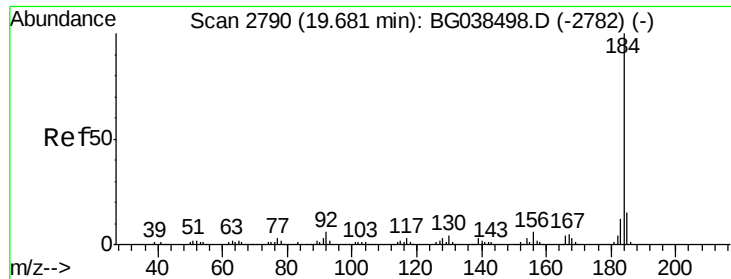
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.72



Time-->



#77

Benzidine

Concen: 46.817 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Instrument :

BNA\_G

ClientSampleId :

PB115343BS

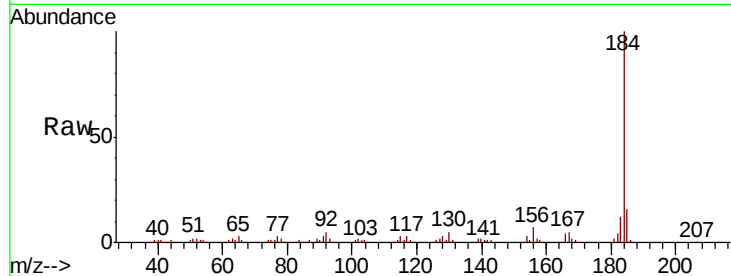
Tgt Ion:184 Resp: 201842

Ion Ratio Lower Upper

184 100

185 15.6 12.2 18.2

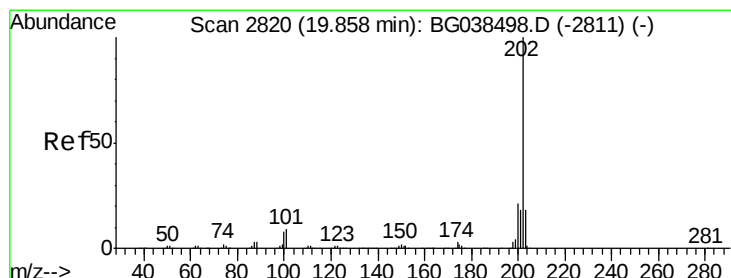
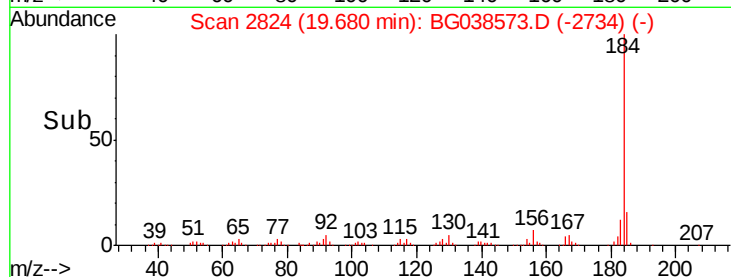
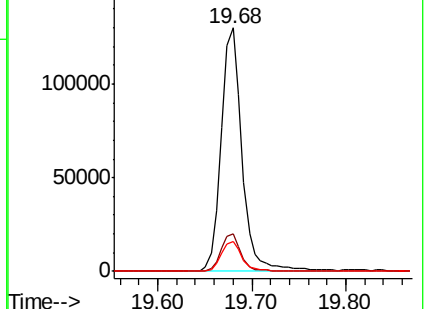
183 12.3 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.120 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

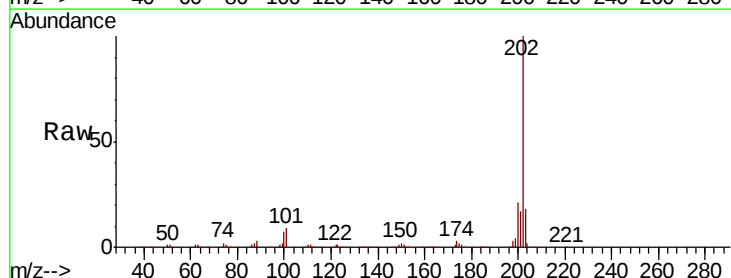
Tgt Ion:202 Resp: 405641

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

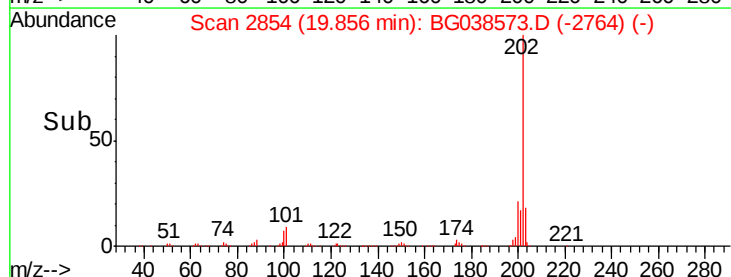
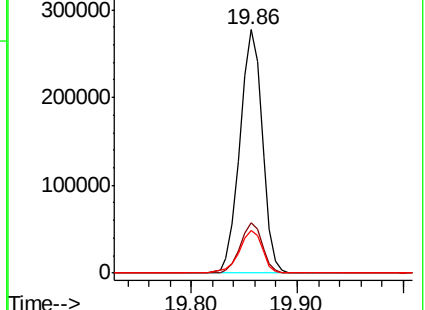
203 17.7 14.6 21.8

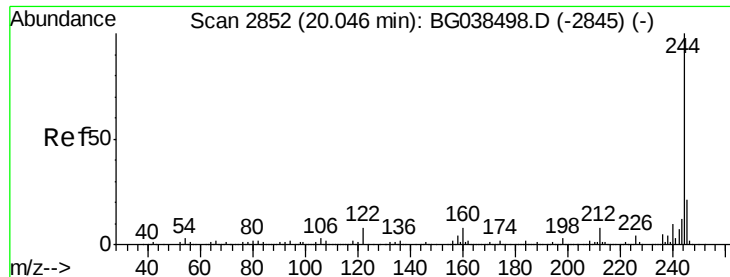


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.885 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Instrument :

BNA\_G

ClientSampleId :

PB115343BS

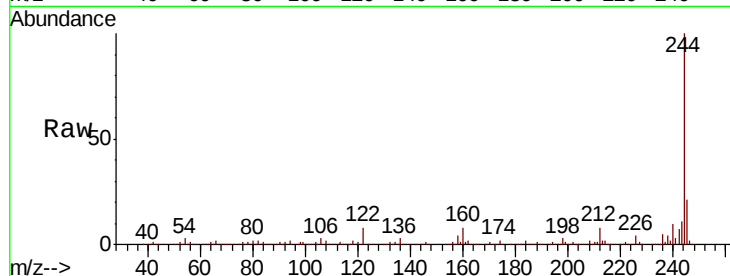
Tgt Ion:244 Resp: 575293

Ion Ratio Lower Upper

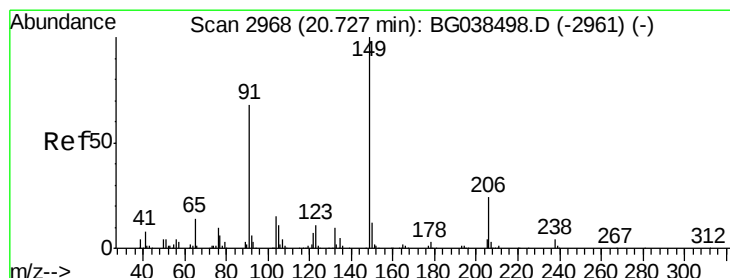
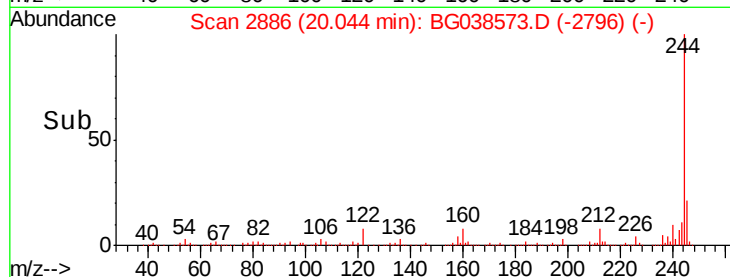
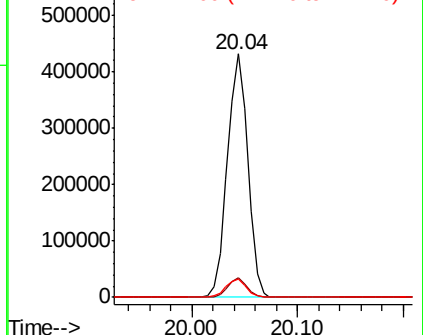
244 100

212 7.8 6.2 9.2

122 7.7 6.3 9.5



Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.941 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

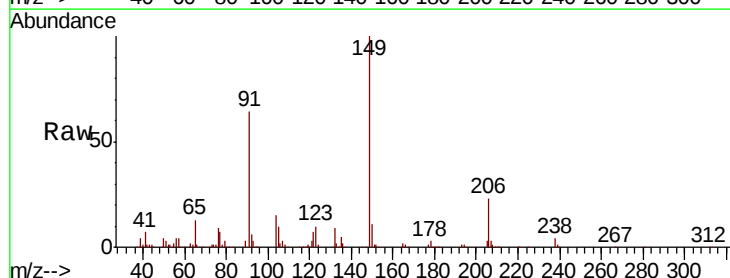
Tgt Ion:149 Resp: 161568

Ion Ratio Lower Upper

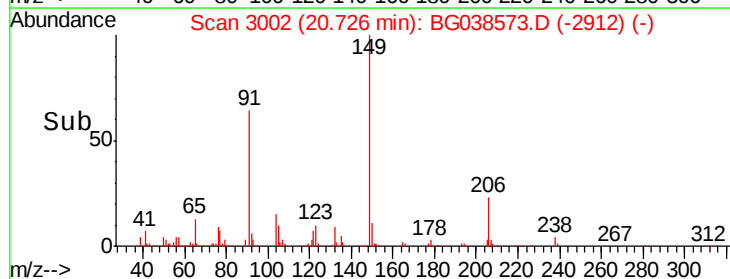
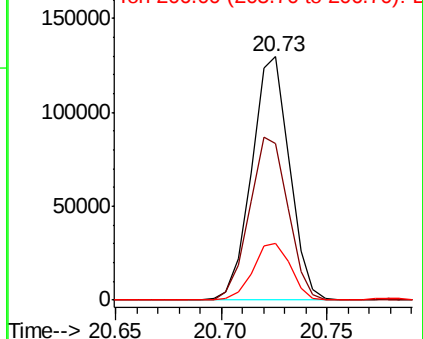
149 100

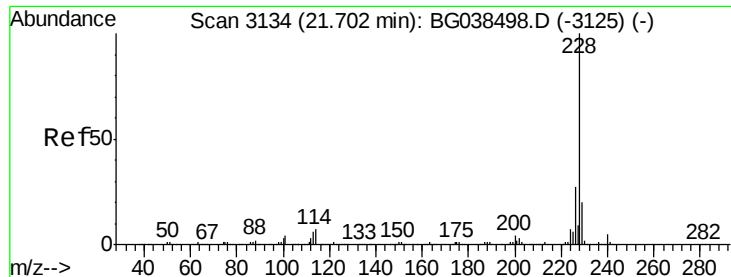
91 64.4 54.5 81.7

206 23.2 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

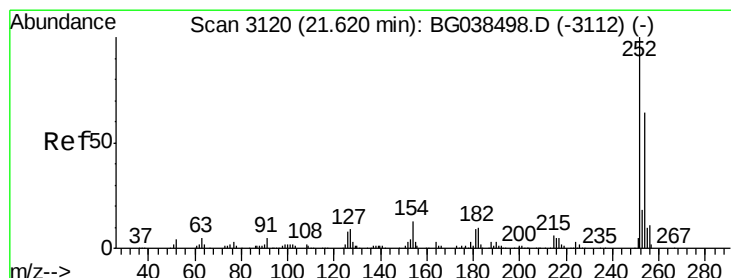
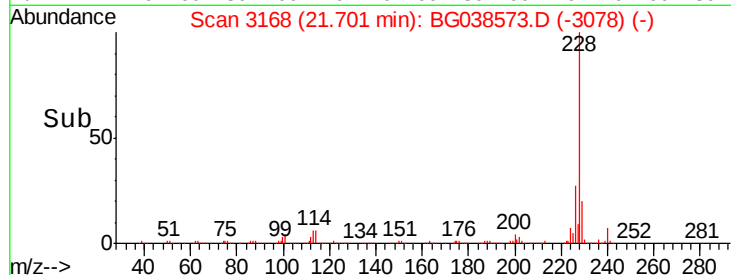
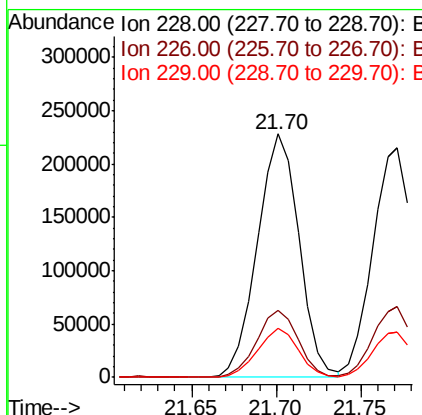
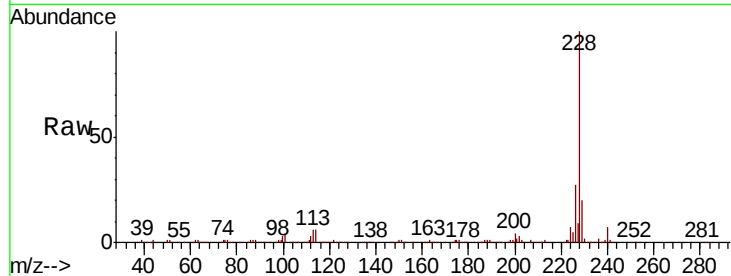




#81  
Benzo(a)anthracene  
Concen: 44.080 ng  
RT: 21.70 min Scan# 3168  
Delta R.T. -0.00 min  
Lab File: BG038573.D  
Acq: 14 Dec 2018 18:28

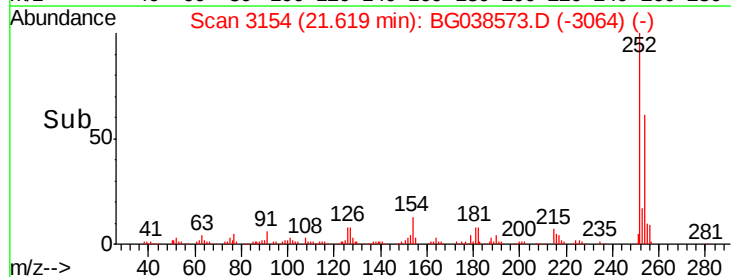
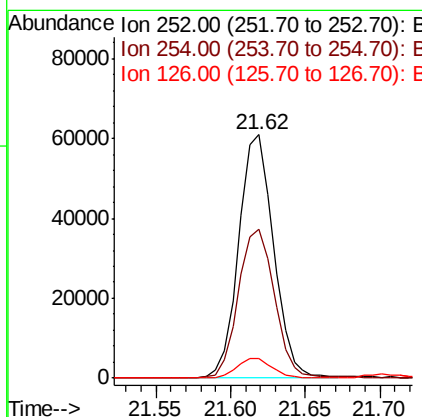
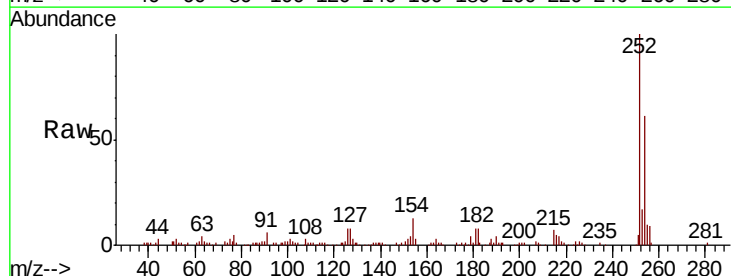
Instrument :  
BNA\_G  
ClientSampleId :  
PB115343BS

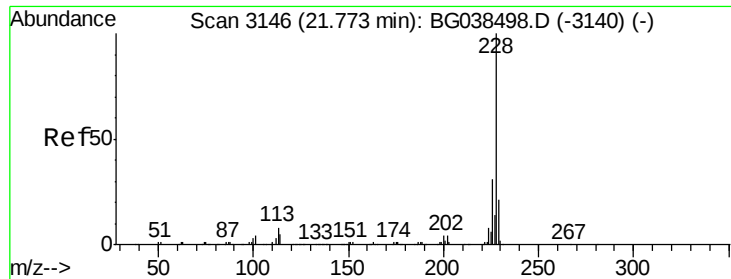
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.3  | 21.8  | 32.8  |
| 229     | 20.0  | 15.8  | 23.6  |



#82  
3,3'-Dichlorobenzidine  
Concen: 28.103 ng  
RT: 21.62 min Scan# 3154  
Delta R.T. -0.00 min  
Lab File: BG038573.D  
Acq: 14 Dec 2018 18:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 61.3  | 50.9  | 76.3  |
| 126     | 7.8   | 6.3   | 9.5   |





#83

Chrysene

Concen: 42.268 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Instrument :

BNA\_G

ClientSampleId :

PB115343BS

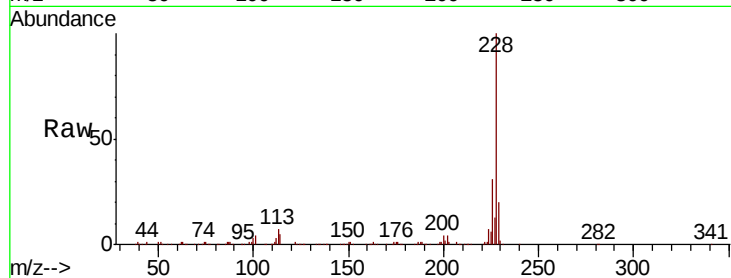
Tgt Ion:228 Resp: 361653

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.4

229 19.7 16.5 24.7

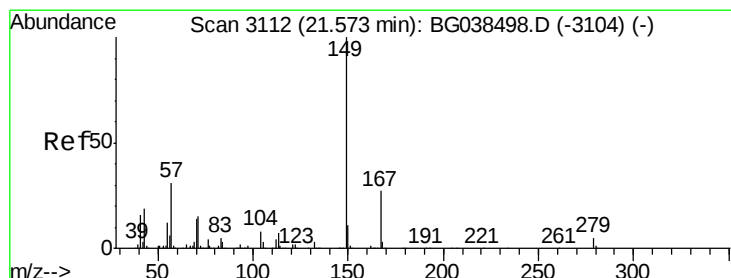
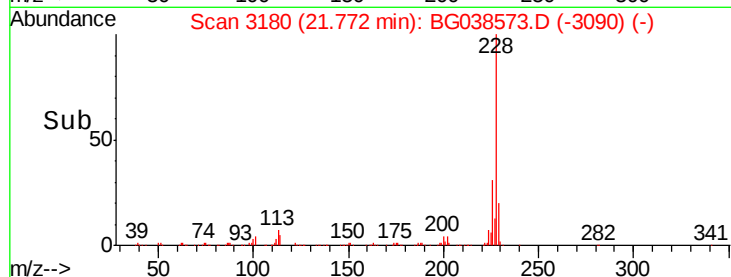
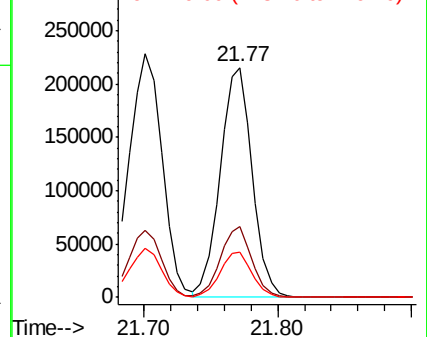


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.909 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

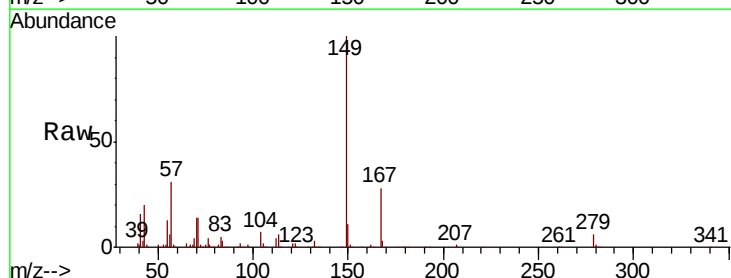
Tgt Ion:149 Resp: 223641

Ion Ratio Lower Upper

149 100

167 27.8 21.9 32.9

279 5.7 4.2 6.2

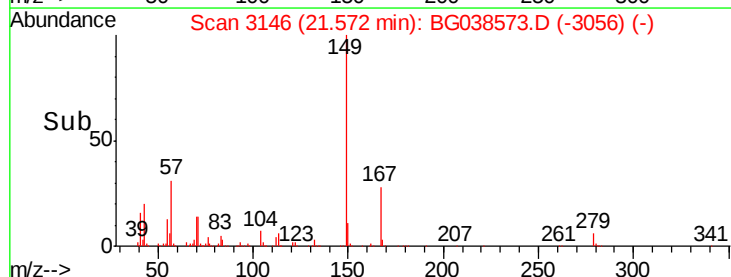
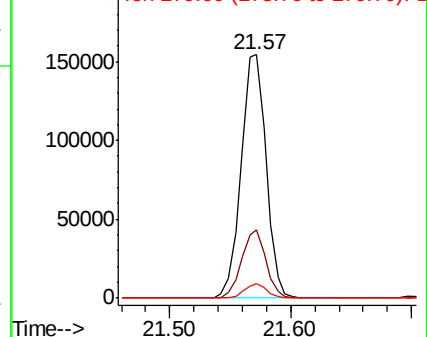


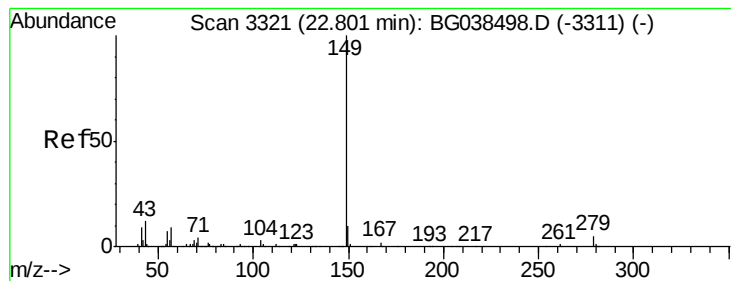
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.633 ng

RT: 22.79 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Instrument :

BNA\_G

ClientSampled :

PB115343BS

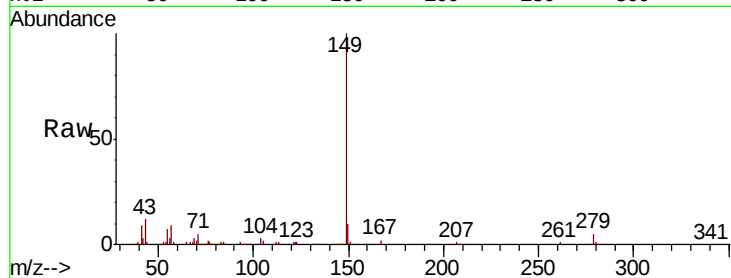
Tgt Ion:149 Resp: 381007

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

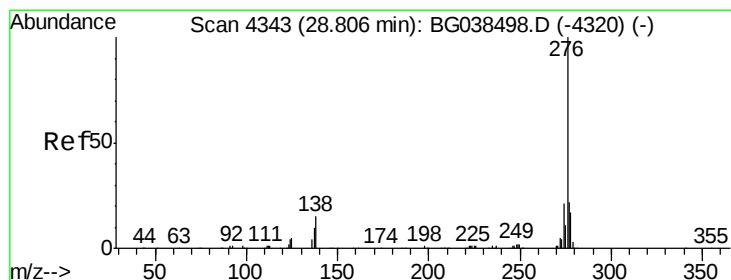
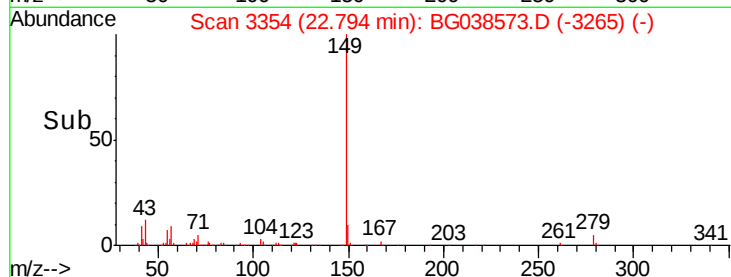
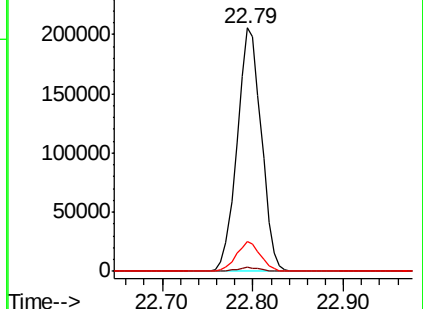
43 11.7 9.3 13.9



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: 43.465 ng

RT: 28.81 min Scan# 4378

Delta R.T. 0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

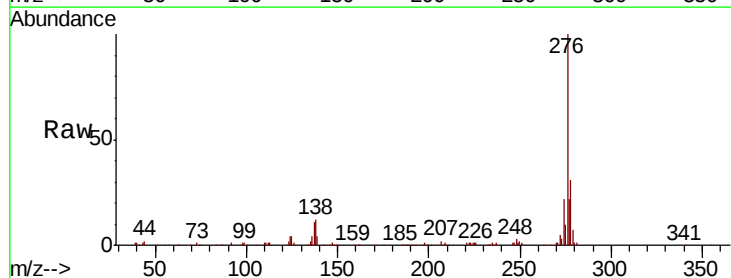
Tgt Ion:276 Resp: 437215

Ion Ratio Lower Upper

276 100

138 16.9 14.4 21.6

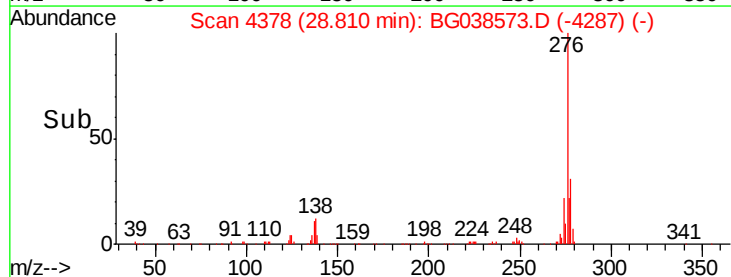
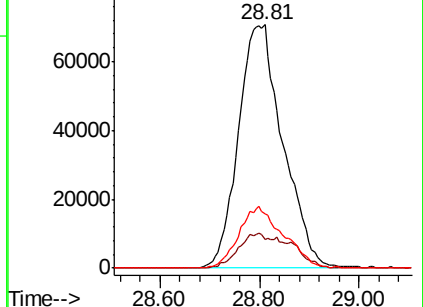
277 25.3 0.0 0.0#

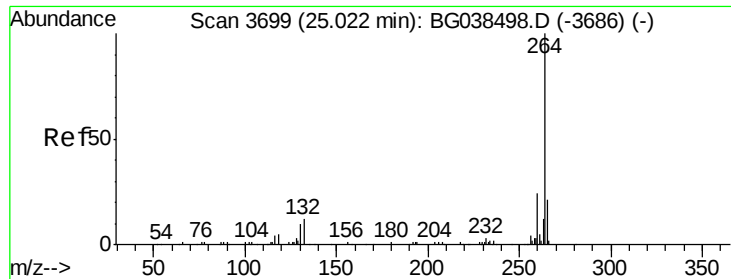


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Instrument :

BNA\_G

ClientSampleId :

PB115343BS

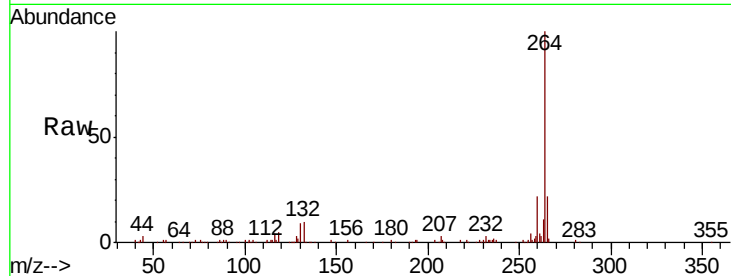
Tgt Ion:264 Resp: 158683

Ion Ratio Lower Upper

264 100

260 22.1 18.9 28.3

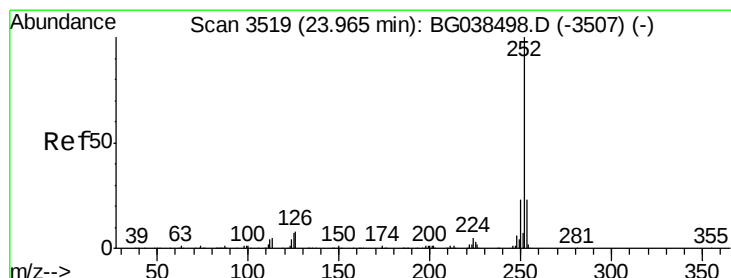
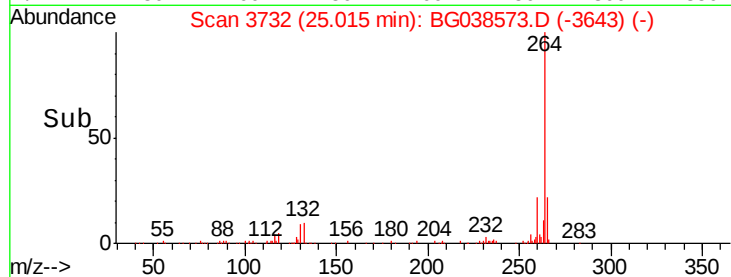
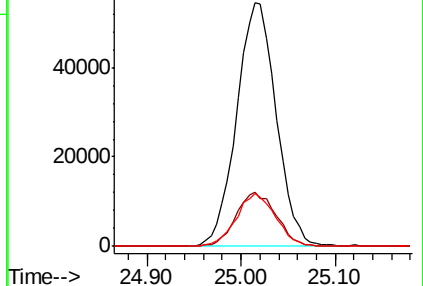
265 21.9 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.576 ng

RT: 23.96 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

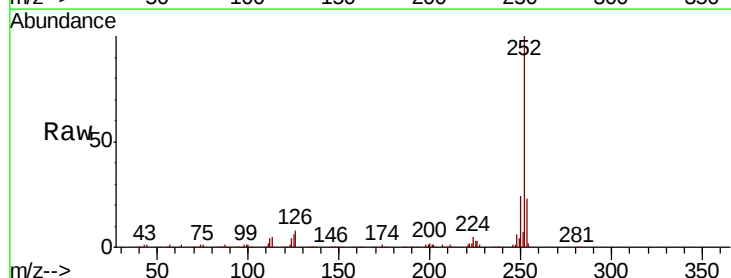
Tgt Ion:252 Resp: 388358

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

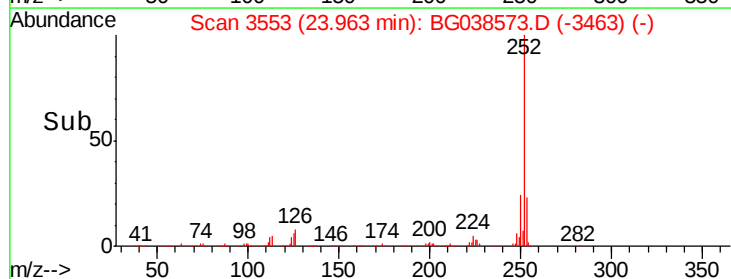
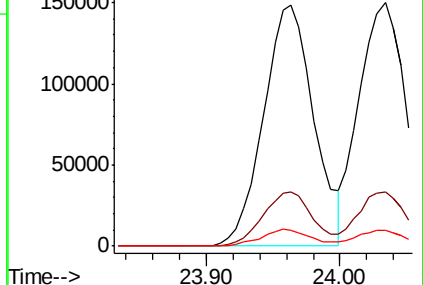
125 6.3 5.5 8.3

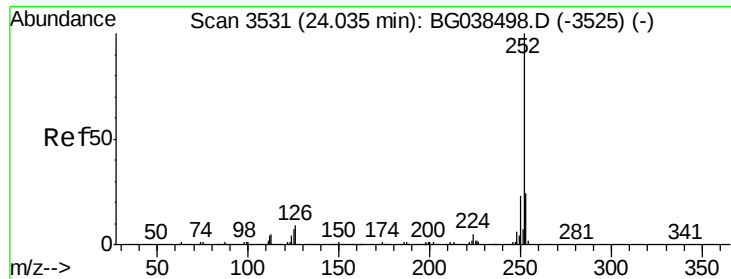


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

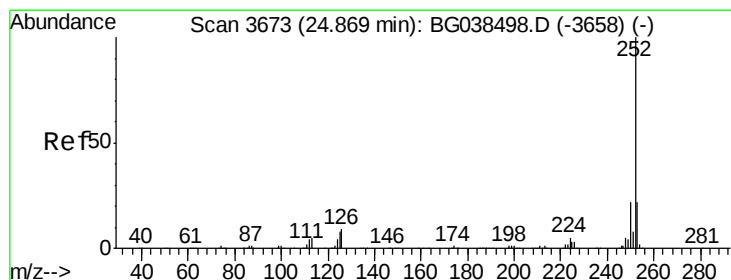
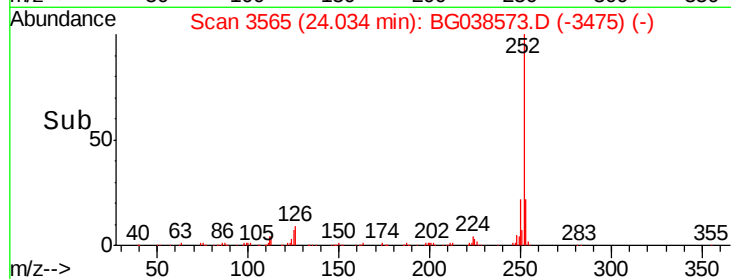
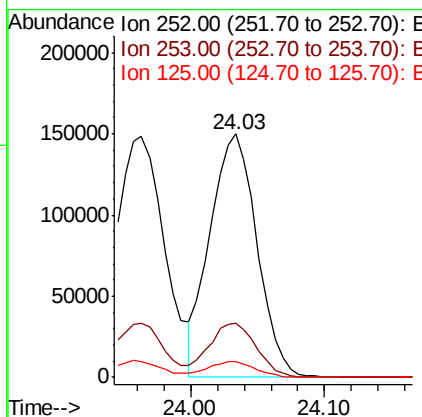
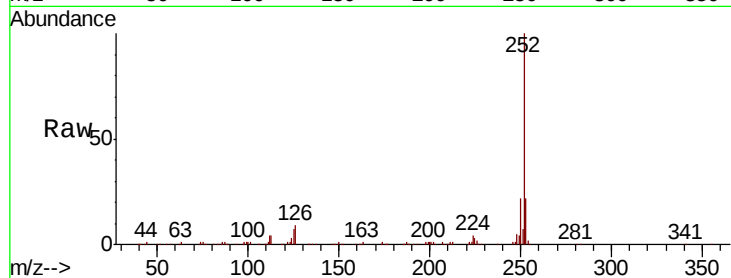




#89  
Benzo(k)fluoranthene  
Concen: 42.220 ng  
RT: 24.03 min Scan# 3565  
Delta R.T. -0.00 min  
Lab File: BG038573.D  
Acq: 14 Dec 2018 18:28

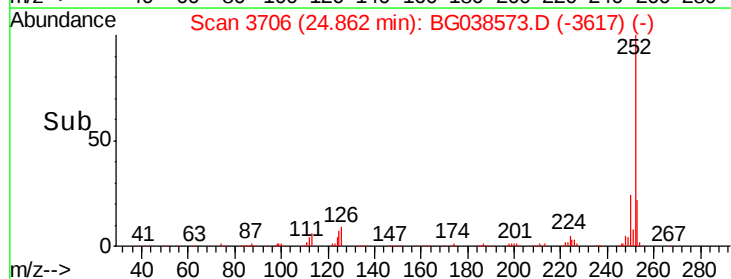
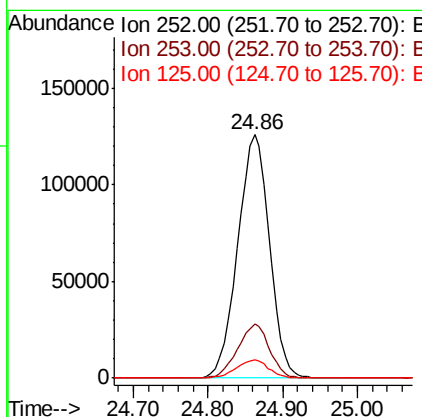
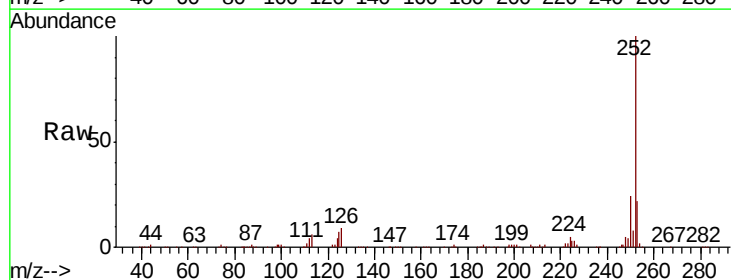
Instrument :  
BNA\_G  
ClientSampleId :  
PB115343BS

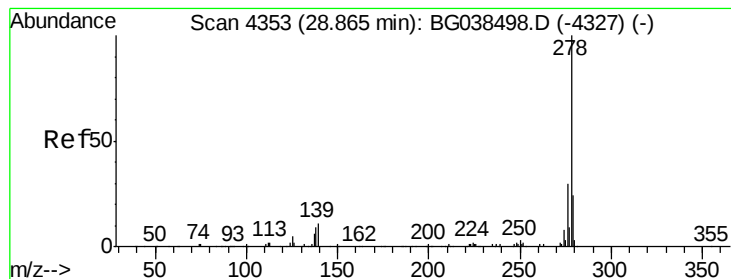
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 366285 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 253      | 22.1  | 18.9  | 28.3   |
| 125      | 6.7   | 5.4   | 8.2    |



#90  
Benzo(a)pyrene  
Concen: 44.306 ng  
RT: 24.86 min Scan# 3706  
Delta R.T. -0.01 min  
Lab File: BG038573.D  
Acq: 14 Dec 2018 18:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 372401 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 253      | 22.2  | 17.4  | 26.0   |
| 125      | 7.4   | 6.4   | 9.6    |





#91

Dibenzo(a,h)anthracene

Concen: 43.854 ng

RT: 28.86 min Scan# 4387

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Instrument :

BNA\_G

ClientSampleId :

PB115343BS

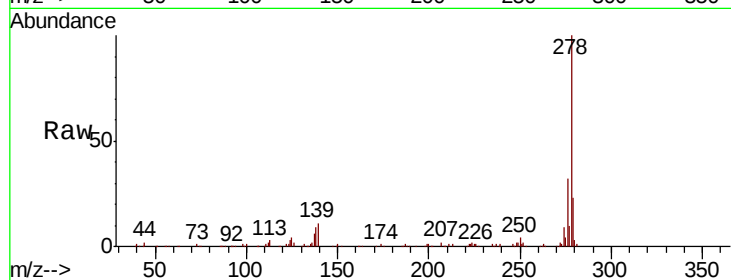
Tgt Ion:278 Resp: 367004

Ion Ratio Lower Upper

278 100

139 10.7 8.6 12.8

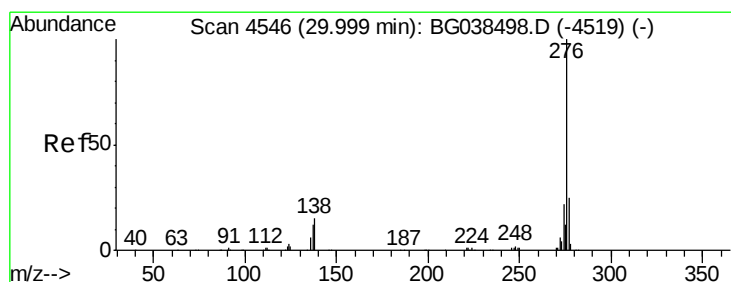
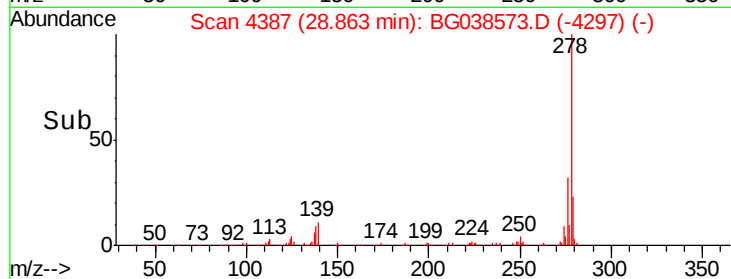
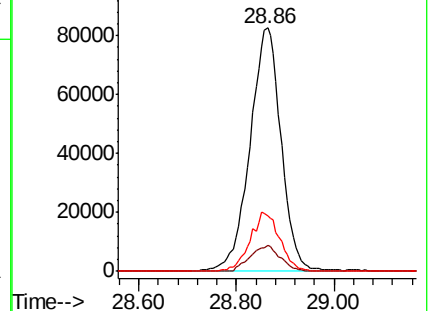
279 22.8 19.0 28.6



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: 43.556 ng

RT: 29.99 min Scan# 4578

Delta R.T. -0.01 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

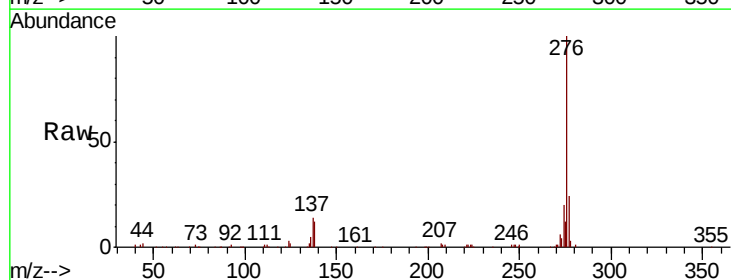
Tgt Ion:276 Resp: 359225

Ion Ratio Lower Upper

276 100

277 23.6 19.8 29.8

138 12.3 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

