

Data Path : Z:\HPCHEM1\BNA G\Data\BG062516\  
 Data File : BG022543.D  
 Acq On : 24 Jun 2016 17:51  
 Operator : UM/SJ  
 Sample : SSTDICC60  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Jun 24 18:25:30 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 24 17:18:41 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.17  | 152  | 147802   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.00 | 136  | 579564   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.81 | 164  | 385329   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.56 | 188  | 914225   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.86 | 240  | 1040523  | 20.00 | ng    | 0.01     |
| 86) Perylene-d12          | 25.22 | 264  | 1080142  | 20.00 | ng    | 0.01     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.71  | 112 | 1082003 | 58.50 | ng | 0.00 |
| 7) Phenol-d6             | 7.31  | 99  | 1493142 | 57.08 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 9.35  | 82  | 1645560 | 60.10 | ng | 0.01 |
| 41) 2,4,6-Tribromophenol | 16.29 | 330 | 715893  | 58.91 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.43 | 172 | 2808747 | 53.92 | ng | 0.00 |
| 78) Terphenyl-d14        | 20.16 | 244 | 3558946 | 44.75 | ng | 0.00 |

## Target Compounds

|                                |       |     |         |       |    | Qvalue |
|--------------------------------|-------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.60  | 88  | 235278  | 58.39 | ng | 97     |
| 3) Pyridine                    | 4.01  | 79  | 686669  | 66.79 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.91  | 42  | 354994  | 59.31 | ng | 93     |
| 6) Aniline                     | 7.50  | 93  | 1036536 | 60.22 | ng | 98     |
| 8) 2-Chlorophenol              | 7.73  | 128 | 563309  | 58.86 | ng | 99     |
| 9) Benzaldehyde                | 7.31  | 77  | 262518  | 56.94 | ng | 95     |
| 10) Phenol                     | 7.34  | 94  | 818978  | 59.60 | ng | 95     |
| 11) bis(2-Chloroethyl)ether    | 7.58  | 93  | 648334  | 56.95 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 8.06  | 146 | 667592  | 57.08 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 8.21  | 146 | 684442  | 58.58 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 8.53  | 146 | 629630  | 56.37 | ng | 98     |
| 15) Benzyl Alcohol             | 8.41  | 79  | 755565  | 63.37 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.71  | 45  | 721851  | 57.40 | ng | 97     |
| 17) 2-Methylphenol             | 8.60  | 107 | 518915  | 56.93 | ng | 98     |
| 18) Hexachloroethane           | 9.27  | 117 | 280366  | 57.87 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.98  | 70  | 631642  | 58.13 | ng | 100    |
| 20) 3+4-Methylphenols          | 8.94  | 107 | 721989  | 57.59 | ng | 96     |
| 22) Acetophenone               | 9.00  | 105 | 1004074 | 59.92 | ng | # 96   |
| 24) Nitrobenzene               | 9.39  | 77  | 902610  | 59.58 | ng | # 91   |
| 25) Isophorone                 | 9.92  | 82  | 1548068 | 57.95 | ng | 97     |
| 26) 2-Nitrophenol              | 10.10 | 139 | 342999  | 63.43 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 10.15 | 122 | 608152  | 58.12 | ng | 92     |
| 28) bis(2-Chloroethoxy)methane | 10.39 | 93  | 854446  | 58.69 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 10.63 | 162 | 618705  | 61.14 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.86 | 180 | 711092  | 58.86 | ng | 98     |
| 31) Naphthalene                | 11.05 | 128 | 1685031 | 57.49 | ng | 96     |
| 32) Benzoic acid               | 10.30 | 122 | 419170  | 79.80 | ng | 96     |
| 33) 4-Chloroaniline            | 11.15 | 127 | 796812  | 64.12 | ng | 97     |
| 34) Hexachlorobutadiene        | 11.33 | 225 | 563236  | 60.17 | ng | 97     |
| 35) Caprolactam                | 11.94 | 113 | 142880  | 45.08 | ng | 90     |
| 36) 4-Chloro-3-methylphenol    | 12.26 | 107 | 735633  | 58.90 | ng | 94     |
| 37) 2-Methylnaphthalene        | 12.64 | 142 | 1299564 | 57.13 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.00 | 216 | 852849  | 58.40 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 12.98 | 237 | 737795  | 64.16 | ng | 98     |

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 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

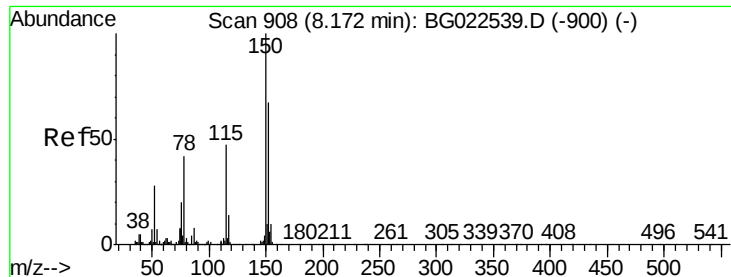
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Jun 24 18:25:30 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 24 17:18:41 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.24 | 196  | 577171   | 62.20  | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 13.31 | 196  | 607696   | 62.65  | nq    | 97       |
| 45) 1,1'-Biphenyl              | 13.64 | 154  | 1694235  | 57.36  | nq    | 95       |
| 46) 2-Chloronaphthalene        | 13.68 | 162  | 1413605  | 58.29  | nq    | 97       |
| 47) 2-Nitroaniline             | 13.88 | 65   | 585150   | 63.25  | nq    | 98       |
| 48) Acenaphthylene             | 14.53 | 152  | 2005022  | 56.80  | nq    | 94       |
| 49) Dimethylphthalate          | 14.26 | 163  | 1796335  | 55.61  | nq    | 96       |
| 50) 2,6-Dinitrotoluene         | 14.37 | 165  | 427441   | 61.80  | nq    | 91       |
| 51) Acenaphthene               | 14.87 | 154  | 1564102  | 60.71  | nq    | 99       |
| 52) 3-Nitroaniline             | 14.71 | 138  | 409831   | 63.60  | nq    | 93       |
| 53) 2,4-Dinitrophenol          | 14.91 | 184  | 284689   | 67.78  | nq    | 95       |
| 54) Dibenzofuran               | 15.21 | 168  | 2099841  | 55.59  | nq    | 98       |
| 55) 4-Nitrophenol              | 14.99 | 139  | 341489   | 62.51  | nq    | 100      |
| 56) 2,4-Dinitrotoluene         | 15.16 | 165  | 612363   | 64.29  | nq    | 95       |
| 57) Fluorene                   | 15.85 | 166  | 1681551  | 55.81  | nq    | 96       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.42 | 232  | 625534   | 62.13  | nq    | 98       |
| 59) Diethylphthalate           | 15.62 | 149  | 1845137  | 55.55  | nq    | 95       |
| 60) 4-Chlorophenyl-phenylether | 15.84 | 204  | 1036469  | 58.10  | nq    | 96       |
| 61) 4-Nitroaniline             | 15.87 | 138  | 402944   | 60.10  | nq    | 87       |
| 62) Azobenzene                 | 16.13 | 77   | 1981683  | 55.02  | nq    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 15.92 | 198  | 405419   | 67.27  | nq    | 95       |
| 65) n-Nitrosodiphenylamine     | 16.05 | 169  | 1583445  | 59.44  | nq    | 94       |
| 66) 4-Bromophenyl-phenylether  | 16.74 | 248  | 708388   | 59.68  | nq    | 98       |
| 67) Hexachlorobenzene          | 16.86 | 284  | 744418   | 59.25  | nq    | 98       |
| 68) Atrazine                   | 17.00 | 200  | 688102   | 61.47  | nq    | 98       |
| 69) Pentachlorophenol          | 17.20 | 266  | 539971   | 63.02  | nq    | 99       |
| 70) Phenanthrene               | 17.60 | 178  | 2577003  | 54.56  | nq    | 93       |
| 71) Anthracene                 | 17.69 | 178  | 2613069  | 53.63  | nq    | 92       |
| 72) Carbazole                  | 17.95 | 167  | 2307202  | 56.21  | nq    | 94       |
| 73) Di-n-butylphthalate        | 18.51 | 149  | 2668286  | 52.85  | nq    | # 95     |
| 74) Fluoranthene               | 19.61 | 202  | 2981211  | 52.05  | nq    | 91       |
| 76) Benzidine                  | 19.78 | 184  | 1052386  | 107.54 | nq    | 99       |
| 77) Pyrene                     | 19.96 | 202  | 3059257  | 51.55  | nq    | # 91     |
| 79) Butylbenzylphthalate       | 20.85 | 149  | 1431094  | 59.59  | nq    | 98       |
| 80) Benzo(a)anthracene         | 21.83 | 228  | 3217679  | 52.34  | nq    | 92       |
| 81) 3,3'-Dichlorobenzidine     | 21.74 | 252  | 1429272  | 60.12  | nq    | # 97     |
| 82) Chrysene                   | 21.90 | 228  | 3030672  | 52.55  | nq    | # 89     |
| 83) Bis(2-ethylhexyl)phthalate | 21.73 | 149  | 1941625  | 57.08  | nq    | 97       |
| 84) Di-n-octyl phthalate       | 23.00 | 149  | 3066969  | 54.34  | nq    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 29.09 | 276  | 4121624  | 57.64  | nq    | # 100    |
| 87) Benzo(b)fluoranthene       | 24.15 | 252  | 3657193  | 55.74  | nq    | # 95     |
| 88) Benzo(k)fluoranthene       | 24.22 | 252  | 3390668  | 54.50  | nq    | # 92     |
| 89) Benzo(a)pyrene             | 25.06 | 252  | 3548608  | 55.43  | nq    | # 95     |
| 90) Dibenzo(a,h)anthracene     | 29.15 | 278  | 3374397  | 56.08  | nq    | # 94     |
| 91) Benzo(g,h,i)perylene       | 30.30 | 276  | 3432384  | 56.04  | nq    | 97       |

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



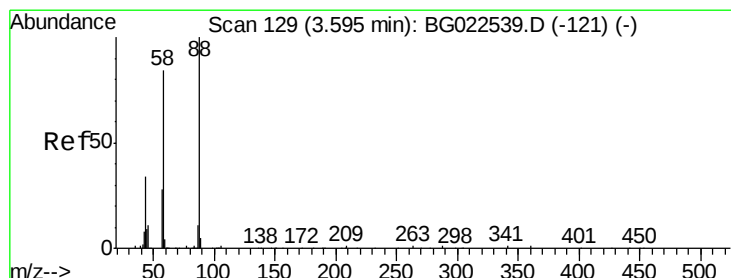
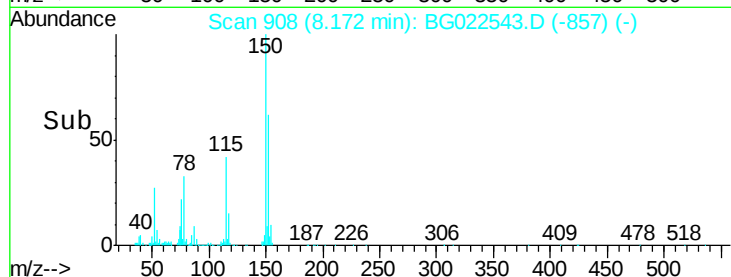
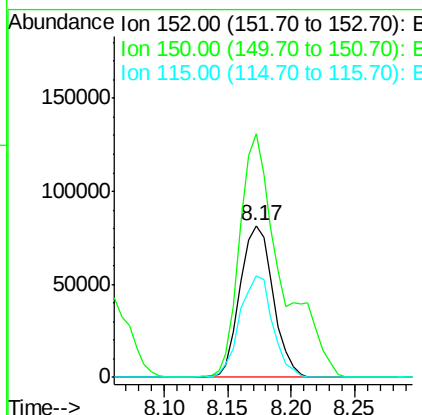
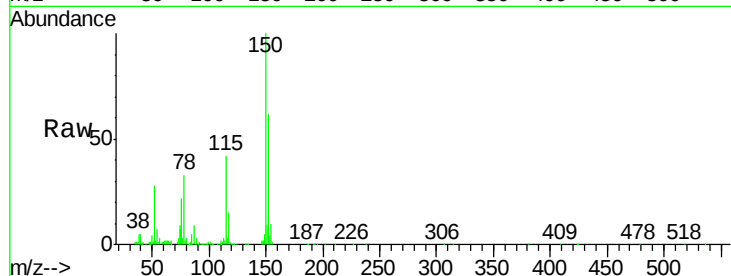


#1

1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.17 min Scan# 908  
Delta R.T. -0.00 min  
Lab File: BG022543.D  
Acq: 24 Jun 2016 17:51

Instrument :  
BNA\_G  
ClientSampleId :

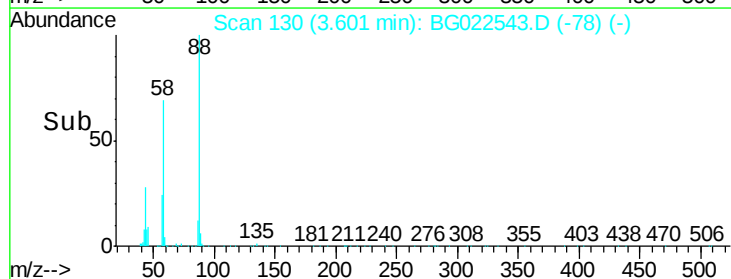
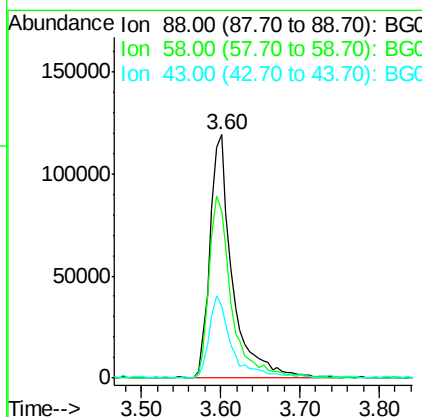
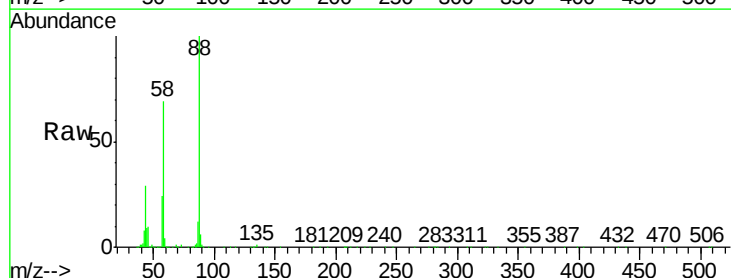
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 160.5 | 144.7 | 217.1 |
| 115     | 67.0  | 64.0  | 96.0  |

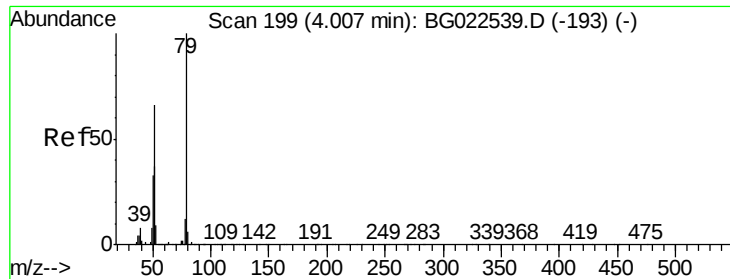


#2

1,4-Dioxane  
Concen: 58.39 ng  
RT: 3.60 min Scan# 130  
Delta R.T. 0.01 min  
Lab File: BG022543.D  
Acq: 24 Jun 2016 17:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 75.1  | 60.4  | 90.6  |
| 43      | 33.7  | 31.1  | 46.7  |





#3

Pvridine

Concen: 66.79 ng

RT: 4.01 min Scan# 199

Delta R.T. -0.00 min

Lab File: BG022543.D

Acq: 24 Jun 2016 17:51

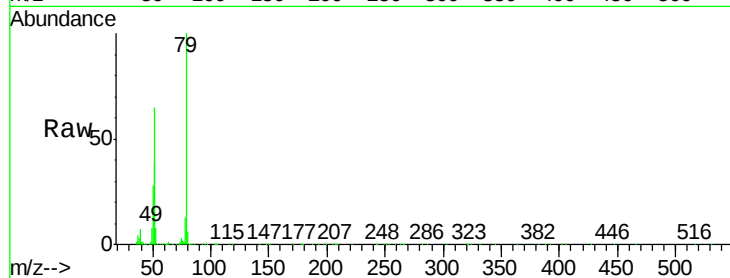
Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 79 Resp: 686669

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 65.3  | 51.8  | 77.8  |
| 51  | 38.9  | 32.7  | 49.1  |

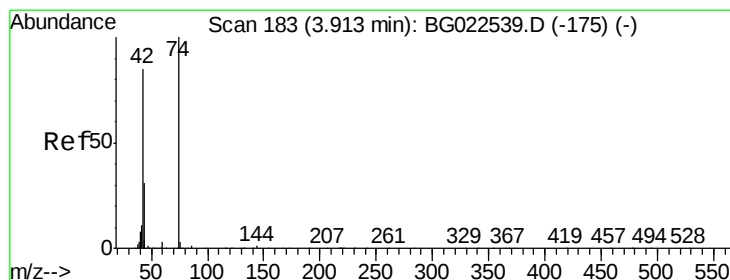
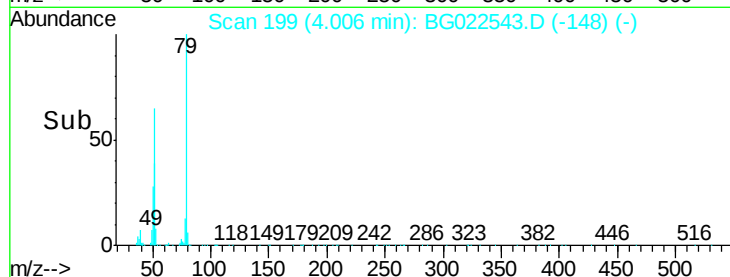
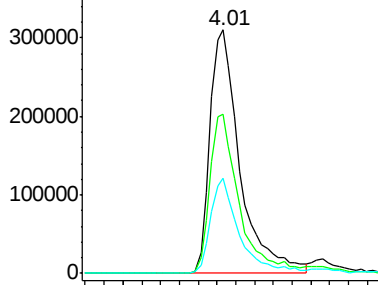


Abundance

Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 59.31 ng

RT: 3.91 min Scan# 183

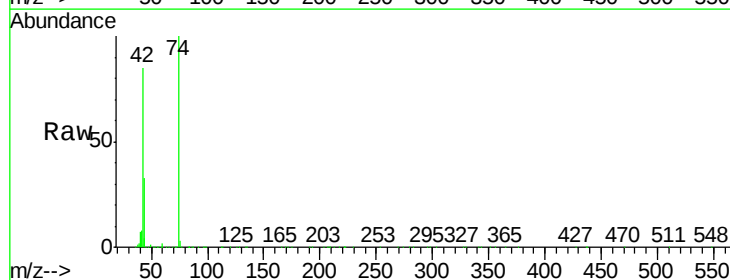
Delta R.T. -0.00 min

Lab File: BG022543.D

Acq: 24 Jun 2016 17:51

Tgt Ion: 42 Resp: 354994

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 118.0 | 100.6 | 150.8 |
| 44  | 5.2   | 4.5   | 6.7   |

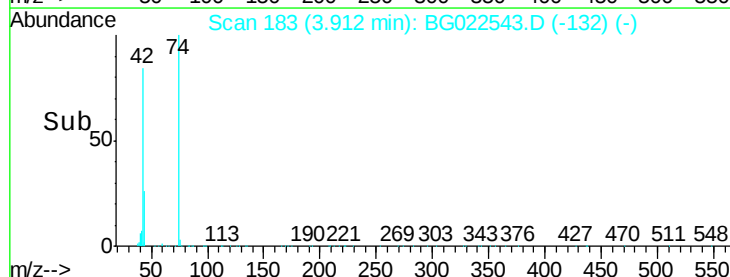
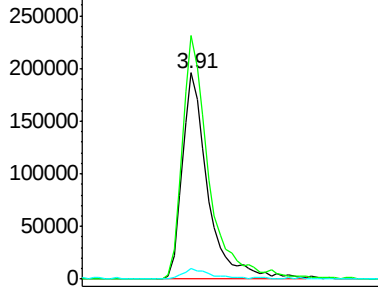


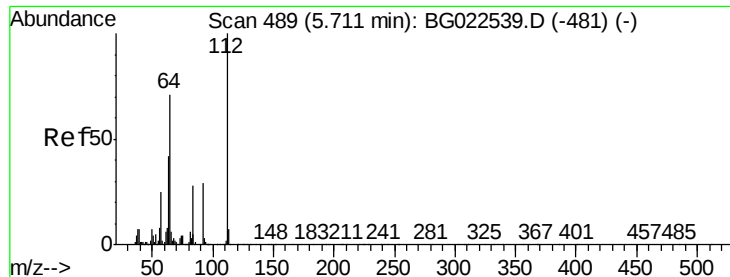
Abundance

Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 58.50 ng

RT: 5.71 min Scan# 489

Delta R.T. 0.01 min

Lab File: BG022543.D

Acq: 24 Jun 2016 17:51

Instrument :

BNA\_G

ClientSampleId :

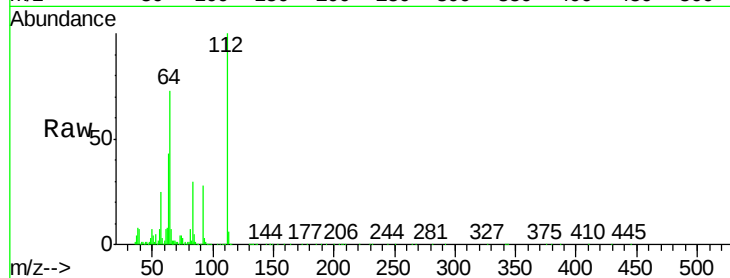
Tot Ion:112 Resp: 1082003

Ion Ratio Lower Upper

112 100

64 72.9 59.0 88.4

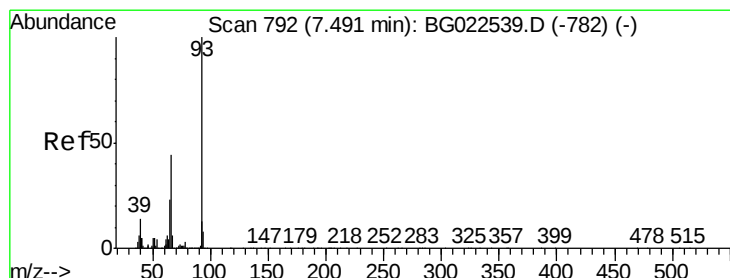
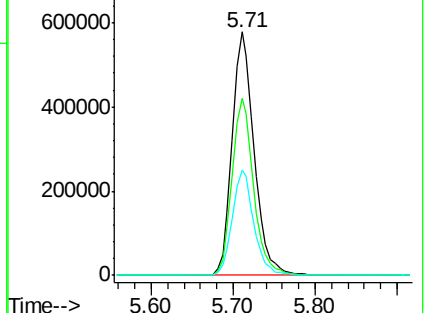
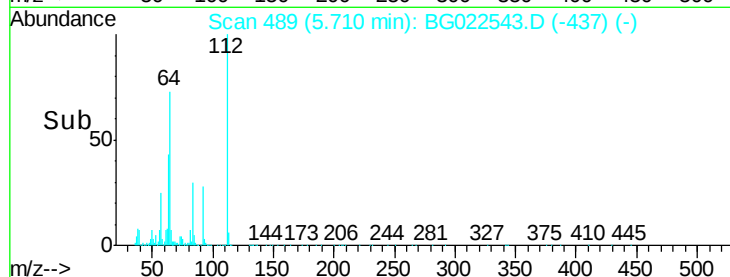
63 43.3 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 60.22 ng

RT: 7.50 min Scan# 793

Delta R.T. 0.01 min

Lab File: BG022543.D

Acq: 24 Jun 2016 17:51

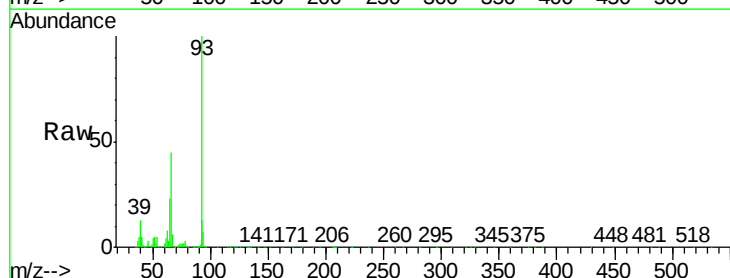
Tgt Ion: 93 Resp: 1036536

Ion Ratio Lower Upper

93 100

66 45.3 37.5 56.3

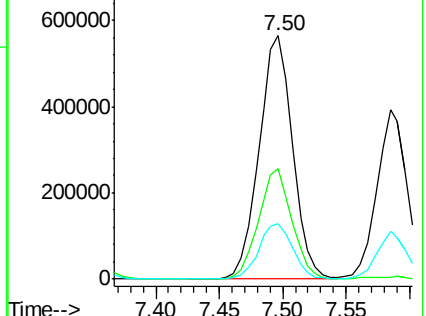
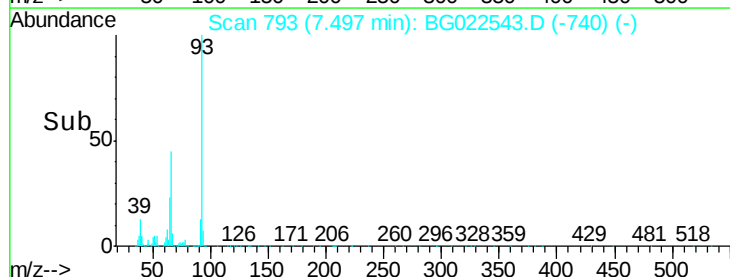
65 22.6 17.9 26.9

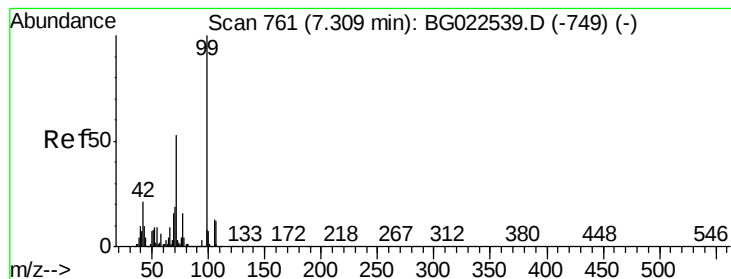


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 57.08 ng

RT: 7.31 min Scan# 762

Delta R.T. 0.01 min

Lab File: BG022543.D

Acq: 24 Jun 2016 17:51

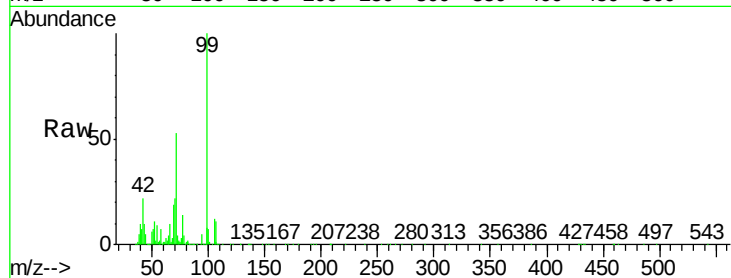
Instrument :

BNA\_G

ClientSampled :

Tot Ion: 99 Resp: 1493142

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 22.1  | 17.8  | 26.6  |
| 71  | 52.5  | 41.5  | 62.3  |

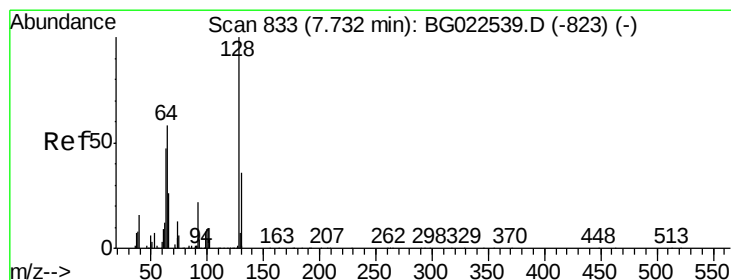
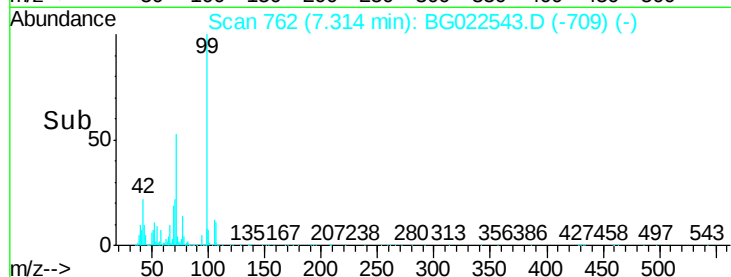
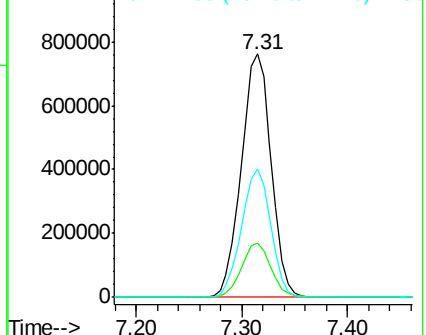


Abundance

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: 58.86 ng

RT: 7.73 min Scan# 833

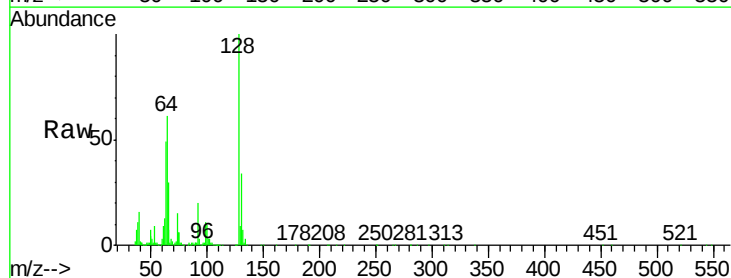
Delta R.T. 0.01 min

Lab File: BG022543.D

Acq: 24 Jun 2016 17:51

Tgt Ion: 128 Resp: 563309

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 34.4  | 12.9  | 52.9  |
| 64  | 61.4  | 42.0  | 82.0  |

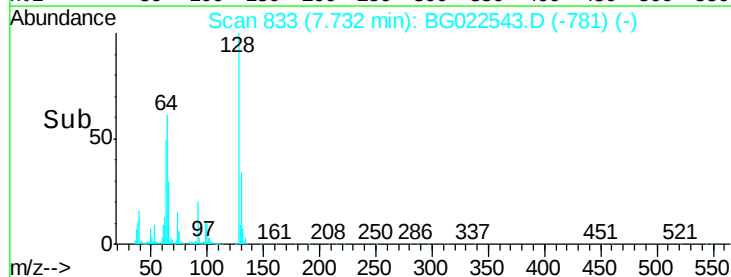
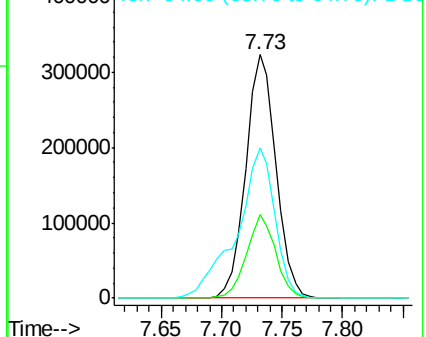


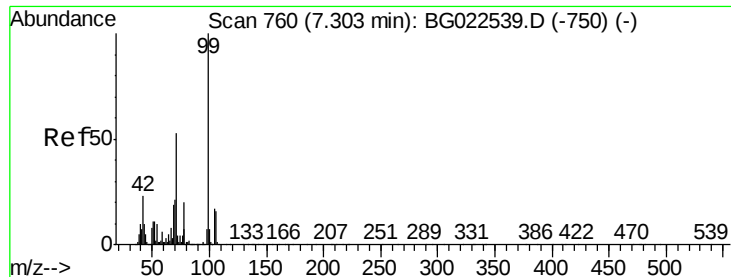
Abundance

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: 56.94 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022543.D

Acq: 24 Jun 2016 17:51

Instrument :

BNA\_G

ClientSampleId :

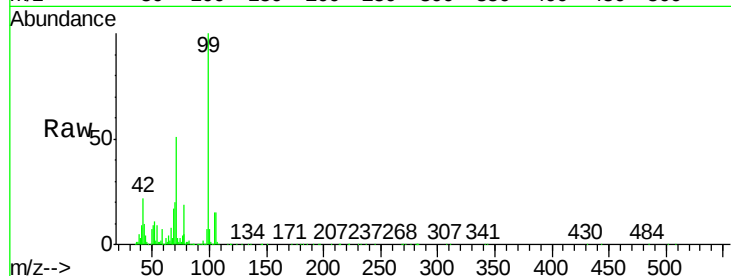
Tot Ion: 77 Resp: 262518

Ion Ratio Lower Upper

77 100

105 78.4 58.7 98.7

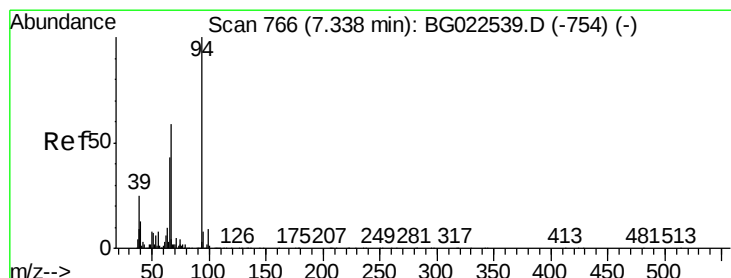
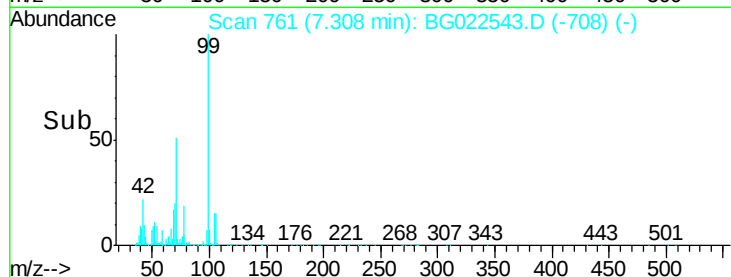
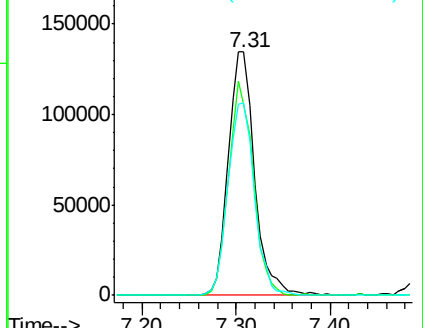
106 79.1 67.5 107.5



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: 59.60 ng

RT: 7.34 min Scan# 767

Delta R.T. 0.01 min

Lab File: BG022543.D

Acq: 24 Jun 2016 17:51

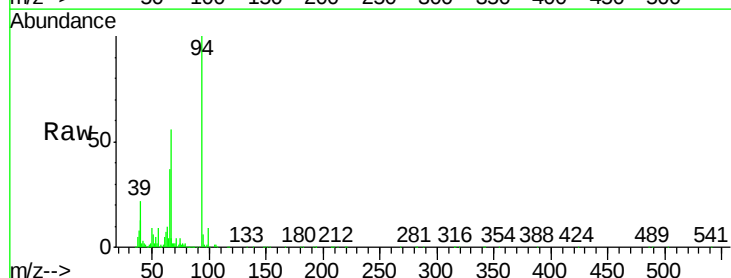
Tgt Ion: 94 Resp: 818978

Ion Ratio Lower Upper

94 100

65 37.4 18.1 58.1

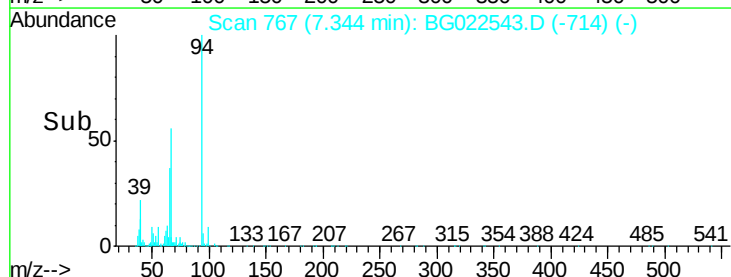
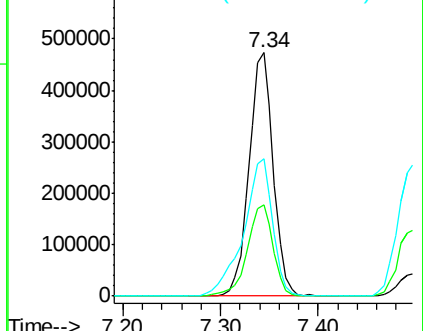
66 56.3 42.1 82.1

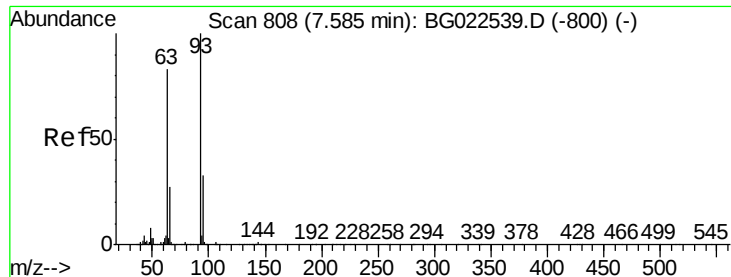


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

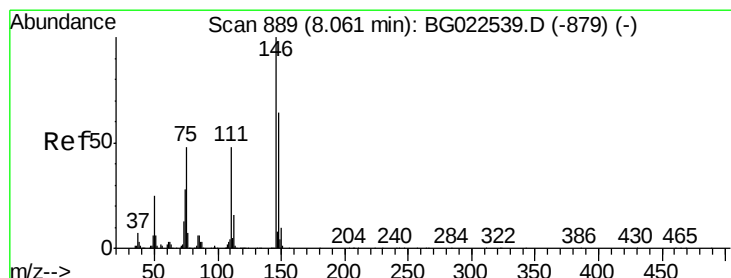
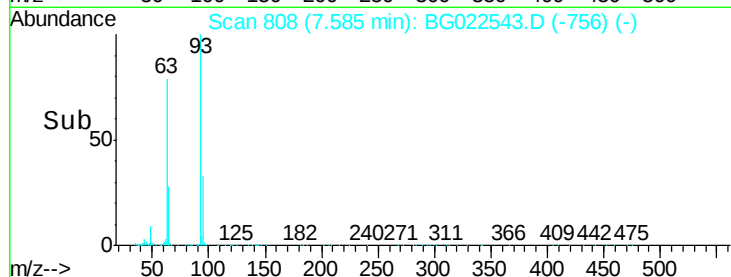
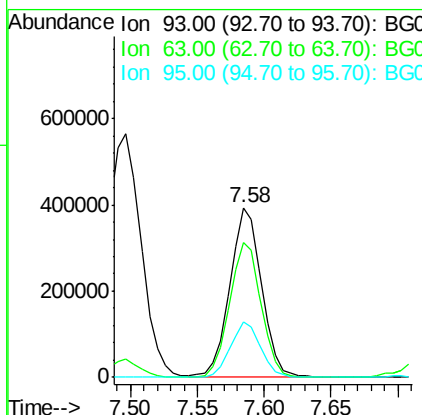
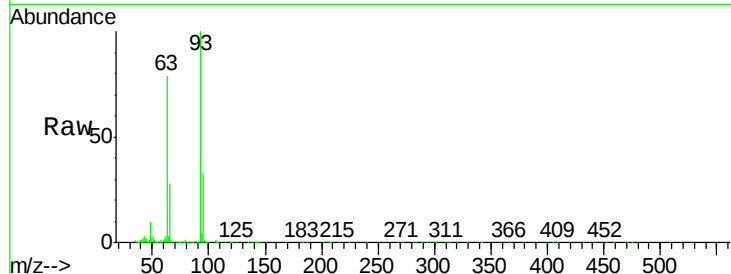




#11  
bis(2-Chloroethyl)ether  
Concen: 56.95 ng  
RT: 7.58 min Scan# 808  
Delta R.T. 0.01 min  
Lab File: BG022543.D  
Acq: 24 Jun 2016 17:51

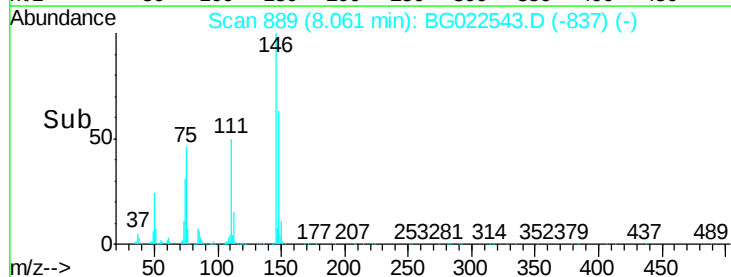
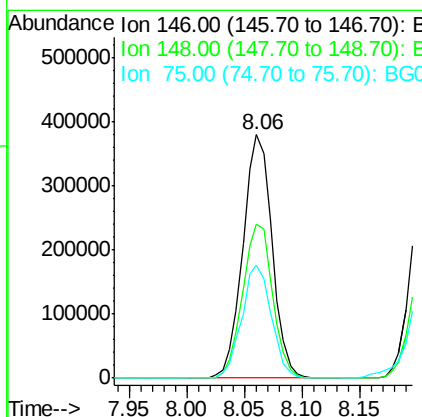
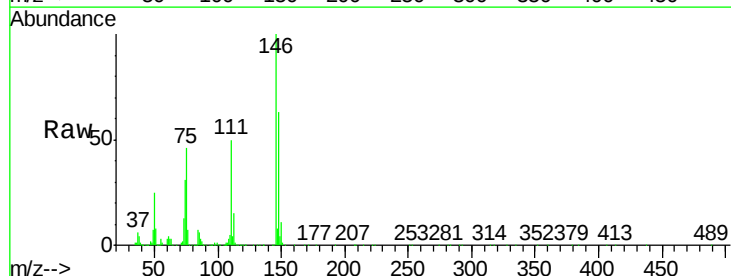
Instrument :  
BNA\_G  
ClientSampleId :

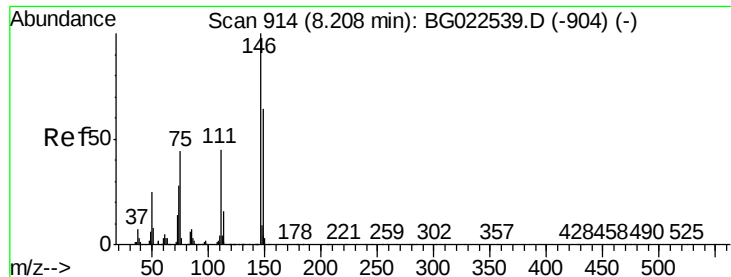
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 79.2  | 55.0  | 95.0  |
| 95      | 32.7  | 11.0  | 51.0  |



#12  
1,3-Dichlorobenzene  
Concen: 57.08 ng  
RT: 8.06 min Scan# 889  
Delta R.T. 0.01 min  
Lab File: BG022543.D  
Acq: 24 Jun 2016 17:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.4  | 50.3  | 75.5  |
| 75      | 46.5  | 37.0  | 55.6  |

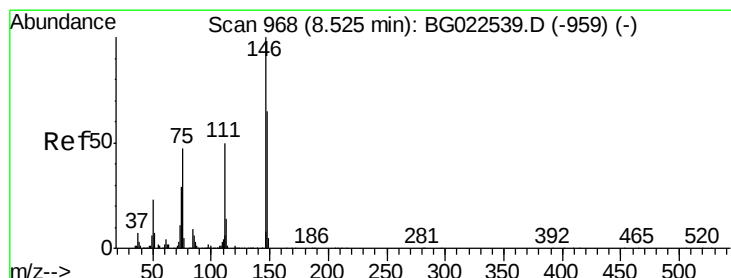
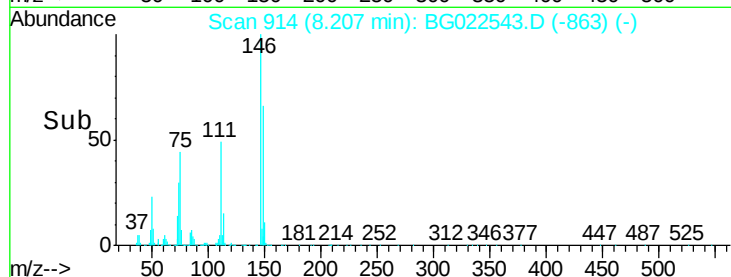
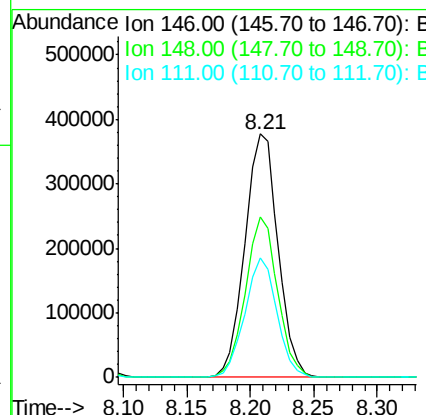
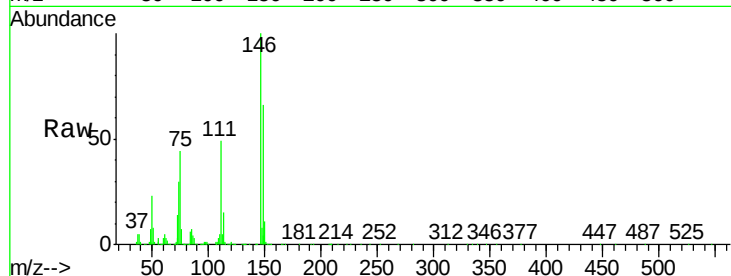




#13  
 1,4-Dichlorobenzene  
 Concen: 58.58 ng  
 RT: 8.21 min Scan# 914  
 Delta R.T. -0.00 min  
 Lab File: BG022543.D  
 Acq: 24 Jun 2016 17:51

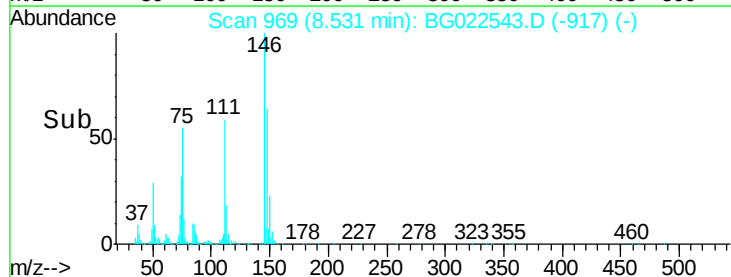
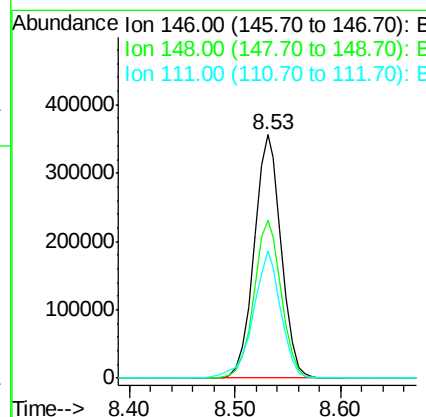
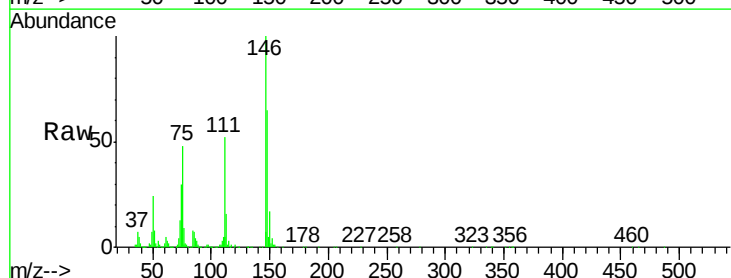
Instrument :  
 BNA\_G  
 ClientSampled :

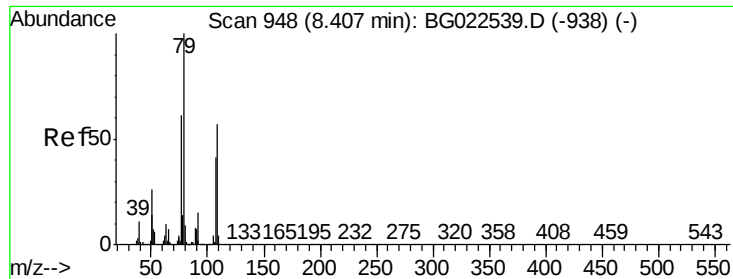
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.1  | 54.5  | 81.7  |
| 111     | 49.0  | 37.8  | 56.8  |



#14  
 1,2-Dichlorobenzene  
 Concen: 56.37 ng  
 RT: 8.53 min Scan# 969  
 Delta R.T. 0.01 min  
 Lab File: BG022543.D  
 Acq: 24 Jun 2016 17:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.7  | 52.9  | 79.3  |
| 111     | 52.5  | 43.5  | 65.3  |





#15

Benzyl Alcohol

Concen: 63.37 ng

RT: 8.41 min Scan# 948

Delta R.T. 0.01 min

Lab File: BG022543.D

Acq: 24 Jun 2016 17:51

Instrument :

BNA\_G

ClientSampleId :

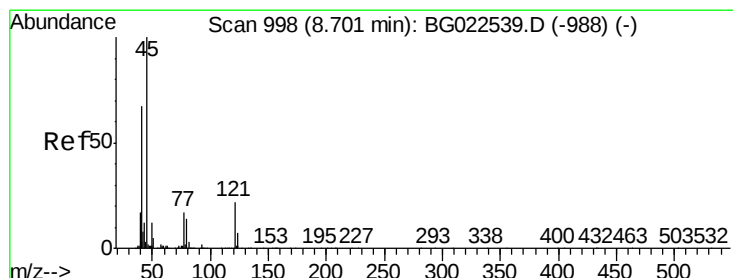
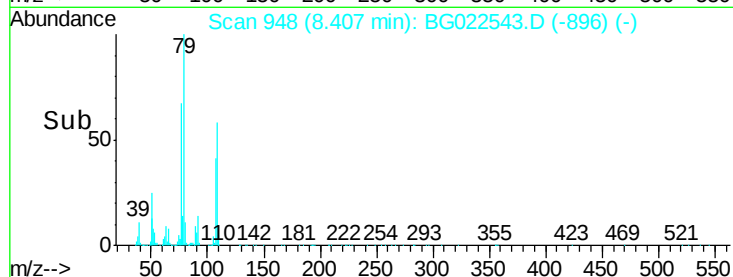
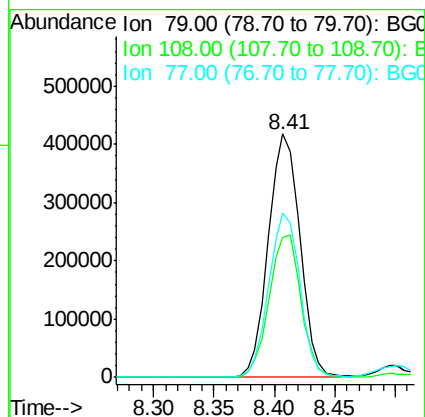
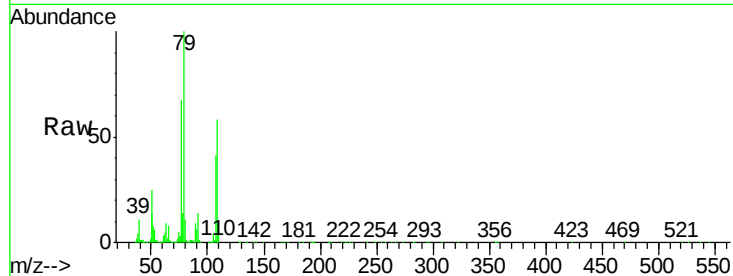
Tot Ion: 79 Resp: 755565

Ion Ratio Lower Upper

79 100

108 57.7 46.5 69.7

77 67.2 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 57.40 ng

RT: 8.71 min Scan# 999

Delta R.T. 0.01 min

Lab File: BG022543.D

Acq: 24 Jun 2016 17:51

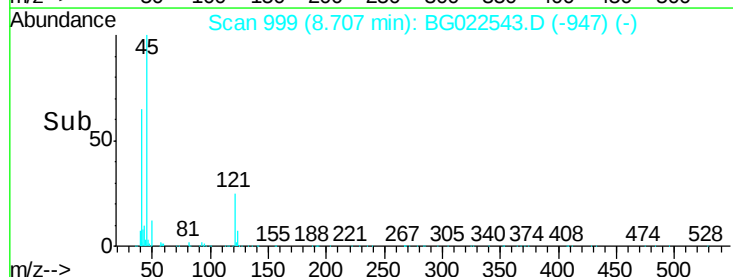
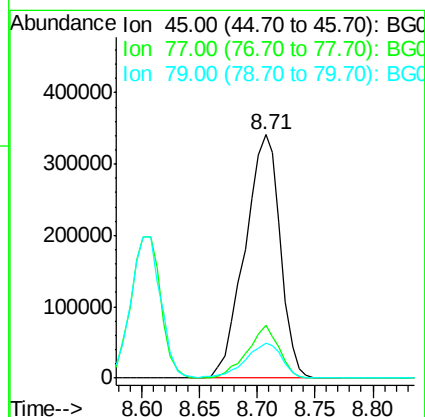
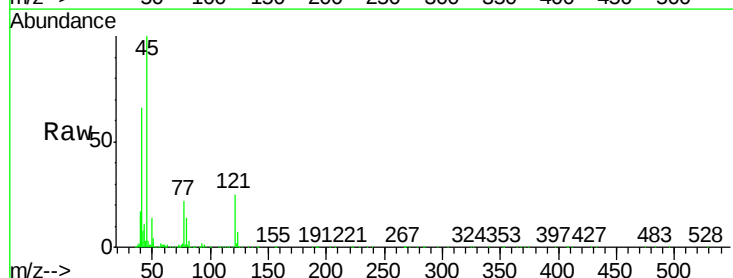
Tgt Ion: 45 Resp: 721851

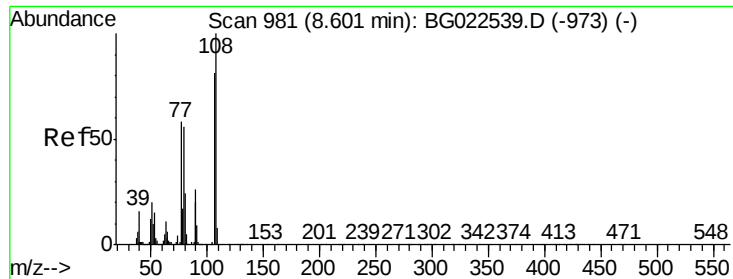
Ion Ratio Lower Upper

45 100

77 21.6 0.6 40.6

79 14.3 0.0 36.2





#17

2-Methylphenol

Concen: 56.93 ng

RT: 8.60 min Scan# 981

Delta R.T. 0.01 min

Lab File: BG022543.D

Acq: 24 Jun 2016 17:51

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:107 Resp: 518915

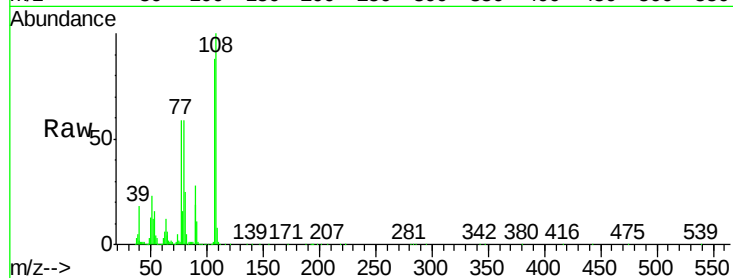
Ion Ratio Lower Upper

107 100

108 113.3 92.0 138.0

77 67.0 55.8 83.6

79 66.9 55.0 82.6



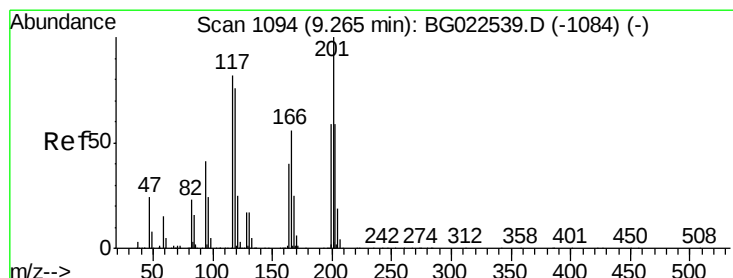
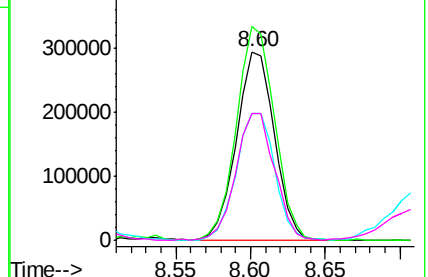
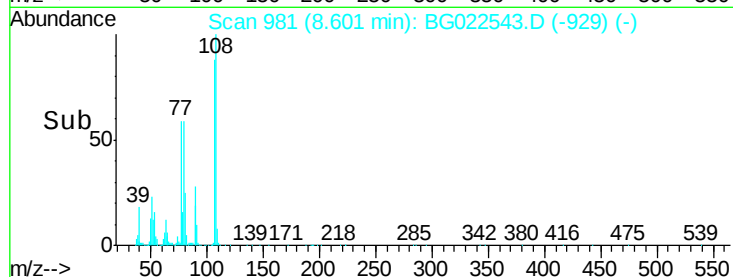
Abundance Ion 107.00 (106.70 to 107.70): E

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

Time-->



#18

Hexachloroethane

Concen: 57.87 ng

RT: 9.27 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BG022543.D

Acq: 24 Jun 2016 17:51

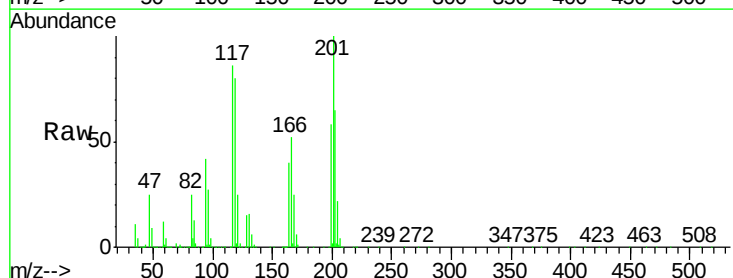
Tgt Ion:117 Resp: 280366

Ion Ratio Lower Upper

117 100

119 92.6 73.7 110.5

201 118.9 88.7 133.1

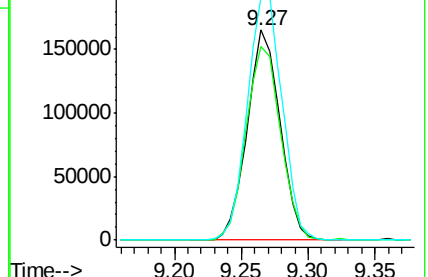
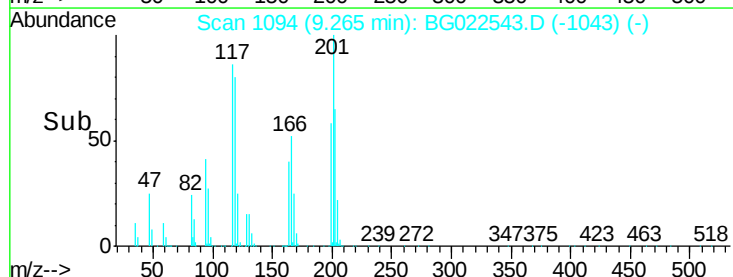


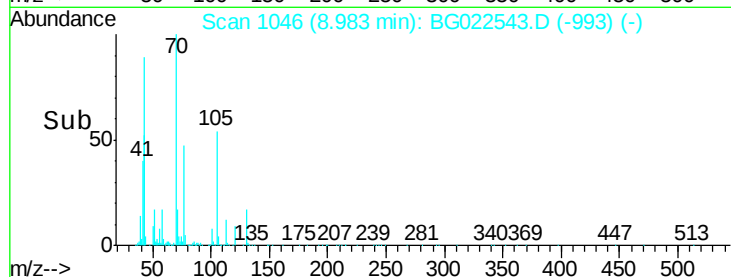
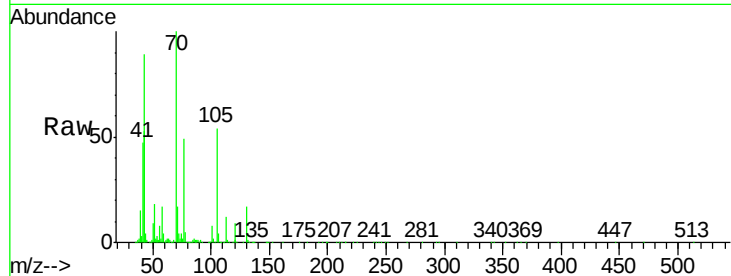
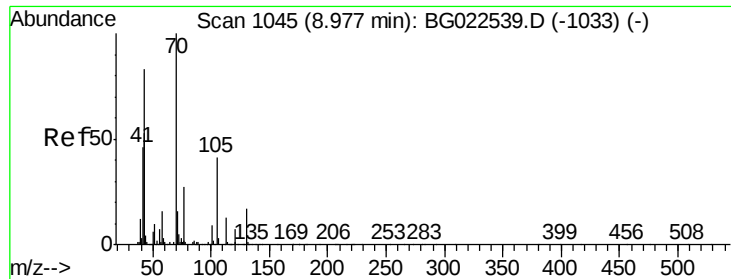
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->

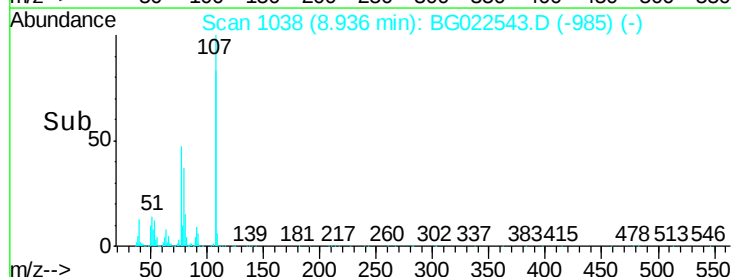
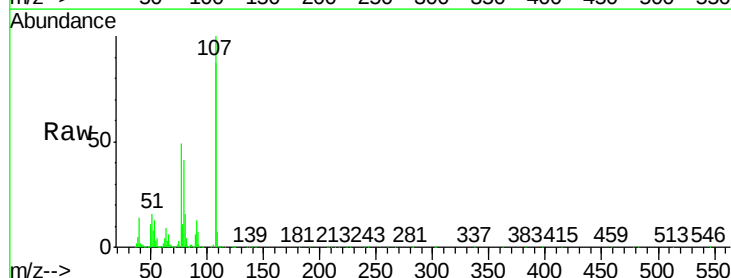
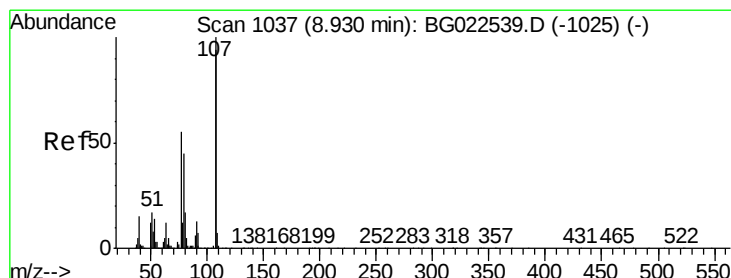
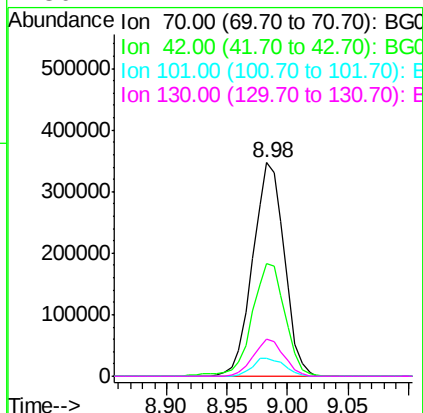




#19  
n-Nitroso-di-n-propylamine  
Concen: 58.13 ng  
RT: 8.98 min Scan# 1046  
Delta R.T. 0.01 min  
Lab File: BG022543.D  
Acq: 24 Jun 2016 17:51

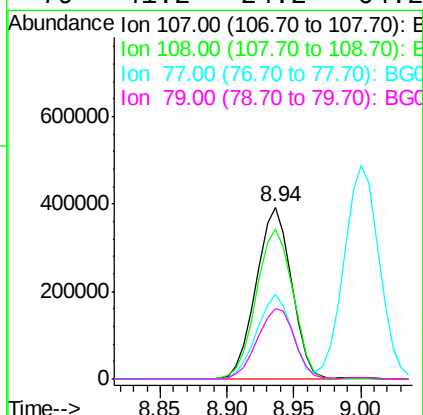
Instrument :  
BNA\_G  
ClientSampleId :

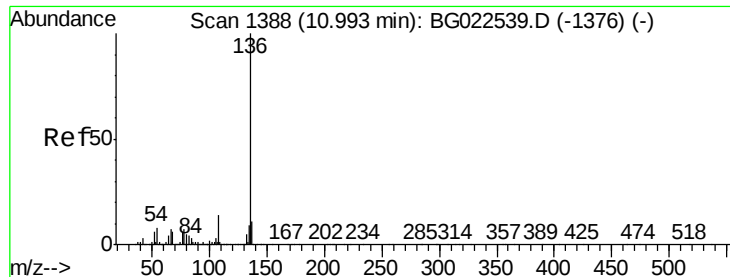
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 631642 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 52.5  | 42.1  | 63.1   |
| 101      | 8.4   | 7.2   | 10.8   |
| 130      | 17.4  | 14.2  | 21.2   |



#20  
3+4-Methylphenols  
Concen: 57.59 ng  
RT: 8.94 min Scan# 1038  
Delta R.T. 0.01 min  
Lab File: BG022543.D  
Acq: 24 Jun 2016 17:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 721989 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 87.2  | 72.5  | 112.5  |
| 77       | 49.2  | 30.1  | 70.1   |
| 79       | 41.2  | 24.2  | 64.2   |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.00 min Scan# 1389

Delta R.T. 0.01 min

Lab File: BG022543.D

Acq: 24 Jun 2016 17:51

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:136 Resp: 579564

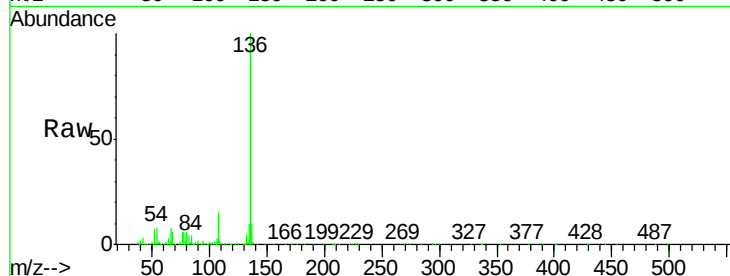
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.3  | 9.6   | 14.4  |
| 54  | 8.1   | 7.3   | 10.9  |
| 68  | 6.1   | 5.3   | 7.9   |

136 100

137 10.3 9.6 14.4

54 8.1 7.3 10.9

68 6.1 5.3 7.9

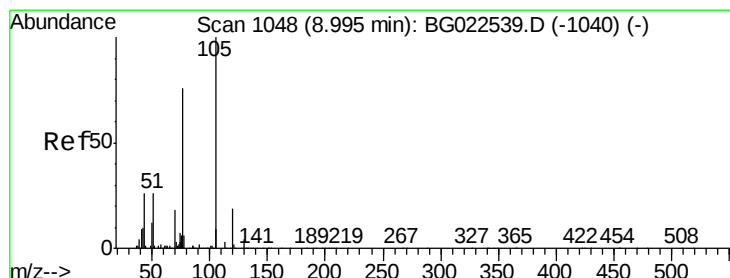
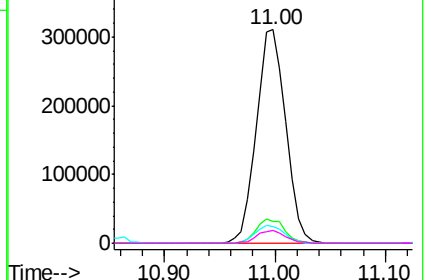
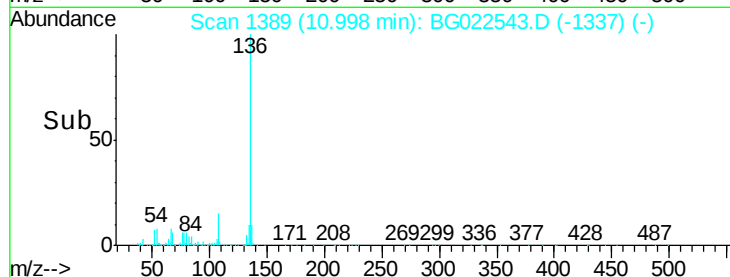


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.92 ng

RT: 9.00 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BG022543.D

Acq: 24 Jun 2016 17:51

Tgt Ion:105 Resp: 1004074

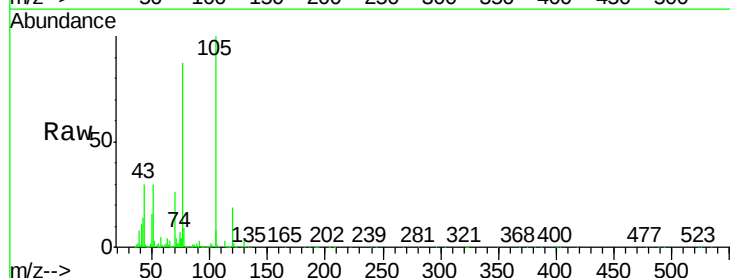
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 3.9   | 2.6   | 3.8#  |
| 51  | 30.1  | 27.1  | 40.7  |
| 120 | 19.0  | 15.1  | 22.7  |

105 100

71 3.9 2.6 3.8#

51 30.1 27.1 40.7

120 19.0 15.1 22.7

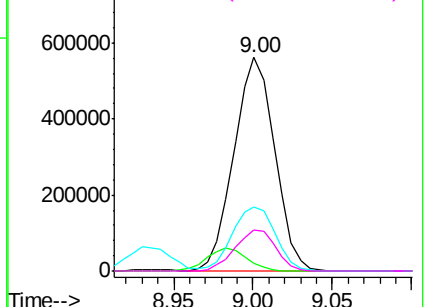
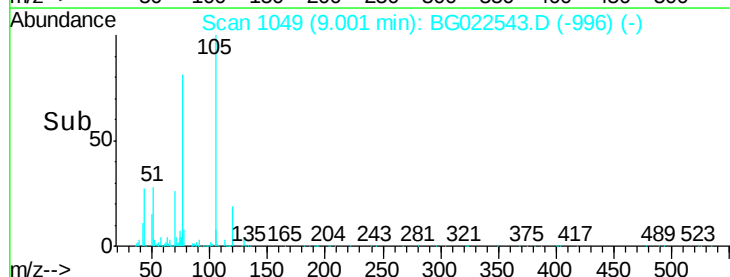


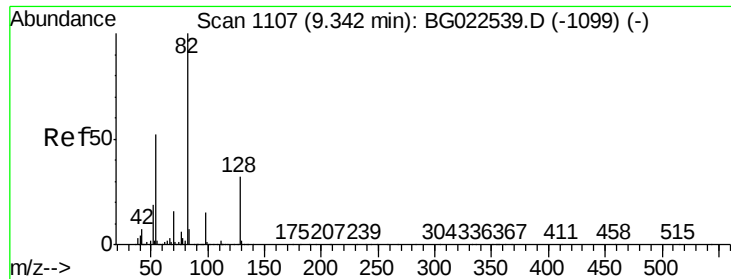
Abundance Ion 105.00 (104.70 to 105.70): E

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

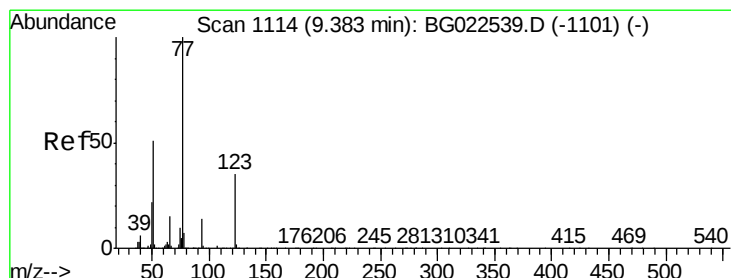
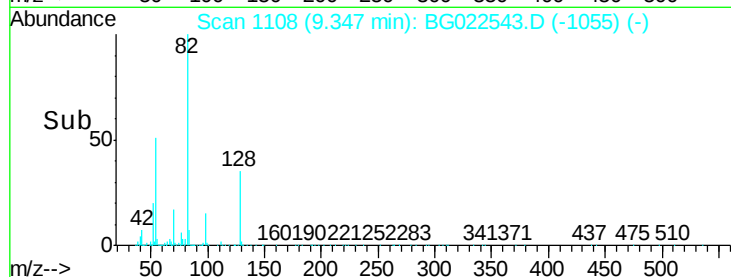
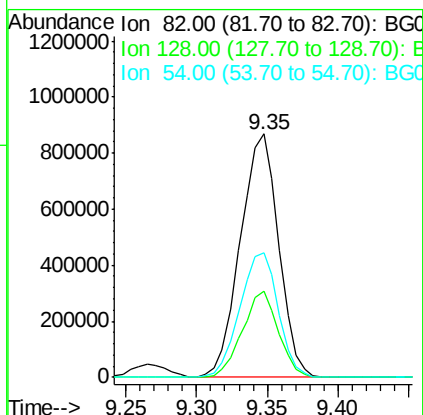
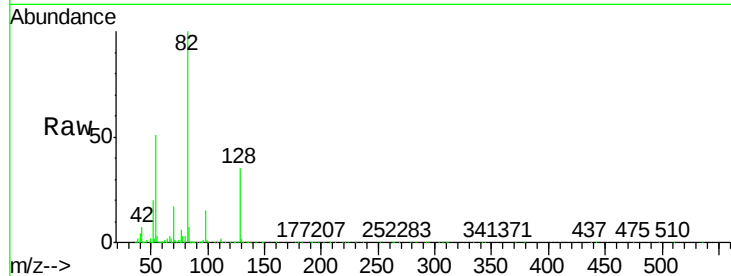




#23  
 Nitrobenzene-d5  
 Concen: 60.10 ng  
 RT: 9.35 min Scan# 1108  
 Delta R.T. 0.01 min  
 Lab File: BG022543.D  
 Acq: 24 Jun 2016 17:51

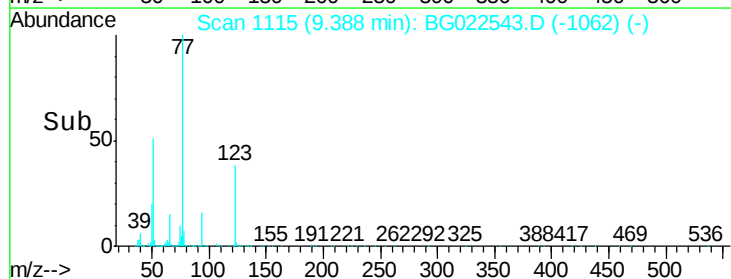
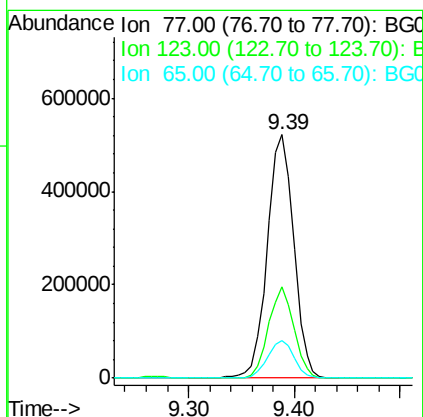
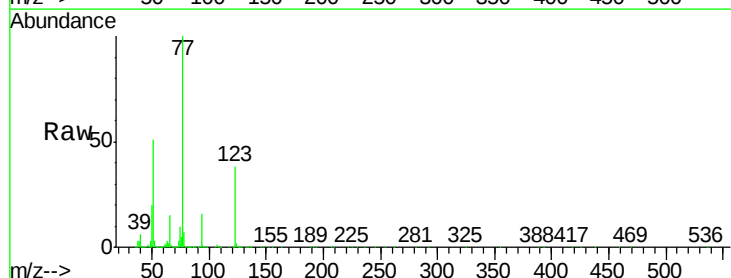
Instrument :  
 BNA\_G  
 ClientSampled :

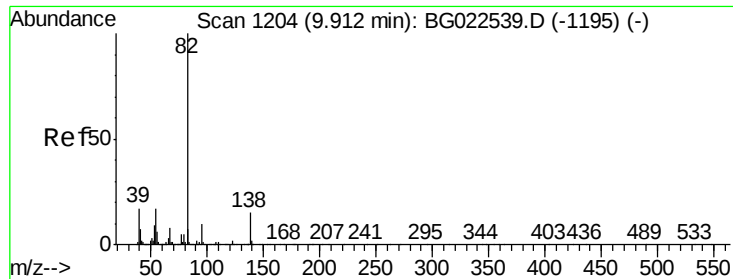
Tot Ion: 82 Resp: 1645560  
 Ion Ratio Lower Upper  
 82 100  
 128 35.3 24.4 36.6  
 54 51.4 41.4 62.0



#24  
 Nitrobenzene  
 Concen: 59.58 ng  
 RT: 9.39 min Scan# 1115  
 Delta R.T. 0.01 min  
 Lab File: BG022543.D  
 Acq: 24 Jun 2016 17:51

Tgt Ion: 77 Resp: 902610  
 Ion Ratio Lower Upper  
 77 100  
 123 37.6 25.0 37.6#  
 65 15.3 13.4 20.0

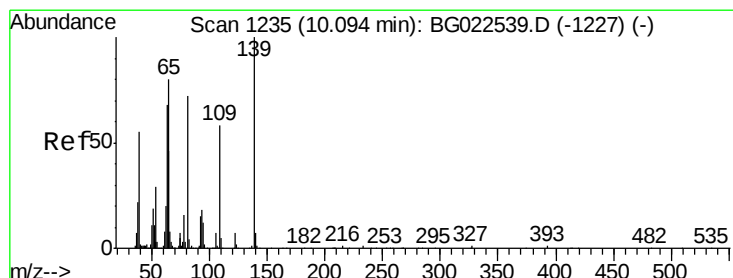
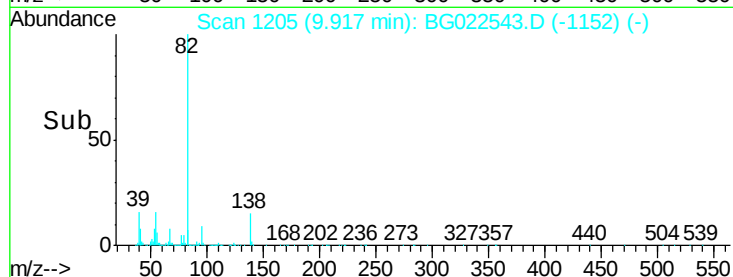
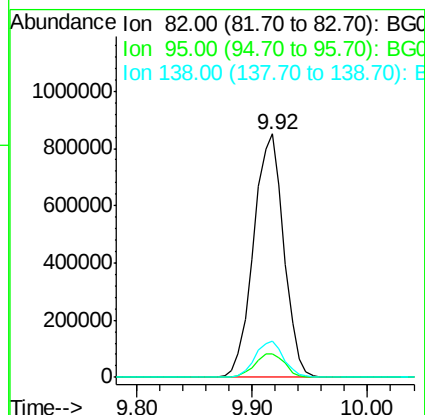
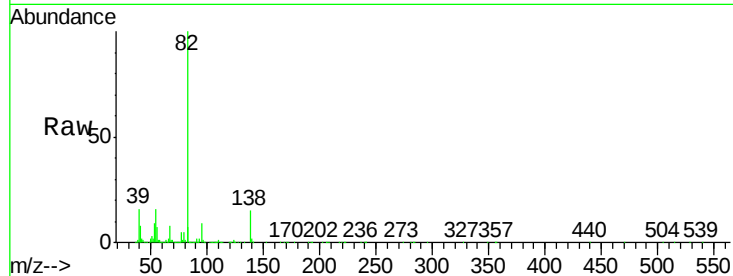




#25  
Isophorone  
Concen: 57.95 ng  
RT: 9.92 min Scan# 1205  
Delta R.T. 0.01 min  
Lab File: BG022543.D  
Acq: 24 Jun 2016 17:51

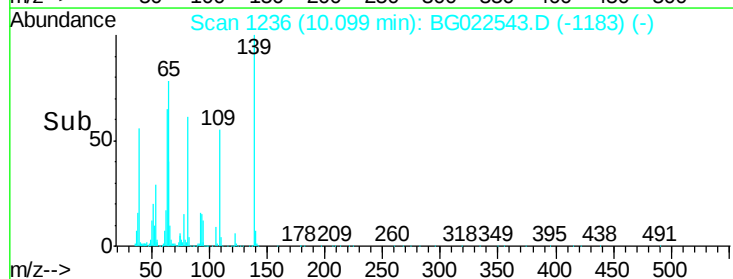
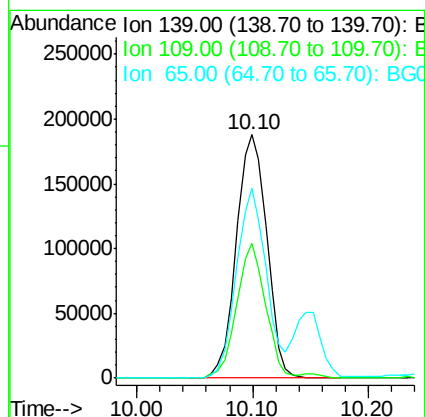
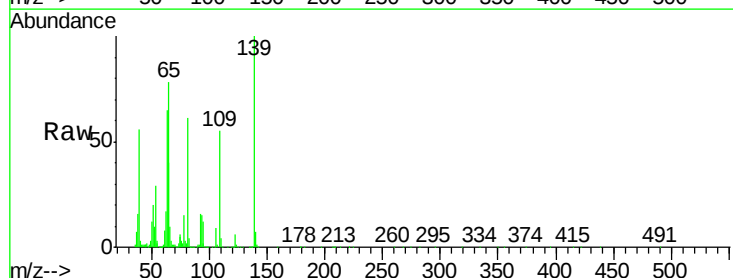
Instrument :  
BNA\_G  
ClientSampled :

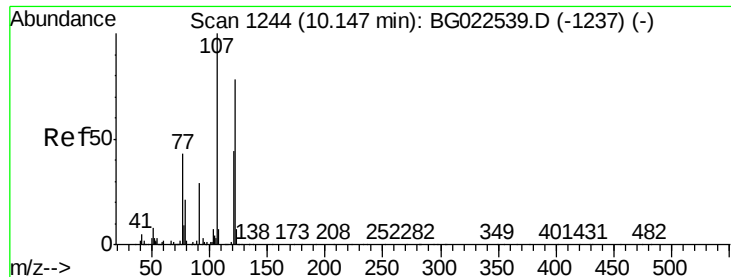
Tot Ion: 82 Resp: 1548068  
Ion Ratio Lower Upper  
82 100  
95 9.4 8.2 12.2  
138 15.1 10.7 16.1



#26  
2-Nitrophenol  
Concen: 63.43 ng  
RT: 10.10 min Scan# 1236  
Delta R.T. 0.01 min  
Lab File: BG022543.D  
Acq: 24 Jun 2016 17:51

Tgt Ion: 139 Resp: 342999  
Ion Ratio Lower Upper  
139 100  
109 55.4 43.5 65.3  
65 78.2 64.3 96.5

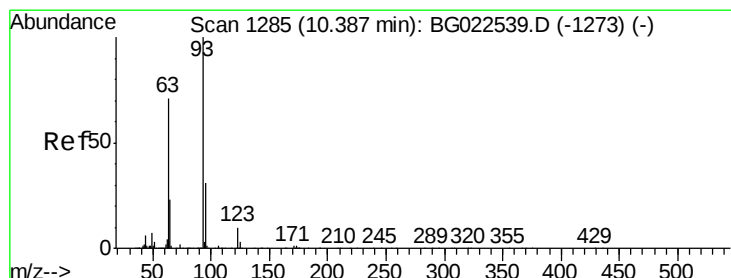
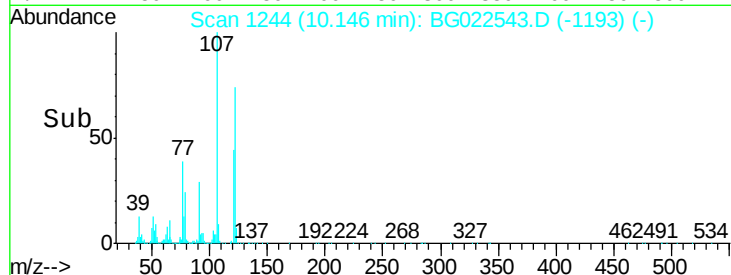
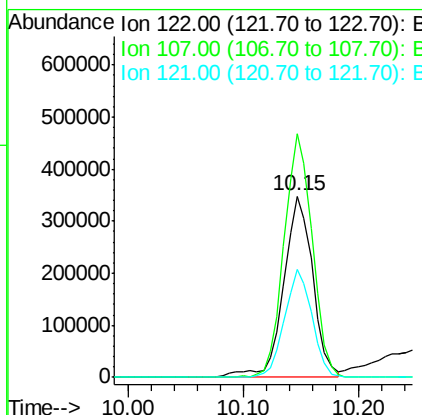
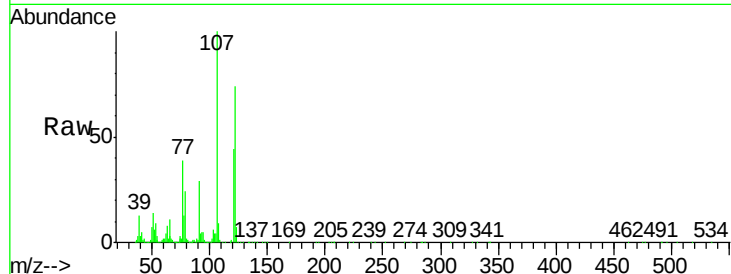




#27  
2,4-Dimethylphenol  
Concen: 58.12 ng  
RT: 10.15 min Scan# 1244  
Delta R.T. -0.00 min  
Lab File: BG022543.D  
Acq: 24 Jun 2016 17:51

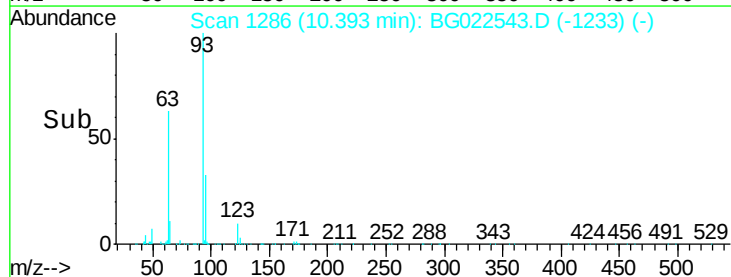
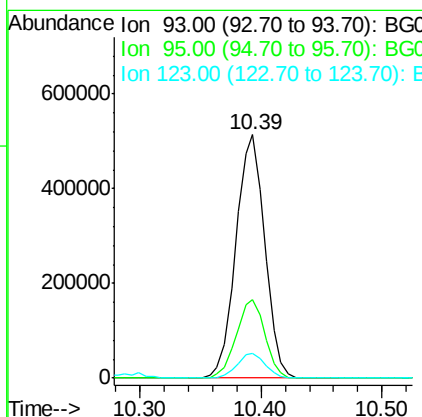
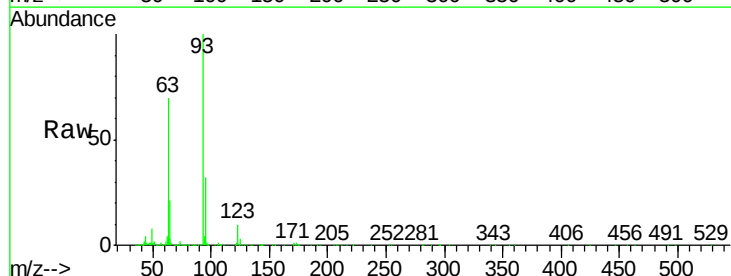
Instrument :  
BNA\_G  
ClientSampled :

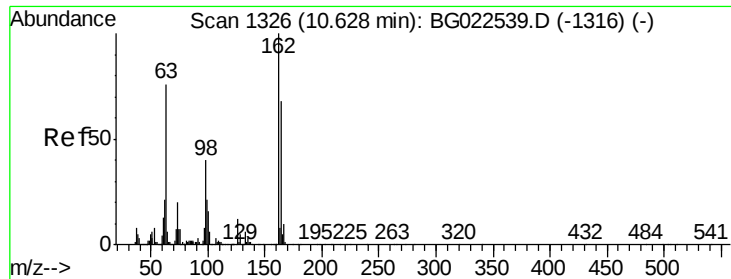
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 134.5 | 117.0 | 175.4 |
| 121     | 59.8  | 50.1  | 75.1  |



#28  
bis(2-Chloroethoxy)methane  
Concen: 58.69 ng  
RT: 10.39 min Scan# 1286  
Delta R.T. 0.01 min  
Lab File: BG022543.D  
Acq: 24 Jun 2016 17:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.0  | 25.4  | 38.2  |
| 123     | 10.1  | 8.2   | 12.2  |

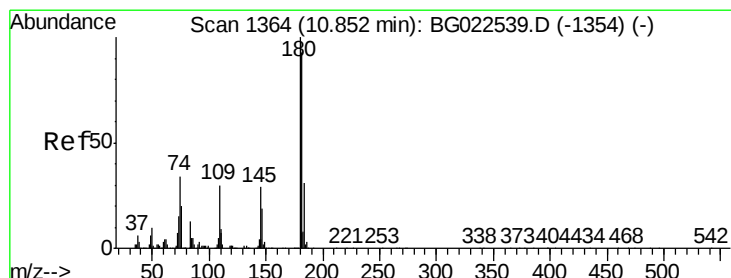
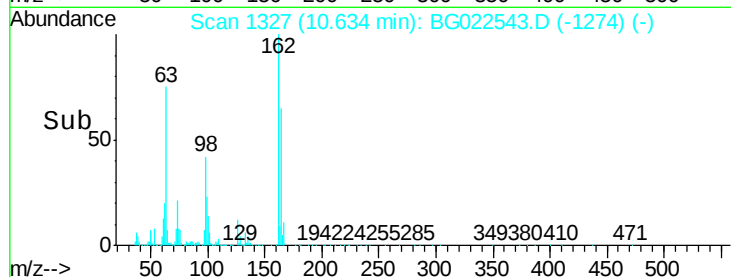
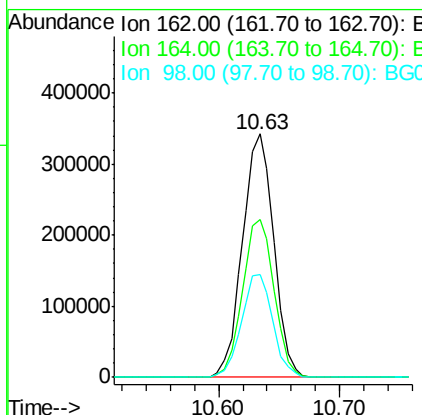
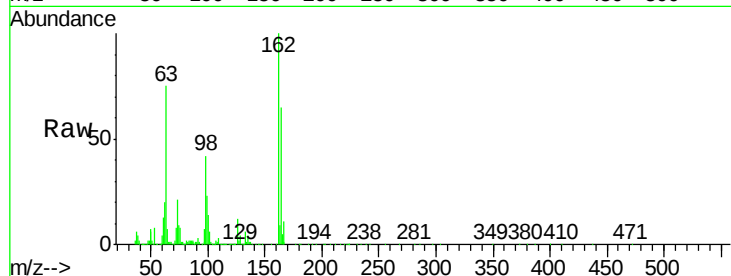




#29  
 2,4-Dichlorophenol  
 Concen: 61.14 ng  
 RT: 10.63 min Scan# 1327  
 Delta R.T. 0.01 min  
 Lab File: BG022543.D  
 Acq: 24 Jun 2016 17:51

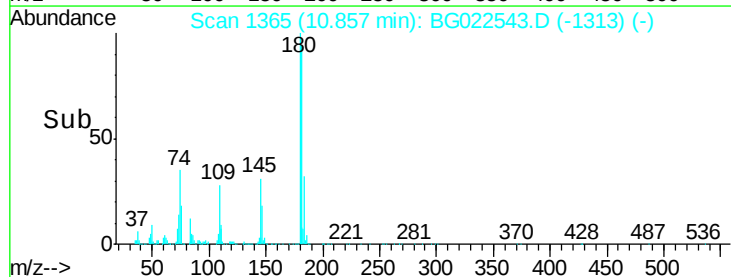
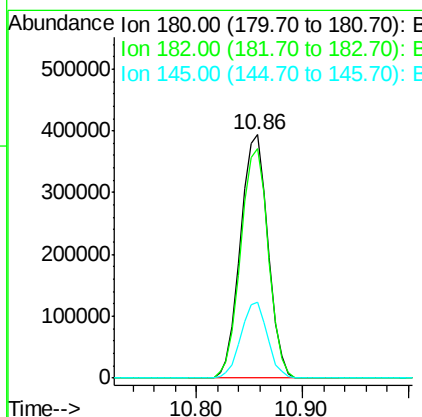
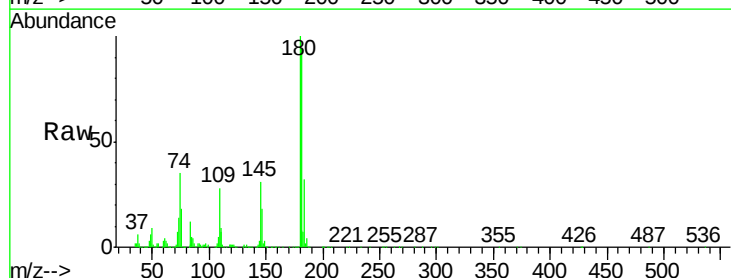
Instrument :  
 BNA\_G  
 ClientSampleId :

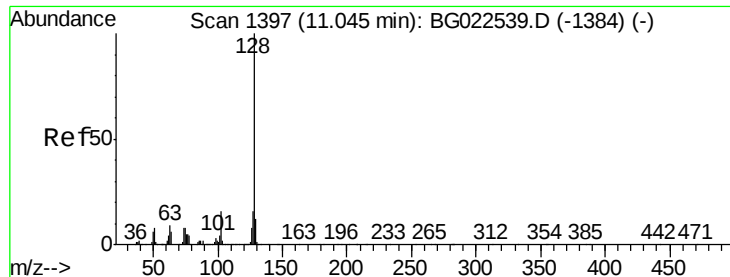
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.9  | 44.3  | 84.3  |
| 98      | 42.5  | 19.5  | 59.5  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 58.86 ng  
 RT: 10.86 min Scan# 1365  
 Delta R.T. 0.01 min  
 Lab File: BG022543.D  
 Acq: 24 Jun 2016 17:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.1  | 73.8  | 110.8 |
| 145     | 31.1  | 24.4  | 36.6  |

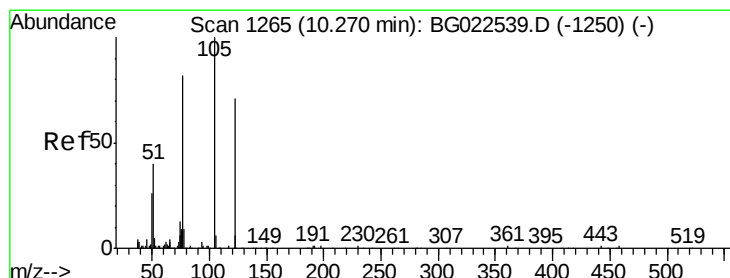
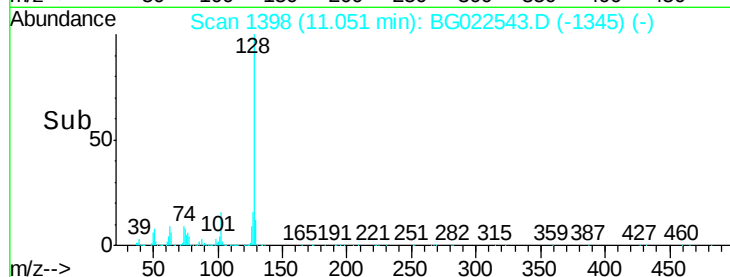
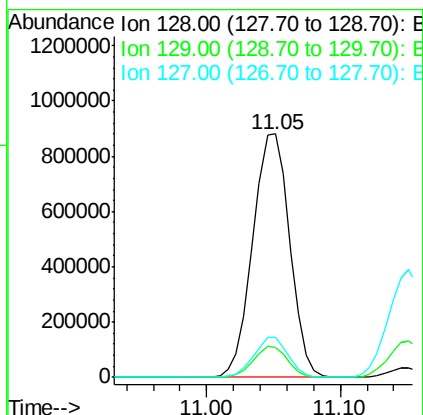
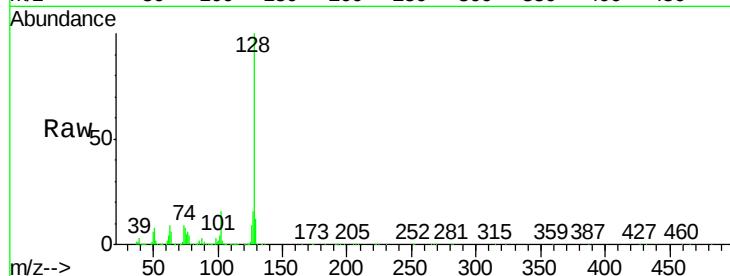




#31  
Naphthalene  
Concen: 57.49 ng  
RT: 11.05 min Scan# 1398  
Delta R.T. 0.01 min  
Lab File: BG022543.D  
Acq: 24 Jun 2016 17:51

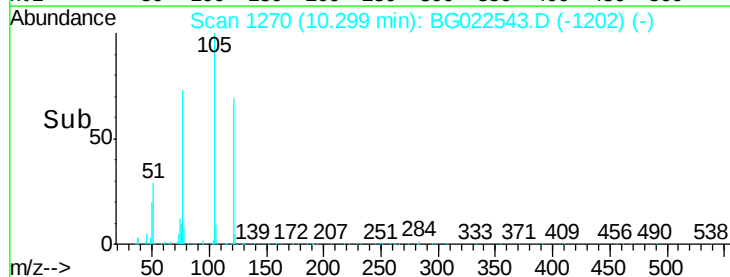
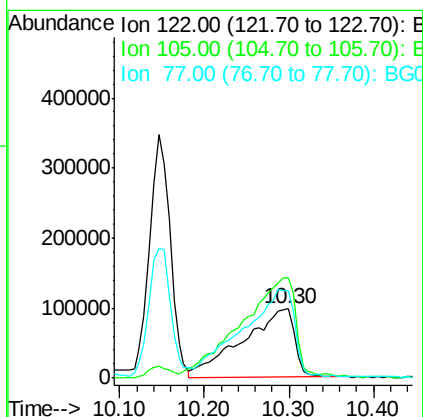
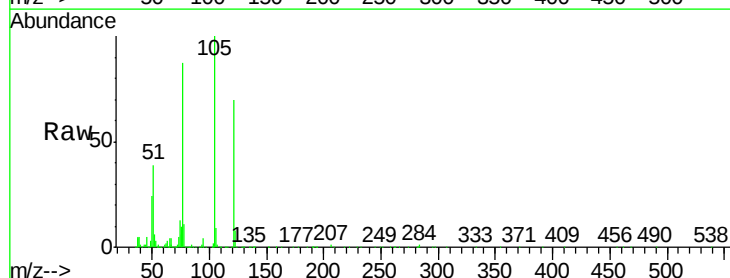
Instrument :  
BNA\_G  
ClientSampled :

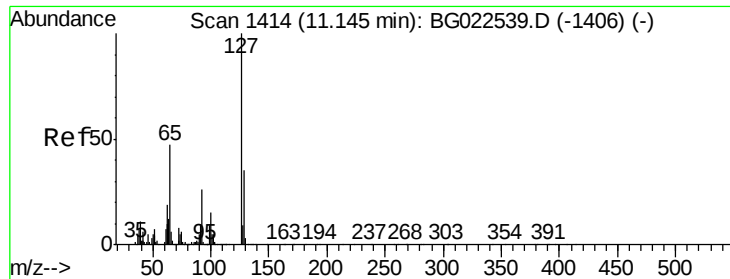
Tot Ion:128 Resp: 1685031  
Ion Ratio Lower Upper  
128 100  
129 12.4 9.4 14.0  
127 16.4 11.3 16.9



#32  
Benzoic acid  
Concen: 79.80 ng  
RT: 10.30 min Scan# 1270  
Delta R.T. 0.10 min  
Lab File: BG022543.D  
Acq: 24 Jun 2016 17:51

Tgt Ion:122 Resp: 419170  
Ion Ratio Lower Upper  
122 100  
105 143.6 117.2 157.2  
77 125.6 109.2 149.2

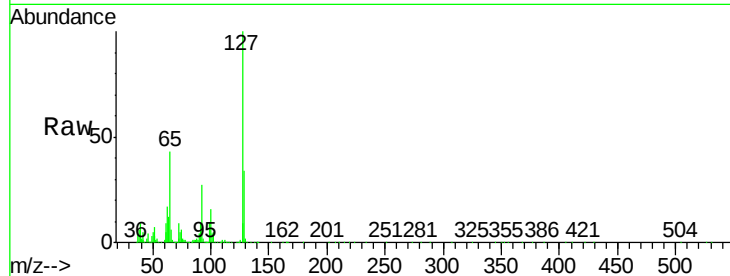




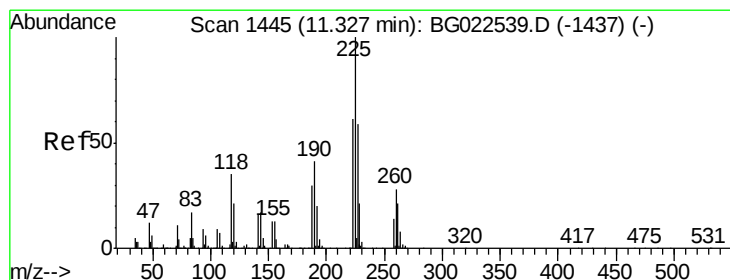
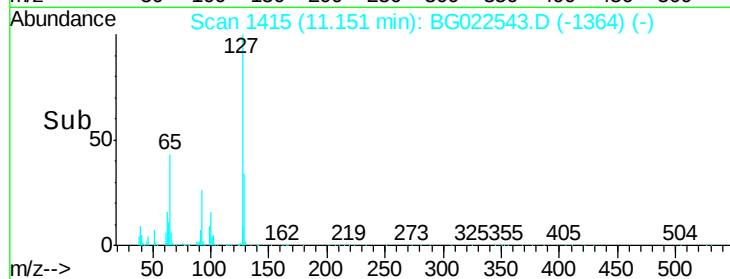
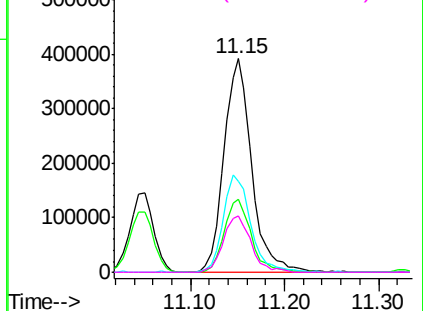
#33  
4-Chloroaniline  
Concen: 64.12 ng  
RT: 11.15 min Scan# 1415  
Delta R.T. -0.00 min  
Lab File: BG022543.D  
Acq: 24 Jun 2016 17:51

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 796812 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 34.0  | 27.9  | 41.9   |
| 65       | 42.8  | 36.8  | 55.2   |
| 92       | 26.7  | 21.0  | 31.6   |

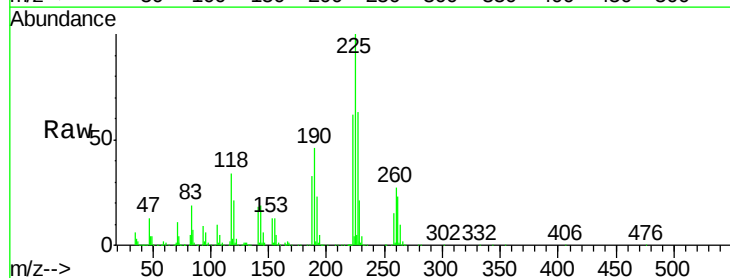


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

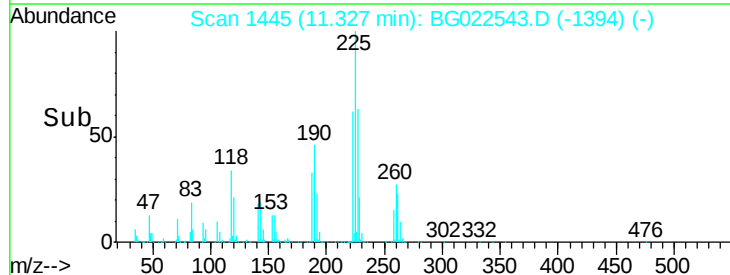
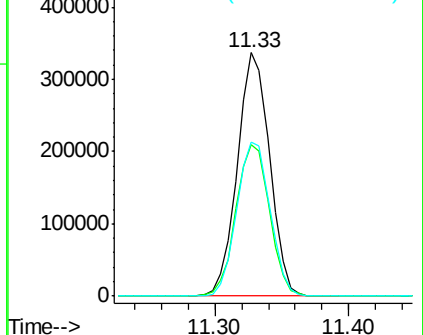


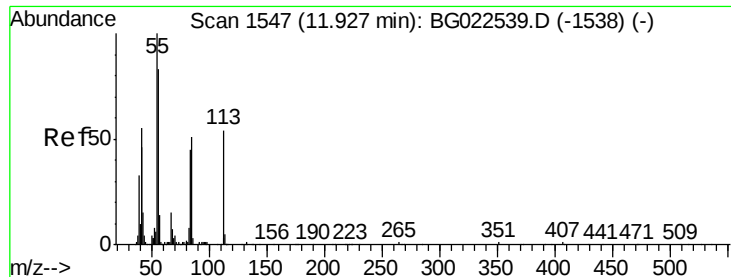
#34  
Hexachlorobutadiene  
Concen: 60.17 ng  
RT: 11.33 min Scan# 1445  
Delta R.T. -0.00 min  
Lab File: BG022543.D  
Acq: 24 Jun 2016 17:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 563236 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.3  | 49.6  | 74.4   |
| 227      | 63.2  | 54.5  | 81.7   |



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

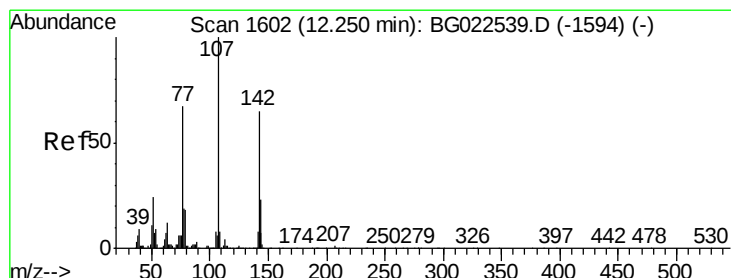
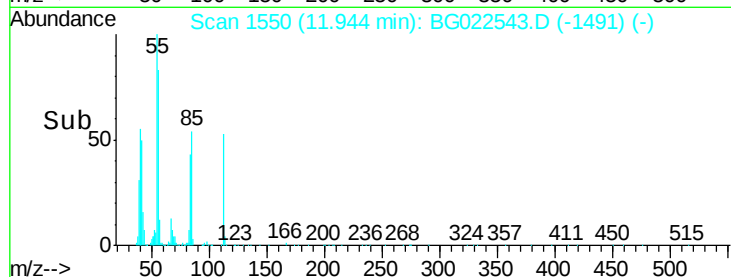
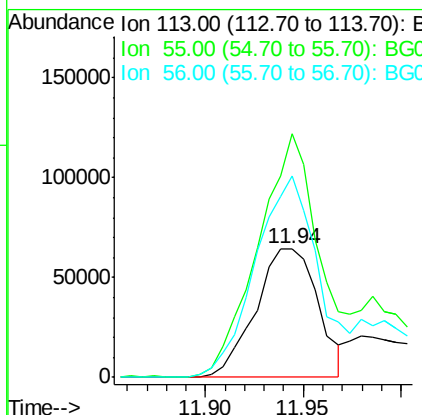
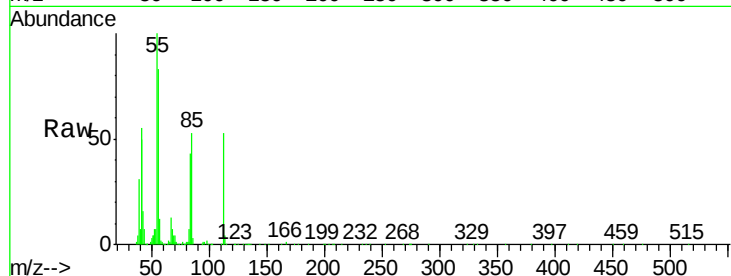




#35  
 Caprolactam  
 Concen: 45.08 ng  
 RT: 11.94 min Scan# 1550  
 Delta R.T. 0.05 min  
 Lab File: BG022543.D  
 Acq: 24 Jun 2016 17:51

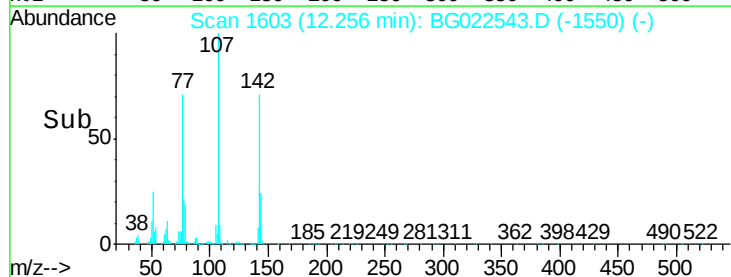
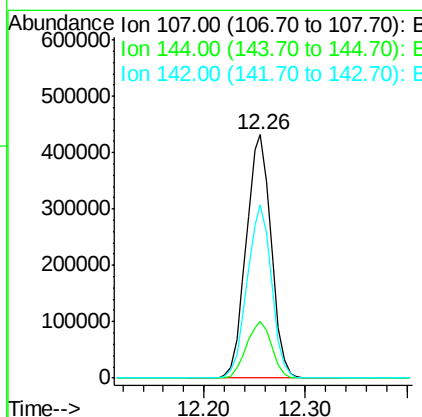
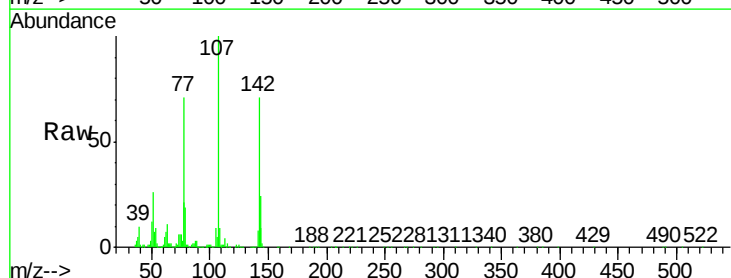
Instrument :  
 BNA\_G  
 ClientSampleId :

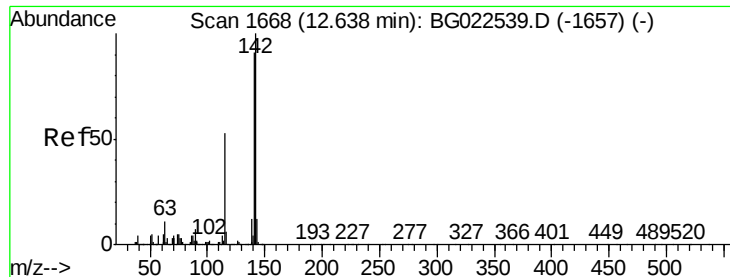
Tot Ion:113 Resp: 142880  
 Ion Ratio Lower Upper  
 113 100  
 55 189.6 154.5 194.5  
 56 157.3 125.1 165.1



#36  
 4-Chloro-3-methylphenol  
 Concen: 58.90 ng  
 RT: 12.26 min Scan# 1603  
 Delta R.T. 0.01 min  
 Lab File: BG022543.D  
 Acq: 24 Jun 2016 17:51

Tgt Ion:107 Resp: 735633  
 Ion Ratio Lower Upper  
 107 100  
 144 23.5 17.0 25.6  
 142 71.4 53.0 79.6

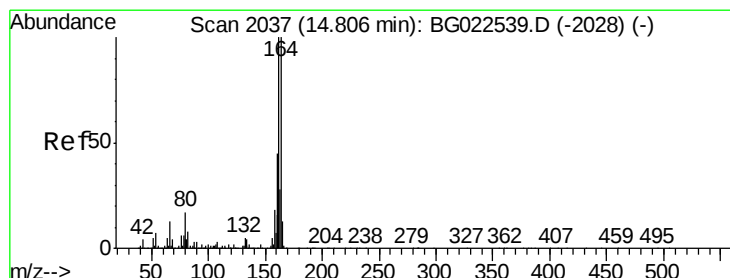
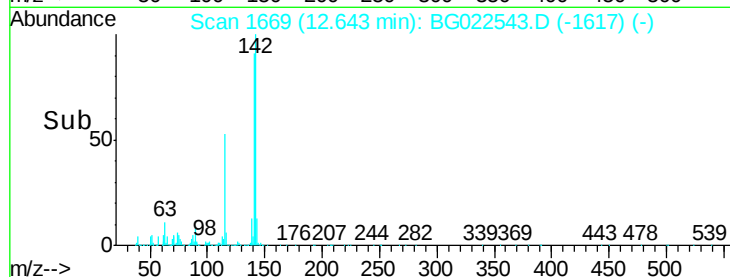
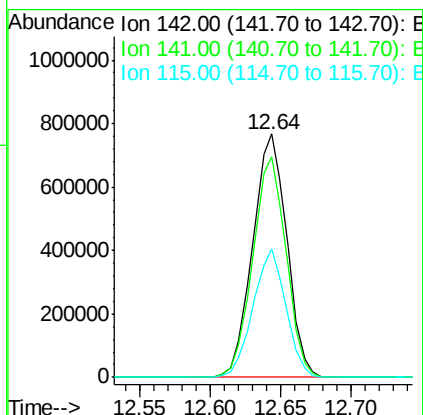
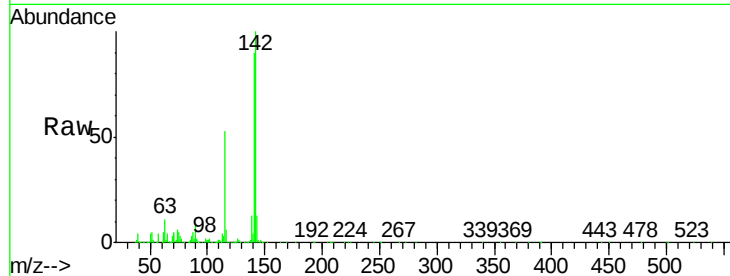




#37  
2-Methylnaphthalene  
Concen: 57.13 ng  
RT: 12.64 min Scan# 1669  
Delta R.T. 0.01 min  
Lab File: BG022543.D  
Acq: 24 Jun 2016 17:51

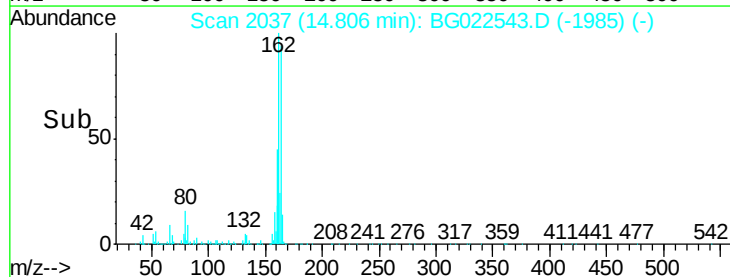
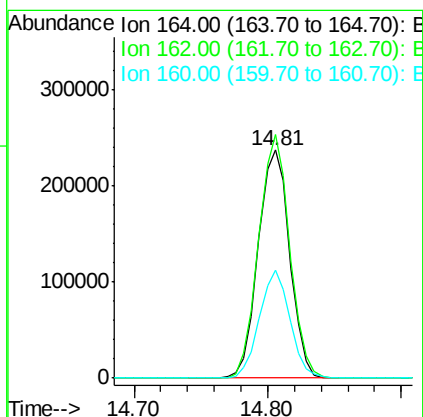
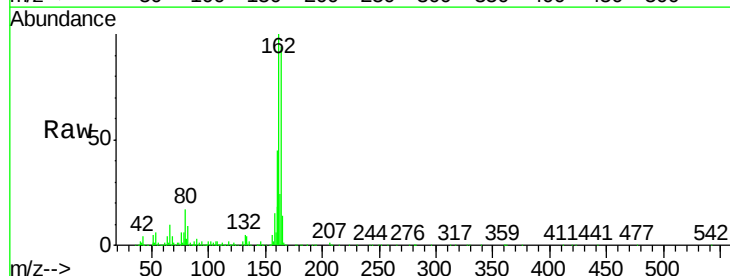
Instrument :  
BNA\_G  
ClientSampleId :

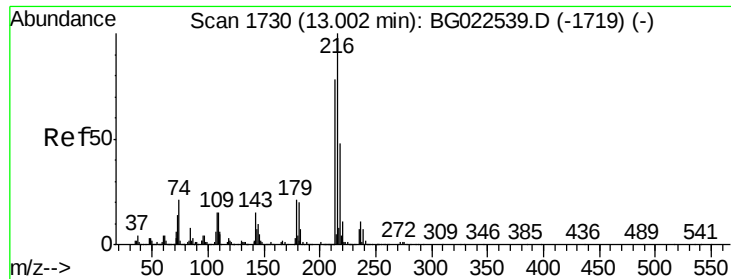
Tot Ion:142 Resp: 1299564  
Ion Ratio Lower Upper  
142 100  
141 90.5 70.2 105.2  
115 52.9 41.7 62.5



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.81 min Scan# 2037  
Delta R.T. 0.01 min  
Lab File: BG022543.D  
Acq: 24 Jun 2016 17:51

Tgt Ion:164 Resp: 385329  
Ion Ratio Lower Upper  
164 100  
162 106.8 87.7 131.5  
160 47.6 37.2 55.8

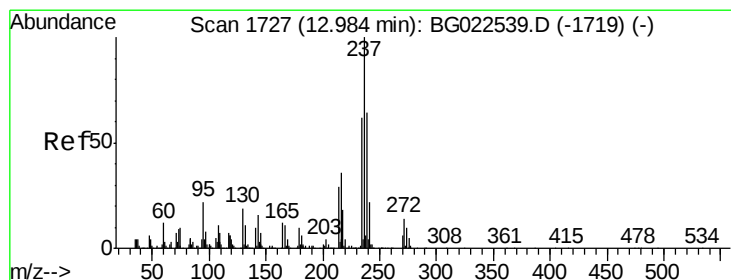
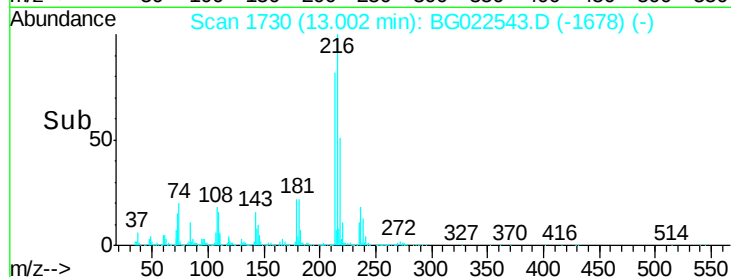
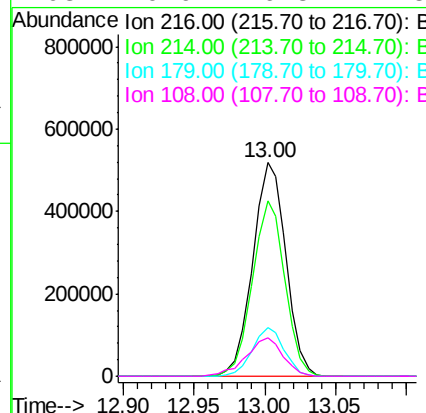
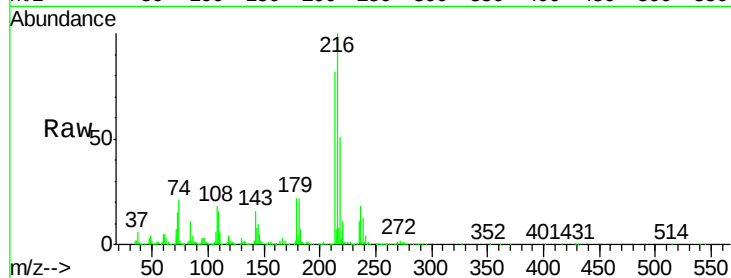




#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 58.40 ng  
 RT: 13.00 min Scan# 1730  
 Delta R.T. 0.01 min  
 Lab File: BG022543.D  
 Acq: 24 Jun 2016 17:51

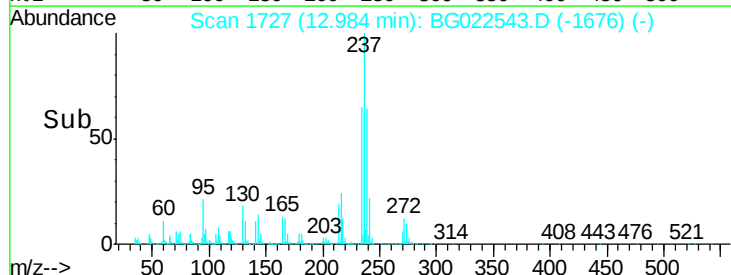
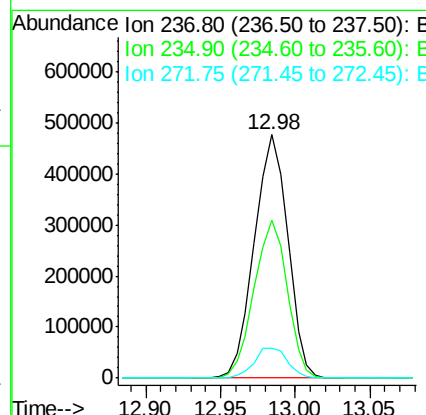
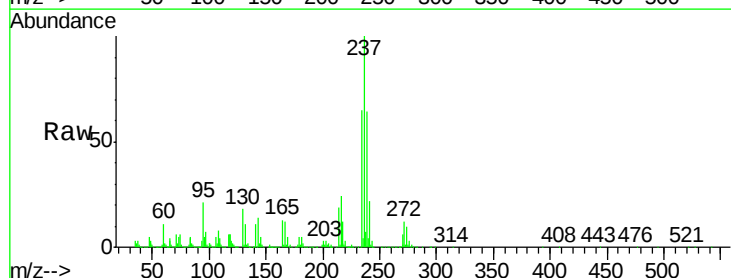
Instrument :  
 BNA\_G  
 ClientSampleId :

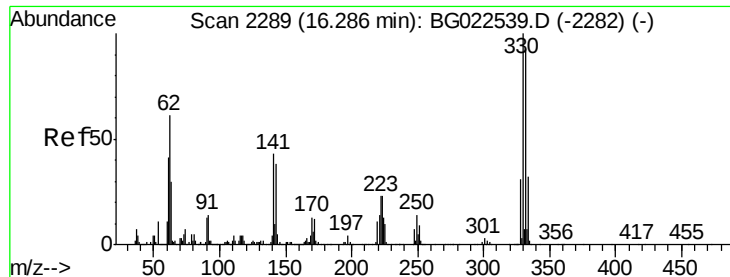
| Tot Ion:216 | Resp: | 852849      |
|-------------|-------|-------------|
| Ion         | Ratio | Lower Upper |
| 216         | 100   |             |
| 214         | 80.3  | 62.9 94.3   |
| 179         | 21.9  | 17.2 25.8   |
| 108         | 19.9  | 16.3 24.5   |



#40  
 Hexachlorocyclopentadiene  
 Concen: 64.16 ng  
 RT: 12.98 min Scan# 1727  
 Delta R.T. -0.00 min  
 Lab File: BG022543.D  
 Acq: 24 Jun 2016 17:51

| Tgt Ion:237 | Resp: | 737795      |
|-------------|-------|-------------|
| Ion         | Ratio | Lower Upper |
| 237         | 100   |             |
| 235         | 64.7  | 43.1 83.1   |
| 272         | 12.3  | 0.0 30.9    |

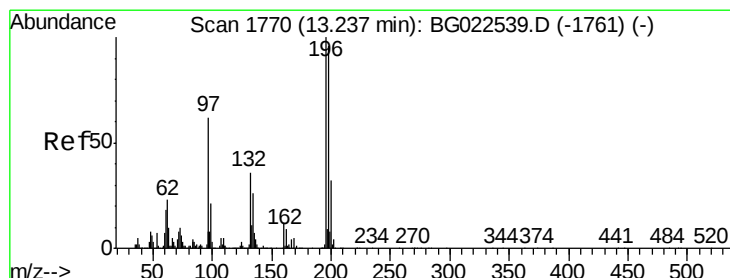
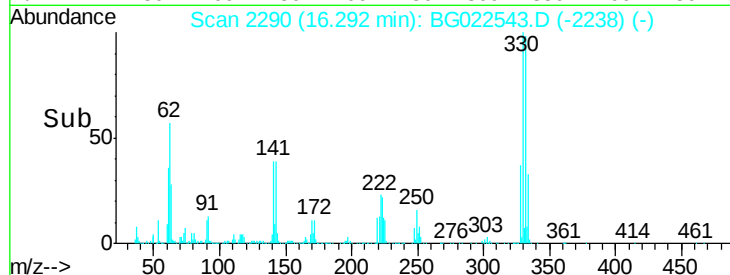
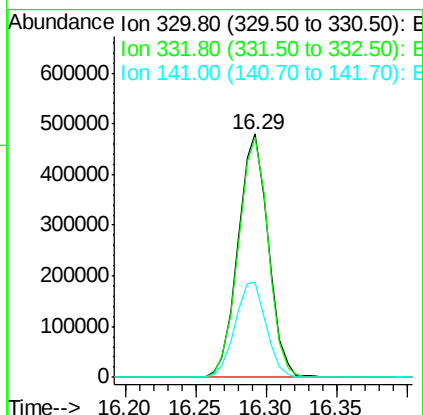
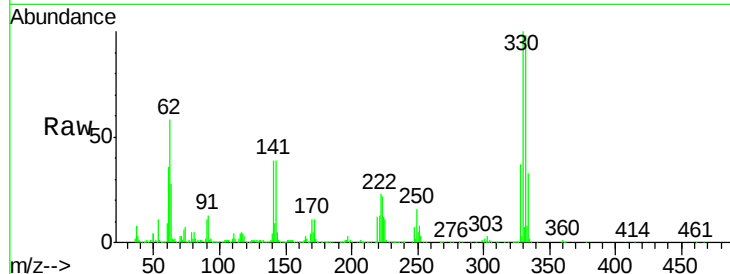




#41  
 2,4,6-Tribromophenol  
 Concen: 58.91 ng  
 RT: 16.29 min Scan# 2290  
 Delta R.T. 0.01 min  
 Lab File: BG022543.D  
 Acq: 24 Jun 2016 17:51

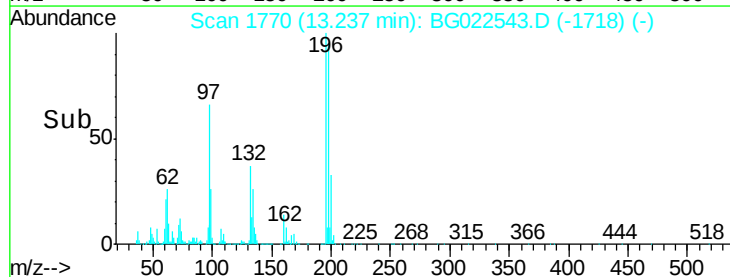
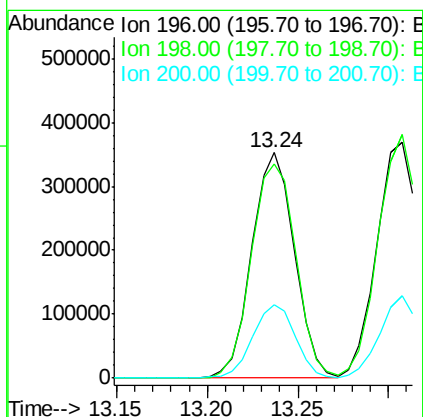
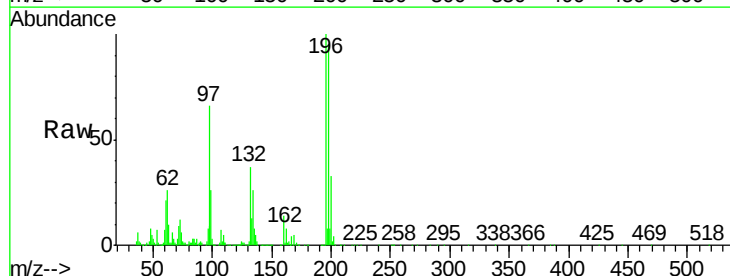
Instrument :  
 BNA\_G  
 ClientSampleId :

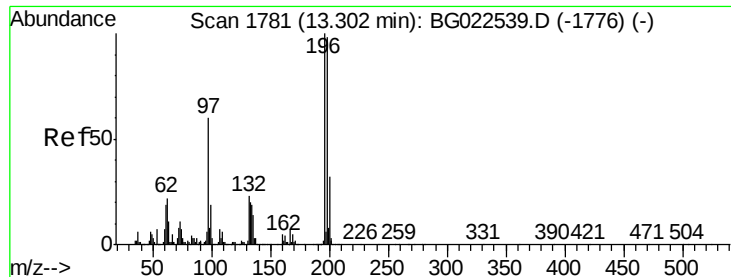
Tot Ion:330 Resp: 715893  
 Ion Ratio Lower Upper  
 330 100  
 332 97.6 77.4 116.2  
 141 40.1 31.7 47.5



#42  
 2,4,6-Trichlorophenol  
 Concen: 62.20 ng  
 RT: 13.24 min Scan# 1770  
 Delta R.T. 0.01 min  
 Lab File: BG022543.D  
 Acq: 24 Jun 2016 17:51

Tgt Ion:196 Resp: 577171  
 Ion Ratio Lower Upper  
 196 100  
 198 95.1 78.2 117.2  
 200 32.8 27.0 40.4

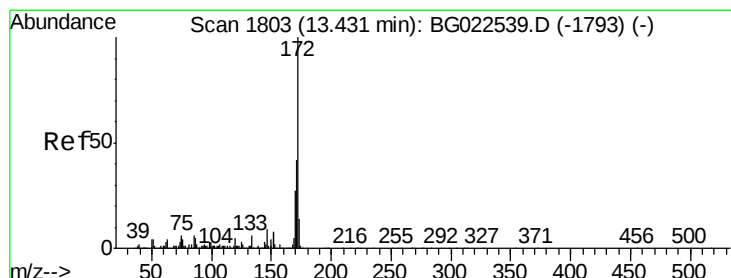
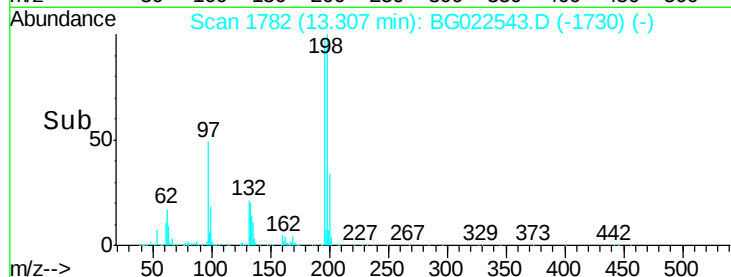
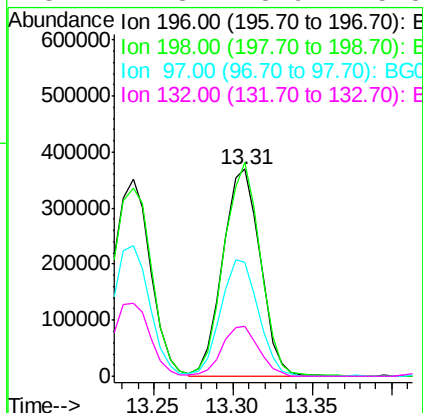
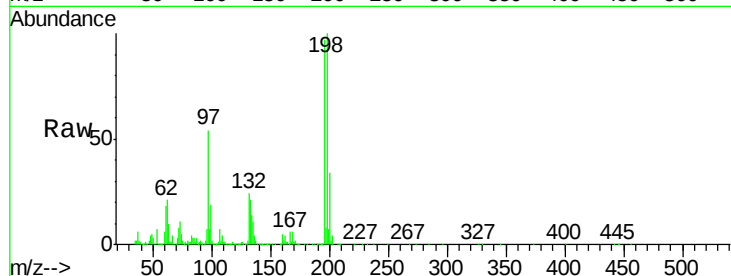




#43  
2,4,5-Trichlorophenol  
Concen: 62.65 ng  
RT: 13.31 min Scan# 1782  
Delta R.T. 0.01 min  
Lab File: BG022543.D  
Acq: 24 Jun 2016 17:51

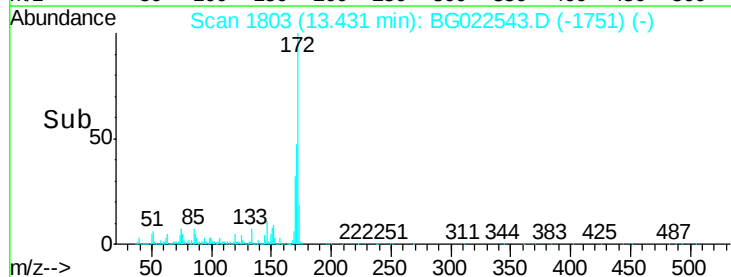
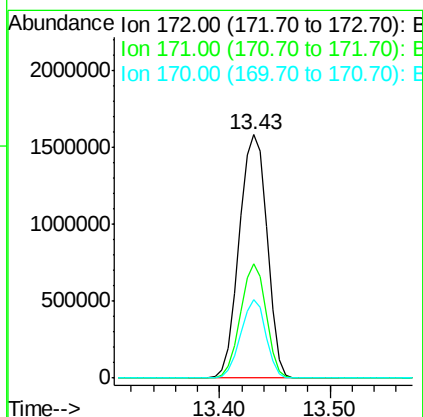
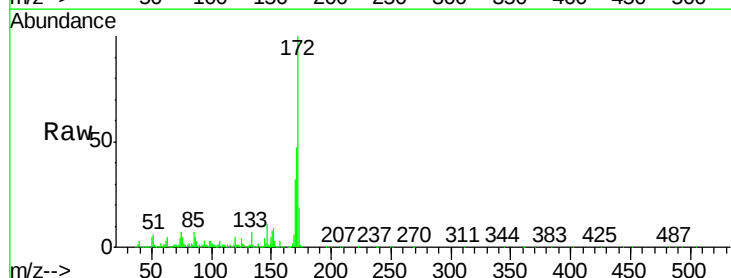
Instrument :  
BNA\_G  
ClientSampleId :

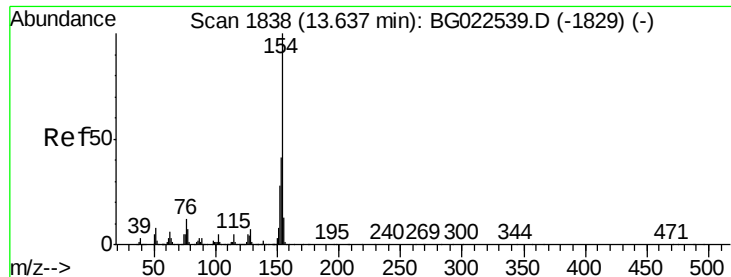
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 103.0 | 85.7  | 128.5 |
| 97      | 55.3  | 45.5  | 68.3  |
| 132     | 24.3  | 18.9  | 28.3  |



#44  
2-Fluorobiphenyl  
Concen: 53.92 ng  
RT: 13.43 min Scan# 1803  
Delta R.T. 0.01 min  
Lab File: BG022543.D  
Acq: 24 Jun 2016 17:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 47.2  | 31.6  | 47.4  |
| 170     | 32.4  | 21.3  | 31.9# |





#45

1,1'-Biphenyl

Concen: 57.36 ng

RT: 13.64 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BG022543.D

Acq: 24 Jun 2016 17:51

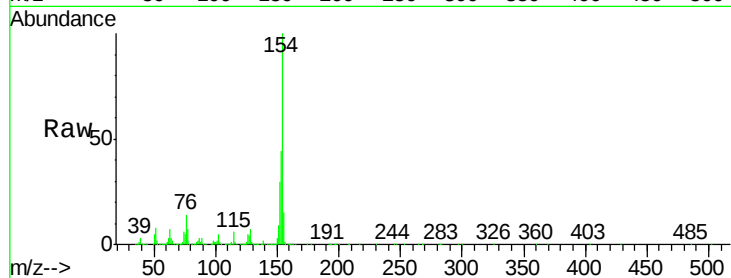
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:154 Resp: 1694235

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 43.6  | 20.2  | 60.2  |
| 76  | 13.6  | 0.0   | 32.9  |

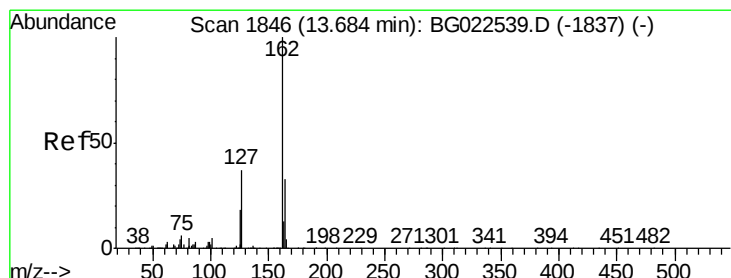
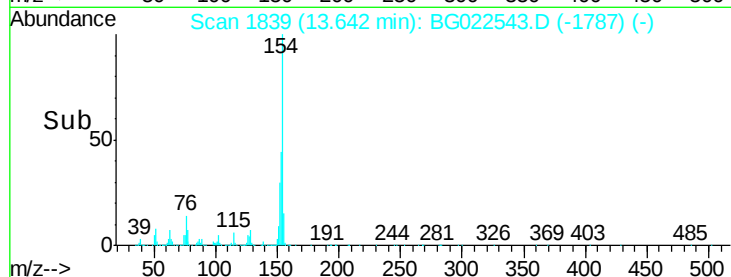
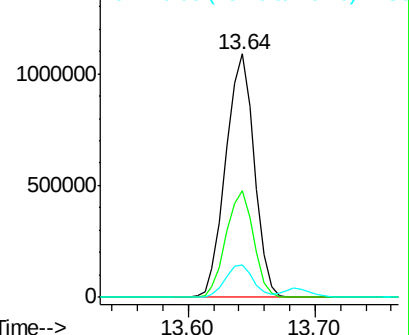


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 58.29 ng

RT: 13.68 min Scan# 1846

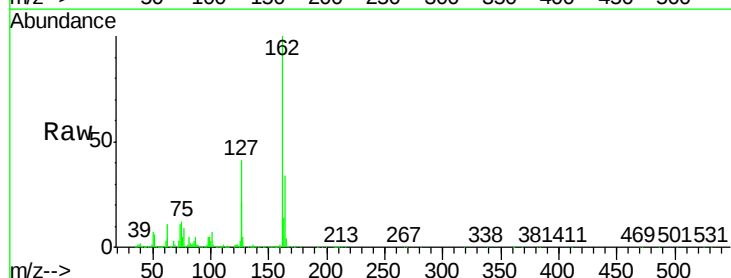
Delta R.T. 0.01 min

Lab File: BG022543.D

Acq: 24 Jun 2016 17:51

Tgt Ion:162 Resp: 1413605

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 127 | 41.2  | 32.4  | 48.6  |
| 164 | 34.4  | 25.2  | 37.8  |

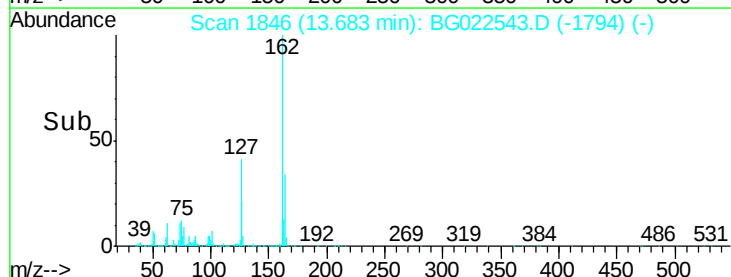
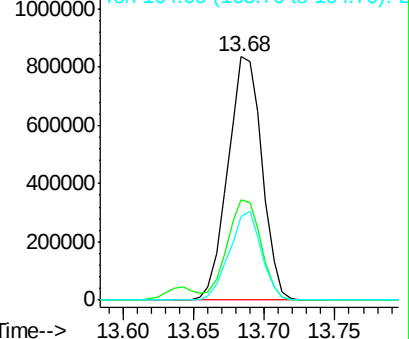


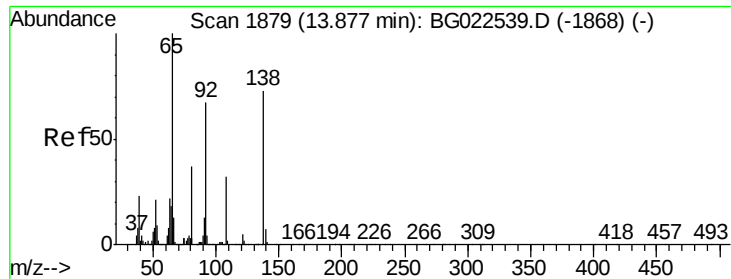
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

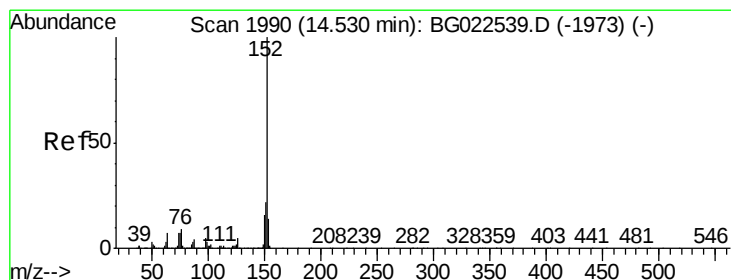
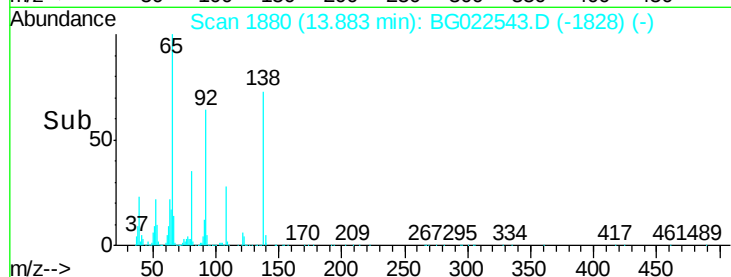
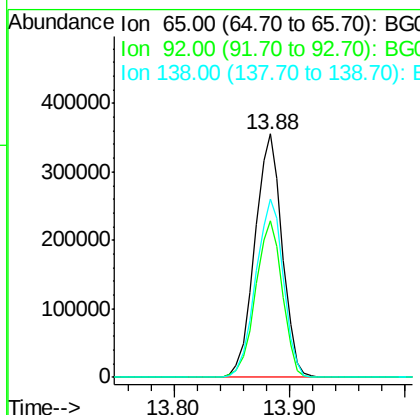
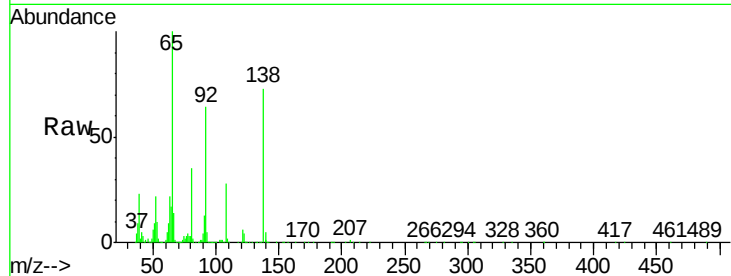




#47  
2-Nitroaniline  
Concen: 63.25 ng  
RT: 13.88 min Scan# 1880  
Delta R.T. 0.01 min  
Lab File: BG022543.D  
Acq: 24 Jun 2016 17:51

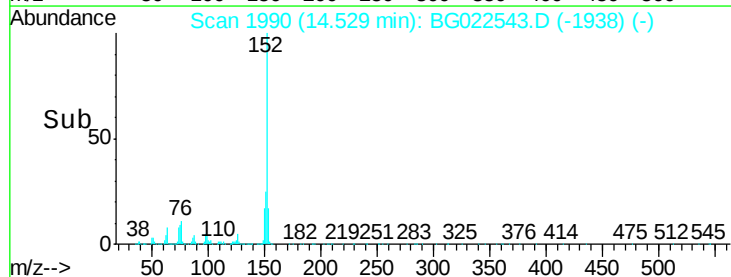
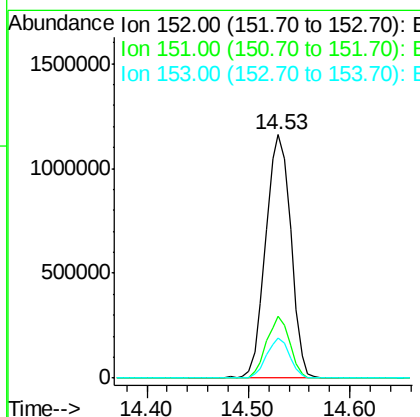
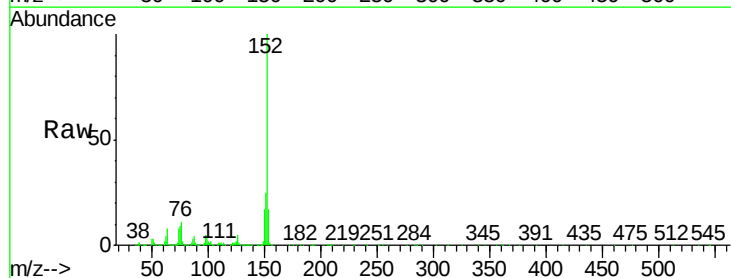
Instrument :  
BNA\_G  
ClientSampleId :

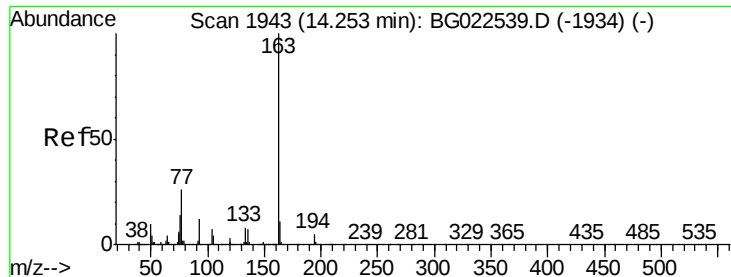
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 64.1  | 49.4  | 74.0  |
| 138     | 73.3  | 58.0  | 87.0  |



#48  
Acenaphthylene  
Concen: 56.80 ng  
RT: 14.53 min Scan# 1990  
Delta R.T. 0.01 min  
Lab File: BG022543.D  
Acq: 24 Jun 2016 17:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 25.2  | 17.6  | 26.4  |
| 153     | 16.5  | 11.4  | 17.2  |





#49

Dimethylphthalate

Concen: 55.61 ng

RT: 14.26 min Scan# 1944

Delta R.T. 0.01 min

Lab File: BG022543.D

Acq: 24 Jun 2016 17:51

Instrument :

BNA\_G

ClientSampleId :

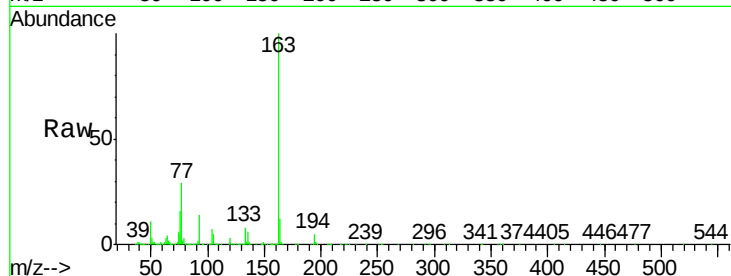
Tot Ion:163 Resp: 1796335

Ion Ratio Lower Upper

163 100

194 5.2 3.6 5.4

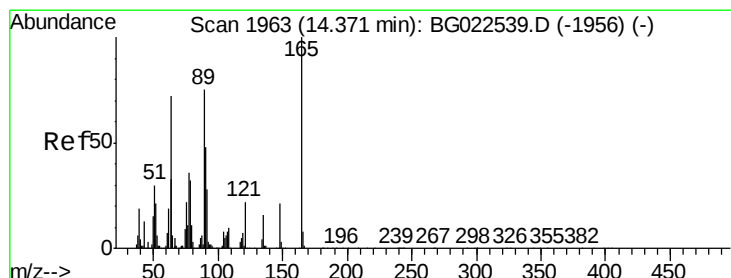
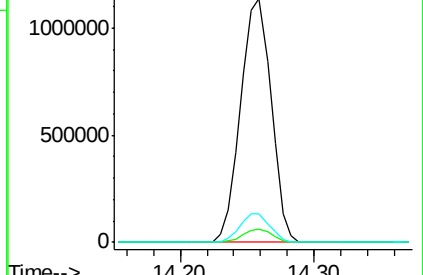
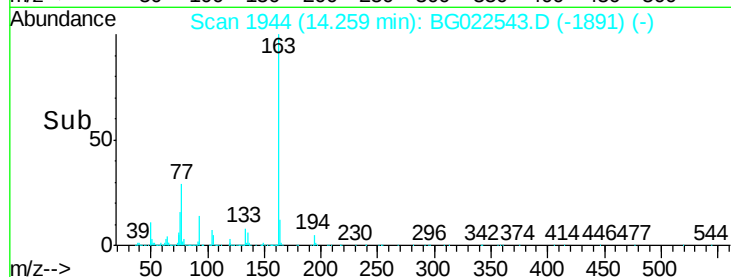
164 11.8 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 61.80 ng

RT: 14.37 min Scan# 1963

Delta R.T. 0.01 min

Lab File: BG022543.D

Acq: 24 Jun 2016 17:51

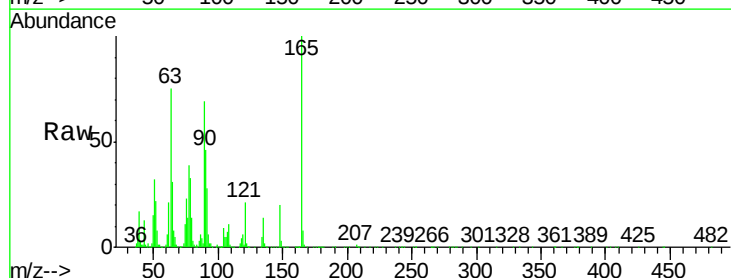
Tgt Ion:165 Resp: 427441

Ion Ratio Lower Upper

165 100

63 75.4 64.3 96.5

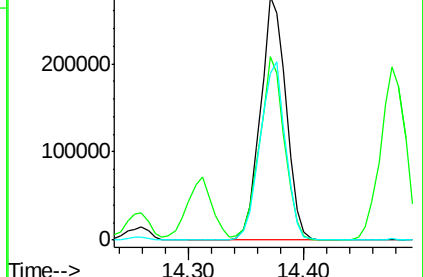
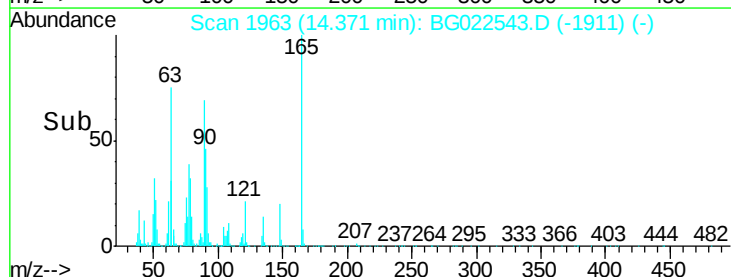
89 68.8 64.3 96.5

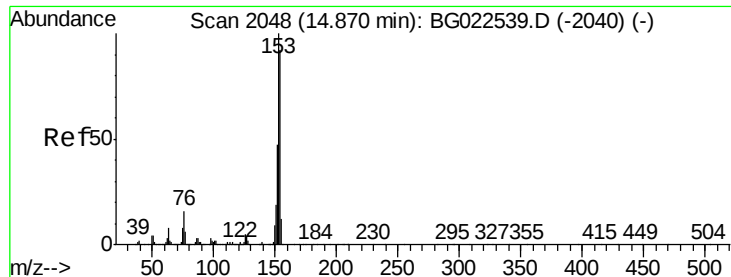


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 60.71 ng

RT: 14.87 min Scan# 2048

Delta R.T. 0.01 min

Lab File: BG022543.D

Acq: 24 Jun 2016 17:51

Instrument :

BNA\_G

ClientSampleId :

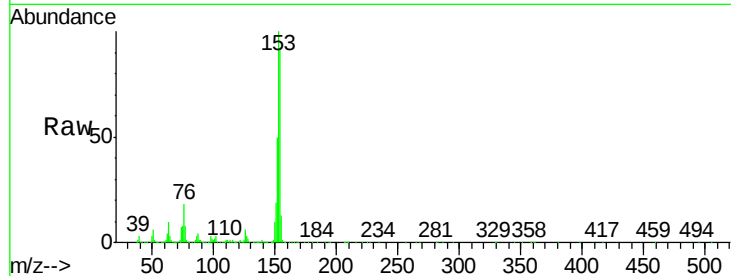
Tot Ion:154 Resp: 1564102

Ion Ratio Lower Upper

154 100

153 108.5 87.5 131.3

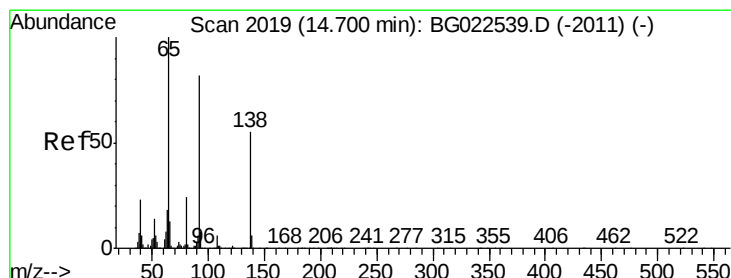
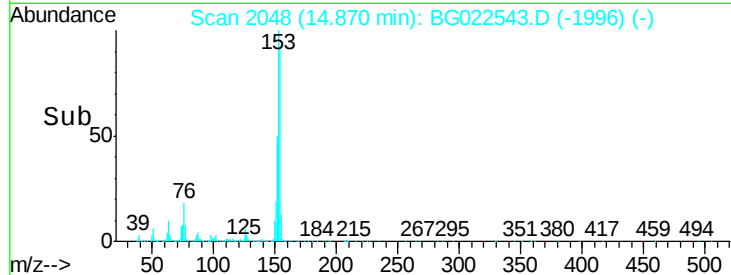
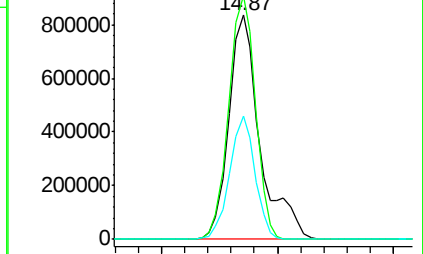
152 54.8 42.7 64.1



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: 63.60 ng

RT: 14.71 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BG022543.D

Acq: 24 Jun 2016 17:51

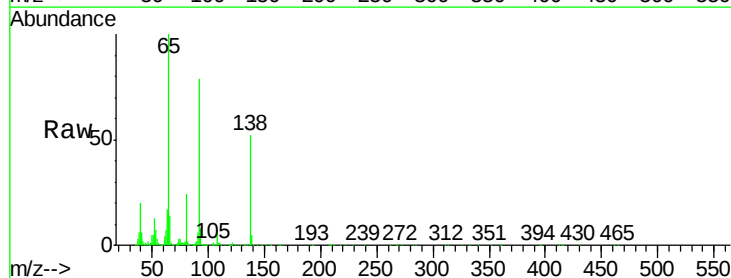
Tgt Ion:138 Resp: 409831

Ion Ratio Lower Upper

138 100

108 13.8 11.7 17.5

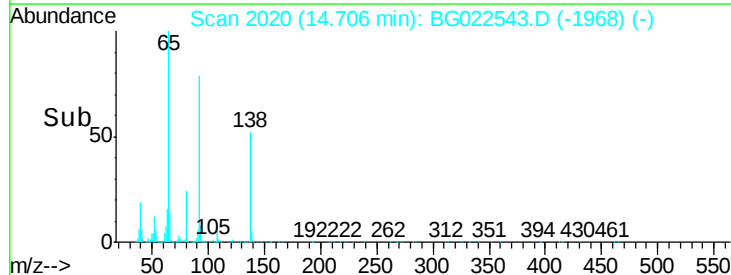
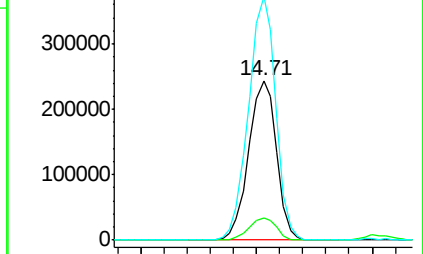
92 152.7 129.7 194.5

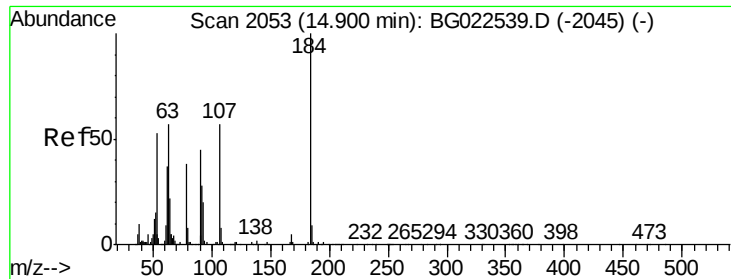


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

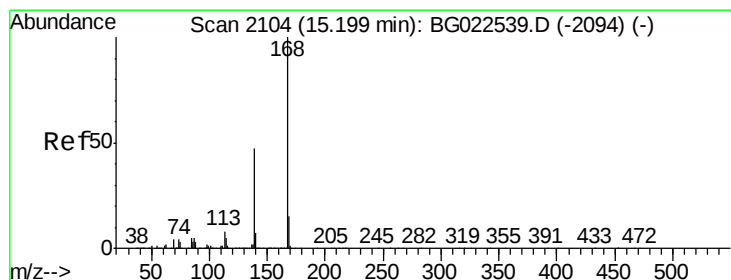
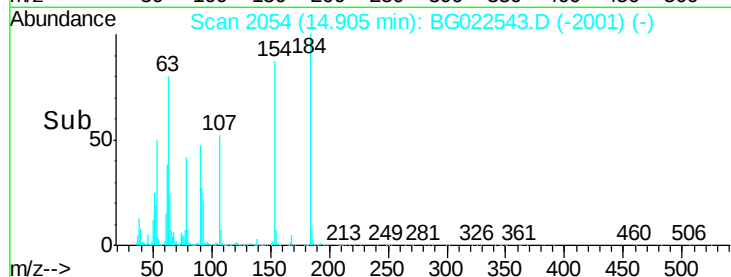
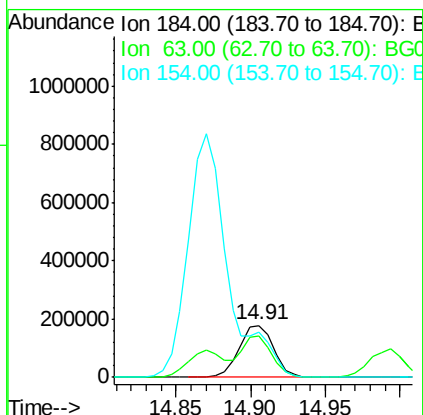
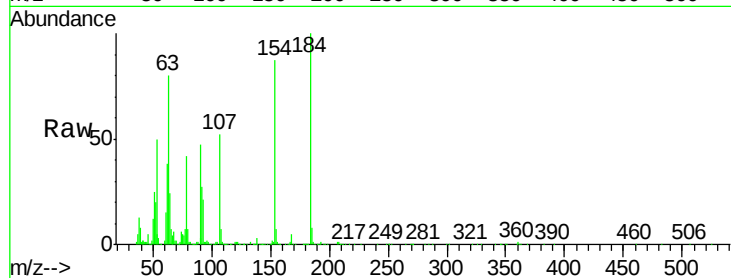




#53  
2,4-Dinitrophenol  
Concen: 67.78 ng  
RT: 14.91 min Scan# 2054  
Delta R.T. 0.01 min  
Lab File: BG022543.D  
Acq: 24 Jun 2016 17:51

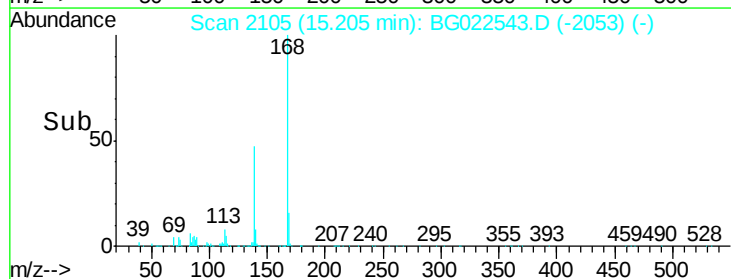
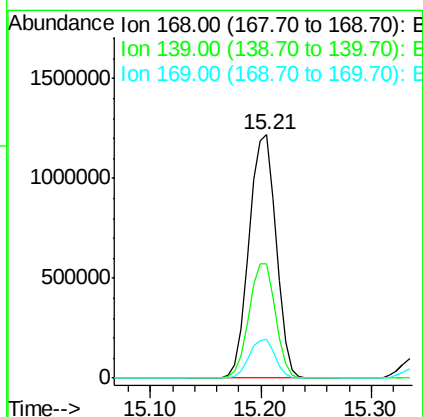
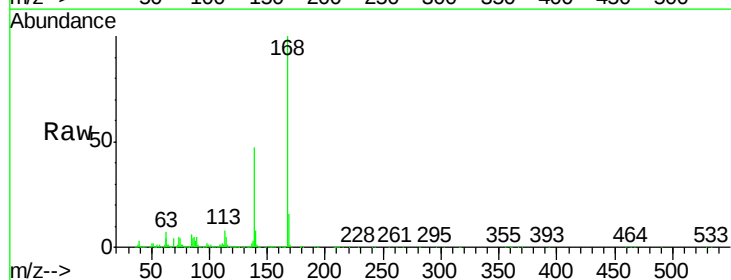
Instrument :  
BNA\_G  
ClientSampleId :

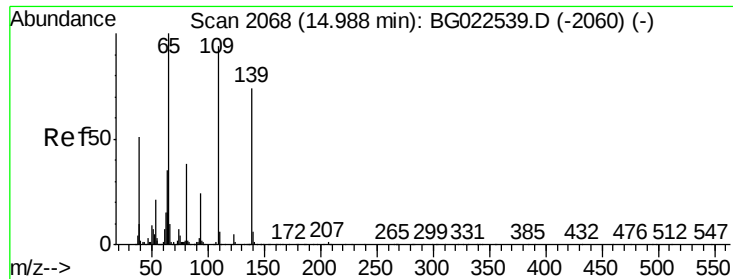
Tot Ion:184 Resp: 284689  
Ion Ratio Lower Upper  
184 100  
63 79.9 59.6 89.4  
154 87.2 67.4 101.0



#54  
Dibenzofuran  
Concen: 55.59 ng  
RT: 15.21 min Scan# 2105  
Delta R.T. 0.01 min  
Lab File: BG022543.D  
Acq: 24 Jun 2016 17:51

Tgt Ion:168 Resp: 2099841  
Ion Ratio Lower Upper  
168 100  
139 46.8 36.4 54.6  
169 16.2 11.9 17.9

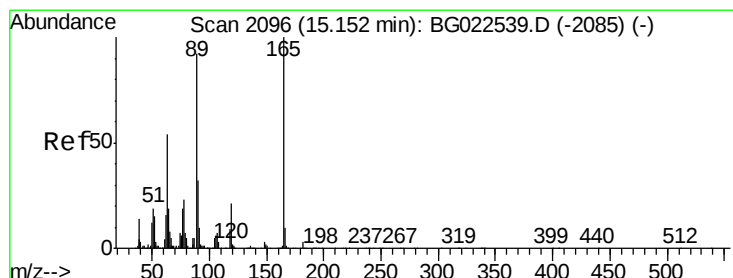
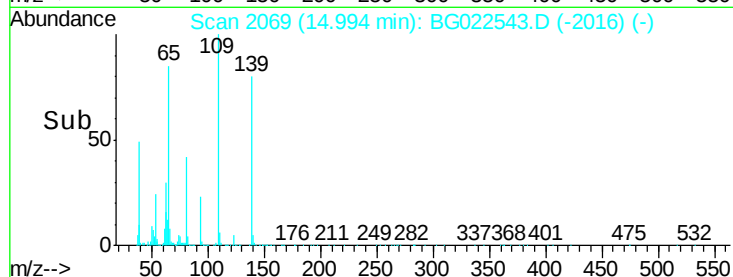
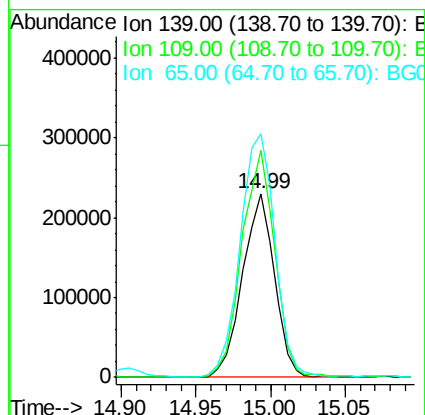
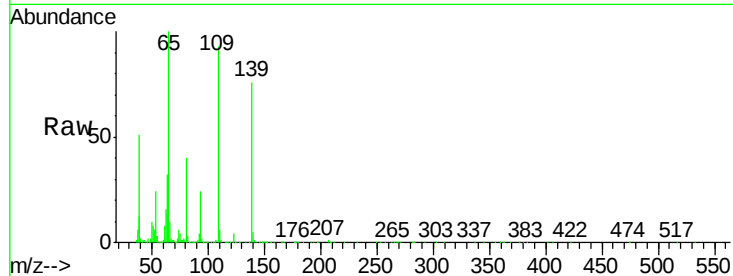




#55  
4-Nitrophenol  
Concen: 62.51 ng  
RT: 14.99 min Scan# 2069  
Delta R.T. 0.01 min  
Lab File: BG022543.D  
Acq: 24 Jun 2016 17:51

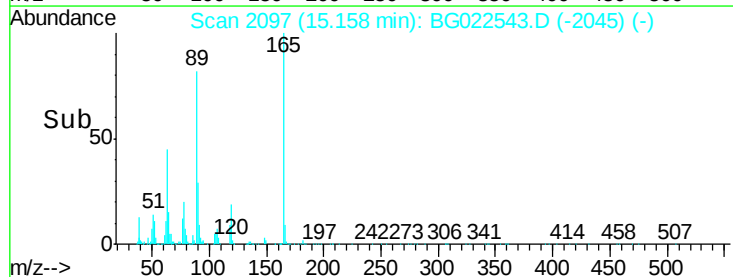
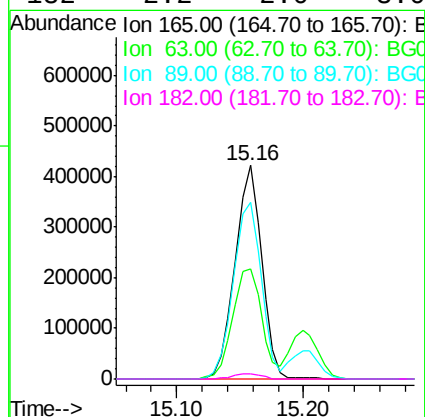
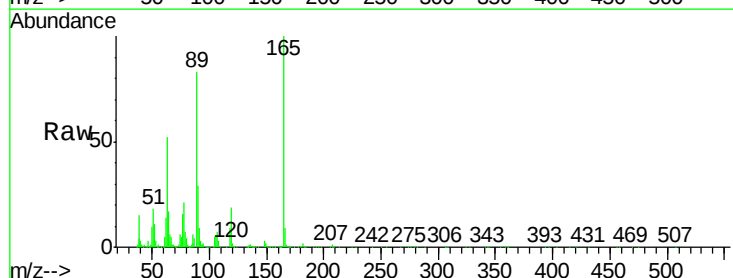
Instrument :  
BNA\_G  
ClientSampleId :

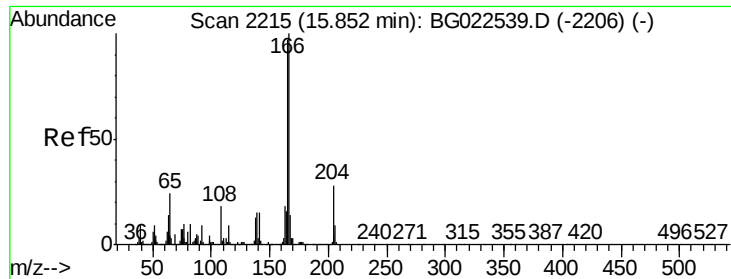
Tot Ion:139 Resp: 341489  
Ion Ratio Lower Upper  
139 100  
109 123.6 103.0 143.0  
65 132.4 112.7 152.7



#56  
2,4-Dinitrotoluene  
Concen: 64.29 ng  
RT: 15.16 min Scan# 2097  
Delta R.T. 0.01 min  
Lab File: BG022543.D  
Acq: 24 Jun 2016 17:51

Tgt Ion:165 Resp: 612363  
Ion Ratio Lower Upper  
165 100  
63 51.7 45.8 68.6  
89 82.8 68.6 102.8  
182 2.2 2.0 3.0

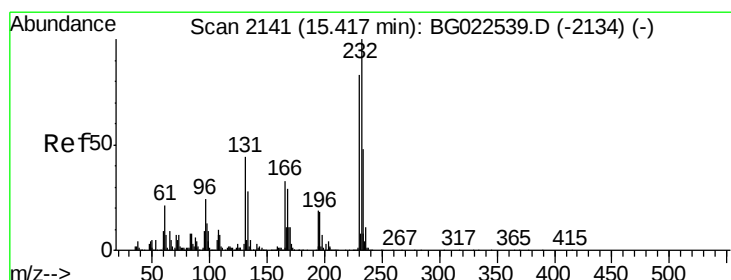
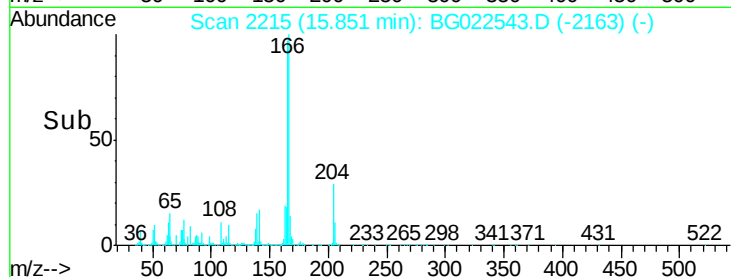
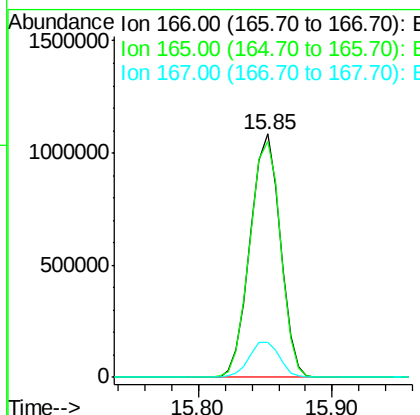
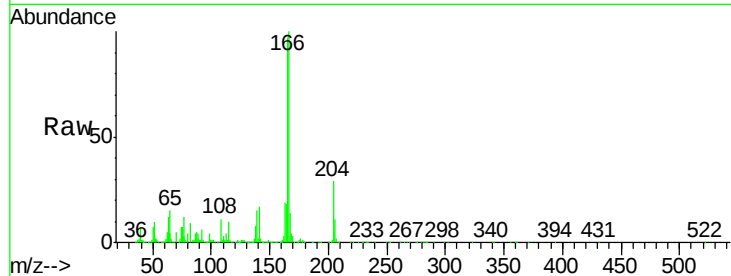




#57  
**Fluorene**  
 Concen: 55.81 ng  
 RT: 15.85 min Scan# 2215  
 Delta R.T. 0.01 min  
 Lab File: BG022543.D  
 Acq: 24 Jun 2016 17:51

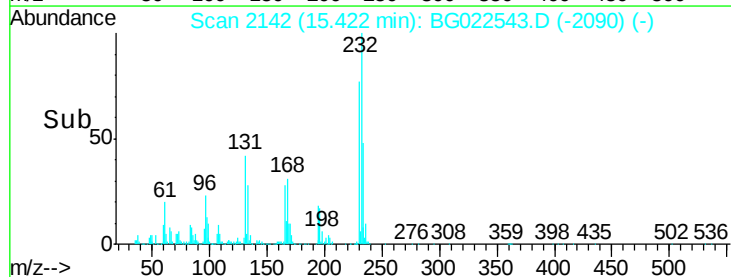
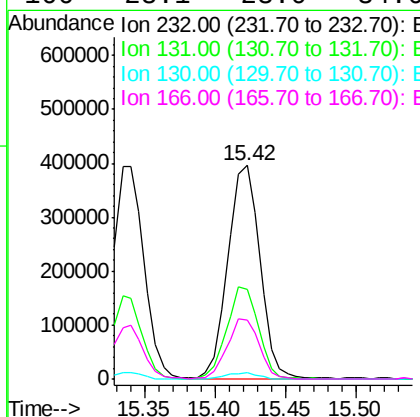
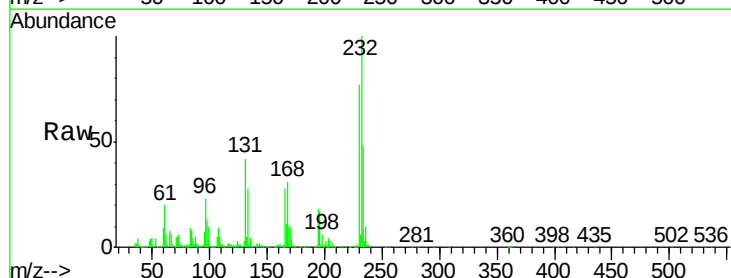
Instrument :  
 BNA\_G  
 ClientSampleId :

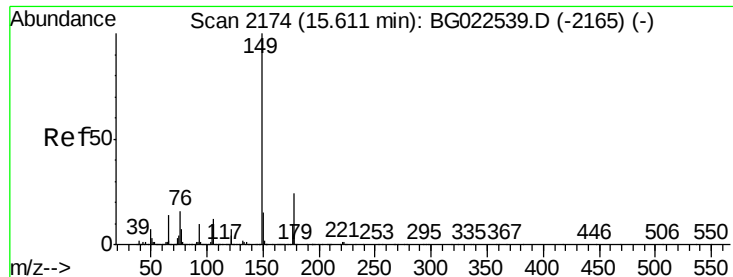
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 96.7  | 81.0  | 121.6 |
| 167     | 14.4  | 12.0  | 18.0  |



#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 62.13 ng  
 RT: 15.42 min Scan# 2142  
 Delta R.T. 0.01 min  
 Lab File: BG022543.D  
 Acq: 24 Jun 2016 17:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 42.7  | 32.7  | 49.1  |
| 130     | 2.9   | 2.6   | 3.8   |
| 166     | 28.1  | 23.0  | 34.6  |

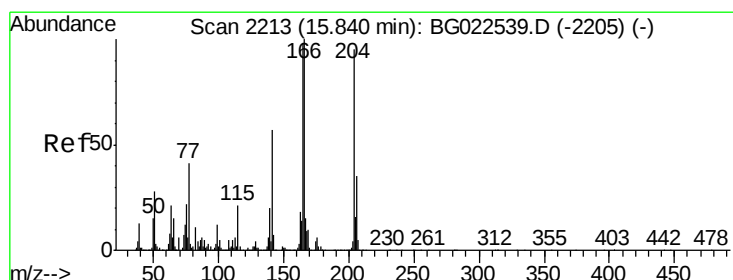
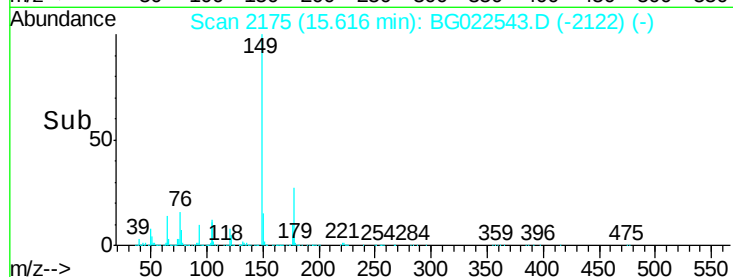
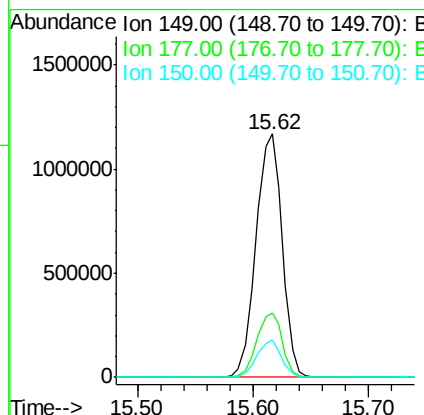
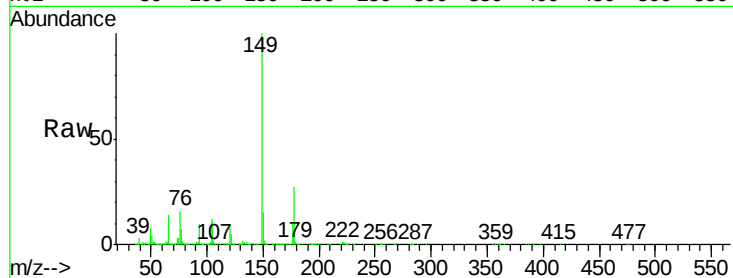




#59  
Diethylphthalate  
Concen: 55.55 ng  
RT: 15.62 min Scan# 2175  
Delta R.T. 0.01 min  
Lab File: BG022543.D  
Acq: 24 Jun 2016 17:51

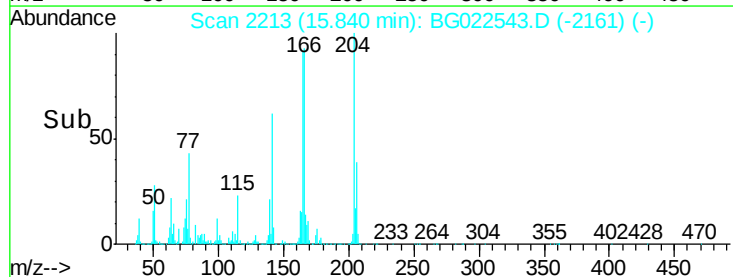
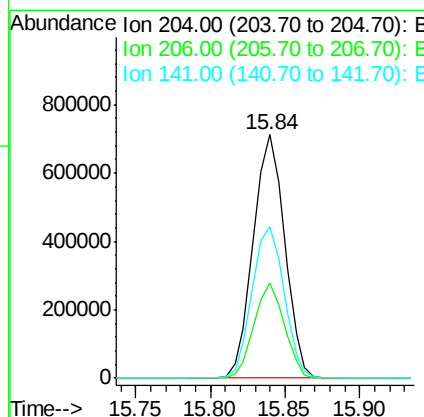
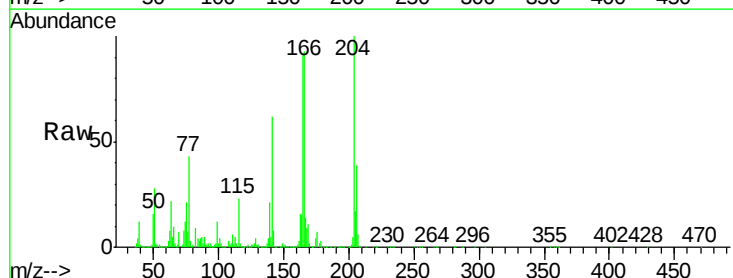
Instrument :  
BNA\_G  
ClientSampleId :

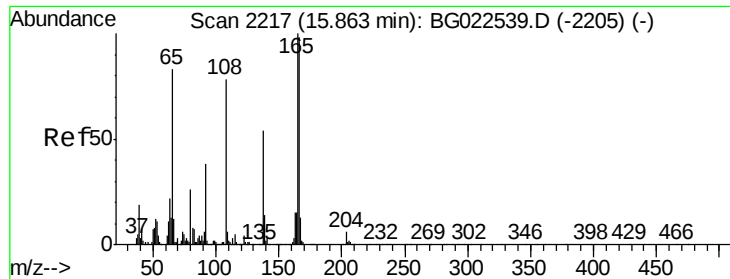
Tot Ion:149 Resp: 1845137  
Ion Ratio Lower Upper  
149 100  
177 26.6 19.2 28.8  
150 15.4 10.6 16.0



#60  
4-Chlorophenyl-phenylether  
Concen: 58.10 ng  
RT: 15.84 min Scan# 2213  
Delta R.T. 0.01 min  
Lab File: BG022543.D  
Acq: 24 Jun 2016 17:51

Tgt Ion:204 Resp: 1036469  
Ion Ratio Lower Upper  
204 100  
206 39.1 28.5 42.7  
141 62.2 51.4 77.0





#61

4-Nitroaniline

Concen: 60.10 ng

RT: 15.87 min Scan# 2218

Delta R.T. 0.02 min

Lab File: BG022543.D

Acq: 24 Jun 2016 17:51

Instrument :

BNA\_G

ClientSampleId :

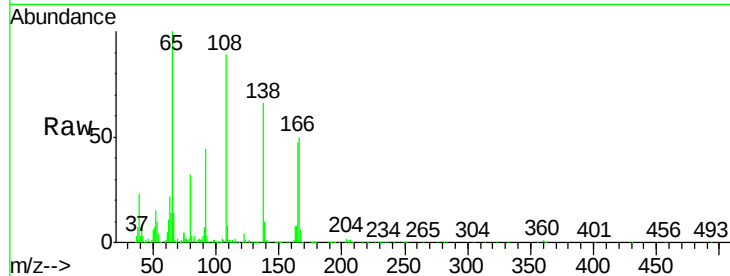
Tot Ion:138 Resp: 402944

Ion Ratio Lower Upper

138 100

92 66.8 54.1 94.1

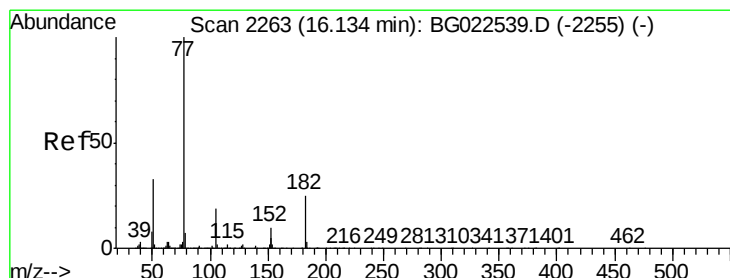
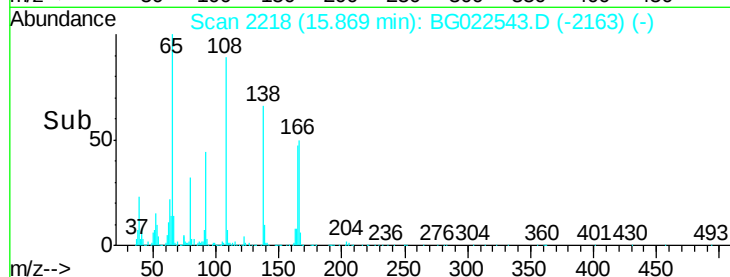
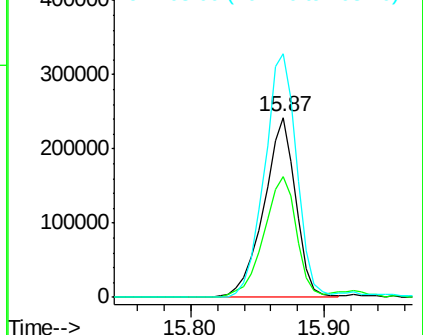
108 135.1 133.9 173.9



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: 55.02 ng

RT: 16.13 min Scan# 2263

Delta R.T. 0.01 min

Lab File: BG022543.D

Acq: 24 Jun 2016 17:51

Tgt Ion: 77 Resp: 1981683

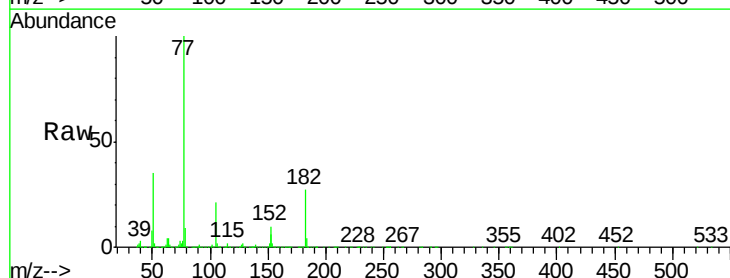
Ion Ratio Lower Upper

77 100

182 26.7 3.5 43.5

105 20.7 0.0 38.5

51 34.8 17.1 57.1

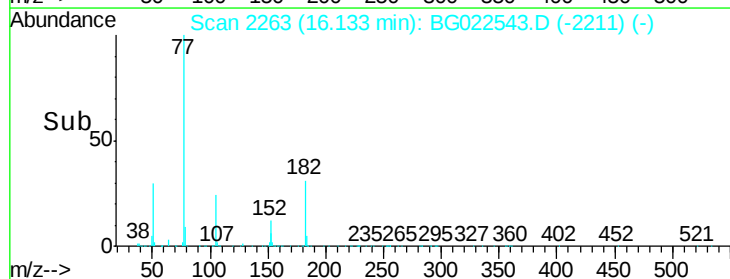
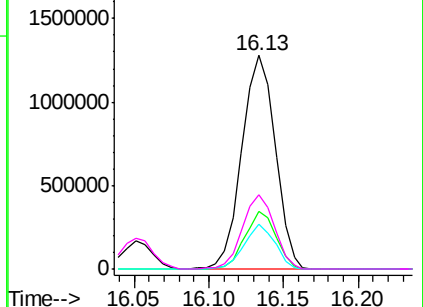


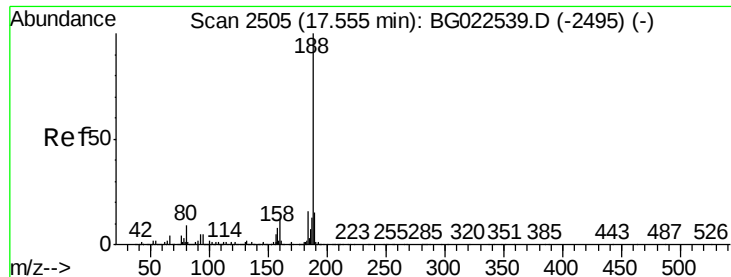
Abundance Ion 77.00 (76.70 to 77.70): BGC

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

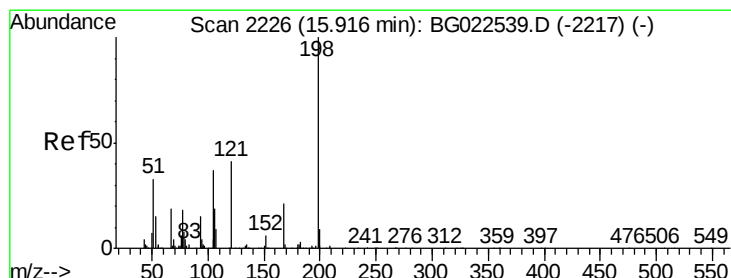
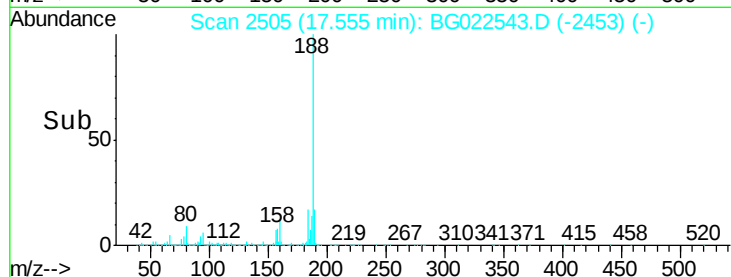
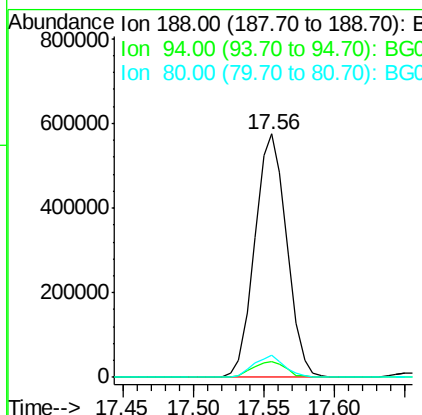
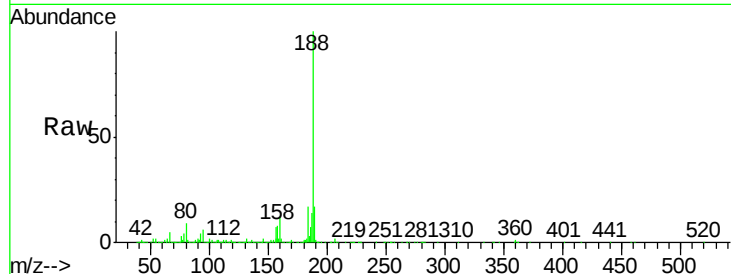




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.56 min Scan# 2505  
Delta R.T. 0.01 min  
Lab File: BG022543.D  
Acq: 24 Jun 2016 17:51

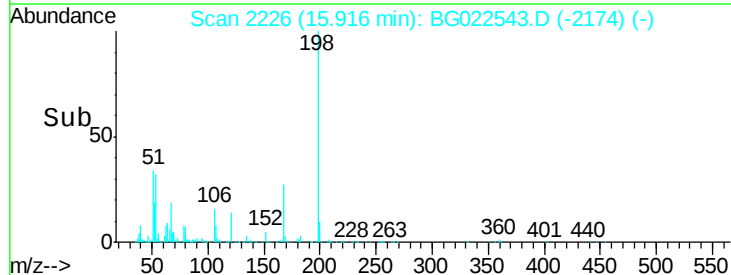
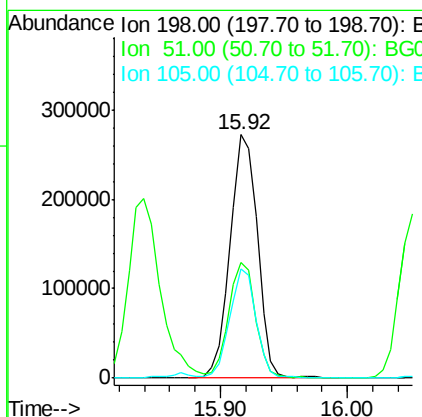
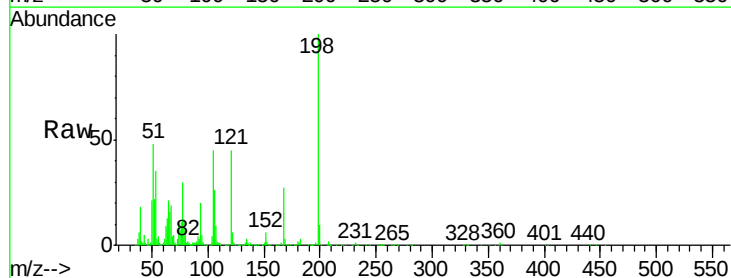
Instrument :  
BNA\_G  
ClientSampleId :

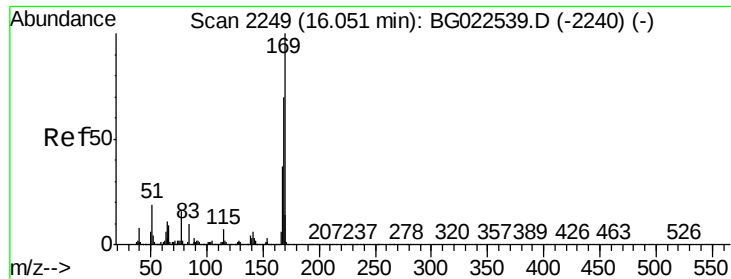
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 6.3   | 5.2   | 7.8   |
| 80      | 9.1   | 7.2   | 10.8  |



#64  
4,6-Dinitro-2-methylphenol  
Concen: 67.27 ng  
RT: 15.92 min Scan# 2226  
Delta R.T. 0.01 min  
Lab File: BG022543.D  
Acq: 24 Jun 2016 17:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 47.7  | 26.0  | 66.0  |
| 105     | 45.0  | 20.1  | 60.1  |

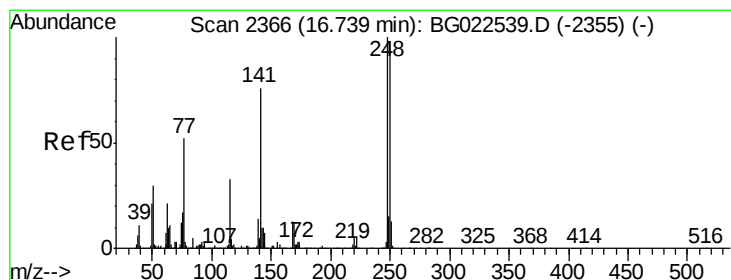
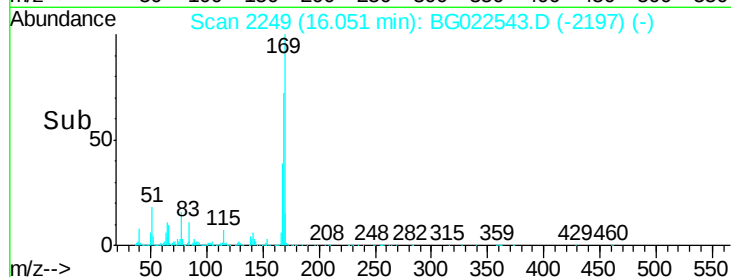
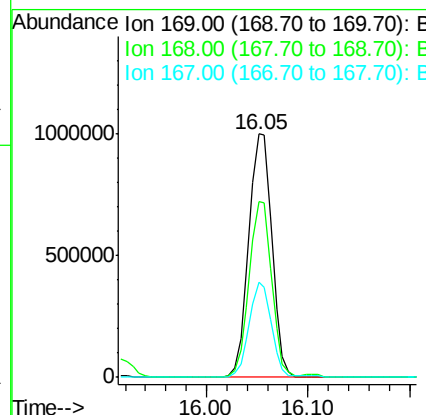
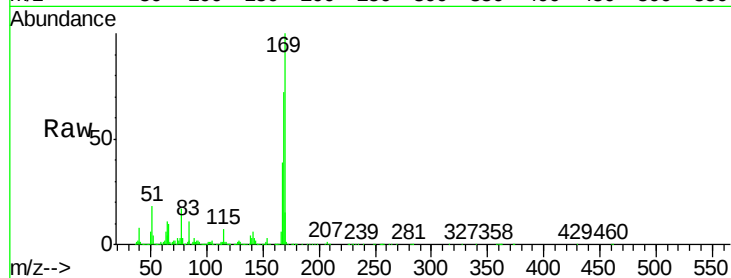




#65  
n-Nitrosodiphenylamine  
Concen: 59.44 ng  
RT: 16.05 min Scan# 2249  
Delta R.T. 0.01 min  
Lab File: BG022543.D  
Acq: 24 Jun 2016 17:51

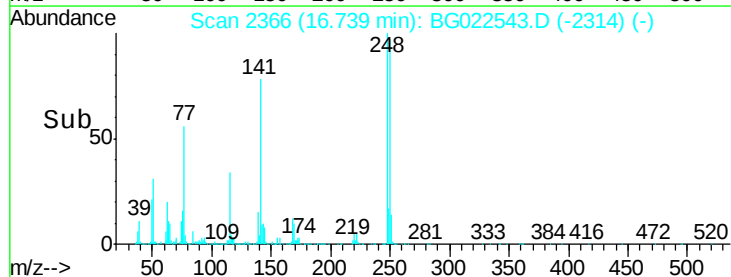
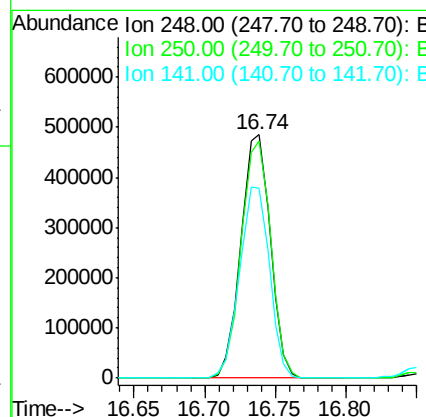
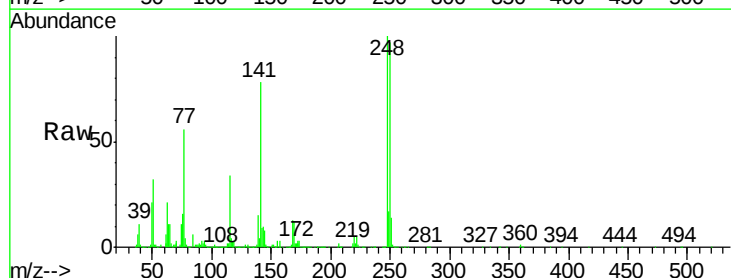
Instrument :  
BNA\_G  
ClientSampleId :

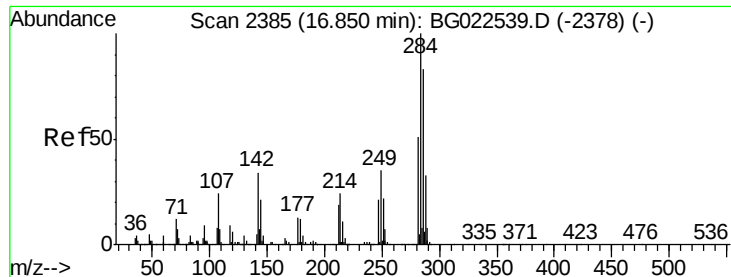
Tot Ion:169 Resp: 1583445  
Ion Ratio Lower Upper  
169 100  
168 72.4 55.0 82.4  
167 38.8 27.4 41.0



#66  
4-Bromophenyl-phenylether  
Concen: 59.68 ng  
RT: 16.74 min Scan# 2366  
Delta R.T. 0.01 min  
Lab File: BG022543.D  
Acq: 24 Jun 2016 17:51

Tgt Ion:248 Resp: 708388  
Ion Ratio Lower Upper  
248 100  
250 97.3 77.8 116.8  
141 77.9 65.7 98.5





#67

Hexachlorobenzene

Concen: 59.25 ng

RT: 16.86 min Scan# 2386

Delta R.T. 0.01 min

Lab File: BG022543.D

Acq: 24 Jun 2016 17:51

Instrument :

BNA\_G

ClientSampleId :

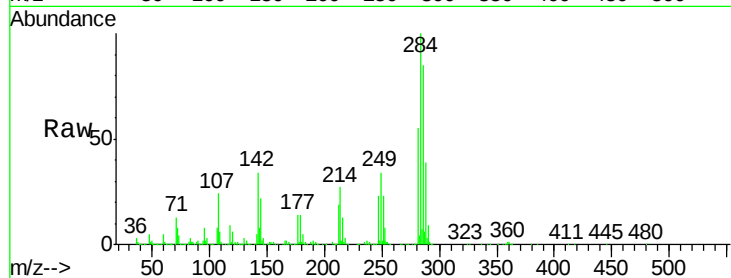
Tot Ion:284 Resp: 744418

Ion Ratio Lower Upper

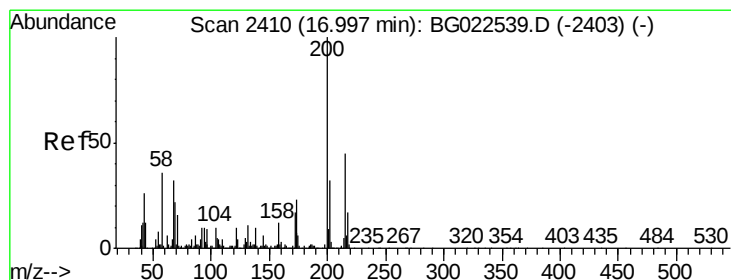
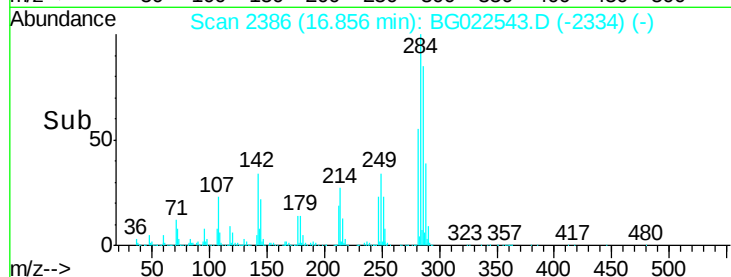
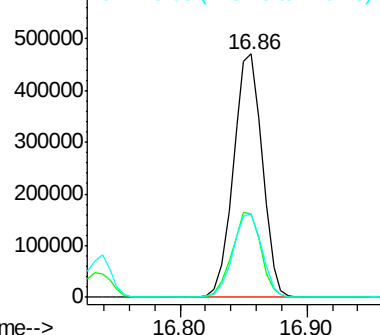
284 100

142 34.4 26.8 40.2

249 34.4 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: 61.47 ng

RT: 17.00 min Scan# 2411

Delta R.T. 0.01 min

Lab File: BG022543.D

Acq: 24 Jun 2016 17:51

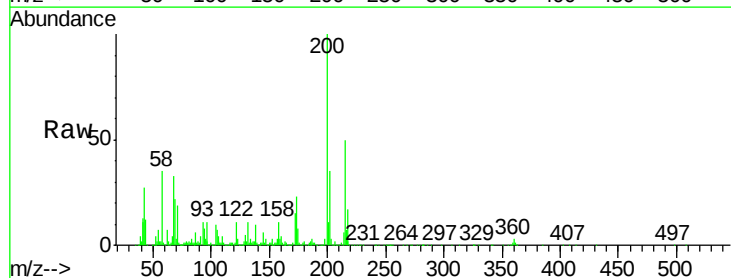
Tgt Ion:200 Resp: 688102

Ion Ratio Lower Upper

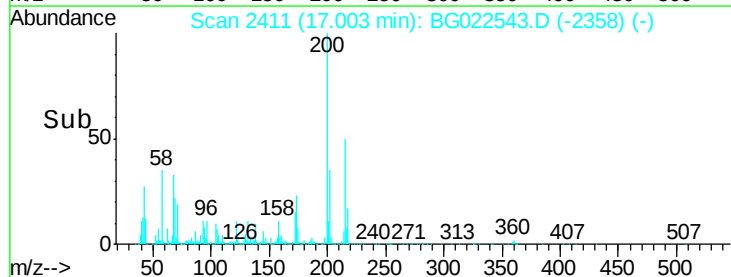
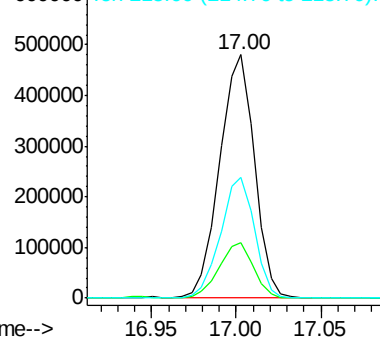
200 100

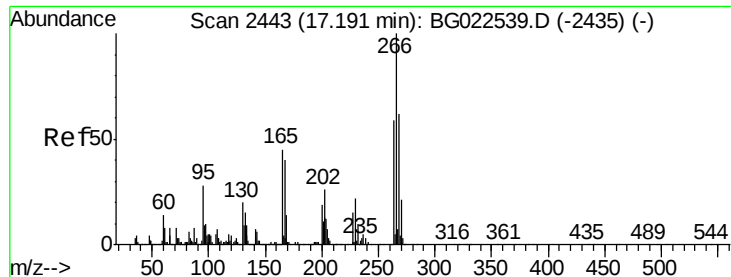
173 22.9 1.6 41.6

215 49.8 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

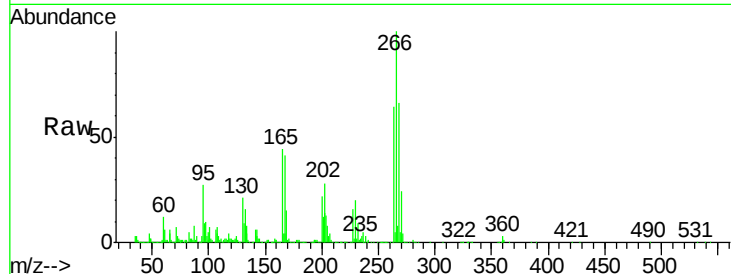




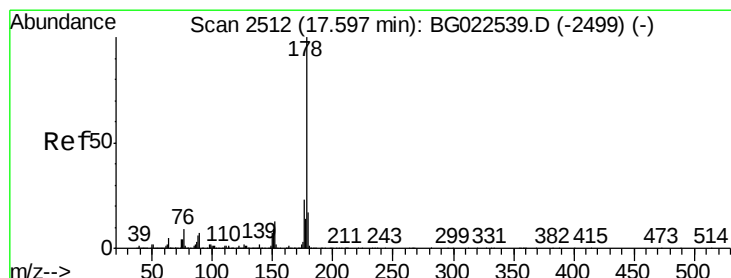
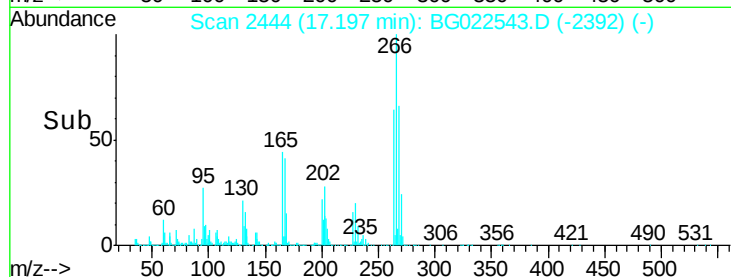
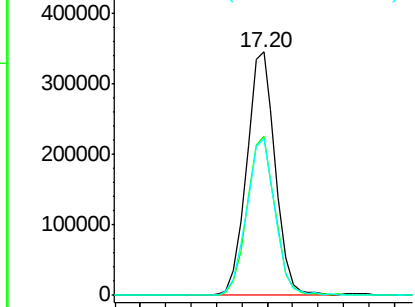
#69  
 Pentachlorophenol  
 Concen: 63.02 ng  
 RT: 17.20 min Scan# 2444  
 Delta R.T. 0.01 min  
 Lab File: BG022543.D  
 Acq: 24 Jun 2016 17:51

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:266 Resp: 539971  
 Ion Ratio Lower Upper  
 266 100  
 268 65.6 51.9 77.9  
 264 64.1 50.6 75.8

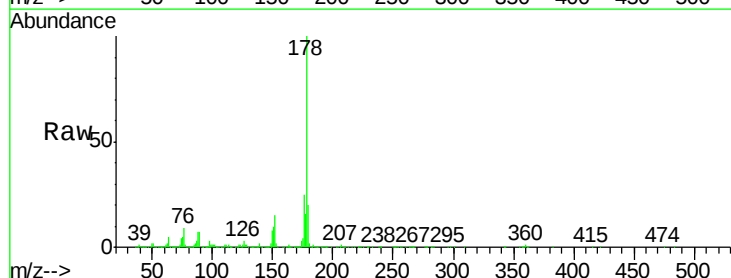


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

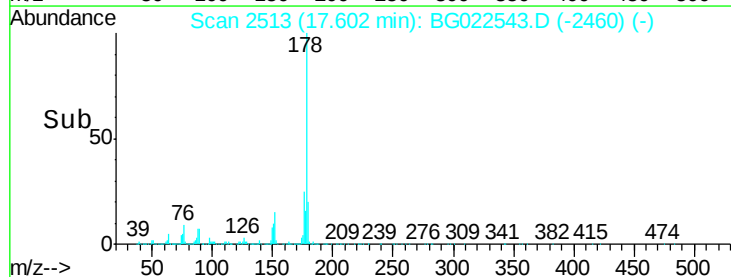
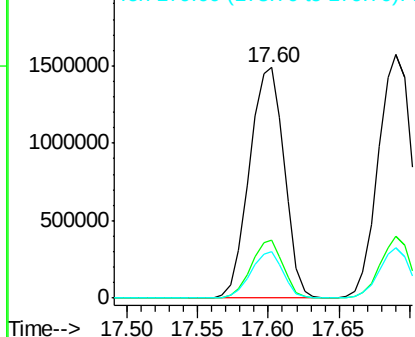


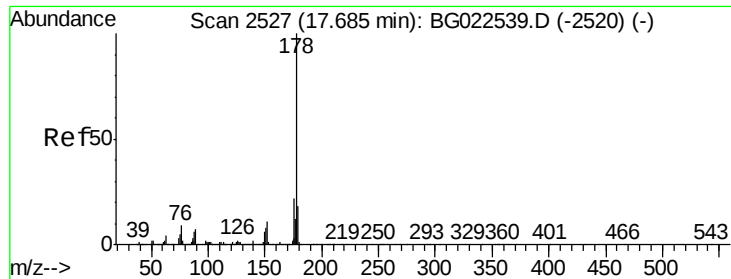
#70  
 Phenanthrene  
 Concen: 54.56 ng  
 RT: 17.60 min Scan# 2513  
 Delta R.T. 0.01 min  
 Lab File: BG022543.D  
 Acq: 24 Jun 2016 17:51

Tgt Ion:178 Resp: 2577003  
 Ion Ratio Lower Upper  
 178 100  
 176 24.9 16.8 25.2  
 179 20.4 14.3 21.5



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

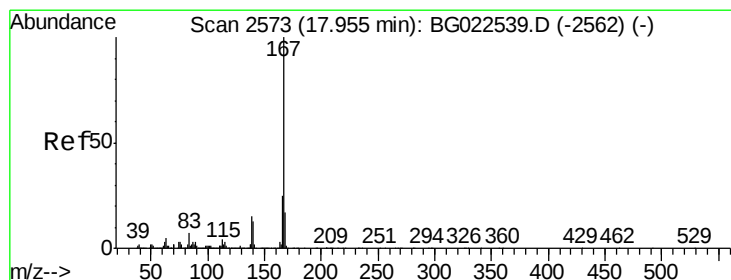
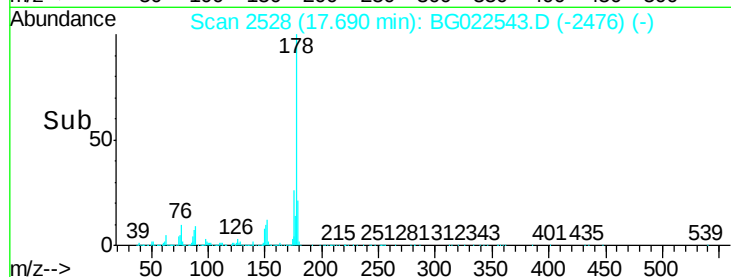
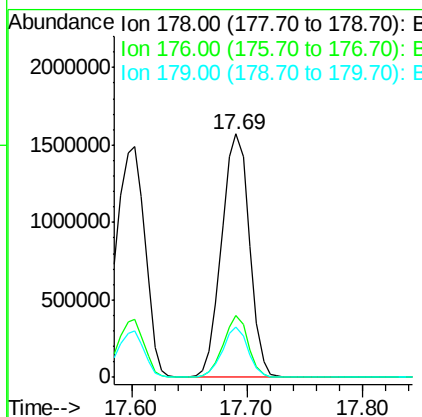
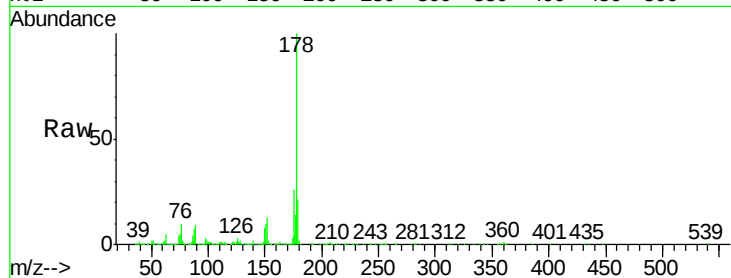




#71  
 Anthracene  
 Concen: 53.63 ng  
 RT: 17.69 min Scan# 2528  
 Delta R.T. 0.01 min  
 Lab File: BG022543.D  
 Acq: 24 Jun 2016 17:51

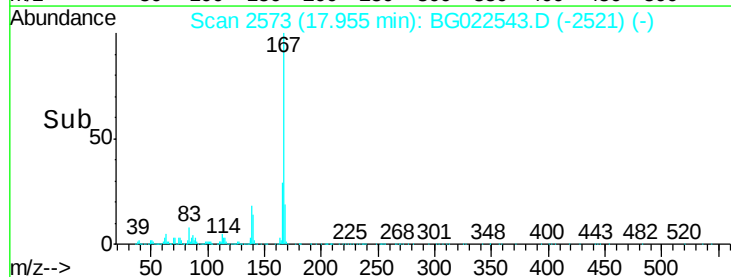
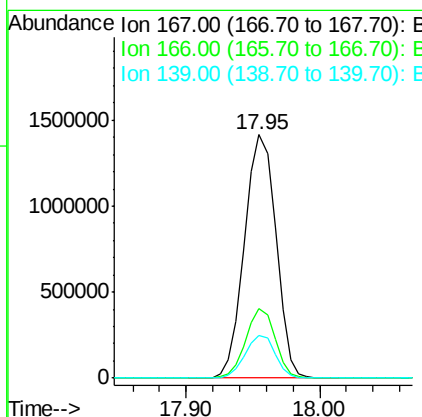
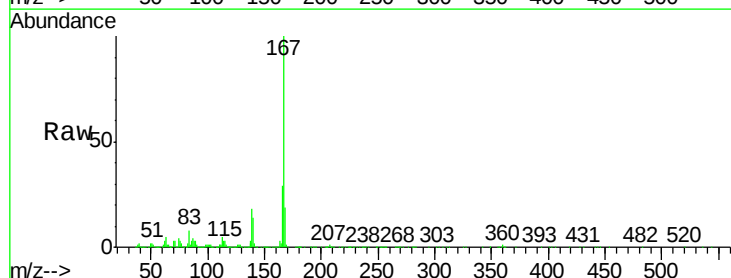
Instrument :  
 BNA\_G  
 ClientSampleId :

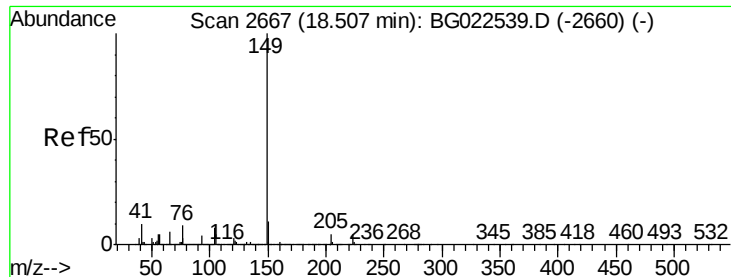
Tot Ion:178 Resp: 2613069  
 Ion Ratio Lower Upper  
 178 100  
 176 25.5 17.3 25.9  
 179 20.8 14.0 21.0



#72  
 Carbazole  
 Concen: 56.21 ng  
 RT: 17.95 min Scan# 2573  
 Delta R.T. 0.01 min  
 Lab File: BG022543.D  
 Acq: 24 Jun 2016 17:51

Tgt Ion:167 Resp: 2307202  
 Ion Ratio Lower Upper  
 167 100  
 166 28.7 20.7 31.1  
 139 17.7 11.9 17.9





#73

Di-n-butylphthalate

Concen: 52.85 ng

RT: 18.51 min Scan# 2668

Delta R.T. 0.01 min

Lab File: BG022543.D

Acq: 24 Jun 2016 17:51

Instrument :

BNA\_G

ClientSampleId :

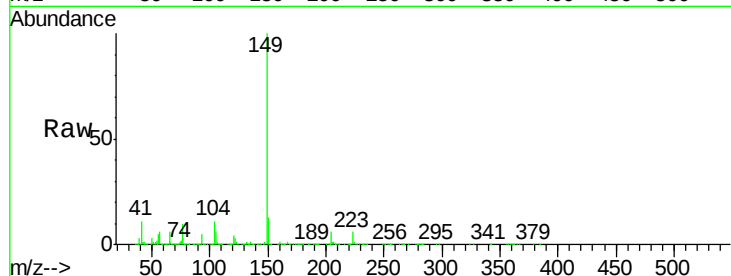
Tot Ion:149 Resp: 2668286

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 13.0  | 9.1   | 13.7  |
| 104 | 10.7  | 6.9   | 10.3  |

149 100

150 13.0 9.1 13.7

104 10.7 6.9 10.3

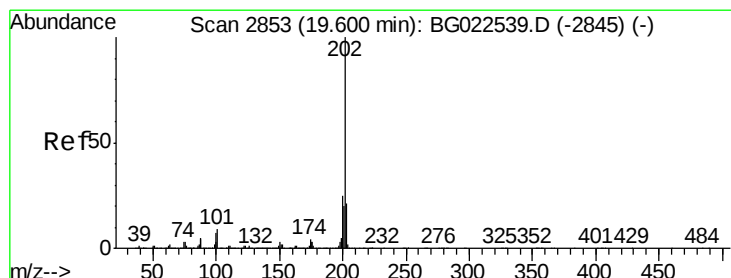
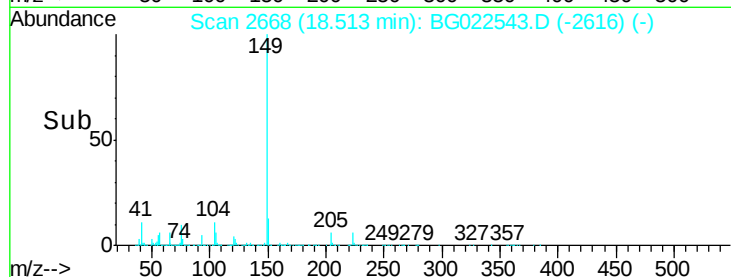
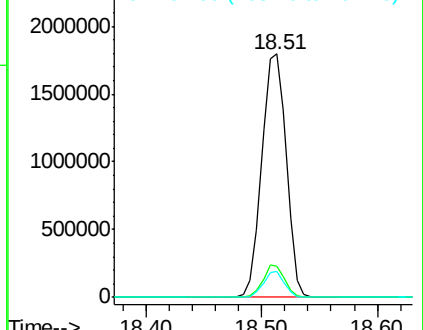


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 52.05 ng

RT: 19.61 min Scan# 2854

Delta R.T. 0.01 min

Lab File: BG022543.D

Acq: 24 Jun 2016 17:51

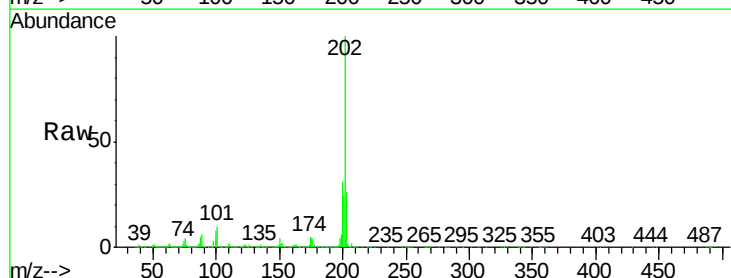
Tgt Ion:202 Resp: 2981211

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 9.9   | 0.0   | 27.4  |
| 203 | 26.0  | 1.7   | 41.7  |

202 100

101 9.9 0.0 27.4

203 26.0 1.7 41.7

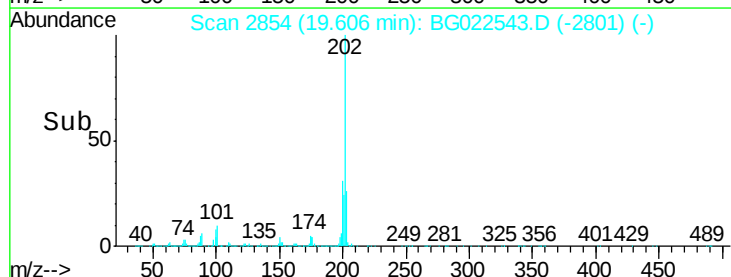
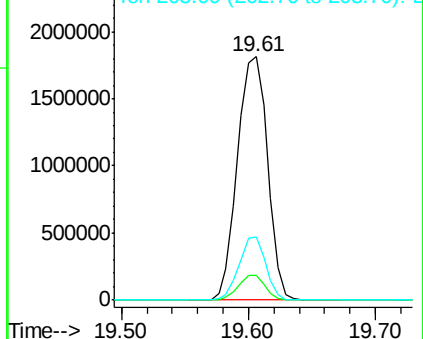


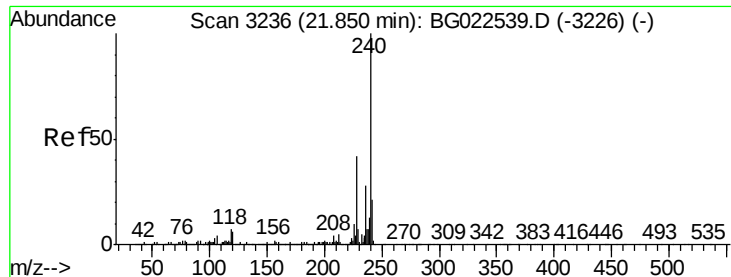
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3237

Delta R.T. 0.01 min

Lab File: BG022543.D

Acq: 24 Jun 2016 17:51

Instrument :

BNA\_G

ClientSampleId :

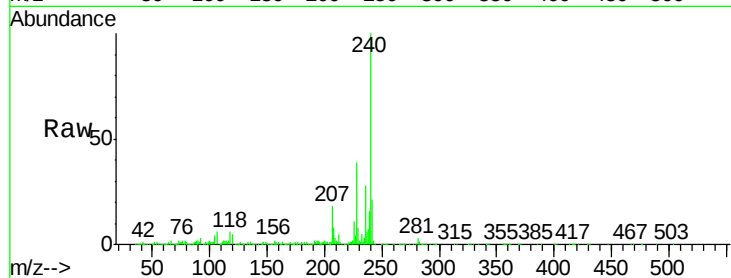
Tot Ion:240 Resp: 1040523

Ion Ratio Lower Upper

240 100

120 5.2 4.1 6.1

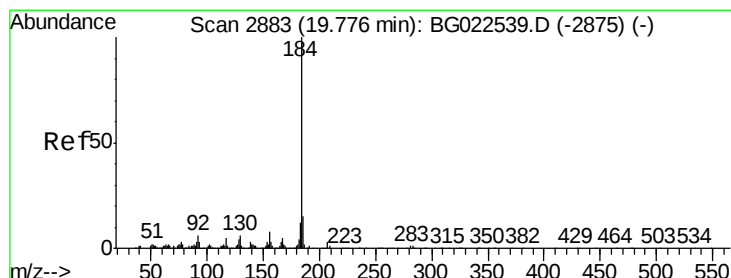
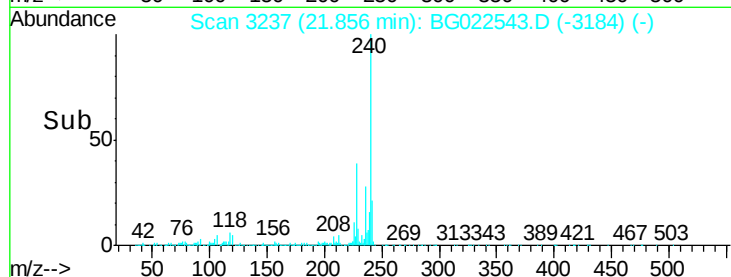
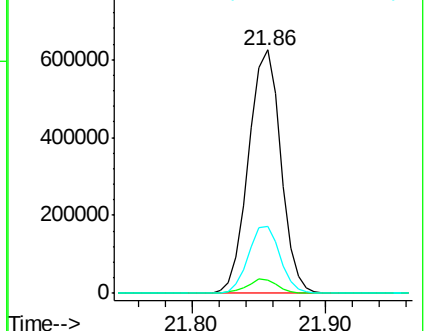
236 27.7 21.1 31.7



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: 107.54 ng

RT: 19.78 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG022543.D

Acq: 24 Jun 2016 17:51

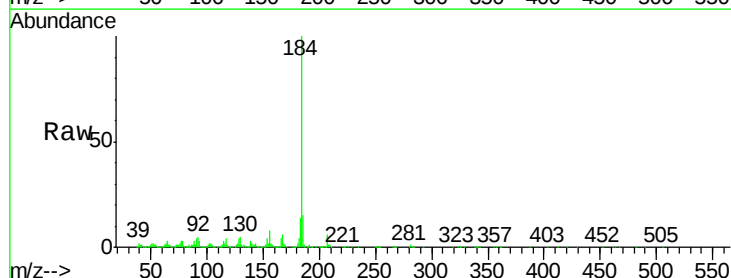
Tgt Ion:184 Resp: 1052386

Ion Ratio Lower Upper

184 100

185 14.9 12.6 19.0

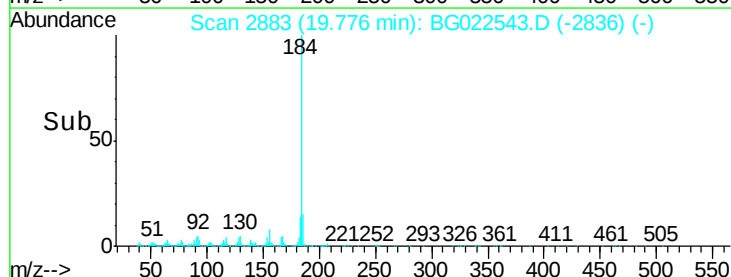
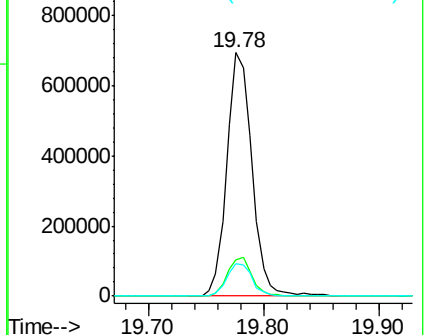
183 13.5 10.7 16.1

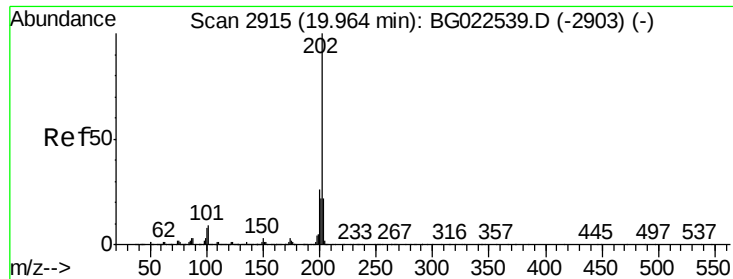


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 51.55 ng

RT: 19.96 min Scan# 2915

Delta R.T. 0.01 min

Lab File: BG022543.D

Acq: 24 Jun 2016 17:51

Instrument :

BNA\_G

ClientSampleId :

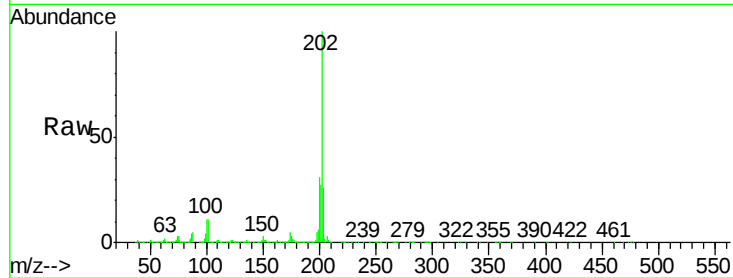
Tot Ion:202 Resp: 3059257

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 31.3  | 21.2  | 31.8  |
| 203 | 25.6  | 16.8  | 25.2  |

202 100

200 31.3 21.2 31.8

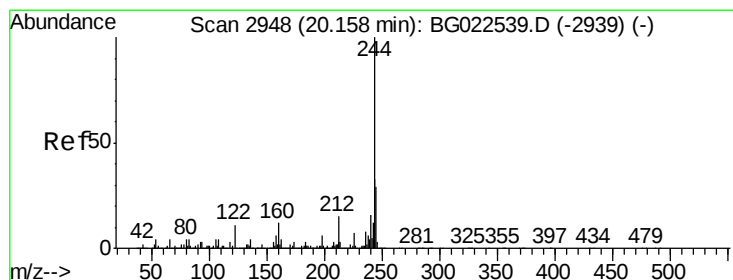
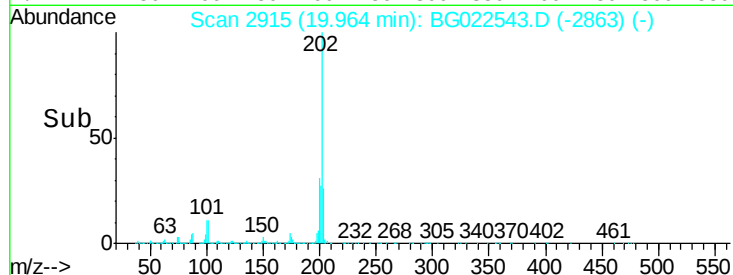
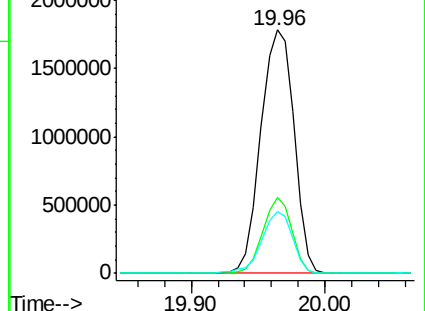
203 25.6 16.8 25.2



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: 44.75 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG022543.D

Acq: 24 Jun 2016 17:51

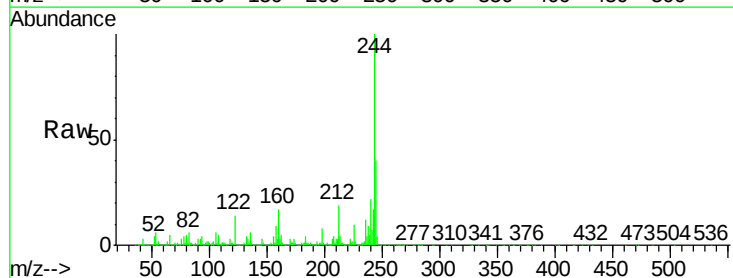
Tgt Ion:244 Resp: 3558946

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 18.6  | 10.8  | 16.2  |
| 122 | 13.6  | 8.0   | 12.0  |

244 100

212 18.6 10.8 16.2

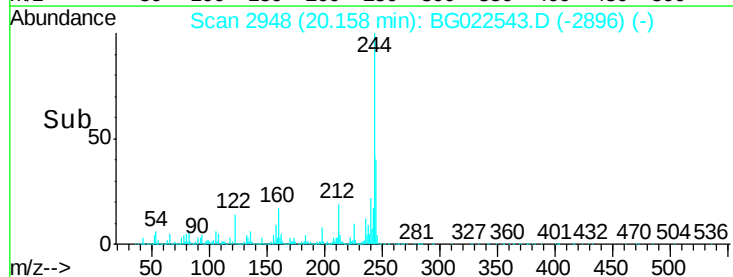
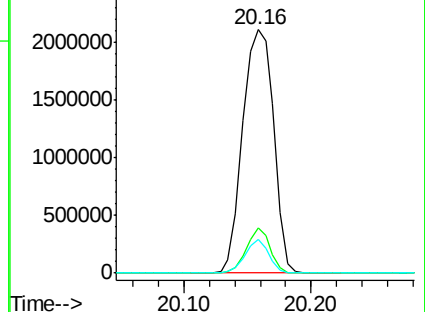
122 13.6 8.0 12.0

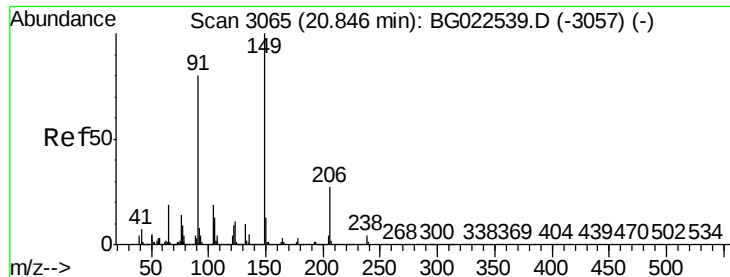


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 59.59 ng

RT: 20.85 min Scan# 3065

Delta R.T. 0.01 min

Lab File: BG022543.D

Acq: 24 Jun 2016 17:51

Instrument :

BNA\_G

ClientSampled :

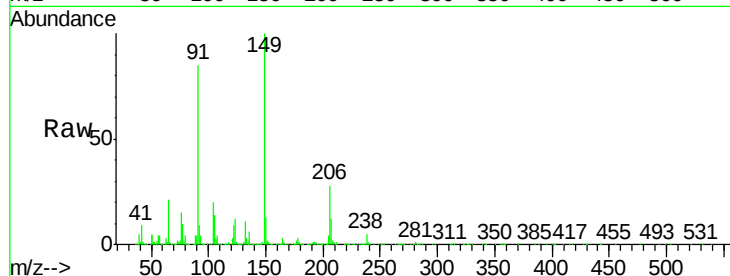
Tot Ion:149 Resp: 1431094

Ion Ratio Lower Upper

149 100

91 84.7 68.1 102.1

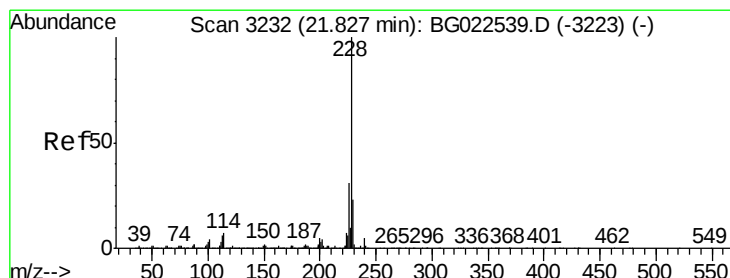
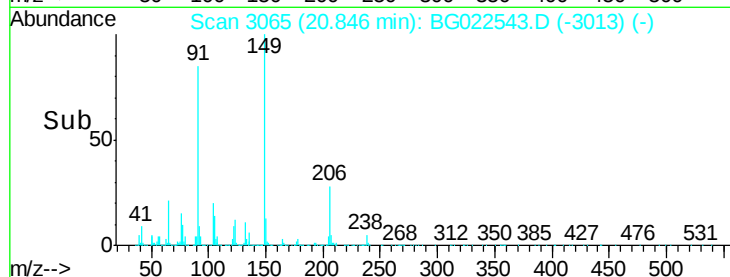
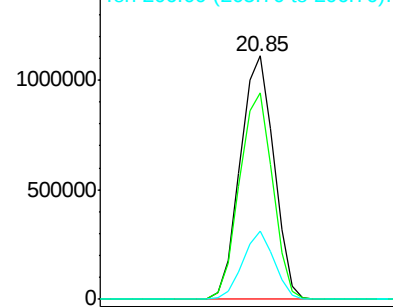
206 28.2 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 52.34 ng

RT: 21.83 min Scan# 3233

Delta R.T. 0.01 min

Lab File: BG022543.D

Acq: 24 Jun 2016 17:51

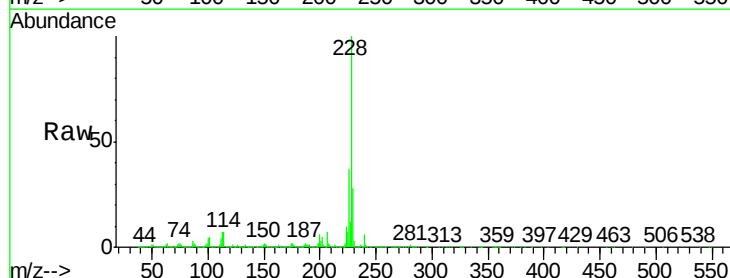
Tgt Ion:228 Resp: 3217679

Ion Ratio Lower Upper

228 100

226 37.1 25.3 37.9

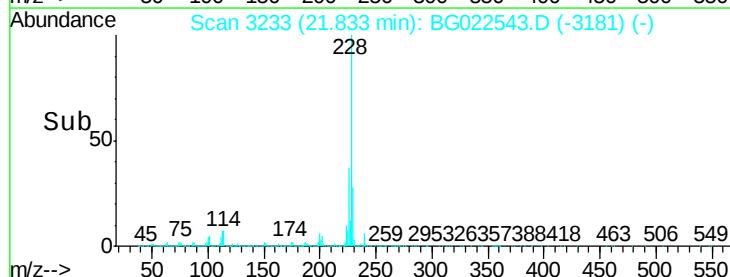
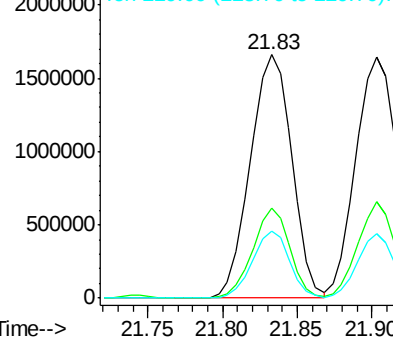
229 27.6 19.9 29.9

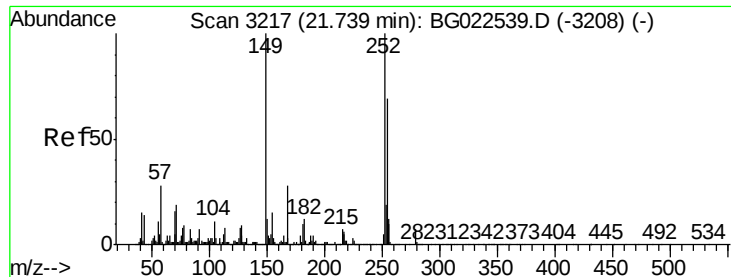


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

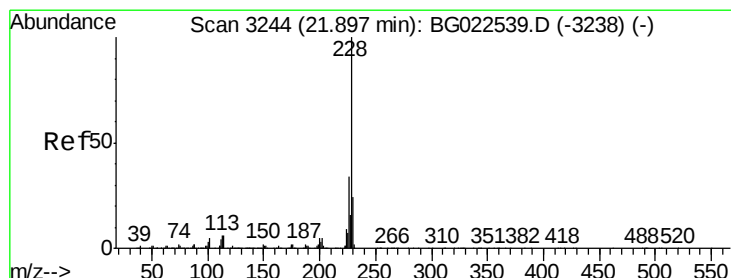
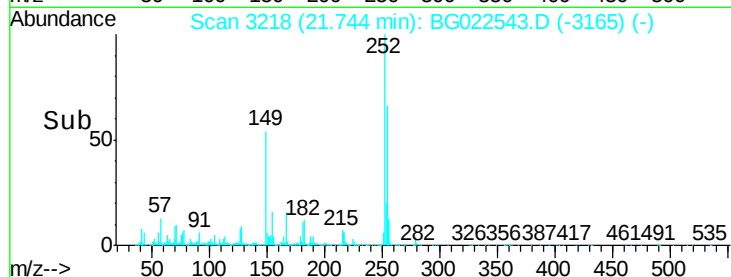
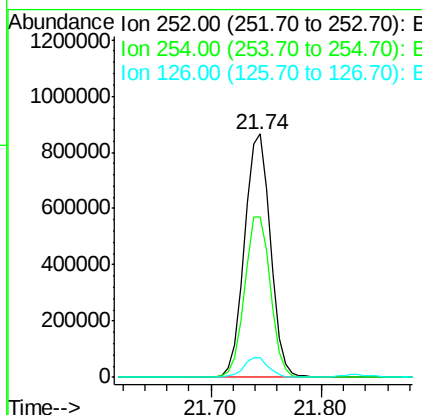
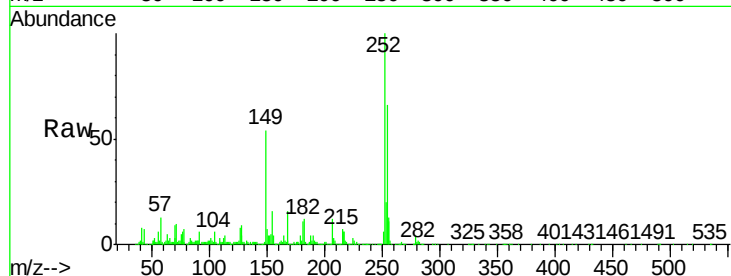




#81  
 3,3'-Dichlorobenzidine  
 Concen: 60.12 ng  
 RT: 21.74 min Scan# 3218  
 Delta R.T. 0.01 min  
 Lab File: BG022543.D  
 Acq: 24 Jun 2016 17:51

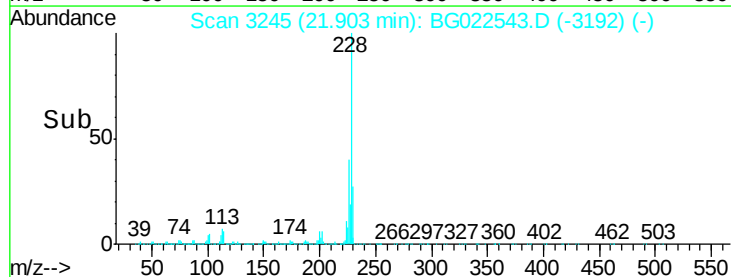
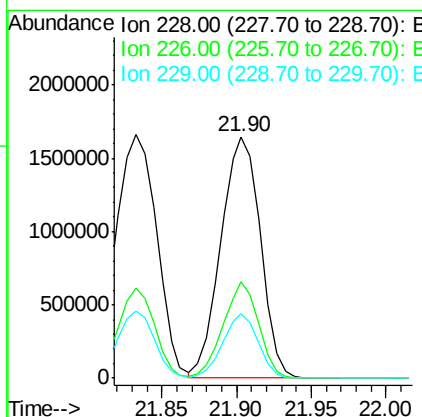
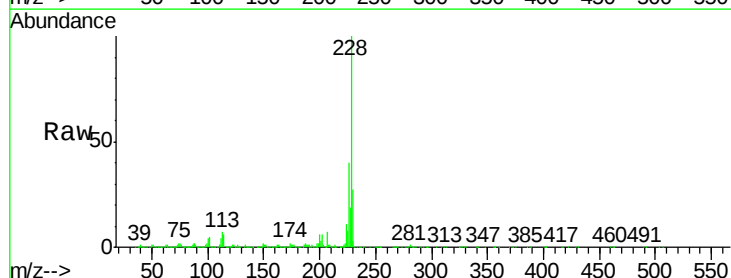
Instrument :  
 BNA\_G  
 ClientSampleId :

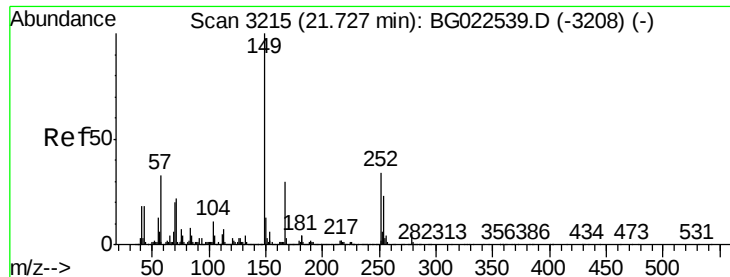
Tot Ion:252 Resp: 1429272  
 Ion Ratio Lower Upper  
 252 100  
 254 65.9 51.2 76.8  
 126 8.0 5.3 7.9#



#82  
 Chrysene  
 Concen: 52.55 ng  
 RT: 21.90 min Scan# 3245  
 Delta R.T. 0.01 min  
 Lab File: BG022543.D  
 Acq: 24 Jun 2016 17:51

Tgt Ion:228 Resp: 3030672  
 Ion Ratio Lower Upper  
 228 100  
 226 40.0 26.7 40.1  
 229 26.7 17.4 26.2#

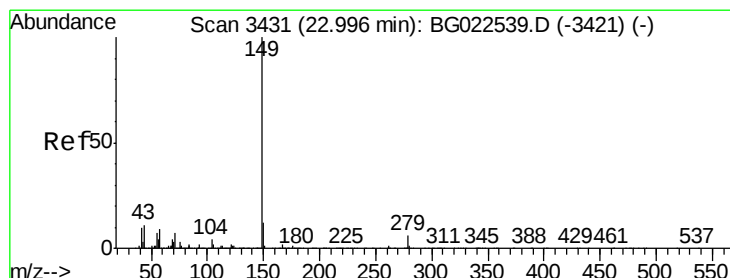
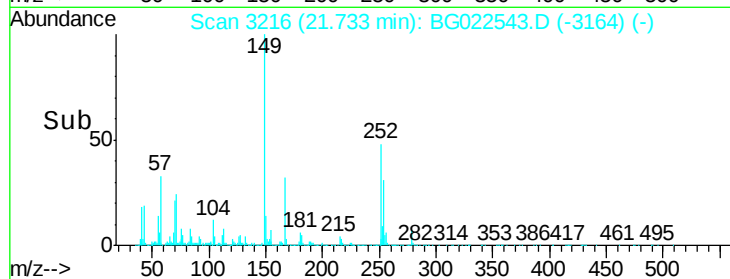
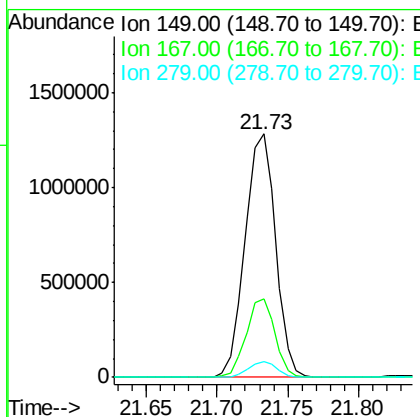
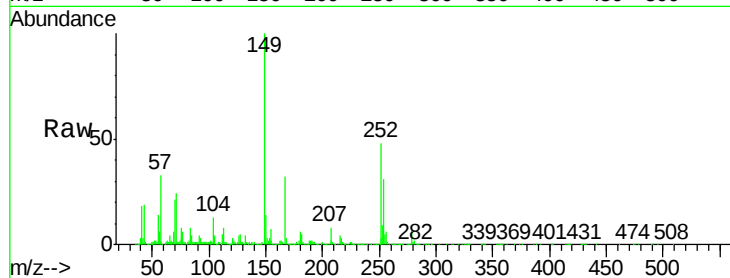




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 57.08 ng  
 RT: 21.73 min Scan# 3216  
 Delta R.T. 0.01 min  
 Lab File: BG022543.D  
 Acq: 24 Jun 2016 17:51

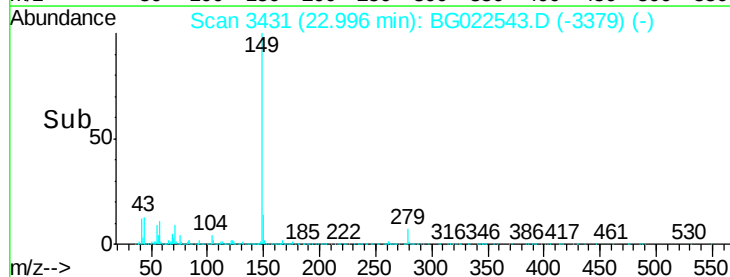
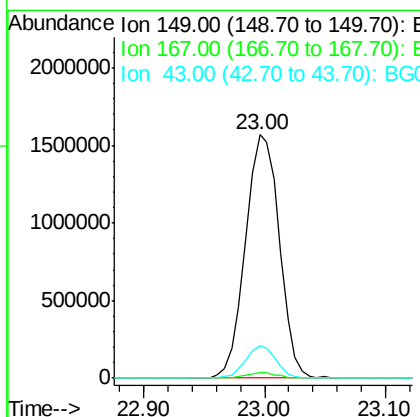
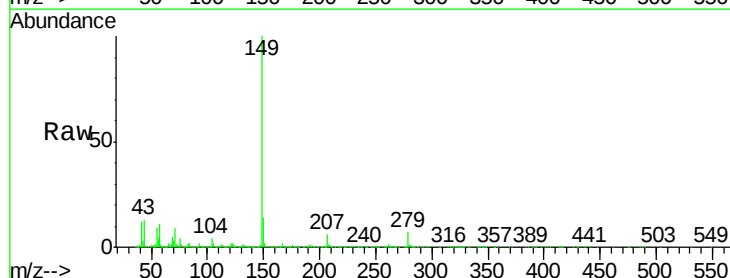
Instrument :  
 BNA\_G  
 ClientSampleId :

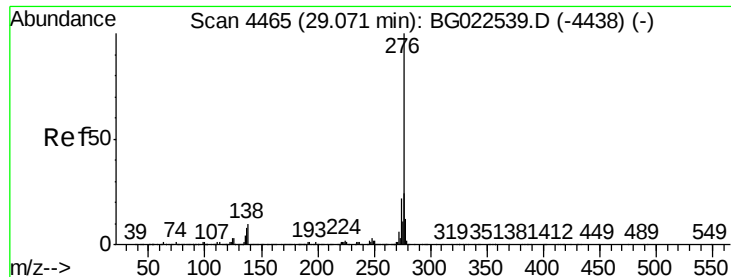
Tot Ion:149 Resp: 1941625  
 Ion Ratio Lower Upper  
 149 100  
 167 32.0 24.0 36.0  
 279 6.6 4.8 7.2



#84  
 Di-n-octyl phthalate  
 Concen: 54.34 ng  
 RT: 23.00 min Scan# 3431  
 Delta R.T. 0.01 min  
 Lab File: BG022543.D  
 Acq: 24 Jun 2016 17:51

Tgt Ion:149 Resp: 3066969  
 Ion Ratio Lower Upper  
 149 100  
 167 2.0 1.5 2.3  
 43 11.9 8.8 13.2

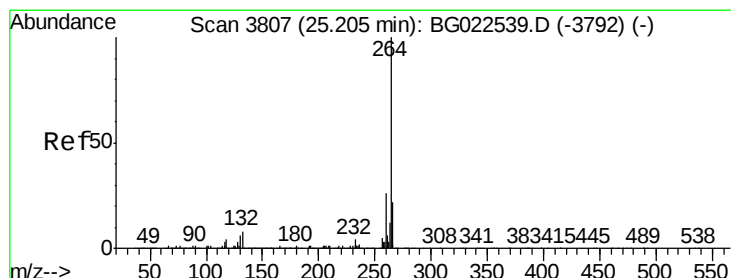
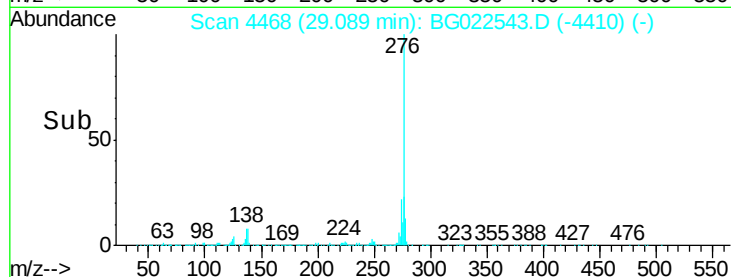
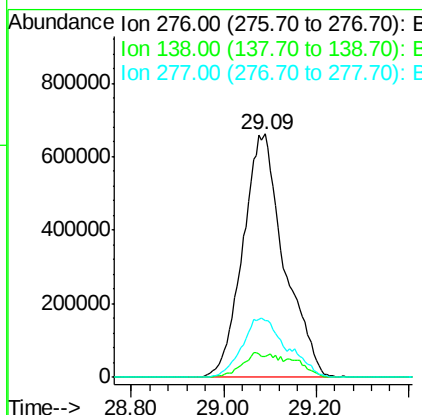
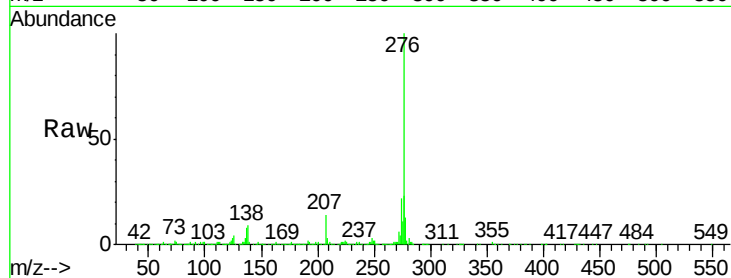




#85  
Indeno(1,2,3-cd)pyrene  
Concen: 57.64 ng  
RT: 29.09 min Scan# 4468  
Delta R.T. 0.04 min  
Lab File: BG022543.D  
Acq: 24 Jun 2016 17:51

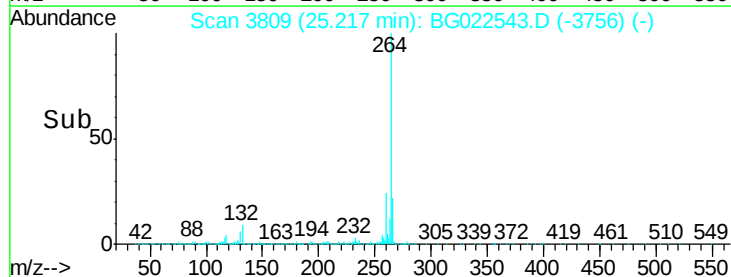
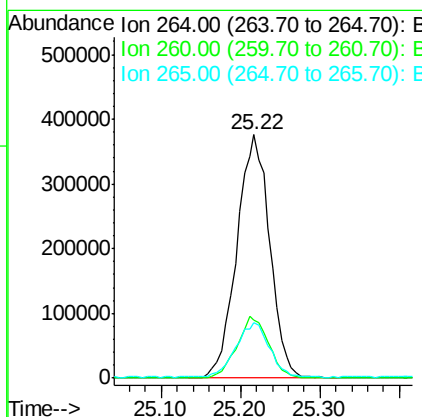
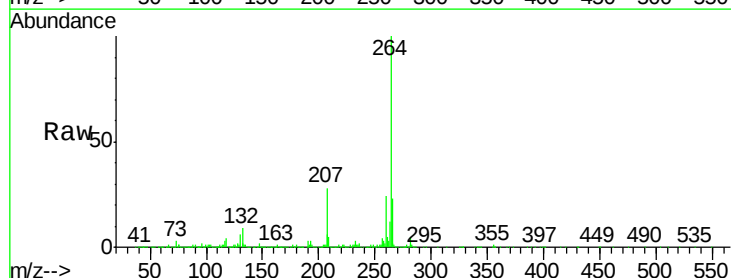
Instrument :  
BNA\_G  
ClientSampleId :

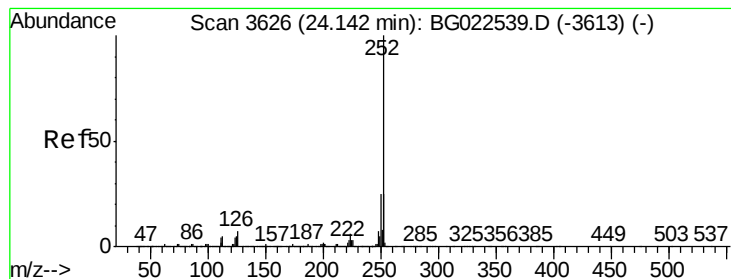
Tot Ion:276 Resp: 4121624  
Ion Ratio Lower Upper  
276 100  
138 5.5 0.0 0.0#  
277 26.4 0.0 0.0#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.22 min Scan# 3809  
Delta R.T. 0.01 min  
Lab File: BG022543.D  
Acq: 24 Jun 2016 17:51

Tgt Ion:264 Resp: 1080142  
Ion Ratio Lower Upper  
264 100  
260 24.0 18.4 27.6  
265 22.6 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 55.74 ng

RT: 24.15 min Scan# 3627

Delta R.T. 0.02 min

Lab File: BG022543.D

Acq: 24 Jun 2016 17:51

Instrument :

BNA\_G

ClientSampleId :

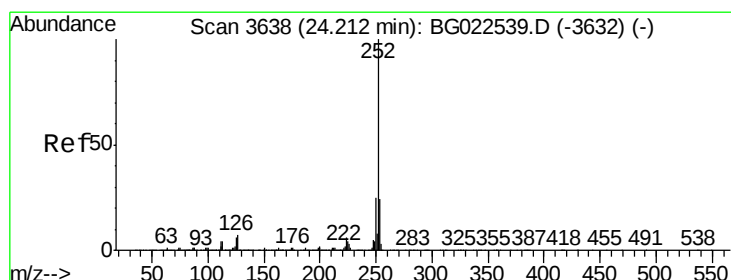
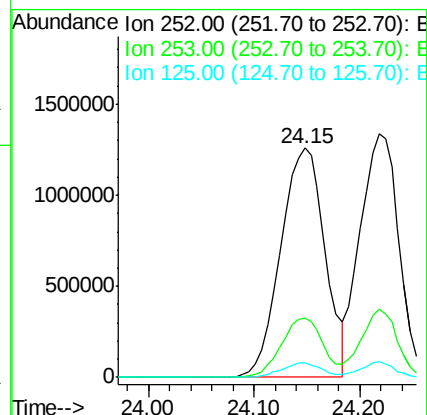
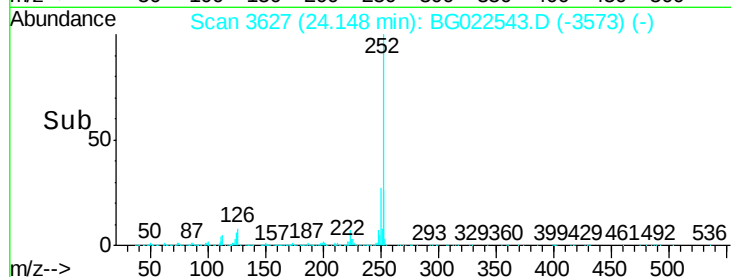
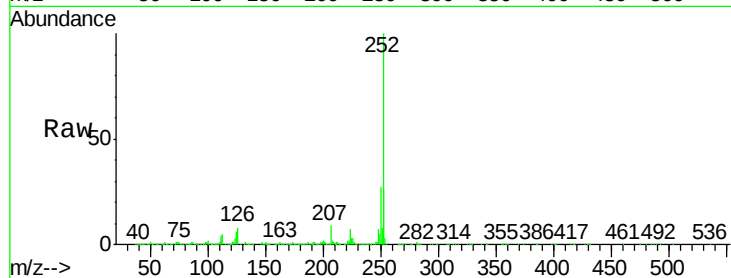
Tot Ion:252 Resp: 3657193

Ion Ratio Lower Upper

252 100

253 26.1 18.9 28.3

125 6.2 3.9 5.9#



#88

Benzo(k)fluoranthene

Concen: 54.50 ng

RT: 24.22 min Scan# 3639

Delta R.T. 0.02 min

Lab File: BG022543.D

Acq: 24 Jun 2016 17:51

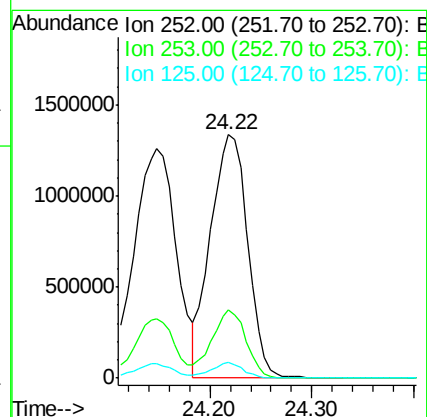
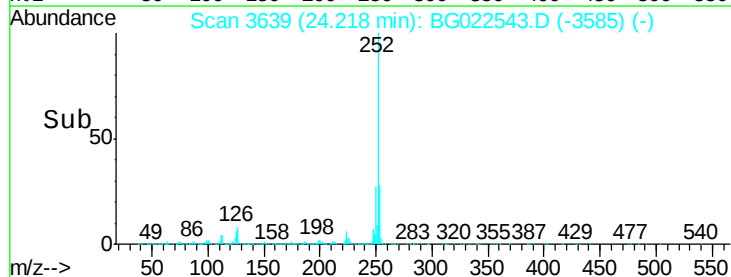
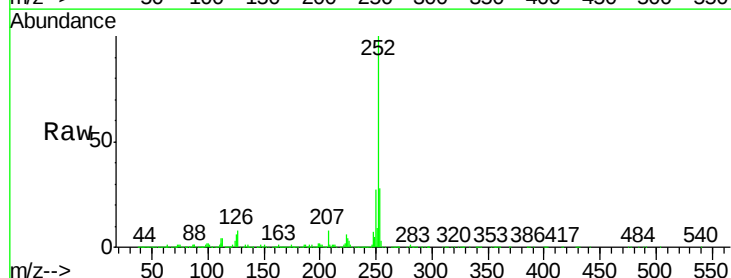
Tgt Ion:252 Resp: 3390668

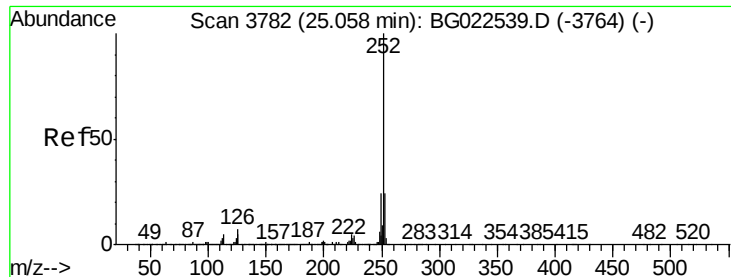
Ion Ratio Lower Upper

252 100

253 27.8 18.8 28.2

125 6.3 3.2 4.8#





#89

Benzo(a)pyrene

Concen: 55.43 ng

RT: 25.06 min Scan# 3783

Delta R.T. 0.02 min

Lab File: BG022543.D

Acq: 24 Jun 2016 17:51

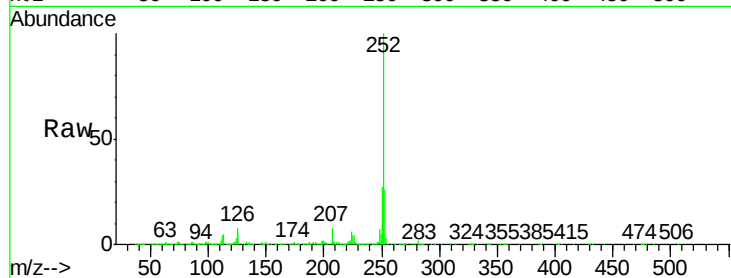
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:252 Resp: 3548608

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 25.6  | 18.7  | 28.1  |
| 125 | 6.4   | 3.9   | 5.9   |

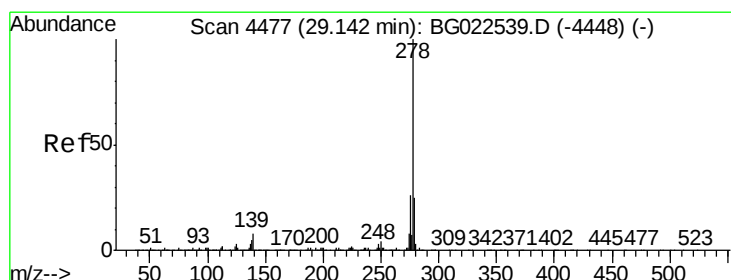
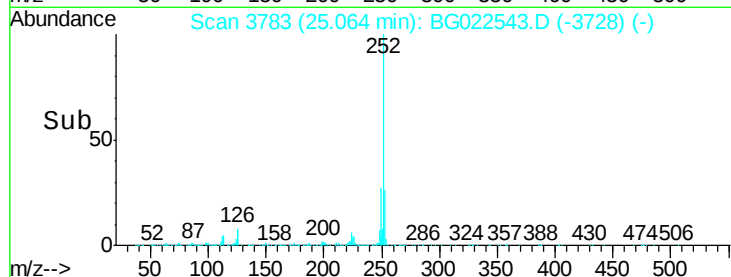
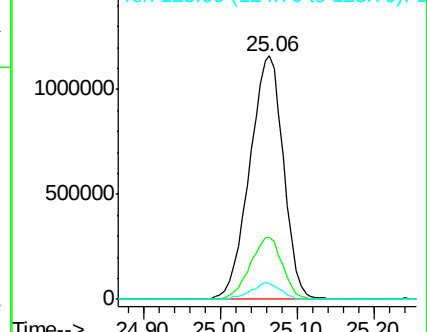


Abundance

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: 56.08 ng

RT: 29.15 min Scan# 4479

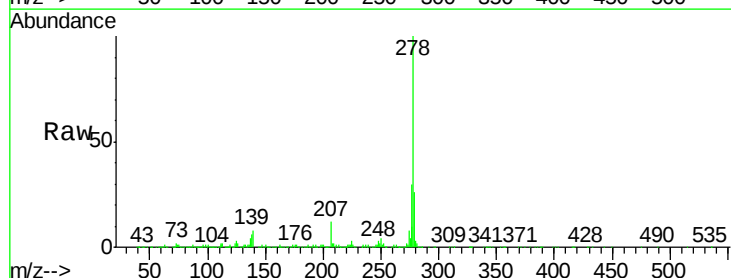
Delta R.T. 0.04 min

Lab File: BG022543.D

Acq: 24 Jun 2016 17:51

Tgt Ion:278 Resp: 3374397

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 8.3   | 4.7   | 7.1   |
| 279 | 25.5  | 18.3  | 27.5  |

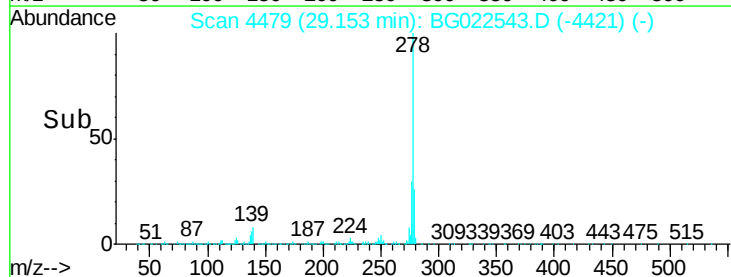
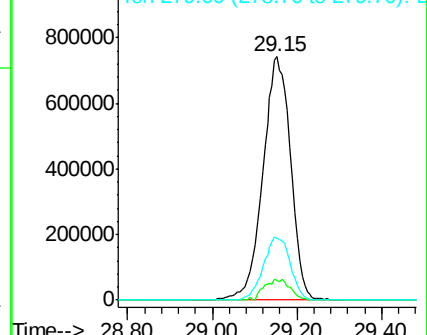


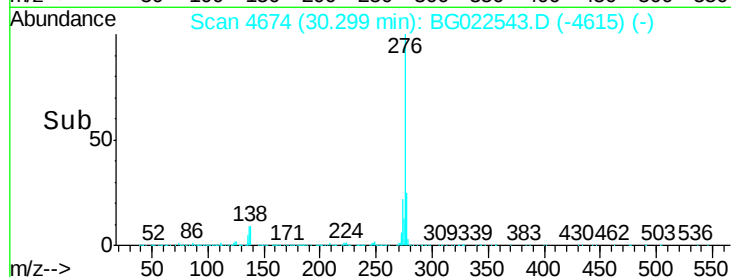
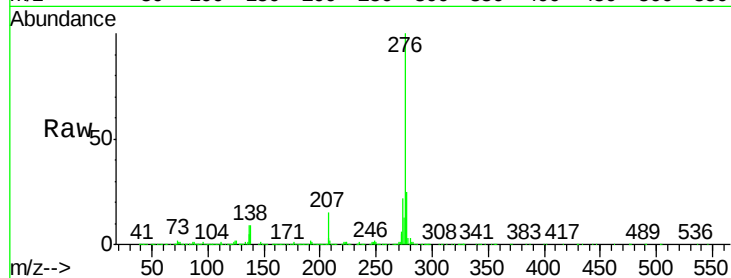
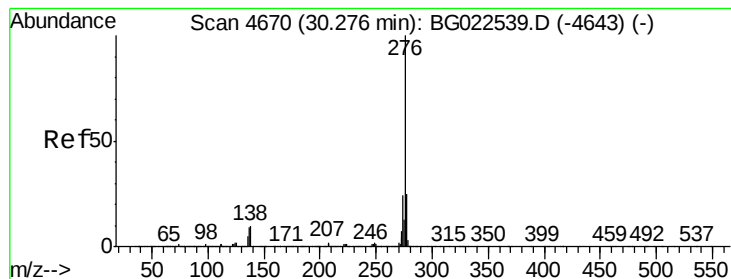
Abundance

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: 56.04 ng

RT: 30.30 min Scan# 4674

Delta R.T. 0.05 min

Lab File: BG022543.D

Acq: 24 Jun 2016 17:51

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:276 Resp: 3432384

Ion Ratio Lower Upper

276 100

277 25.2 18.6 27.8

138 8.8 6.8 10.2

