

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122217\  
 Data File : BG031715.D  
 Acq On : 22 Dec 2017 17:32  
 Operator : SJ/JU  
 Sample : PB105237BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB105237BS

Quant Time: Dec 23 01:08:16 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 22 11:08:55 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.82  | 152  | 52318    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 11.71 | 136  | 216928   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 15.46 | 164  | 147947   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 18.19 | 188  | 370108   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 22.55 | 240  | 427190   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 26.34 | 264  | 478212   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 6.24  | 112 | 381991  | 132.99 | ng | 0.00  |
| 7) Phenol-d6             | 7.92  | 99  | 491965  | 131.92 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 10.03 | 82  | 255890  | 89.07  | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 16.94 | 330 | 333200  | 147.60 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 14.09 | 172 | 986821  | 83.72  | ng | -0.01 |
| 78) Terphenyl-d14        | 20.73 | 244 | 1722385 | 92.11  | ng | -0.01 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.89  | 88  | 31964  | 30.019 | ng | # 71   |
| 3) Pyridine                    | 4.35  | 79  | 93631  | 32.897 | ng | # 75   |
| 4) n-Nitrosodimethylamine      | 4.25  | 42  | 42339  | 36.864 | ng | # 90   |
| 6) Aniline                     | 8.12  | 93  | 82529  | 17.200 | ng | 92     |
| 8) 2-Chlorophenol              | 8.37  | 128 | 143114 | 42.952 | ng | # 82   |
| 9) Benzaldehyde                | 7.92  | 77  | 49993  | 22.263 | ng | 81     |
| 10) Phenol                     | 7.95  | 94  | 164249 | 43.623 | ng | 92     |
| 11) bis(2-Chloroethyl)ether    | 8.21  | 93  | 111992 | 35.815 | ng | # 78   |
| 12) 1,3-Dichlorobenzene        | 8.71  | 146 | 154442 | 37.325 | ng | # 93   |
| 13) 1,4-Dichlorobenzene        | 8.86  | 146 | 158831 | 37.578 | ng | 94     |
| 14) 1,2-Dichlorobenzene        | 9.20  | 146 | 151169 | 37.745 | ng | 96     |
| 15) Benzyl Alcohol             | 9.06  | 79  | 115076 | 41.104 | ng | 90     |
| 16) 2,2'-oxybis(1-Chloropropan | 9.36  | 45  | 115790 | 45.471 | ng | 81     |
| 17) 2-Methylphenol             | 9.26  | 107 | 116204 | 43.134 | ng | 95     |
| 18) Hexachloroethane           | 9.96  | 117 | 49666  | 38.797 | ng | # 84   |
| 19) n-Nitroso-di-n-propylamine | 9.64  | 70  | 89961  | 35.321 | ng | # 83   |
| 20) 3+4-Methylphenols          | 9.59  | 107 | 159699 | 41.709 | ng | 94     |
| 22) Acetophenone               | 9.67  | 105 | 201676 | 40.016 | ng | # 86   |
| 24) Nitrobenzene               | 10.07 | 77  | 125253 | 42.304 | ng | # 81   |
| 25) Isophorone                 | 10.60 | 82  | 252790 | 40.877 | ng | # 83   |
| 26) 2-Nitrophenol              | 10.80 | 139 | 77566  | 49.966 | ng | # 85   |
| 27) 2,4-Dimethylphenol         | 10.83 | 122 | 156809 | 48.003 | ng | 89     |
| 28) bis(2-Chloroethoxy)methane | 11.08 | 93  | 163600 | 39.426 | ng | # 96   |
| 29) 2,4-Dichlorophenol         | 11.34 | 162 | 174458 | 45.492 | ng | 90     |
| 30) 1,2,4-Trichlorobenzene     | 11.57 | 180 | 182950 | 39.072 | ng | 98     |
| 31) Naphthalene                | 11.77 | 128 | 429383 | 39.221 | ng | 100    |
| 32) Benzoic acid               | 10.95 | 122 | 100328 | 45.451 | ng | # 81   |
| 33) 4-Chloroaniline            | 11.85 | 127 | 66925  | 13.731 | ng | # 89   |
| 34) Hexachlorobutadiene        | 12.04 | 225 | 124406 | 38.700 | ng | 97     |
| 35) Caprolactam                | 12.61 | 113 | 54642  | 47.007 | ng | # 51   |
| 36) 4-Chloro-3-methylphenol    | 12.92 | 107 | 159311 | 44.981 | ng | # 80   |
| 37) 2-Methylnaphthalene        | 13.32 | 142 | 364344 | 41.053 | ng | 92     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.68 | 216 | 253282 | 40.644 | ng | # 98   |
| 40) Hexachlorocyclopentadiene  | 13.65 | 237 | 325171 | 98.913 | ng | 92     |

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 ALS Vial : 3 Sample Multiplier: 1

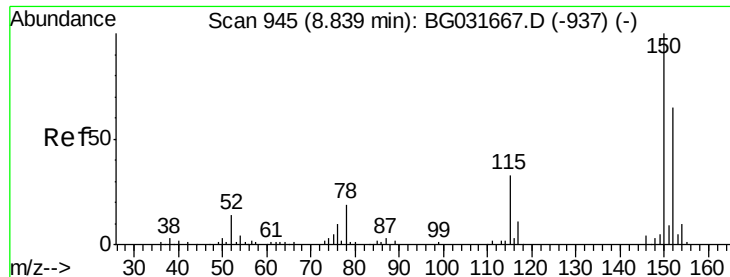
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB105237BS

Quant Time: Dec 23 01:08:16 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 22 11:08:55 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.90 | 196  | 164141   | 45.685  | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 13.98 | 196  | 182046   | 45.721  | ng    | # 91     |
| 45) 1,1'-Biphenyl              | 14.30 | 154  | 522975   | 41.387  | ng    | 95       |
| 46) 2-Chloronaphthalene        | 14.35 | 162  | 397662   | 41.259  | ng    | 94       |
| 47) 2-Nitroaniline             | 14.53 | 65   | 80283    | 48.229  | ng    | # 62     |
| 48) Acenaphthylene             | 15.19 | 152  | 604034   | 39.173  | ng    | 99       |
| 49) Dimethylphthalate          | 14.89 | 163  | 530498   | 40.702  | ng    | # 99     |
| 50) 2,6-Dinitrotoluene         | 15.01 | 165  | 115715   | 48.261  | ng    | # 66     |
| 51) Acenaphthene               | 15.53 | 154  | 439302   | 43.501  | ng    | 95       |
| 52) 3-Nitroaniline             | 15.34 | 138  | 54522    | 23.307  | ng    | # 69     |
| 53) 2,4-Dinitrophenol          | 15.54 | 184  | 114999   | 109.762 | ng    | # 75     |
| 54) Dibenzofuran               | 15.86 | 168  | 630638   | 40.738  | ng    | 97       |
| 55) 4-Nitrophenol              | 15.62 | 139  | 186619   | 98.018  | ng    | # 71     |
| 56) 2,4-Dinitrotoluene         | 15.79 | 165  | 162190   | 52.606  | ng    | # 65     |
| 57) Fluorene                   | 16.50 | 166  | 510388   | 40.586  | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 16.06 | 232  | 188676   | 48.568  | ng    | # 84     |
| 59) Diethylphthalate           | 16.24 | 149  | 512464   | 40.341  | ng    | 96       |
| 60) 4-Chlorophenyl-phenylether | 16.48 | 204  | 310556   | 40.361  | ng    | 91       |
| 61) 4-Nitroaniline             | 16.50 | 138  | 93493    | 40.956  | ng    | 78       |
| 62) Azobenzene                 | 16.77 | 77   | 332846   | 40.856  | ng    | 81       |
| 64) 4,6-Dinitro-2-methylphenol | 16.55 | 198  | 79097    | 44.634  | ng    | # 66     |
| 65) n-Nitrosodiphenylamine     | 16.69 | 169  | 482353   | 39.241  | ng    | 98       |
| 66) 4-Bromophenyl-phenylether  | 17.37 | 248  | 227361   | 42.482  | ng    | 93       |
| 67) Hexachlorobenzene          | 17.49 | 284  | 235096   | 42.970  | ng    | # 90     |
| 68) Atrazine                   | 17.61 | 200  | 207066   | 43.322  | ng    | 97       |
| 69) Pentachlorophenol          | 17.83 | 266  | 311451   | 82.763  | ng    | 99       |
| 70) Phenanthrene               | 18.24 | 178  | 861261   | 41.119  | ng    | 100      |
| 71) Anthracene                 | 18.33 | 178  | 887806   | 42.019  | ng    | 98       |
| 72) Carbazole                  | 18.58 | 167  | 773578   | 41.366  | ng    | 99       |
| 73) Di-n-butylphthalate        | 19.10 | 149  | 859231   | 41.344  | ng    | 99       |
| 74) Fluoranthene               | 20.20 | 202  | 1089615  | 42.397  | ng    | 96       |
| 76) Benzidine                  | 20.35 | 184  | 304464   | 23.091  | ng    | 96       |
| 77) Pyrene                     | 20.55 | 202  | 1102905  | 40.418  | ng    | 97       |
| 79) Butylbenzylphthalate       | 21.43 | 149  | 389202   | 42.488  | ng    | # 75     |
| 80) Benzo(a)anthracene         | 22.54 | 228  | 1133144  | 41.699  | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 22.42 | 252  | 230558   | 21.883  | ng    | # 95     |
| 82) Chrysene                   | 22.61 | 228  | 1080639  | 42.030  | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 22.39 | 149  | 555481   | 41.856  | ng    | # 98     |
| 84) Di-n-octyl phthalate       | 23.81 | 149  | 970009   | 43.399  | ng    | # 87     |
| 85) Indeno(1,2,3-cd)pyrene     | 30.74 | 276  | 1503638  | 45.586  | ng    | # 86     |
| 87) Benzo(b)fluoranthene       | 25.13 | 252  | 1258023  | 42.380  | ng    | # 96     |
| 88) Benzo(k)fluoranthene       | 25.21 | 252  | 1203223  | 40.502  | ng    | # 97     |
| 89) Benzo(a)pyrene             | 26.16 | 252  | 1216450  | 42.788  | ng    | # 97     |
| 90) Dibenzo(a,h)anthracene     | 30.83 | 278  | 1243081  | 42.337  | ng    | # 96     |
| 91) Benzo(g,h,i)perylene       | 30.74 | 276  | 1503638  | 43.375  | ng    | # 92     |

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



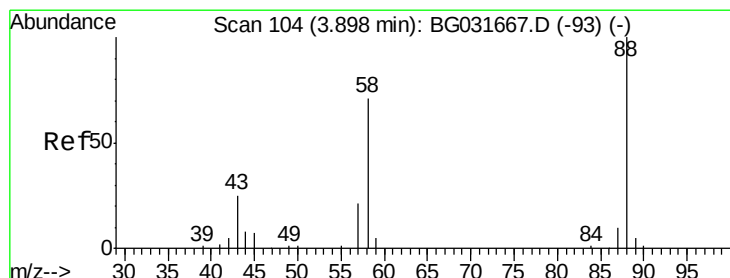
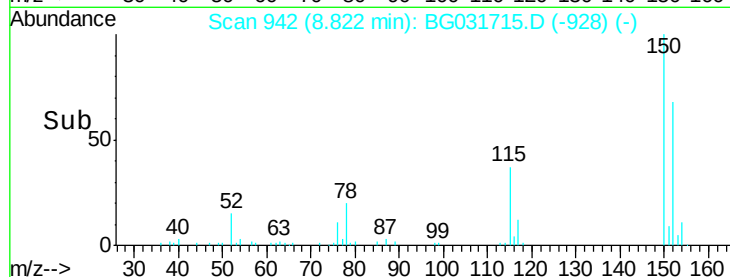
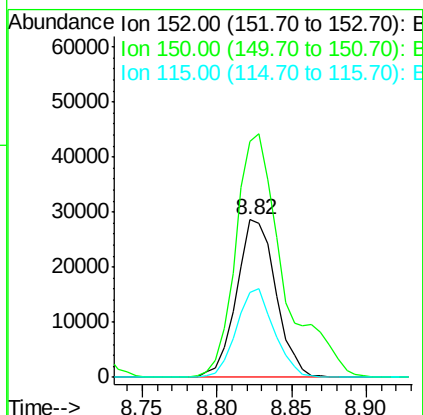
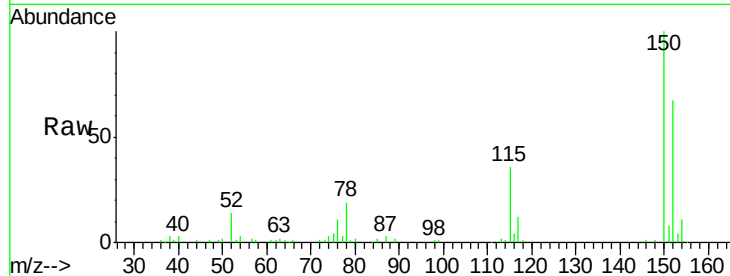


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.82 min Scan# 942  
Delta R.T. -0.02 min  
Lab File: BG031715.D  
Acq: 22 Dec 2017 17:32

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BNA\_G  
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PB105237BS

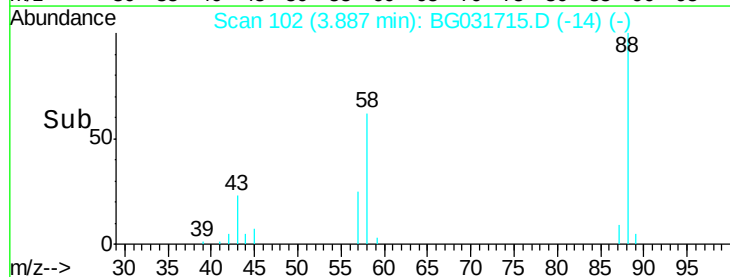
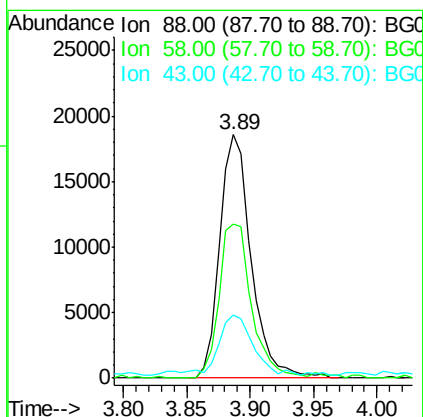
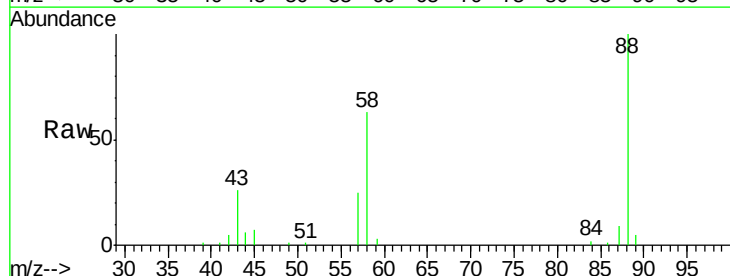
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 149.8 | 126.6 | 189.8 |
| 115     | 54.2  | 53.0  | 79.4  |

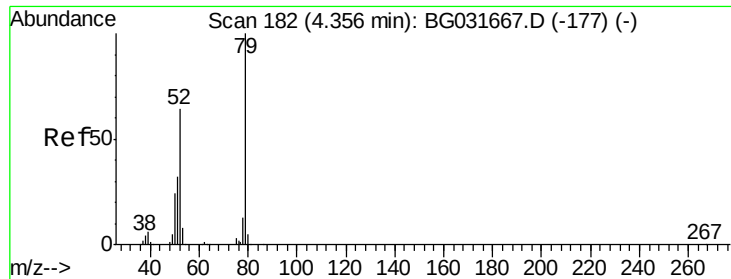


#2

1,4-Dioxane  
Concen: 30.019 ng  
RT: 3.89 min Scan# 102  
Delta R.T. -0.01 min  
Lab File: BG031715.D  
Acq: 22 Dec 2017 17:32

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 88      | 100   |       |        |
| 58      | 65.3  | 79.6  | 119.4# |
| 43      | 27.0  | 27.4  | 41.0#  |





#3

Pvridine

Concen: 32.897 ng

RT: 4.35 min Scan# 180

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

Instrument :

BNA\_G

ClientSampleId :

PB105237BS

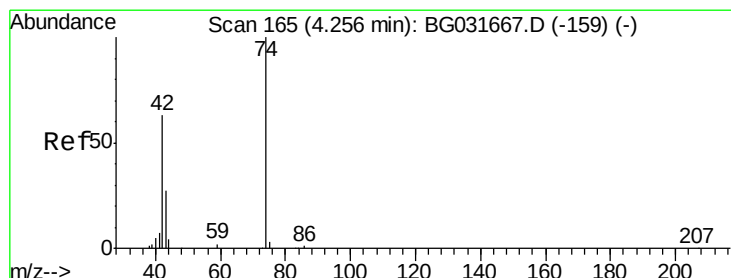
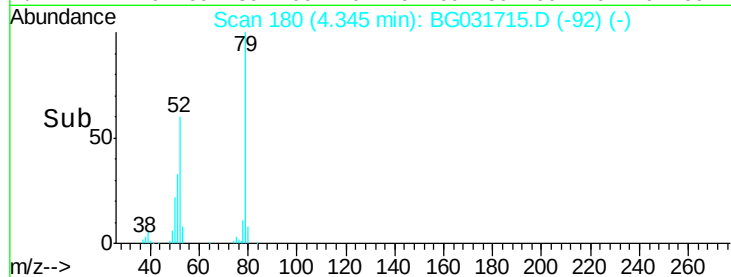
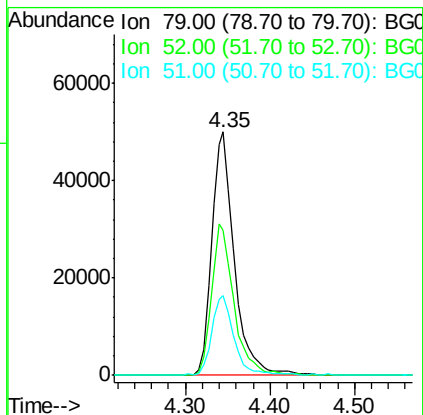
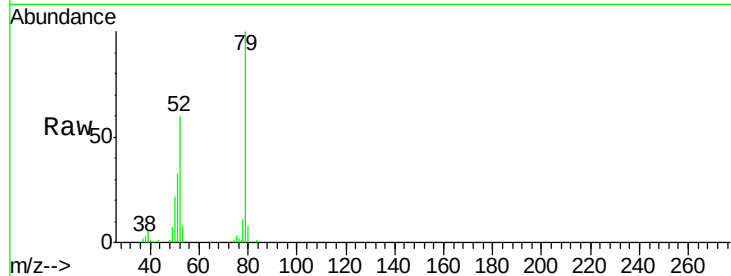
Tot Ion: 79 Resp: 93631

Ion Ratio Lower Upper

79 100

52 59.6 69.9 104.9#

51 32.9 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 36.864 ng

RT: 4.25 min Scan# 163

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

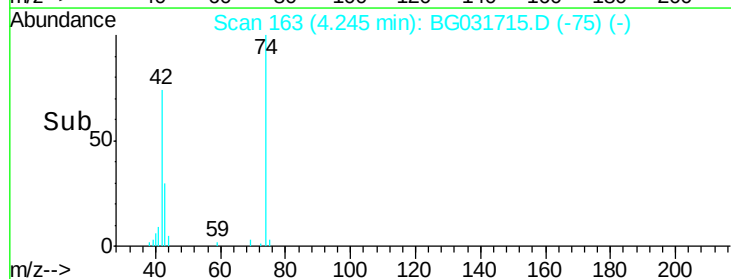
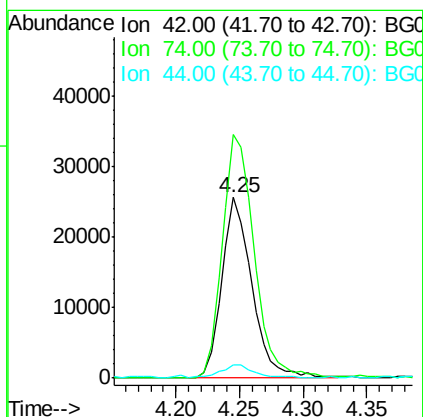
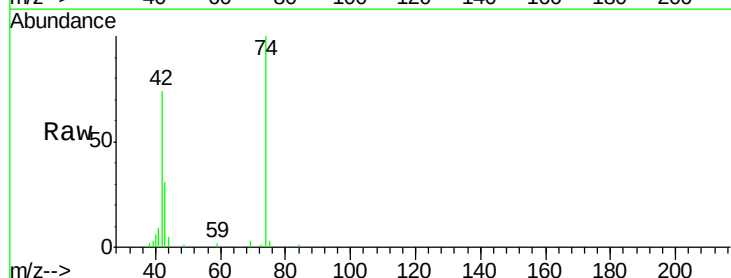
Tgt Ion: 42 Resp: 42339

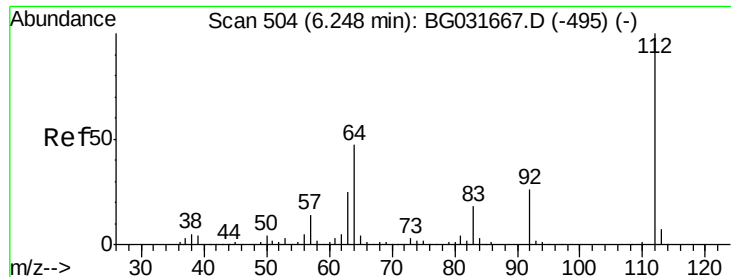
Ion Ratio Lower Upper

42 100

74 135.0 102.5 153.7

44 7.1 18.9 28.3#





#5

2-Fluorophenol

Concen: 132.985 ng

RT: 6.24 min Scan# 503

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

Instrument :

BNA\_G

ClientSampleId :

PB105237BS

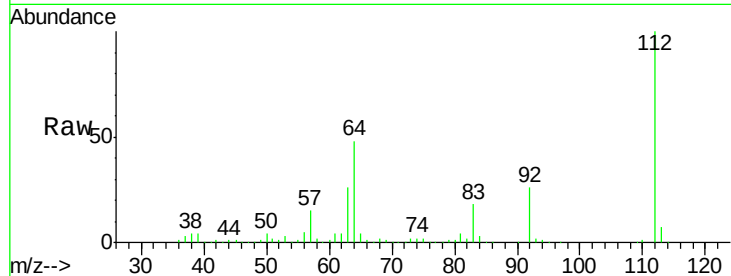
Tot Ion: 112 Resp: 381991

Ion Ratio Lower Upper

112 100

64 47.6 56.3 84.5#

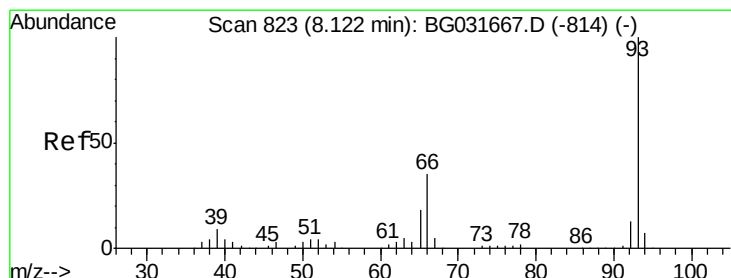
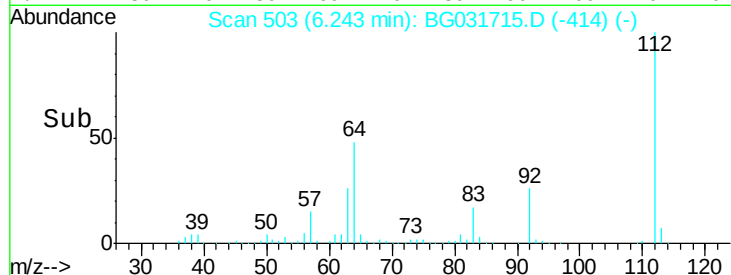
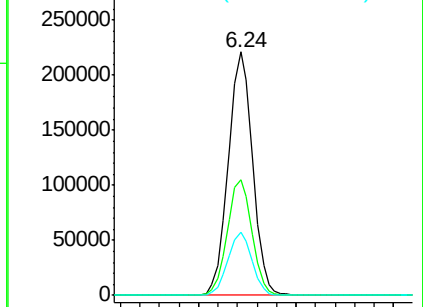
63 25.8 30.1 45.1#



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: 17.200 ng

RT: 8.12 min Scan# 822

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

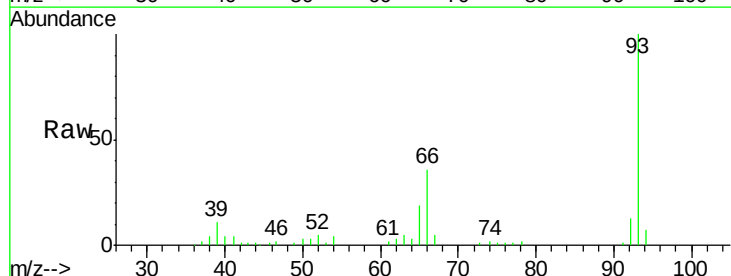
Tgt Ion: 93 Resp: 82529

Ion Ratio Lower Upper

93 100

66 35.6 33.7 50.5

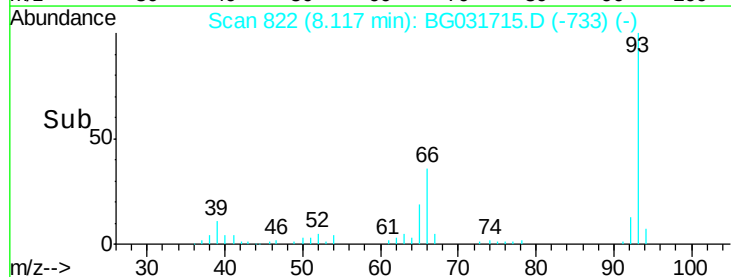
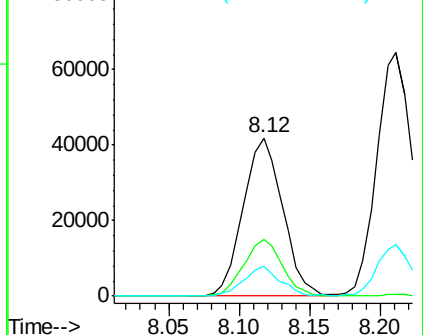
65 18.7 16.1 24.1

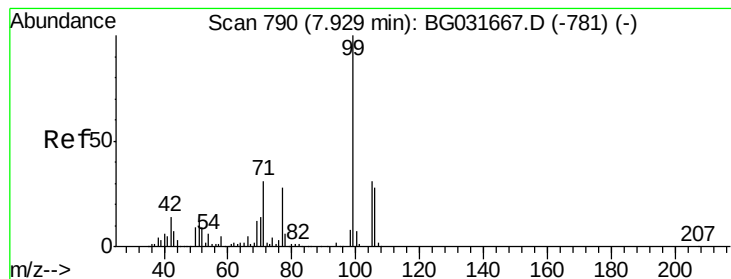


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 131.917 ng

RT: 7.92 min Scan# 789

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

Instrument :

BNA\_G

ClientSampleId :

PB105237BS

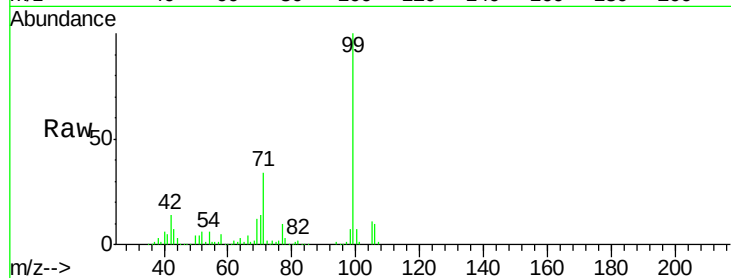
Tot Ion: 99 Resp: 491965

Ion Ratio Lower Upper

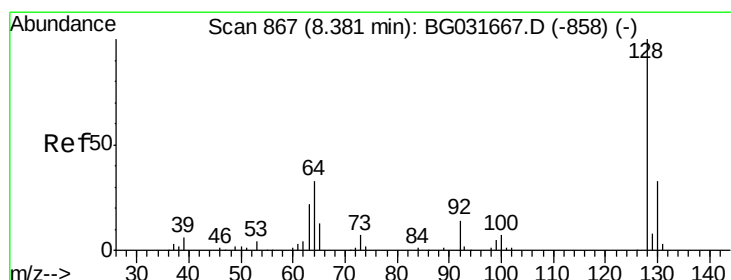
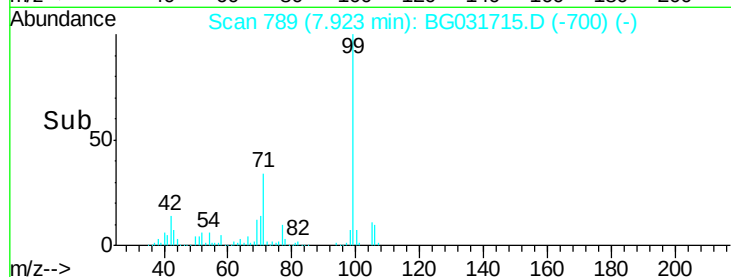
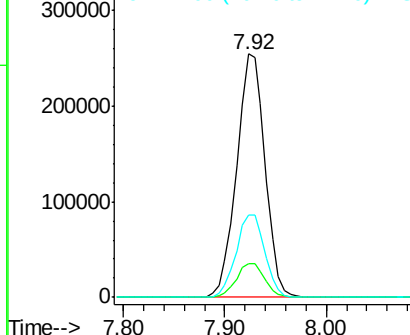
99 100

42 13.9 14.1 21.1#

71 33.7 26.1 39.1



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: 42.952 ng

RT: 8.37 min Scan# 865

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

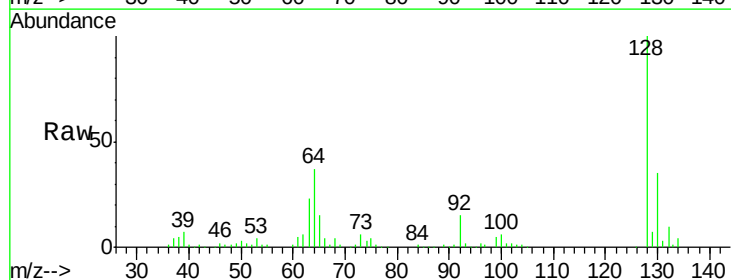
Tgt Ion: 128 Resp: 143114

Ion Ratio Lower Upper

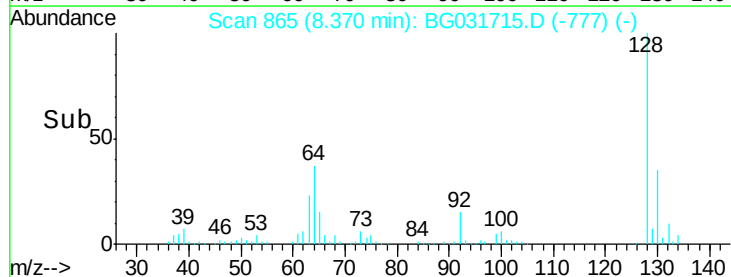
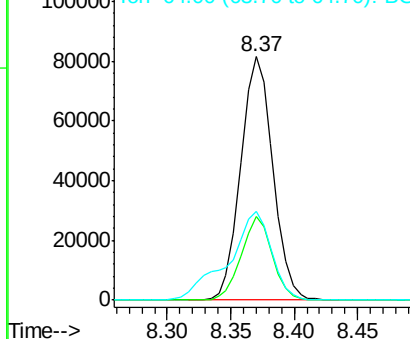
128 100

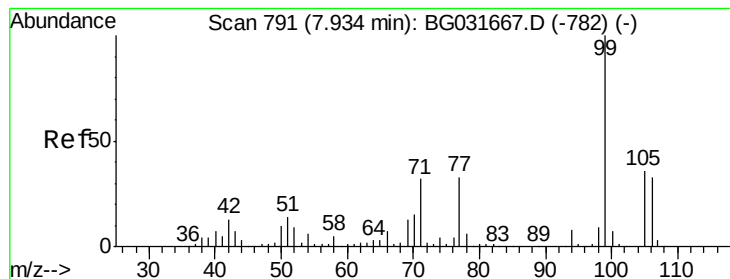
130 34.5 14.0 54.0

64 36.6 37.7 77.7#



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: 22.263 ng

RT: 7.92 min Scan# 789

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

Instrument :

BNA\_G

ClientSampleId :

PB105237BS

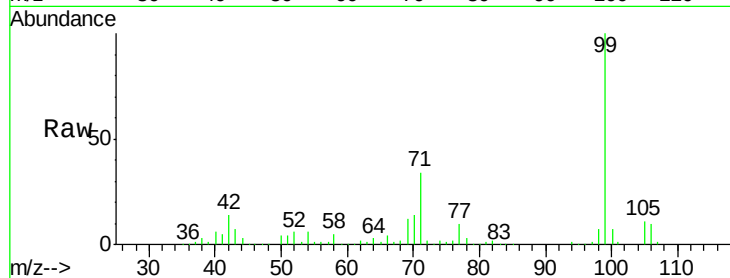
Tot Ion: 77 Resp: 49993

Ion Ratio Lower Upper

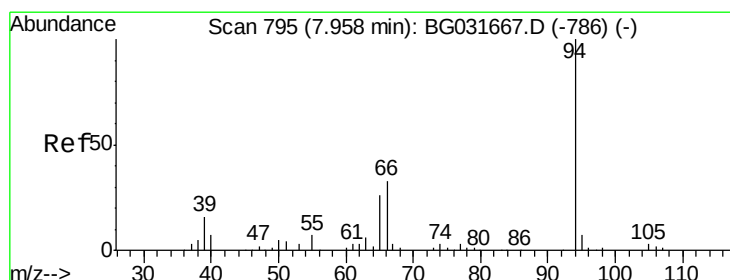
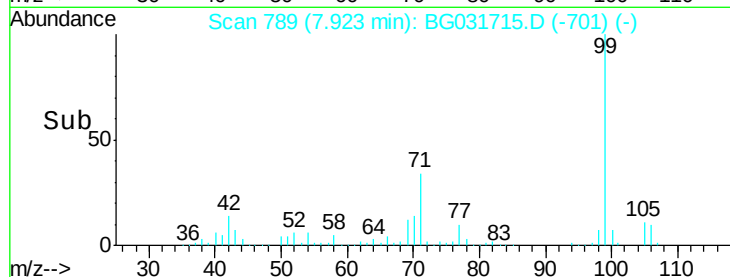
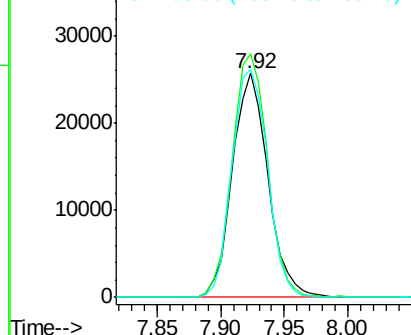
77 100

105 108.5 71.3 111.3

106 101.6 64.2 104.2



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: 43.623 ng

RT: 7.95 min Scan# 794

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

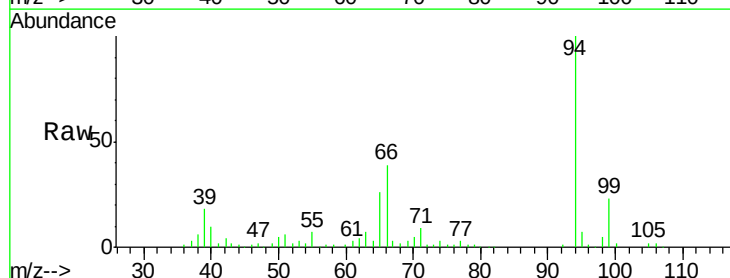
Tgt Ion: 94 Resp: 164249

Ion Ratio Lower Upper

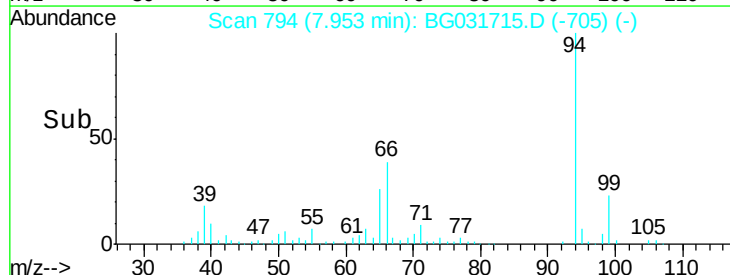
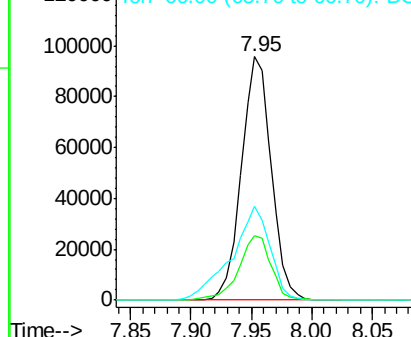
94 100

65 26.3 11.9 51.9

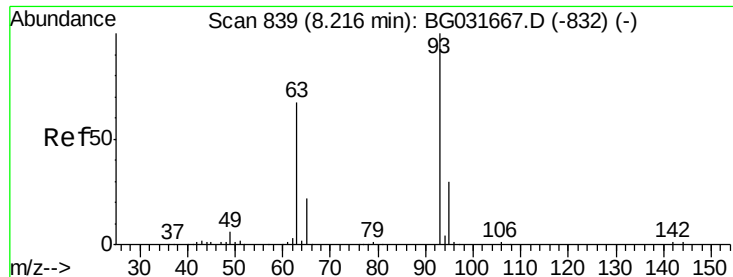
66 38.5 22.2 62.2



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: 35.815 ng

RT: 8.21 min Scan# 838

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

Instrument :

BNA\_G

ClientSampleId :

PB105237BS

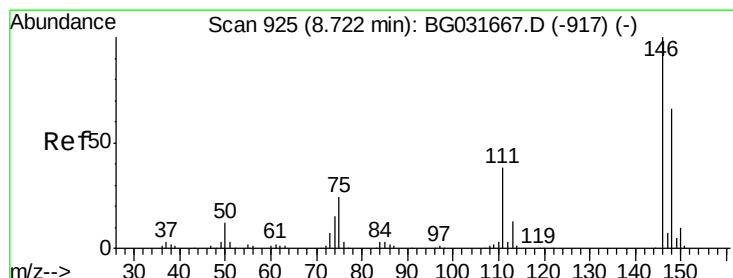
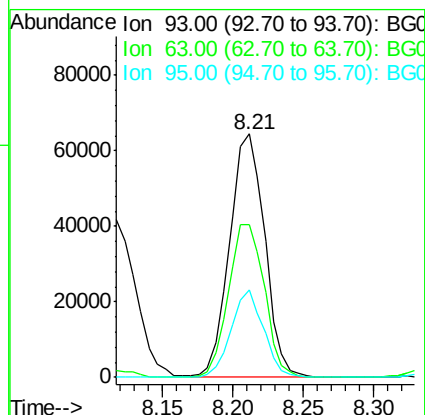
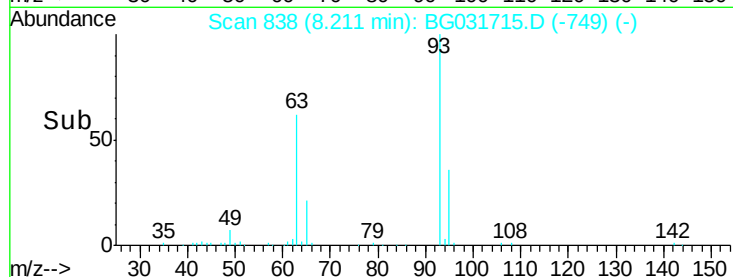
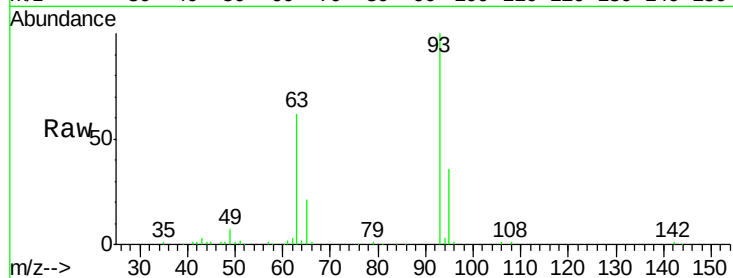
Tot Ion: 93 Resp: 111992

Ion Ratio Lower Upper

93 100

63 62.5 67.1 107.1#

95 35.8 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 37.325 ng

RT: 8.71 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

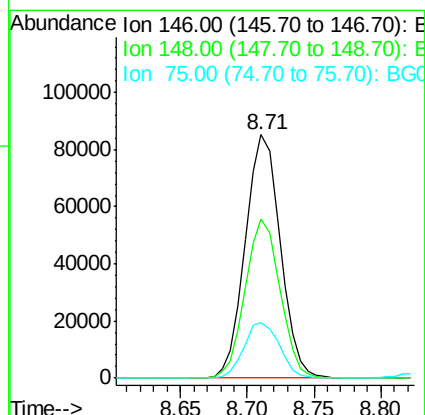
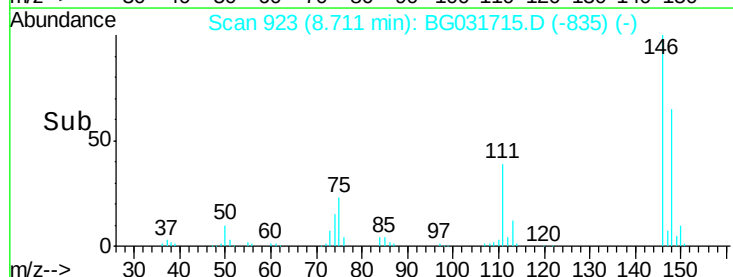
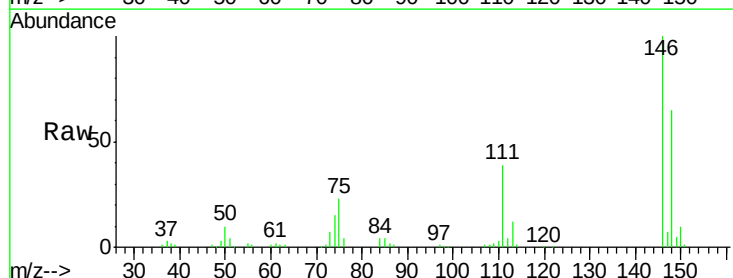
Tgt Ion: 146 Resp: 154442

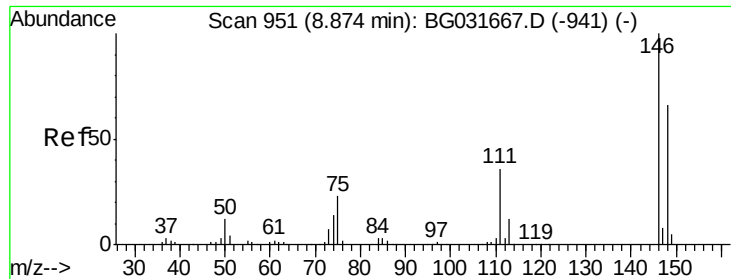
Ion Ratio Lower Upper

146 100

148 65.4 51.4 77.2

75 22.9 26.6 39.8#

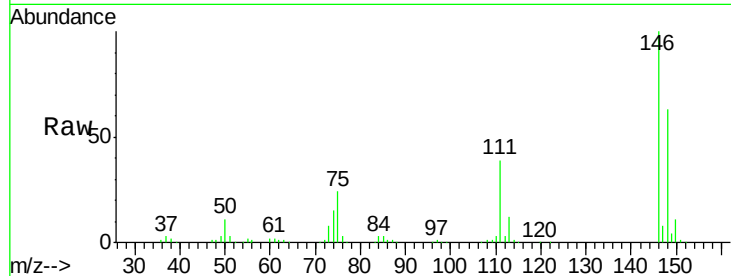




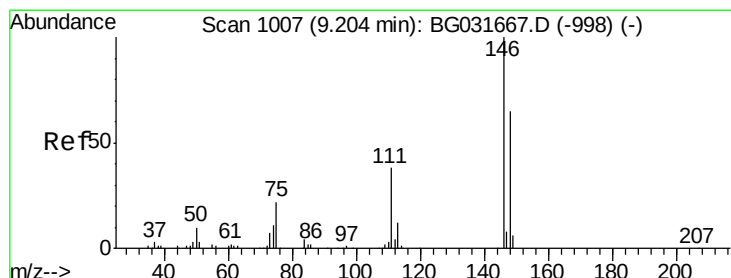
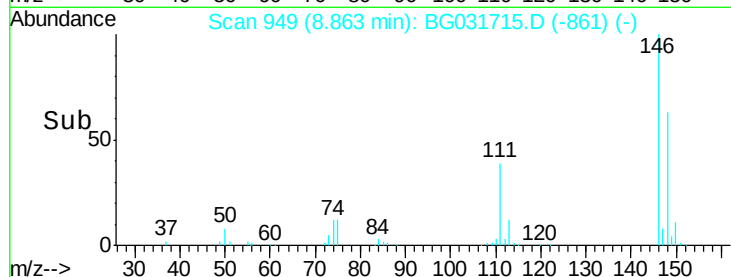
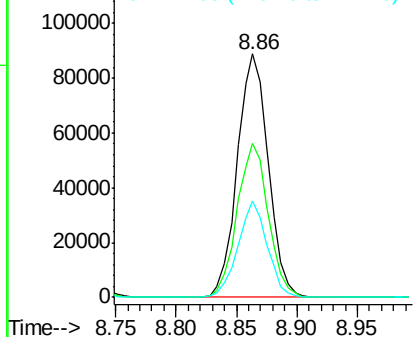
#13  
 1,4-Dichlorobenzene  
 Concen: 37.578 ng  
 RT: 8.86 min Scan# 949  
 Delta R.T. -0.01 min  
 Lab File: BG031715.D  
 Acq: 22 Dec 2017 17:32

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB105237BS

Tot Ion:146 Resp: 158831  
 Ion Ratio Lower Upper  
 146 100  
 148 63.3 53.7 80.5  
 111 39.4 35.2 52.8

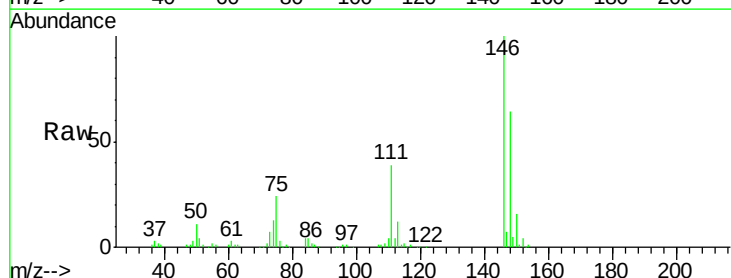


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

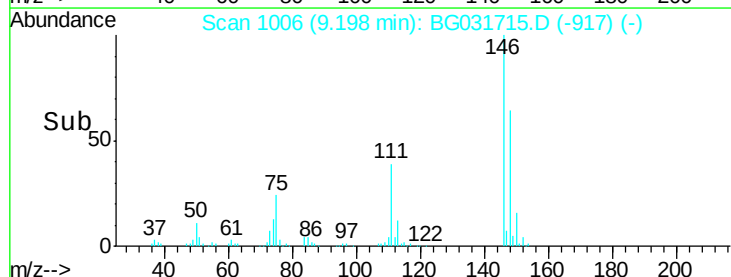
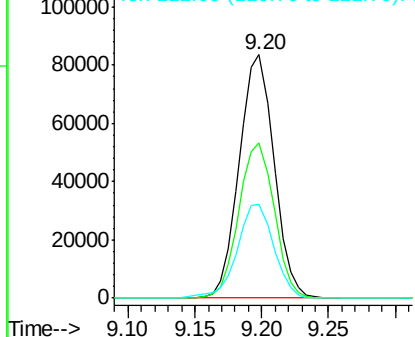


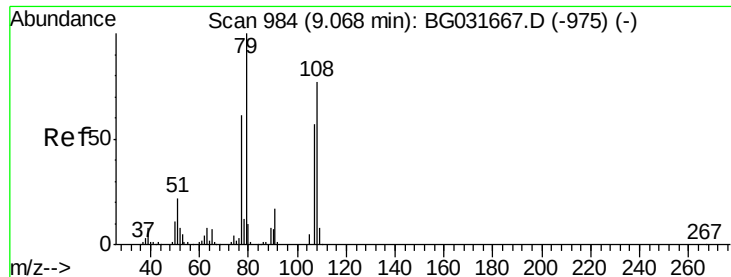
#14  
 1,2-Dichlorobenzene  
 Concen: 37.745 ng  
 RT: 9.20 min Scan# 1006  
 Delta R.T. -0.01 min  
 Lab File: BG031715.D  
 Acq: 22 Dec 2017 17:32

Tgt Ion:146 Resp: 151169  
 Ion Ratio Lower Upper  
 146 100  
 148 63.7 49.3 73.9  
 111 38.5 34.3 51.5



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: 41.104 ng

RT: 9.06 min Scan# 982

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

Instrument :

BNA\_G

ClientSampleId :

PB105237BS

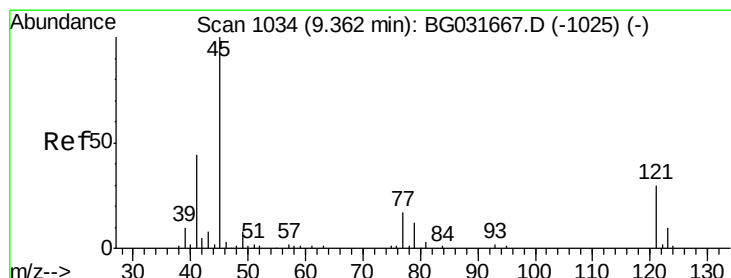
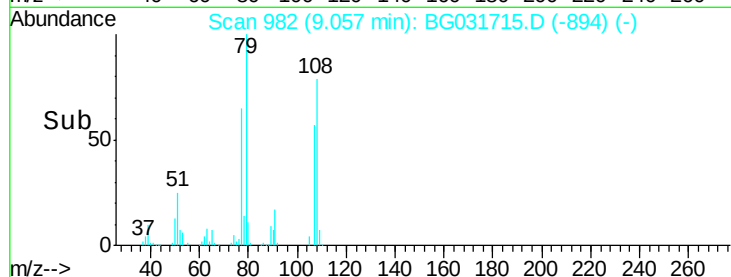
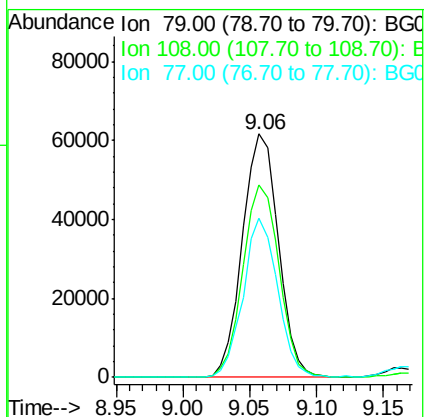
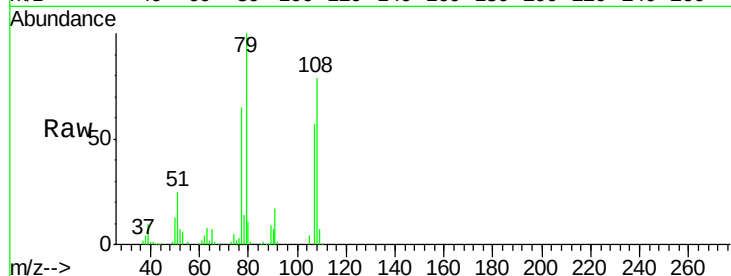
Tot Ion: 79 Resp: 115076

Ion Ratio Lower Upper

79 100

108 79.1 57.2 85.8

77 65.2 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.471 ng

RT: 9.36 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

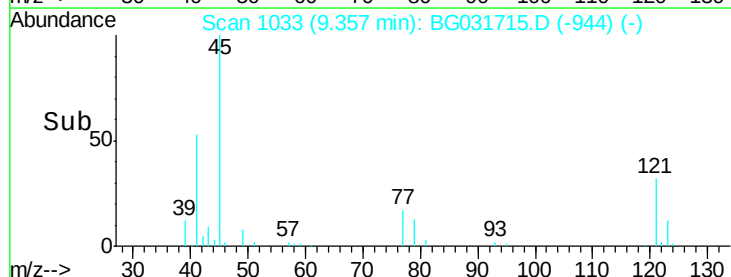
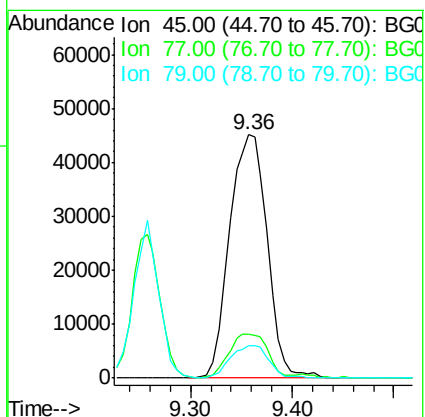
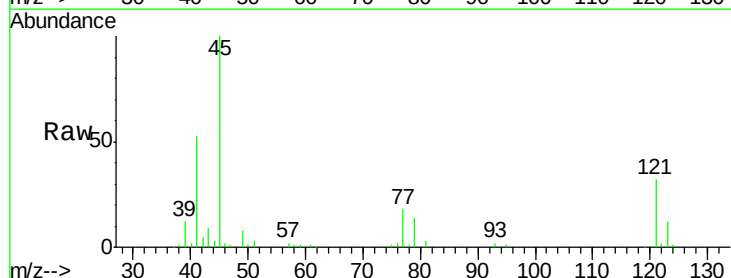
Tgt Ion: 45 Resp: 115790

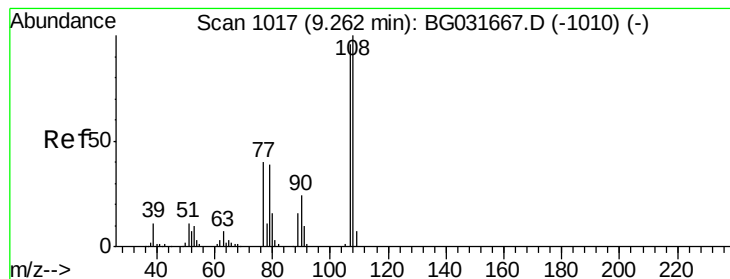
Ion Ratio Lower Upper

45 100

77 18.2 0.0 30.2

79 13.5 0.0 27.9





#17

2-Methylphenol

Concen: 43.134 ng

RT: 9.26 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

Instrument :

BNA\_G

ClientSampleId :

PB105237BS

Tot Ion:107 Resp: 116204

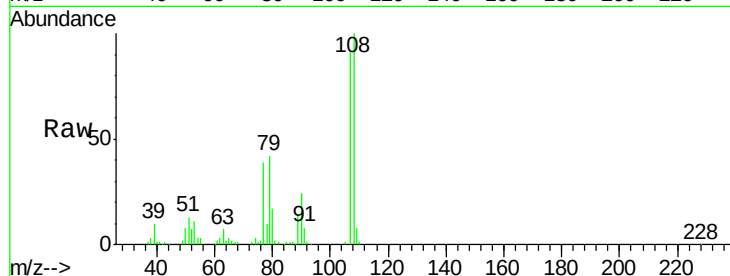
Ion Ratio Lower Upper

107 100

108 110.1 83.9 125.9

77 42.4 37.2 55.8

79 46.3 36.2 54.2

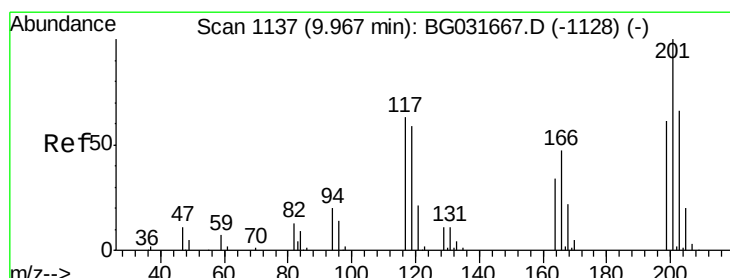
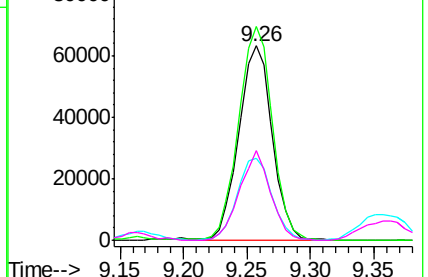
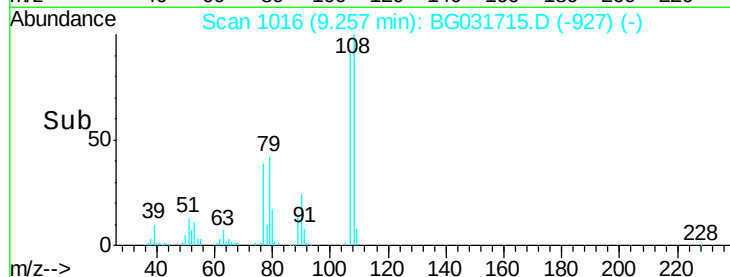


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.797 ng

RT: 9.96 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

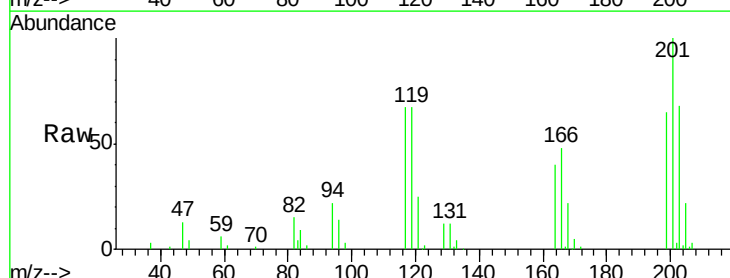
Tgt Ion:117 Resp: 49666

Ion Ratio Lower Upper

117 100

119 100.0 76.7 115.1

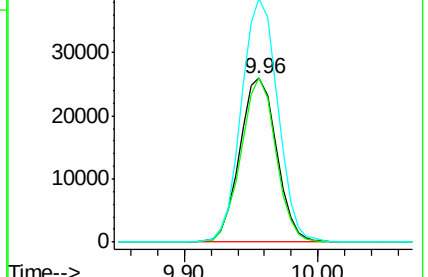
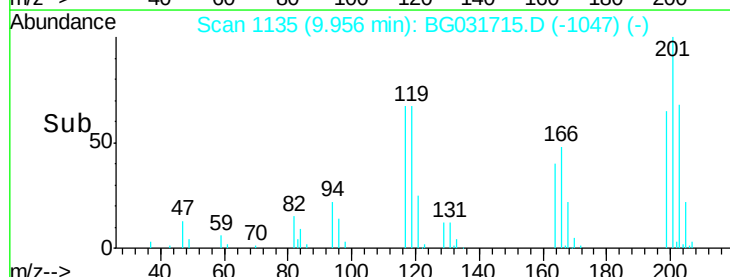
201 148.7 95.7 143.5#

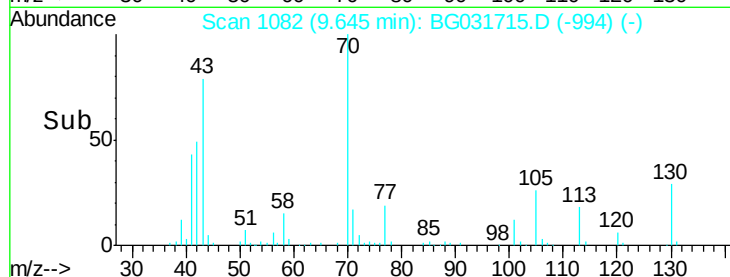
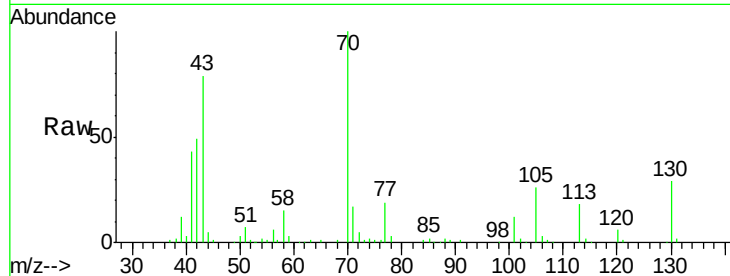
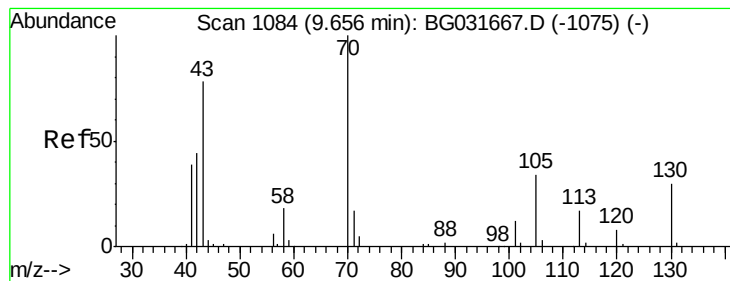


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.321 ng

RT: 9.64 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

Instrument :

BNA\_G

ClientSampleId :

PB105237BS

Tot Ion: 70 Resp: 89961

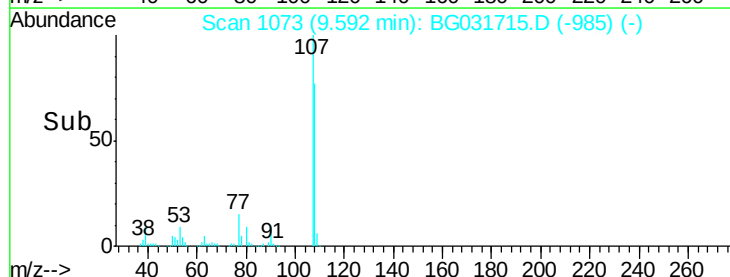
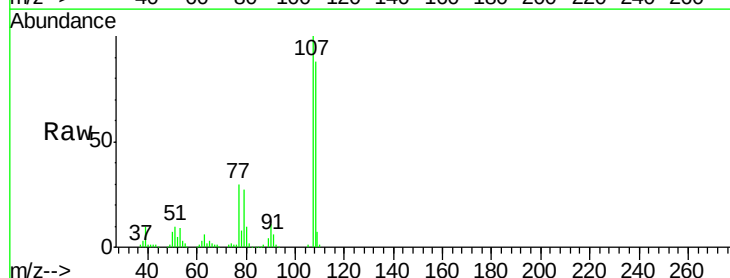
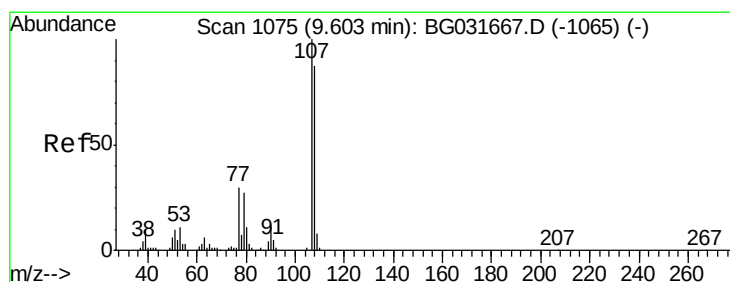
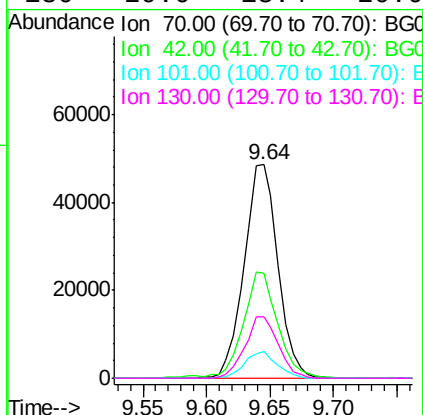
Ion Ratio Lower Upper

70 100

42 49.1 49.1 73.7#

101 12.3 8.5 12.7

130 29.0 13.4 20.0#



#20

3+4-Methylphenols

Concen: 41.709 ng

RT: 9.59 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

Tgt Ion:107 Resp: 159699

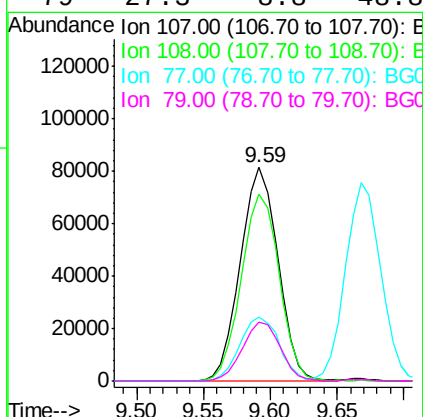
Ion Ratio Lower Upper

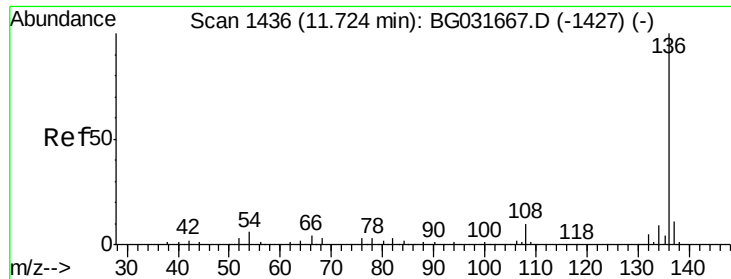
107 100

108 87.7 61.6 101.6

77 29.7 13.9 53.9

79 27.3 8.8 48.8

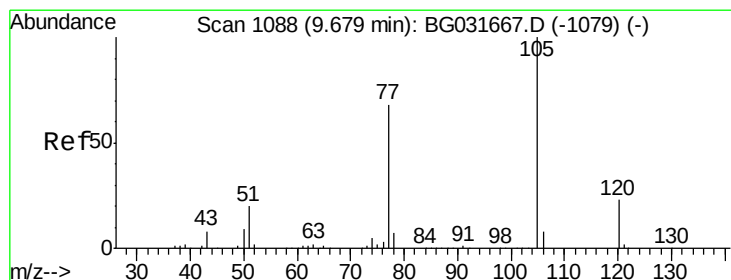
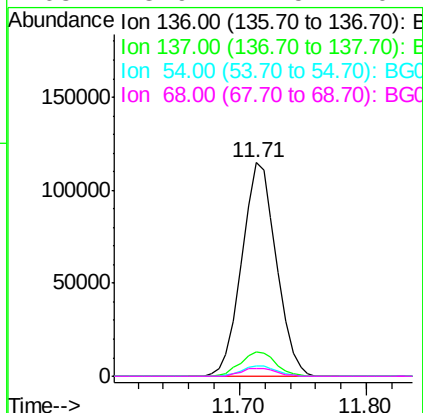
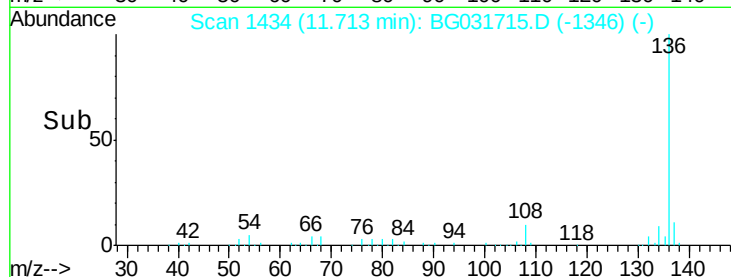
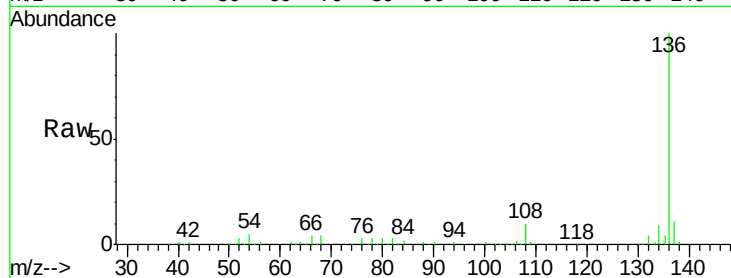




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.71 min Scan# 1434  
Delta R.T. -0.01 min  
Lab File: BG031715.D  
Acq: 22 Dec 2017 17:32

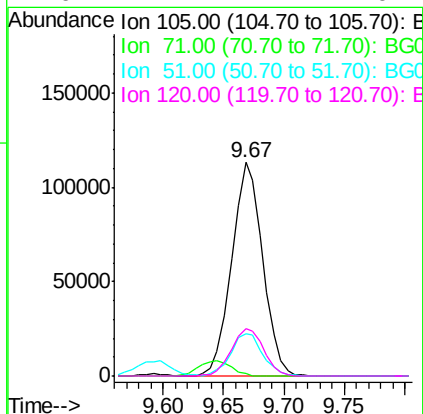
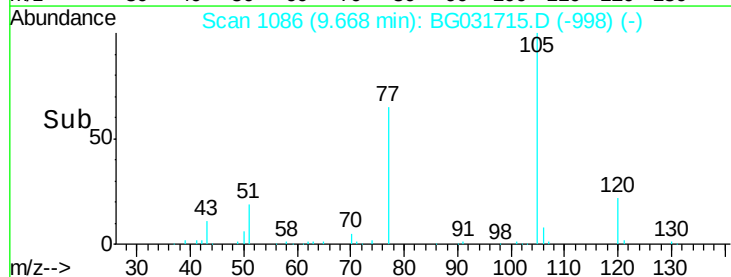
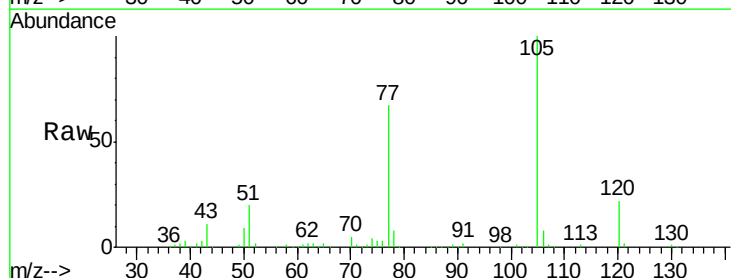
Instrument :  
BNA\_G  
ClientSampleId :  
PB105237BS

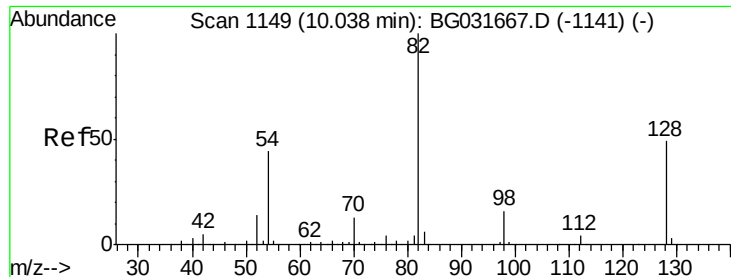
|             |       |        |  |
|-------------|-------|--------|--|
| Tot Ion:136 | Resp: | 216928 |  |
| Ion Ratio   | Lower | Upper  |  |
| 136 100     |       |        |  |
| 137 11.4    | 9.2   | 13.8   |  |
| 54 5.0      | 10.3  | 15.5#  |  |
| 68 3.9      | 4.5   | 6.7#   |  |



#22  
Acetophenone  
Concen: 40.016 ng  
RT: 9.67 min Scan# 1086  
Delta R.T. -0.01 min  
Lab File: BG031715.D  
Acq: 22 Dec 2017 17:32

|             |              |
|-------------|--------------|
| Tgt Ion:105 | Resp: 201676 |
| Ion Ratio   | Lower Upper  |
| 105 100     |              |
| 71 1.1      | 3.0 4.4#     |
| 51 19.7     | 26.1 39.1#   |
| 120 22.4    | 17.4 26.2    |

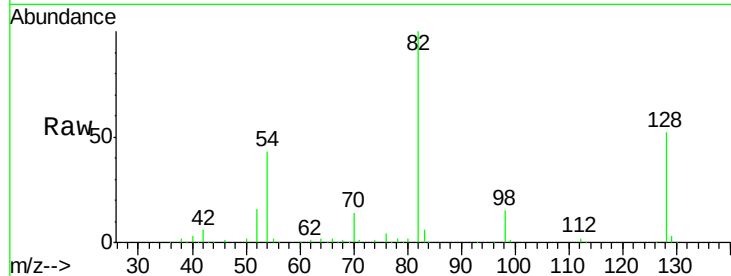




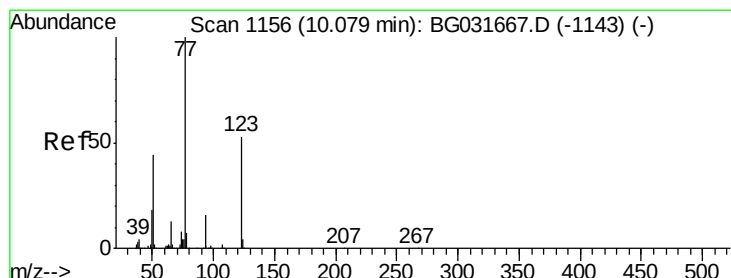
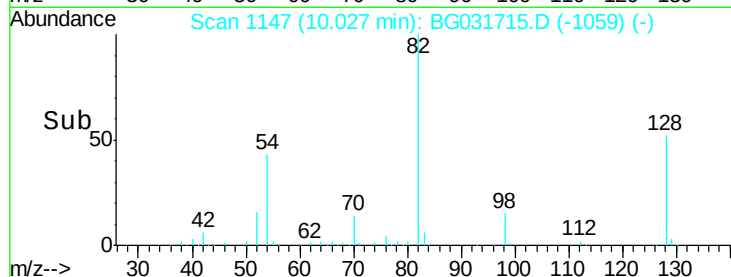
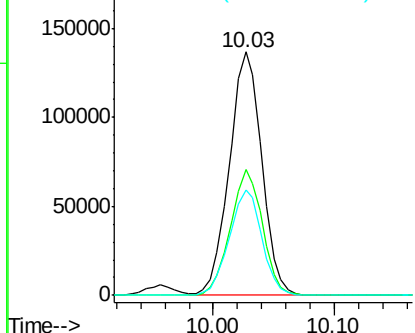
#23  
Nitrobenzene-d5  
Concen: 89.075 ng  
RT: 10.03 min Scan# 1147  
Delta R.T. -0.01 min  
Lab File: BG031715.D  
Acq: 22 Dec 2017 17:32

Instrument :  
BNA\_G  
ClientSampleId :  
PB105237BS

Tot Ion: 82 Resp: 255890  
Ion Ratio Lower Upper  
82 100  
128 51.8 29.7 44.5#  
54 43.1 43.1 64.7#

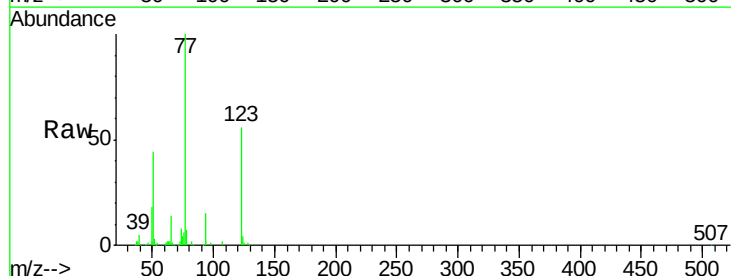


Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 128.00 (127.70 to 128.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC

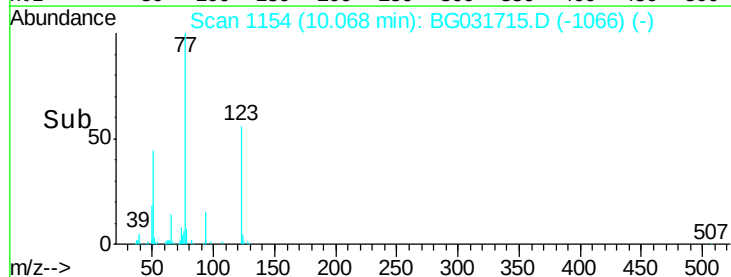
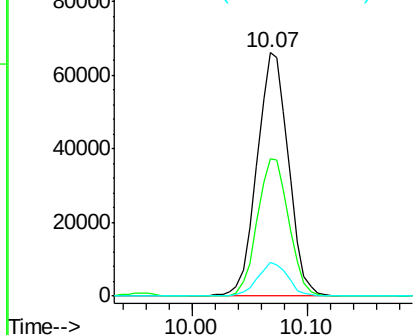


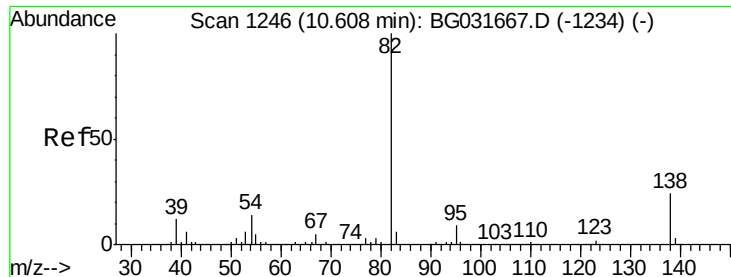
#24  
Nitrobenzene  
Concen: 42.304 ng  
RT: 10.07 min Scan# 1154  
Delta R.T. -0.01 min  
Lab File: BG031715.D  
Acq: 22 Dec 2017 17:32

Tgt Ion: 77 Resp: 125253  
Ion Ratio Lower Upper  
77 100  
123 56.2 33.0 49.6#  
65 13.7 13.0 19.6



Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 123.00 (122.70 to 123.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 40.877 ng

RT: 10.60 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

Instrument :

BNA\_G

ClientSampleId :

PB105237BS

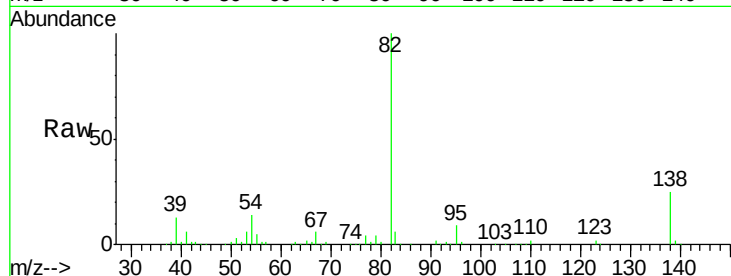
Tot Ion: 82 Resp: 252790

Ion Ratio Lower Upper

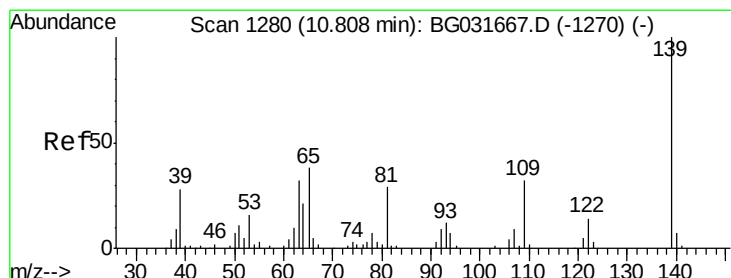
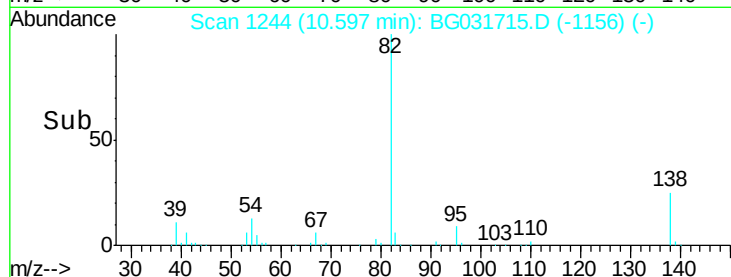
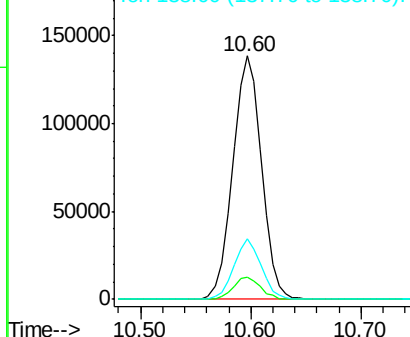
82 100

95 8.9 6.2 9.2

138 25.1 12.1 18.1#



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



#26

2-Nitrophenol

Concen: 49.966 ng

RT: 10.80 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

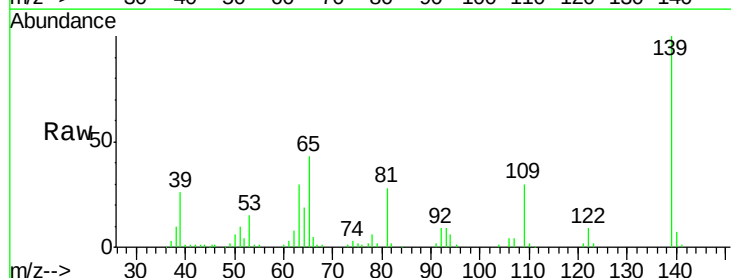
Tgt Ion: 139 Resp: 77566

Ion Ratio Lower Upper

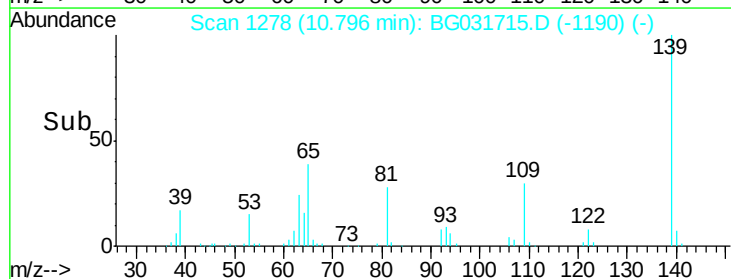
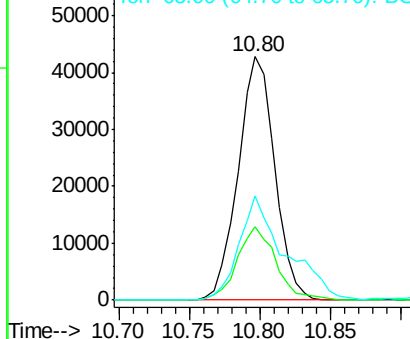
139 100

109 30.0 24.2 36.2

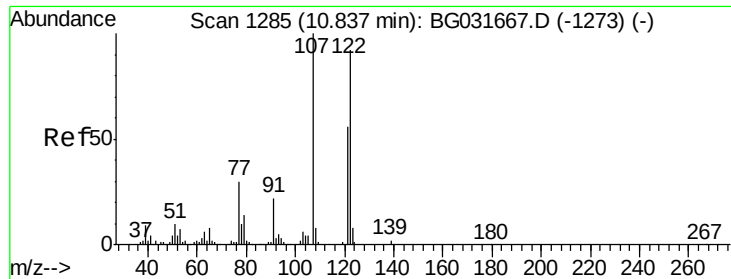
65 42.6 47.4 71.0#



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



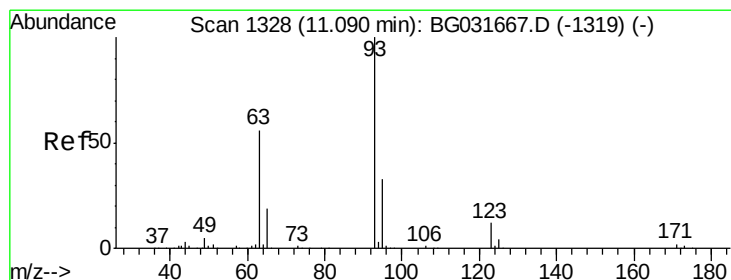
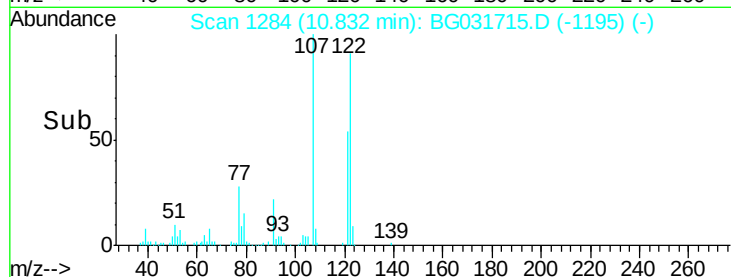
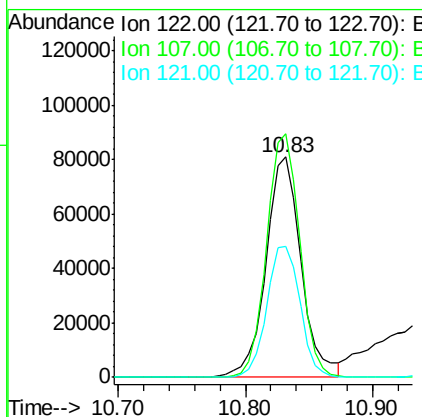
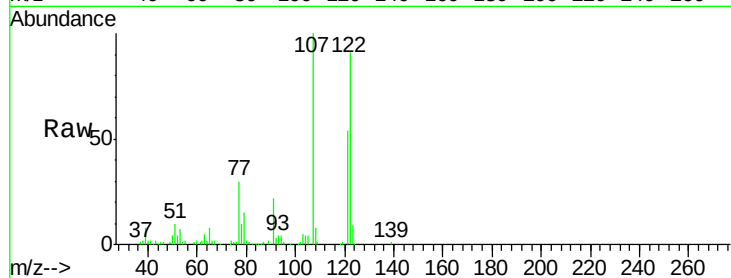




#27  
 2,4-Dimethylphenol  
 Concen: 48.003 ng  
 RT: 10.83 min Scan# 1284  
 Delta R.T. -0.01 min  
 Lab File: BG031715.D  
 Acq: 22 Dec 2017 17:32

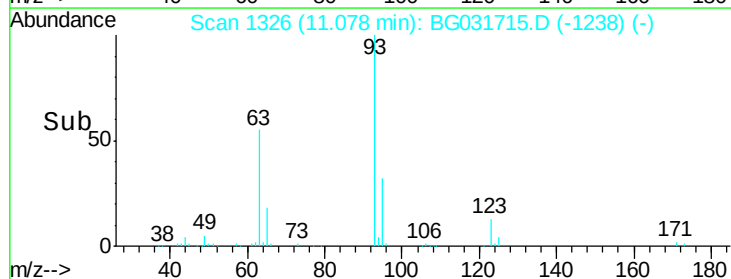
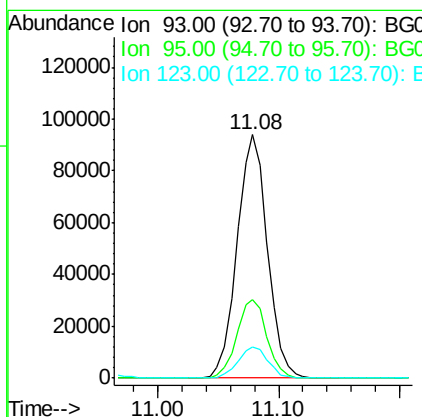
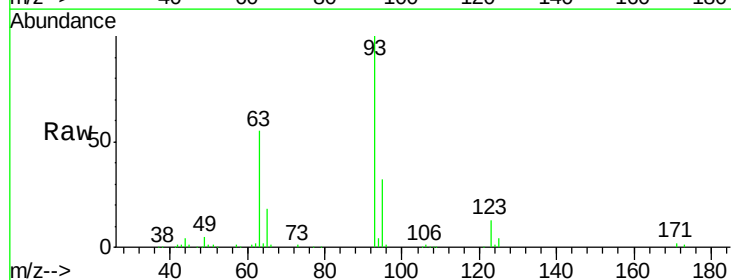
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB105237BS

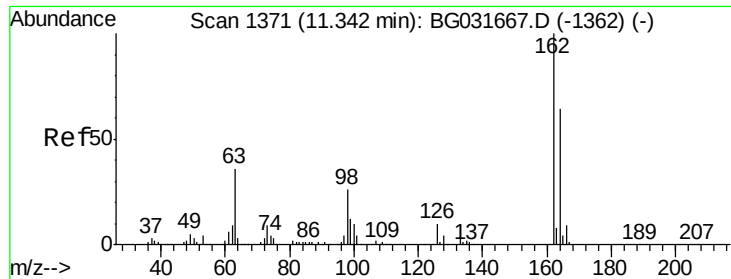
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 110.4 | 100.2 | 150.2 |
| 121     | 59.6  | 44.4  | 66.6  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 39.426 ng  
 RT: 11.08 min Scan# 1326  
 Delta R.T. -0.01 min  
 Lab File: BG031715.D  
 Acq: 22 Dec 2017 17:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.2  | 24.3  | 36.5  |
| 123     | 12.7  | 8.4   | 12.6  |

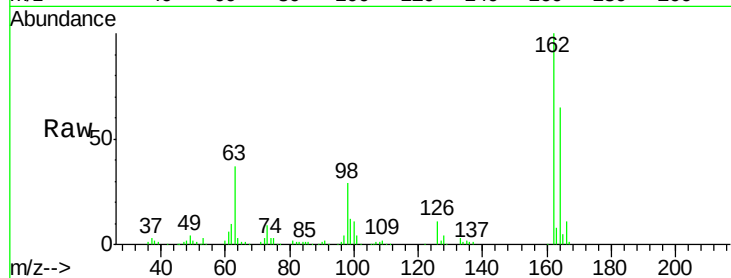




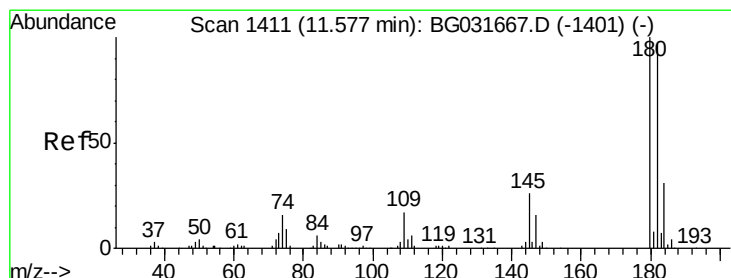
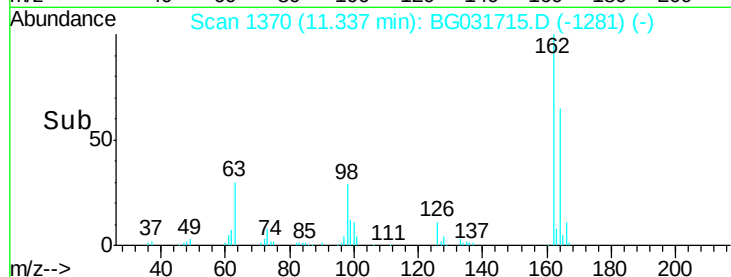
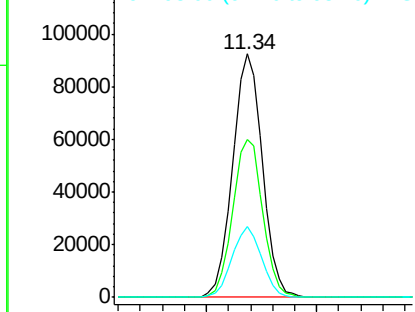
#29  
2,4-Dichlorophenol  
Concen: 45.492 ng  
RT: 11.34 min Scan# 1370  
Delta R.T. -0.01 min  
Lab File: BG031715.D  
Acq: 22 Dec 2017 17:32

Instrument :  
BNA\_G  
ClientSampleId :  
PB105237BS

Tot Ion:162 Resp: 174458  
Ion Ratio Lower Upper  
162 100  
164 65.1 48.0 88.0  
98 28.8 21.1 61.1

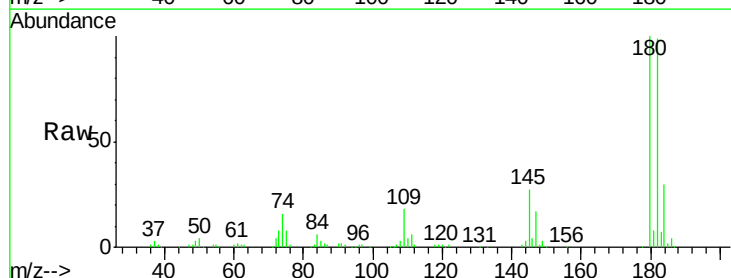


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): B

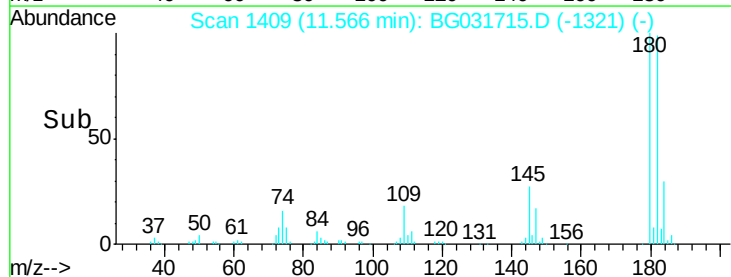
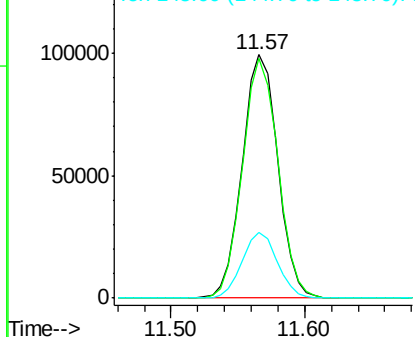


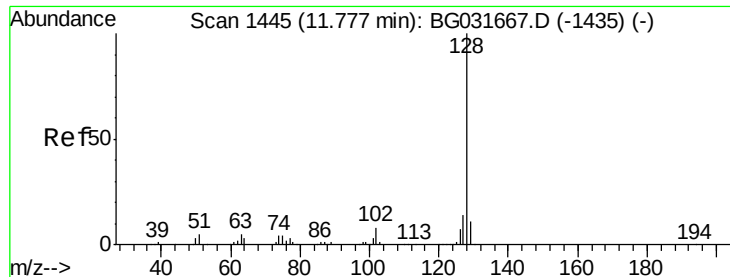
#30  
1,2,4-Trichlorobenzene  
Concen: 39.072 ng  
RT: 11.57 min Scan# 1409  
Delta R.T. -0.01 min  
Lab File: BG031715.D  
Acq: 22 Dec 2017 17:32

Tgt Ion:180 Resp: 182950  
Ion Ratio Lower Upper  
180 100  
182 98.7 77.5 116.3  
145 26.8 23.4 35.2



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

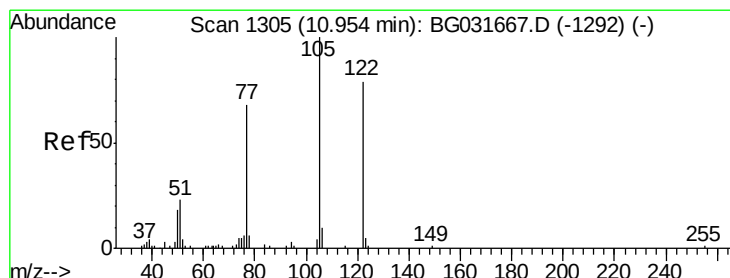
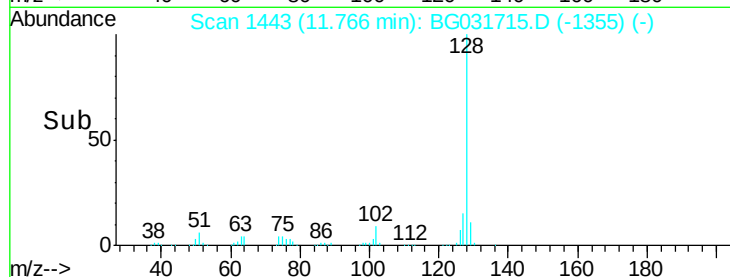
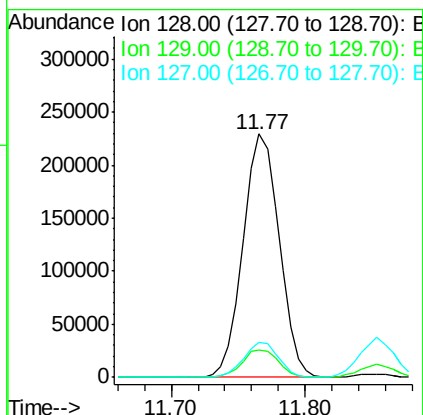
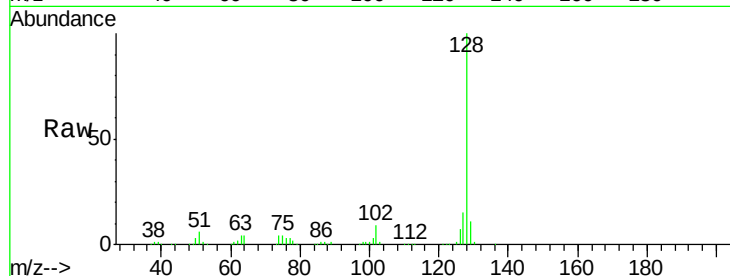




#31  
Naphthalene  
Concen: 39.221 ng  
RT: 11.77 min Scan# 1443  
Delta R.T. -0.01 min  
Lab File: BG031715.D  
Acq: 22 Dec 2017 17:32

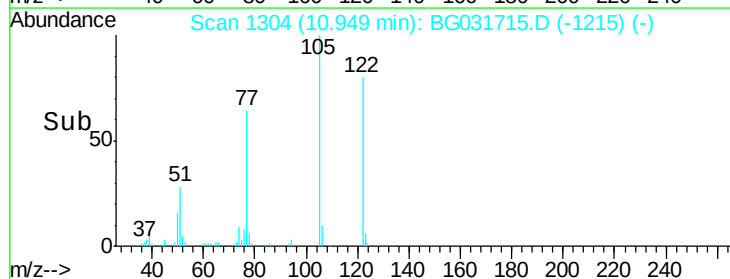
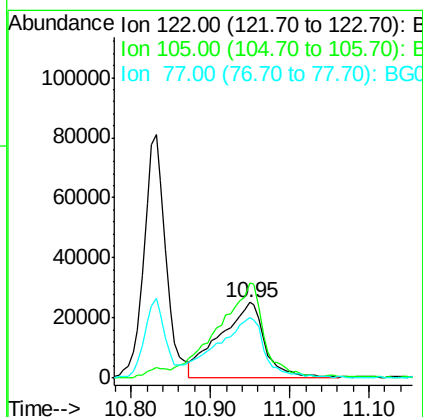
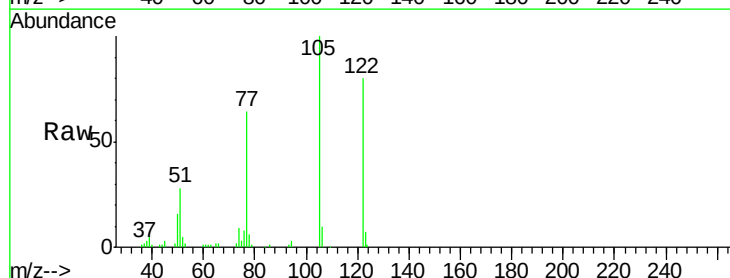
Instrument :  
BNA\_G  
ClientSampleId :  
PB105237BS

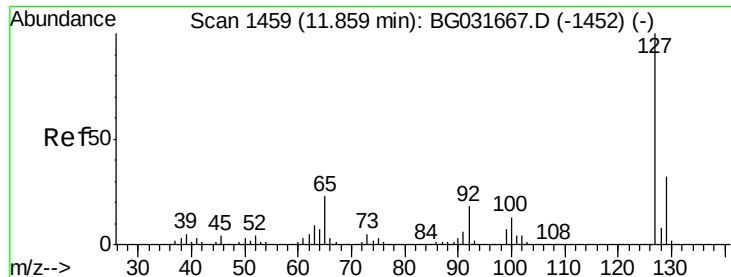
|             |       |             |
|-------------|-------|-------------|
| Tot Ion:128 | Resp: | 429383      |
| Ion         | Ratio | Lower Upper |
| 128         | 100   |             |
| 129         | 11.1  | 8.6 12.8    |
| 127         | 14.5  | 11.6 17.4   |



#32  
Benzoic acid  
Concen: 45.451 ng  
RT: 10.95 min Scan# 1304  
Delta R.T. -0.00 min  
Lab File: BG031715.D  
Acq: 22 Dec 2017 17:32

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:122 | Resp: | 100328      |
| Ion         | Ratio | Lower Upper |
| 122         | 100   |             |
| 105         | 125.4 | 123.5 163.5 |
| 77          | 80.2  | 85.7 125.7# |

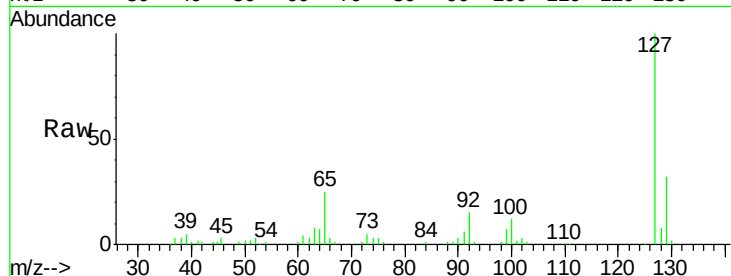




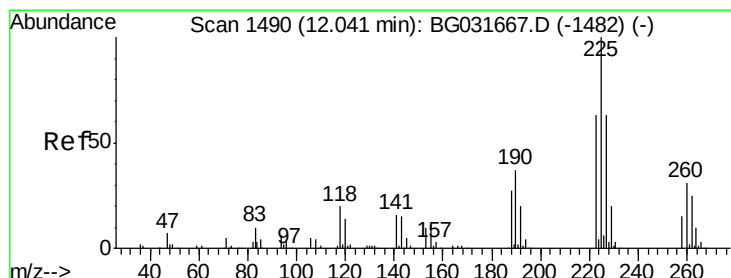
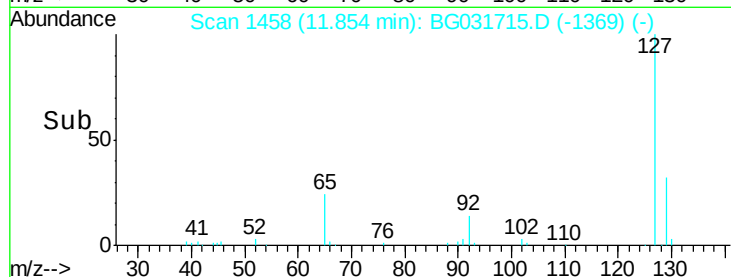
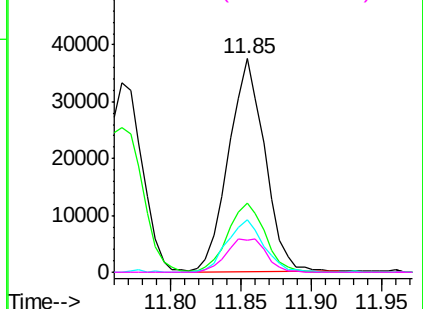
#33  
4-Chloroaniline  
Concen: 13.731 ng  
RT: 11.85 min Scan# 1458  
Delta R.T. -0.01 min  
Lab File: BG031715.D  
Acq: 22 Dec 2017 17:32

Instrument :  
BNA\_G  
ClientSampleId :  
PB105237BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 66925 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 32.4  | 24.0  | 36.0  |
| 65       | 24.7  | 27.0  | 40.4# |
| 92       | 15.3  | 16.6  | 25.0# |

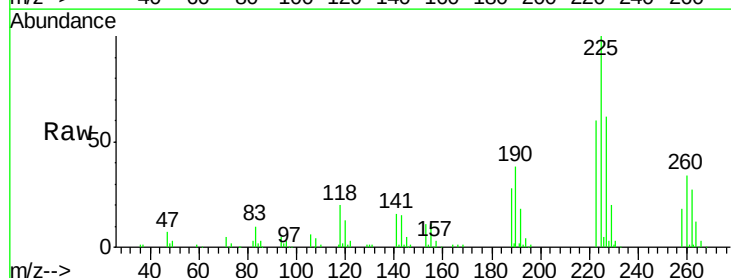


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC

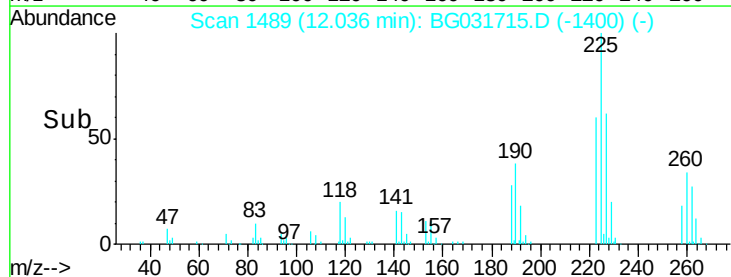
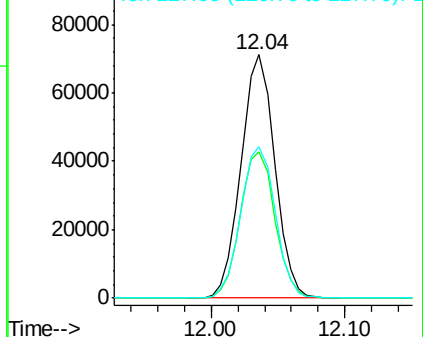


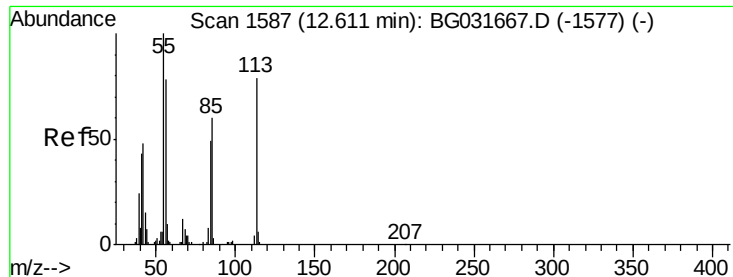
#34  
Hexachlorobutadiene  
Concen: 38.700 ng  
RT: 12.04 min Scan# 1489  
Delta R.T. -0.01 min  
Lab File: BG031715.D  
Acq: 22 Dec 2017 17:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 124406 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 59.9  | 49.7  | 74.5   |
| 227      | 62.1  | 48.1  | 72.1   |



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





#35

Caprolactam

Concen: 47.007 ng

RT: 12.61 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

Instrument :

BNA\_G

ClientSampleId :

PB105237BS

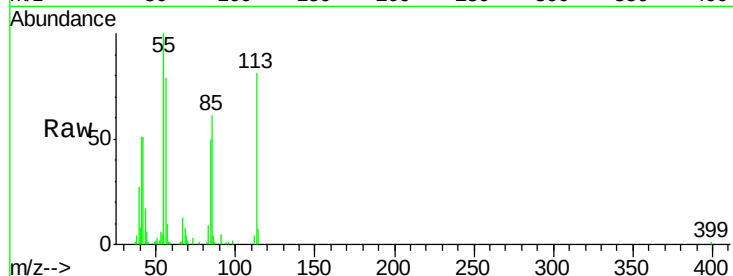
Tot Ion:113 Resp: 54642

Ion Ratio Lower Upper

113 100

55 123.2 186.9 226.9#

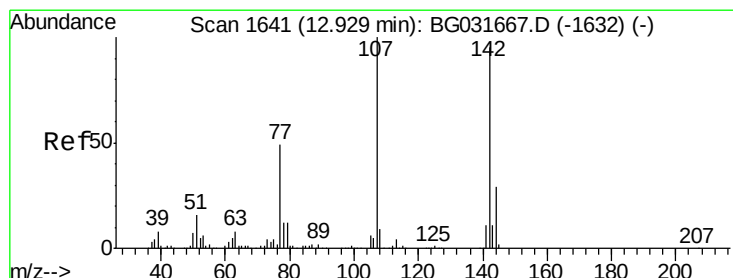
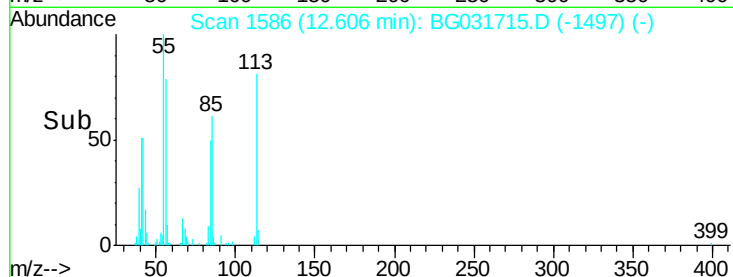
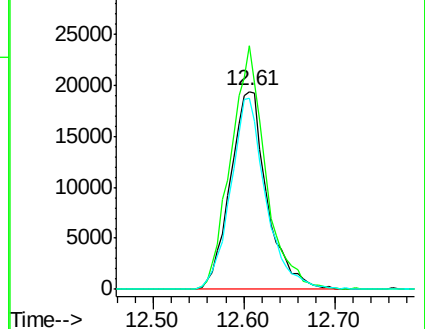
56 96.9 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 44.981 ng

RT: 12.92 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

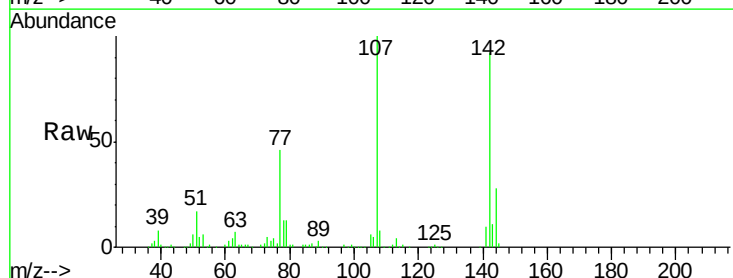
Tgt Ion:107 Resp: 159311

Ion Ratio Lower Upper

107 100

144 28.4 18.2 27.4#

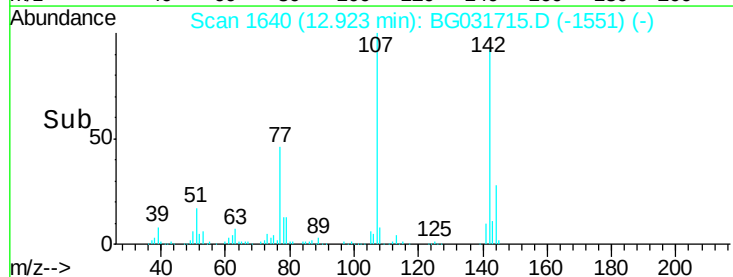
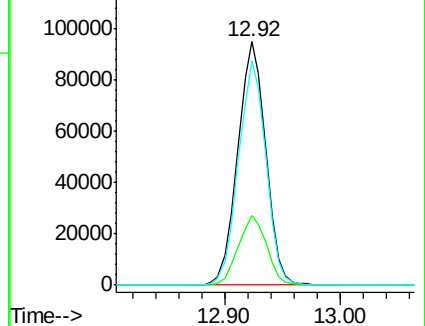
142 92.3 59.0 88.4#

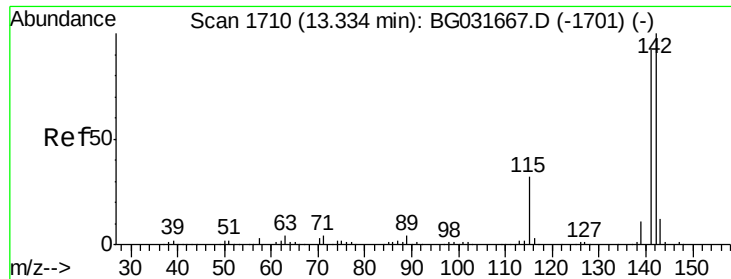


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

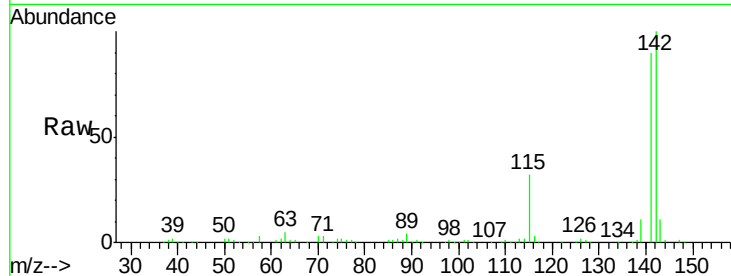




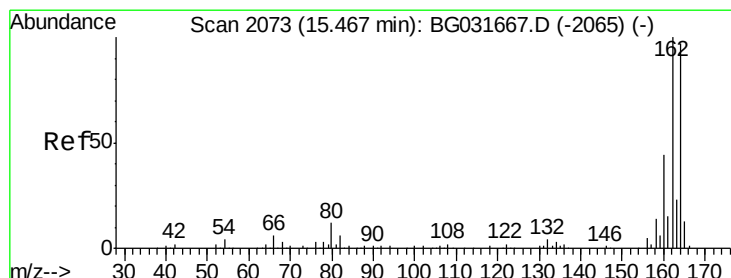
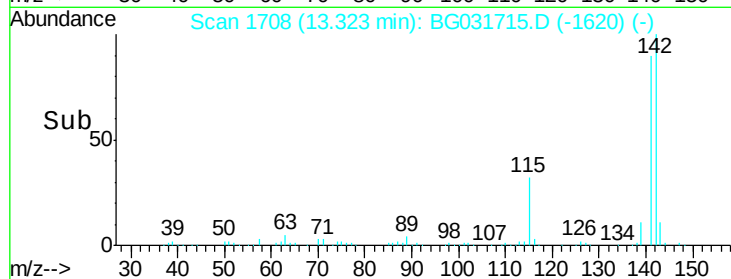
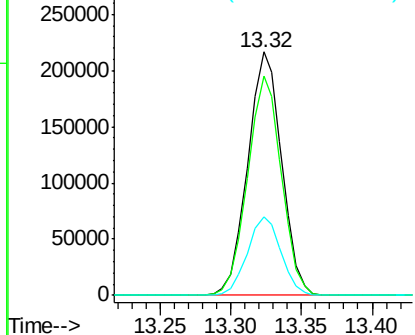
#37  
2-Methylnaphthalene  
Concen: 41.053 ng  
RT: 13.32 min Scan# 1708  
Delta R.T. -0.01 min  
Lab File: BG031715.D  
Acq: 22 Dec 2017 17:32

Instrument :  
BNA\_G  
ClientSampleId :  
PB105237BS

Tot Ion:142 Resp: 364344  
Ion Ratio Lower Upper  
142 100  
141 89.9 67.1 100.7  
115 32.3 30.7 46.1

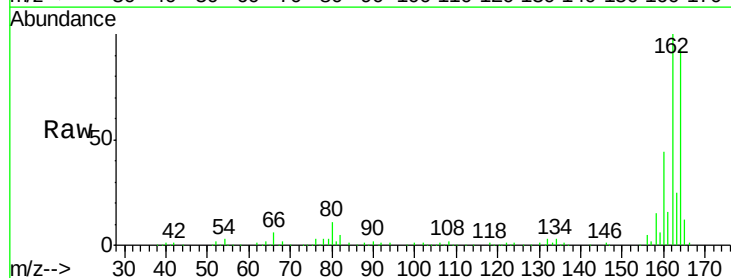


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

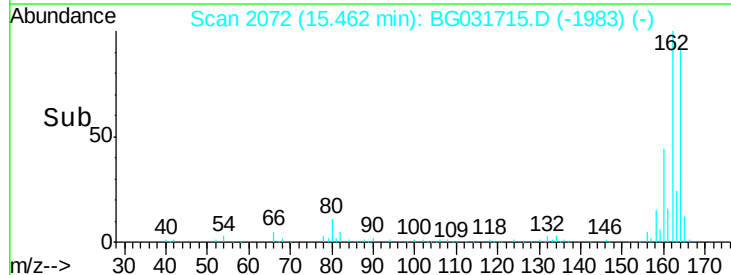
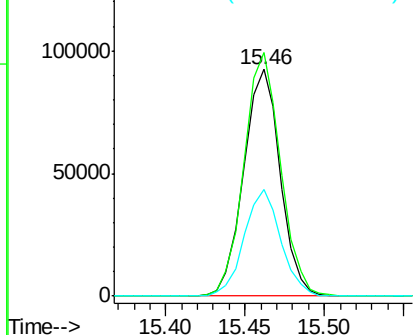


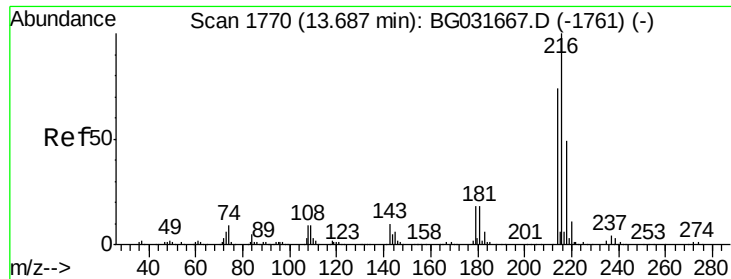
#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 15.46 min Scan# 2072  
Delta R.T. -0.01 min  
Lab File: BG031715.D  
Acq: 22 Dec 2017 17:32

Tgt Ion:164 Resp: 147947  
Ion Ratio Lower Upper  
164 100  
162 107.4 78.8 118.2  
160 46.9 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.644 ng

RT: 13.68 min Scan# 1768

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

Instrument :

BNA\_G

ClientSampleId :

PB105237BS

Tot Ion:216 Resp: 253282

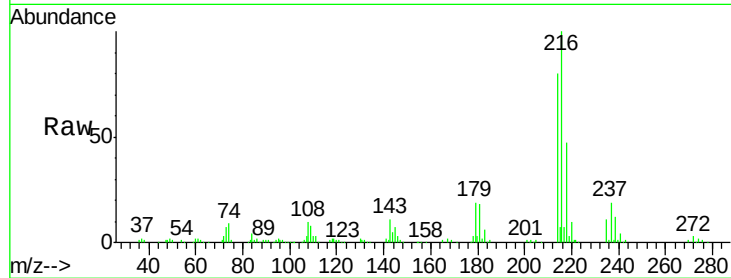
Ion Ratio Lower Upper

216 100

214 78.5 63.0 94.4

179 18.5 17.0 25.6

108 12.3 12.8 19.2#

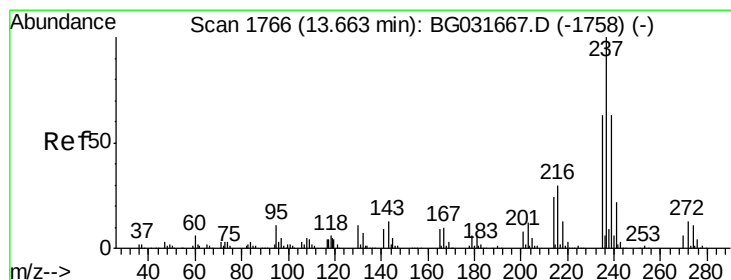
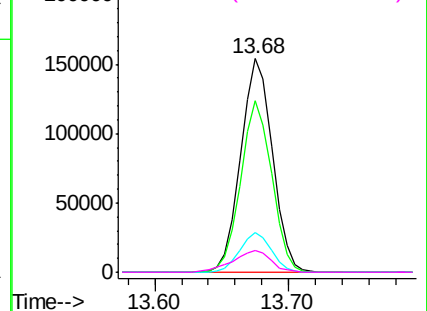
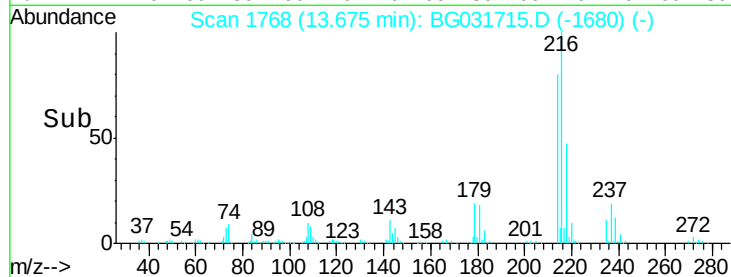


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 98.913 ng

RT: 13.65 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

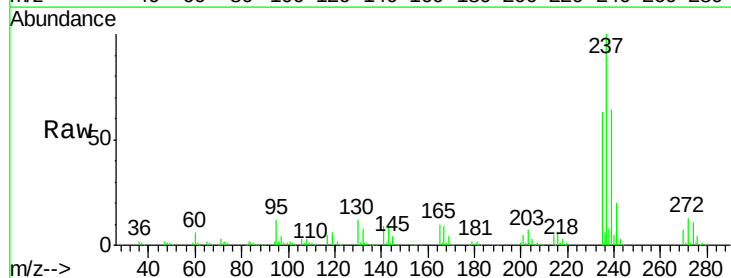
Tgt Ion:237 Resp: 325171

Ion Ratio Lower Upper

237 100

235 62.5 50.4 90.4

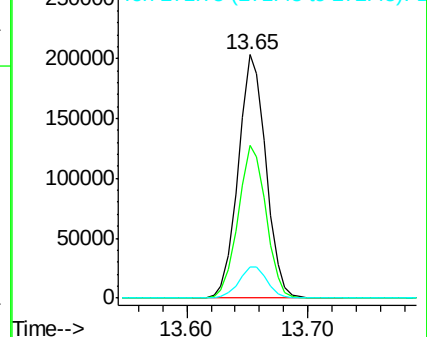
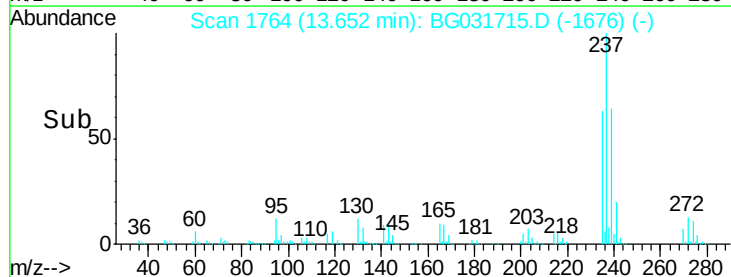
272 12.6 0.0 31.8

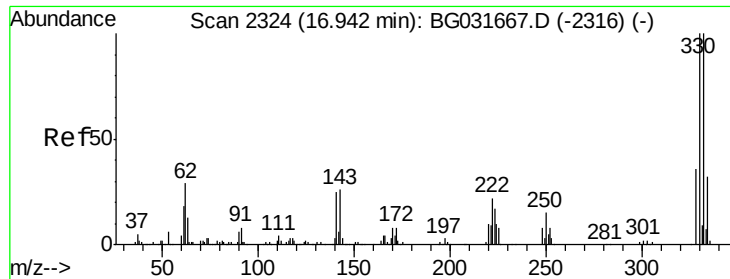


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

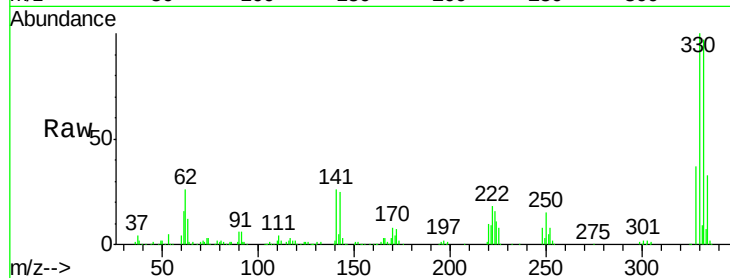




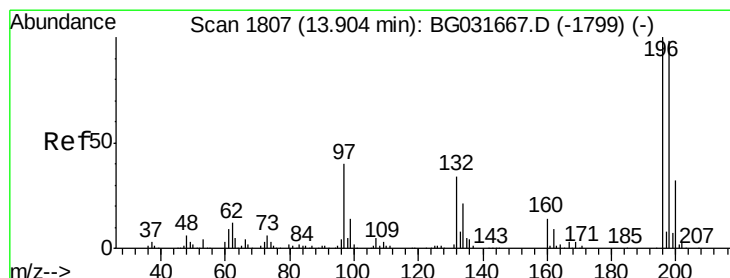
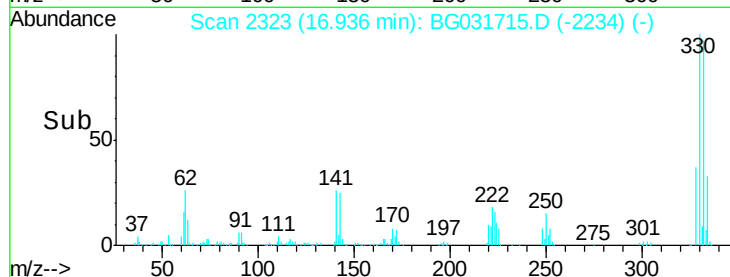
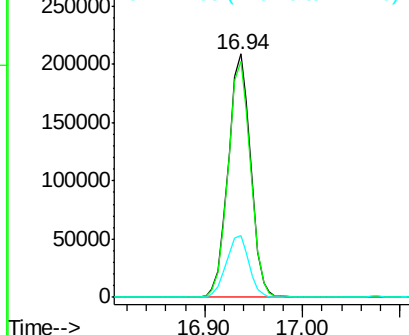
#41  
 2,4,6-Tribromophenol  
 Concen: 147.599 ng  
 RT: 16.94 min Scan# 2323  
 Delta R.T. -0.01 min  
 Lab File: BG031715.D  
 Acq: 22 Dec 2017 17:32

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB105237BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.9  | 77.0  | 115.6 |
| 141     | 25.8  | 25.2  | 37.8  |

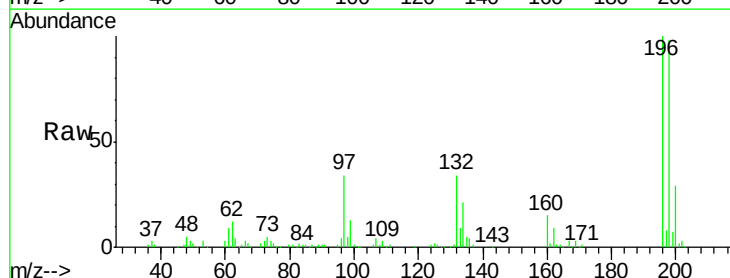


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

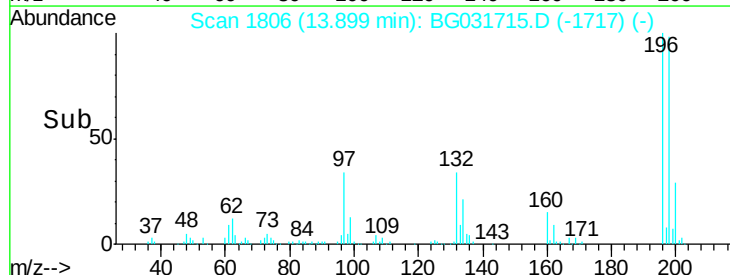
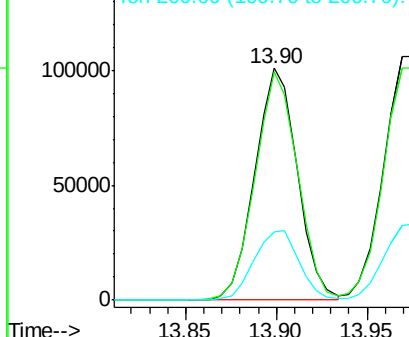


#42  
 2,4,6-Trichlorophenol  
 Concen: 45.685 ng  
 RT: 13.90 min Scan# 1806  
 Delta R.T. -0.01 min  
 Lab File: BG031715.D  
 Acq: 22 Dec 2017 17:32

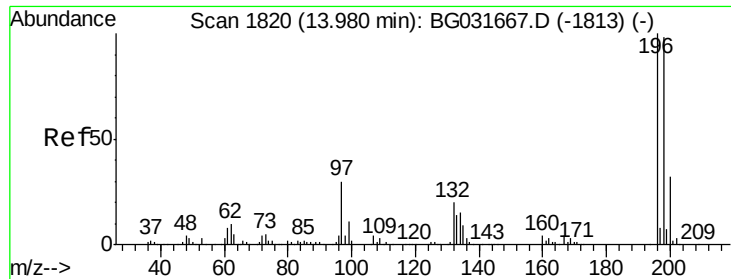
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 98.2  | 78.2  | 117.2 |
| 200     | 29.5  | 24.6  | 36.8  |



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



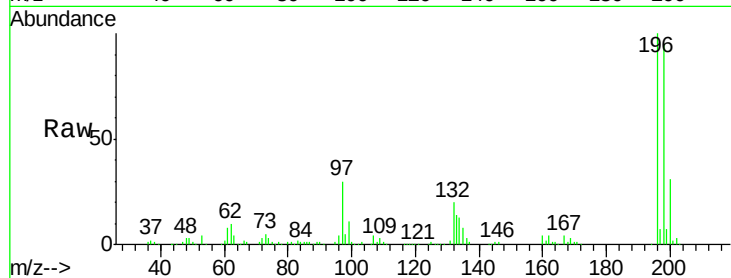




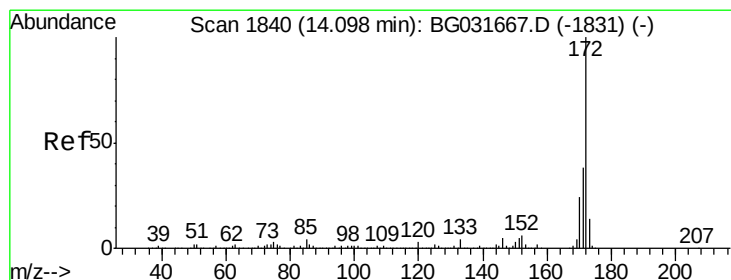
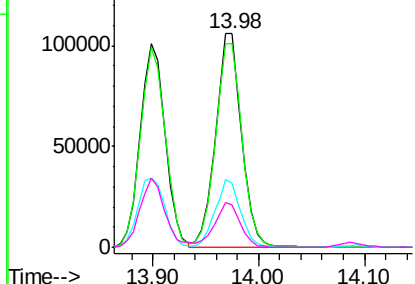
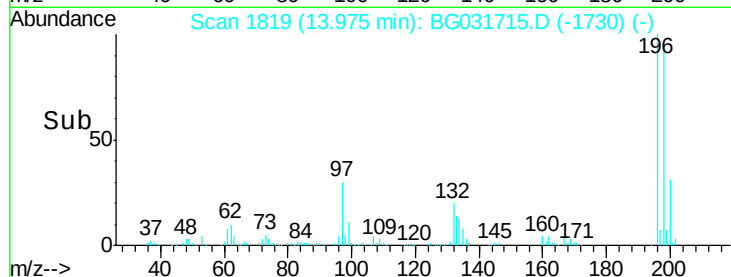
#43  
 2,4,5-Trichlorophenol  
 Concen: 45.721 ng  
 RT: 13.98 min Scan# 1819  
 Delta R.T. -0.01 min  
 Lab File: BG031715.D  
 Acq: 22 Dec 2017 17:32

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB105237BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 196   | Resp: | 182046 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 95.2  | 76.2  | 114.4  |
| 97       | 30.2  | 38.7  | 58.1#  |
| 132      | 20.0  | 20.2  | 30.2#  |

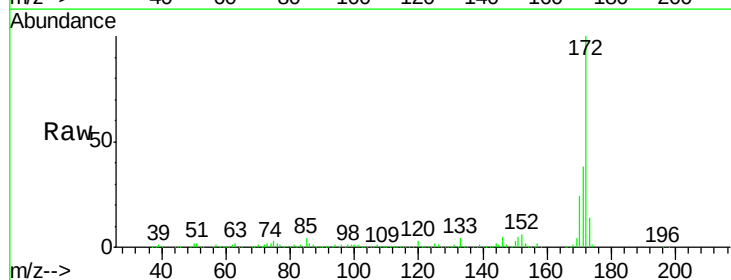


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BG  
 Ion 132.00 (131.70 to 132.70): E

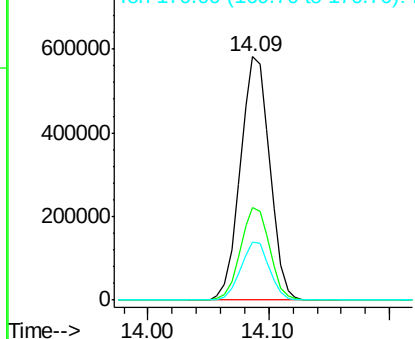
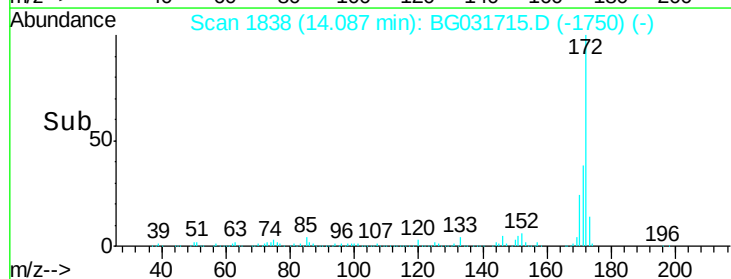


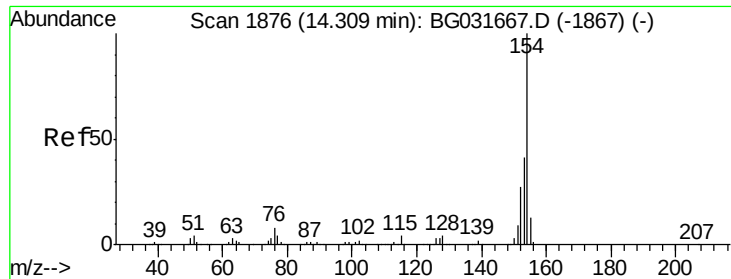
#44  
 2-Fluorobiphenyl  
 Concen: 83.719 ng  
 RT: 14.09 min Scan# 1838  
 Delta R.T. -0.01 min  
 Lab File: BG031715.D  
 Acq: 22 Dec 2017 17:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 172   | Resp: | 986821 |
| Ion      | Ratio | Lower | Upper  |
| 172      | 100   |       |        |
| 171      | 37.8  | 30.0  | 45.0   |
| 170      | 23.8  | 19.5  | 29.3   |



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: 41.387 ng

RT: 14.30 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

Instrument :

BNA\_G

ClientSampleId :

PB105237BS

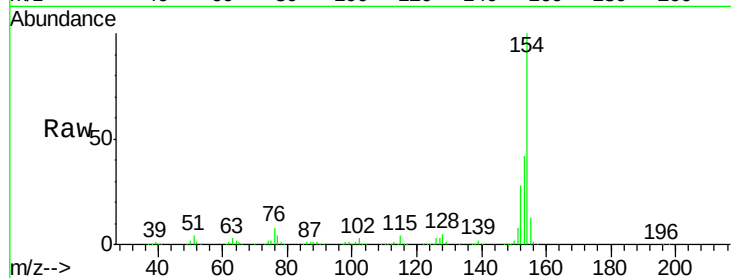
Tot Ion:154 Resp: 522975

Ion Ratio Lower Upper

154 100

153 42.1 19.8 59.8

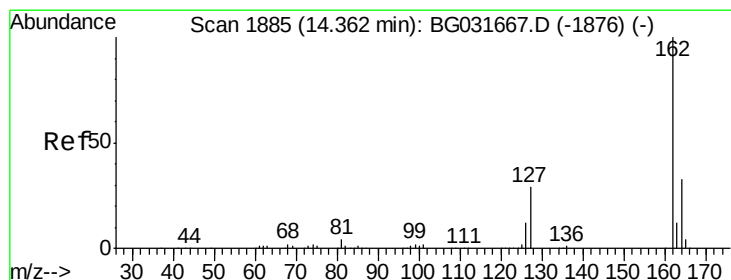
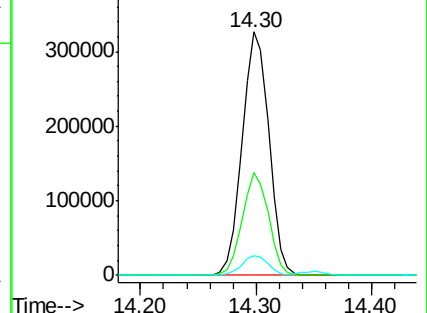
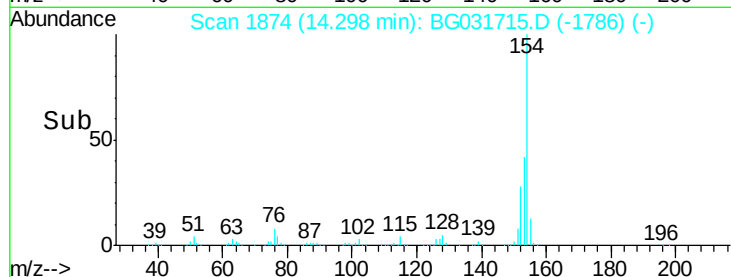
76 8.3 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 41.259 ng

RT: 14.35 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

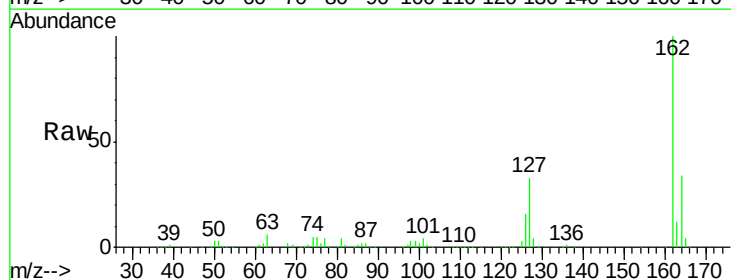
Tgt Ion:162 Resp: 397662

Ion Ratio Lower Upper

162 100

127 33.4 30.7 46.1

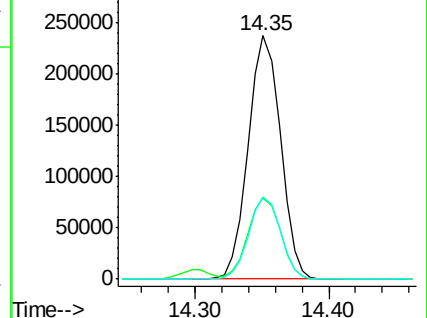
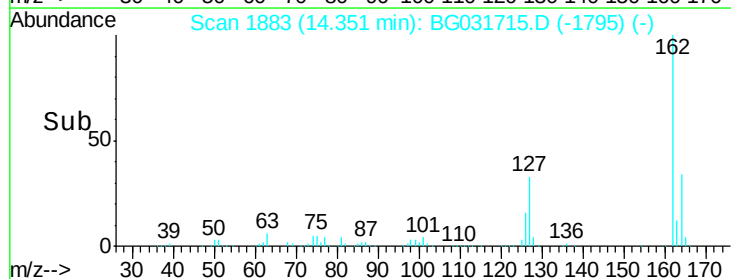
164 34.0 26.0 39.0

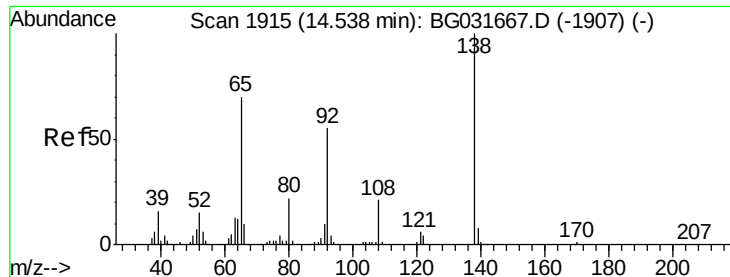


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

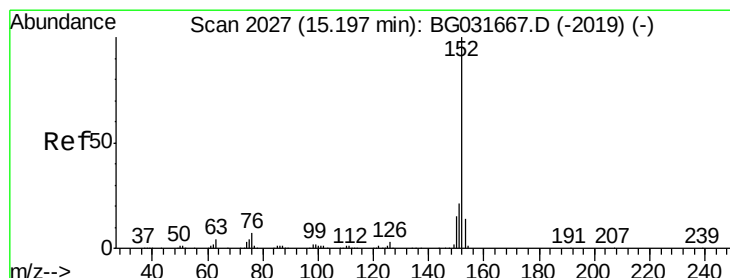
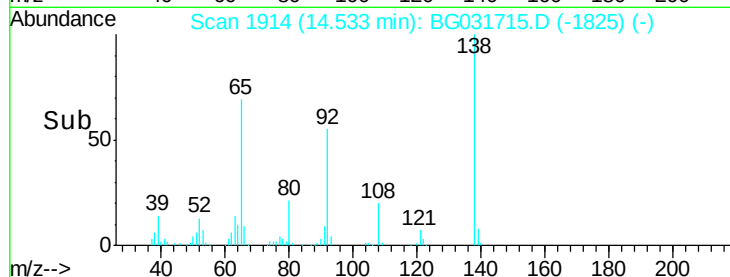
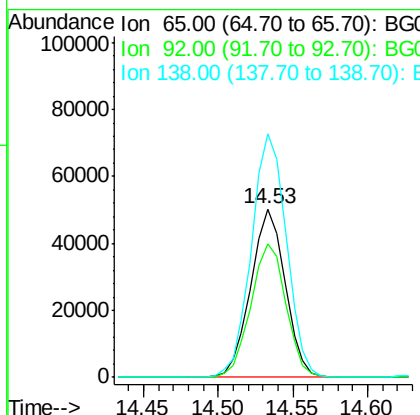
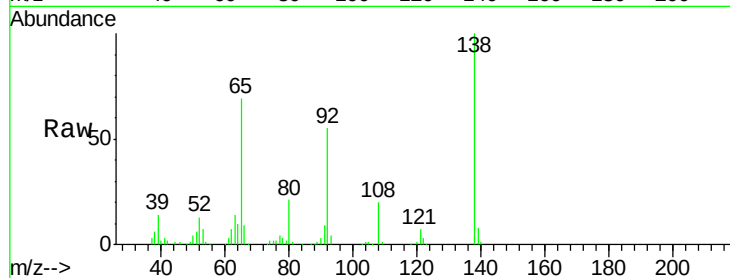




#47  
2-Nitroaniline  
Concen: 48.229 ng  
RT: 14.53 min Scan# 1914  
Delta R.T. -0.01 min  
Lab File: BG031715.D  
Acq: 22 Dec 2017 17:32

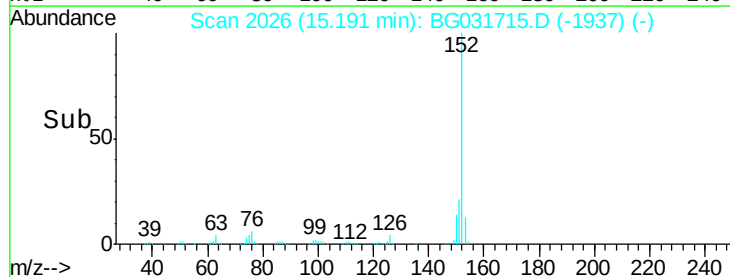
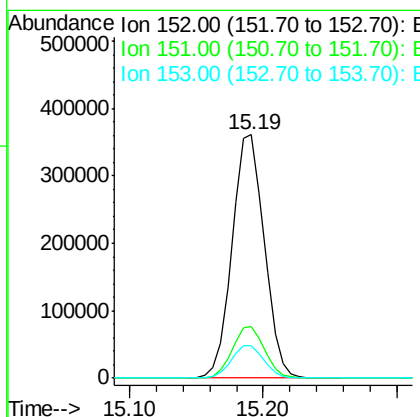
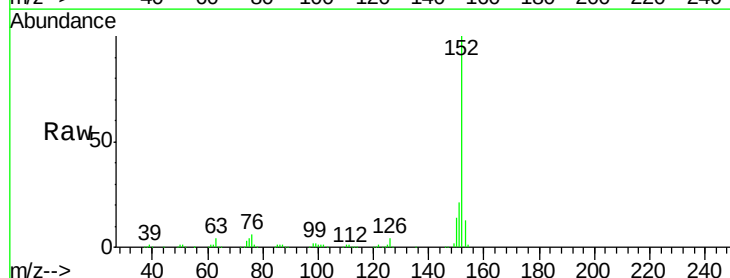
Instrument :  
BNA\_G  
ClientSampleId :  
PB105237BS

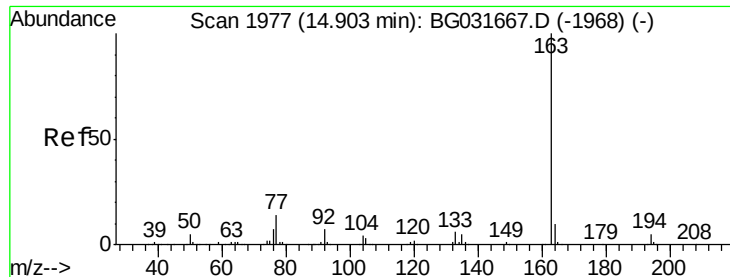
| Tot Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 65      | 100   |       |       |       |
| 92      | 79.1  | 54.6  | 82.0  |       |
| 138     | 144.5 | 72.9  | 109.3 |       |



#48  
Acenaphthylene  
Concen: 39.173 ng  
RT: 15.19 min Scan# 2026  
Delta R.T. -0.01 min  
Lab File: BG031715.D  
Acq: 22 Dec 2017 17:32

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 152     | 100  |       |       |       |
| 151     | 21.2 | 17.2  | 25.8  |       |
| 153     | 13.5 | 10.2  | 15.4  |       |





#49

Dimethylphthalate

Concen: 40.702 ng

RT: 14.89 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

Instrument :

BNA\_G

ClientSampleId :

PB105237BS

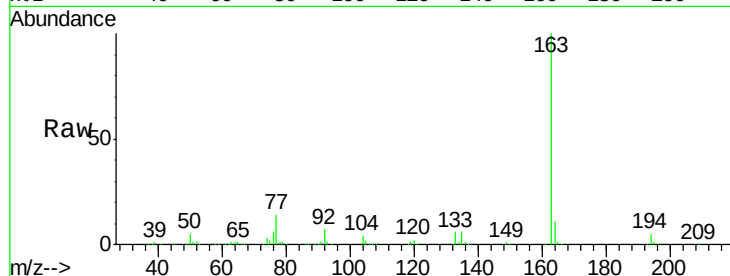
Tot Ion:163 Resp: 530498

Ion Ratio Lower Upper

163 100

194 5.2 3.4 5.2#

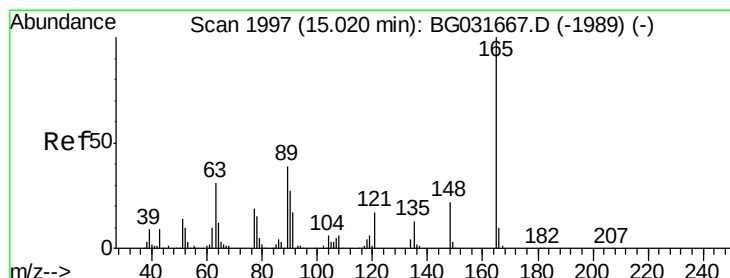
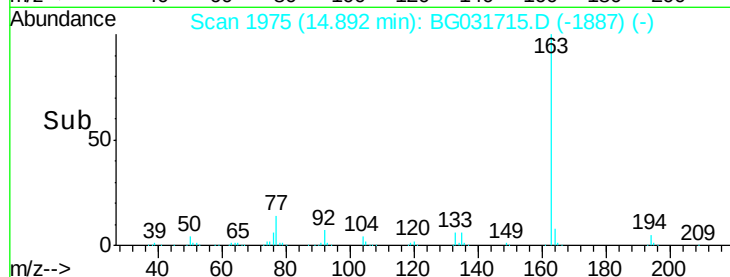
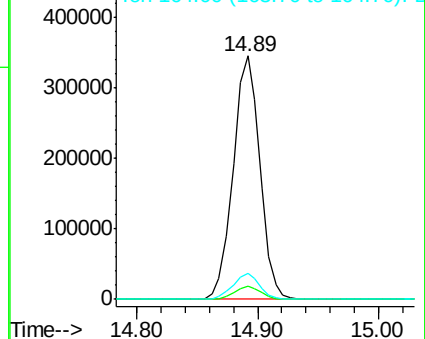
164 10.6 8.2 12.4



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: 48.261 ng

RT: 15.01 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

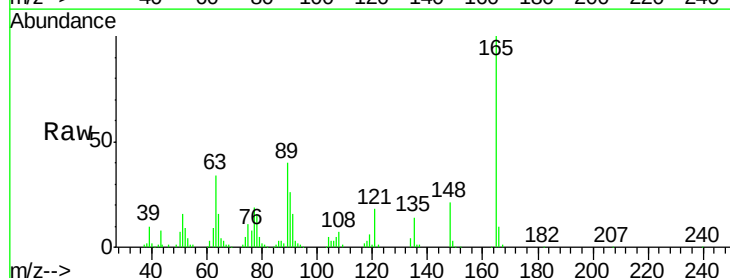
Tgt Ion:165 Resp: 115715

Ion Ratio Lower Upper

165 100

63 33.8 52.7 79.1#

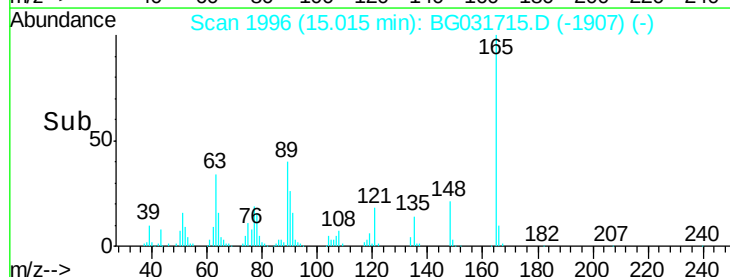
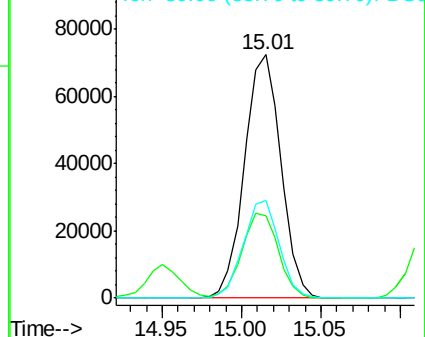
89 40.1 49.2 73.8#

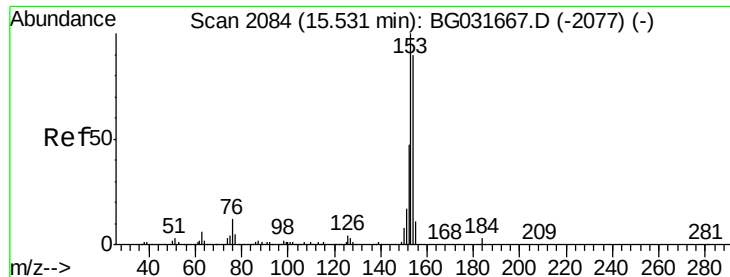


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 43.501 ng

RT: 15.53 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

Instrument :

BNA\_G

ClientSampleId :

PB105237BS

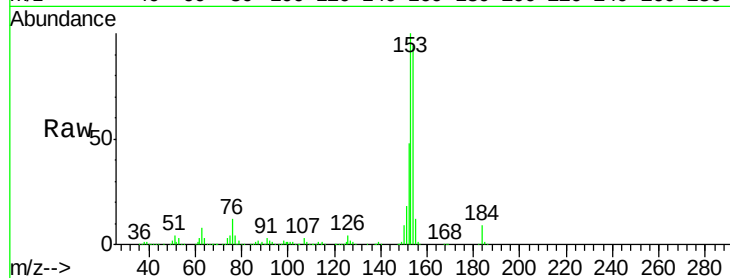
Tot Ion:154 Resp: 439302

Ion Ratio Lower Upper

154 100

153 106.1 90.4 135.6

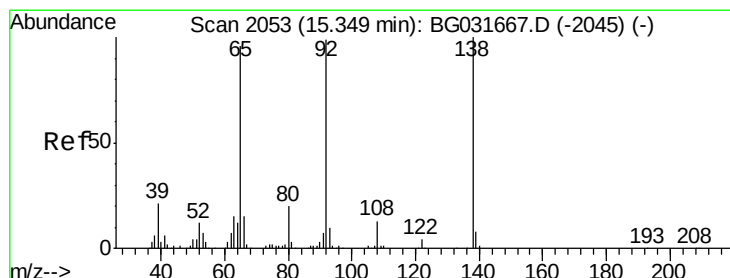
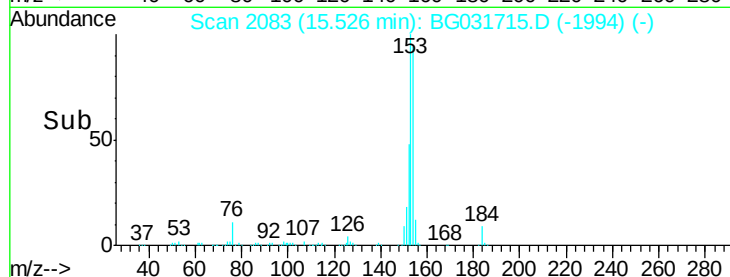
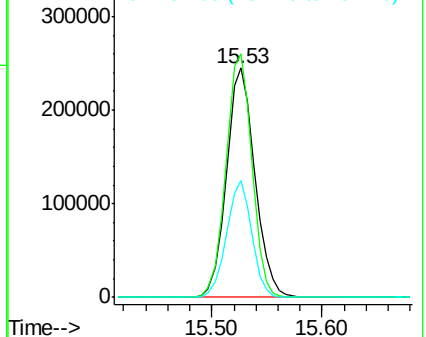
152 51.0 41.6 62.4



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: 23.307 ng

RT: 15.34 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

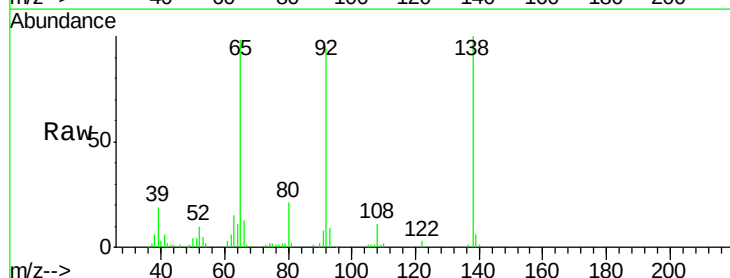
Tgt Ion:138 Resp: 54522

Ion Ratio Lower Upper

138 100

108 10.9 17.5 26.3#

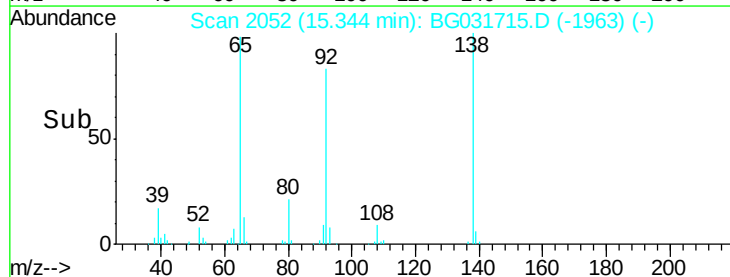
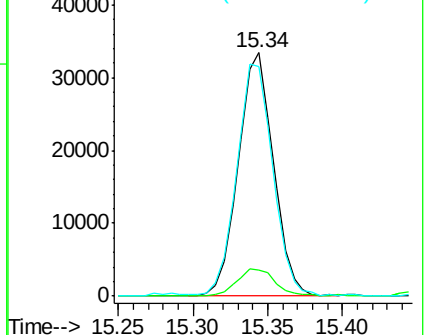
92 94.2 105.8 158.8#

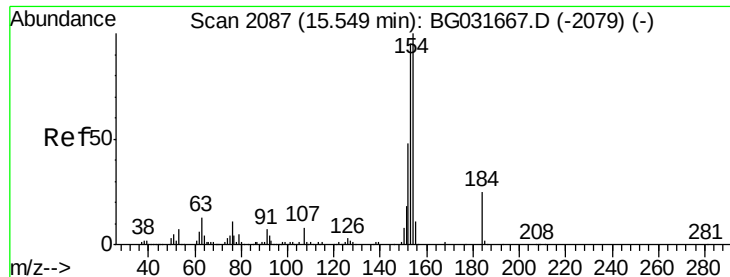


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 109.762 ng

RT: 15.54 min Scan# 2086

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

Instrument :

BNA\_G

ClientSampleId :

PB105237BS

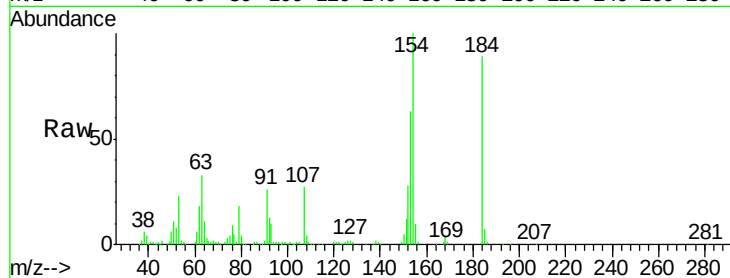
Tot Ion:184 Resp: 114999

Ion Ratio Lower Upper

184 100

63 36.7 59.8 89.8#

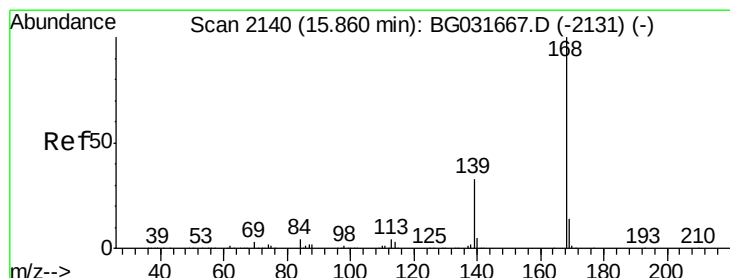
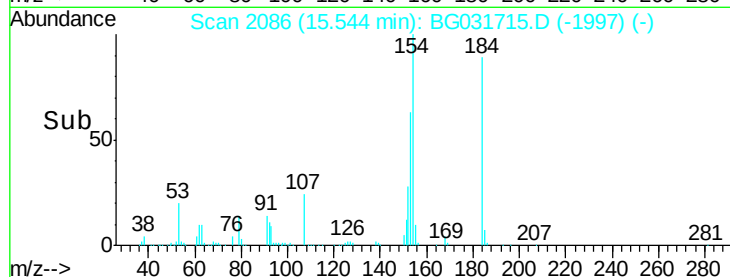
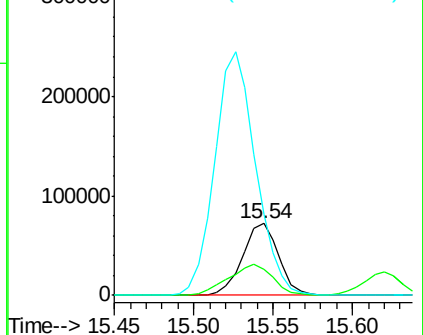
154 112.2 101.8 152.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 40.738 ng

RT: 15.86 min Scan# 2139

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

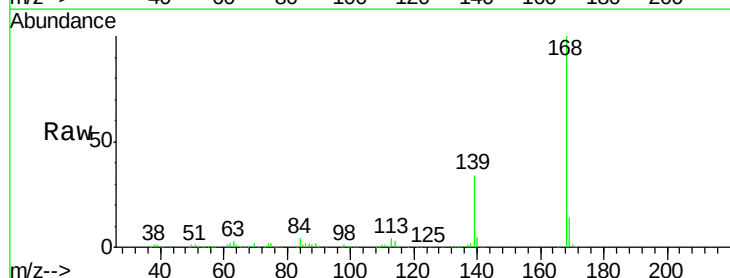
Tgt Ion:168 Resp: 630638

Ion Ratio Lower Upper

168 100

139 33.7 28.6 43.0

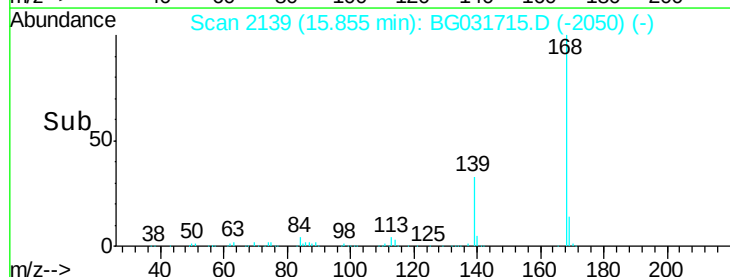
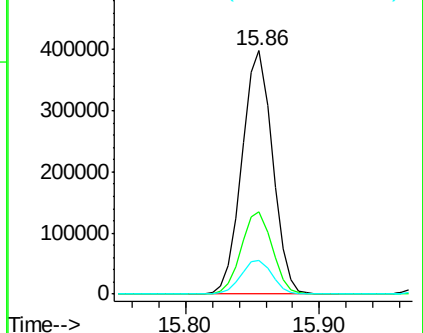
169 14.1 11.2 16.8

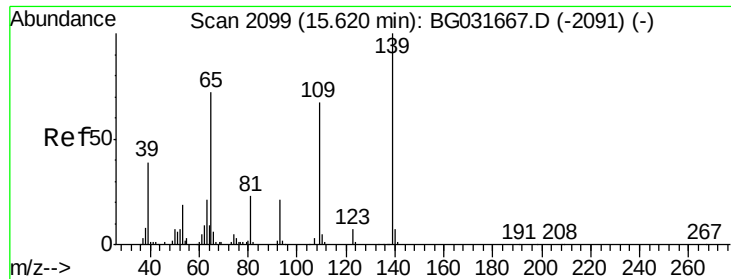


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 98.018 ng

RT: 15.62 min Scan# 2099

Delta R.T. 0.00 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

Instrument :

BNA\_G

ClientSampleId :

PB105237BS

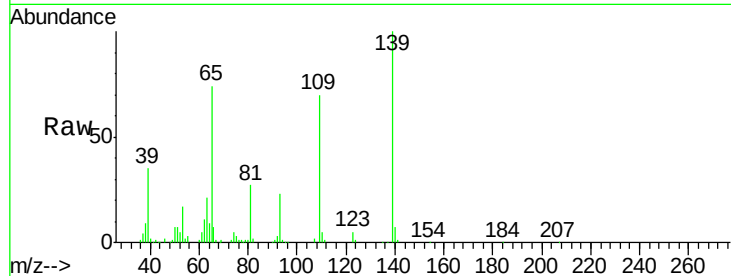
Tot Ion:139 Resp: 186619

Ion Ratio Lower Upper

139 100

109 70.0 62.2 102.2

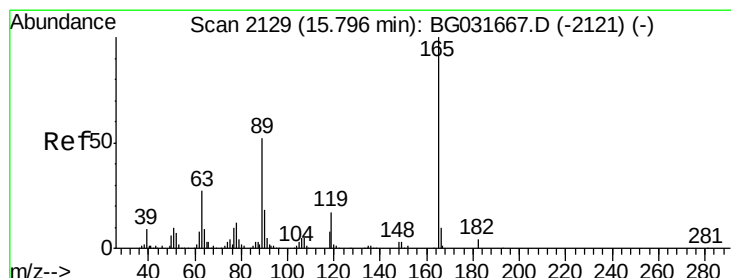
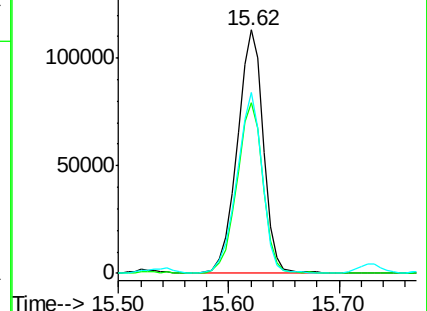
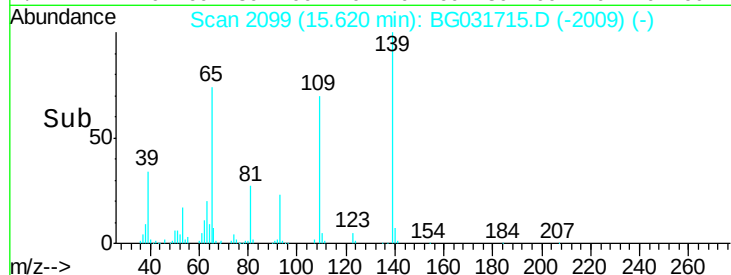
65 74.3 97.2 137.2#



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: 52.606 ng

RT: 15.79 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

Tgt Ion:165 Resp: 162190

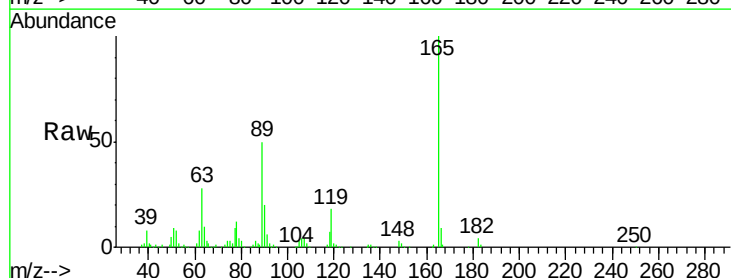
Ion Ratio Lower Upper

165 100

63 27.9 42.0 63.0#

89 50.4 66.9 100.3#

182 3.9 2.6 3.8#

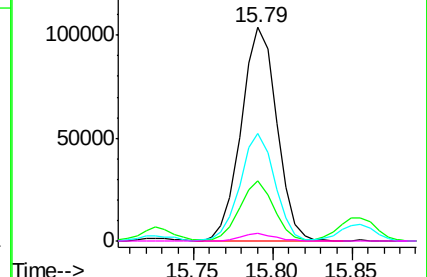
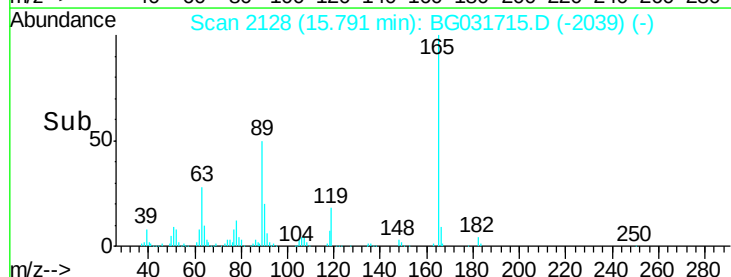


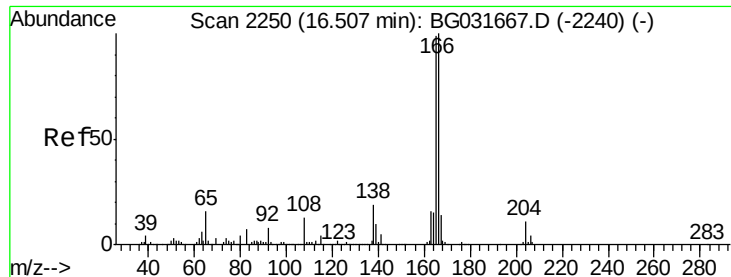
Abundance Ion 165.00 (164.70 to 165.70): E

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

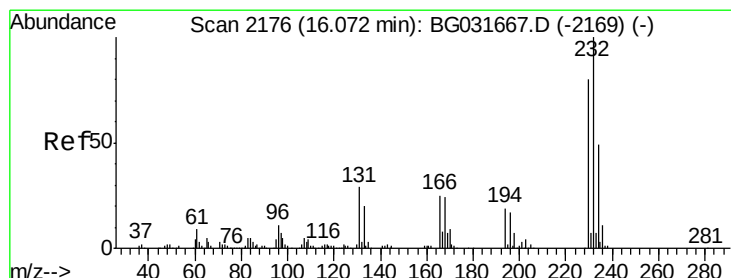
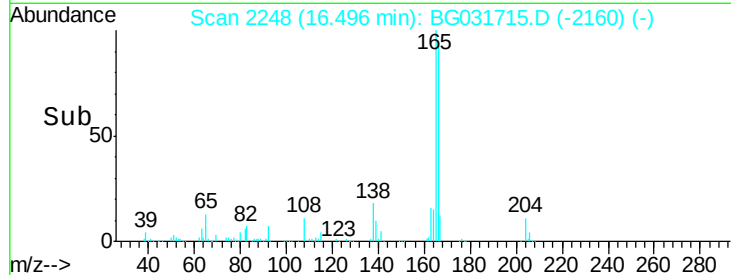
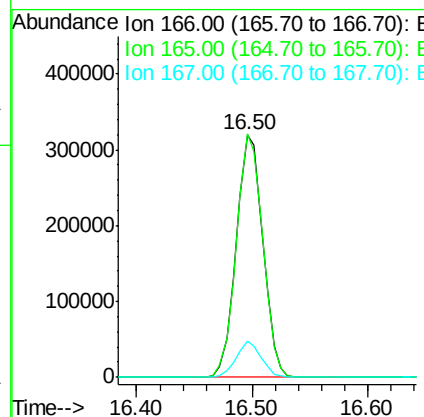
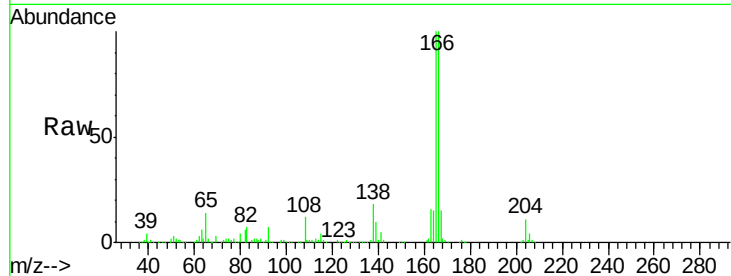




#57  
 Fluorene  
 Concen: 40.586 ng  
 RT: 16.50 min Scan# 2248  
 Delta R.T. -0.01 min  
 Lab File: BG031715.D  
 Acq: 22 Dec 2017 17:32

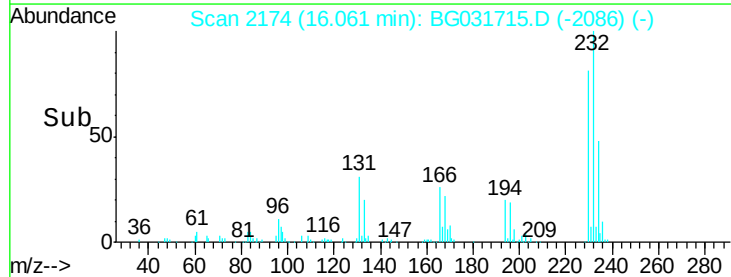
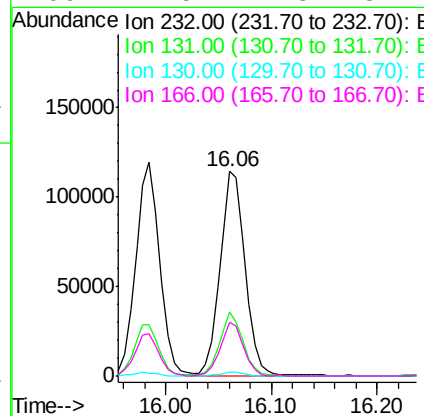
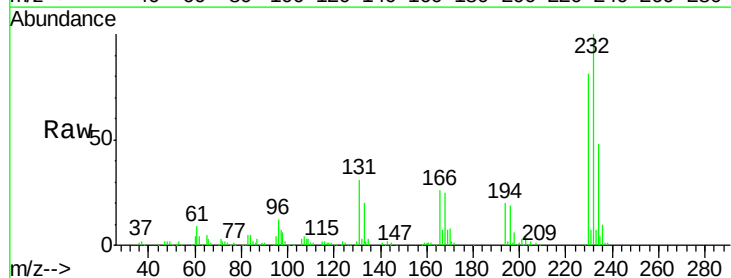
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB105237BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 100.4 | 80.6  | 121.0 |
| 167     | 14.8  | 10.4  | 15.6  |

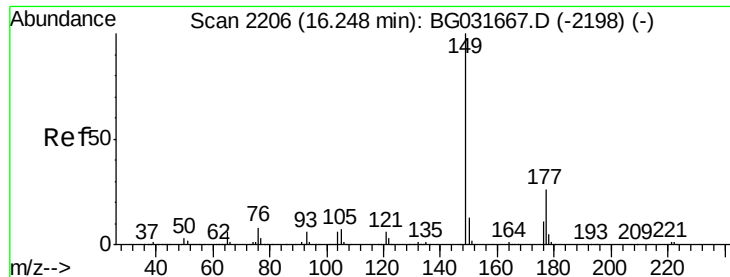


#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 48.568 ng  
 RT: 16.06 min Scan# 2174  
 Delta R.T. -0.01 min  
 Lab File: BG031715.D  
 Acq: 22 Dec 2017 17:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 29.1  | 33.5  | 50.3# |
| 130     | 1.7   | 2.2   | 3.2#  |
| 166     | 24.5  | 24.8  | 37.2# |







#59

Diethylphthalate

Concen: 40.341 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

Instrument :

BNA\_G

ClientSampleId :

PB105237BS

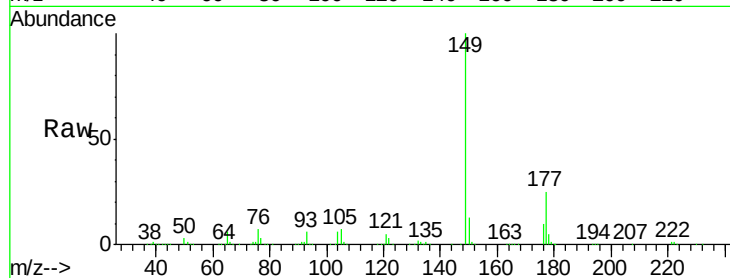
Tot Ion:149 Resp: 512464

Ion Ratio Lower Upper

149 100

177 25.4 18.5 27.7

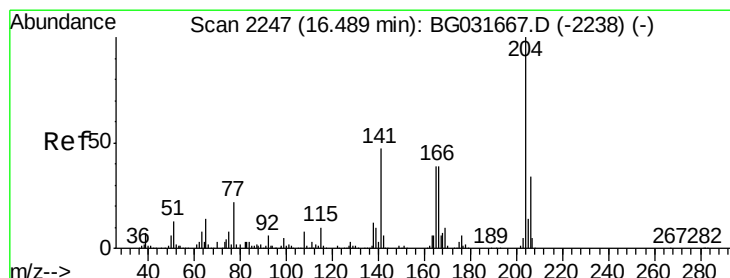
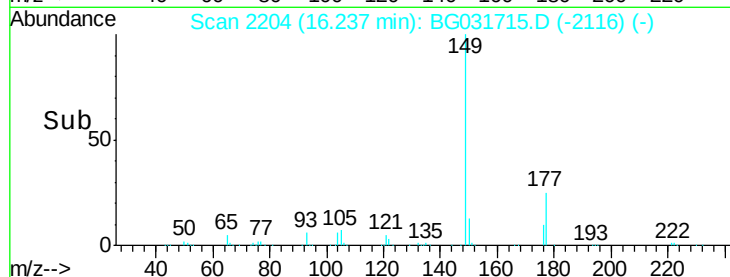
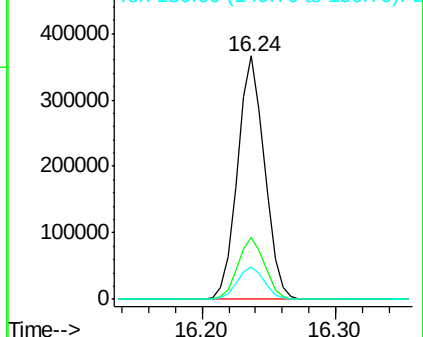
150 13.3 10.2 15.2



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: 40.361 ng

RT: 16.48 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

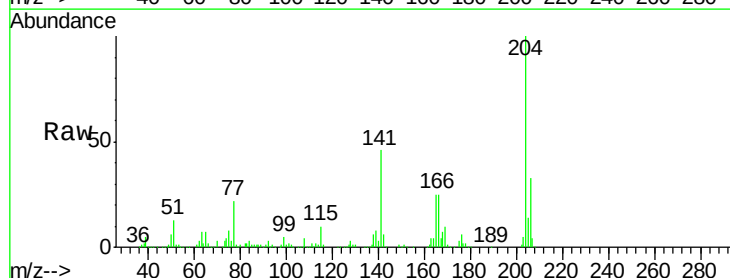
Tgt Ion:204 Resp: 310556

Ion Ratio Lower Upper

204 100

206 32.7 26.2 39.2

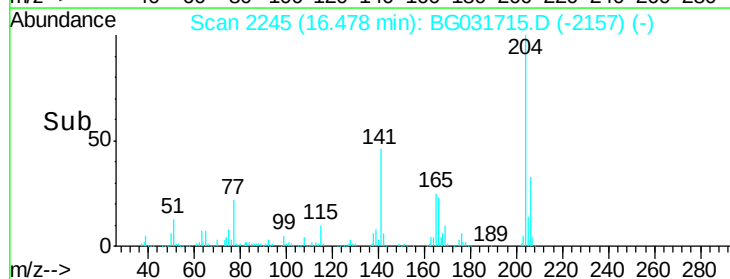
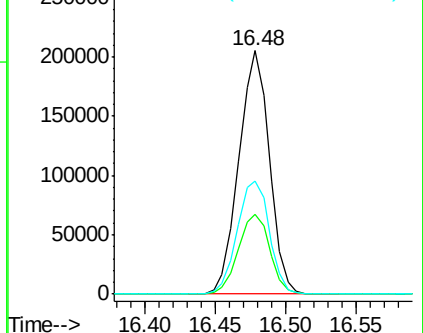
141 46.3 45.8 68.6

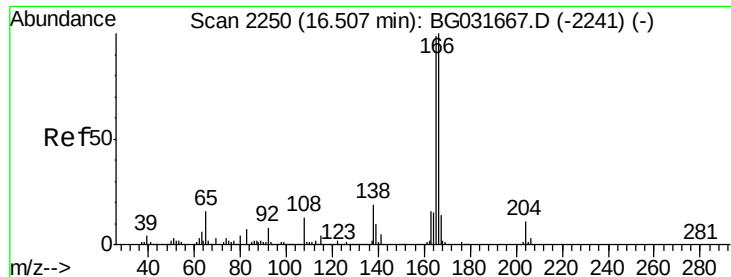


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

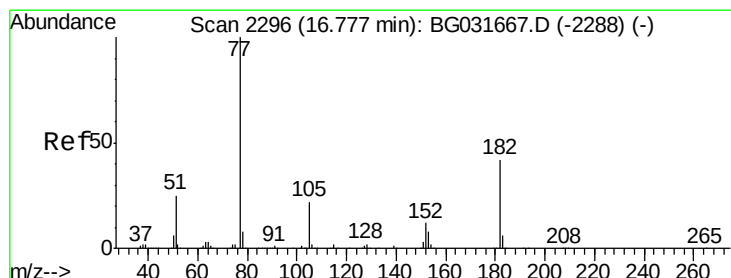
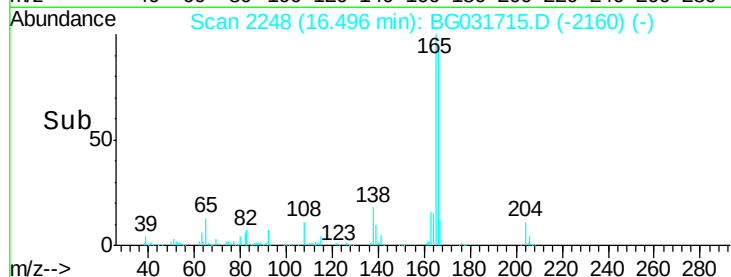
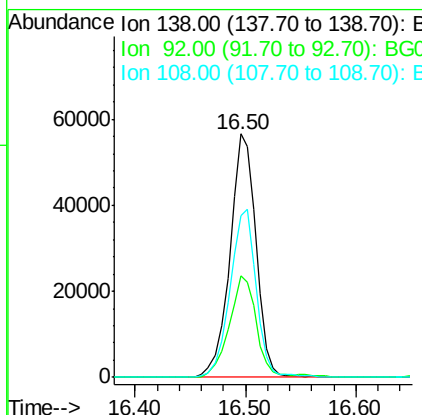
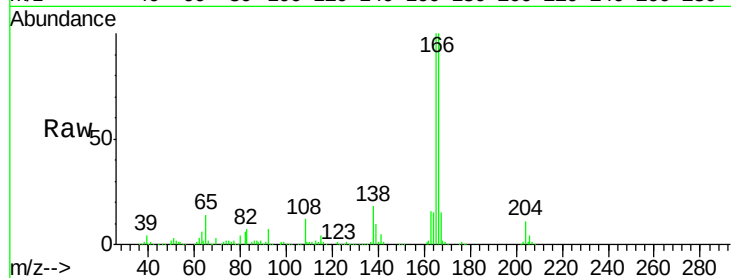




#61  
4-Nitroaniline  
Concen: 40.956 ng  
RT: 16.50 min Scan# 2248  
Delta R.T. -0.01 min  
Lab File: BG031715.D  
Acq: 22 Dec 2017 17:32

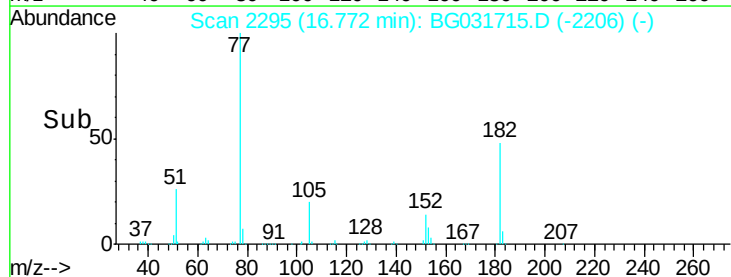
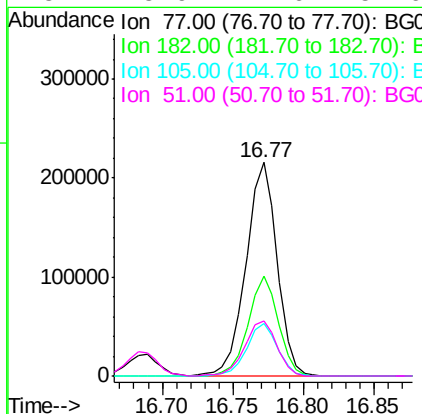
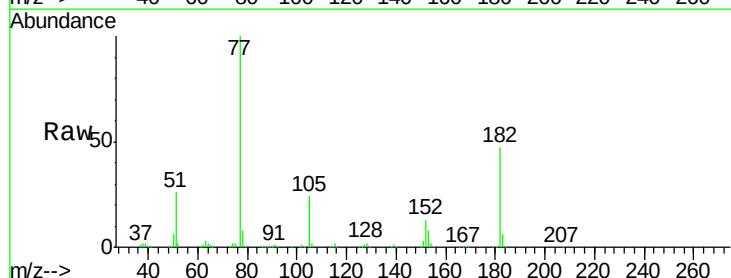
Instrument :  
BNA\_G  
ClientSampleId :  
PB105237BS

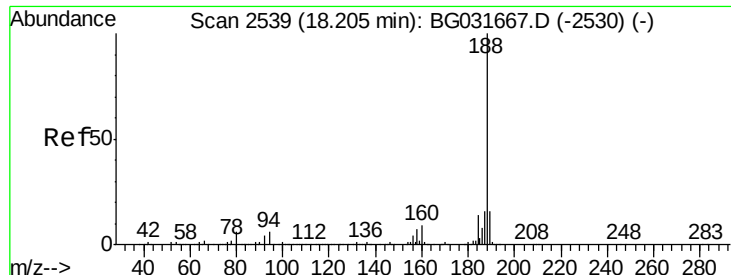
Tot Ion:138 Resp: 93493  
Ion Ratio Lower Upper  
138 100  
92 41.5 40.1 80.1  
108 66.7 65.4 105.4



#62  
Azobenzene  
Concen: 40.856 ng  
RT: 16.77 min Scan# 2295  
Delta R.T. -0.01 min  
Lab File: BG031715.D  
Acq: 22 Dec 2017 17:32

Tgt Ion: 77 Resp: 332846  
Ion Ratio Lower Upper  
77 100  
182 46.6 7.4 47.4  
105 24.4 0.3 40.3  
51 25.9 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.19 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

Instrument :

BNA\_G

ClientSampleId :

PB105237BS

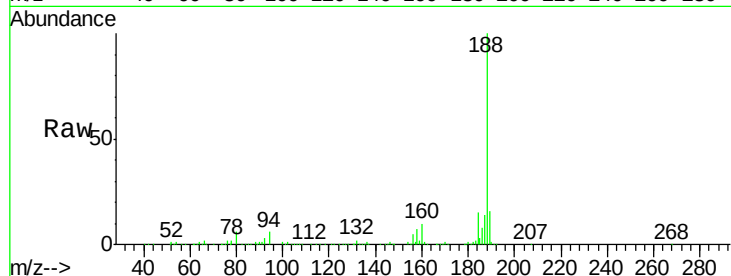
Tot Ion:188 Resp: 370108

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

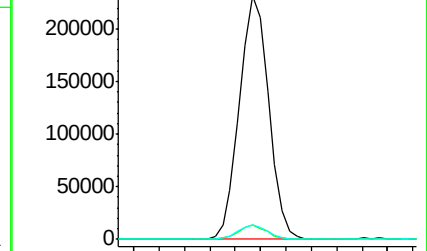
80 6.0 7.7 11.5#



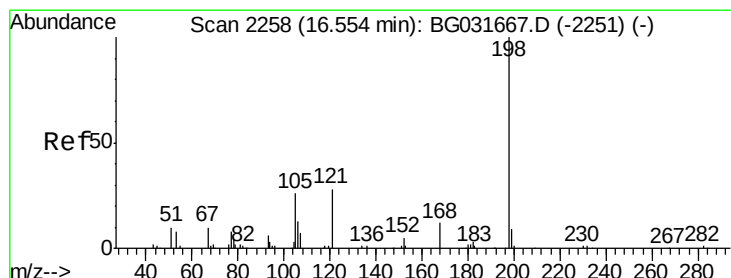
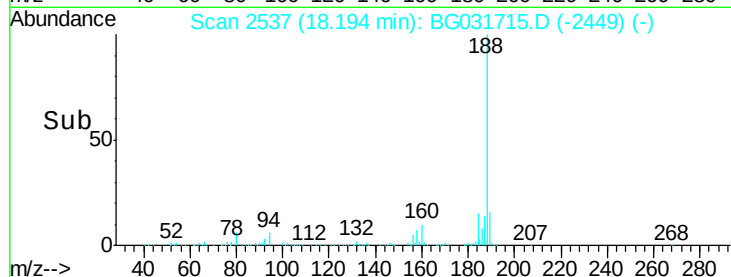
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 18.10 18.20 18.30



#64

4,6-Dinitro-2-methylphenol

Concen: 44.634 ng

RT: 16.55 min Scan# 2257

Delta R.T. -0.00 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

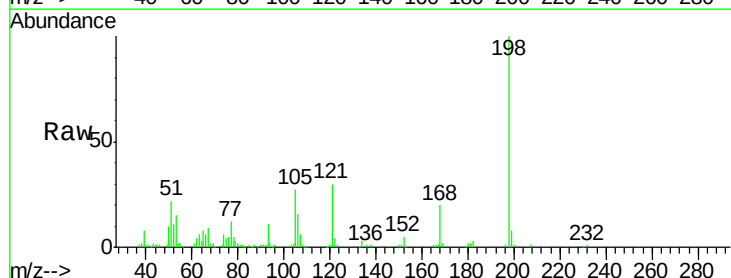
Tgt Ion:198 Resp: 79097

Ion Ratio Lower Upper

198 100

51 22.1 30.6 70.6#

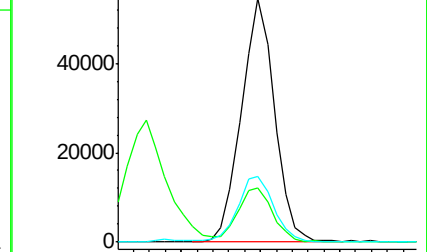
105 27.1 23.8 63.8



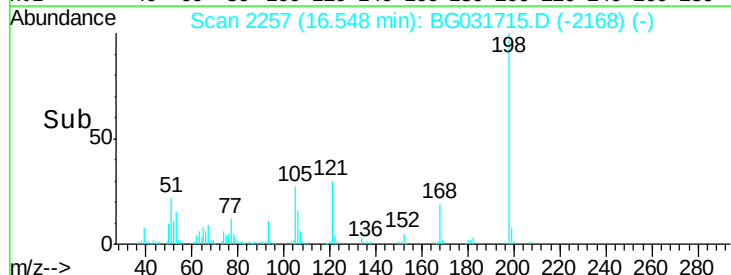
Abundance Ion 198.00 (197.70 to 198.70): E

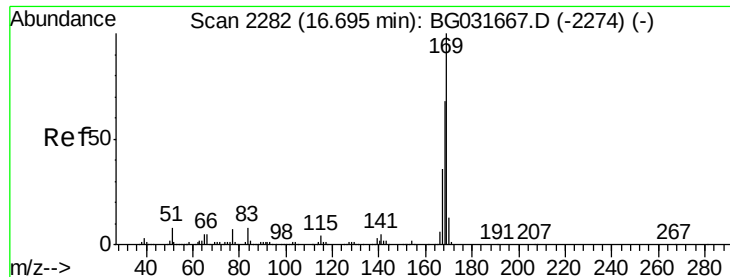
Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



Time--> 16.50 16.55 16.60

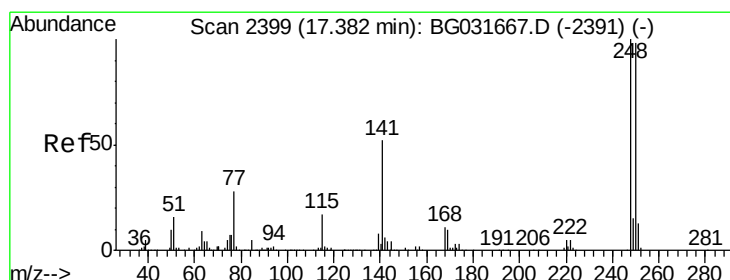
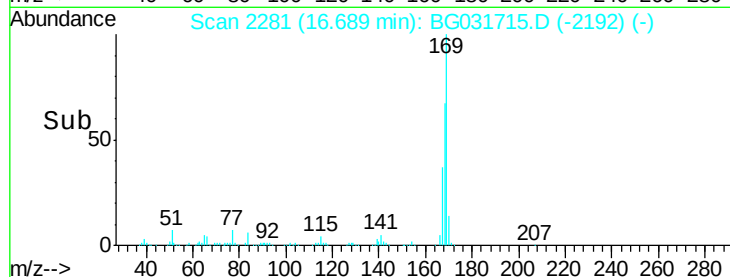
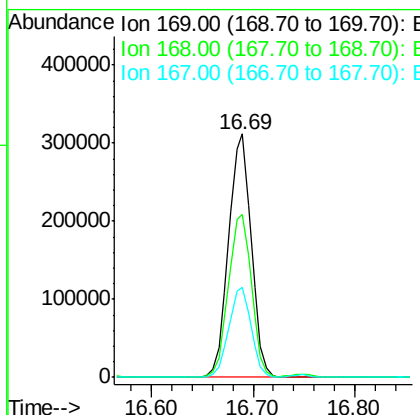
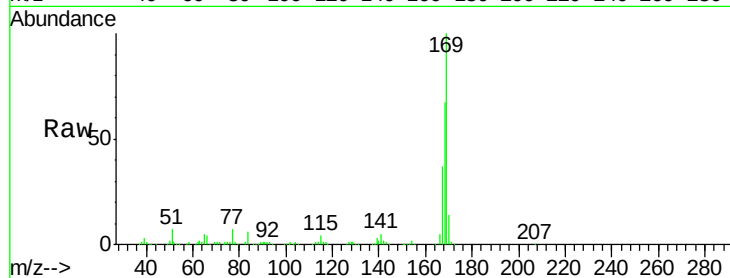




#65  
 n-Nitrosodiphenylamine  
 Concen: 39.241 ng  
 RT: 16.69 min Scan# 2281  
 Delta R.T. -0.01 min  
 Lab File: BG031715.D  
 Acq: 22 Dec 2017 17:32

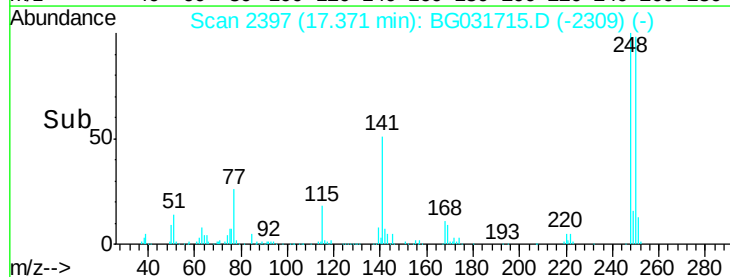
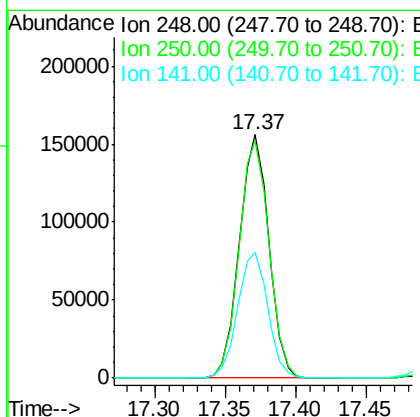
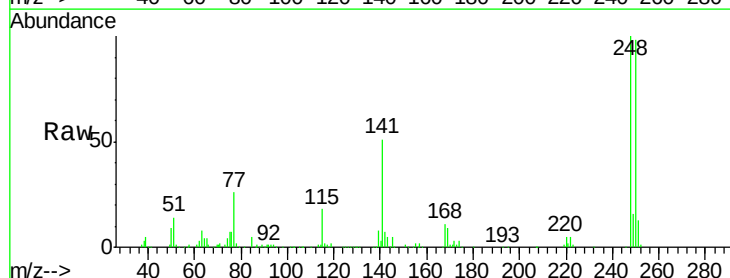
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB105237BS

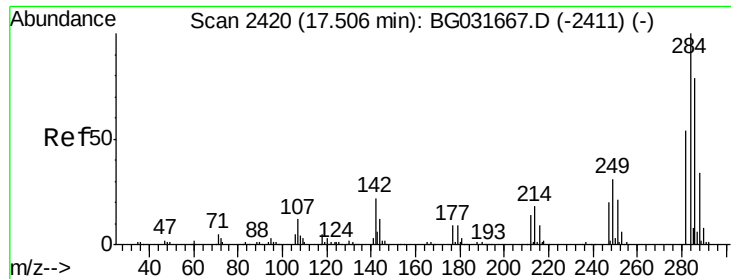
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 67.1  | 55.7  | 83.5  |
| 167     | 36.8  | 30.1  | 45.1  |



#66  
 4-Bromophenyl-phenylether  
 Concen: 42.482 ng  
 RT: 17.37 min Scan# 2397  
 Delta R.T. -0.01 min  
 Lab File: BG031715.D  
 Acq: 22 Dec 2017 17:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.7  | 77.1  | 115.7 |
| 141     | 51.5  | 50.8  | 76.2  |





#67

Hexachlorobenzene

Concen: 42.970 ng

RT: 17.49 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

Instrument :

BNA\_G

ClientSampleId :

PB105237BS

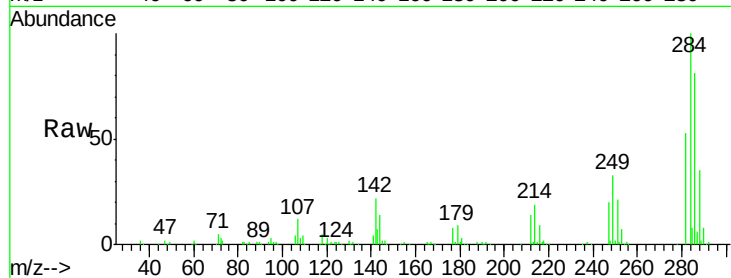
Tot Ion:284 Resp: 235096

Ion Ratio Lower Upper

284 100

142 22.2 26.8 40.2#

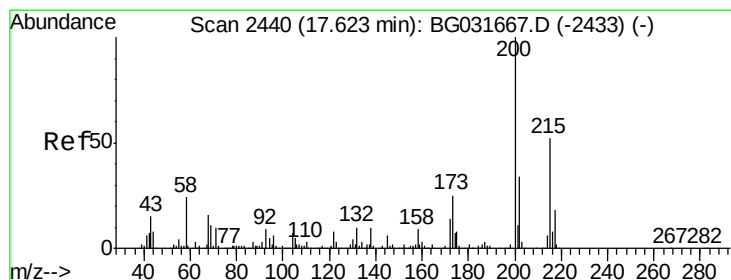
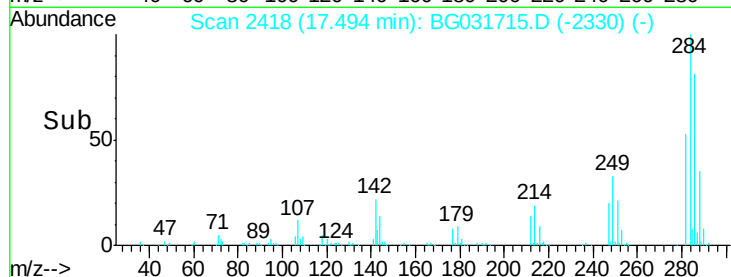
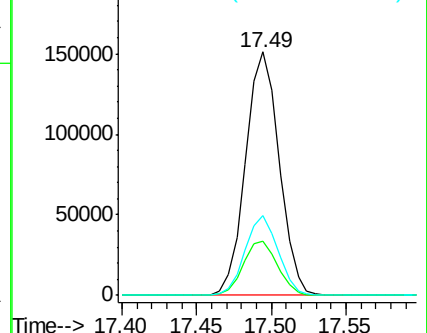
249 32.8 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.322 ng

RT: 17.61 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

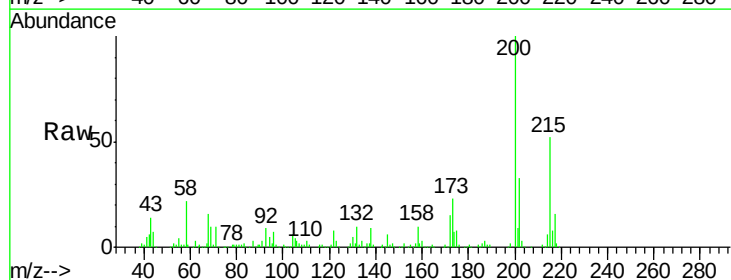
Tgt Ion:200 Resp: 207066

Ion Ratio Lower Upper

200 100

173 23.1 5.2 45.2

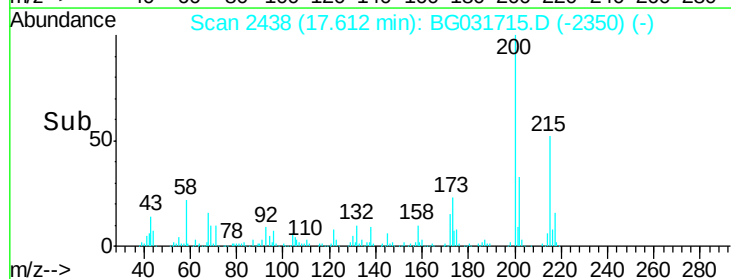
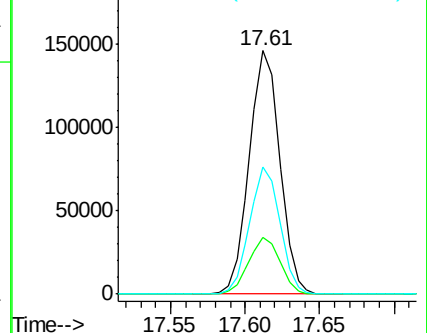
215 52.1 30.4 70.4

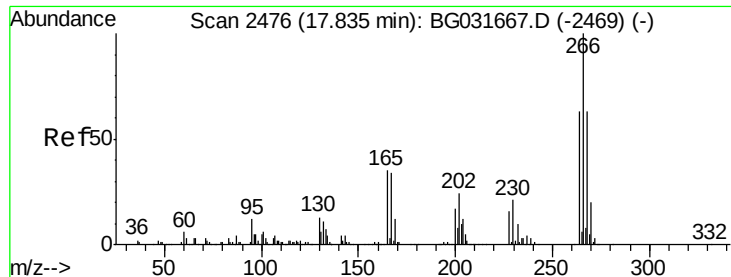


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

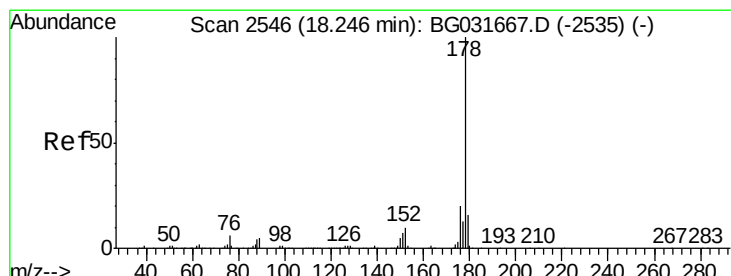
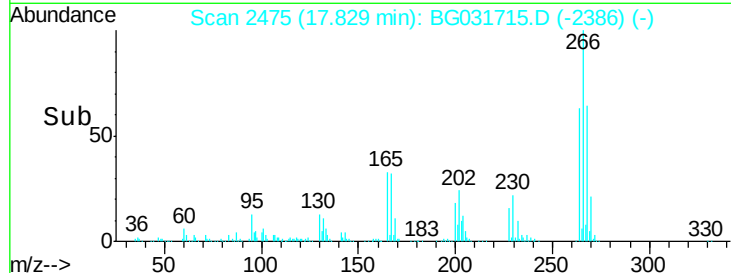
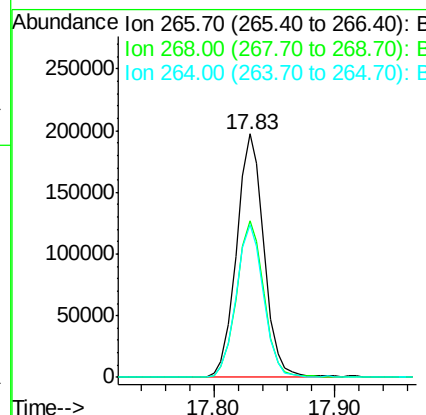
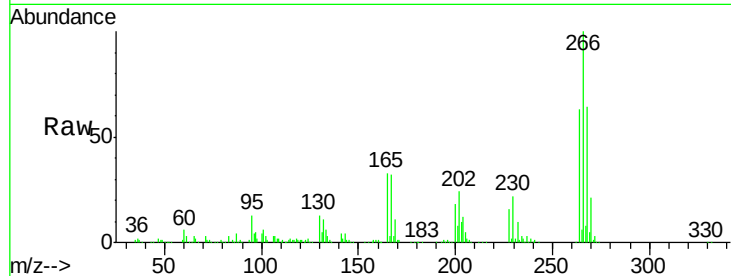




#69  
 Pentachlorophenol  
 Concen: 82.763 ng  
 RT: 17.83 min Scan# 2475  
 Delta R.T. -0.01 min  
 Lab File: BG031715.D  
 Acq: 22 Dec 2017 17:32

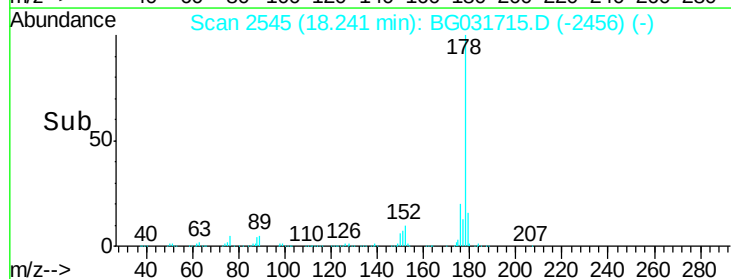
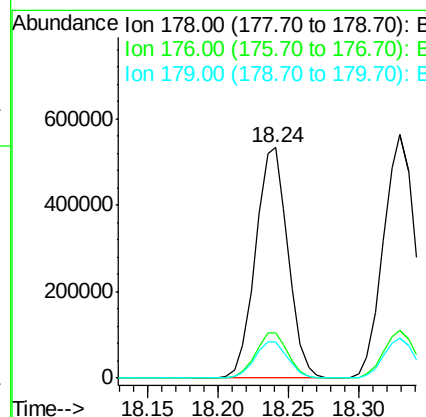
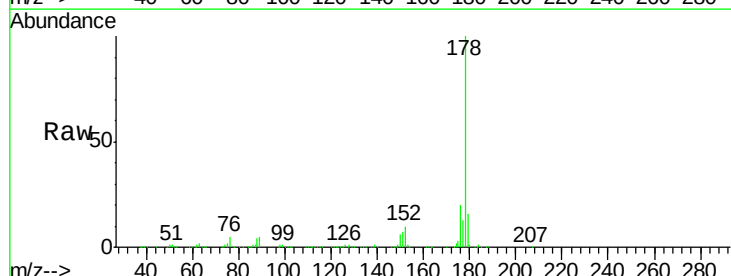
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB105237BS

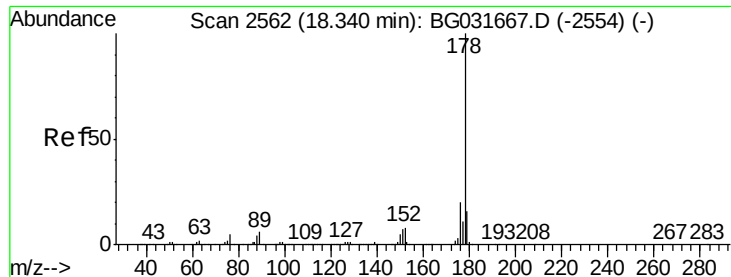
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.4  | 51.1  | 76.7  |
| 264     | 62.7  | 49.6  | 74.4  |



#70  
 Phenanthrene  
 Concen: 41.119 ng  
 RT: 18.24 min Scan# 2545  
 Delta R.T. -0.01 min  
 Lab File: BG031715.D  
 Acq: 22 Dec 2017 17:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.6  | 15.7  | 23.5  |
| 179     | 15.8  | 12.5  | 18.7  |

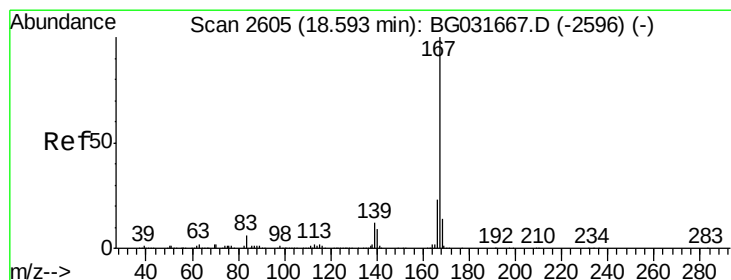
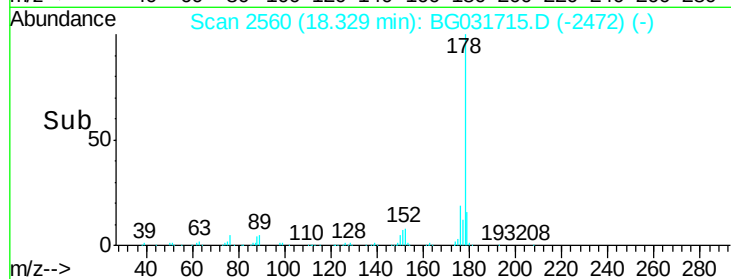
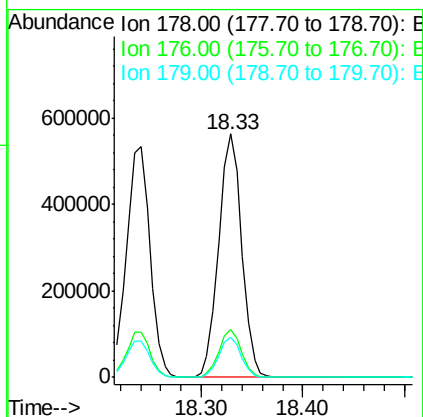
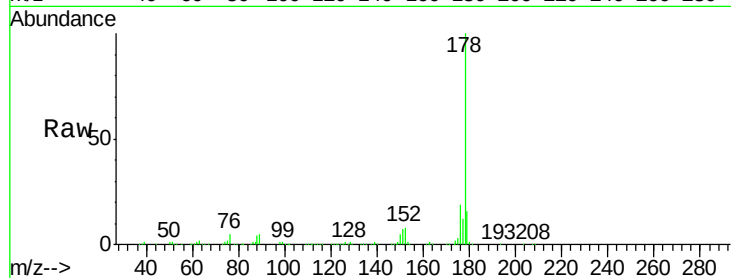




#71  
 Anthracene  
 Concen: 42.019 ng  
 RT: 18.33 min Scan# 2560  
 Delta R.T. -0.01 min  
 Lab File: BG031715.D  
 Acq: 22 Dec 2017 17:32

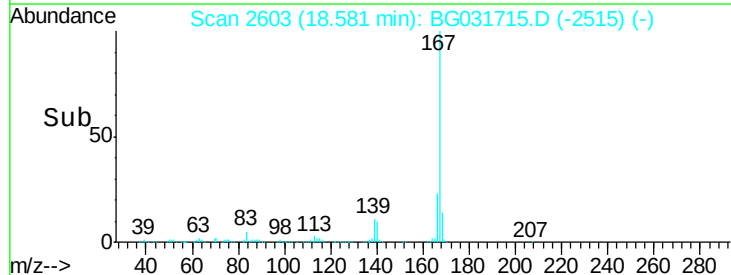
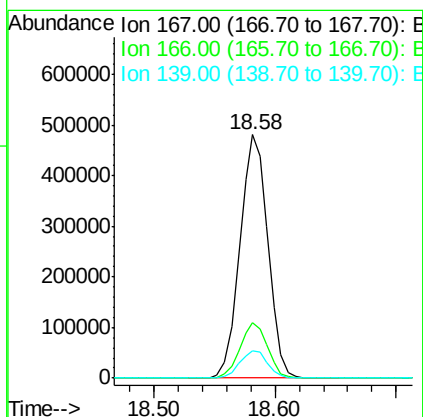
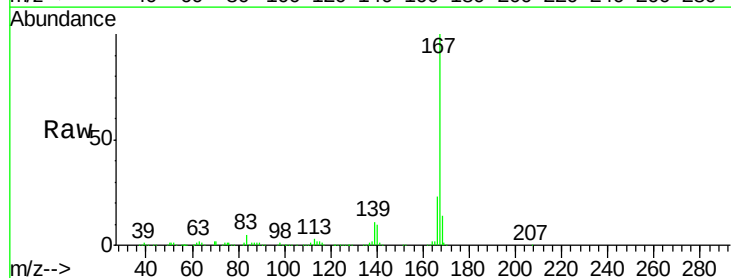
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB105237BS

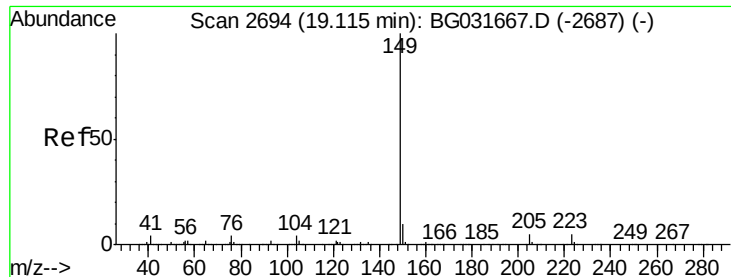
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.4  | 16.0  | 24.0  |
| 179     | 16.4  | 12.5  | 18.7  |



#72  
 Carbazole  
 Concen: 41.366 ng  
 RT: 18.58 min Scan# 2603  
 Delta R.T. -0.01 min  
 Lab File: BG031715.D  
 Acq: 22 Dec 2017 17:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.0  | 18.2  | 27.4  |
| 139     | 11.2  | 9.4   | 14.2  |





#73

Di-n-butylphthalate

Concen: 41.344 ng

RT: 19.10 min Scan# 2691

Delta R.T. -0.02 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

Instrument :

BNA\_G

ClientSampleId :

PB105237BS

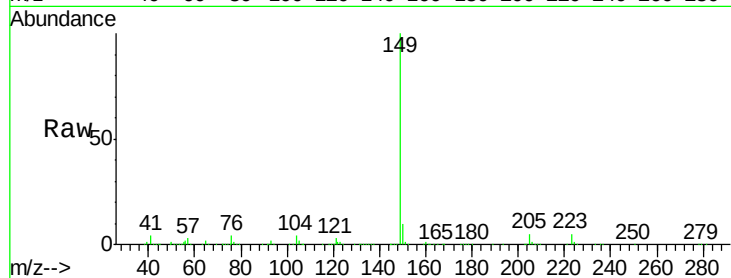
Tot Ion:149 Resp: 859231

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

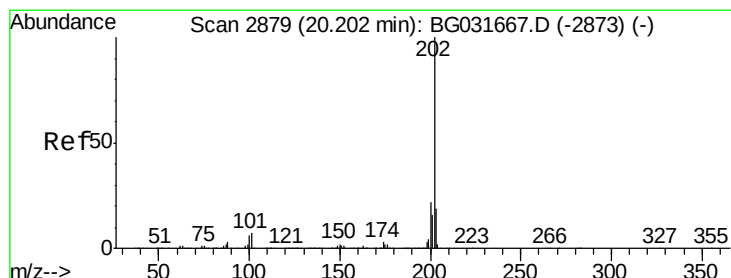
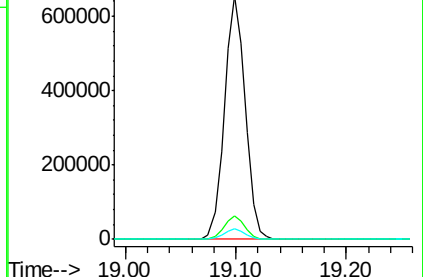
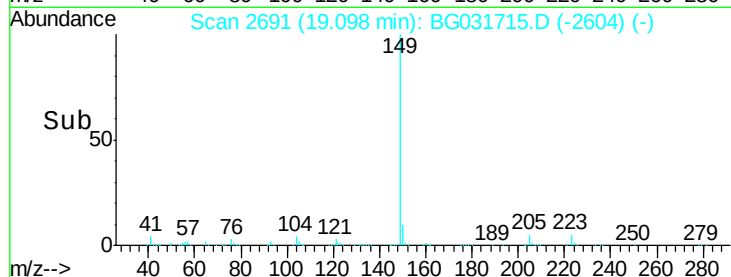
104 4.3 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.397 ng

RT: 20.20 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

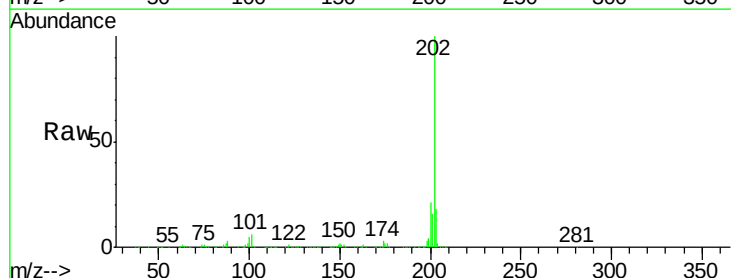
Tgt Ion:202 Resp: 1089615

Ion Ratio Lower Upper

202 100

101 6.4 0.0 28.9

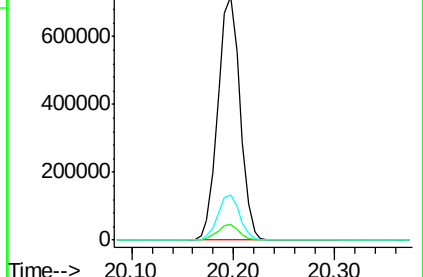
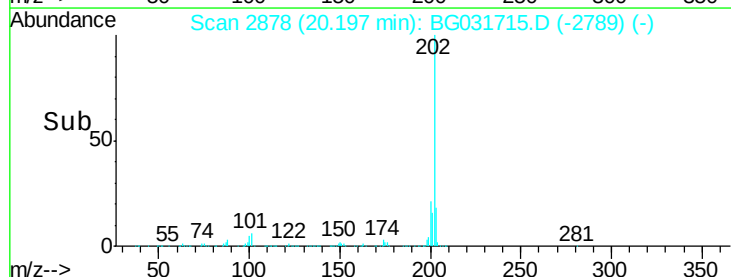
203 18.4 0.0 37.5



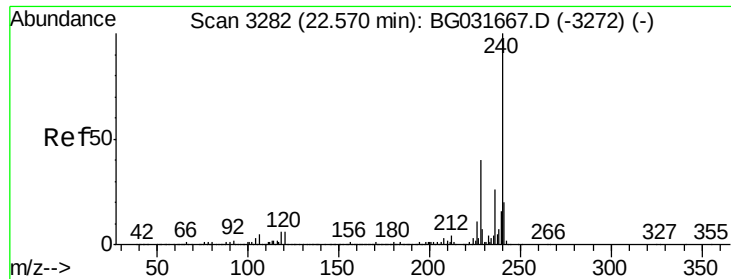
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



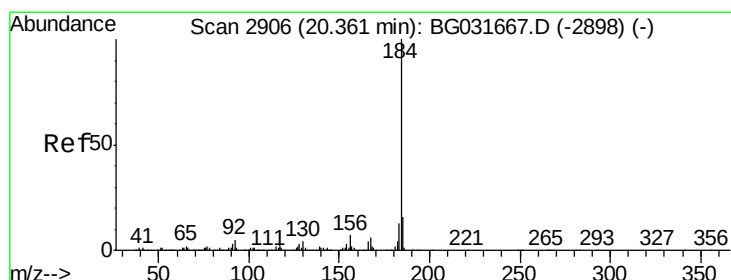
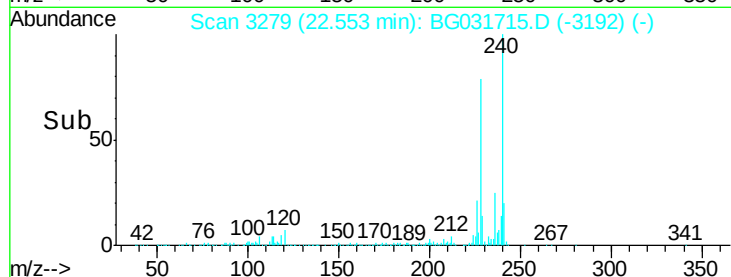
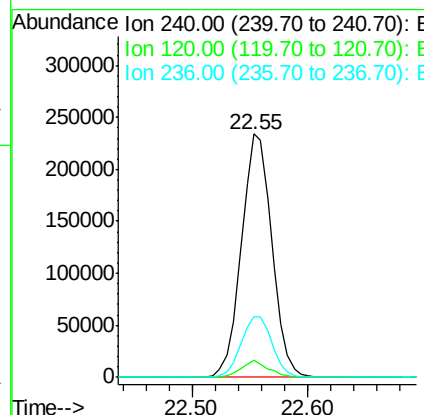
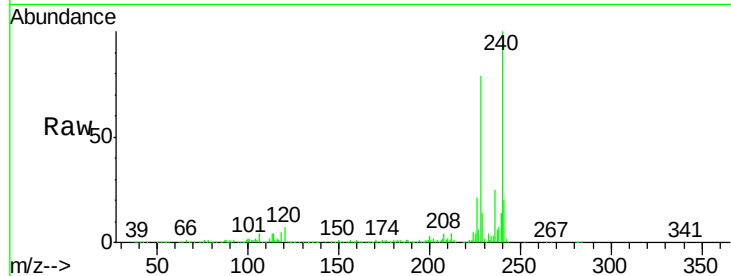




#75  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 22.55 min Scan# 3279  
 Delta R.T. -0.02 min  
 Lab File: BG031715.D  
 Acq: 22 Dec 2017 17:32

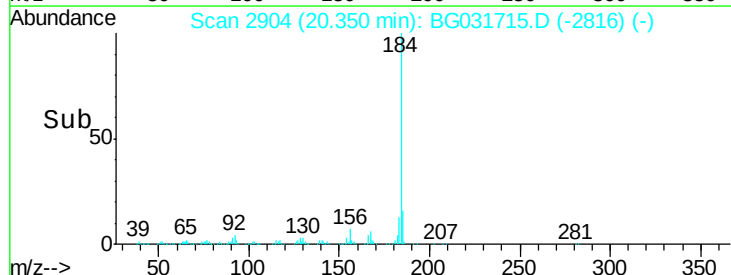
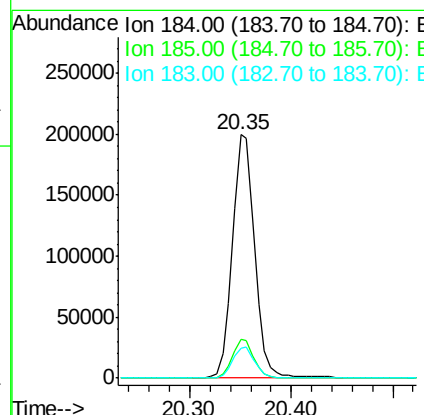
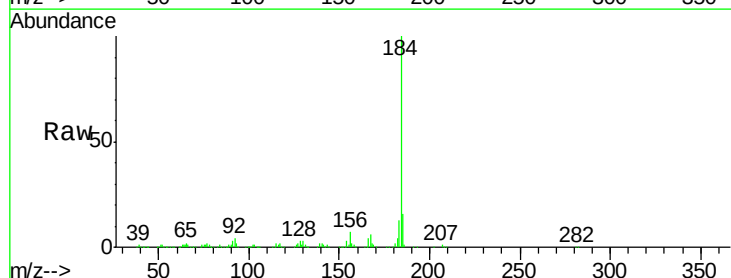
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB105237BS

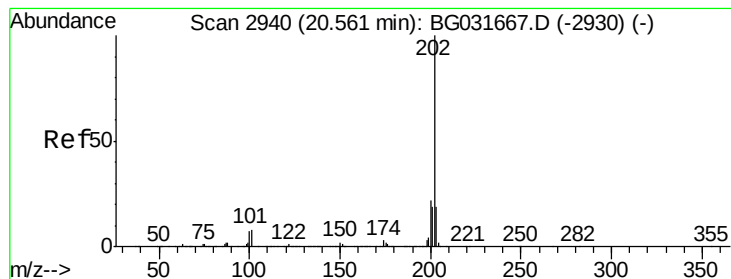
Tot Ion:240 Resp: 427190  
 Ion Ratio Lower Upper  
 240 100  
 120 7.1 6.8 10.2  
 236 24.7 20.9 31.3



#76  
 Benzidine  
 Concen: 23.091 ng  
 RT: 20.35 min Scan# 2904  
 Delta R.T. -0.01 min  
 Lab File: BG031715.D  
 Acq: 22 Dec 2017 17:32

Tgt Ion:184 Resp: 304464  
 Ion Ratio Lower Upper  
 184 100  
 185 16.0 11.1 16.7  
 183 12.5 10.6 16.0





#77

Pvrene

Concen: 40.418 ng

RT: 20.55 min Scan# 2938

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

Instrument :

BNA\_G

ClientSampleId :

PB105237BS

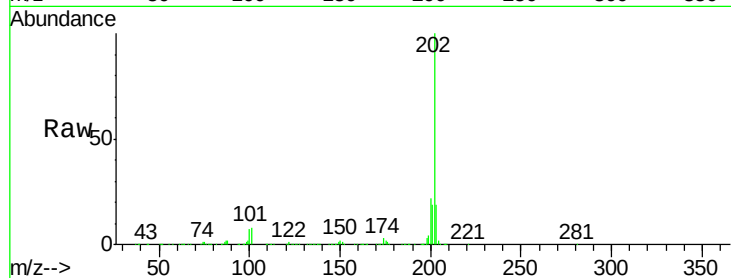
Tot Ion:202 Resp: 1102905

Ion Ratio Lower Upper

202 100

200 21.6 16.9 25.3

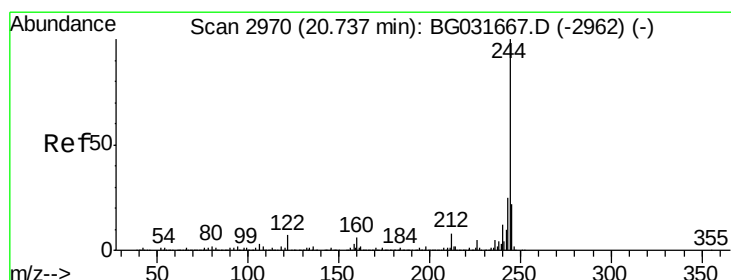
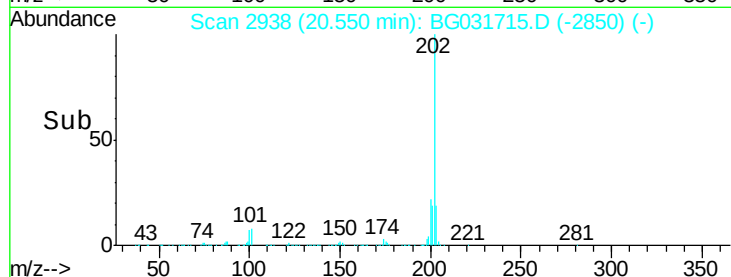
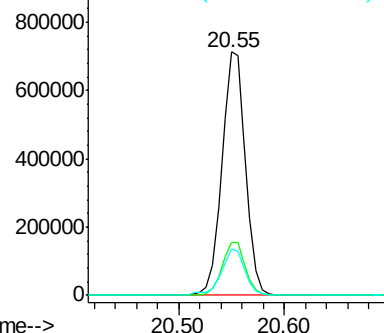
203 19.3 13.9 20.9



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: 92.115 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

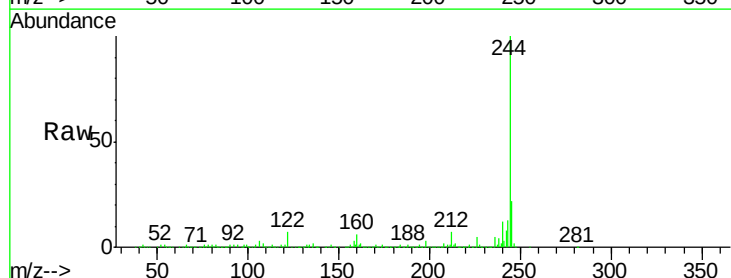
Tgt Ion:244 Resp: 1722385

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

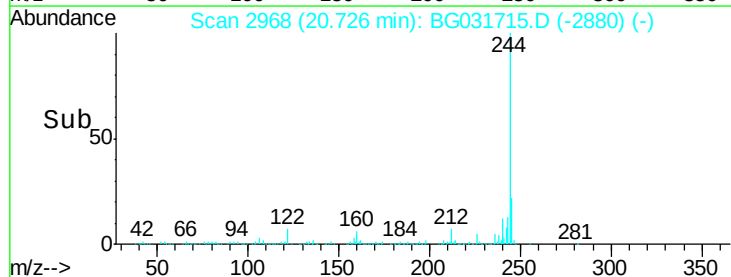
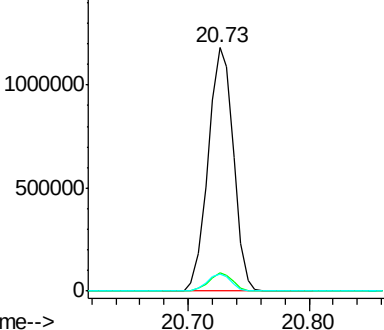
122 7.2 7.0 10.4

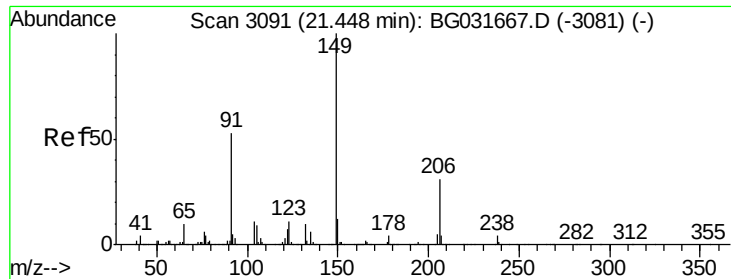


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

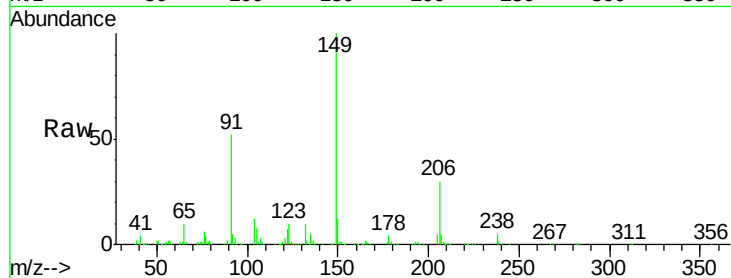




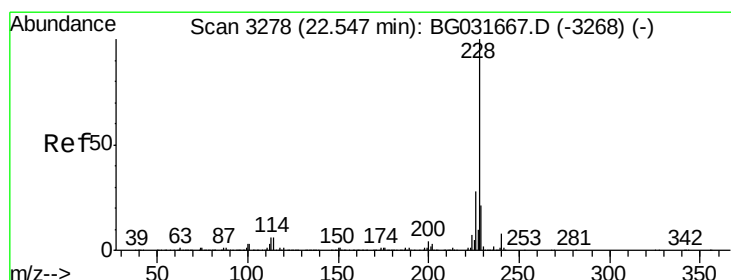
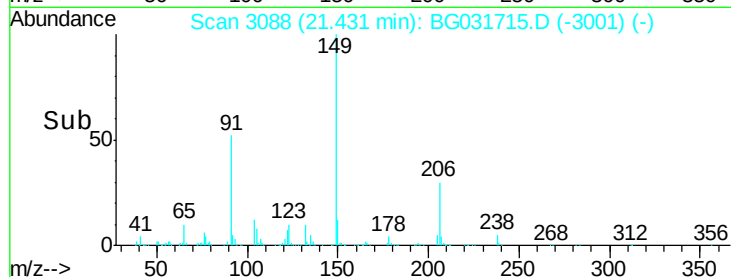
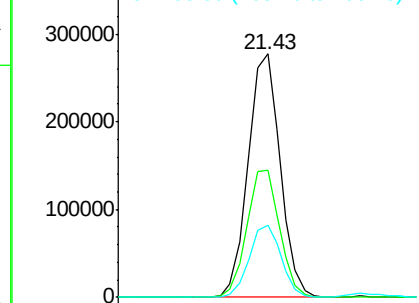
#79  
Butylbenzylphthalate  
Concen: 42.488 ng  
RT: 21.43 min Scan# 3088  
Delta R.T. -0.02 min  
Lab File: BG031715.D  
Acq: 22 Dec 2017 17:32

Instrument :  
BNA\_G  
ClientSampleId :  
PB105237BS

Tot Ion:149 Resp: 389202  
Ion Ratio Lower Upper  
149 100  
91 52.4 62.2 93.2#  
206 29.7 18.6 27.8#

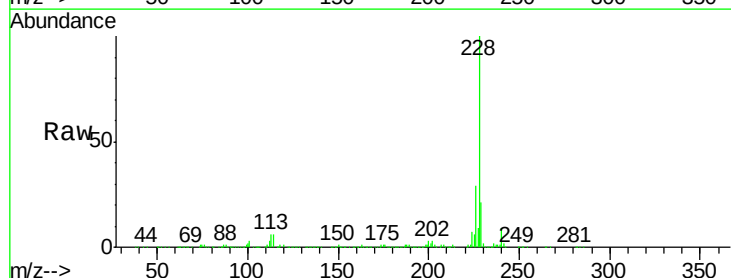


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BG  
Ion 206.00 (205.70 to 206.70): E

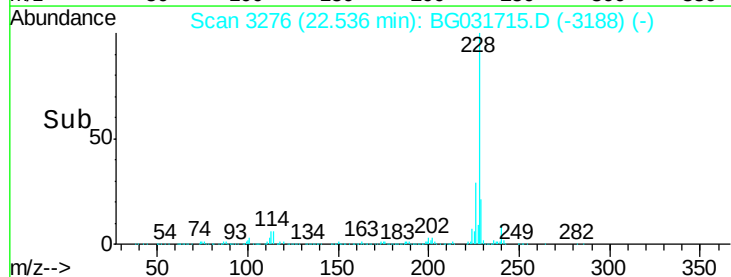
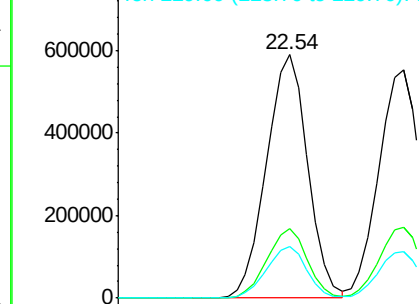


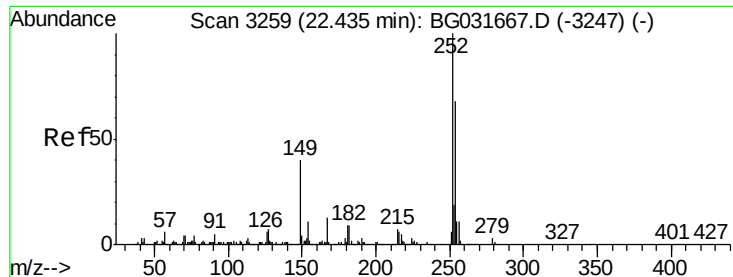
#80  
Benzo(a)anthracene  
Concen: 41.699 ng  
RT: 22.54 min Scan# 3276  
Delta R.T. -0.01 min  
Lab File: BG031715.D  
Acq: 22 Dec 2017 17:32

Tgt Ion:228 Resp: 1133144  
Ion Ratio Lower Upper  
228 100  
226 28.6 22.7 34.1  
229 21.4 16.2 24.2



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

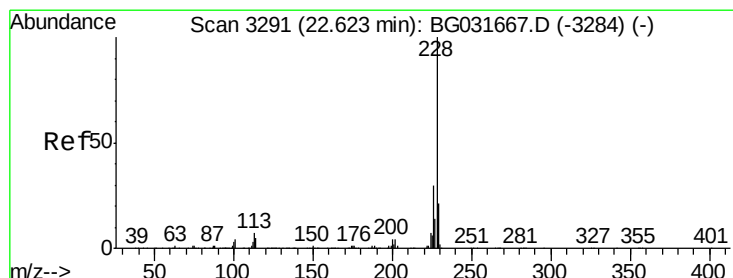
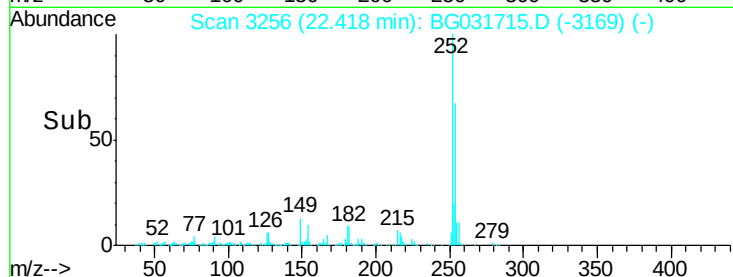
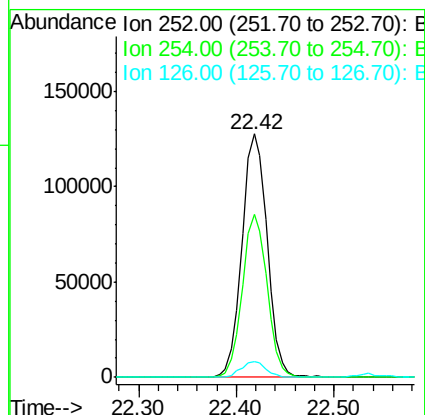
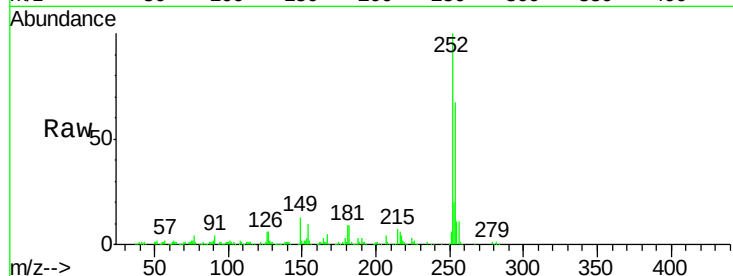




#81  
 3,3'-Dichlorobenzidine  
 Concen: 21.883 ng  
 RT: 22.42 min Scan# 3256  
 Delta R.T. -0.02 min  
 Lab File: BG031715.D  
 Acq: 22 Dec 2017 17:32

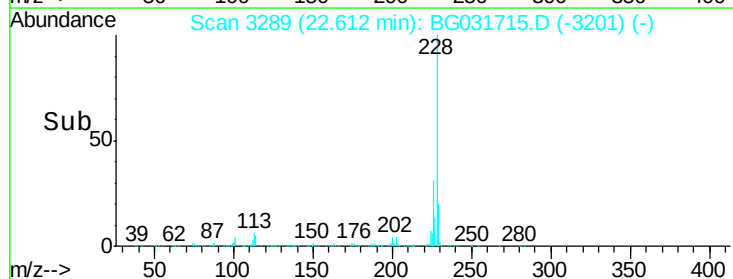
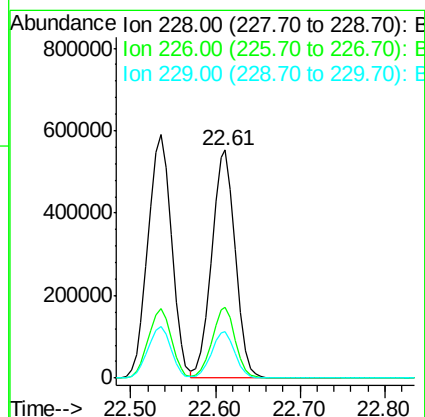
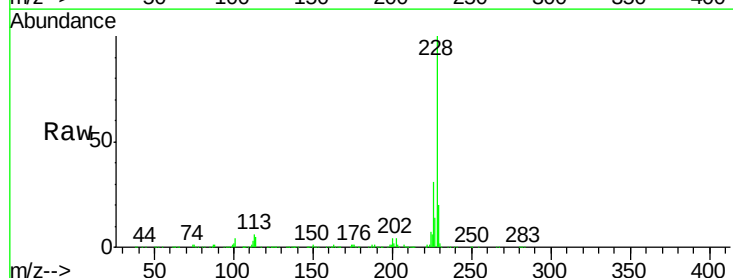
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB105237BS

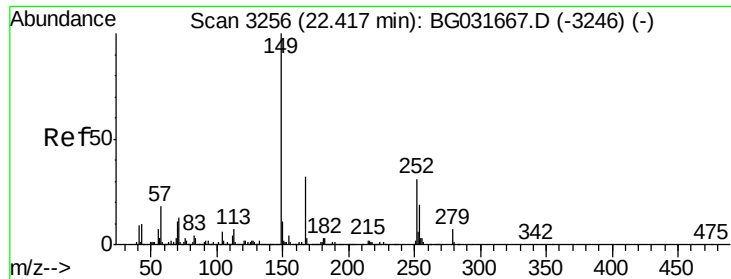
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 67.1  | 50.8  | 76.2  |
| 126     | 6.2   | 7.4   | 11.2# |



#82  
 Chrysene  
 Concen: 42.030 ng  
 RT: 22.61 min Scan# 3289  
 Delta R.T. -0.01 min  
 Lab File: BG031715.D  
 Acq: 22 Dec 2017 17:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.9  | 24.9  | 37.3  |
| 229     | 20.2  | 15.0  | 22.4  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.856 ng

RT: 22.39 min Scan# 3251

Delta R.T. -0.03 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

Instrument :

BNA\_G

ClientSampleId :

PB105237BS

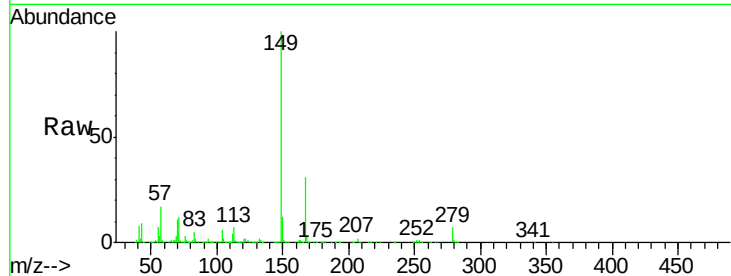
Tot Ion:149 Resp: 555481

Ion Ratio Lower Upper

149 100

167 31.2 24.3 36.5

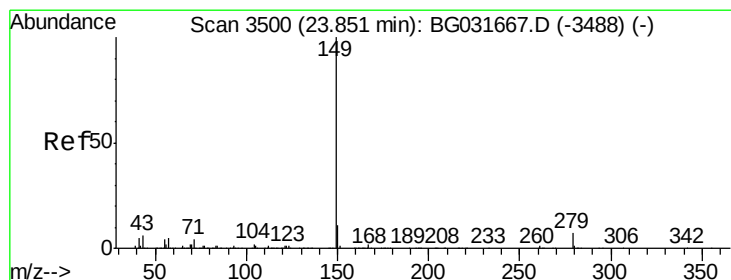
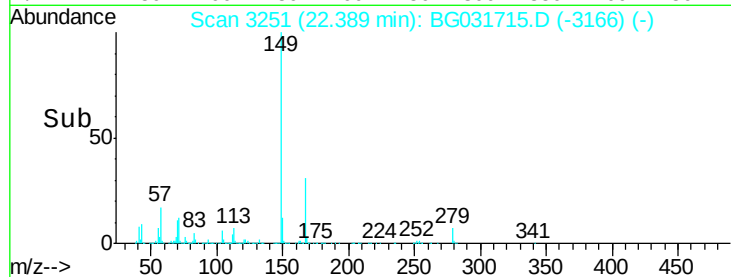
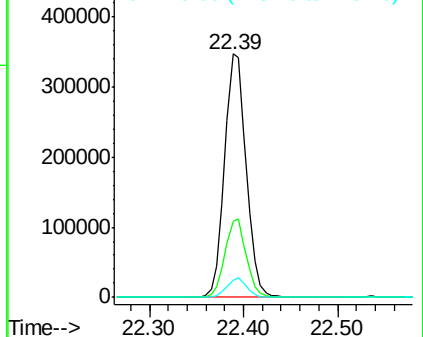
279 7.2 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.399 ng

RT: 23.81 min Scan# 3493

Delta R.T. -0.04 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

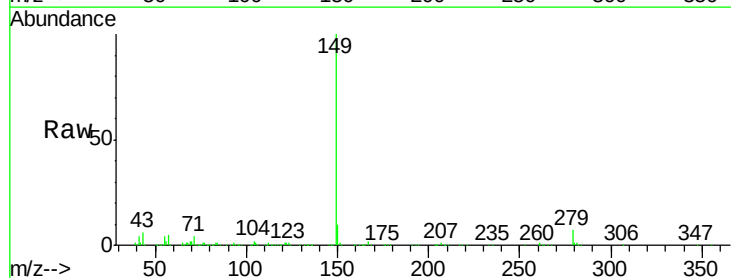
Tgt Ion:149 Resp: 970009

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

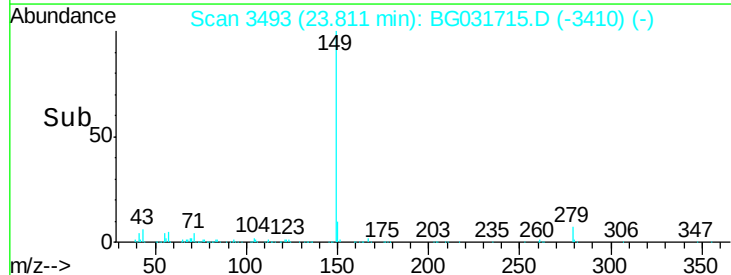
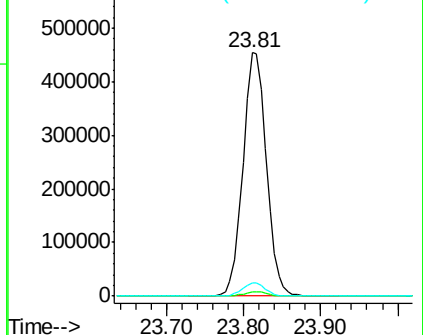
43 5.5 8.9 13.3#

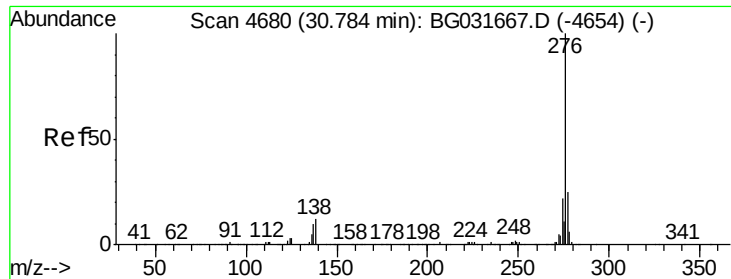


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

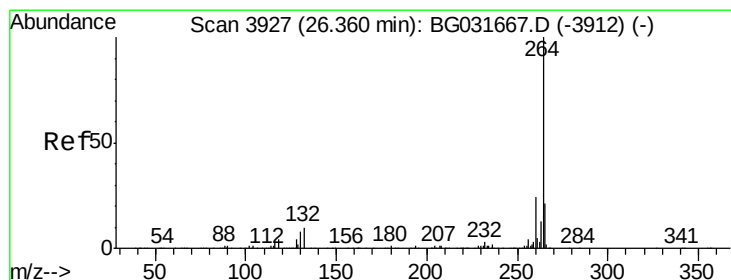
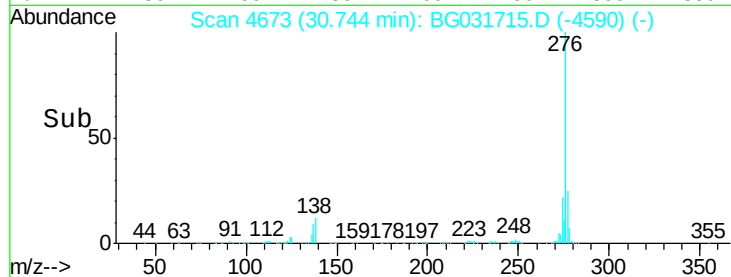
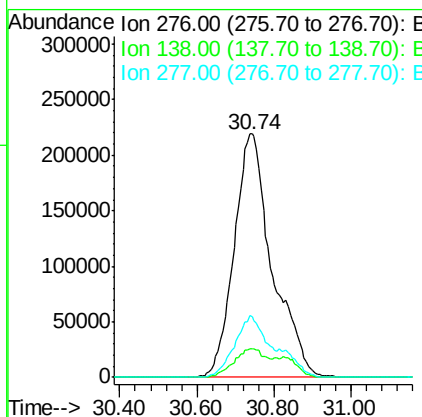
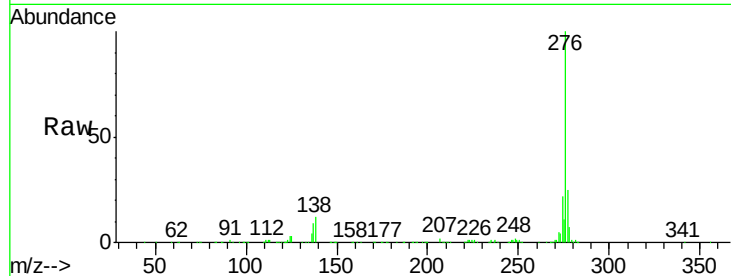




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 45.586 ng  
 RT: 30.74 min Scan# 4673  
 Delta R.T. -0.04 min  
 Lab File: BG031715.D  
 Acq: 22 Dec 2017 17:32

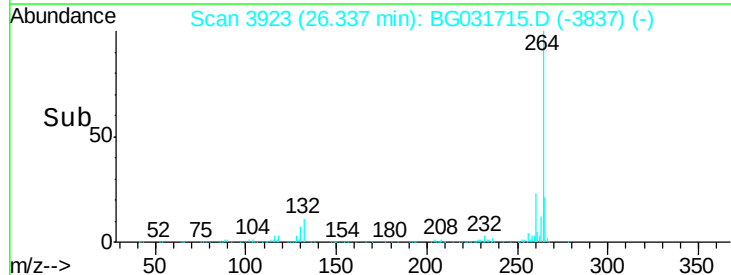
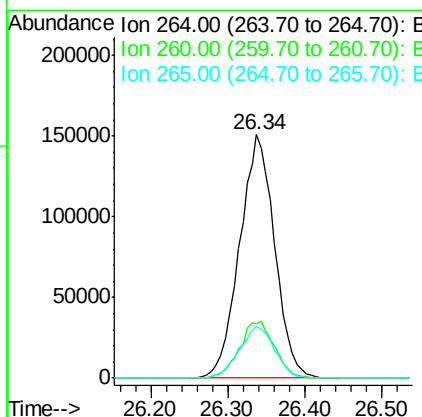
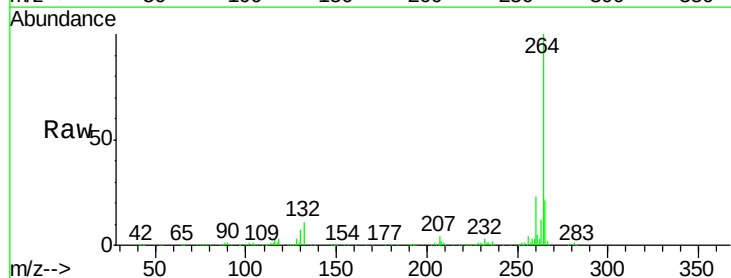
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB105237BS

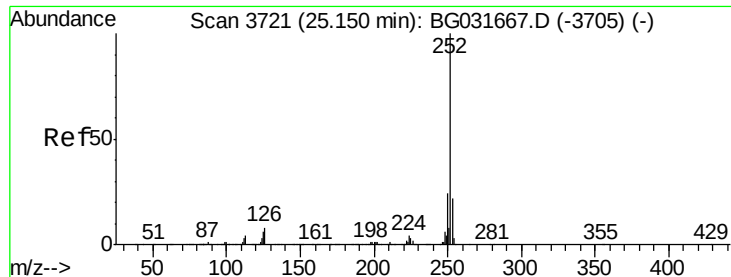
Tot Ion:276 Resp: 1503638  
 Ion Ratio Lower Upper  
 276 100  
 138 10.1 16.0 24.0#  
 277 21.0 20.0 30.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 26.34 min Scan# 3923  
 Delta R.T. -0.02 min  
 Lab File: BG031715.D  
 Acq: 22 Dec 2017 17:32

Tgt Ion:264 Resp: 478212  
 Ion Ratio Lower Upper  
 264 100  
 260 22.5 17.4 26.0  
 265 21.2 17.7 26.5

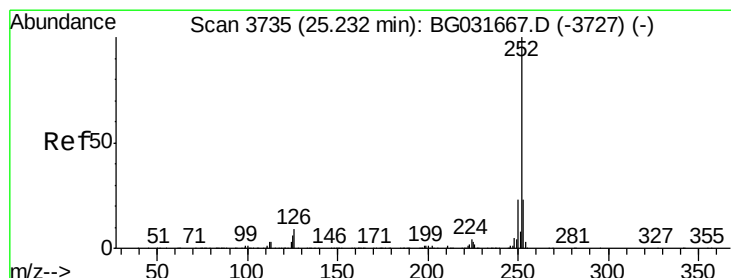
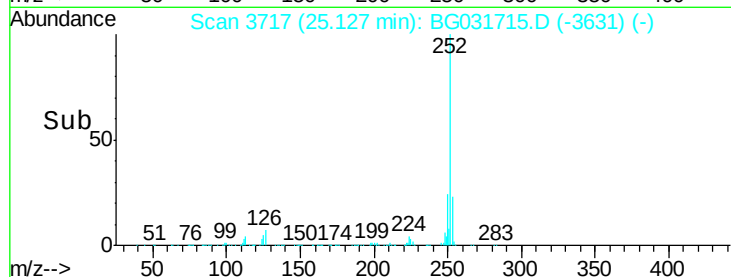
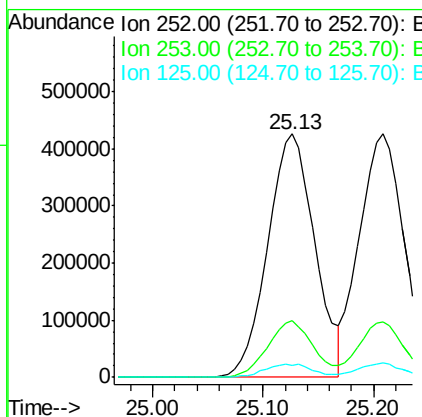
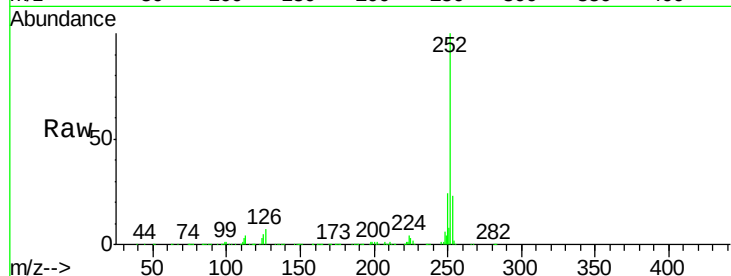




#87  
Benzo(b)fluoranthene  
Concen: 42.380 ng  
RT: 25.13 min Scan# 3717  
Delta R.T. -0.02 min  
Lab File: BG031715.D  
Acq: 22 Dec 2017 17:32

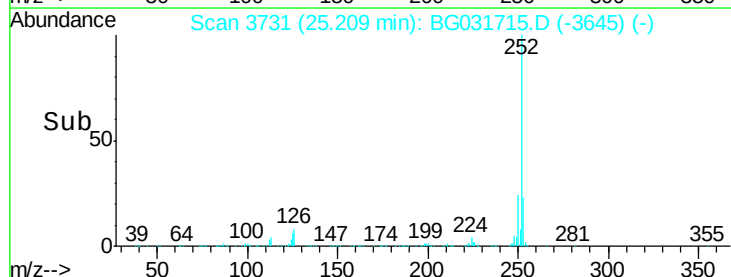
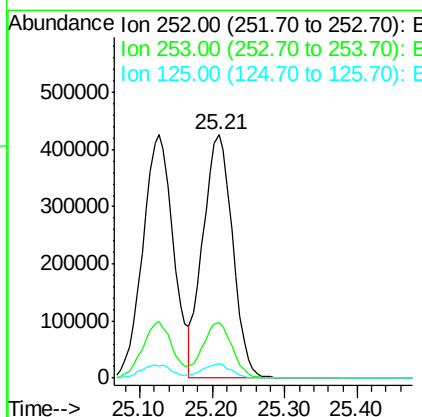
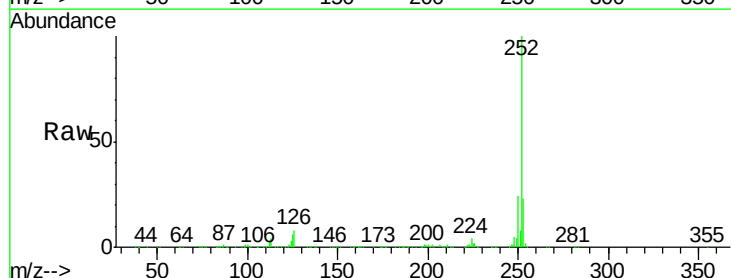
Instrument :  
BNA\_G  
ClientSampleId :  
PB105237BS

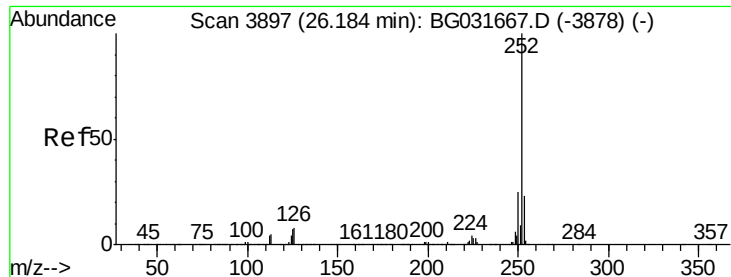
Tot Ion:252 Resp: 1258023  
Ion Ratio Lower Upper  
252 100  
253 23.3 18.2 27.4  
125 5.0 7.2 10.8#



#88  
Benzo(k)fluoranthene  
Concen: 40.502 ng  
RT: 25.21 min Scan# 3731  
Delta R.T. -0.02 min  
Lab File: BG031715.D  
Acq: 22 Dec 2017 17:32

Tgt Ion:252 Resp: 1203223  
Ion Ratio Lower Upper  
252 100  
253 22.8 17.4 26.2  
125 5.7 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 42.788 ng

RT: 26.16 min Scan# 3893

Delta R.T. -0.02 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

Instrument :

BNA\_G

ClientSampleId :

PB105237BS

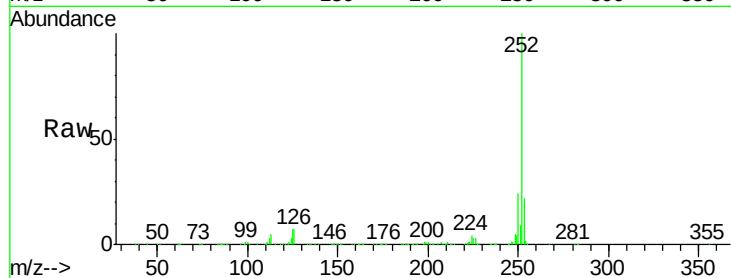
Tot Ion:252 Resp: 1216450

Ion Ratio Lower Upper

252 100

253 22.3 18.3 27.5

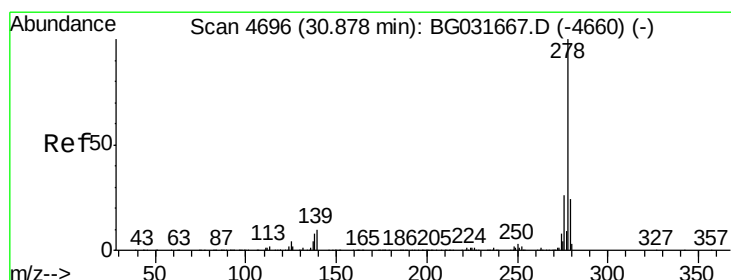
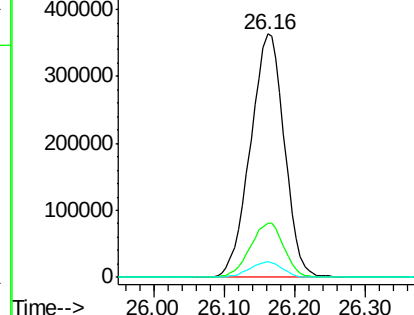
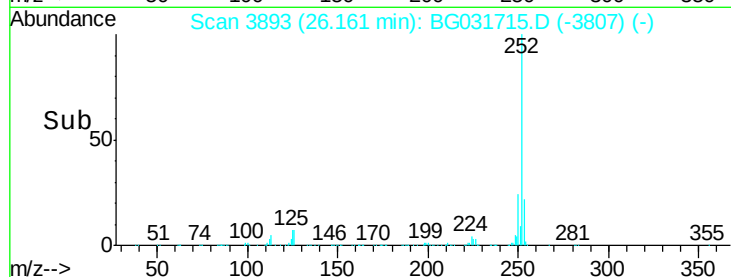
125 6.7 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.337 ng

RT: 30.83 min Scan# 4687

Delta R.T. -0.05 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

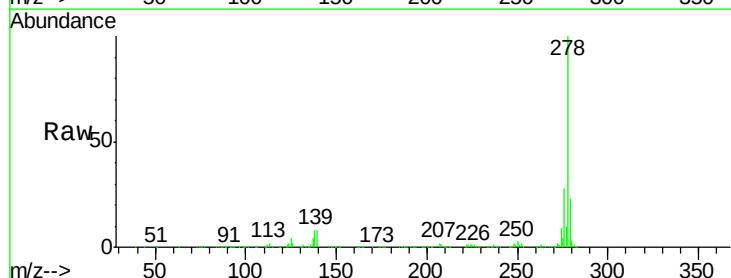
Tgt Ion:278 Resp: 1243081

Ion Ratio Lower Upper

278 100

139 8.1 9.8 14.6#

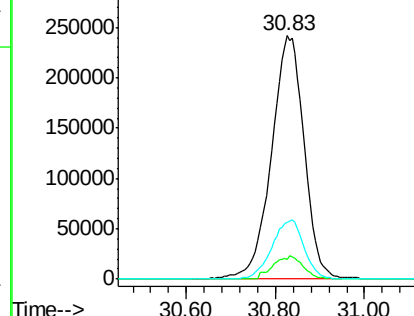
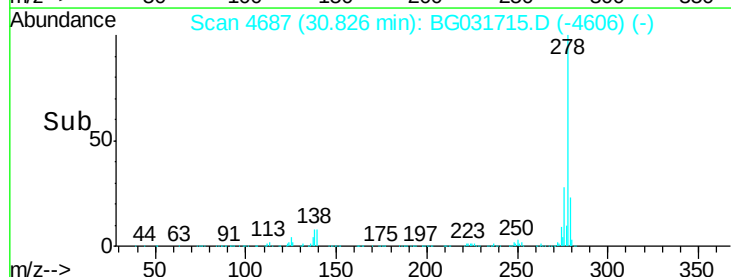
279 23.4 18.4 27.6



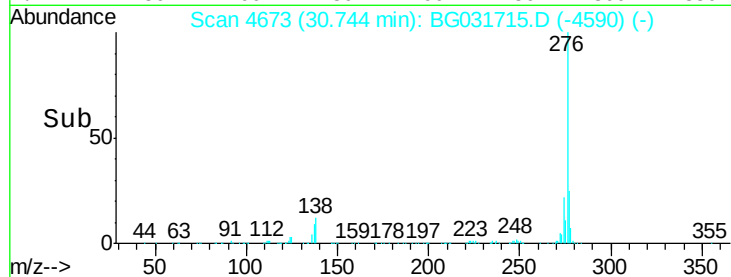
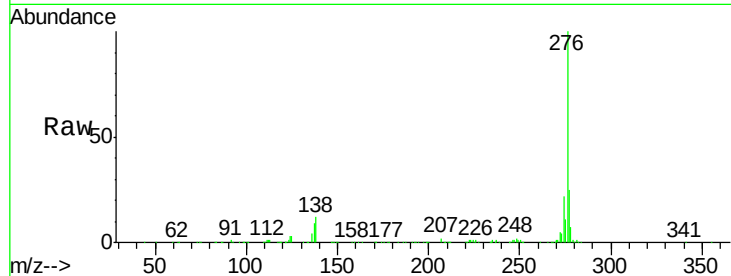
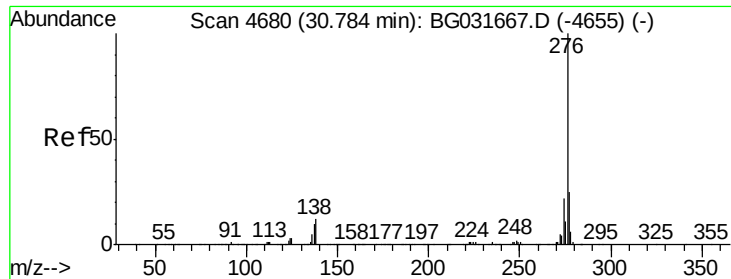
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E







#91

Benzo(a,h,i)perylene

Concen: 43.375 ng

RT: 30.74 min Scan# 4673

Delta R.T. -0.04 min

Lab File: BG031715.D

Acq: 22 Dec 2017 17:32

Instrument :

BNA\_G

ClientSampleId :

PB105237BS

Tot Ion:276 Resp: 1503638

Ion Ratio Lower Upper

276 100

277 24.8 18.3 27.5

138 11.5 13.9 20.9#

