

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\  
 Data File : BG036517.D  
 Acq On : 31 Aug 2018 23:02  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Sep 01 01:03:50 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 | 8.06  | 152  | 61083    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.87 | 136  | 274820   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.69 | 164  | 180568   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.43 | 188  | 466321   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.69 | 240  | 474400   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.90 | 264  | 503220   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.63  | 112 | 312051  | 81.04 | ng | 0.00 |
| 7) Phenol-d6             | 7.21  | 99  | 447344  | 81.14 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.22  | 82  | 430978  | 85.09 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.17 | 330 | 189945  | 88.16 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.31 | 172 | 988580  | 78.17 | ng | 0.00 |
| 78) Terphenyl-d14        | 20.03 | 244 | 1588947 | 78.29 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.54  | 88  | 68399  | 38.062 | ng | 96     |
| 3) Pyridine                    | 3.93  | 79  | 203982 | 40.438 | ng | 93     |
| 4) n-Nitrosodimethylamine      | 3.85  | 42  | 82683  | 36.802 | ng | 87     |
| 6) Aniline                     | 7.38  | 93  | 269489 | 38.509 | ng | 98     |
| 8) 2-Chlorophenol              | 7.62  | 128 | 163257 | 39.096 | ng | 97     |
| 9) Benzaldehyde                | 7.20  | 77  | 140619 | 37.039 | ng | 98     |
| 10) Phenol                     | 7.24  | 94  | 232181 | 40.243 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.48  | 93  | 174753 | 38.206 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 7.95  | 146 | 187616 | 39.347 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 8.09  | 146 | 190922 | 39.659 | ng | 100    |
| 14) 1,2-Dichlorobenzene        | 8.41  | 146 | 179786 | 39.105 | ng | 99     |
| 15) Benzyl Alcohol             | 8.29  | 79  | 172542 | 38.822 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.59  | 45  | 318726 | 34.553 | ng | 96     |
| 17) 2-Methylphenol             | 8.49  | 107 | 150950 | 39.403 | ng | 97     |
| 18) Hexachloroethane           | 9.15  | 117 | 67496  | 39.105 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 8.86  | 70  | 150376 | 36.496 | ng | 95     |
| 20) 3+4-Methylphenols          | 8.82  | 107 | 213510 | 39.919 | ng | 98     |
| 22) Acetophenone               | 8.88  | 105 | 265700 | 36.818 | ng | 98     |
| 24) Nitrobenzene               | 9.26  | 77  | 215620 | 39.477 | ng | 96     |
| 25) Isophorone                 | 9.79  | 82  | 363676 | 36.143 | ng | 96     |
| 26) 2-Nitrophenol              | 9.97  | 139 | 96638  | 44.649 | ng | 92     |
| 27) 2,4-Dimethylphenol         | 10.03 | 122 | 149240 | 37.244 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.27 | 93  | 228557 | 37.011 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.51 | 162 | 185752 | 42.297 | ng | 93     |
| 30) 1,2,4-Trichlorobenzene     | 10.73 | 180 | 201872 | 39.294 | ng | 98     |
| 31) Naphthalene                | 10.92 | 128 | 517036 | 37.635 | ng | 99     |
| 32) Benzoic acid               | 10.15 | 122 | 107332 | 37.236 | ng | 97     |
| 33) 4-Chloroaniline            | 11.02 | 127 | 242898 | 38.584 | ng | 99     |
| 34) Hexachlorobutadiene        | 11.20 | 225 | 140516 | 40.709 | ng | 97     |
| 35) Caprolactam                | 11.79 | 113 | 67899  | 38.812 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 12.13 | 107 | 204376 | 40.052 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.52 | 142 | 387962 | 38.595 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.88 | 216 | 246878 | 38.635 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 12.87 | 237 | 132263 | 39.781 | ng | 100    |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\  
 Data File : BG036517.D  
 Acq On : 31 Aug 2018 23:02  
 Operator : JU/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

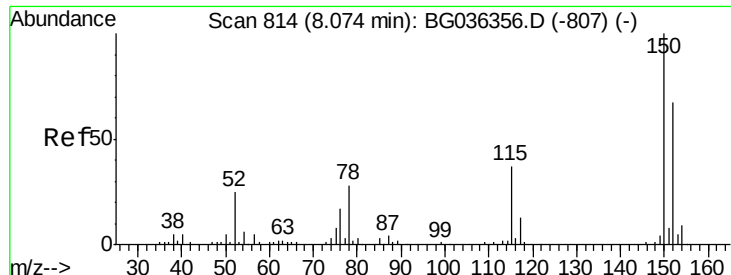
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Sep 01 01:03:50 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) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.12 | 196  | 160897   | 41.335 | ng    | 96       |
| 43) 2,4,5-Trichlorophenol      | 13.18 | 196  | 173461   | 41.780 | ng    | 99       |
| 45) 1,1'-Biphenyl              | 13.52 | 154  | 551105   | 36.768 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 13.56 | 162  | 432575   | 37.804 | ng    | 97       |
| 47) 2-Nitroaniline             | 13.76 | 65   | 150169   | 41.793 | ng    | 99       |
| 48) Acenaphthylene             | 14.41 | 152  | 665547   | 37.217 | ng    | 99       |
| 49) Dimethylphthalate          | 14.14 | 163  | 560001   | 37.981 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.25 | 165  | 122416   | 40.348 | ng    | 98       |
| 51) Acenaphthene               | 14.75 | 154  | 428273   | 37.394 | ng    | 98       |
| 52) 3-Nitroaniline             | 14.58 | 138  | 142212   | 43.496 | ng    | 97       |
| 53) 2,4-Dinitrophenol          | 14.79 | 184  | 42516    | 36.996 | ng    | 98       |
| 54) Dibenzofuran               | 15.08 | 168  | 679562   | 37.874 | ng    | 100      |
| 55) 4-Nitrophenol              | 14.88 | 139  | 104606   | 39.131 | ng    | 94       |
| 56) 2,4-Dinitrotoluene         | 15.04 | 165  | 178458   | 45.131 | ng    | 90       |
| 57) Fluorene                   | 15.73 | 166  | 509804   | 38.007 | ng    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.30 | 232  | 166228   | 42.614 | ng    | # 95     |
| 59) Diethylphthalate           | 15.50 | 149  | 557990   | 37.552 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.72 | 204  | 323117   | 39.011 | ng    | 99       |
| 61) 4-Nitroaniline             | 15.74 | 138  | 146396   | 42.789 | ng    | 94       |
| 62) Azobenzene                 | 16.01 | 77   | 537102   | 35.525 | ng    | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 15.80 | 198  | 92372    | 45.093 | ng    | 92       |
| 65) n-Nitrosodiphenylamine     | 15.94 | 169  | 510977   | 36.878 | ng    | 97       |
| 66) 4-Bromophenyl-phenylether  | 16.61 | 248  | 214155   | 39.225 | ng    | 99       |
| 67) Hexachlorobenzene          | 16.73 | 284  | 214601   | 38.440 | ng    | 97       |
| 68) Atrazine                   | 16.88 | 200  | 182265   | 35.045 | ng    | 98       |
| 69) Pentachlorophenol          | 17.07 | 266  | 154741   | 40.783 | ng    | 98       |
| 70) Phenanthrene               | 17.47 | 178  | 888802   | 37.510 | ng    | 99       |
| 71) Anthracene                 | 17.56 | 178  | 879593   | 37.240 | ng    | 99       |
| 72) Carbazole                  | 17.82 | 167  | 874419   | 37.069 | ng    | 99       |
| 73) Di-n-butylphthalate        | 18.39 | 149  | 964130   | 36.704 | ng    | 100      |
| 74) Fluoranthene               | 19.48 | 202  | 1087820  | 37.655 | ng    | 99       |
| 76) Benzidine                  | 19.65 | 184  | 514758   | 34.010 | ng    | 99       |
| 77) Pyrene                     | 19.83 | 202  | 1106551  | 37.931 | ng    | 99       |
| 79) Butylbenzylphthalate       | 20.72 | 149  | 439911   | 37.891 | ng    | 96       |
| 80) Benzo(a)anthracene         | 21.67 | 228  | 1083328  | 37.694 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.59 | 252  | 435401   | 38.013 | ng    | 99       |
| 82) Chrysene                   | 21.74 | 228  | 1028009  | 37.737 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.58 | 149  | 604815   | 37.228 | ng    | 99       |
| 84) Di-n-octyl phthalate       | 22.80 | 149  | 1022069  | 37.664 | ng    | 96       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.55 | 276  | 1171960  | 37.040 | ng    | 99       |
| 87) Benzo(b)fluoranthene       | 23.89 | 252  | 1052658  | 37.670 | ng    | 98       |
| 88) Benzo(k)fluoranthene       | 23.95 | 252  | 1058023  | 38.756 | ng    | 98       |
| 89) Benzo(a)pyrene             | 24.75 | 252  | 1037309  | 38.630 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 28.62 | 278  | 942501   | 36.358 | ng    | 97       |
| 91) Benzo(g,h,i)perylene       | 29.69 | 276  | 971283   | 37.285 | ng    | 96       |

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

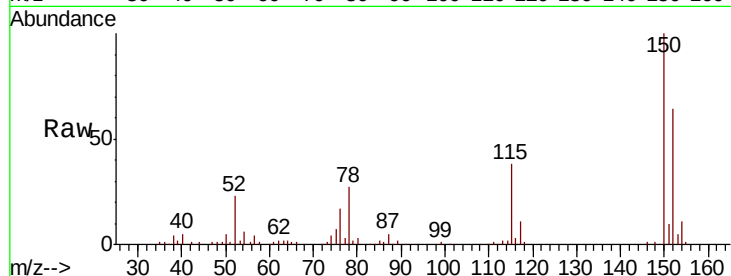




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.06 min Scan# 812  
 Delta R.T. -0.00 min  
 Lab File: BG036517.D  
 Acq: 31 Aug 2018 23:02

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.1 | 119.5 | 179.3 |
| 115     | 58.9  | 44.5  | 66.7  |

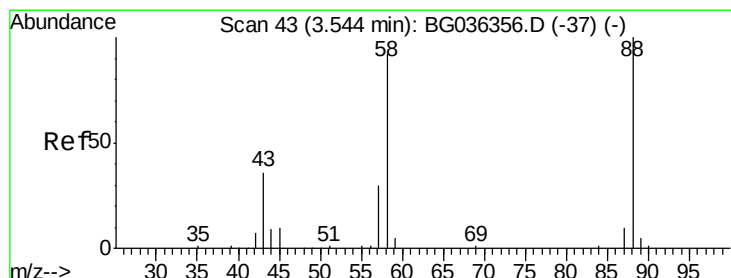
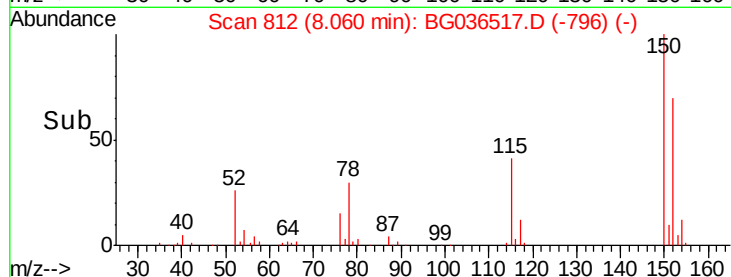
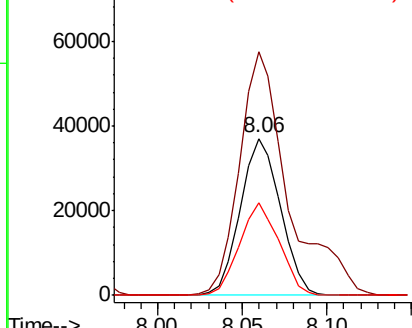


Abundance

Ion 152.00 (151.70 to 152.70): E

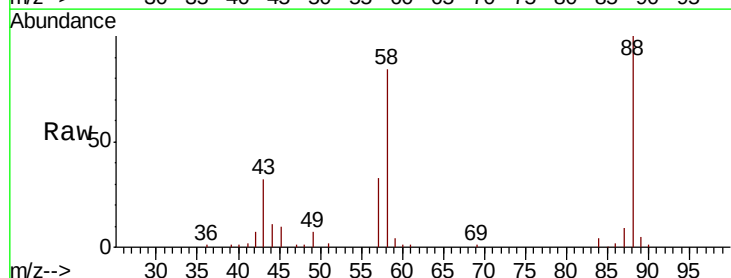
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2  
 1,4-Dioxane  
 Concen: 38.062 ng  
 RT: 3.54 min Scan# 43  
 Delta R.T. 0.00 min  
 Lab File: BG036517.D  
 Acq: 31 Aug 2018 23:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 88.7  | 72.6  | 109.0 |
| 43      | 32.2  | 29.0  | 43.4  |

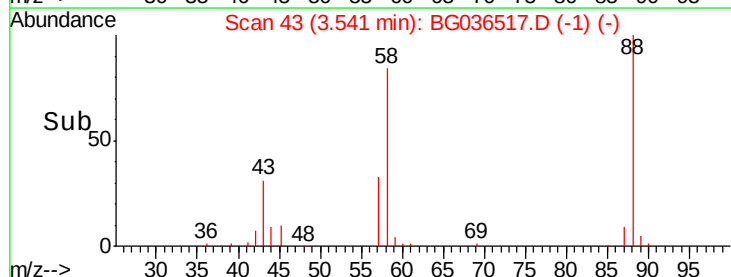
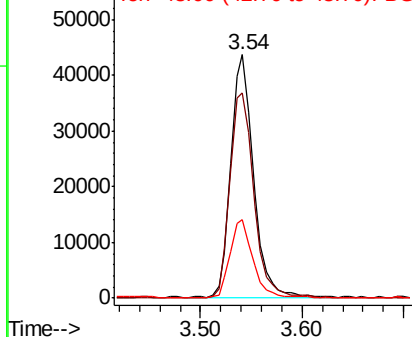


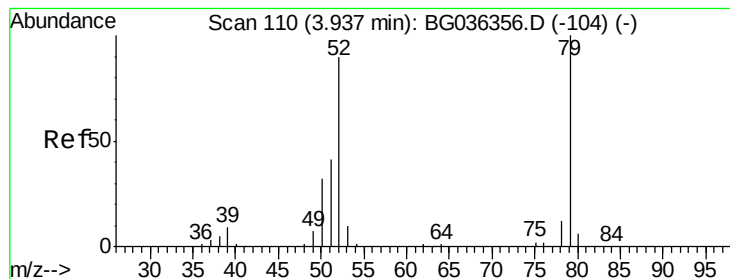
Abundance

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: 40.438 ng

RT: 3.93 min Scan# 110

Delta R.T. 0.00 min

Lab File: BG036517.D

Acq: 31 Aug 2018 23:02

Instrument :

BNA\_G

ClientSampled :

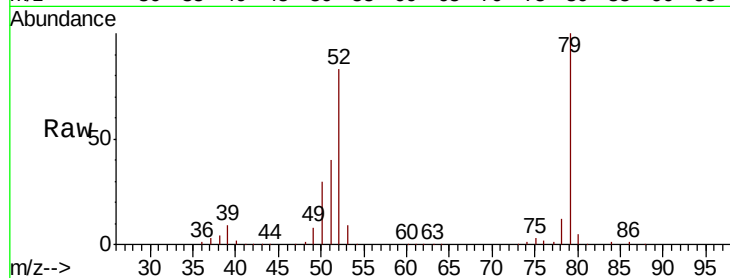
Tot Ion: 79 Resp: 203982

Ion Ratio Lower Upper

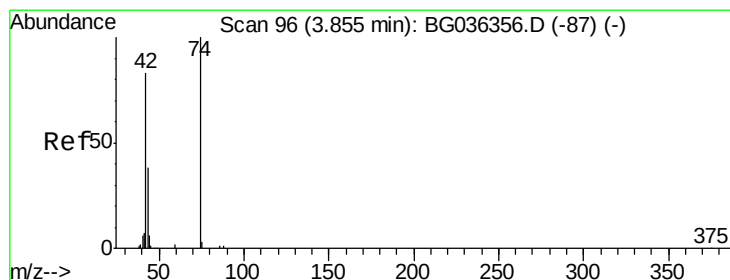
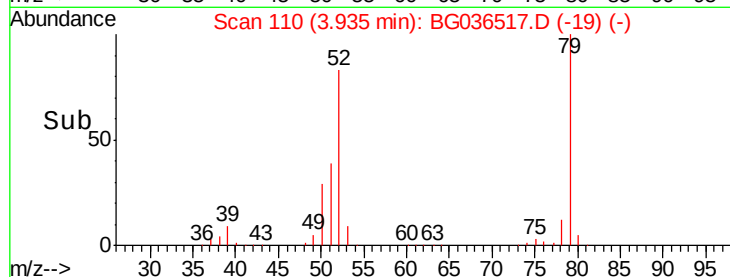
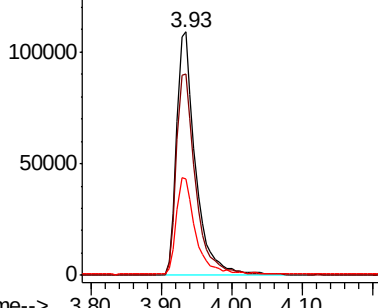
79 100

52 82.8 72.3 108.5

51 39.8 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: 36.802 ng

RT: 3.85 min Scan# 95

Delta R.T. 0.00 min

Lab File: BG036517.D

Acq: 31 Aug 2018 23:02

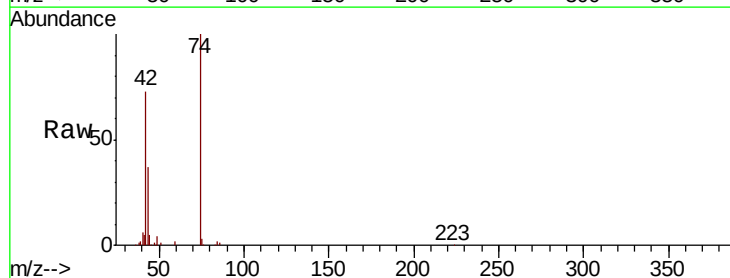
Tgt Ion: 42 Resp: 82683

Ion Ratio Lower Upper

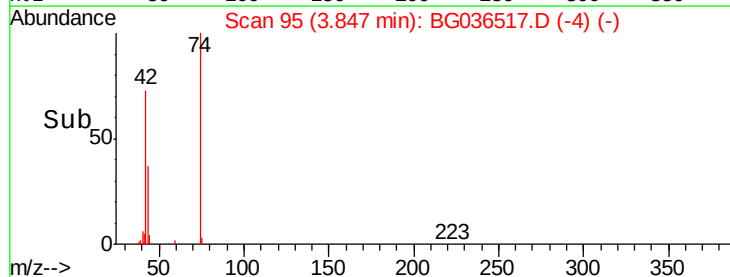
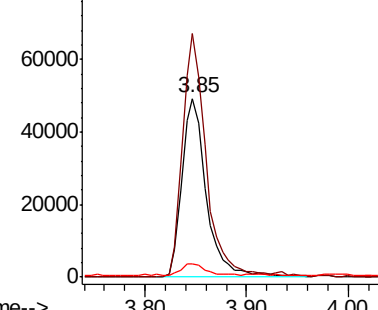
42 100

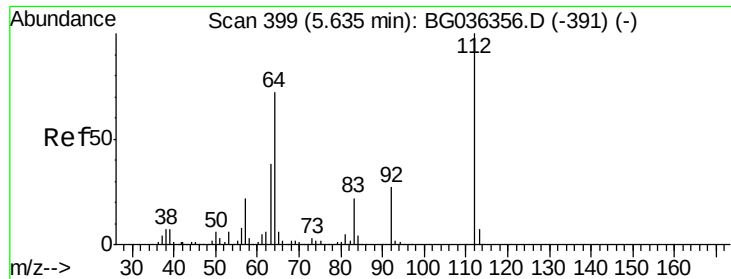
74 136.3 96.6 145.0

44 7.4 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: 81.038 ng

RT: 5.63 min Scan# 398

Delta R.T. 0.00 min

Lab File: BG036517.D

Acq: 31 Aug 2018 23:02

Instrument :

BNA\_G

ClientSampleId :

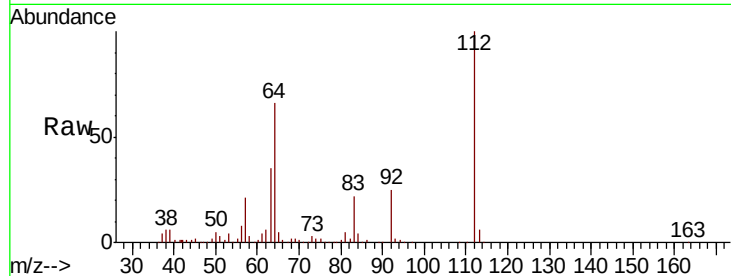
Tot Ion:112 Resp: 312051

Ion Ratio Lower Upper

112 100

64 66.0 57.2 85.8

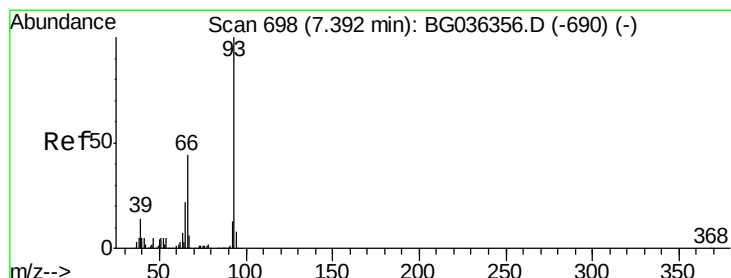
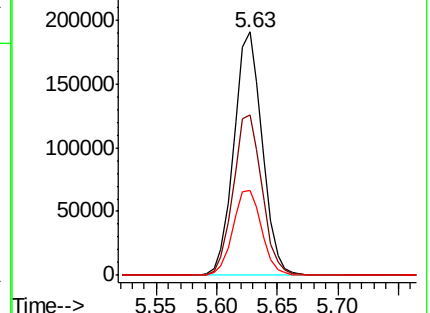
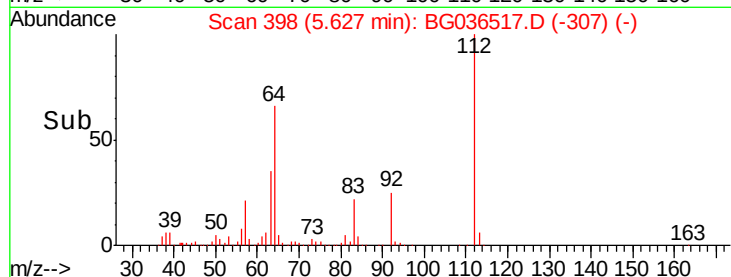
63 35.1 30.8 46.2



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: 38.509 ng

RT: 7.38 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG036517.D

Acq: 31 Aug 2018 23:02

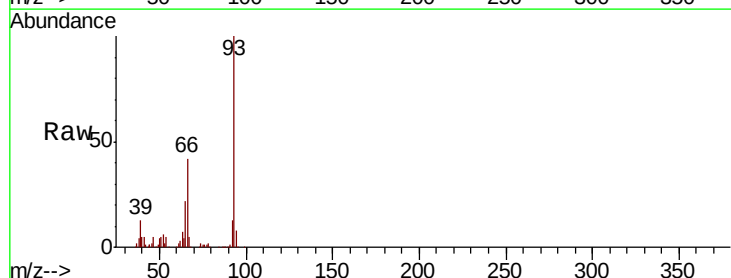
Tgt Ion: 93 Resp: 269489

Ion Ratio Lower Upper

93 100

66 41.9 35.0 52.4

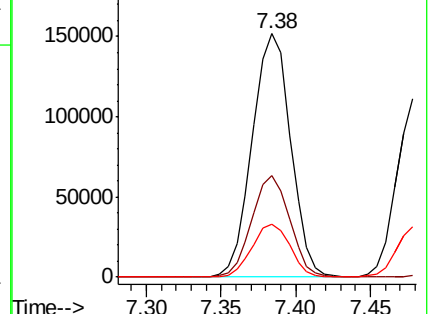
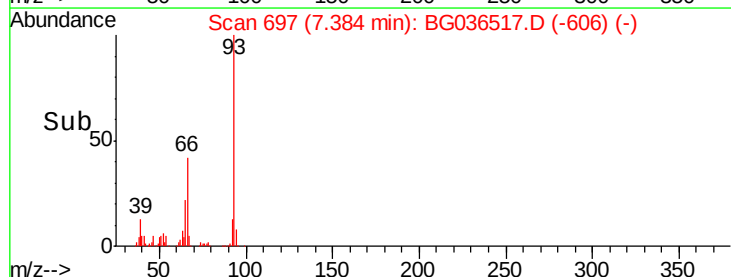
65 21.9 17.6 26.4

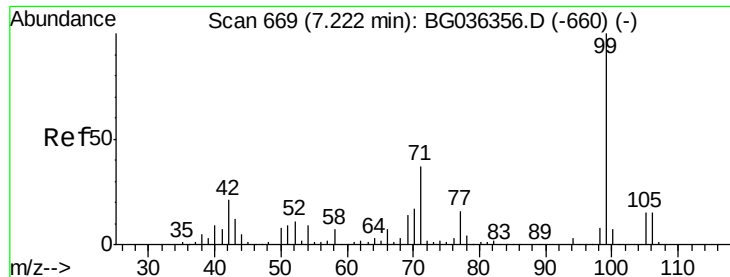


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 81.140 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036517.D

Acq: 31 Aug 2018 23:02

Instrument :

BNA\_G

ClientSampleId :

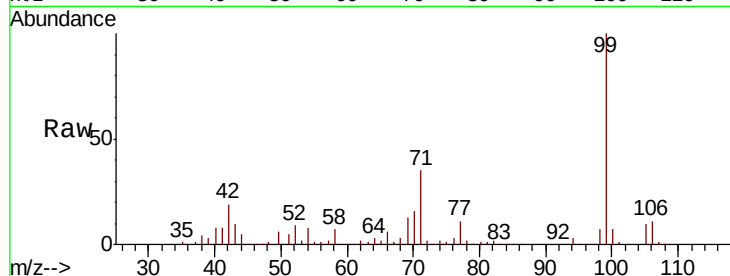
Tot Ion: 99 Resp: 447344

Ion Ratio Lower Upper

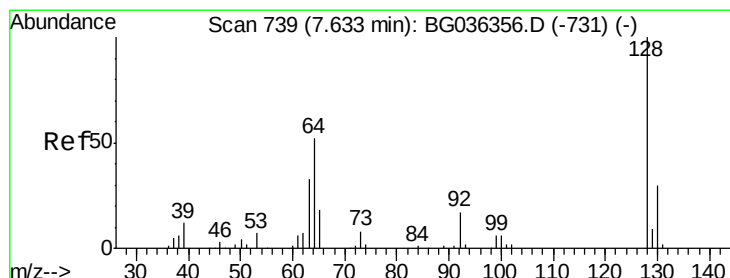
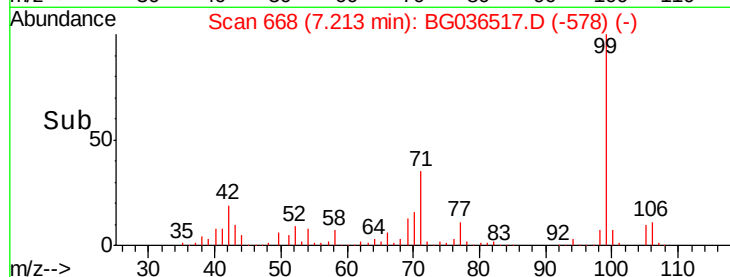
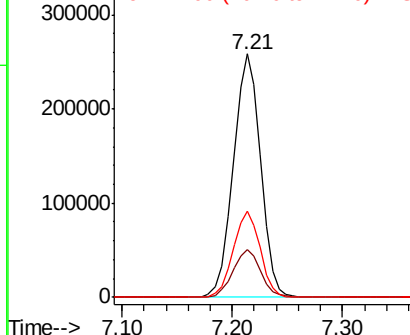
99 100

42 19.4 16.5 24.7

71 35.4 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: 39.096 ng

RT: 7.62 min Scan# 738

Delta R.T. 0.00 min

Lab File: BG036517.D

Acq: 31 Aug 2018 23:02

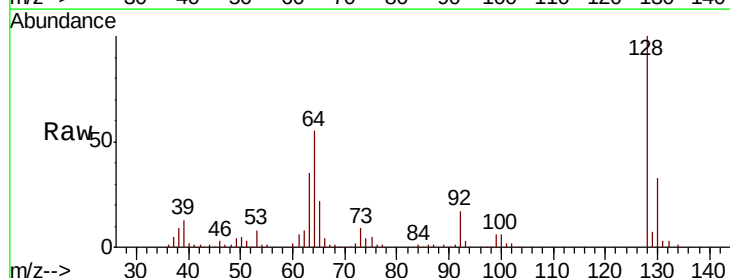
Tgt Ion: 128 Resp: 163257

Ion Ratio Lower Upper

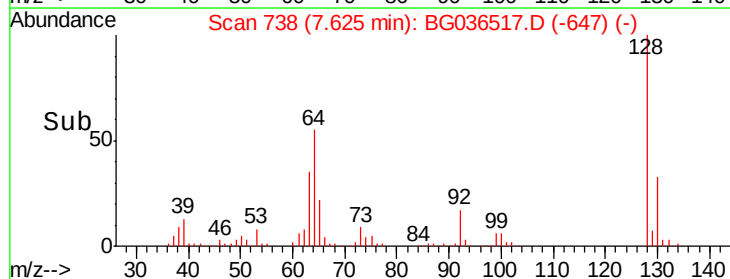
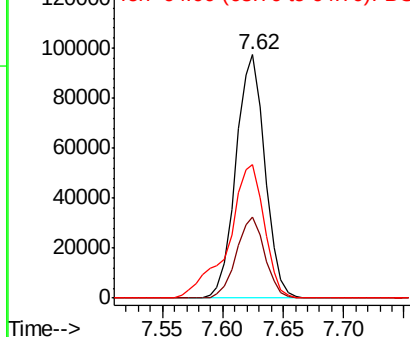
128 100

130 33.3 10.0 50.0

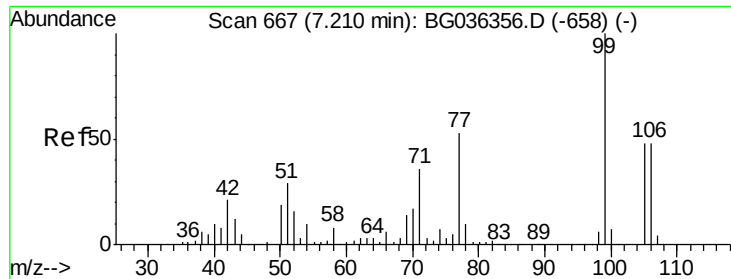
64 55.0 36.0 76.0



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







#9

Benzaldehyde

Concen: 37.039 ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BG036517.D

Acq: 31 Aug 2018 23:02

Instrument :

BNA\_G

ClientSampled :

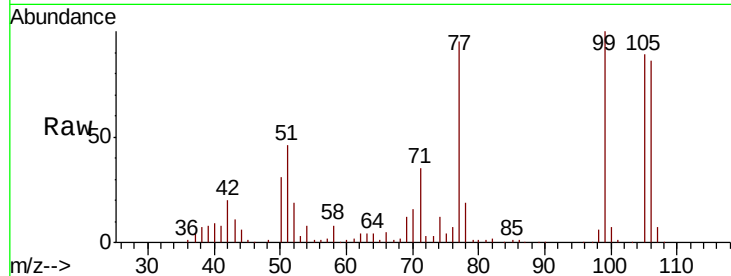
Tot Ion: 77 Resp: 140619

Ion Ratio Lower Upper

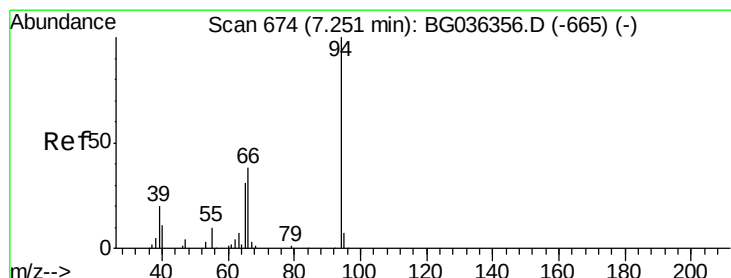
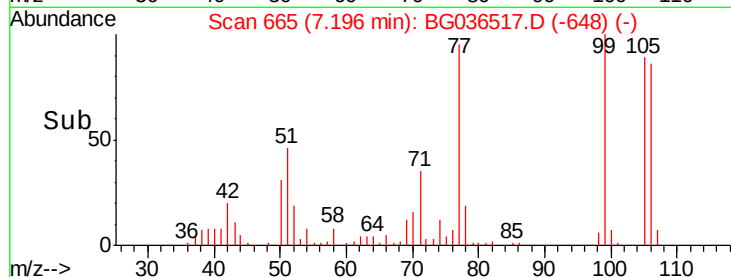
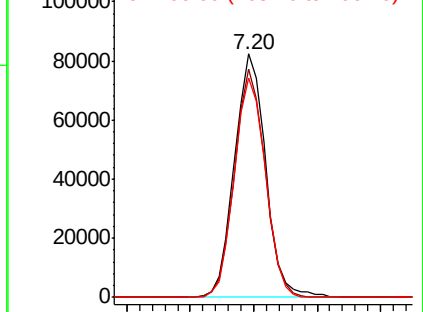
77 100

105 93.8 70.5 110.5

106 90.0 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: 40.243 ng

RT: 7.24 min Scan# 673

Delta R.T. 0.00 min

Lab File: BG036517.D

Acq: 31 Aug 2018 23:02

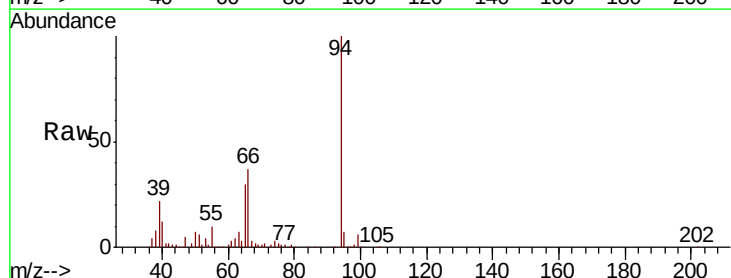
Tgt Ion: 94 Resp: 232181

Ion Ratio Lower Upper

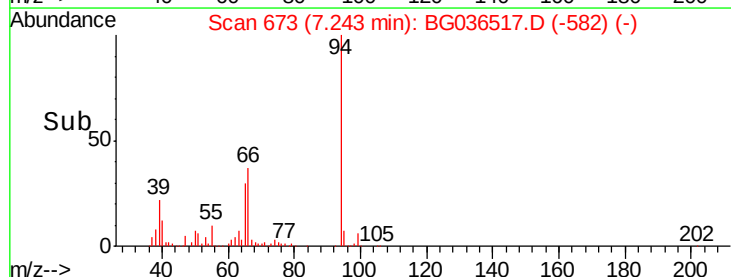
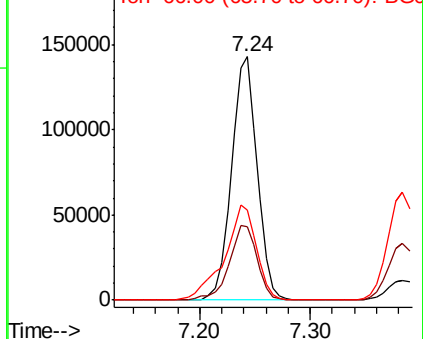
94 100

65 30.1 11.5 51.5

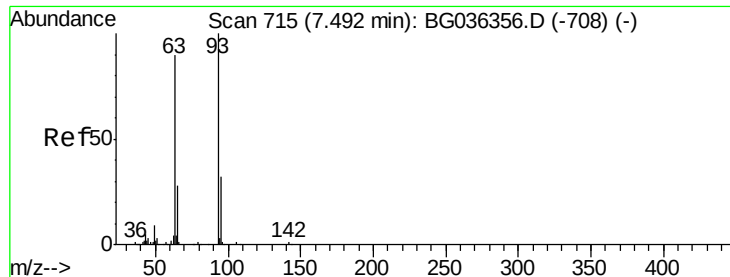
66 37.0 19.5 59.5



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



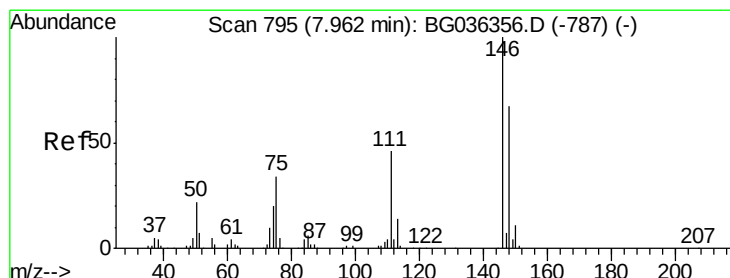
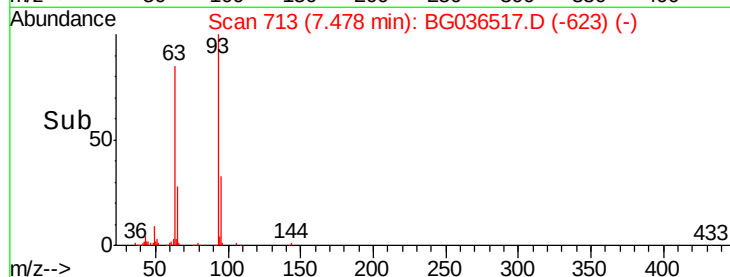
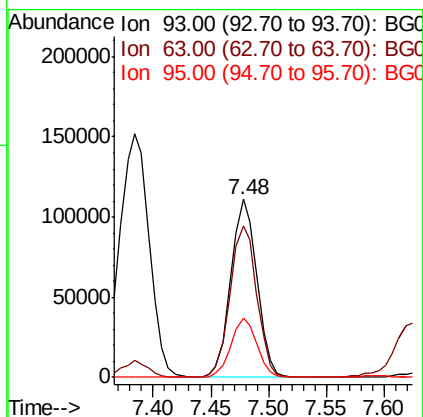
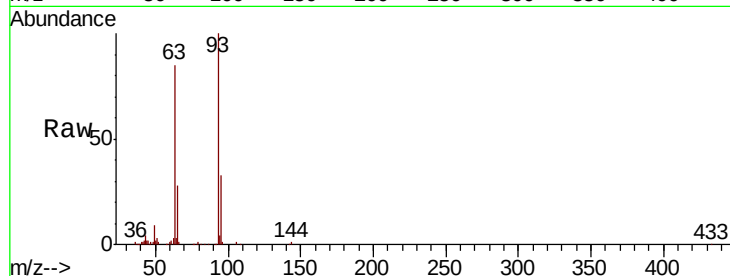




#11  
bis(2-Chloroethyl)ether  
Concen: 38.206 ng  
RT: 7.48 min Scan# 713  
Delta R.T. -0.00 min  
Lab File: BG036517.D  
Acq: 31 Aug 2018 23:02

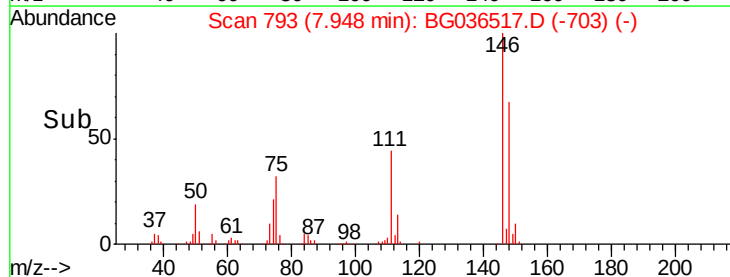
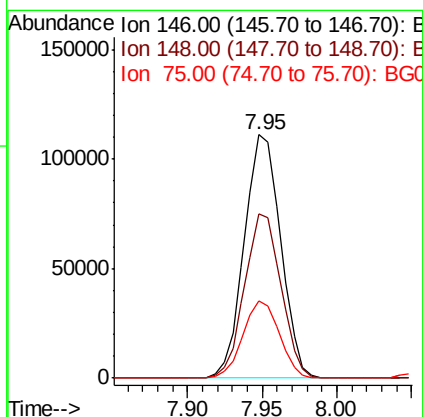
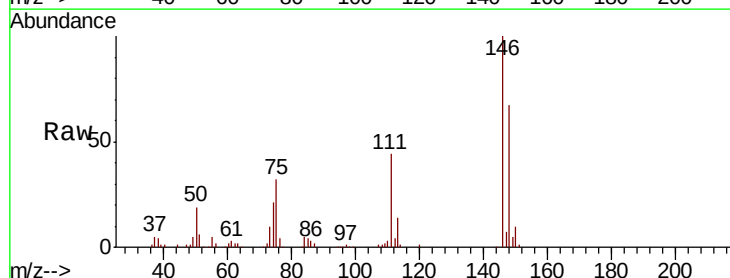
Instrument :  
BNA\_G  
ClientSampleId :

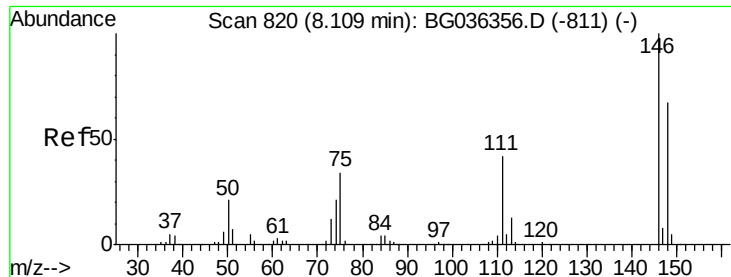
Tot Ion: 93 Resp: 174753  
Ion Ratio Lower Upper  
93 100  
63 84.9 69.9 109.9  
95 33.2 11.7 51.7



#12  
1,3-Dichlorobenzene  
Concen: 39.347 ng  
RT: 7.95 min Scan# 793  
Delta R.T. -0.00 min  
Lab File: BG036517.D  
Acq: 31 Aug 2018 23:02

Tgt Ion: 146 Resp: 187616  
Ion Ratio Lower Upper  
146 100  
148 67.4 53.8 80.6  
75 31.9 27.2 40.8

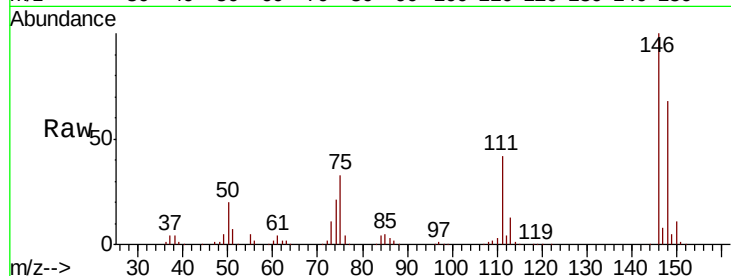




#13  
 1,4-Dichlorobenzene  
 Concen: 39.659 ng  
 RT: 8.09 min Scan# 818  
 Delta R.T. -0.00 min  
 Lab File: BG036517.D  
 Acq: 31 Aug 2018 23:02

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 67.9  | 53.9  | 80.9  |
| 111     | 42.2  | 33.8  | 50.6  |

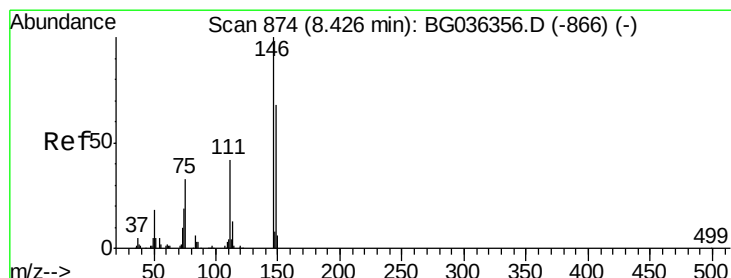
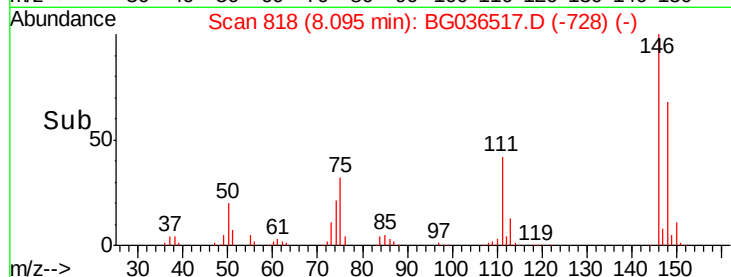
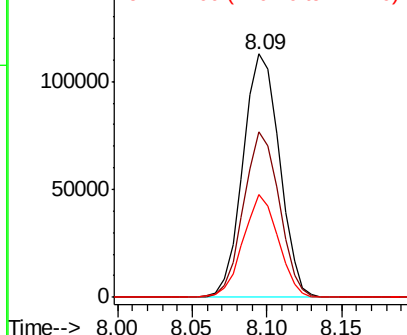


Abundance

Ion 146.00 (145.70 to 146.70): E

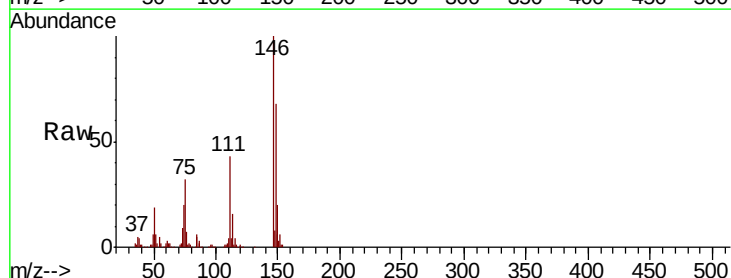
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14  
 1,2-Dichlorobenzene  
 Concen: 39.105 ng  
 RT: 8.41 min Scan# 872  
 Delta R.T. -0.00 min  
 Lab File: BG036517.D  
 Acq: 31 Aug 2018 23:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 67.8  | 55.0  | 82.6  |
| 111     | 43.2  | 34.6  | 51.8  |

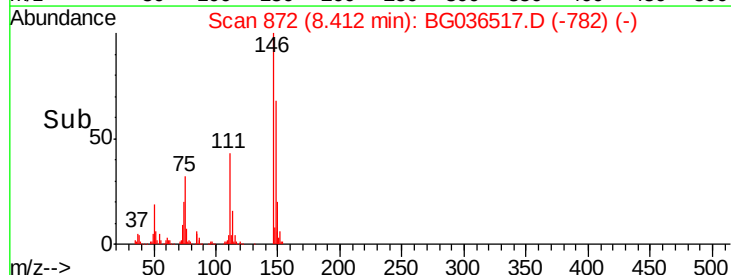
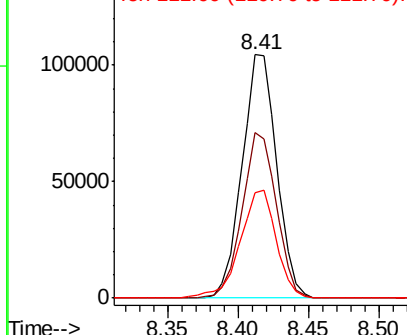


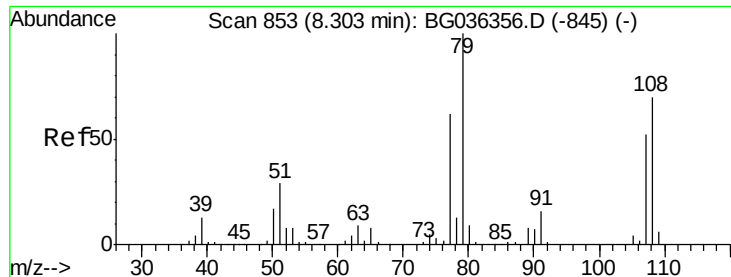
Abundance

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: 38.822 ng

RT: 8.29 min Scan# 852

Delta R.T. 0.00 min

Lab File: BG036517.D

Acq: 31 Aug 2018 23:02

Instrument :

BNA\_G

ClientSampled :

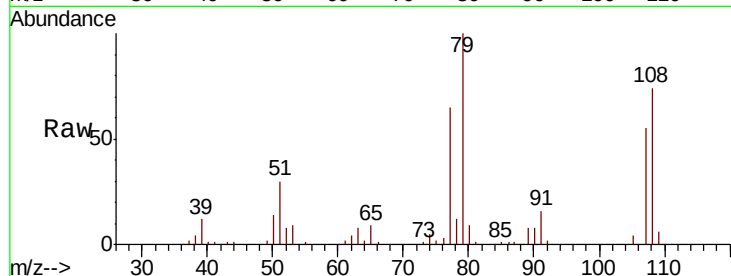
Tot Ion: 79 Resp: 172542

Ion Ratio Lower Upper

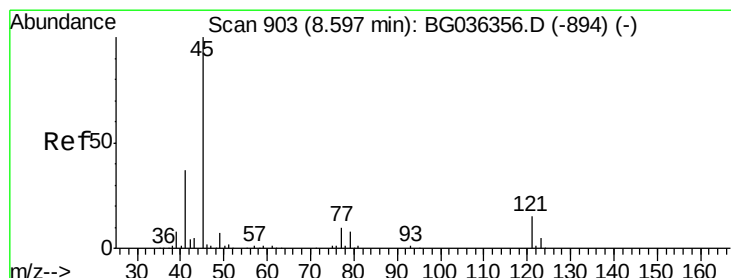
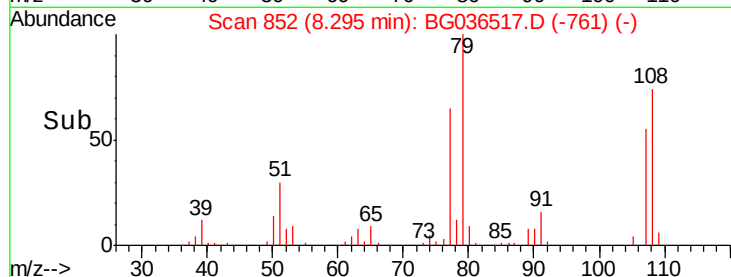
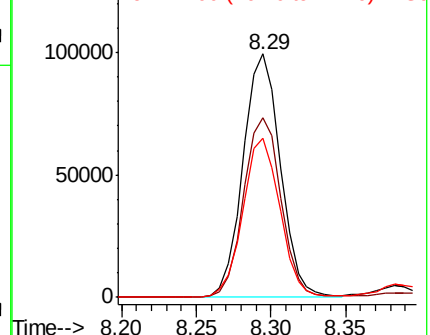
79 100

108 73.9 55.9 83.9

77 65.3 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: 34.553 ng

RT: 8.59 min Scan# 902

Delta R.T. 0.00 min

Lab File: BG036517.D

Acq: 31 Aug 2018 23:02

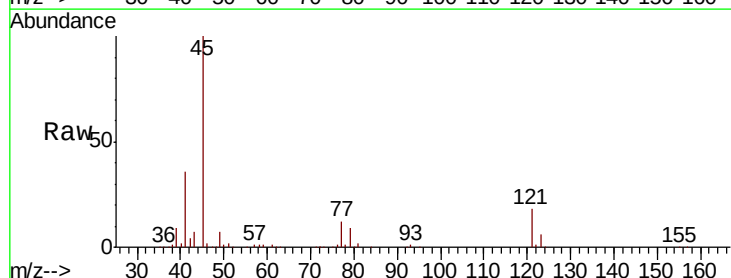
Tgt Ion: 45 Resp: 318726

Ion Ratio Lower Upper

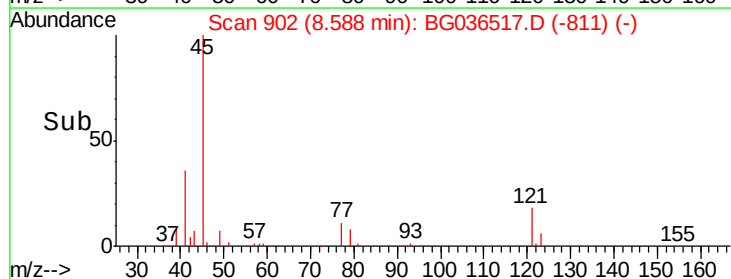
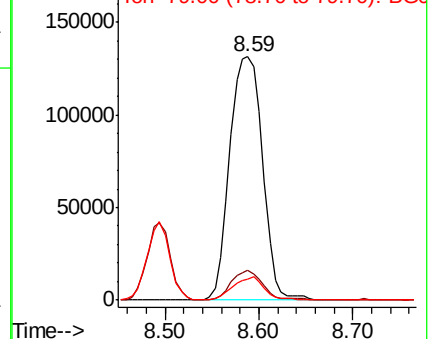
45 100

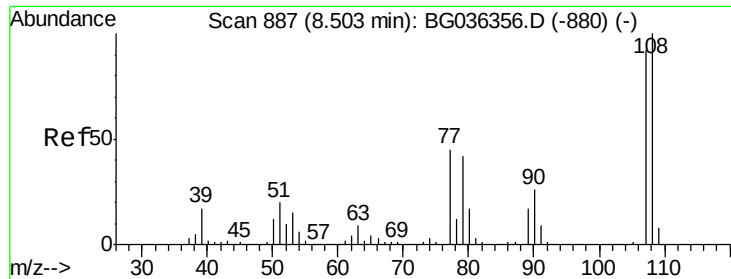
77 12.4 0.0 30.5

79 8.7 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

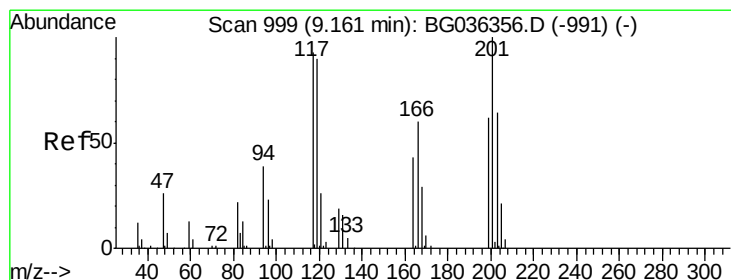
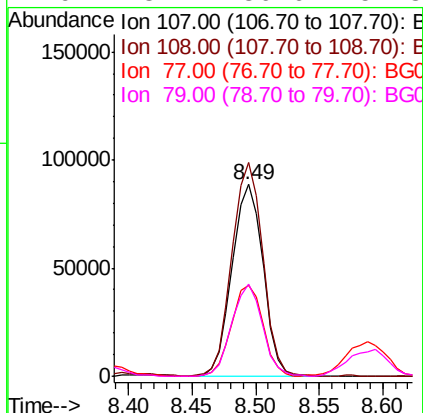
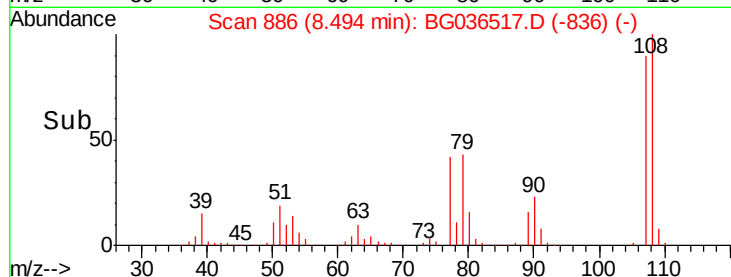
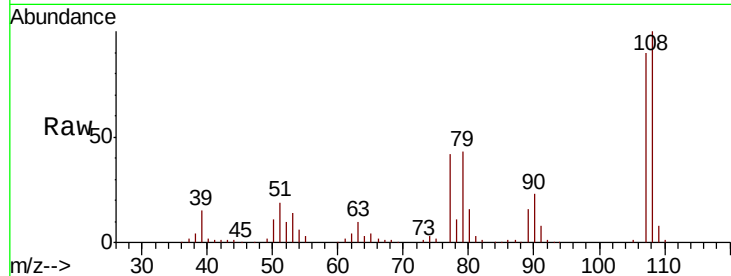




#17  
2-Methylphenol  
Concen: 39.403 ng  
RT: 8.49 min Scan# 886  
Delta R.T. -0.00 min  
Lab File: BG036517.D  
Acq: 31 Aug 2018 23:02

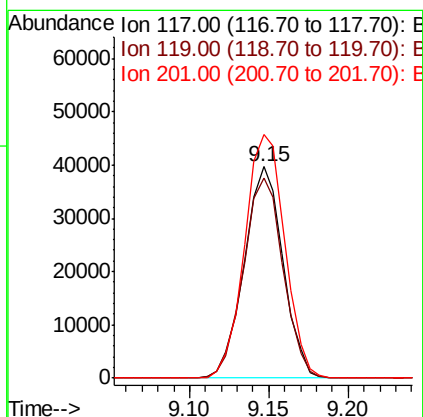
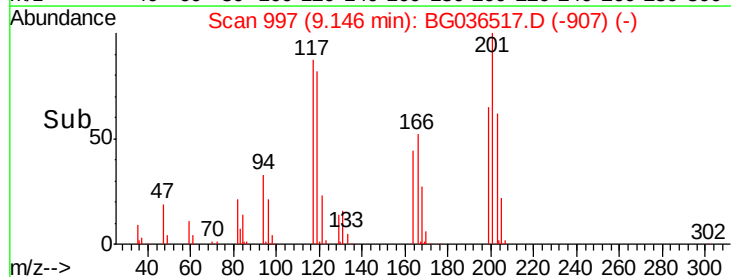
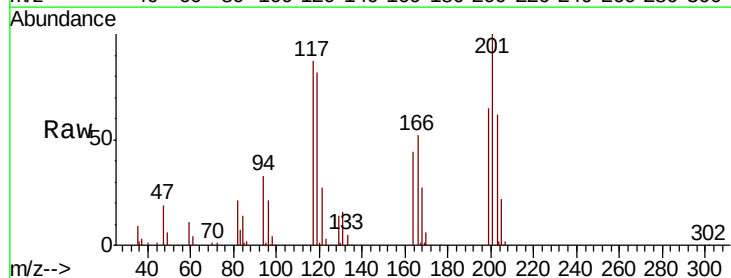
Instrument :  
BNA\_G  
ClientSampled :

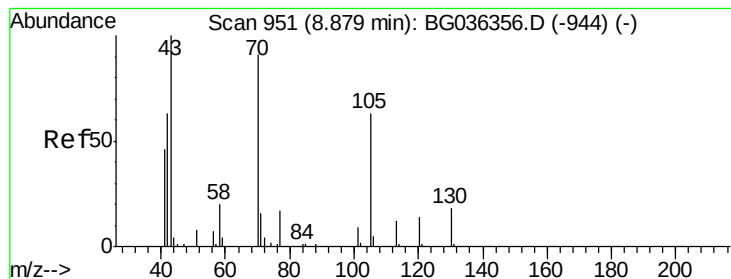
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 150950 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 111.3 | 86.7  | 130.1  |
| 77       | 47.1  | 39.0  | 58.4   |
| 79       | 48.1  | 36.6  | 54.8   |



#18  
Hexachloroethane  
Concen: 39.105 ng  
RT: 9.15 min Scan# 997  
Delta R.T. -0.00 min  
Lab File: BG036517.D  
Acq: 31 Aug 2018 23:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 67496 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 94.7  | 76.8  | 115.2 |
| 201      | 115.3 | 85.7  | 128.5 |





#19

n-Nitroso-di-n-propylamine

Concen: 36.496 ng

RT: 8.86 min Scan# 949

Delta R.T. 0.00 min

Lab File: BG036517.D

Acq: 31 Aug 2018 23:02

Instrument :

BNA\_G

ClientSampled :

Tot Ion: 70 Resp: 150376

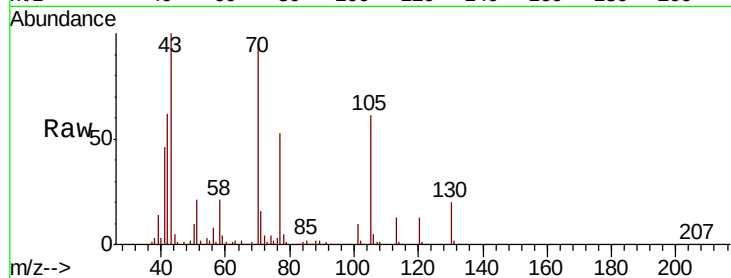
Ion Ratio Lower Upper

70 100

42 65.0 56.2 84.4

101 10.5 7.8 11.6

130 21.3 16.2 24.2

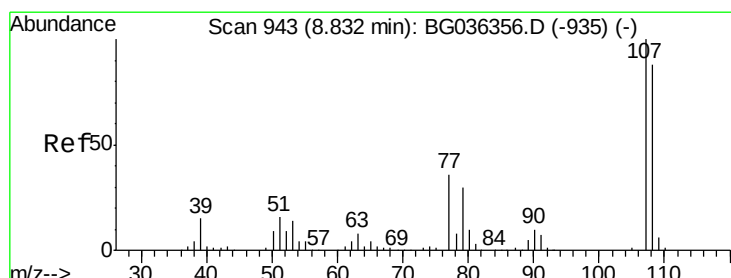
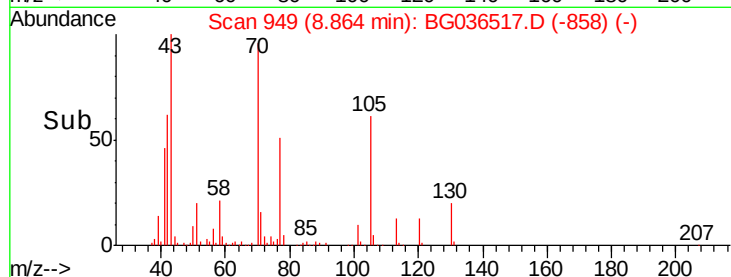
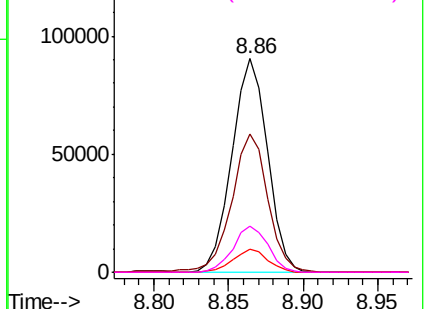


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 39.919 ng

RT: 8.82 min Scan# 942

Delta R.T. 0.00 min

Lab File: BG036517.D

Acq: 31 Aug 2018 23:02

Tgt Ion: 107 Resp: 213510

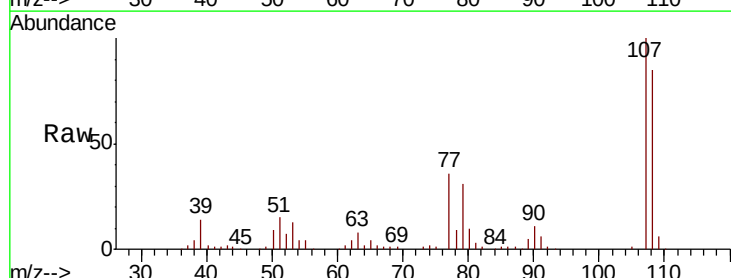
Ion Ratio Lower Upper

107 100

108 85.4 68.0 108.0

77 35.6 15.6 55.6

79 30.8 9.9 49.9

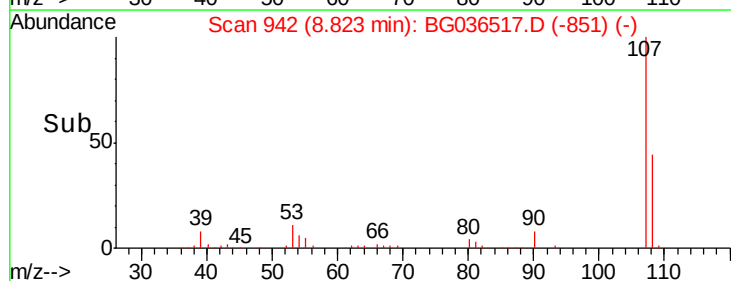
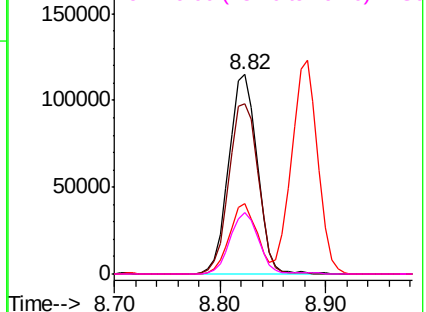


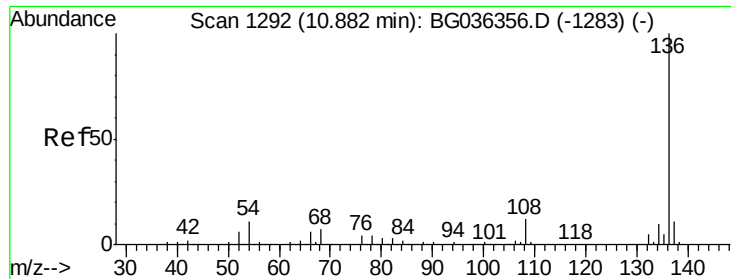
Abundance Ion 107.00 (106.70 to 107.70): BGC

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: 10.87 min Scan# 1290

Delta R.T. 0.00 min

Lab File: BG036517.D

Acq: 31 Aug 2018 23:02

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:136 Resp: 274820

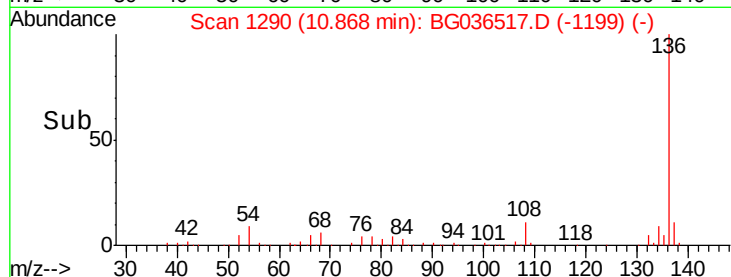
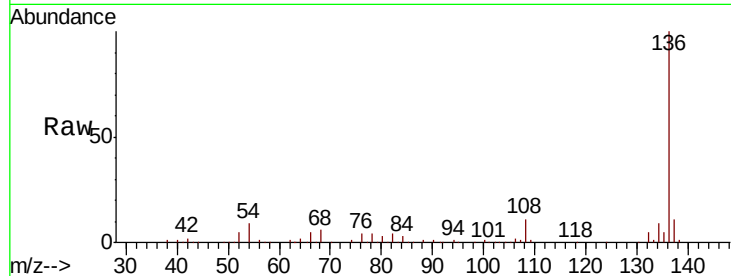
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 9.2 9.2 13.8#

68 6.4 5.8 8.6

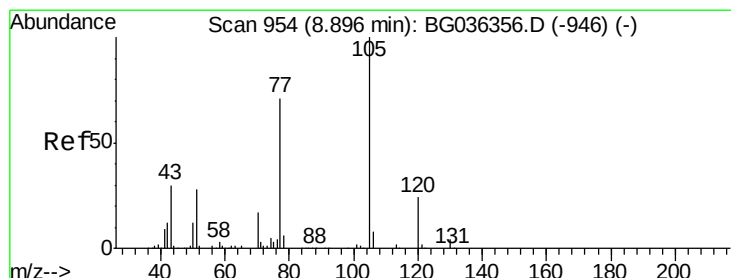
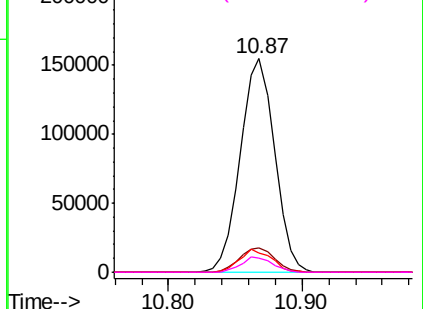


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 36.818 ng

RT: 8.88 min Scan# 952

Delta R.T. 0.00 min

Lab File: BG036517.D

Acq: 31 Aug 2018 23:02

Tgt Ion:105 Resp: 265700

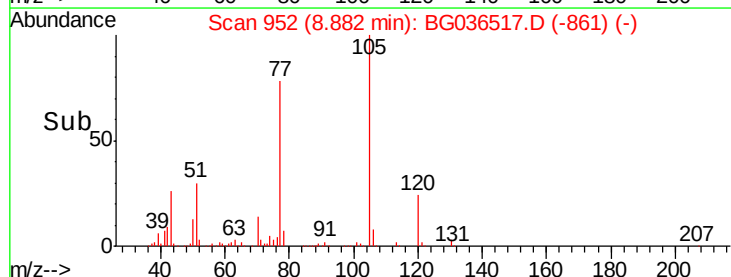
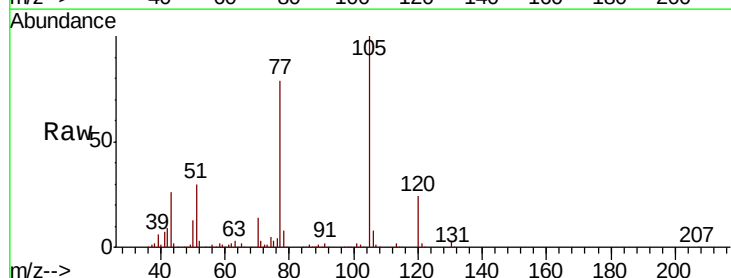
Ion Ratio Lower Upper

105 100

71 2.5 2.4 3.6

51 30.0 25.9 38.9

120 24.3 19.4 29.0

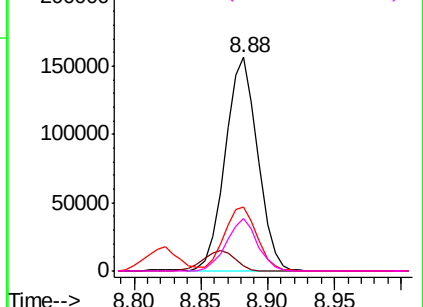


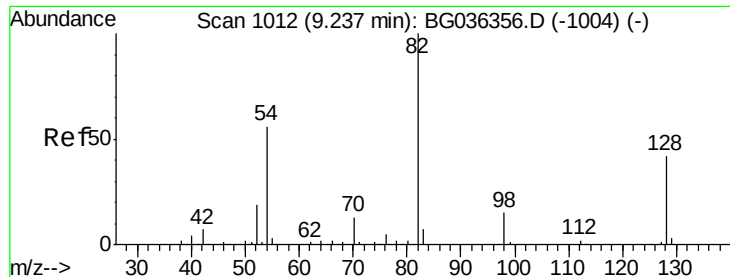
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

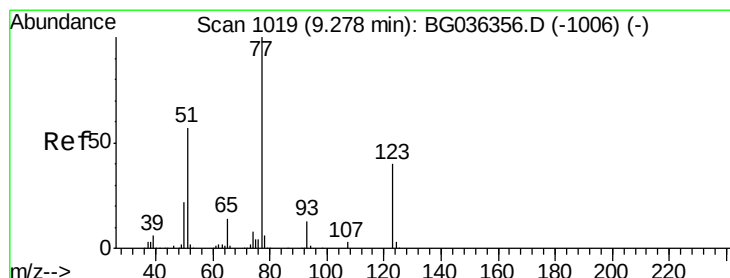
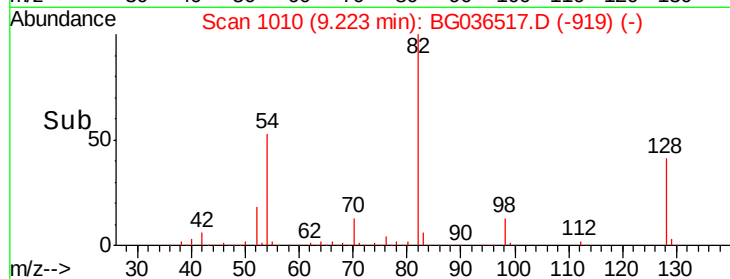
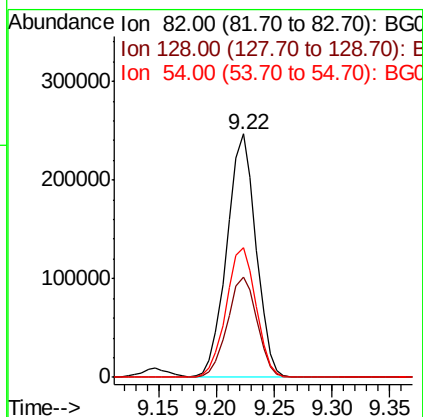
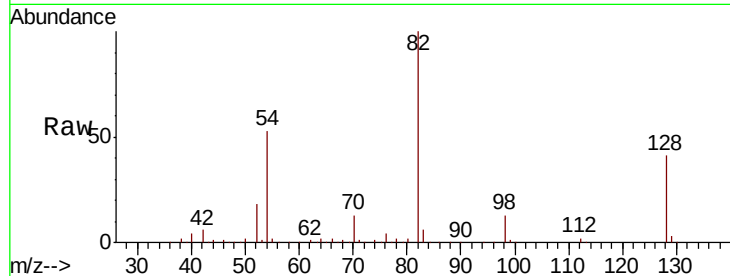




#23  
 Nitrobenzene-d5  
 Concen: 85.086 ng  
 RT: 9.22 min Scan# 1010  
 Delta R.T. 0.00 min  
 Lab File: BG036517.D  
 Acq: 31 Aug 2018 23:02

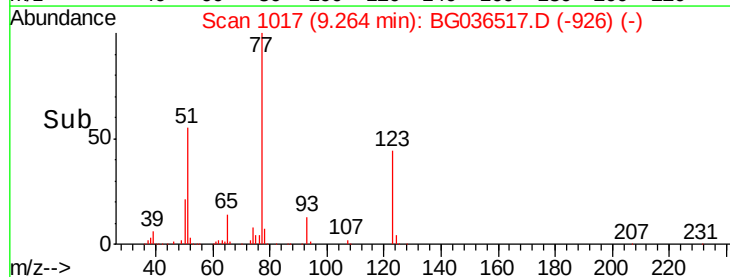
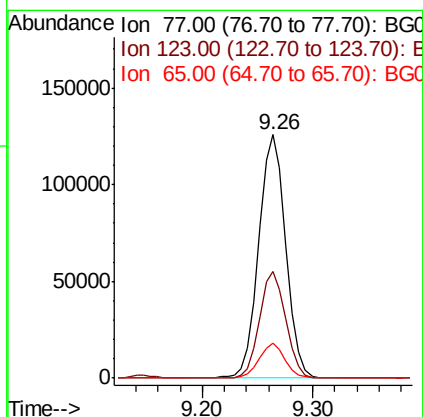
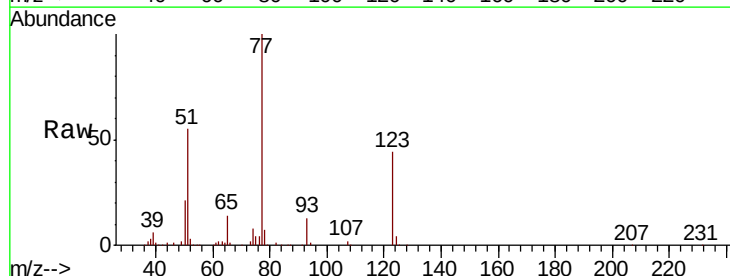
Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 41.1  | 33.3  | 49.9  |
| 54      | 53.3  | 45.1  | 67.7  |

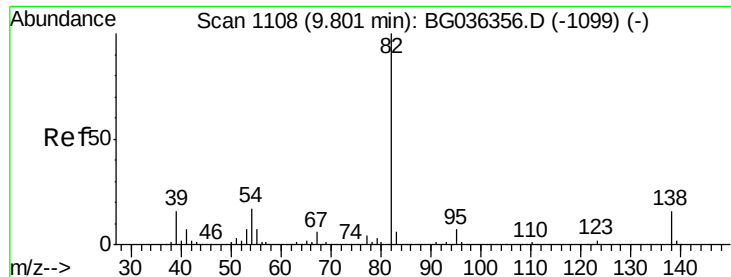


#24  
 Nitrobenzene  
 Concen: 39.477 ng  
 RT: 9.26 min Scan# 1017  
 Delta R.T. 0.00 min  
 Lab File: BG036517.D  
 Acq: 31 Aug 2018 23:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 43.9  | 32.4  | 48.6  |
| 65      | 14.2  | 11.5  | 17.3  |



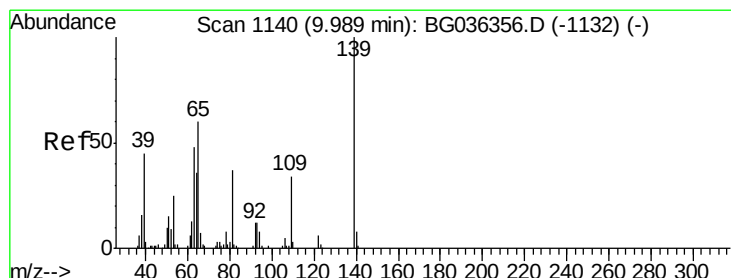
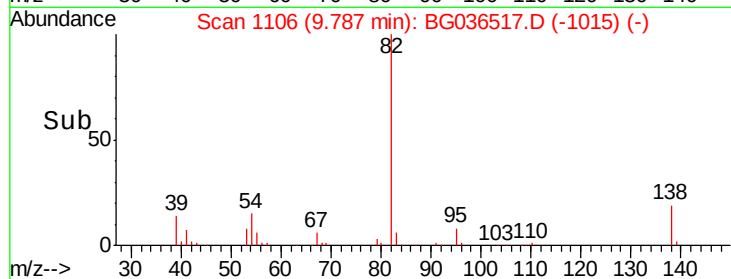
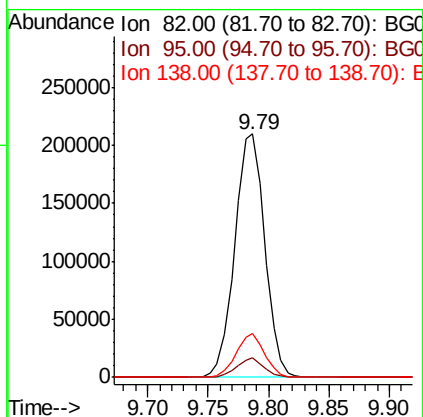
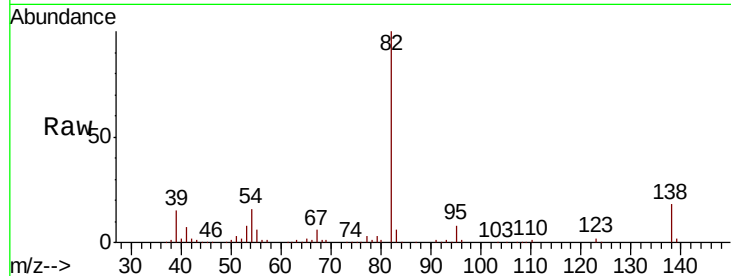




#25  
Isophorone  
Concen: 36.143 ng  
RT: 9.79 min Scan# 1106  
Delta R.T. 0.00 min  
Lab File: BG036517.D  
Acq: 31 Aug 2018 23:02

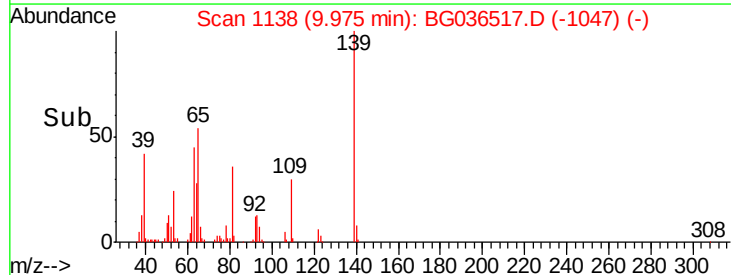
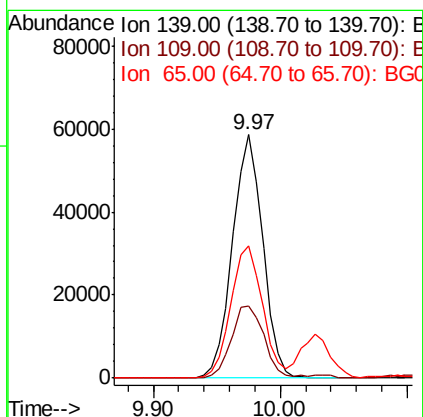
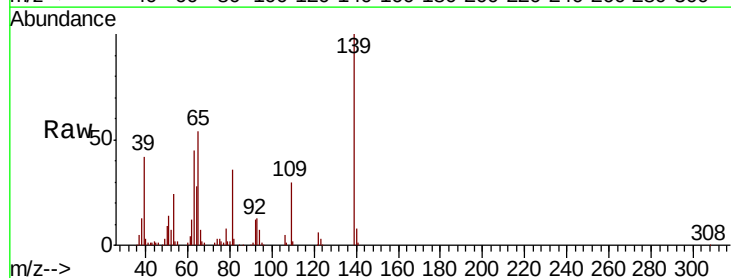
Instrument :  
BNA\_G  
ClientSampled :

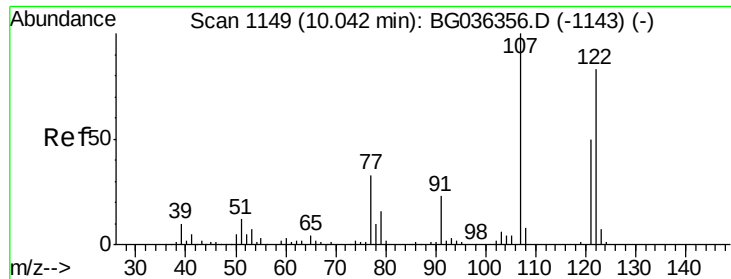
Tot Ion: 82 Resp: 363676  
Ion Ratio Lower Upper  
82 100  
95 8.0 5.8 8.8  
138 18.2 12.9 19.3



#26  
2-Nitrophenol  
Concen: 44.649 ng  
RT: 9.97 min Scan# 1138  
Delta R.T. 0.00 min  
Lab File: BG036517.D  
Acq: 31 Aug 2018 23:02

Tgt Ion: 139 Resp: 96638  
Ion Ratio Lower Upper  
139 100  
109 29.8 27.4 41.0  
65 54.1 47.8 71.6

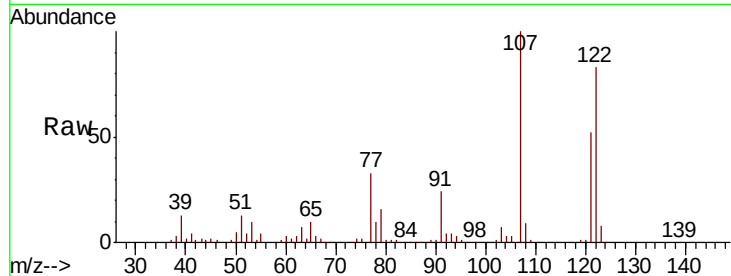




#27  
 2,4-Dimethylphenol  
 Concen: 37.244 ng  
 RT: 10.03 min Scan# 1147  
 Delta R.T. 0.00 min  
 Lab File: BG036517.D  
 Acq: 31 Aug 2018 23:02

Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   |       |       |       |
| 107     | 119.9 | 96.0  | 144.0 |       |
| 121     | 62.2  | 48.2  | 72.4  |       |

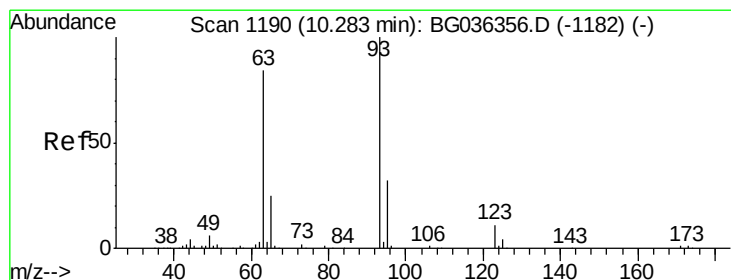
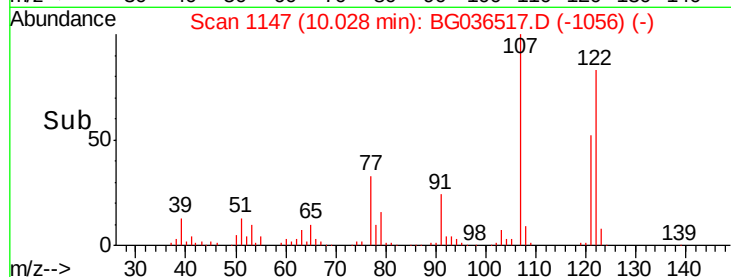
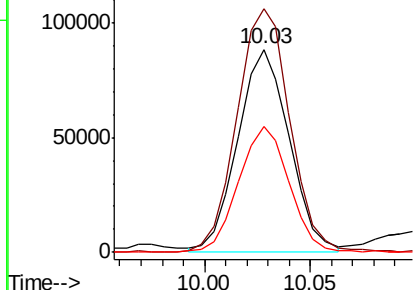


Abundance

Ion 122.00 (121.70 to 122.70): E

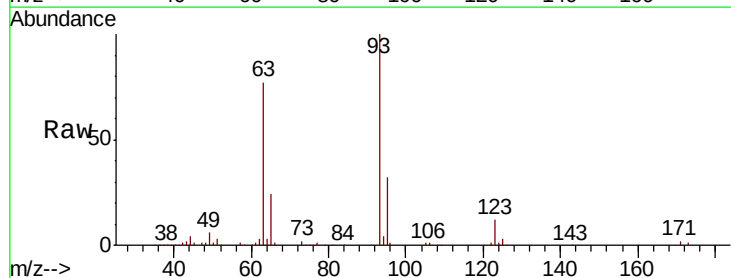
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 37.011 ng  
 RT: 10.27 min Scan# 1188  
 Delta R.T. 0.00 min  
 Lab File: BG036517.D  
 Acq: 31 Aug 2018 23:02

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 93      | 100  |       |       |       |
| 95      | 31.6 | 25.2  | 37.8  |       |
| 123     | 12.0 | 8.6   | 12.8  |       |

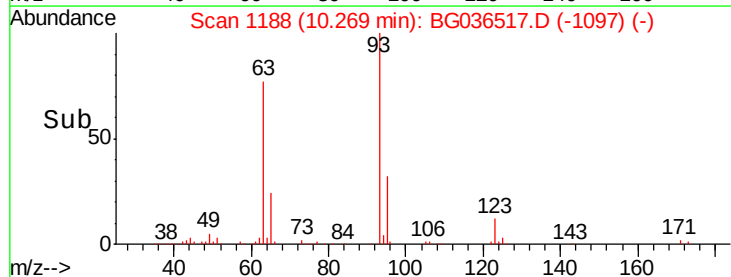
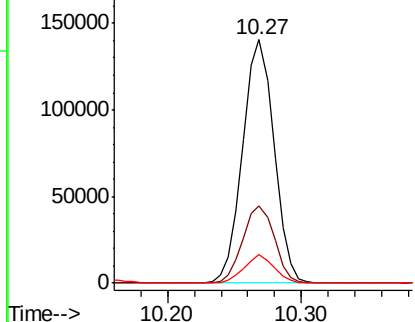


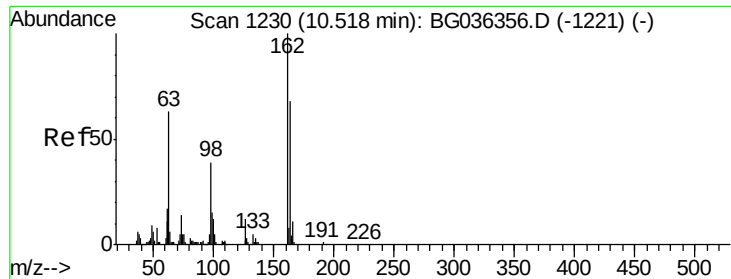
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

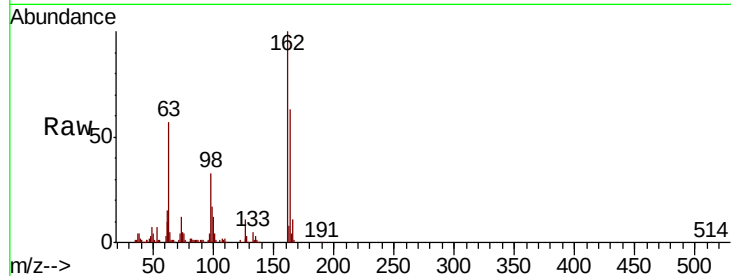




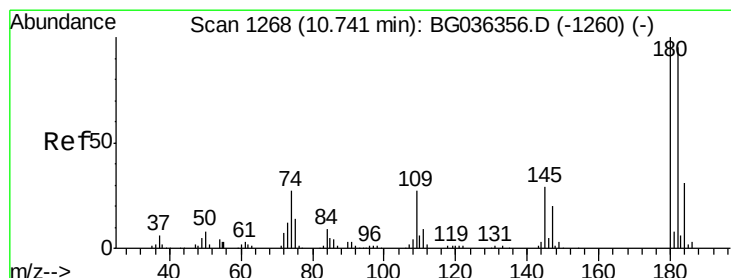
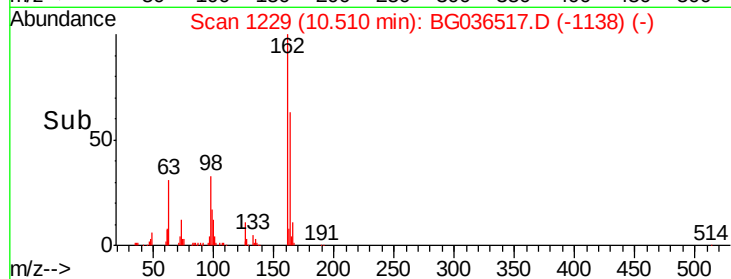
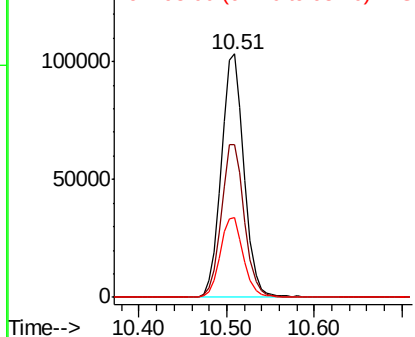
#29  
 2,4-Dichlorophenol  
 Concen: 42.297 ng  
 RT: 10.51 min Scan# 1229  
 Delta R.T. 0.00 min  
 Lab File: BG036517.D  
 Acq: 31 Aug 2018 23:02

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 62.9  | 47.6  | 87.6  |
| 98      | 32.9  | 19.2  | 59.2  |

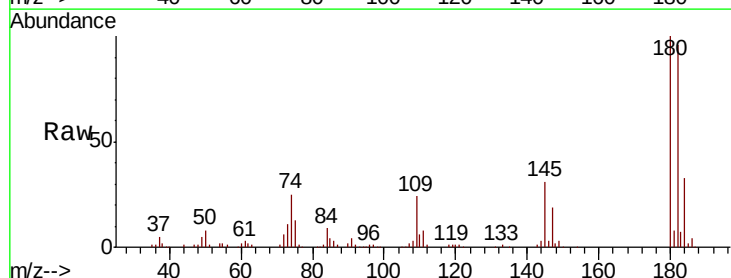


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BGC

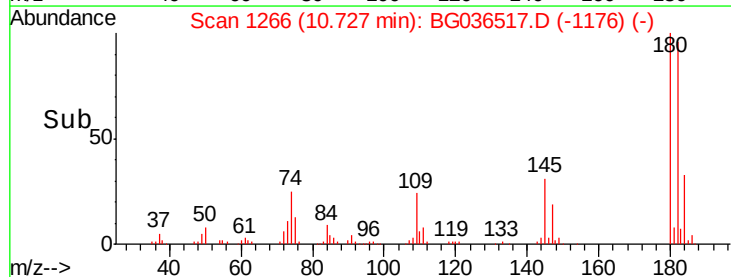
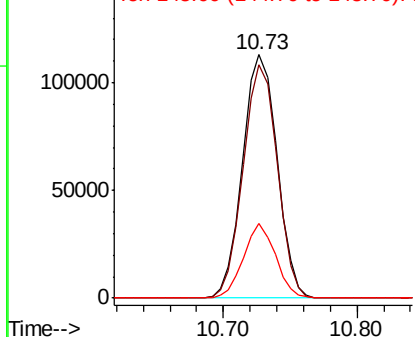


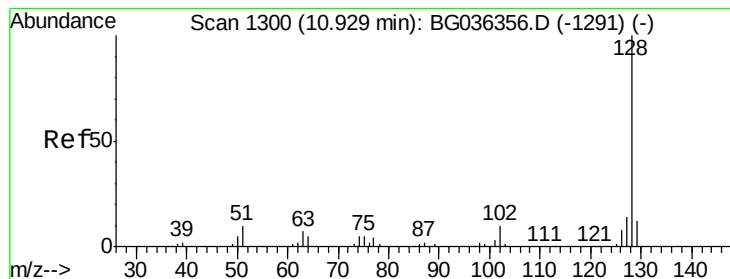
#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.294 ng  
 RT: 10.73 min Scan# 1266  
 Delta R.T. -0.00 min  
 Lab File: BG036517.D  
 Acq: 31 Aug 2018 23:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.9  | 76.0  | 114.0 |
| 145     | 30.8  | 22.9  | 34.3  |



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





#31

Naphthalene

Concen: 37.635 ng

RT: 10.92 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG036517.D

Acq: 31 Aug 2018 23:02

Instrument :

BNA\_G

ClientSampleId :

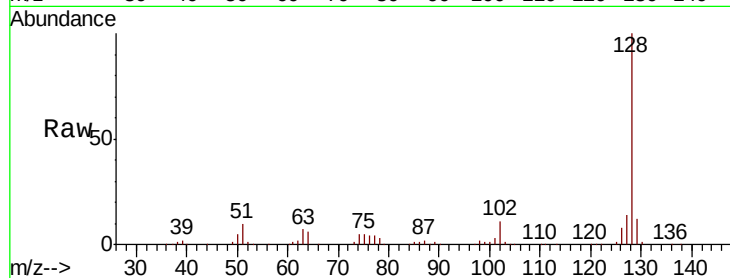
Tot Ion:128 Resp: 517036

Ion Ratio Lower Upper

128 100

129 11.9 9.4 14.2

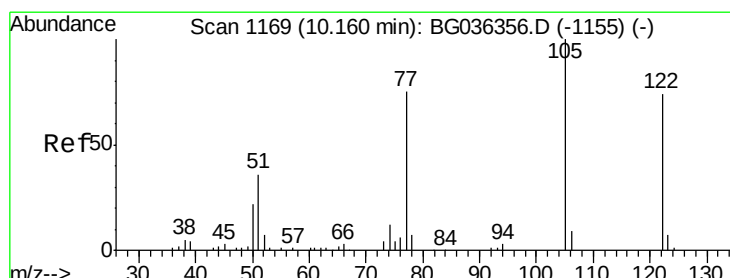
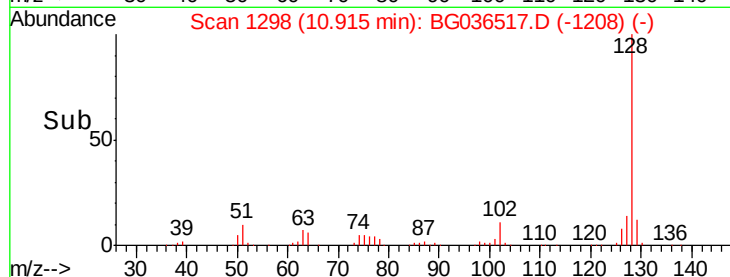
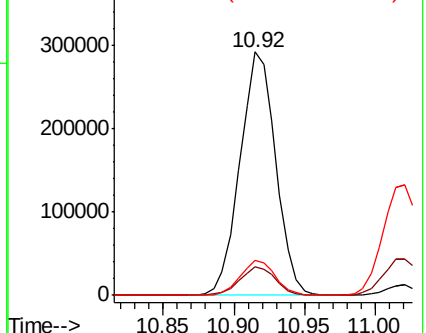
127 14.4 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.236 ng

RT: 10.15 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BG036517.D

Acq: 31 Aug 2018 23:02

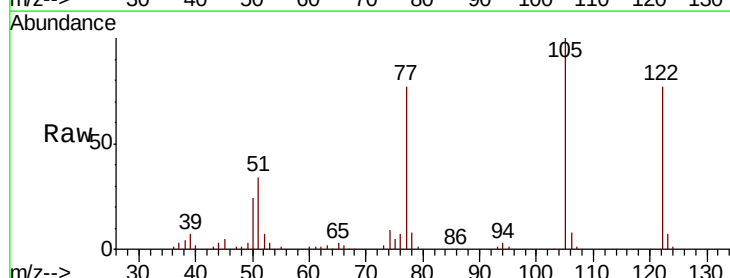
Tgt Ion:122 Resp: 107332

Ion Ratio Lower Upper

122 100

105 130.2 108.1 148.1

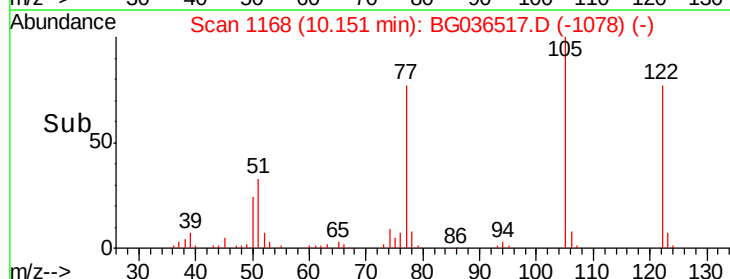
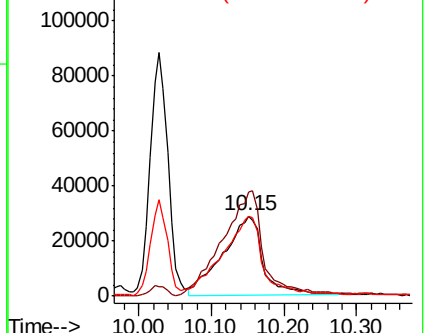
77 100.3 76.3 116.3

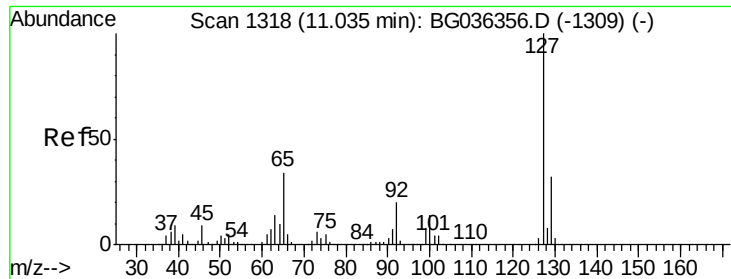


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

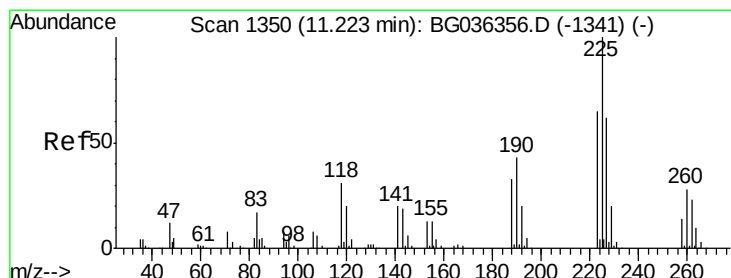
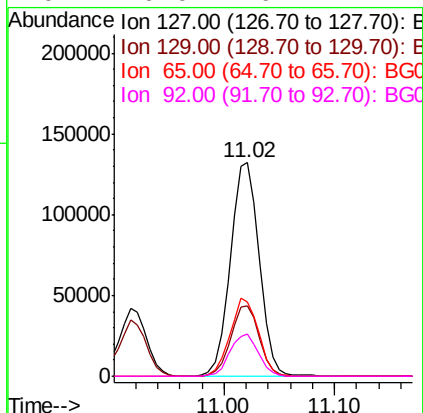
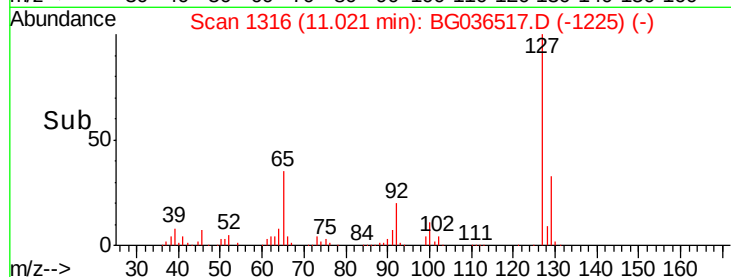
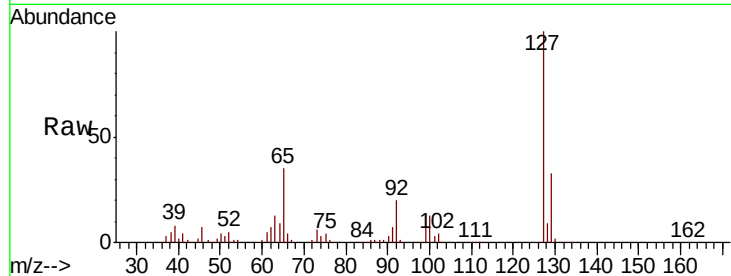




#33  
4-Chloroaniline  
Concen: 38.584 ng  
RT: 11.02 min Scan# 1316  
Delta R.T. 0.00 min  
Lab File: BG036517.D  
Acq: 31 Aug 2018 23:02

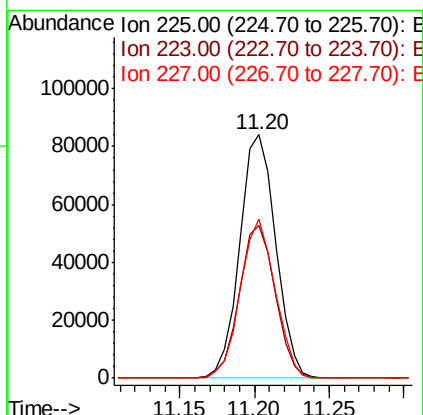
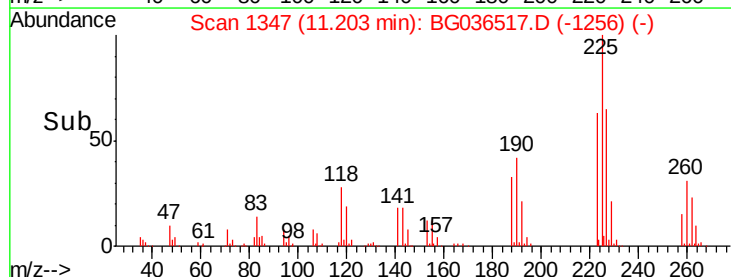
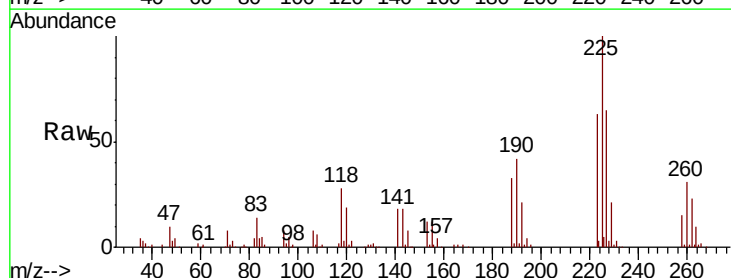
Instrument :  
BNA\_G  
ClientSampleId :

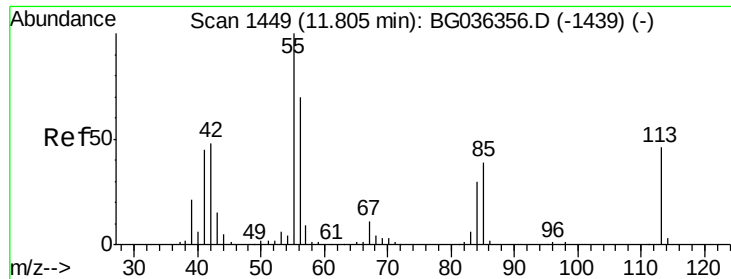
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 242898 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.8  | 25.9  | 38.9   |
| 65       | 34.6  | 27.5  | 41.3   |
| 92       | 20.0  | 16.2  | 24.2   |



#34  
Hexachlorobutadiene  
Concen: 40.709 ng  
RT: 11.20 min Scan# 1347  
Delta R.T. 0.00 min  
Lab File: BG036517.D  
Acq: 31 Aug 2018 23:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 140516 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.9  | 51.8  | 77.8   |
| 227      | 65.3  | 49.8  | 74.6   |

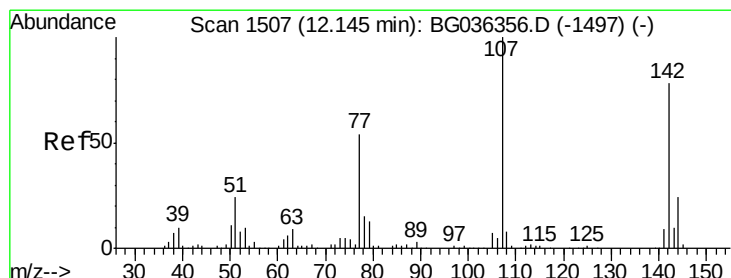
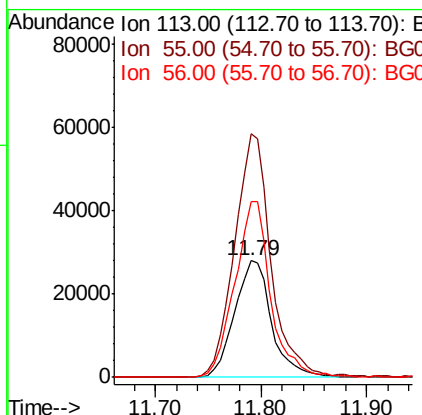
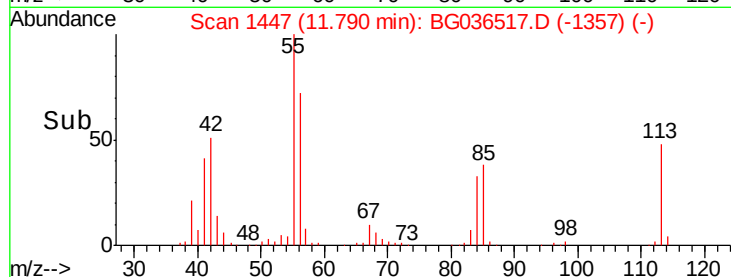
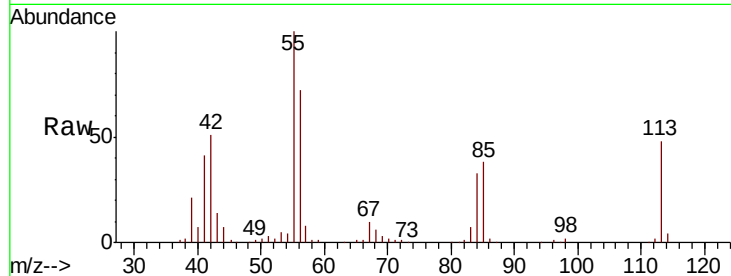




#35  
Caprolactam  
Concen: 38.812 ng  
RT: 11.79 min Scan# 1447  
Delta R.T. -0.00 min  
Lab File: BG036517.D  
Acq: 31 Aug 2018 23:02

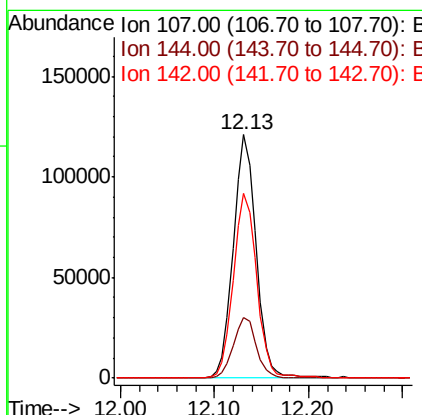
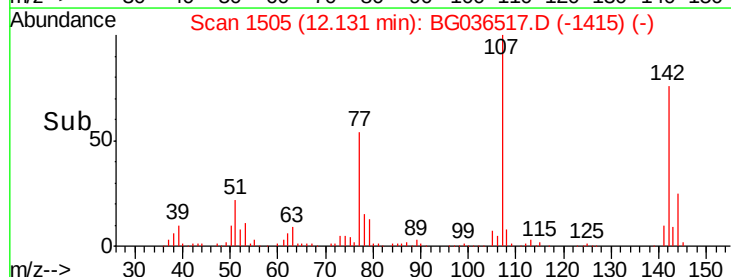
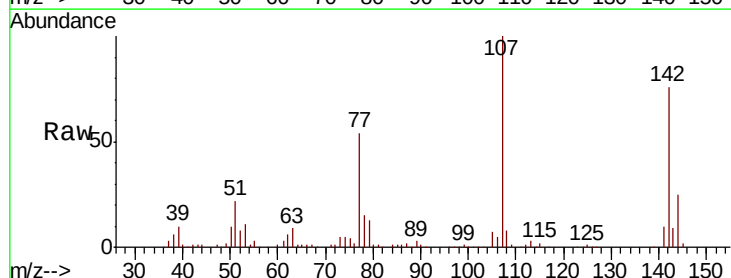
Instrument :  
BNA\_G  
ClientSampleId :

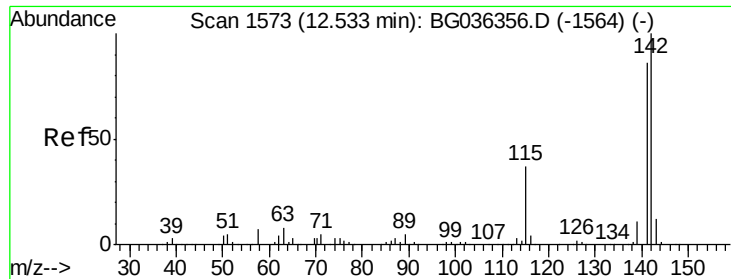
Tot Ion:113 Resp: 67899  
Ion Ratio Lower Upper  
113 100  
55 209.0 197.7 237.7  
56 151.4 131.7 171.7



#36  
4-Chloro-3-methylphenol  
Concen: 40.052 ng  
RT: 12.13 min Scan# 1505  
Delta R.T. -0.00 min  
Lab File: BG036517.D  
Acq: 31 Aug 2018 23:02

Tgt Ion:107 Resp: 204376  
Ion Ratio Lower Upper  
107 100  
144 24.9 19.5 29.3  
142 76.0 62.4 93.6

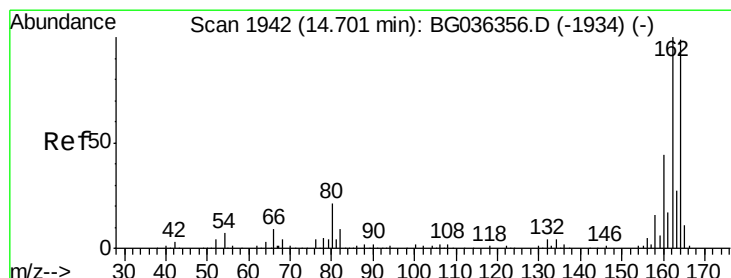
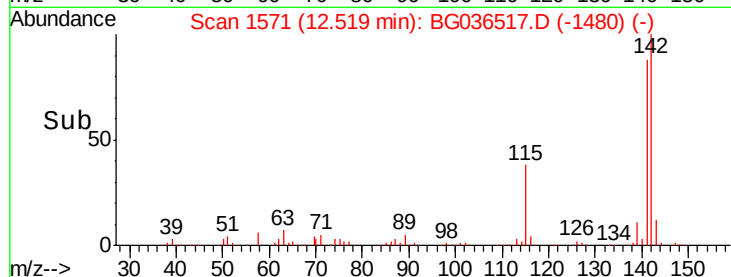
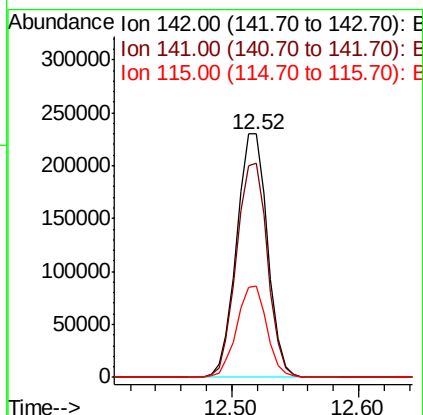
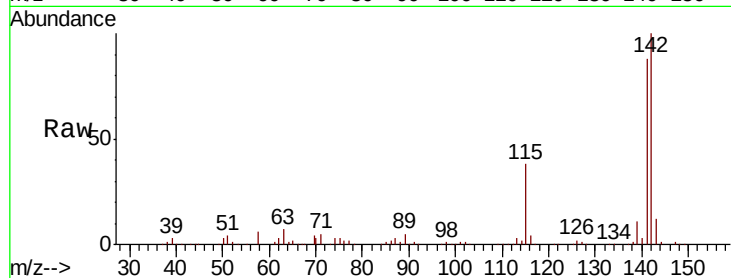




#37  
2-Methylnaphthalene  
Concen: 38.595 ng  
RT: 12.52 min Scan# 1571  
Delta R.T. 0.00 min  
Lab File: BG036517.D  
Acq: 31 Aug 2018 23:02

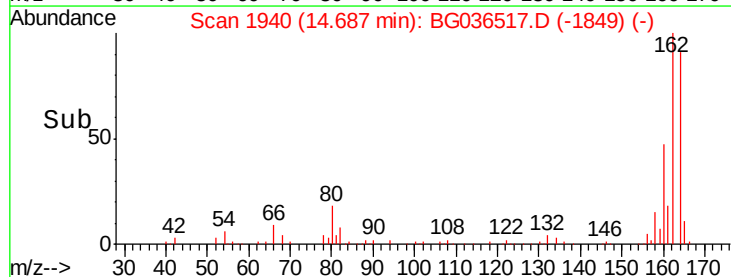
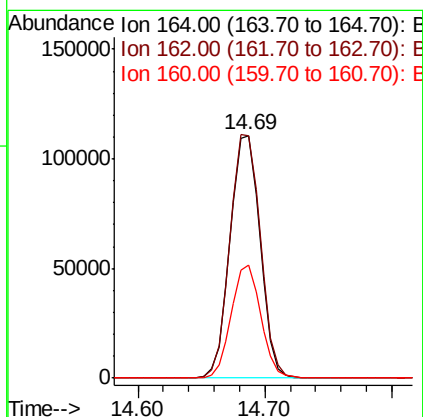
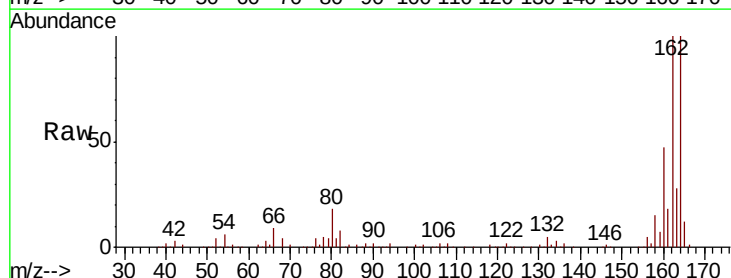
Instrument :  
BNA\_G  
ClientSampleId :

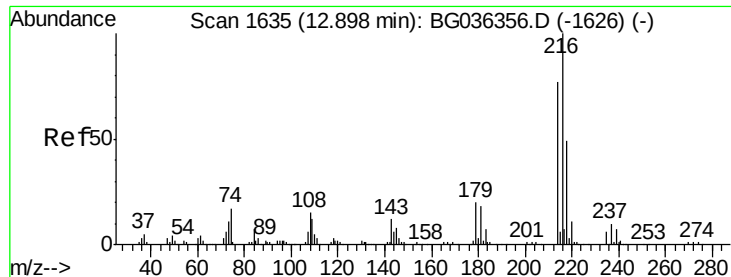
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.8  | 68.5  | 102.7 |
| 115     | 37.5  | 29.8  | 44.8  |



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.69 min Scan# 1940  
Delta R.T. 0.00 min  
Lab File: BG036517.D  
Acq: 31 Aug 2018 23:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 100.0 | 80.7  | 121.1 |
| 160     | 46.7  | 35.3  | 52.9  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.635 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BG036517.D

Acq: 31 Aug 2018 23:02

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:216 Resp: 246878

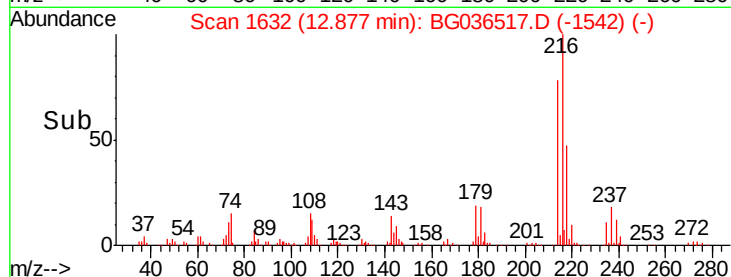
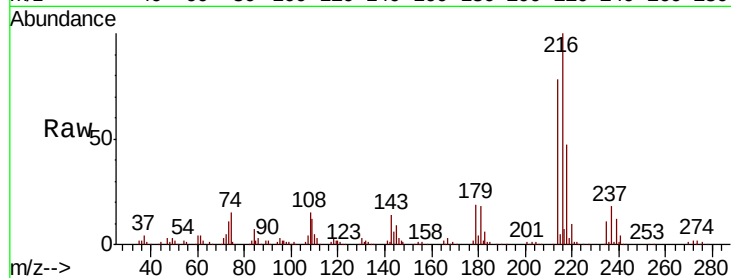
Ion Ratio Lower Upper

216 100

214 77.9 61.0 91.6

179 19.4 15.7 23.5

108 15.4 13.1 19.7

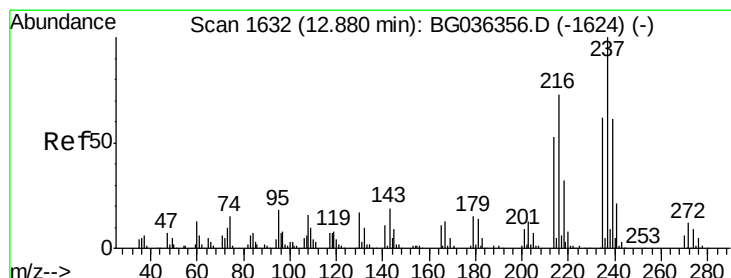
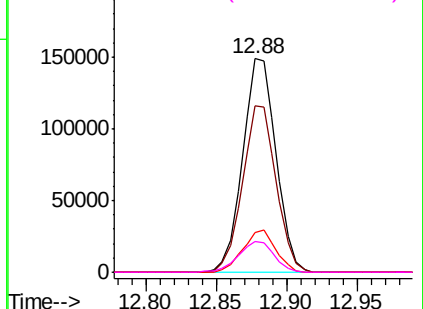


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 39.781 ng

RT: 12.87 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BG036517.D

Acq: 31 Aug 2018 23:02

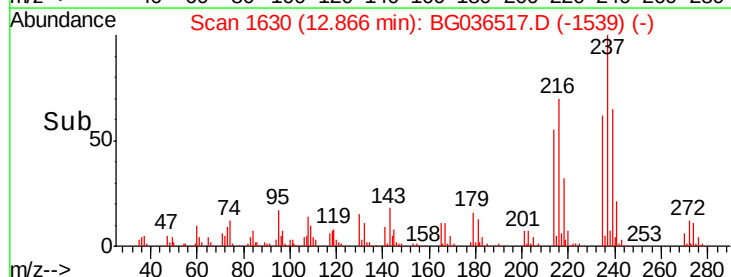
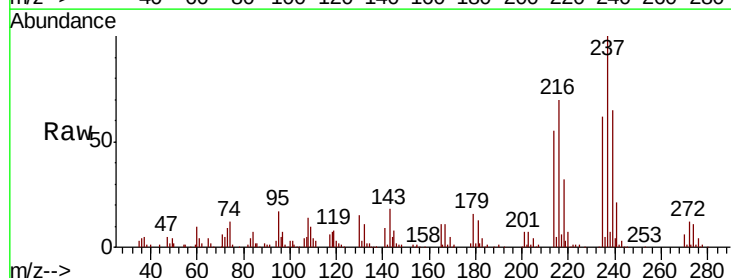
Tgt Ion:237 Resp: 132263

Ion Ratio Lower Upper

237 100

235 61.9 42.2 82.2

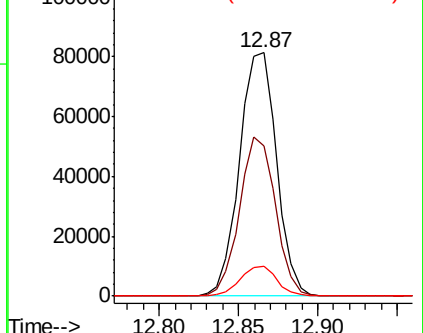
272 12.1 0.0 32.1



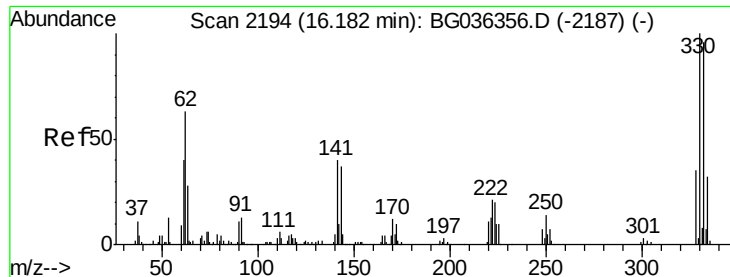
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



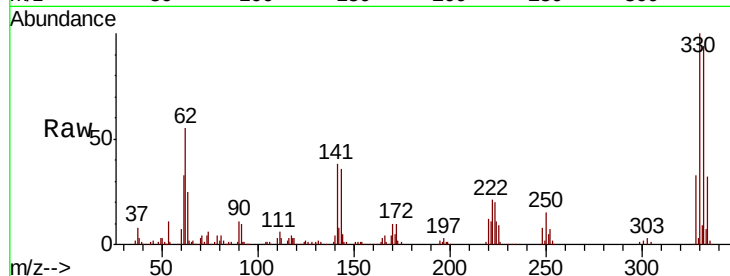




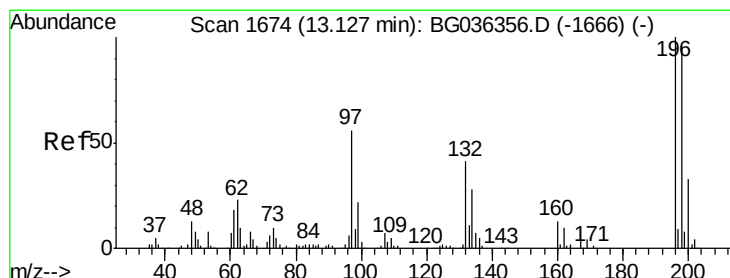
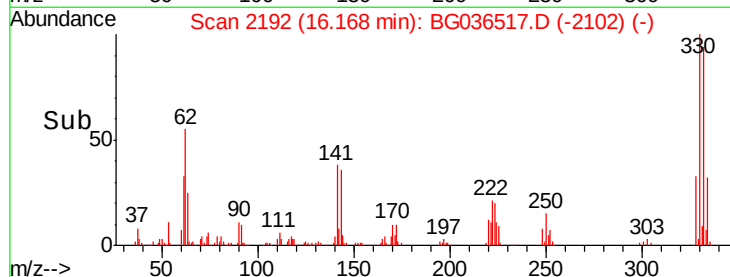
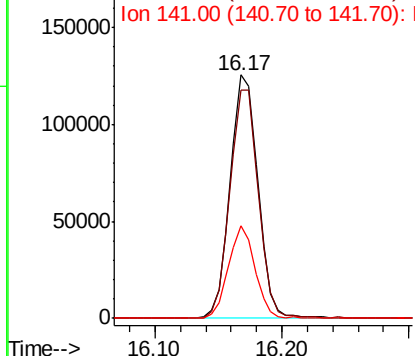
#41  
 2,4,6-Tribromophenol  
 Concen: 88.159 ng  
 RT: 16.17 min Scan# 2192  
 Delta R.T. -0.00 min  
 Lab File: BG036517.D  
 Acq: 31 Aug 2018 23:02

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.9  | 75.4  | 113.2 |
| 141     | 36.2  | 30.7  | 46.1  |

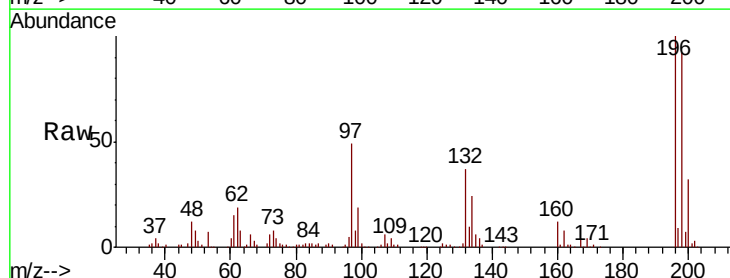


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

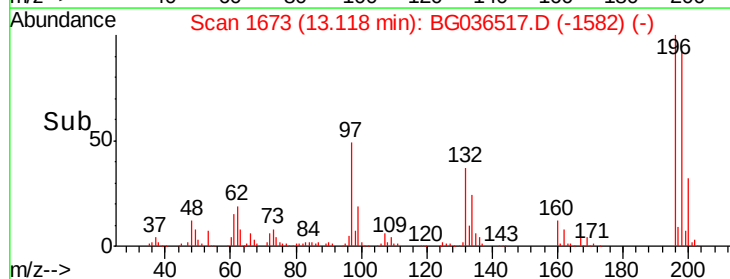
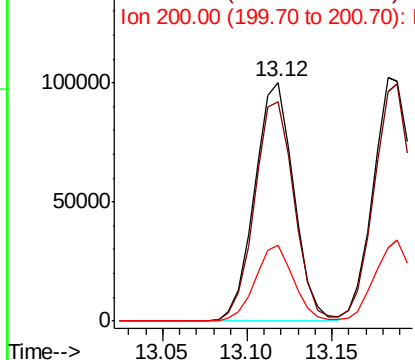


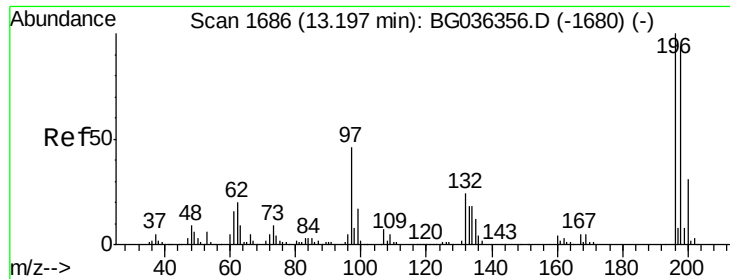
#42  
 2,4,6-Trichlorophenol  
 Concen: 41.335 ng  
 RT: 13.12 min Scan# 1673  
 Delta R.T. 0.00 min  
 Lab File: BG036517.D  
 Acq: 31 Aug 2018 23:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 91.8  | 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

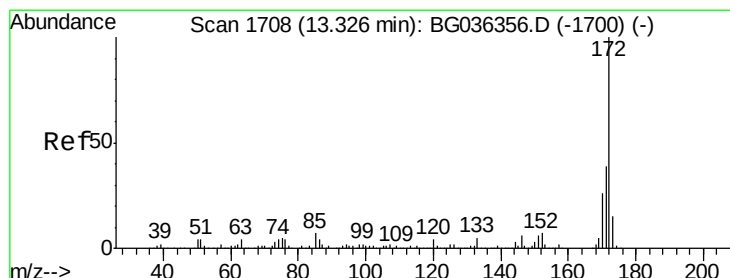
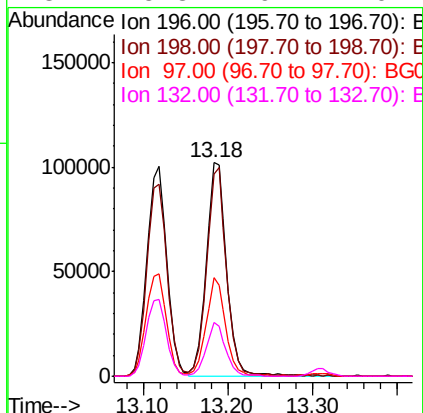
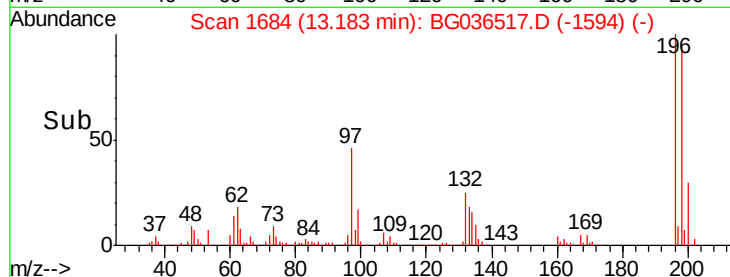
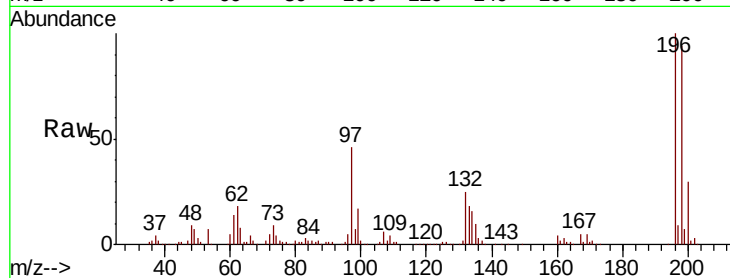




#43  
 2,4,5-Trichlorophenol  
 Concen: 41.780 ng  
 RT: 13.18 min Scan# 1684  
 Delta R.T. -0.00 min  
 Lab File: BG036517.D  
 Acq: 31 Aug 2018 23:02

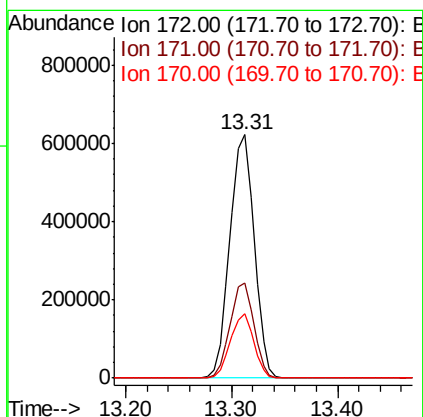
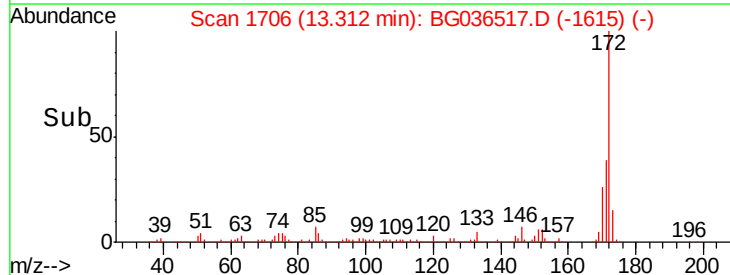
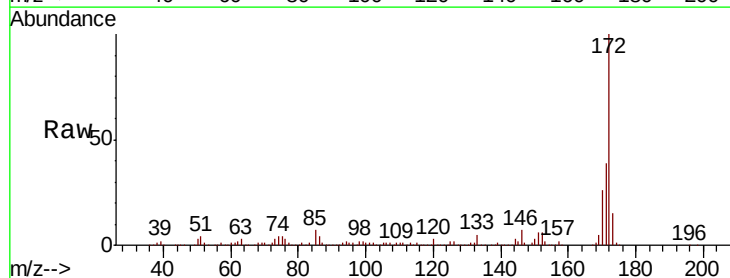
Instrument :  
 BNA\_G  
 ClientSampleId :

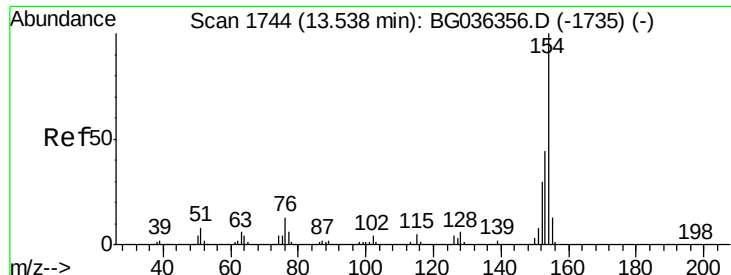
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.4  | 75.6  | 113.4 |
| 97      | 45.9  | 37.2  | 55.8  |
| 132     | 25.3  | 19.4  | 29.2  |



#44  
 2-Fluorobiphenyl  
 Concen: 78.171 ng  
 RT: 13.31 min Scan# 1706  
 Delta R.T. 0.00 min  
 Lab File: BG036517.D  
 Acq: 31 Aug 2018 23:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.8  | 31.3  | 46.9  |
| 170     | 26.5  | 21.0  | 31.6  |





#45

1,1'-Biphenyl

Concen: 36.768 ng

RT: 13.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: BG036517.D

Acq: 31 Aug 2018 23:02

Instrument :

BNA\_G

ClientSampleId :

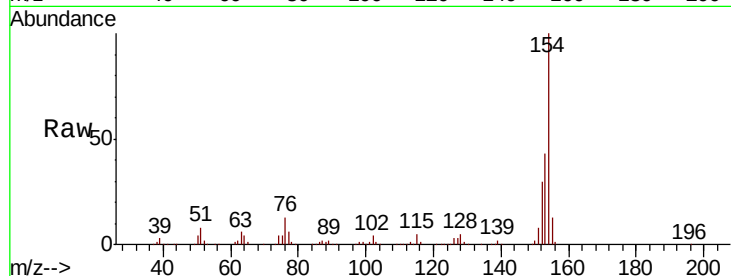
Tot Ion:154 Resp: 551105

Ion Ratio Lower Upper

154 100

153 43.1 24.0 64.0

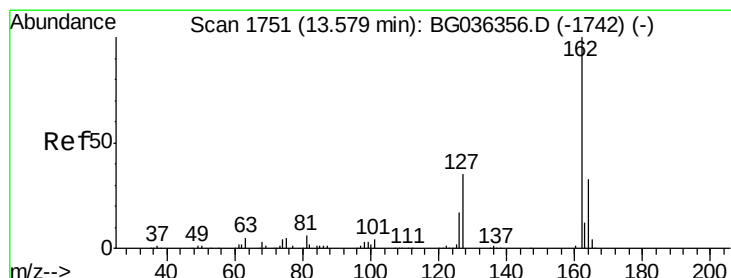
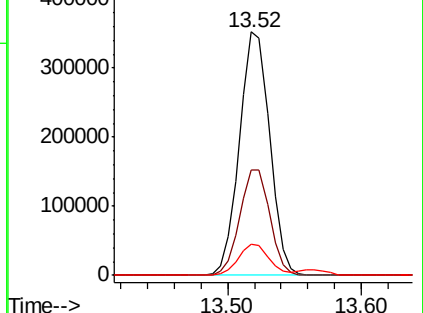
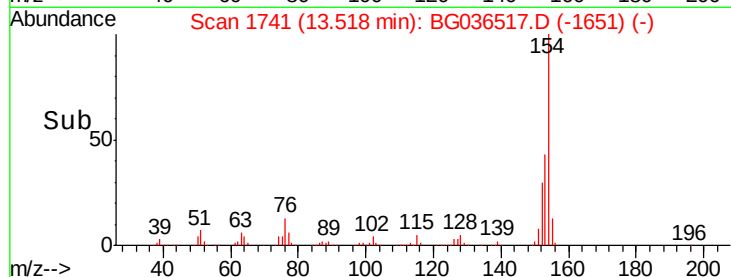
76 12.7 0.0 32.9



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: 37.804 ng

RT: 13.56 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BG036517.D

Acq: 31 Aug 2018 23:02

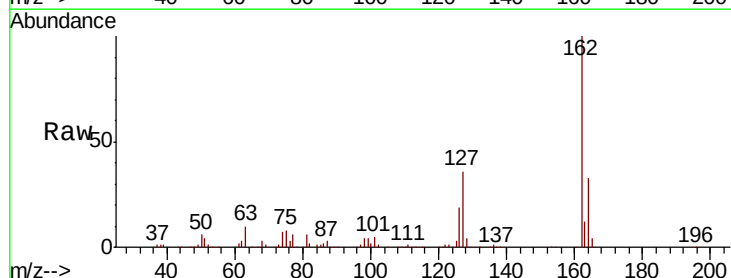
Tgt Ion:162 Resp: 432575

Ion Ratio Lower Upper

162 100

127 35.8 30.7 46.1

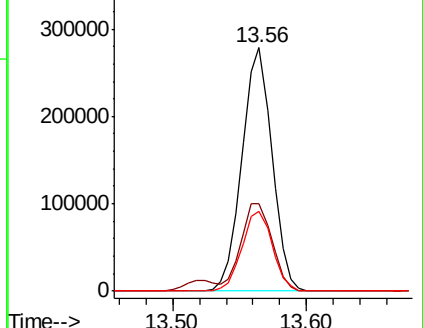
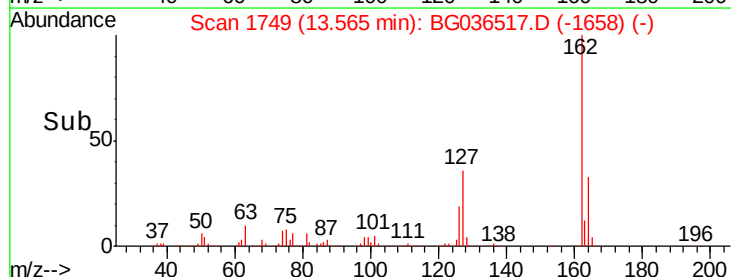
164 32.7 26.7 40.1

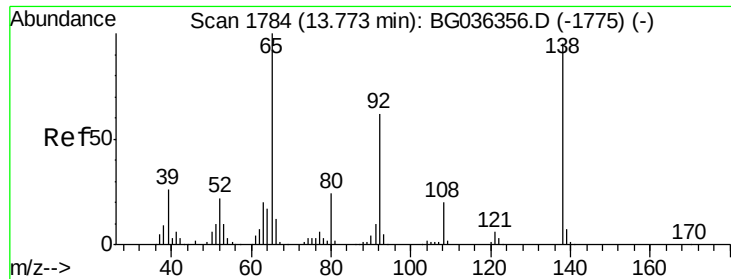


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

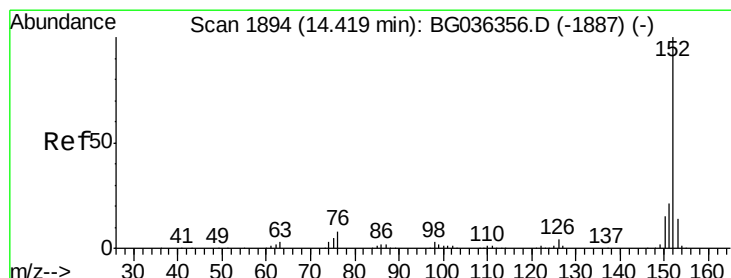
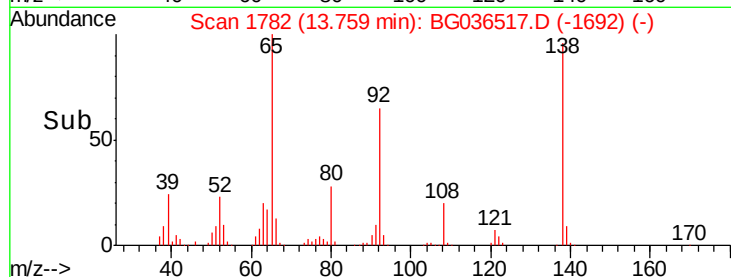
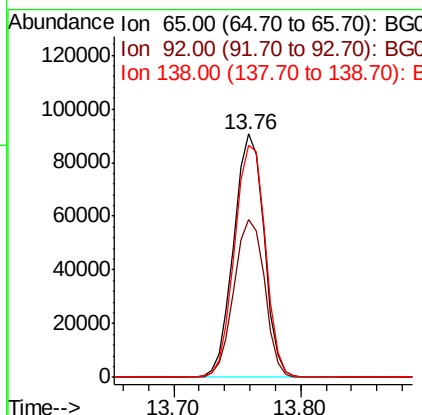
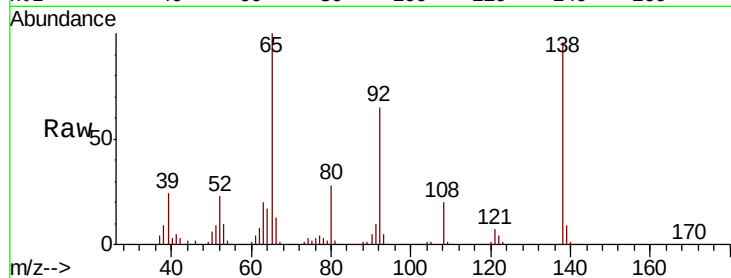




#47  
2-Nitroaniline  
Concen: 41.793 ng  
RT: 13.76 min Scan# 1782  
Delta R.T. -0.00 min  
Lab File: BG036517.D  
Acq: 31 Aug 2018 23:02

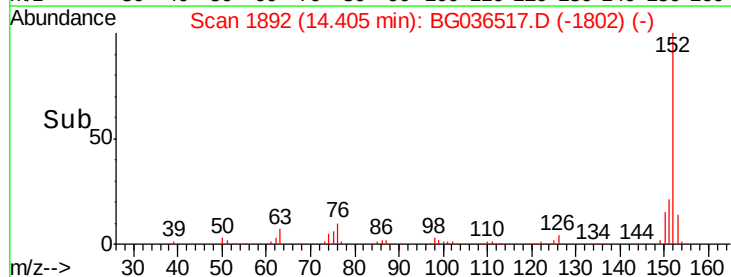
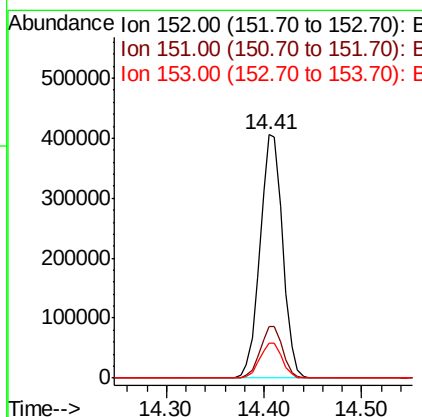
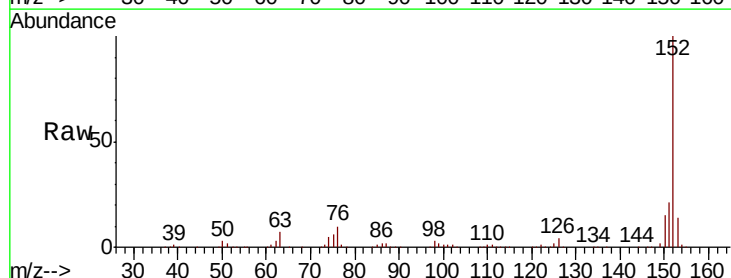
Instrument :  
BNA\_G  
ClientSampleId :

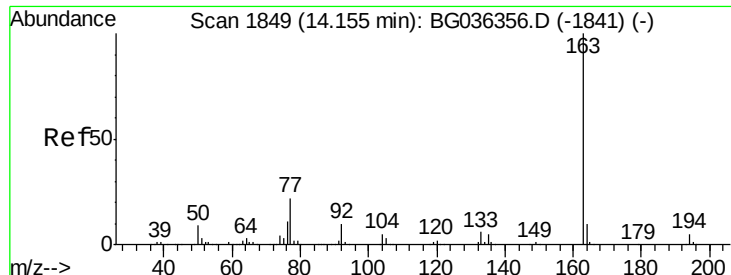
Tot Ion: 65 Resp: 150169  
Ion Ratio Lower Upper  
65 100  
92 65.0 49.9 74.9  
138 95.6 76.2 114.4



#48  
Acenaphthylene  
Concen: 37.217 ng  
RT: 14.41 min Scan# 1892  
Delta R.T. -0.00 min  
Lab File: BG036517.D  
Acq: 31 Aug 2018 23:02

Tgt Ion: 152 Resp: 665547  
Ion Ratio Lower Upper  
152 100  
151 21.4 16.9 25.3  
153 14.3 11.2 16.8





#49

Dimethylphthalate

Concen: 37.981 ng

RT: 14.14 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BG036517.D

Acq: 31 Aug 2018 23:02

Instrument :

BNA\_G

ClientSampleId :

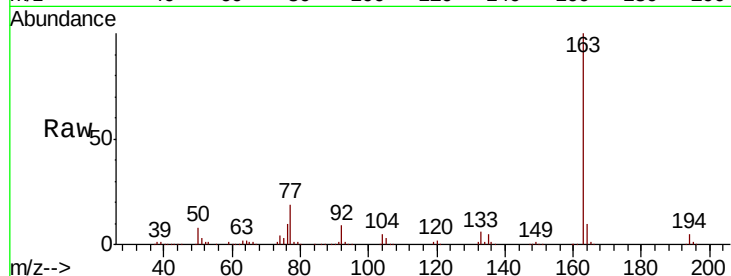
Tot Ion:163 Resp: 560001

Ion Ratio Lower Upper

163 100

194 5.0 4.0 6.0

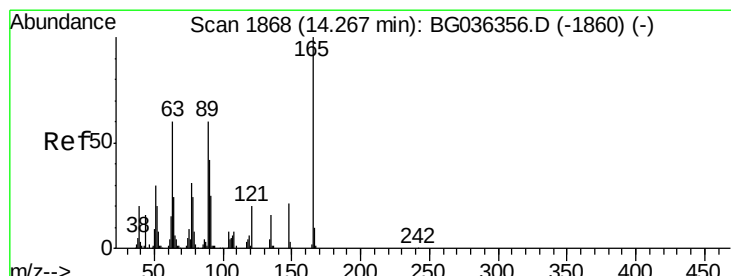
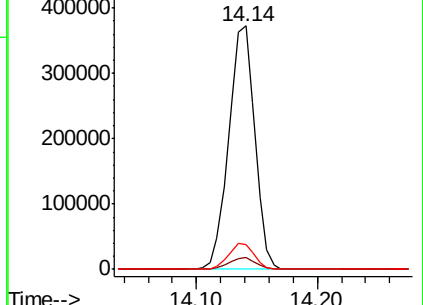
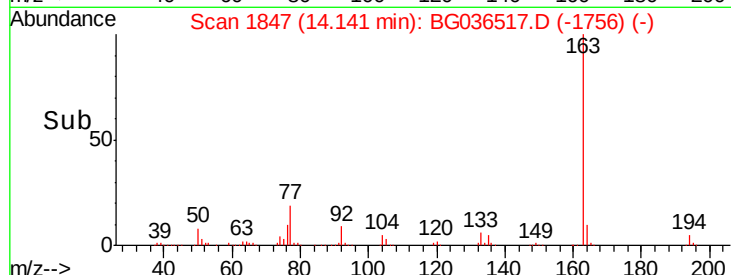
164 10.4 8.1 12.1



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



#50

2,6-Dinitrotoluene

Concen: 40.348 ng

RT: 14.25 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BG036517.D

Acq: 31 Aug 2018 23:02

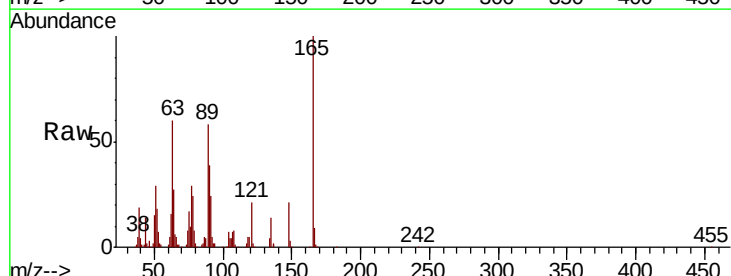
Tgt Ion:165 Resp: 122416

Ion Ratio Lower Upper

165 100

63 60.4 50.1 75.1

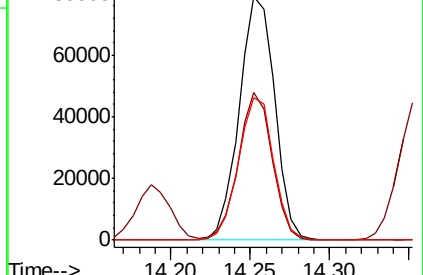
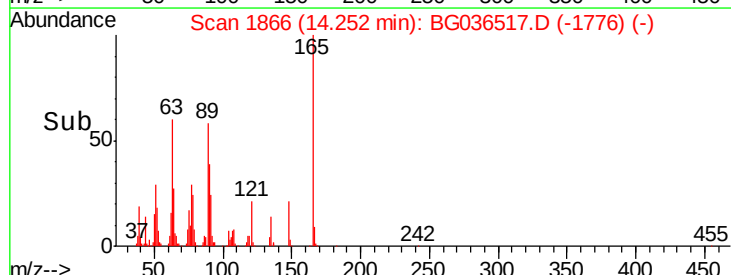
89 58.5 47.8 71.6

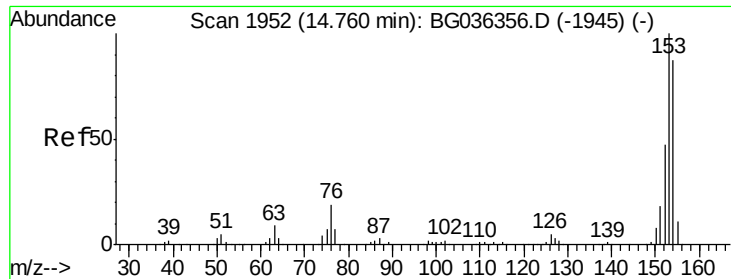


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 37.394 ng

RT: 14.75 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG036517.D

Acq: 31 Aug 2018 23:02

Instrument :

BNA\_G

ClientSampleId :

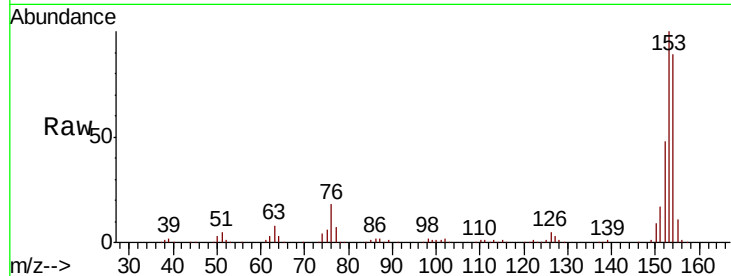
Tot Ion:154 Resp: 428273

Ion Ratio Lower Upper

154 100

153 112.0 91.8 137.6

152 54.2 43.5 65.3

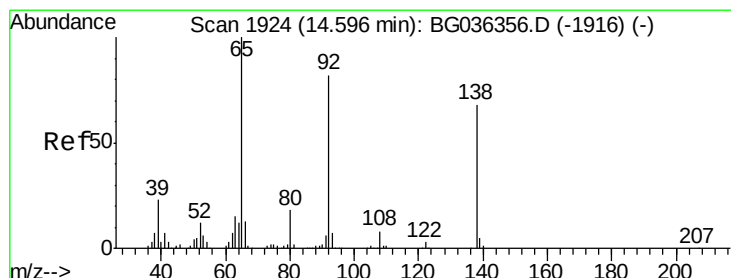
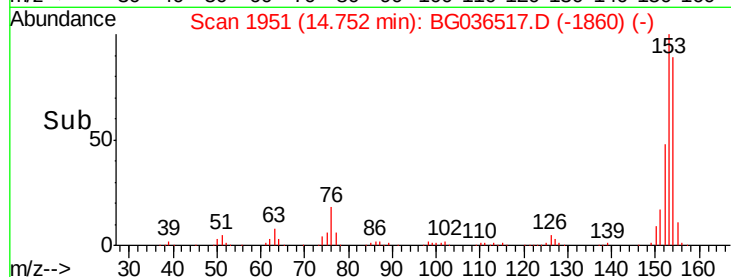
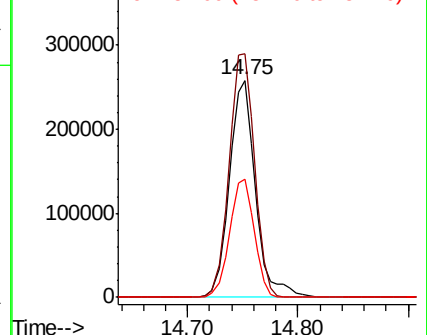


Abundance

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: 43.496 ng

RT: 14.58 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG036517.D

Acq: 31 Aug 2018 23:02

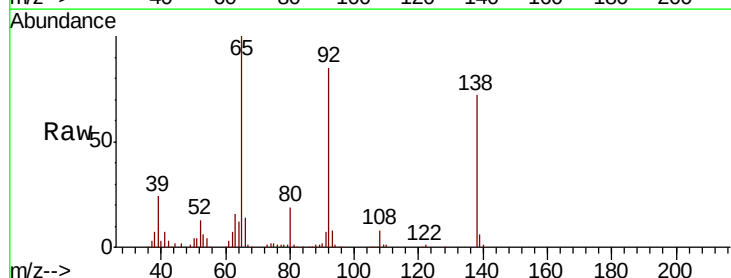
Tgt Ion:138 Resp: 142212

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.2

92 117.7 96.8 145.2

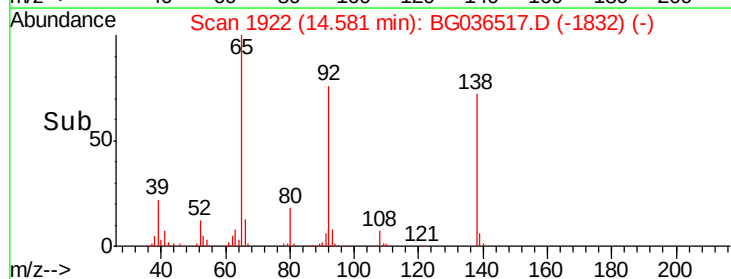
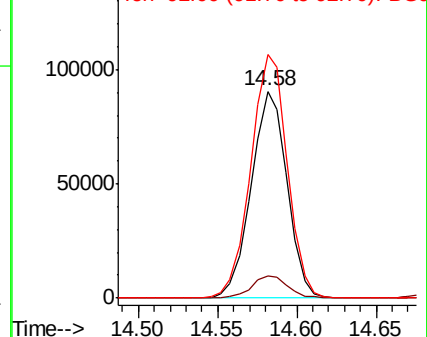


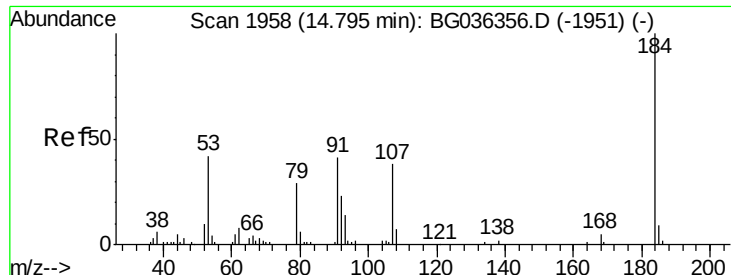
Abundance

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): E





#53

2,4-Dinitrophenol

Concen: 36.996 ng

RT: 14.79 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BG036517.D

Acq: 31 Aug 2018 23:02

Instrument :

BNA\_G

ClientSampleId :

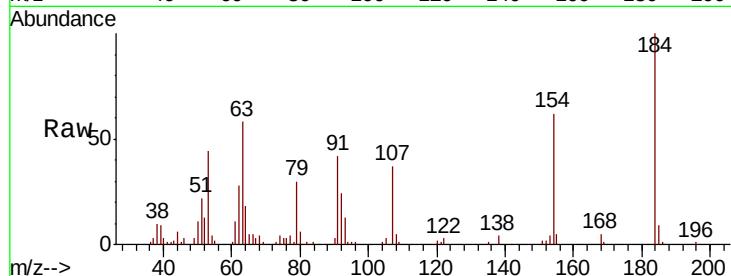
Tot Ion:184 Resp: 42516

Ion Ratio Lower Upper

184 100

63 58.5 47.3 70.9

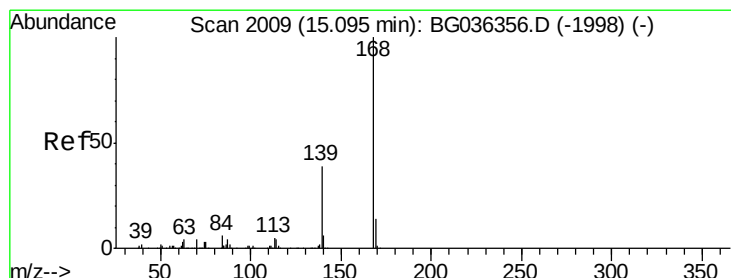
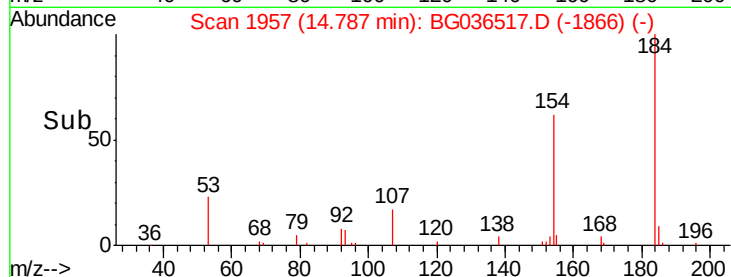
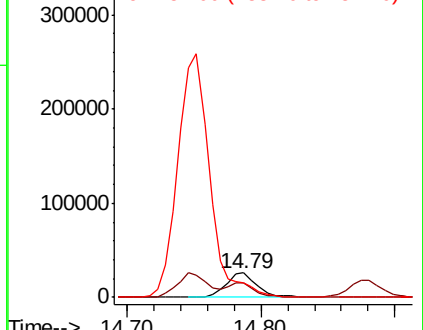
154 61.5 51.1 76.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 37.874 ng

RT: 15.08 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BG036517.D

Acq: 31 Aug 2018 23:02

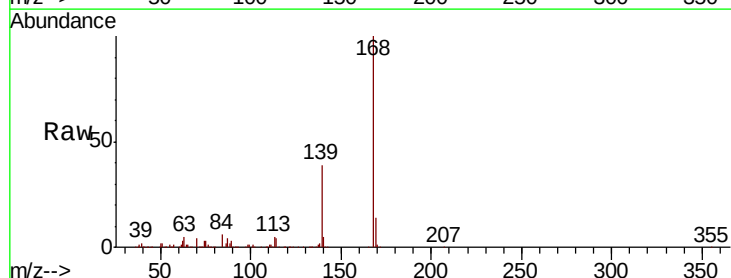
Tgt Ion:168 Resp: 679562

Ion Ratio Lower Upper

168 100

139 38.7 31.0 46.6

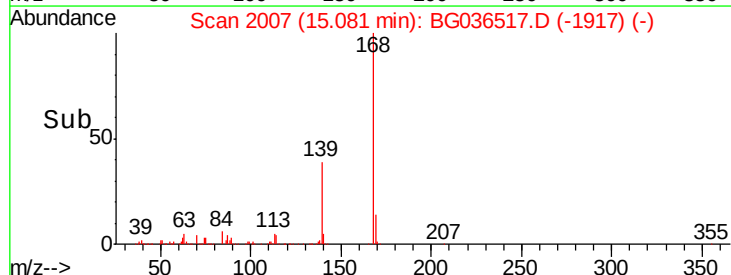
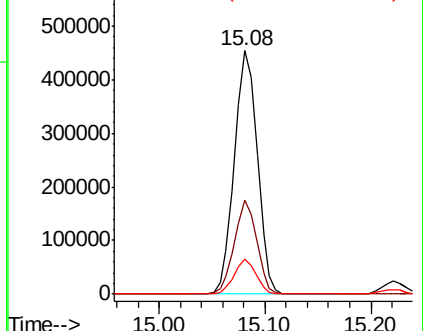
169 14.3 11.1 16.7

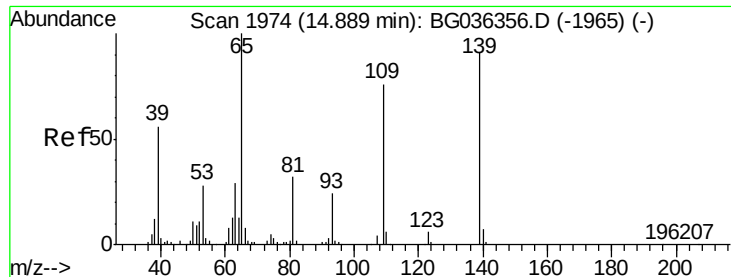


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

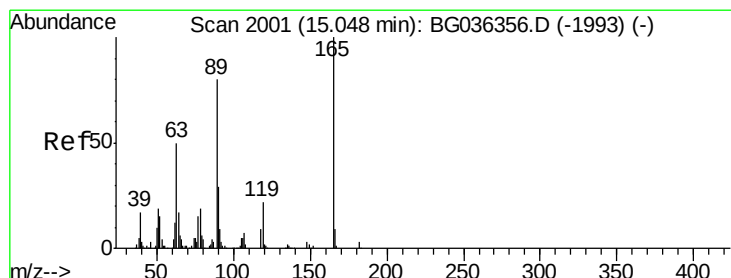
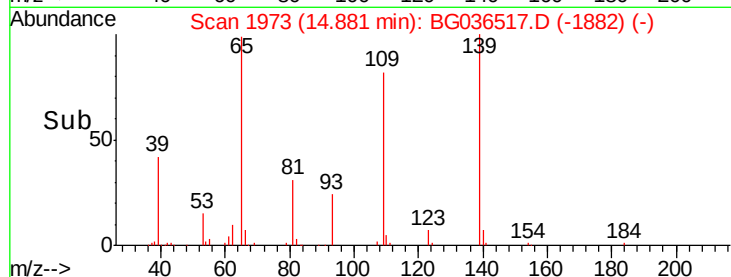
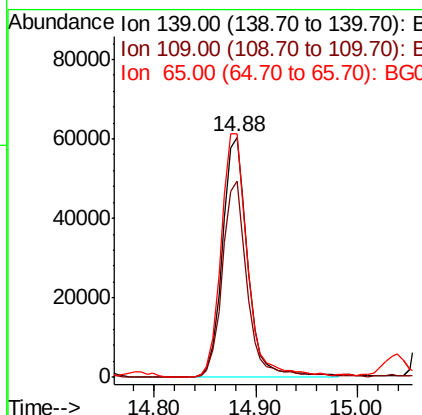
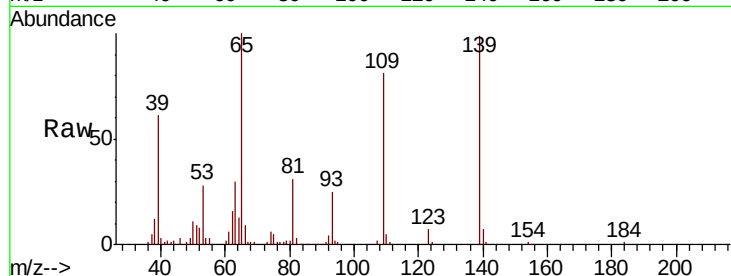




#55  
4-Nitrophenol  
Concen: 39.131 ng  
RT: 14.88 min Scan# 1973  
Delta R.T. 0.00 min  
Lab File: BG036517.D  
Acq: 31 Aug 2018 23:02

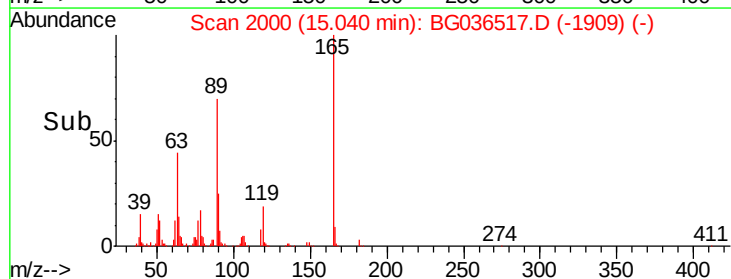
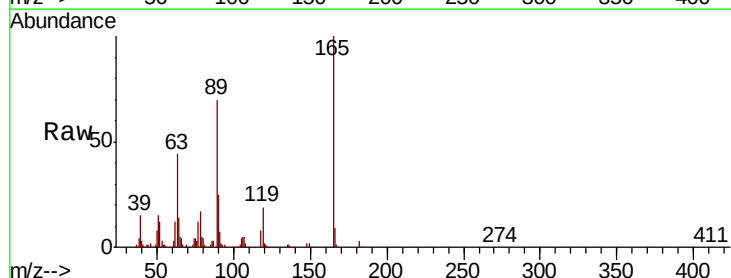
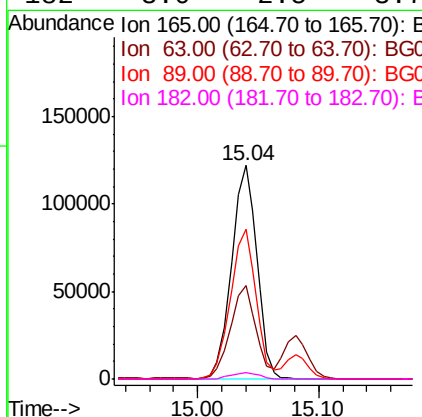
Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 81.9  | 63.9  | 103.9 |
| 65      | 101.3 | 90.0  | 130.0 |

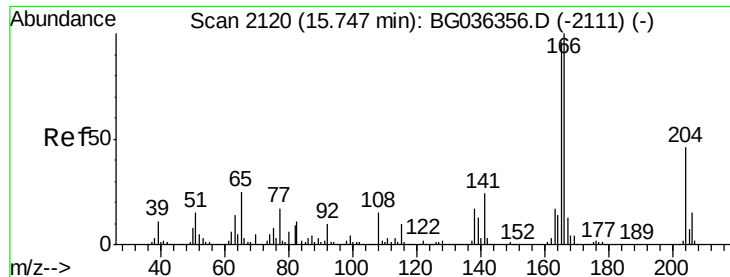


#56  
2,4-Dinitrotoluene  
Concen: 45.131 ng  
RT: 15.04 min Scan# 2000  
Delta R.T. 0.00 min  
Lab File: BG036517.D  
Acq: 31 Aug 2018 23:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 43.9  | 40.1  | 60.1  |
| 89      | 70.1  | 63.7  | 95.5  |
| 182     | 3.0   | 2.5   | 3.7   |



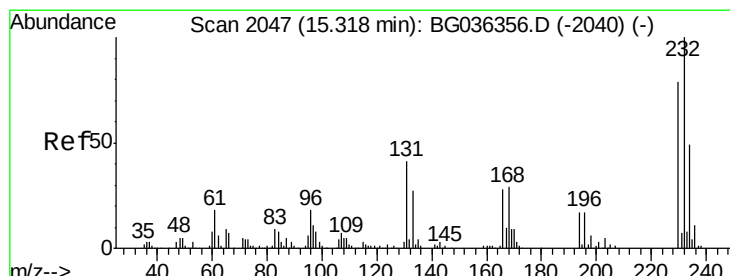
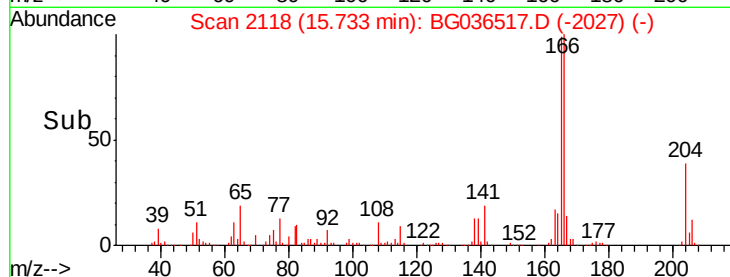
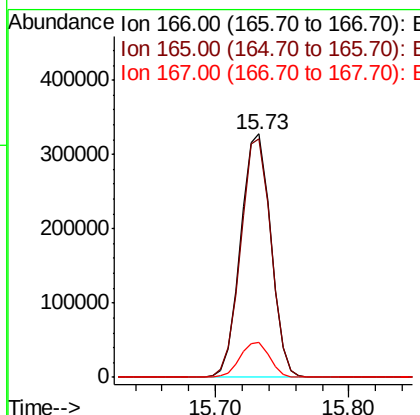
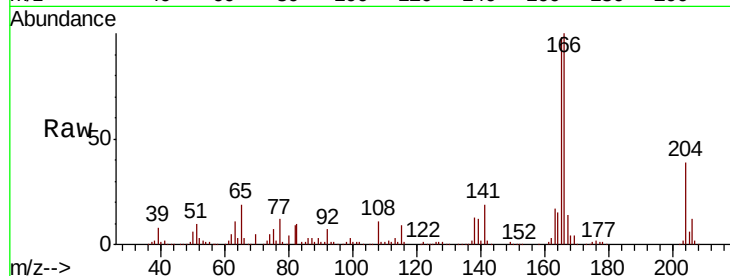




#57  
 Fluorene  
 Concen: 38.007 ng  
 RT: 15.73 min Scan# 2118  
 Delta R.T. 0.00 min  
 Lab File: BG036517.D  
 Acq: 31 Aug 2018 23:02

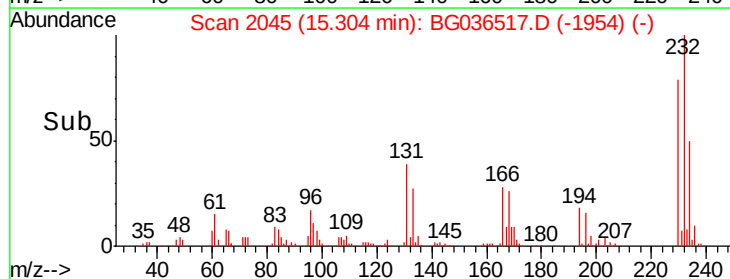
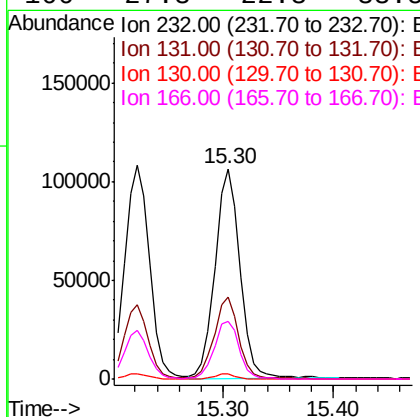
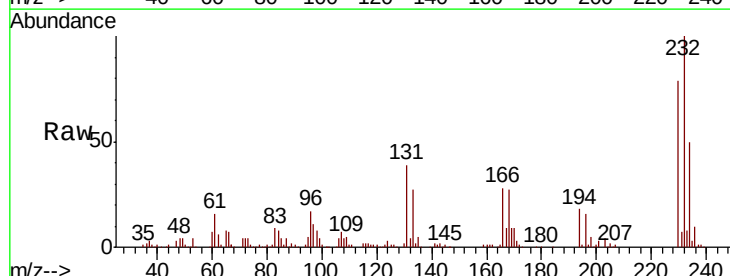
Instrument :  
 BNA\_G  
 ClientSampleId :

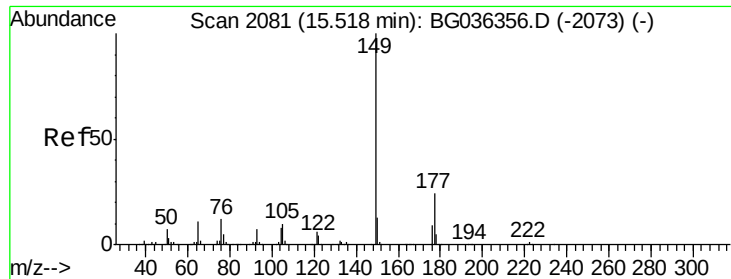
Tot Ion:166 Resp: 509804  
 Ion Ratio Lower Upper  
 166 100  
 165 98.2 77.0 115.4  
 167 14.2 10.6 16.0



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 42.614 ng  
 RT: 15.30 min Scan# 2045  
 Delta R.T. 0.00 min  
 Lab File: BG036517.D  
 Acq: 31 Aug 2018 23:02

Tgt Ion:232 Resp: 166228  
 Ion Ratio Lower Upper  
 232 100  
 131 37.8 33.8 50.8  
 130 2.0 2.1 3.1#  
 166 27.3 22.3 33.5

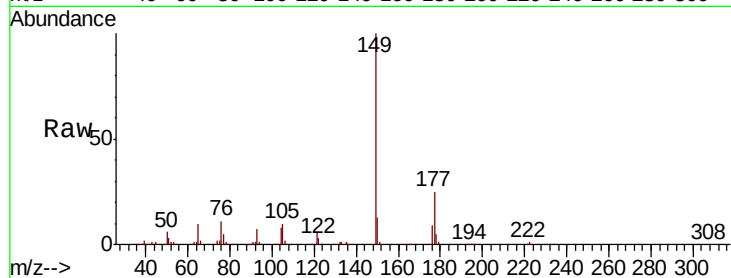




#59  
Diethylphthalate  
Concen: 37.552 ng  
RT: 15.50 min Scan# 2078  
Delta R.T. -0.00 min  
Lab File: BG036517.D  
Acq: 31 Aug 2018 23:02

Instrument :  
BNA\_G  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.6  | 19.1  | 28.7  |
| 150     | 13.1  | 10.7  | 16.1  |

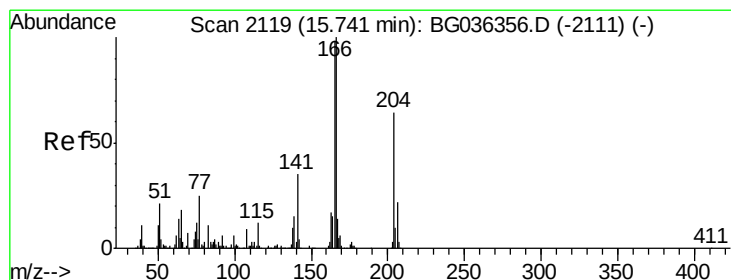
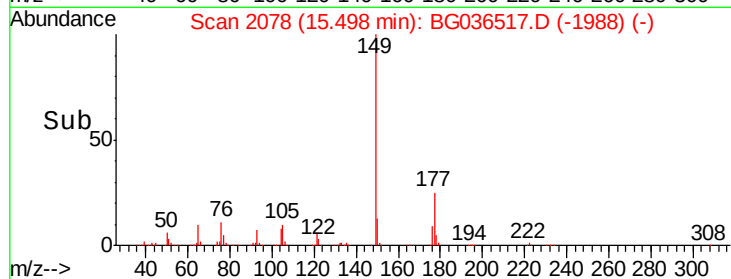
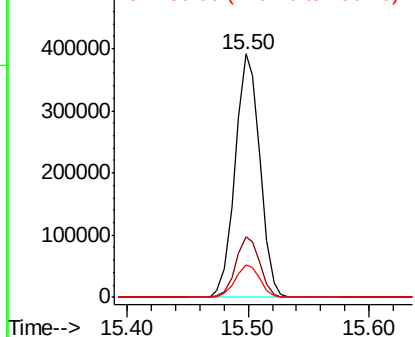


Abundance

Ion 149.00 (148.70 to 149.70): E

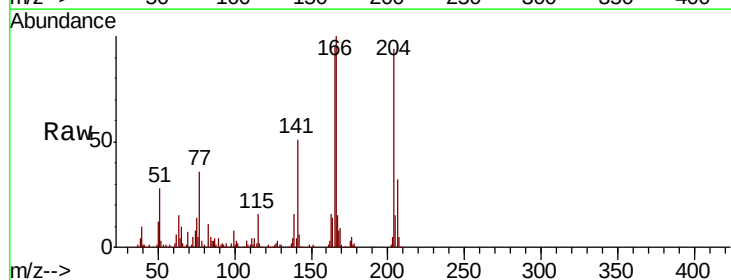
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60  
4-Chlorophenyl-phenylether  
Concen: 39.011 ng  
RT: 15.72 min Scan# 2116  
Delta R.T. -0.00 min  
Lab File: BG036517.D  
Acq: 31 Aug 2018 23:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.7  | 27.0  | 40.4  |
| 141     | 53.6  | 43.8  | 65.6  |

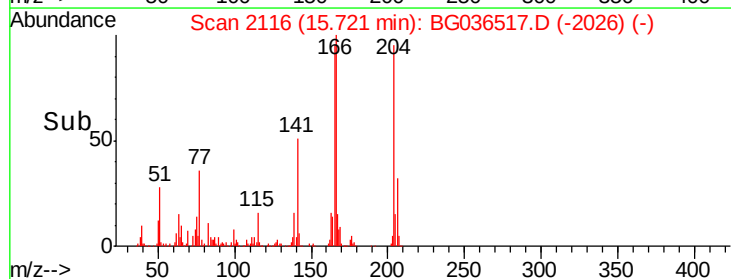
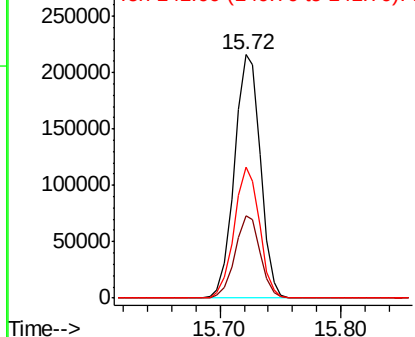


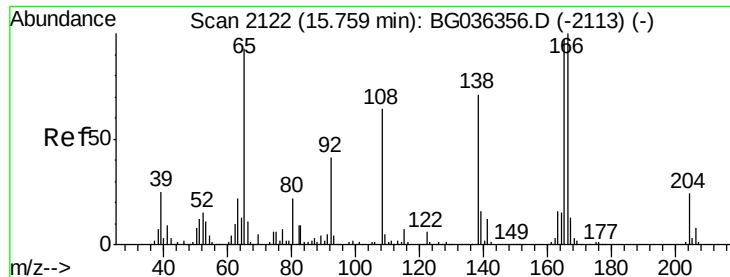
Abundance

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: 42.789 ng

RT: 15.74 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BG036517.D

Acq: 31 Aug 2018 23:02

Instrument :

BNA\_G

ClientSampleId :

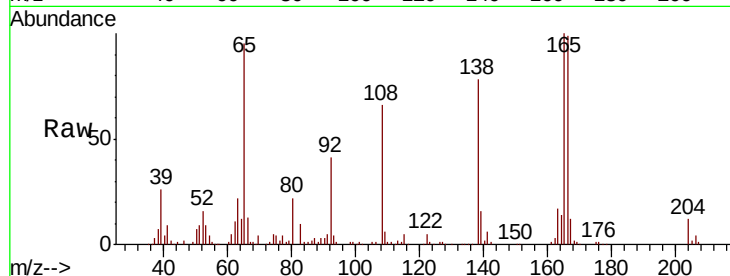
Tot Ion:138 Resp: 146396

Ion Ratio Lower Upper

138 100

92 52.9 38.5 78.5

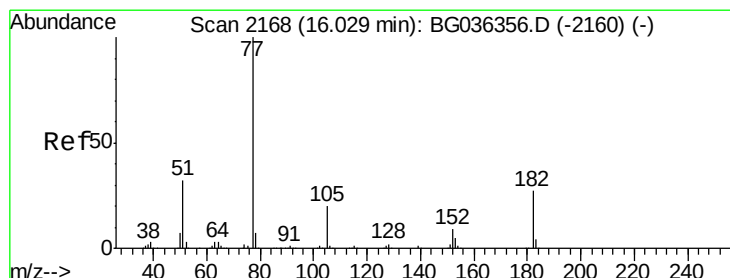
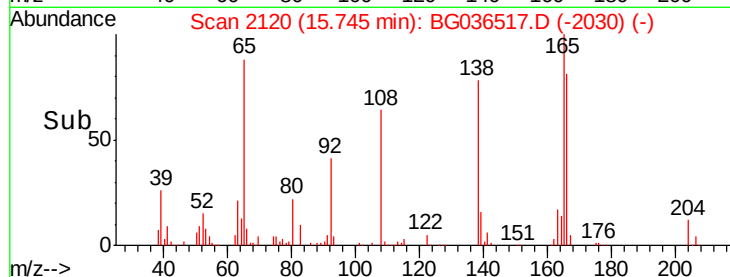
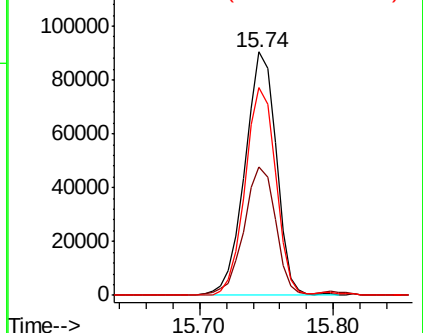
108 85.4 70.3 110.3



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: 35.525 ng

RT: 16.01 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BG036517.D

Acq: 31 Aug 2018 23:02

Tgt Ion: 77 Resp: 537102

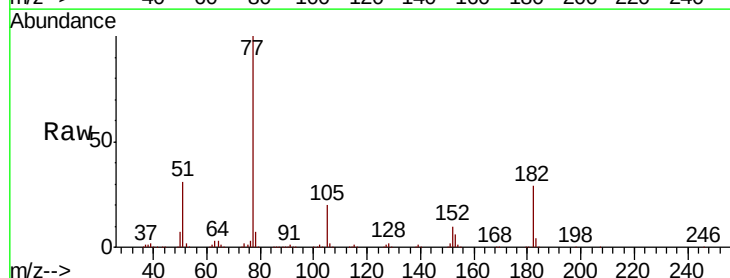
Ion Ratio Lower Upper

77 100

182 29.2 6.7 46.7

105 19.9 0.0 39.8

51 31.2 12.4 52.4

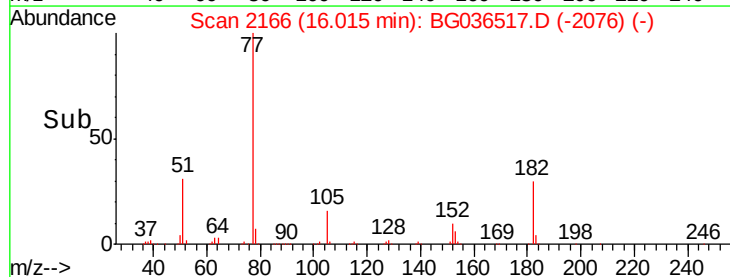
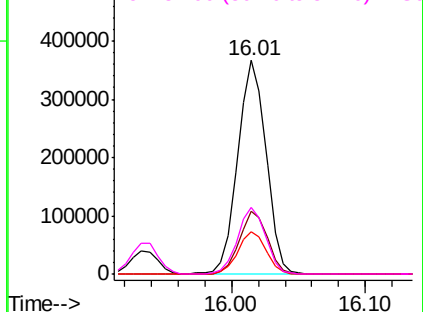


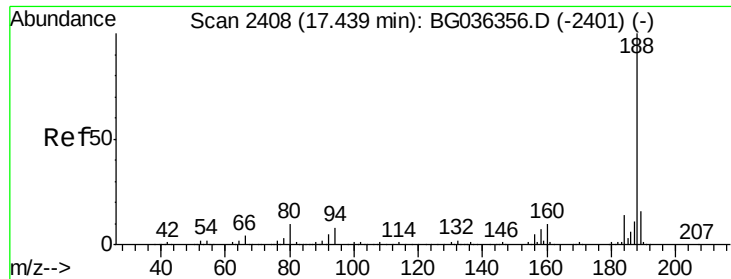
Abundance Ion 77.00 (76.70 to 77.70): BG

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

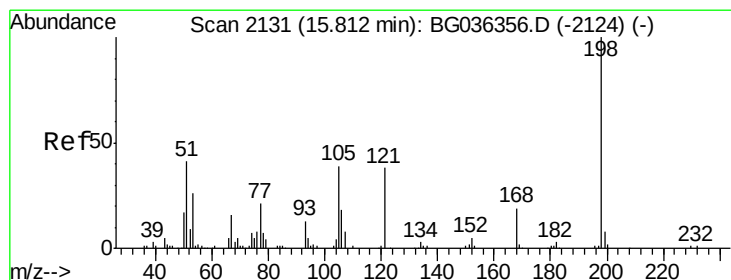
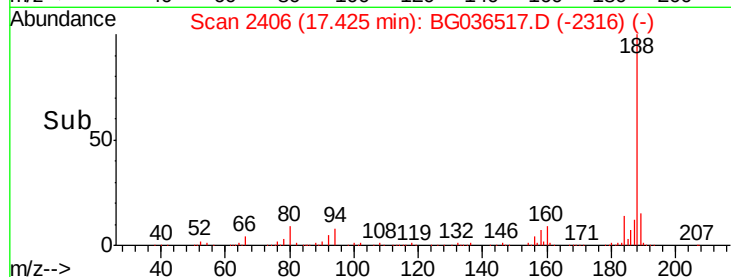
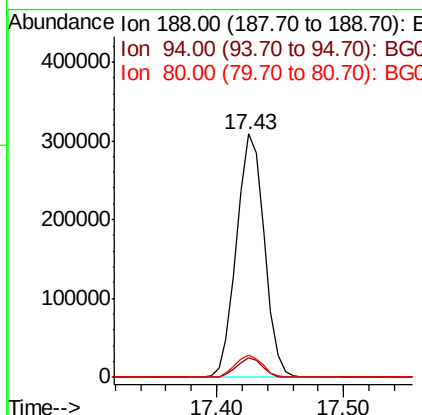
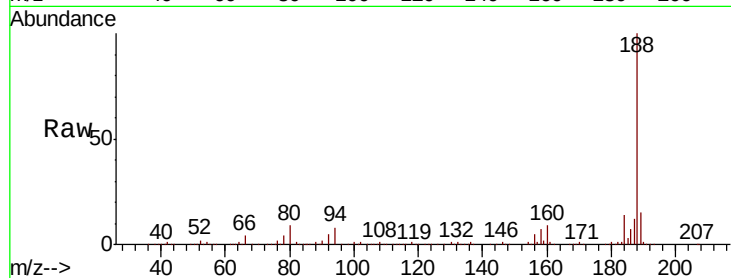




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.43 min Scan# 2406  
Delta R.T. -0.00 min  
Lab File: BG036517.D  
Acq: 31 Aug 2018 23:02

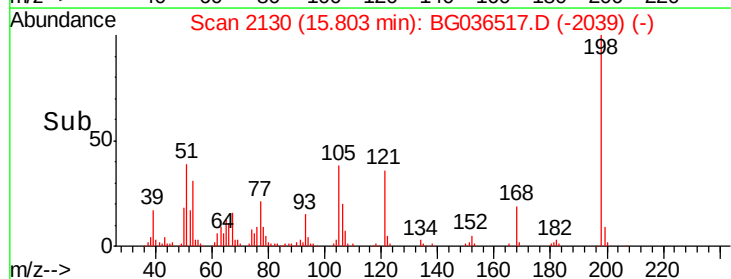
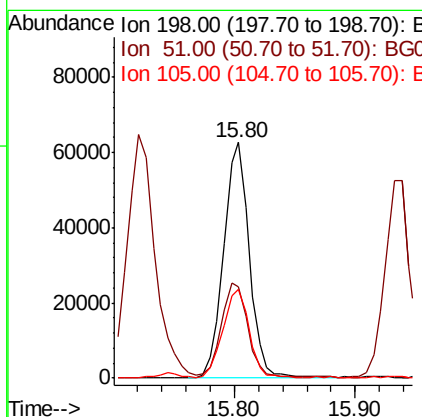
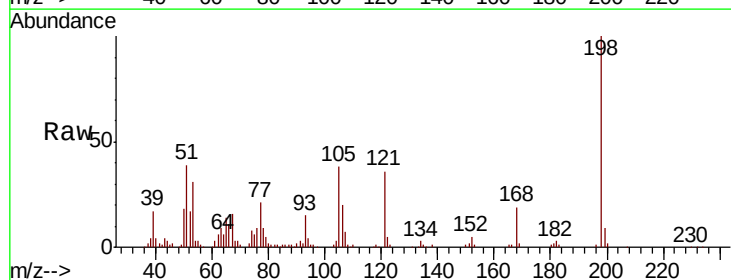
Instrument :  
BNA\_G  
ClientSampleId :

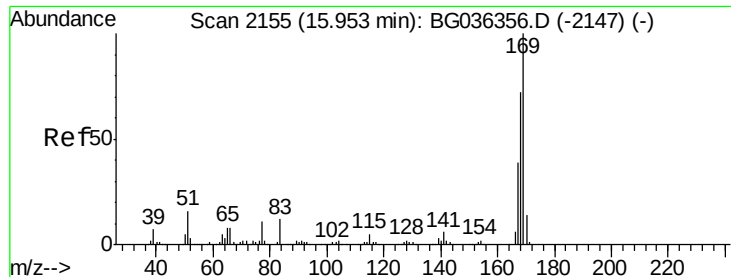
Tot Ion:188 Resp: 466321  
Ion Ratio Lower Upper  
188 100  
94 8.3 6.7 10.1  
80 9.2 8.1 12.1



#64  
4,6-Dinitro-2-methylphenol  
Concen: 45.093 ng  
RT: 15.80 min Scan# 2130  
Delta R.T. 0.00 min  
Lab File: BG036517.D  
Acq: 31 Aug 2018 23:02

Tgt Ion:198 Resp: 92372  
Ion Ratio Lower Upper  
198 100  
51 38.9 26.5 66.5  
105 37.7 20.2 60.2

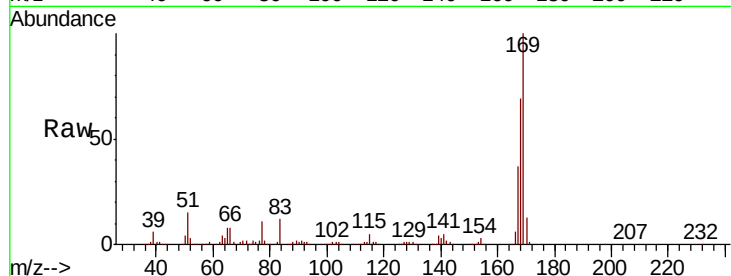




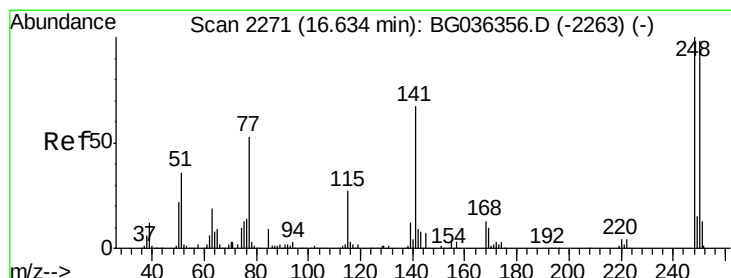
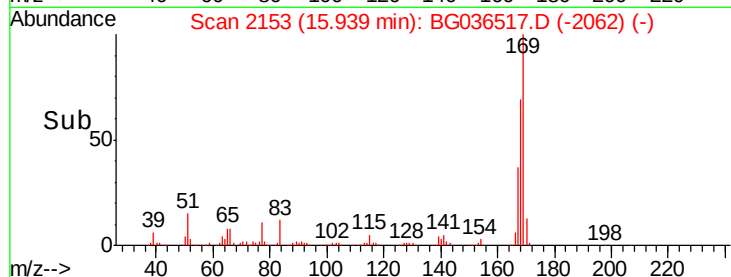
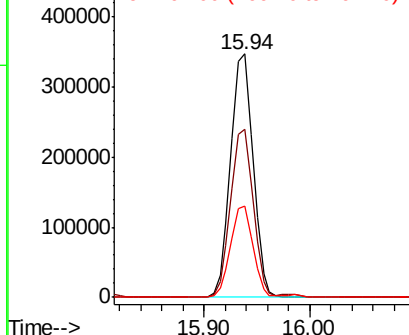
#65  
 n-Nitrosodiphenylamine  
 Concen: 36.878 ng  
 RT: 15.94 min Scan# 2153  
 Delta R.T. 0.00 min  
 Lab File: BG036517.D  
 Acq: 31 Aug 2018 23:02

Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 69.2  | 57.6  | 86.4  |
| 167     | 37.3  | 31.0  | 46.4  |

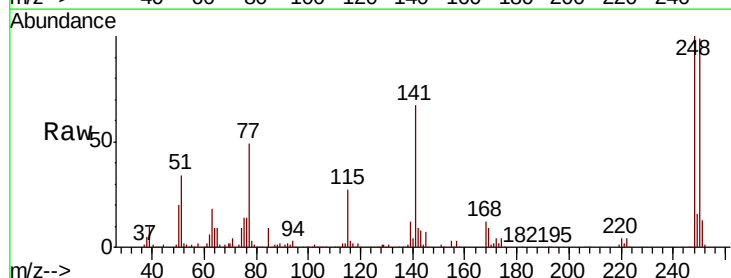


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

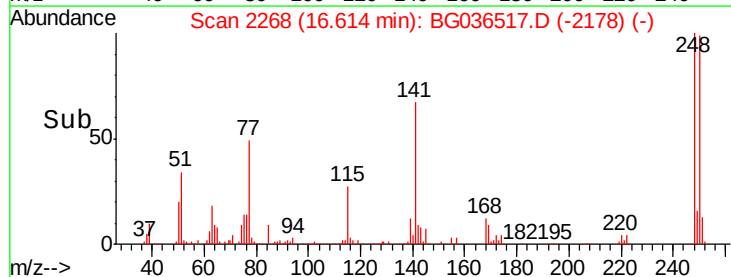
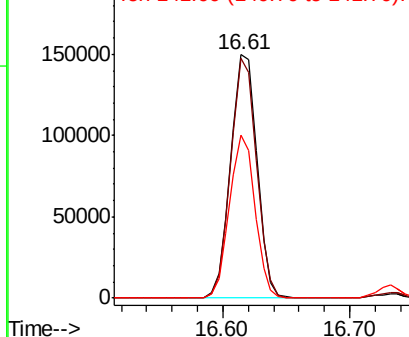


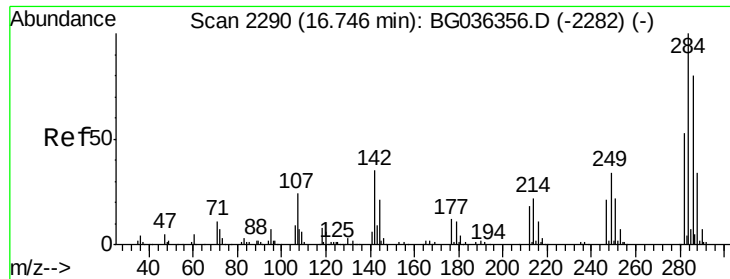
#66  
 4-Bromophenyl-phenylether  
 Concen: 39.225 ng  
 RT: 16.61 min Scan# 2268  
 Delta R.T. -0.00 min  
 Lab File: BG036517.D  
 Acq: 31 Aug 2018 23:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.7  | 78.1  | 117.1 |
| 141     | 67.1  | 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: 38.440 ng

RT: 16.73 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BG036517.D

Acq: 31 Aug 2018 23:02

Instrument :

BNA\_G

ClientSampleId :

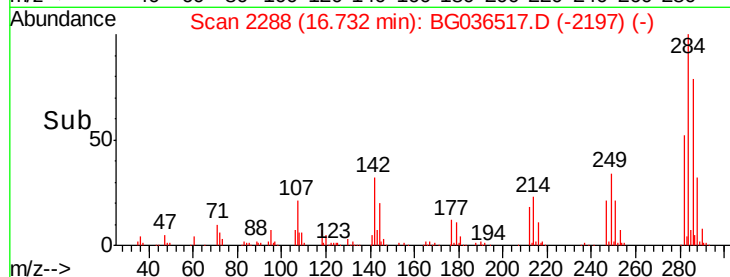
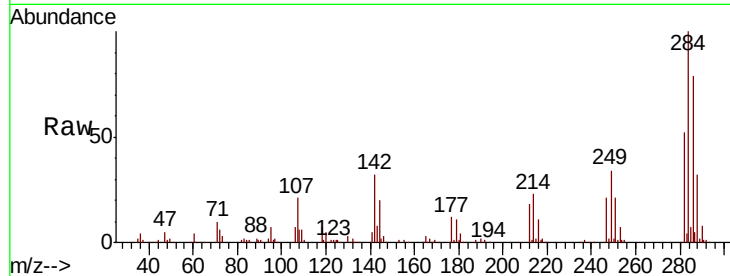
Tot Ion:284 Resp: 214601

Ion Ratio Lower Upper

284 100

142 31.7 27.8 41.6

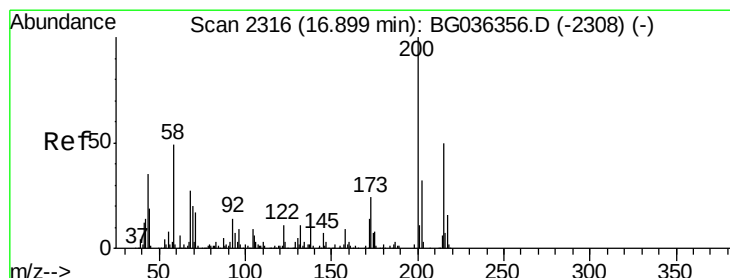
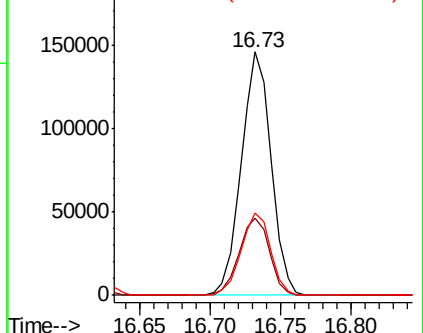
249 33.9 27.4 41.2



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: 35.045 ng

RT: 16.88 min Scan# 2313

Delta R.T. -0.00 min

Lab File: BG036517.D

Acq: 31 Aug 2018 23:02

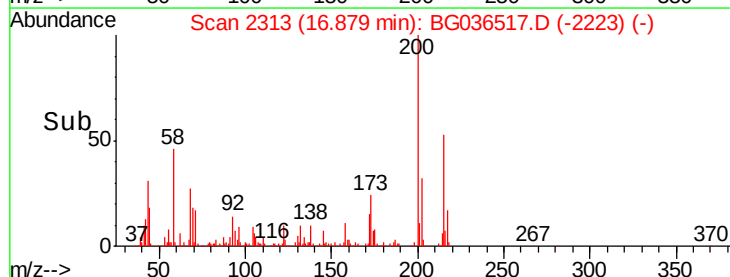
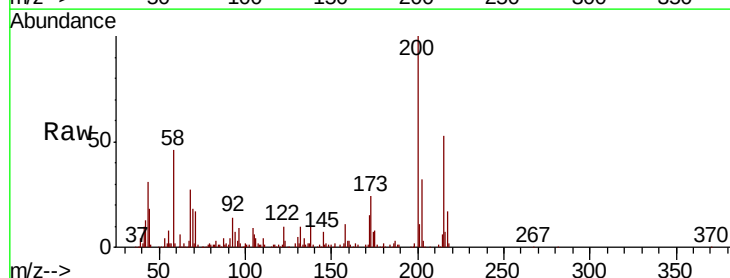
Tgt Ion:200 Resp: 182265

Ion Ratio Lower Upper

200 100

173 23.8 3.9 43.9

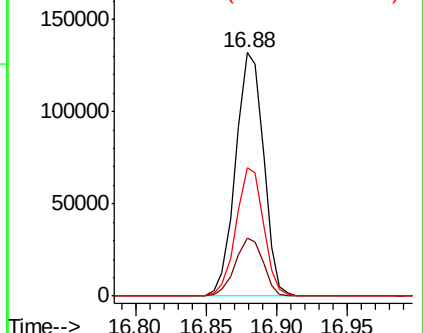
215 52.5 30.4 70.4

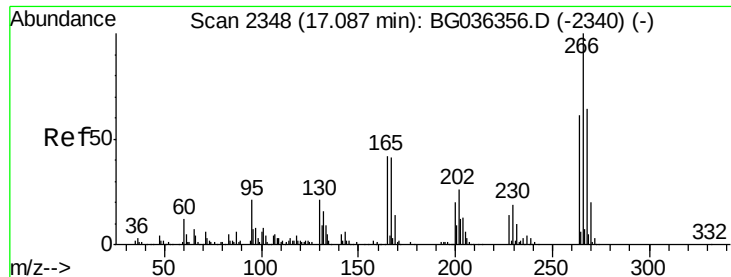


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

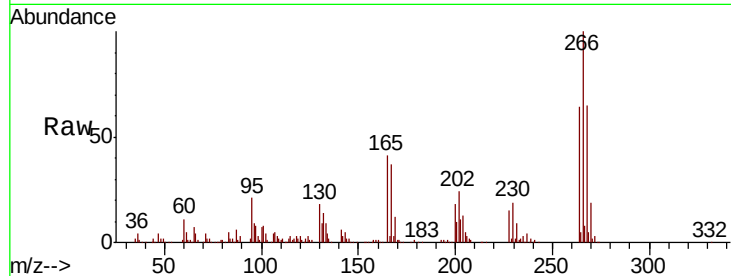




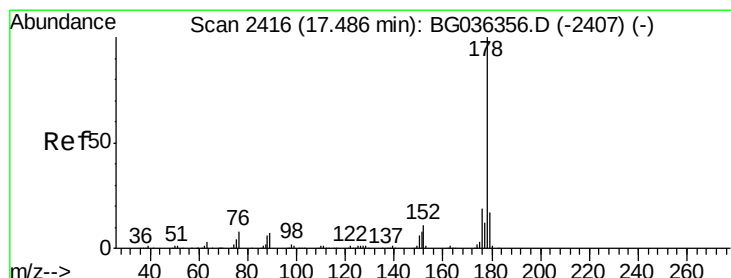
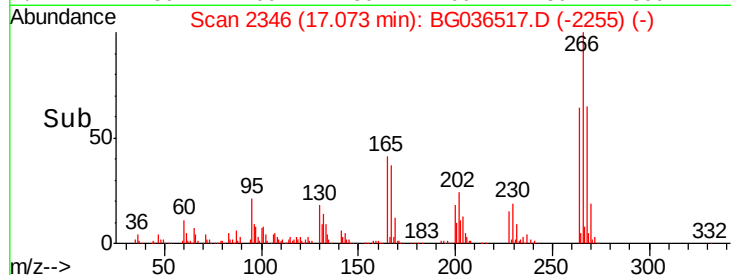
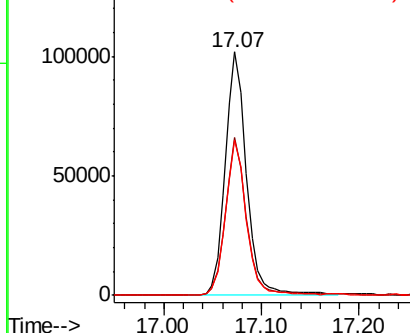
#69  
 Pentachlorophenol  
 Concen: 40.783 ng  
 RT: 17.07 min Scan# 2346  
 Delta R.T. 0.00 min  
 Lab File: BG036517.D  
 Acq: 31 Aug 2018 23:02

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:266 Resp: 154741  
 Ion Ratio Lower Upper  
 266 100  
 268 65.0 51.4 77.2  
 264 63.7 48.9 73.3

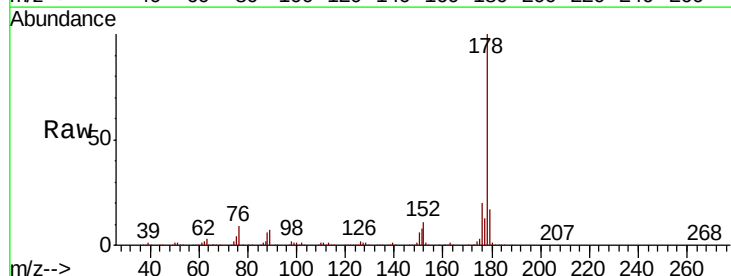


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

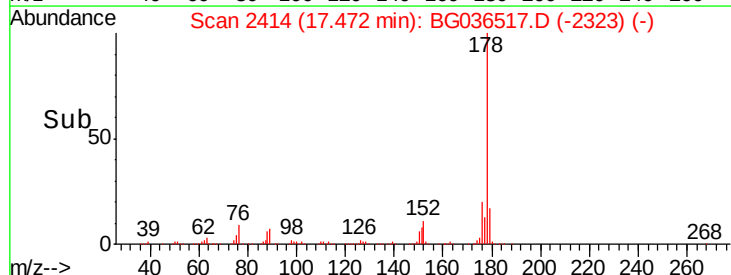
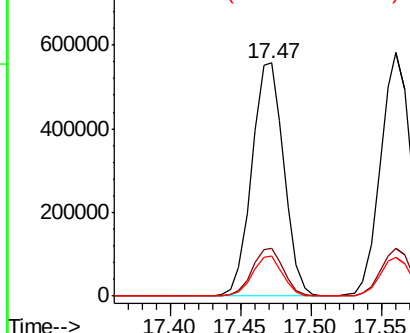


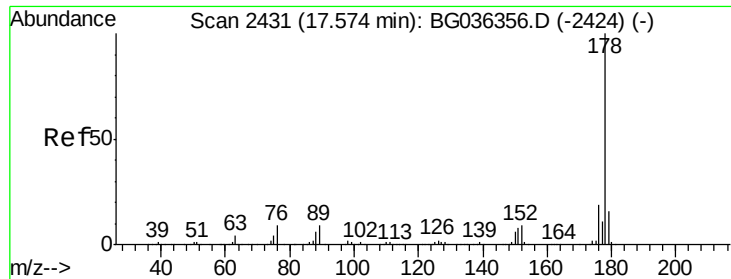
#70  
 Phenanthrene  
 Concen: 37.510 ng  
 RT: 17.47 min Scan# 2414  
 Delta R.T. 0.00 min  
 Lab File: BG036517.D  
 Acq: 31 Aug 2018 23:02

Tgt Ion:178 Resp: 888802  
 Ion Ratio Lower Upper  
 178 100  
 176 20.4 15.4 23.2  
 179 17.0 13.4 20.2



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

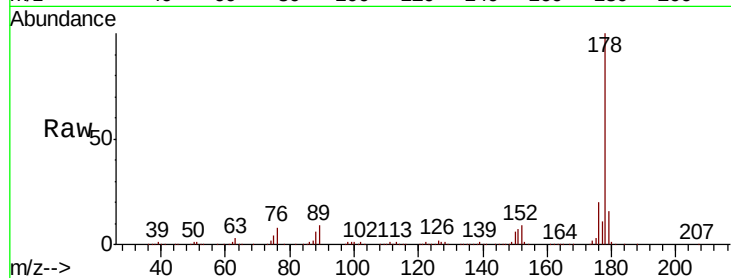




#71  
 Anthracene  
 Concen: 37.240 ng  
 RT: 17.56 min Scan# 2429  
 Delta R.T. 0.00 min  
 Lab File: BG036517.D  
 Acq: 31 Aug 2018 23:02

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.6  | 15.4  | 23.2  |
| 179     | 16.0  | 13.0  | 19.4  |

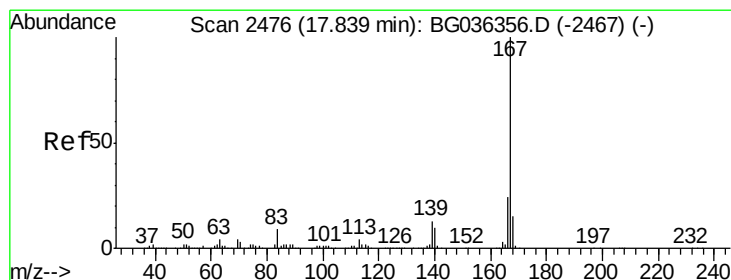
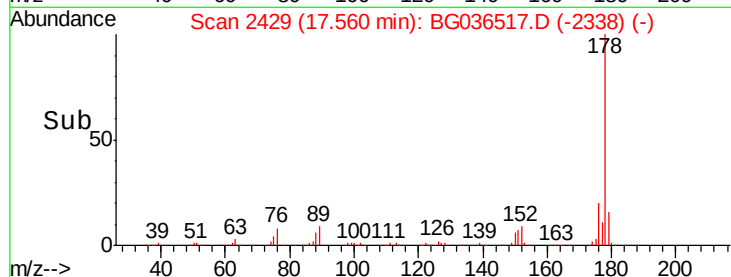
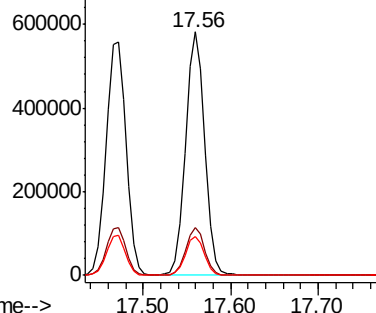


Abundance

Ion 178.00 (177.70 to 178.70): E

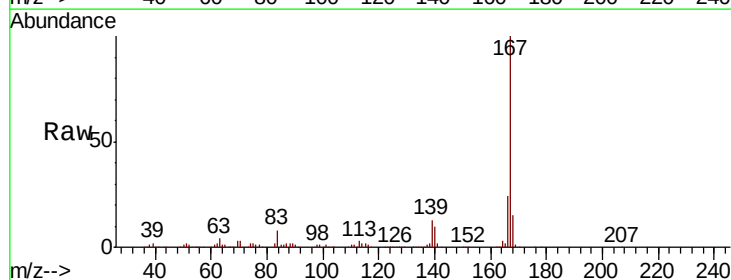
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72  
 Carbazole  
 Concen: 37.069 ng  
 RT: 17.82 min Scan# 2474  
 Delta R.T. -0.00 min  
 Lab File: BG036517.D  
 Acq: 31 Aug 2018 23:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.5  | 19.5  | 29.3  |
| 139     | 13.1  | 10.7  | 16.1  |

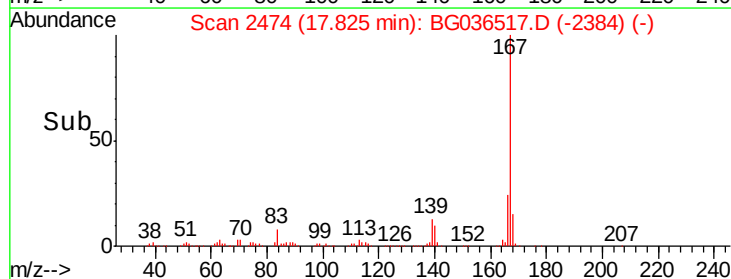
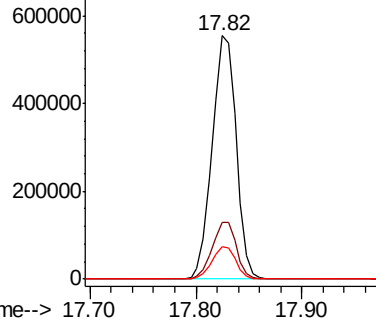


Abundance

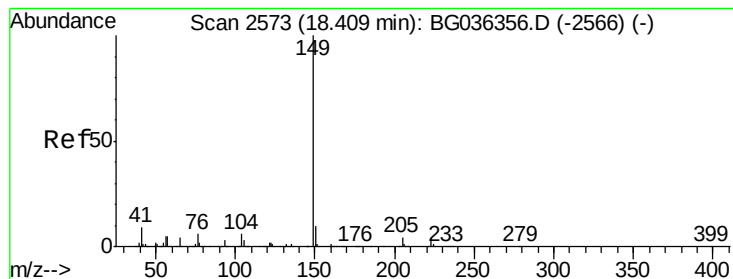
Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E







#73

Di-n-butylphthalate

Concen: 36.704 ng

RT: 18.39 min Scan# 2570

Delta R.T. 0.00 min

Lab File: BG036517.D

Acq: 31 Aug 2018 23:02

Instrument :

BNA\_G

ClientSampleId :

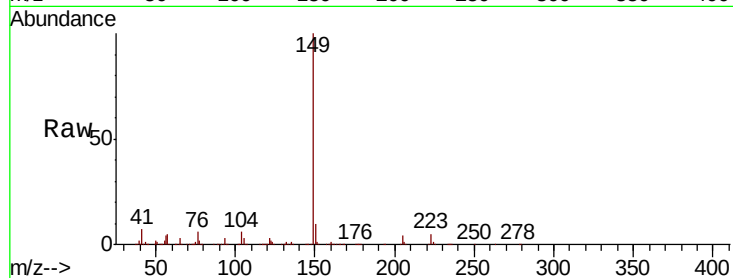
Tot Ion:149 Resp: 964130

Ion Ratio Lower Upper

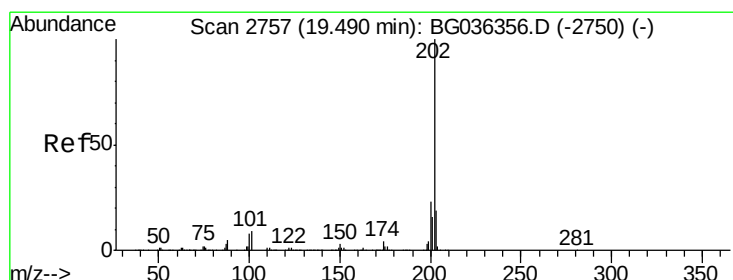
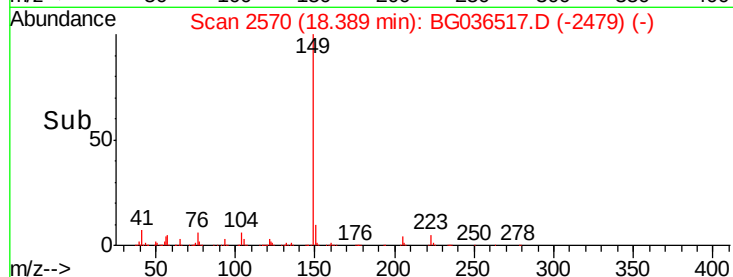
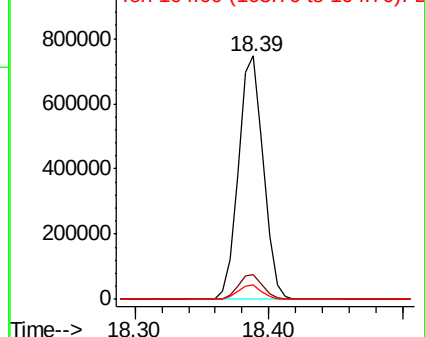
149 100

150 10.3 8.1 12.1

104 5.8 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E  
1000000 Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.655 ng

RT: 19.48 min Scan# 2755

Delta R.T. 0.00 min

Lab File: BG036517.D

Acq: 31 Aug 2018 23:02

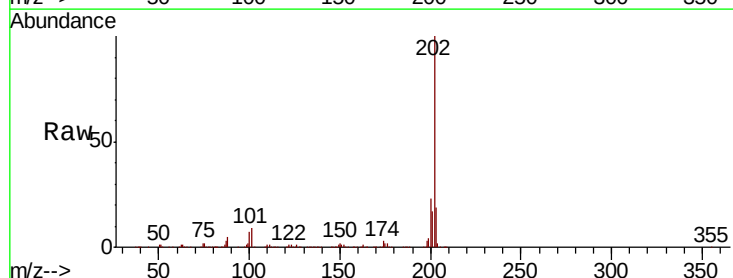
Tgt Ion:202 Resp: 1087820

Ion Ratio Lower Upper

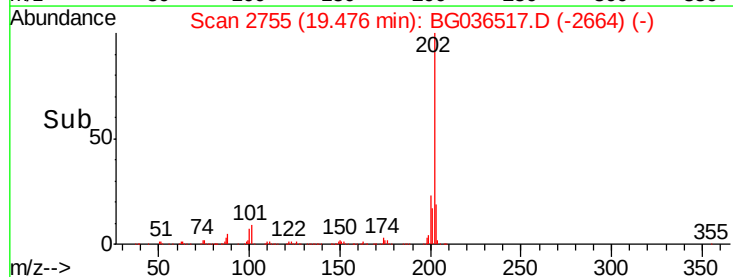
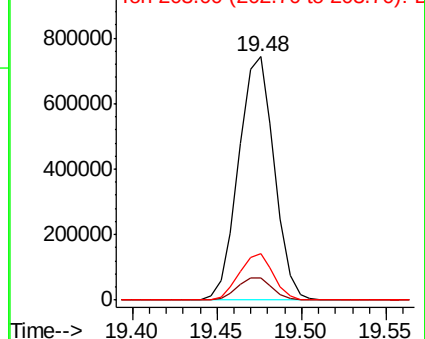
202 100

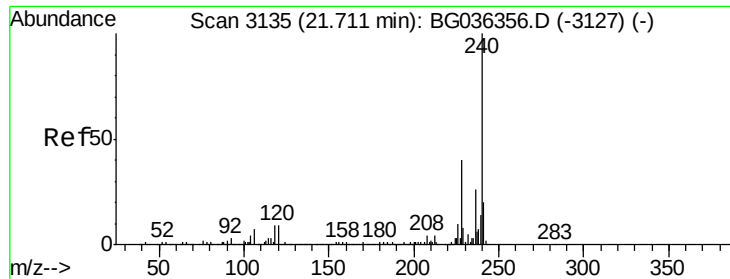
101 8.9 0.0 29.4

203 18.9 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E  
1000000 Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E

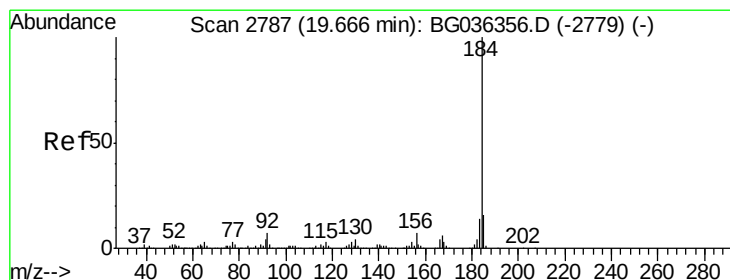
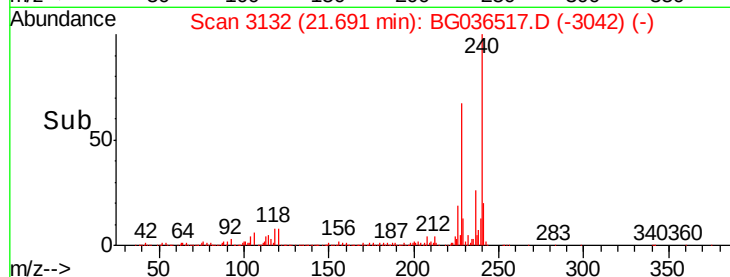
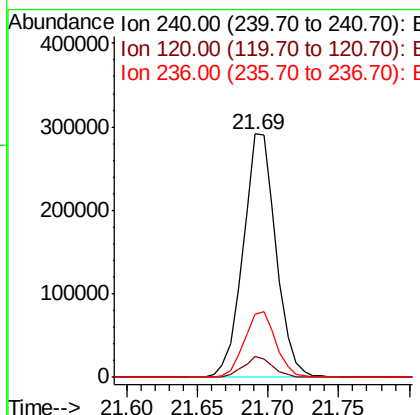
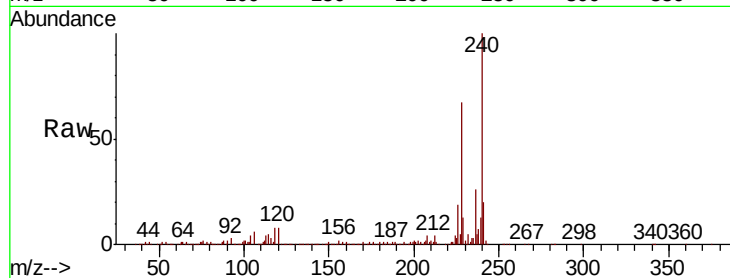




#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.69 min Scan# 3132  
Delta R.T. -0.00 min  
Lab File: BG036517.D  
Acq: 31 Aug 2018 23:02

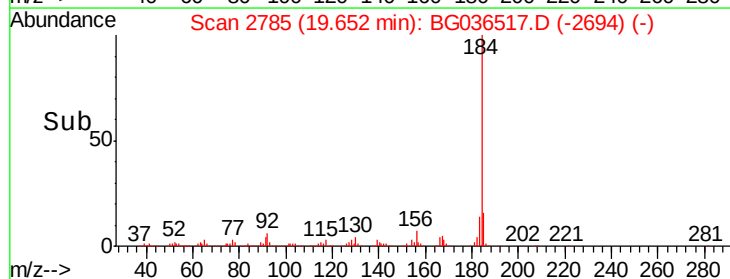
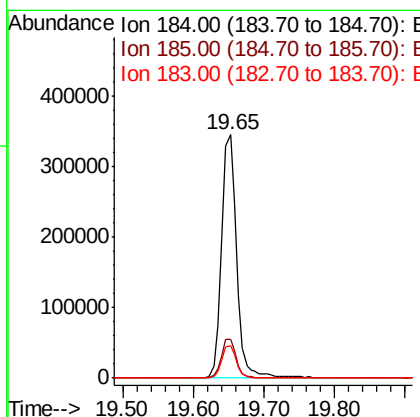
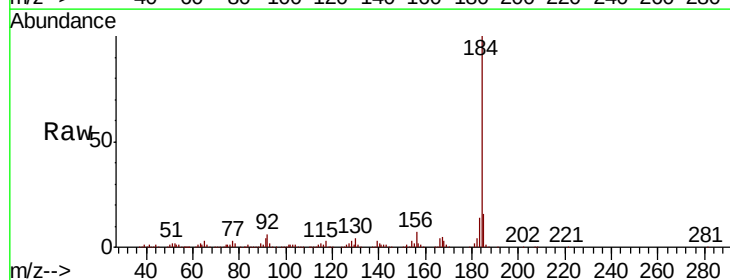
Instrument :  
BNA\_G  
ClientSampleId :

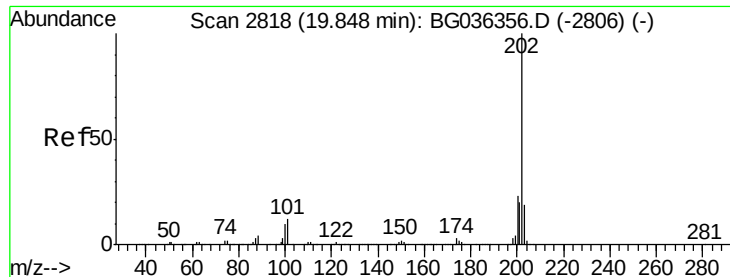
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 8.5   | 6.9   | 10.3  |
| 236     | 26.0  | 21.2  | 31.8  |



#76  
Benzidine  
Concen: 34.010 ng  
RT: 19.65 min Scan# 2785  
Delta R.T. 0.00 min  
Lab File: BG036517.D  
Acq: 31 Aug 2018 23:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 16.1  | 12.6  | 18.8  |
| 183     | 13.5  | 10.9  | 16.3  |

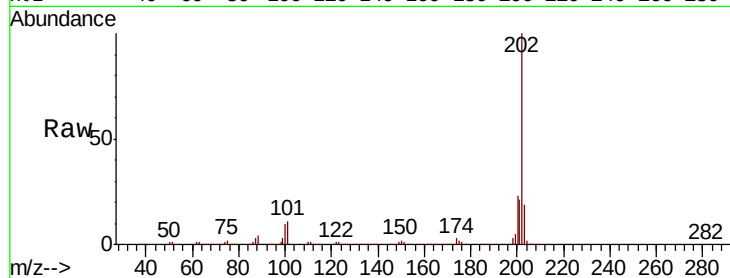




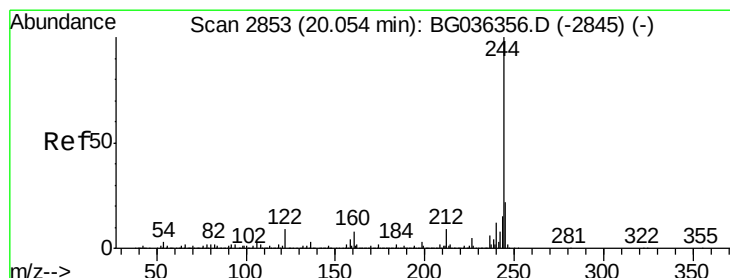
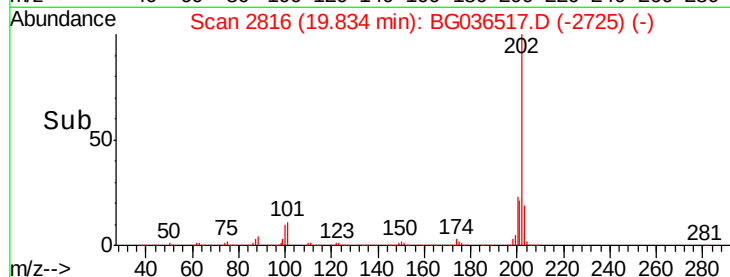
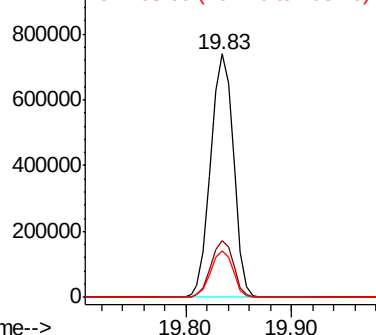
#77  
Pvrene  
Concen: 37.931 ng  
RT: 19.83 min Scan# 2816  
Delta R.T. 0.00 min  
Lab File: BG036517.D  
Acq: 31 Aug 2018 23:02

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:202 Resp: 1106551  
Ion Ratio Lower Upper  
202 100  
200 23.3 18.3 27.5  
203 19.0 15.1 22.7

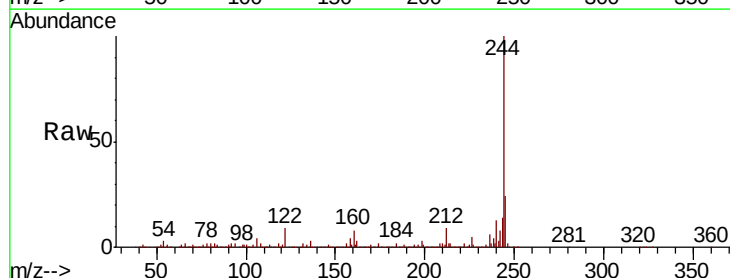


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E

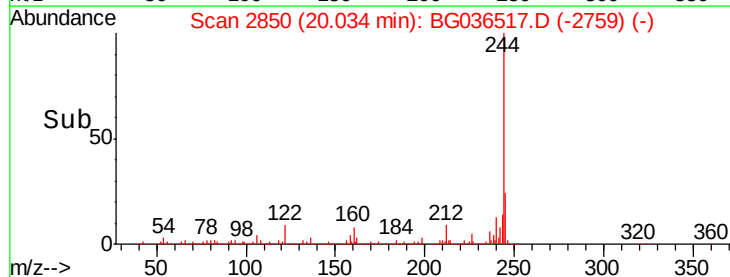
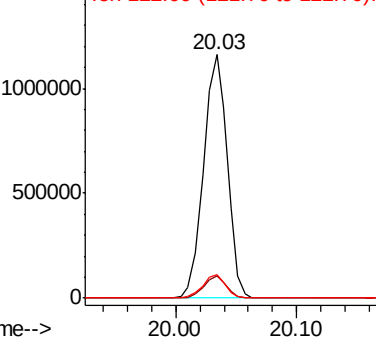


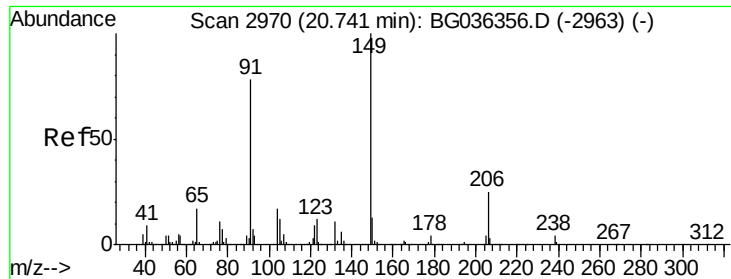
#78  
Terphenyl-d14  
Concen: 78.287 ng  
RT: 20.03 min Scan# 2850  
Delta R.T. 0.00 min  
Lab File: BG036517.D  
Acq: 31 Aug 2018 23:02

Tgt Ion:244 Resp: 1588947  
Ion Ratio Lower Upper  
244 100  
212 9.3 7.0 10.6  
122 9.4 7.1 10.7



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

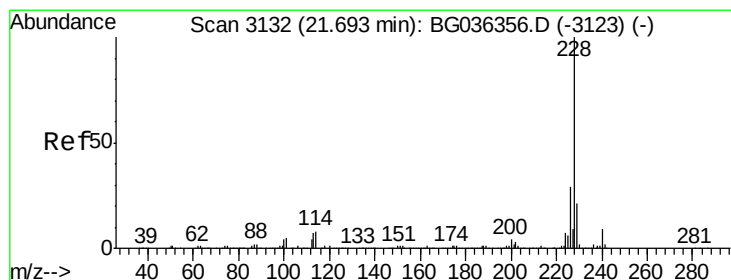
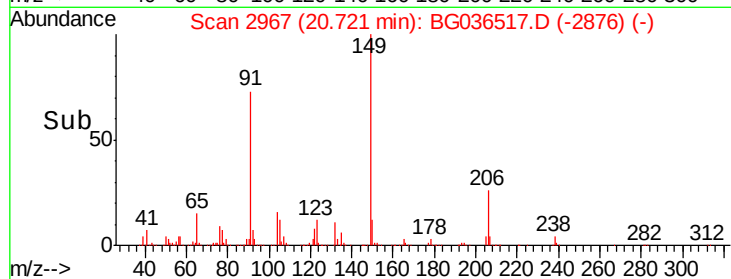
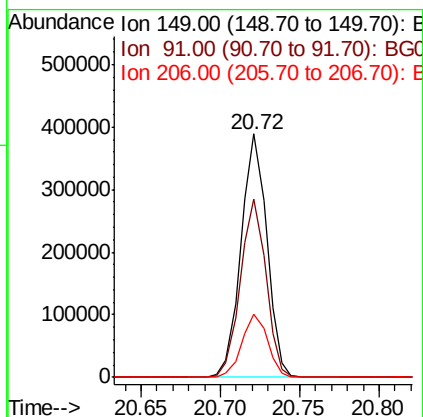
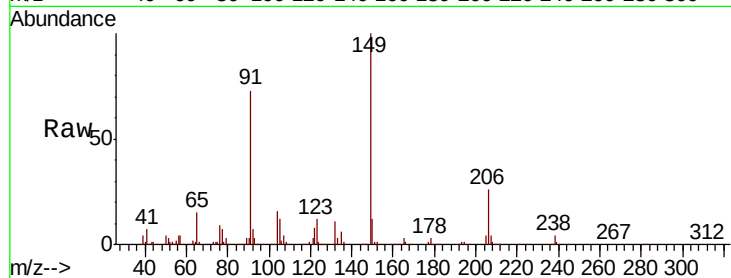




#79  
Butylbenzylphthalate  
Concen: 37.891 ng  
RT: 20.72 min Scan# 2967  
Delta R.T. 0.00 min  
Lab File: BG036517.D  
Acq: 31 Aug 2018 23:02

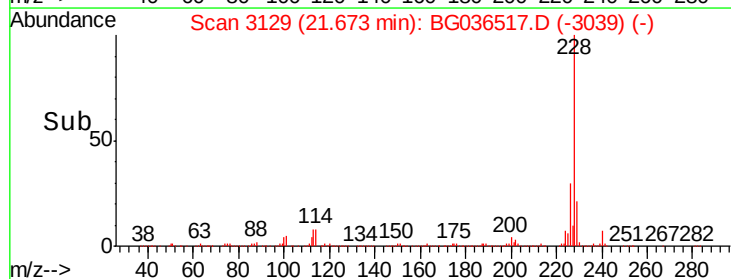
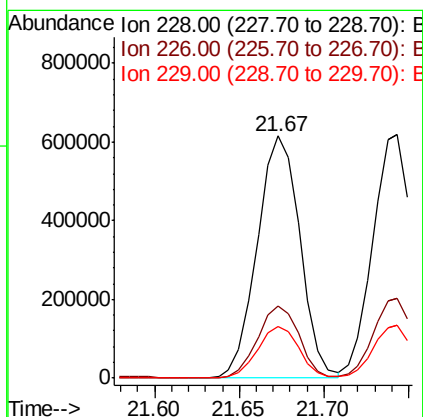
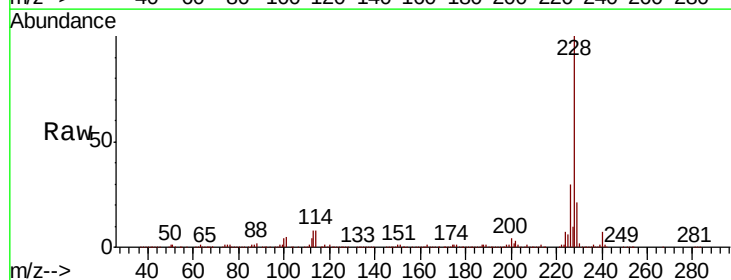
Instrument :  
BNA\_G  
ClientSampled :

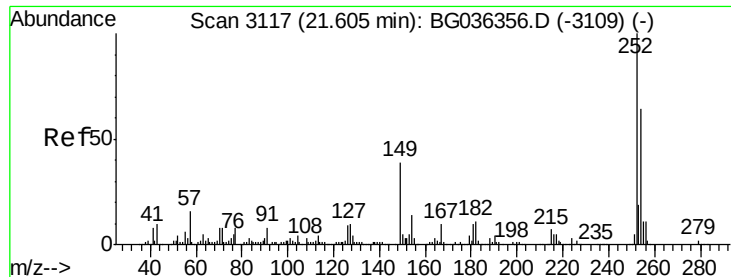
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 73.3  | 62.0  | 93.0  |
| 206     | 25.7  | 19.6  | 29.4  |



#80  
Benzo(a)anthracene  
Concen: 37.694 ng  
RT: 21.67 min Scan# 3129  
Delta R.T. -0.00 min  
Lab File: BG036517.D  
Acq: 31 Aug 2018 23:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.9  | 23.4  | 35.2  |
| 229     | 21.4  | 17.1  | 25.7  |

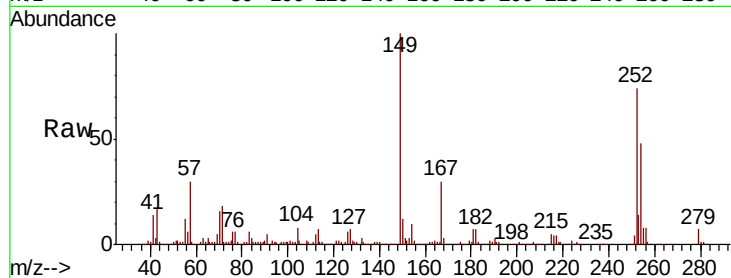




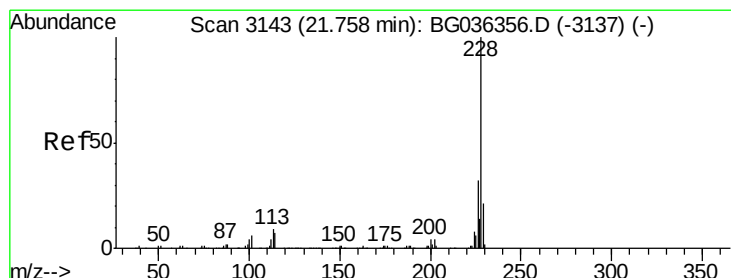
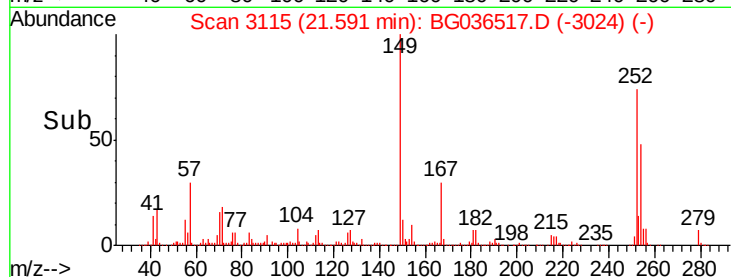
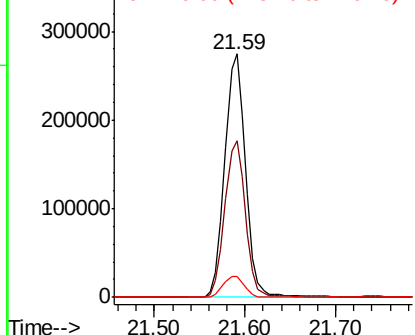
#81  
 3,3'-Dichlorobenzidine  
 Concen: 38.013 ng  
 RT: 21.59 min Scan# 3115  
 Delta R.T. 0.00 min  
 Lab File: BG036517.D  
 Acq: 31 Aug 2018 23:02

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:252 Resp: 435401  
 Ion Ratio Lower Upper  
 252 100  
 254 64.3 51.0 76.4  
 126 8.4 7.4 11.0

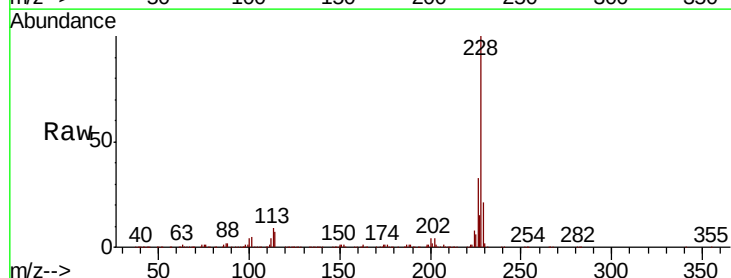


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

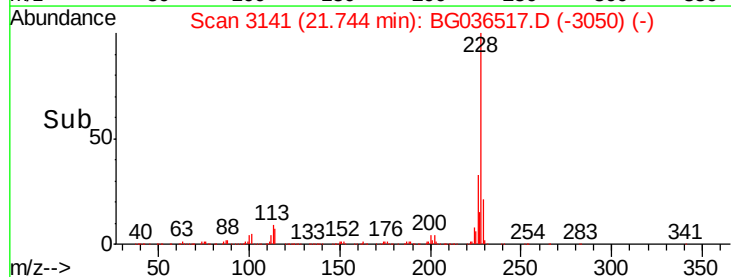
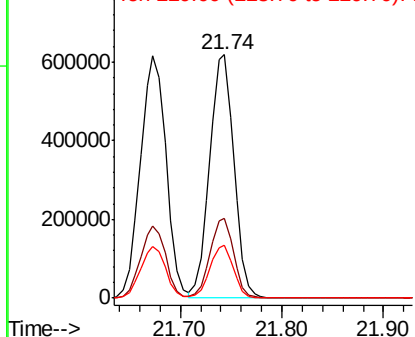


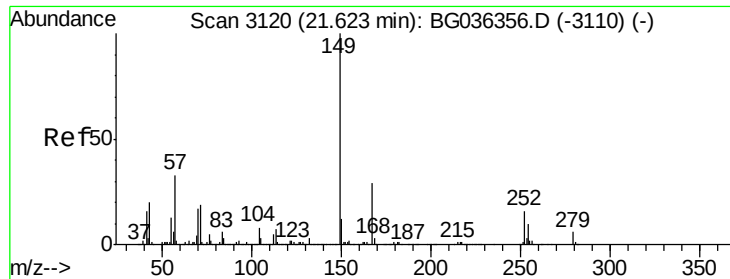
#82  
 Chrysene  
 Concen: 37.737 ng  
 RT: 21.74 min Scan# 3141  
 Delta R.T. 0.00 min  
 Lab File: BG036517.D  
 Acq: 31 Aug 2018 23:02

Tgt Ion:228 Resp: 1028009  
 Ion Ratio Lower Upper  
 228 100  
 226 32.9 25.5 38.3  
 229 21.5 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E  
 Ion 226.00 (225.70 to 226.70): E  
 Ion 229.00 (228.70 to 229.70): E

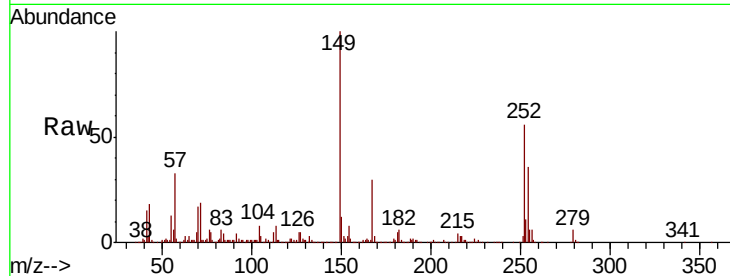




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 37.228 ng  
 RT: 21.58 min Scan# 3114  
 Delta R.T. -0.00 min  
 Lab File: BG036517.D  
 Acq: 31 Aug 2018 23:02

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 29.9  | 23.4  | 35.0  |
| 279     | 5.8   | 4.6   | 7.0   |

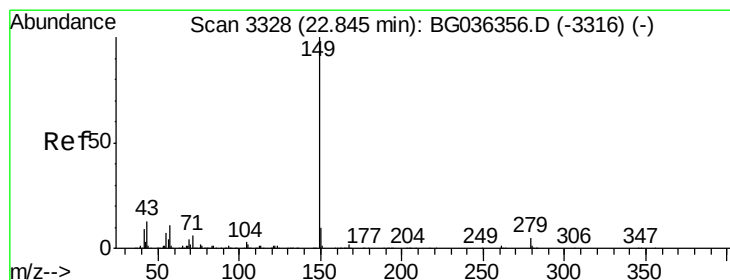
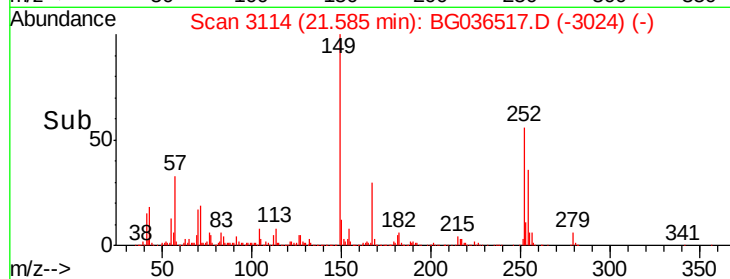
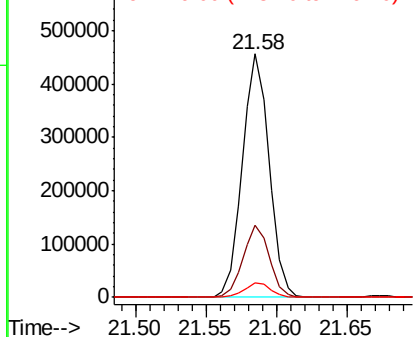


Abundance

Ion 149.00 (148.70 to 149.70): E

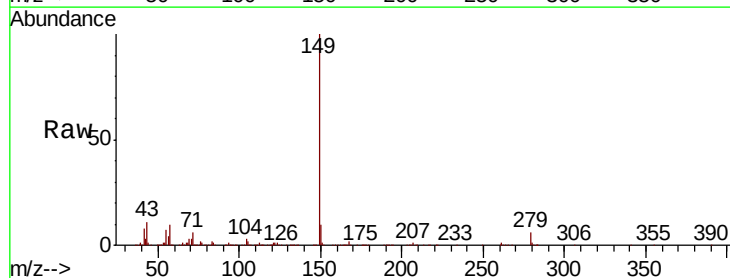
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84  
 Di-n-octyl phthalate  
 Concen: 37.664 ng  
 RT: 22.80 min Scan# 3321  
 Delta R.T. 0.00 min  
 Lab File: BG036517.D  
 Acq: 31 Aug 2018 23:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.7   | 1.3   | 1.9   |
| 43      | 10.9  | 10.0  | 15.0  |

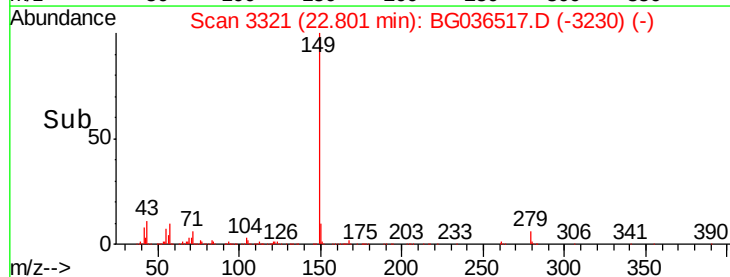
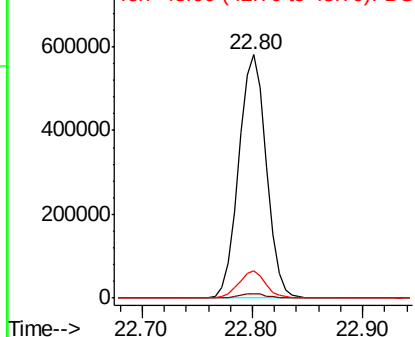


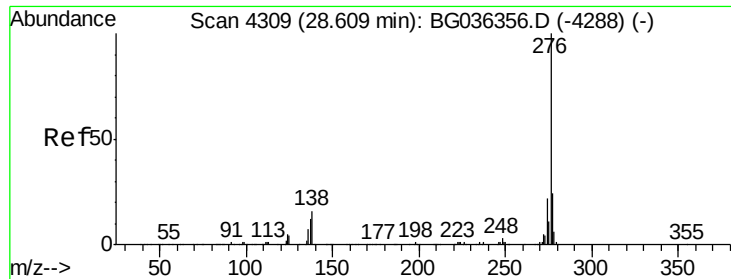
Abundance

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: 37.040 ng

RT: 28.55 min Scan# 4300

Delta R.T. -0.00 min

Lab File: BG036517.D

Acq: 31 Aug 2018 23:02

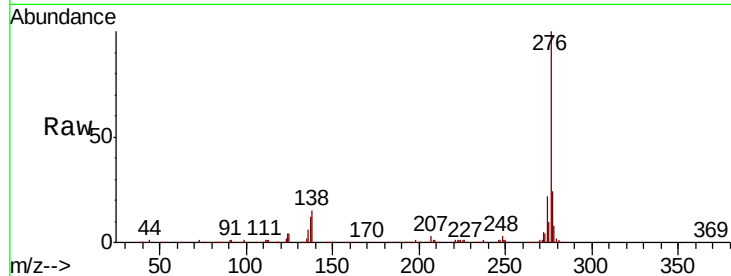
Instrument :

BNA\_G

ClientSampled :

Tot Ion:276 Resp: 1171960

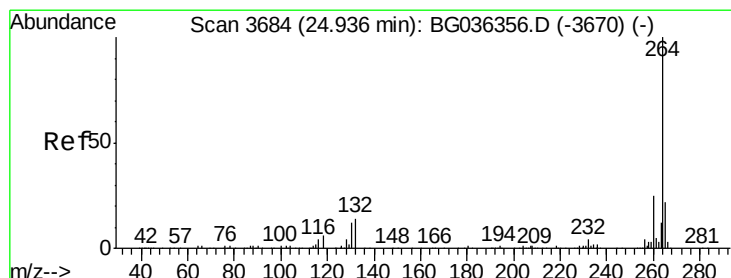
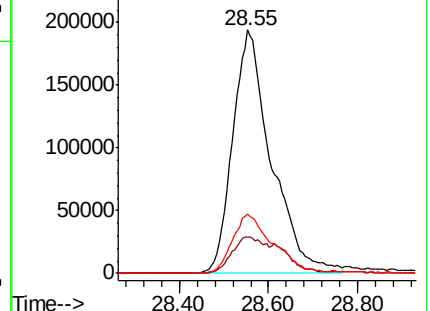
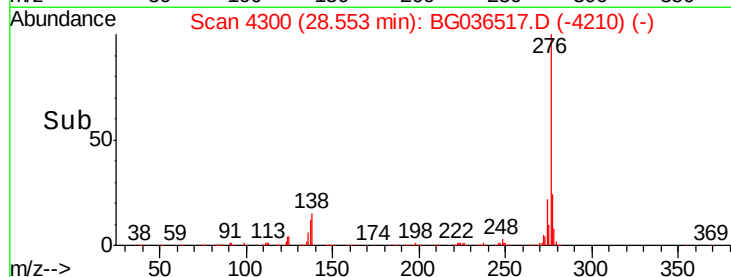
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 12.7  | 10.6  | 15.8  |
| 277 | 25.6  | 20.6  | 30.8  |



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3679

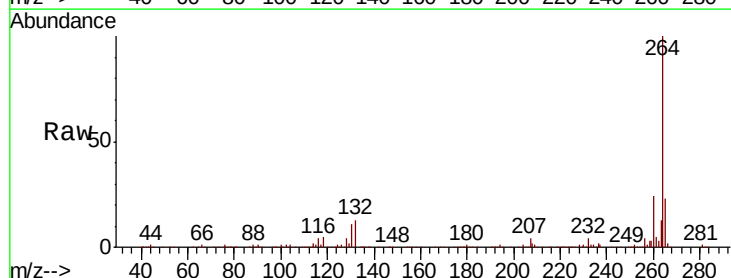
Delta R.T. 0.00 min

Lab File: BG036517.D

Acq: 31 Aug 2018 23:02

Tgt Ion:264 Resp: 503220

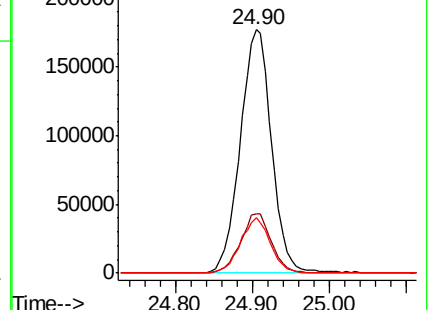
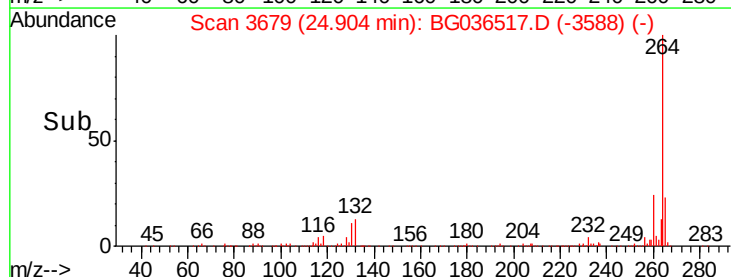
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.4  | 19.6  | 29.4  |
| 265 | 22.7  | 17.4  | 26.0  |

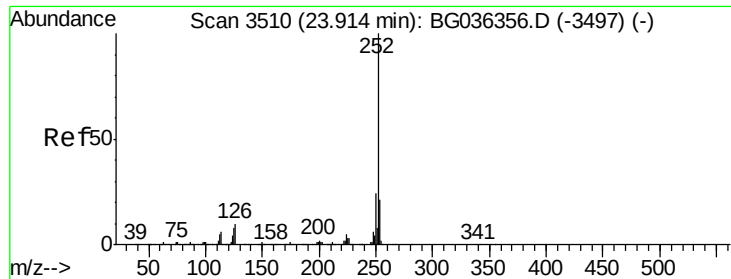


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 37.670 ng

RT: 23.89 min Scan# 3506

Delta R.T. 0.00 min

Lab File: BG036517.D

Acq: 31 Aug 2018 23:02

Instrument :

BNA\_G

ClientSampleId :

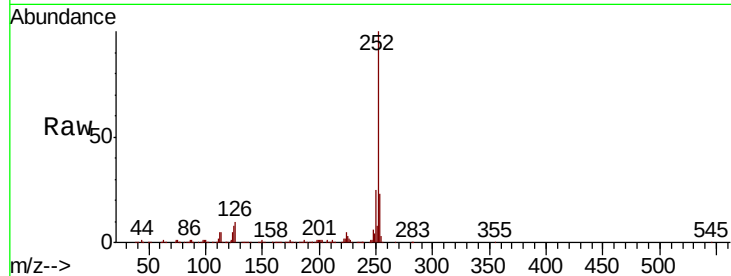
Tot Ion:252 Resp: 1052658

Ion Ratio Lower Upper

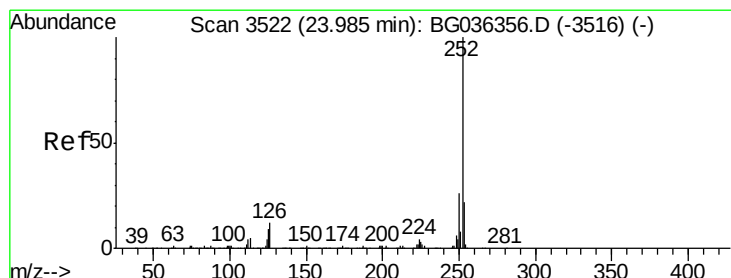
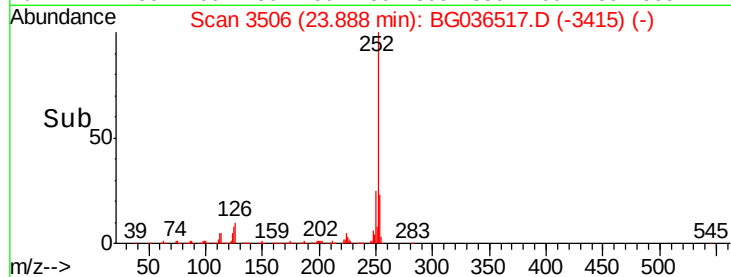
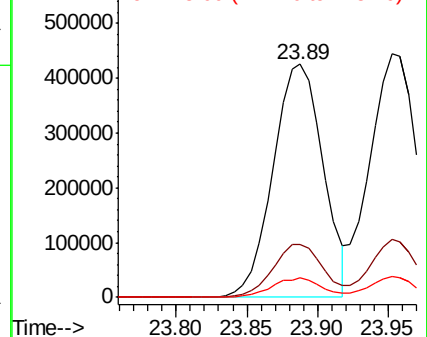
252 100

253 22.6 17.1 25.7

125 8.2 6.6 10.0



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



#88

Benzo(k)fluoranthene

Concen: 38.756 ng

RT: 23.95 min Scan# 3517

Delta R.T. -0.00 min

Lab File: BG036517.D

Acq: 31 Aug 2018 23:02

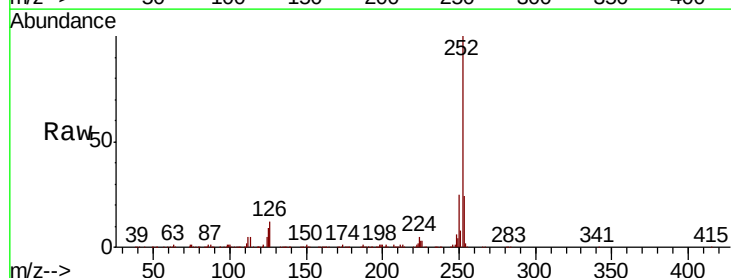
Tgt Ion:252 Resp: 1058023

Ion Ratio Lower Upper

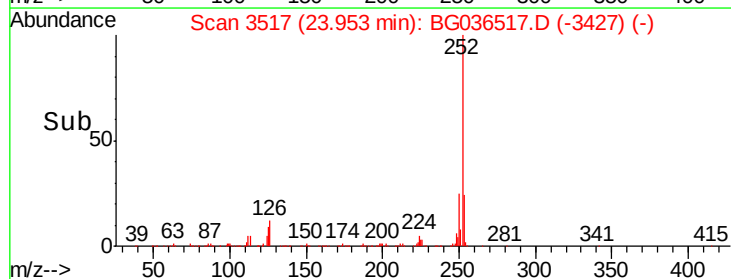
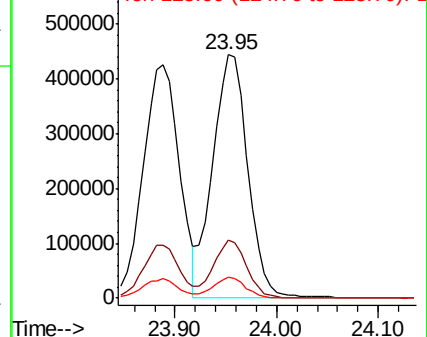
252 100

253 23.6 18.0 27.0

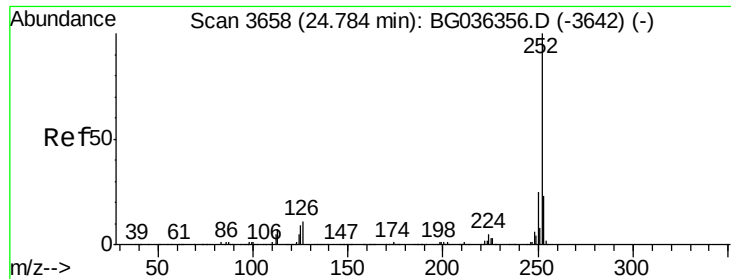
125 8.6 7.0 10.6



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







#89

Benzo(a)pyrene

Concen: 38.630 ng

RT: 24.75 min Scan# 3653

Delta R.T. -0.00 min

Lab File: BG036517.D

Acq: 31 Aug 2018 23:02

Instrument :

BNA\_G

ClientSampleId :

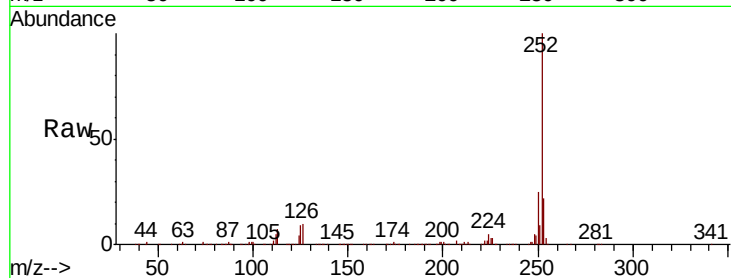
Tot Ion:252 Resp: 1037309

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

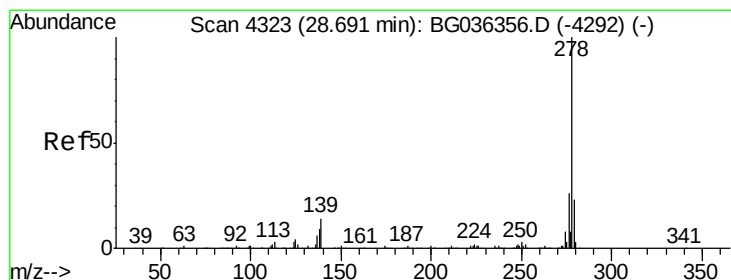
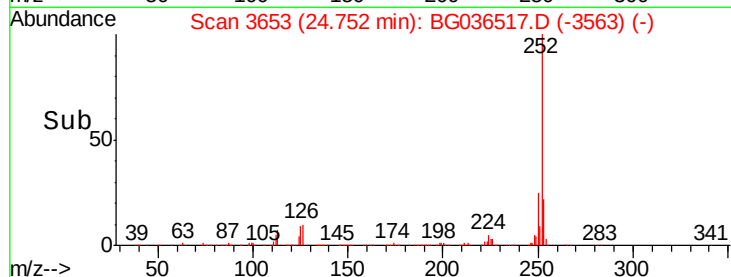
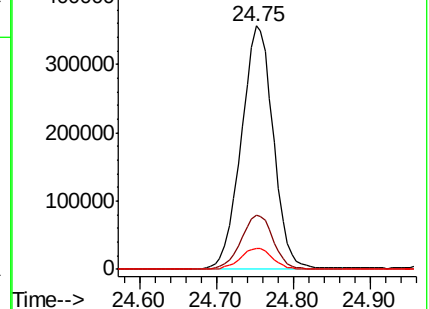
125 8.6 7.3 10.9



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: 36.358 ng

RT: 28.62 min Scan# 4312

Delta R.T. -0.00 min

Lab File: BG036517.D

Acq: 31 Aug 2018 23:02

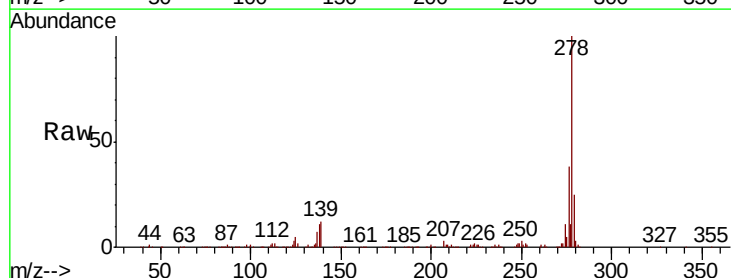
Tgt Ion:278 Resp: 942501

Ion Ratio Lower Upper

278 100

139 12.2 11.0 16.4

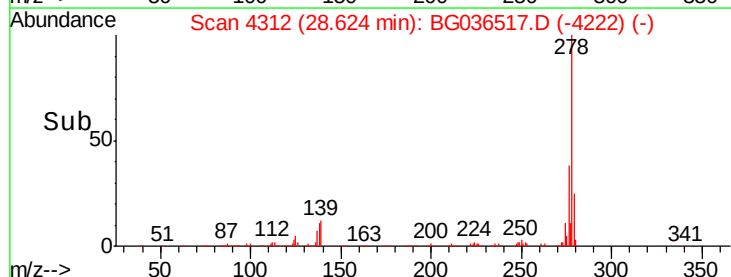
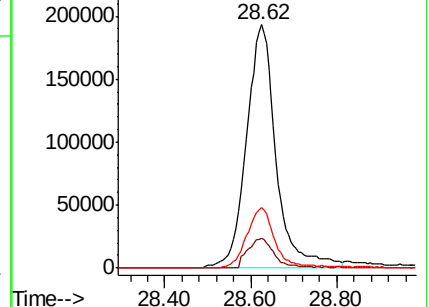
279 24.9 18.7 28.1

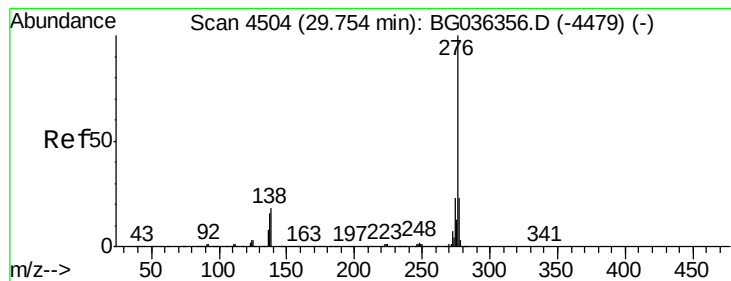


Abundance Ion 278.00 (277.70 to 278.70): E

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: 37.285 ng  
 RT: 29.69 min Scan# 4494  
 Delta R.T. -0.00 min  
 Lab File: BG036517.D  
 Acq: 31 Aug 2018 23:02

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.4  | 18.4  | 27.6  |
| 138     | 15.7  | 14.6  | 22.0  |

