

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091118\  
 Data File : BG036670.D  
 Acq On : 12 Sep 2018 00:01  
 Operator : JU/SJ  
 Sample : PB112760BS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB112760BS

Quant Time: Sep 12 04:05:26 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 31 13:03:20 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.05  | 152  | 62090    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.86 | 136  | 274050   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.68 | 164  | 200096   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.42 | 188  | 482436   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.69 | 240  | 419597   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.89 | 264  | 438917   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.62  | 112 | 395586  | 101.07 | ng | 0.00 |
| 7) Phenol-d6             | 7.22  | 99  | 578040  | 103.15 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.22  | 82  | 517523  | 102.46 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.17 | 330 | 261869  | 109.68 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.30 | 172 | 1237096 | 88.28  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.03 | 244 | 1763850 | 98.25  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.53  | 88  | 47552  | 26.032 | ng | 98     |
| 3) Pyridine                    | 3.92  | 79  | 156903 | 30.601 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.84  | 42  | 90665  | 39.700 | ng | 96     |
| 6) Aniline                     | 7.38  | 93  | 164193 | 23.082 | ng | 96     |
| 8) 2-Chlorophenol              | 7.62  | 128 | 202018 | 47.593 | ng | 97     |
| 9) Benzaldehyde                | 7.19  | 77  | 100129 | 25.946 | ng | 99     |
| 10) Phenol                     | 7.24  | 94  | 285077 | 48.610 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.47  | 93  | 185624 | 39.924 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 7.94  | 146 | 190246 | 39.252 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 8.09  | 146 | 195403 | 39.931 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.41  | 146 | 187818 | 40.189 | ng | 96     |
| 15) Benzyl Alcohol             | 8.29  | 79  | 207539 | 45.939 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.58  | 45  | 370588 | 39.524 | ng | 98     |
| 17) 2-Methylphenol             | 8.49  | 107 | 194212 | 49.873 | ng | 98     |
| 18) Hexachloroethane           | 9.14  | 117 | 70599  | 40.240 | ng | 94     |
| 19) n-Nitroso-di-n-propylamine | 8.86  | 70  | 171857 | 41.033 | ng | 96     |
| 20) 3+4-Methylphenols          | 8.82  | 107 | 271985 | 50.027 | ng | 99     |
| 22) Acetophenone               | 8.87  | 105 | 313131 | 43.512 | ng | # 99   |
| 24) Nitrobenzene               | 9.26  | 77  | 255438 | 46.898 | ng | 98     |
| 25) Isophorone                 | 9.78  | 82  | 493444 | 49.177 | ng | 99     |
| 26) 2-Nitrophenol              | 9.96  | 139 | 114812 | 53.195 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 10.02 | 122 | 220322 | 55.137 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 10.26 | 93  | 286988 | 46.603 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 10.51 | 162 | 239686 | 54.732 | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 10.72 | 180 | 227413 | 44.390 | ng | 98     |
| 31) Naphthalene                | 10.91 | 128 | 655487 | 47.848 | ng | 99     |
| 32) Benzoic acid               | 10.17 | 122 | 124998 | 42.735 | ng | 96     |
| 33) 4-Chloroaniline            | 11.01 | 127 | 86544  | 13.786 | ng | 98     |
| 34) Hexachlorobutadiene        | 11.19 | 225 | 151030 | 43.878 | ng | 98     |
| 35) Caprolactam                | 11.80 | 113 | 90158  | 51.680 | ng | 96     |
| 36) 4-Chloro-3-methylphenol    | 12.13 | 107 | 274257 | 53.897 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.51 | 142 | 526747 | 52.549 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.88 | 216 | 307464 | 43.420 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 12.86 | 237 | 364832 | 99.022 | ng | 100    |

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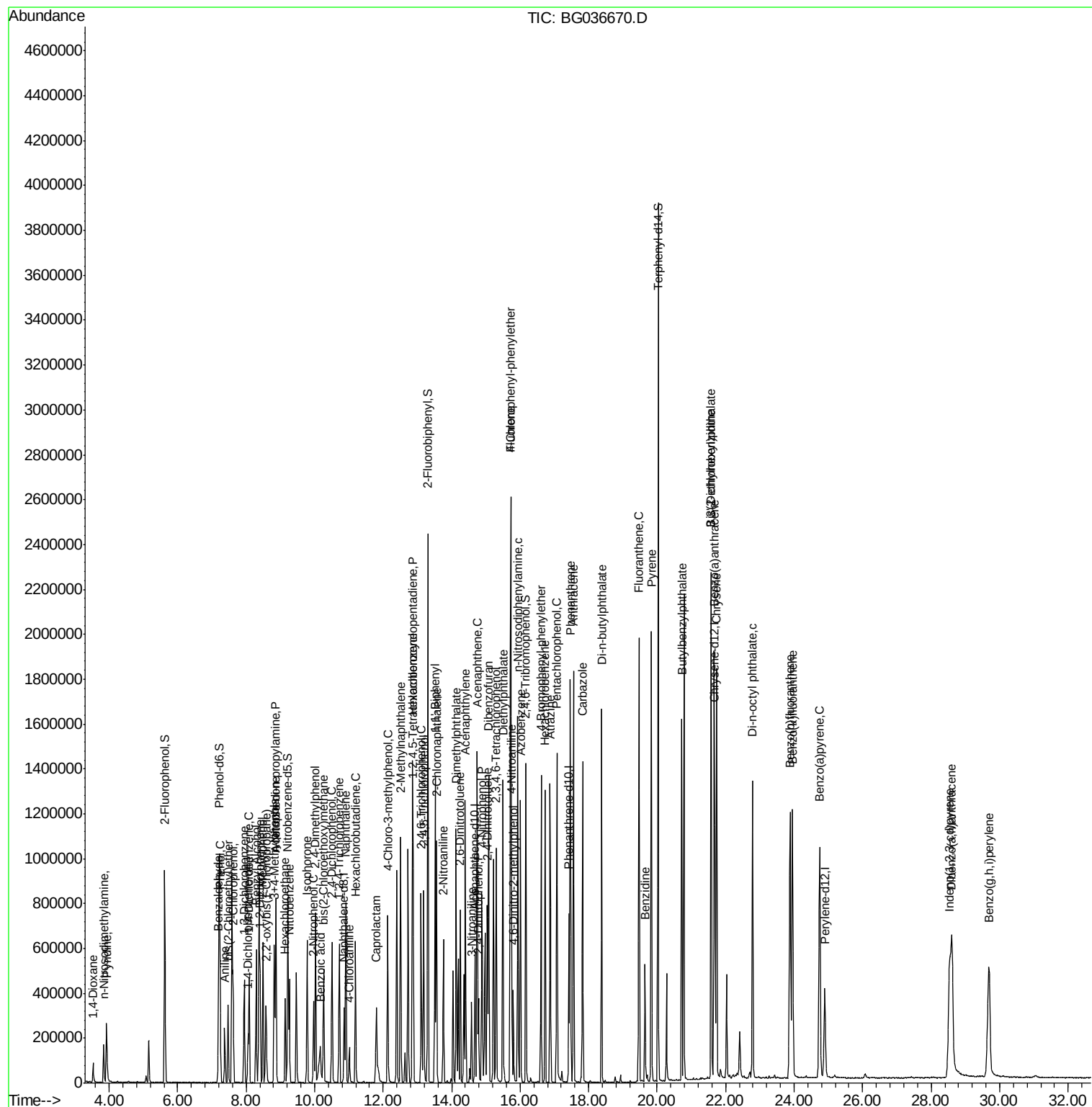
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.11 | 196  | 215819   | 50.033 | ng    | 100      |
| 43) 2,4,5-Trichlorophenol      | 13.18 | 196  | 233674   | 50.790 | ng    | 99       |
| 45) 1,1'-Biphenyl              | 13.51 | 154  | 705046   | 42.448 | ng    | 100      |
| 46) 2-Chloronaphthalene        | 13.56 | 162  | 547732   | 43.197 | ng    | 99       |
| 47) 2-Nitroaniline             | 13.76 | 65   | 199258   | 50.043 | ng    | 97       |
| 48) Acenaphthylene             | 14.40 | 152  | 931230   | 46.992 | ng    | 99       |
| 49) Dimethylphthalate          | 14.14 | 163  | 764967   | 46.818 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.25 | 165  | 170389   | 50.679 | ng    | 95       |
| 51) Acenaphthene               | 14.74 | 154  | 556449   | 43.844 | ng    | 99       |
| 52) 3-Nitroaniline             | 14.58 | 138  | 87953    | 24.276 | ng    | 98       |
| 53) 2,4-Dinitrophenol          | 14.78 | 184  | 89669    | 70.412 | ng    | 98       |
| 54) Dibenzofuran               | 15.08 | 168  | 893200   | 44.922 | ng    | 99       |
| 55) 4-Nitrophenol              | 14.88 | 139  | 223910   | 75.585 | ng    | 95       |
| 56) 2,4-Dinitrotoluene         | 15.04 | 165  | 234061   | 53.416 | ng    | 93       |
| 57) Fluorene                   | 15.73 | 166  | 720774   | 48.491 | ng    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.30 | 232  | 230118   | 53.235 | ng    | 97       |
| 59) Diethylphthalate           | 15.49 | 149  | 763783   | 46.385 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.72 | 204  | 424638   | 46.265 | ng    | 99       |
| 61) 4-Nitroaniline             | 15.75 | 138  | 162451   | 42.848 | ng    | 96       |
| 62) Azobenzene                 | 16.01 | 77   | 745052   | 44.470 | ng    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 15.80 | 198  | 98759    | 46.601 | ng    | 97       |
| 65) n-Nitrosodiphenylamine     | 15.93 | 169  | 663000   | 46.251 | ng    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.61 | 248  | 276999   | 49.041 | ng    | 99       |
| 67) Hexachlorobenzene          | 16.73 | 284  | 279538   | 48.400 | ng    | 99       |
| 68) Atrazine                   | 16.88 | 200  | 273637   | 50.857 | ng    | 97       |
| 69) Pentachlorophenol          | 17.07 | 266  | 294531   | 75.033 | ng    | 98       |
| 70) Phenanthrene               | 17.47 | 178  | 1154844  | 47.110 | ng    | 97       |
| 71) Anthracene                 | 17.56 | 178  | 1157143  | 47.354 | ng    | 97       |
| 72) Carbazole                  | 17.82 | 167  | 949968   | 38.927 | ng    | 99       |
| 73) Di-n-butylphthalate        | 18.38 | 149  | 1110877  | 40.878 | ng    | 99       |
| 74) Fluoranthene               | 19.47 | 202  | 1264004  | 42.292 | ng    | 100      |
| 76) Benzidine                  | 19.65 | 184  | 331203   | 24.741 | ng    | 99       |
| 77) Pyrene                     | 19.83 | 202  | 1230118  | 47.674 | ng    | 98       |
| 79) Butylbenzylphthalate       | 20.72 | 149  | 479283   | 46.674 | ng    | 93       |
| 80) Benzo(a)anthracene         | 21.67 | 228  | 1226977  | 48.268 | ng    | 97       |
| 81) 3,3'-Dichlorobenzidine     | 21.58 | 252  | 241219   | 23.810 | ng    | 99       |
| 82) Chrysene                   | 21.73 | 228  | 1149995  | 47.728 | ng    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 21.57 | 149  | 666489   | 46.382 | ng    | 99       |
| 84) Di-n-octyl phthalate       | 22.79 | 149  | 1130750  | 47.111 | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.54 | 276  | 1327679  | 47.442 | ng    | 98       |
| 87) Benzo(b)fluoranthene       | 23.88 | 252  | 1239984  | 50.875 | ng    | 99       |
| 88) Benzo(k)fluoranthene       | 23.95 | 252  | 1182684  | 49.669 | ng    | 99       |
| 89) Benzo(a)pyrene             | 24.75 | 252  | 1189740  | 50.798 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 28.61 | 278  | 1057883  | 46.787 | ng    | 98       |
| 91) Benzo(g,h,i)perylene       | 29.69 | 276  | 1085890  | 47.791 | ng    | 97       |

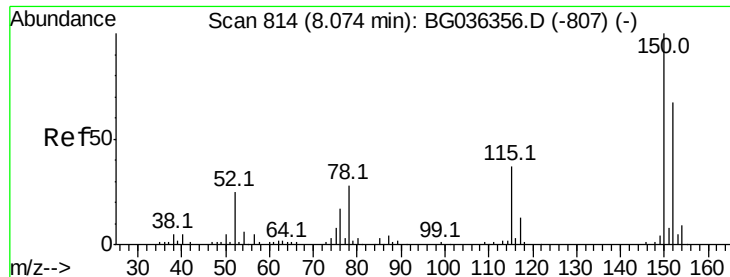
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 31 13:03:20 2018  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 810

Delta R.T. -0.01 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

Instrument :

BNA\_G

ClientSampleId :

PB112760BS

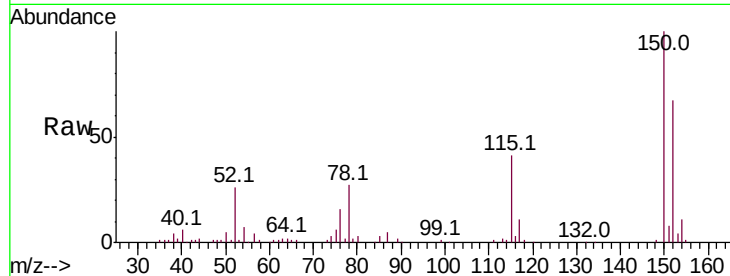
Tot Ion:152 Resp: 62090

Ion Ratio Lower Upper

152 100

150 149.0 119.5 179.3

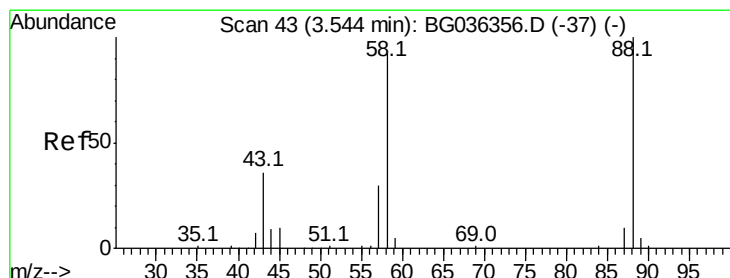
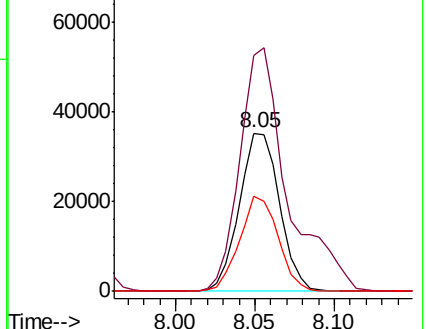
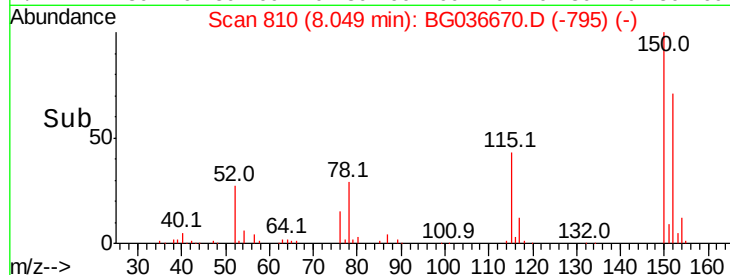
115 60.5 44.5 66.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 26.032 ng

RT: 3.53 min Scan# 41

Delta R.T. -0.01 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

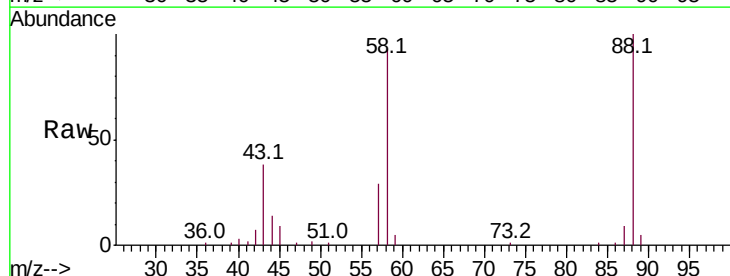
Tgt Ion: 88 Resp: 47552

Ion Ratio Lower Upper

88 100

58 93.3 72.6 109.0

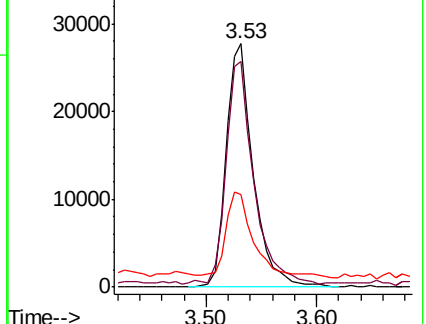
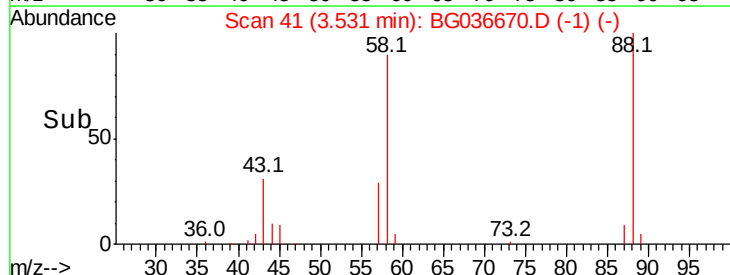
43 36.8 29.0 43.4

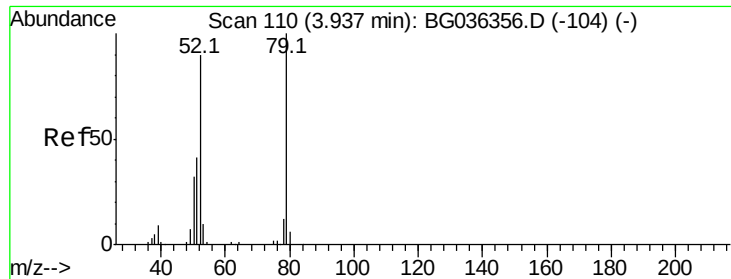


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 30.601 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

Instrument :

BNA\_G

ClientSampleId :

PB112760BS

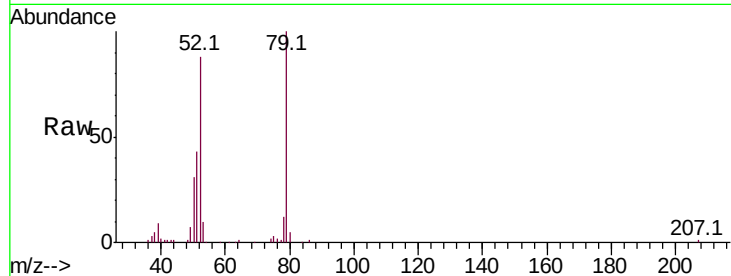
Tot Ion: 79 Resp: 156903

Ion Ratio Lower Upper

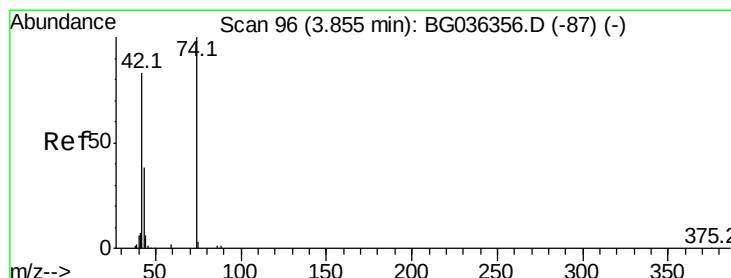
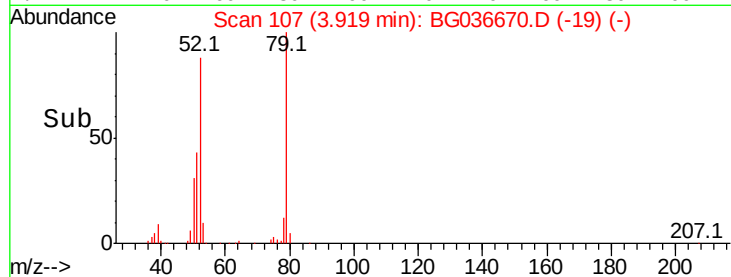
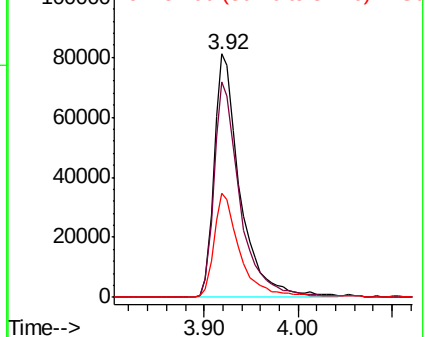
79 100

52 88.3 72.3 108.5

51 43.0 33.8 50.6



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



#4

n-Nitrosodimethylamine

Concen: 39.700 ng

RT: 3.84 min Scan# 93

Delta R.T. -0.01 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

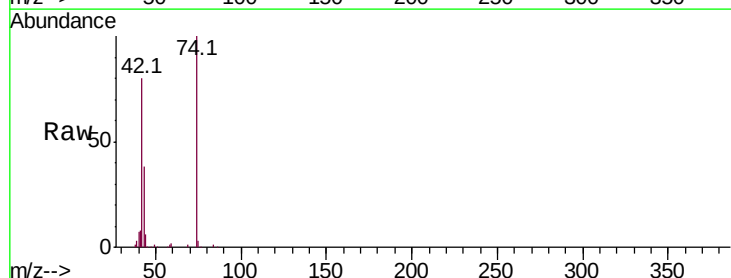
Tgt Ion: 42 Resp: 90665

Ion Ratio Lower Upper

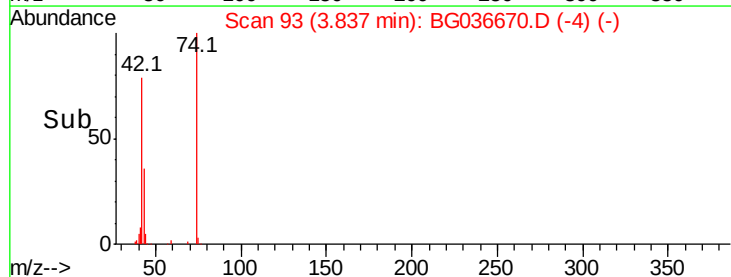
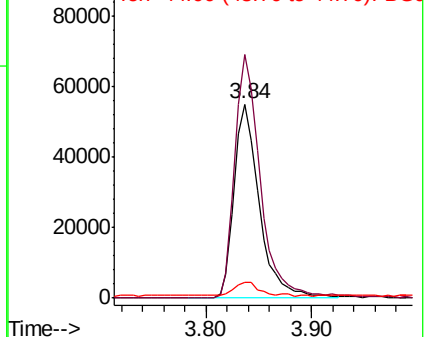
42 100

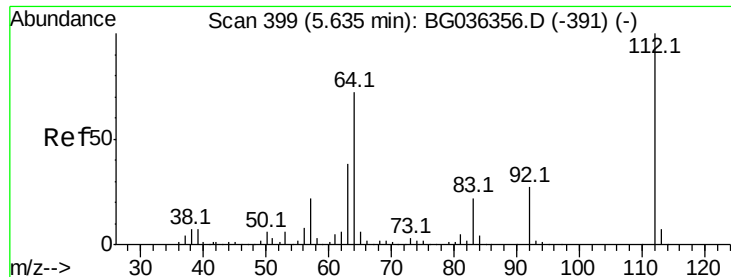
74 125.6 96.6 145.0

44 8.1 7.0 10.4



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





#5

2-Fluorophenol

Concen: 101.066 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

Instrument :

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ClientSampleId :

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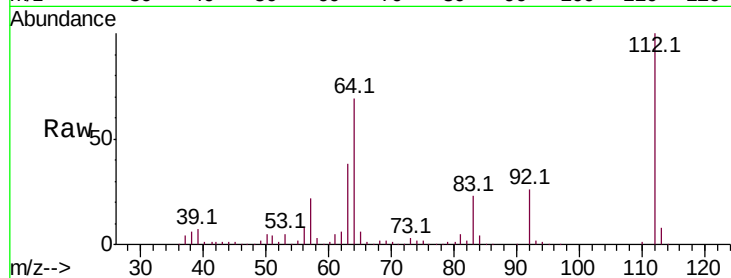
Tot Ion:112 Resp: 395586

Ion Ratio Lower Upper

112 100

64 69.0 57.2 85.8

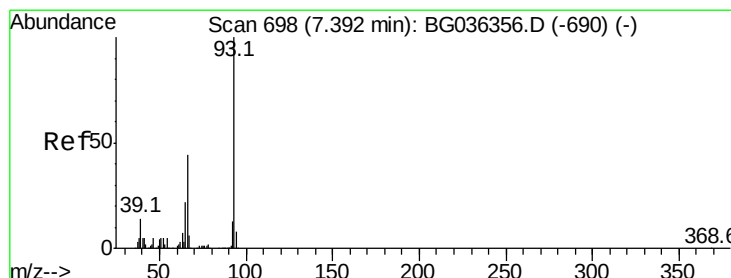
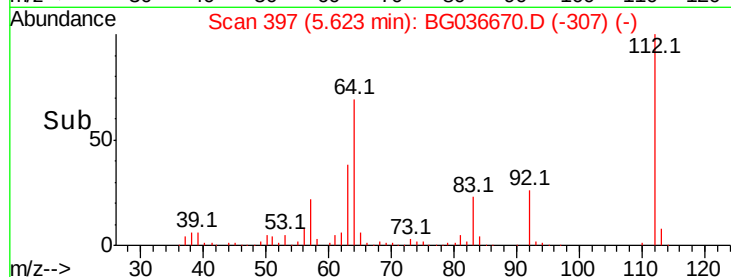
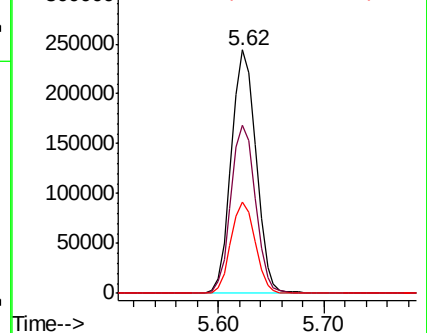
63 37.7 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.082 ng

RT: 7.38 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

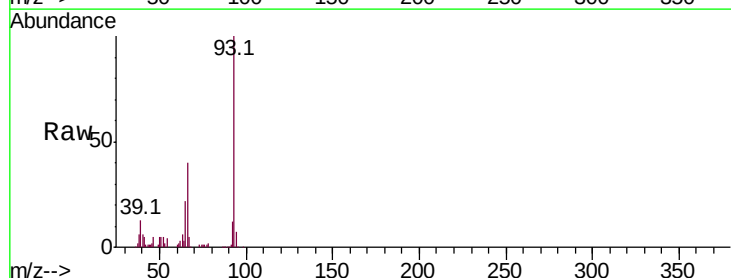
Tgt Ion: 93 Resp: 164193

Ion Ratio Lower Upper

93 100

66 40.0 35.0 52.4

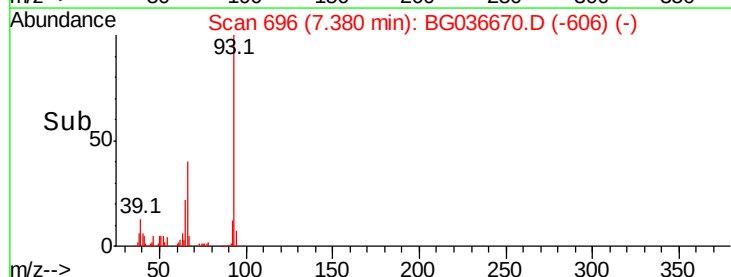
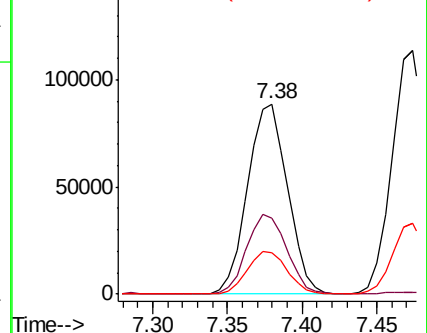
65 21.8 17.6 26.4

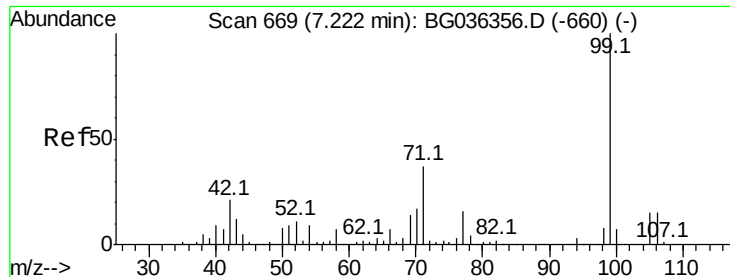


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 103.146 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

Instrument :

BNA\_G

ClientSampleId :

PB112760BS

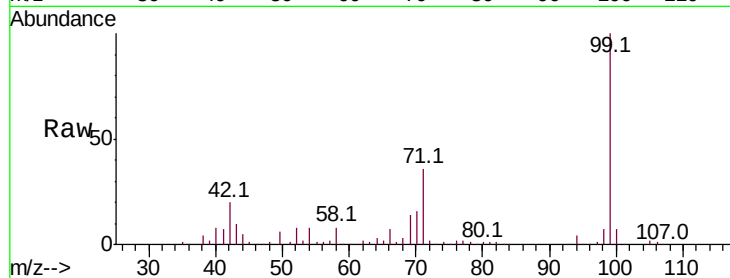
Tot Ion: 99 Resp: 578040

Ion Ratio Lower Upper

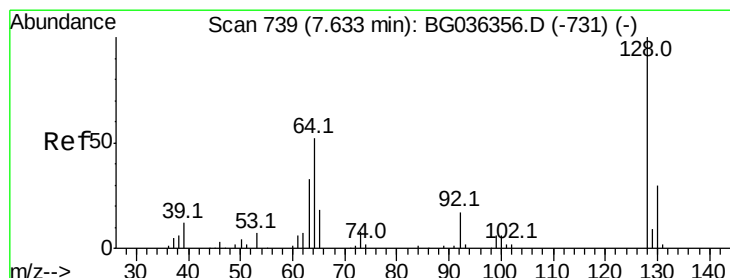
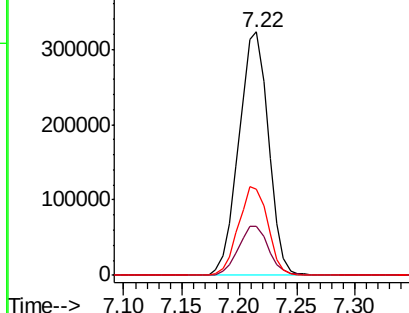
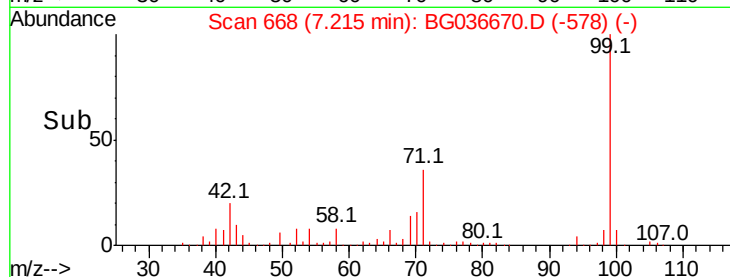
99 100

42 19.9 16.5 24.7

71 35.6 29.4 44.2



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



#8

2-Chlorophenol

Concen: 47.593 ng

RT: 7.62 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

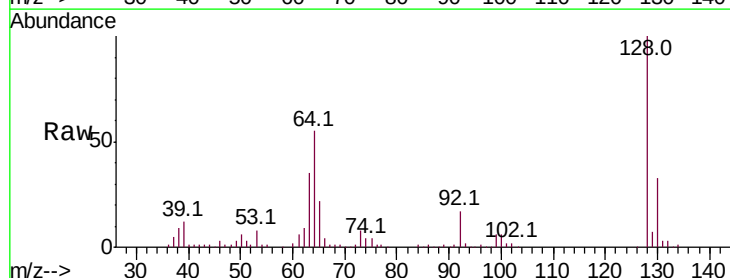
Tgt Ion: 128 Resp: 202018

Ion Ratio Lower Upper

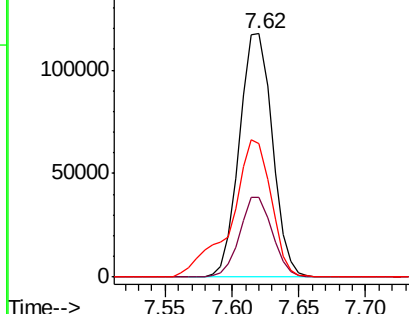
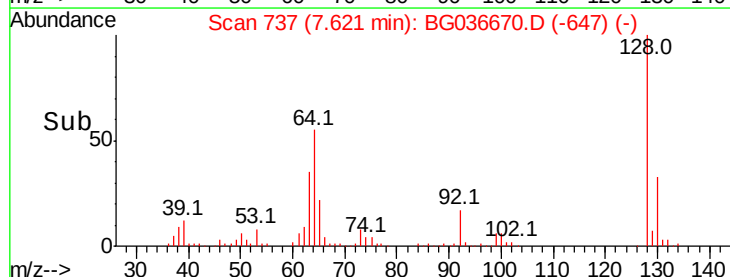
128 100

130 32.7 10.0 50.0

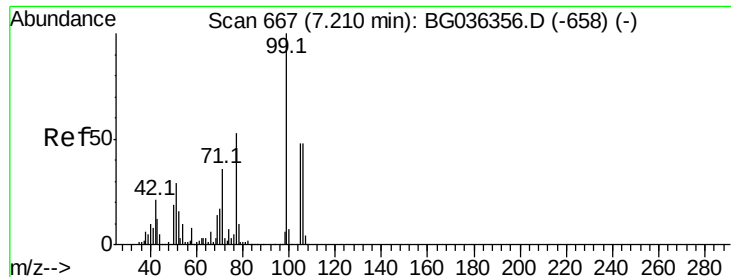
64 55.0 36.0 76.0



Abundance Ion 128.00 (127.70 to 128.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC  
Ion 64.00 (63.70 to 64.70): BGC







#9

Benzaldehyde

Concen: 25.946 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

Instrument :

BNA\_G

ClientSampleId :

PB112760BS

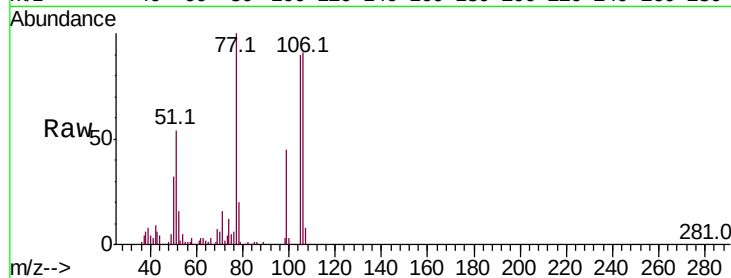
Tot Ion: 77 Resp: 100129

Ion Ratio Lower Upper

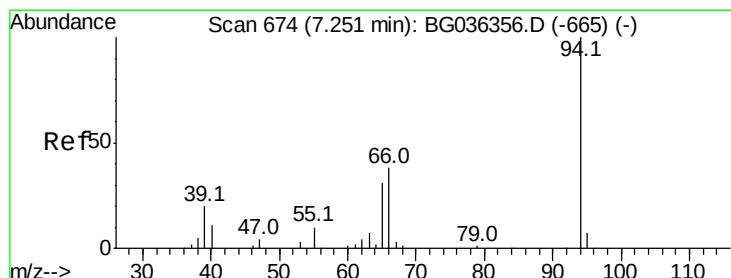
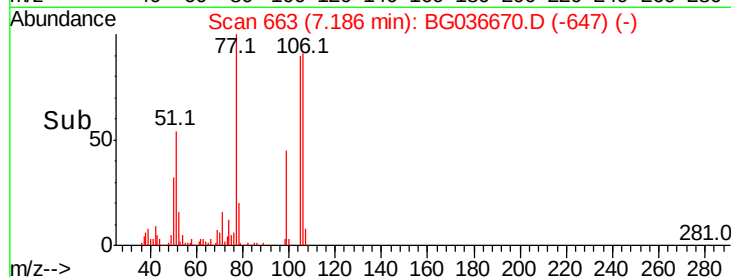
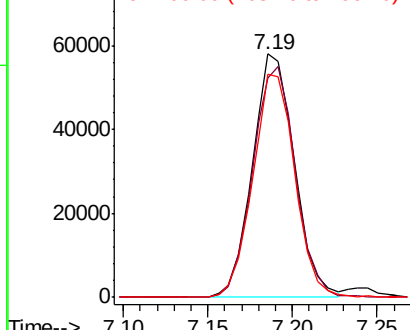
77 100

105 90.3 70.5 110.5

106 91.5 69.8 109.8



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



#10

Phenol

Concen: 48.610 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.00 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

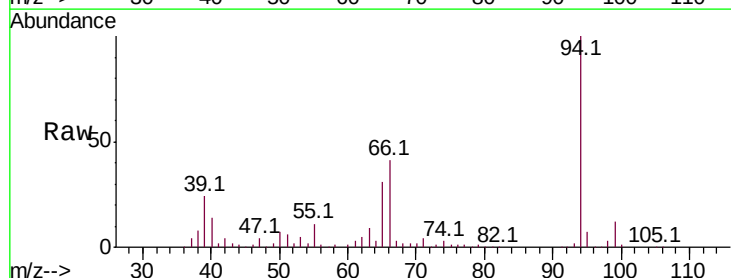
Tgt Ion: 94 Resp: 285077

Ion Ratio Lower Upper

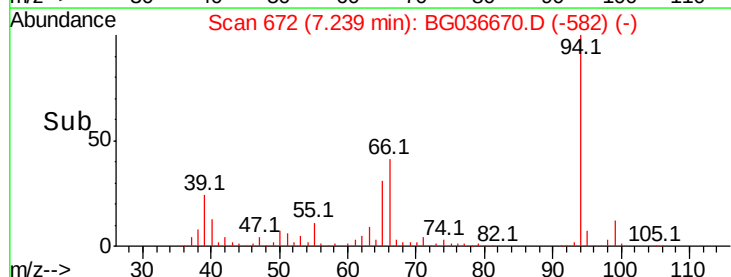
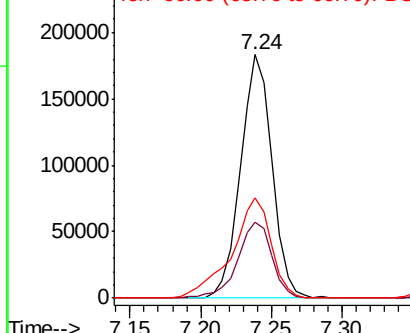
94 100

65 31.3 11.5 51.5

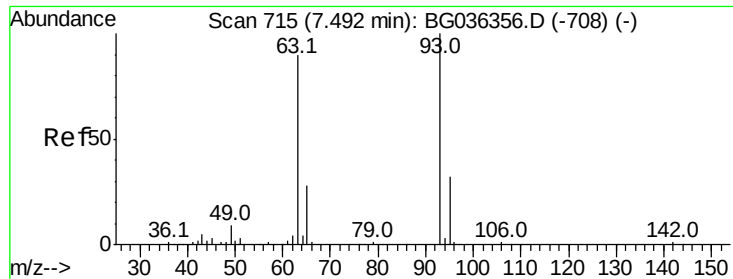
66 41.1 19.5 59.5



Abundance Ion 94.00 (93.70 to 94.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC







#11

bis(2-Chloroethyl)ether

Concen: 39.924 ng

RT: 7.47 min Scan# 712

Delta R.T. -0.01 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

Instrument :

BNA\_G

ClientSampleId :

PB112760BS

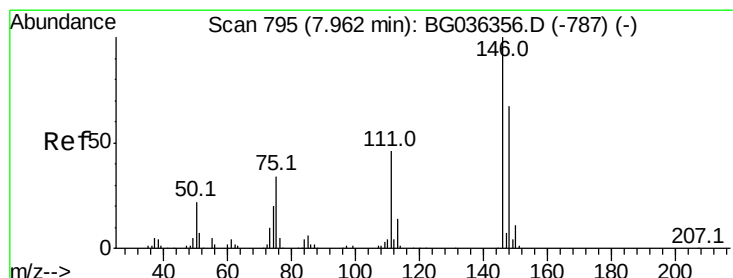
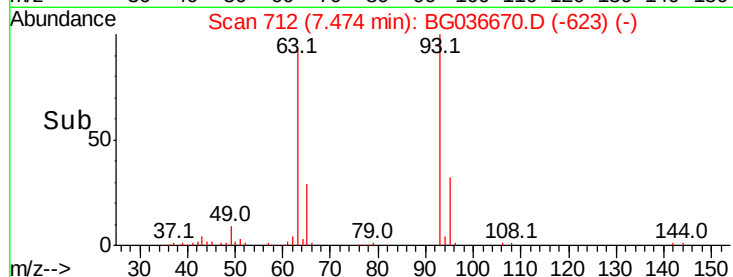
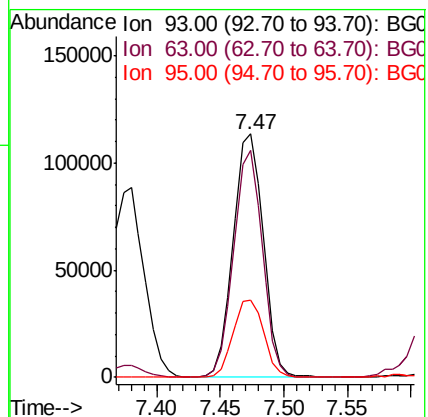
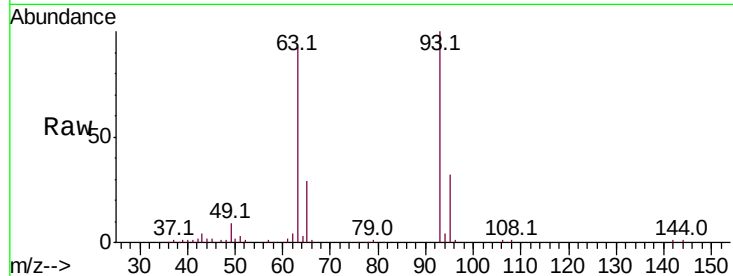
Tot Ion: 93 Resp: 185624

Ion Ratio Lower Upper

93 100

63 93.5 69.9 109.9

95 31.7 11.7 51.7



#12

1,3-Dichlorobenzene

Concen: 39.252 ng

RT: 7.94 min Scan# 792

Delta R.T. -0.01 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

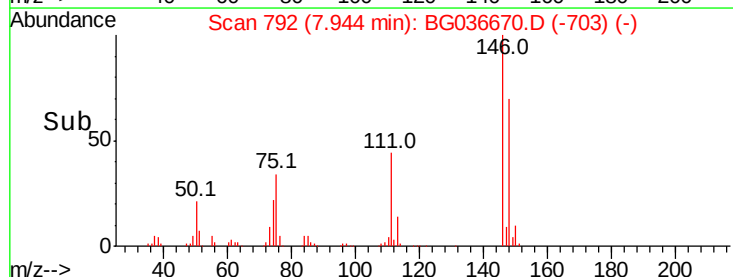
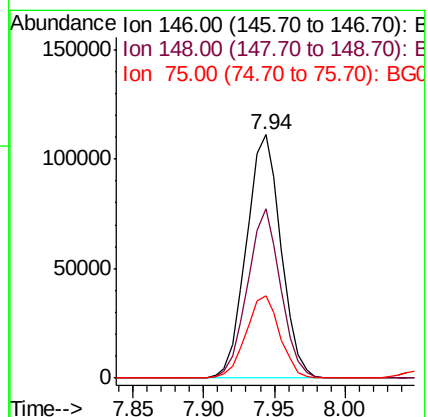
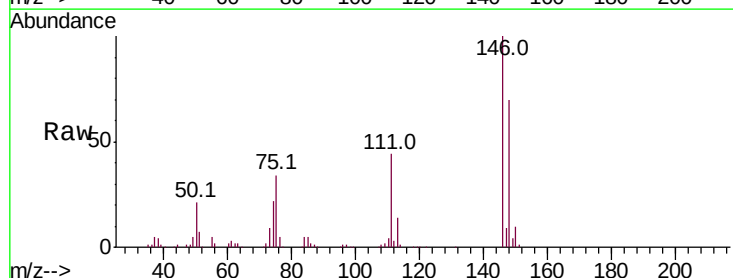
Tgt Ion: 146 Resp: 190246

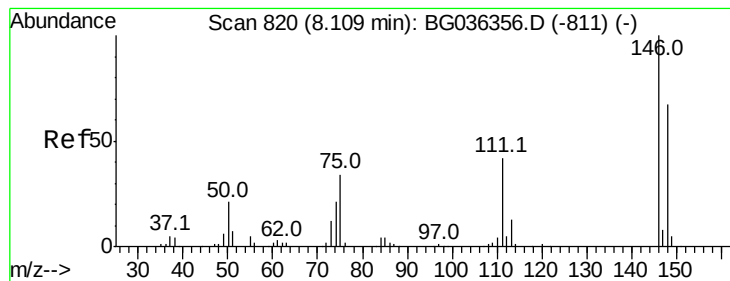
Ion Ratio Lower Upper

146 100

148 69.7 53.8 80.6

75 33.6 27.2 40.8





#13

1,4-Dichlorobenzene

Concen: 39.931 ng

RT: 8.09 min Scan# 817

Delta R.T. -0.01 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

Instrument :

BNA\_G

ClientSampleId :

PB112760BS

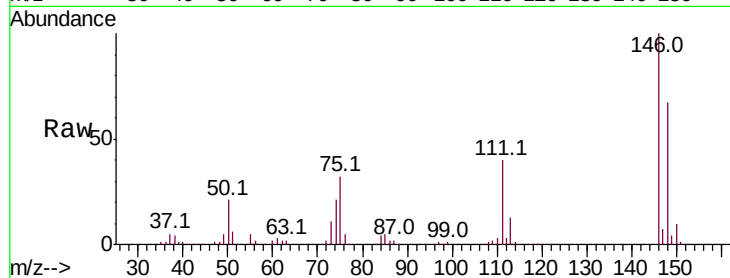
Tot Ion:146 Resp: 195403

Ion Ratio Lower Upper

146 100

148 66.8 53.9 80.9

111 40.2 33.8 50.6

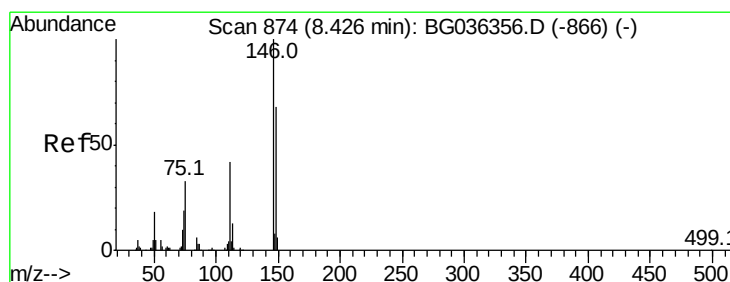
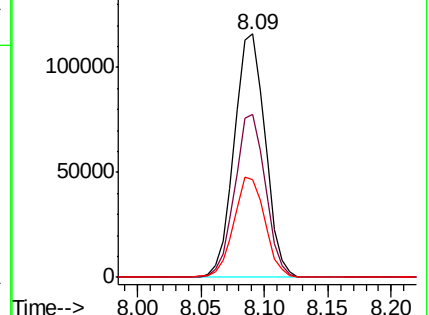
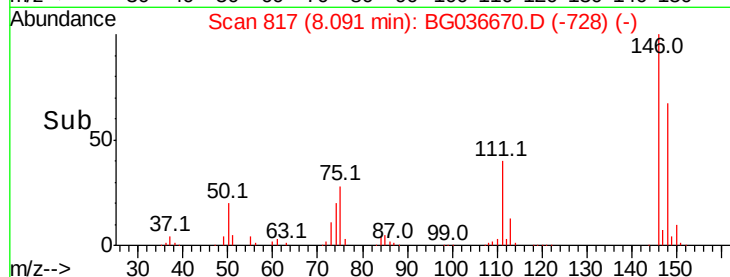


Abundance

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



#14

1,2-Dichlorobenzene

Concen: 40.189 ng

RT: 8.41 min Scan# 871

Delta R.T. -0.01 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

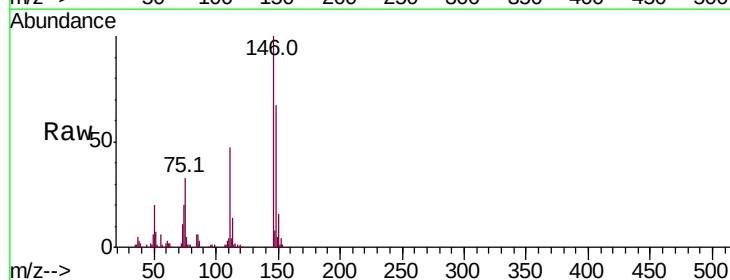
Tgt Ion:146 Resp: 187818

Ion Ratio Lower Upper

146 100

148 66.5 55.0 82.6

111 46.9 34.6 51.8

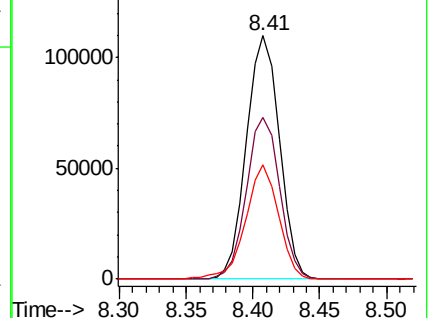
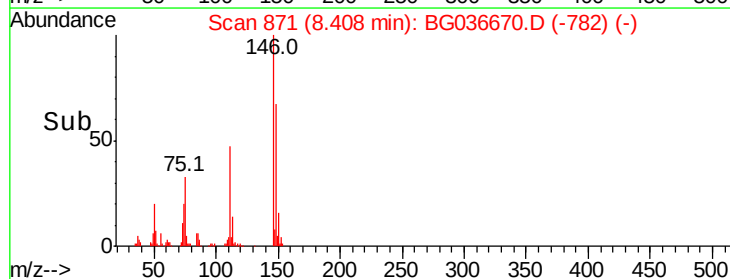


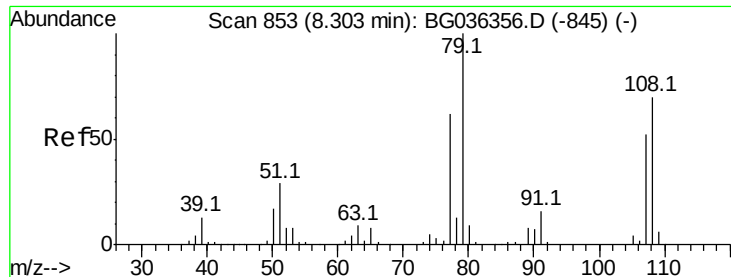
Abundance

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: 45.939 ng

RT: 8.29 min Scan# 851

Delta R.T. -0.00 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

Instrument :

BNA\_G

ClientSampleId :

PB112760BS

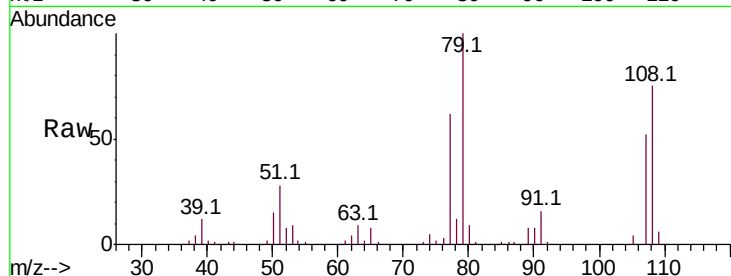
Tot Ion: 79 Resp: 207539

Ion Ratio Lower Upper

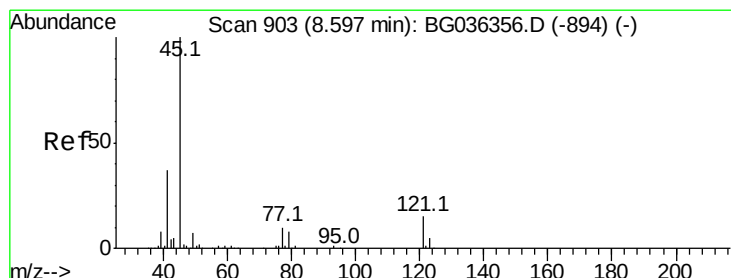
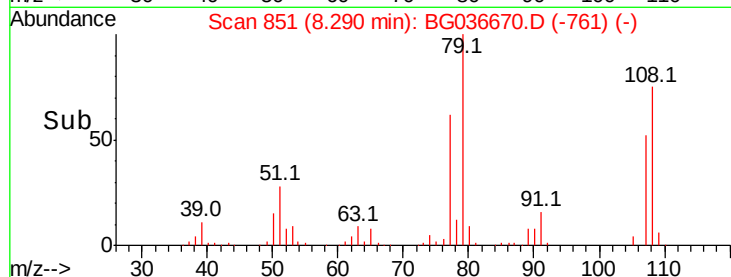
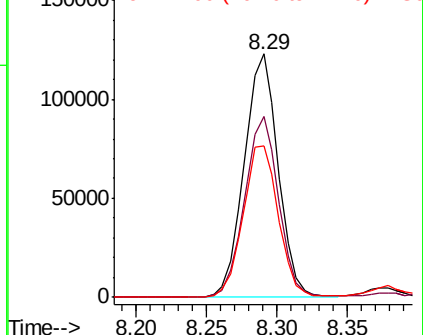
79 100

108 74.6 55.9 83.9

77 62.3 50.0 75.0



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.524 ng

RT: 8.58 min Scan# 901

Delta R.T. -0.00 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

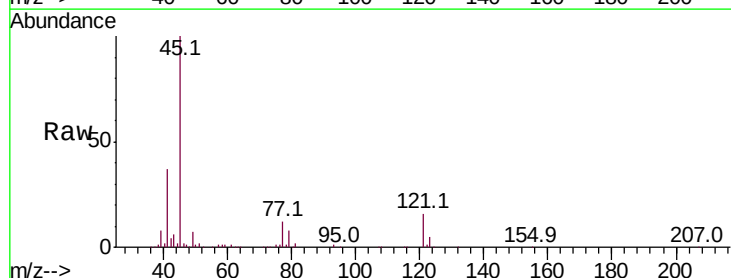
Tgt Ion: 45 Resp: 370588

Ion Ratio Lower Upper

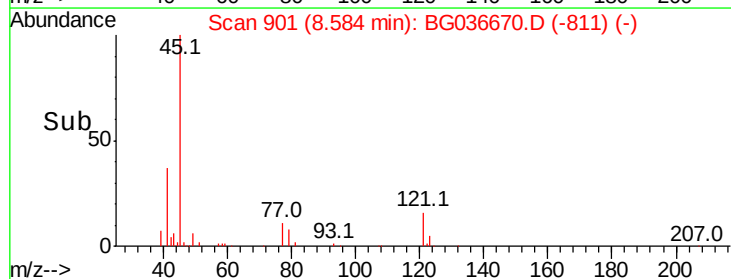
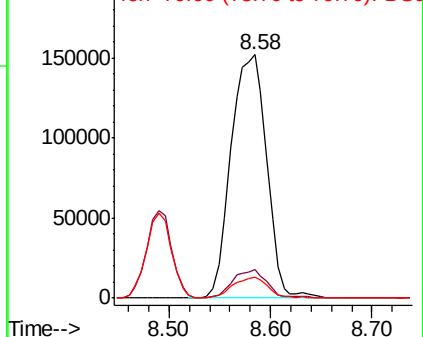
45 100

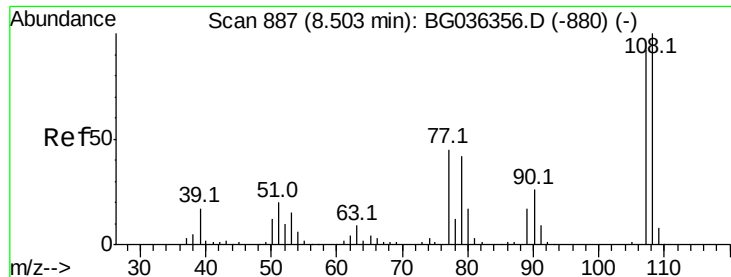
77 11.6 0.0 30.5

79 8.5 0.0 27.9



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

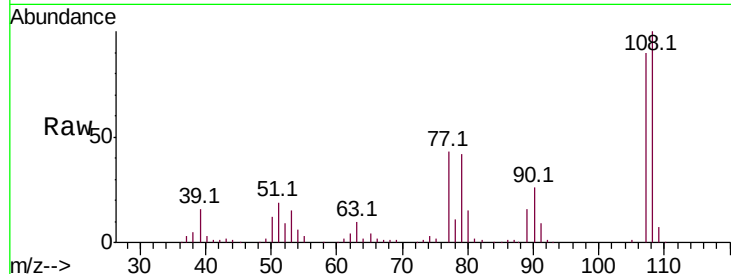




#17  
2-Methylphenol  
Concen: 49.873 ng  
RT: 8.49 min Scan# 885  
Delta R.T. -0.01 min  
Lab File: BG036670.D  
Acq: 12 Sep 2018 00:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB112760BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 111.7 | 86.7  | 130.1 |
| 77      | 48.1  | 39.0  | 58.4  |
| 79      | 47.4  | 36.6  | 54.8  |



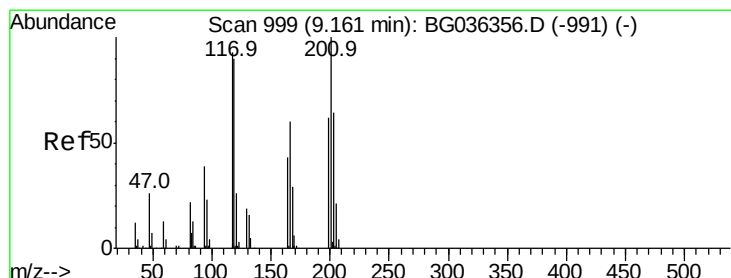
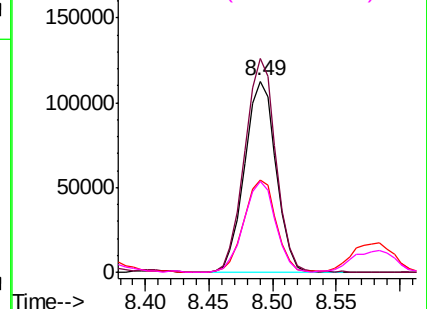
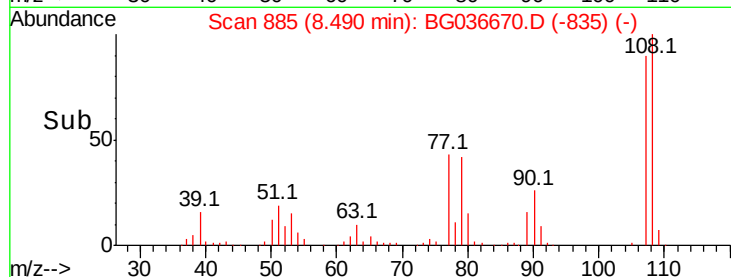
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

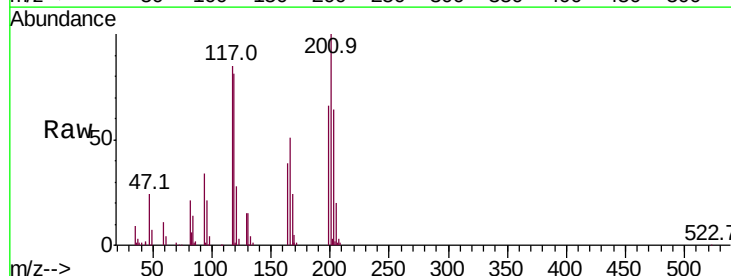
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18  
Hexachloroethane  
Concen: 40.240 ng  
RT: 9.14 min Scan# 995  
Delta R.T. -0.01 min  
Lab File: BG036670.D  
Acq: 12 Sep 2018 00:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.8  | 76.8  | 115.2 |
| 201     | 118.0 | 85.7  | 128.5 |

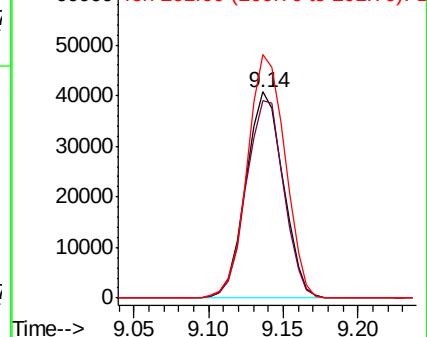
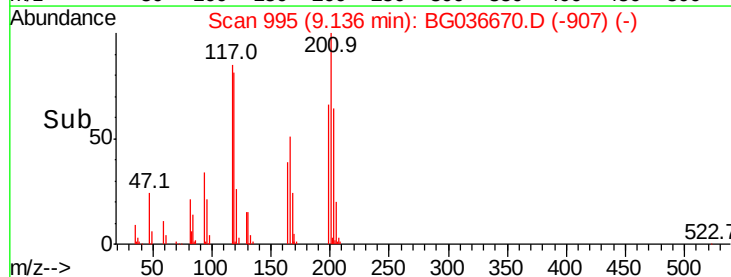


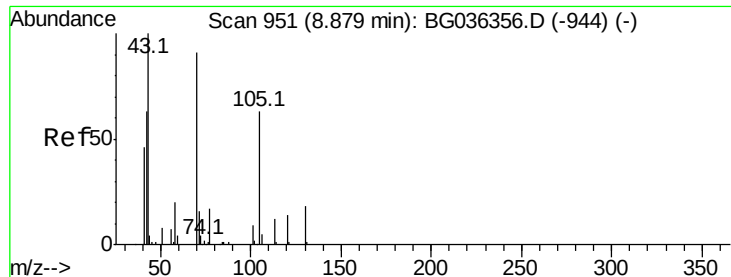
Abundance

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

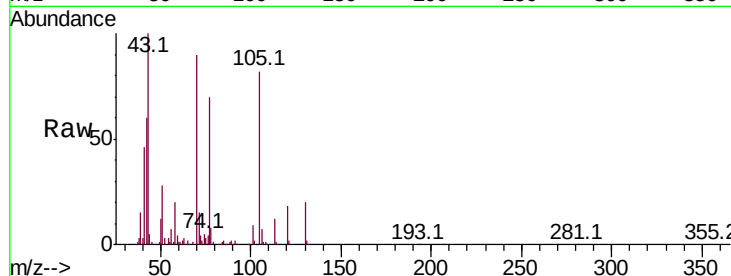




#19  
n-Nitroso-di-n-propylamine  
Concen: 41.033 ng  
RT: 8.86 min Scan# 948  
Delta R.T. -0.00 min  
Lab File: BG036670.D  
Acq: 12 Sep 2018 00:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB112760BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 171857 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 67.3  | 56.2  | 84.4   |
| 101      | 10.4  | 7.8   | 11.6   |
| 130      | 22.1  | 16.2  | 24.2   |



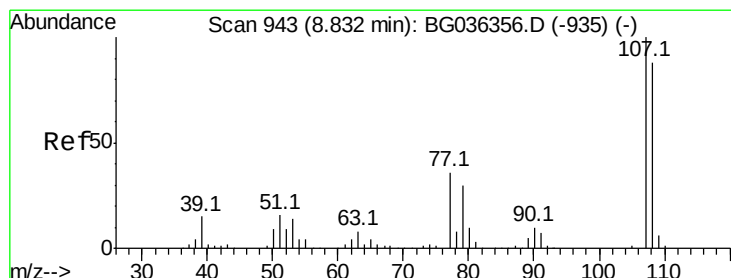
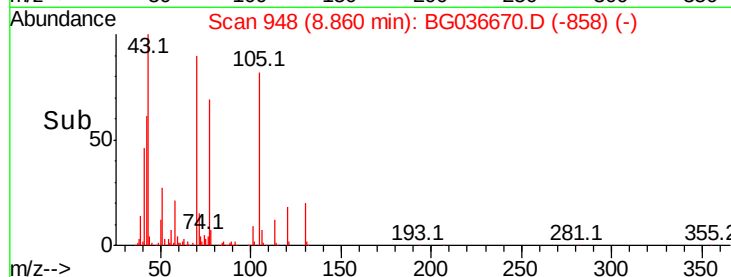
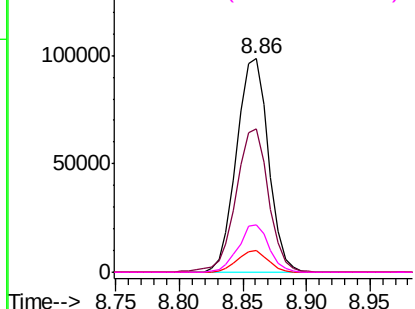
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

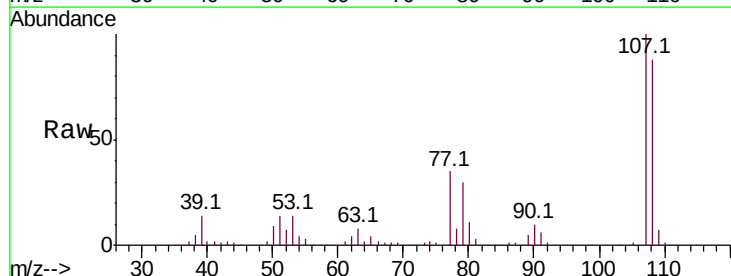
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20  
3+4-Methylphenols  
Concen: 50.027 ng  
RT: 8.82 min Scan# 941  
Delta R.T. -0.00 min  
Lab File: BG036670.D  
Acq: 12 Sep 2018 00:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 271985 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 87.6  | 68.0  | 108.0  |
| 77       | 34.7  | 15.6  | 55.6   |
| 79       | 30.1  | 9.9   | 49.9   |



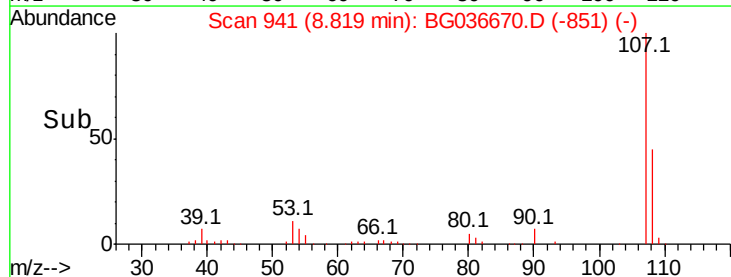
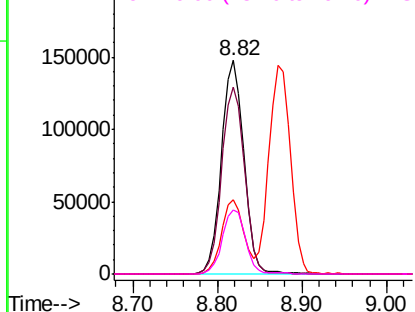
Abundance

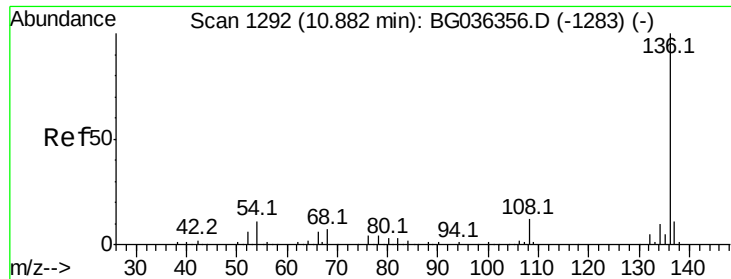
Ion 107.00 (106.70 to 107.70): BGC

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

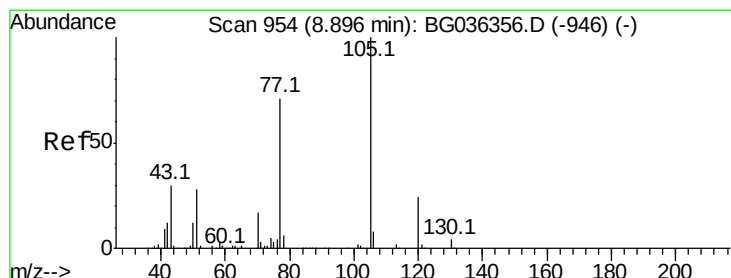
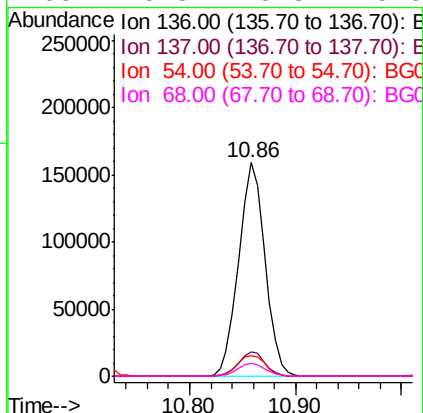
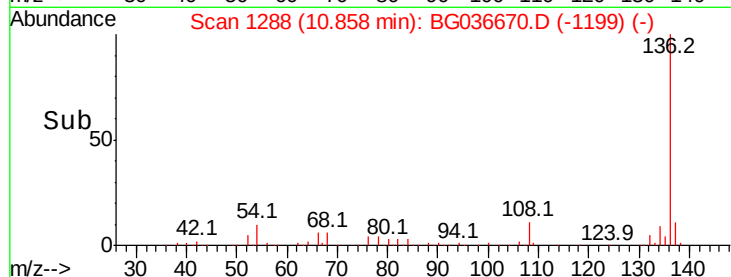
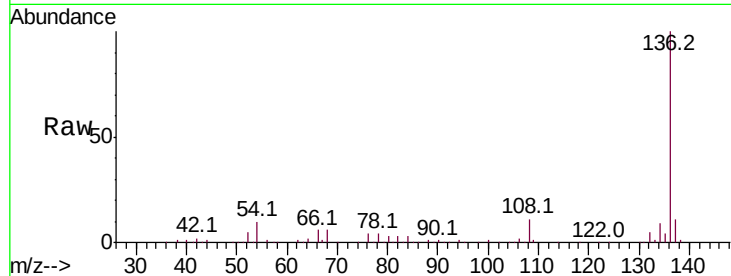




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.86 min Scan# 1288  
Delta R.T. -0.01 min  
Lab File: BG036670.D  
Acq: 12 Sep 2018 00:01

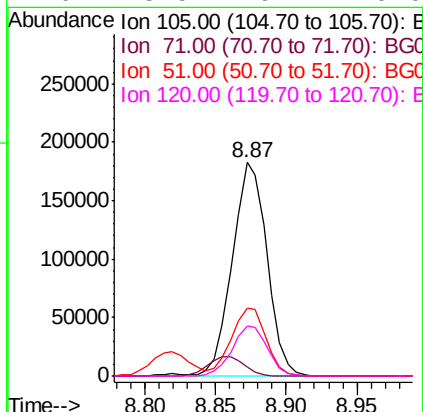
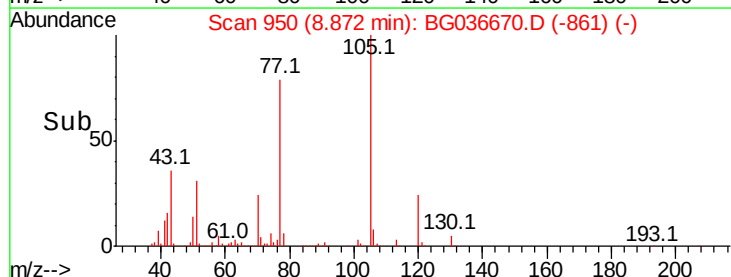
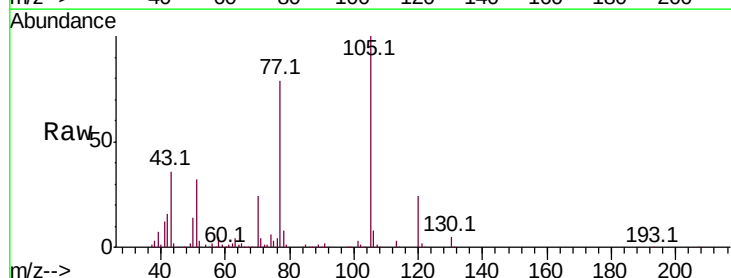
Instrument :  
BNA\_G  
ClientSampleId :  
PB112760BS

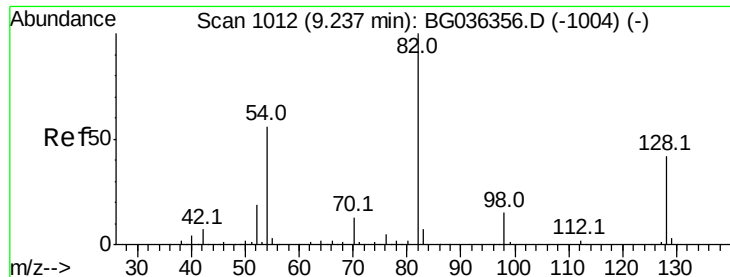
|             |       |        |  |
|-------------|-------|--------|--|
| Tot Ion:136 | Resp: | 274050 |  |
| Ion Ratio   | Lower | Upper  |  |
| 136 100     |       |        |  |
| 137 11.4    | 8.8   | 13.2   |  |
| 54 9.5      | 9.2   | 13.8   |  |
| 68 6.3      | 5.8   | 8.6    |  |



#22  
Acetophenone  
Concen: 43.512 ng  
RT: 8.87 min Scan# 950  
Delta R.T. -0.01 min  
Lab File: BG036670.D  
Acq: 12 Sep 2018 00:01

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 313131 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 4.2     | 2.4   | 3.6#   |
| 51  | 31.6    | 25.9  | 38.9   |
| 120 | 23.5    | 19.4  | 29.0   |

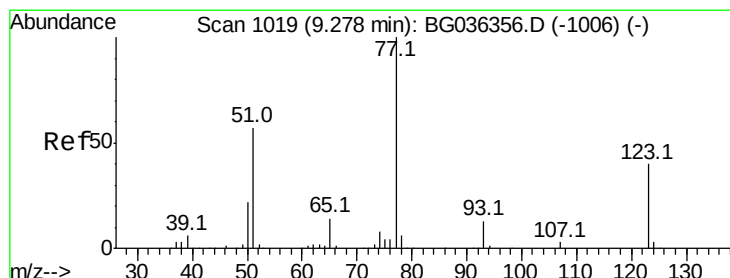
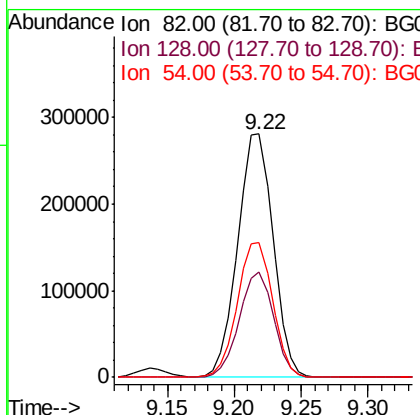
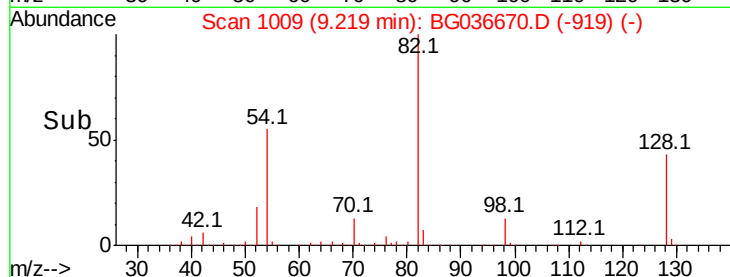
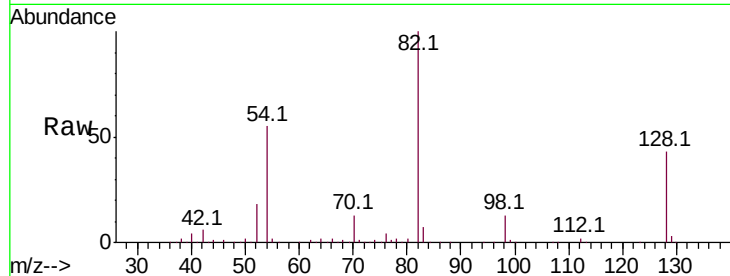




#23  
 Nitrobenzene-d5  
 Concen: 102.460 ng  
 RT: 9.22 min Scan# 1009  
 Delta R.T. -0.00 min  
 Lab File: BG036670.D  
 Acq: 12 Sep 2018 00:01

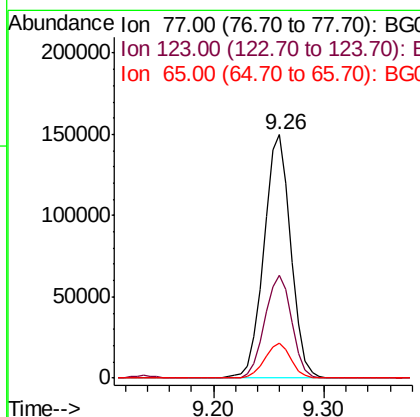
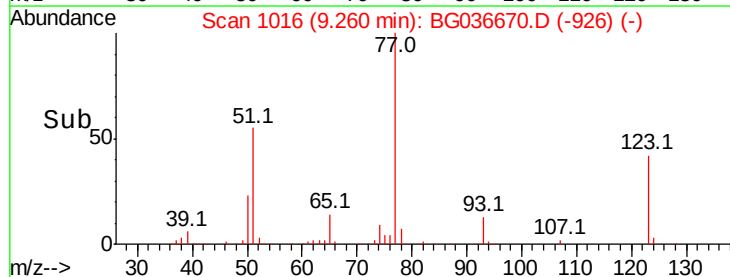
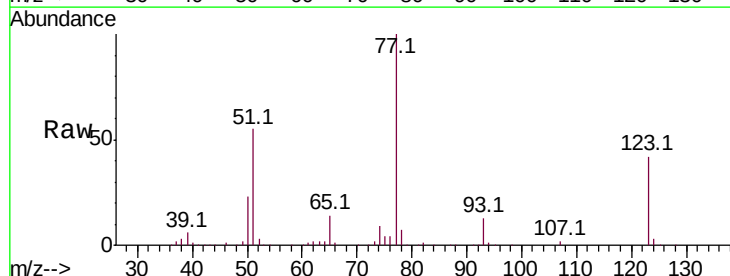
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB112760BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 82    | Resp: | 517523 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 43.1  | 33.3  | 49.9   |
| 54       | 55.3  | 45.1  | 67.7   |

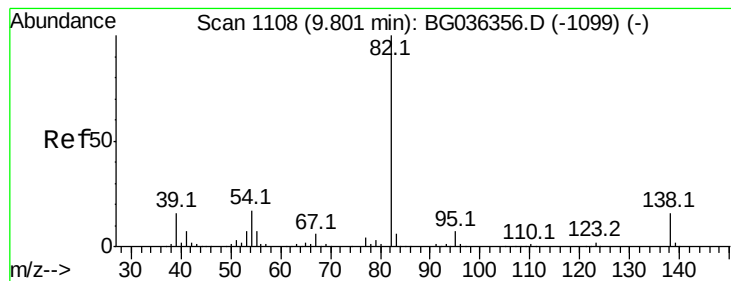


#24  
 Nitrobenzene  
 Concen: 46.898 ng  
 RT: 9.26 min Scan# 1016  
 Delta R.T. -0.00 min  
 Lab File: BG036670.D  
 Acq: 12 Sep 2018 00:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 255438 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 123      | 42.3  | 32.4  | 48.6   |
| 65       | 14.2  | 11.5  | 17.3   |







#25

Isophorone

Concen: 49.177 ng

RT: 9.78 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

Instrument :

BNA\_G

ClientSampleId :

PB112760BS

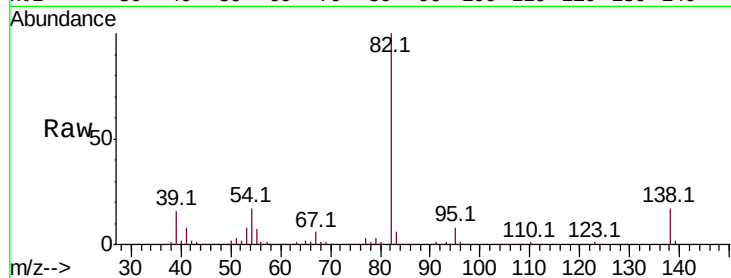
Tot Ion: 82 Resp: 493444

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.8

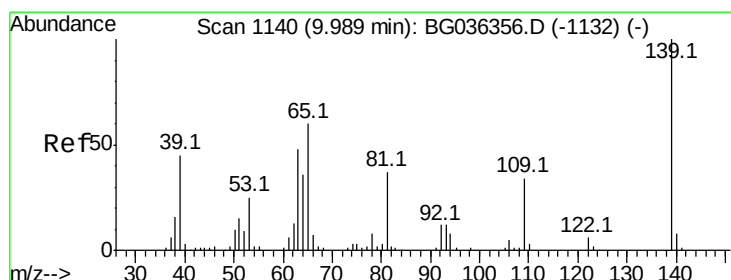
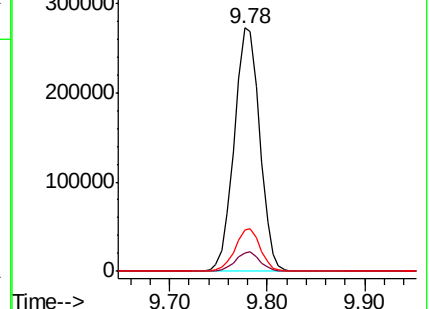
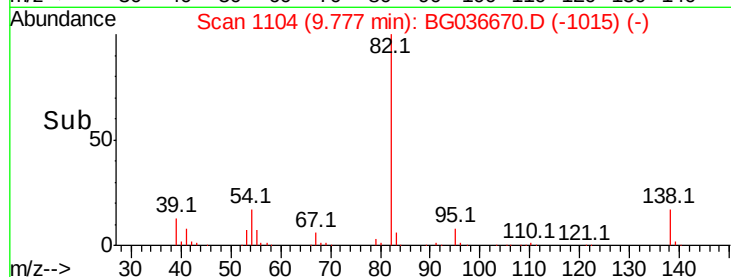
138 16.9 12.9 19.3



Abundance Ion 82.00 (81.70 to 82.70): BG036670.D (-1015) (-)

Ion 95.00 (94.70 to 95.70): BG036670.D (-1015) (-)

Ion 138.00 (137.70 to 138.70): BG036670.D (-1015) (-)



#26

2-Nitrophenol

Concen: 53.195 ng

RT: 9.96 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

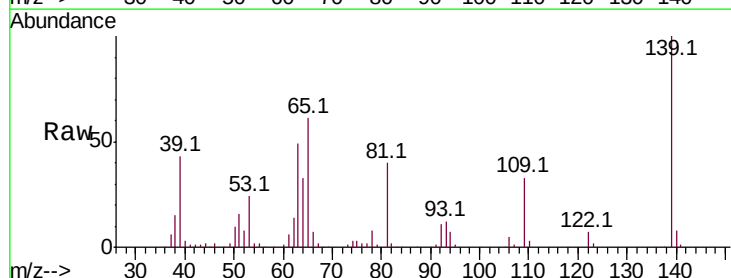
Tgt Ion: 139 Resp: 114812

Ion Ratio Lower Upper

139 100

109 33.1 27.4 41.0

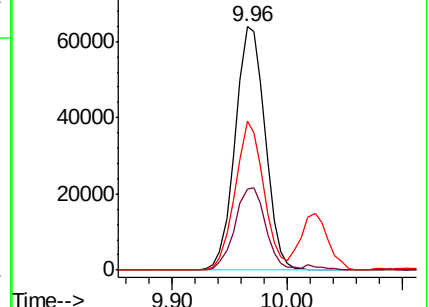
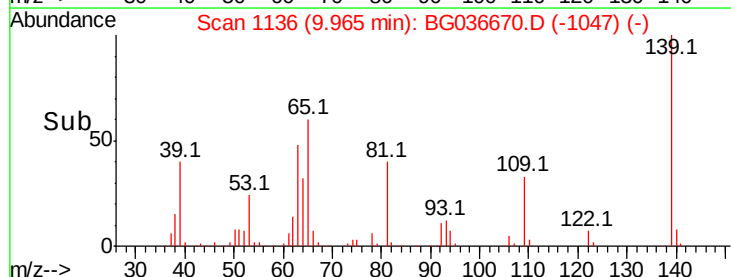
65 61.1 47.8 71.6

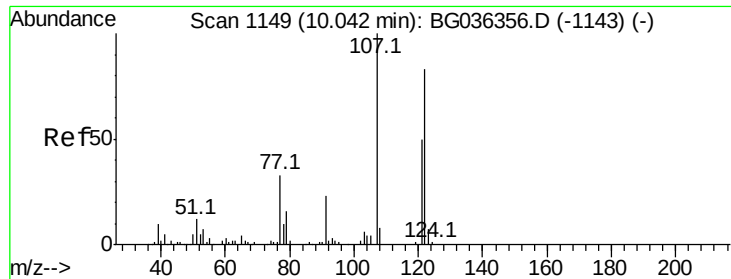


Abundance Ion 139.00 (138.70 to 139.70): BG036670.D (-1047) (-)

Ion 109.00 (108.70 to 109.70): BG036670.D (-1047) (-)

Ion 65.00 (64.70 to 65.70): BG036670.D (-1047) (-)

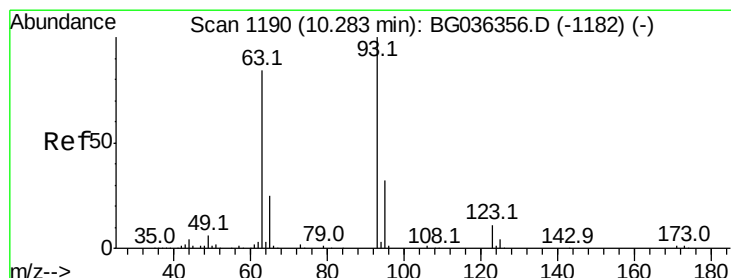
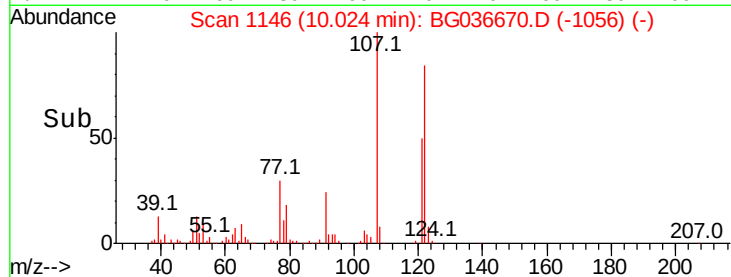
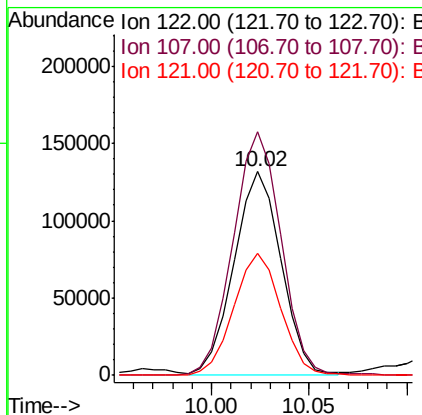
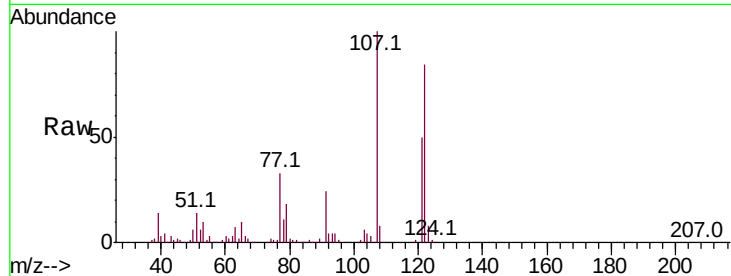




#27  
 2,4-Dimethylphenol  
 Concen: 55.137 ng  
 RT: 10.02 min Scan# 1146  
 Delta R.T. -0.00 min  
 Lab File: BG036670.D  
 Acq: 12 Sep 2018 00:01

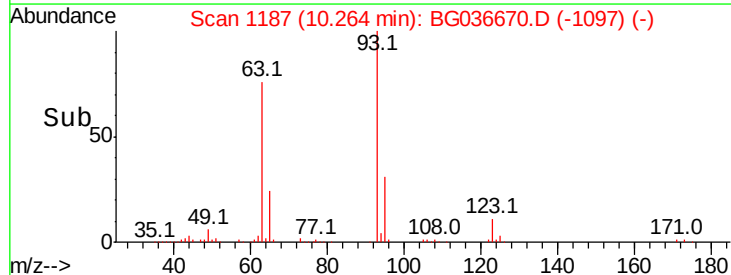
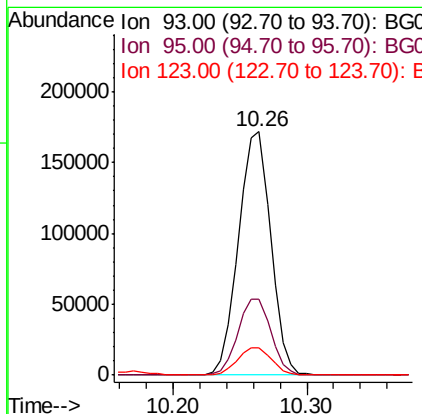
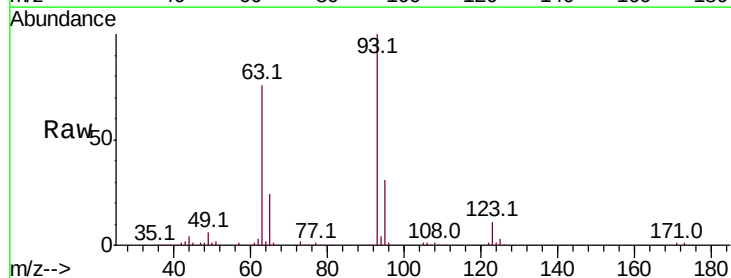
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB112760BS

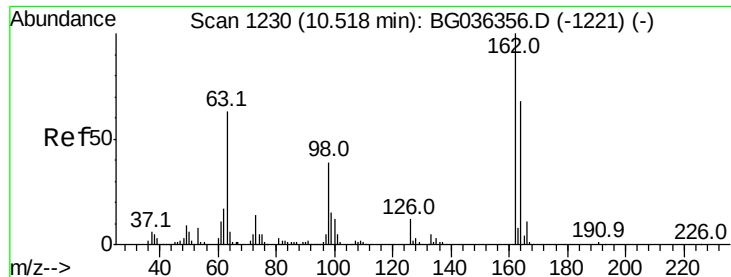
Tot Ion:122 Resp: 220322  
 Ion Ratio Lower Upper  
 122 100  
 107 119.7 96.0 144.0  
 121 60.0 48.2 72.4



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 46.603 ng  
 RT: 10.26 min Scan# 1187  
 Delta R.T. -0.00 min  
 Lab File: BG036670.D  
 Acq: 12 Sep 2018 00:01

Tgt Ion: 93 Resp: 286988  
 Ion Ratio Lower Upper  
 93 100  
 95 31.4 25.2 37.8  
 123 11.0 8.6 12.8

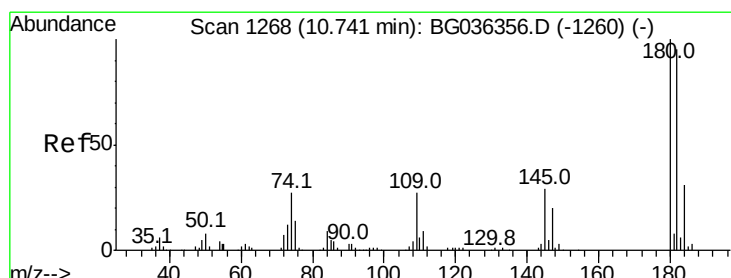
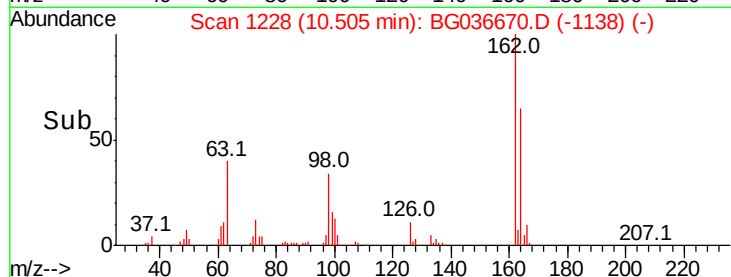
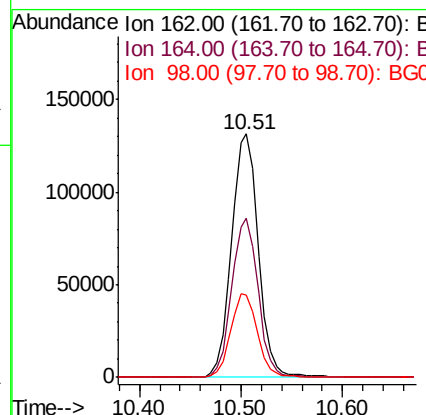
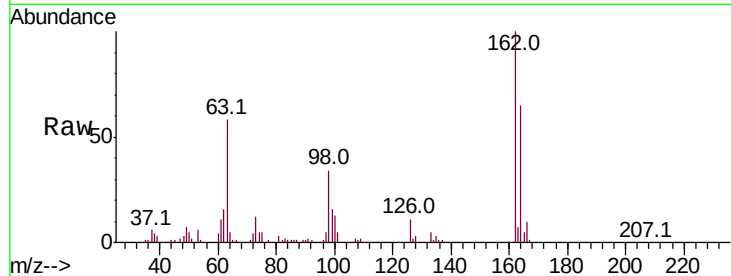




#29  
 2,4-Dichlorophenol  
 Concen: 54.732 ng  
 RT: 10.51 min Scan# 1228  
 Delta R.T. -0.00 min  
 Lab File: BG036670.D  
 Acq: 12 Sep 2018 00:01

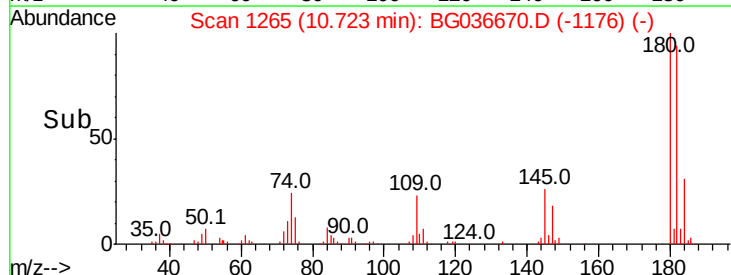
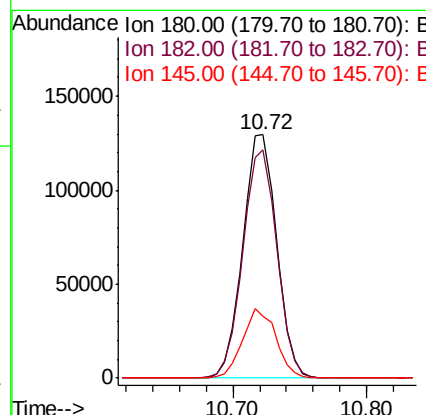
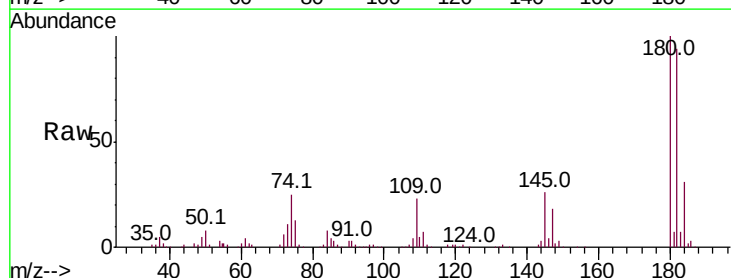
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB112760BS

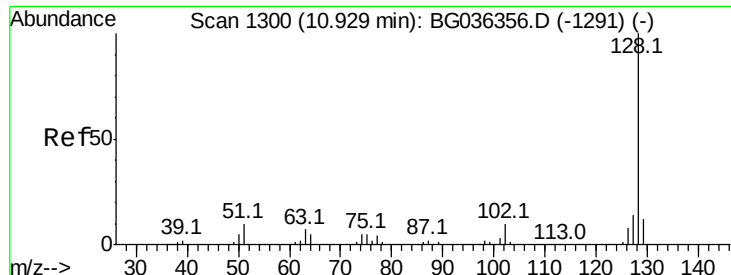
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.5  | 47.6  | 87.6  |
| 98      | 33.6  | 19.2  | 59.2  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 44.390 ng  
 RT: 10.72 min Scan# 1265  
 Delta R.T. -0.01 min  
 Lab File: BG036670.D  
 Acq: 12 Sep 2018 00:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.7  | 76.0  | 114.0 |
| 145     | 25.6  | 22.9  | 34.3  |

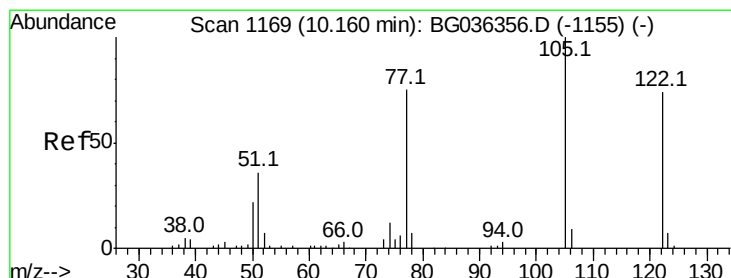
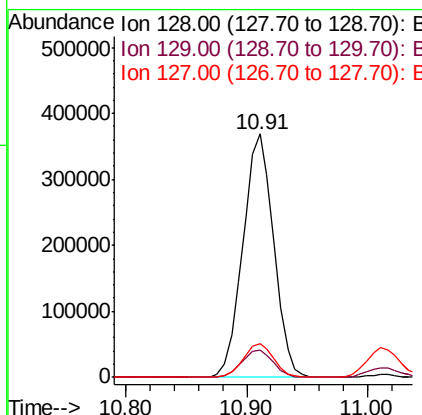
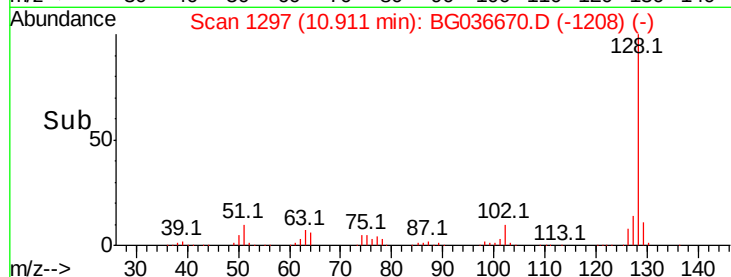
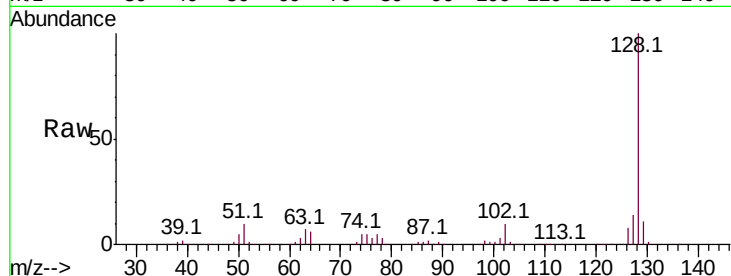




#31  
Naphthalene  
Concen: 47.848 ng  
RT: 10.91 min Scan# 1297  
Delta R.T. -0.01 min  
Lab File: BG036670.D  
Acq: 12 Sep 2018 00:01

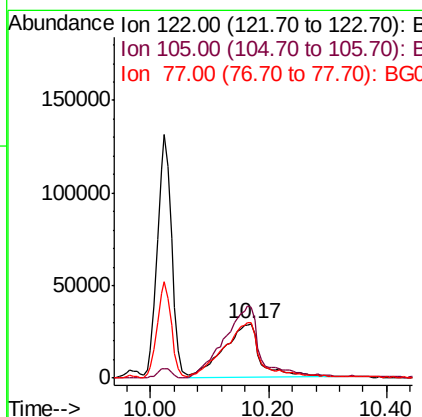
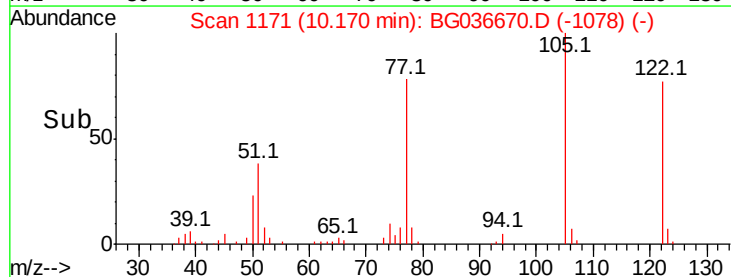
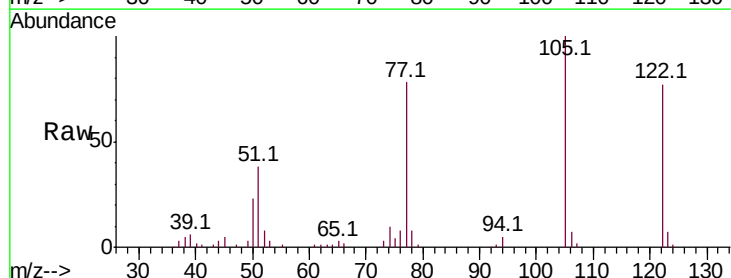
Instrument :  
BNA\_G  
ClientSampleId :  
PB112760BS

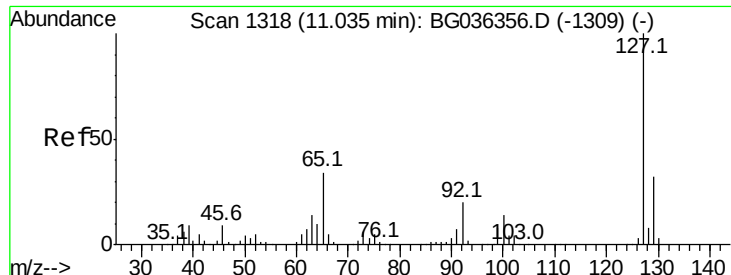
Tot Ion:128 Resp: 655487  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.4 14.2  
127 14.0 11.0 16.4



#32  
Benzoic acid  
Concen: 42.735 ng  
RT: 10.17 min Scan# 1171  
Delta R.T. 0.02 min  
Lab File: BG036670.D  
Acq: 12 Sep 2018 00:01

Tgt Ion:122 Resp: 124998  
Ion Ratio Lower Upper  
122 100  
105 130.6 108.1 148.1  
77 101.5 76.3 116.3

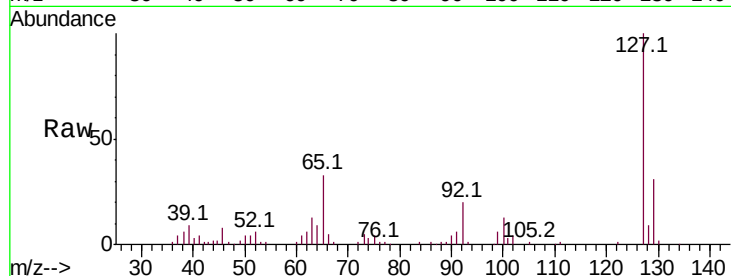




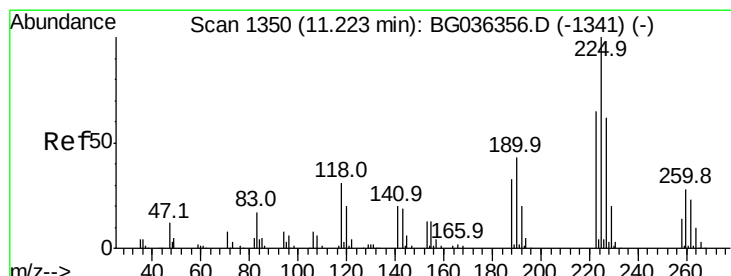
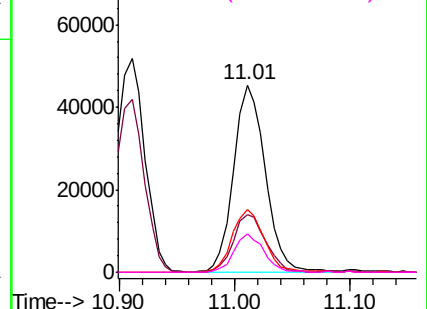
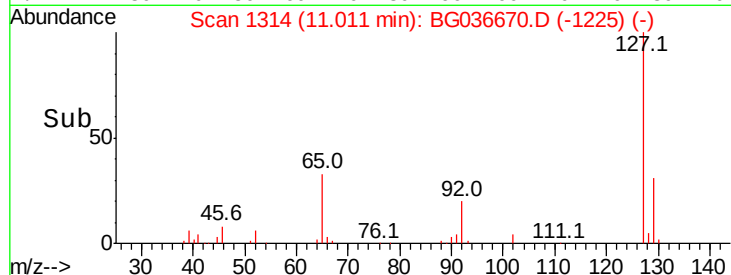
#33  
4-Chloroaniline  
Concen: 13.786 ng  
RT: 11.01 min Scan# 1314  
Delta R.T. -0.01 min  
Lab File: BG036670.D  
Acq: 12 Sep 2018 00:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB112760BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 86544 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 31.0  | 25.9  | 38.9  |
| 65       | 33.4  | 27.5  | 41.3  |
| 92       | 20.2  | 16.2  | 24.2  |

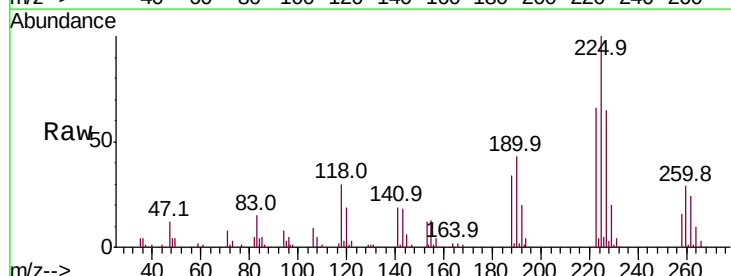


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

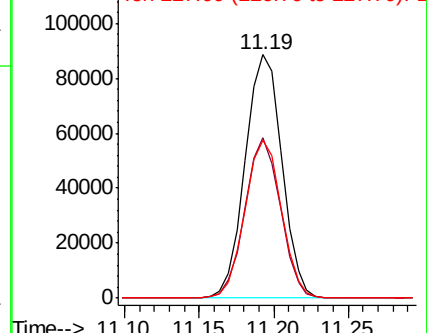
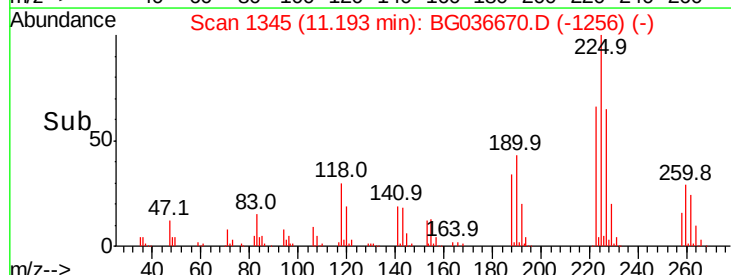


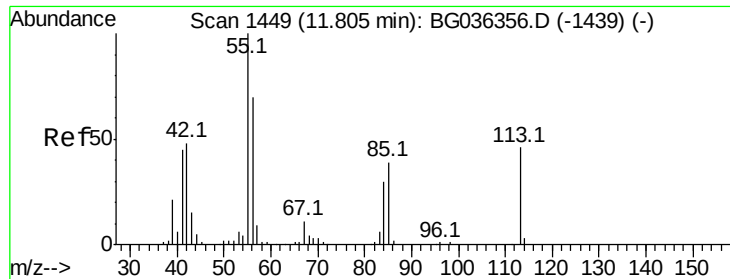
#34  
Hexachlorobutadiene  
Concen: 43.878 ng  
RT: 11.19 min Scan# 1345  
Delta R.T. -0.01 min  
Lab File: BG036670.D  
Acq: 12 Sep 2018 00:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 151030 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 65.9  | 51.8  | 77.8   |
| 227      | 64.7  | 49.8  | 74.6   |



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





#35

Caprolactam

Concen: 51.680 ng

RT: 11.80 min Scan# 1449

Delta R.T. 0.01 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

Instrument :

BNA\_G

ClientSampleId :

PB112760BS

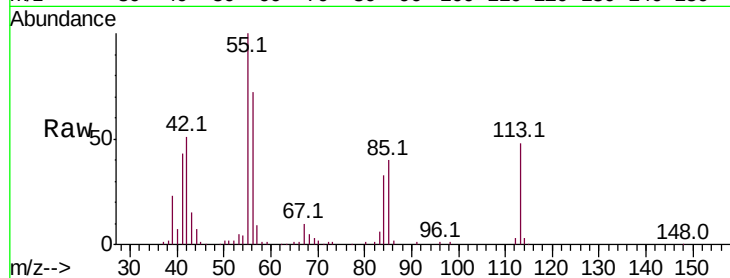
Tot Ion:113 Resp: 90158

Ion Ratio Lower Upper

113 100

55 208.2 197.7 237.7

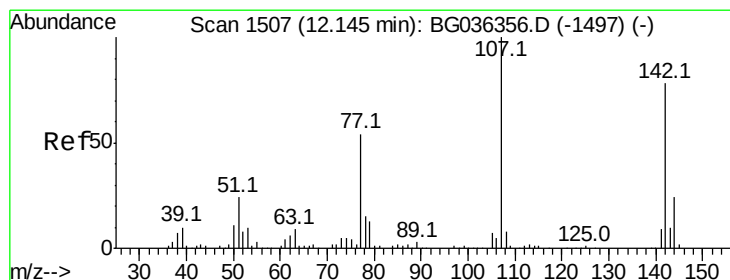
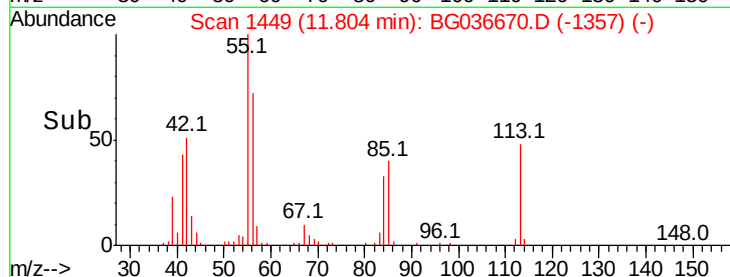
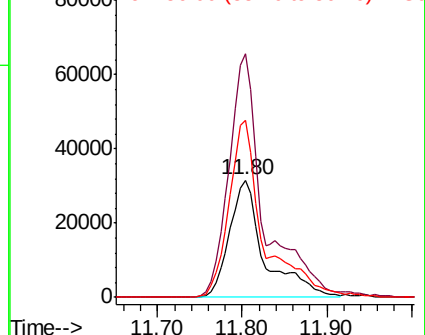
56 150.9 131.7 171.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 53.897 ng

RT: 12.13 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

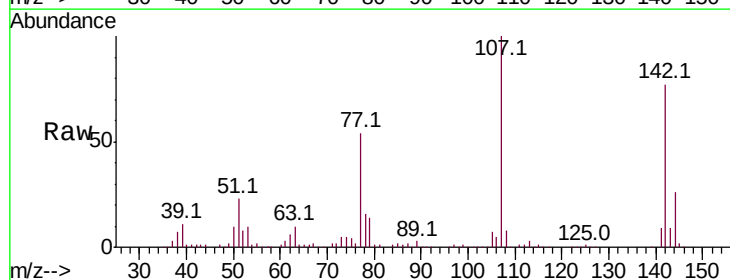
Tgt Ion:107 Resp: 274257

Ion Ratio Lower Upper

107 100

144 25.6 19.5 29.3

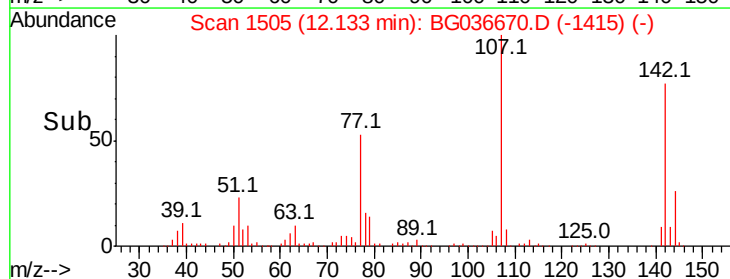
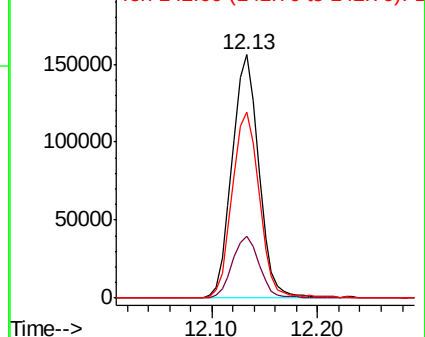
142 76.5 62.4 93.6

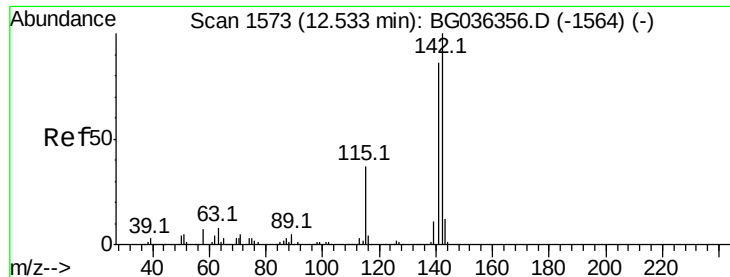


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

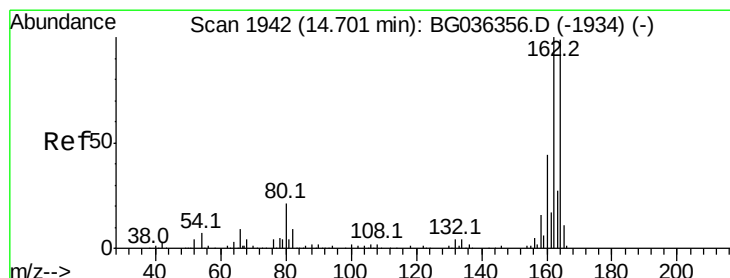
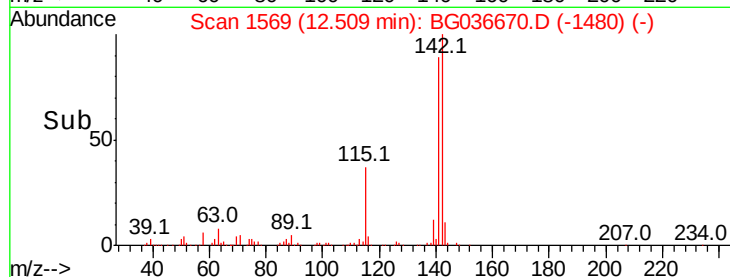
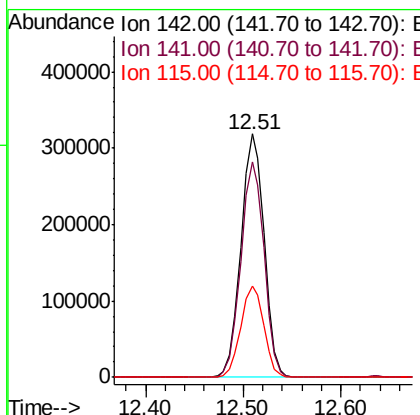
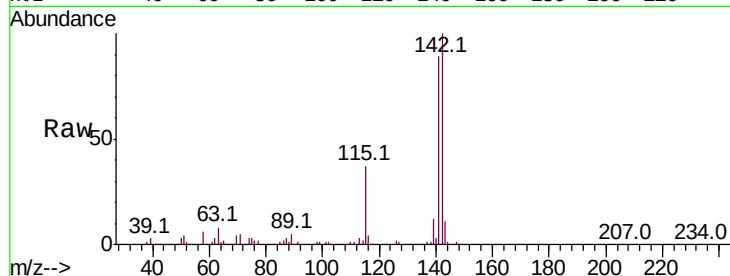




#37  
2-Methylnaphthalene  
Concen: 52.549 ng  
RT: 12.51 min Scan# 1569  
Delta R.T. -0.01 min  
Lab File: BG036670.D  
Acq: 12 Sep 2018 00:01

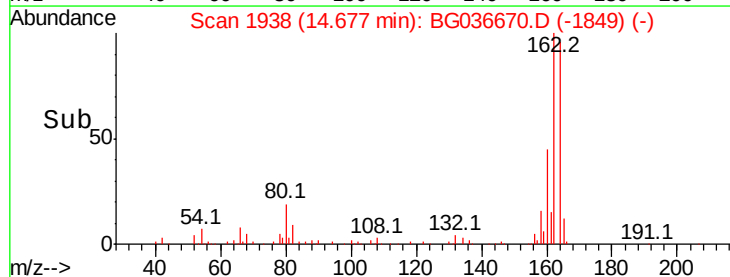
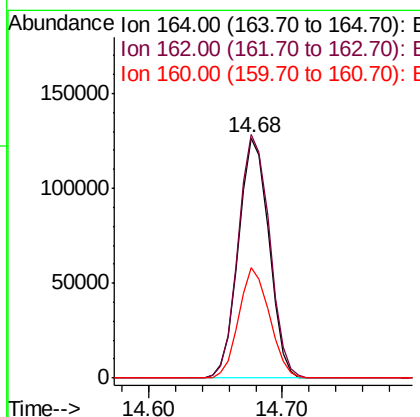
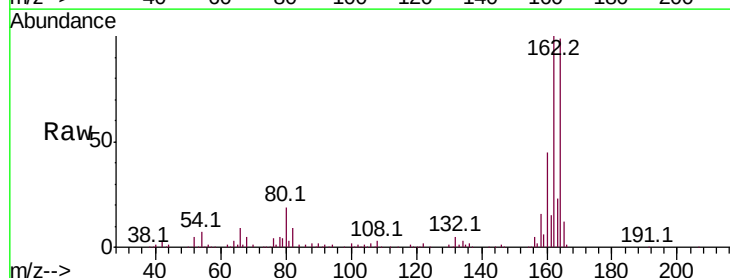
Instrument :  
BNA\_G  
ClientSampleId :  
PB112760BS

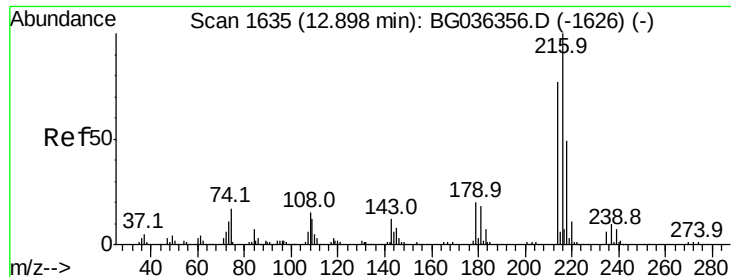
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.6  | 68.5  | 102.7 |
| 115     | 37.5  | 29.8  | 44.8  |



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.68 min Scan# 1938  
Delta R.T. -0.01 min  
Lab File: BG036670.D  
Acq: 12 Sep 2018 00:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.4 | 80.7  | 121.1 |
| 160     | 46.1  | 35.3  | 52.9  |

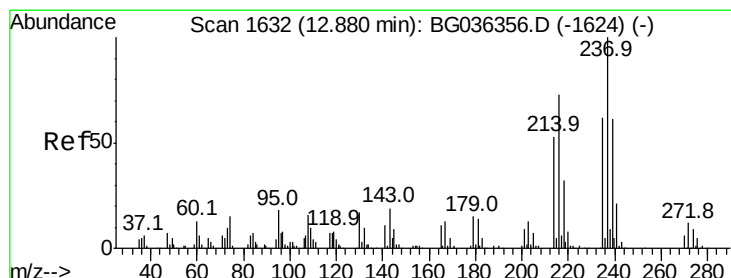
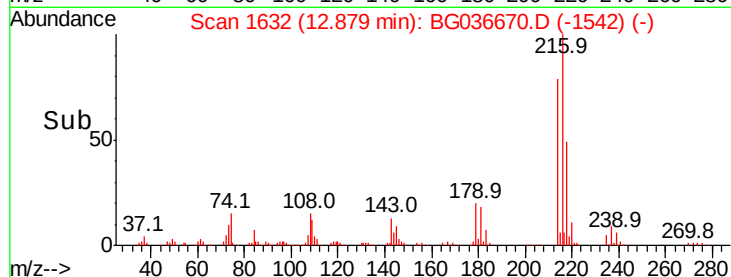
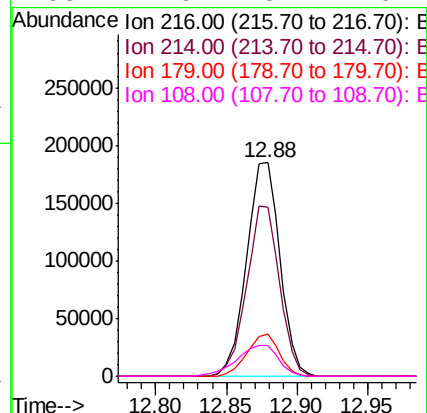
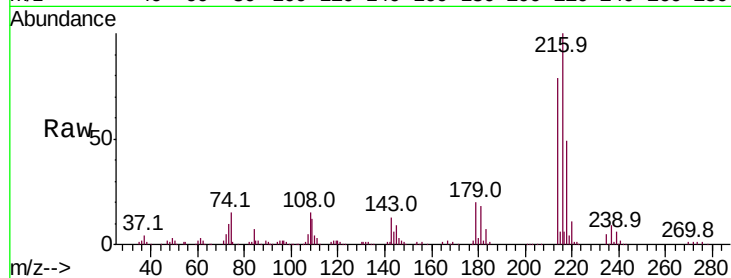




#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 43.420 ng  
 RT: 12.88 min Scan# 1632  
 Delta R.T. -0.00 min  
 Lab File: BG036670.D  
 Acq: 12 Sep 2018 00:01

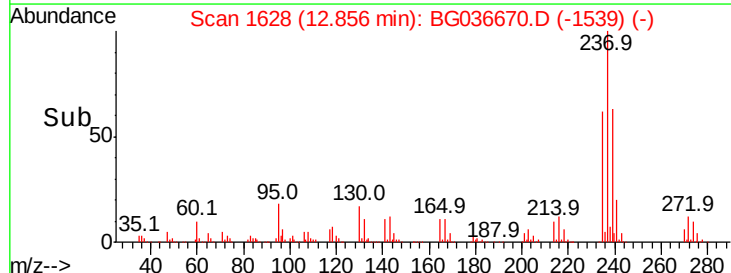
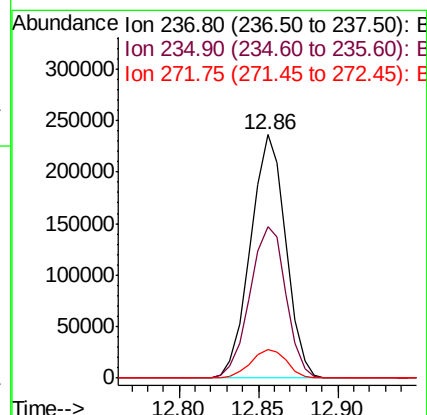
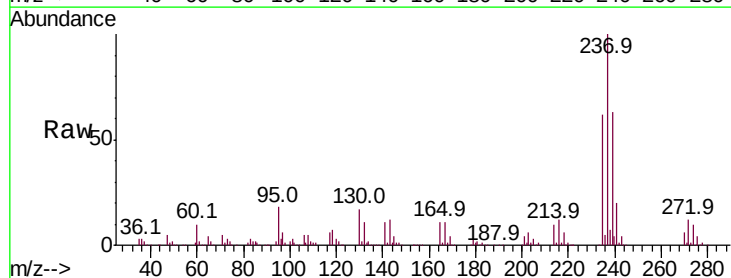
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB112760BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 216   | Resp: | 307464 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 78.0  | 61.0  | 91.6   |
| 179      | 18.9  | 15.7  | 23.5   |
| 108      | 17.9  | 13.1  | 19.7   |

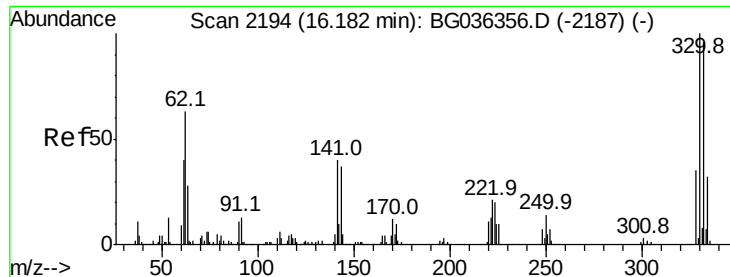


#40  
 Hexachlorocyclopentadiene  
 Concen: 99.022 ng  
 RT: 12.86 min Scan# 1628  
 Delta R.T. -0.01 min  
 Lab File: BG036670.D  
 Acq: 12 Sep 2018 00:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 364832 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 62.1  | 42.2  | 82.2   |
| 272      | 11.9  | 0.0   | 32.1   |



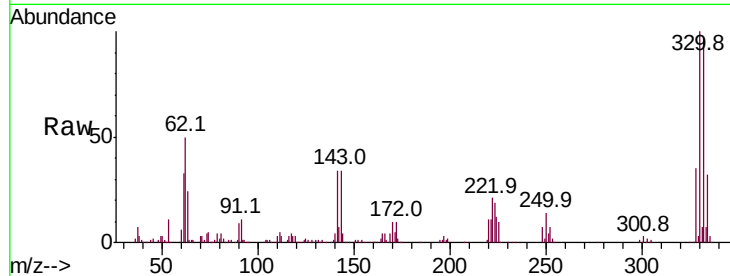




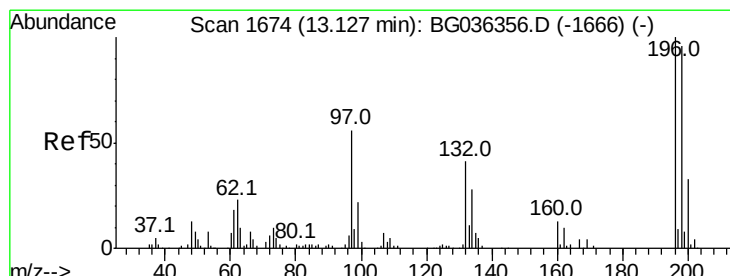
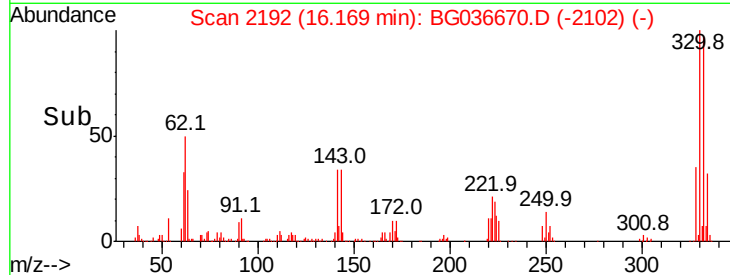
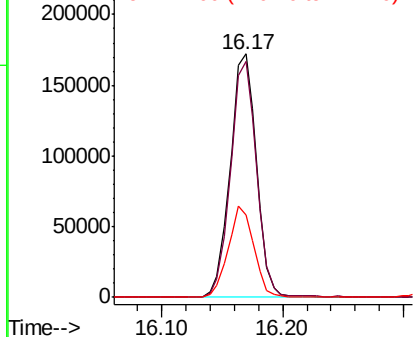
#41  
 2,4,6-Tribromophenol  
 Concen: 109.679 ng  
 RT: 16.17 min Scan# 2192  
 Delta R.T. -0.00 min  
 Lab File: BG036670.D  
 Acq: 12 Sep 2018 00:01

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB112760BS

Tot Ion:330 Resp: 261869  
 Ion Ratio Lower Upper  
 330 100  
 332 96.1 75.4 113.2  
 141 36.7 30.7 46.1

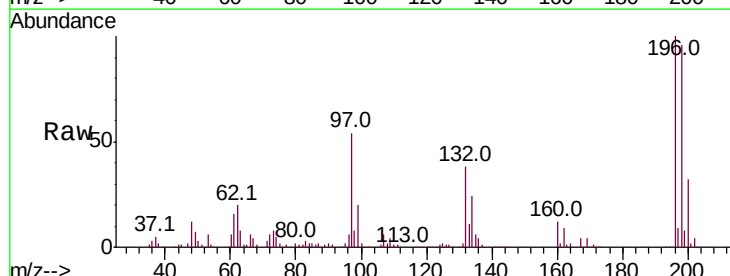


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

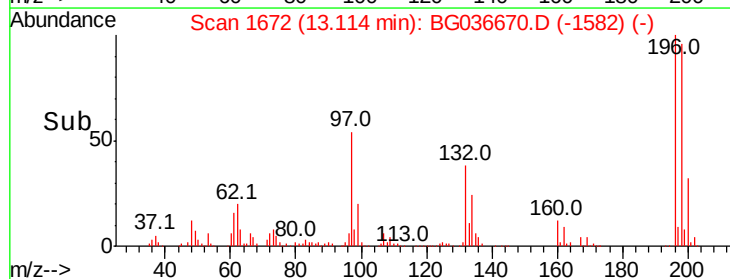
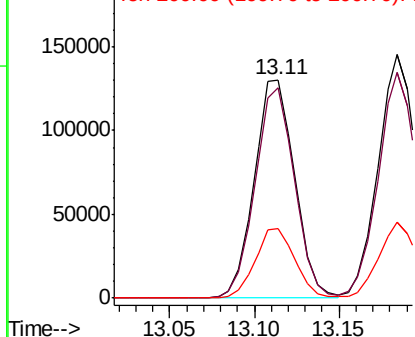


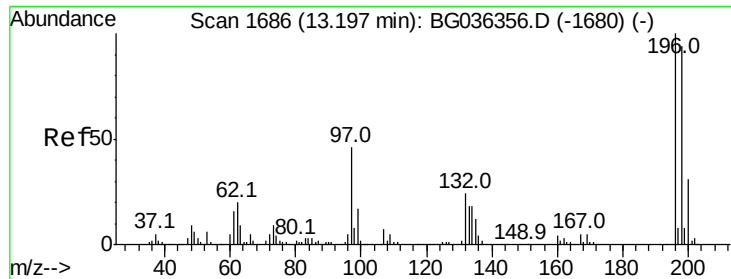
#42  
 2,4,6-Trichlorophenol  
 Concen: 50.033 ng  
 RT: 13.11 min Scan# 1672  
 Delta R.T. -0.00 min  
 Lab File: BG036670.D  
 Acq: 12 Sep 2018 00:01

Tgt Ion:196 Resp: 215819  
 Ion Ratio Lower Upper  
 196 100  
 198 96.4 77.2 115.8  
 200 32.0 26.3 39.5



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

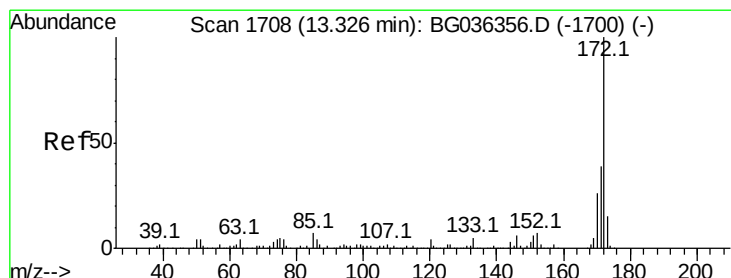
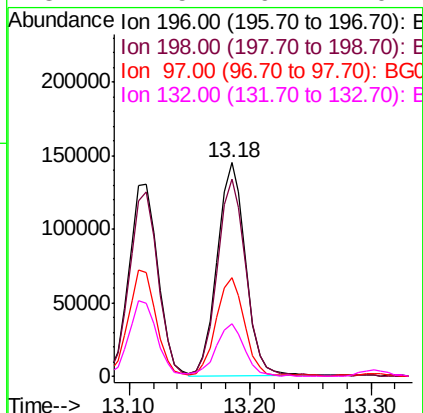
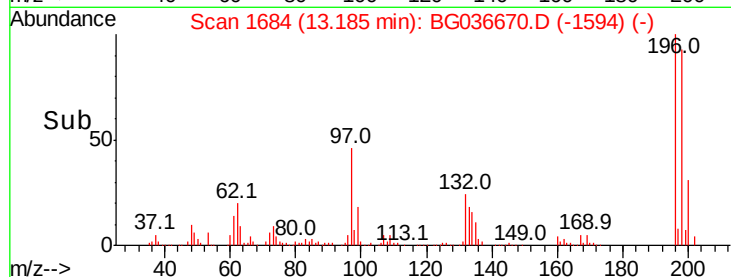
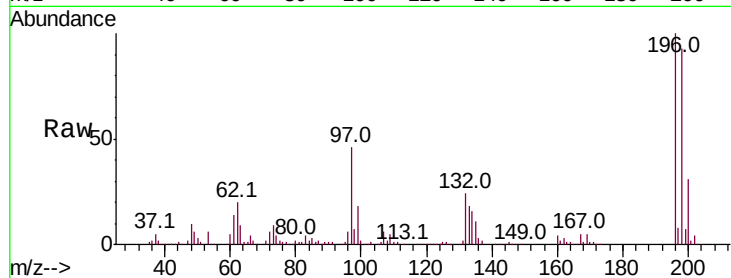




#43  
 2,4,5-Trichlorophenol  
 Concen: 50.790 ng  
 RT: 13.18 min Scan# 1684  
 Delta R.T. -0.00 min  
 Lab File: BG036670.D  
 Acq: 12 Sep 2018 00:01

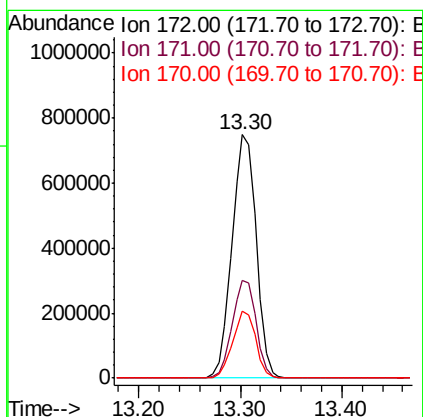
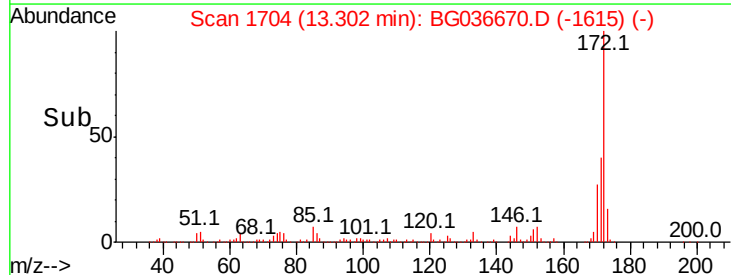
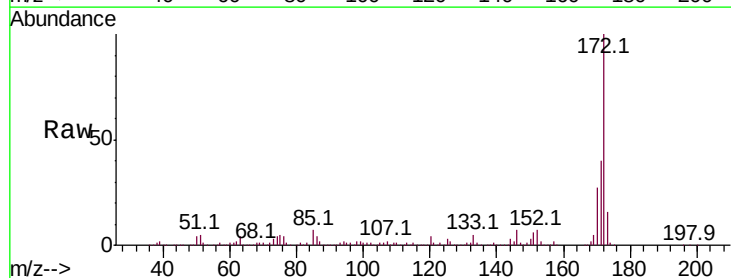
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB112760BS

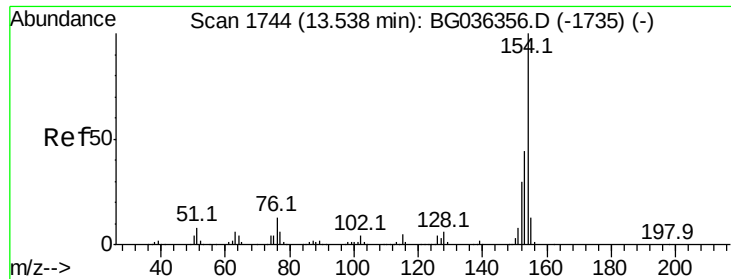
Tot Ion:196 Resp: 233674  
 Ion Ratio Lower Upper  
 196 100  
 198 92.5 75.6 113.4  
 97 46.4 37.2 55.8  
 132 24.5 19.4 29.2



#44  
 2-Fluorobiphenyl  
 Concen: 88.275 ng  
 RT: 13.30 min Scan# 1704  
 Delta R.T. -0.01 min  
 Lab File: BG036670.D  
 Acq: 12 Sep 2018 00:01

Tgt Ion:172 Resp: 1237096  
 Ion Ratio Lower Upper  
 172 100  
 171 39.9 31.3 46.9  
 170 27.3 21.0 31.6

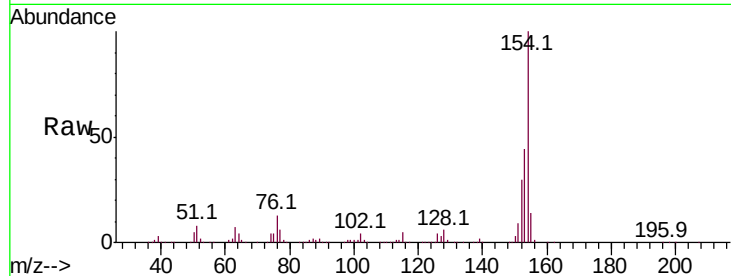




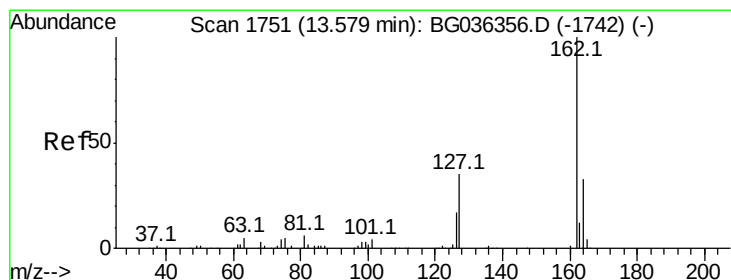
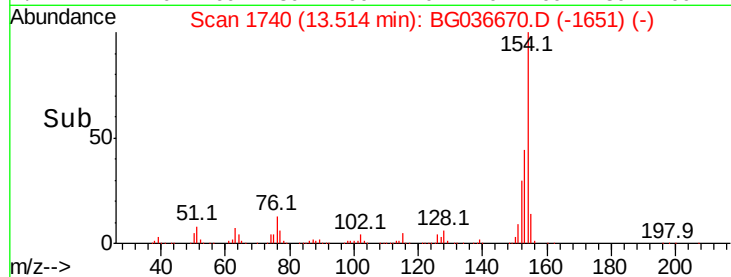
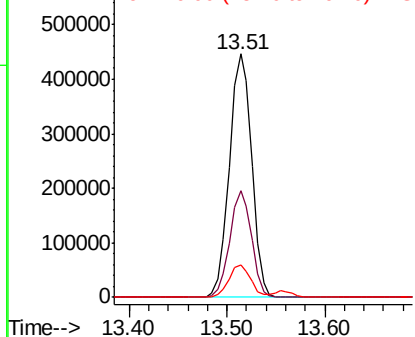
#45  
 1,1'-Biphenyl  
 Concen: 42.448 ng  
 RT: 13.51 min Scan# 1740  
 Delta R.T. -0.01 min  
 Lab File: BG036670.D  
 Acq: 12 Sep 2018 00:01

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB112760BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 44.0  | 24.0  | 64.0  |
| 76      | 13.4  | 0.0   | 32.9  |

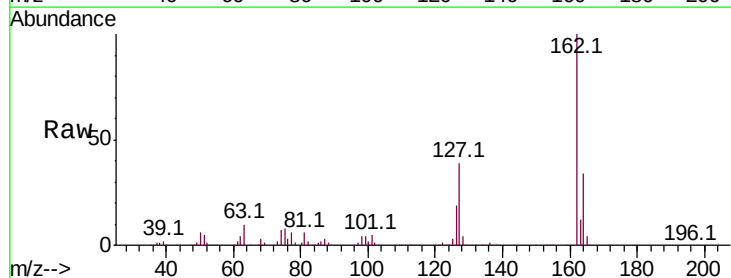


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BGC

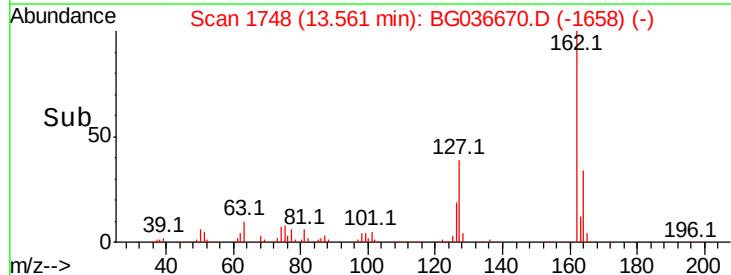
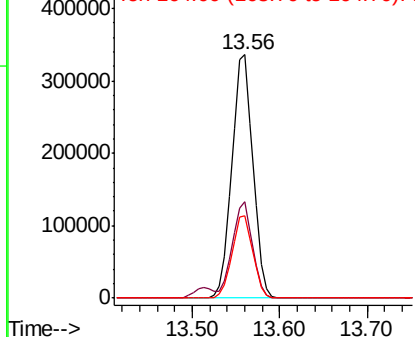


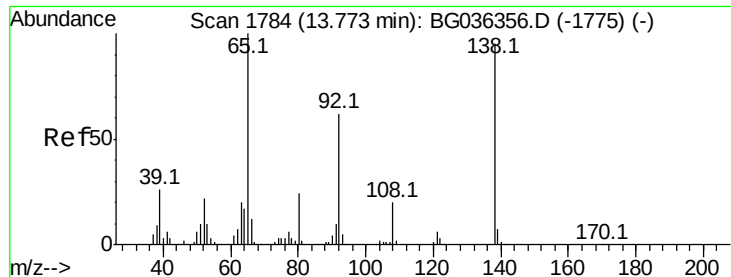
#46  
 2-Chloronaphthalene  
 Concen: 43.197 ng  
 RT: 13.56 min Scan# 1748  
 Delta R.T. -0.00 min  
 Lab File: BG036670.D  
 Acq: 12 Sep 2018 00:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 39.5  | 30.7  | 46.1  |
| 164     | 34.1  | 26.7  | 40.1  |



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





#47

2-Nitroaniline

Concen: 50.043 ng

RT: 13.76 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

Instrument :

BNA\_G

ClientSampleId :

PB112760BS

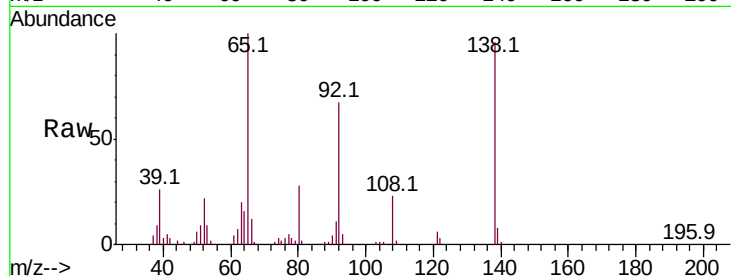
Tot Ion: 65 Resp: 199258

Ion Ratio Lower Upper

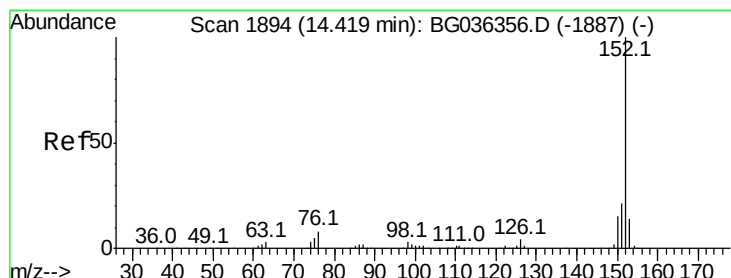
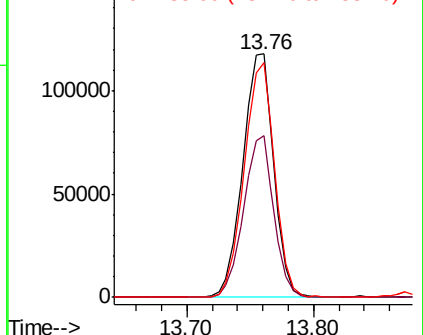
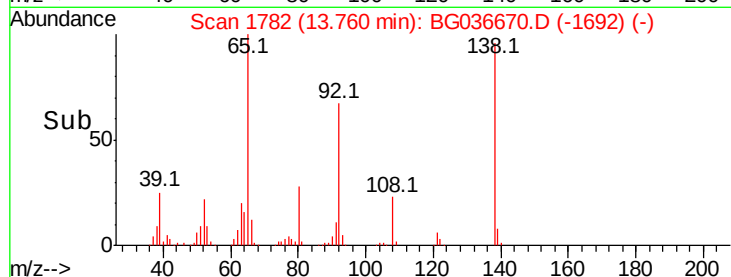
65 100

92 66.6 49.9 74.9

138 96.3 76.2 114.4



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): BGC



#48

Acenaphthylene

Concen: 46.992 ng

RT: 14.40 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

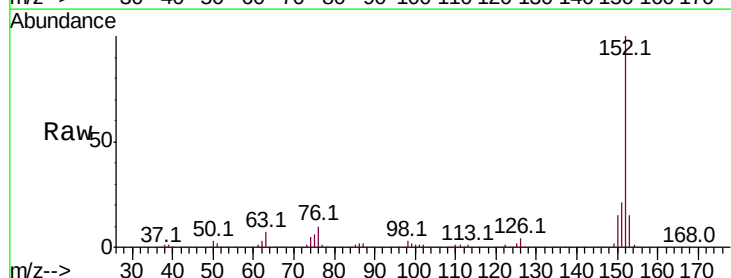
Tgt Ion: 152 Resp: 931230

Ion Ratio Lower Upper

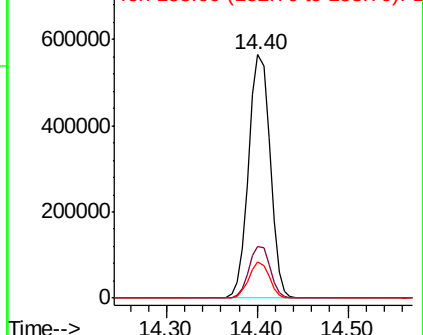
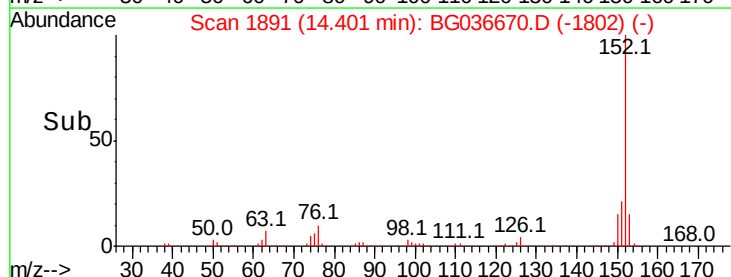
152 100

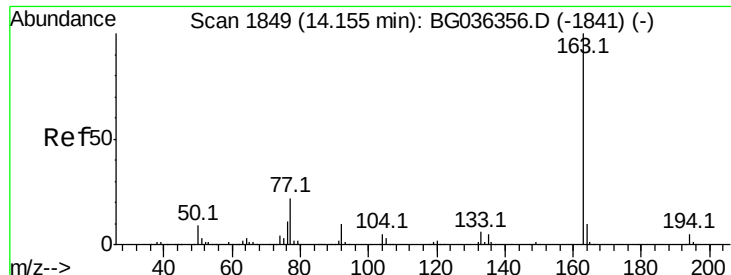
151 21.4 16.9 25.3

153 14.9 11.2 16.8



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





#49

Dimethylphthalate

Concen: 46.818 ng

RT: 14.14 min Scan# 1846

Delta R.T. -0.00 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

Instrument :

BNA\_G

ClientSampleId :

PB112760BS

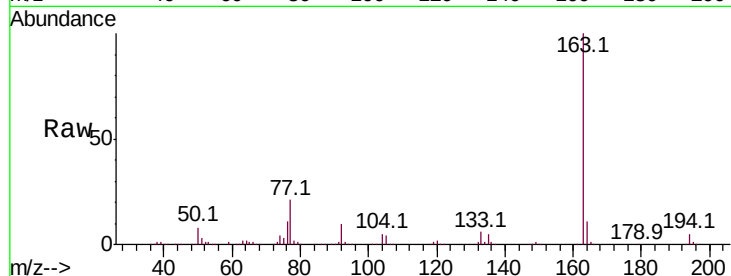
Tot Ion:163 Resp: 764967

Ion Ratio Lower Upper

163 100

194 5.2 4.0 6.0

164 10.6 8.1 12.1

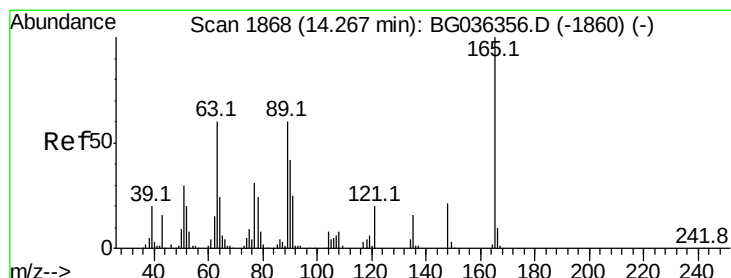
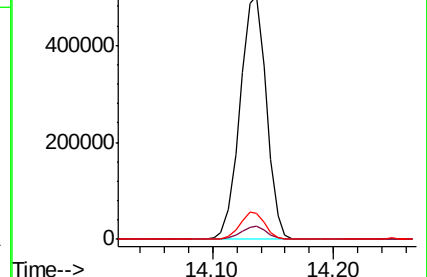
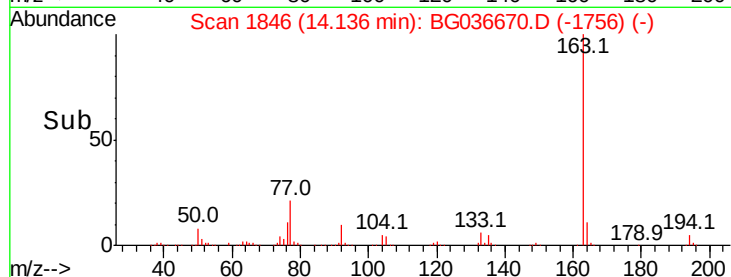


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

14.14



#50

2,6-Dinitrotoluene

Concen: 50.679 ng

RT: 14.25 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

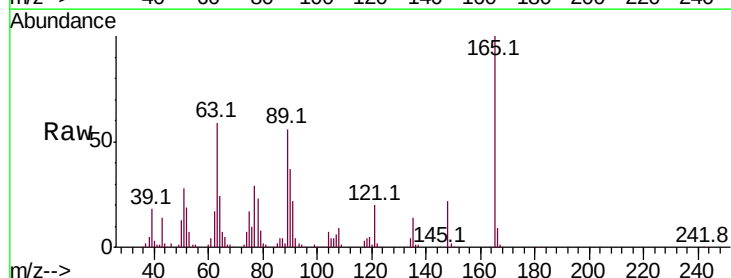
Tgt Ion:165 Resp: 170389

Ion Ratio Lower Upper

165 100

63 59.2 50.1 75.1

89 56.2 47.8 71.6

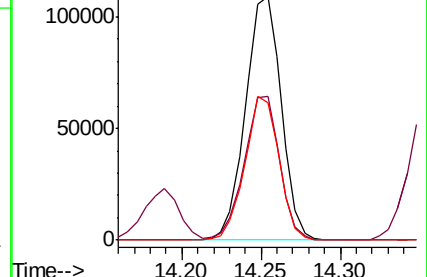
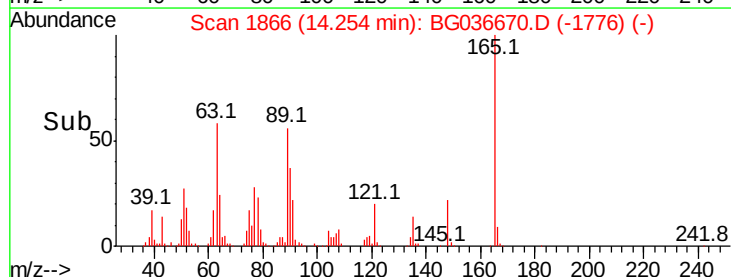


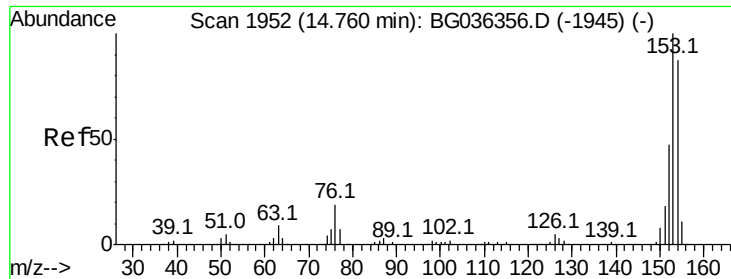
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

14.25





#51

Acenaphthene

Concen: 43.844 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

Instrument :

BNA\_G

ClientSampleId :

PB112760BS

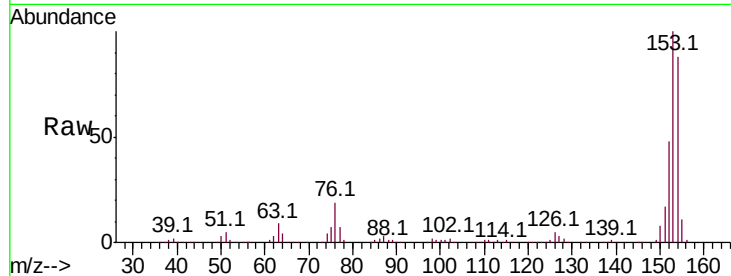
Tot Ion:154 Resp: 556449

Ion Ratio Lower Upper

154 100

153 113.5 91.8 137.6

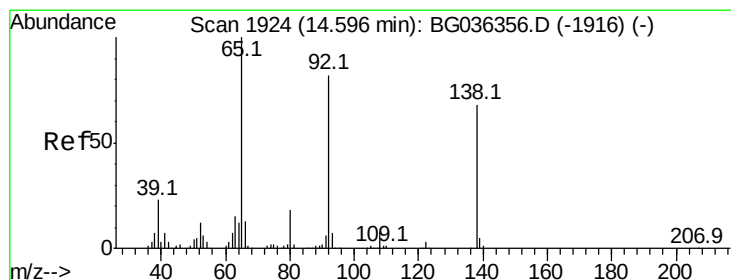
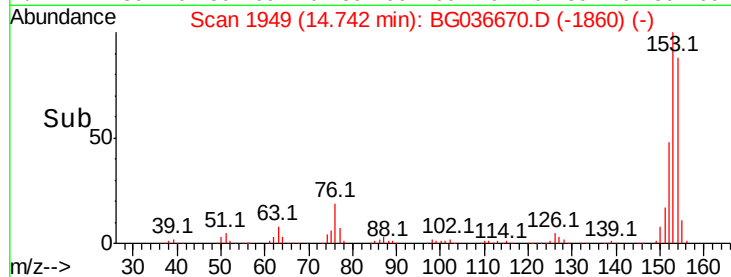
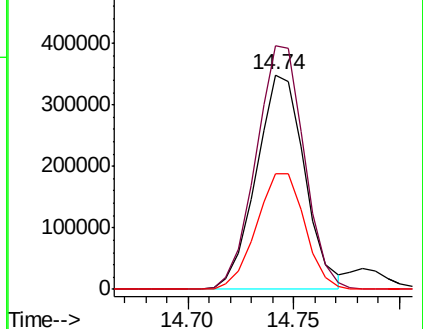
152 54.0 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.276 ng

RT: 14.58 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

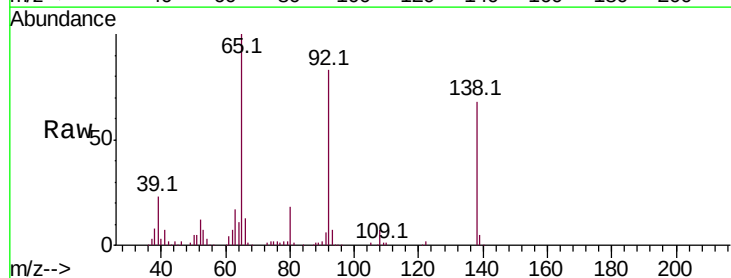
Tgt Ion:138 Resp: 87953

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.2

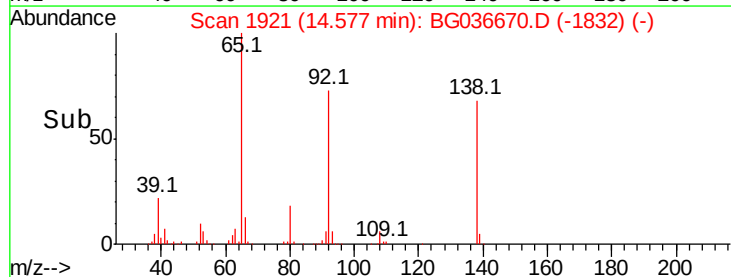
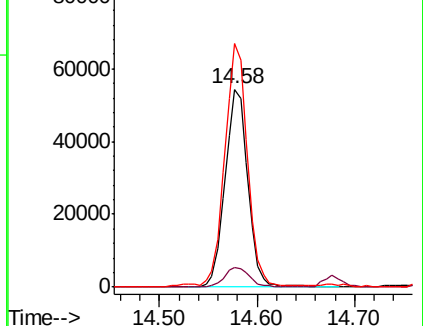
92 122.9 96.8 145.2

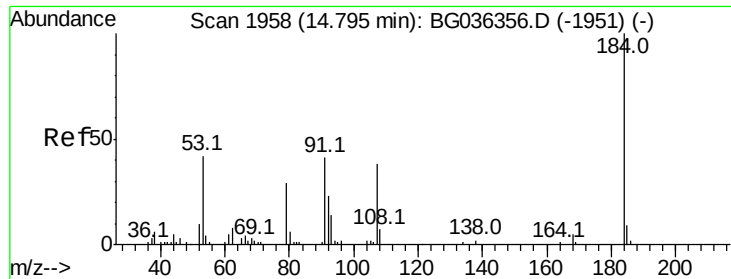


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

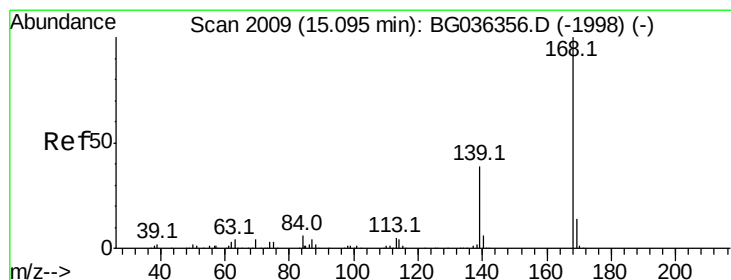
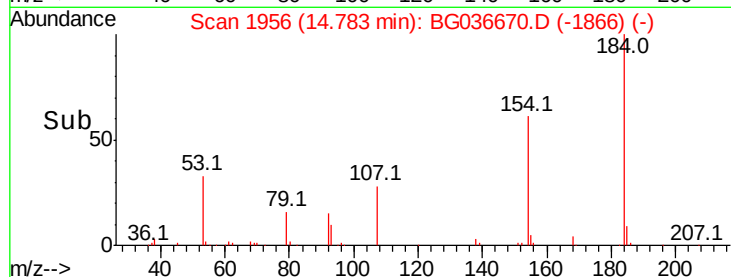
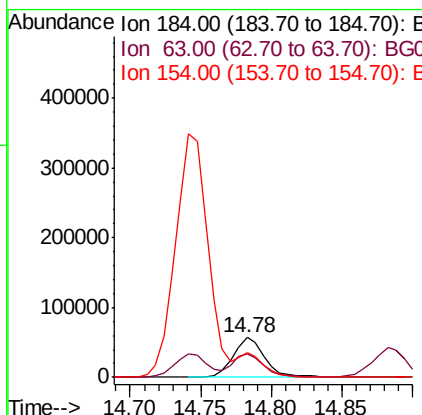
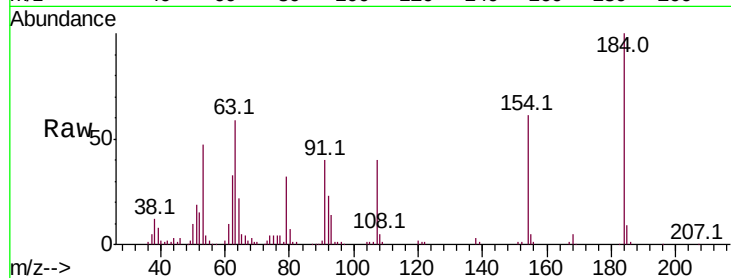




#53  
 2,4-Dinitrophenol  
 Concen: 70.412 ng  
 RT: 14.78 min Scan# 1956  
 Delta R.T. -0.00 min  
 Lab File: BG036670.D  
 Acq: 12 Sep 2018 00:01

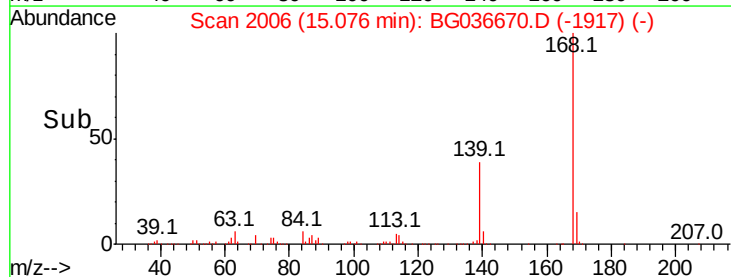
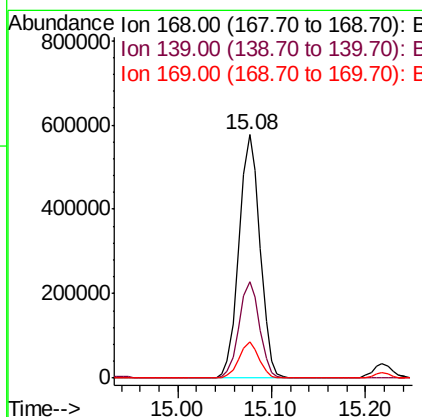
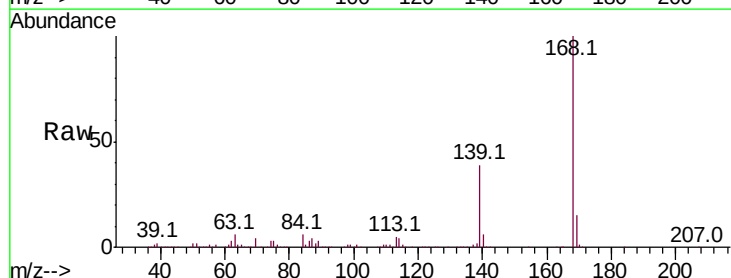
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB112760BS

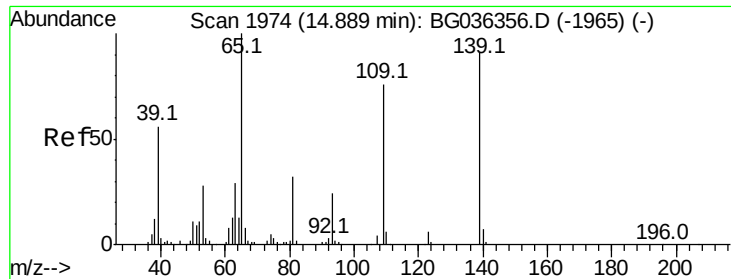
Tot Ion:184 Resp: 89669  
 Ion Ratio Lower Upper  
 184 100  
 63 58.8 47.3 70.9  
 154 61.3 51.1 76.7



#54  
 Dibenzofuran  
 Concen: 44.922 ng  
 RT: 15.08 min Scan# 2006  
 Delta R.T. -0.01 min  
 Lab File: BG036670.D  
 Acq: 12 Sep 2018 00:01

Tgt Ion:168 Resp: 893200  
 Ion Ratio Lower Upper  
 168 100  
 139 39.5 31.0 46.6  
 169 14.7 11.1 16.7

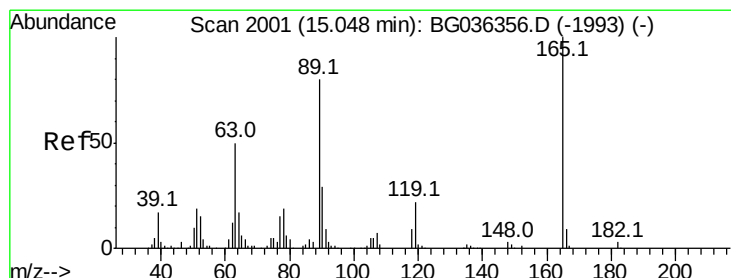
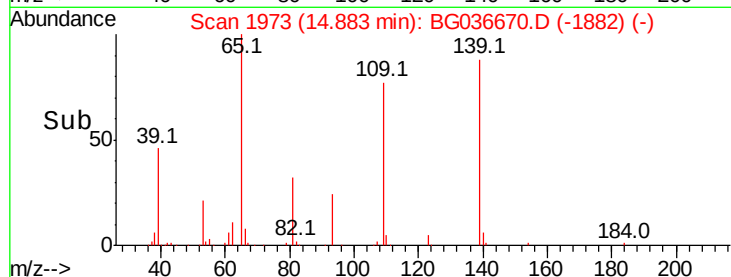
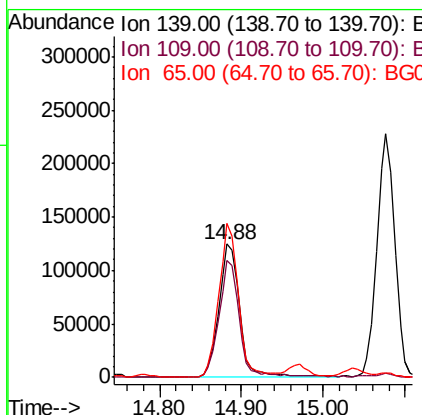
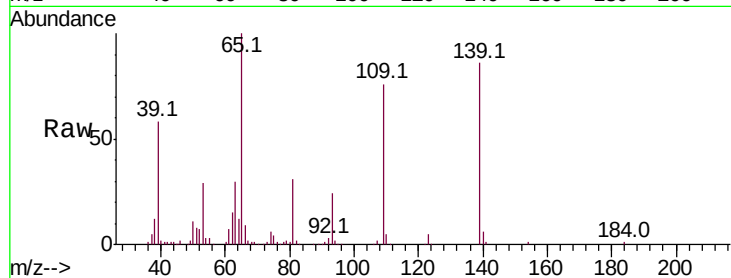




#55  
4-Nitrophenol  
Concen: 75.585 ng  
RT: 14.88 min Scan# 1973  
Delta R.T. 0.00 min  
Lab File: BG036670.D  
Acq: 12 Sep 2018 00:01

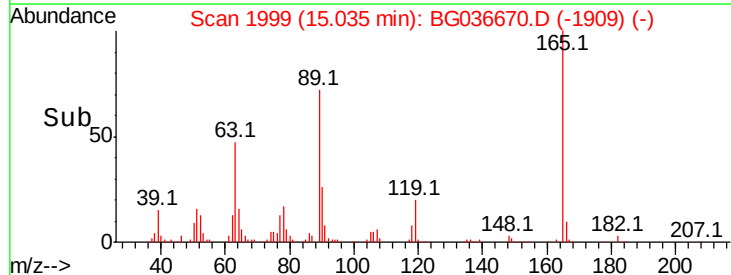
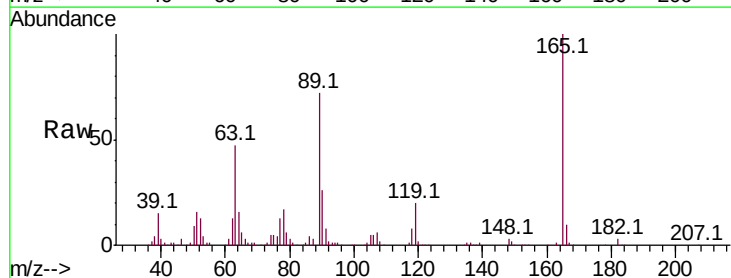
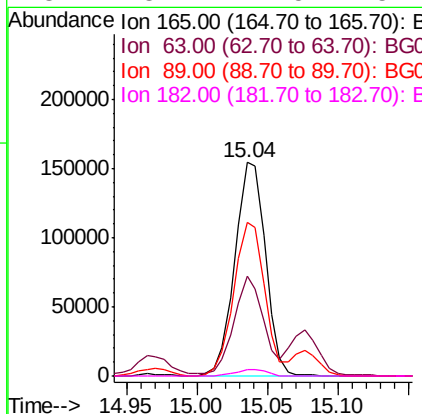
Instrument :  
BNA\_G  
ClientSampleId :  
PB112760BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 87.8  | 63.9  | 103.9 |
| 65      | 115.8 | 90.0  | 130.0 |

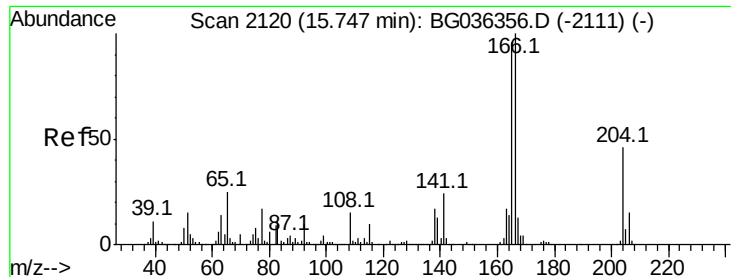


#56  
2,4-Dinitrotoluene  
Concen: 53.416 ng  
RT: 15.04 min Scan# 1999  
Delta R.T. -0.00 min  
Lab File: BG036670.D  
Acq: 12 Sep 2018 00:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 46.7  | 40.1  | 60.1  |
| 89      | 71.7  | 63.7  | 95.5  |
| 182     | 3.2   | 2.5   | 3.7   |



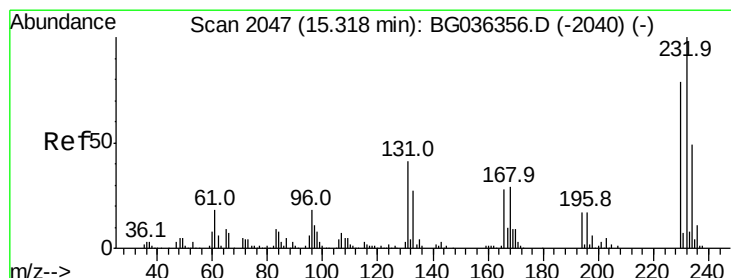
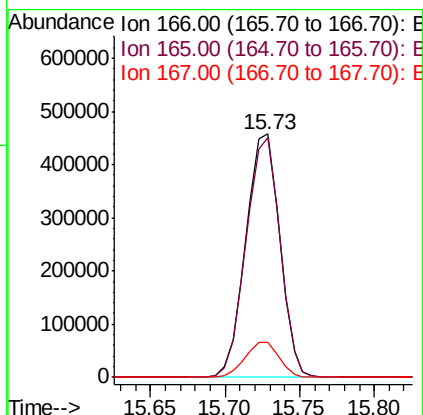
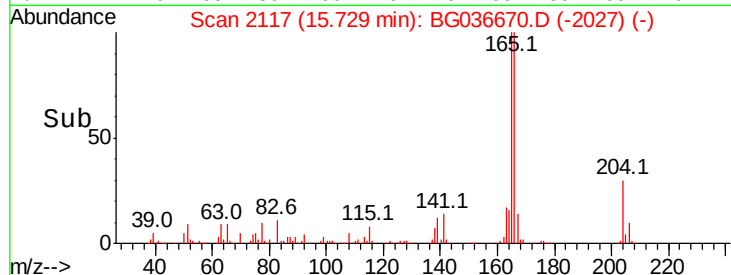
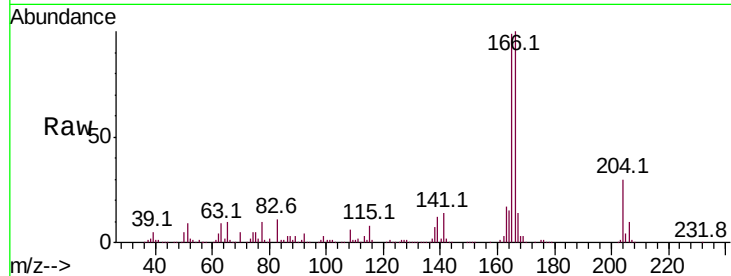




#57  
 Fluorene  
 Concen: 48.491 ng  
 RT: 15.73 min Scan# 2117  
 Delta R.T. -0.00 min  
 Lab File: BG036670.D  
 Acq: 12 Sep 2018 00:01

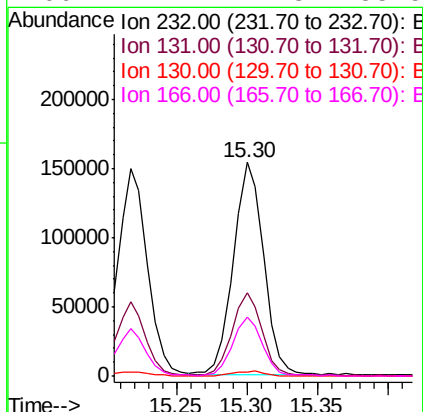
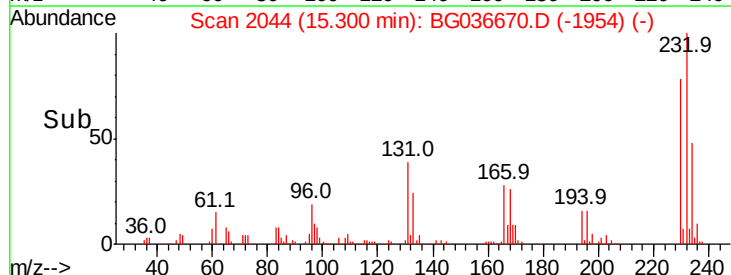
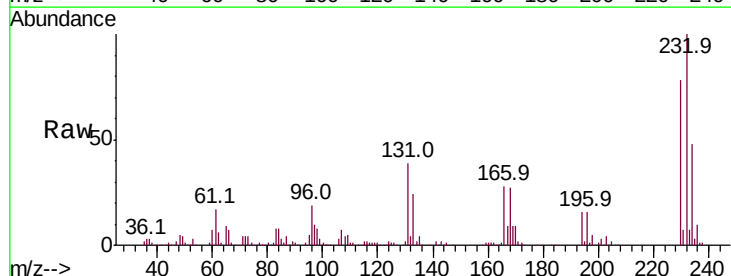
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB112760BS

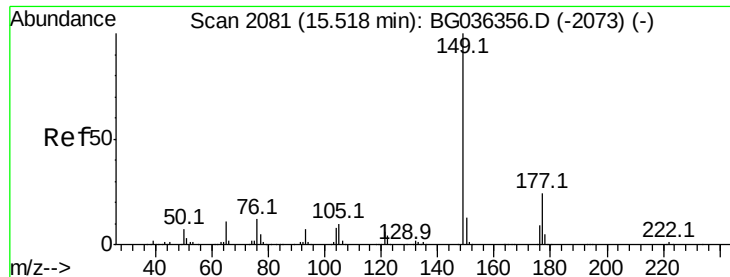
Tot Ion:166 Resp: 720774  
 Ion Ratio Lower Upper  
 166 100  
 165 98.7 77.0 115.4  
 167 14.2 10.6 16.0



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 53.235 ng  
 RT: 15.30 min Scan# 2044  
 Delta R.T. -0.00 min  
 Lab File: BG036670.D  
 Acq: 12 Sep 2018 00:01

Tgt Ion:232 Resp: 230118  
 Ion Ratio Lower Upper  
 232 100  
 131 39.2 33.8 50.8  
 130 2.3 2.1 3.1  
 166 27.2 22.3 33.5





#59

Diethylphthalate

Concen: 46.385 ng

RT: 15.49 min Scan# 2077

Delta R.T. -0.01 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

Instrument :

BNA\_G

ClientSampleId :

PB112760BS

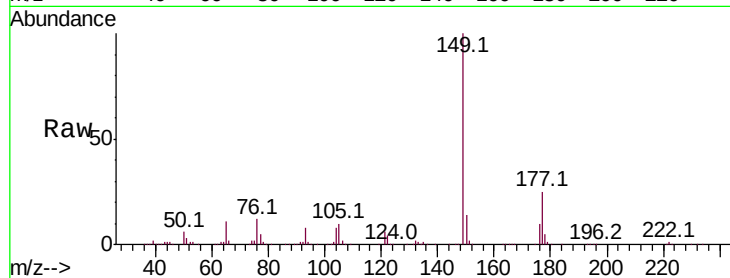
Tot Ion:149 Resp: 763783

Ion Ratio Lower Upper

149 100

177 24.8 19.1 28.7

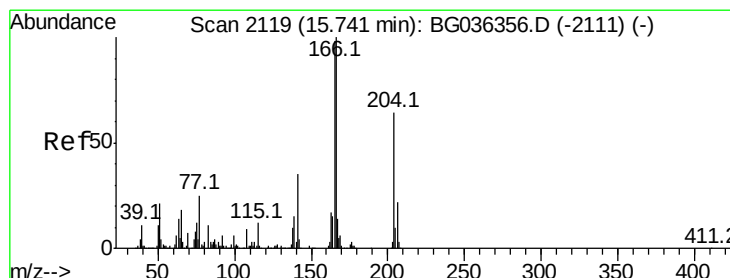
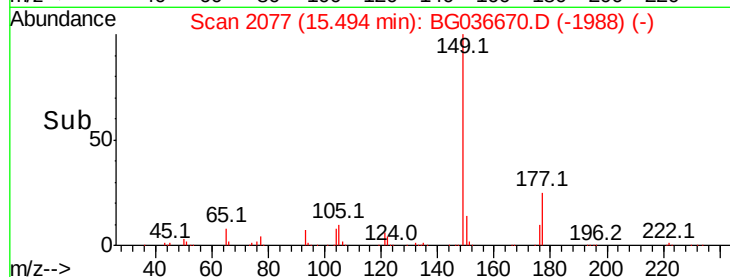
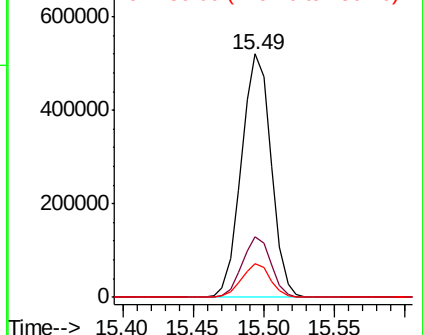
150 14.0 10.7 16.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.265 ng

RT: 15.72 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

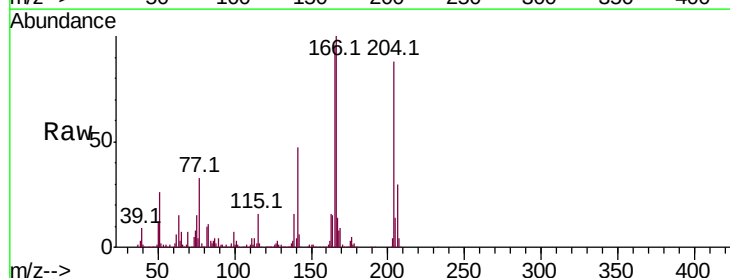
Tgt Ion:204 Resp: 424638

Ion Ratio Lower Upper

204 100

206 33.9 27.0 40.4

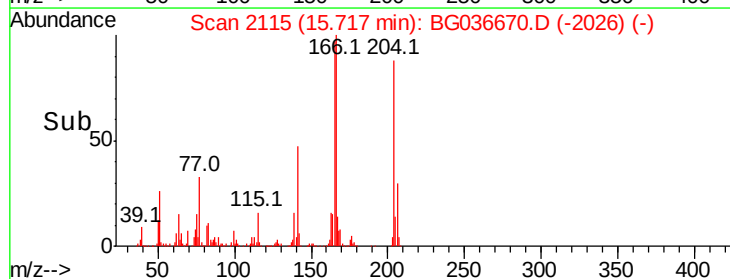
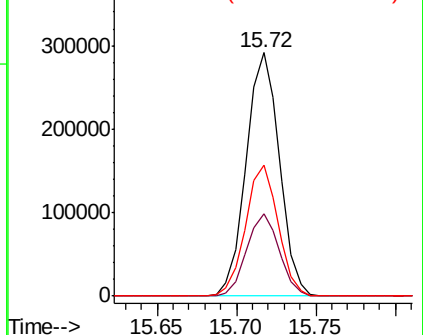
141 53.6 43.8 65.6

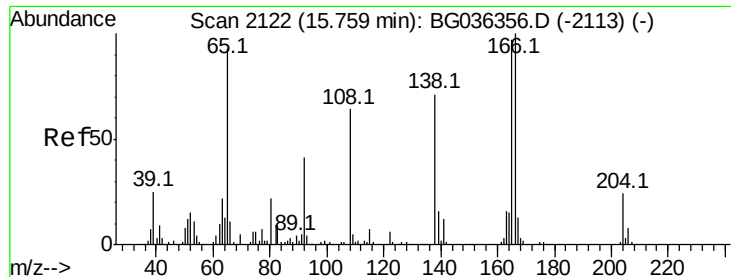


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.848 ng

RT: 15.75 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

Instrument :

BNA\_G

ClientSampleId :

PB112760BS

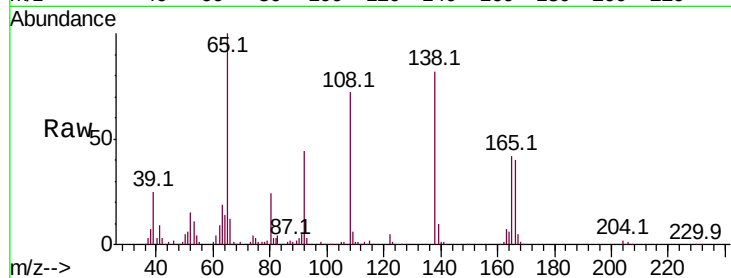
Tot Ion:138 Resp: 162451

Ion Ratio Lower Upper

138 100

92 53.4 38.5 78.5

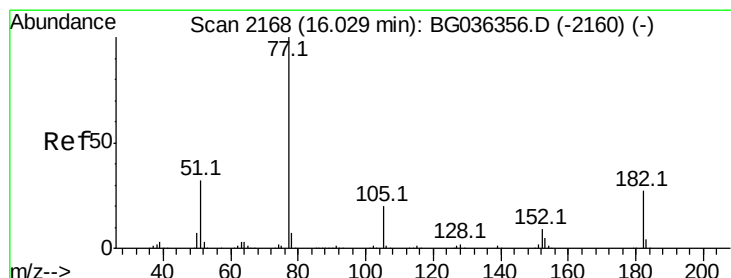
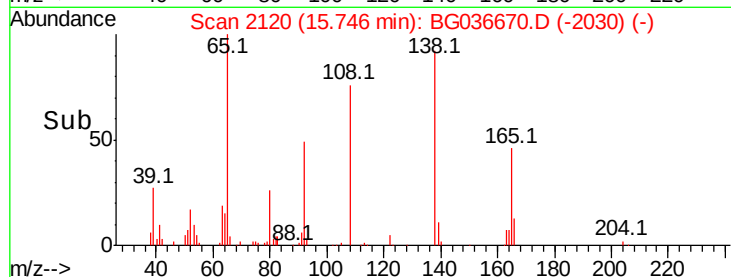
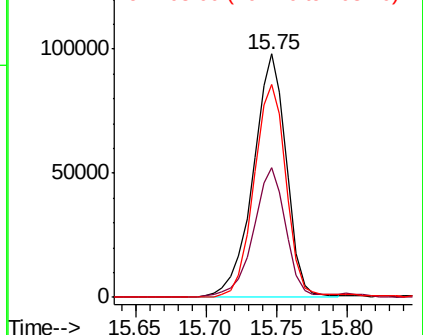
108 87.6 70.3 110.3



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



#62

Azobenzene

Concen: 44.470 ng

RT: 16.01 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

Tgt Ion: 77 Resp: 745052

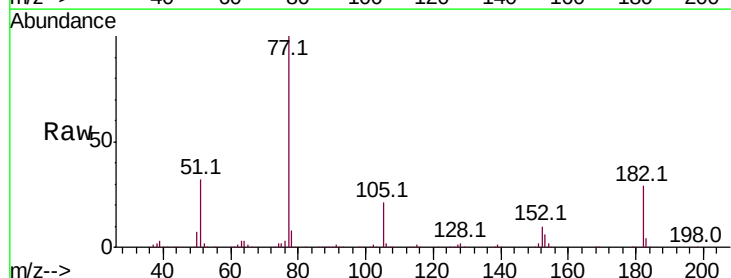
Ion Ratio Lower Upper

77 100

182 29.2 6.7 46.7

105 20.6 0.0 39.8

51 31.9 12.4 52.4

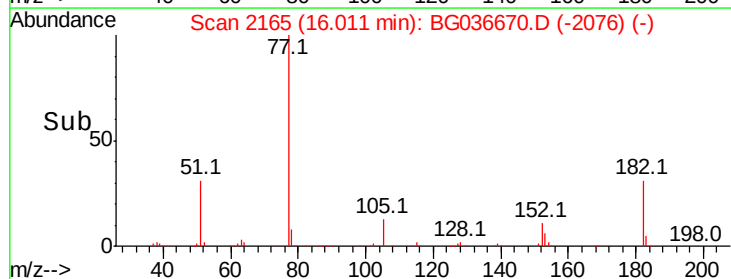
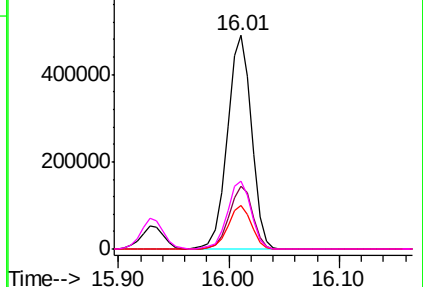


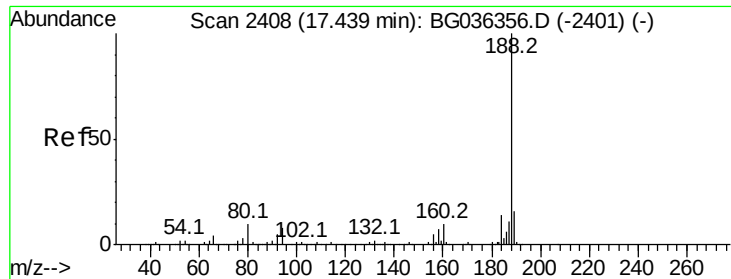
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

Instrument :

BNA\_G

ClientSampleId :

PB112760BS

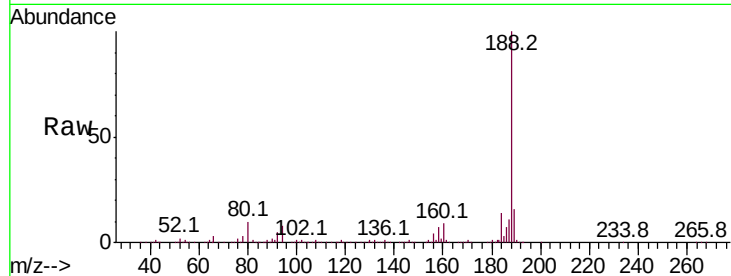
Tot Ion:188 Resp: 482436

Ion Ratio Lower Upper

188 100

94 7.8 6.7 10.1

80 9.5 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

400000

300000

200000

100000

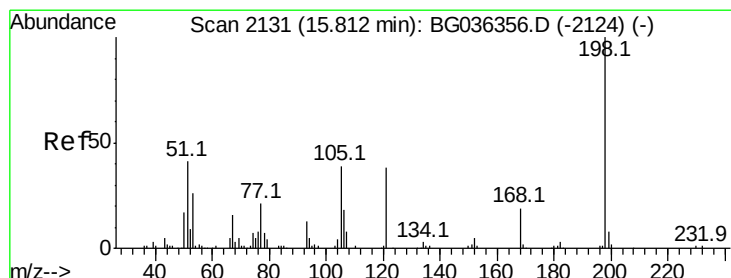
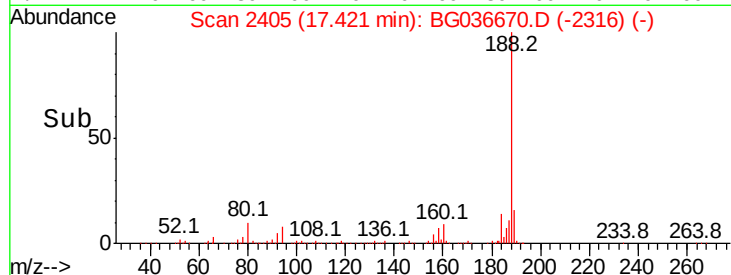
0

17.42

17.40

17.50

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 46.601 ng

RT: 15.80 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

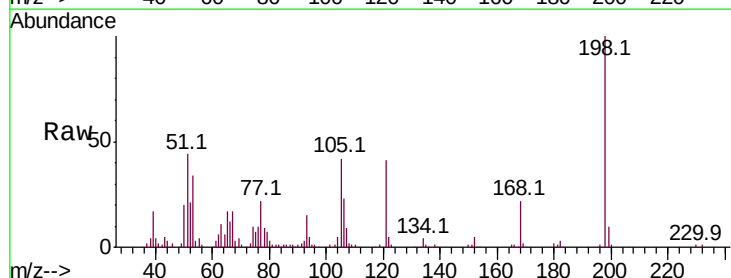
Tgt Ion:198 Resp: 98759

Ion Ratio Lower Upper

198 100

51 44.2 26.5 66.5

105 42.3 20.2 60.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

120000

100000

80000

60000

40000

20000

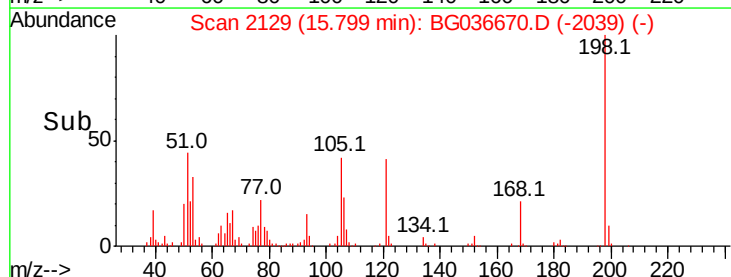
0

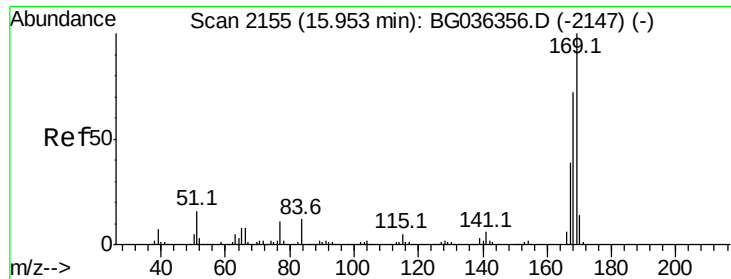
15.80

15.70

15.90

Time-->

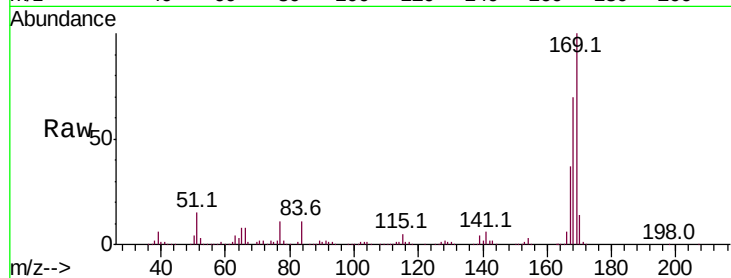




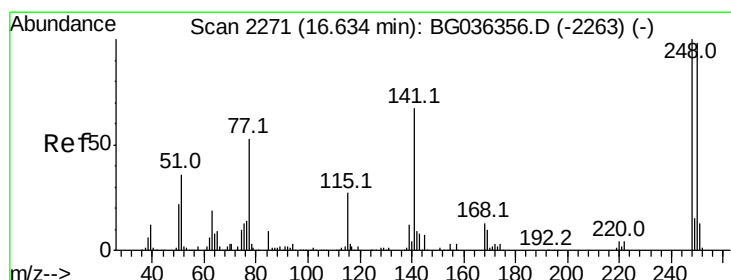
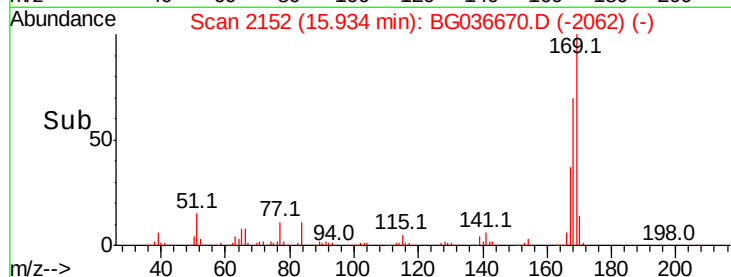
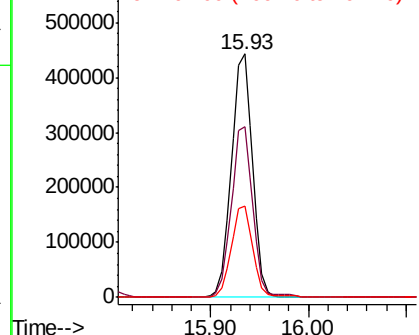
#65  
n-Nitrosodiphenylamine  
Concen: 46.251 ng  
RT: 15.93 min Scan# 2152  
Delta R.T. -0.00 min  
Lab File: BG036670.D  
Acq: 12 Sep 2018 00:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB112760BS

Tot Ion:169 Resp: 663000  
Ion Ratio Lower Upper  
169 100  
168 70.2 57.6 86.4  
167 37.4 31.0 46.4

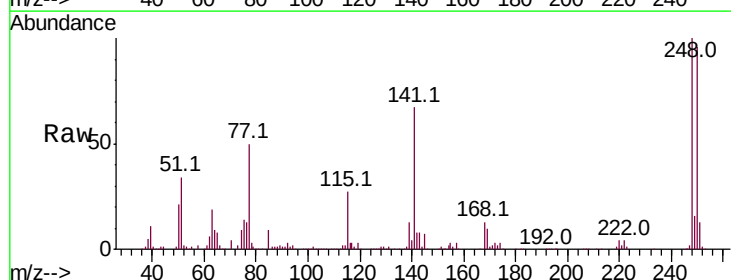


Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E

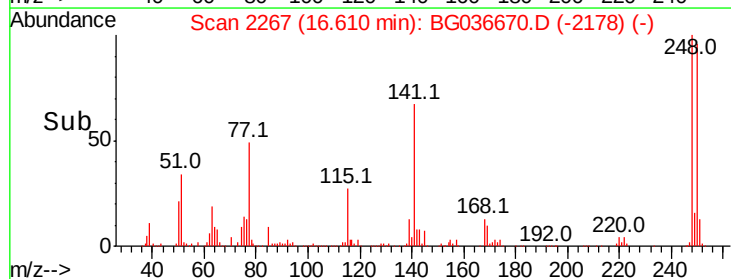
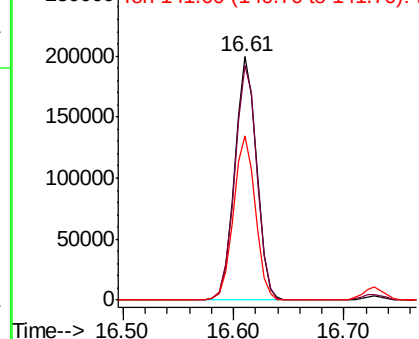


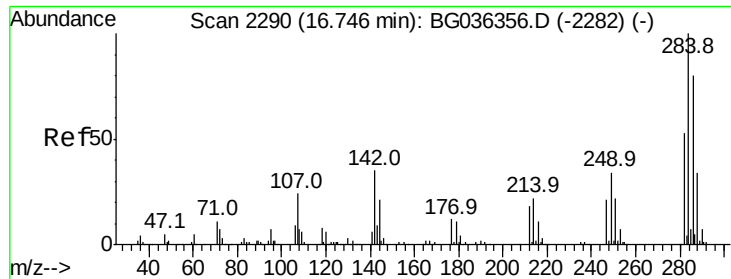
#66  
4-Bromophenyl-phenylether  
Concen: 49.041 ng  
RT: 16.61 min Scan# 2267  
Delta R.T. -0.01 min  
Lab File: BG036670.D  
Acq: 12 Sep 2018 00:01

Tgt Ion:248 Resp: 276999  
Ion Ratio Lower Upper  
248 100  
250 96.4 78.1 117.1  
141 67.2 53.7 80.5



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

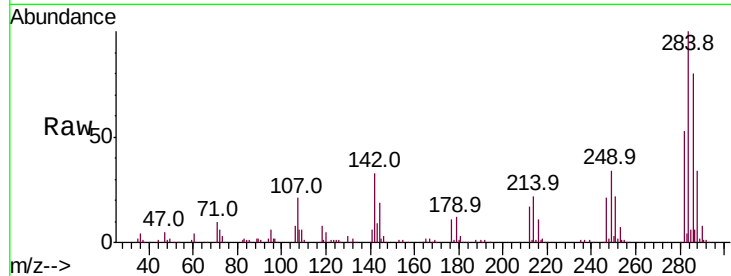




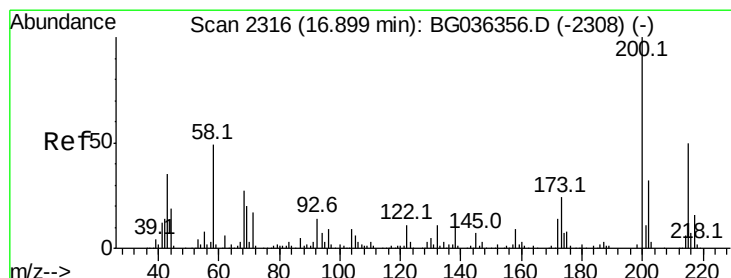
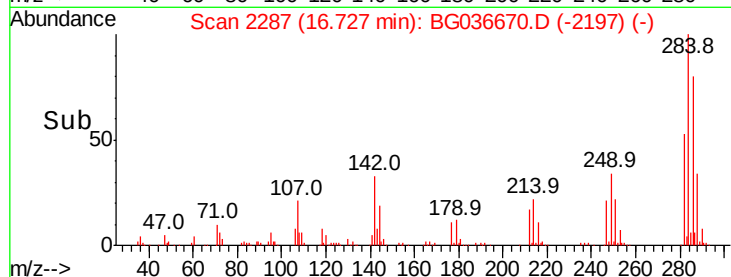
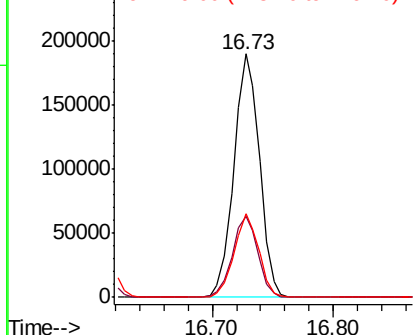
#67  
Hexachlorobenzene  
Concen: 48.400 ng  
RT: 16.73 min Scan# 2287  
Delta R.T. -0.00 min  
Lab File: BG036670.D  
Acq: 12 Sep 2018 00:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB112760BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 33.5  | 27.8  | 41.6  |
| 249     | 34.1  | 27.4  | 41.2  |

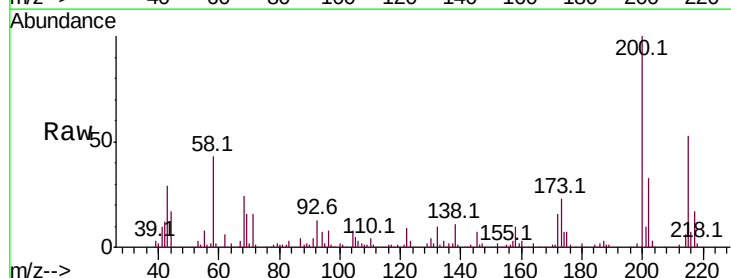


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

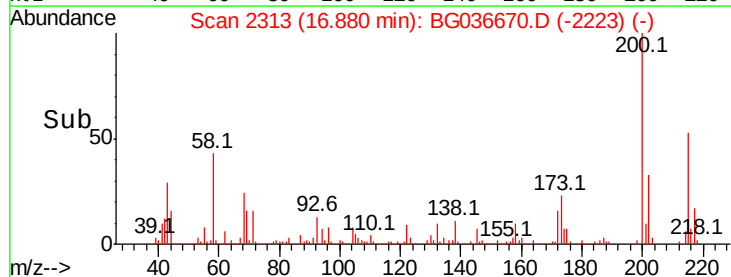
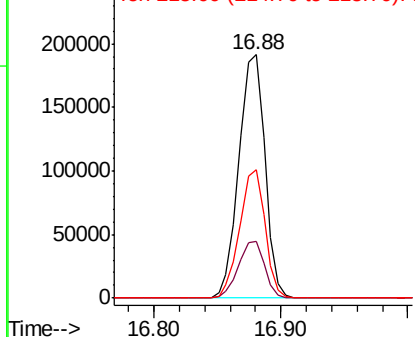


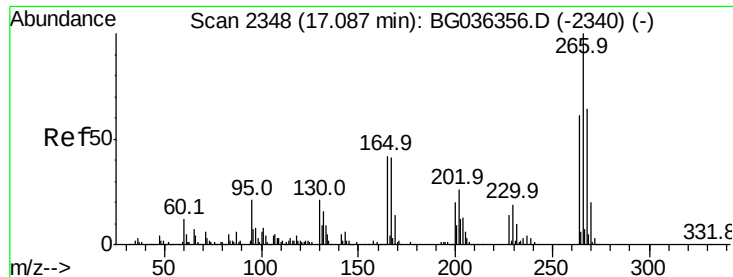
#68  
Atrazine  
Concen: 50.857 ng  
RT: 16.88 min Scan# 2313  
Delta R.T. -0.00 min  
Lab File: BG036670.D  
Acq: 12 Sep 2018 00:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 23.4  | 3.9   | 43.9  |
| 215     | 53.0  | 30.4  | 70.4  |



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

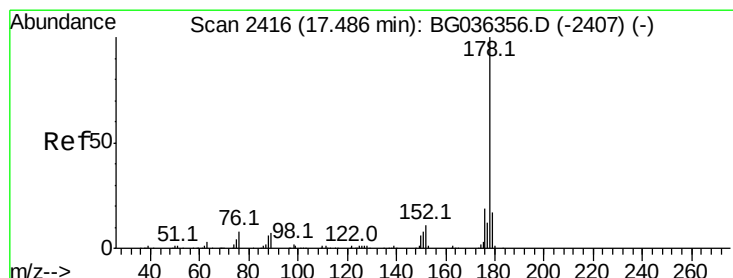
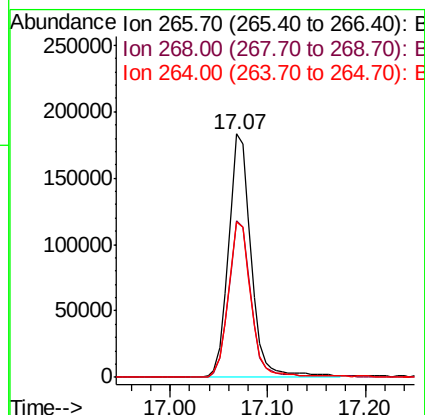
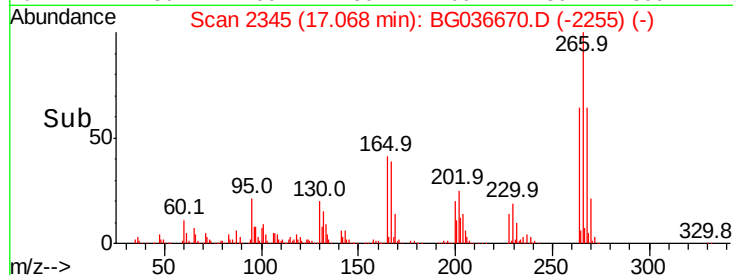
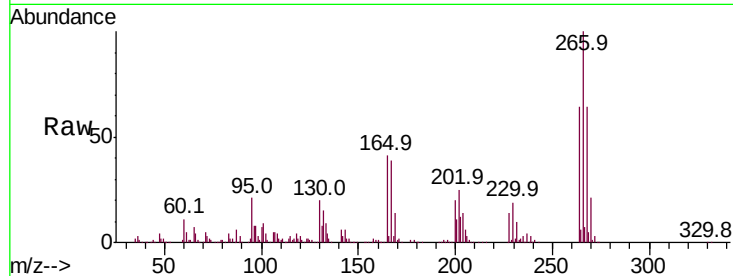




#69  
 Pentachlorophenol  
 Concen: 75.033 ng  
 RT: 17.07 min Scan# 2345  
 Delta R.T. -0.00 min  
 Lab File: BG036670.D  
 Acq: 12 Sep 2018 00:01

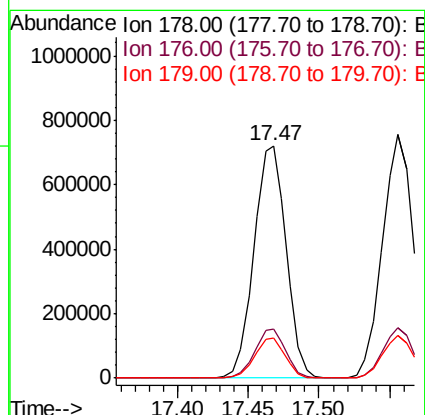
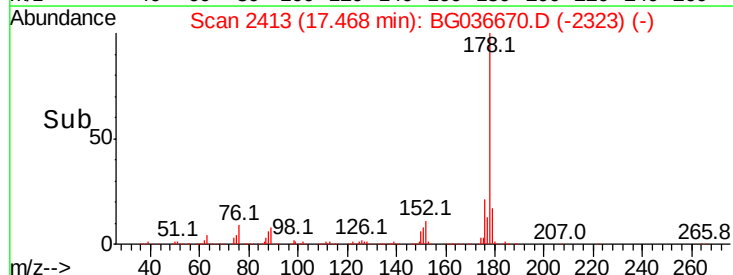
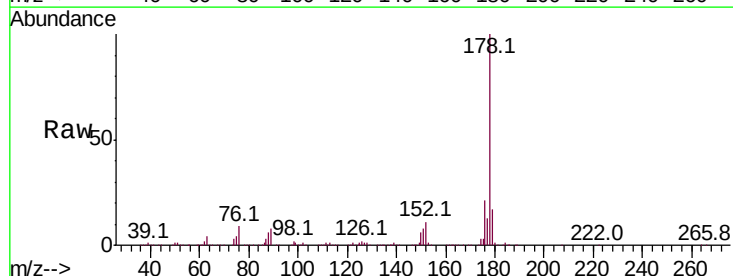
Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB112760BS

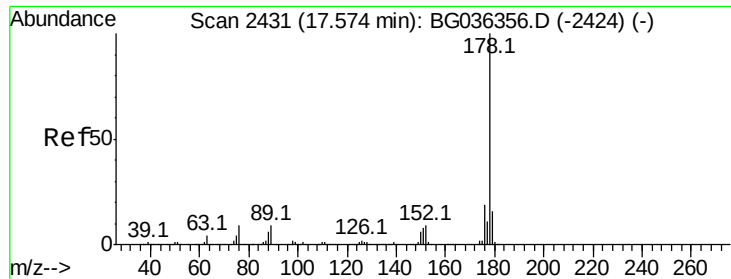
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 266   | Resp: | 294531 |
| Ion      | Ratio | Lower | Upper  |
| 266      | 100   |       |        |
| 268      | 64.2  | 51.4  | 77.2   |
| 264      | 63.7  | 48.9  | 73.3   |



#70  
 Phenanthrene  
 Concen: 47.110 ng  
 RT: 17.47 min Scan# 2413  
 Delta R.T. -0.00 min  
 Lab File: BG036670.D  
 Acq: 12 Sep 2018 00:01

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 178   | Resp: | 1154844 |
| Ion      | Ratio | Lower | Upper   |
| 178      | 100   |       |         |
| 176      | 21.2  | 15.4  | 23.2    |
| 179      | 17.2  | 13.4  | 20.2    |



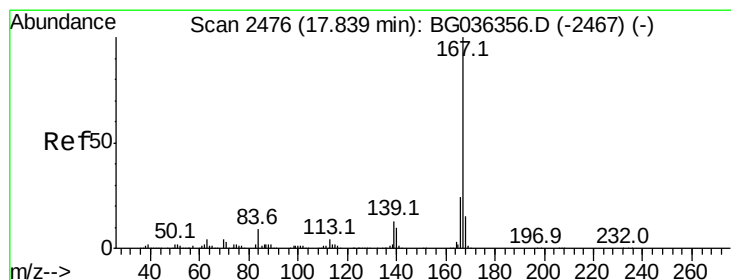
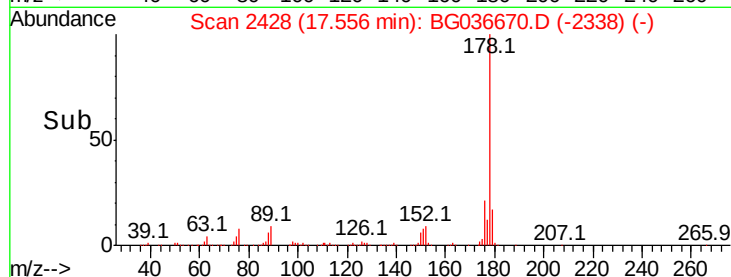
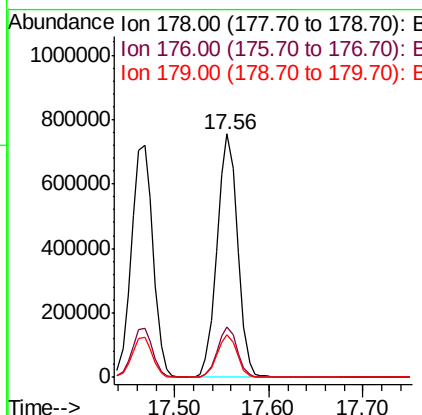
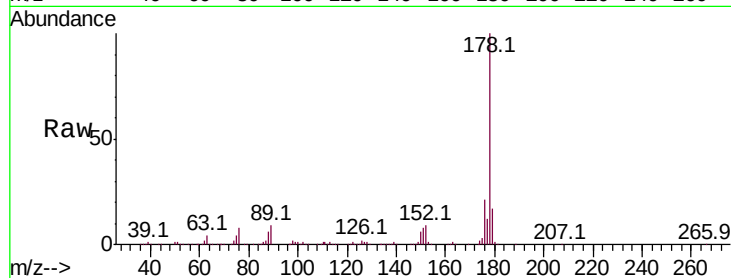


#71  
 Anthracene  
 Concen: 47.354 ng  
 RT: 17.56 min Scan# 2428  
 Delta R.T. -0.00 min  
 Lab File: BG036670.D  
 Acq: 12 Sep 2018 00:01

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB112760BS

Tot Ion:178 Resp: 1157143  

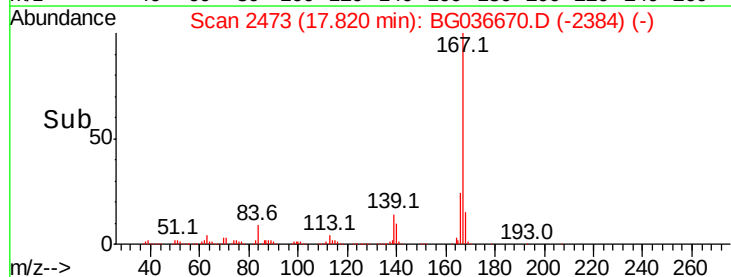
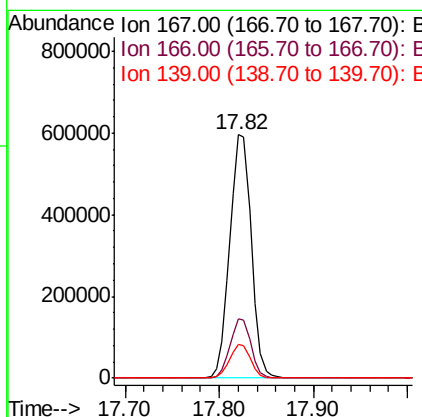
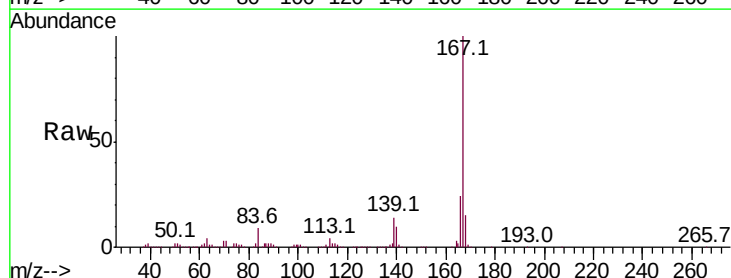
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 20.5  | 15.4  | 23.2  |
| 179 | 17.4  | 13.0  | 19.4  |



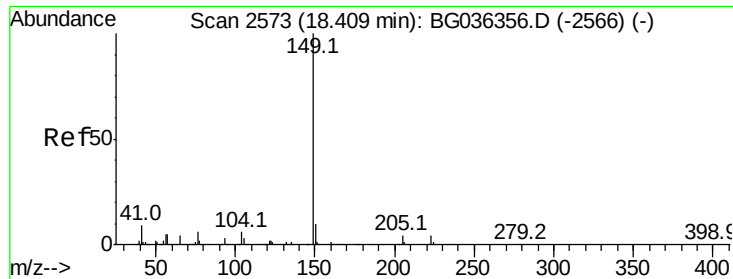
#72  
 Carbazole  
 Concen: 38.927 ng  
 RT: 17.82 min Scan# 2473  
 Delta R.T. -0.01 min  
 Lab File: BG036670.D  
 Acq: 12 Sep 2018 00:01

Tgt Ion:167 Resp: 949968  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 24.3  | 19.5  | 29.3  |
| 139 | 14.1  | 10.7  | 16.1  |







#73

Di-n-butylphthalate

Concen: 40.878 ng

RT: 18.38 min Scan# 2568

Delta R.T. -0.01 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

Instrument :

BNA\_G

ClientSampleId :

PB112760BS

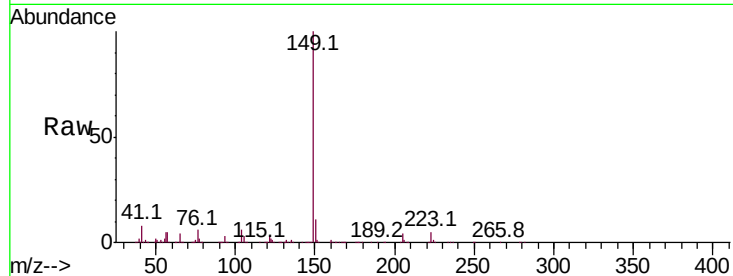
Tot Ion:149 Resp: 1110877

Ion Ratio Lower Upper

149 100

150 10.5 8.1 12.1

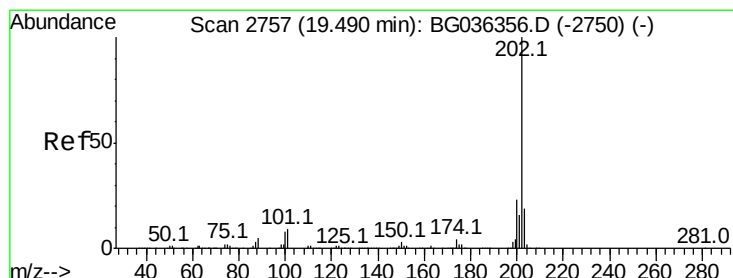
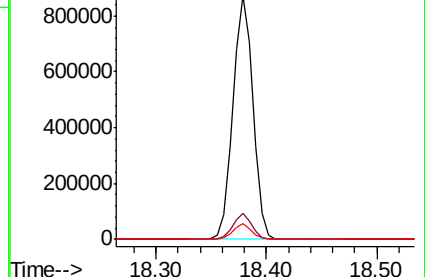
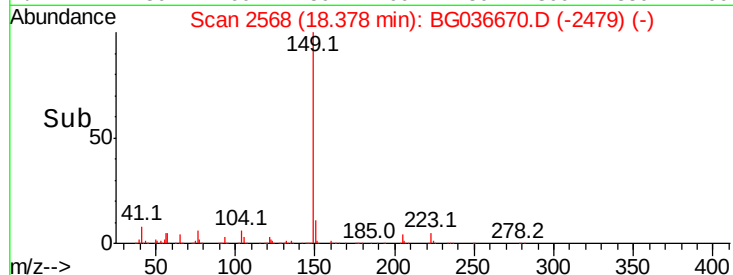
104 6.4 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.292 ng

RT: 19.47 min Scan# 2754

Delta R.T. -0.00 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

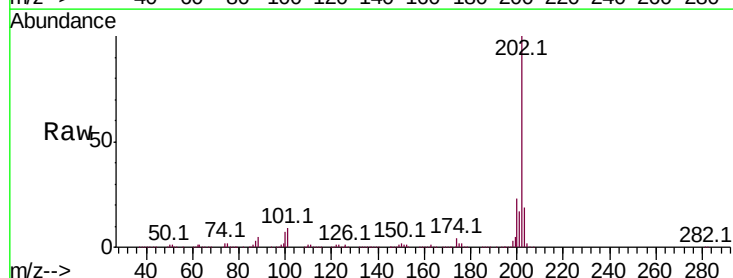
Tgt Ion:202 Resp: 1264004

Ion Ratio Lower Upper

202 100

101 9.3 0.0 29.4

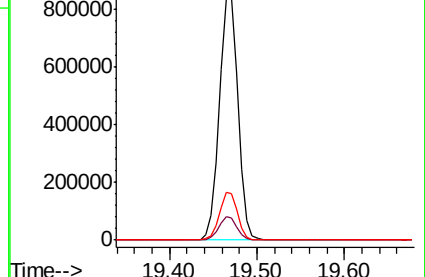
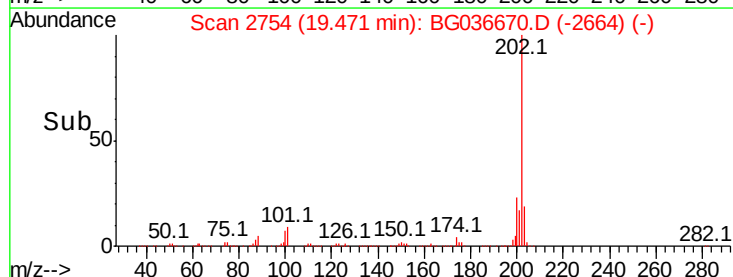
203 19.1 0.0 38.9

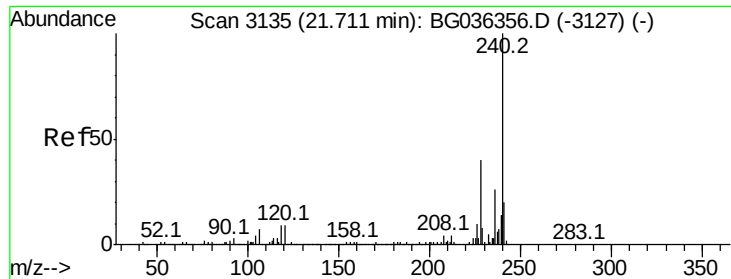


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

Instrument :

BNA\_G

ClientSampleId :

PB112760BS

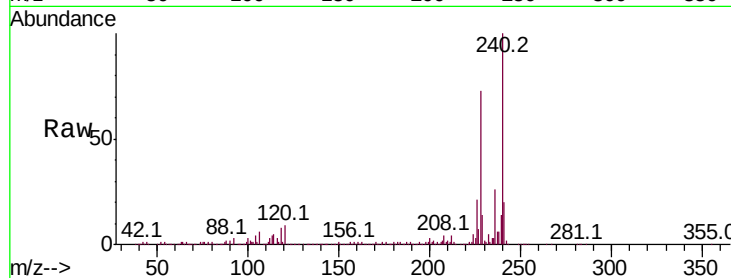
Tot Ion:240 Resp: 419597

Ion Ratio Lower Upper

240 100

120 8.5 6.9 10.3

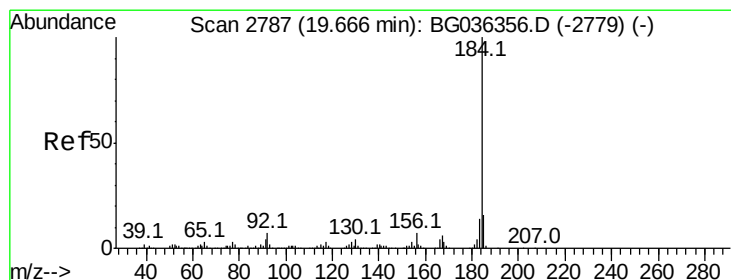
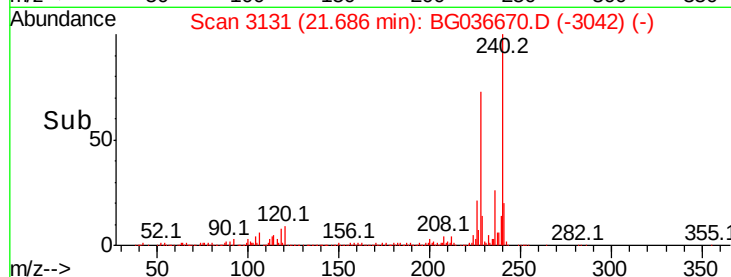
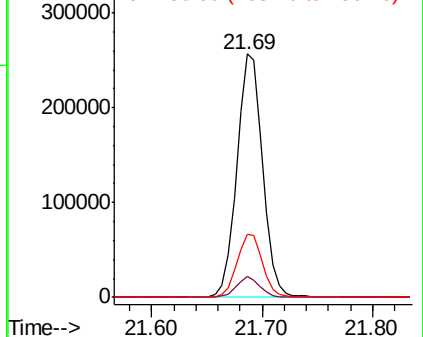
236 25.7 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.741 ng

RT: 19.65 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

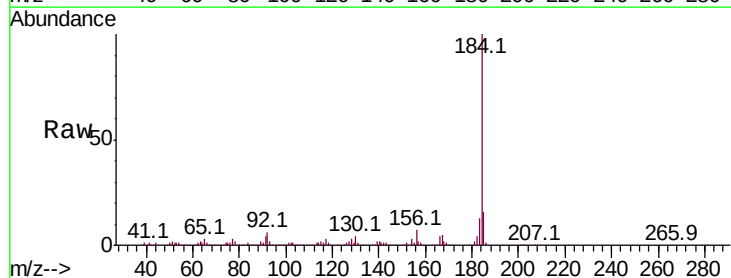
Tgt Ion:184 Resp: 331203

Ion Ratio Lower Upper

184 100

185 15.7 12.6 18.8

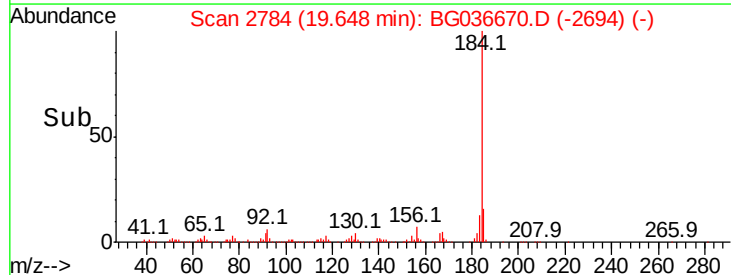
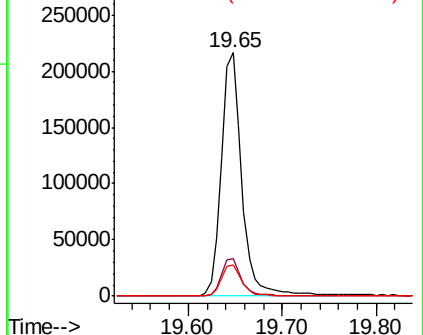
183 12.9 10.9 16.3

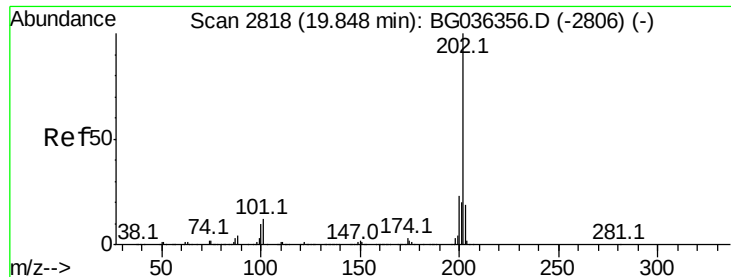


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

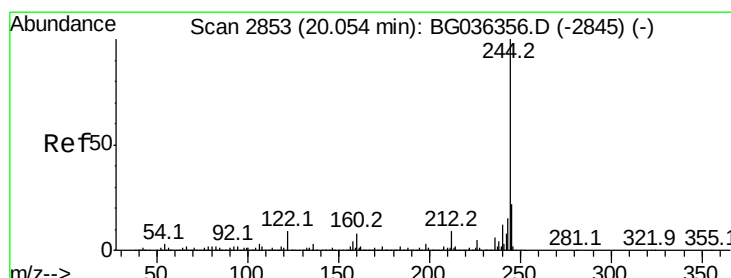
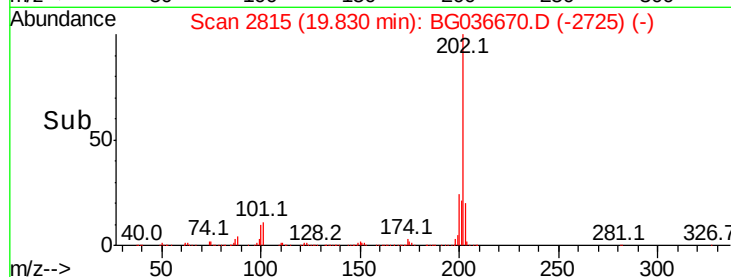
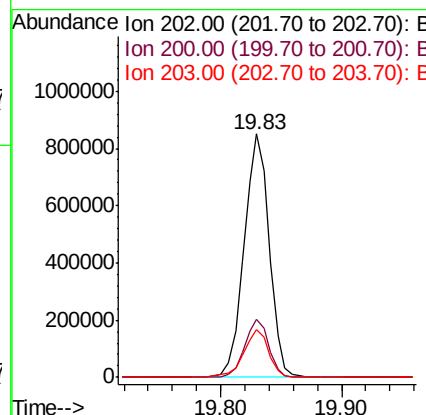
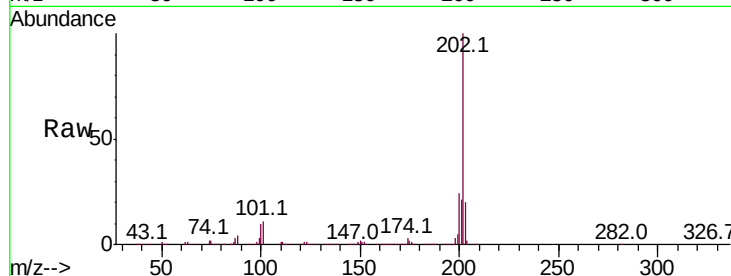




#77  
Pvrene  
Concen: 47.674 ng  
RT: 19.83 min Scan# 2815  
Delta R.T. -0.00 min  
Lab File: BG036670.D  
Acq: 12 Sep 2018 00:01

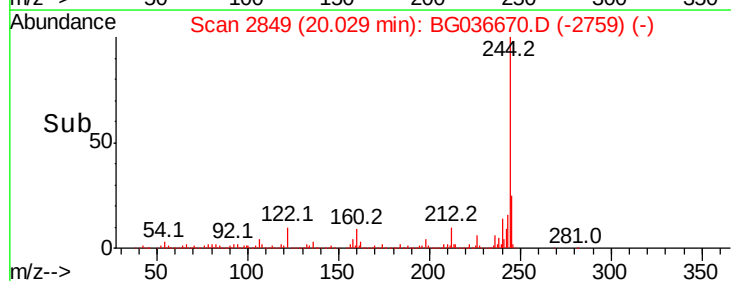
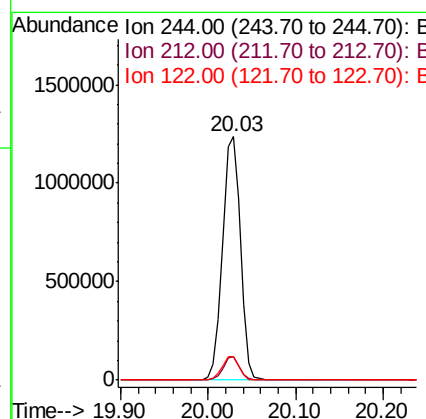
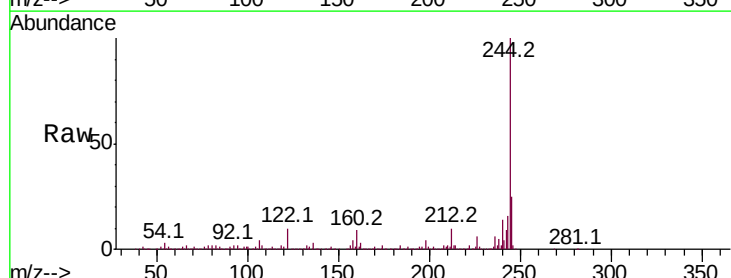
Instrument :  
BNA\_G  
ClientSampleId :  
PB112760BS

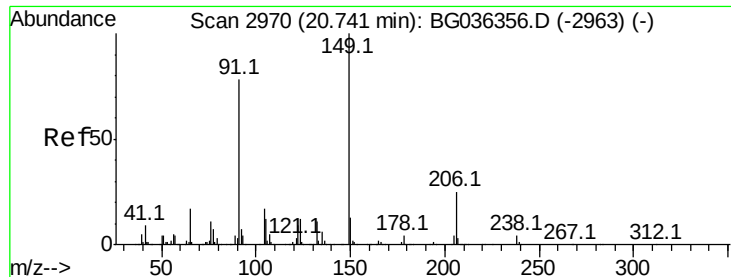
Tot Ion:202 Resp: 1230118  
Ion Ratio Lower Upper  
202 100  
200 24.0 18.3 27.5  
203 19.7 15.1 22.7



#78  
Terphenyl-d14  
Concen: 98.254 ng  
RT: 20.03 min Scan# 2849  
Delta R.T. -0.00 min  
Lab File: BG036670.D  
Acq: 12 Sep 2018 00:01

Tgt Ion:244 Resp: 1763850  
Ion Ratio Lower Upper  
244 100  
212 9.9 7.0 10.6  
122 9.8 7.1 10.7

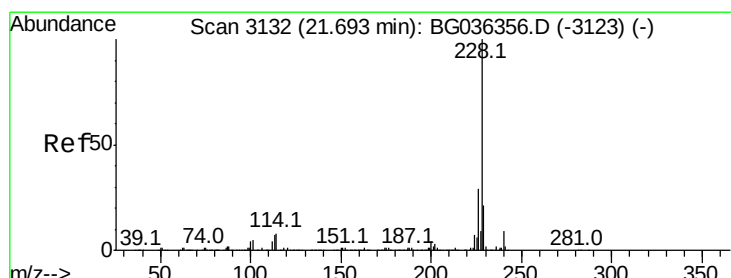
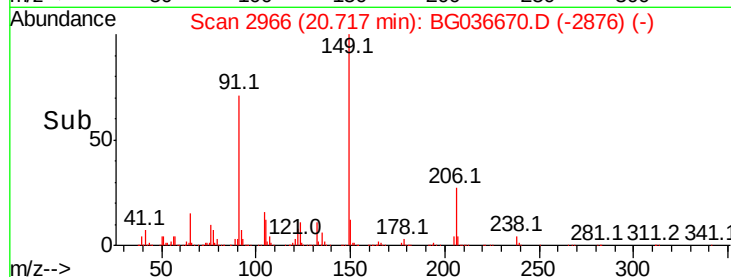
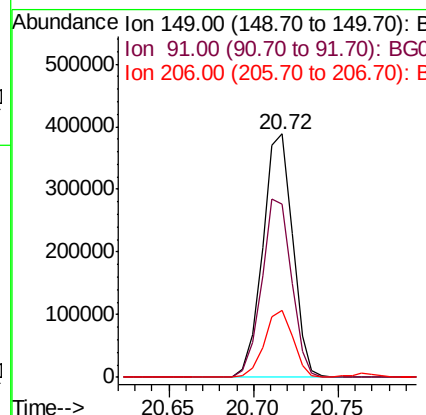
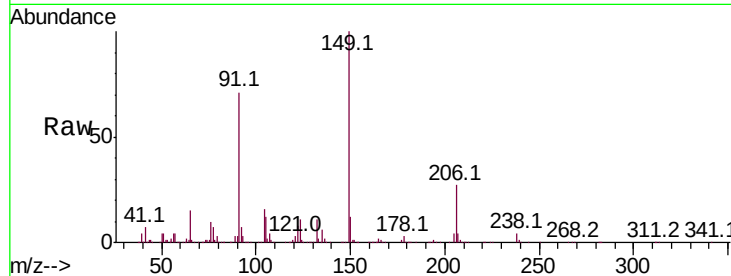




#79  
Butylbenzylphthalate  
Concen: 46.674 ng  
RT: 20.72 min Scan# 2966  
Delta R.T. -0.00 min  
Lab File: BG036670.D  
Acq: 12 Sep 2018 00:01

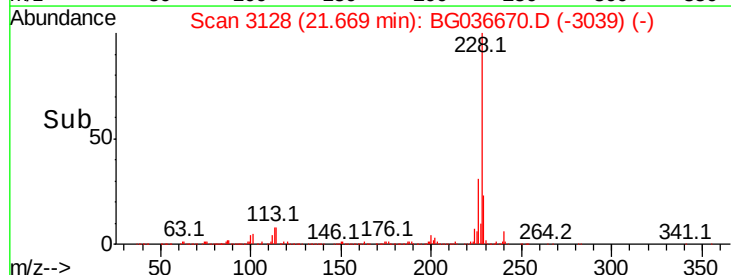
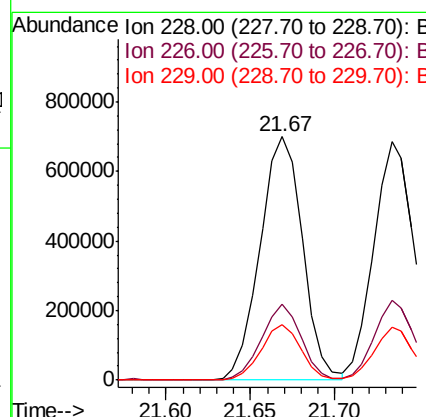
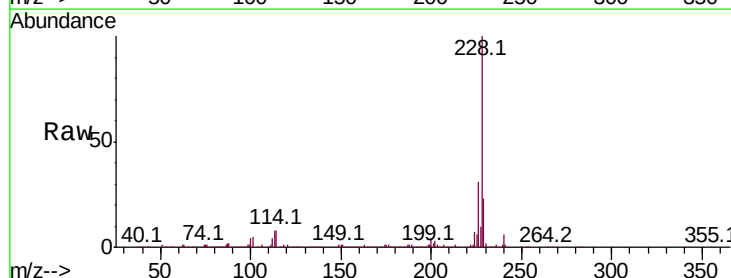
Instrument :  
BNA\_G  
ClientSampleId :  
PB112760BS

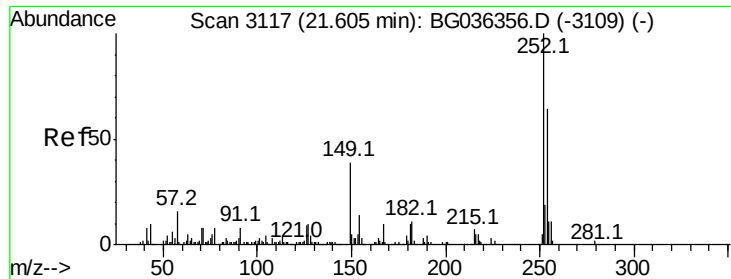
Tot Ion:149 Resp: 479283  
Ion Ratio Lower Upper  
149 100  
91 71.3 62.0 93.0  
206 27.3 19.6 29.4



#80  
Benzo(a)anthracene  
Concen: 48.268 ng  
RT: 21.67 min Scan# 3128  
Delta R.T. -0.01 min  
Lab File: BG036670.D  
Acq: 12 Sep 2018 00:01

Tgt Ion:228 Resp: 1226977  
Ion Ratio Lower Upper  
228 100  
226 31.1 23.4 35.2  
229 22.6 17.1 25.7

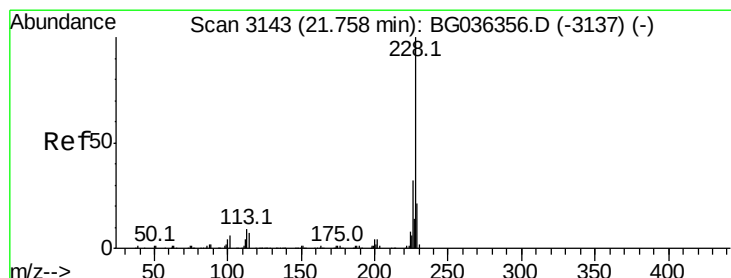
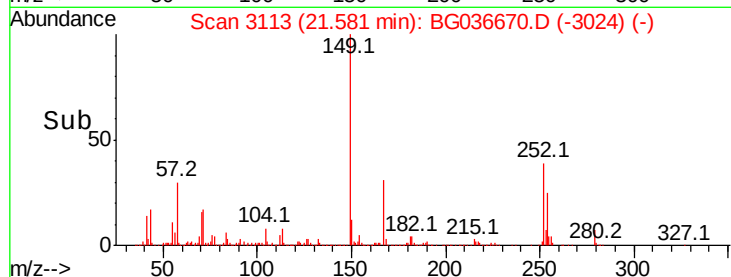
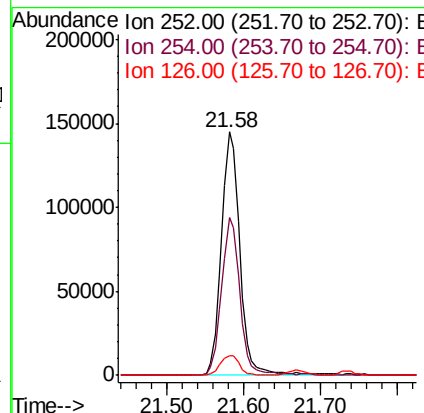
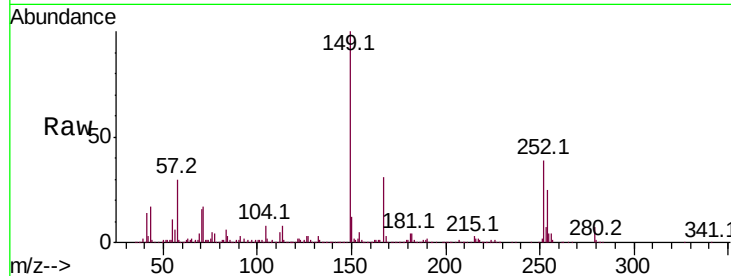




#81  
 3,3'-Dichlorobenzidine  
 Concen: 23.810 ng  
 RT: 21.58 min Scan# 3113  
 Delta R.T. -0.01 min  
 Lab File: BG036670.D  
 Acq: 12 Sep 2018 00:01

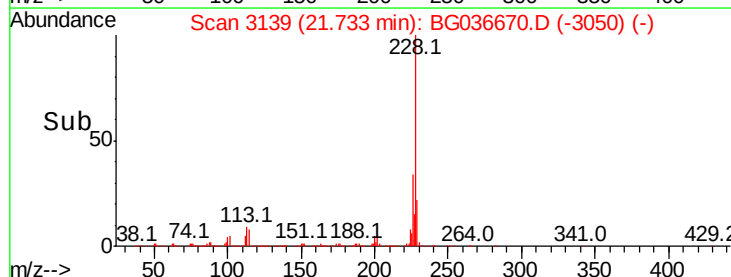
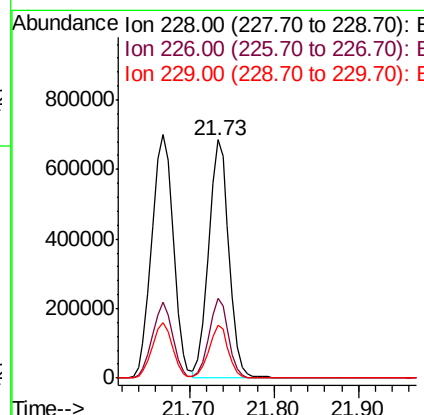
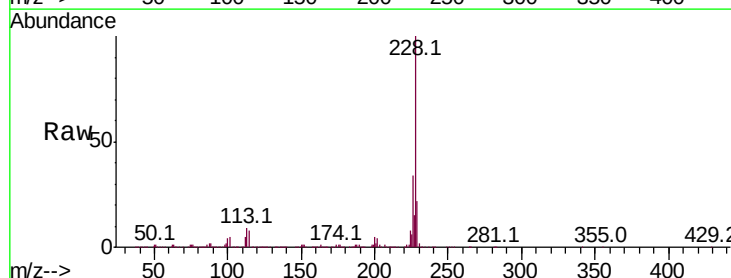
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB112760BS

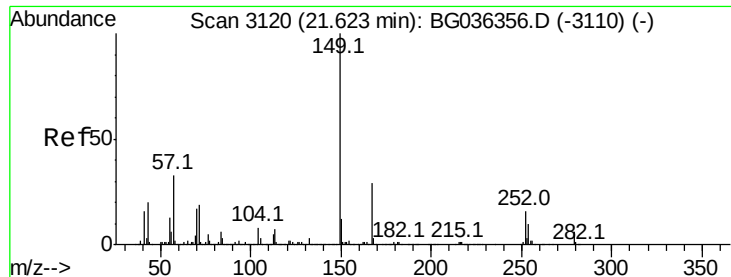
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.6  | 51.0  | 76.4  |
| 126     | 8.3   | 7.4   | 11.0  |



#82  
 Chrysene  
 Concen: 47.728 ng  
 RT: 21.73 min Scan# 3139  
 Delta R.T. -0.01 min  
 Lab File: BG036670.D  
 Acq: 12 Sep 2018 00:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 33.5  | 25.5  | 38.3  |
| 229     | 22.2  | 16.9  | 25.3  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.382 ng

RT: 21.57 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

Instrument :

BNA\_G

ClientSampleId :

PB112760BS

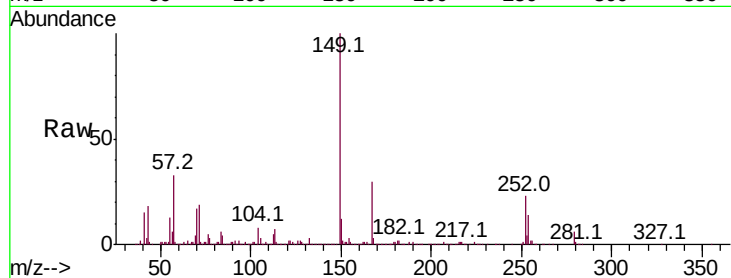
Tot Ion:149 Resp: 666489

Ion Ratio Lower Upper

149 100

167 29.7 23.4 35.0

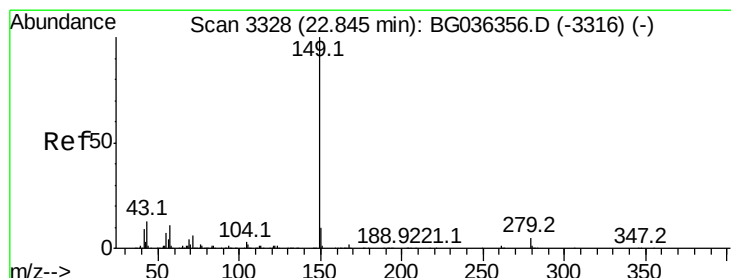
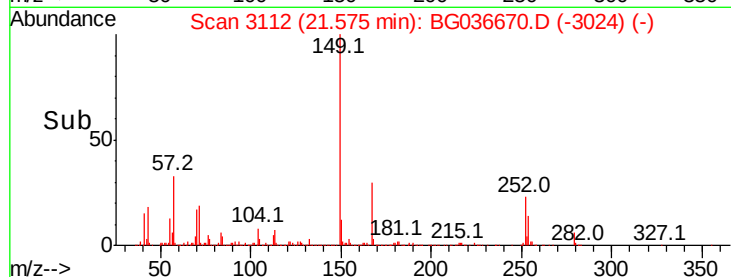
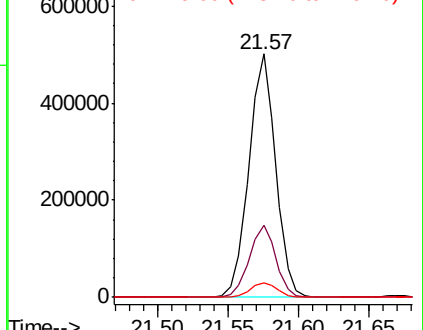
279 5.9 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.111 ng

RT: 22.79 min Scan# 3318

Delta R.T. -0.01 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

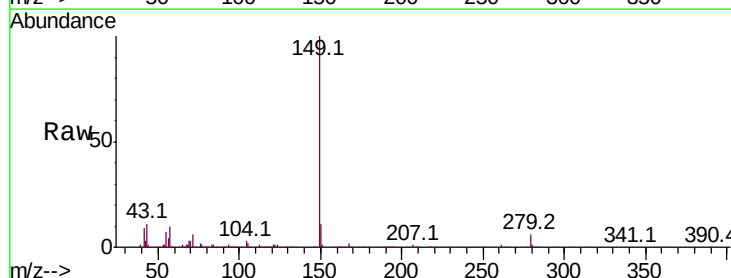
Tgt Ion:149 Resp: 1130750

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

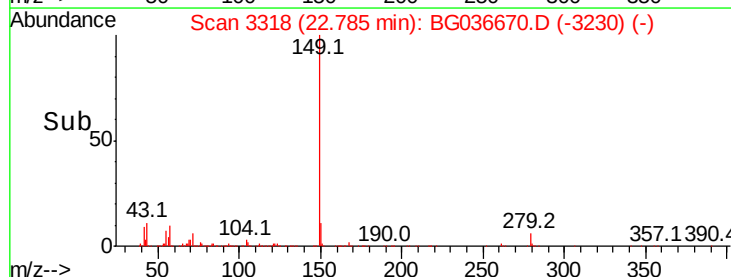
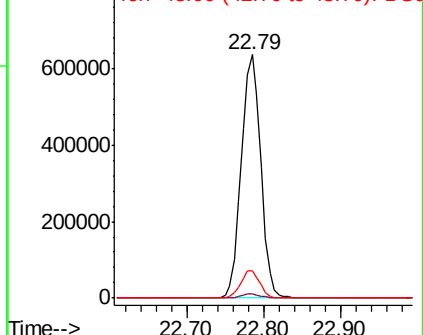
43 11.1 10.0 15.0

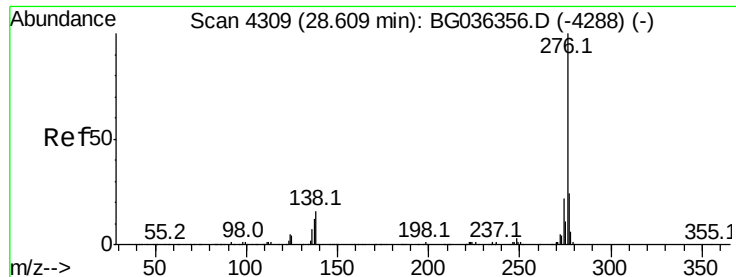


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



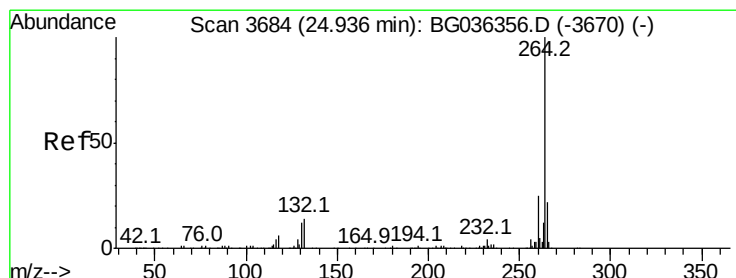
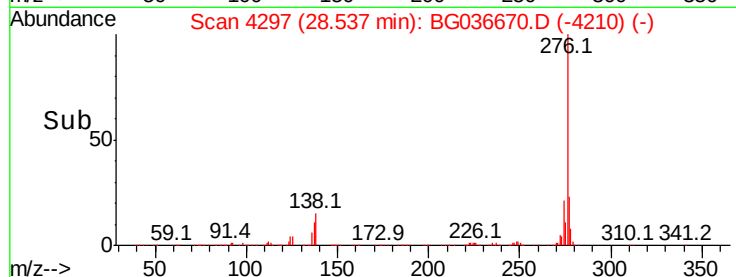
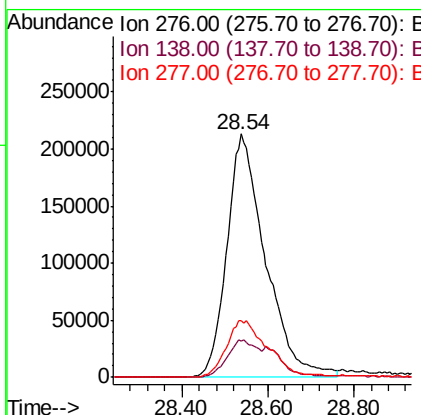
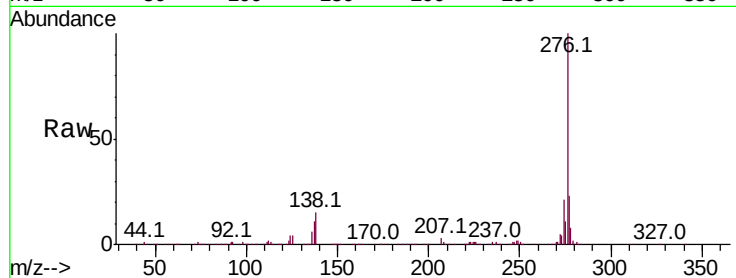


#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 47.442 ng  
 RT: 28.54 min Scan# 4297  
 Delta R.T. -0.02 min  
 Lab File: BG036670.D  
 Acq: 12 Sep 2018 00:01

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB112760BS

Tot Ion:276 Resp: 1327679  

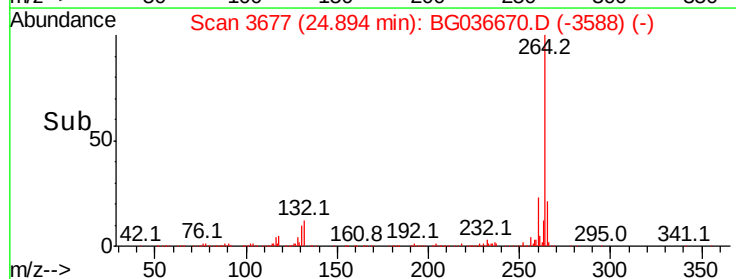
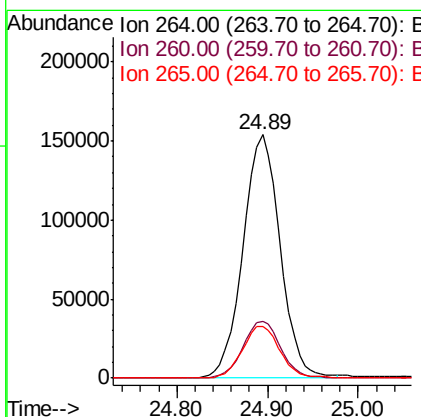
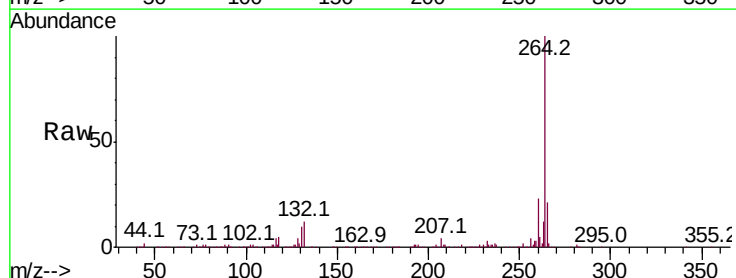
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 11.9  | 10.6  | 15.8  |
| 277 | 24.8  | 20.6  | 30.8  |

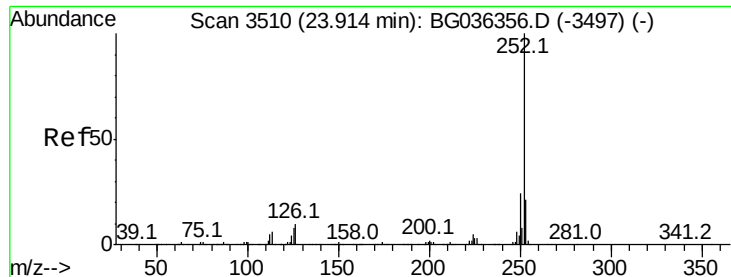


#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.89 min Scan# 3677  
 Delta R.T. -0.01 min  
 Lab File: BG036670.D  
 Acq: 12 Sep 2018 00:01

Tgt Ion:264 Resp: 438917  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.5  | 19.6  | 29.4  |
| 265 | 21.1  | 17.4  | 26.0  |

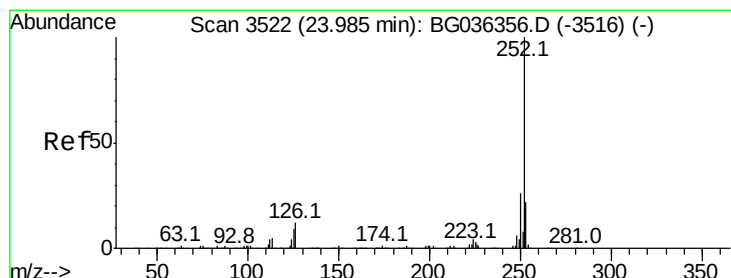
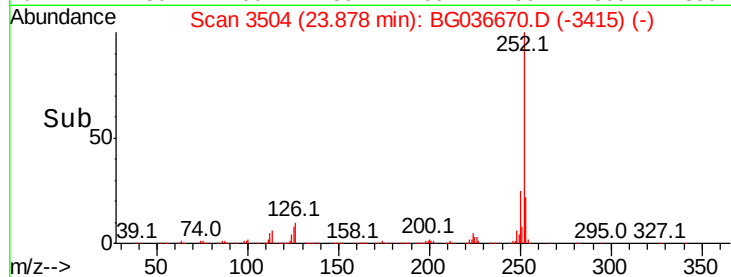
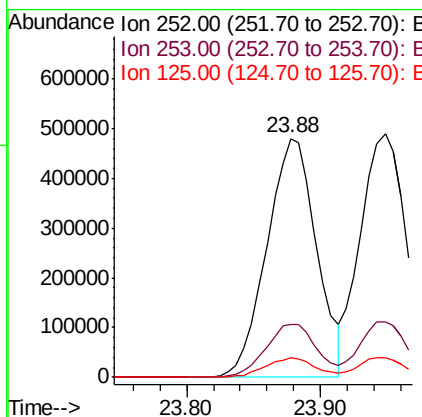
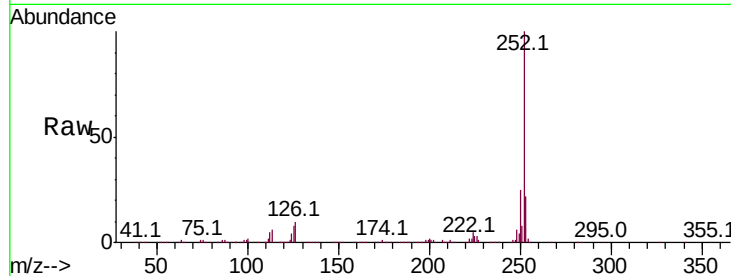




#87  
Benzo(b)fluoranthene  
Concen: 50.875 ng  
RT: 23.88 min Scan# 3504  
Delta R.T. -0.01 min  
Lab File: BG036670.D  
Acq: 12 Sep 2018 00:01

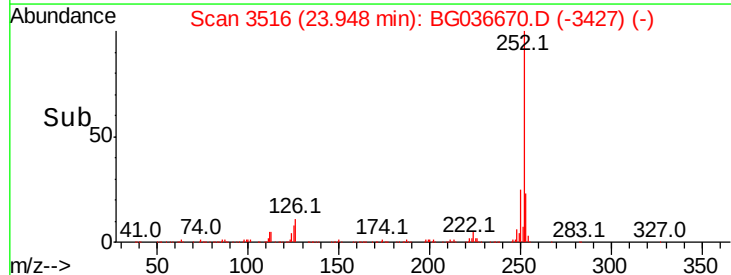
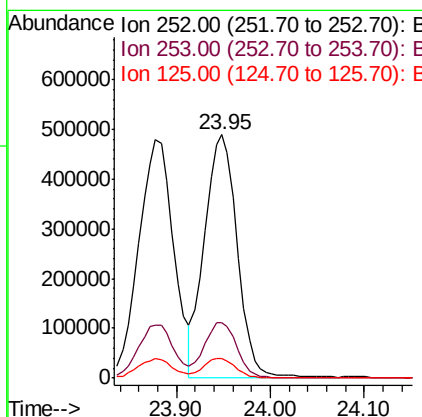
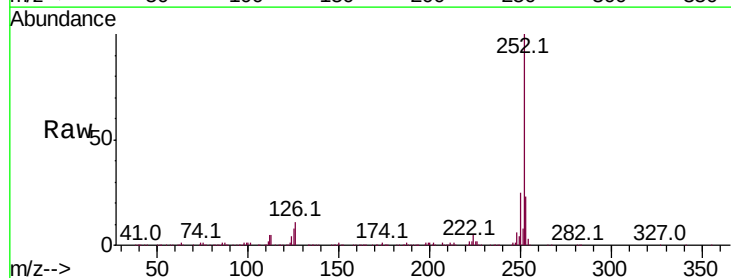
Instrument :  
BNA\_G  
ClientSampleId :  
PB112760BS

Tot Ion:252 Resp: 1239984  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.1 25.7  
125 8.4 6.6 10.0

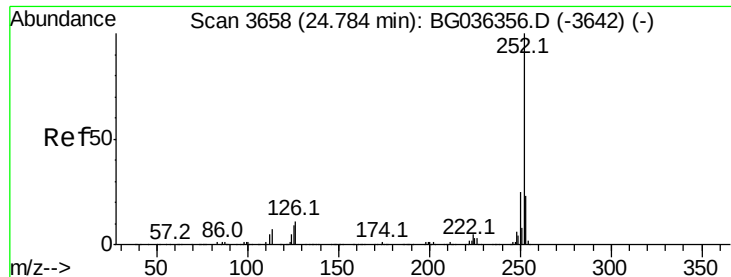


#88  
Benzo(k)fluoranthene  
Concen: 49.669 ng  
RT: 23.95 min Scan# 3516  
Delta R.T. -0.01 min  
Lab File: BG036670.D  
Acq: 12 Sep 2018 00:01

Tgt Ion:252 Resp: 1182684  
Ion Ratio Lower Upper  
252 100  
253 22.7 18.0 27.0  
125 8.2 7.0 10.6







#89

Benzo(a)pyrene

Concen: 50.798 ng

RT: 24.75 min Scan# 3652

Delta R.T. -0.01 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

Instrument :

BNA\_G

ClientSampled :

PB112760BS

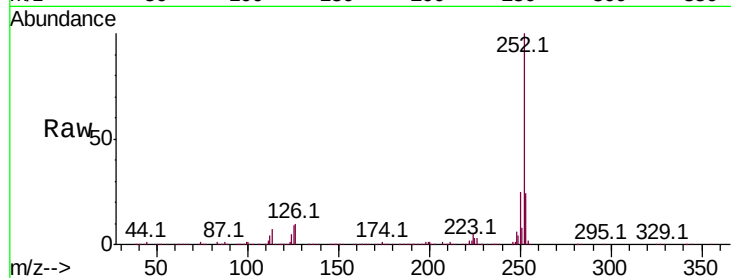
Tot Ion:252 Resp: 1189740

Ion Ratio Lower Upper

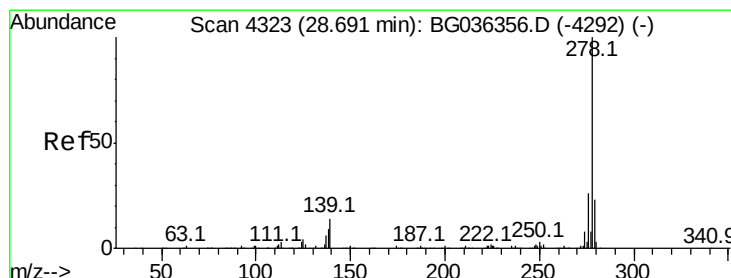
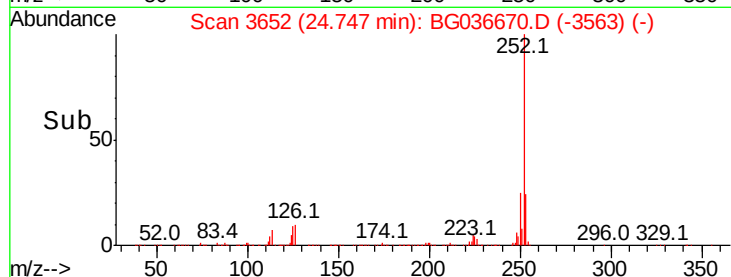
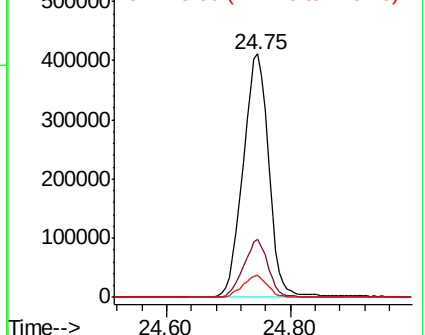
252 100

253 23.6 18.2 27.2

125 9.0 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.787 ng

RT: 28.61 min Scan# 4309

Delta R.T. -0.02 min

Lab File: BG036670.D

Acq: 12 Sep 2018 00:01

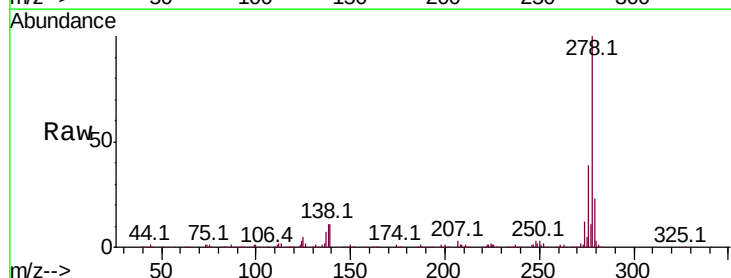
Tgt Ion:278 Resp: 1057883

Ion Ratio Lower Upper

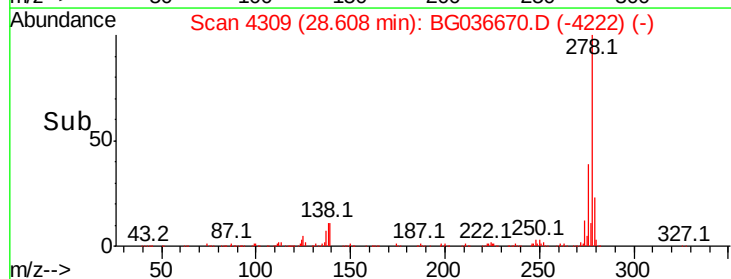
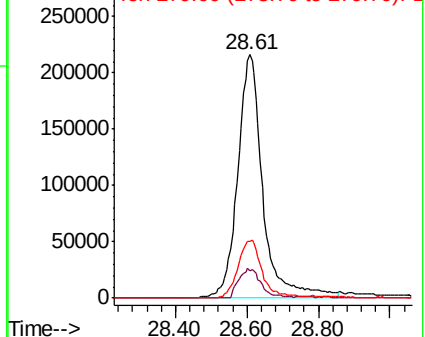
278 100

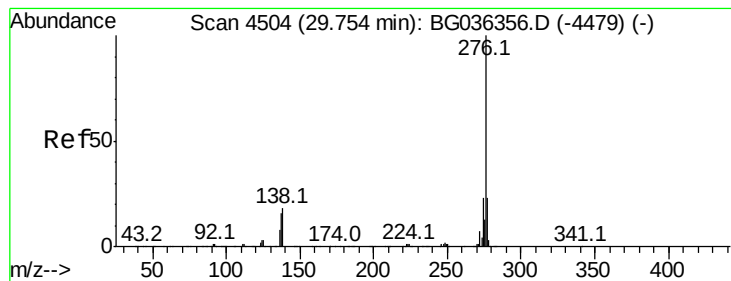
139 11.2 11.0 16.4

279 23.3 18.7 28.1



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





#91  
 Benzo(a,h,i)perylene  
 Concen: 47.791 ng  
 RT: 29.69 min Scan# 4493  
 Delta R.T. -0.01 min  
 Lab File: BG036670.D  
 Acq: 12 Sep 2018 00:01

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB112760BS

Tot Ion:276 Resp: 1085890  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.3  | 18.4  | 27.6  |
| 138 | 15.9  | 14.6  | 22.0  |

