

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073116\  
 Data File : BG023378.D  
 Acq On : 31 Jul 2016 21:40  
 Operator : UM/SJ  
 Sample : H4223-03MS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Aug 01 01:28:37 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 27 17:30:33 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.12  | 152  | 180179   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.95 | 136  | 882739   | 20.00 | ng    | -0.03    |
| 38) Acenaphthene-d10      | 14.79 | 164  | 626168   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10      | 17.54 | 188  | 1446289  | 20.00 | ng    | -0.03    |
| 75) Chrysene-d12          | 21.86 | 240  | 1196676  | 20.00 | ng    | -0.03    |
| 86) Perylene-d12          | 25.24 | 264  | 1235731  | 20.00 | ng    | -0.06    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.67  | 112 | 1311911 | 124.30 | ng | 0.00  |
| 7) Phenol-d6             | 7.28  | 99  | 2037697 | 125.75 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 9.30  | 82  | 1341083 | 74.29  | ng | 0.00  |
| 41) 2,4,6-Tribromophenol | 16.29 | 330 | 987121  | 152.31 | ng | -0.02 |
| 44) 2-Fluorobiphenyl     | 13.40 | 172 | 2657800 | 79.44  | ng | -0.02 |
| 78) Terphenyl-d14        | 20.15 | 244 | 3011790 | 81.81  | ng | -0.03 |

## Target Compounds

|                                |       |     |         |       |    | Qvalue |
|--------------------------------|-------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.53  | 88  | 119811  | 26.47 | ng | # 94   |
| 3) Pyridine                    | 3.93  | 79  | 403575  | 25.47 | ng | # 92   |
| 4) n-Nitrosodimethylamine      | 3.84  | 42  | 191996  | 26.82 | ng | # 70   |
| 6) Aniline                     | 7.45  | 93  | 858770  | 39.68 | ng | 95     |
| 8) 2-Chlorophenol              | 7.69  | 128 | 517355  | 43.93 | ng | 98     |
| 9) Benzaldehyde                | 7.25  | 77  | 355541  | 30.55 | ng | 92     |
| 10) Phenol                     | 7.31  | 94  | 833109  | 48.73 | ng | # 79   |
| 11) bis(2-Chloroethyl)ether    | 7.53  | 93  | 534710  | 36.80 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 8.01  | 146 | 484276  | 36.49 | ng | 94     |
| 13) 1,4-Dichlorobenzene        | 8.16  | 146 | 491849  | 36.33 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 8.48  | 146 | 492355  | 37.70 | ng | 94     |
| 15) Benzyl Alcohol             | 8.36  | 79  | 598461  | 54.88 | ng | # 91   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.66  | 45  | 764144  | 33.04 | ng | 90     |
| 17) 2-Methylphenol             | 8.57  | 107 | 535141  | 45.79 | ng | # 84   |
| 18) Hexachloroethane           | 9.22  | 117 | 183587  | 32.55 | ng | 94     |
| 19) n-Nitroso-di-n-propylamine | 8.93  | 70  | 565678  | 38.81 | ng | 96     |
| 20) 3+4-Methylphenols          | 8.90  | 107 | 761579  | 47.93 | ng | 91     |
| 22) Acetophenone               | 8.95  | 105 | 806950  | 35.01 | ng | # 88   |
| 24) Nitrobenzene               | 9.34  | 77  | 751524  | 35.85 | ng | # 87   |
| 25) Isophorone                 | 9.87  | 82  | 1512815 | 40.58 | ng | # 92   |
| 26) 2-Nitrophenol              | 10.06 | 139 | 336339  | 42.48 | ng | # 77   |
| 27) 2,4-Dimethylphenol         | 10.12 | 122 | 574576  | 43.05 | ng | 84     |
| 28) bis(2-Chloroethoxy)methane | 10.35 | 93  | 871269  | 41.65 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.60 | 162 | 629172  | 48.70 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.82 | 180 | 554032  | 38.80 | ng | 99     |
| 31) Naphthalene                | 11.00 | 128 | 1657468 | 40.41 | ng | 99     |
| 32) Benzoic acid               | 10.12 | 122 | 574576  | 52.06 | ng | # 6    |
| 33) 4-Chloroaniline            | 11.12 | 127 | 715853  | 37.78 | ng | 92     |
| 34) Hexachlorobutadiene        | 11.28 | 225 | 333446  | 35.63 | ng | 98     |
| 35) Caprolactam                | 11.90 | 113 | 130927  | 23.83 | ng | 93     |
| 36) 4-Chloro-3-methylphenol    | 12.24 | 107 | 761609  | 44.87 | ng | 92     |
| 37) 2-Methylnaphthalene        | 12.61 | 142 | 1297264 | 42.66 | ng | # 91   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.98 | 216 | 614874  | 30.33 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 12.95 | 237 | 707675  | 73.67 | ng | 98     |

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 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

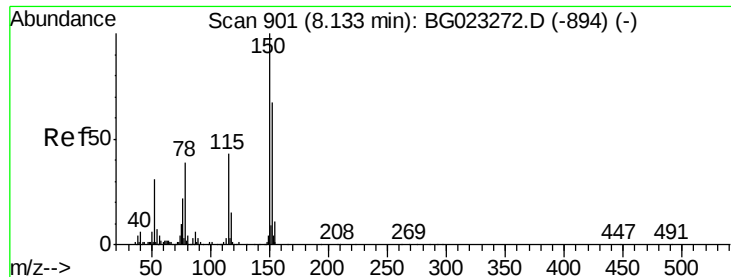
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Aug 01 01:28:37 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 27 17:30:33 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.21 | 196  | 538089   | 45.19 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 13.30 | 196  | 581109   | 46.01 | nq    | 96       |
| 45) 1,1'-Biphenyl              | 13.61 | 154  | 1583023  | 36.25 | nq    | 91       |
| 46) 2-Chloronaphthalene        | 13.66 | 162  | 1389734  | 39.71 | nq    | 96       |
| 47) 2-Nitroaniline             | 13.87 | 65   | 614582   | 41.52 | nq    | 89       |
| 48) Acenaphthylene             | 14.51 | 152  | 2176656  | 40.63 | nq    | 94       |
| 49) Dimethylphthalate          | 14.24 | 163  | 2376633  | 51.43 | nq    | # 93     |
| 50) 2,6-Dinitrotoluene         | 14.36 | 165  | 477134   | 44.09 | nq    | # 78     |
| 51) Acenaphthene               | 14.85 | 154  | 1407589  | 40.50 | nq    | 99       |
| 52) 3-Nitroaniline             | 14.70 | 138  | 487771   | 44.75 | nq    | # 74     |
| 53) 2,4-Dinitrophenol          | 14.90 | 184  | 217371   | 34.31 | nq    | # 88     |
| 54) Dibenzofuran               | 15.19 | 168  | 2167899  | 44.08 | nq    | 99       |
| 55) 4-Nitrophenol              | 15.01 | 139  | 741017   | 78.38 | nq    | # 74     |
| 56) 2,4-Dinitrotoluene         | 15.15 | 165  | 674414   | 44.26 | nq    | 89       |
| 57) Fluorene                   | 15.84 | 166  | 1817308  | 41.85 | nq    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.42 | 232  | 544991   | 50.96 | nq    | 94       |
| 59) Diethylphthalate           | 15.59 | 149  | 1958942  | 41.39 | nq    | 93       |
| 60) 4-Chlorophenyl-phenylether | 15.82 | 204  | 957407   | 40.73 | nq    | 98       |
| 61) 4-Nitroaniline             | 15.87 | 138  | 513127   | 44.90 | nq    | # 59     |
| 62) Azobenzene                 | 16.12 | 77   | 2099672  | 42.79 | nq    | 90       |
| 64) 4,6-Dinitro-2-methylphenol | 15.92 | 198  | 371849   | 40.03 | nq    | 93       |
| 65) n-Nitrosodiphenylamine     | 16.05 | 169  | 1693761  | 43.87 | nq    | # 92     |
| 66) 4-Bromophenyl-phenylether  | 16.73 | 248  | 674697   | 46.14 | nq    | 95       |
| 67) Hexachlorobenzene          | 16.84 | 284  | 705871   | 48.01 | nq    | 97       |
| 68) Atrazine                   | 16.99 | 200  | 680645   | 45.95 | nq    | 97       |
| 69) Pentachlorophenol          | 17.20 | 266  | 750679   | 82.72 | nq    | 99       |
| 70) Phenanthrene               | 17.59 | 178  | 2723089  | 43.04 | nq    | # 89     |
| 71) Anthracene                 | 17.68 | 178  | 2784800  | 43.57 | nq    | # 91     |
| 72) Carbazole                  | 17.95 | 167  | 2529727  | 43.21 | nq    | 93       |
| 73) Di-n-butylphthalate        | 18.49 | 149  | 2759460  | 42.25 | nq    | # 95     |
| 74) Fluoranthene               | 19.60 | 202  | 2801216  | 38.80 | nq    | 89       |
| 76) Benzidine                  | 19.78 | 184  | 1612793  | 47.92 | nq    | 97       |
| 77) Pyrene                     | 19.96 | 202  | 2809034  | 41.36 | nq    | 94       |
| 79) Butylbenzylphthalate       | 20.84 | 149  | 1249825  | 41.83 | nq    | 96       |
| 80) Benzo(a)anthracene         | 21.84 | 228  | 2618879  | 41.80 | nq    | 97       |
| 81) 3,3'-Dichlorobenzidine     | 21.75 | 252  | 981076   | 38.62 | nq    | # 97     |
| 82) Chrysene                   | 21.91 | 228  | 2446609  | 40.42 | nq    | 94       |
| 83) Bis(2-ethylhexyl)phthalate | 21.72 | 149  | 1712742  | 40.97 | nq    | 97       |
| 84) Di-n-octyl phthalate       | 22.99 | 149  | 2871987  | 42.00 | nq    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 29.10 | 276  | 3383911  | 47.92 | nq    | # 100    |
| 87) Benzo(b)fluoranthene       | 24.16 | 252  | 2827911  | 43.08 | nq    | # 95     |
| 88) Benzo(k)fluoranthene       | 24.23 | 252  | 2712444  | 41.33 | nq    | # 94     |
| 89) Benzo(a)pyrene             | 25.08 | 252  | 2772375  | 43.10 | nq    | # 95     |
| 90) Dibenzo(a,h)anthracene     | 29.17 | 278  | 2822851  | 46.39 | nq    | # 94     |
| 91) Benzo(g,h,i)perylene       | 30.32 | 276  | 2796861  | 43.66 | nq    | # 89     |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.02 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Instrument :

BNA\_G

ClientSampleId :

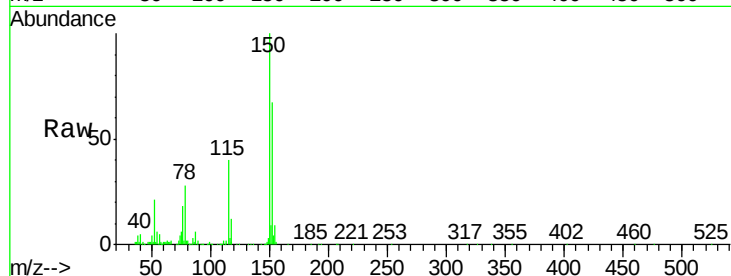
Tot Ion:152 Resp: 180179

Ion Ratio Lower Upper

152 100

150 150.1 144.7 217.1

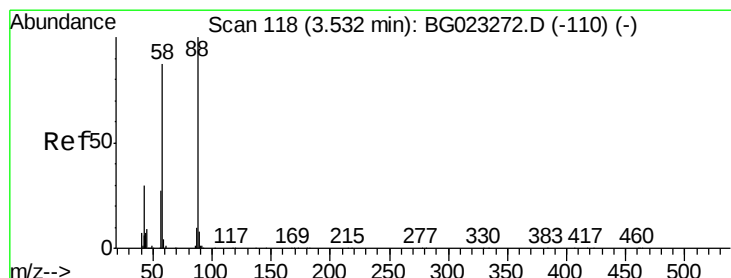
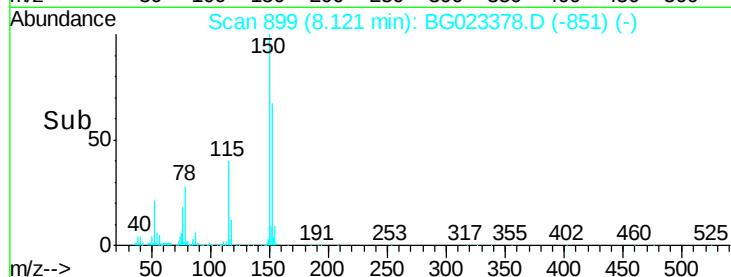
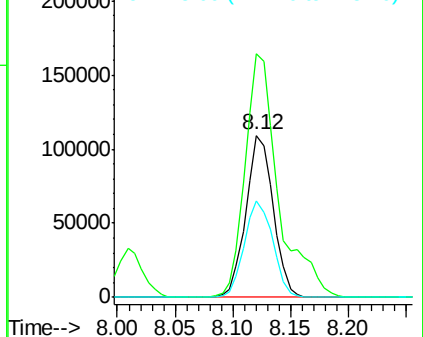
115 59.6 64.0 96.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 26.47 ng

RT: 3.53 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

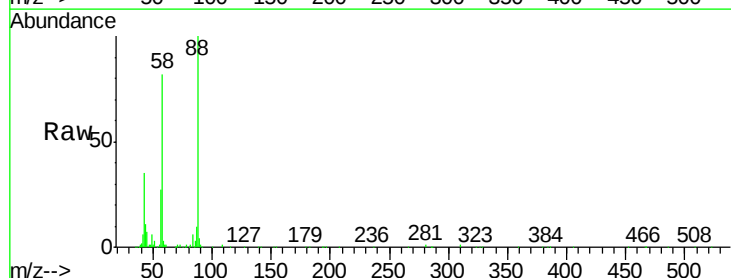
Tgt Ion: 88 Resp: 119811

Ion Ratio Lower Upper

88 100

58 76.4 60.4 90.6

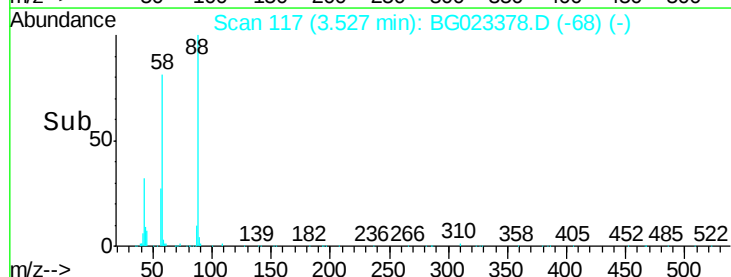
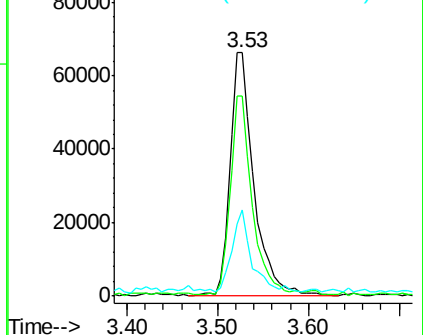
43 28.9 31.1 46.7#

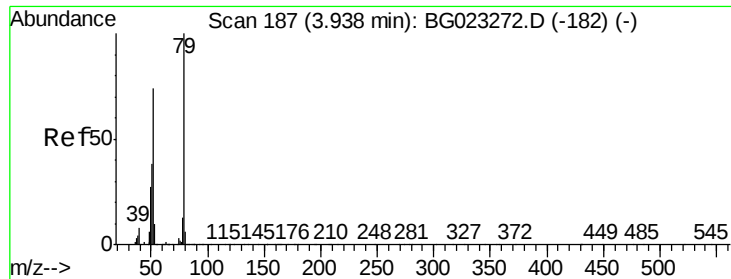


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

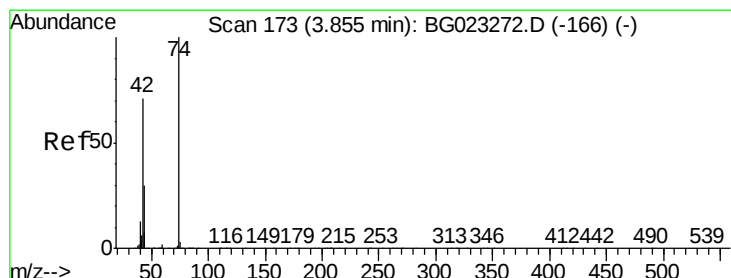
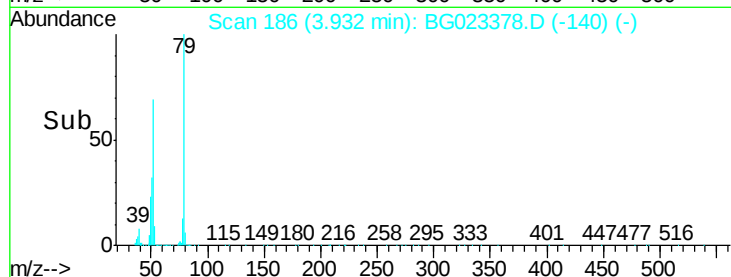
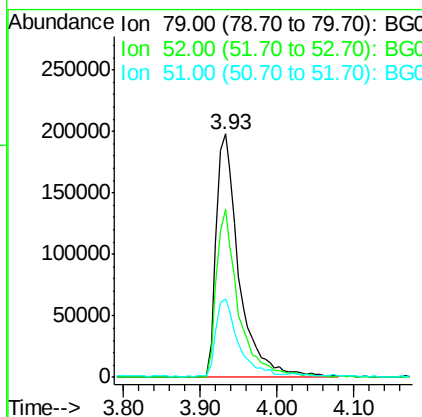
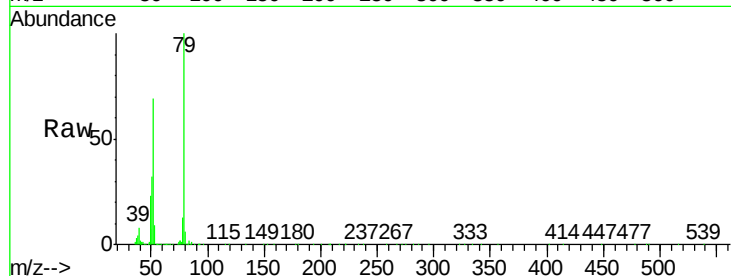




#3  
 Pvridine  
 Concen: 25.47 ng  
 RT: 3.93 min Scan# 186  
 Delta R.T. -0.03 min  
 Lab File: BG023378.D  
 Acq: 31 Jul 2016 21:40

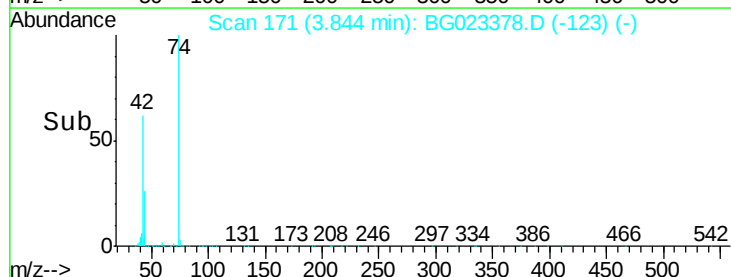
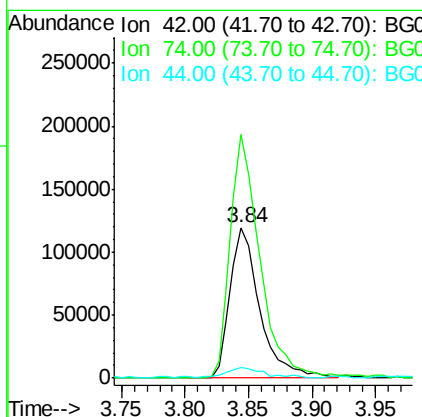
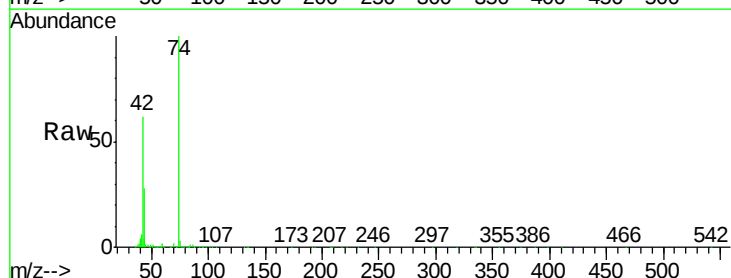
Instrument :  
 BNA\_G  
 ClientSampleId :

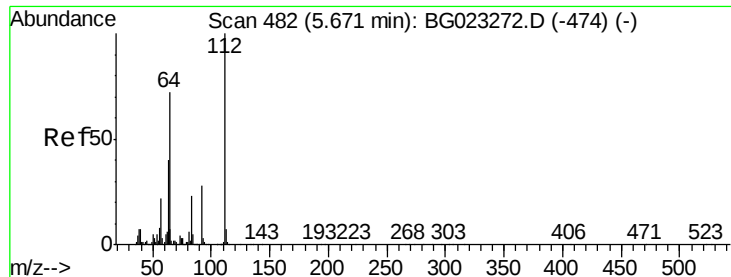
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 68.9  | 51.8  | 77.8  |
| 51      | 32.4  | 32.7  | 49.1# |



#4  
 n-Nitrosodimethylamine  
 Concen: 26.82 ng  
 RT: 3.84 min Scan# 171  
 Delta R.T. -0.02 min  
 Lab File: BG023378.D  
 Acq: 31 Jul 2016 21:40

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 42      | 100   |       |        |
| 74      | 161.5 | 100.6 | 150.8# |
| 44      | 7.0   | 4.5   | 6.7#   |





#5

2-Fluorophenol

Concen: 124.30 ng

RT: 5.67 min Scan# 481

Delta R.T. -0.01 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Instrument :

BNA\_G

ClientSampleId :

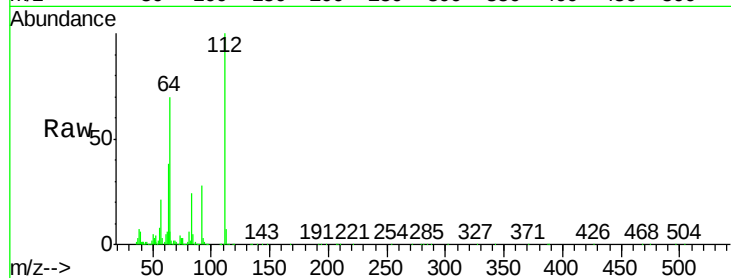
Tot Ion:112 Resp: 1311911

Ion Ratio Lower Upper

112 100

64 70.4 59.0 88.4

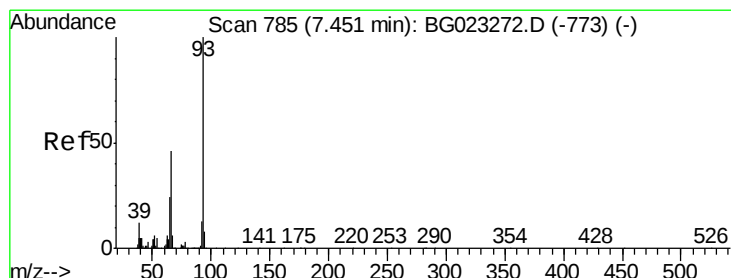
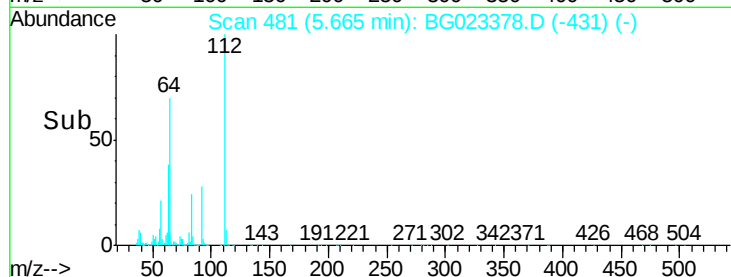
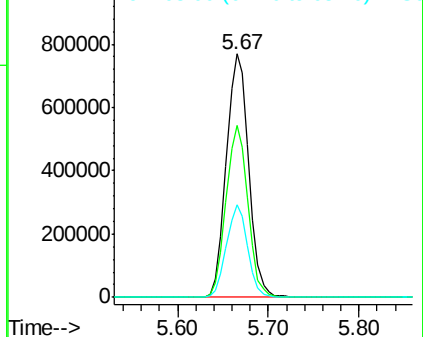
63 37.8 37.8 56.8#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.68 ng

RT: 7.45 min Scan# 784

Delta R.T. -0.01 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

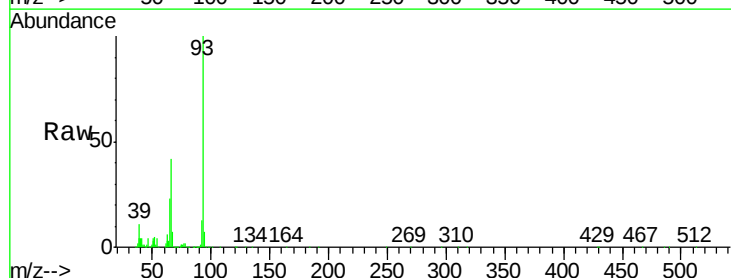
Tgt Ion: 93 Resp: 858770

Ion Ratio Lower Upper

93 100

66 42.1 37.5 56.3

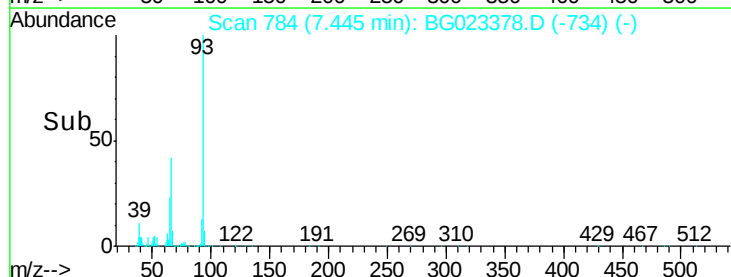
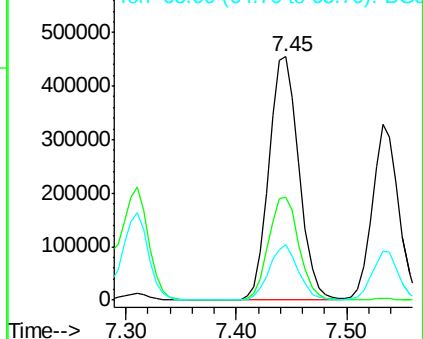
65 22.8 17.9 26.9

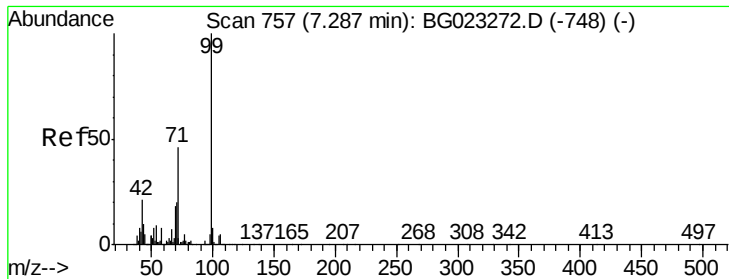


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 125.75 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Instrument :

BNA\_G

ClientSampled :

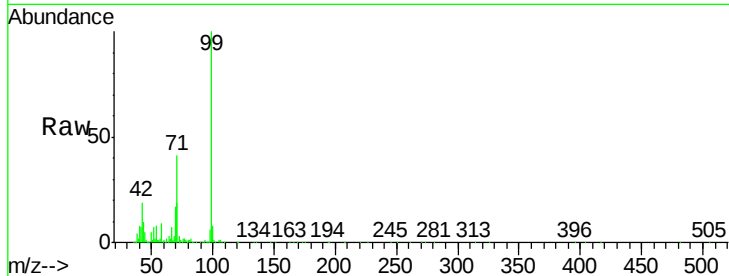
Tot Ion: 99 Resp: 2037697

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.6  | 17.8  | 26.6  |
| 71  | 40.5  | 41.5  | 62.3  |

99 100

42 18.6 17.8 26.6

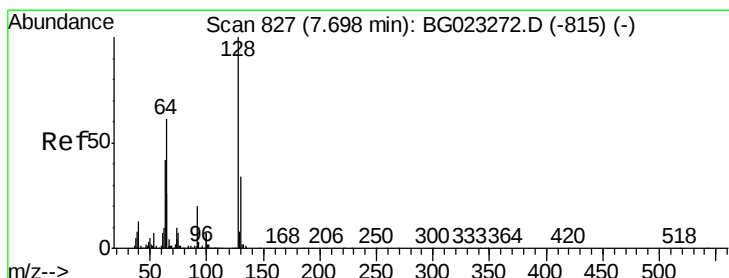
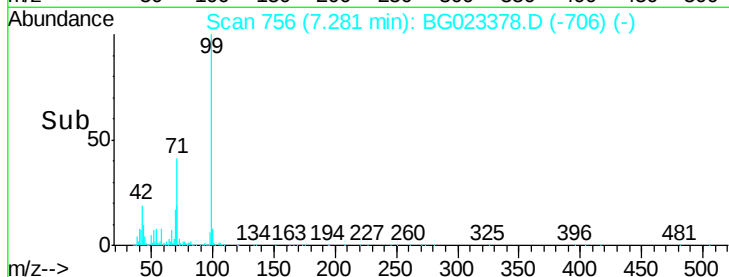
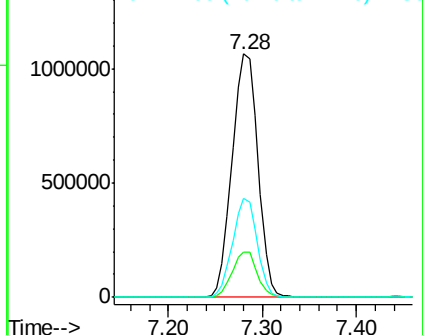
71 40.5 41.5 62.3



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: 43.93 ng

RT: 7.69 min Scan# 825

Delta R.T. -0.01 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

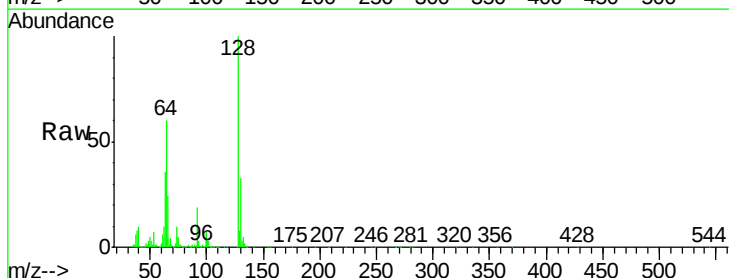
Tgt Ion: 128 Resp: 517355

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.4  | 12.9  | 52.9  |
| 64  | 59.8  | 42.0  | 82.0  |

128 100

130 33.4 12.9 52.9

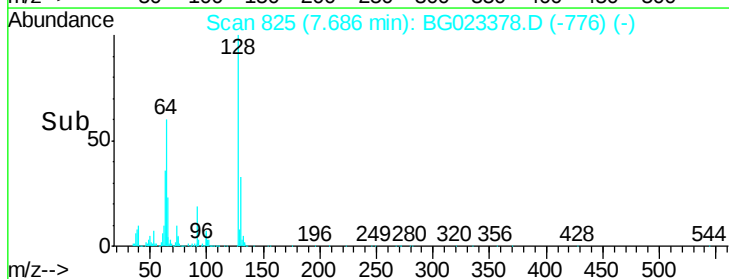
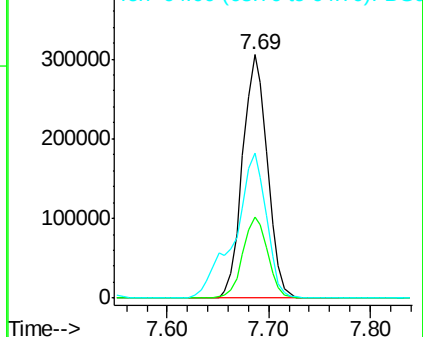
64 59.8 42.0 82.0

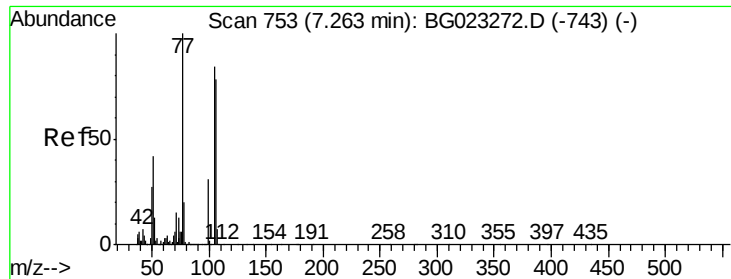


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 30.55 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.02 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Instrument :

BNA\_G

ClientSampleId :

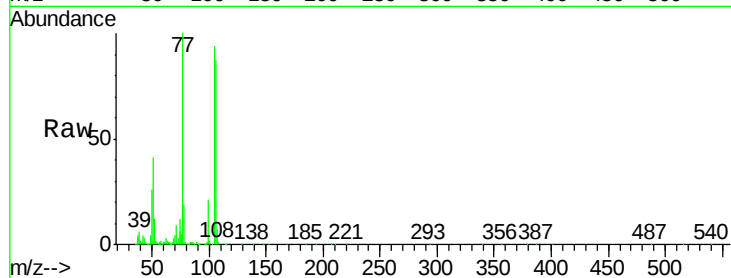
Tot Ion: 77 Resp: 355541

Ion Ratio Lower Upper

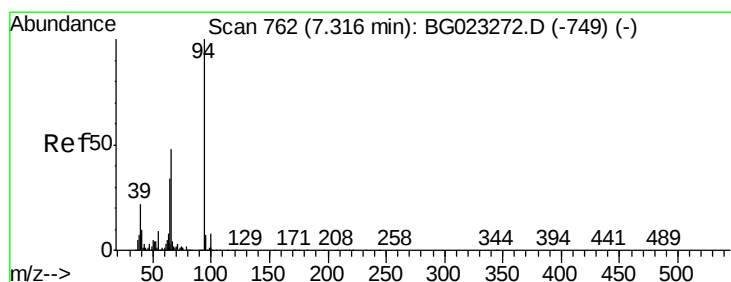
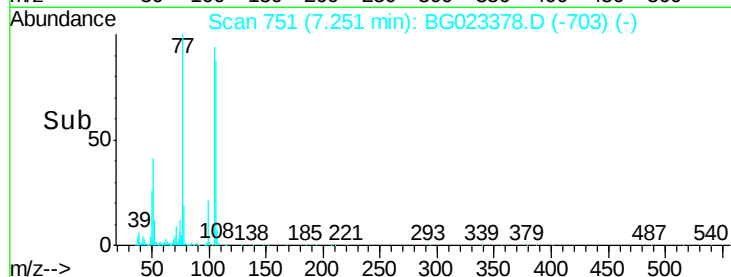
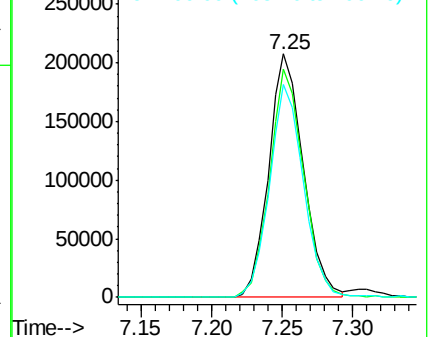
77 100

105 93.6 58.7 98.7

106 87.3 67.5 107.5



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



#10

Phenol

Concen: 48.73 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

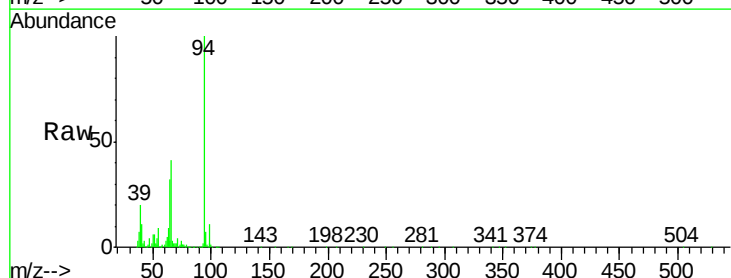
Tgt Ion: 94 Resp: 833109

Ion Ratio Lower Upper

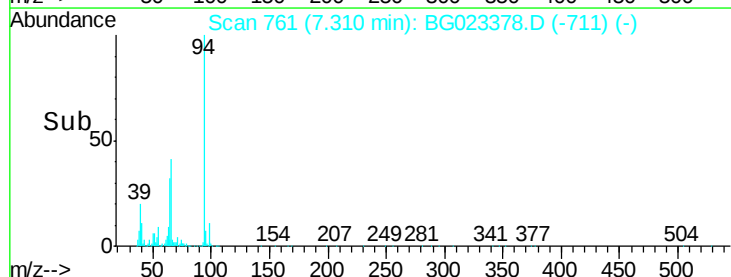
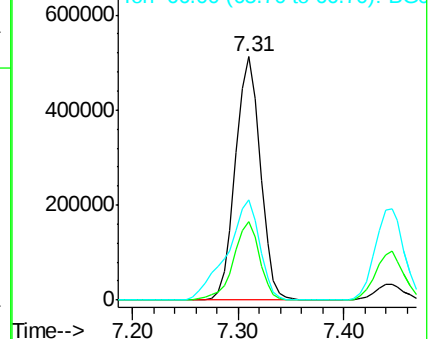
94 100

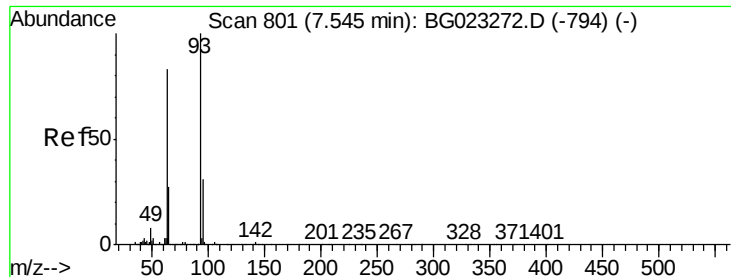
65 32.1 18.1 58.1

66 41.1 42.1 82.1#



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

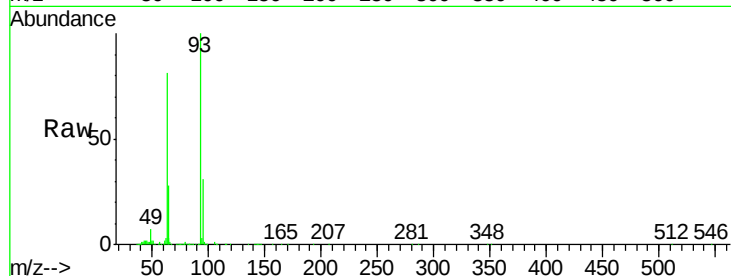




#11  
bis(2-Chloroethyl)ether  
Concen: 36.80 ng  
RT: 7.53 min Scan# 799  
Delta R.T. -0.01 min  
Lab File: BG023378.D  
Acq: 31 Jul 2016 21:40

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 81.2  | 55.0  | 95.0  |
| 95      | 31.3  | 11.0  | 51.0  |

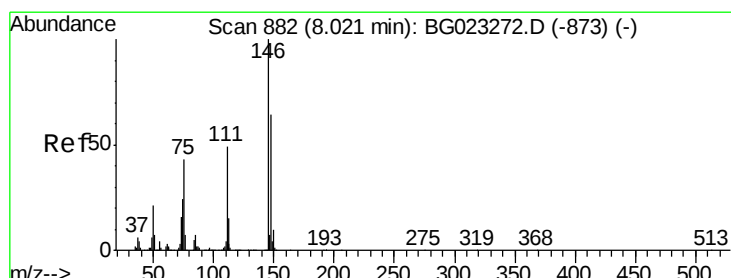
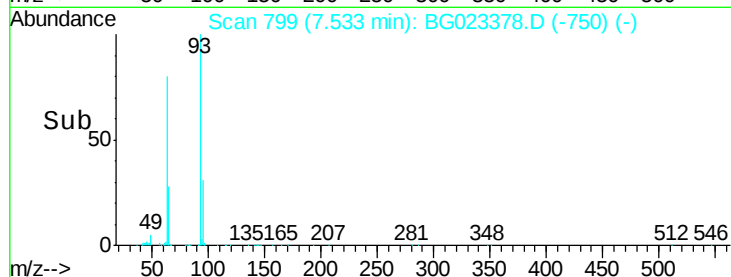
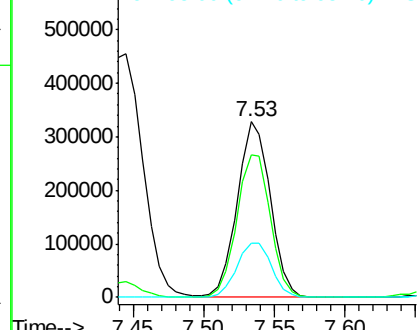


Abundance

Ion 93.00 (92.70 to 93.70): BGC

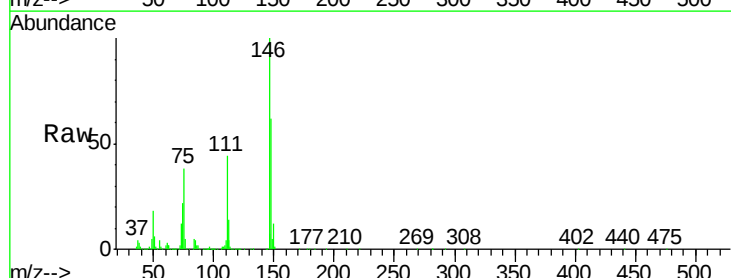
Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12  
1,3-Dichlorobenzene  
Concen: 36.49 ng  
RT: 8.01 min Scan# 880  
Delta R.T. -0.01 min  
Lab File: BG023378.D  
Acq: 31 Jul 2016 21:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.5  | 50.3  | 75.5  |
| 75      | 38.0  | 37.0  | 55.6  |

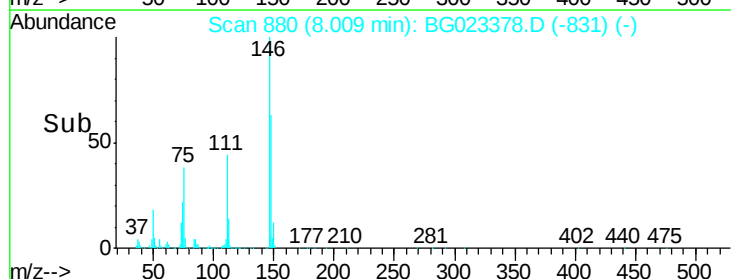
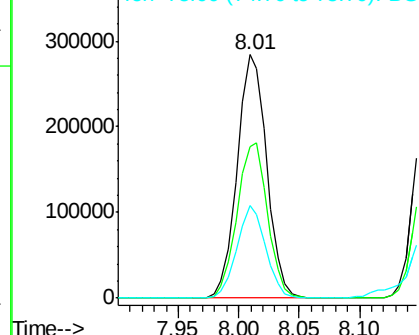


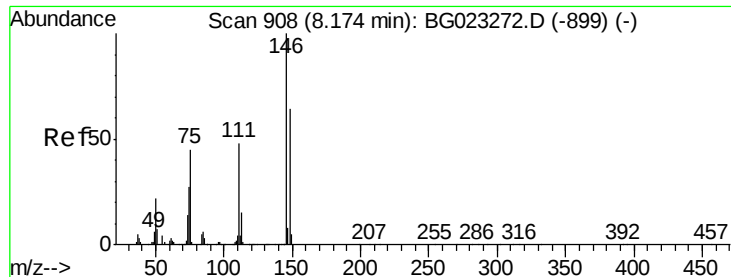
Abundance

Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 36.33 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Instrument :

BNA\_G

ClientSampleId :

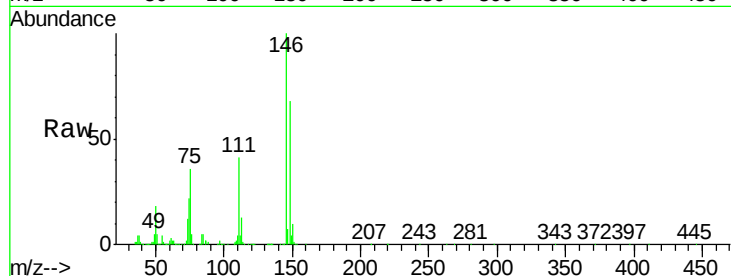
Tot Ion:146 Resp: 491849

Ion Ratio Lower Upper

146 100

148 67.8 54.5 81.7

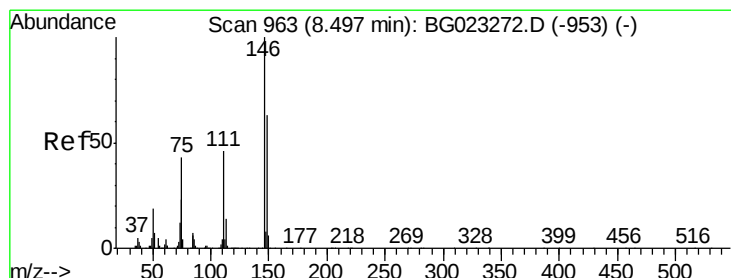
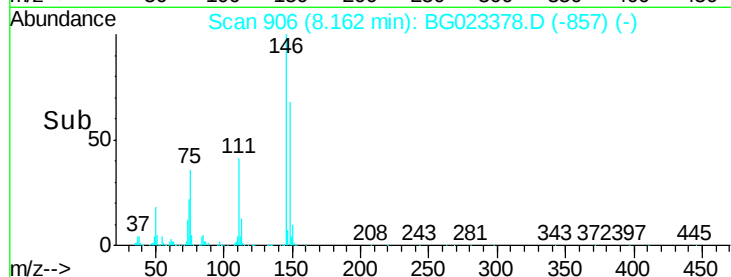
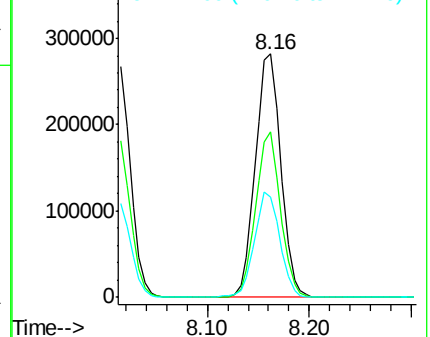
111 41.4 37.8 56.8



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



#14

1,2-Dichlorobenzene

Concen: 37.70 ng

RT: 8.48 min Scan# 960

Delta R.T. -0.01 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

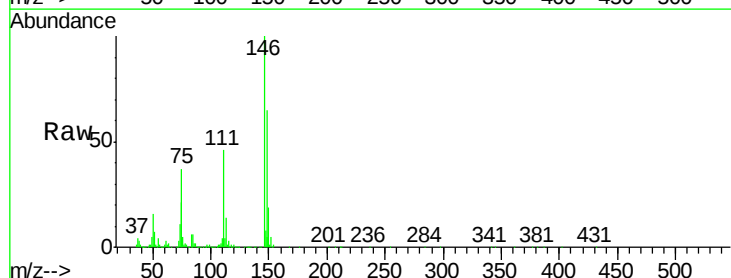
Tgt Ion:146 Resp: 492355

Ion Ratio Lower Upper

146 100

148 64.8 52.9 79.3

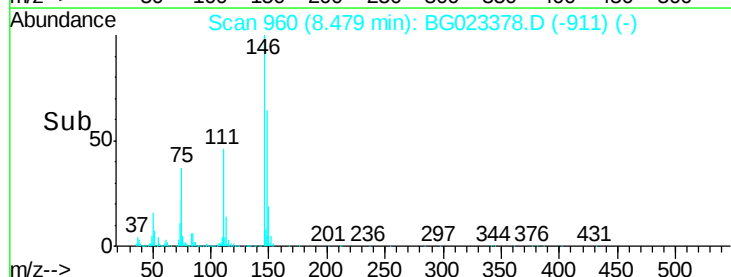
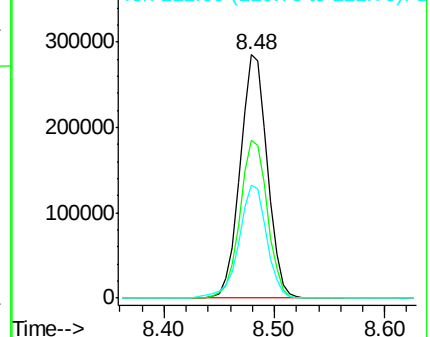
111 46.2 43.5 65.3

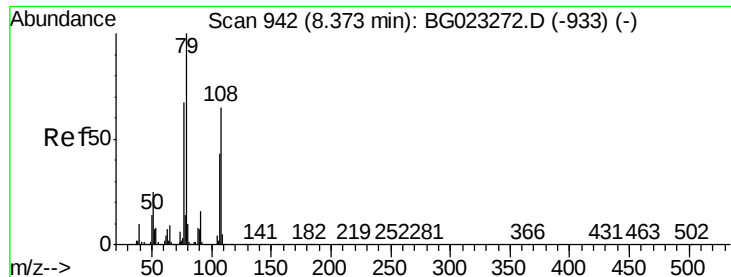


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 54.88 ng

RT: 8.36 min Scan# 940

Delta R.T. -0.02 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Instrument :

BNA\_G

ClientSampled :

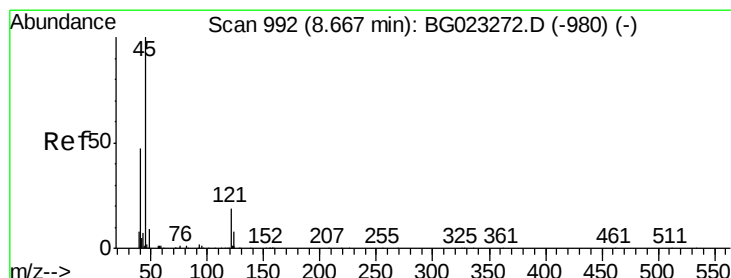
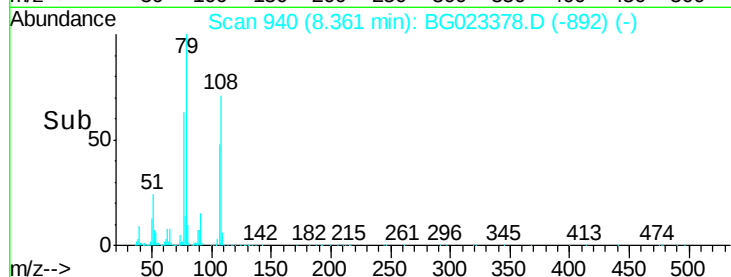
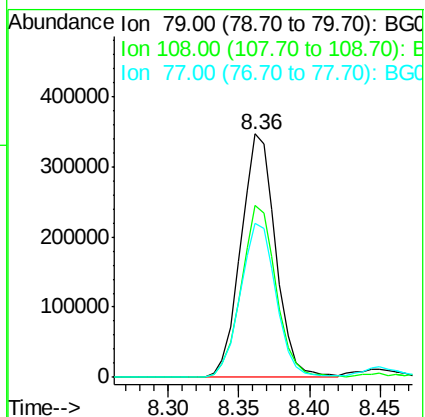
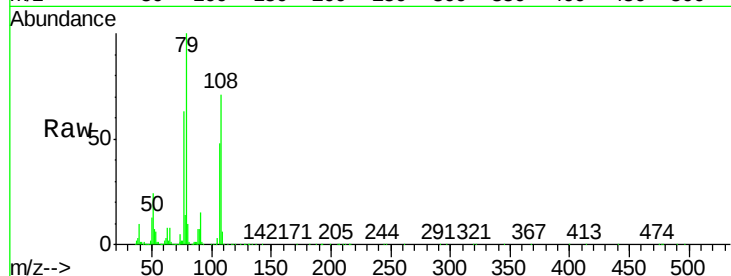
Tot Ion: 79 Resp: 598461

Ion Ratio Lower Upper

79 100

108 70.8 46.5 69.7#

77 63.5 52.3 78.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.04 ng

RT: 8.66 min Scan# 990

Delta R.T. -0.02 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

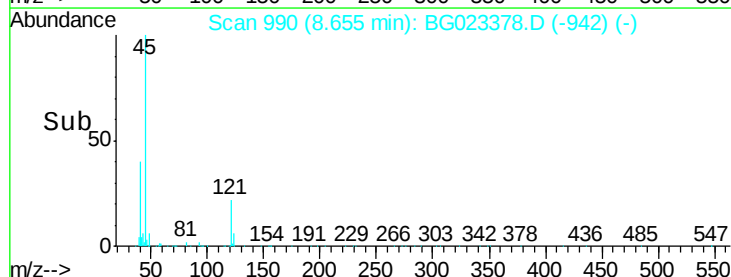
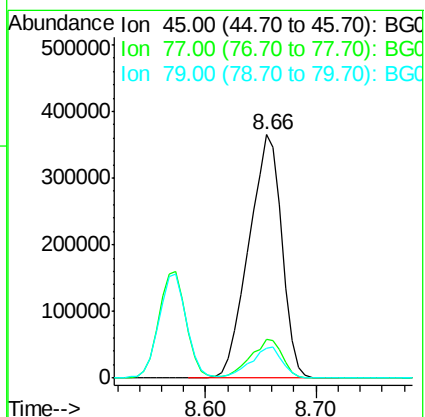
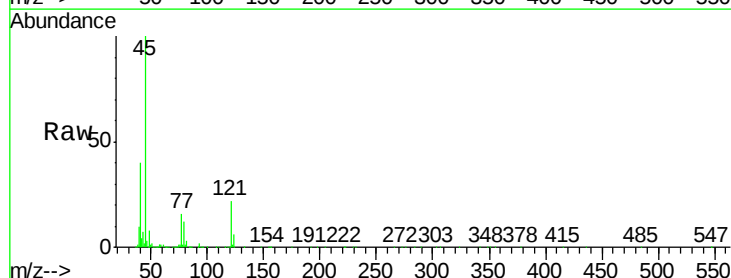
Tgt Ion: 45 Resp: 764144

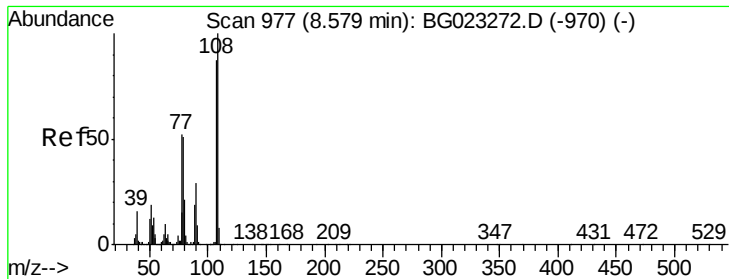
Ion Ratio Lower Upper

45 100

77 15.9 0.6 40.6

79 12.3 0.0 36.2





#17

2-Methylphenol

Concen: 45.79 ng

RT: 8.57 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG023378.D

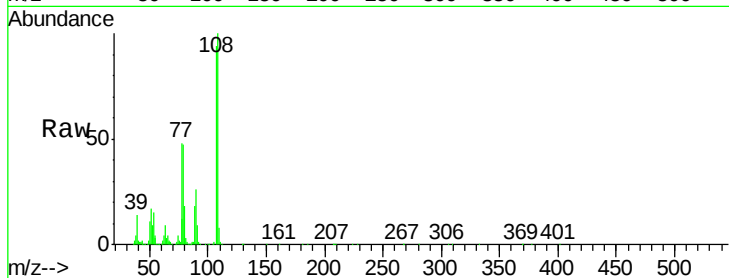
Acq: 31 Jul 2016 21:40

Instrument :

BNA\_G

ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 535141 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 105.9 | 92.0  | 138.0  |
| 77       | 51.2  | 55.8  | 83.6#  |
| 79       | 50.1  | 55.0  | 82.6#  |



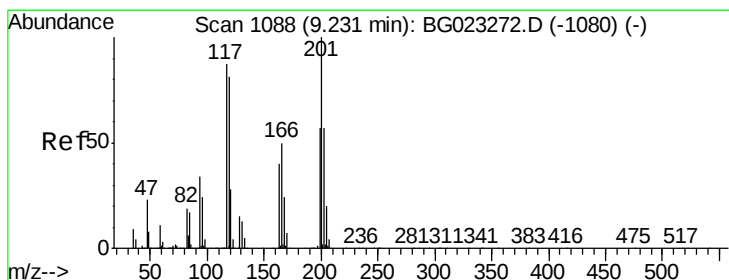
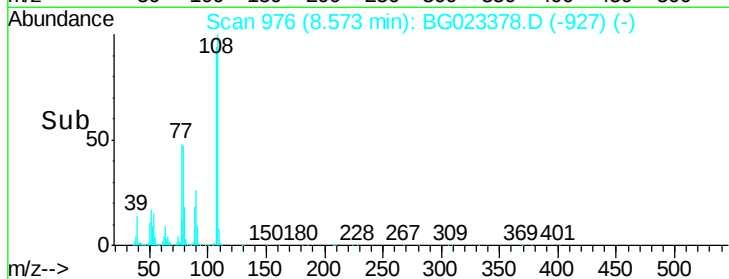
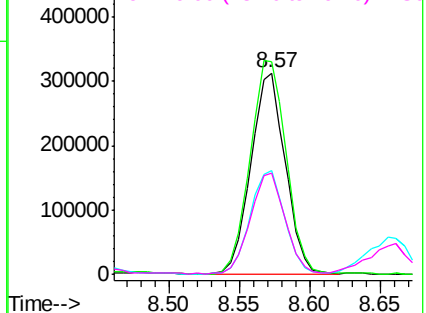
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 32.55 ng

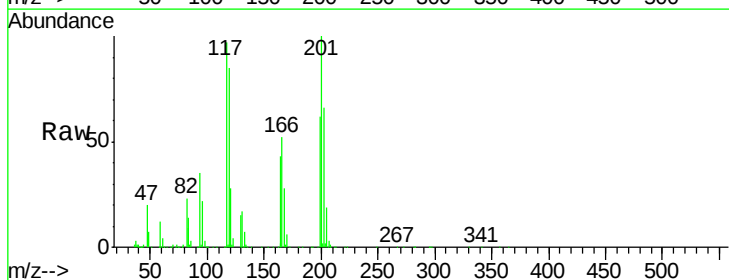
RT: 9.22 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 183587 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 87.3  | 73.7  | 110.5  |
| 201      | 102.8 | 88.7  | 133.1  |

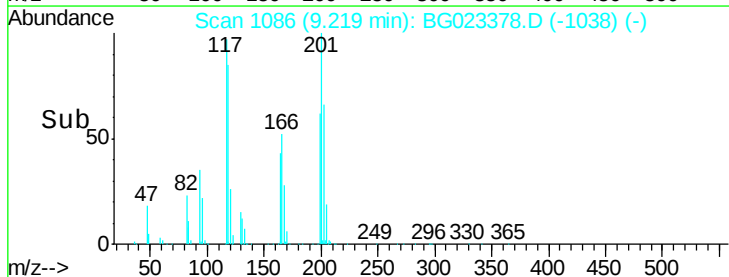
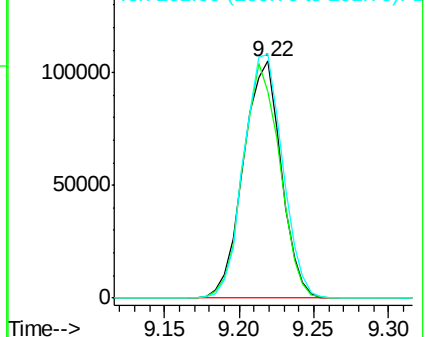


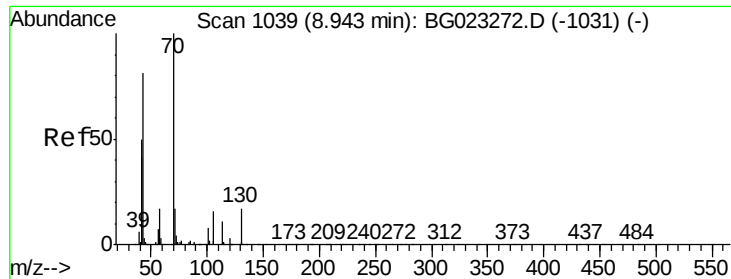
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

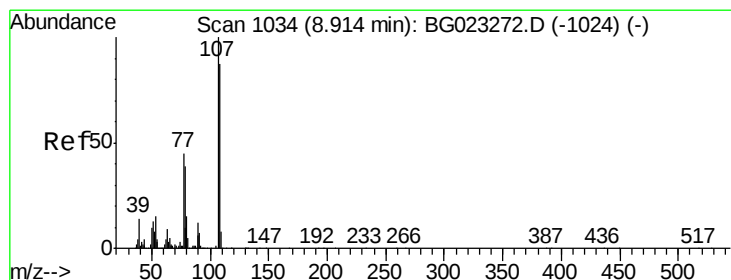
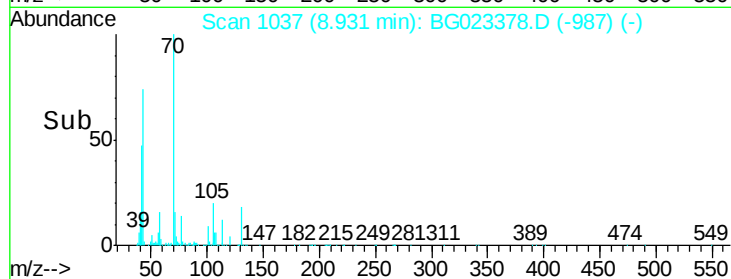
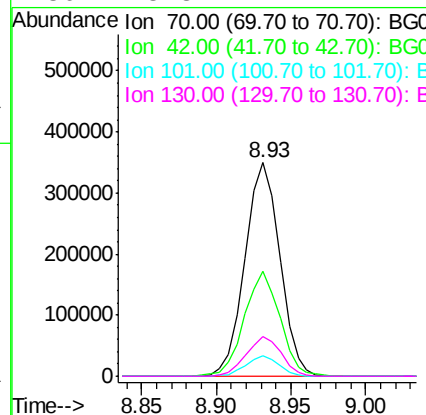
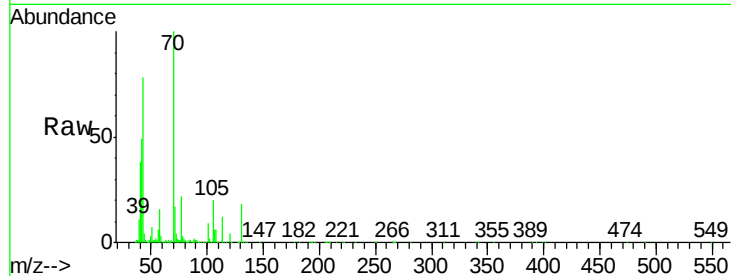




#19  
n-Nitroso-di-n-propylamine  
Concen: 38.81 ng  
RT: 8.93 min Scan# 1037  
Delta R.T. -0.01 min  
Lab File: BG023378.D  
Acq: 31 Jul 2016 21:40

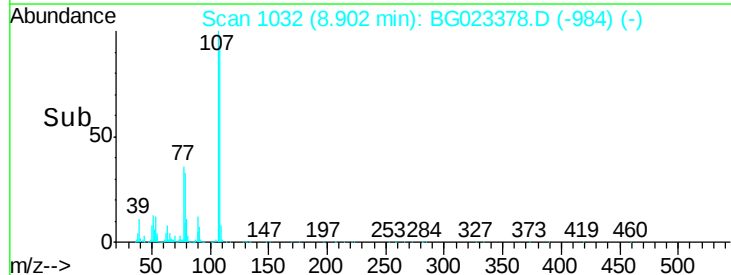
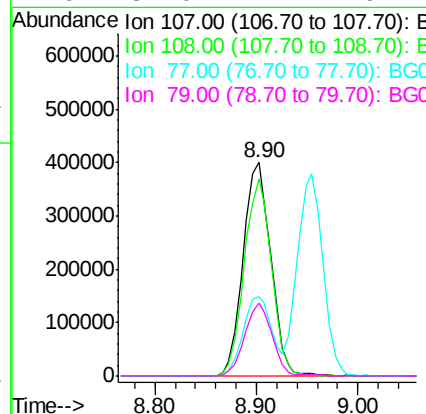
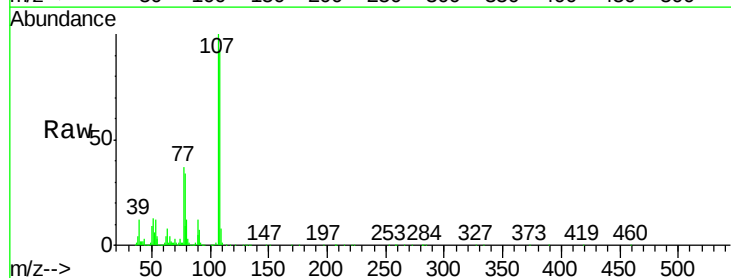
Instrument :  
BNA\_G  
ClientSampleId :

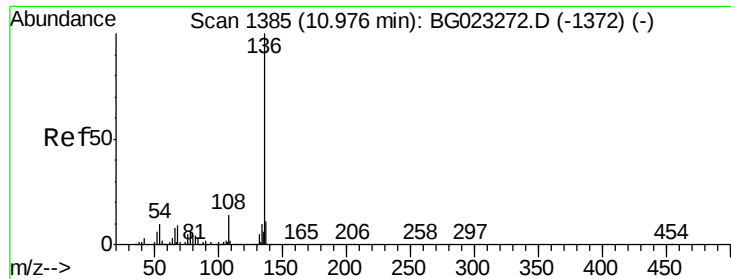
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 565678 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 49.2  | 42.1  | 63.1   |
| 101      | 9.4   | 7.2   | 10.8   |
| 130      | 18.3  | 14.2  | 21.2   |



#20  
3+4-Methylphenols  
Concen: 47.93 ng  
RT: 8.90 min Scan# 1032  
Delta R.T. -0.02 min  
Lab File: BG023378.D  
Acq: 31 Jul 2016 21:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 761579 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 92.2  | 72.5  | 112.5  |
| 77       | 37.0  | 30.1  | 70.1   |
| 79       | 34.0  | 24.2  | 64.2   |

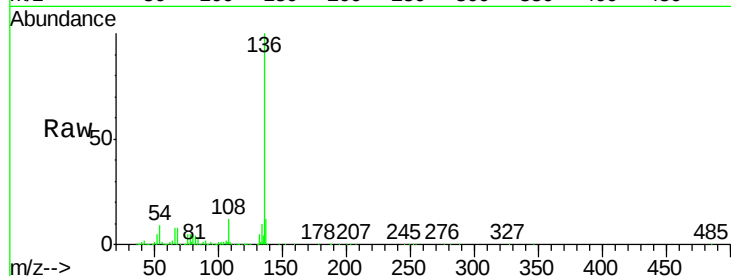




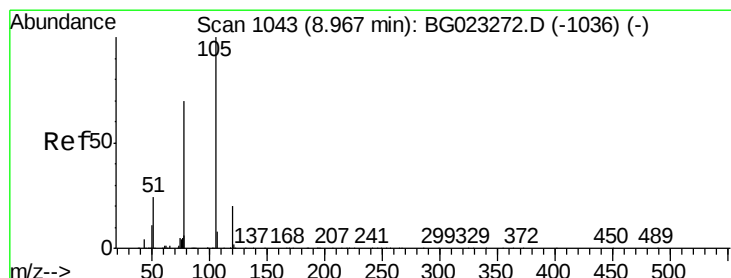
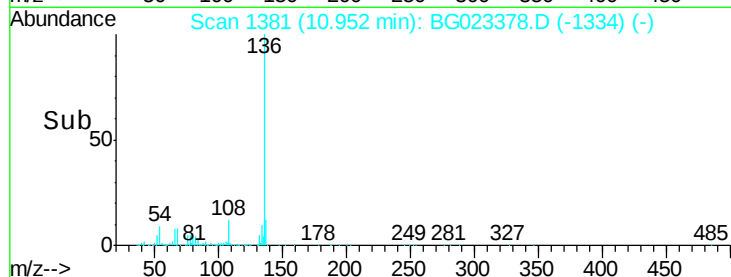
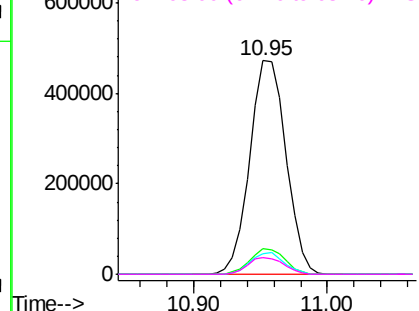
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.95 min Scan# 1381  
Delta R.T. -0.03 min  
Lab File: BG023378.D  
Acq: 31 Jul 2016 21:40

Instrument :  
BNA\_G  
ClientSampleId :

|             |              |
|-------------|--------------|
| Tot Ion:136 | Resp: 882739 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 12.2    | 9.6 14.4     |
| 54 9.5      | 7.3 10.9     |
| 68 7.6      | 5.3 7.9      |

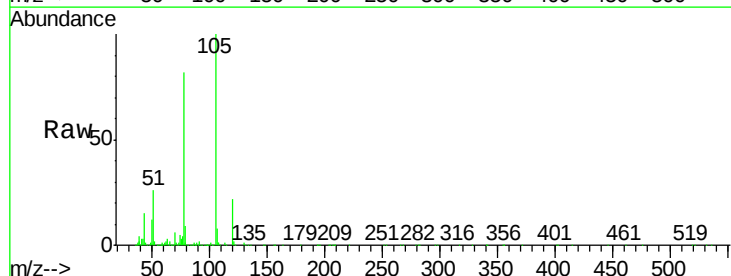


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

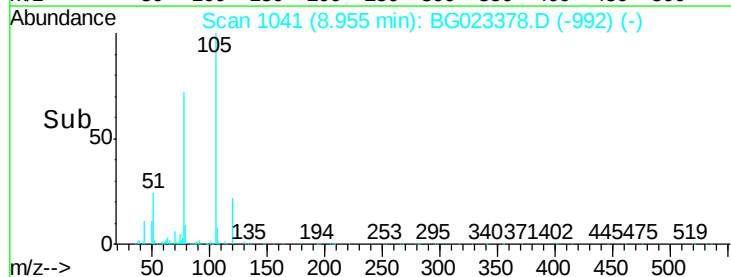
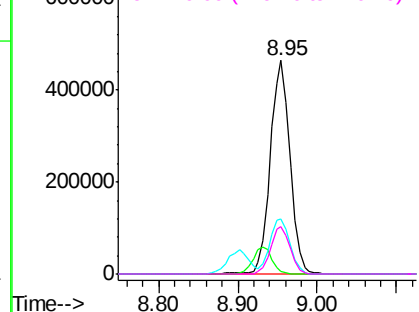


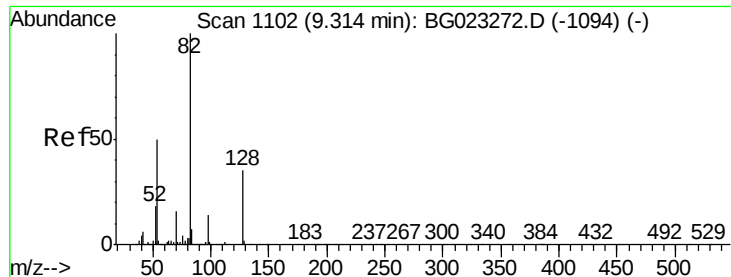
#22  
Acetophenone  
Concen: 35.01 ng  
RT: 8.95 min Scan# 1041  
Delta R.T. -0.01 min  
Lab File: BG023378.D  
Acq: 31 Jul 2016 21:40

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 806950 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 1.2     | 2.6   | 3.8#   |
| 51  | 25.6    | 27.1  | 40.7#  |
| 120 | 22.3    | 15.1  | 22.7   |



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

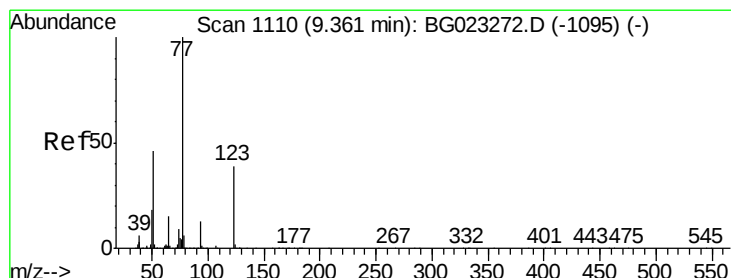
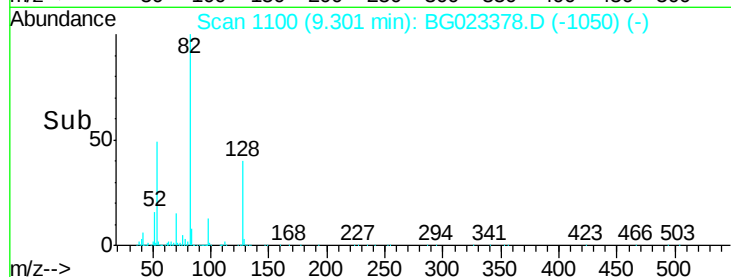
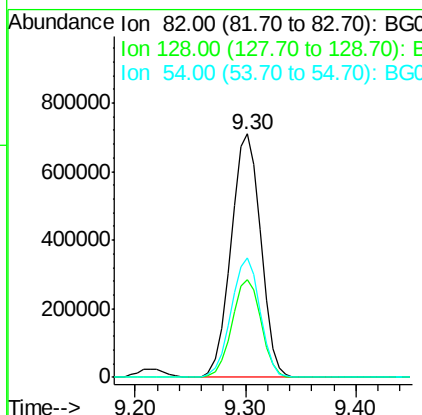
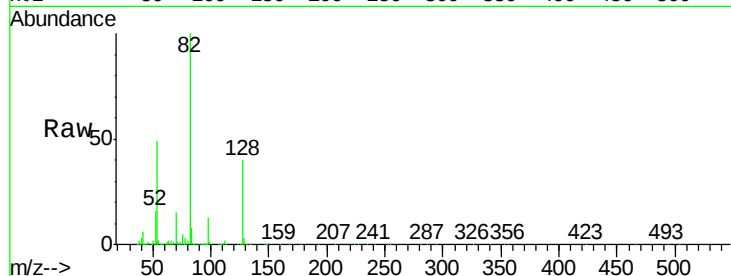




#23  
 Nitrobenzene-d5  
 Concen: 74.29 ng  
 RT: 9.30 min Scan# 1100  
 Delta R.T. -0.01 min  
 Lab File: BG023378.D  
 Acq: 31 Jul 2016 21:40

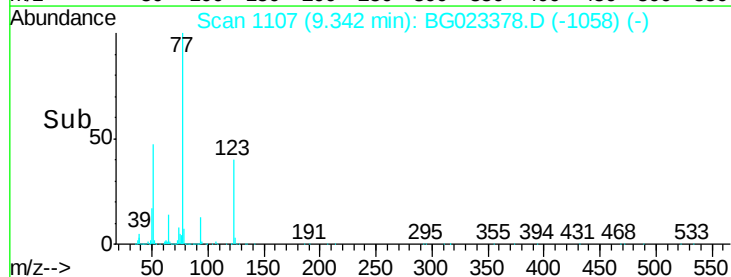
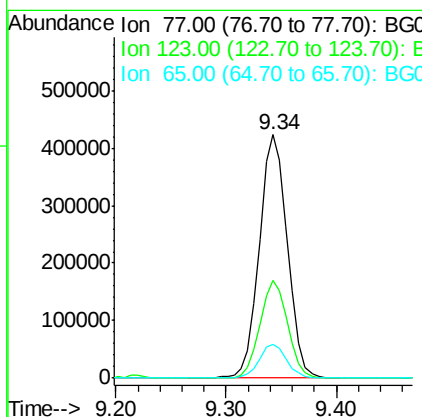
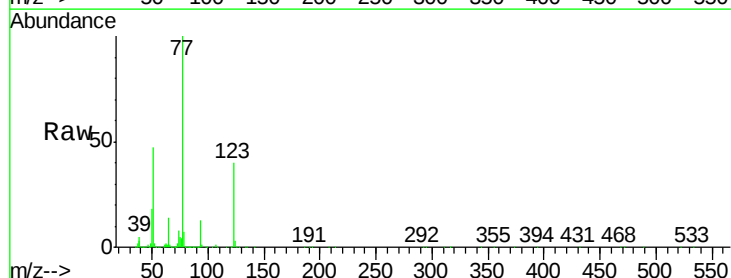
Instrument :  
 BNA\_G  
 ClientSampleId :

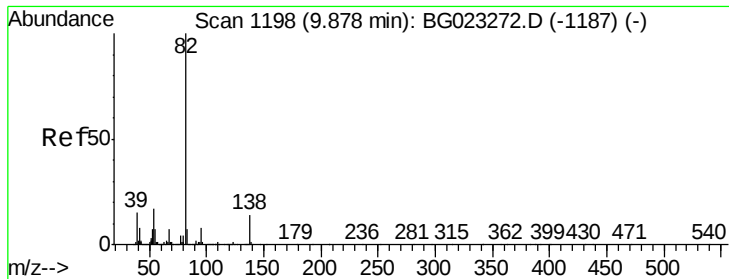
Tot Ion: 82 Resp: 1341083  
 Ion Ratio Lower Upper  
 82 100  
 128 40.3 24.4 36.6#  
 54 49.2 41.4 62.0



#24  
 Nitrobenzene  
 Concen: 35.85 ng  
 RT: 9.34 min Scan# 1107  
 Delta R.T. -0.01 min  
 Lab File: BG023378.D  
 Acq: 31 Jul 2016 21:40

Tgt Ion: 77 Resp: 751524  
 Ion Ratio Lower Upper  
 77 100  
 123 40.3 25.0 37.6#  
 65 13.7 13.4 20.0





#25

Isophorone

Concen: 40.58 ng

RT: 9.87 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Instrument :

BNA\_G

ClientSampleId :

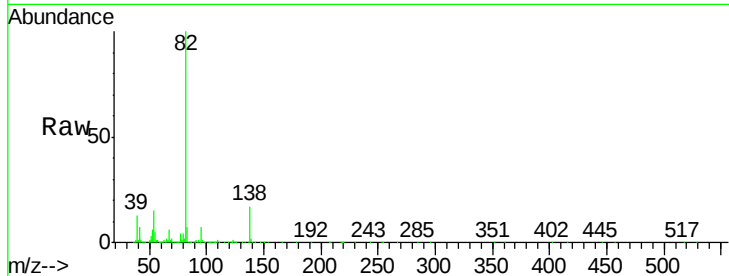
Tot Ion: 82 Resp: 1512815

Ion Ratio Lower Upper

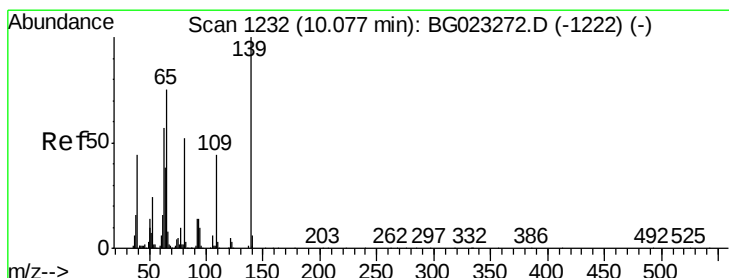
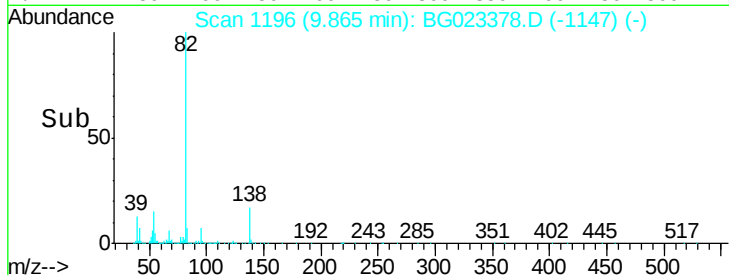
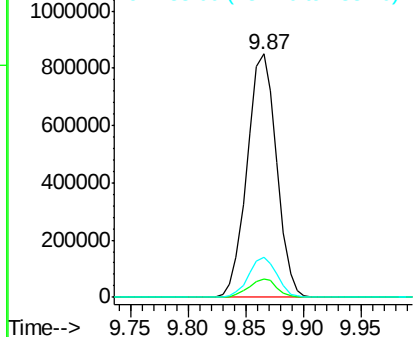
82 100

95 7.3 8.2 12.2#

138 16.6 10.7 16.1#



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



#26

2-Nitrophenol

Concen: 42.48 ng

RT: 10.06 min Scan# 1229

Delta R.T. -0.03 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

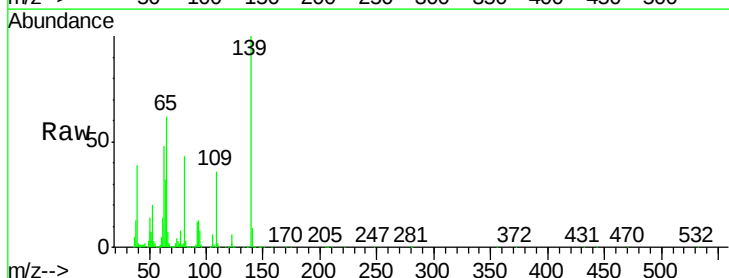
Tgt Ion: 139 Resp: 336339

Ion Ratio Lower Upper

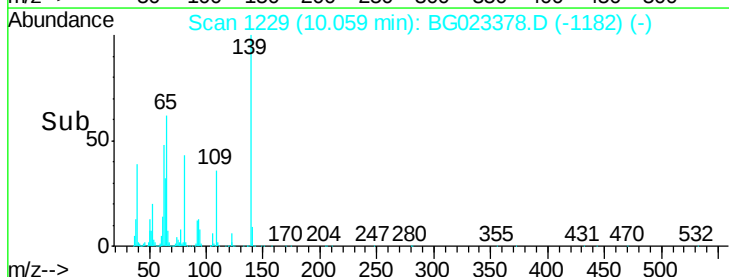
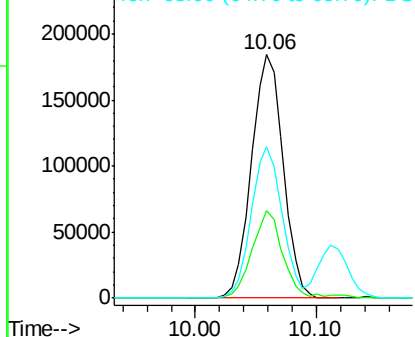
139 100

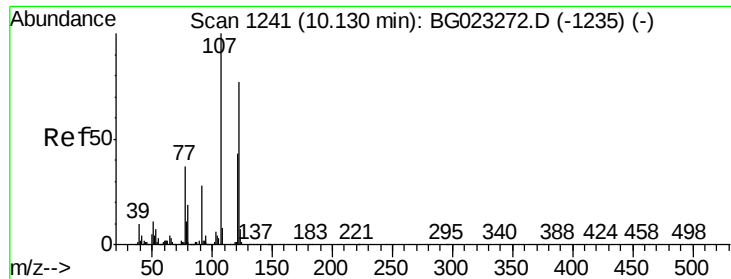
109 35.7 43.5 65.3#

65 62.4 64.3 96.5#



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

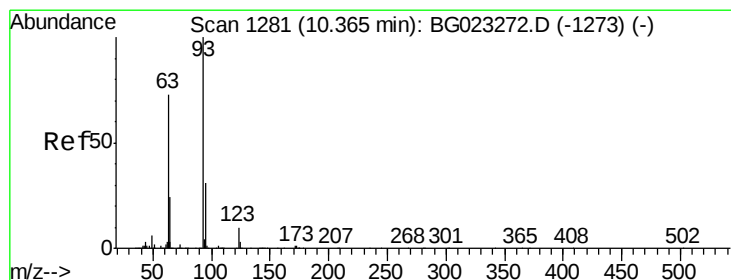
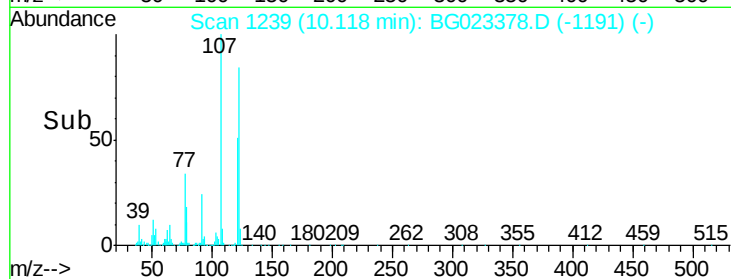
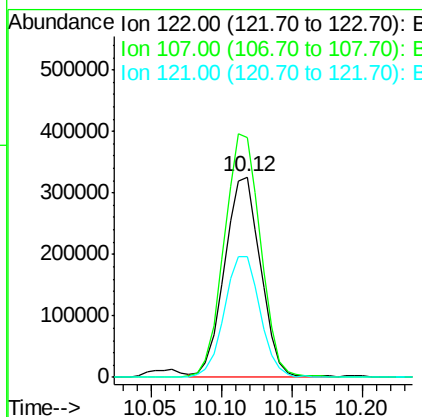
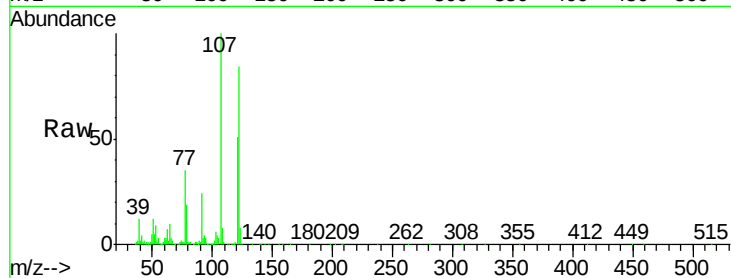




#27  
 2,4-Dimethylphenol  
 Concen: 43.05 ng  
 RT: 10.12 min Scan# 1239  
 Delta R.T. -0.02 min  
 Lab File: BG023378.D  
 Acq: 31 Jul 2016 21:40

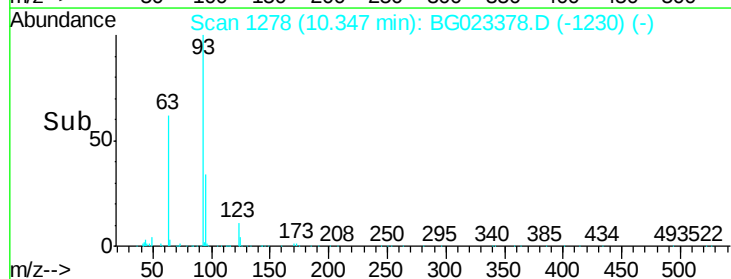
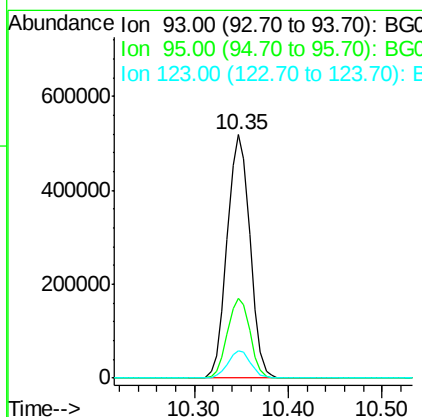
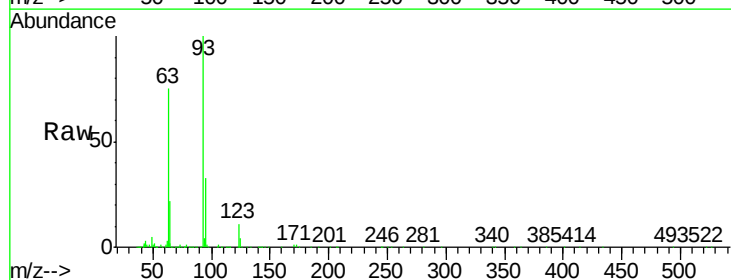
Instrument :  
 BNA\_G  
 ClientSampled :

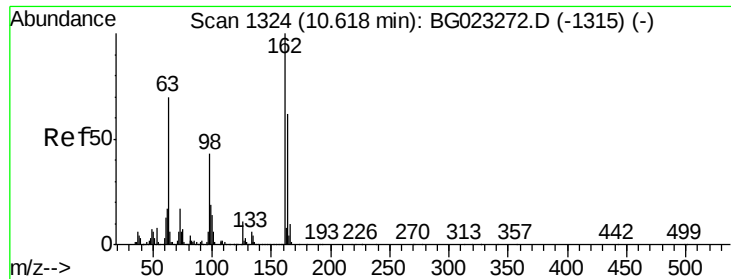
Tot Ion:122 Resp: 574576  
 Ion Ratio Lower Upper  
 122 100  
 107 119.2 117.0 175.4  
 121 60.3 50.1 75.1



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 41.65 ng  
 RT: 10.35 min Scan# 1278  
 Delta R.T. -0.02 min  
 Lab File: BG023378.D  
 Acq: 31 Jul 2016 21:40

Tgt Ion: 93 Resp: 871269  
 Ion Ratio Lower Upper  
 93 100  
 95 32.8 25.4 38.2  
 123 11.2 8.2 12.2

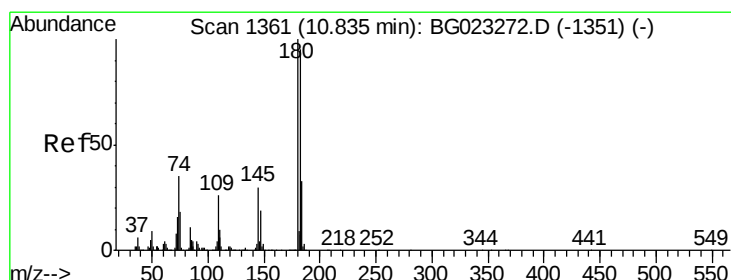
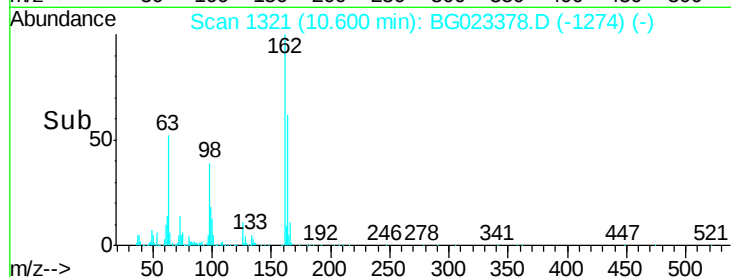
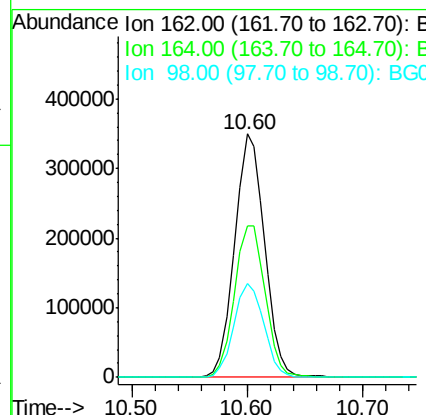
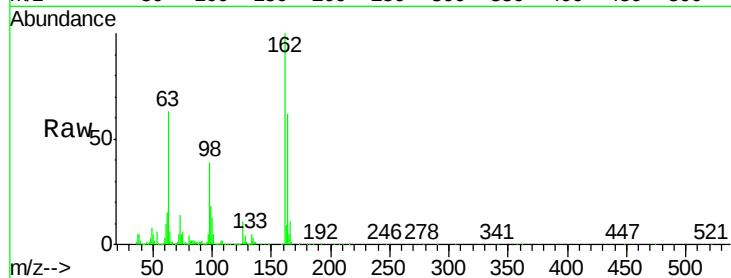




#29  
 2,4-Dichlorophenol  
 Concen: 48.70 ng  
 RT: 10.60 min Scan# 1321  
 Delta R.T. -0.03 min  
 Lab File: BG023378.D  
 Acq: 31 Jul 2016 21:40

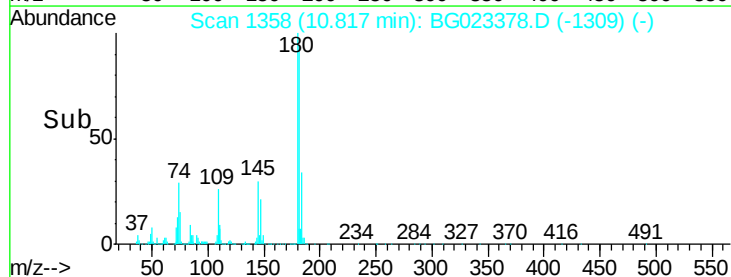
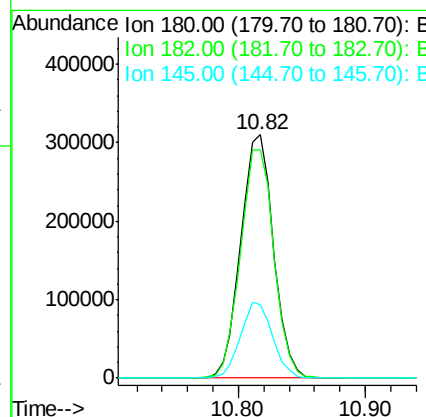
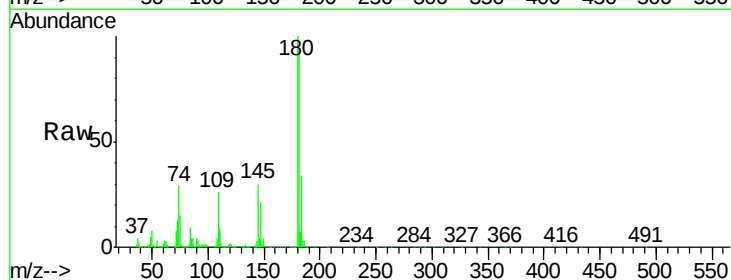
Instrument :  
 BNA\_G  
 ClientSampleId :

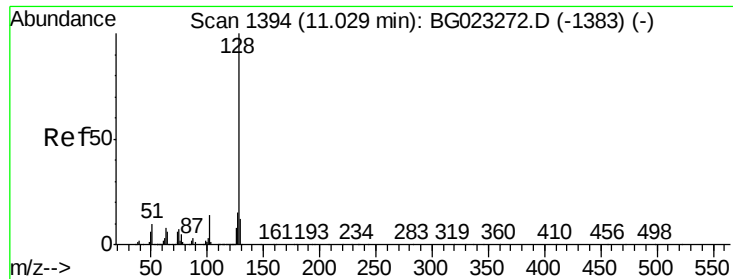
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 62.2  | 44.3  | 84.3  |
| 98      | 38.6  | 19.5  | 59.5  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 38.80 ng  
 RT: 10.82 min Scan# 1358  
 Delta R.T. -0.01 min  
 Lab File: BG023378.D  
 Acq: 31 Jul 2016 21:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.5  | 73.8  | 110.8 |
| 145     | 30.1  | 24.4  | 36.6  |

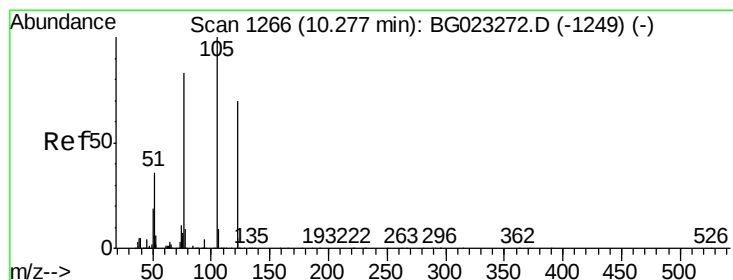
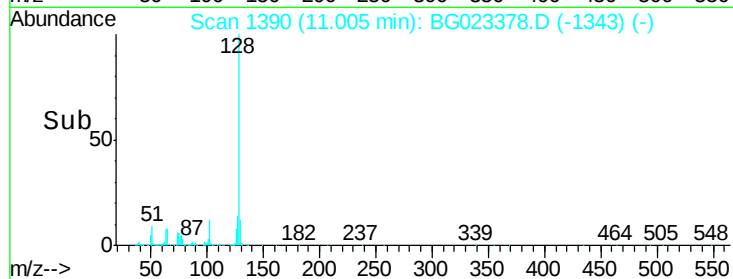
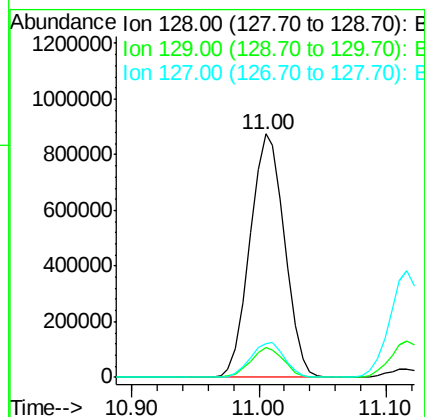
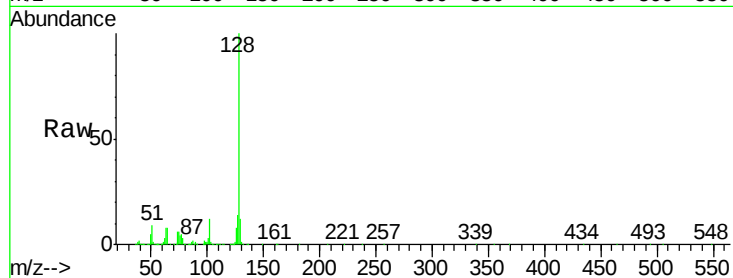




#31  
Naphthalene  
Concen: 40.41 ng  
RT: 11.00 min Scan# 1390  
Delta R.T. -0.03 min  
Lab File: BG023378.D  
Acq: 31 Jul 2016 21:40

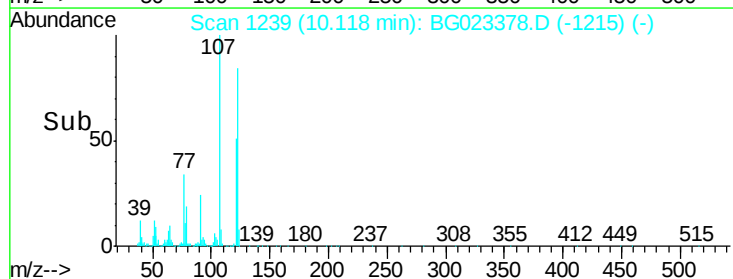
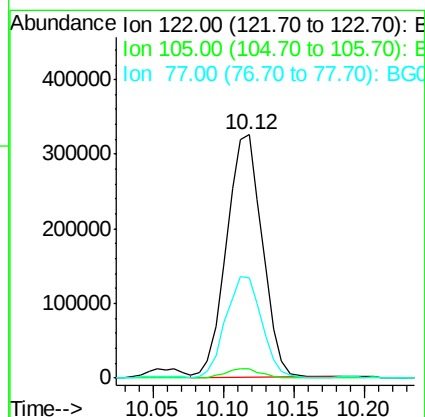
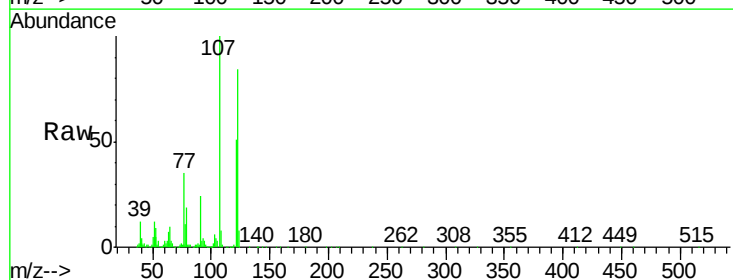
Instrument :  
BNA\_G  
ClientSampleId :

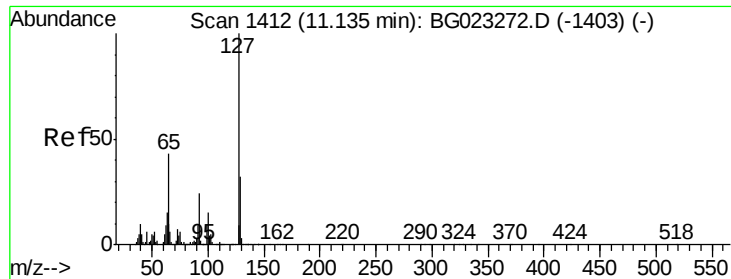
Tot Ion:128 Resp: 1657468  
Ion Ratio Lower Upper  
128 100  
129 12.0 9.4 14.0  
127 13.9 11.3 16.9



#32  
Benzoic acid  
Concen: 52.06 ng  
RT: 10.12 min Scan# 1239  
Delta R.T. -0.16 min  
Lab File: BG023378.D  
Acq: 31 Jul 2016 21:40

Tgt Ion:122 Resp: 574576  
Ion Ratio Lower Upper  
122 100  
105 3.8 117.2 157.2#  
77 41.2 109.2 149.2#

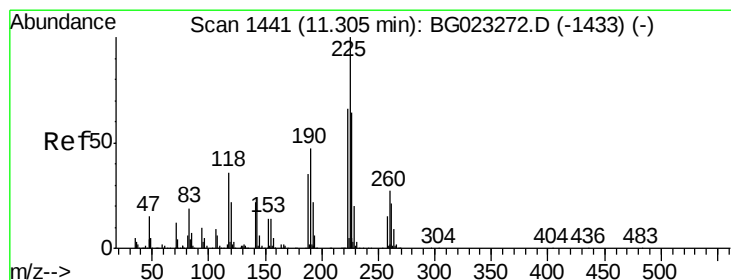
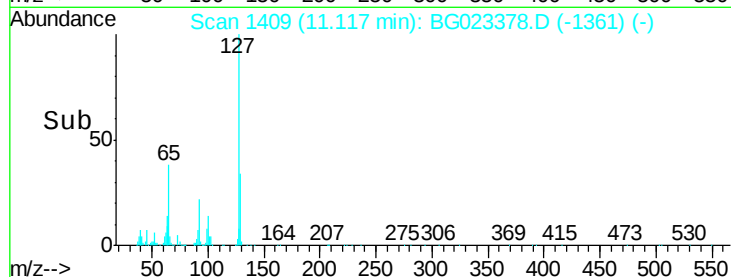
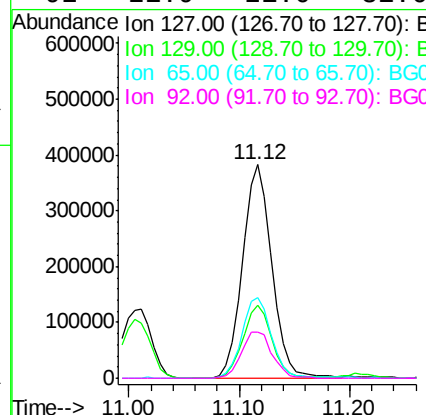
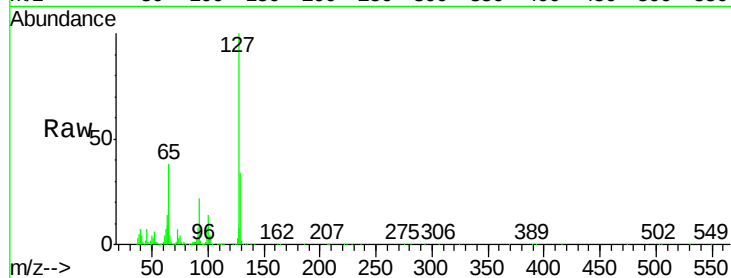




#33  
4-Chloroaniline  
Concen: 37.78 ng  
RT: 11.12 min Scan# 1409  
Delta R.T. -0.02 min  
Lab File: BG023378.D  
Acq: 31 Jul 2016 21:40

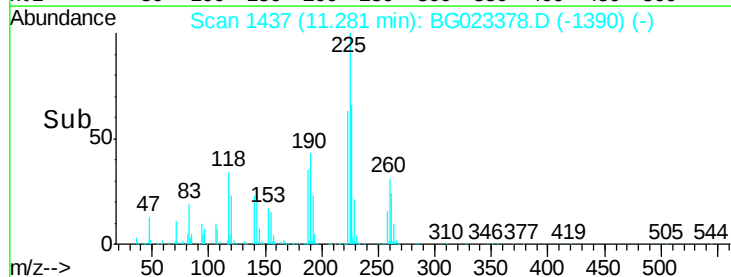
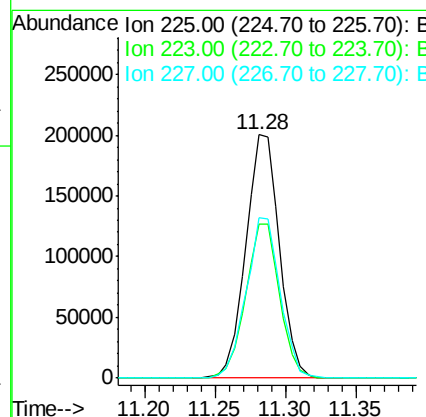
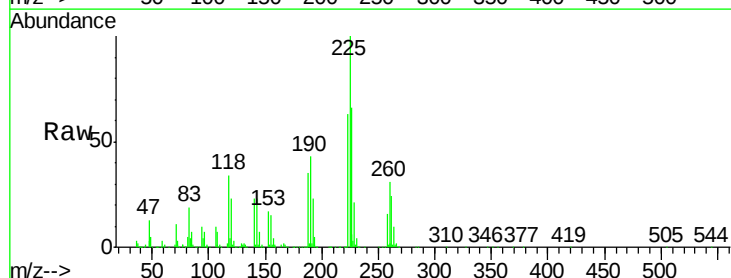
Instrument :  
BNA\_G  
ClientSampled :

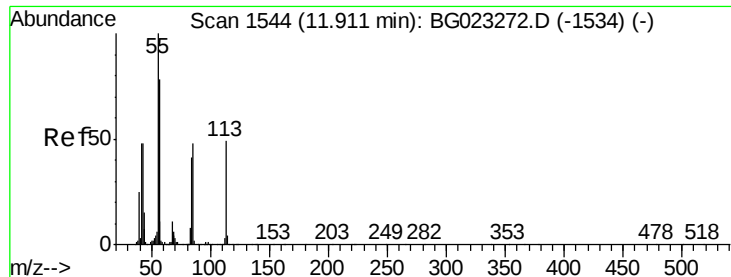
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 715853 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 34.3  | 27.9  | 41.9   |
| 65       | 37.8  | 36.8  | 55.2   |
| 92       | 21.9  | 21.0  | 31.6   |



#34  
Hexachlorobutadiene  
Concen: 35.63 ng  
RT: 11.28 min Scan# 1437  
Delta R.T. -0.03 min  
Lab File: BG023378.D  
Acq: 31 Jul 2016 21:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 333446 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.0  | 49.6  | 74.4   |
| 227      | 65.9  | 54.5  | 81.7   |

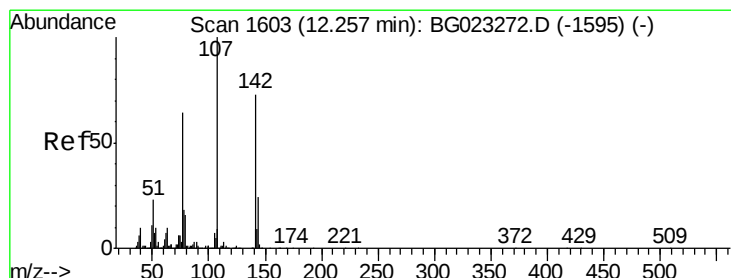
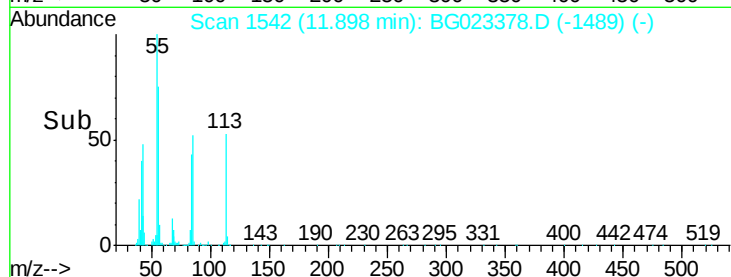
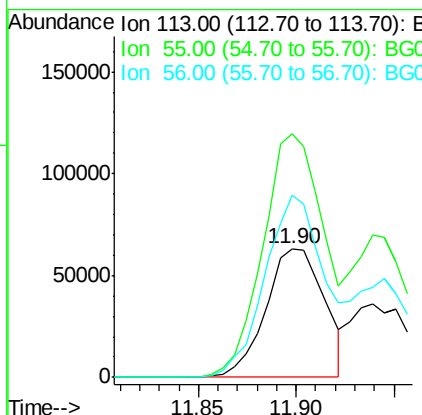
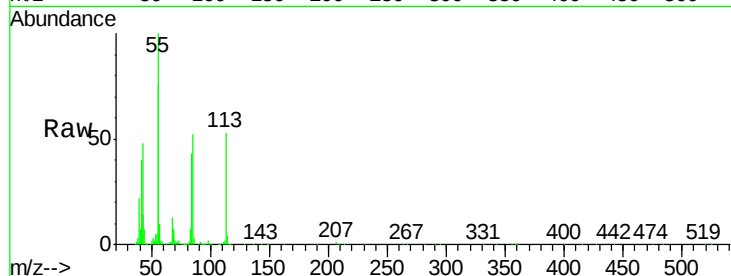




#35  
 Caprolactam  
 Concen: 23.83 ng  
 RT: 11.90 min Scan# 1542  
 Delta R.T. 0.01 min  
 Lab File: BG023378.D  
 Acq: 31 Jul 2016 21:40

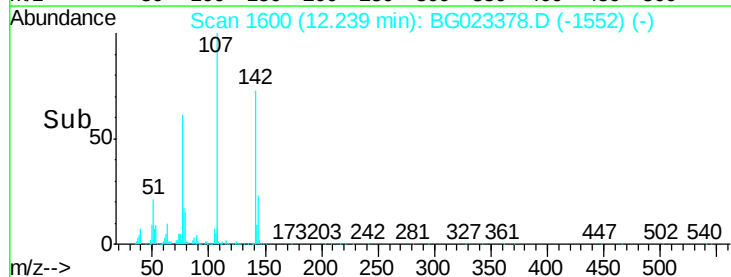
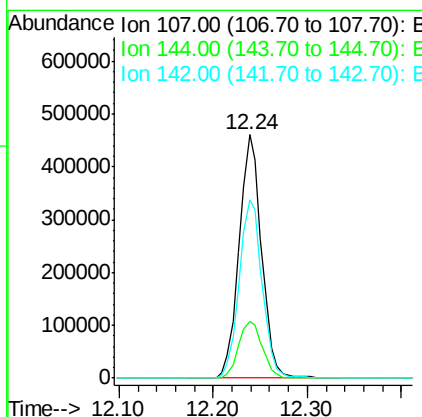
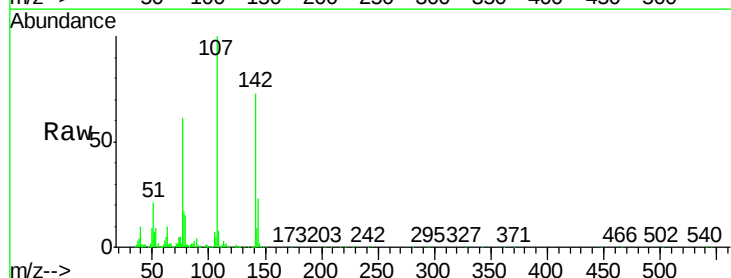
Instrument :  
 BNA\_G  
 ClientSampleId :

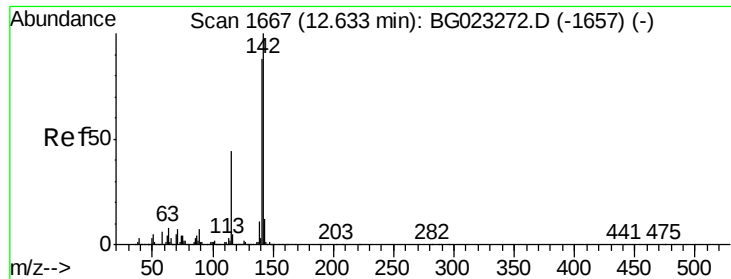
Tot Ion:113 Resp: 130927  
 Ion Ratio Lower Upper  
 113 100  
 55 189.3 154.5 194.5  
 56 141.3 125.1 165.1



#36  
 4-Chloro-3-methylphenol  
 Concen: 44.87 ng  
 RT: 12.24 min Scan# 1600  
 Delta R.T. -0.02 min  
 Lab File: BG023378.D  
 Acq: 31 Jul 2016 21:40

Tgt Ion:107 Resp: 761609  
 Ion Ratio Lower Upper  
 107 100  
 144 23.3 17.0 25.6  
 142 73.2 53.0 79.6

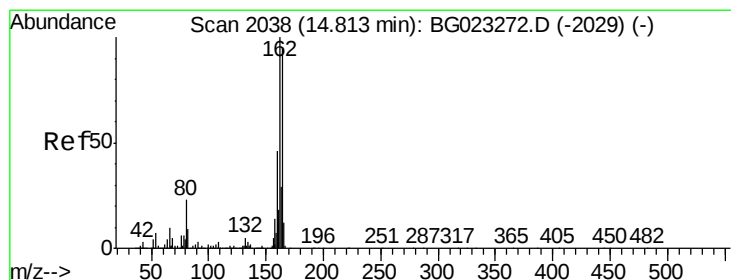
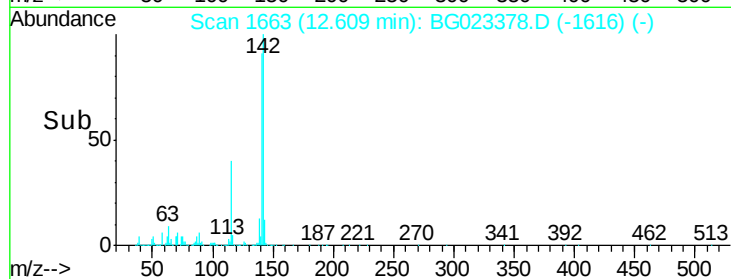
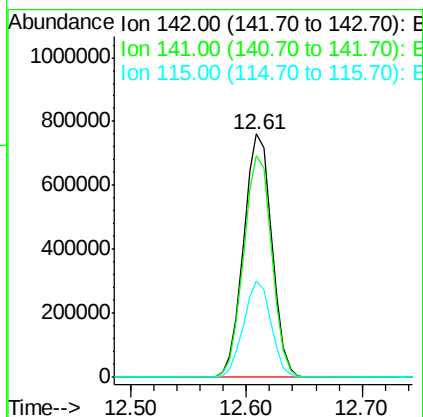
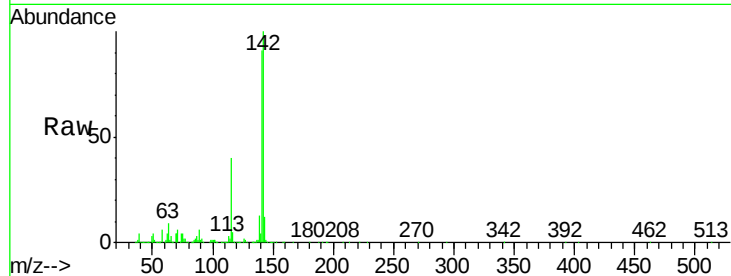




#37  
 2-Methylnaphthalene  
 Concen: 42.66 ng  
 RT: 12.61 min Scan# 1663  
 Delta R.T. -0.03 min  
 Lab File: BG023378.D  
 Acq: 31 Jul 2016 21:40

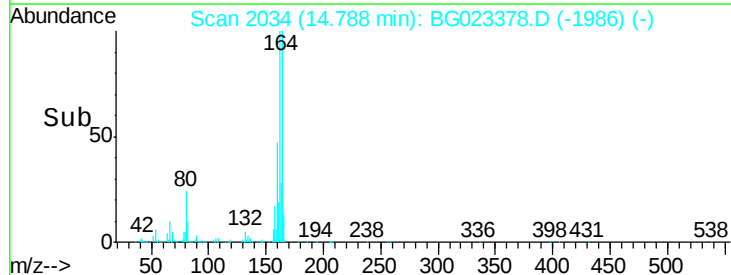
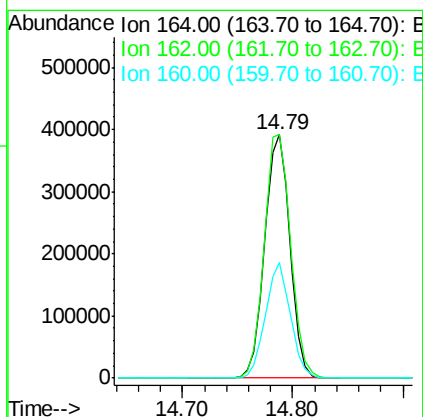
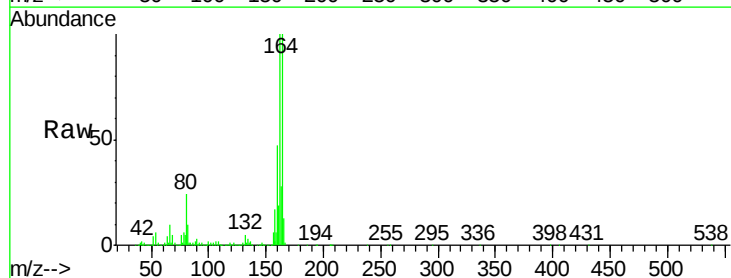
Instrument :  
 BNA\_G  
 ClientSampleID :

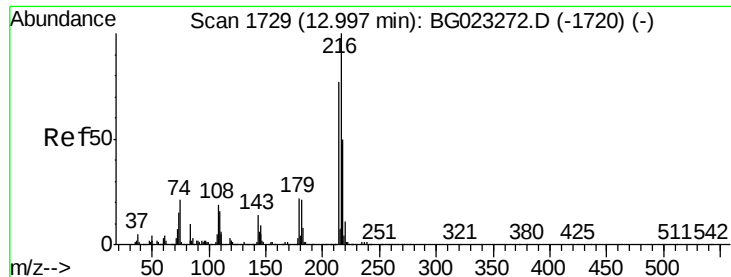
Tot Ion:142 Resp: 1297264  
 Ion Ratio Lower Upper  
 142 100  
 141 91.0 70.2 105.2  
 115 39.8 41.7 62.5#



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.79 min Scan# 2034  
 Delta R.T. -0.02 min  
 Lab File: BG023378.D  
 Acq: 31 Jul 2016 21:40

Tgt Ion:164 Resp: 626168  
 Ion Ratio Lower Upper  
 164 100  
 162 100.0 87.7 131.5  
 160 47.4 37.2 55.8

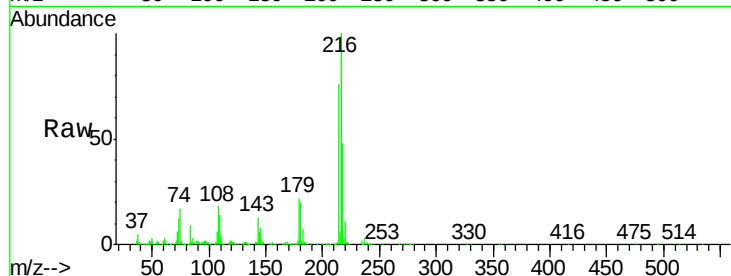




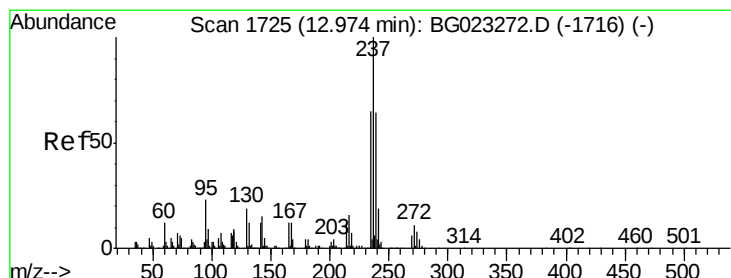
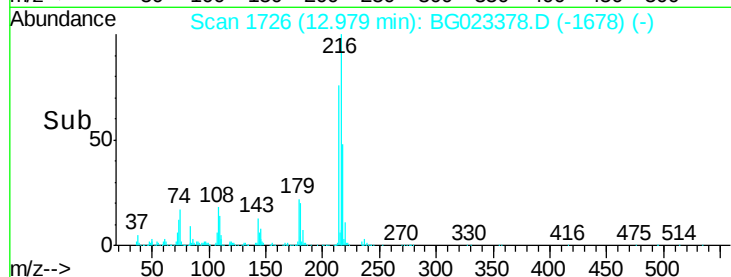
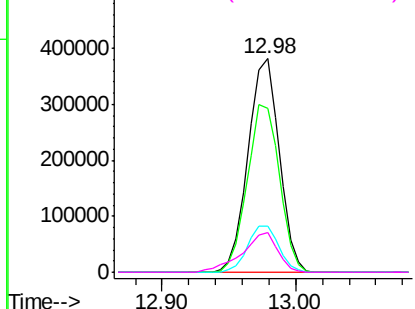
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 30.33 ng  
 RT: 12.98 min Scan# 1726  
 Delta R.T. -0.02 min  
 Lab File: BG023378.D  
 Acq: 31 Jul 2016 21:40

Instrument :  
 BNA\_G  
 ClientSampled :

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:216 | Resp: | 614874    |
| Ion Ratio   | Lower | Upper     |
| 216         | 100   |           |
| 214         | 80.7  | 62.9 94.3 |
| 179         | 22.1  | 17.2 25.8 |
| 108         | 21.3  | 16.3 24.5 |

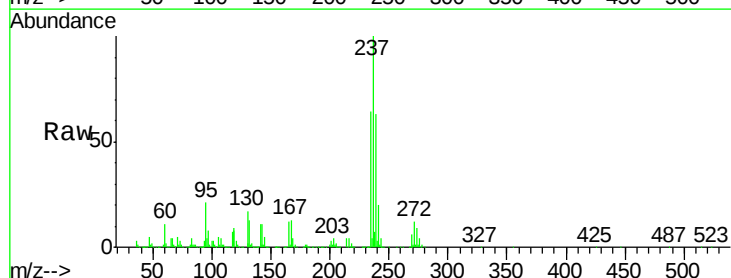


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

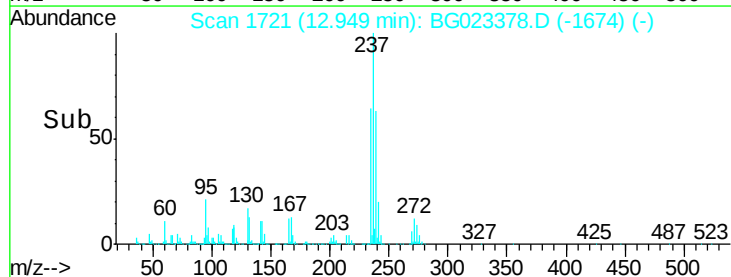
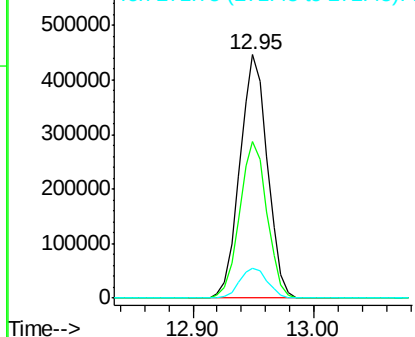


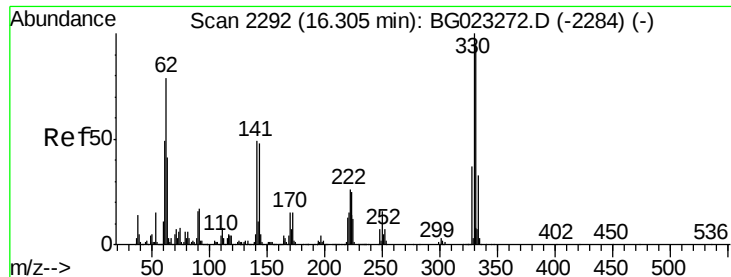
#40  
 Hexachlorocyclopentadiene  
 Concen: 73.67 ng  
 RT: 12.95 min Scan# 1721  
 Delta R.T. -0.03 min  
 Lab File: BG023378.D  
 Acq: 31 Jul 2016 21:40

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:237 | Resp: | 707675    |
| Ion Ratio   | Lower | Upper     |
| 237         | 100   |           |
| 235         | 64.2  | 43.1 83.1 |
| 272         | 12.4  | 0.0 30.9  |



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

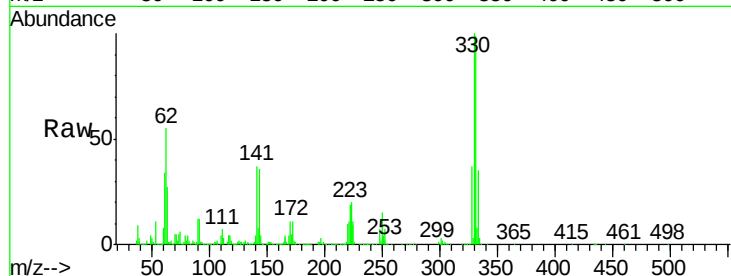




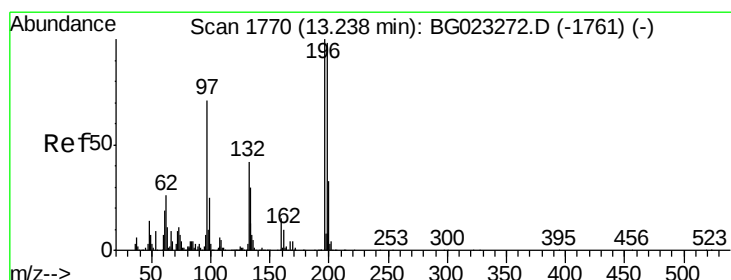
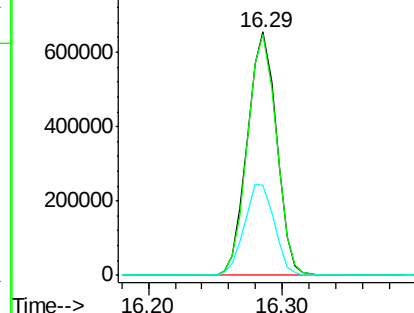
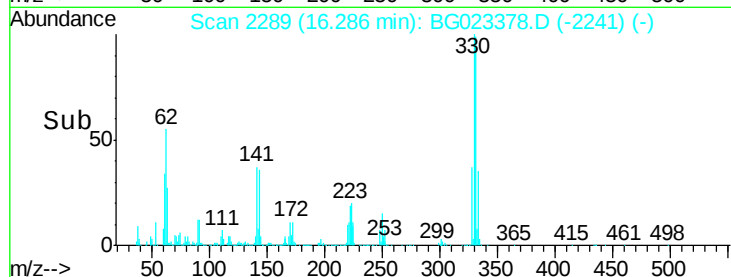
#41  
 2,4,6-Tribromophenol  
 Concen: 152.31 ng  
 RT: 16.29 min Scan# 2289  
 Delta R.T. -0.02 min  
 Lab File: BG023378.D  
 Acq: 31 Jul 2016 21:40

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:330 Resp: 987121  
 Ion Ratio Lower Upper  
 330 100  
 332 99.0 77.4 116.2  
 141 38.5 31.7 47.5

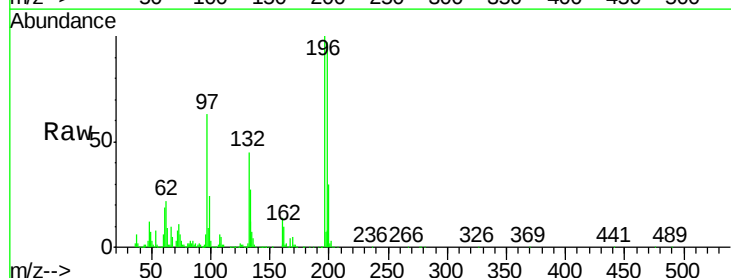


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

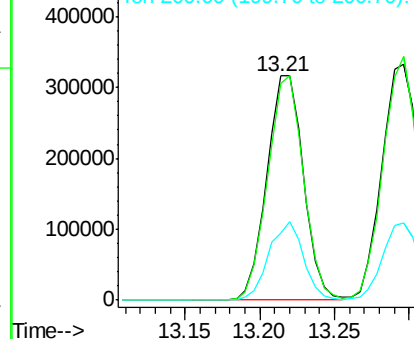
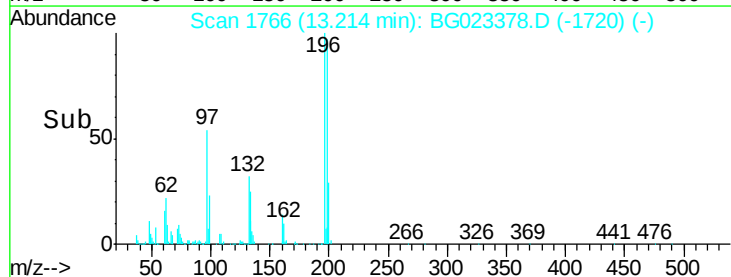


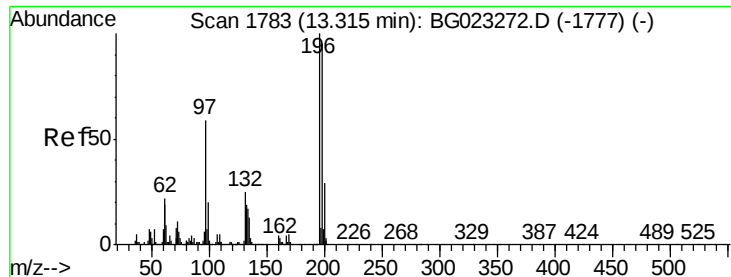
#42  
 2,4,6-Trichlorophenol  
 Concen: 45.19 ng  
 RT: 13.21 min Scan# 1766  
 Delta R.T. -0.03 min  
 Lab File: BG023378.D  
 Acq: 31 Jul 2016 21:40

Tgt Ion:196 Resp: 538089  
 Ion Ratio Lower Upper  
 196 100  
 198 96.9 78.2 117.2  
 200 30.0 27.0 40.4



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

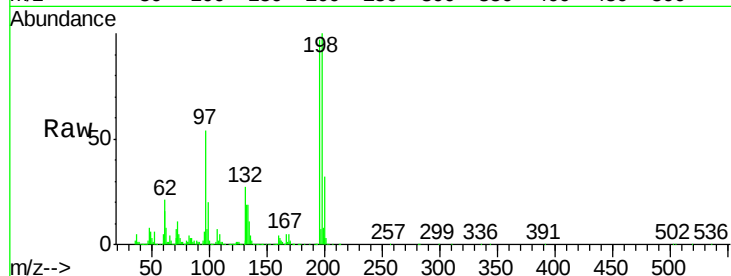




#43  
2,4,5-Trichlorophenol  
Concen: 46.01 ng  
RT: 13.30 min Scan# 1780  
Delta R.T. -0.03 min  
Lab File: BG023378.D  
Acq: 31 Jul 2016 21:40

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 103.3 | 85.7  | 128.5 |
| 97      | 55.3  | 45.5  | 68.3  |
| 132     | 28.0  | 18.9  | 28.3  |



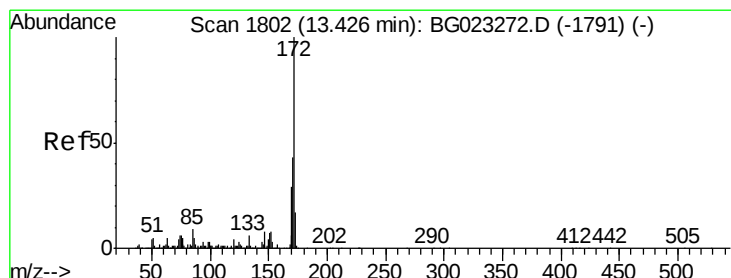
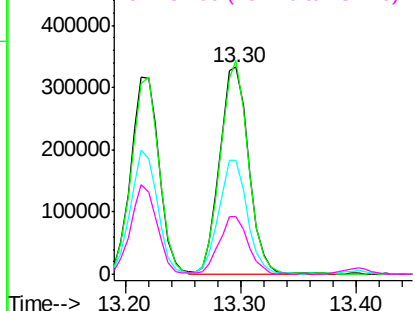
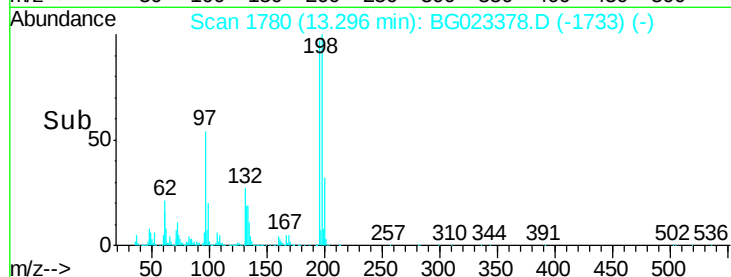
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

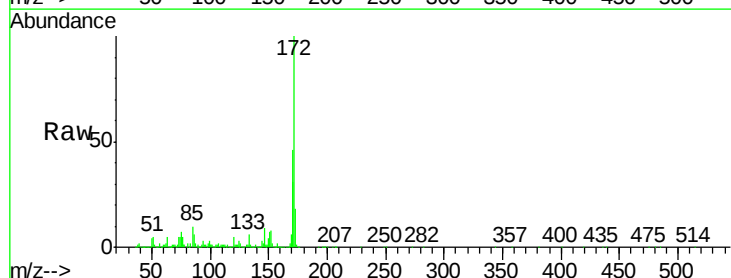
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44  
2-Fluorobiphenyl  
Concen: 79.44 ng  
RT: 13.40 min Scan# 1798  
Delta R.T. -0.02 min  
Lab File: BG023378.D  
Acq: 31 Jul 2016 21:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 45.8  | 31.6  | 47.4  |
| 170     | 31.1  | 21.3  | 31.9  |

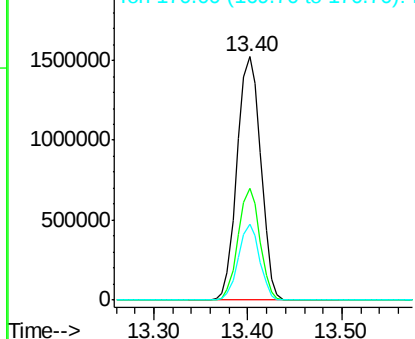
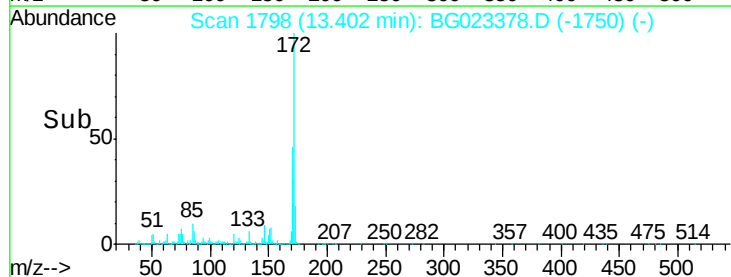


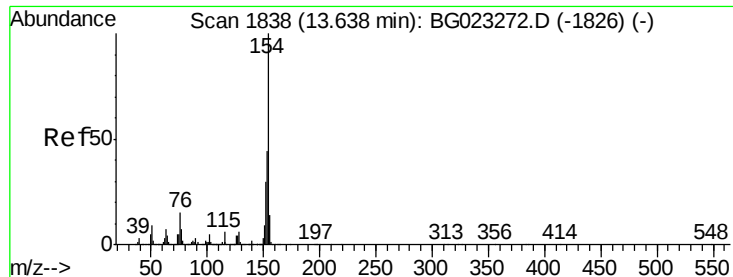
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

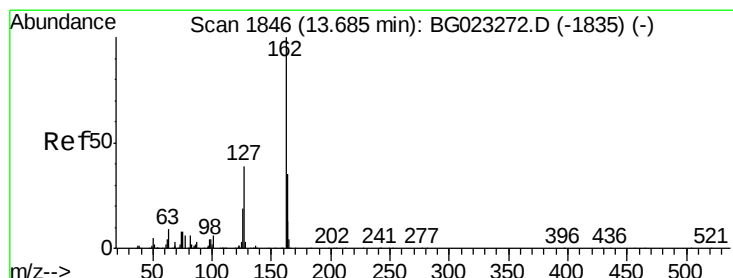
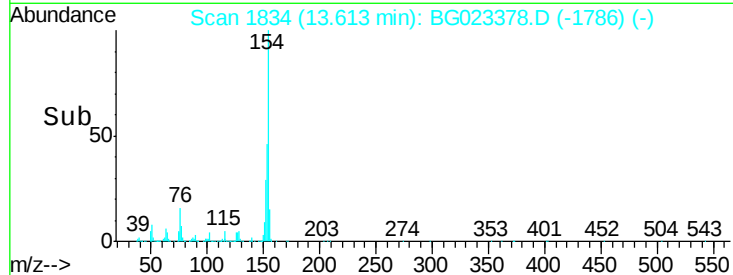
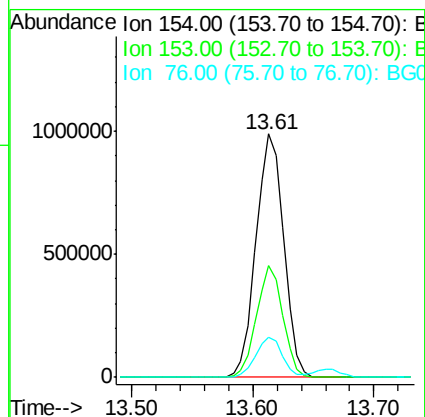
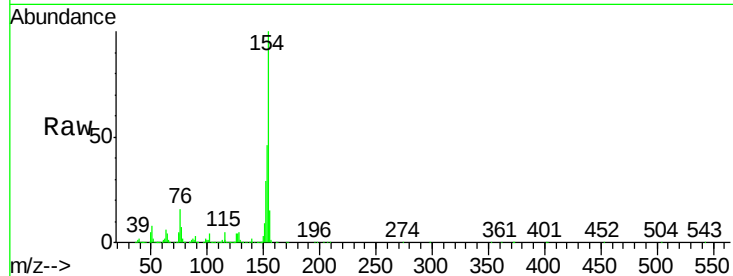




#45  
 1,1'-Biphenyl  
 Concen: 36.25 ng  
 RT: 13.61 min Scan# 1834  
 Delta R.T. -0.02 min  
 Lab File: BG023378.D  
 Acq: 31 Jul 2016 21:40

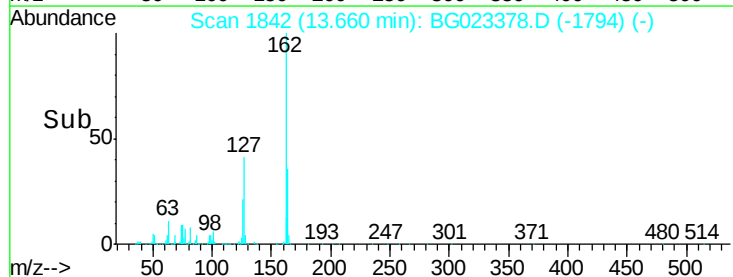
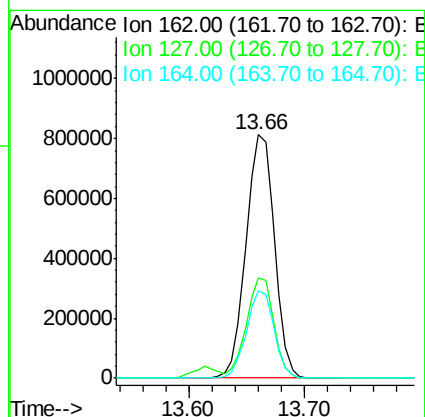
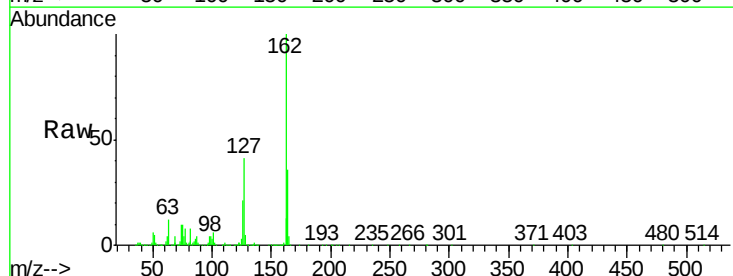
Instrument :  
 BNA\_G  
 ClientSampleId :

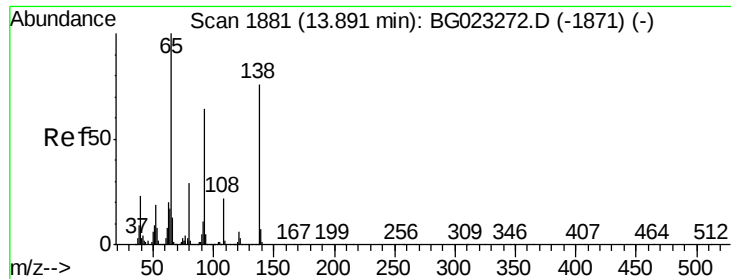
Tot Ion:154 Resp: 1583023  
 Ion Ratio Lower Upper  
 154 100  
 153 45.7 20.2 60.2  
 76 16.4 0.0 32.9



#46  
 2-Chloronaphthalene  
 Concen: 39.71 ng  
 RT: 13.66 min Scan# 1842  
 Delta R.T. -0.02 min  
 Lab File: BG023378.D  
 Acq: 31 Jul 2016 21:40

Tgt Ion:162 Resp: 1389734  
 Ion Ratio Lower Upper  
 162 100  
 127 41.4 32.4 48.6  
 164 36.0 25.2 37.8





#47

2-Nitroaniline

Concen: 41.52 ng

RT: 13.87 min Scan# 1877

Delta R.T. -0.02 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Instrument :

BNA\_G

ClientSampleId :

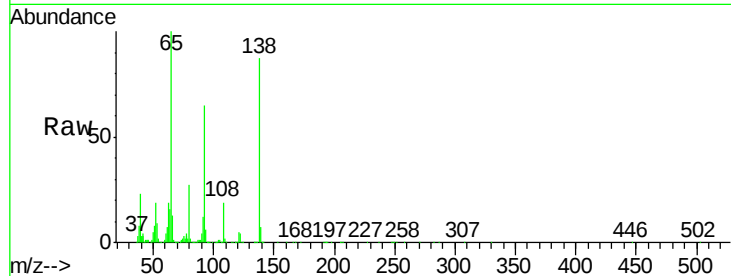
Tot Ion: 65 Resp: 614582

Ion Ratio Lower Upper

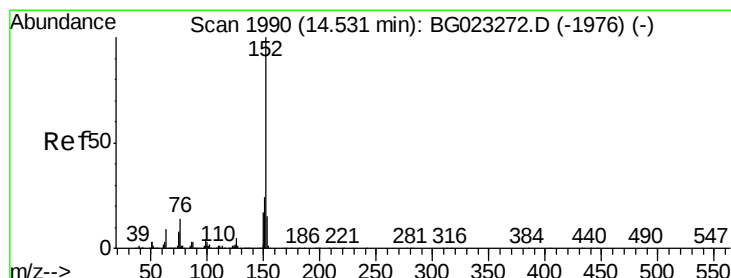
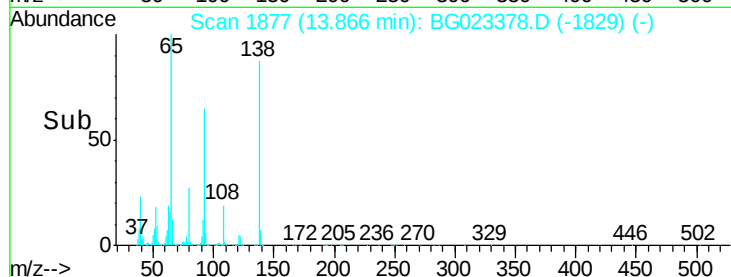
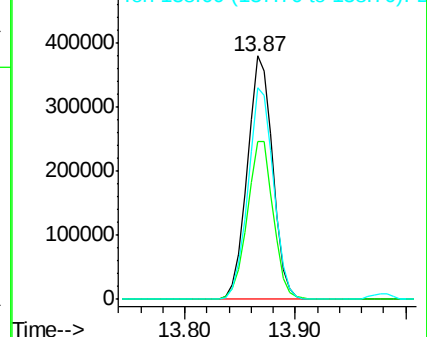
65 100

92 64.6 49.4 74.0

138 86.7 58.0 87.0



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



#48

Acenaphthylene

Concen: 40.63 ng

RT: 14.51 min Scan# 1987

Delta R.T. -0.02 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

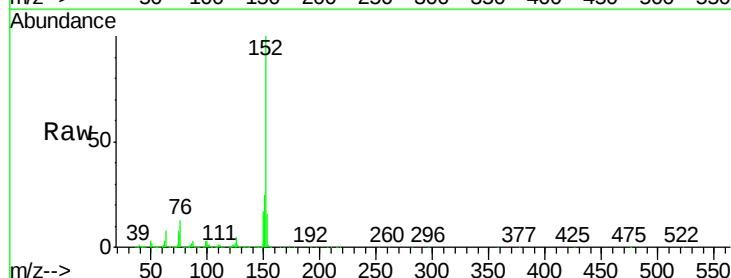
Tgt Ion: 152 Resp: 2176656

Ion Ratio Lower Upper

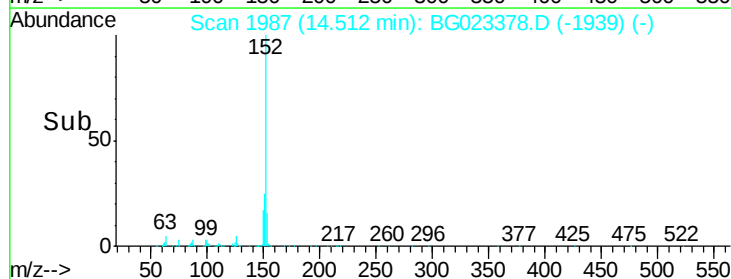
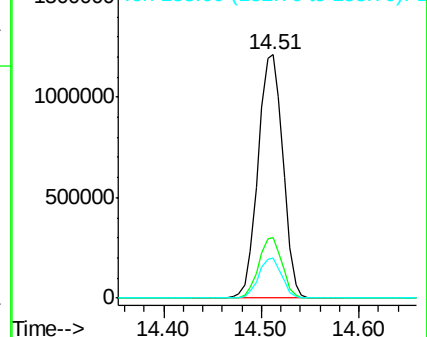
152 100

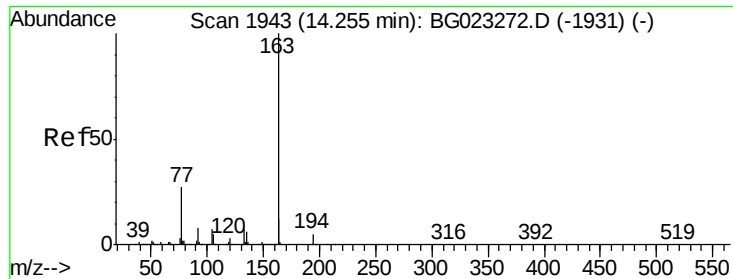
151 25.0 17.6 26.4

153 16.3 11.4 17.2



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

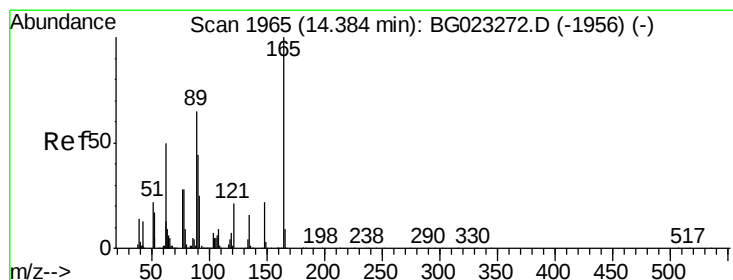
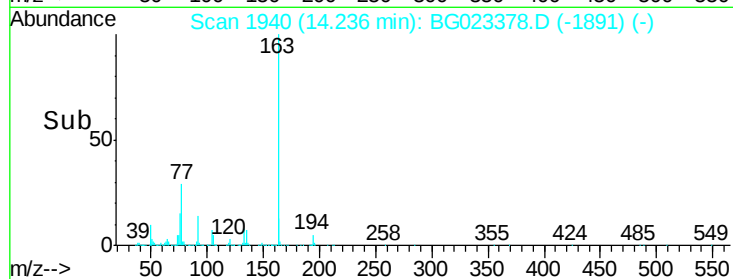
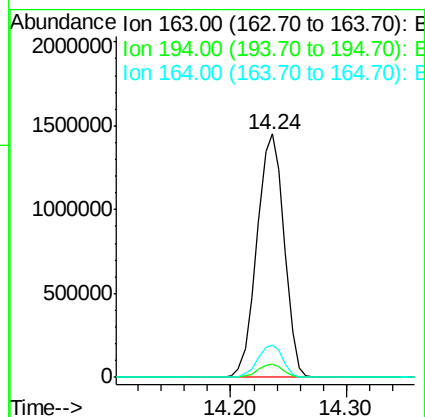
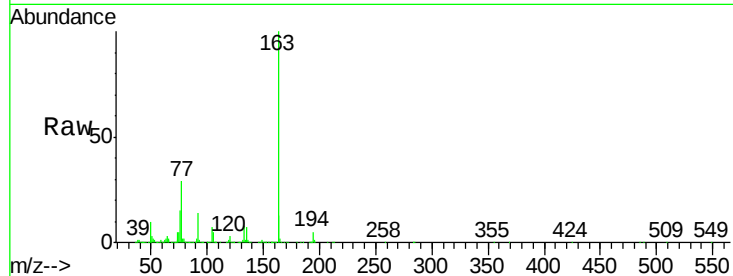




#49  
Dimethylphthalate  
Concen: 51.43 ng  
RT: 14.24 min Scan# 1940  
Delta R.T. -0.01 min  
Lab File: BG023378.D  
Acq: 31 Jul 2016 21:40

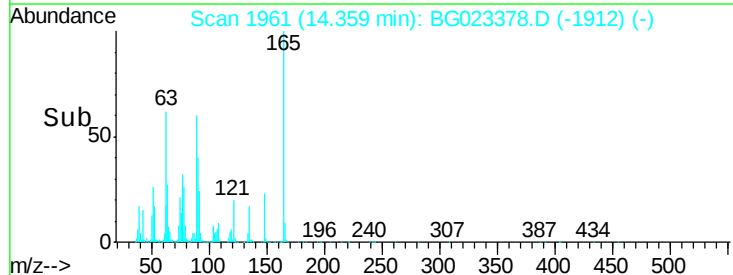
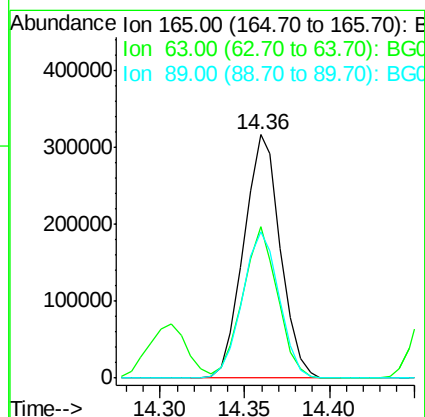
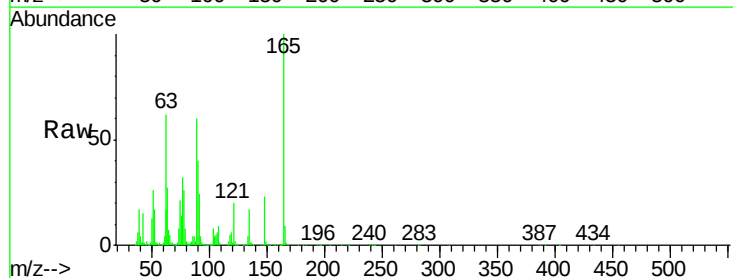
Instrument :  
BNA\_G  
ClientSampleId :

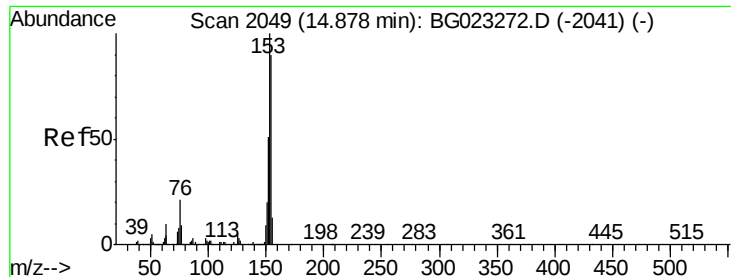
Tot Ion:163 Resp: 2376633  
Ion Ratio Lower Upper  
163 100  
194 5.5 3.6 5.4#  
164 13.2 8.1 12.1#



#50  
2,6-Dinitrotoluene  
Concen: 44.09 ng  
RT: 14.36 min Scan# 1961  
Delta R.T. -0.01 min  
Lab File: BG023378.D  
Acq: 31 Jul 2016 21:40

Tgt Ion:165 Resp: 477134  
Ion Ratio Lower Upper  
165 100  
63 62.3 64.3 96.5#  
89 60.1 64.3 96.5#





#51

Acenaphthene

Concen: 40.50 ng

RT: 14.85 min Scan# 2045

Delta R.T. -0.02 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Instrument :

BNA\_G

ClientSampleId :

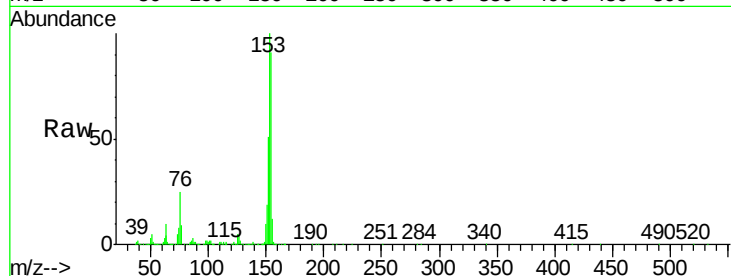
Tot Ion:154 Resp: 1407589

Ion Ratio Lower Upper

154 100

153 109.8 87.5 131.3

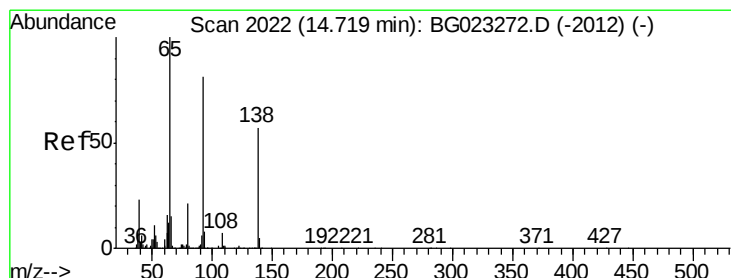
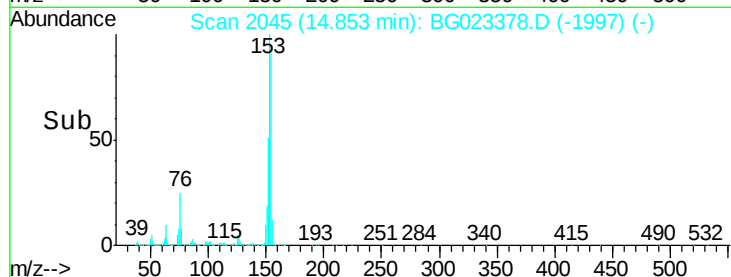
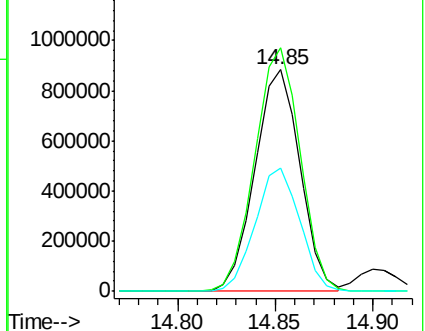
152 55.8 42.7 64.1



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: 44.75 ng

RT: 14.70 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

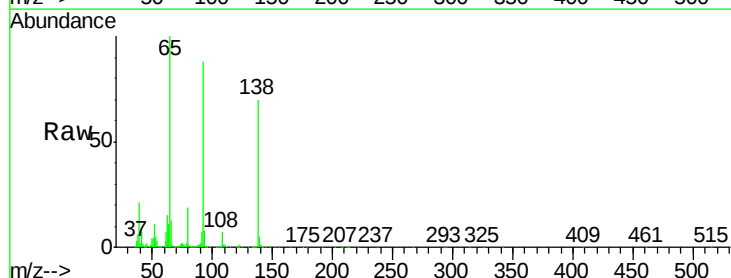
Tgt Ion:138 Resp: 487771

Ion Ratio Lower Upper

138 100

108 10.6 11.7 17.5#

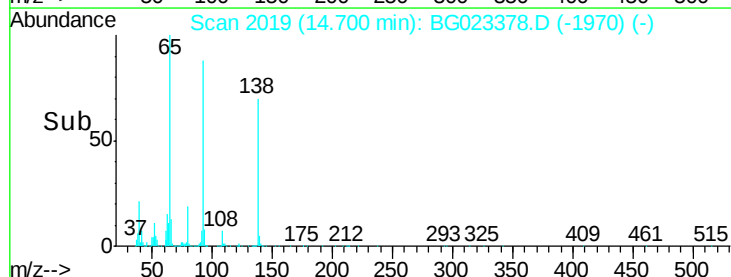
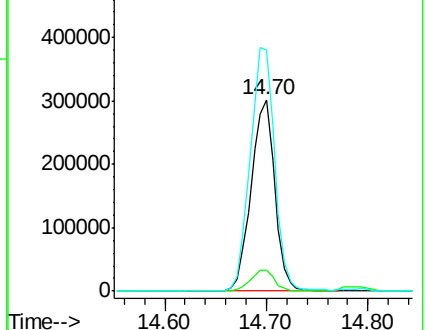
92 125.7 129.7 194.5#

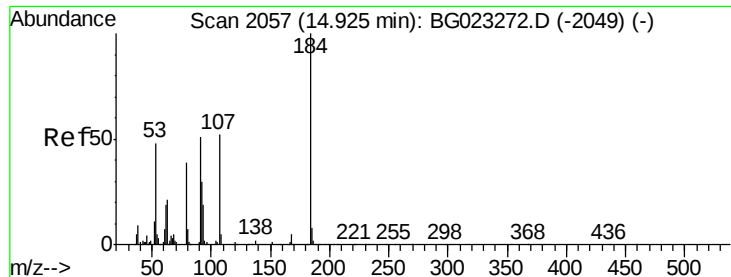


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

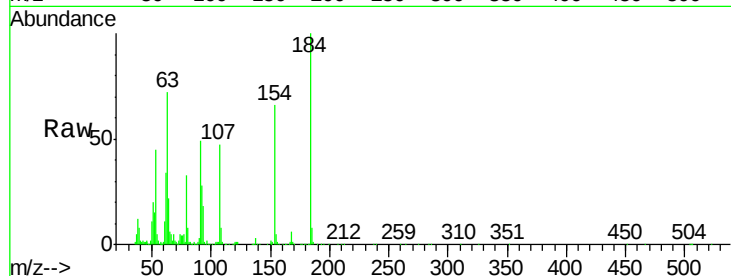




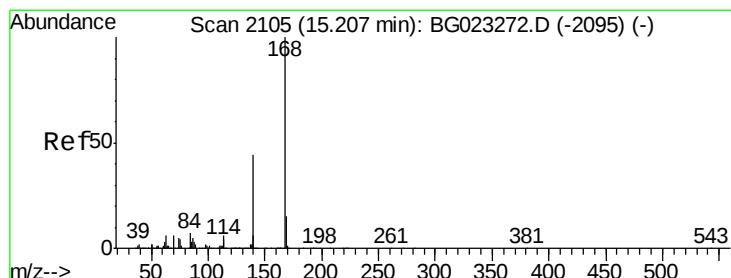
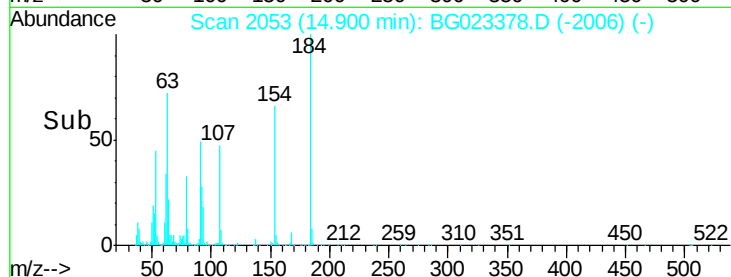
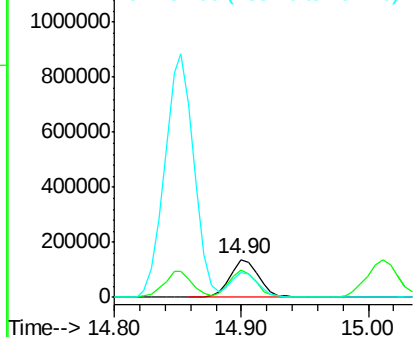
#53  
2,4-Dinitrophenol  
Concen: 34.31 ng  
RT: 14.90 min Scan# 2053  
Delta R.T. -0.02 min  
Lab File: BG023378.D  
Acq: 31 Jul 2016 21:40

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:184 Resp: 217371  
Ion Ratio Lower Upper  
184 100  
63 72.3 59.6 89.4  
154 65.8 67.4 101.0#

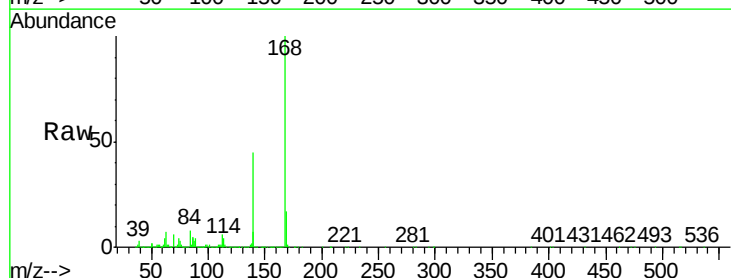


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 154.00 (153.70 to 154.70): E

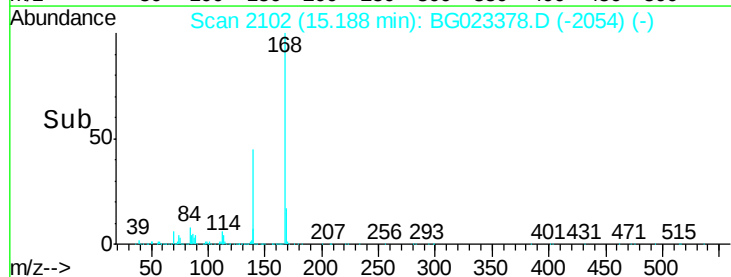
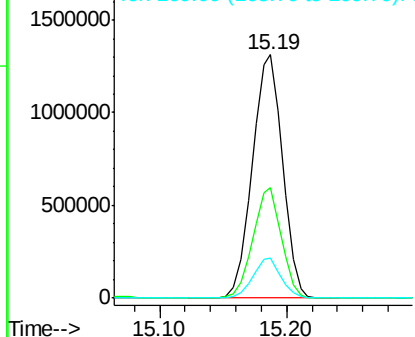


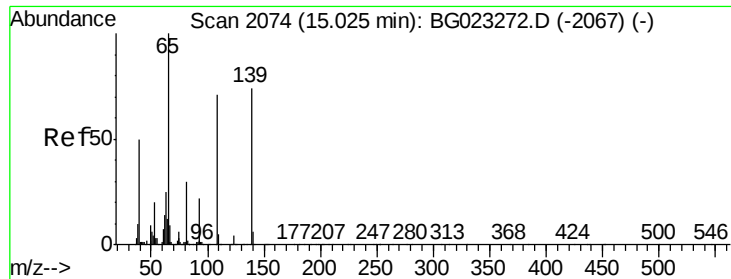
#54  
Dibenzofuran  
Concen: 44.08 ng  
RT: 15.19 min Scan# 2102  
Delta R.T. -0.02 min  
Lab File: BG023378.D  
Acq: 31 Jul 2016 21:40

Tgt Ion:168 Resp: 2167899  
Ion Ratio Lower Upper  
168 100  
139 45.1 36.4 54.6  
169 16.5 11.9 17.9



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

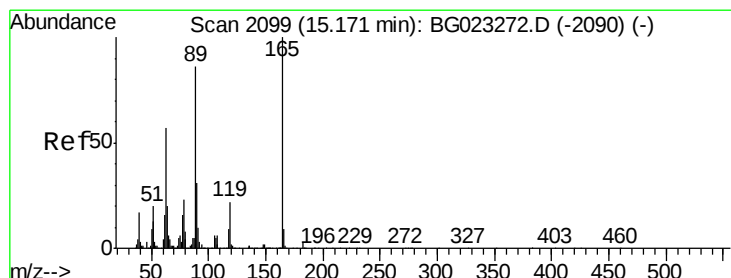
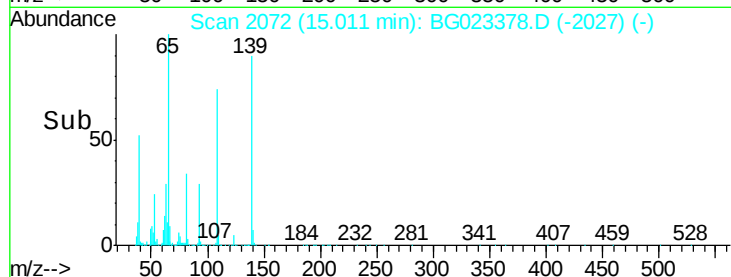
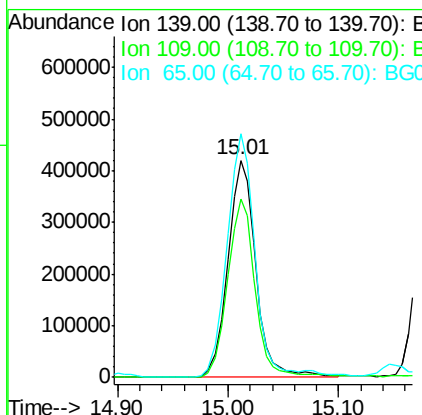
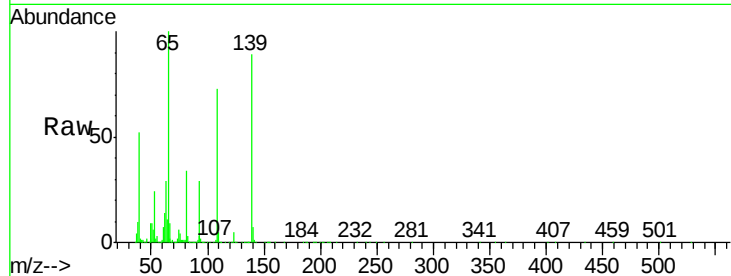




#55  
4-Nitrophenol  
Concen: 78.38 ng  
RT: 15.01 min Scan# 2072  
Delta R.T. -0.04 min  
Lab File: BG023378.D  
Acq: 31 Jul 2016 21:40

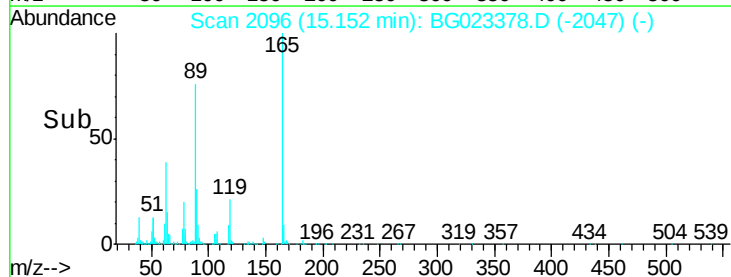
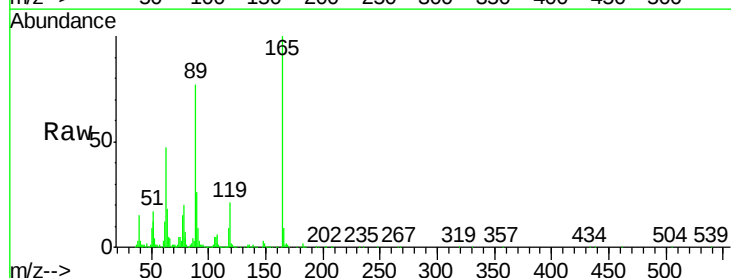
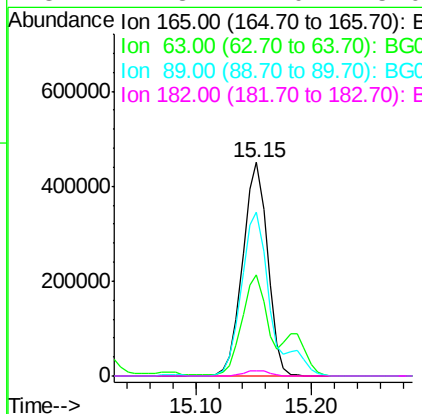
Instrument :  
BNA\_G  
ClientSampleId :

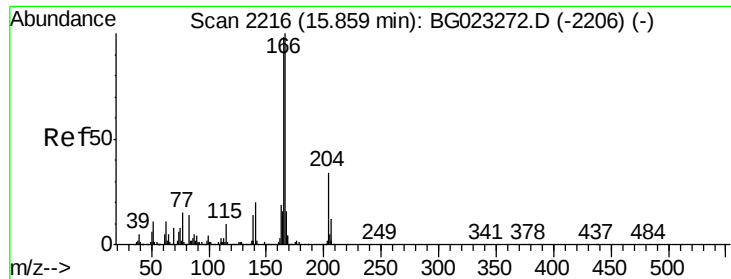
Tot Ion:139 Resp: 741017  
Ion Ratio Lower Upper  
139 100  
109 82.3 103.0 143.0#  
65 112.3 112.7 152.7#



#56  
2,4-Dinitrotoluene  
Concen: 44.26 ng  
RT: 15.15 min Scan# 2096  
Delta R.T. -0.01 min  
Lab File: BG023378.D  
Acq: 31 Jul 2016 21:40

Tgt Ion:165 Resp: 674414  
Ion Ratio Lower Upper  
165 100  
63 47.1 45.8 68.6  
89 76.8 68.6 102.8  
182 2.3 2.0 3.0





#57

Fluorene

Concen: 41.85 ng

RT: 15.84 min Scan# 2213

Delta R.T. -0.02 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Instrument :

BNA\_G

ClientSampleId :

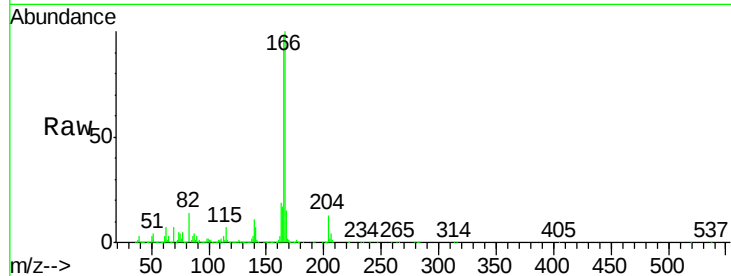
Tot Ion:166 Resp: 1817308

Ion Ratio Lower Upper

166 100

165 98.0 81.0 121.6

167 15.4 12.0 18.0

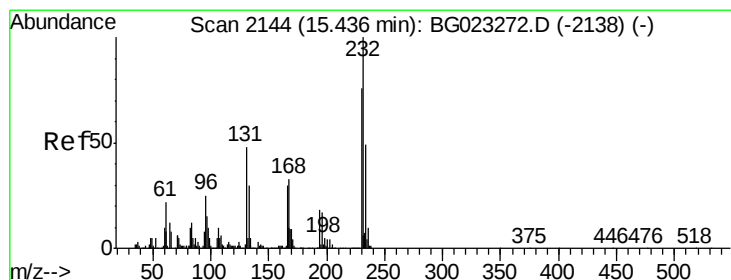
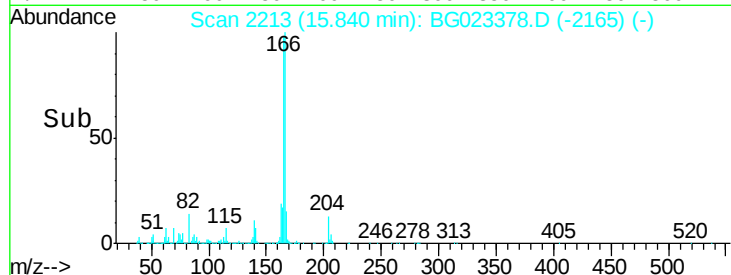
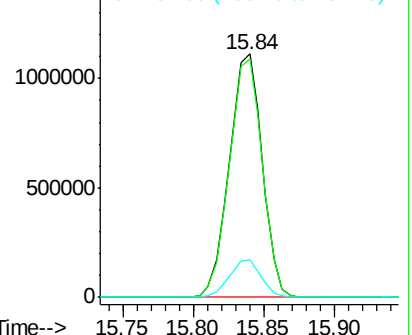


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.96 ng

RT: 15.42 min Scan# 2141

Delta R.T. -0.02 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Tgt Ion:232 Resp: 544991

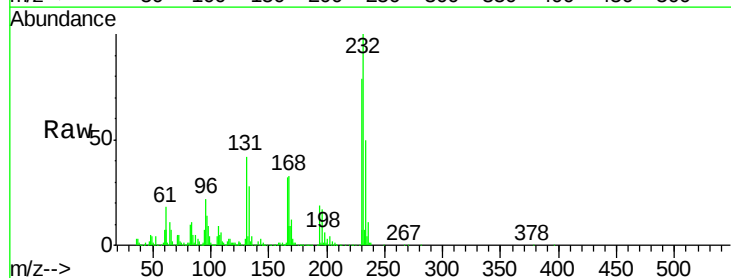
Ion Ratio Lower Upper

232 100

131 44.7 32.7 49.1

130 2.7 2.6 3.8

166 32.9 23.0 34.6



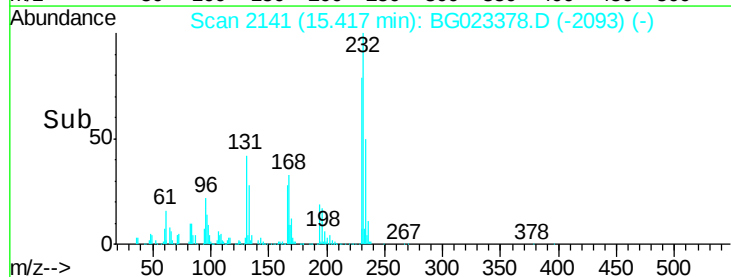
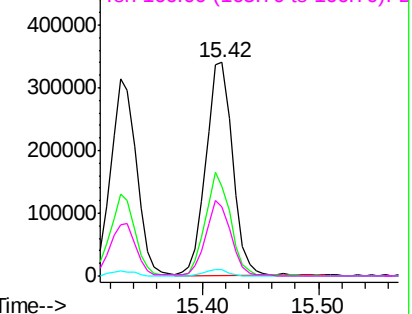
Abundance

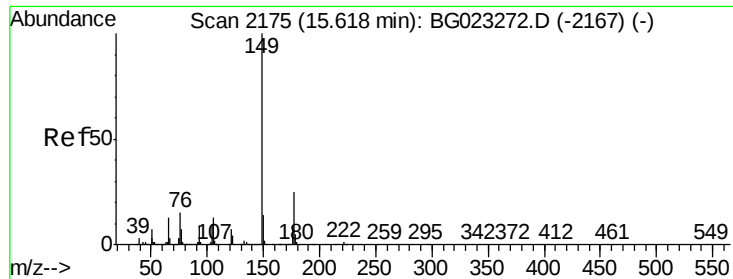
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 41.39 ng

RT: 15.59 min Scan# 2171

Delta R.T. -0.02 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

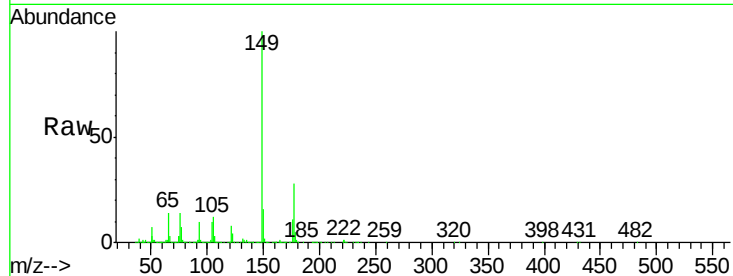
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:149 Resp: 1958942

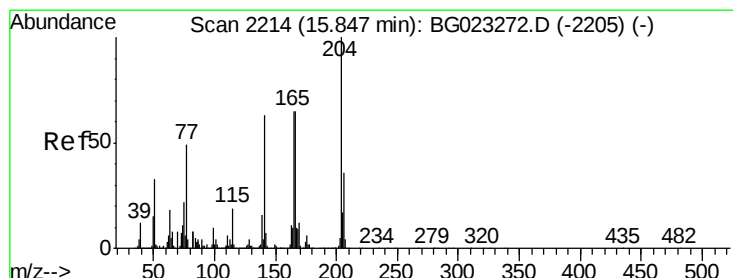
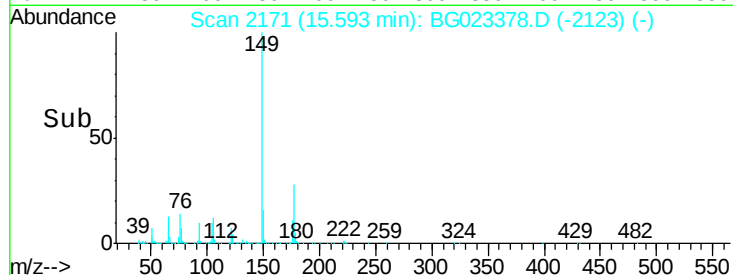
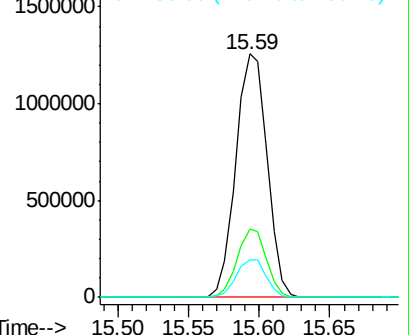
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 28.2  | 19.2  | 28.8  |
| 150 | 15.6  | 10.6  | 16.0  |



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: 40.73 ng

RT: 15.82 min Scan# 2210

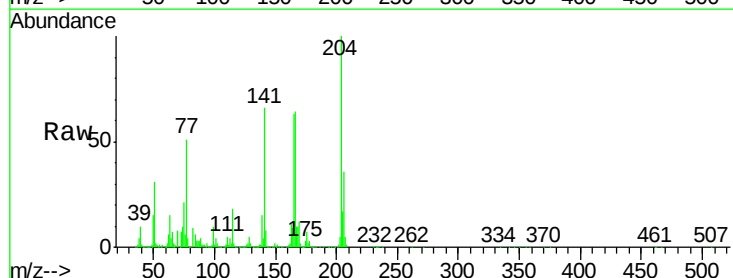
Delta R.T. -0.02 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Tgt Ion:204 Resp: 957407

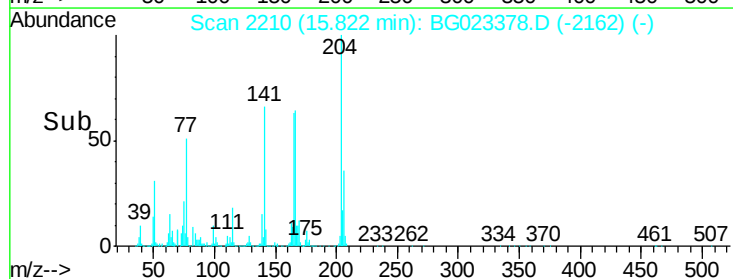
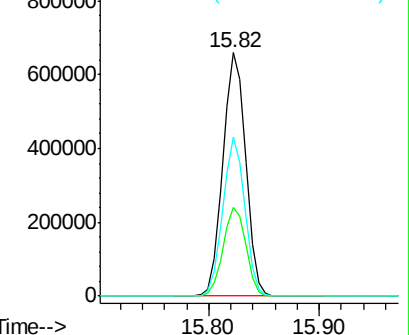
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 204 | 100   |       |       |
| 206 | 36.3  | 28.5  | 42.7  |
| 141 | 65.6  | 51.4  | 77.0  |

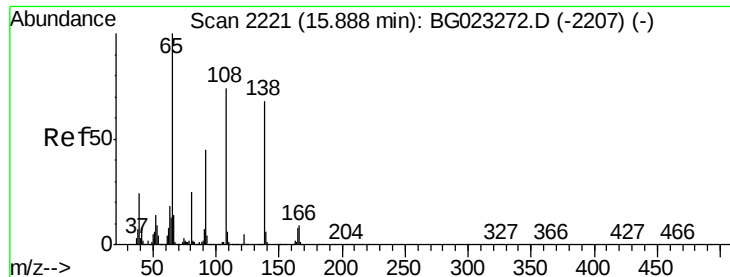


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.90 ng

RT: 15.87 min Scan# 2218

Delta R.T. -0.02 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Instrument :

BNA\_G

ClientSampleId :

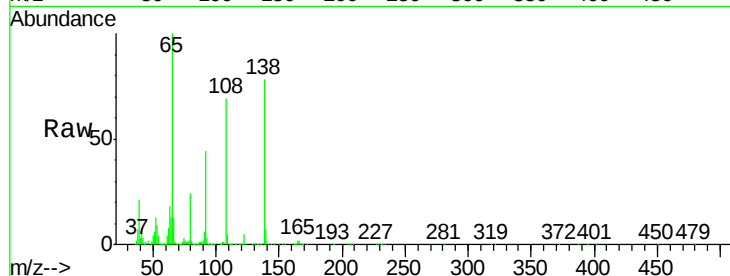
Tot Ion:138 Resp: 513127

Ion Ratio Lower Upper

138 100

92 57.2 54.1 94.1

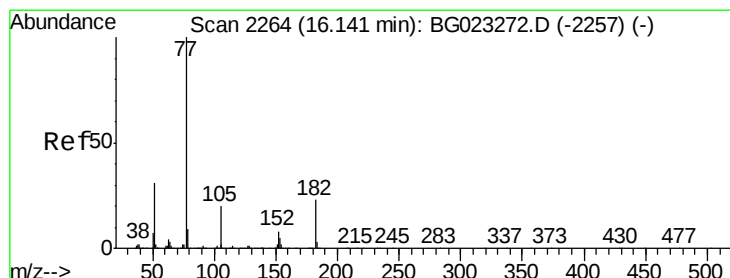
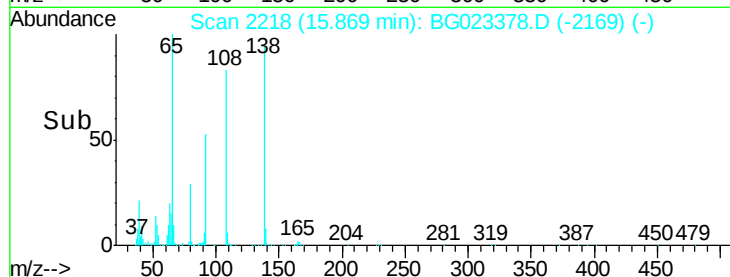
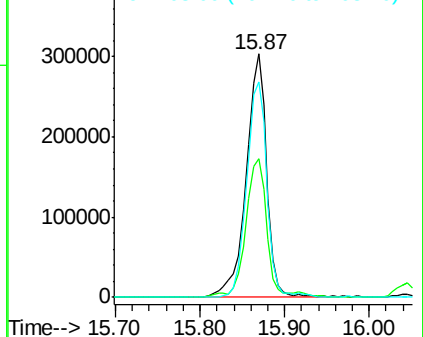
108 88.4 133.9 173.9#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.79 ng

RT: 16.12 min Scan# 2260

Delta R.T. -0.03 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Tgt Ion: 77 Resp: 2099672

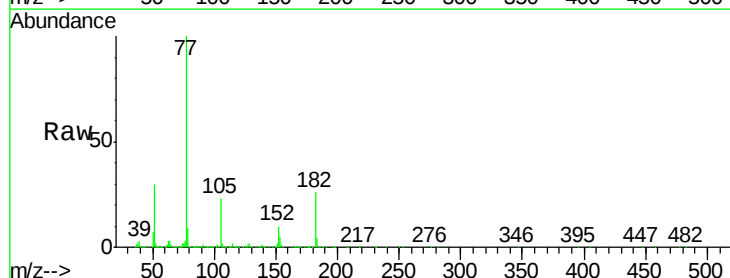
Ion Ratio Lower Upper

77 100

182 26.3 3.5 43.5

105 23.0 0.0 38.5

51 30.1 17.1 57.1

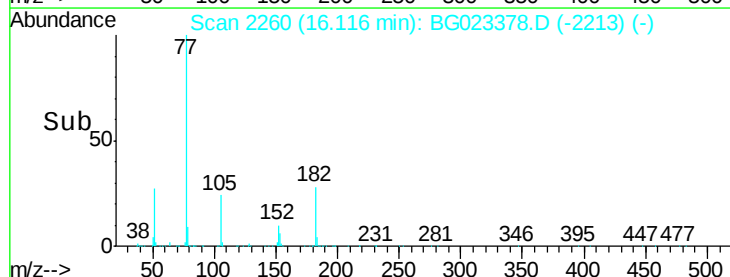
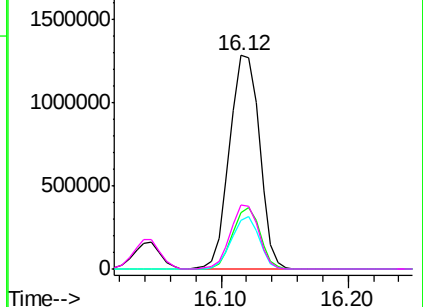


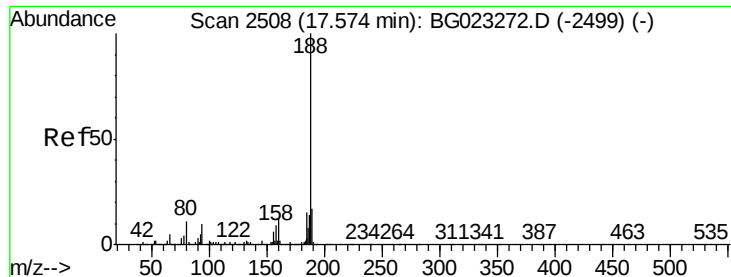
Abundance Ion 77.00 (76.70 to 77.70): BGC

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): BGC

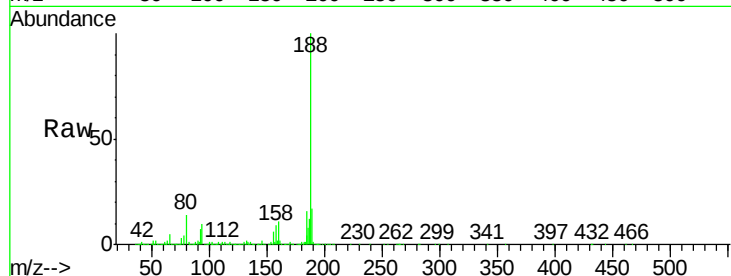




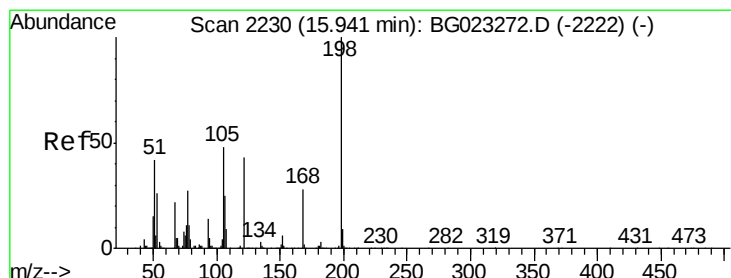
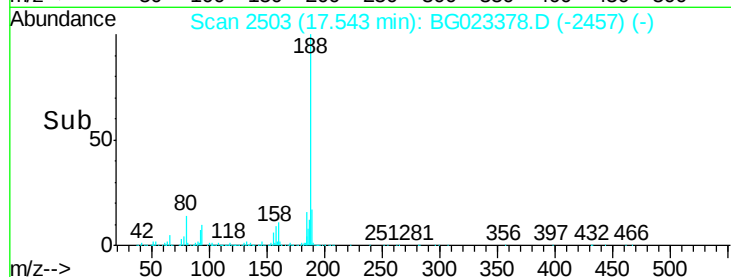
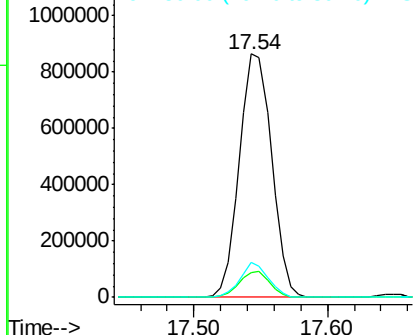
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.54 min Scan# 2503  
Delta R.T. -0.03 min  
Lab File: BG023378.D  
Acq: 31 Jul 2016 21:40

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:188 Resp: 1446289  
Ion Ratio Lower Upper  
188 100  
94 10.1 5.2 7.8#  
80 14.3 7.2 10.8#

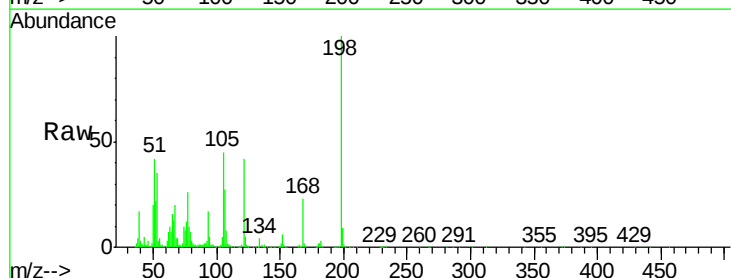


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BGC  
Ion 80.00 (79.70 to 80.70): BGC

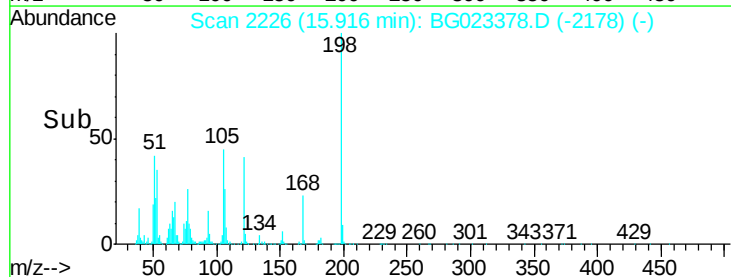
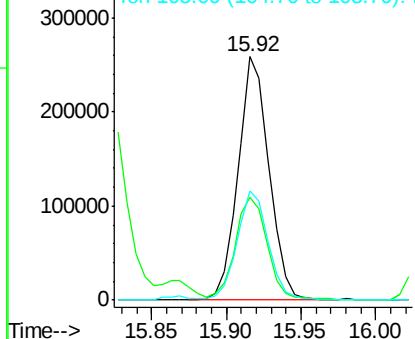


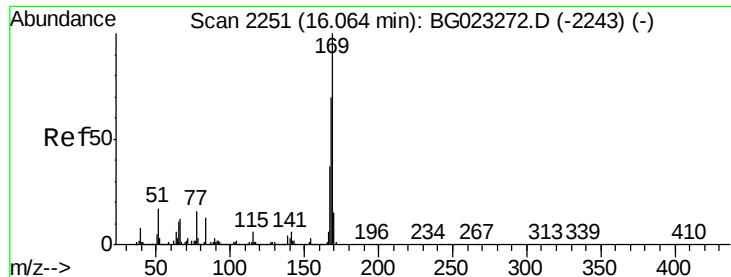
#64  
4,6-Dinitro-2-methylphenol  
Concen: 40.03 ng  
RT: 15.92 min Scan# 2226  
Delta R.T. -0.02 min  
Lab File: BG023378.D  
Acq: 31 Jul 2016 21:40

Tgt Ion:198 Resp: 371849  
Ion Ratio Lower Upper  
198 100  
51 42.3 26.0 66.0  
105 44.8 20.1 60.1



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

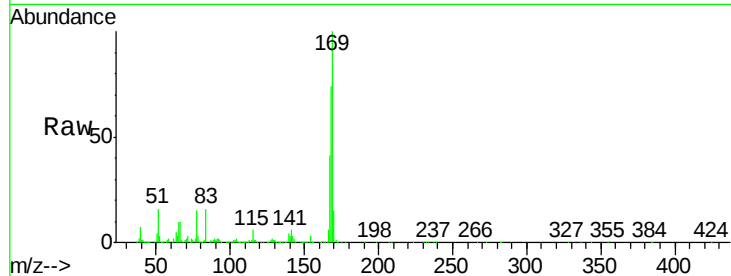




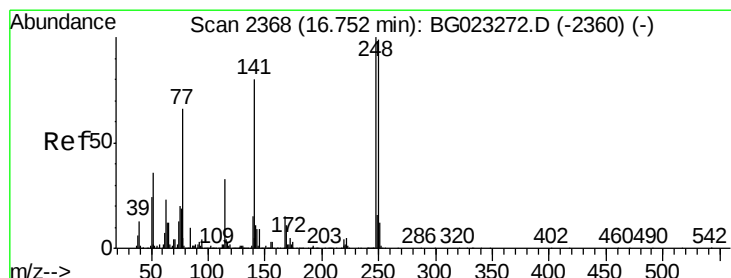
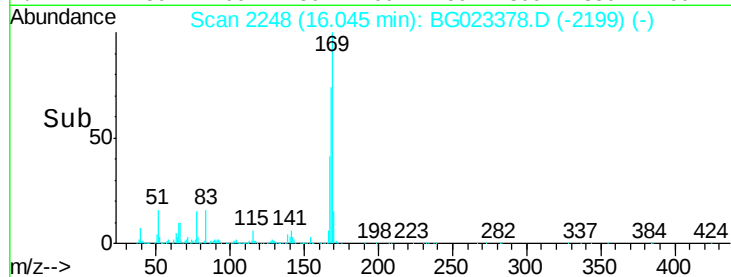
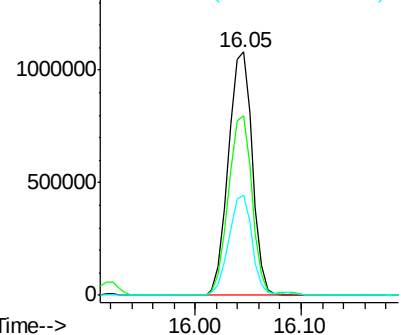
#65  
n-Nitrosodiphenylamine  
Concen: 43.87 ng  
RT: 16.05 min Scan# 2248  
Delta R.T. -0.02 min  
Lab File: BG023378.D  
Acq: 31 Jul 2016 21:40

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:169 Resp: 1693761  
Ion Ratio Lower Upper  
169 100  
168 73.7 55.0 82.4  
167 41.1 27.4 41.0#

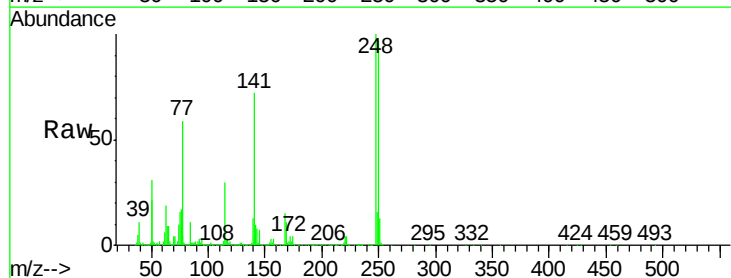


Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E

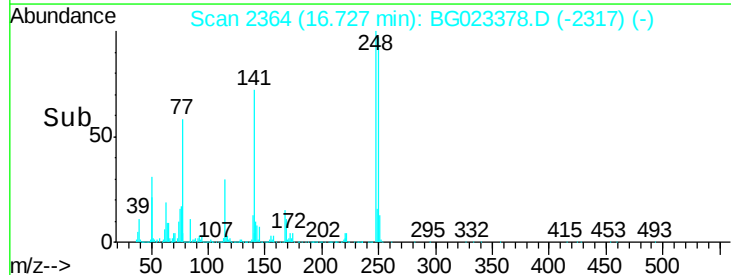
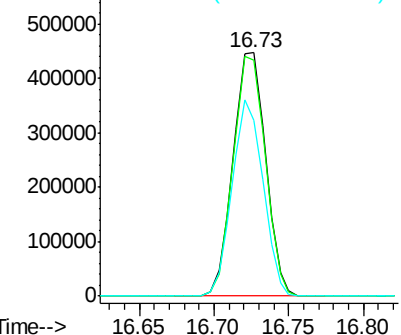


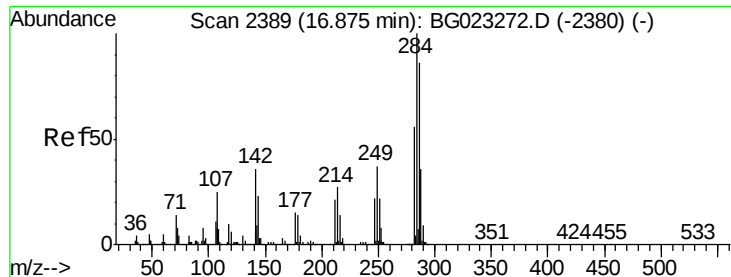
#66  
4-Bromophenyl-phenylether  
Concen: 46.14 ng  
RT: 16.73 min Scan# 2364  
Delta R.T. -0.02 min  
Lab File: BG023378.D  
Acq: 31 Jul 2016 21:40

Tgt Ion:248 Resp: 674697  
Ion Ratio Lower Upper  
248 100  
250 96.9 77.8 116.8  
141 72.3 65.7 98.5



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





#67

Hexachlorobenzene

Concen: 48.01 ng

RT: 16.84 min Scan# 2384

Delta R.T. -0.03 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Instrument :

BNA\_G

ClientSampleId :

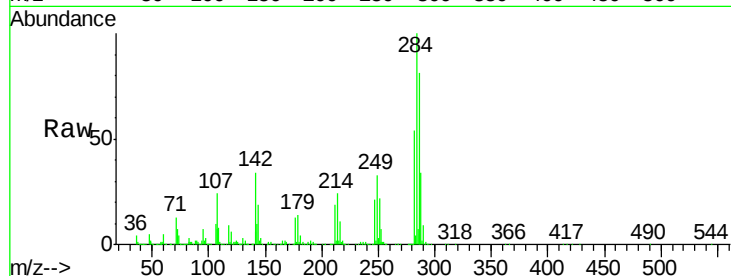
Tot Ion:284 Resp: 705871

Ion Ratio Lower Upper

284 100

142 33.8 26.8 40.2

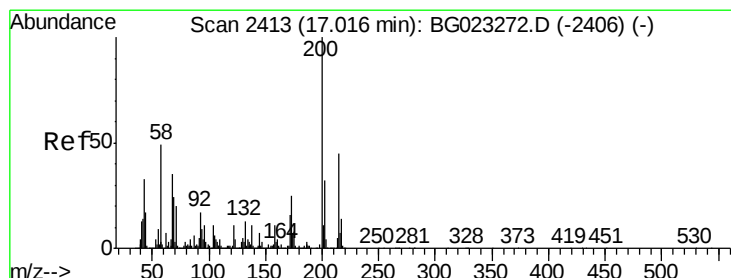
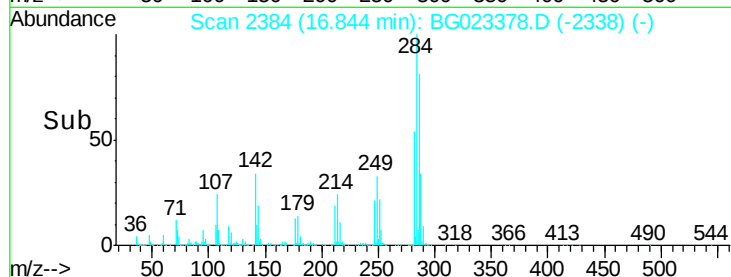
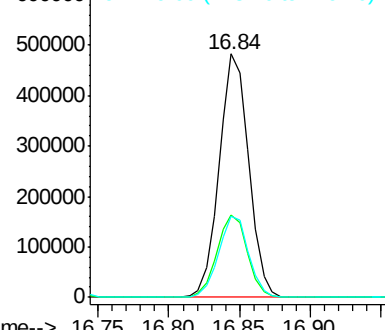
249 33.5 28.9 43.3



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: 45.95 ng

RT: 16.99 min Scan# 2409

Delta R.T. -0.02 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

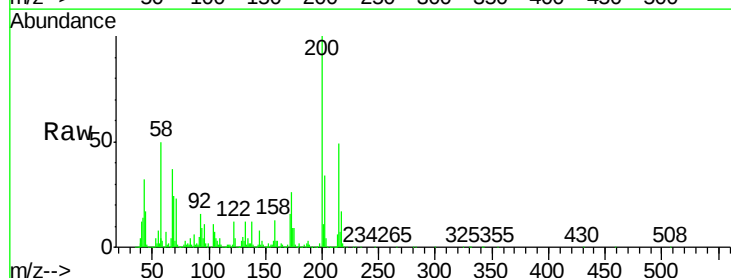
Tgt Ion:200 Resp: 680645

Ion Ratio Lower Upper

200 100

173 26.3 1.6 41.6

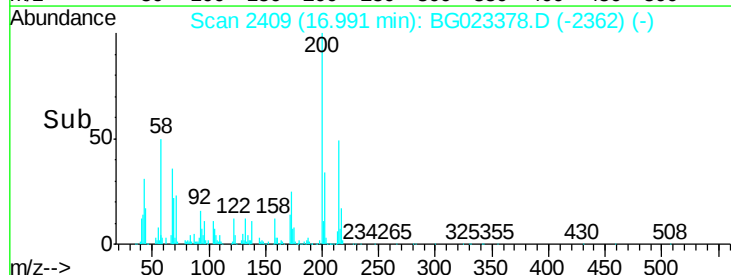
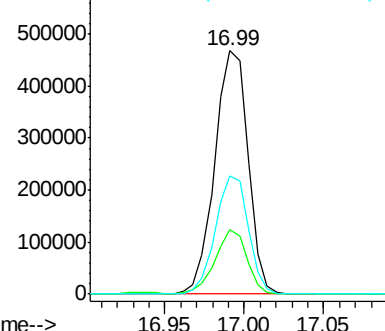
215 48.6 28.7 68.7

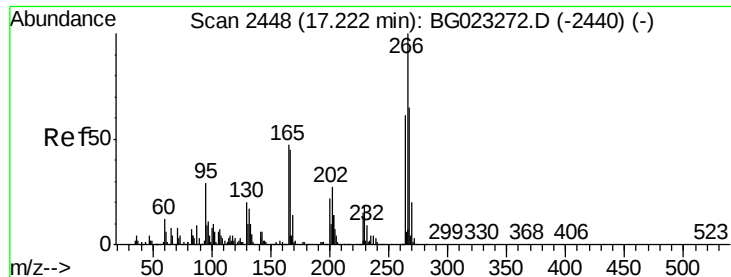


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

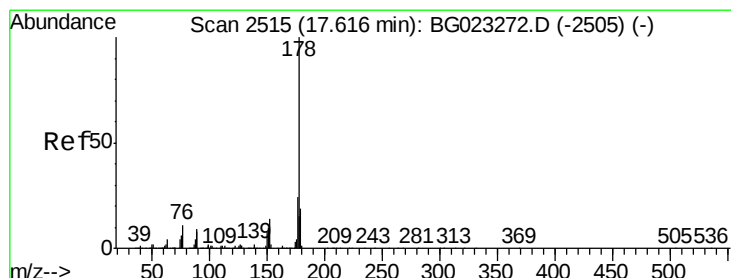
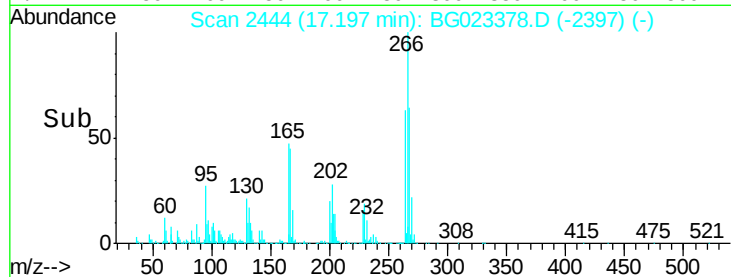
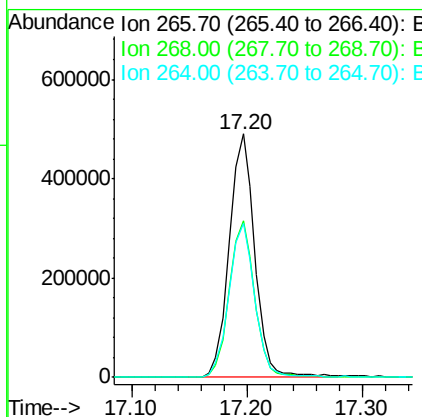
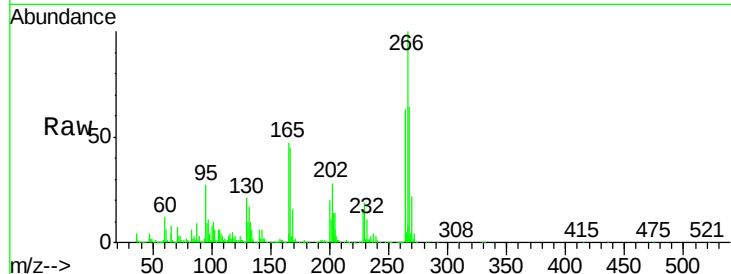




#69  
 Pentachlorophenol  
 Concen: 82.72 ng  
 RT: 17.20 min Scan# 2444  
 Delta R.T. -0.02 min  
 Lab File: BG023378.D  
 Acq: 31 Jul 2016 21:40

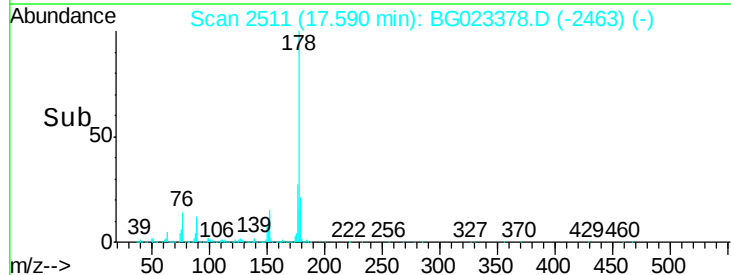
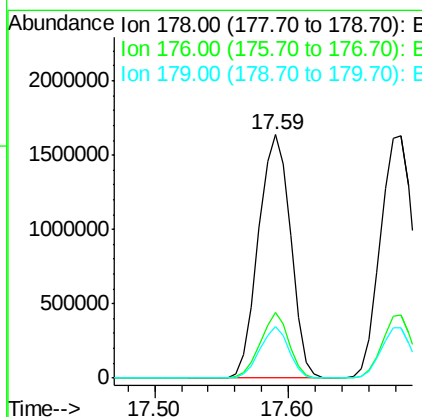
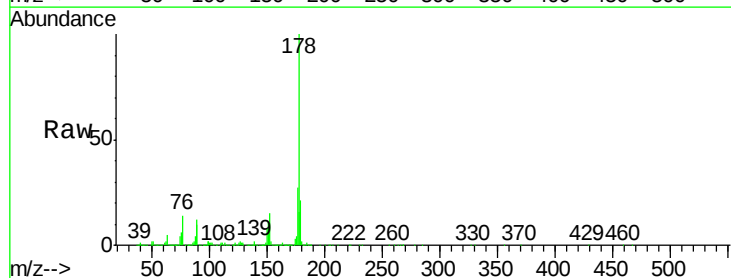
Instrument :  
 BNA\_G  
 ClientSampleId :

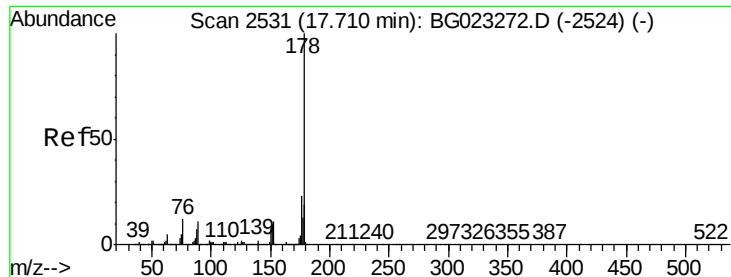
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.3  | 51.9  | 77.9  |
| 264     | 63.4  | 50.6  | 75.8  |



#70  
 Phenanthrene  
 Concen: 43.04 ng  
 RT: 17.59 min Scan# 2511  
 Delta R.T. -0.02 min  
 Lab File: BG023378.D  
 Acq: 31 Jul 2016 21:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 27.1  | 16.8  | 25.2# |
| 179     | 21.2  | 14.3  | 21.5  |

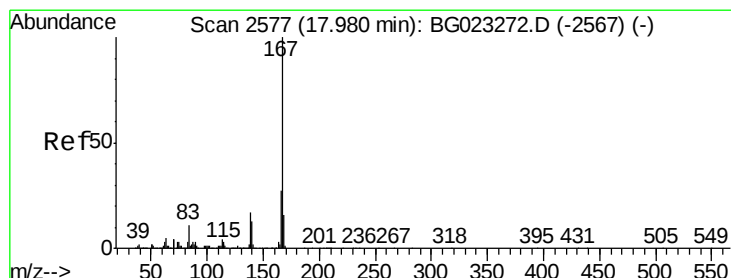
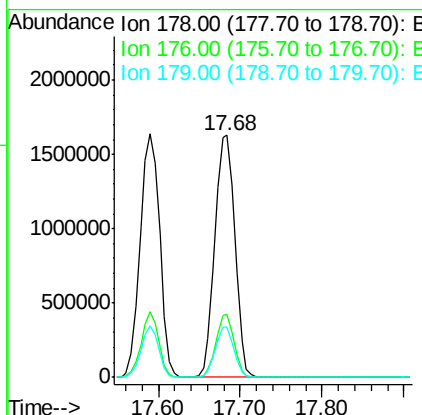
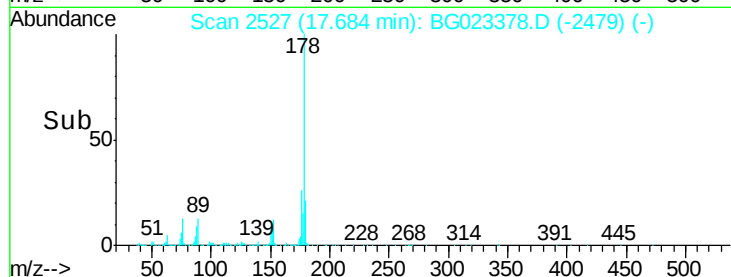
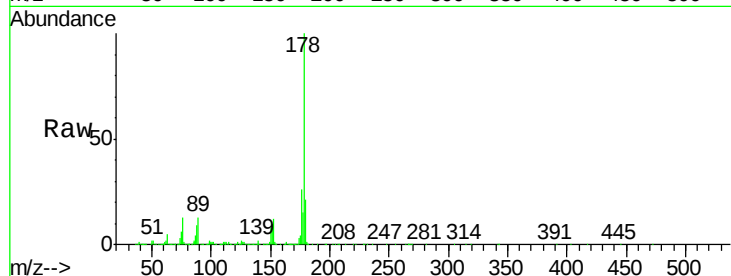




#71  
 Anthracene  
 Concen: 43.57 ng  
 RT: 17.68 min Scan# 2527  
 Delta R.T. -0.02 min  
 Lab File: BG023378.D  
 Acq: 31 Jul 2016 21:40

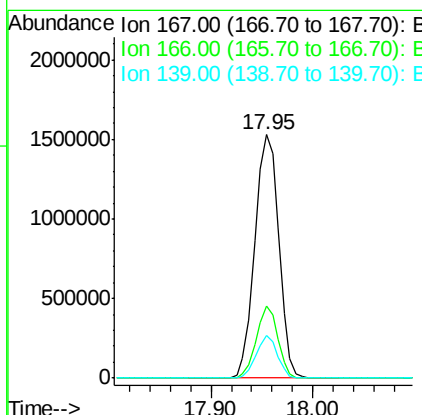
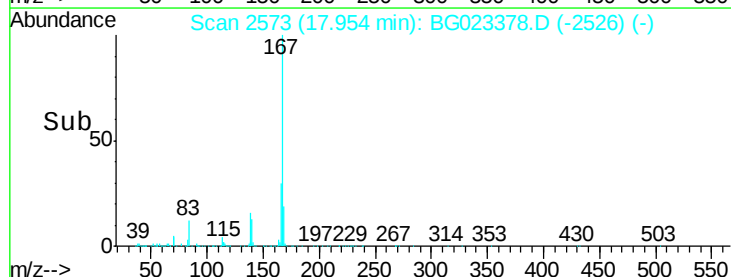
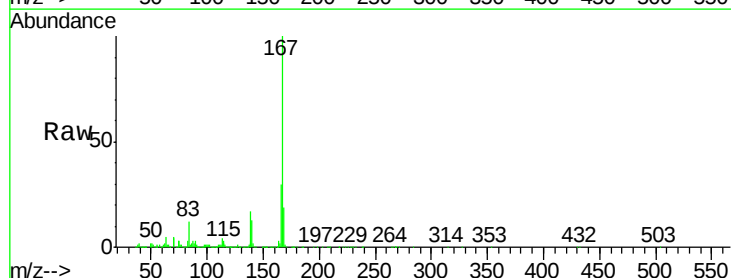
Instrument :  
 BNA\_G  
 ClientSampleId :

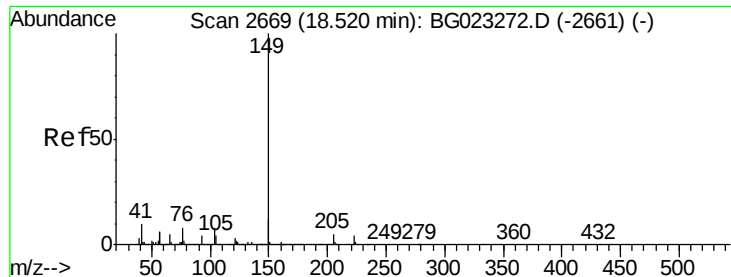
Tot Ion:178 Resp: 2784800  
 Ion Ratio Lower Upper  
 178 100  
 176 26.3 17.3 25.9#  
 179 20.9 14.0 21.0



#72  
 Carbazole  
 Concen: 43.21 ng  
 RT: 17.95 min Scan# 2573  
 Delta R.T. -0.03 min  
 Lab File: BG023378.D  
 Acq: 31 Jul 2016 21:40

Tgt Ion:167 Resp: 2529727  
 Ion Ratio Lower Upper  
 167 100  
 166 29.6 20.7 31.1  
 139 17.4 11.9 17.9

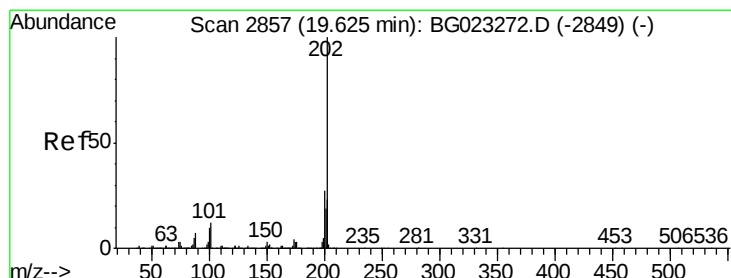
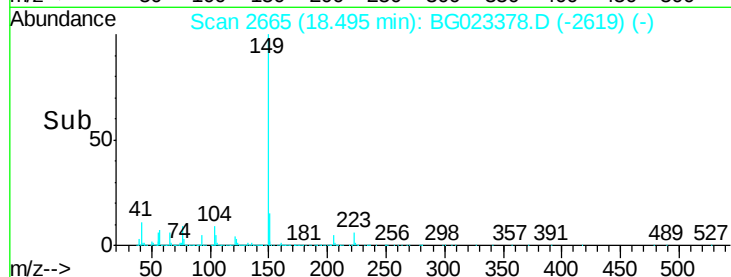
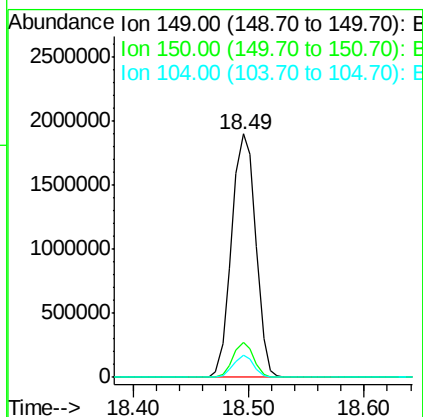
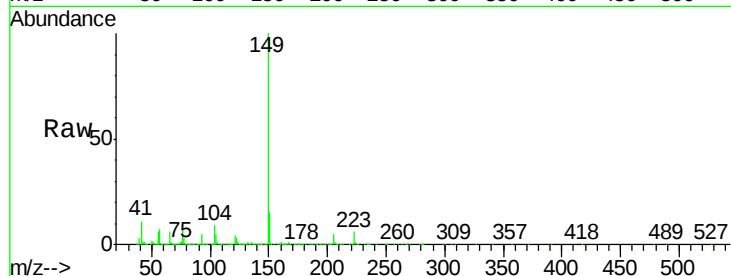




#73  
Di-n-butylphthalate  
Concen: 42.25 ng  
RT: 18.49 min Scan# 2665  
Delta R.T. -0.03 min  
Lab File: BG023378.D  
Acq: 31 Jul 2016 21:40

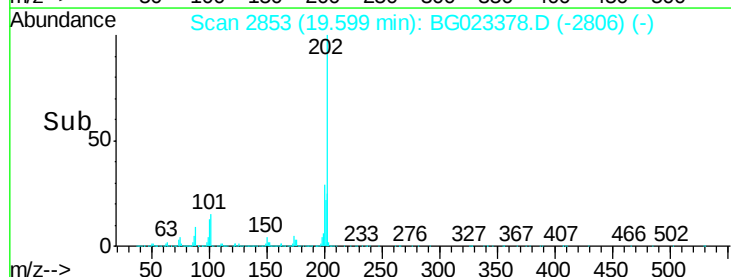
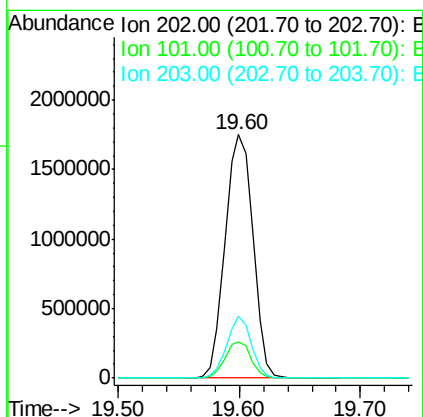
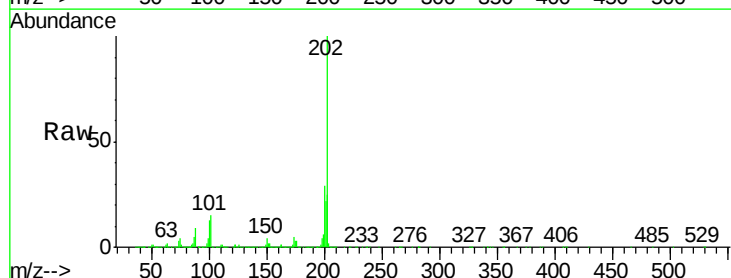
Instrument :  
BNA\_G  
ClientSampled :

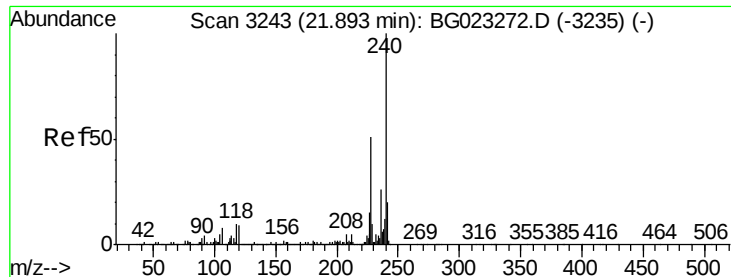
Tot Ion:149 Resp: 2759460  
Ion Ratio Lower Upper  
149 100  
150 14.6 9.1 13.7#  
104 8.9 6.9 10.3



#74  
Fluoranthene  
Concen: 38.80 ng  
RT: 19.60 min Scan# 2853  
Delta R.T. -0.03 min  
Lab File: BG023378.D  
Acq: 31 Jul 2016 21:40

Tgt Ion:202 Resp: 2801216  
Ion Ratio Lower Upper  
202 100  
101 15.1 0.0 27.4  
203 25.4 1.7 41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3238

Delta R.T. -0.03 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Instrument :

BNA\_G

ClientSampleId :

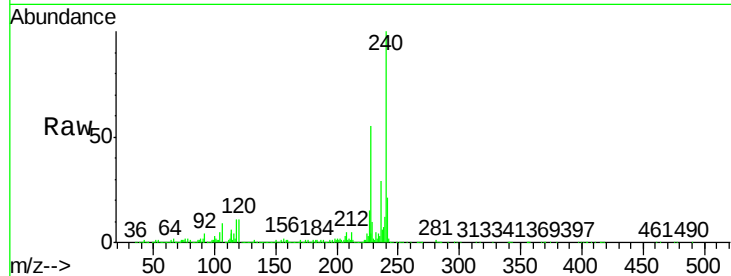
Tot Ion:240 Resp: 1196676

Ion Ratio Lower Upper

240 100

120 11.1 4.1 6.1#

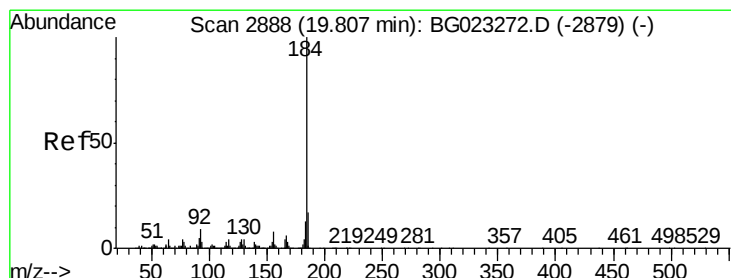
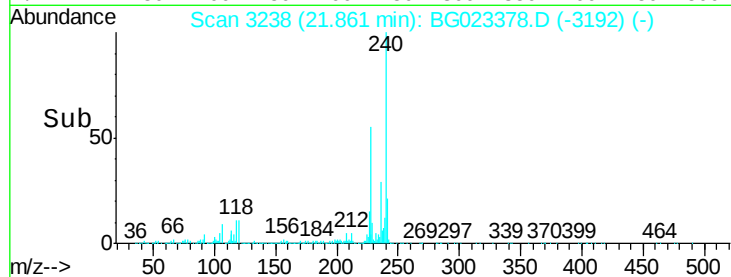
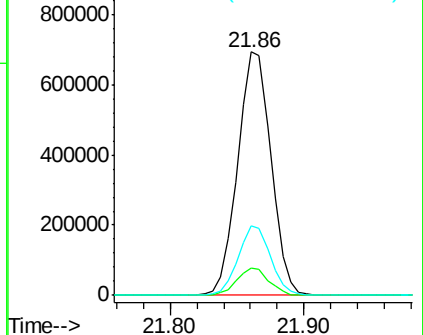
236 28.6 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 47.92 ng

RT: 19.78 min Scan# 2884

Delta R.T. -0.03 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

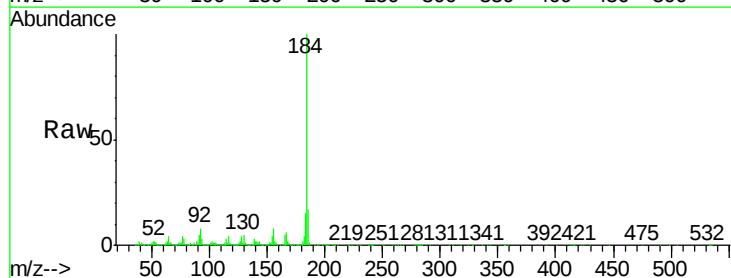
Tgt Ion:184 Resp: 1612793

Ion Ratio Lower Upper

184 100

185 17.0 12.6 19.0

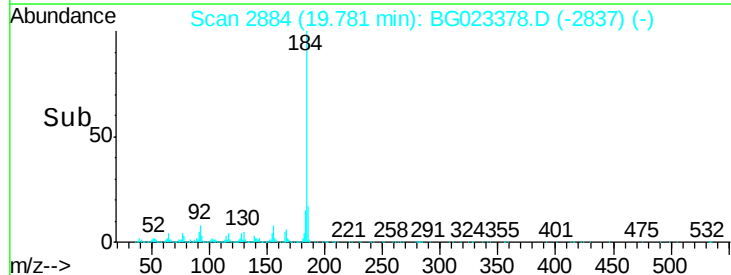
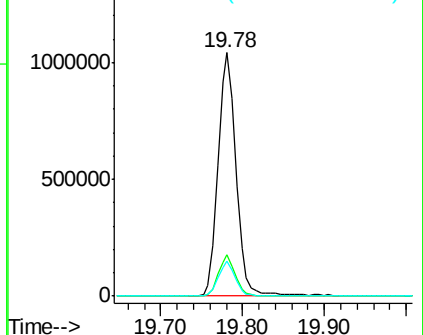
183 14.6 10.7 16.1

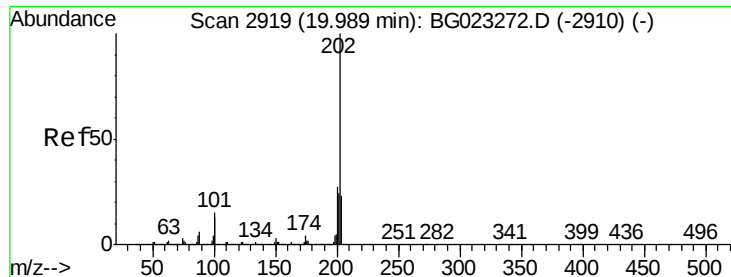


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.36 ng

RT: 19.96 min Scan# 2915

Delta R.T. -0.03 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Instrument :

BNA\_G

ClientSampleId :

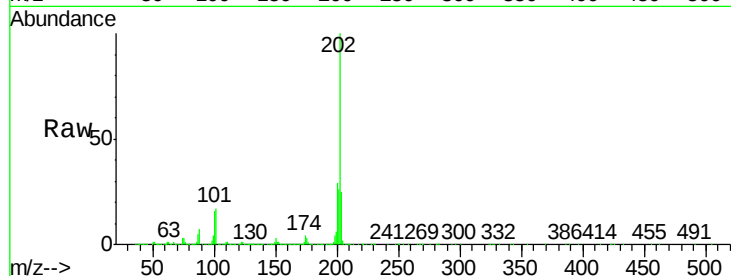
Tot Ion:202 Resp: 2809034

Ion Ratio Lower Upper

202 100

200 29.1 21.2 31.8

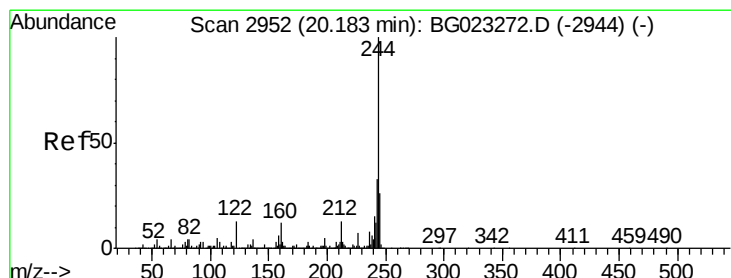
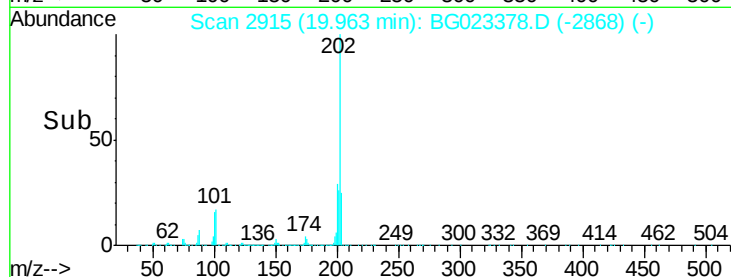
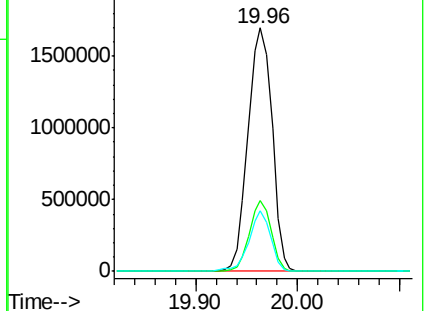
203 24.7 16.8 25.2



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: 81.81 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.03 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

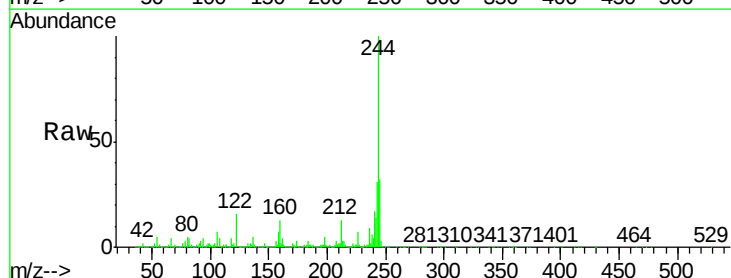
Tgt Ion:244 Resp: 3011790

Ion Ratio Lower Upper

244 100

212 13.5 10.8 16.2

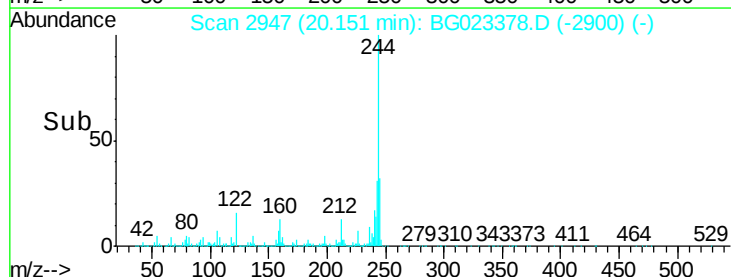
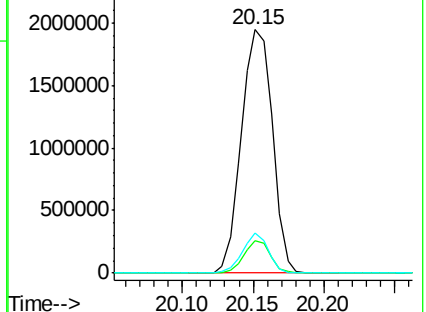
122 16.3 8.0 12.0#

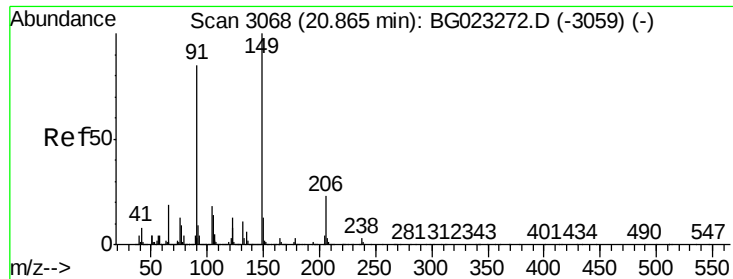


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

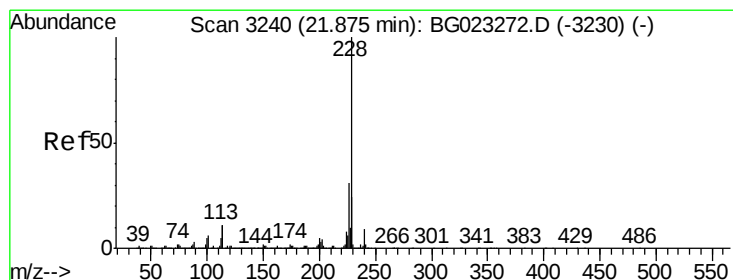
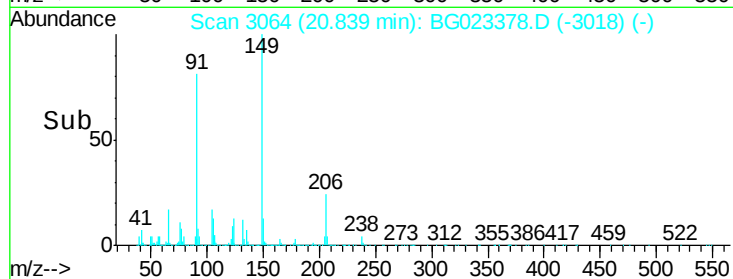
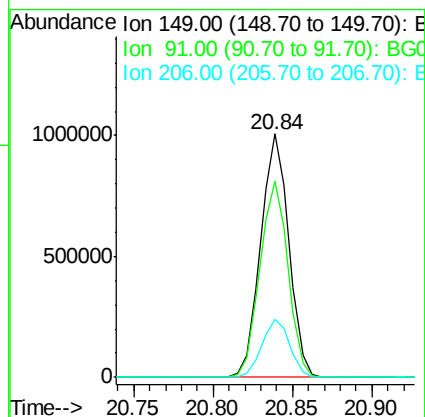
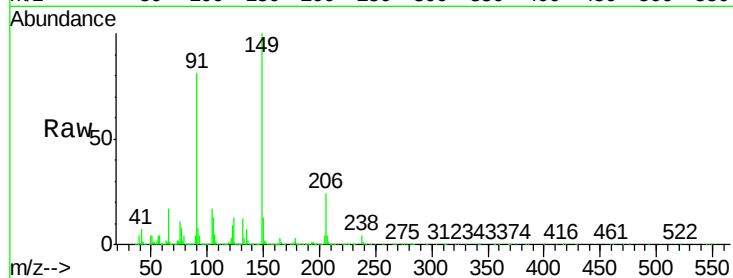




#79  
Butylbenzylphthalate  
Concen: 41.83 ng  
RT: 20.84 min Scan# 3064  
Delta R.T. -0.03 min  
Lab File: BG023378.D  
Acq: 31 Jul 2016 21:40

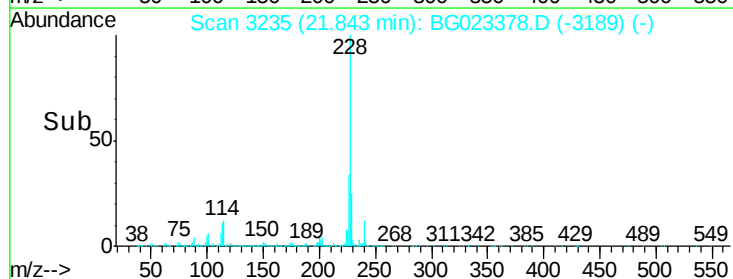
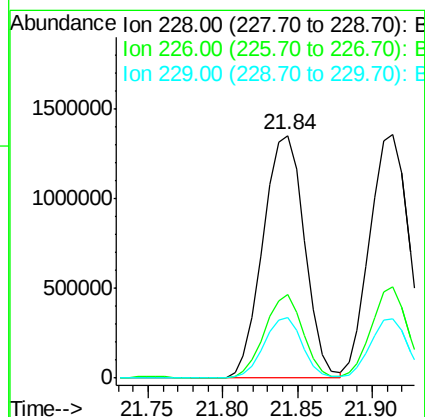
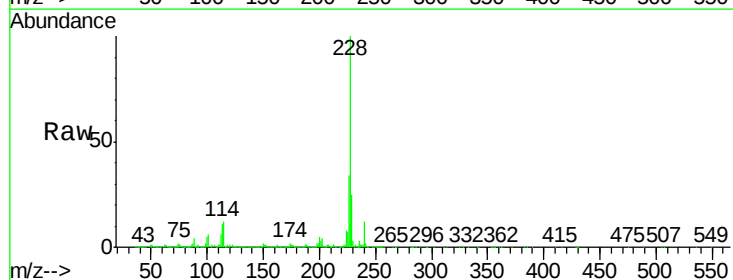
Instrument :  
BNA\_G  
ClientSampled :

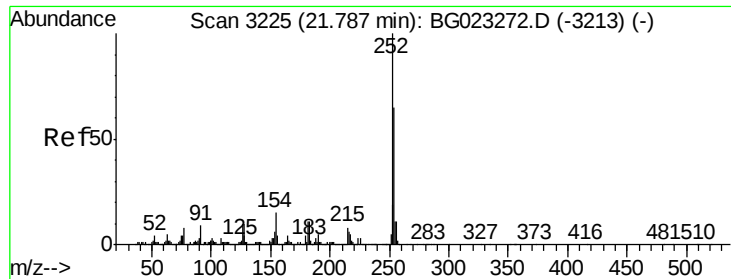
Tot Ion:149 Resp: 1249825  
Ion Ratio Lower Upper  
149 100  
91 80.7 68.1 102.1  
206 23.6 19.8 29.6



#80  
Benzo(a)anthracene  
Concen: 41.80 ng  
RT: 21.84 min Scan# 3235  
Delta R.T. -0.03 min  
Lab File: BG023378.D  
Acq: 31 Jul 2016 21:40

Tgt Ion:228 Resp: 2618879  
Ion Ratio Lower Upper  
228 100  
226 34.2 25.3 37.9  
229 25.1 19.9 29.9

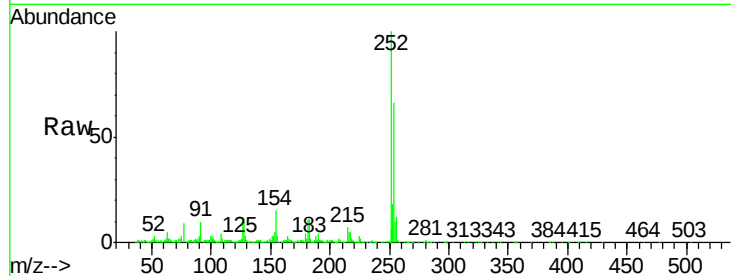




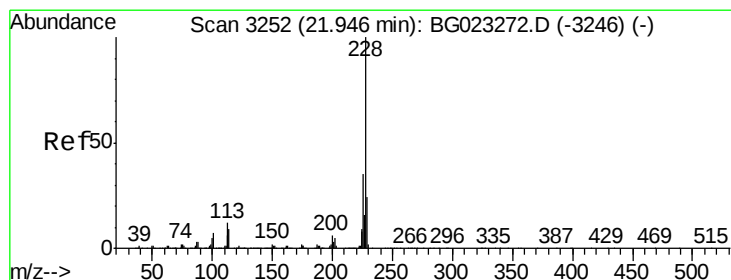
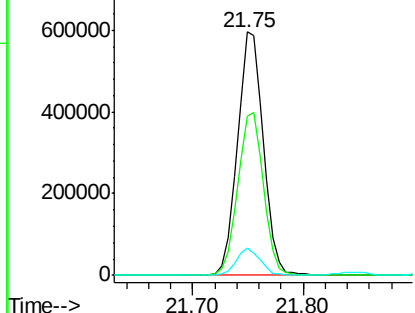
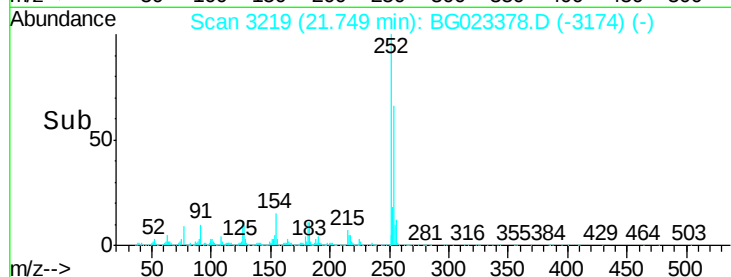
#81  
 3,3'-Dichlorobenzidine  
 Concen: 38.62 ng  
 RT: 21.75 min Scan# 3219  
 Delta R.T. -0.03 min  
 Lab File: BG023378.D  
 Acq: 31 Jul 2016 21:40

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.6  | 51.2  | 76.8  |
| 126     | 11.1  | 5.3   | 7.9   |

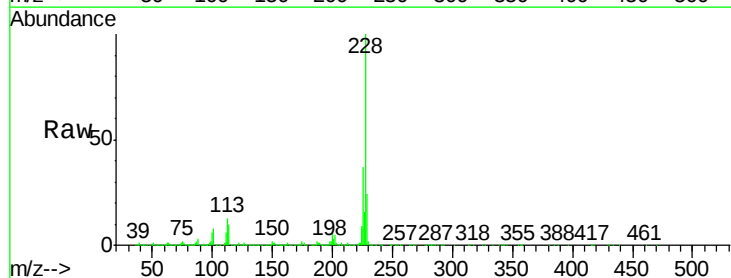


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

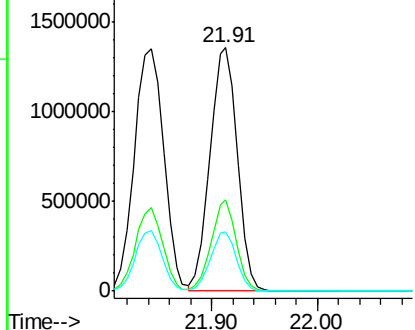
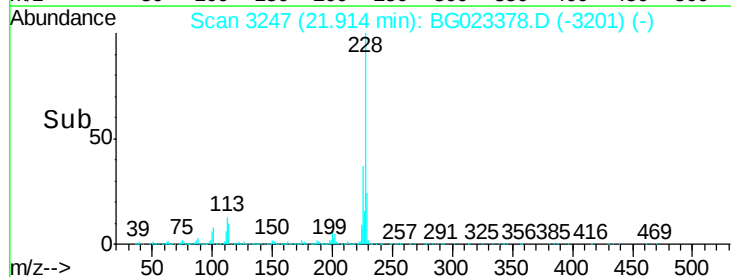


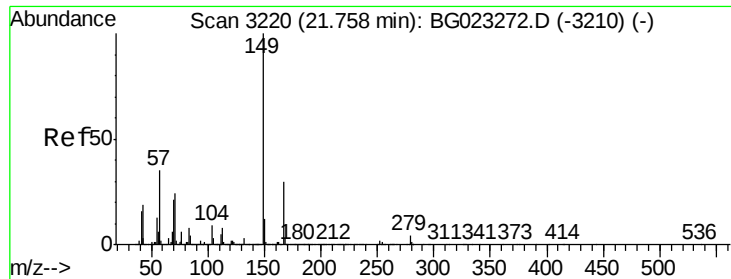
#82  
 Chrysene  
 Concen: 40.42 ng  
 RT: 21.91 min Scan# 3247  
 Delta R.T. -0.03 min  
 Lab File: BG023378.D  
 Acq: 31 Jul 2016 21:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 37.3  | 26.7  | 40.1  |
| 229     | 24.4  | 17.4  | 26.2  |



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

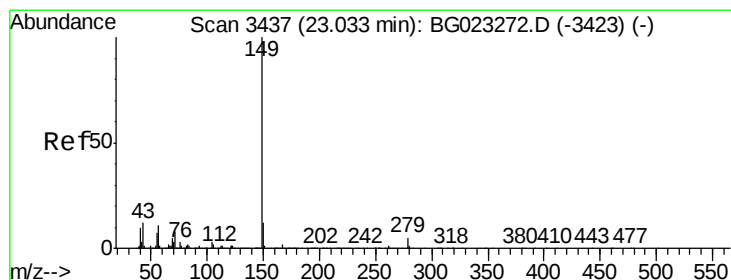
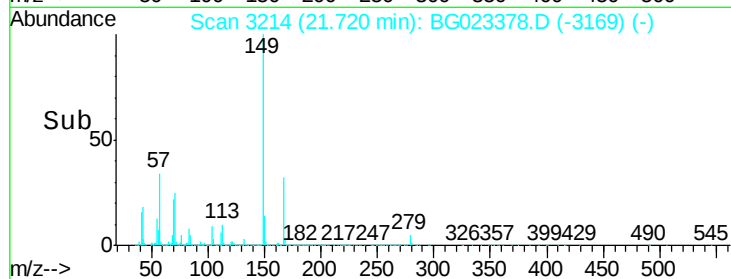
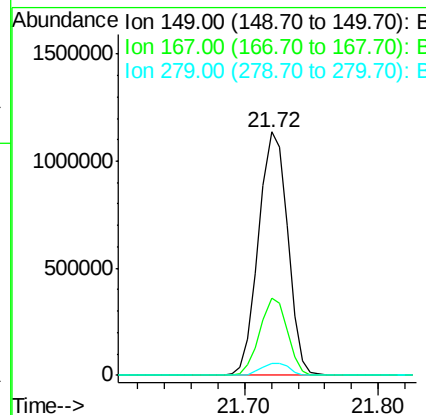
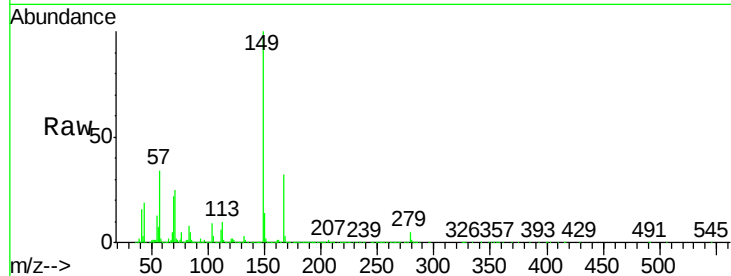




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 40.97 ng  
 RT: 21.72 min Scan# 3214  
 Delta R.T. -0.03 min  
 Lab File: BG023378.D  
 Acq: 31 Jul 2016 21:40

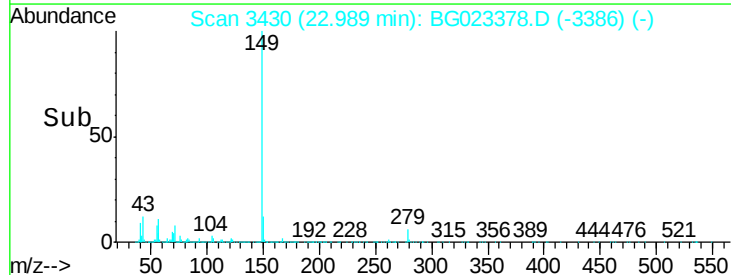
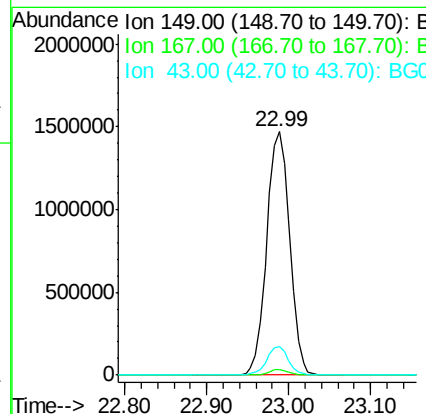
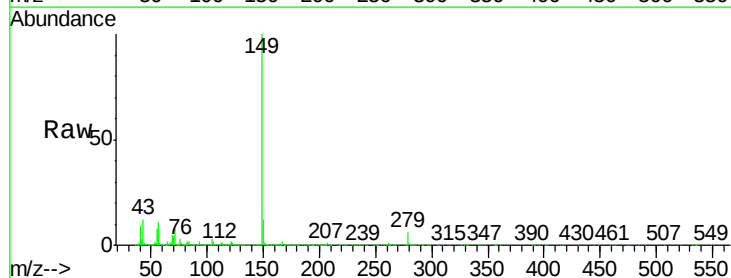
Instrument :  
 BNA\_G  
 ClientSampleId :

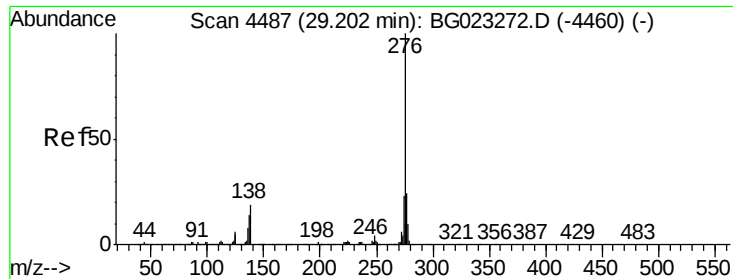
Tot Ion:149 Resp: 1712742  
 Ion Ratio Lower Upper  
 149 100  
 167 31.9 24.0 36.0  
 279 4.8 4.8 7.2



#84  
 Di-n-octyl phthalate  
 Concen: 42.00 ng  
 RT: 22.99 min Scan# 3430  
 Delta R.T. -0.04 min  
 Lab File: BG023378.D  
 Acq: 31 Jul 2016 21:40

Tgt Ion:149 Resp: 2871987  
 Ion Ratio Lower Upper  
 149 100  
 167 1.9 1.5 2.3  
 43 10.8 8.8 13.2

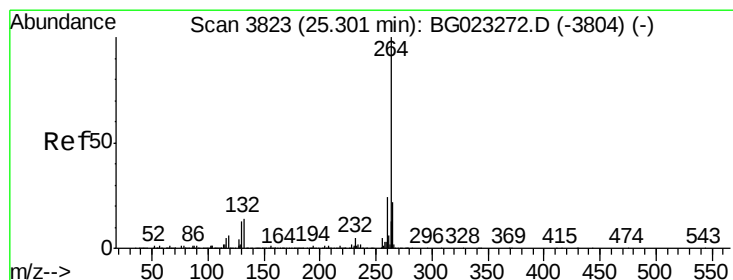
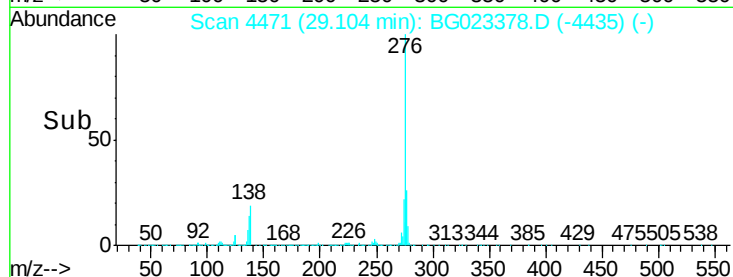
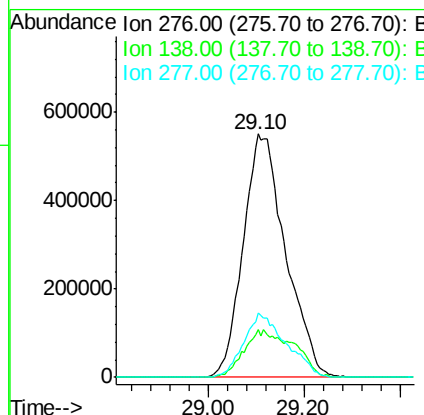
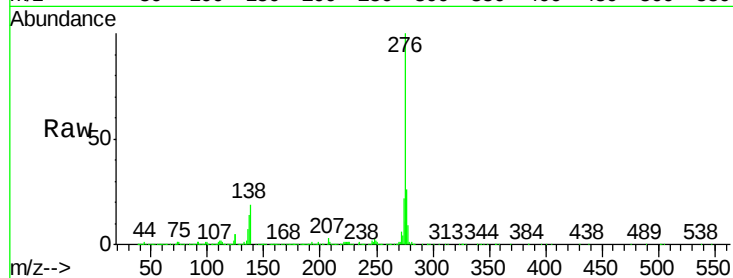




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 47.92 ng  
 RT: 29.10 min Scan# 4471  
 Delta R.T. -0.09 min  
 Lab File: BG023378.D  
 Acq: 31 Jul 2016 21:40

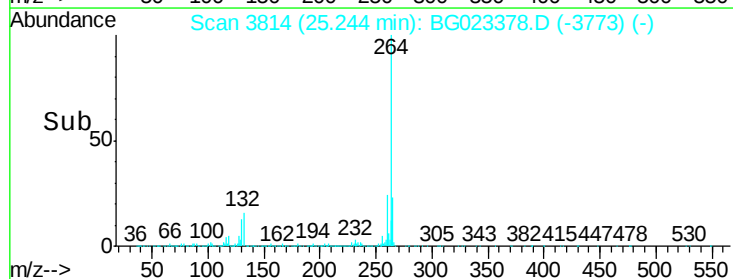
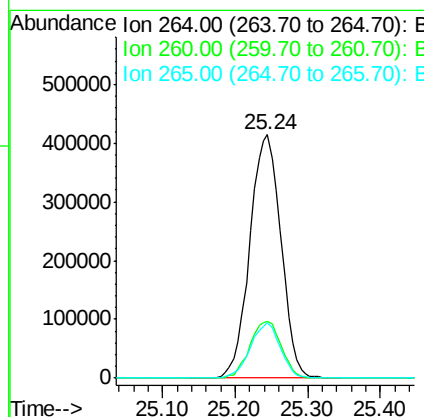
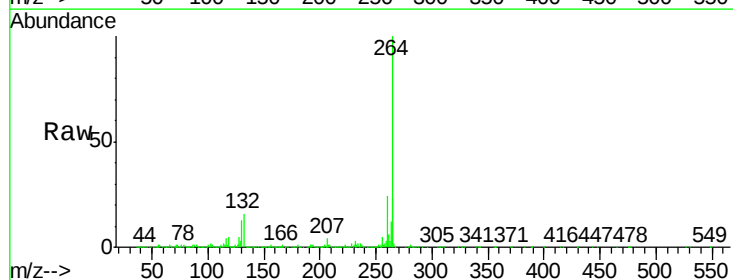
Instrument :  
 BNA\_G  
 ClientSampleId :

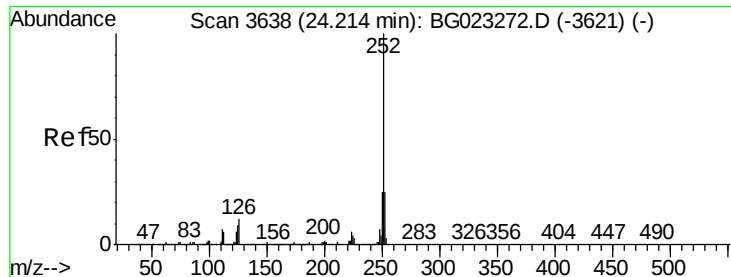
Tot Ion:276 Resp: 3383911  
 Ion Ratio Lower Upper  
 276 100  
 138 16.0 0.0 0.0#  
 277 26.3 0.0 0.0#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 25.24 min Scan# 3814  
 Delta R.T. -0.06 min  
 Lab File: BG023378.D  
 Acq: 31 Jul 2016 21:40

Tgt Ion:264 Resp: 1235731  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 18.4 27.6  
 265 22.8 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 43.08 ng

RT: 24.16 min Scan# 3630

Delta R.T. -0.05 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Instrument :

BNA\_G

ClientSampleId :

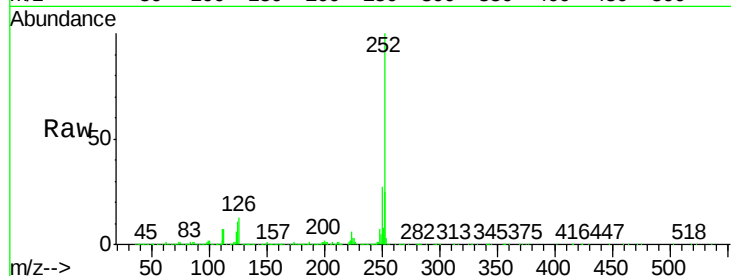
Tot Ion:252 Resp: 2827911

Ion Ratio Lower Upper

252 100

253 24.7 18.9 28.3

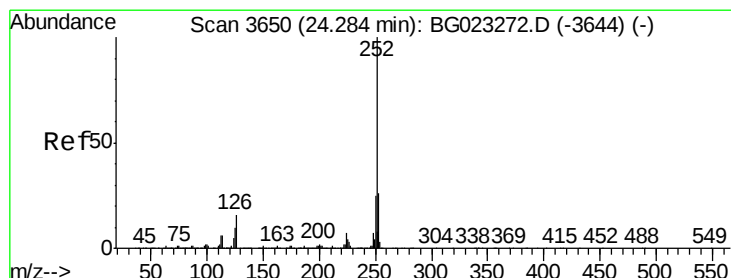
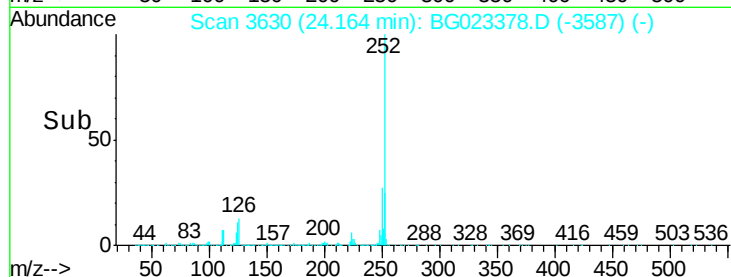
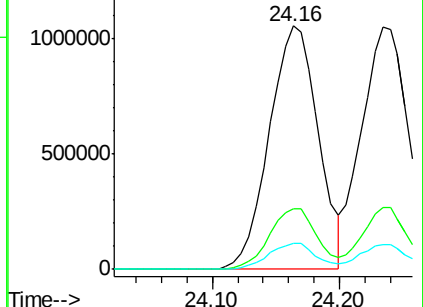
125 10.8 3.9 5.9#



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



#88

Benzo(k)fluoranthene

Concen: 41.33 ng

RT: 24.23 min Scan# 3642

Delta R.T. -0.05 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

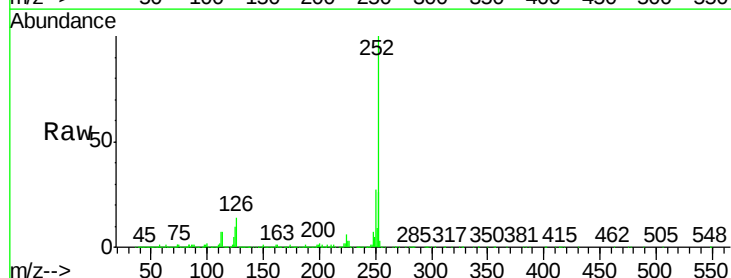
Tgt Ion:252 Resp: 2712444

Ion Ratio Lower Upper

252 100

253 25.6 18.8 28.2

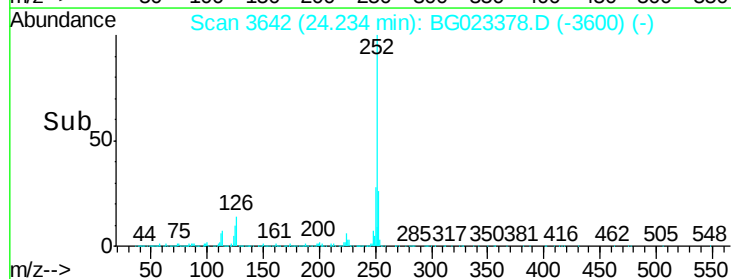
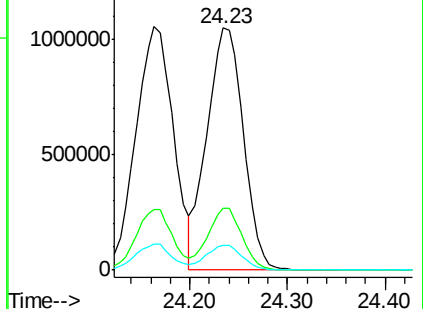
125 10.3 3.2 4.8#

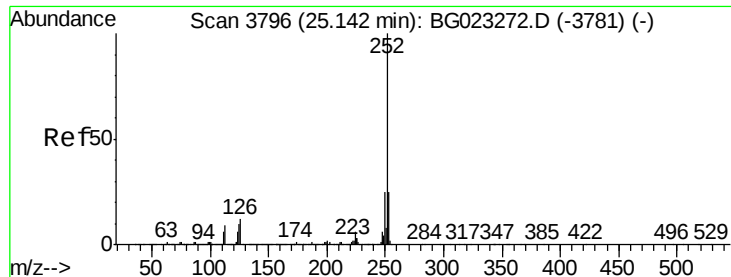


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.10 ng

RT: 25.08 min Scan# 3786

Delta R.T. -0.05 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Instrument :

BNA\_G

ClientSampleId :

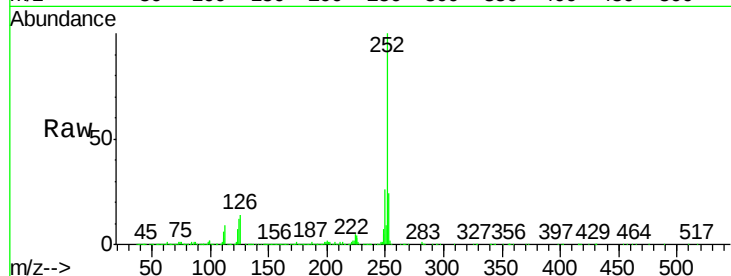
Tot Ion:252 Resp: 2772375

Ion Ratio Lower Upper

252 100

253 24.1 18.7 28.1

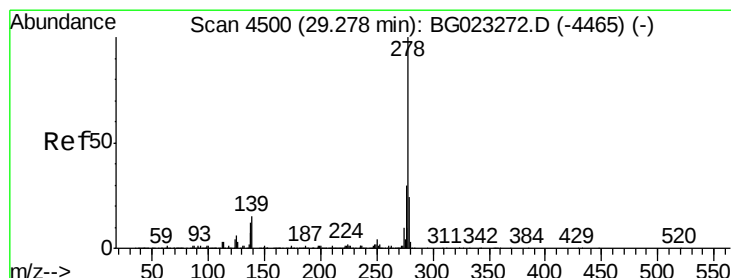
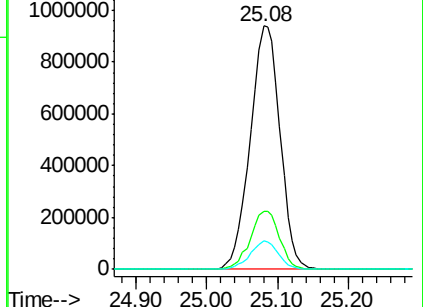
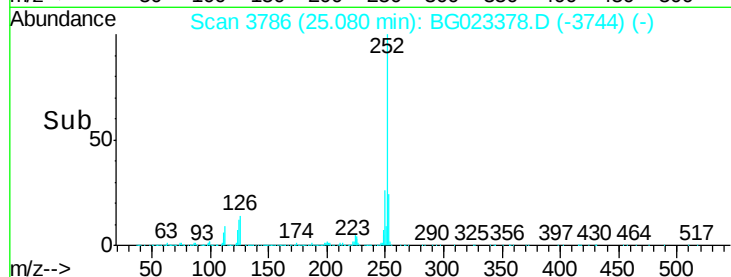
125 11.7 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.39 ng

RT: 29.17 min Scan# 4483

Delta R.T. -0.08 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

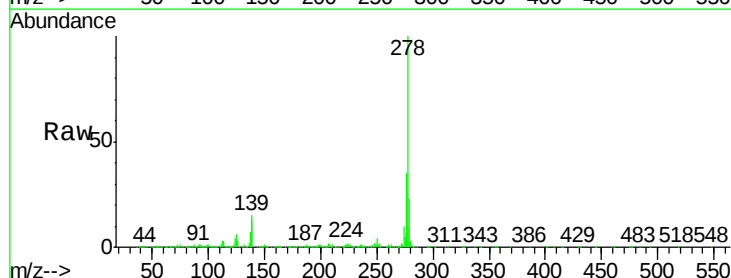
Tgt Ion:278 Resp: 2822851

Ion Ratio Lower Upper

278 100

139 15.0 4.7 7.1#

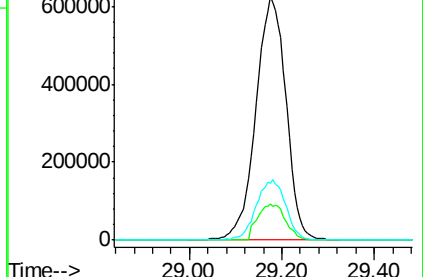
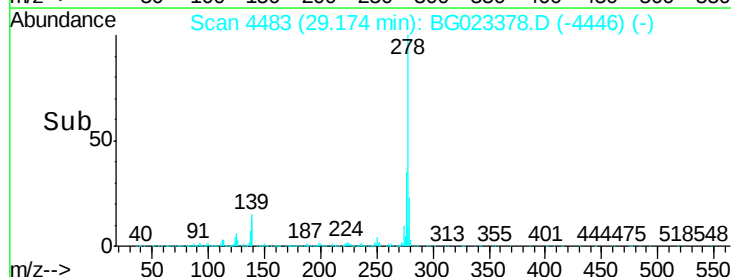
279 23.3 18.3 27.5

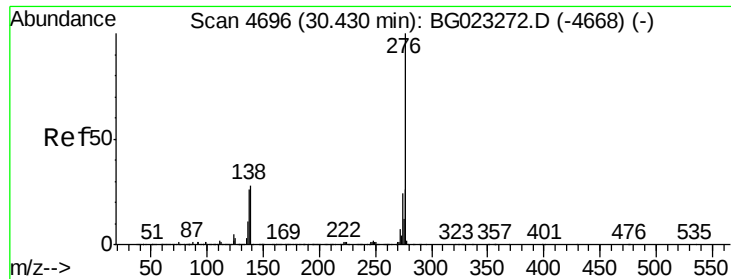


Abundance Ion 278.00 (277.70 to 278.70): E

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: 43.66 ng

RT: 30.32 min Scan# 4678

Delta R.T. -0.10 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:276 Resp: 2796861

Ion Ratio Lower Upper

276 100

277 25.5 18.6 27.8

138 18.9 6.8 10.2#

