

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091217\  
 Data File : BG028667.D  
 Acq On : 12 Sep 2017 13:17  
 Operator : SJ/JU  
 Sample : SSTDICC025  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Sep 12 14:50:22 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 14:47:21 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.33  | 152  | 34948    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.15 | 136  | 142830   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.95 | 164  | 101171   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.69 | 188  | 259557   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 22.03 | 240  | 291610   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 25.53 | 264  | 293937   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.90  | 112 | 99231  | 47.81 | ng | 0.00 |
| 7) Phenol-d6             | 7.49  | 99  | 150062 | 49.84 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.50  | 82  | 147203 | 47.32 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.44 | 330 | 83665  | 54.41 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.56 | 172 | 376697 | 48.71 | ng | 0.00 |
| 78) Terphenyl-d14        | 20.28 | 244 | 689377 | 50.93 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.85  | 88  | 19775  | 23.291 | ng | 93     |
| 3) Pyridine                    | 4.25  | 79  | 55065  | 20.886 | ng | # 88   |
| 4) n-Nitrosodimethylamine      | 4.15  | 42  | 26548  | 21.130 | ng | 89     |
| 6) Aniline                     | 7.65  | 93  | 86319  | 22.394 | ng | 96     |
| 8) 2-Chlorophenol              | 7.89  | 128 | 56059  | 23.926 | ng | 90     |
| 9) Benzaldehyde                | 7.47  | 77  | 48571  | 27.339 | ng | 92     |
| 10) Phenol                     | 7.51  | 94  | 78396  | 24.040 | ng | 90     |
| 11) bis(2-Chloroethyl)ether    | 7.74  | 93  | 56431  | 23.535 | ng | 88     |
| 12) 1,3-Dichlorobenzene        | 8.22  | 146 | 58198  | 21.211 | ng | 95     |
| 13) 1,4-Dichlorobenzene        | 8.36  | 146 | 61516  | 22.739 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 8.69  | 146 | 60984  | 22.939 | ng | 95     |
| 15) Benzyl Alcohol             | 8.57  | 79  | 58221  | 24.396 | ng | 90     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.85  | 45  | 101325 | 20.496 | ng | 97     |
| 17) 2-Methylphenol             | 8.77  | 107 | 52497  | 25.101 | ng | 91     |
| 18) Hexachloroethane           | 9.42  | 117 | 23399  | 22.015 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 9.12  | 70  | 53575  | 22.505 | ng | # 88   |
| 20) 3+4-Methylphenols          | 9.10  | 107 | 71999  | 24.864 | ng | 93     |
| 22) Acetophenone               | 9.16  | 105 | 103055 | 25.972 | ng | # 89   |
| 24) Nitrobenzene               | 9.55  | 77  | 79178  | 24.095 | ng | # 86   |
| 25) Isophorone                 | 10.06 | 82  | 148168 | 25.869 | ng | 98     |
| 26) 2-Nitrophenol              | 10.26 | 139 | 32982  | 24.202 | ng | 91     |
| 27) 2,4-Dimethylphenol         | 10.30 | 122 | 65324  | 26.540 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.53 | 93  | 81187  | 23.752 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.80 | 162 | 63094  | 26.111 | ng | 92     |
| 30) 1,2,4-Trichlorobenzene     | 11.01 | 180 | 71984  | 24.210 | ng | 98     |
| 31) Naphthalene                | 11.20 | 128 | 183870 | 23.716 | ng | 98     |
| 32) Benzoic acid               | 10.44 | 122 | 37422  | 24.132 | ng | 88     |
| 33) 4-Chloroaniline            | 11.31 | 127 | 75228  | 23.017 | ng | 94     |
| 34) Hexachlorobutadiene        | 11.47 | 225 | 52448  | 24.412 | ng | 94     |
| 35) Caprolactam                | 12.08 | 113 | 22432  | 24.525 | ng | 99     |
| 36) 4-Chloro-3-methylphenol    | 12.41 | 107 | 81257  | 26.411 | ng | 94     |
| 37) 2-Methylnaphthalene        | 12.78 | 142 | 136737 | 23.920 | ng | 96     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.15 | 216 | 100952 | 25.689 | ng | # 97   |
| 40) Hexachlorocyclopentadiene  | 13.12 | 237 | 29886  | 21.788 | ng | 87     |

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091217\  
 Data File : BG028667.D  
 Acq On : 12 Sep 2017 13:17  
 Operator : SJ/JU  
 Sample : SSTDICC025  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

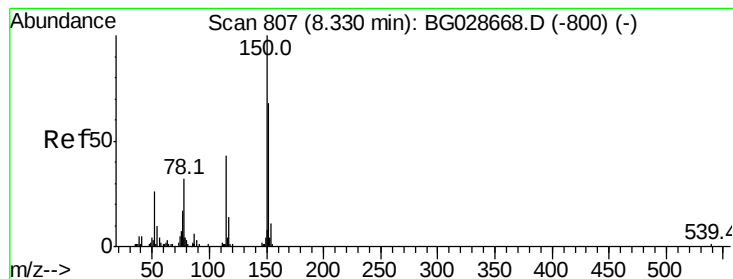
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Sep 12 14:50:22 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 14:47:21 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.38 | 196  | 64364    | 25.641 | ng    | 91       |
| 43) 2,4,5-Trichlorophenol      | 13.46 | 196  | 65763    | 26.216 | ng    | 88       |
| 45) 1,1'-Biphenyl              | 13.78 | 154  | 207471   | 24.424 | ng    | 95       |
| 46) 2-Chloronaphthalene        | 13.83 | 162  | 149487   | 23.169 | ng    | 98       |
| 47) 2-Nitroaniline             | 14.03 | 65   | 56301    | 21.403 | ng    | 90       |
| 48) Acenaphthylene             | 14.67 | 152  | 242761   | 24.535 | ng    | 96       |
| 49) Dimethylphthalate          | 14.38 | 163  | 212413   | 25.482 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.52 | 165  | 48048    | 26.310 | ng    | # 83     |
| 51) Acenaphthene               | 15.00 | 154  | 148679   | 24.537 | ng    | 98       |
| 52) 3-Nitroaniline             | 14.86 | 138  | 43697    | 23.691 | ng    | # 78     |
| 53) 2,4-Dinitrophenol          | 15.07 | 184  | 17149    | 17.349 | ng    | 87       |
| 54) Dibenzofuran               | 15.34 | 168  | 233142   | 24.892 | ng    | 95       |
| 55) 4-Nitrophenol              | 15.17 | 139  | 30063    | 22.874 | ng    | # 81     |
| 56) 2,4-Dinitrotoluene         | 15.30 | 165  | 66942    | 25.434 | ng    | # 87     |
| 57) Fluorene                   | 15.99 | 166  | 213189   | 24.900 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.57 | 232  | 58919    | 26.299 | ng    | # 93     |
| 59) Diethylphthalate           | 15.73 | 149  | 217023   | 24.848 | ng    | 97       |
| 60) 4-Chlorophenyl-phenylether | 15.97 | 204  | 116011   | 23.991 | ng    | 93       |
| 61) 4-Nitroaniline             | 16.01 | 138  | 45170    | 22.621 | ng    | 91       |
| 62) Azobenzene                 | 16.26 | 77   | 180865   | 23.185 | ng    | 92       |
| 64) 4,6-Dinitro-2-methylphenol | 16.07 | 198  | 38595    | 20.937 | ng    | 90       |
| 65) n-Nitrosodiphenylamine     | 16.18 | 169  | 183869   | 23.989 | ng    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.87 | 248  | 79536    | 23.599 | ng    | 97       |
| 67) Hexachlorobenzene          | 17.00 | 284  | 93857    | 25.305 | ng    | # 85     |
| 68) Atrazine                   | 17.12 | 200  | 79698    | 28.826 | ng    | 98       |
| 69) Pentachlorophenol          | 17.35 | 266  | 37531    | 21.741 | ng    | 92       |
| 70) Phenanthrene               | 17.74 | 178  | 326616   | 23.663 | ng    | 93       |
| 71) Anthracene                 | 17.83 | 178  | 331448   | 23.613 | ng    | 96       |
| 72) Carbazole                  | 18.10 | 167  | 295911   | 23.564 | ng    | 93       |
| 73) Di-n-butylphthalate        | 18.62 | 149  | 369676   | 24.242 | ng    | # 95     |
| 74) Fluoranthene               | 19.74 | 202  | 401758   | 22.799 | ng    | 93       |
| 76) Benzidine                  | 19.91 | 184  | 162783   | 27.477 | ng    | 97       |
| 77) Pyrene                     | 20.10 | 202  | 420710   | 24.324 | ng    | 94       |
| 79) Butylbenzylphthalate       | 20.96 | 149  | 167791   | 25.079 | ng    | 96       |
| 80) Benzo(a)anthracene         | 22.01 | 228  | 439199   | 25.155 | ng    | 93       |
| 81) 3,3'-Dichlorobenzidine     | 21.91 | 252  | 176502   | 26.310 | ng    | 99       |
| 82) Chrysene                   | 22.08 | 228  | 414992   | 25.203 | ng    | 96       |
| 83) Bis(2-ethylhexyl)phthalate | 21.86 | 149  | 238849   | 24.778 | ng    | 99       |
| 84) Di-n-octyl phthalate       | 23.16 | 149  | 416251   | 25.193 | ng    | # 89     |
| 85) Indeno(1,2,3-cd)pyrene     | 29.56 | 276  | 526420   | 26.987 | ng    | # 98     |
| 87) Benzo(b)fluoranthene       | 24.41 | 252  | 439105   | 23.850 | ng    | # 95     |
| 88) Benzo(k)fluoranthene       | 24.48 | 252  | 437224   | 24.594 | ng    | # 96     |
| 89) Benzo(a)pyrene             | 25.37 | 252  | 424514   | 24.582 | ng    | 97       |
| 90) Dibenzo(a,h)anthracene     | 29.61 | 278  | 437149   | 24.396 | ng    | # 96     |
| 91) Benzo(g,h,i)perylene       | 30.81 | 276  | 429057   | 24.413 | ng    | 98       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 807

Delta R.T. -0.00 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

Instrument :

BNA\_G

ClientSampleId :

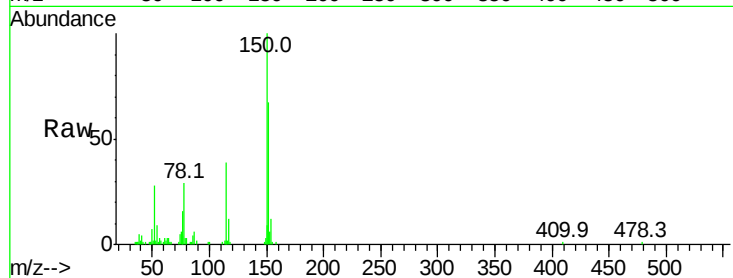
Tot Ion:152 Resp: 34948

Ion Ratio Lower Upper

152 100

150 149.1 114.0 171.0

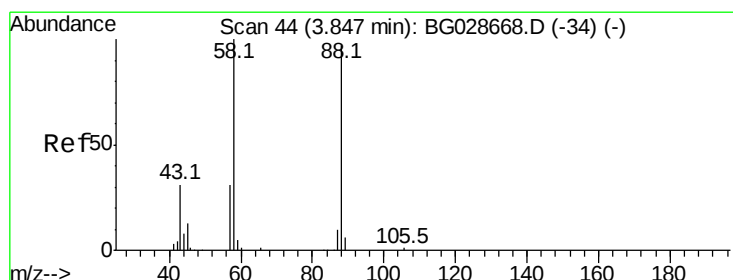
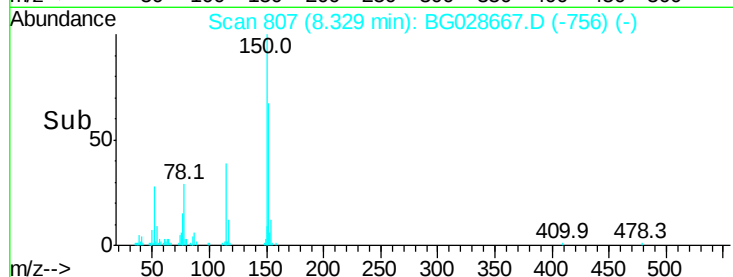
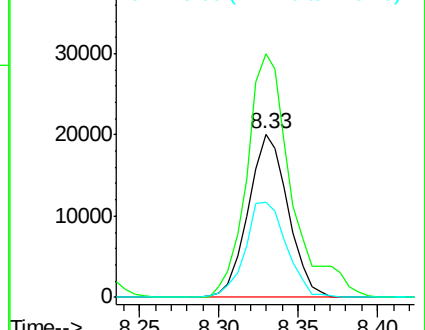
115 58.6 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 23.291 ng

RT: 3.85 min Scan# 45

Delta R.T. 0.01 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

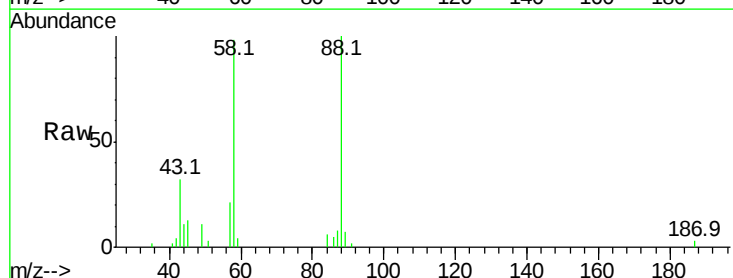
Tgt Ion: 88 Resp: 19775

Ion Ratio Lower Upper

88 100

58 94.7 79.4 119.2

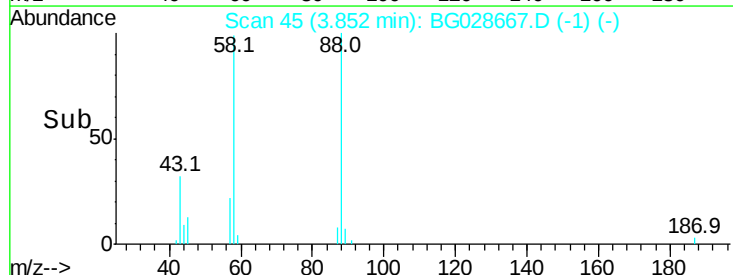
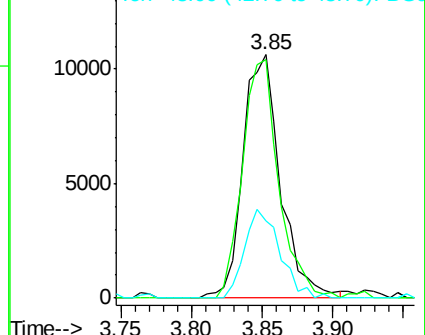
43 34.3 33.8 50.6



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 20.886 ng

RT: 4.25 min Scan# 112

Delta R.T. 0.01 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

Instrument :

BNA\_G

ClientSampleId :

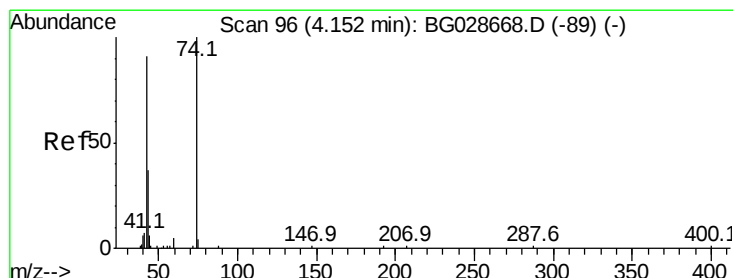
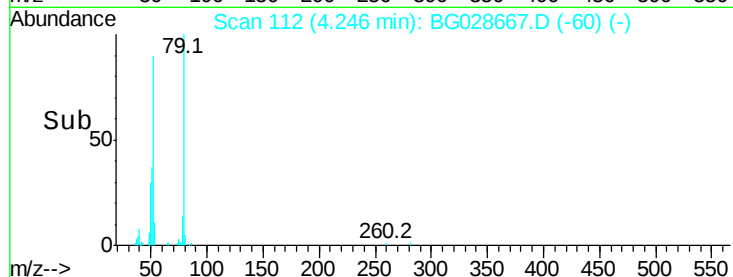
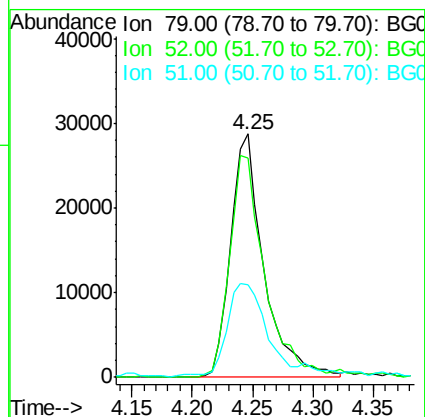
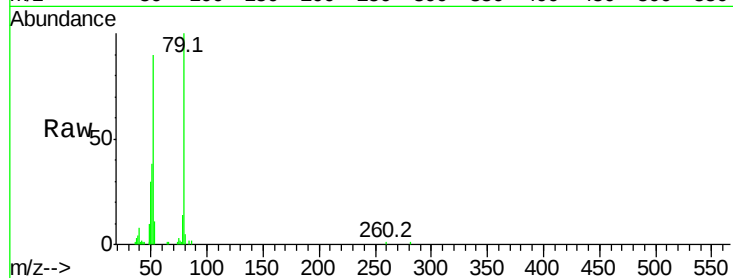
Tot Ion: 79 Resp: 55065

Ion Ratio Lower Upper

79 100

52 90.2 77.8 116.6

51 38.2 43.2 64.8#



#4

n-Nitrosodimethylamine

Concen: 21.130 ng

RT: 4.15 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

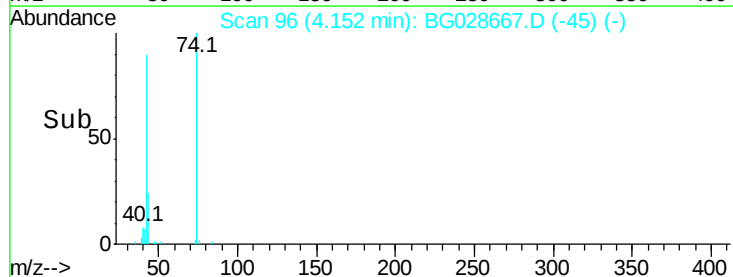
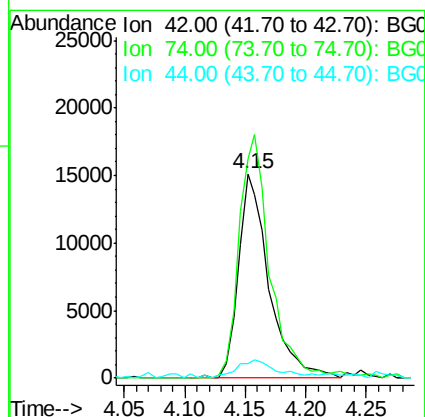
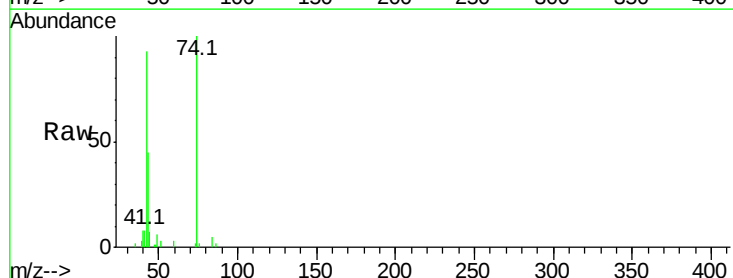
Tgt Ion: 42 Resp: 26548

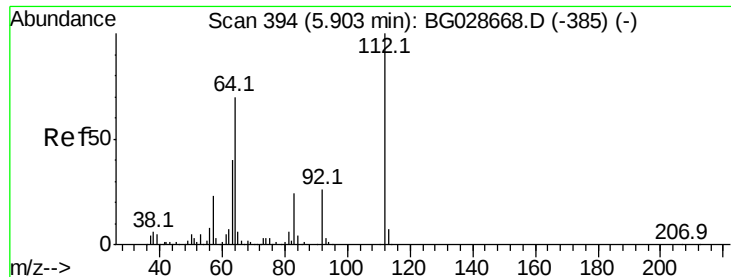
Ion Ratio Lower Upper

42 100

74 107.5 76.7 115.1

44 7.4 6.1 9.1





#5

2-Fluorophenol

Concen: 47.808 ng

RT: 5.90 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

Instrument :

BNA\_G

ClientSampleId :

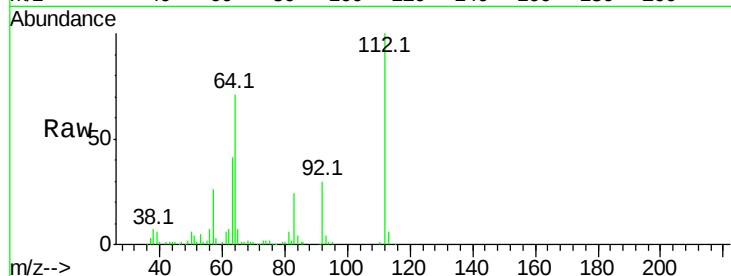
Tot Ion:112 Resp: 99231

Ion Ratio Lower Upper

112 100

64 71.0 61.8 92.6

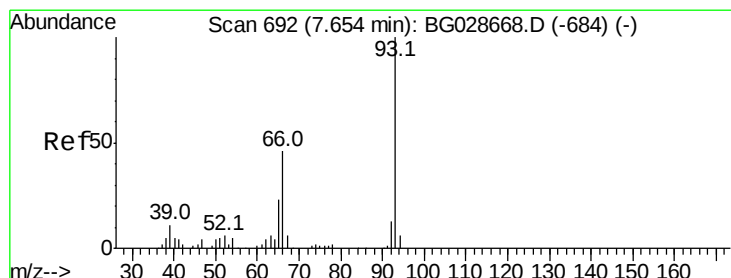
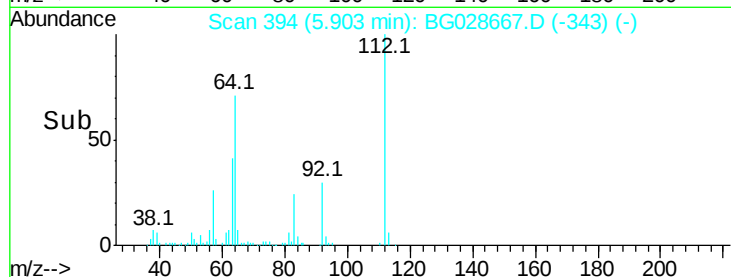
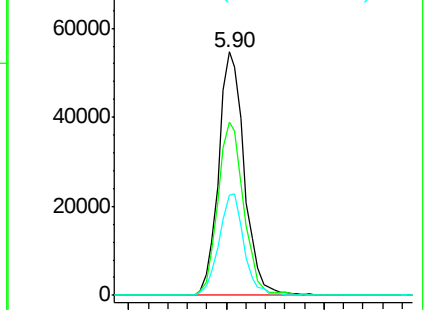
63 41.3 37.2 55.8



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: 22.394 ng

RT: 7.65 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

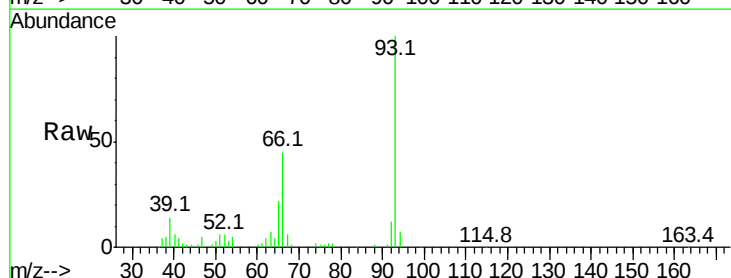
Tgt Ion: 93 Resp: 86319

Ion Ratio Lower Upper

93 100

66 44.9 35.4 53.2

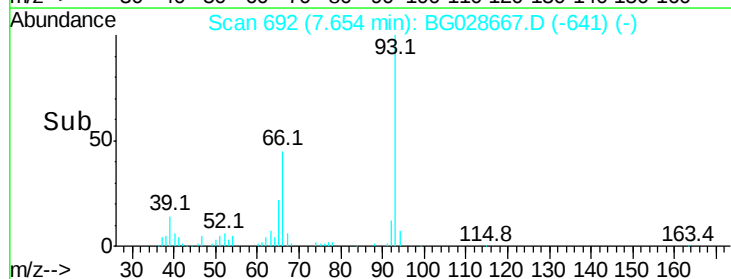
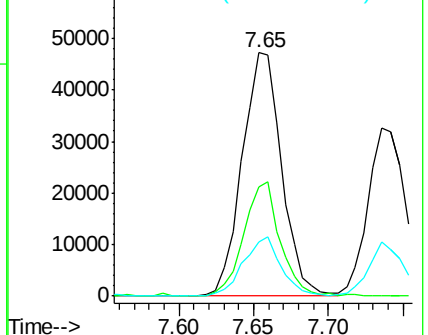
65 22.5 21.2 31.8

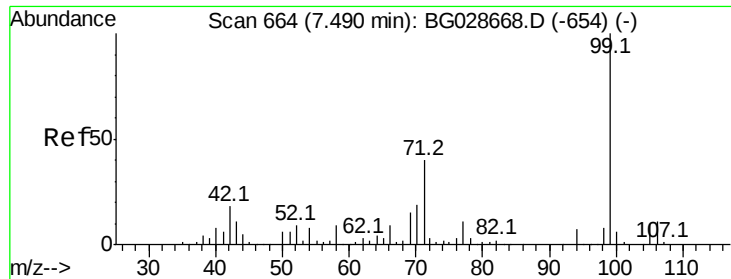


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 49.844 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

Instrument :

BNA\_G

ClientSampled :

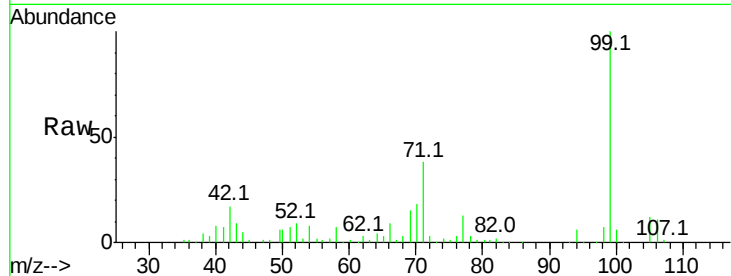
Tot Ion: 99 Resp: 150062

Ion Ratio Lower Upper

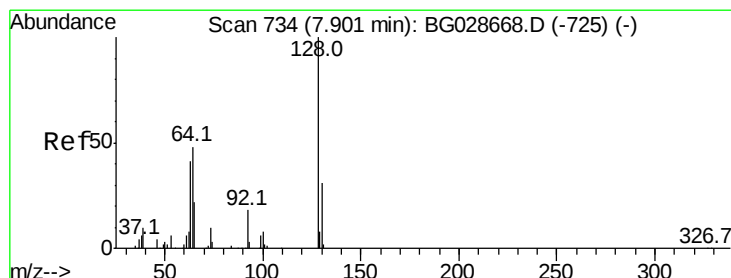
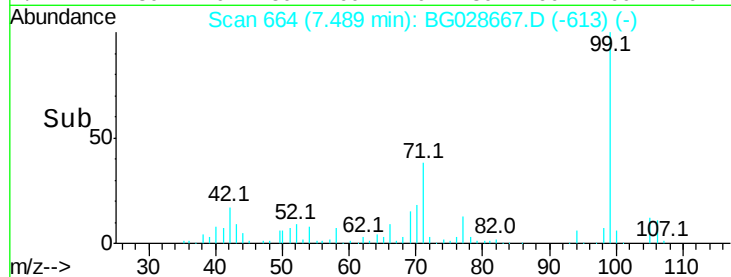
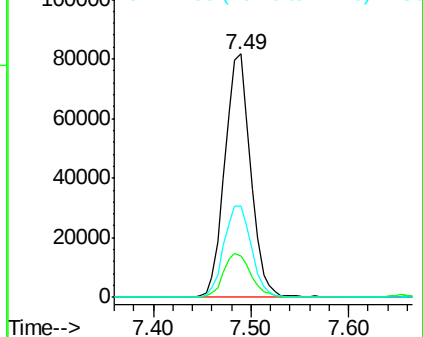
99 100

42 17.2 20.5 30.7#

71 37.7 37.6 56.4



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: 23.926 ng

RT: 7.89 min Scan# 733

Delta R.T. -0.01 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

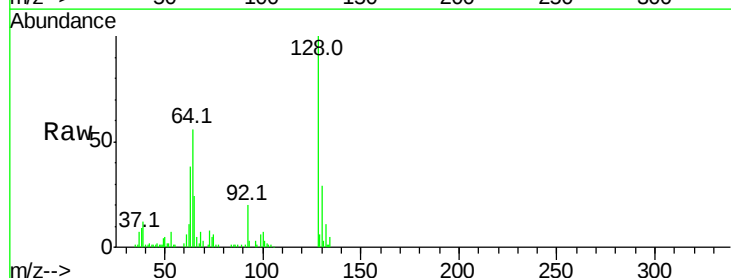
Tgt Ion:128 Resp: 56059

Ion Ratio Lower Upper

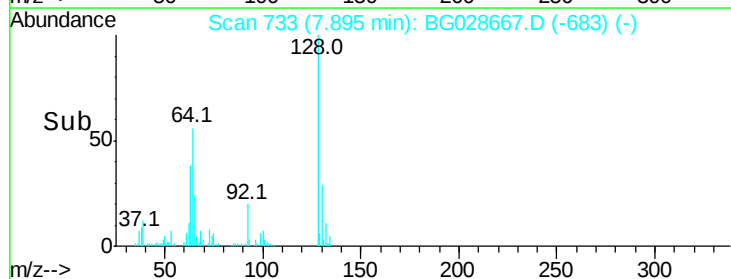
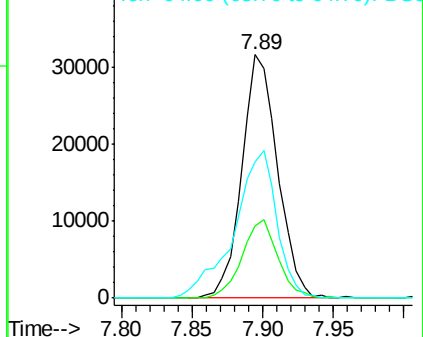
128 100

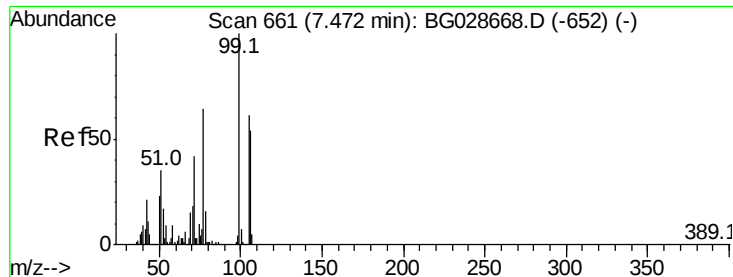
130 29.4 11.4 51.4

64 55.7 46.6 86.6



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: 27.339 ng

RT: 7.47 min Scan# 661

Delta R.T. -0.00 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

Instrument :

BNA\_G

ClientSampled :

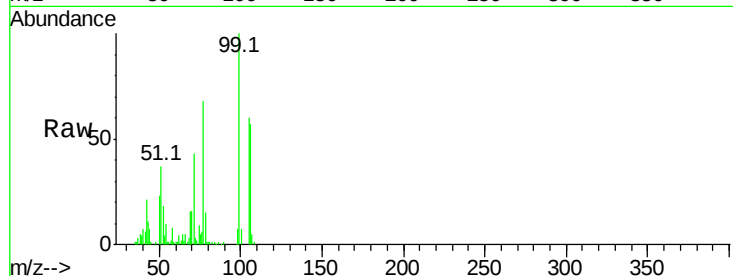
Tot Ion: 77 Resp: 48571

Ion Ratio Lower Upper

77 100

105 87.7 60.9 100.9

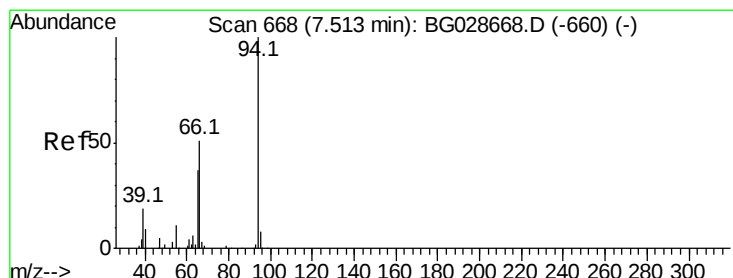
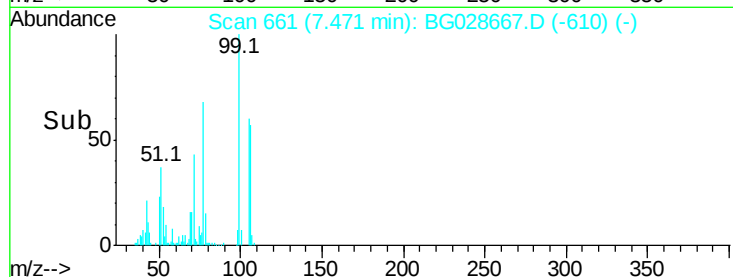
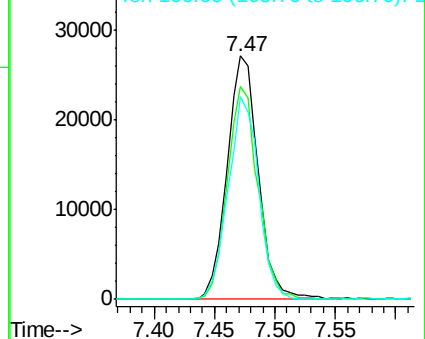
106 83.1 55.1 95.1



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: 24.040 ng

RT: 7.51 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

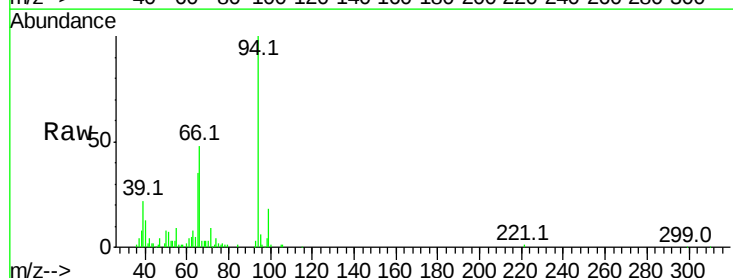
Tgt Ion: 94 Resp: 78396

Ion Ratio Lower Upper

94 100

65 34.9 20.6 60.6

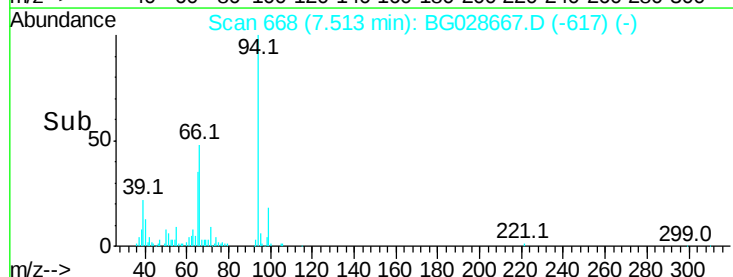
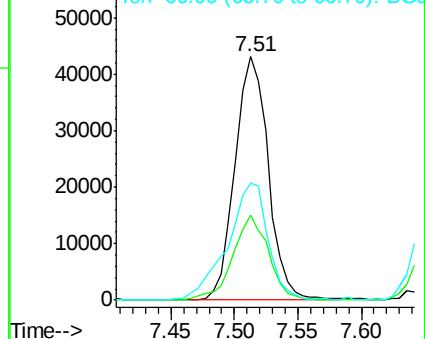
66 47.8 35.5 75.5

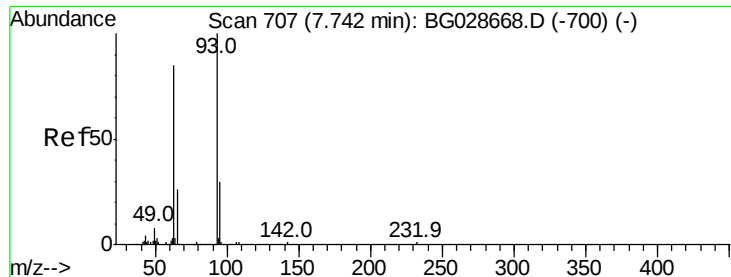


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

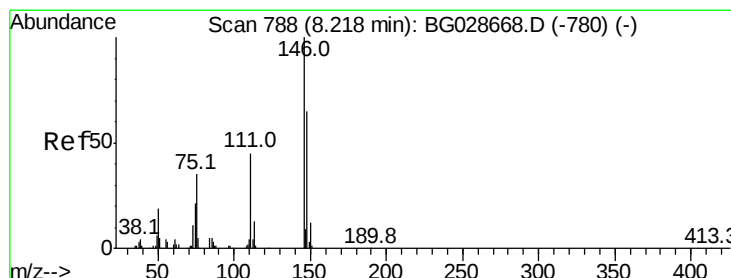
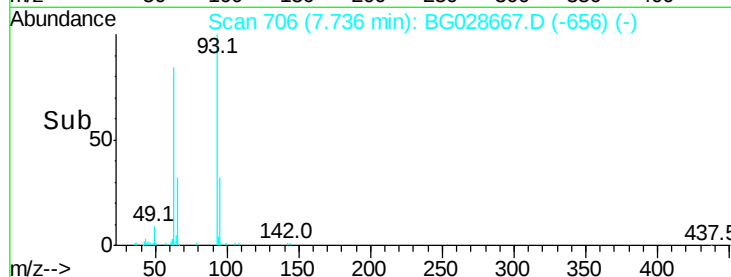
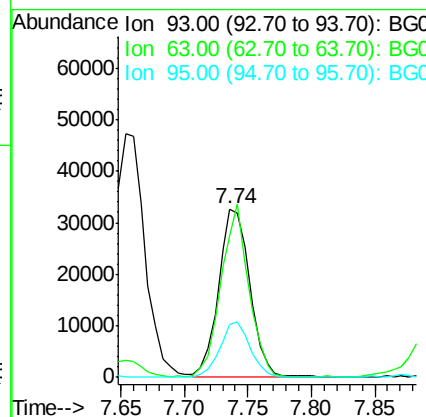
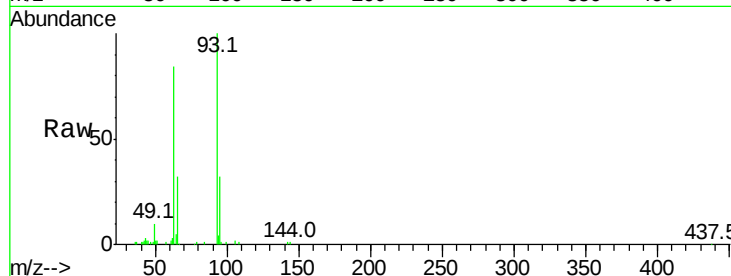




#11  
bis(2-Chloroethyl)ether  
Concen: 23.535 ng  
RT: 7.74 min Scan# 706  
Delta R.T. -0.01 min  
Lab File: BG028667.D  
Acq: 12 Sep 2017 13:17

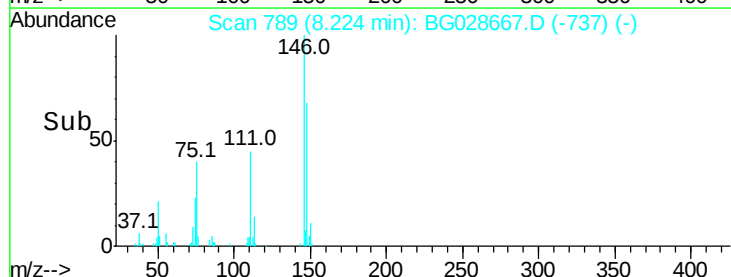
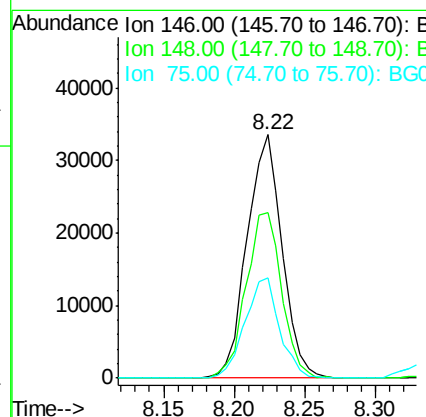
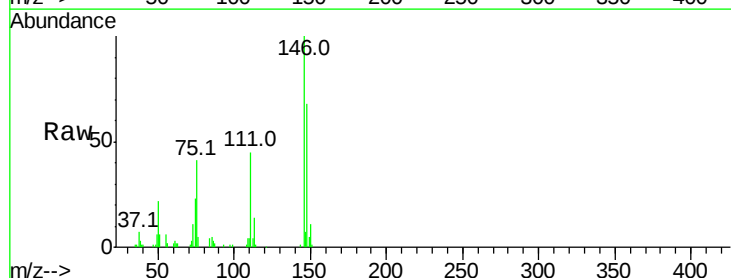
Instrument :  
BNA\_G  
ClientSampleId :

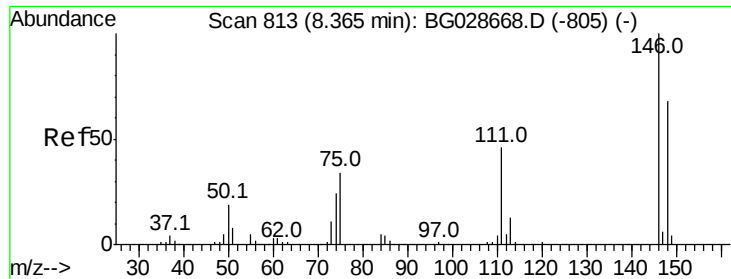
Tot Ion: 93 Resp: 56431  
Ion Ratio Lower Upper  
93 100  
63 83.5 78.5 118.5  
95 31.7 9.8 49.8



#12  
1,3-Dichlorobenzene  
Concen: 21.211 ng  
RT: 8.22 min Scan# 789  
Delta R.T. 0.01 min  
Lab File: BG028667.D  
Acq: 12 Sep 2017 13:17

Tgt Ion: 146 Resp: 58198  
Ion Ratio Lower Upper  
146 100  
148 67.9 49.2 73.8  
75 41.4 33.4 50.2

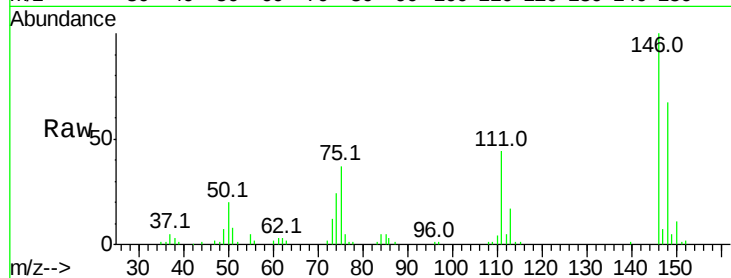




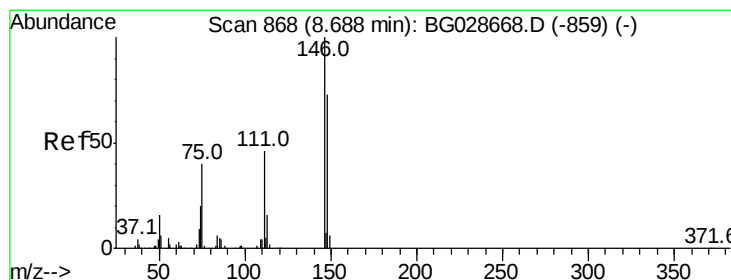
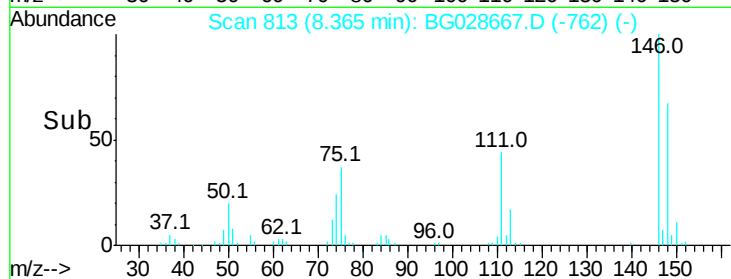
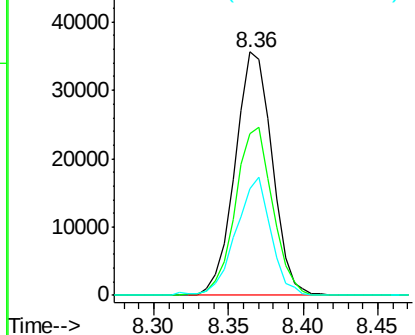
#13  
 1,4-Dichlorobenzene  
 Concen: 22.739 ng  
 RT: 8.36 min Scan# 813  
 Delta R.T. -0.00 min  
 Lab File: BG028667.D  
 Acq: 12 Sep 2017 13:17

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:146 Resp: 61516  
 Ion Ratio Lower Upper  
 146 100  
 148 66.6 52.2 78.2  
 111 43.9 37.0 55.6

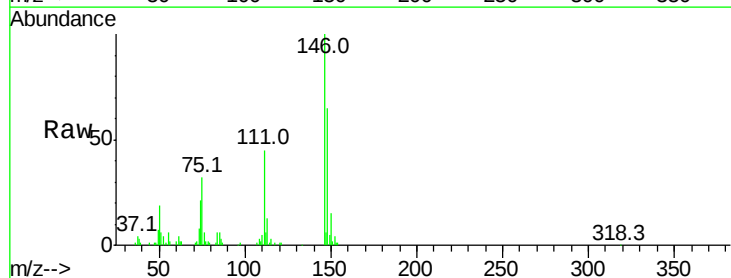


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

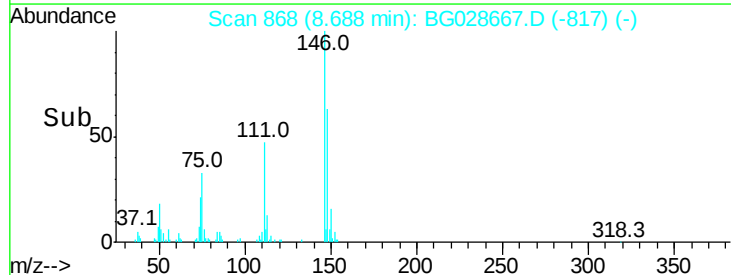
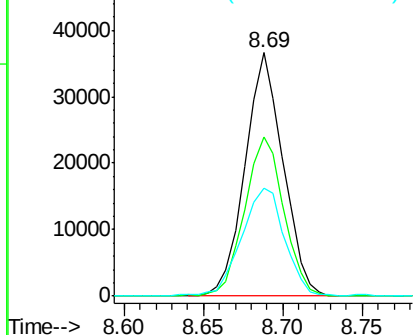


#14  
 1,2-Dichlorobenzene  
 Concen: 22.939 ng  
 RT: 8.69 min Scan# 868  
 Delta R.T. -0.00 min  
 Lab File: BG028667.D  
 Acq: 12 Sep 2017 13:17

Tgt Ion:146 Resp: 60984  
 Ion Ratio Lower Upper  
 146 100  
 148 65.2 54.6 81.8  
 111 44.6 39.7 59.5



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





#15

Benzyl Alcohol

Concen: 24.396 ng

RT: 8.57 min Scan# 848

Delta R.T. 0.01 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

Instrument :

BNA\_G

ClientSampleId :

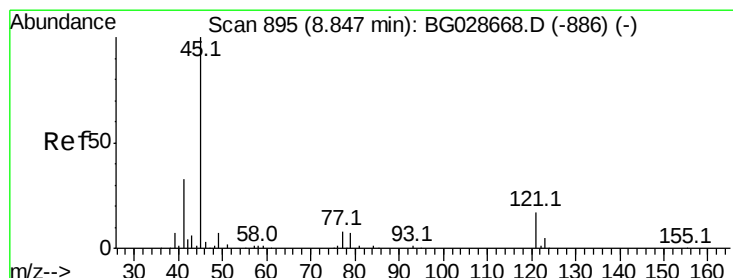
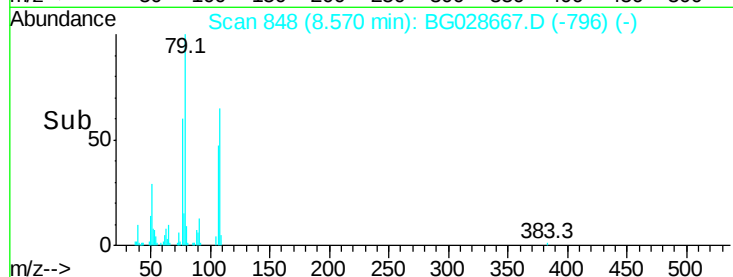
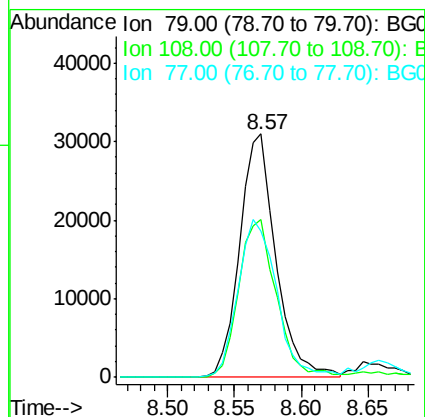
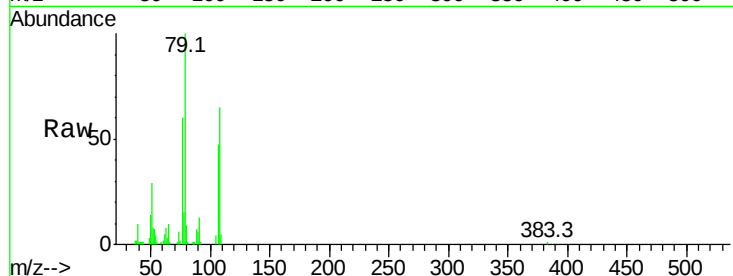
Tot Ion: 79 Resp: 58221

Ion Ratio Lower Upper

79 100

108 64.8 45.5 68.3

77 60.2 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.496 ng

RT: 8.85 min Scan# 895

Delta R.T. -0.00 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

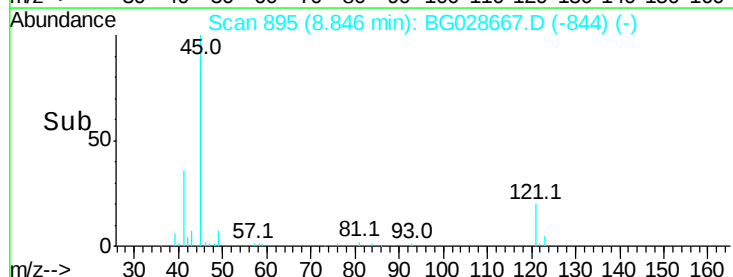
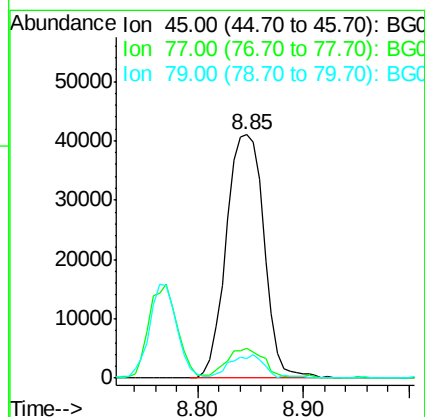
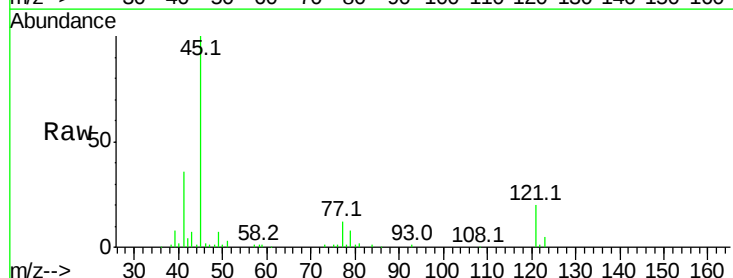
Tgt Ion: 45 Resp: 101325

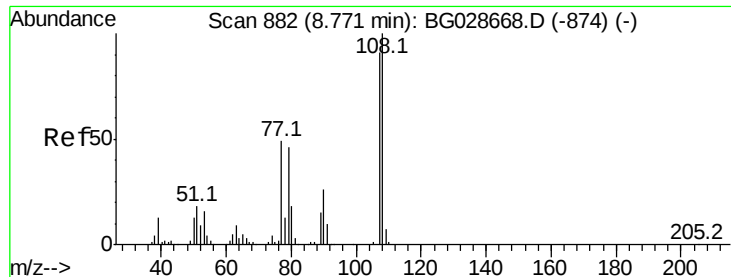
Ion Ratio Lower Upper

45 100

77 12.3 0.0 30.6

79 8.3 0.0 28.5

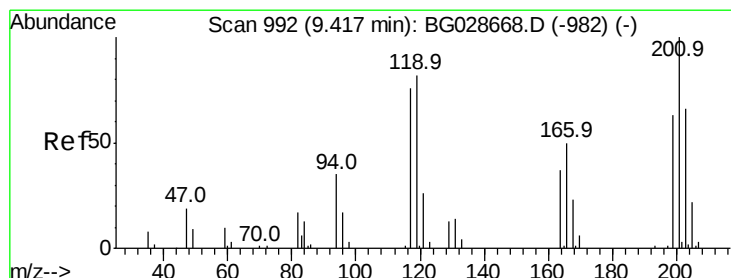
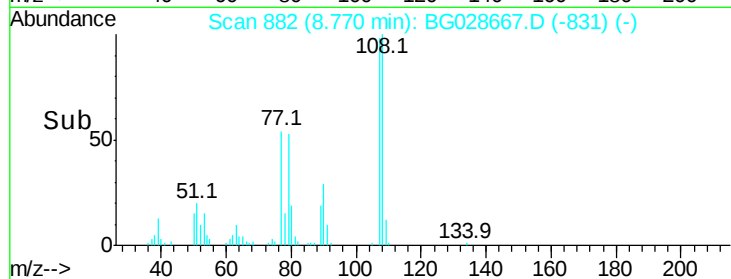
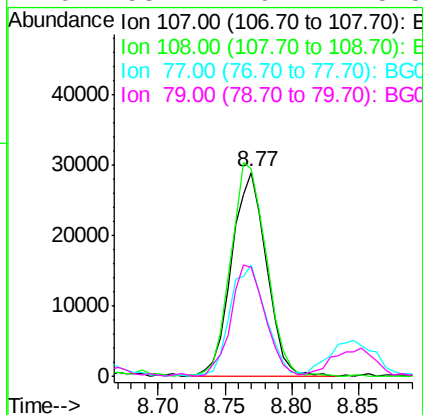
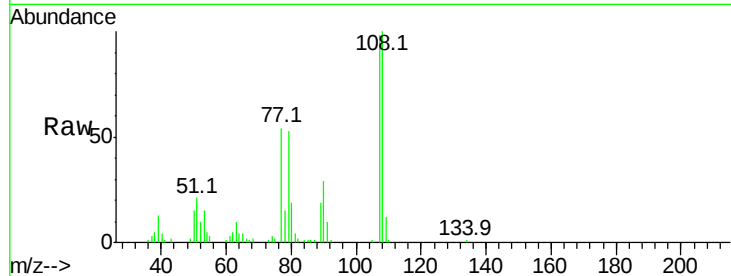




#17  
2-Methylphenol  
Concen: 25.101 ng  
RT: 8.77 min Scan# 882  
Delta R.T. -0.00 min  
Lab File: BG028667.D  
Acq: 12 Sep 2017 13:17

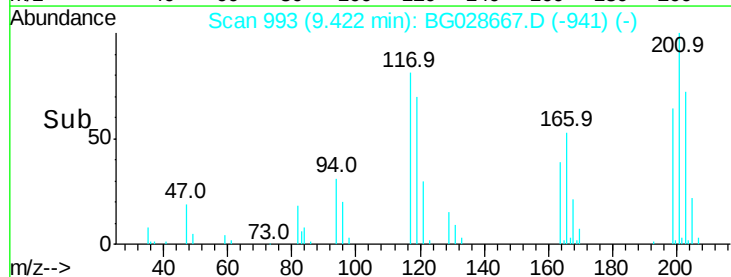
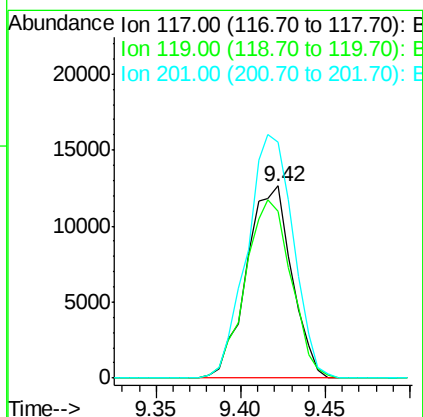
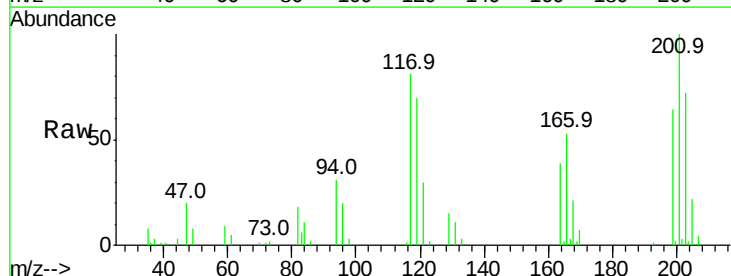
Instrument :  
BNA\_G  
ClientSampleId :

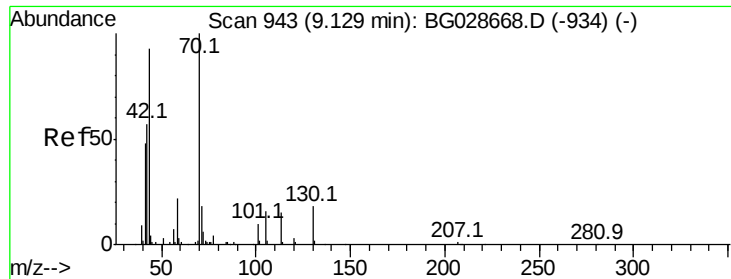
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 101.7 | 85.6  | 128.4 |
| 77      | 54.4  | 51.4  | 77.2  |
| 79      | 53.7  | 49.2  | 73.8  |



#18  
Hexachloroethane  
Concen: 22.015 ng  
RT: 9.42 min Scan# 993  
Delta R.T. 0.01 min  
Lab File: BG028667.D  
Acq: 12 Sep 2017 13:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 86.7  | 69.8  | 104.6 |
| 201     | 123.1 | 95.4  | 143.0 |

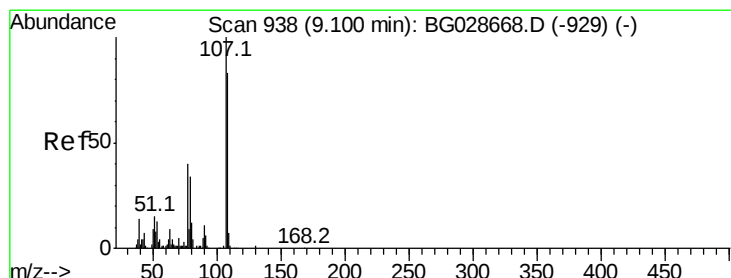
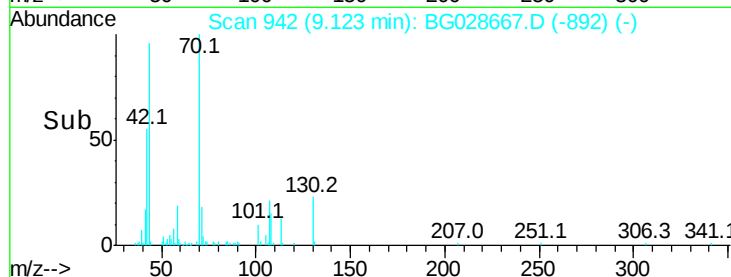
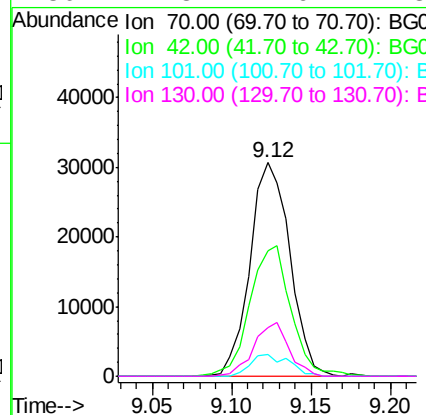
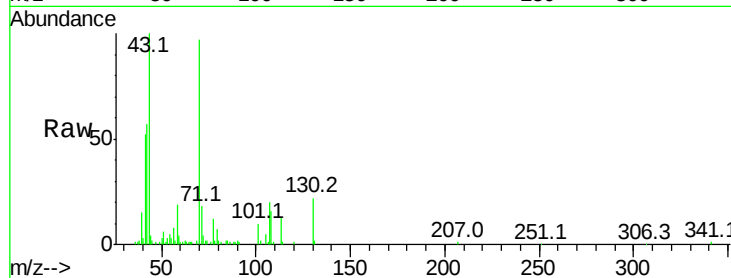




#19  
 n-Nitroso-di-n-propylamine  
 Concen: 22.505 ng  
 RT: 9.12 min Scan# 942  
 Delta R.T. -0.01 min  
 Lab File: BG028667.D  
 Acq: 12 Sep 2017 13:17

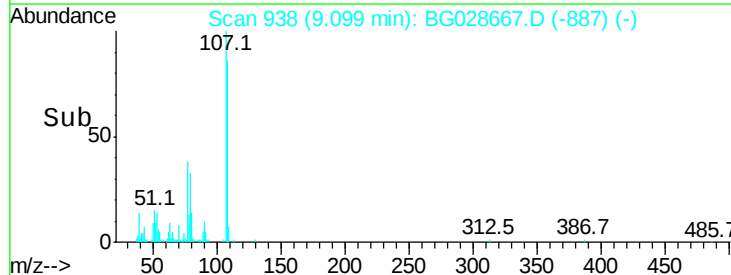
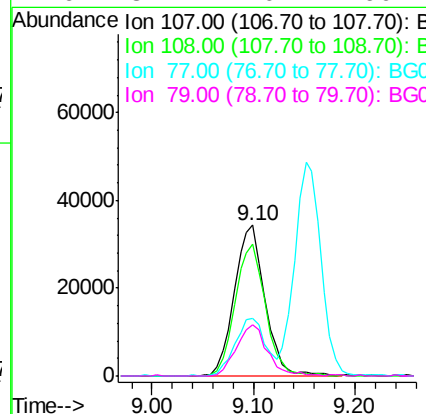
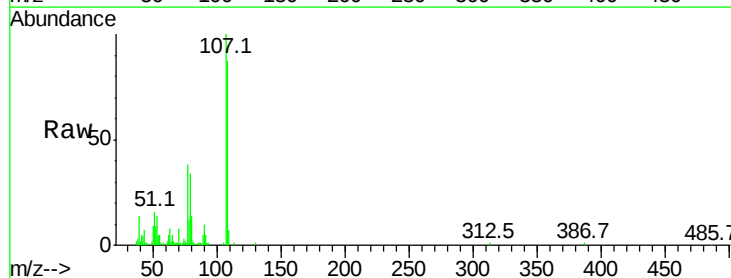
Instrument :  
 BNA\_G  
 ClientSampleId :

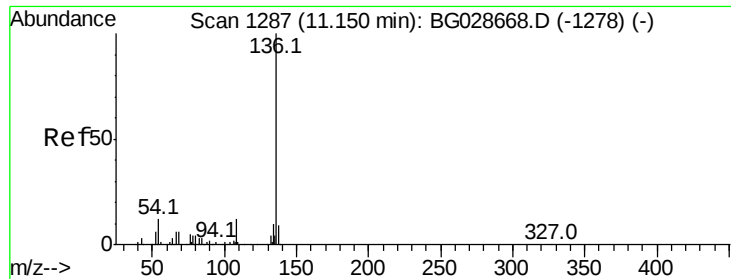
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 70    | Resp: | 53575 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 58.9  | 56.1  | 84.1  |
| 101      | 10.3  | 7.5   | 11.3  |
| 130      | 22.8  | 14.6  | 21.8# |



#20  
 3+4-Methylphenols  
 Concen: 24.864 ng  
 RT: 9.10 min Scan# 938  
 Delta R.T. -0.00 min  
 Lab File: BG028667.D  
 Acq: 12 Sep 2017 13:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 71999 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 87.3  | 70.8  | 110.8 |
| 77       | 38.4  | 25.8  | 65.8  |
| 79       | 34.2  | 20.1  | 60.1  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.15 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:136 Resp: 142830

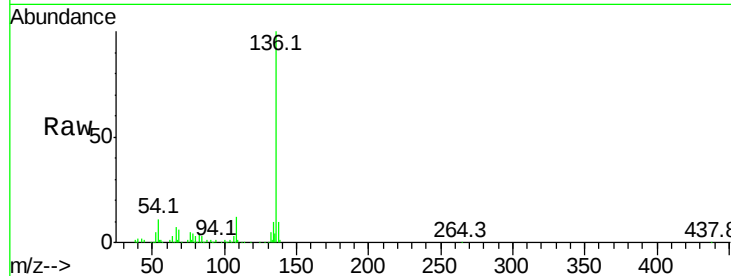
Ion Ratio Lower Upper

136 100

137 9.9 8.9 13.3

54 11.3 9.3 13.9

68 6.1 5.1 7.7

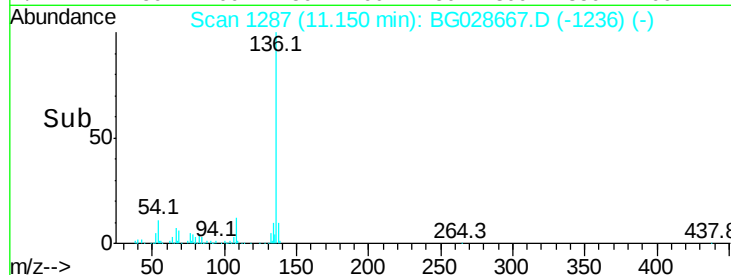


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

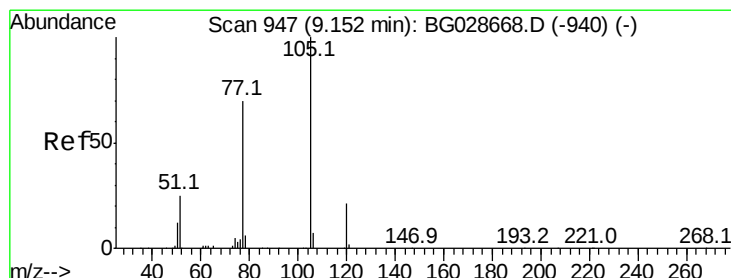
Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



Time-->

11.15



#22

Acetophenone

Concen: 25.972 ng

RT: 9.16 min Scan# 948

Delta R.T. 0.01 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

Tgt Ion:105 Resp: 103055

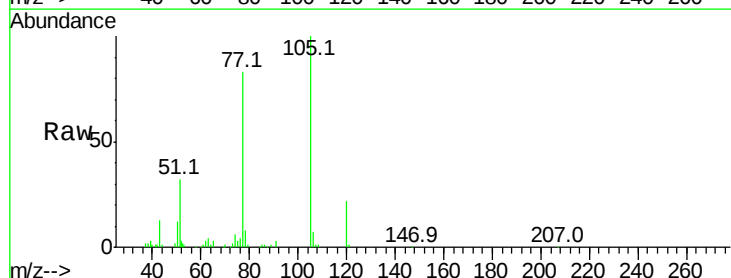
Ion Ratio Lower Upper

105 100

71 0.0 0.9 1.3#

51 31.8 34.0 51.0#

120 22.1 17.3 25.9

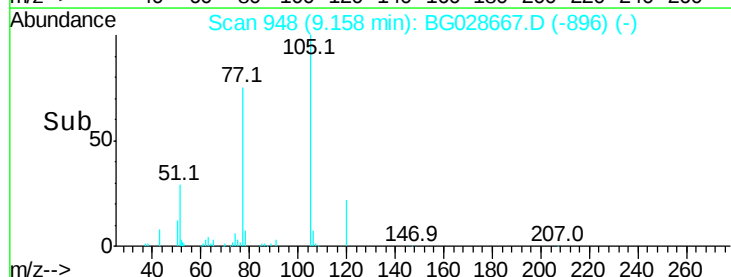


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

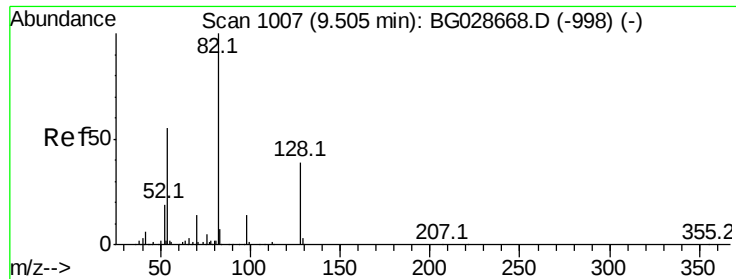
Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E



Time-->

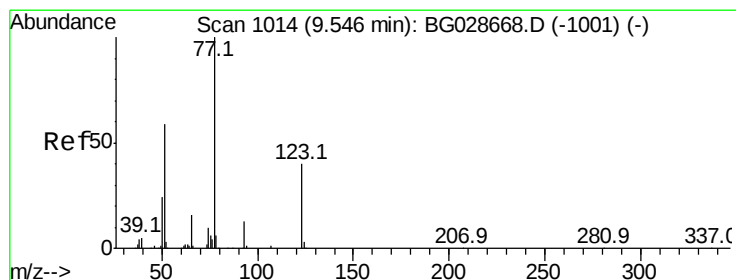
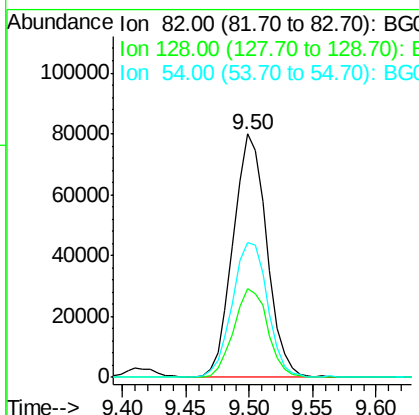
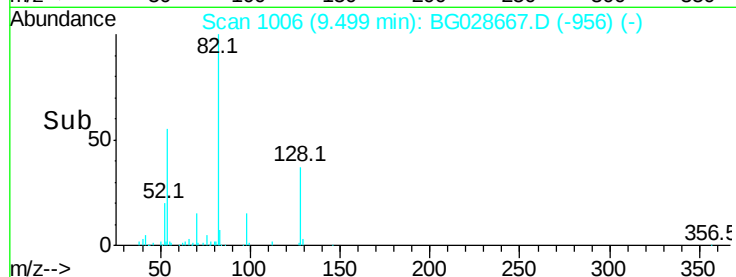
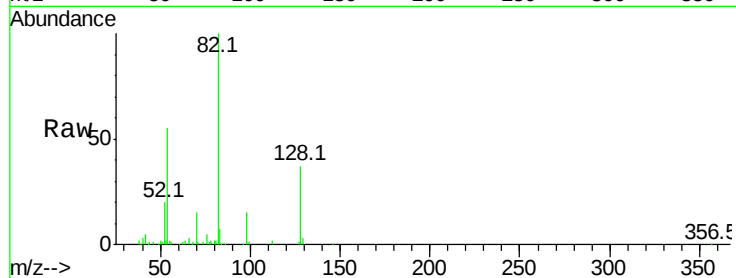
9.16



#23  
Nitrobenzene-d5  
Concen: 47.324 ng  
RT: 9.50 min Scan# 1006  
Delta R.T. -0.01 min  
Lab File: BG028667.D  
Acq: 12 Sep 2017 13:17

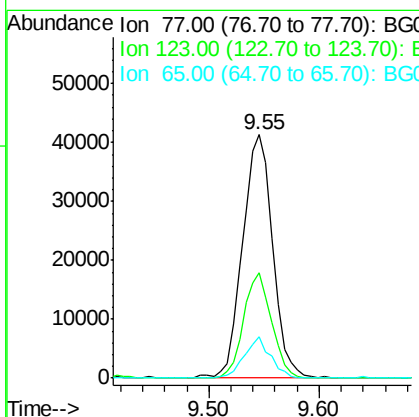
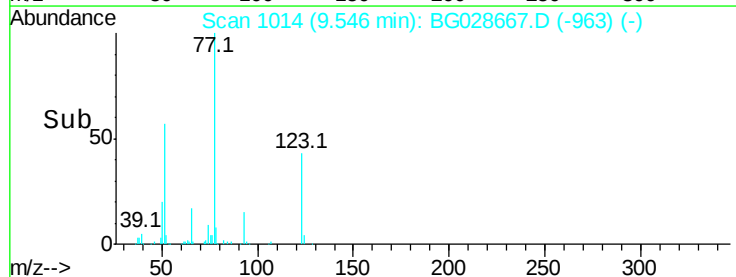
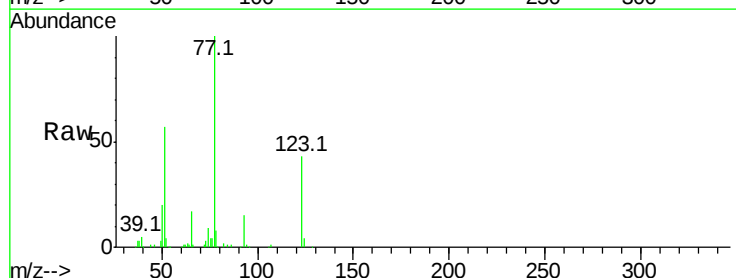
Instrument :  
BNA\_G  
ClientSampleId :

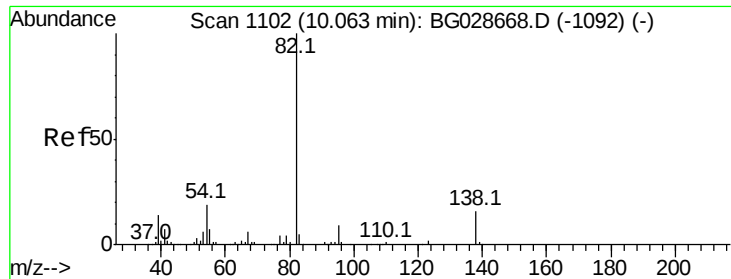
Tot Ion: 82 Resp: 147203  
Ion Ratio Lower Upper  
82 100  
128 36.5 26.4 39.6  
54 55.2 49.4 74.2



#24  
Nitrobenzene  
Concen: 24.095 ng  
RT: 9.55 min Scan# 1014  
Delta R.T. -0.00 min  
Lab File: BG028667.D  
Acq: 12 Sep 2017 13:17

Tgt Ion: 77 Resp: 79178  
Ion Ratio Lower Upper  
77 100  
123 43.2 26.1 39.1#  
65 16.9 12.4 18.6





#25

Isophorone

Concen: 25.869 ng

RT: 10.06 min Scan# 1102

Delta R.T. -0.00 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

Instrument :

BNA\_G

ClientSampled :

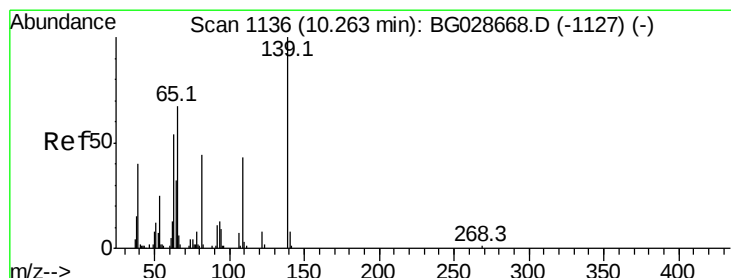
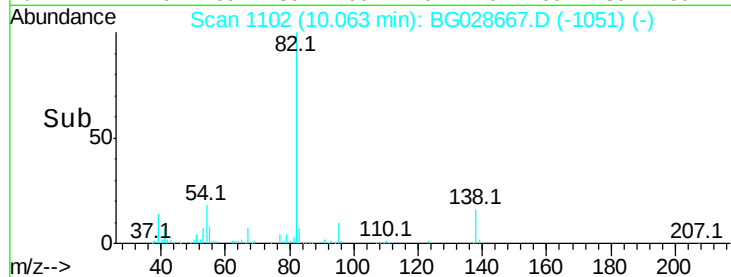
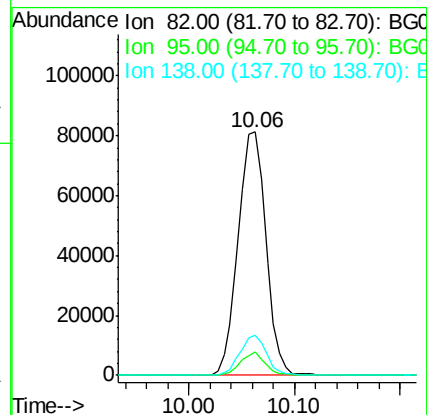
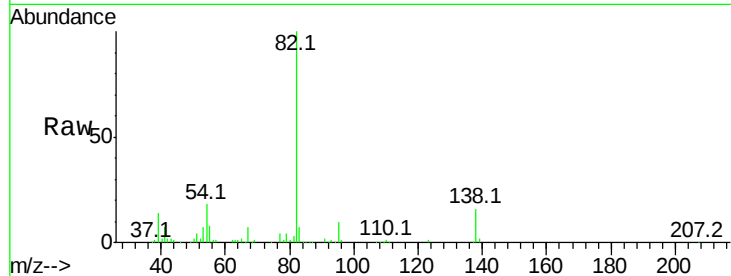
Tot Ion: 82 Resp: 148168

Ion Ratio Lower Upper

82 100

95 9.5 7.5 11.3

138 16.5 12.3 18.5



#26

2-Nitrophenol

Concen: 24.202 ng

RT: 10.26 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

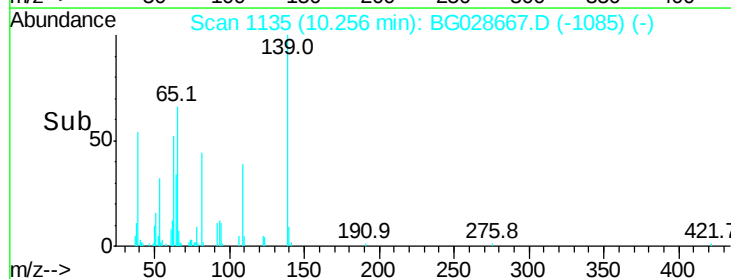
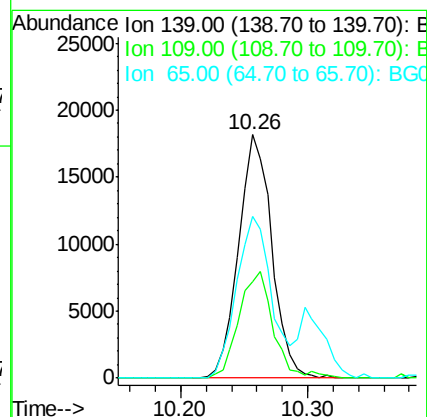
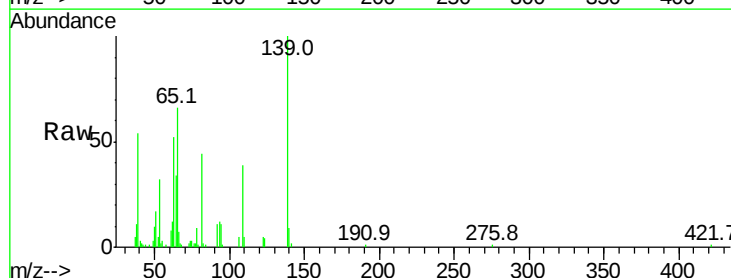
Tgt Ion: 139 Resp: 32982

Ion Ratio Lower Upper

139 100

109 39.3 38.6 58.0

65 66.5 57.1 85.7

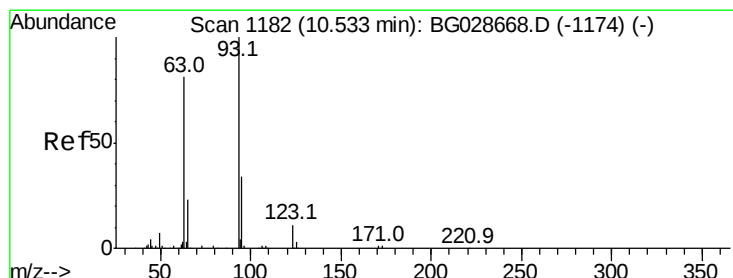
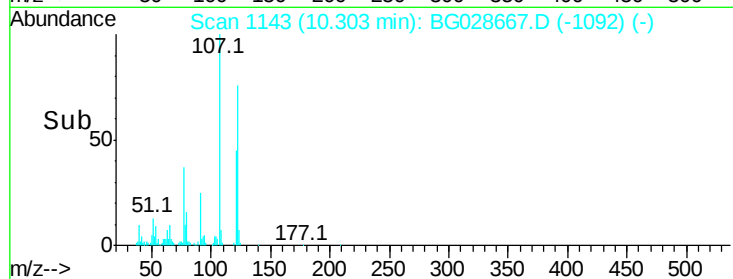
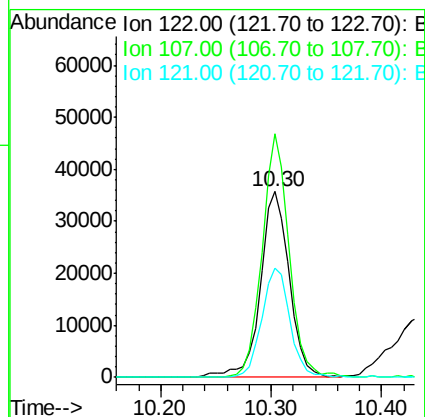
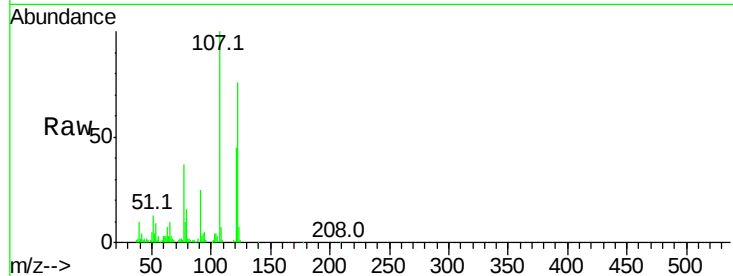




#27  
 2,4-Dimethylphenol  
 Concen: 26.540 ng  
 RT: 10.30 min Scan# 1143  
 Delta R.T. -0.00 min  
 Lab File: BG028667.D  
 Acq: 12 Sep 2017 13:17

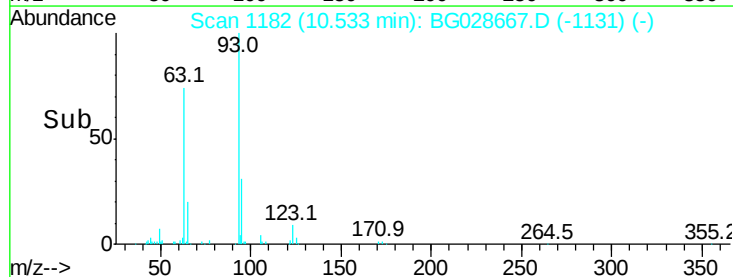
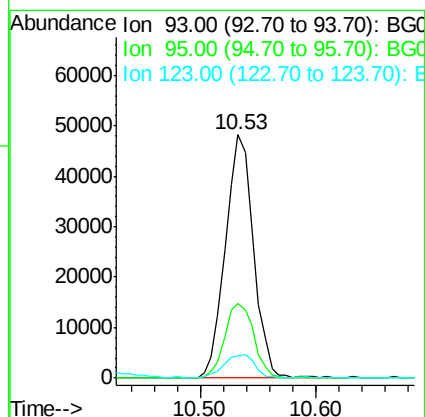
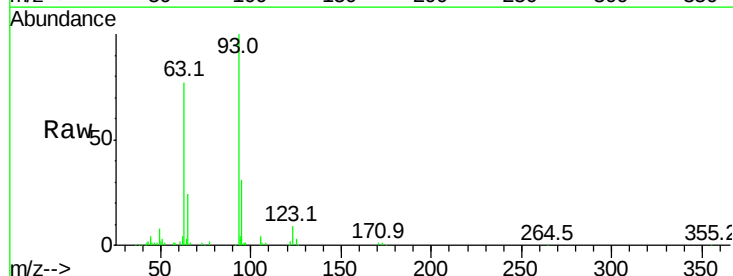
Instrument :  
 BNA\_G  
 ClientSampleId :

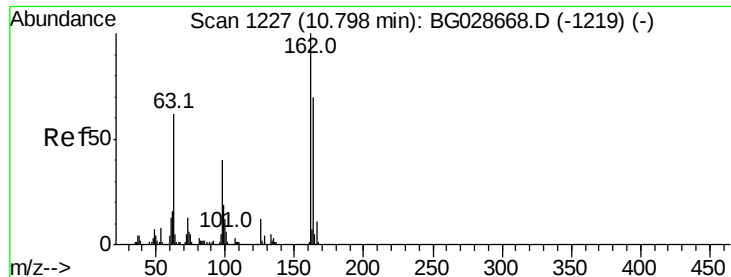
Tot Ion:122 Resp: 65324  
 Ion Ratio Lower Upper  
 122 100  
 107 131.0 104.2 156.4  
 121 58.6 46.0 69.0



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 23.752 ng  
 RT: 10.53 min Scan# 1182  
 Delta R.T. -0.00 min  
 Lab File: BG028667.D  
 Acq: 12 Sep 2017 13:17

Tgt Ion: 93 Resp: 81187  
 Ion Ratio Lower Upper  
 93 100  
 95 30.9 25.7 38.5  
 123 9.0 8.3 12.5

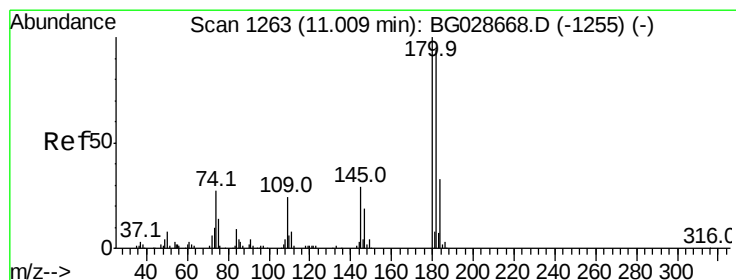
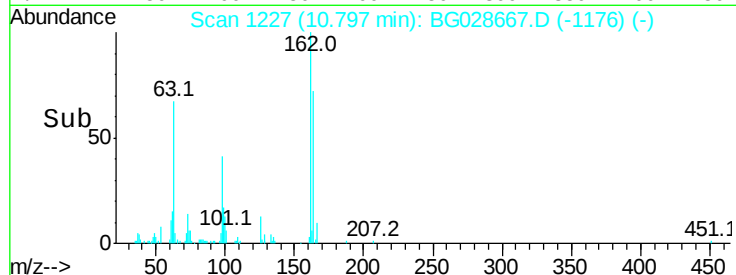
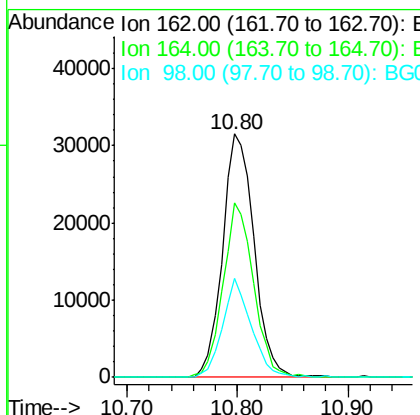
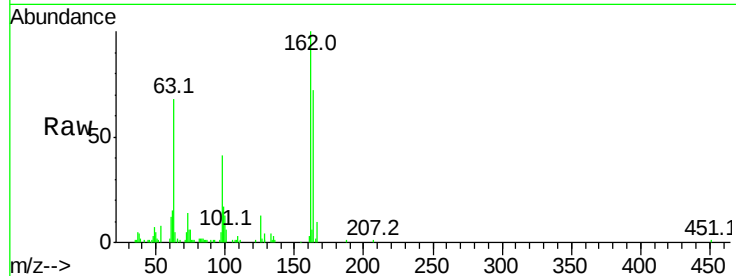




#29  
 2,4-Dichlorophenol  
 Concen: 26.111 ng  
 RT: 10.80 min Scan# 1227  
 Delta R.T. -0.00 min  
 Lab File: BG028667.D  
 Acq: 12 Sep 2017 13:17

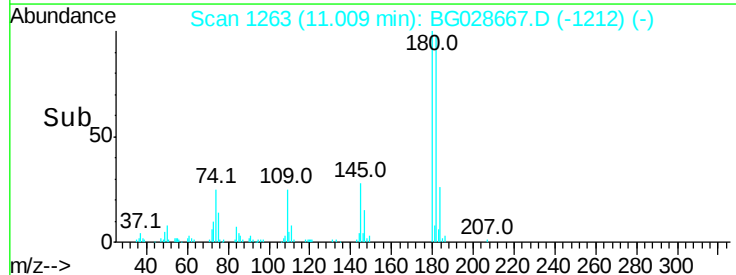
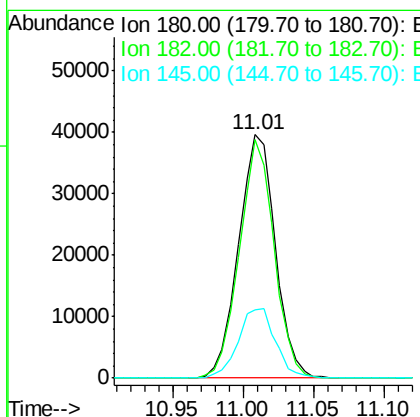
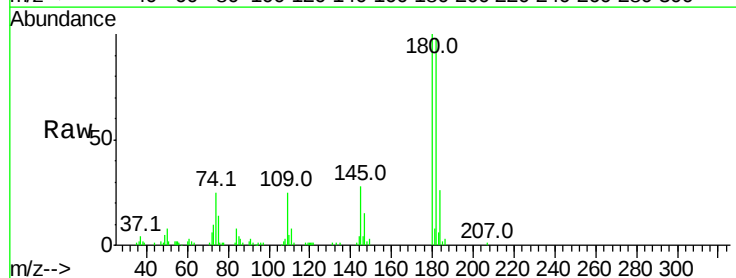
Instrument :  
 BNA\_G  
 ClientSampleId :

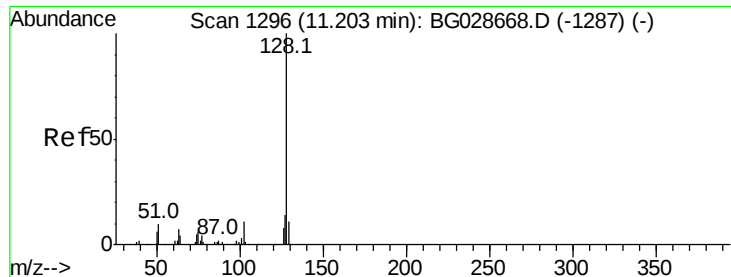
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 71.7  | 42.4  | 82.4  |
| 98      | 40.6  | 20.3  | 60.3  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 24.210 ng  
 RT: 11.01 min Scan# 1263  
 Delta R.T. -0.00 min  
 Lab File: BG028667.D  
 Acq: 12 Sep 2017 13:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.8  | 77.0  | 115.4 |
| 145     | 28.0  | 23.4  | 35.0  |

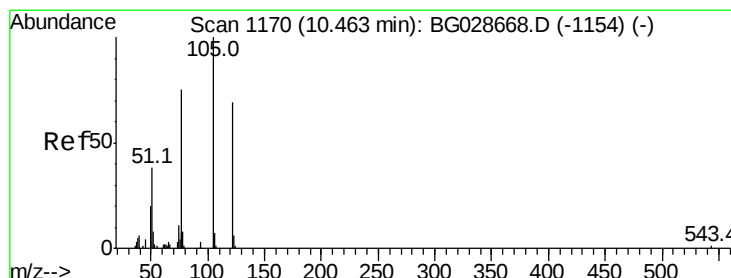
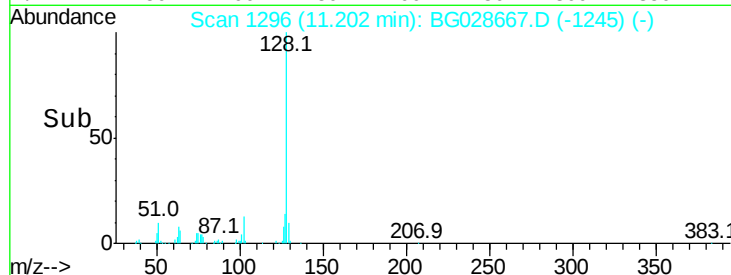
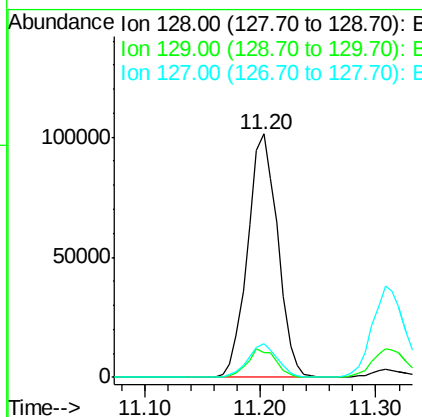
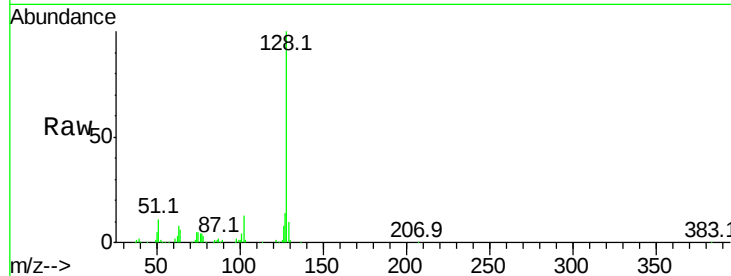




#31  
Naphthalene  
Concen: 23.716 ng  
RT: 11.20 min Scan# 1296  
Delta R.T. -0.00 min  
Lab File: BG028667.D  
Acq: 12 Sep 2017 13:17

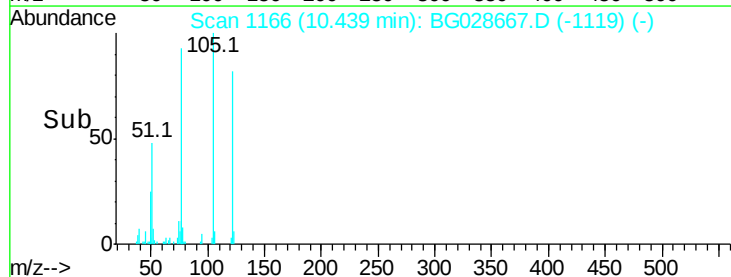
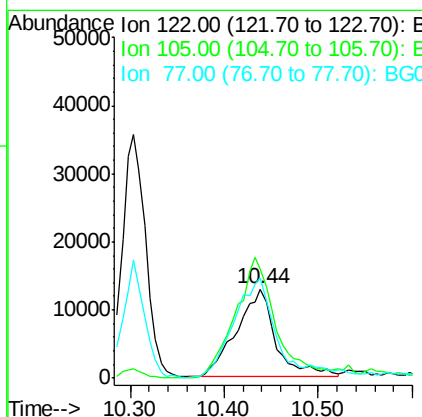
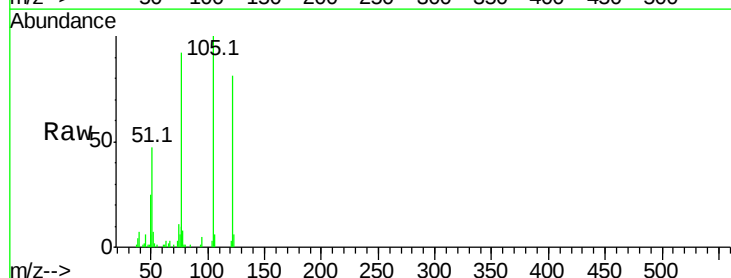
Instrument :  
BNA\_G  
ClientSampleId :

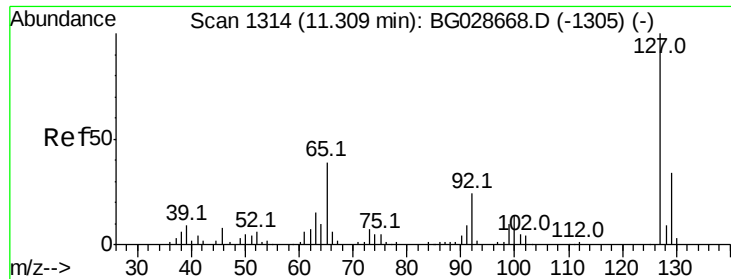
Tot Ion:128 Resp: 183870  
Ion Ratio Lower Upper  
128 100  
129 10.0 9.3 13.9  
127 14.0 11.4 17.0



#32  
Benzoic acid  
Concen: 24.132 ng  
RT: 10.44 min Scan# 1166  
Delta R.T. -0.02 min  
Lab File: BG028667.D  
Acq: 12 Sep 2017 13:17

Tgt Ion:122 Resp: 37422  
Ion Ratio Lower Upper  
122 100  
105 122.9 120.1 160.1  
77 113.1 104.6 144.6

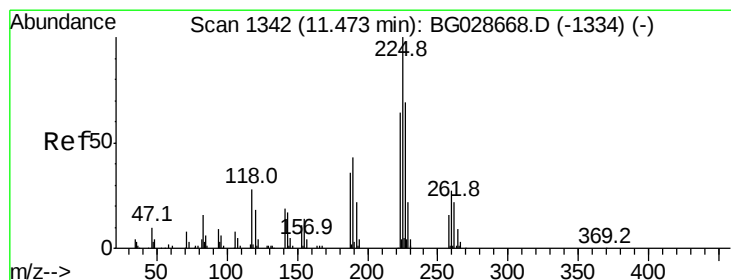
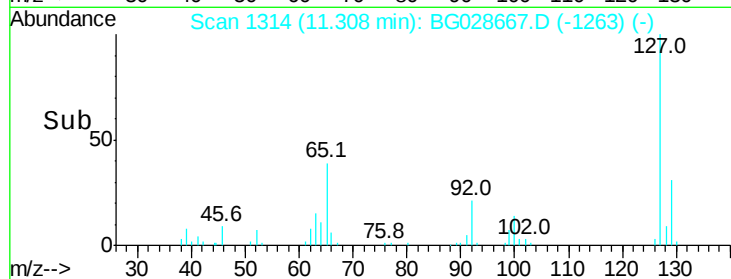
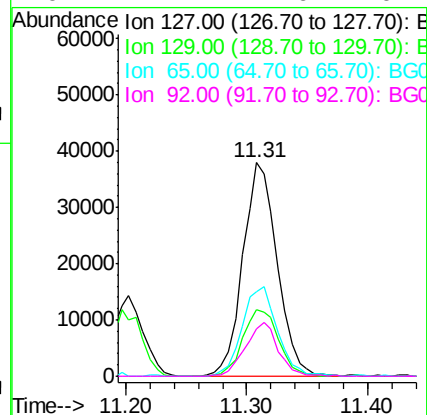
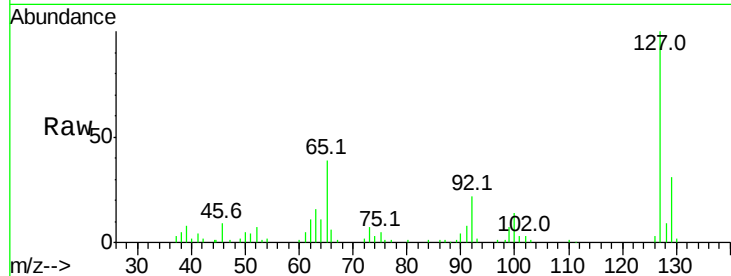




#33  
 4-Chloroaniline  
 Concen: 23.017 ng  
 RT: 11.31 min Scan# 1314  
 Delta R.T. -0.00 min  
 Lab File: BG028667.D  
 Acq: 12 Sep 2017 13:17

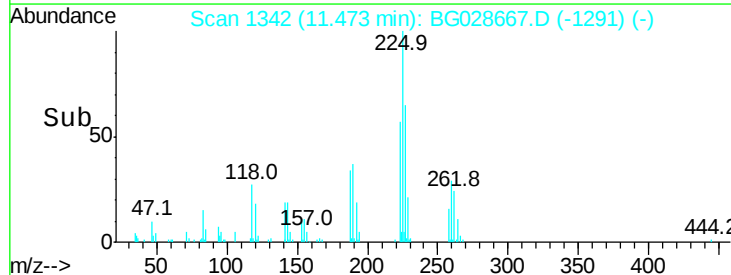
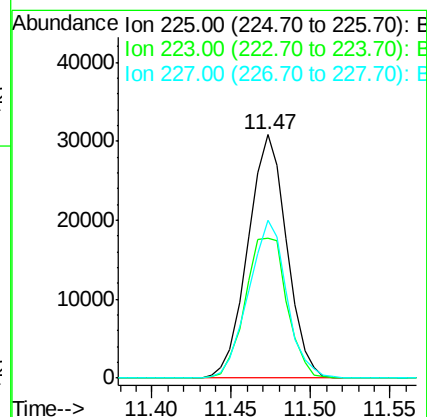
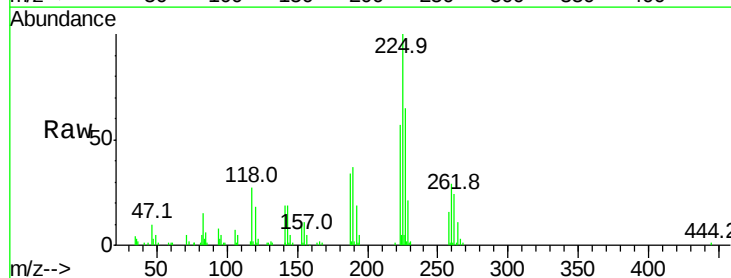
Instrument :  
 BNA\_G  
 ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 75228 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 31.3  | 23.6  | 35.4  |
| 65       | 39.5  | 37.7  | 56.5  |
| 92       | 22.1  | 17.6  | 26.4  |



#34  
 Hexachlorobutadiene  
 Concen: 24.412 ng  
 RT: 11.47 min Scan# 1342  
 Delta R.T. -0.00 min  
 Lab File: BG028667.D  
 Acq: 12 Sep 2017 13:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 52448 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 57.3  | 50.7  | 76.1  |
| 227      | 64.9  | 49.0  | 73.6  |

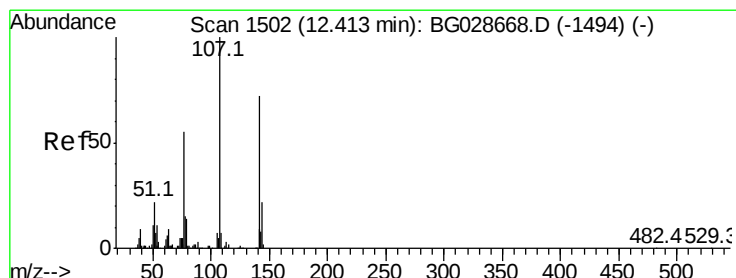
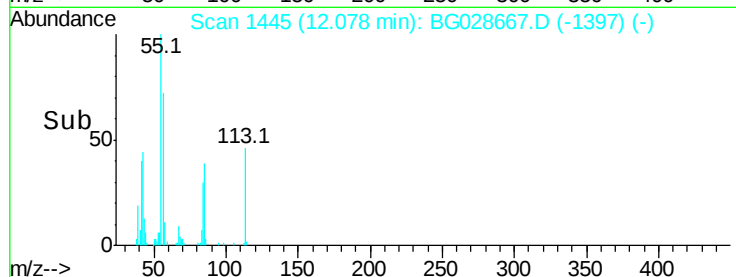
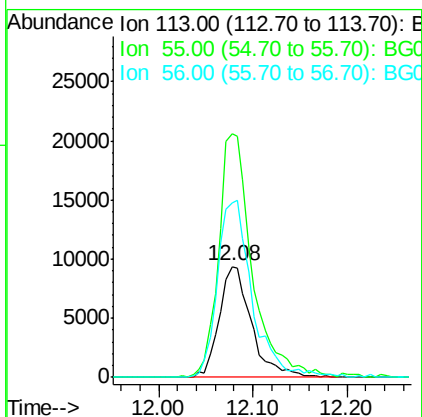
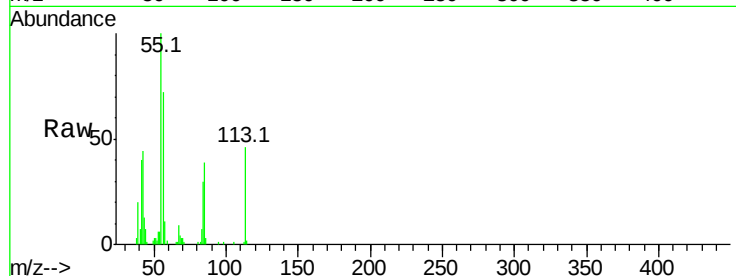




#35  
 Caprolactam  
 Concen: 24.525 ng  
 RT: 12.08 min Scan# 1445  
 Delta R.T. -0.02 min  
 Lab File: BG028667.D  
 Acq: 12 Sep 2017 13:17

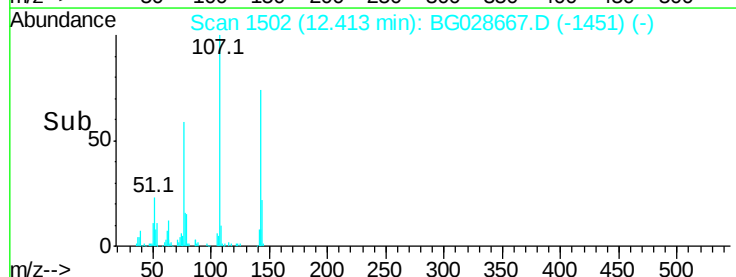
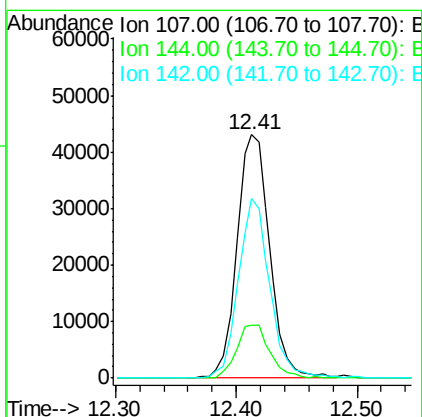
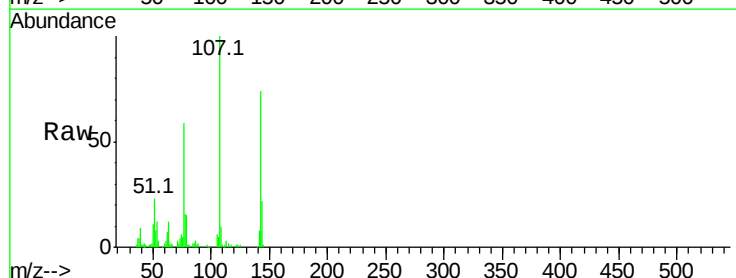
Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:113 Resp: 22432  
 Ion Ratio Lower Upper  
 113 100  
 55 219.4 198.6 238.6  
 56 157.2 140.4 180.4



#36  
 4-Chloro-3-methylphenol  
 Concen: 26.411 ng  
 RT: 12.41 min Scan# 1502  
 Delta R.T. -0.00 min  
 Lab File: BG028667.D  
 Acq: 12 Sep 2017 13:17

Tgt Ion:107 Resp: 81257  
 Ion Ratio Lower Upper  
 107 100  
 144 21.5 17.4 26.0  
 142 73.9 54.1 81.1

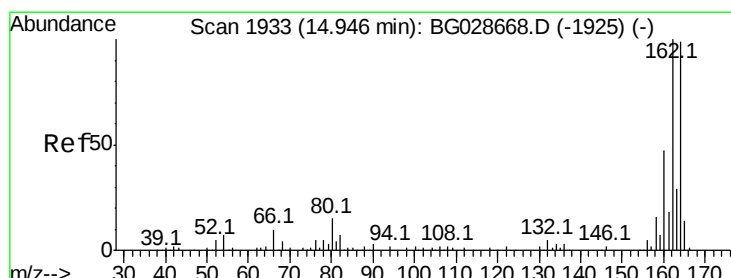
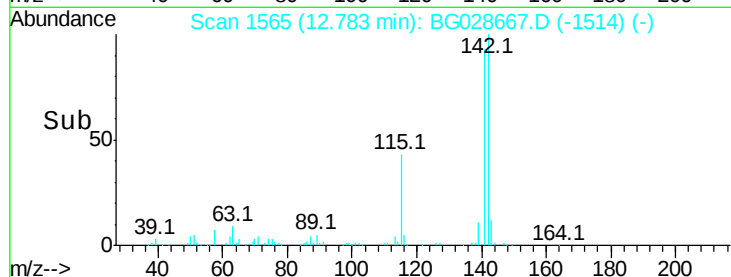
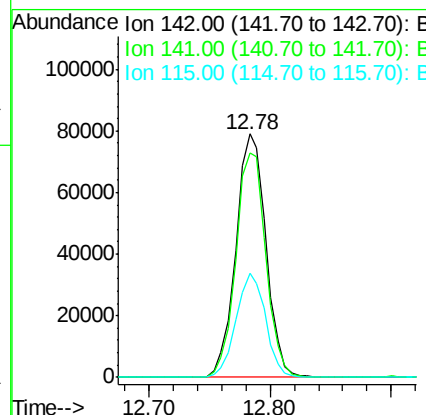
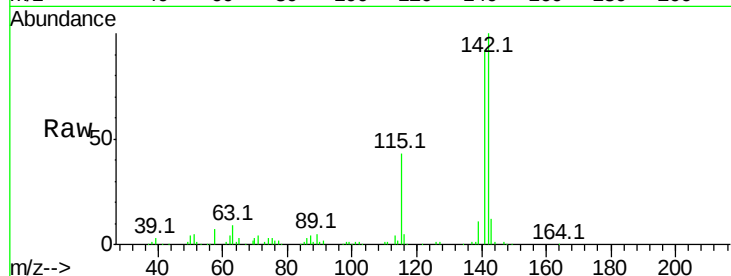




#37  
2-Methylnaphthalene  
Concen: 23.920 ng  
RT: 12.78 min Scan# 1565  
Delta R.T. -0.00 min  
Lab File: BG028667.D  
Acq: 12 Sep 2017 13:17

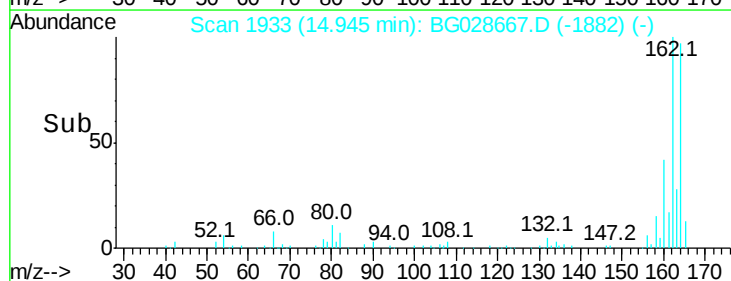
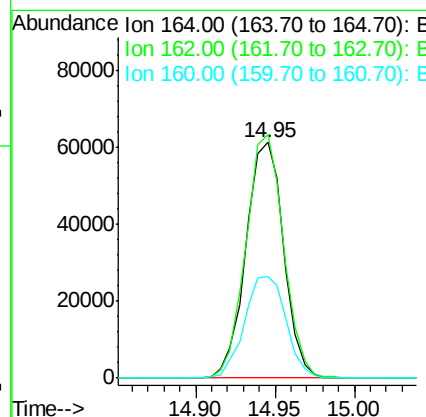
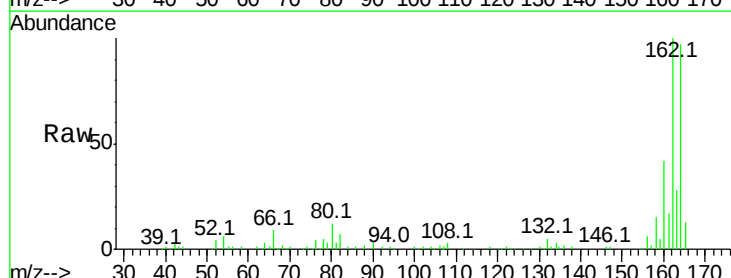
Instrument :  
BNA\_G  
ClientSampled :

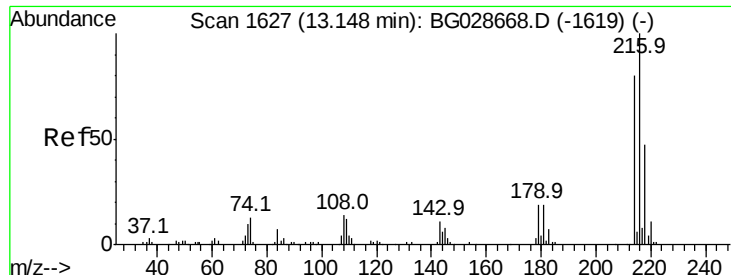
Tot Ion:142 Resp: 136737  
Ion Ratio Lower Upper  
142 100  
141 92.4 70.4 105.6  
115 43.0 35.5 53.3



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.95 min Scan# 1933  
Delta R.T. -0.00 min  
Lab File: BG028667.D  
Acq: 12 Sep 2017 13:17

Tgt Ion:164 Resp: 101171  
Ion Ratio Lower Upper  
164 100  
162 103.3 85.1 127.7  
160 43.3 34.7 52.1

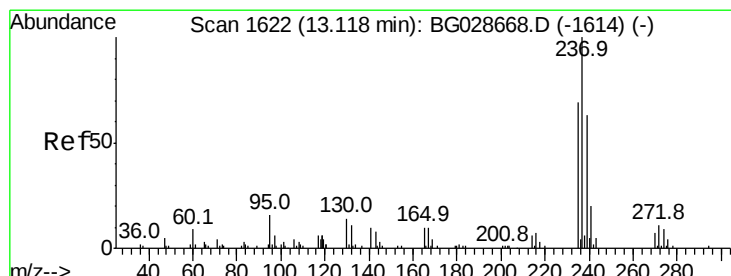
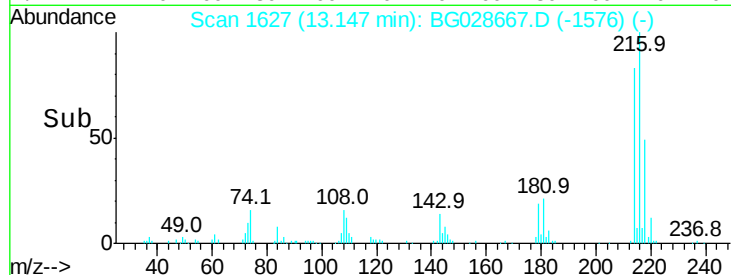
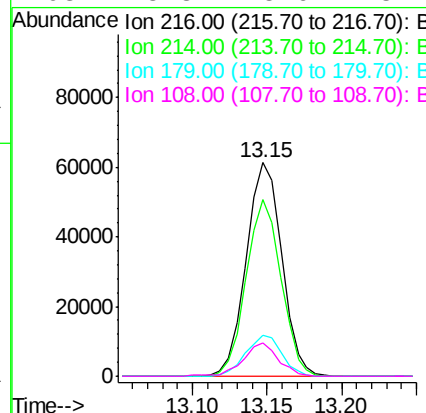
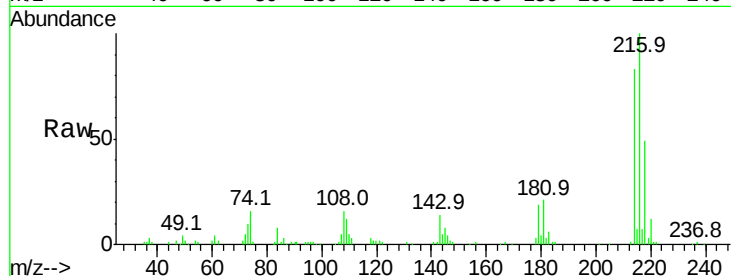




#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 25.689 ng  
 RT: 13.15 min Scan# 1627  
 Delta R.T. -0.00 min  
 Lab File: BG028667.D  
 Acq: 12 Sep 2017 13:17

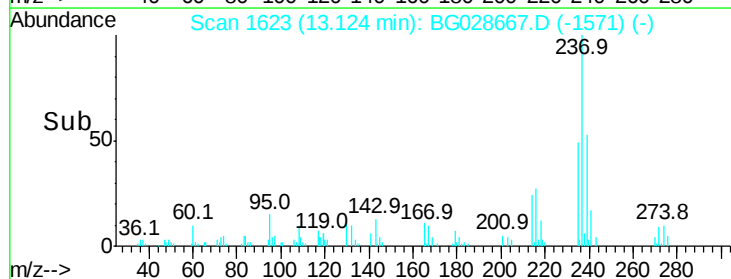
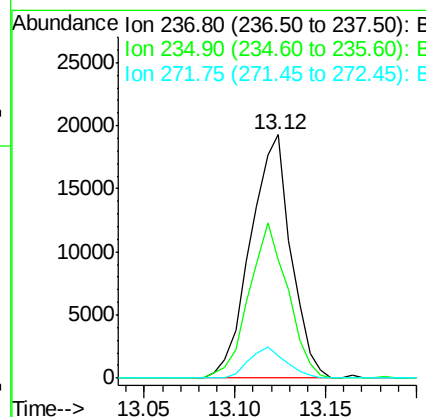
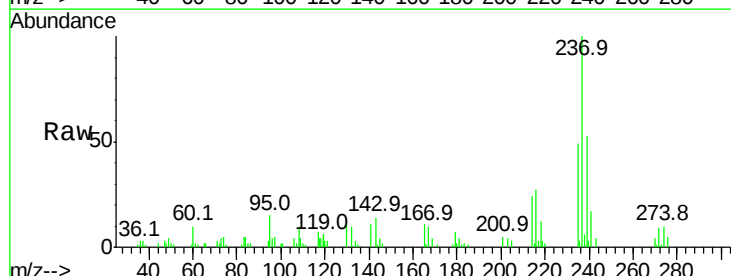
Instrument :  
 BNA\_G  
 ClientSampleId :

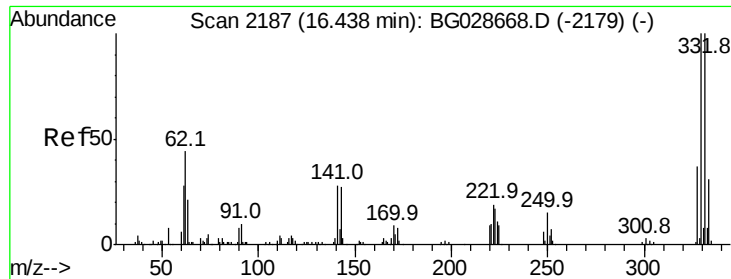
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 216   | Resp: | 100952 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 81.1  | 64.4  | 96.6   |
| 179      | 19.5  | 17.4  | 26.0   |
| 108      | 15.3  | 15.6  | 23.4   |



#40  
 Hexachlorocyclopentadiene  
 Concen: 21.788 ng  
 RT: 13.12 min Scan# 1623  
 Delta R.T. 0.01 min  
 Lab File: BG028667.D  
 Acq: 12 Sep 2017 13:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 29886 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 48.7  | 39.4  | 79.4  |
| 272      | 9.3   | 0.0   | 32.0  |

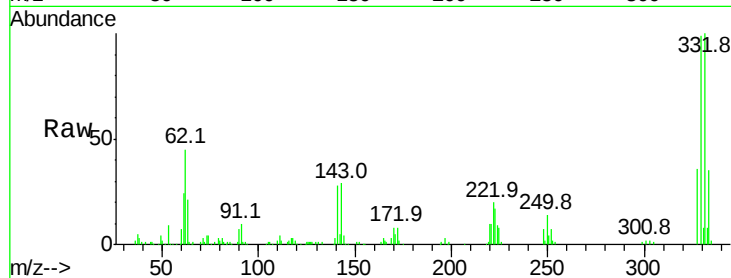




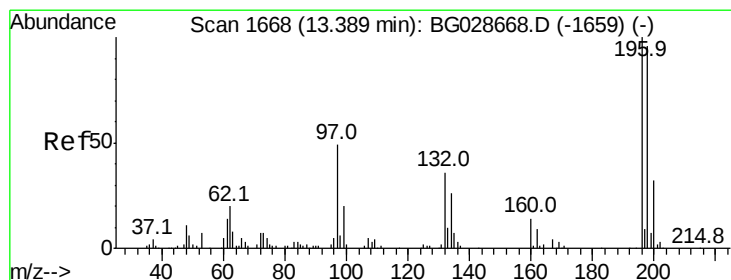
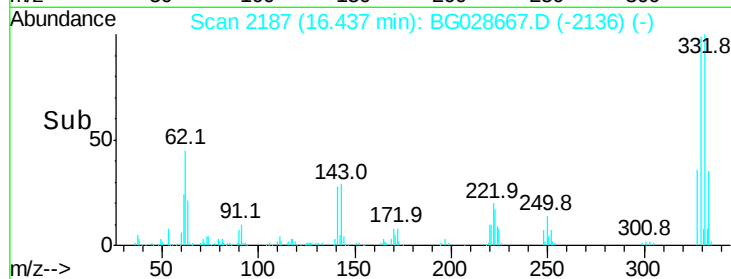
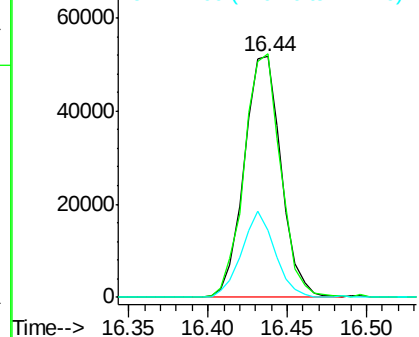
#41  
 2,4,6-Tribromophenol  
 Concen: 54.409 ng  
 RT: 16.44 min Scan# 2187  
 Delta R.T. -0.00 min  
 Lab File: BG028667.D  
 Acq: 12 Sep 2017 13:17

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 99.2  | 77.3  | 115.9 |
| 141     | 32.3  | 32.1  | 48.1  |

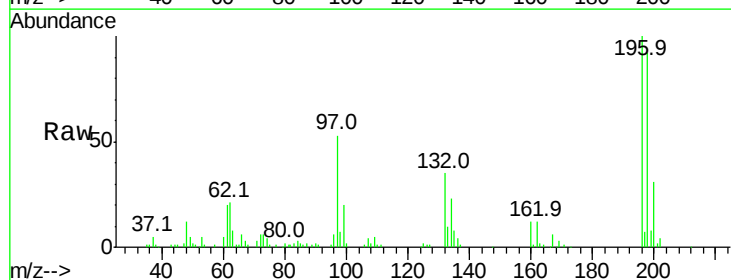


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

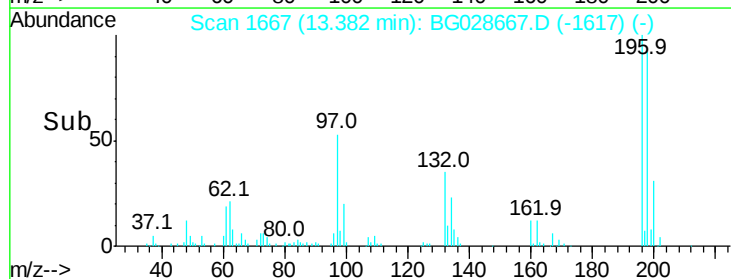
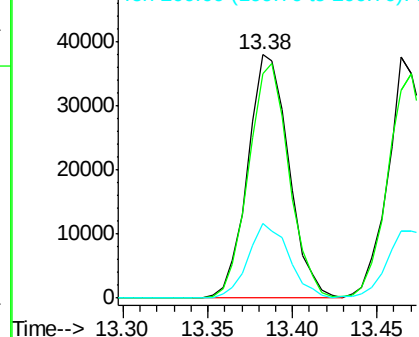


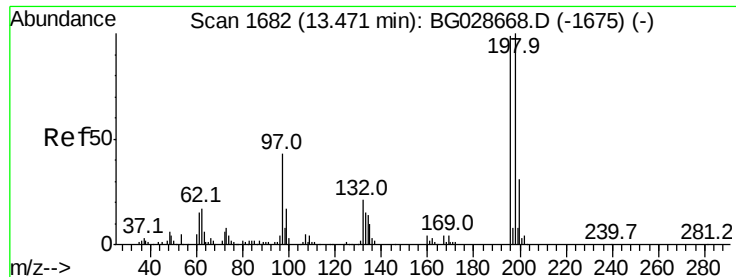
#42  
 2,4,6-Trichlorophenol  
 Concen: 25.641 ng  
 RT: 13.38 min Scan# 1667  
 Delta R.T. -0.01 min  
 Lab File: BG028667.D  
 Acq: 12 Sep 2017 13:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 91.9  | 81.4  | 122.2 |
| 200     | 30.8  | 27.0  | 40.6  |



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

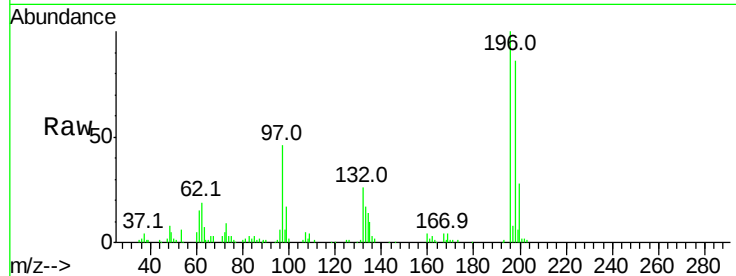




#43  
 2,4,5-Trichlorophenol  
 Concen: 26.216 ng  
 RT: 13.46 min Scan# 1681  
 Delta R.T. -0.01 min  
 Lab File: BG028667.D  
 Acq: 12 Sep 2017 13:17

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 86.1  | 79.9  | 119.9 |
| 97      | 45.6  | 45.4  | 68.0  |
| 132     | 25.7  | 20.7  | 31.1  |



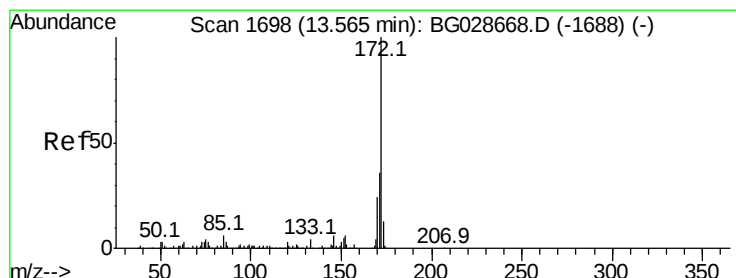
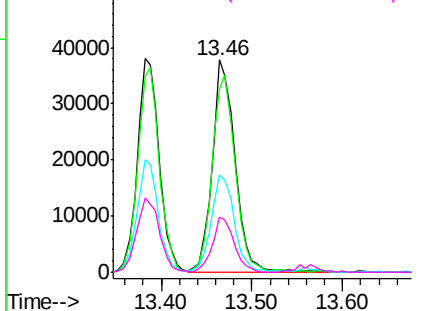
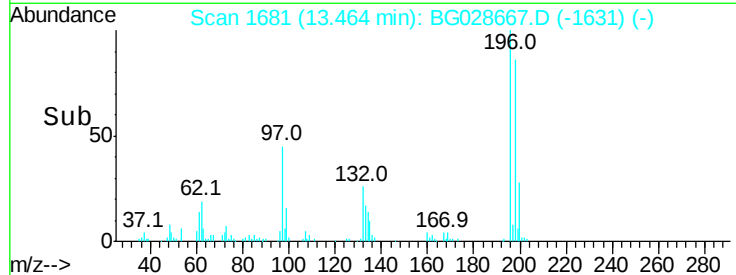
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

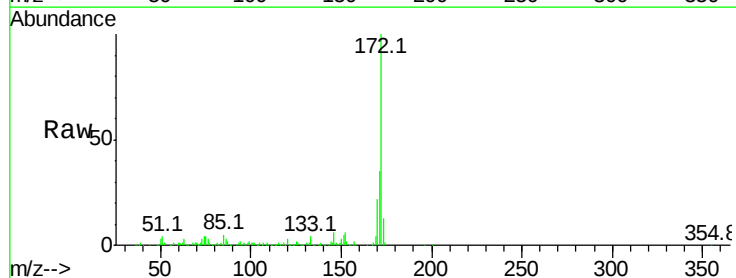
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 48.710 ng  
 RT: 13.56 min Scan# 1698  
 Delta R.T. -0.00 min  
 Lab File: BG028667.D  
 Acq: 12 Sep 2017 13:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.3  | 32.2  | 48.2  |
| 170     | 22.0  | 21.8  | 32.6  |

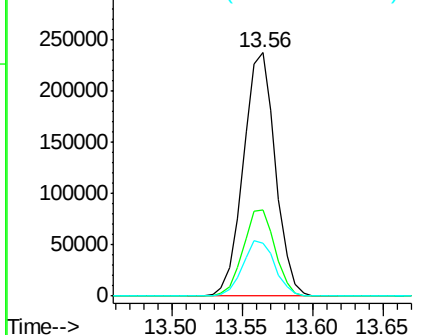
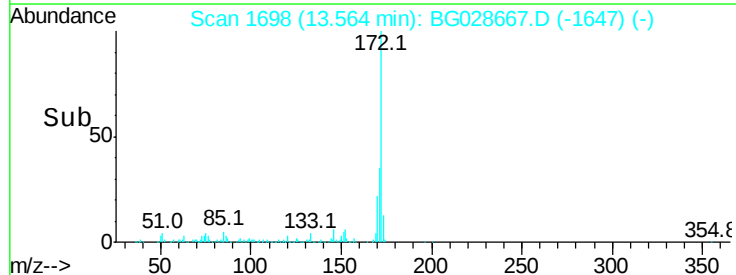


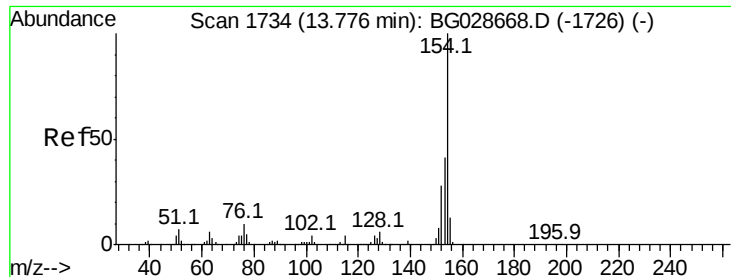
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 24.424 ng

RT: 13.78 min Scan# 1734

Delta R.T. -0.00 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

Instrument :

BNA\_G

ClientSampleId :

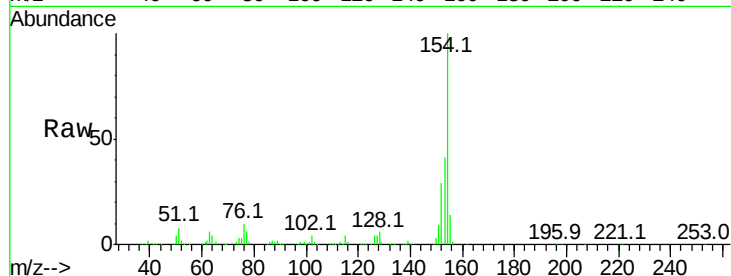
Tot Ion:154 Resp: 207471

Ion Ratio Lower Upper

154 100

153 40.6 23.0 63.0

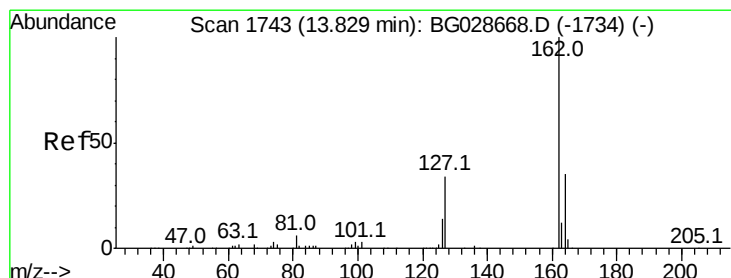
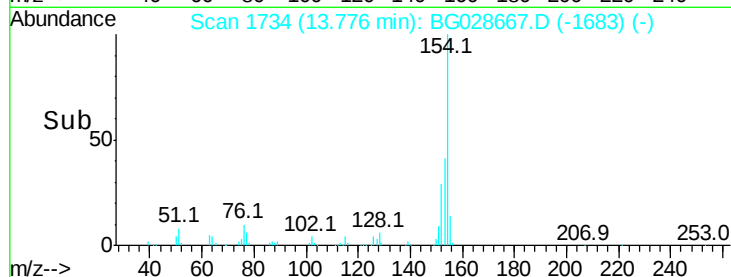
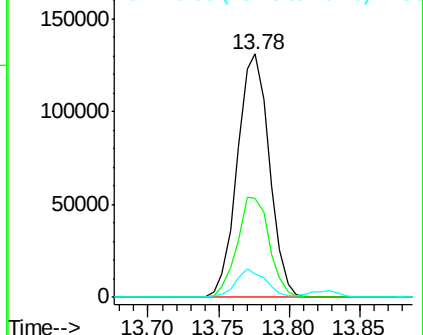
76 9.5 0.0 33.5



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: 23.169 ng

RT: 13.83 min Scan# 1743

Delta R.T. -0.00 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

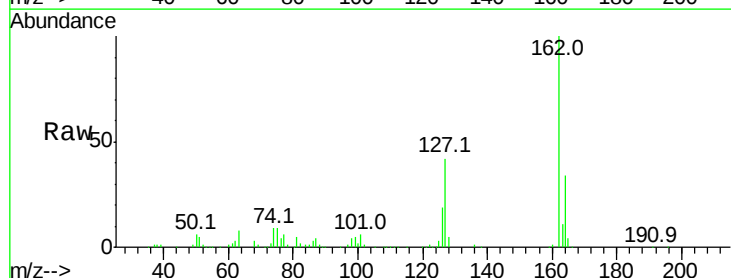
Tgt Ion:162 Resp: 149487

Ion Ratio Lower Upper

162 100

127 42.1 32.2 48.4

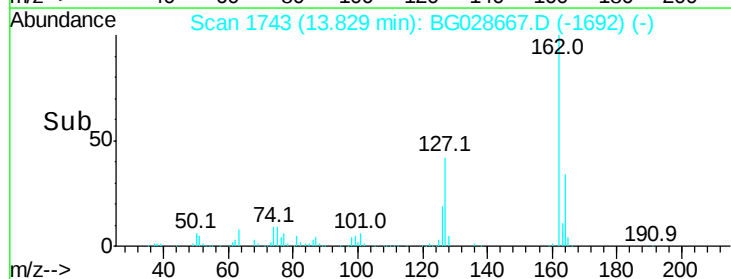
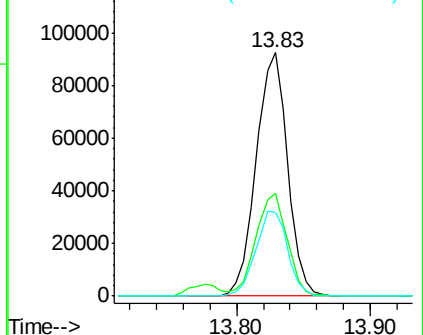
164 34.3 27.3 40.9

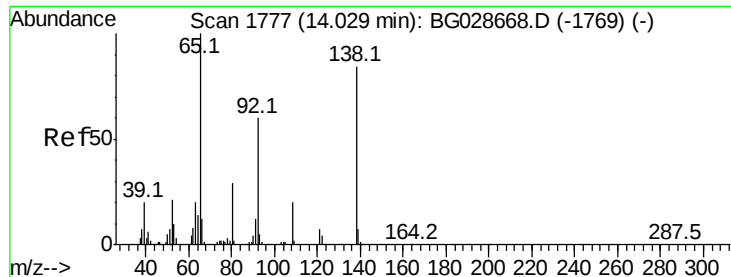


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 21.403 ng

RT: 14.03 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

Instrument :

BNA\_G

ClientSampleId :

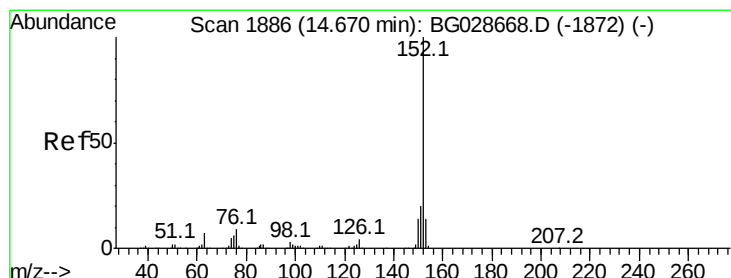
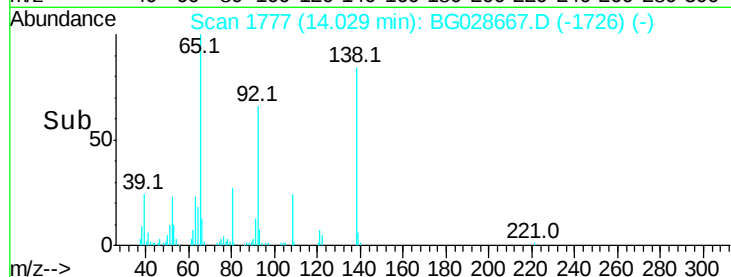
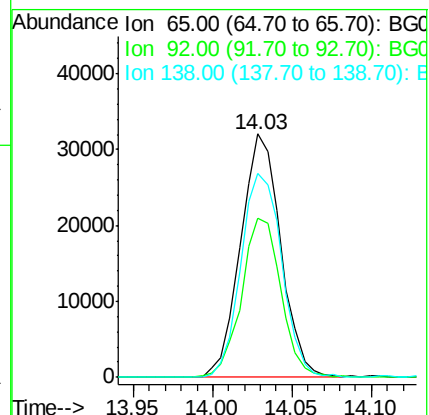
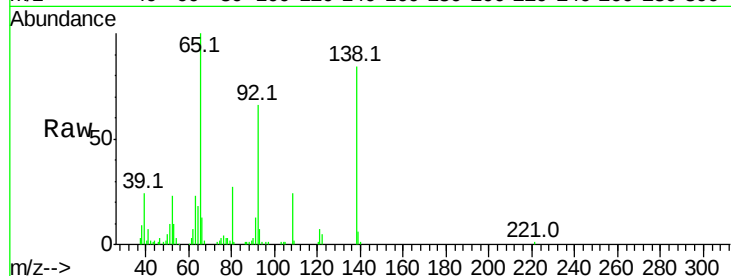
Tot Ion: 65 Resp: 56301

Ion Ratio Lower Upper

65 100

92 65.6 49.0 73.4

138 83.8 58.6 87.8



#48

Acenaphthylene

Concen: 24.535 ng

RT: 14.67 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

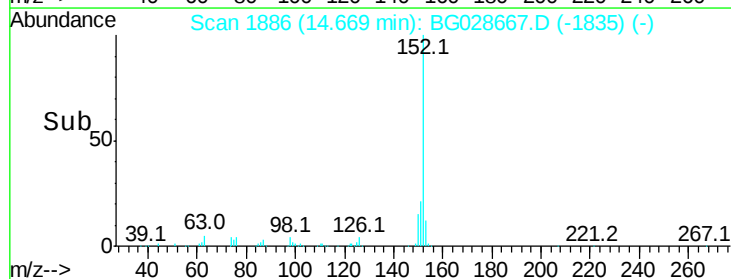
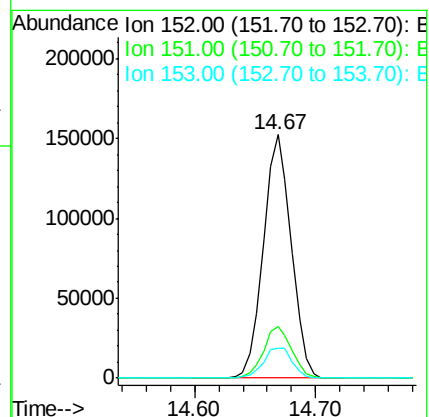
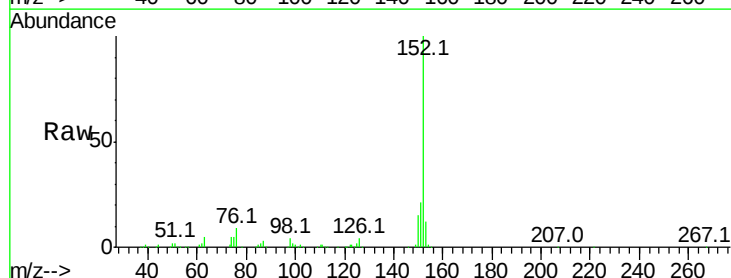
Tgt Ion: 152 Resp: 242761

Ion Ratio Lower Upper

152 100

151 21.0 18.2 27.2

153 12.3 11.3 16.9





#49

Dimethylphthalate

Concen: 25.482 ng

RT: 14.38 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

Instrument :

BNA\_G

ClientSampleId :

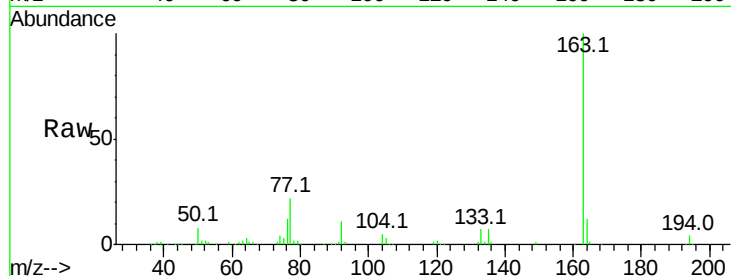
Tot Ion:163 Resp: 212413

Ion Ratio Lower Upper

163 100

194 4.2 3.8 5.6

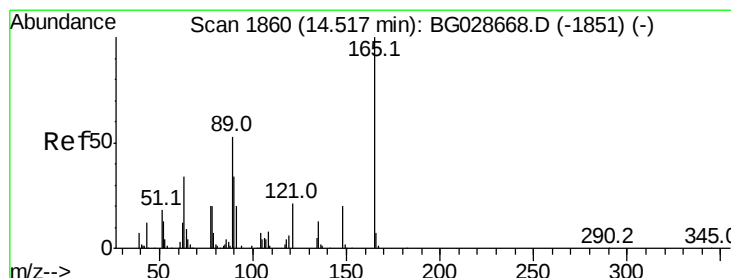
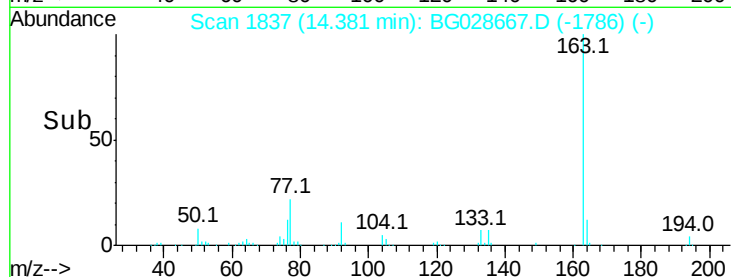
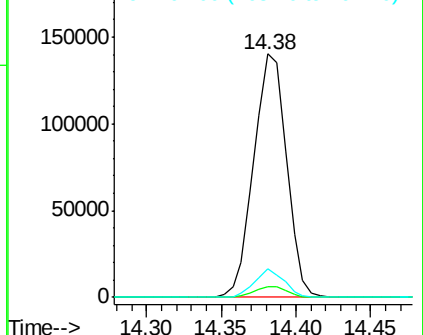
164 11.8 9.3 13.9



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: 26.310 ng

RT: 14.52 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

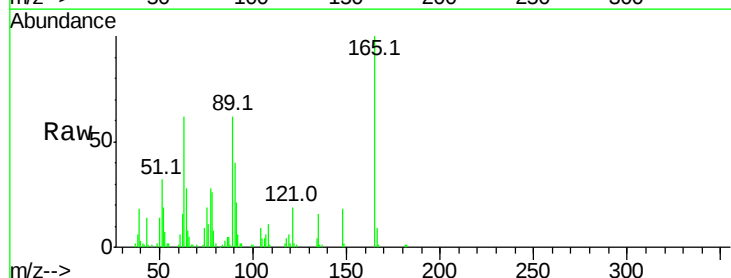
Tgt Ion:165 Resp: 48048

Ion Ratio Lower Upper

165 100

63 61.8 63.9 95.9#

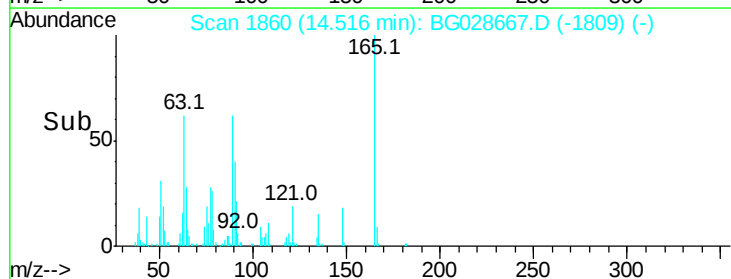
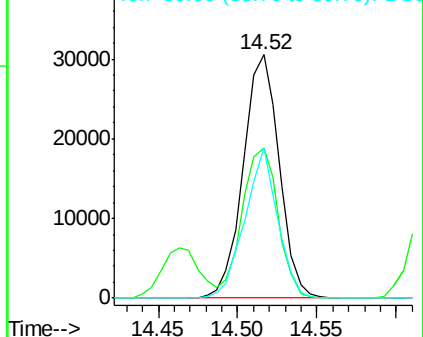
89 61.8 58.6 88.0

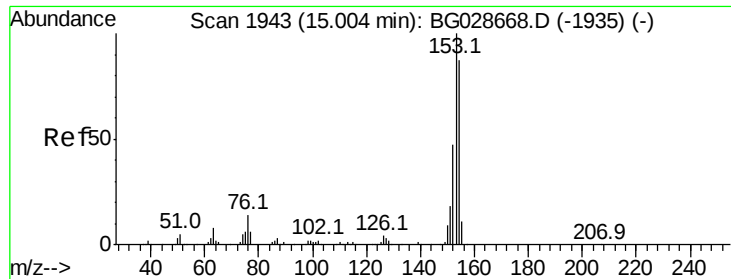


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 24.537 ng

RT: 15.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

Instrument :

BNA\_G

ClientSampleId :

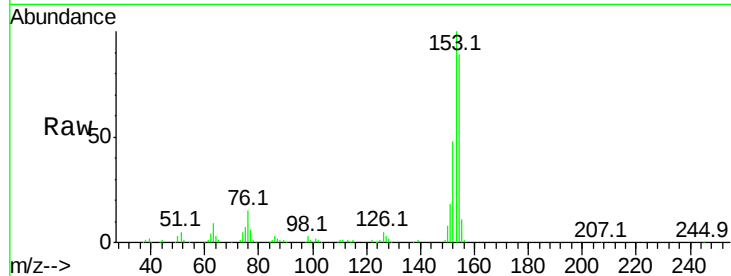
Tot Ion:154 Resp: 148679

Ion Ratio Lower Upper

154 100

153 111.8 87.8 131.6

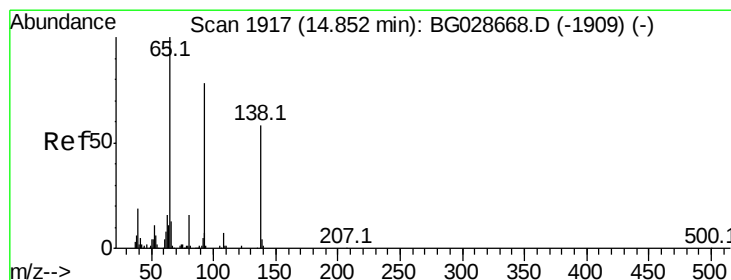
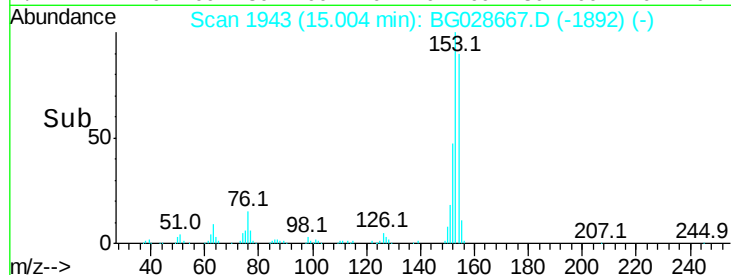
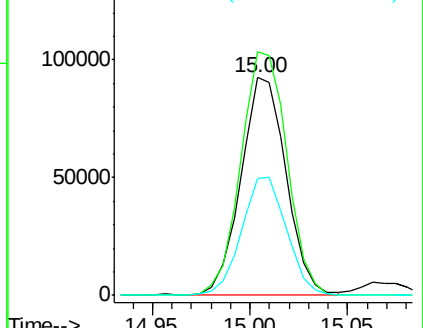
152 53.5 42.2 63.4



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: 23.691 ng

RT: 14.86 min Scan# 1918

Delta R.T. 0.01 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

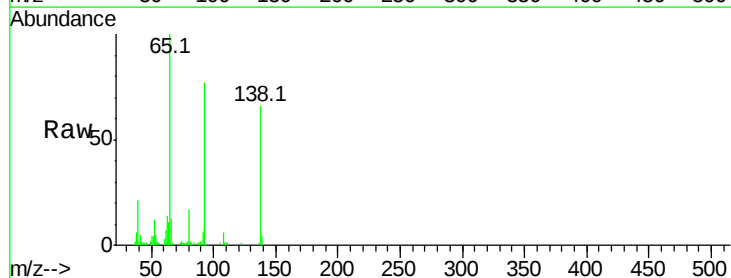
Tgt Ion:138 Resp: 43697

Ion Ratio Lower Upper

138 100

108 9.2 10.9 16.3#

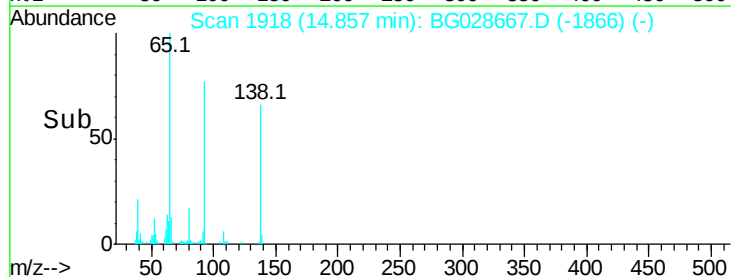
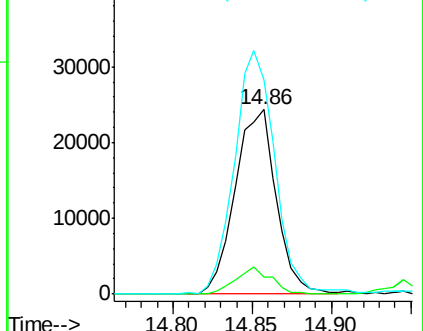
92 115.9 115.3 172.9

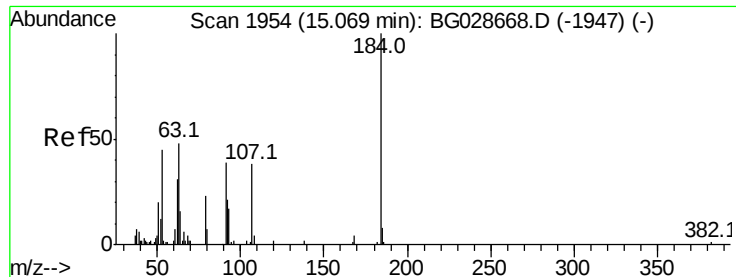


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

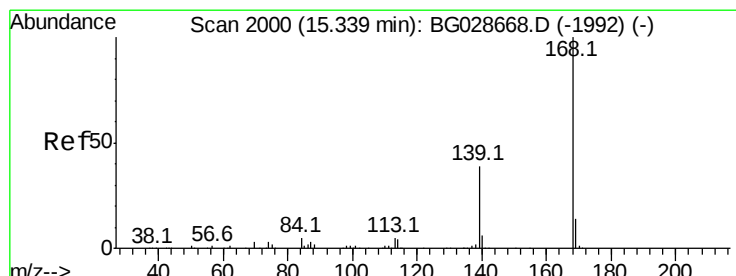
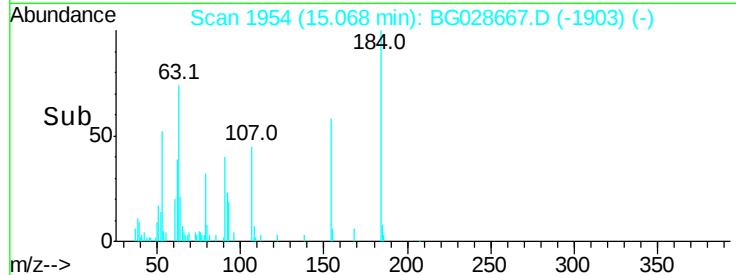
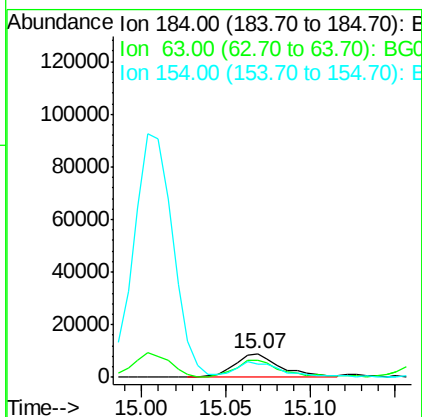
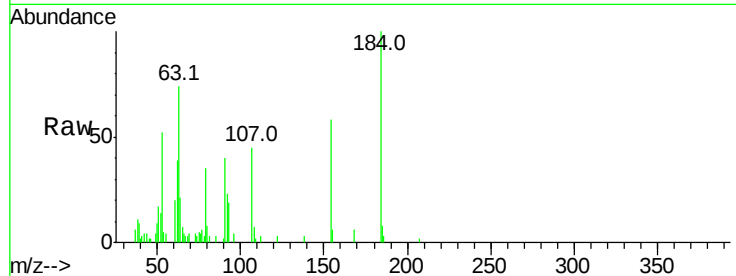




#53  
2,4-Dinitrophenol  
Concen: 17.349 ng  
RT: 15.07 min Scan# 1954  
Delta R.T. -0.00 min  
Lab File: BG028667.D  
Acq: 12 Sep 2017 13:17

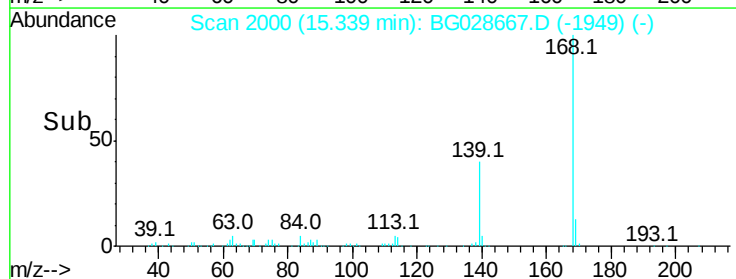
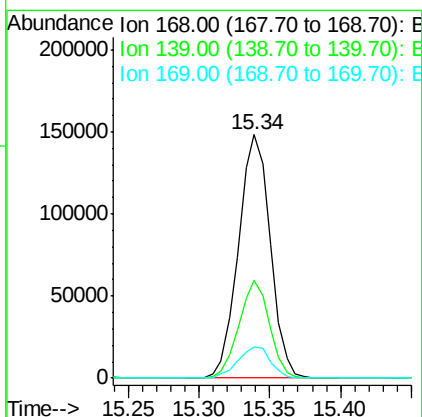
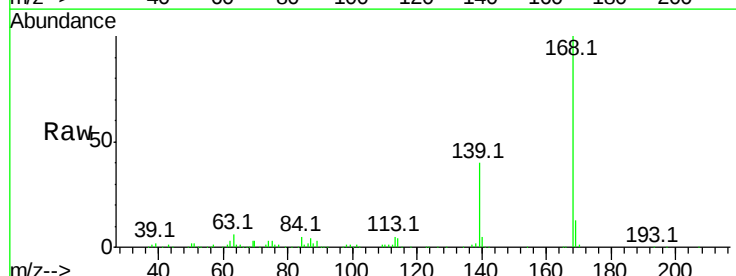
Instrument :  
BNA\_G  
ClientSampleId :

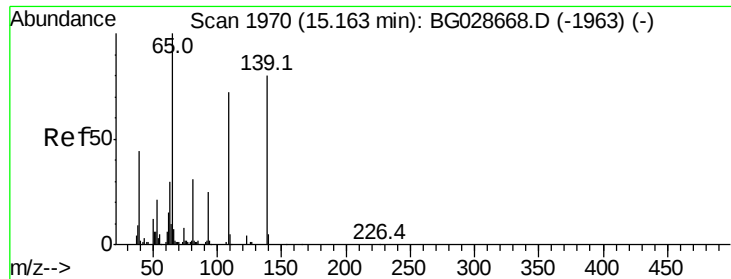
Tot Ion:184 Resp: 17149  
Ion Ratio Lower Upper  
184 100  
63 74.1 52.7 79.1  
154 58.5 57.3 85.9



#54  
Dibenzofuran  
Concen: 24.892 ng  
RT: 15.34 min Scan# 2000  
Delta R.T. -0.00 min  
Lab File: BG028667.D  
Acq: 12 Sep 2017 13:17

Tgt Ion:168 Resp: 233142  
Ion Ratio Lower Upper  
168 100  
139 40.2 35.3 52.9  
169 13.0 11.5 17.3





#55

4-Nitrophenol

Concen: 22.874 ng

RT: 15.17 min Scan# 1971

Delta R.T. 0.01 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

Instrument :

BNA\_G

ClientSampleId :

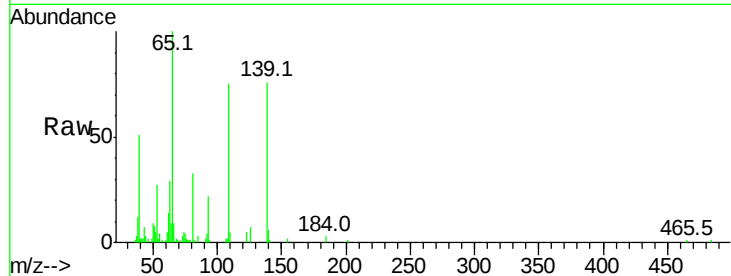
Tot Ion:139 Resp: 30063

Ion Ratio Lower Upper

139 100

109 98.9 101.2 141.2#

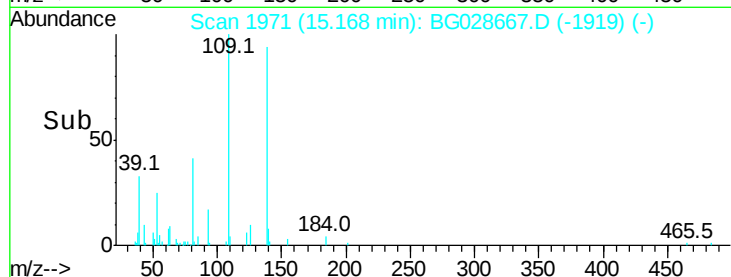
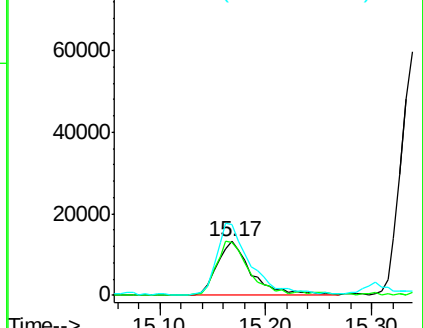
65 131.3 135.3 175.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 25.434 ng

RT: 15.30 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

Tgt Ion:165 Resp: 66942

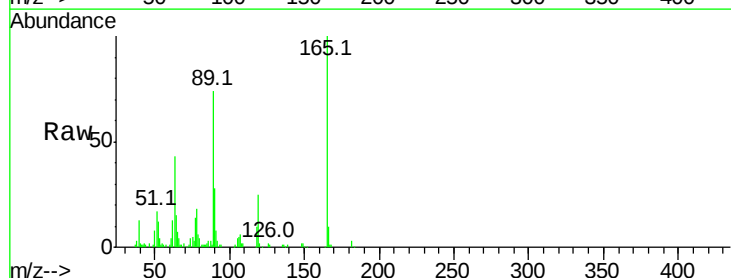
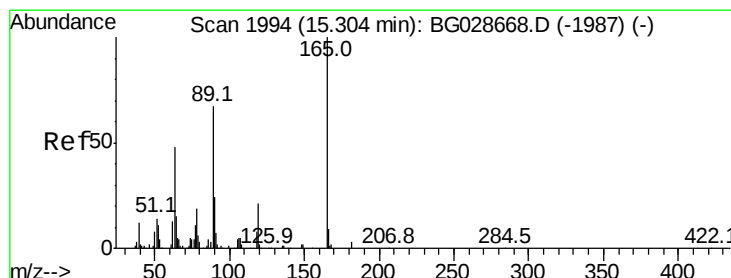
Ion Ratio Lower Upper

165 100

63 43.2 44.0 66.0#

89 74.1 67.3 100.9

182 2.6 3.8 5.6#

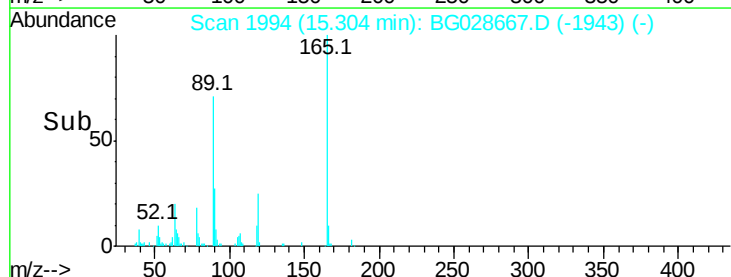
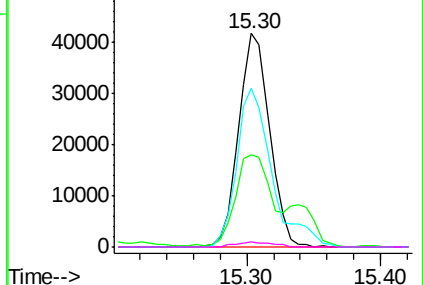


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

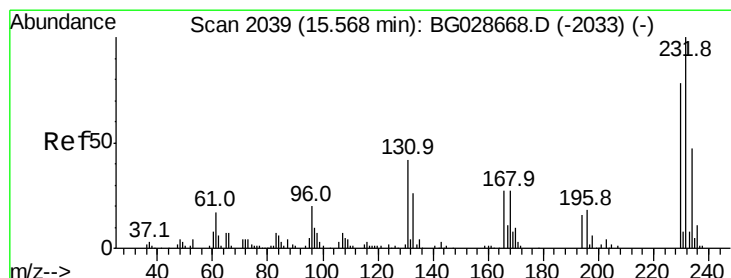
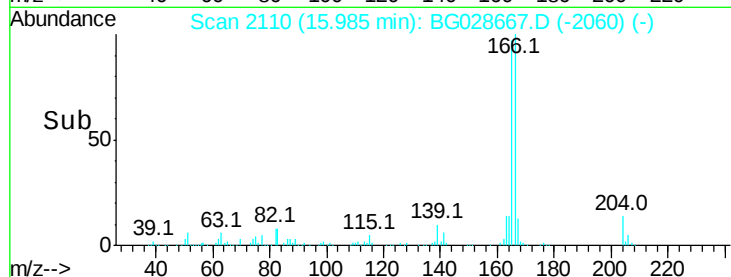
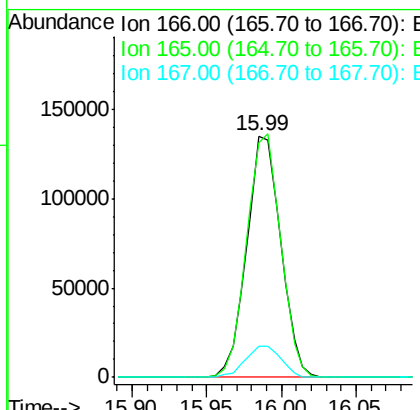
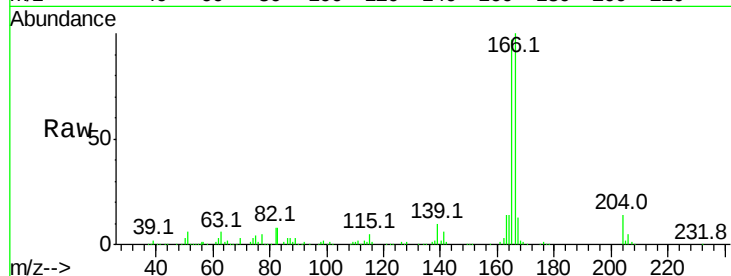




#57  
 Fluorene  
 Concen: 24.900 ng  
 RT: 15.99 min Scan# 2110  
 Delta R.T. -0.01 min  
 Lab File: BG028667.D  
 Acq: 12 Sep 2017 13:17

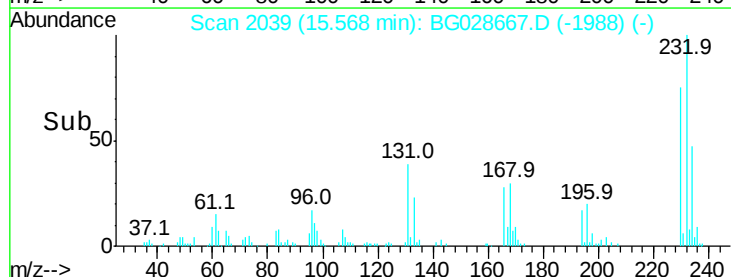
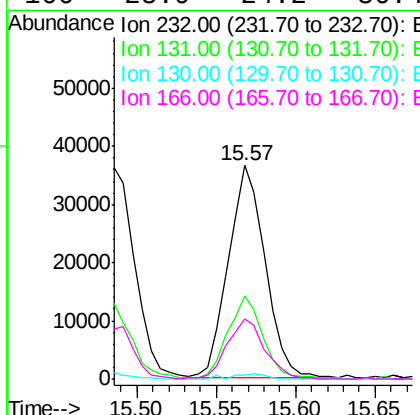
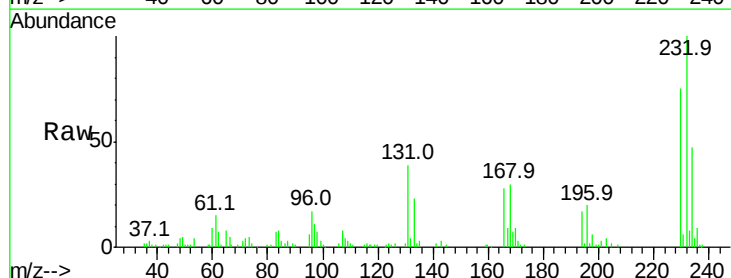
Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 97.4  | 78.6  | 117.8 |
| 167     | 12.8  | 11.6  | 17.4  |



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 26.299 ng  
 RT: 15.57 min Scan# 2039  
 Delta R.T. -0.00 min  
 Lab File: BG028667.D  
 Acq: 12 Sep 2017 13:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 37.1  | 34.9  | 52.3  |
| 130     | 2.1   | 2.3   | 3.5   |
| 166     | 28.9  | 24.2  | 36.4  |





#59

Diethylphthalate

Concen: 24.848 ng

RT: 15.73 min Scan# 2067

Delta R.T. -0.00 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

Instrument :

BNA\_G

ClientSampleId :

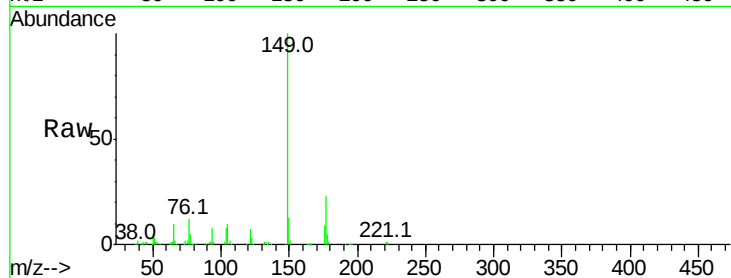
Tot Ion:149 Resp: 217023

Ion Ratio Lower Upper

149 100

177 23.2 20.1 30.1

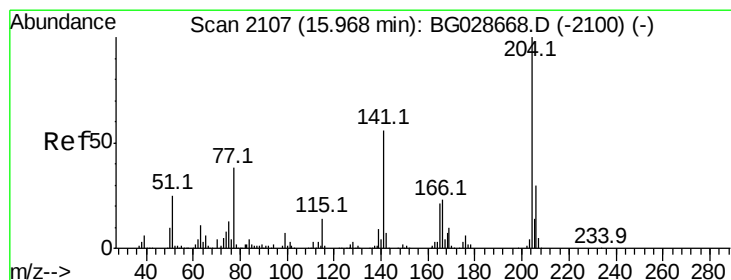
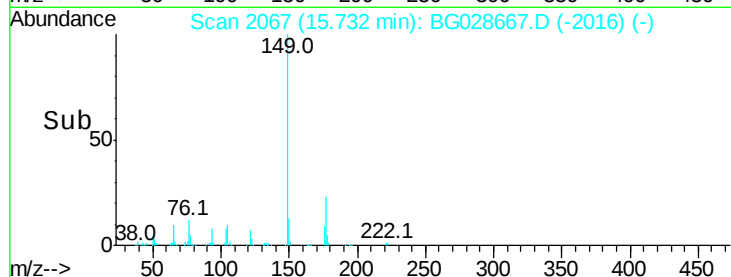
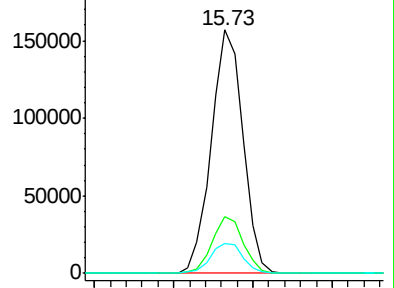
150 12.5 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 23.991 ng

RT: 15.97 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

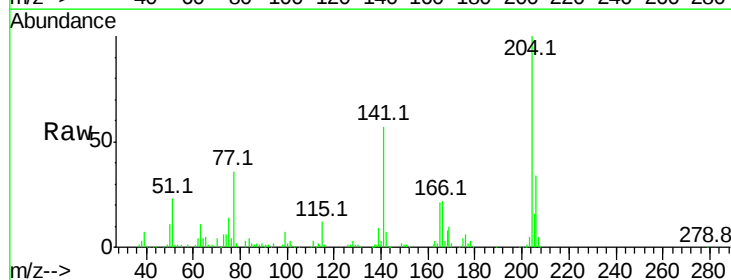
Tgt Ion:204 Resp: 116011

Ion Ratio Lower Upper

204 100

206 34.2 30.1 45.1

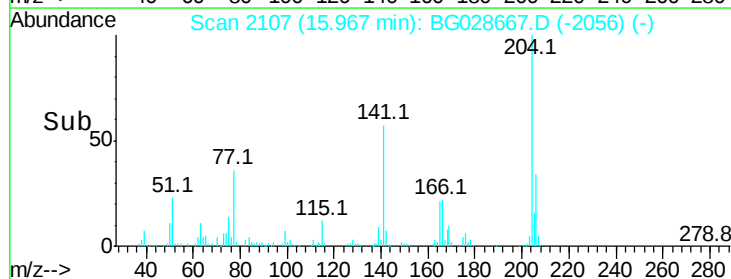
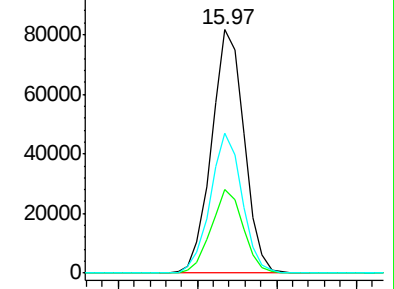
141 57.5 50.6 76.0

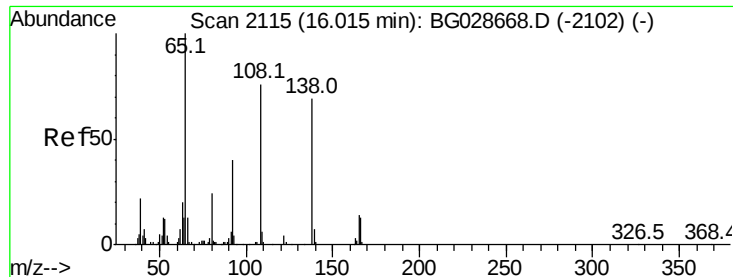


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

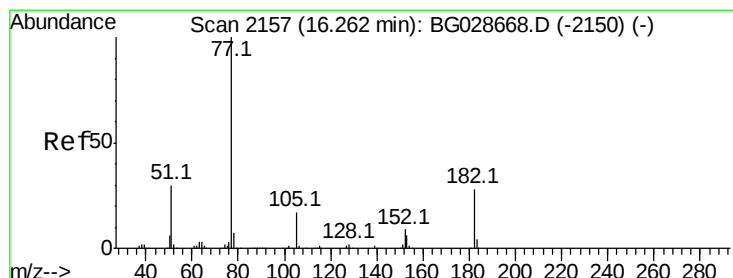
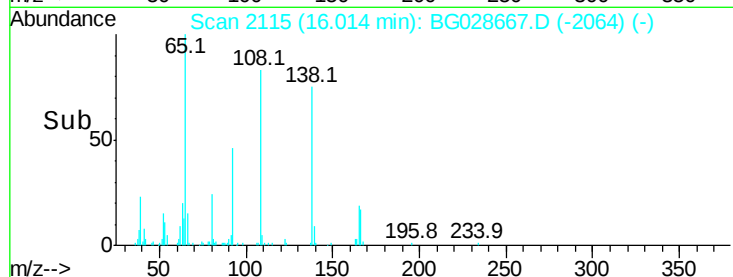
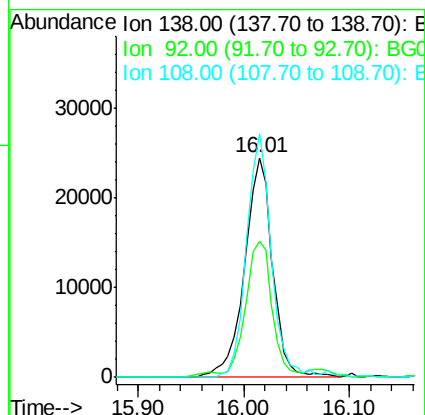
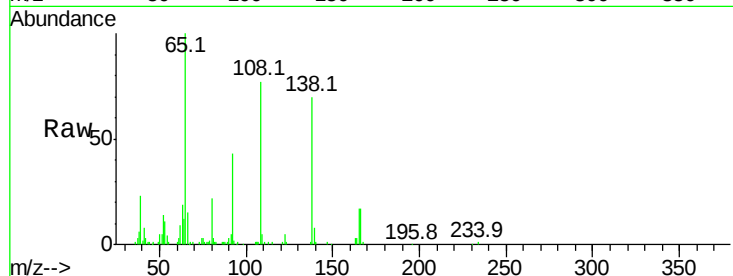




#61  
4-Nitroaniline  
Concen: 22.621 ng  
RT: 16.01 min Scan# 2115  
Delta R.T. -0.00 min  
Lab File: BG028667.D  
Acq: 12 Sep 2017 13:17

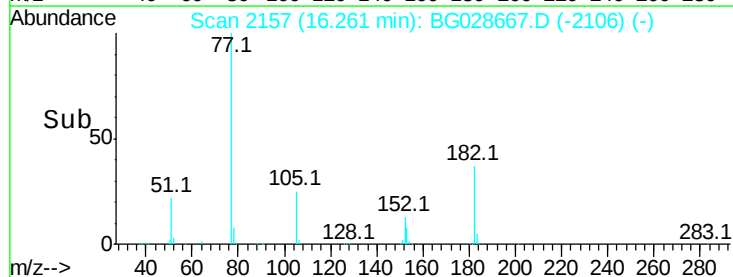
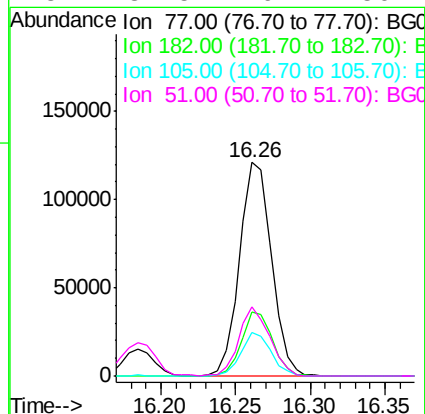
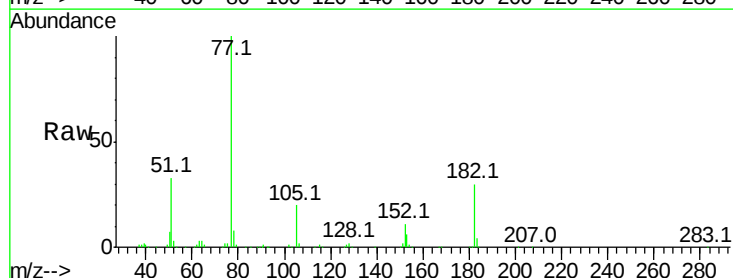
Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:138 Resp: 45170  
Ion Ratio Lower Upper  
138 100  
92 61.8 44.2 84.2  
108 111.0 104.8 144.8



#62  
Azobenzene  
Concen: 23.185 ng  
RT: 16.26 min Scan# 2157  
Delta R.T. -0.00 min  
Lab File: BG028667.D  
Acq: 12 Sep 2017 13:17

Tgt Ion: 77 Resp: 180865  
Ion Ratio Lower Upper  
77 100  
182 30.1 4.7 44.7  
105 20.2 0.0 36.3  
51 32.5 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

Instrument :

BNA\_G

ClientSampleId :

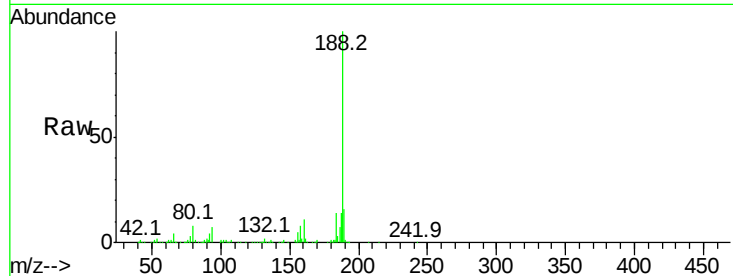
Tot Ion:188 Resp: 259557

Ion Ratio Lower Upper

188 100

94 6.5 5.8 8.8

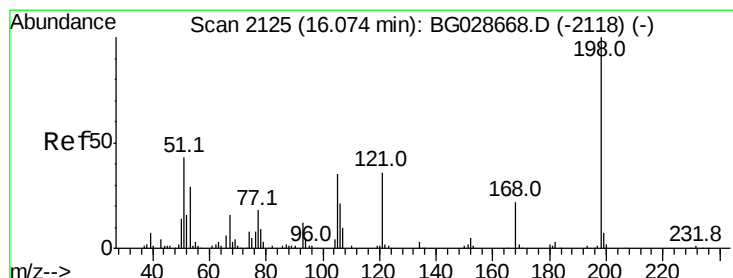
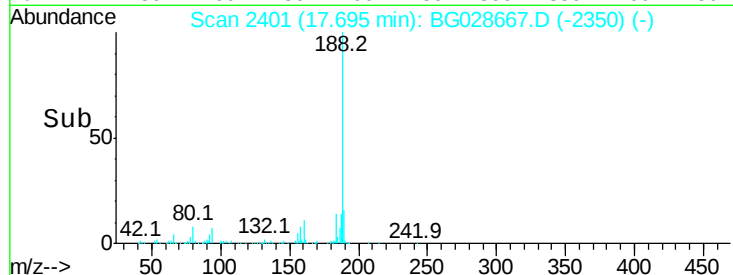
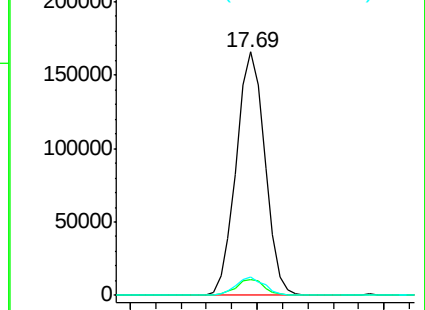
80 7.8 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#64

4,6-Dinitro-2-methylphenol

Concen: 20.937 ng

RT: 16.07 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

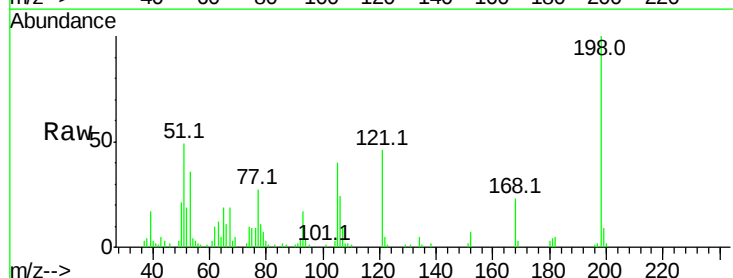
Tgt Ion:198 Resp: 38595

Ion Ratio Lower Upper

198 100

51 49.2 22.6 62.6

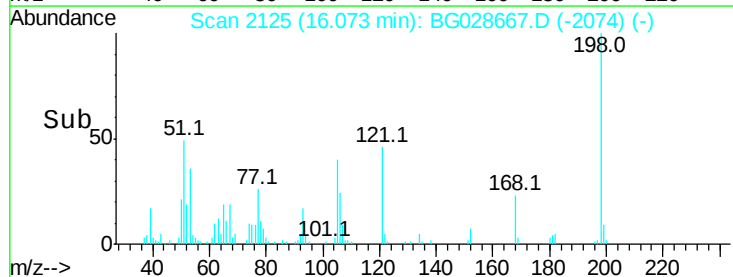
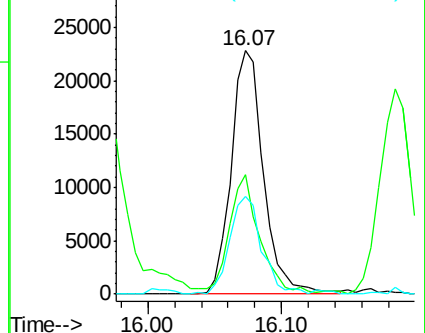
105 40.3 14.4 54.4

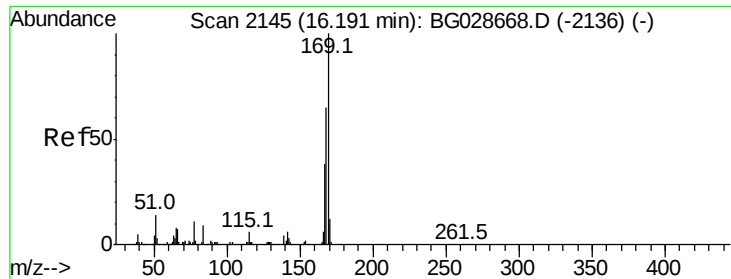


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

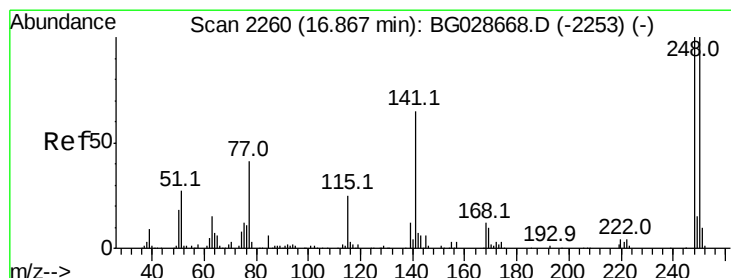
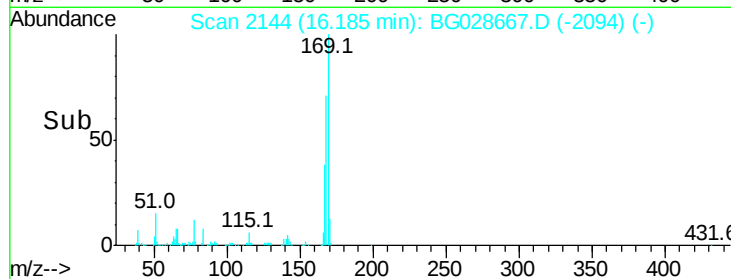
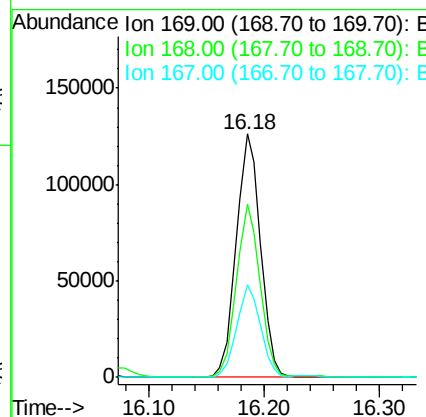
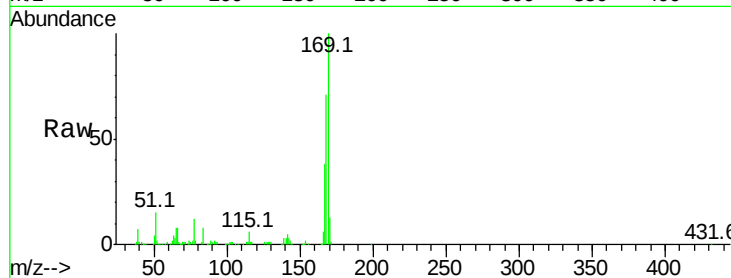




#65  
n-Nitrosodiphenylamine  
Concen: 23.989 ng  
RT: 16.18 min Scan# 2144  
Delta R.T. -0.01 min  
Lab File: BG028667.D  
Acq: 12 Sep 2017 13:17

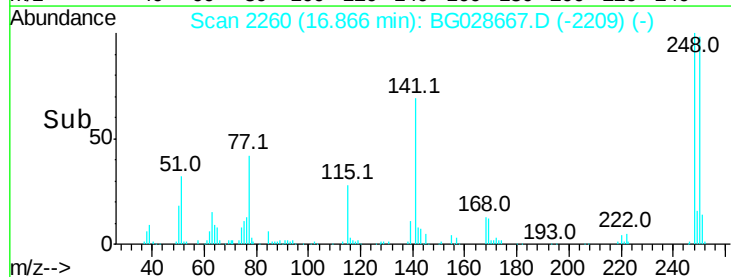
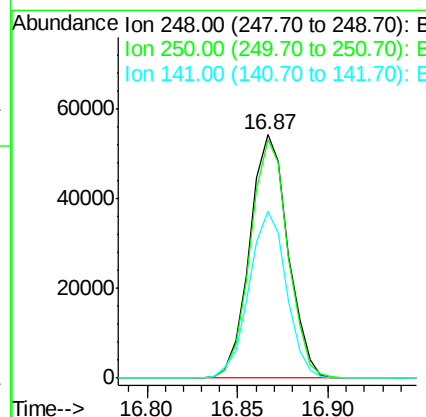
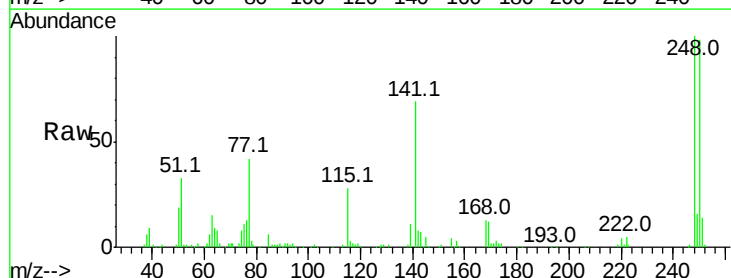
Instrument :  
BNA\_G  
ClientSampleId :

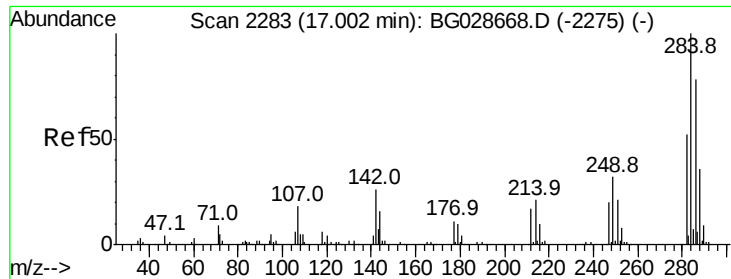
Tot Ion:169 Resp: 183869  
Ion Ratio Lower Upper  
169 100  
168 71.0 55.7 83.5  
167 38.2 29.8 44.6



#66  
4-Bromophenyl-phenylether  
Concen: 23.599 ng  
RT: 16.87 min Scan# 2260  
Delta R.T. -0.00 min  
Lab File: BG028667.D  
Acq: 12 Sep 2017 13:17

Tgt Ion:248 Resp: 79536  
Ion Ratio Lower Upper  
248 100  
250 98.0 75.0 112.6  
141 68.6 55.2 82.8

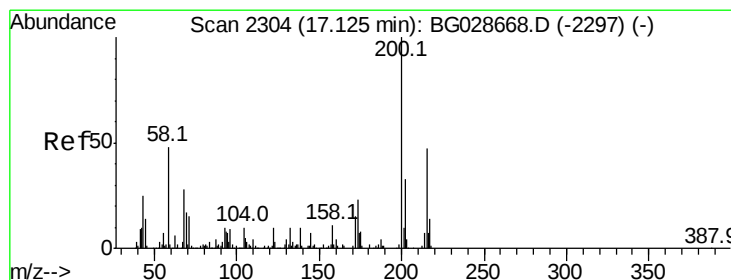
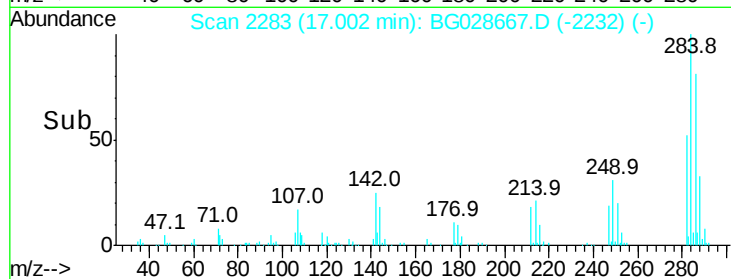
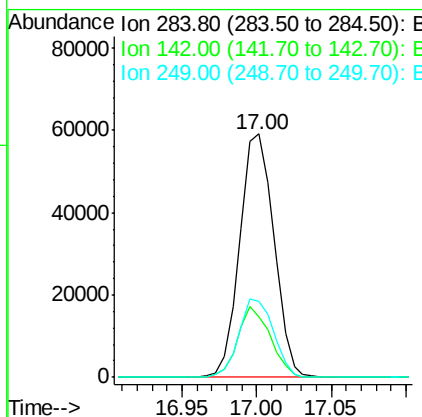
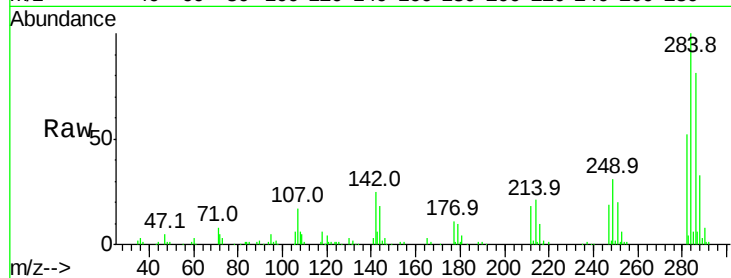




#67  
Hexachlorobenzene  
Concen: 25.305 ng  
RT: 17.00 min Scan# 2283  
Delta R.T. -0.00 min  
Lab File: BG028667.D  
Acq: 12 Sep 2017 13:17

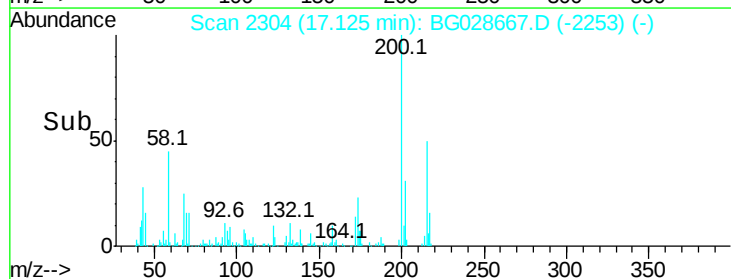
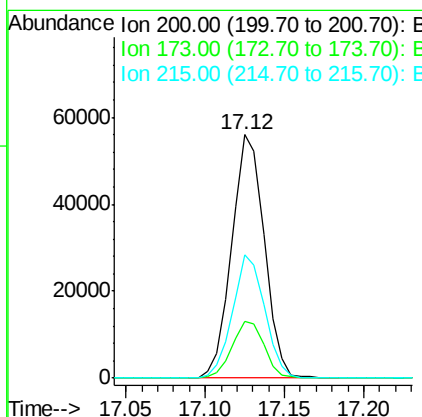
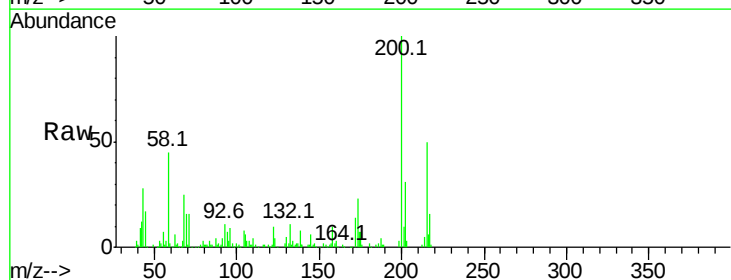
Instrument :  
BNA\_G  
ClientSampleId :

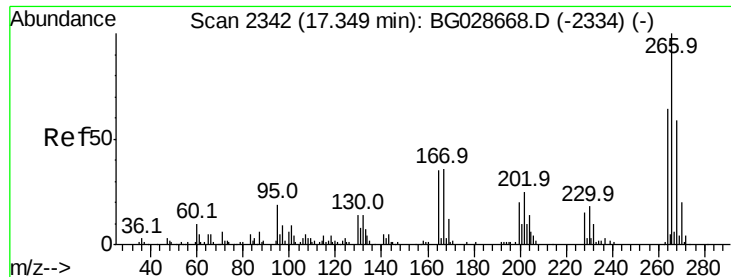
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 25.0  | 29.9  | 44.9# |
| 249     | 31.3  | 29.2  | 43.8  |



#68  
Atrazine  
Concen: 28.826 ng  
RT: 17.12 min Scan# 2304  
Delta R.T. -0.00 min  
Lab File: BG028667.D  
Acq: 12 Sep 2017 13:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 23.2  | 3.0   | 43.0  |
| 215     | 50.5  | 28.4  | 68.4  |

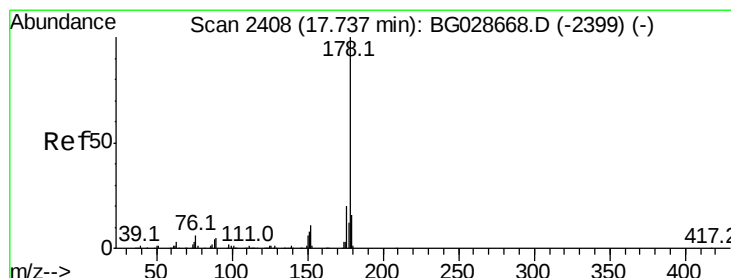
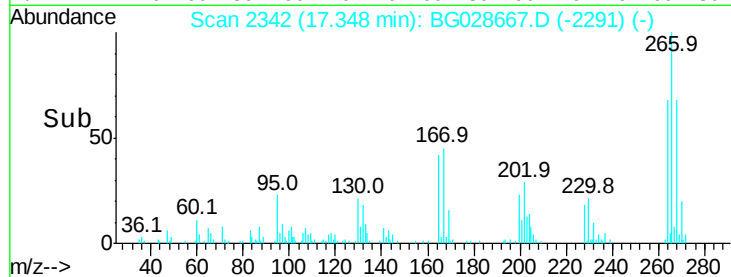
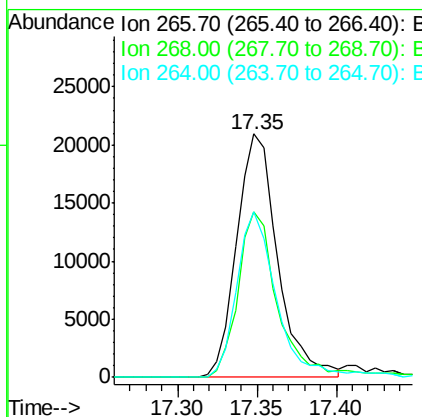
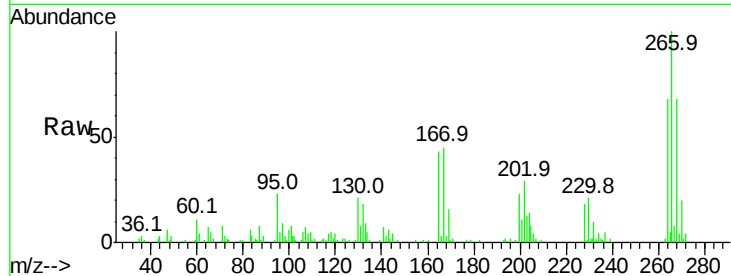




#69  
 Pentachlorophenol  
 Concen: 21.741 ng  
 RT: 17.35 min Scan# 2342  
 Delta R.T. -0.00 min  
 Lab File: BG028667.D  
 Acq: 12 Sep 2017 13:17

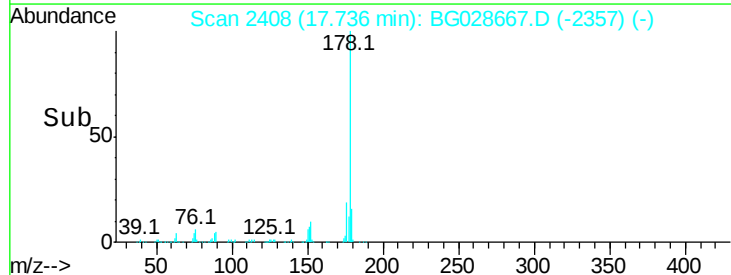
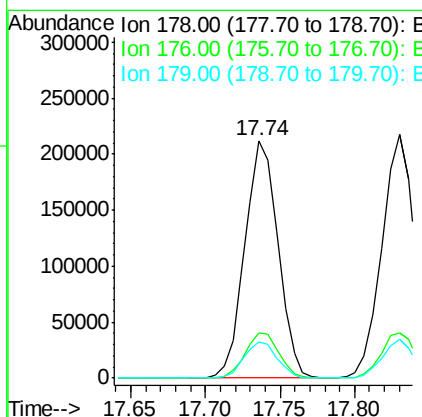
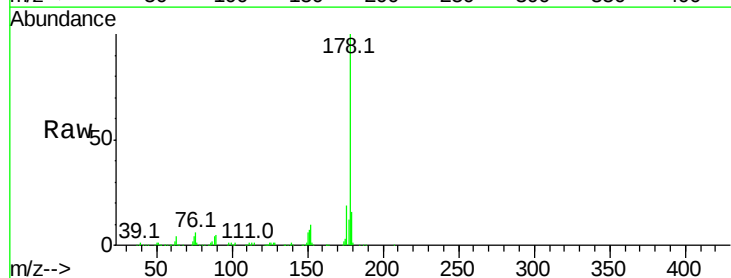
Instrument :  
 BNA\_G  
 ClientSampleId :

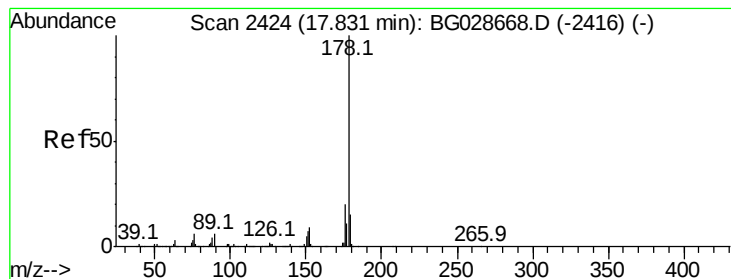
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 67.8  | 48.6  | 72.8  |
| 264     | 68.0  | 50.1  | 75.1  |



#70  
 Phenanthrene  
 Concen: 23.663 ng  
 RT: 17.74 min Scan# 2408  
 Delta R.T. -0.00 min  
 Lab File: BG028667.D  
 Acq: 12 Sep 2017 13:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.3  | 17.7  | 26.5  |
| 179     | 15.5  | 15.0  | 22.6  |





#71

Anthracene

Concen: 23.613 ng

RT: 17.83 min Scan# 2424

Delta R.T. -0.00 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

Instrument :

BNA\_G

ClientSampleId :

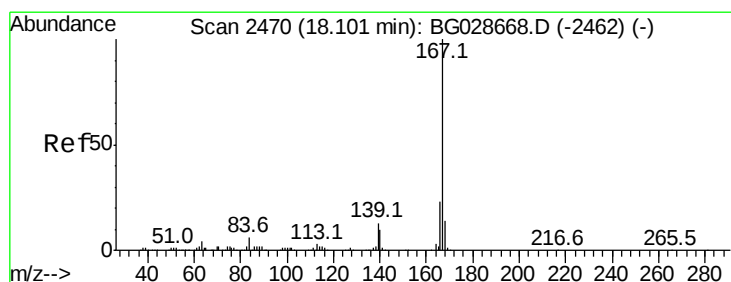
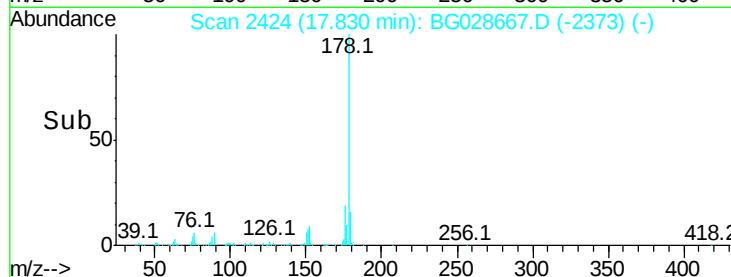
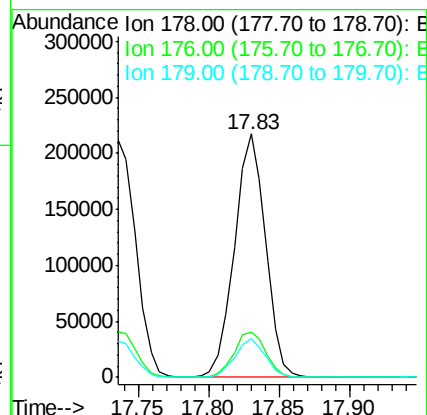
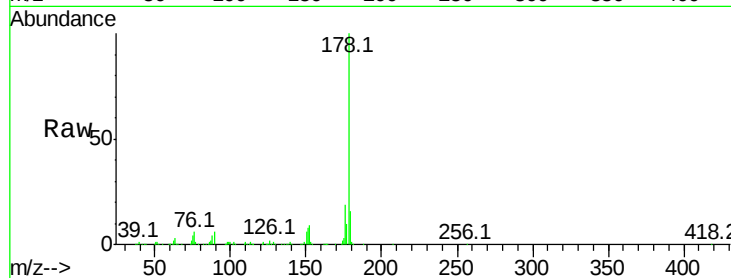
Tot Ion:178 Resp: 331448

Ion Ratio Lower Upper

178 100

176 18.6 16.4 24.6

179 15.9 13.8 20.8



#72

Carbazole

Concen: 23.564 ng

RT: 18.10 min Scan# 2470

Delta R.T. -0.00 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

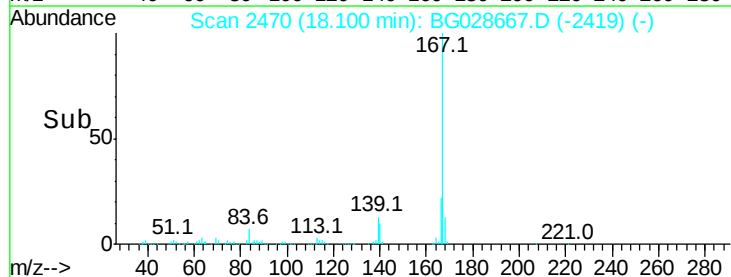
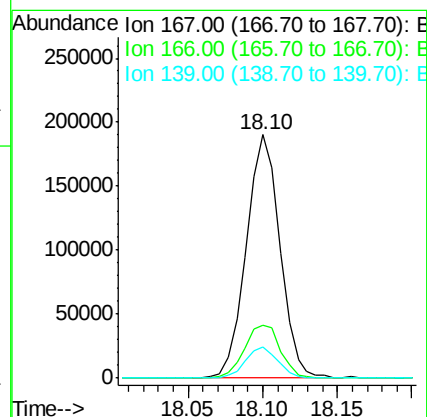
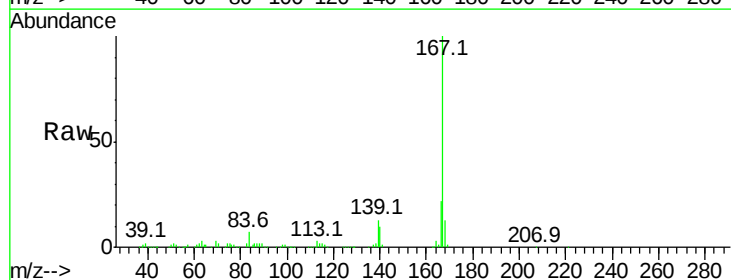
Tgt Ion:167 Resp: 295911

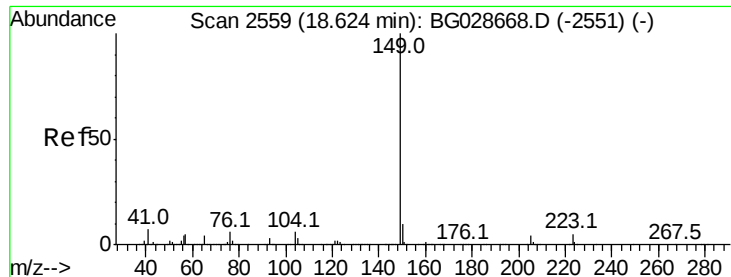
Ion Ratio Lower Upper

167 100

166 21.8 20.2 30.2

139 12.9 12.8 19.2

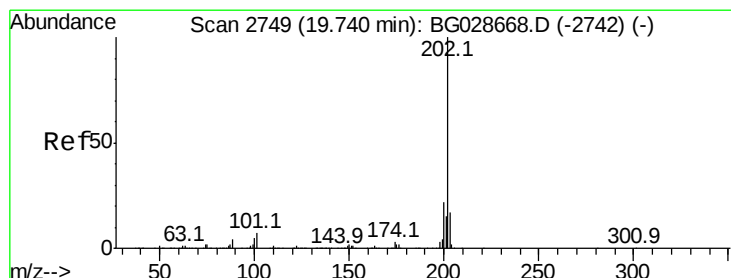
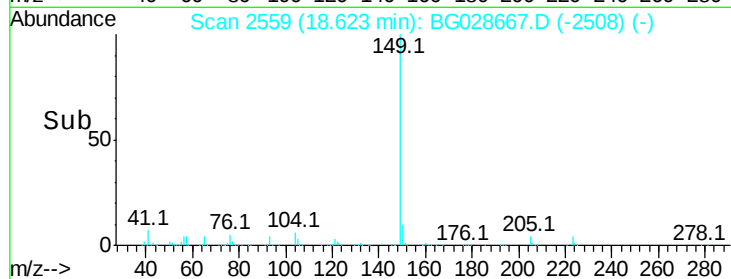
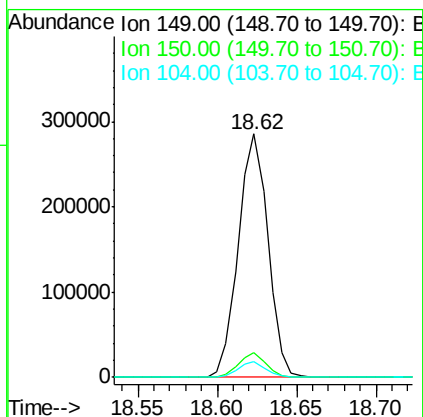
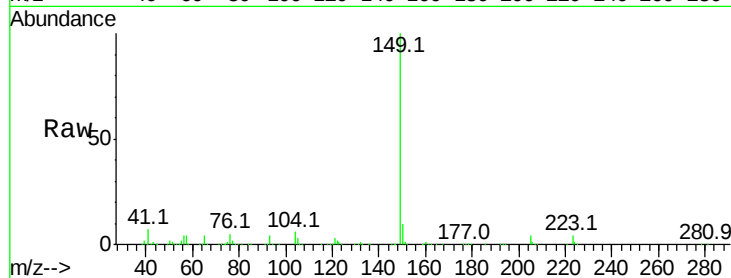




#73  
Di-n-butylphthalate  
Concen: 24.242 ng  
RT: 18.62 min Scan# 2559  
Delta R.T. -0.00 min  
Lab File: BG028667.D  
Acq: 12 Sep 2017 13:17

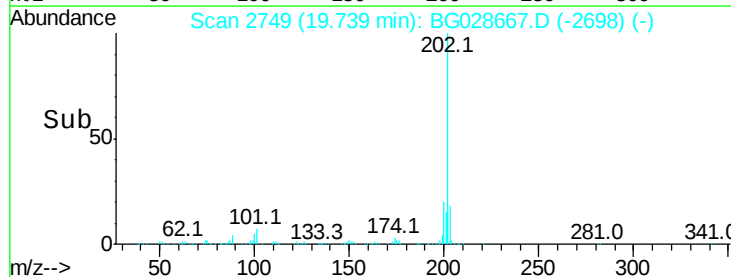
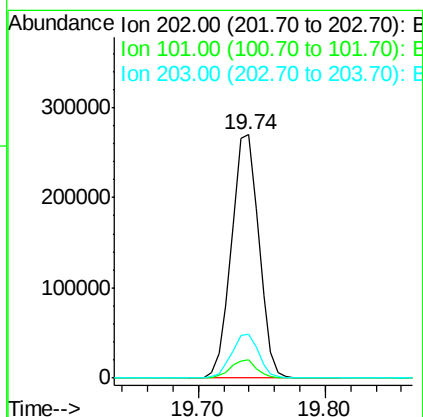
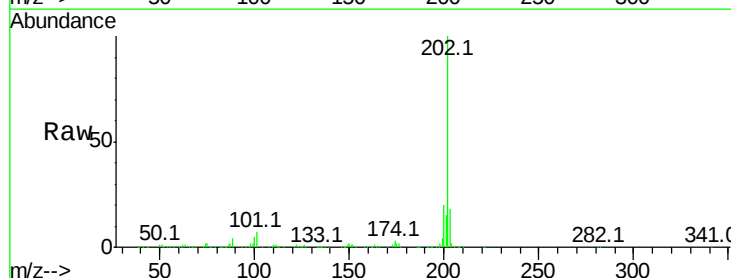
Instrument :  
BNA\_G  
ClientSampleId :

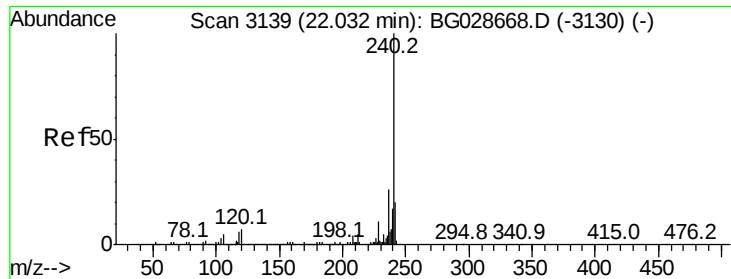
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.9   | 9.1   | 13.7  |
| 104     | 6.3   | 6.7   | 10.1  |



#74  
Fluoranthene  
Concen: 22.799 ng  
RT: 19.74 min Scan# 2749  
Delta R.T. -0.00 min  
Lab File: BG028667.D  
Acq: 12 Sep 2017 13:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 7.4   | 0.0   | 30.1  |
| 203     | 18.0  | 1.3   | 41.3  |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.03 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

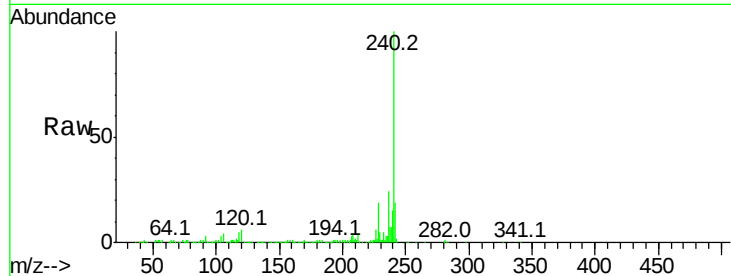
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:240 Resp: 291610

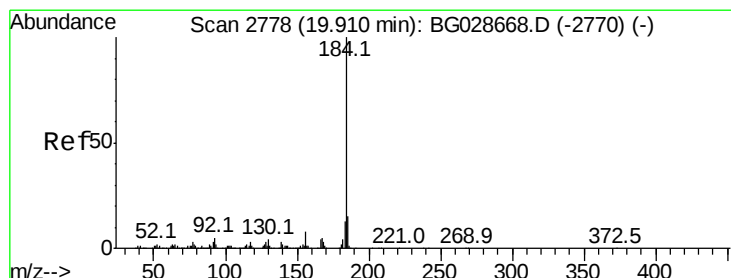
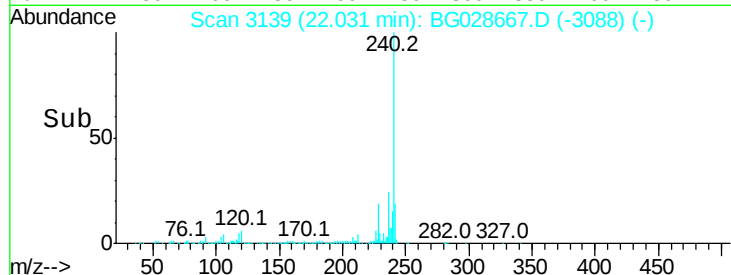
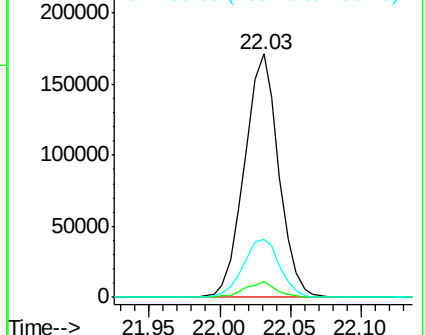
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 6.3   | 5.7   | 8.5   |
| 236 | 24.1  | 22.2  | 33.4  |



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: 27.477 ng

RT: 19.91 min Scan# 2778

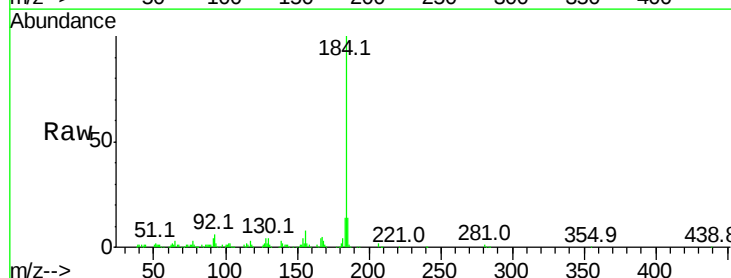
Delta R.T. -0.00 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

Tgt Ion:184 Resp: 162783

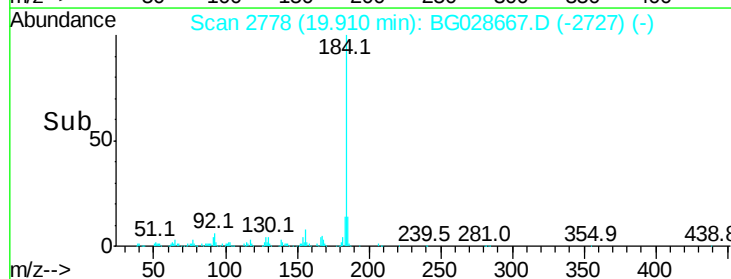
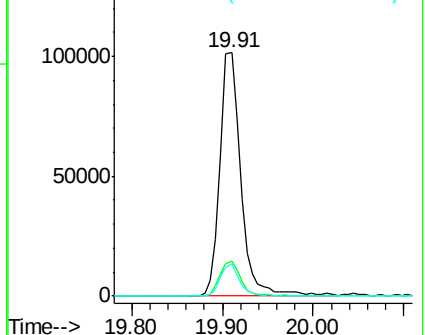
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.2  | 13.0  | 19.6  |
| 183 | 13.5  | 11.0  | 16.6  |

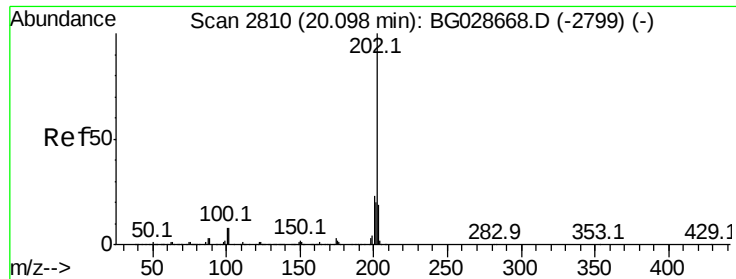


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 24.324 ng

RT: 20.10 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

Instrument :

BNA\_G

ClientSampleId :

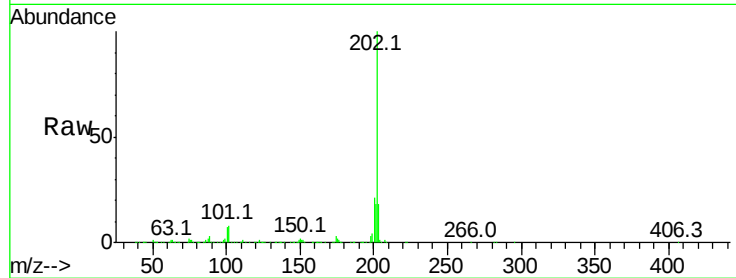
Tot Ion:202 Resp: 420710

Ion Ratio Lower Upper

202 100

200 21.0 19.6 29.4

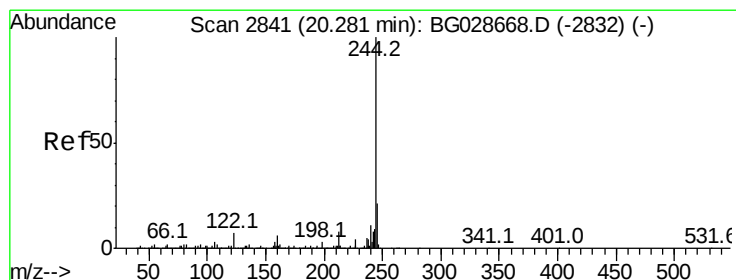
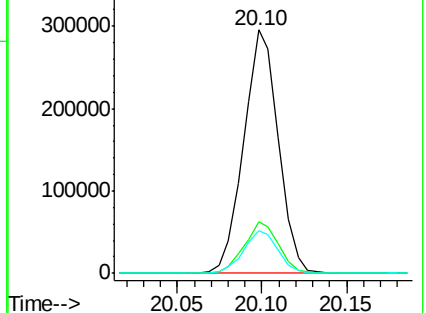
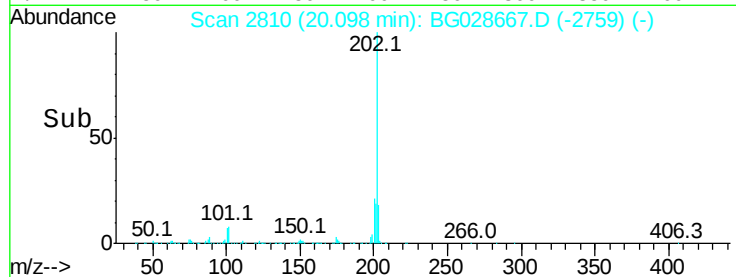
203 17.5 15.8 23.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 50.934 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

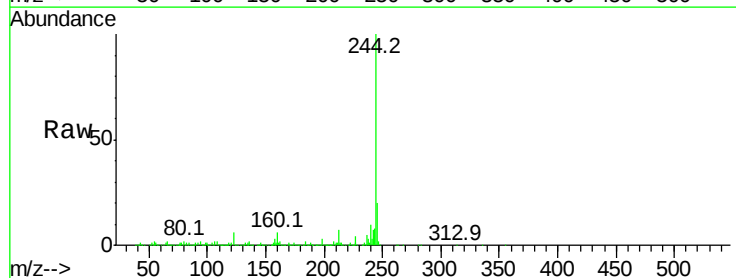
Tgt Ion:244 Resp: 689377

Ion Ratio Lower Upper

244 100

212 7.4 10.0 15.0#

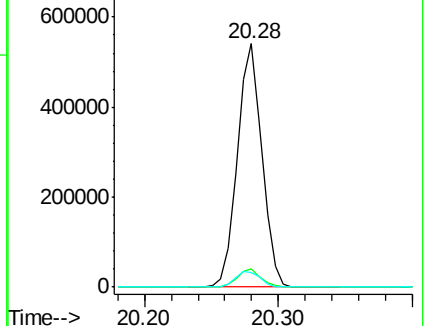
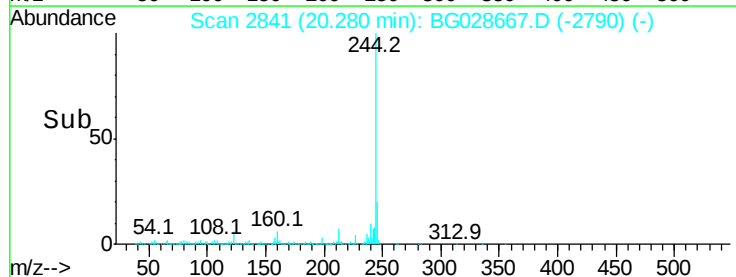
122 6.1 8.6 12.8#

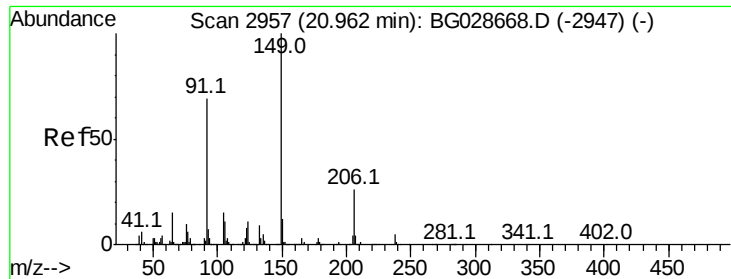


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 25.079 ng

RT: 20.96 min Scan# 2957

Delta R.T. -0.00 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

Instrument :

BNA\_G

ClientSampleId :

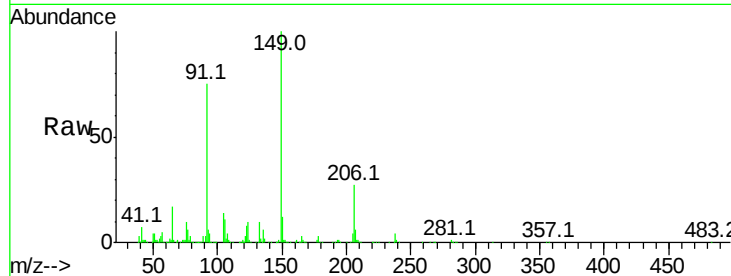
Tot Ion:149 Resp: 167791

Ion Ratio Lower Upper

149 100

91 74.5 63.5 95.3

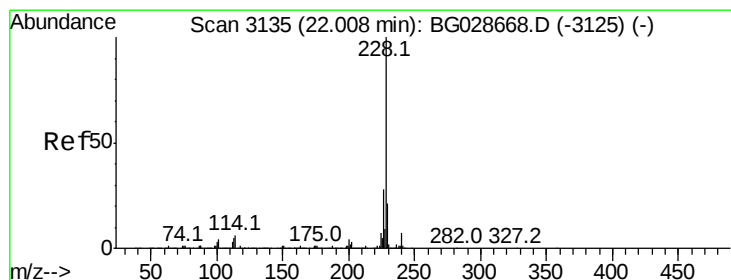
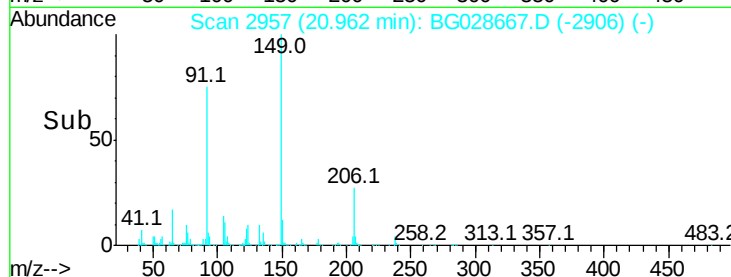
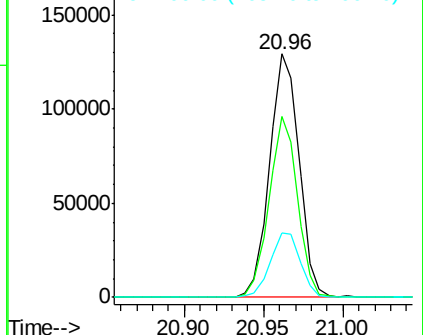
206 26.5 21.0 31.6



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: 25.155 ng

RT: 22.01 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

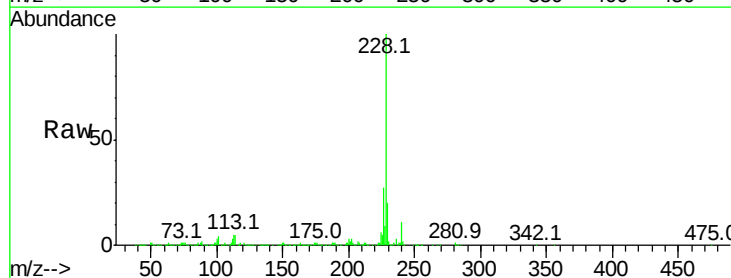
Tgt Ion:228 Resp: 439199

Ion Ratio Lower Upper

228 100

226 27.3 24.9 37.3

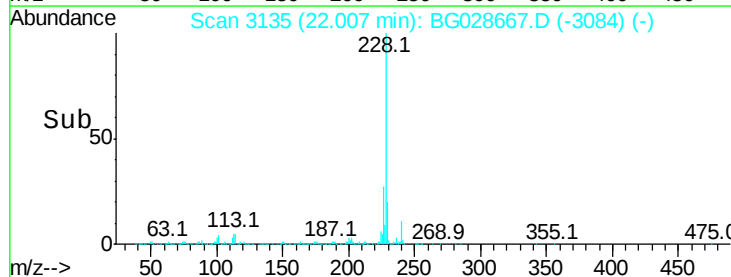
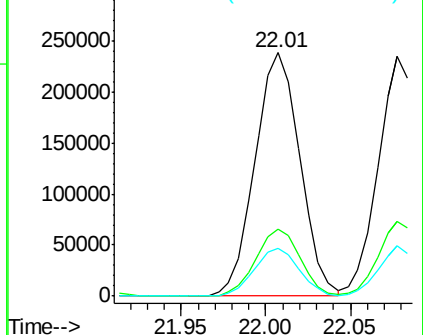
229 19.6 18.2 27.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

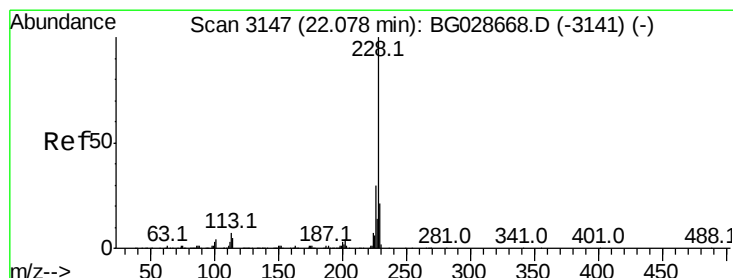
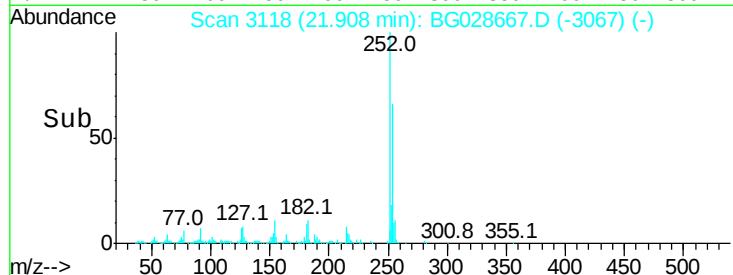
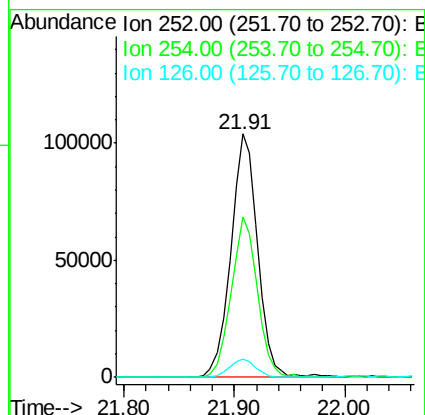
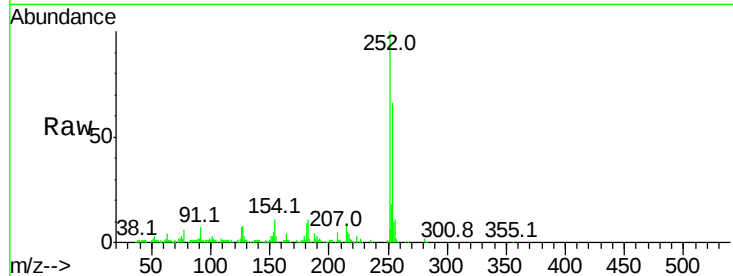




#81  
 3,3'-Dichlorobenzidine  
 Concen: 26.310 ng  
 RT: 21.91 min Scan# 3118  
 Delta R.T. -0.00 min  
 Lab File: BG028667.D  
 Acq: 12 Sep 2017 13:17

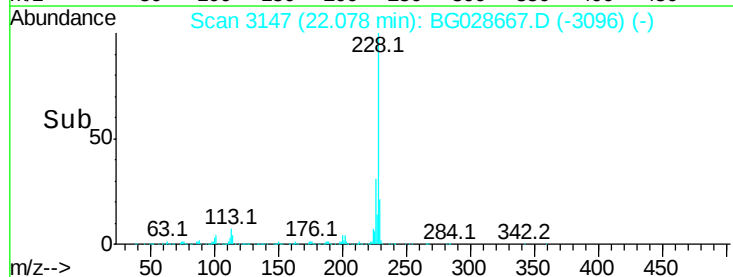
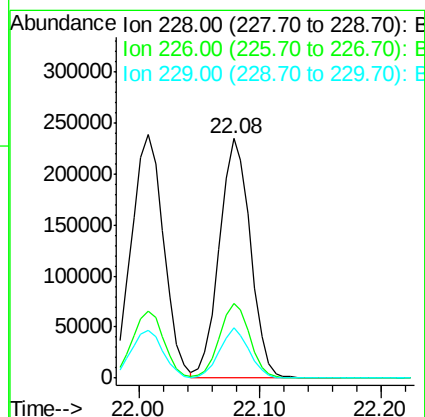
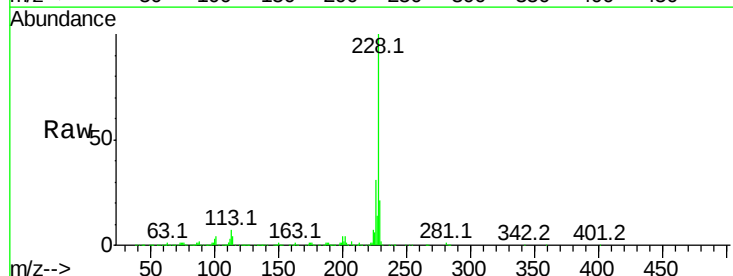
Instrument :  
 BNA\_G  
 ClientSampled :

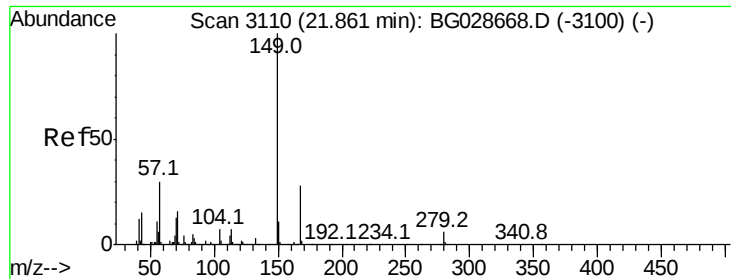
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.7  | 53.1  | 79.7  |
| 126     | 7.4   | 7.0   | 10.4  |



#82  
 Chrysene  
 Concen: 25.203 ng  
 RT: 22.08 min Scan# 3147  
 Delta R.T. -0.00 min  
 Lab File: BG028667.D  
 Acq: 12 Sep 2017 13:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.3  | 27.0  | 40.4  |
| 229     | 20.9  | 17.8  | 26.6  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 24.778 ng

RT: 21.86 min Scan# 3110

Delta R.T. -0.00 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

Instrument :

BNA\_G

ClientSampleId :

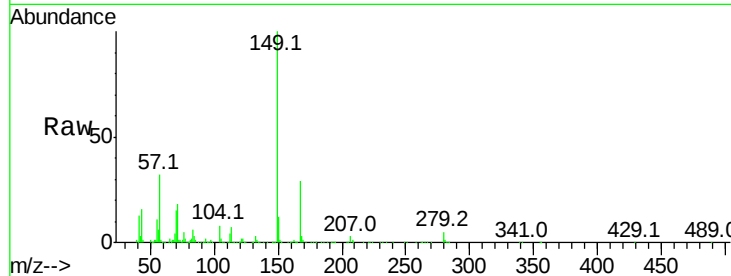
Tot Ion:149 Resp: 238849

Ion Ratio Lower Upper

149 100

167 28.9 23.7 35.5

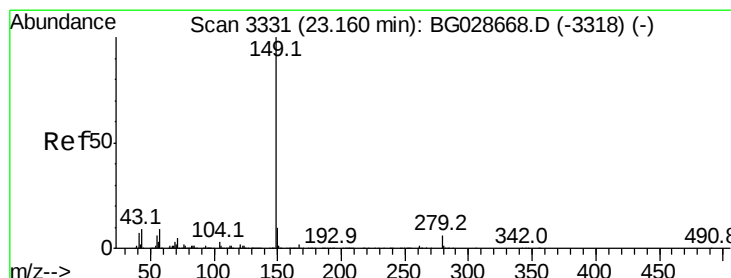
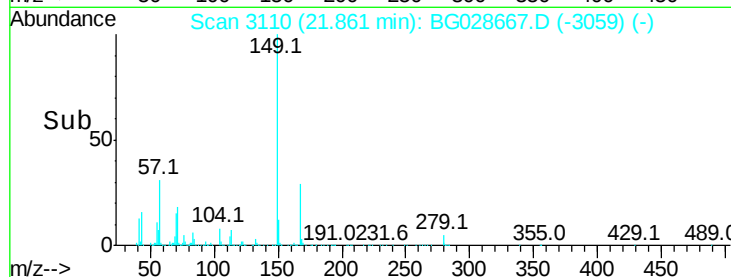
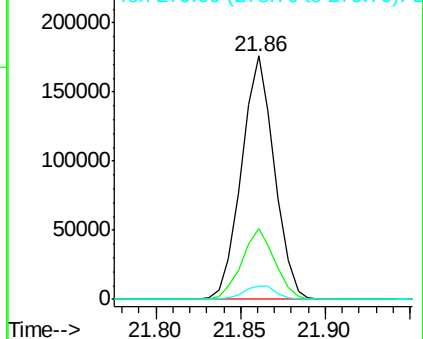
279 5.4 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 25.193 ng

RT: 23.16 min Scan# 3331

Delta R.T. -0.00 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

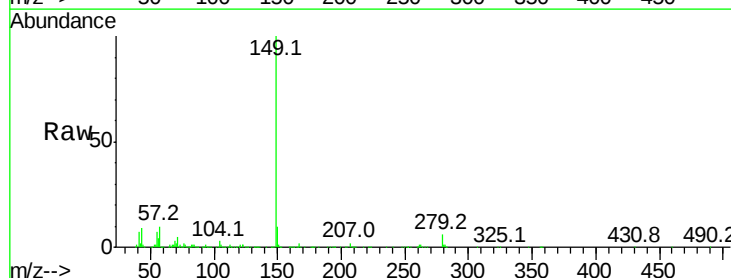
Tgt Ion:149 Resp: 416251

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

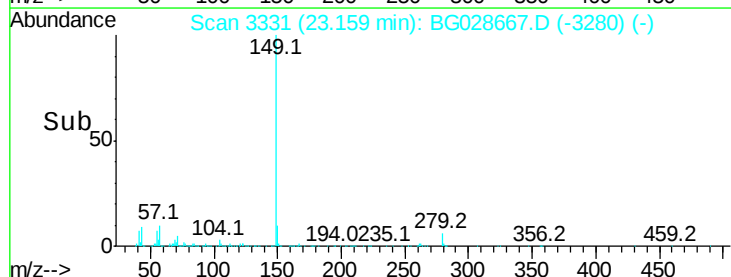
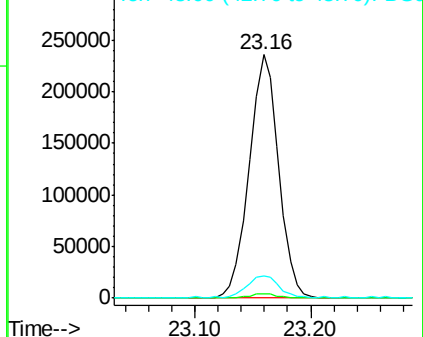
43 9.7 11.8 17.6#

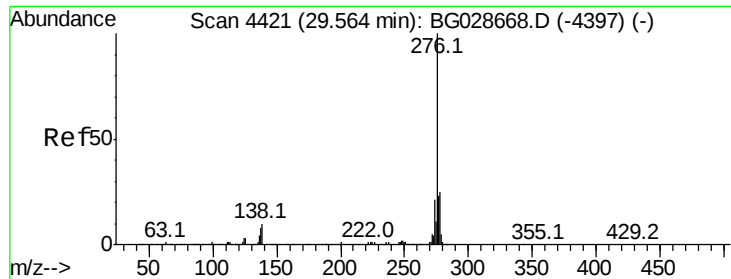


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

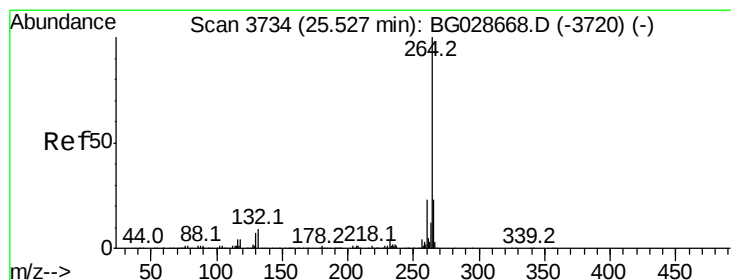
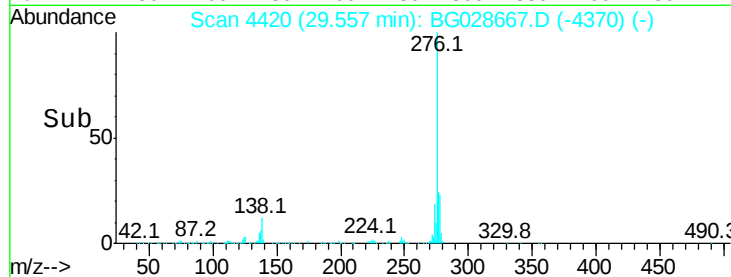
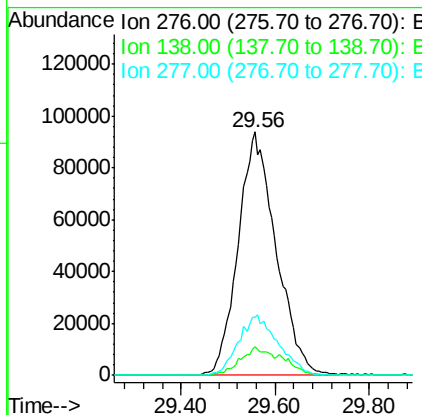
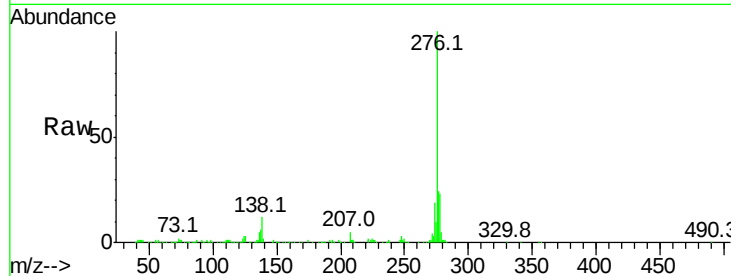




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 26.987 ng  
 RT: 29.56 min Scan# 4420  
 Delta R.T. -0.01 min  
 Lab File: BG028667.D  
 Acq: 12 Sep 2017 13:17

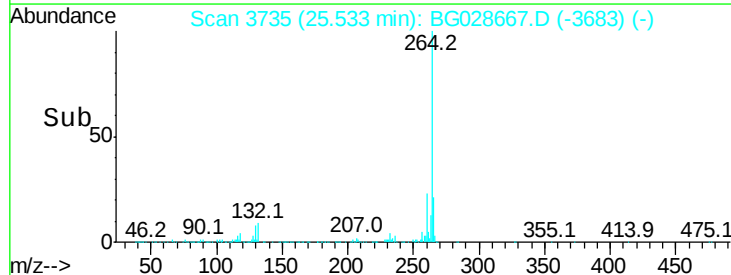
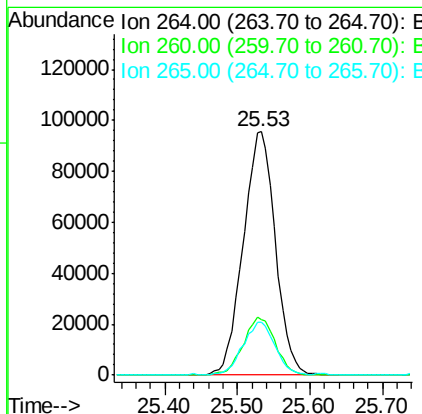
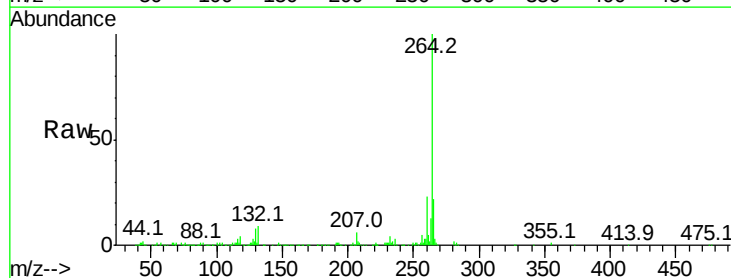
Instrument :  
 BNA\_G  
 ClientSampleId :

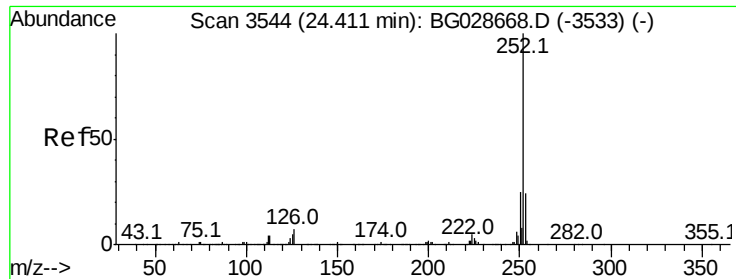
Tot Ion:276 Resp: 526420  
 Ion Ratio Lower Upper  
 276 100  
 138 9.1 4.7 7.1#  
 277 25.6 20.6 31.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.53 min Scan# 3735  
 Delta R.T. 0.01 min  
 Lab File: BG028667.D  
 Acq: 12 Sep 2017 13:17

Tgt Ion:264 Resp: 293937  
 Ion Ratio Lower Upper  
 264 100  
 260 22.8 21.8 32.8  
 265 21.5 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 23.850 ng

RT: 24.41 min Scan# 3544

Delta R.T. -0.00 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

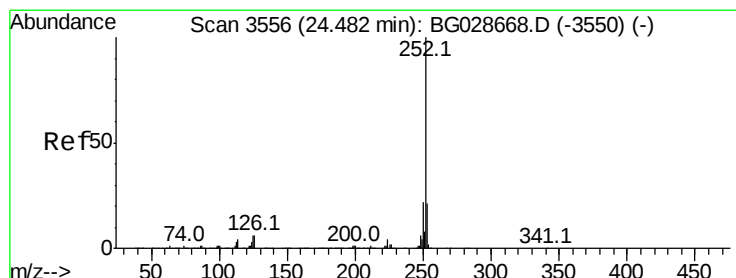
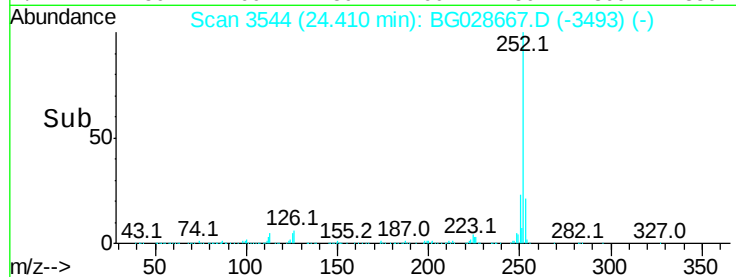
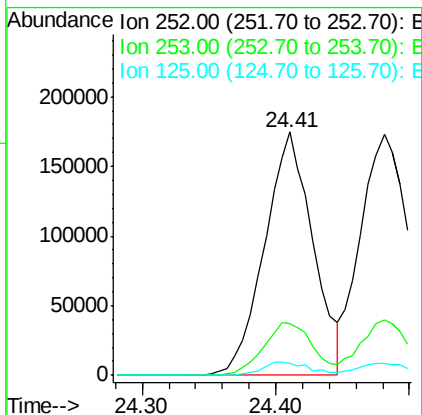
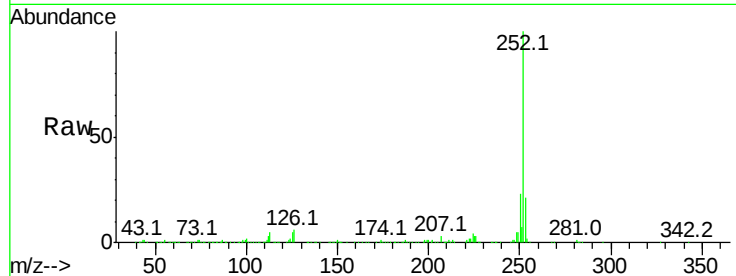
Instrument :

BNA\_G

ClientSampled :

Tot Ion:252 Resp: 439105

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.0  | 18.7  | 28.1  |
| 125 | 5.0   | 5.3   | 7.9#  |



#88

Benzo(k)fluoranthene

Concen: 24.594 ng

RT: 24.48 min Scan# 3556

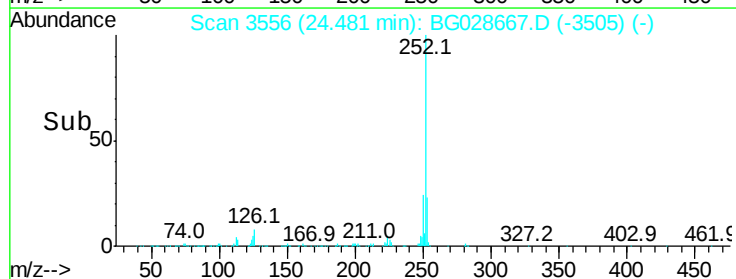
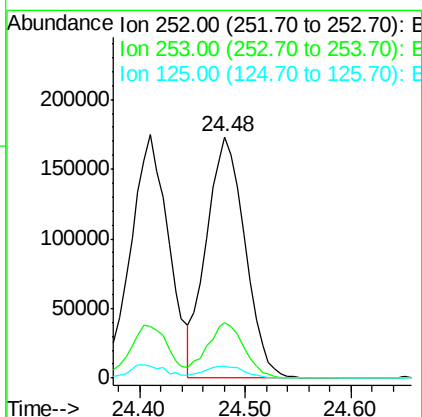
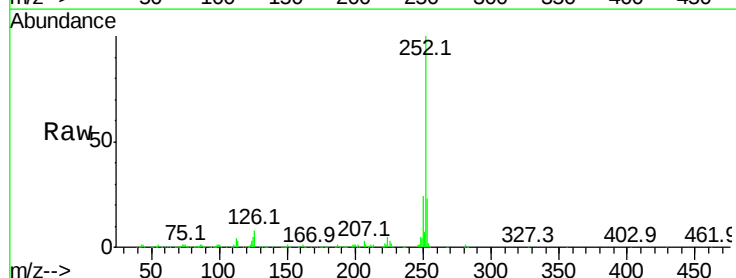
Delta R.T. -0.00 min

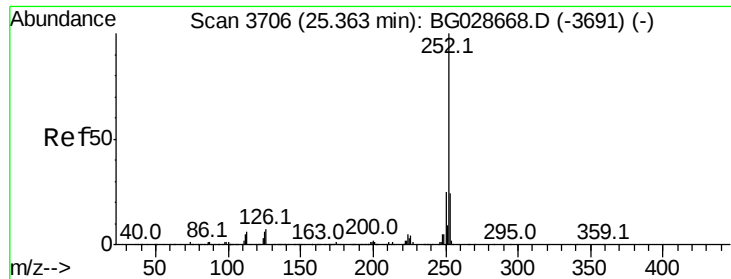
Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

Tgt Ion:252 Resp: 437224

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.1  | 20.2  | 30.2  |
| 125 | 5.0   | 5.1   | 7.7#  |





#89

Benzo(a)pyrene

Concen: 24.582 ng

RT: 25.37 min Scan# 3707

Delta R.T. 0.01 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

Instrument :

BNA\_G

ClientSampleId :

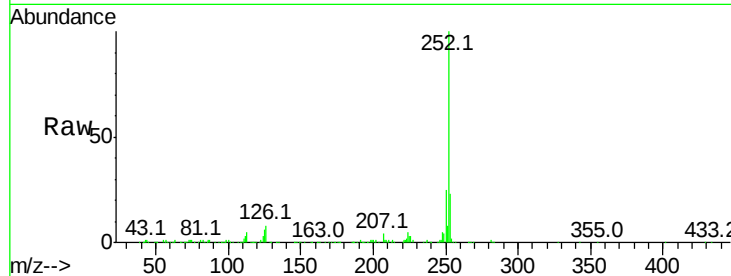
Tot Ion:252 Resp: 424514

Ion Ratio Lower Upper

252 100

253 22.6 19.2 28.8

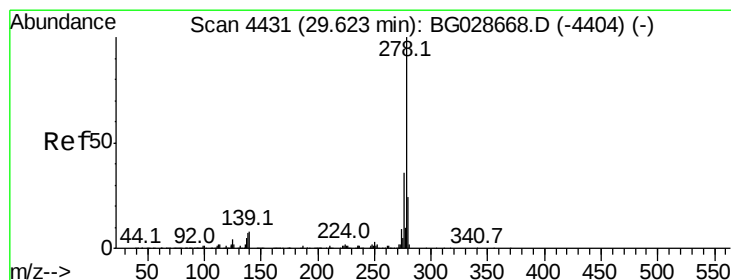
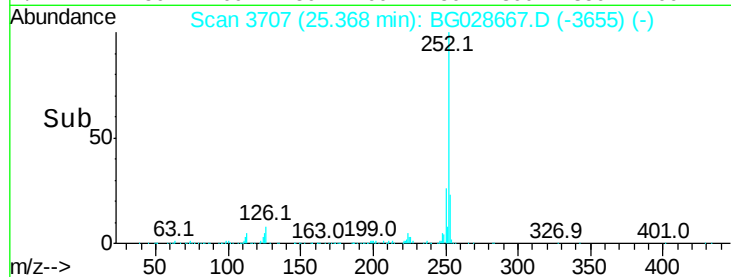
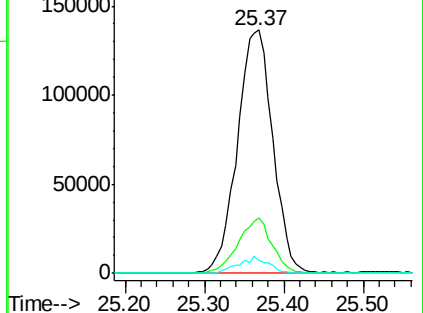
125 5.6 5.4 8.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 24.396 ng

RT: 29.61 min Scan# 4429

Delta R.T. -0.01 min

Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

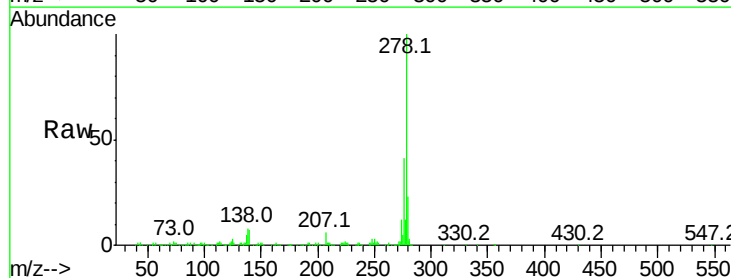
Tgt Ion:278 Resp: 437149

Ion Ratio Lower Upper

278 100

139 7.1 7.7 11.5#

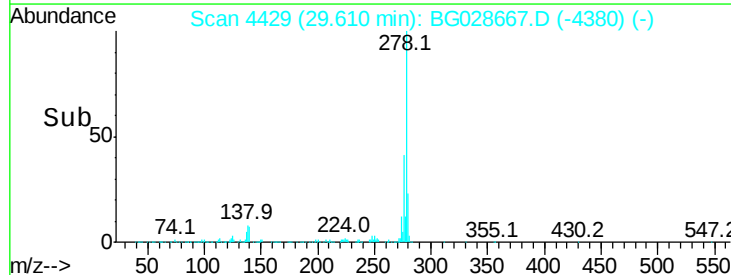
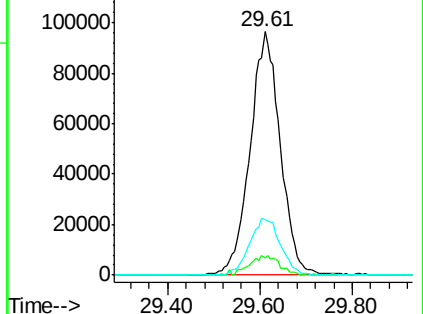
279 22.8 19.1 28.7

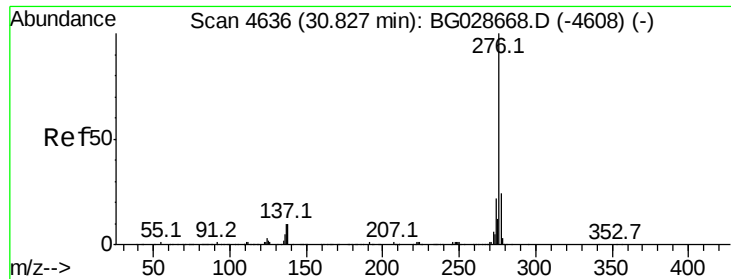


Abundance Ion 278.00 (277.70 to 278.70): E

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: 24.413 ng

RT: 30.81 min Scan# 4634

Delta R.T. -0.01 min

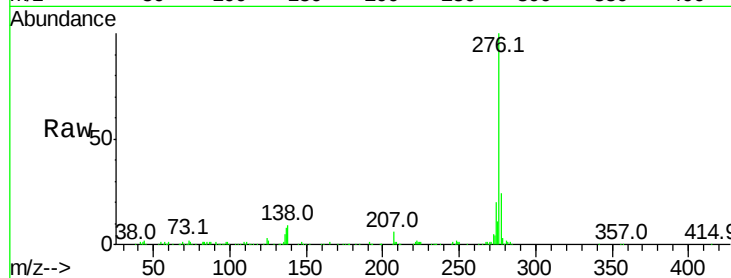
Lab File: BG028667.D

Acq: 12 Sep 2017 13:17

Instrument :

BNA\_G

ClientSampleId :



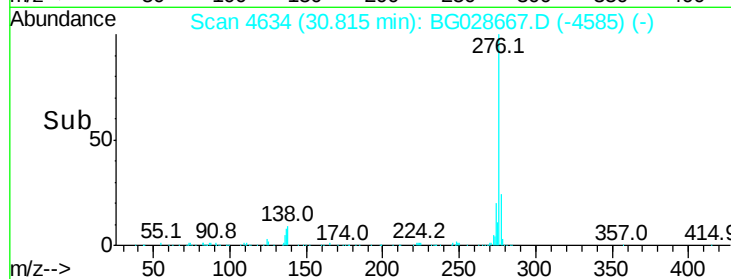
Tot Ion:276 Resp: 429057

Ion Ratio Lower Upper

276 100

277 24.1 18.6 27.8

138 9.3 8.1 12.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

