

Data Path : U:\HPCHEM1\BNA G\DATA\BG011218\  
 Data File : BG032013.D  
 Acq On : 12 Jan 2018 21:53  
 Operator : SJ/JU  
 Sample : J1011-15  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Jan 13 02:57:55 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 12 17:27:17 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.78  | 152  | 50482    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.66 | 136  | 203904   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 15.40 | 164  | 143326   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 18.14 | 188  | 379996   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 22.48 | 240  | 445248   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 26.20 | 264  | 457618   | 20.00 | ng    | -0.02    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 6.20  | 112  | 351726   | 127.43 | ng    | 0.00     |
| 7) Phenol-d6                | 7.88  | 99   | 394892   | 113.60 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.97  | 82   | 282591   | 93.76  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 16.88 | 330  | 348430   | 146.91 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 14.03 | 172  | 1028848  | 89.01  | ng    | 0.00     |
| 78) Terphenyl-d14           | 20.67 | 244  | 2002404  | 99.30  | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.88  | 88   | 194      | 0.183  | ng    | # 60   |
| 3) Pyridine                    | 4.00  | 79   | 61       | 0.022  | ng    | # 12   |
| 4) n-Nitrosodimethylamine      | 4.22  | 42   | 57       | 0.057  | ng    | # 1    |
| 6) Aniline                     | 8.29  | 93   | 648      | 0.148  | ng    | # 1    |
| 8) 2-Chlorophenol              | 8.29  | 128  | 110      | 0.036  | ng    | # 1    |
| 9) Benzaldehyde                | 7.88  | 77   | 637      | 0.316  | ng    | # 26   |
| 10) Phenol                     | 7.88  | 94   | 90       | 0.026  | ng    | # 1    |
| 11) bis(2-Chloroethyl)ether    | 8.29  | 93   | 648      | 0.236  | ng    | # 1    |
| 15) Benzyl Alcohol             | 9.12  | 79   | 4434     | 1.756  | ng    | # 30   |
| 16) 2,2'-oxybis(1-Chloropropan | 9.30  | 45   | 125      | 0.045  | ng    | # 75   |
| 18) Hexachloroethane           | 10.00 | 117  | 347      | 0.277  | ng    | # 1    |
| 19) n-Nitroso-di-n-propylamine | 9.97  | 70   | 37045    | 17.175 | ng    | # 73   |
| 22) Acetophenone               | 9.61  | 105  | 605      | 0.131  | ng    | # 59   |
| 24) Nitrobenzene               | 9.97  | 77   | 1033     | 0.344  | ng    | # 41   |
| 26) 2-Nitrophenol              | 10.95 | 139  | 54       | 0.030  | ng    | # 29   |
| 31) Naphthalene                | 11.71 | 128  | 30950    | 3.064  | ng    | # 91   |
| 33) 4-Chloroaniline            | 11.70 | 127  | 3904     | 0.901  | ng    | # 47   |
| 36) 4-Chloro-3-methylphenol    | 12.62 | 107  | 63       | 0.020  | ng    | # 22   |
| 37) 2-Methylnaphthalene        | 13.27 | 142  | 3407     | 0.425  | ng    | # 92   |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.60 | 216  | 74       | 0.012  | ng    | # 25   |
| 40) Hexachlorocyclopentadiene  | 14.10 | 237  | 54       | 0.015  | ng    | # 22   |
| 45) 1,1'-Biphenyl              | 14.25 | 154  | 3333     | 0.271  | ng    | # 88   |
| 47) 2-Nitroaniline             | 14.03 | 65   | 1019     | 0.557  | ng    | # 1    |
| 48) Acenaphthylene             | 15.15 | 152  | 1125     | 0.077  | ng    | # 59   |
| 50) 2,6-Dinitrotoluene         | 15.40 | 165  | 18948    | 7.278  | ng    | # 18   |
| 51) Acenaphthene               | 15.47 | 154  | 1568     | 0.163  | ng    | # 98   |
| 54) Dibenzofuran               | 15.80 | 168  | 3340     | 0.233  | ng    | # 90   |
| 55) 4-Nitrophenol              | 15.79 | 139  | 1209     | 0.706  | ng    | # 1    |
| 56) 2,4-Dinitrotoluene         | 15.40 | 165  | 18948    | 5.406  | ng    | # 16   |
| 57) Fluorene                   | 16.44 | 166  | 3254     | 0.276  | ng    | # 96   |
| 59) Diethylphthalate           | 16.17 | 149  | 14620    | 1.202  | ng    | # 93   |
| 62) Azobenzene                 | 16.87 | 77   | 1141     | 0.150  | ng    | # 43   |
| 64) 4,6-Dinitro-2-methylphenol | 16.88 | 198  | 755      | 5.163  | ng    | # 1    |
| 65) n-Nitrosodiphenylamine     | 16.88 | 169  | 10210    | 0.885  | ng    | # 45   |

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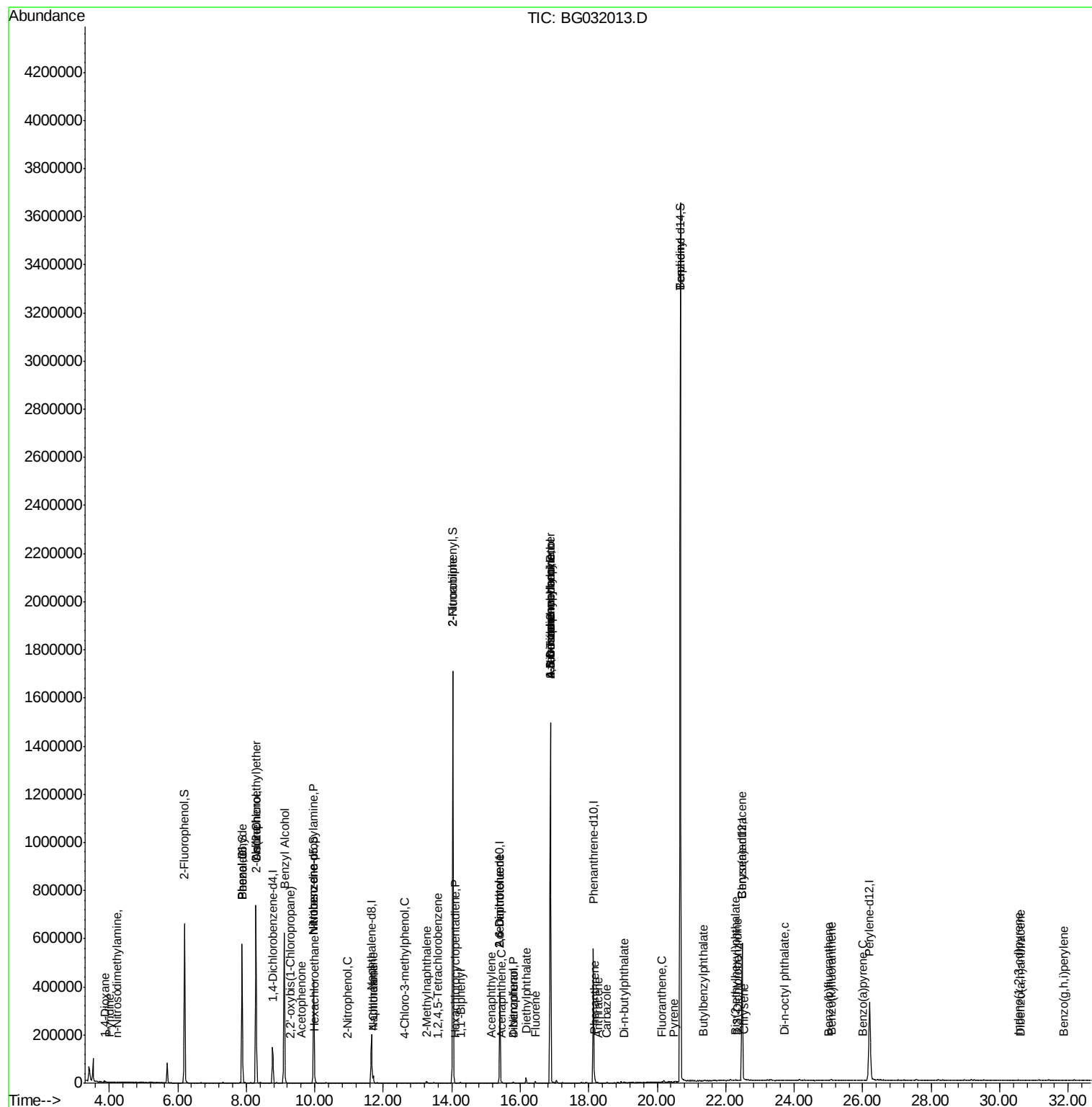
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |    |
|--------------------------------|-------|------|----------|-------|-------|----------|----|
| 66) 4-Bromophenyl-phenylether  | 16.88 | 248  | 28846    | 5.335 | nq    | #        | 1  |
| 70) Phenanthrene               | 18.18 | 178  | 9629     | 0.455 | nq    | #        | 94 |
| 71) Anthracene                 | 18.27 | 178  | 1271     | 0.060 | nq    | #        | 64 |
| 72) Carbazole                  | 18.52 | 167  | 1396     | 0.076 | nq    | #        | 83 |
| 73) Di-n-butylphthalate        | 19.03 | 149  | 2058     | 0.095 | nq    | #        | 78 |
| 74) Fluoranthene               | 20.13 | 202  | 1568     | 0.059 | nq    |          | 65 |
| 76) Benzidine                  | 20.67 | 184  | 27125    | 2.436 | nq    |          | 97 |
| 77) Pyrene                     | 20.49 | 202  | 792      | 0.028 | nq    | #        | 62 |
| 79) Butylbenzylphthalate       | 21.36 | 149  | 269      | 0.027 | nq    | #        | 20 |
| 80) Benzo(a)anthracene         | 22.47 | 228  | 1528     | 0.055 | nq    | #        | 69 |
| 81) 3,3'-Dichlorobenzidine     | 22.34 | 252  | 138      | 0.013 | nq    | #        | 26 |
| 82) Chrysene                   | 22.53 | 228  | 72       | 0.003 | nq    | #        | 49 |
| 83) Bis(2-ethylhexyl)phthalate | 22.29 | 149  | 1004     | 0.068 | nq    | #        | 70 |
| 84) Di-n-octyl phthalate       | 23.70 | 149  | 245      | 0.010 | nq    | #        | 1  |
| 85) Indeno(1,2,3-cd)pyrene     | 30.54 | 276  | 141      | 0.004 | nq    | #        | 53 |
| 87) Benzo(b)fluoranthene       | 25.00 | 252  | 326      | 0.012 | nq    | #        | 59 |
| 88) Benzo(k)fluoranthene       | 25.09 | 252  | 506      | 0.019 | nq    | #        | 60 |
| 89) Benzo(a)pyrene             | 26.01 | 252  | 181      | 0.007 | nq    | #        | 59 |
| 90) Dibenzo(a,h)anthracene     | 30.60 | 278  | 148      | 0.006 | nq    | #        | 58 |
| 91) Benzo(g,h,i)perylene       | 31.86 | 276  | 158      | 0.006 | nq    | #        | 56 |

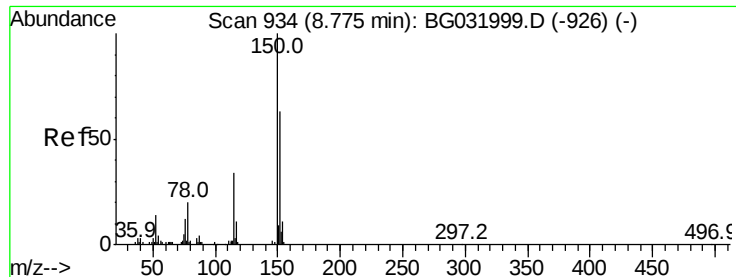
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.78 min Scan# 934

Delta R.T. 0.00 min

Lab File: BG032013.D

Acq: 12 Jan 2018 21:53

Instrument :

BNA\_G

ClientSampleId :

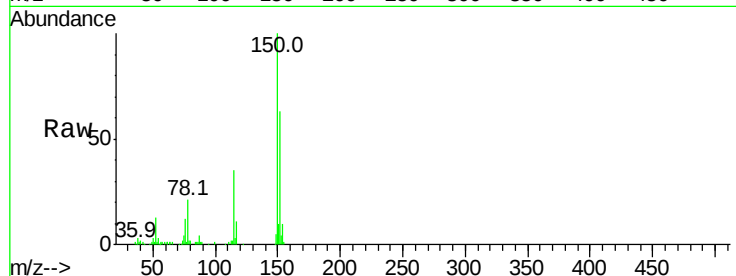
Tot Ion:152 Resp: 50482

Ion Ratio Lower Upper

152 100

150 159.0 126.6 189.8

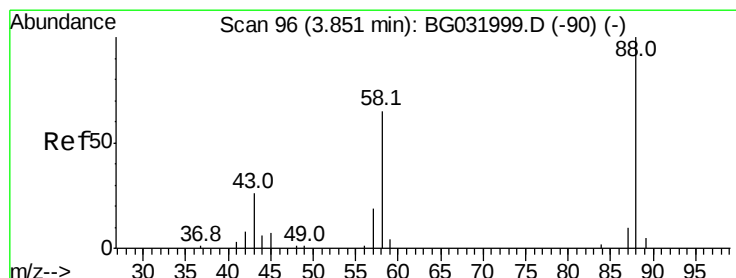
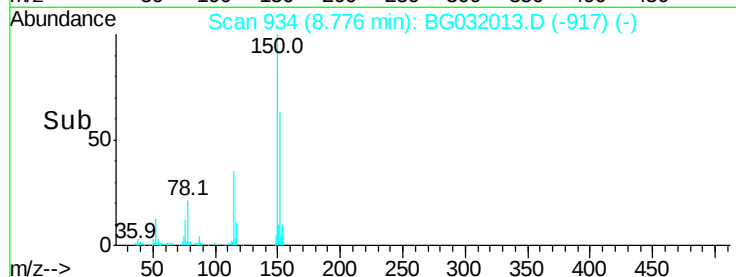
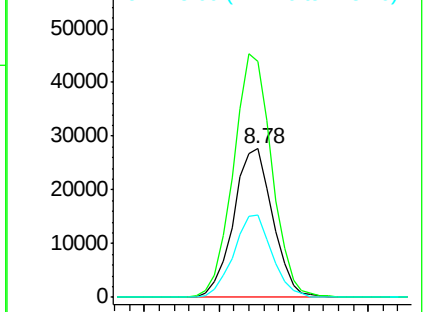
115 55.3 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.183 ng

RT: 3.88 min Scan# 101

Delta R.T. 0.03 min

Lab File: BG032013.D

Acq: 12 Jan 2018 21:53

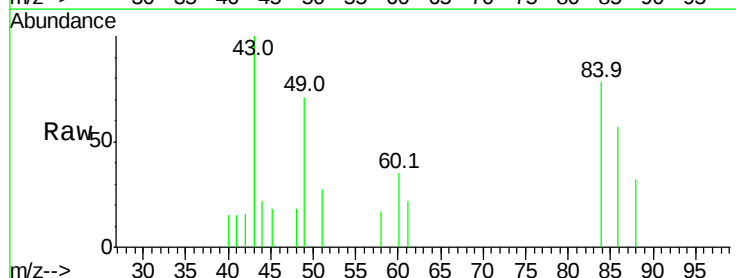
Tgt Ion: 88 Resp: 194

Ion Ratio Lower Upper

88 100

58 133.0 79.6 119.4#

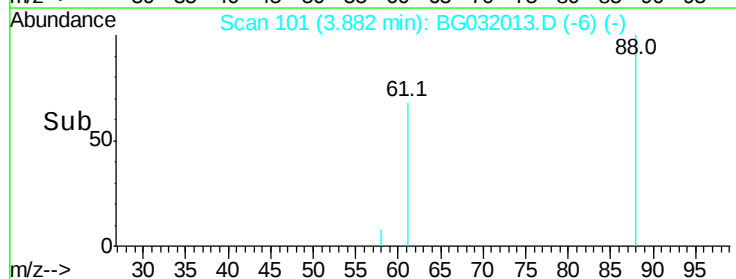
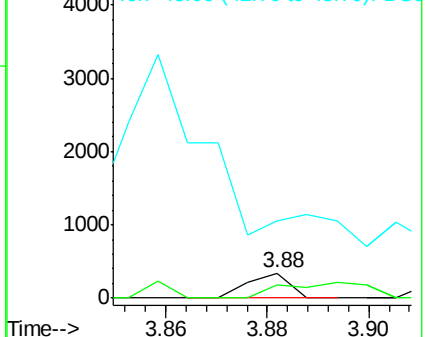
43 0.0 27.4 41.0#

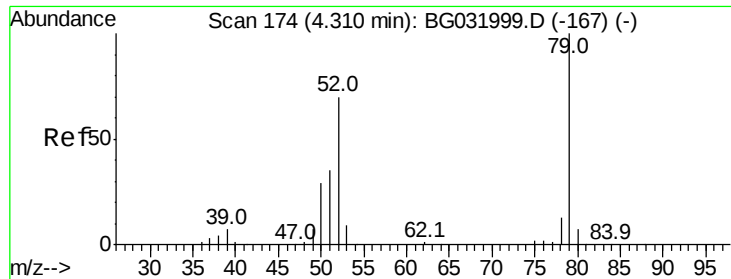


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 0.022 ng

RT: 4.00 min Scan# 121

Delta R.T. -0.31 min

Lab File: BG032013.D

Acq: 12 Jan 2018 21:53

Instrument :

BNA\_G

ClientSampleId :

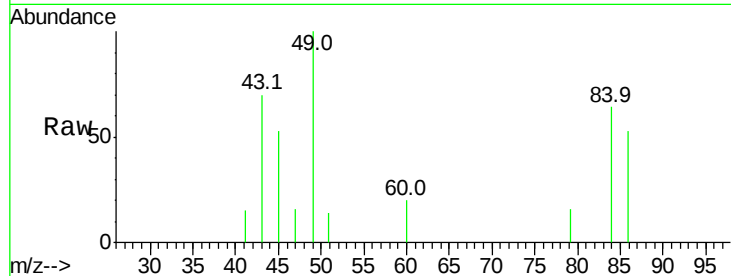
Tot Ion: 79 Resp: 61

Ion Ratio Lower Upper

79 100

52 0.0 69.9 104.9#

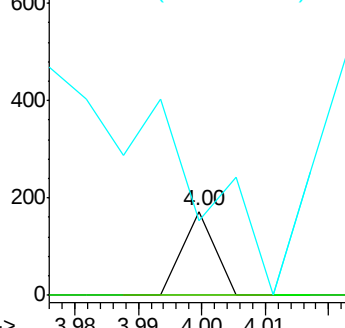
51 89.5 34.0 51.0#



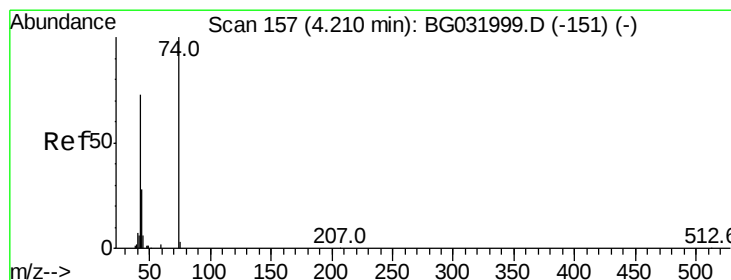
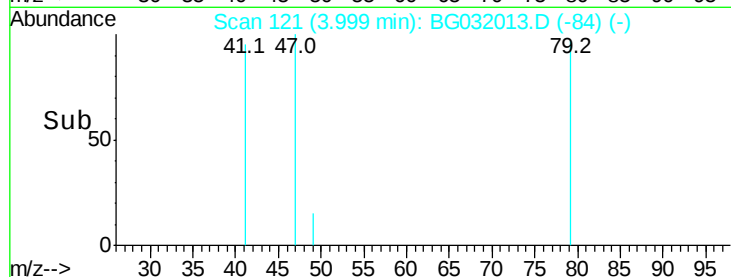
Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time-->



#4

n-Nitrosodimethylamine

Concen: 0.057 ng

RT: 4.22 min Scan# 158

Delta R.T. 0.01 min

Lab File: BG032013.D

Acq: 12 Jan 2018 21:53

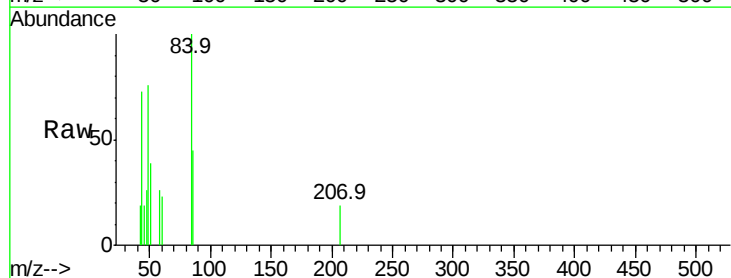
Tgt Ion: 42 Resp: 57

Ion Ratio Lower Upper

42 100

74 0.0 102.5 153.7#

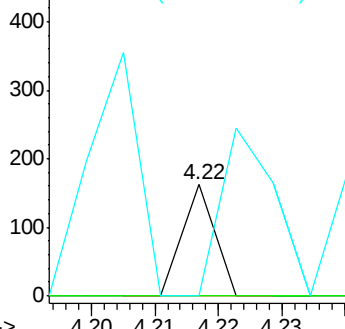
44 0.0 18.9 28.3#



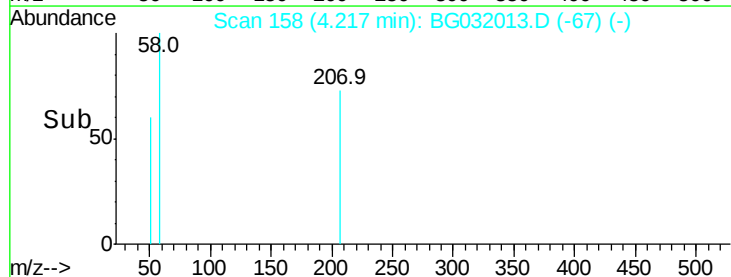
Abundance Ion 42.00 (41.70 to 42.70): BGC

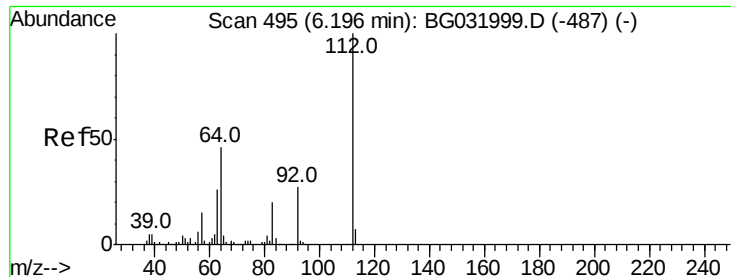
Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC



Time-->





#5

2-Fluorophenol

Concen: 127.428 ng

RT: 6.20 min Scan# 495

Delta R.T. 0.00 min

Lab File: BG032013.D

Acq: 12 Jan 2018 21:53

Instrument :

BNA\_G

ClientSampleId :

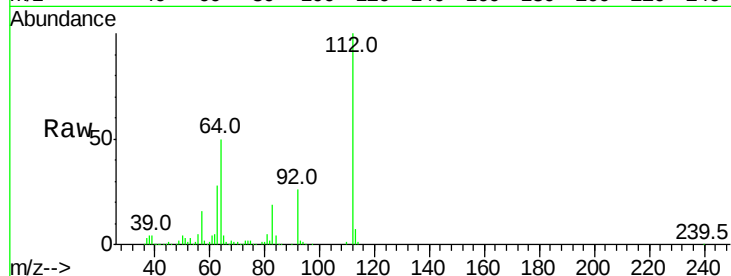
Tot Ion:112 Resp: 351726

Ion Ratio Lower Upper

112 100

64 50.0 56.3 84.5#

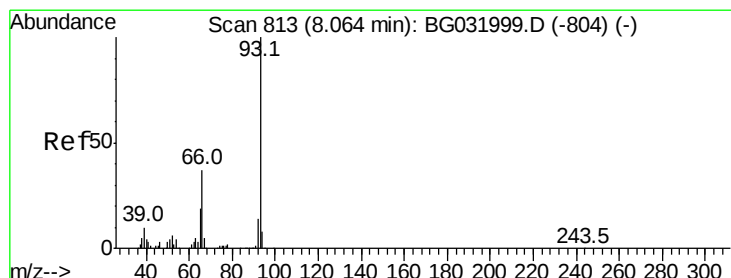
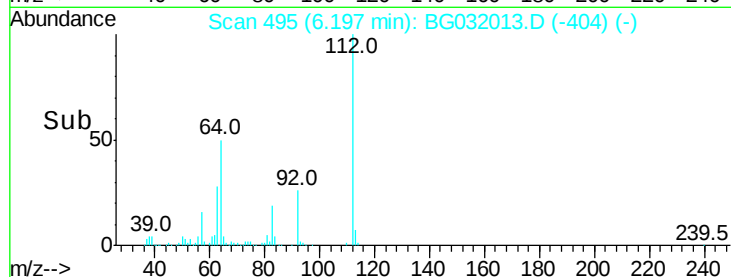
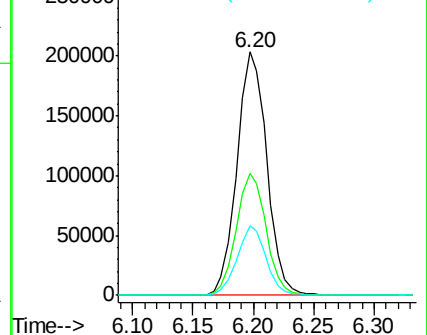
63 28.5 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.148 ng

RT: 8.29 min Scan# 851

Delta R.T. 0.22 min

Lab File: BG032013.D

Acq: 12 Jan 2018 21:53

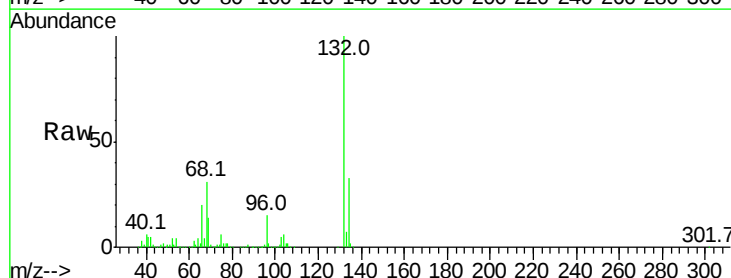
Tgt Ion: 93 Resp: 648

Ion Ratio Lower Upper

93 100

66 9003.6 33.7 50.5#

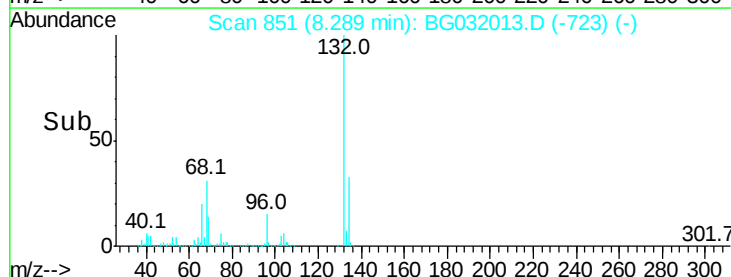
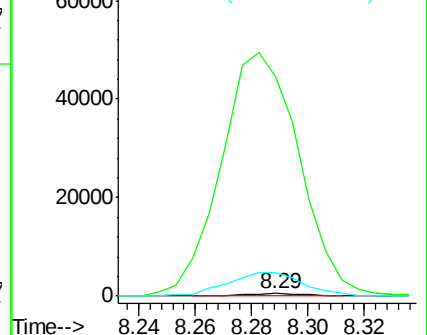
65 980.6 16.1 24.1#

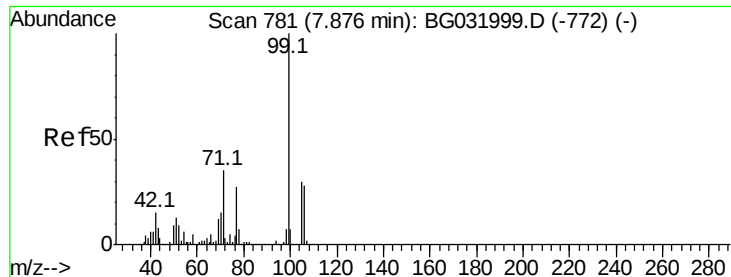


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 113.596 ng

RT: 7.88 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG032013.D

Acq: 12 Jan 2018 21:53

Instrument :

BNA\_G

ClientSampled :

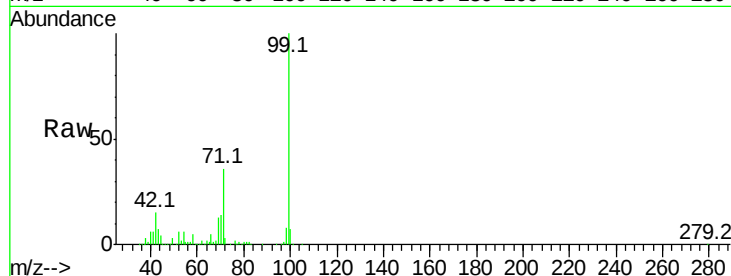
Tot Ion: 99 Resp: 394892

Ion Ratio Lower Upper

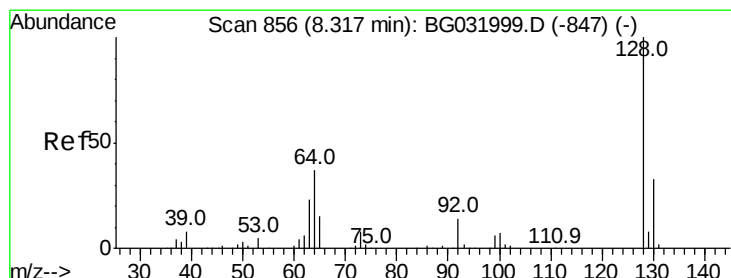
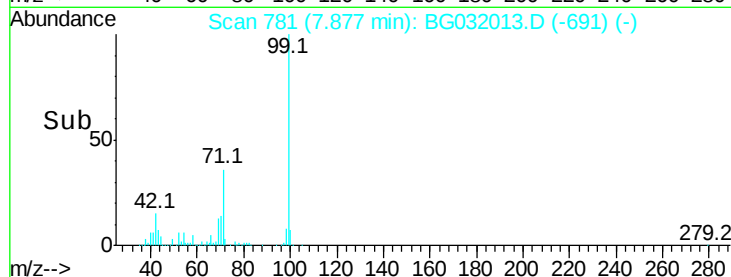
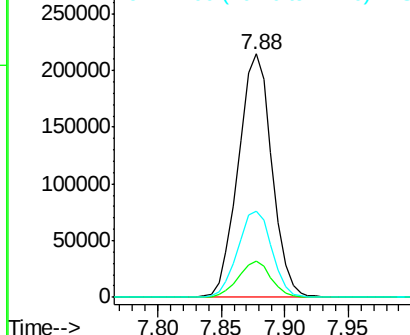
99 100

42 14.9 14.1 21.1

71 35.7 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: 0.036 ng

RT: 8.29 min Scan# 852

Delta R.T. -0.02 min

Lab File: BG032013.D

Acq: 12 Jan 2018 21:53

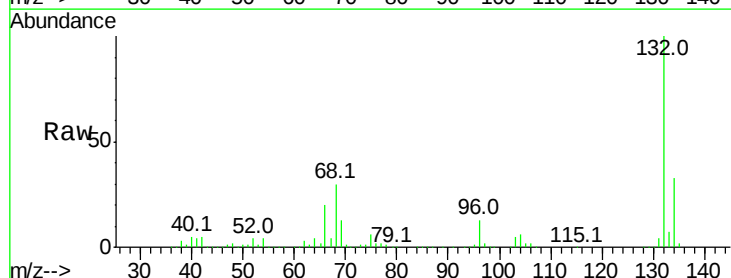
Tgt Ion:128 Resp: 110

Ion Ratio Lower Upper

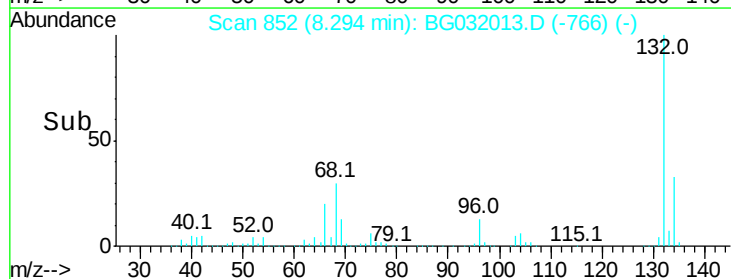
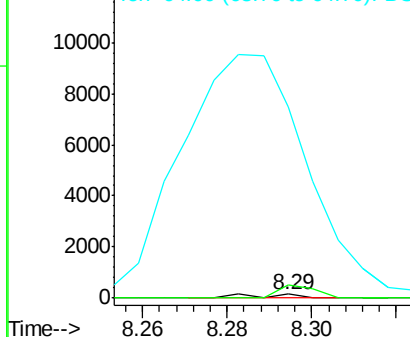
128 100

130 328.0 14.0 54.0#

64 4754.1 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

Benzaldehyd

Concen: 0.316 ng

RT: 7.88 min Scan# 782

Delta R.T. 0.01 min

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Instrument :

BNA\_G

ClientSampleId :

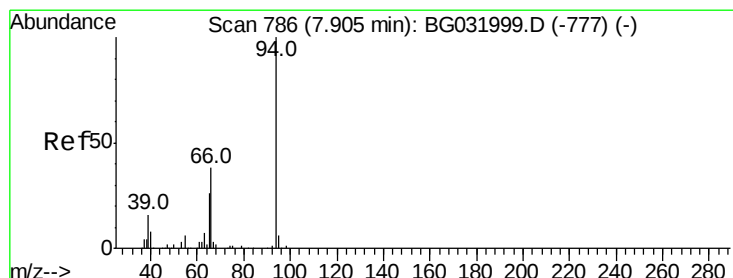
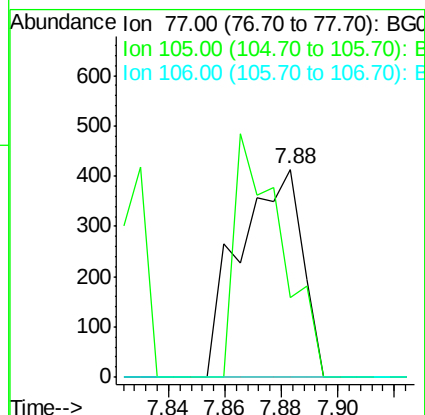
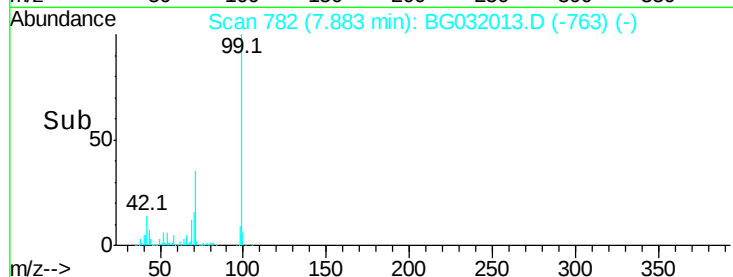
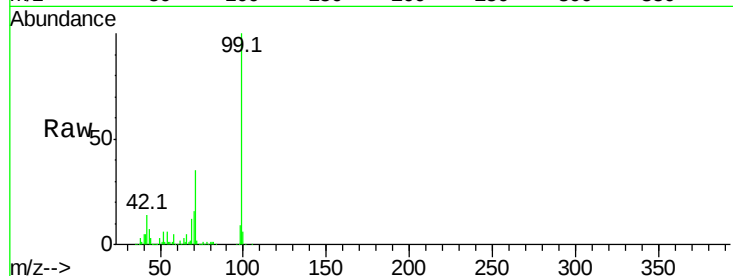
Tot Ion: 77 Resp: 637

Ion Ratio Lower Upper

77 100

105 38.2 71.3 111.3#

106 0.0 64.2 104.2#



#10

Phenol

Concen: 0.026 ng

RT: 7.88 min Scan# 781

Delta R.T. -0.03 min

Lab File: BG032013.D

Acq: 12 Jan 2018 21:53

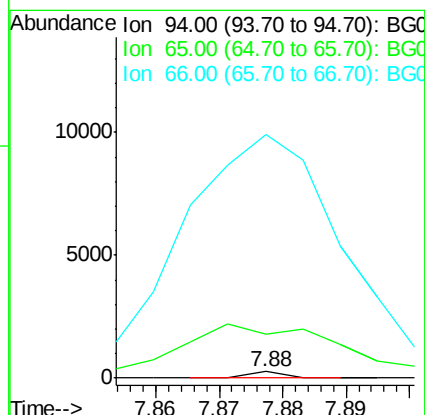
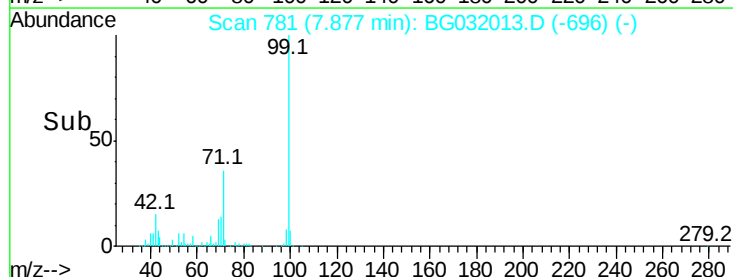
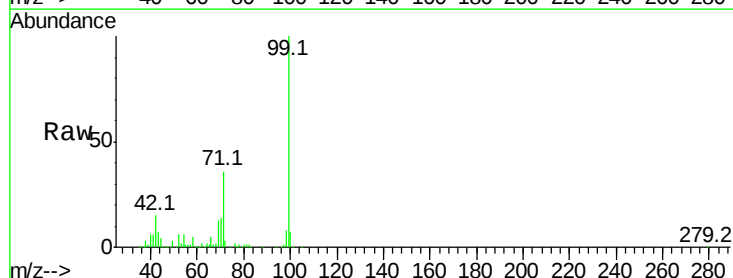
Tgt Ion: 94 Resp: 90

Ion Ratio Lower Upper

94 100

65 711.4 11.9 51.9#

66 3888.2 22.2 62.2#

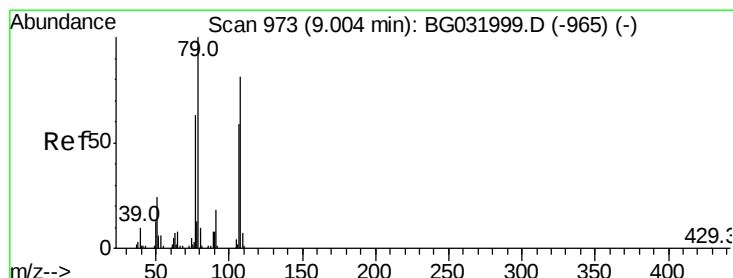
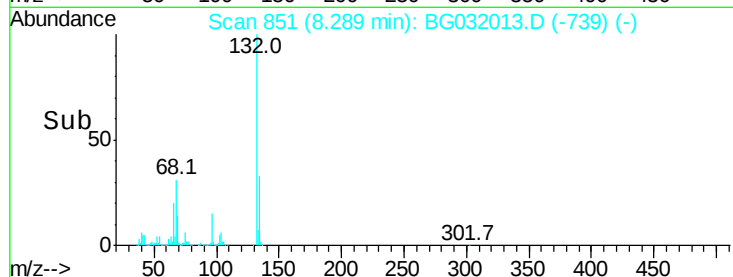
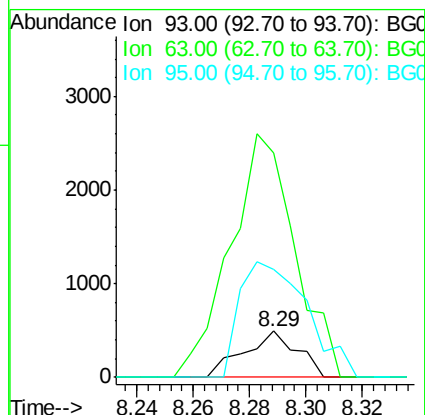
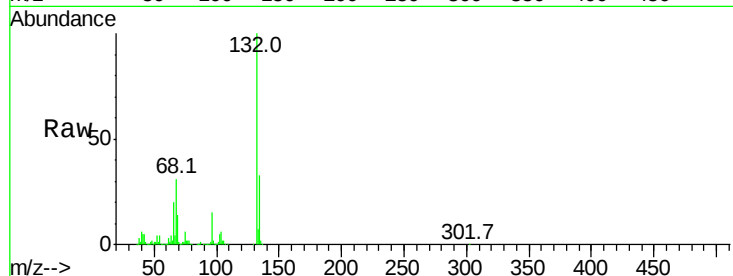




#11  
bis(2-Chloroethyl)ether  
Concen: 0.236 ng  
RT: 8.29 min Scan# 851  
Delta R.T. 0.13 min  
Lab File: BG032013.D  
Acq: 12 Jan 2018 21:53

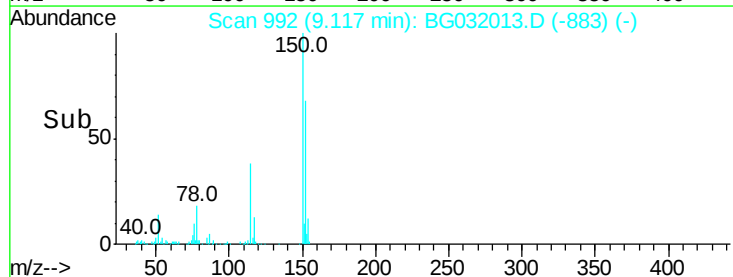
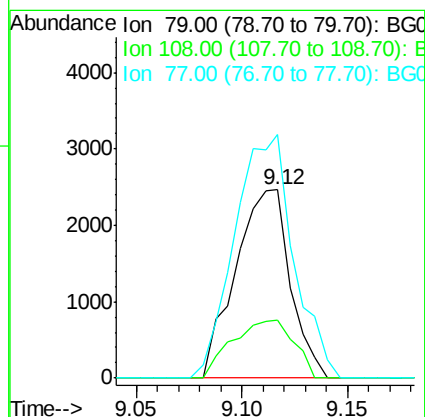
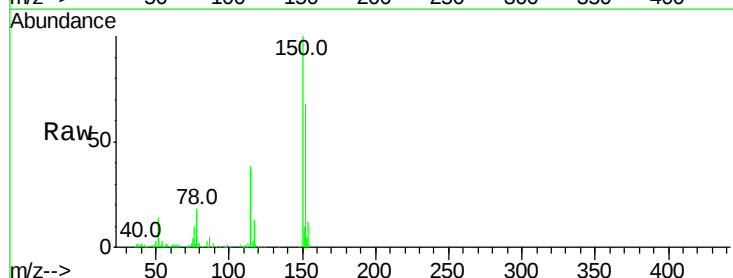
Instrument :  
BNA\_G  
ClientSampleId :

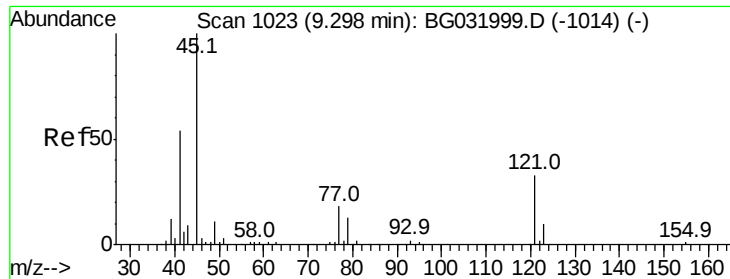
Tot Ion: 93 Resp: 648  
Ion Ratio Lower Upper  
93 100  
63 485.1 67.1 107.1#  
95 232.1 11.5 51.5#



#15  
Benzyl Alcohol  
Concen: 1.756 ng  
RT: 9.12 min Scan# 992  
Delta R.T. 0.11 min  
Lab File: BG032013.D  
Acq: 12 Jan 2018 21:53

Tgt Ion: 79 Resp: 4434  
Ion Ratio Lower Upper  
79 100  
108 30.9 57.2 85.8#  
77 129.2 46.1 69.1#

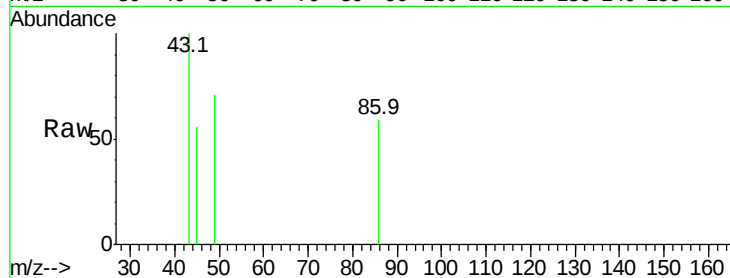




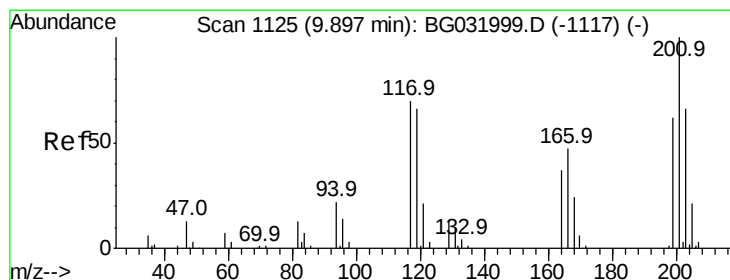
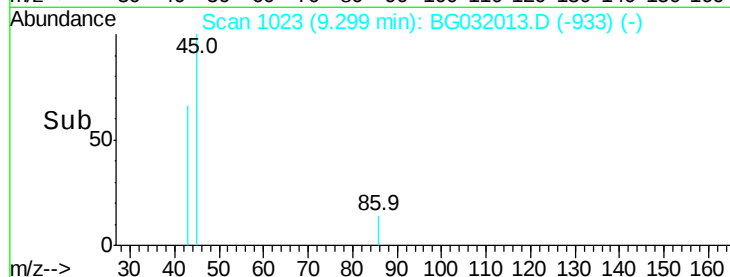
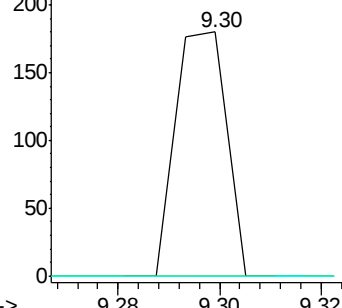
#16  
2,2'-oxvbis(1-Chloropropane)  
Concen: 0.045 ng  
RT: 9.30 min Scan# 1023  
Delta R.T. 0.00 min  
Lab File: BG032013.D  
Acq: 12 Jan 2018 21:53

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion: 45 Resp: 125  
Ion Ratio Lower Upper  
45 100  
77 0.0 0.0 30.2  
79 0.0 0.0 27.9

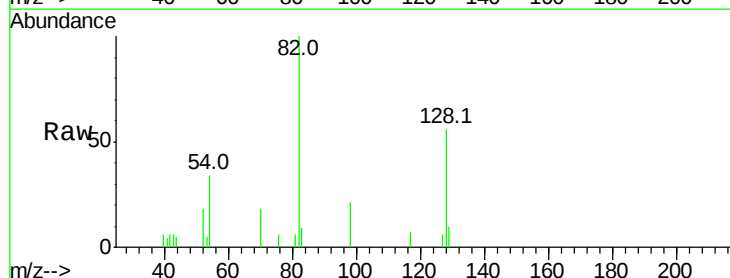


Abundance Ion 45.00 (44.70 to 45.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC

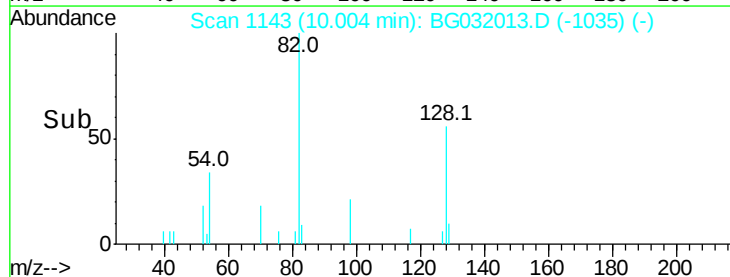
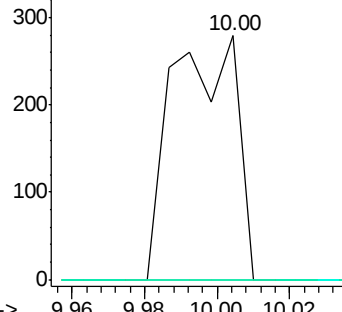


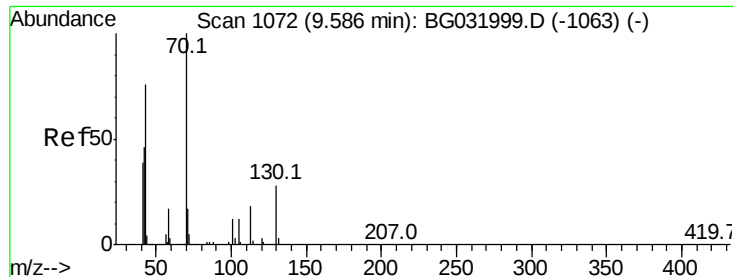
#18  
Hexachloroethane  
Concen: 0.277 ng  
RT: 10.00 min Scan# 1143  
Delta R.T. 0.11 min  
Lab File: BG032013.D  
Acq: 12 Jan 2018 21:53

Tgt Ion: 117 Resp: 347  
Ion Ratio Lower Upper  
117 100  
119 0.0 76.7 115.1#  
201 0.0 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

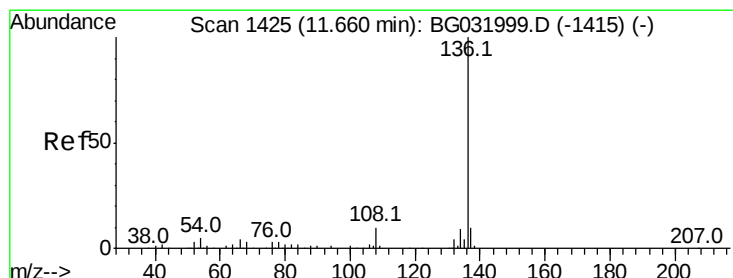
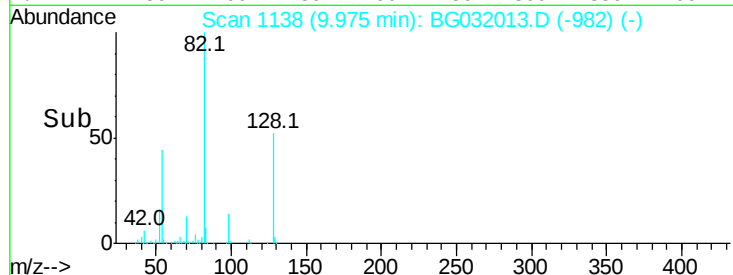
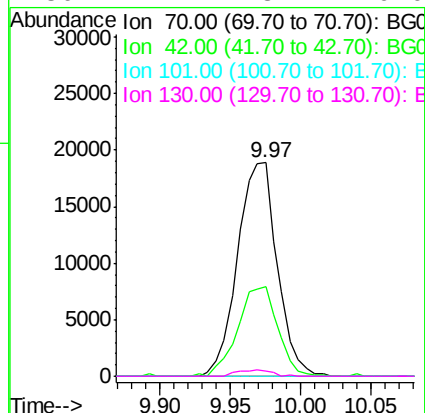
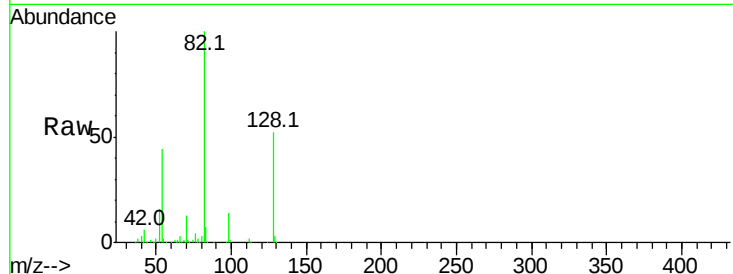




#19  
n-Nitroso-di-n-propylamine  
Concen: 17.175 ng  
RT: 9.97 min Scan# 1138  
Delta R.T. 0.39 min  
Lab File: BG032013.D  
Acq: 12 Jan 2018 21:53

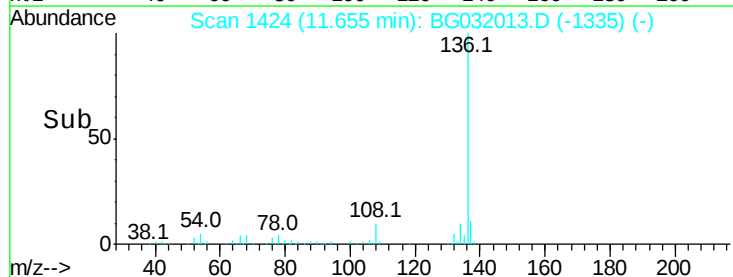
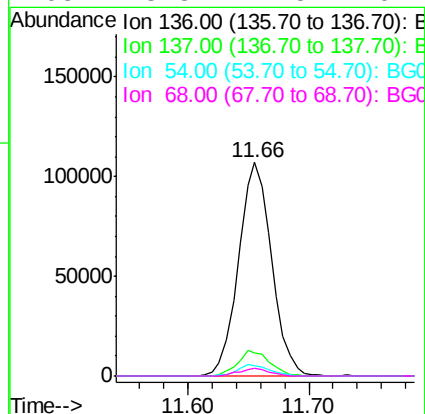
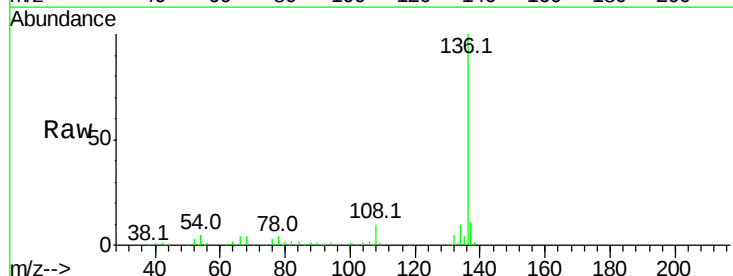
Instrument :  
BNA\_G  
ClientSampleId :

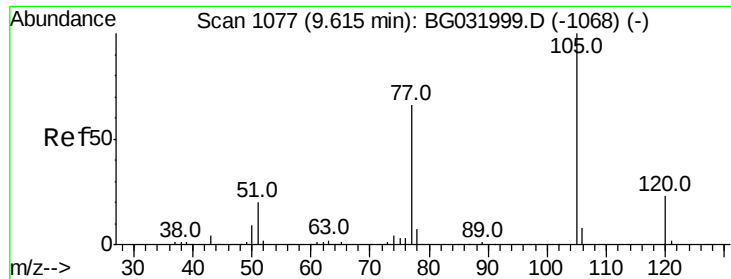
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 42.1  | 49.1  | 73.7# |
| 101     | 0.0   | 8.5   | 12.7# |
| 130     | 2.2   | 13.4  | 20.0# |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.66 min Scan# 1424  
Delta R.T. -0.00 min  
Lab File: BG032013.D  
Acq: 12 Jan 2018 21:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 10.6  | 9.2   | 13.8  |
| 54      | 4.9   | 10.3  | 15.5# |
| 68      | 3.8   | 4.5   | 6.7#  |





#22

Acetophenone

Concen: 0.131 ng

RT: 9.61 min Scan# 1076

Delta R.T. -0.00 min

Lab File: BG032013.D

Acq: 12 Jan 2018 21:53

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:105 Resp: 605

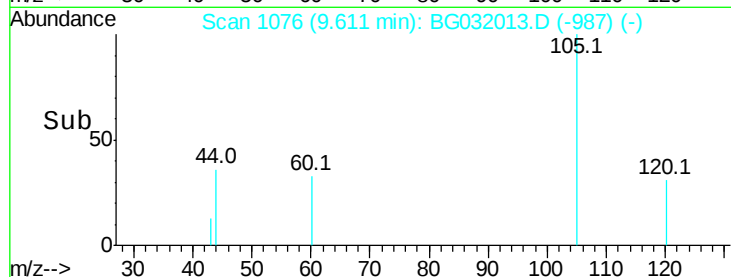
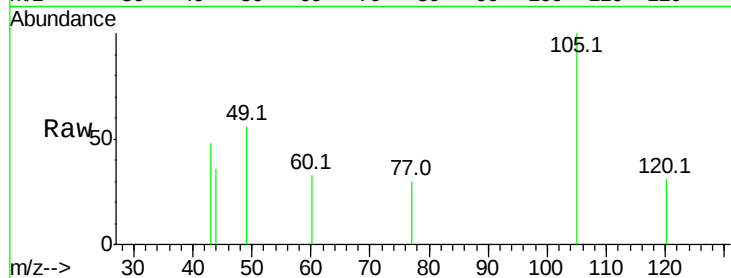
Ion Ratio Lower Upper

105 100

71 0.0 3.0 4.4#

51 0.0 26.1 39.1#

120 31.0 17.4 26.2#



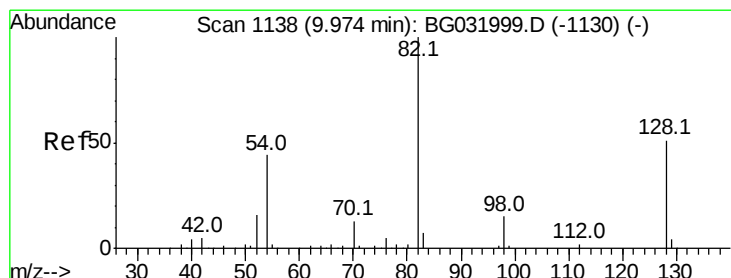
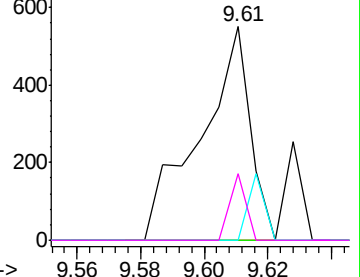
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

Time-->



#23

Nitrobenzene-d5

Concen: 93.762 ng

RT: 9.97 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BG032013.D

Acq: 12 Jan 2018 21:53

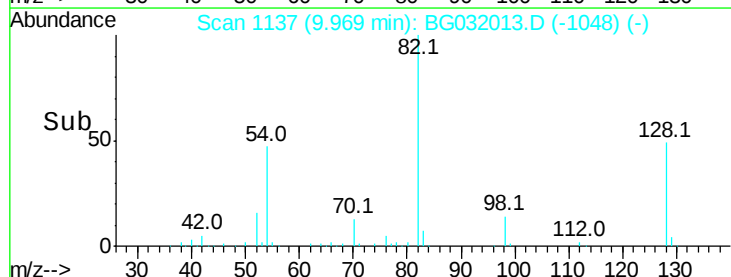
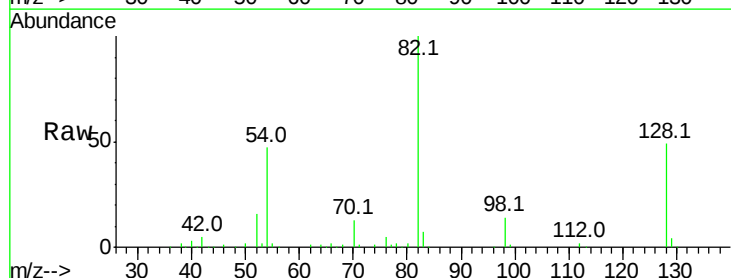
Tgt Ion: 82 Resp: 282591

Ion Ratio Lower Upper

82 100

128 48.8 29.7 44.5#

54 47.2 43.1 64.7

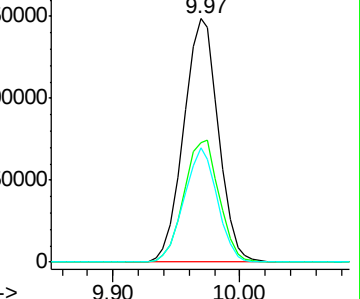


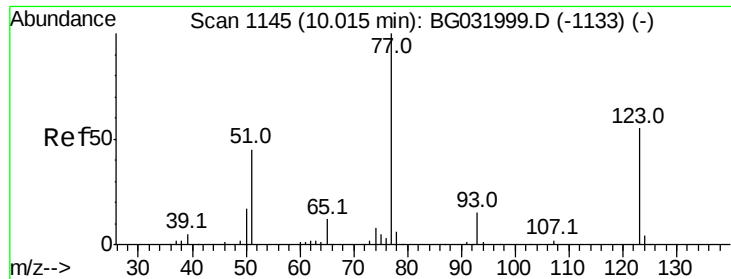
Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

Time-->

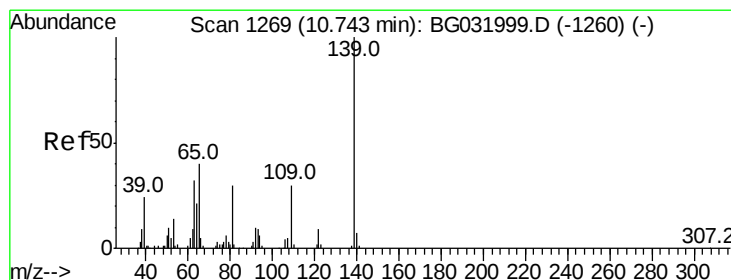
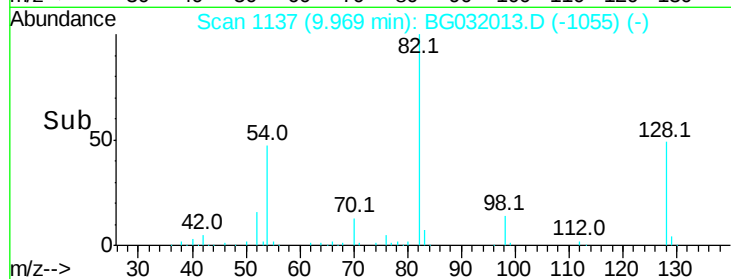
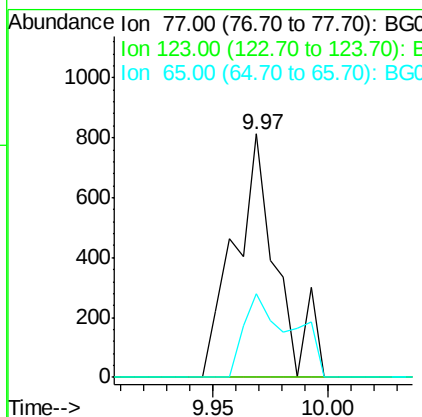
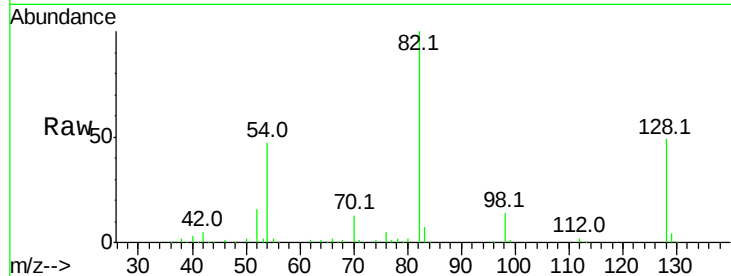




#24  
 Nitrobenzene  
 Concen: 0.344 ng  
 RT: 9.97 min Scan# 1137  
 Delta R.T. -0.05 min  
 Lab File: BG032013.D  
 Acq: 12 Jan 2018 21:53

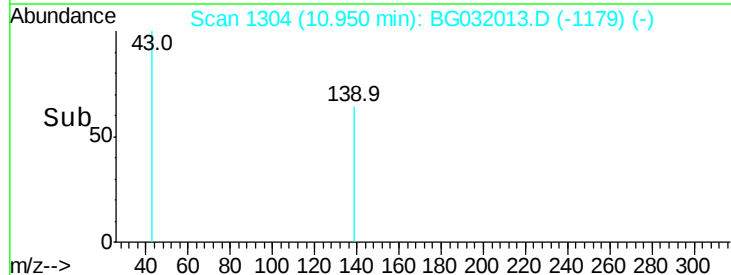
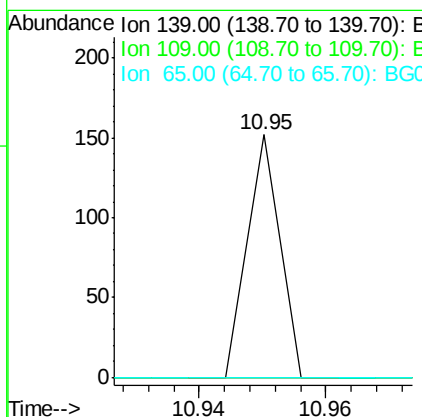
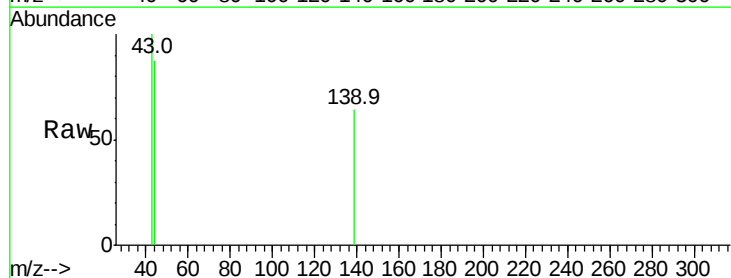
Instrument :  
 BNA\_G  
 ClientSampleId :

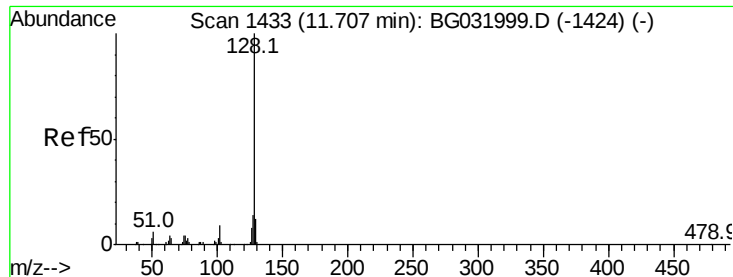
Tot Ion: 77 Resp: 1033  
 Ion Ratio Lower Upper  
 77 100  
 123 0.0 33.0 49.6#  
 65 34.2 13.0 19.6#



#26  
 2-Nitrophenol  
 Concen: 0.030 ng  
 RT: 10.95 min Scan# 1304  
 Delta R.T. 0.21 min  
 Lab File: BG032013.D  
 Acq: 12 Jan 2018 21:53

Tgt Ion: 139 Resp: 54  
 Ion Ratio Lower Upper  
 139 100  
 109 0.0 24.2 36.2#  
 65 0.0 47.4 71.0#

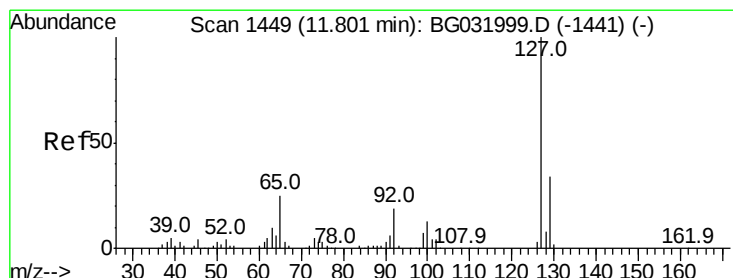
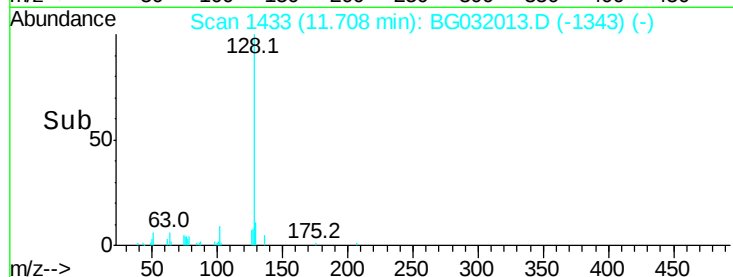
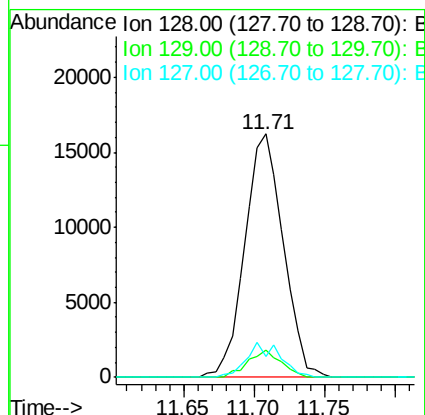
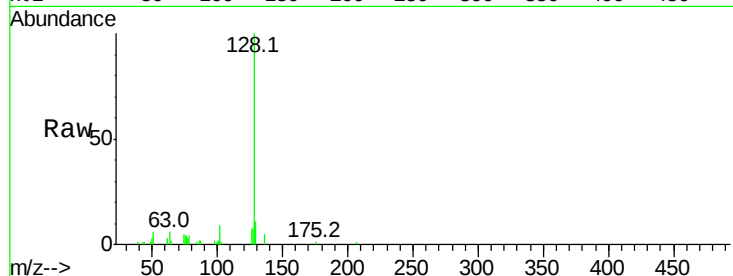




#31  
Naphthalene  
Concen: 3.064 ng  
RT: 11.71 min Scan# 1433  
Delta R.T. 0.00 min  
Lab File: BG032013.D  
Acq: 12 Jan 2018 21:53

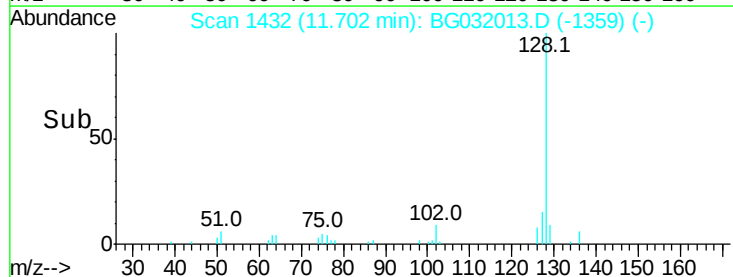
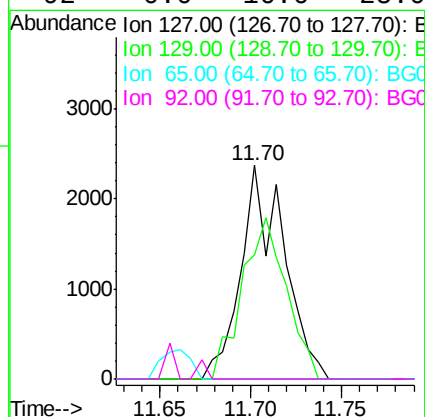
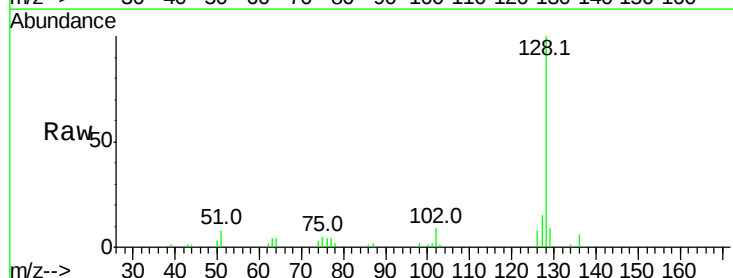
Instrument :  
BNA\_G  
ClientSampleId :

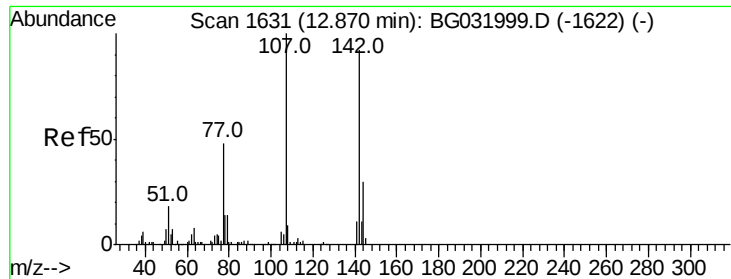
Tot Ion:128 Resp: 30950  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.6 12.8  
127 8.4 11.6 17.4#



#33  
4-Chloroaniline  
Concen: 0.901 ng  
RT: 11.70 min Scan# 1432  
Delta R.T. -0.10 min  
Lab File: BG032013.D  
Acq: 12 Jan 2018 21:53

Tgt Ion:127 Resp: 3904  
Ion Ratio Lower Upper  
127 100  
129 58.1 24.0 36.0#  
65 0.0 27.0 40.4#  
92 0.0 16.6 25.0#

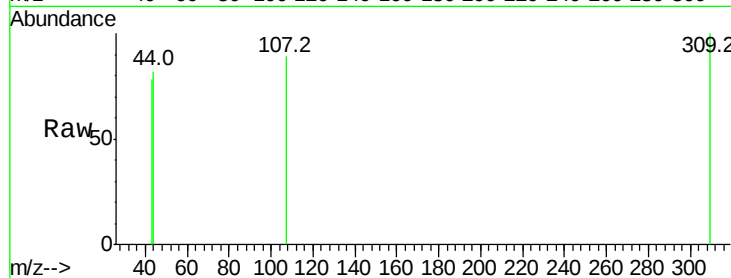




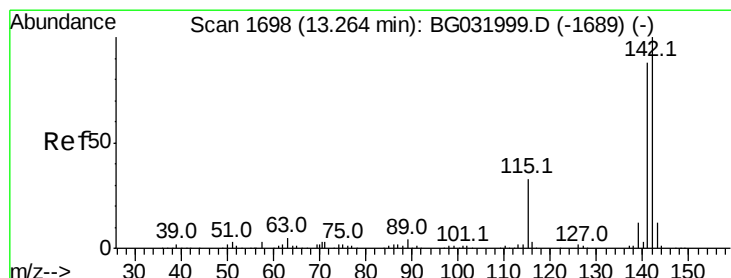
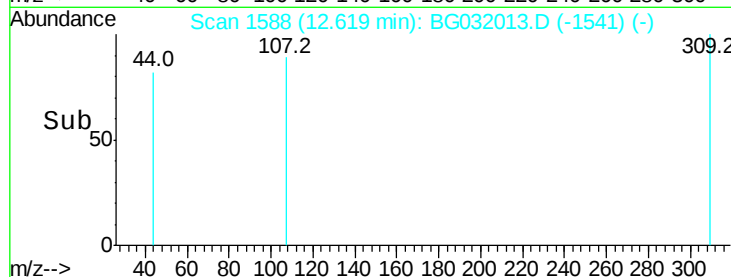
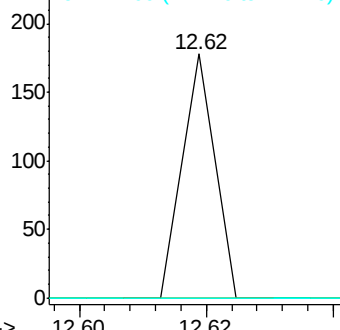
#36  
4-Chloro-3-methylphenol  
Concen: 0.020 ng  
RT: 12.62 min Scan# 1588  
Delta R.T. -0.25 min  
Lab File: BG032013.D  
Acq: 12 Jan 2018 21:53

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:107 Resp: 63  
Ion Ratio Lower Upper  
107 100  
144 0.0 18.2 27.4#  
142 0.0 59.0 88.4#

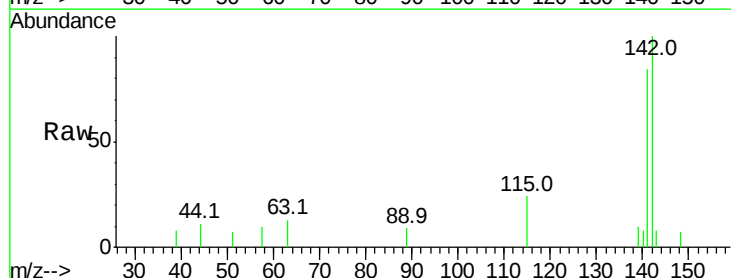


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 144.00 (143.70 to 144.70): E  
Ion 142.00 (141.70 to 142.70): E

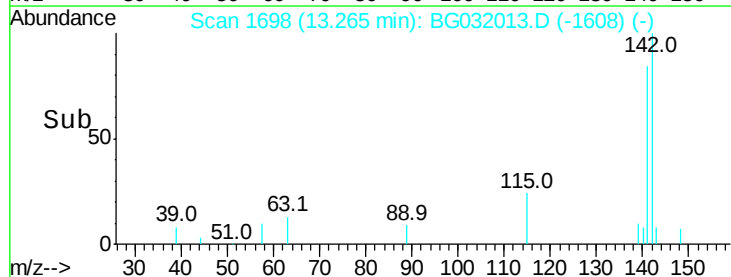
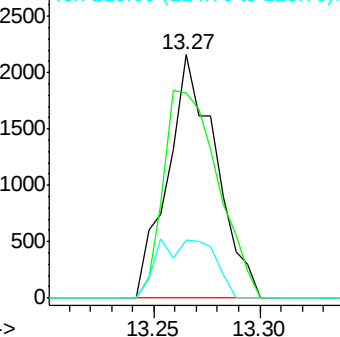


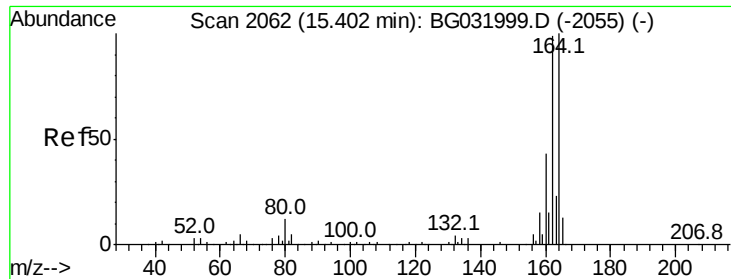
#37  
2-Methylnaphthalene  
Concen: 0.425 ng  
RT: 13.27 min Scan# 1698  
Delta R.T. 0.00 min  
Lab File: BG032013.D  
Acq: 12 Jan 2018 21:53

Tgt Ion:142 Resp: 3407  
Ion Ratio Lower Upper  
142 100  
141 84.3 67.1 100.7  
115 24.0 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

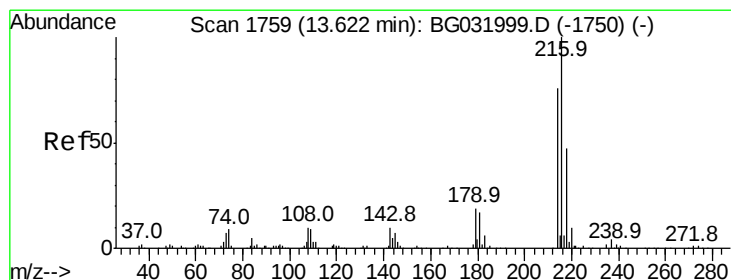
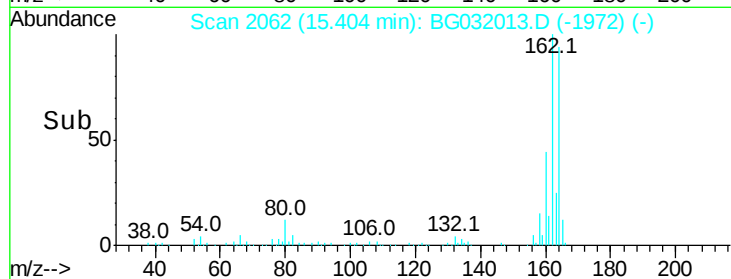
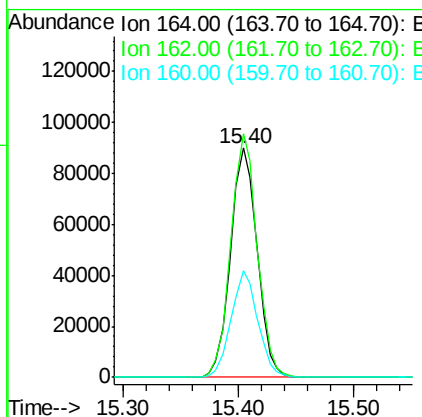
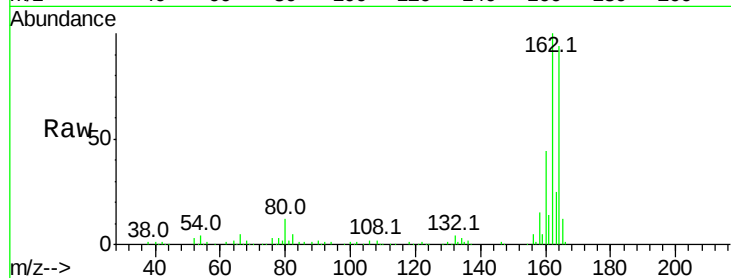




#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 15.40 min Scan# 2062  
 Delta R.T. 0.00 min  
 Lab File: BG032013.D  
 Acq: 12 Jan 2018 21:53

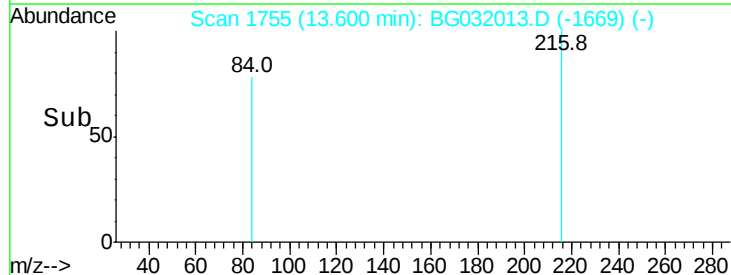
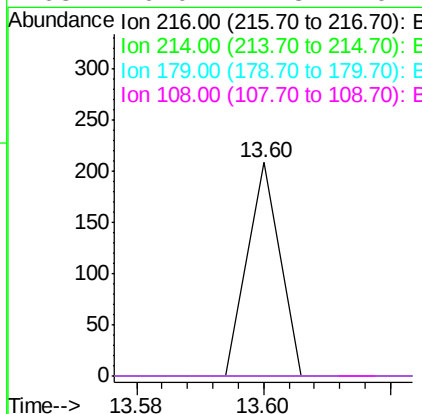
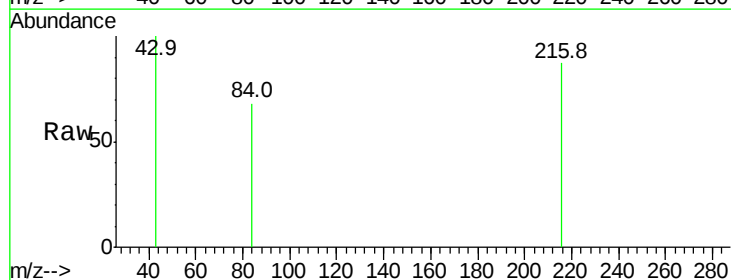
Instrument :  
 BNA\_G  
 ClientSampleId :

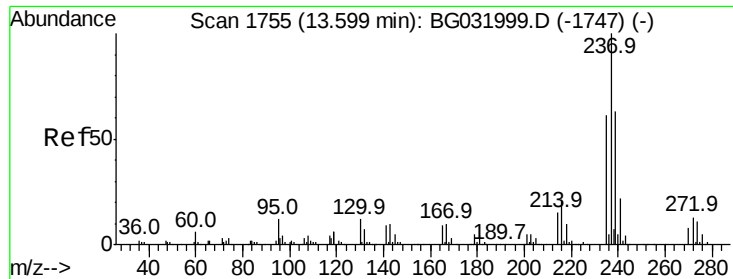
Tot Ion:164 Resp: 143326  
 Ion Ratio Lower Upper  
 164 100  
 162 106.2 78.8 118.2  
 160 46.5 35.4 53.0



#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 0.012 ng  
 RT: 13.60 min Scan# 1755  
 Delta R.T. -0.02 min  
 Lab File: BG032013.D  
 Acq: 12 Jan 2018 21:53

Tgt Ion:216 Resp: 74  
 Ion Ratio Lower Upper  
 216 100  
 214 0.0 63.0 94.4#  
 179 0.0 17.0 25.6#  
 108 0.0 12.8 19.2#

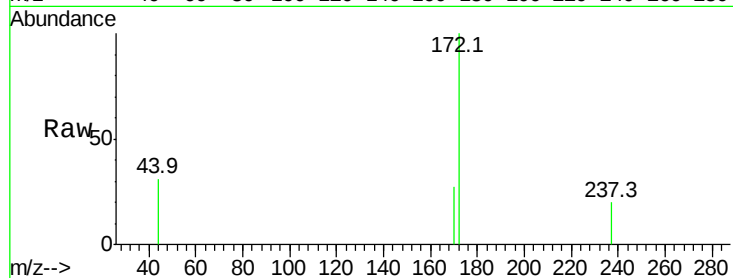




#40  
Hexachlorocyclopentadiene  
Concen: 0.015 ng  
RT: 14.10 min Scan# 1840  
Delta R.T. 0.50 min  
Lab File: BG032013.D  
Acq: 12 Jan 2018 21:53

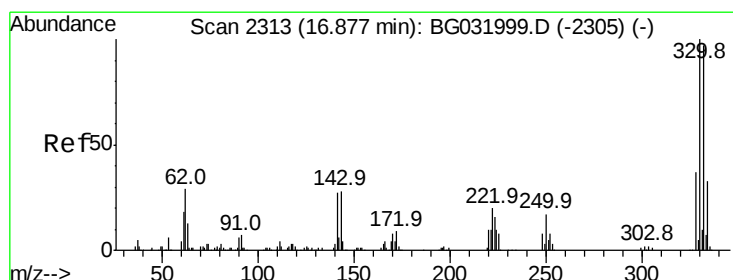
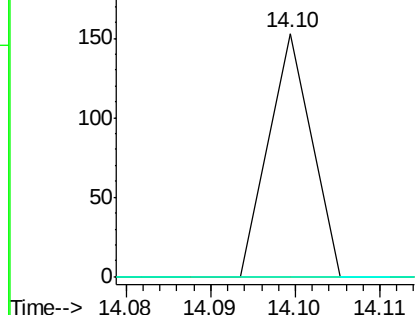
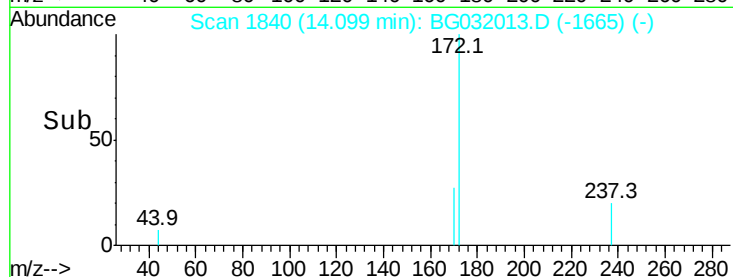
Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:237 Resp: 54  
Ion Ratio Lower Upper  
237 100  
235 0.0 50.4 90.4#  
272 0.0 0.0 31.8



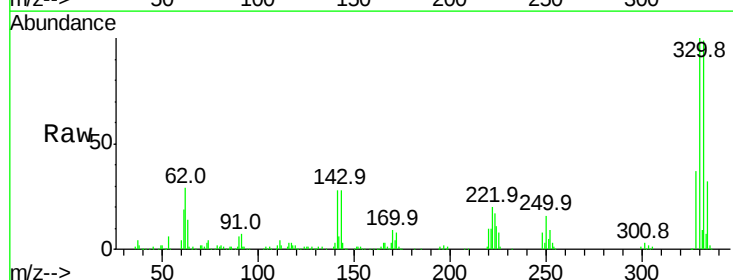
Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

14.10



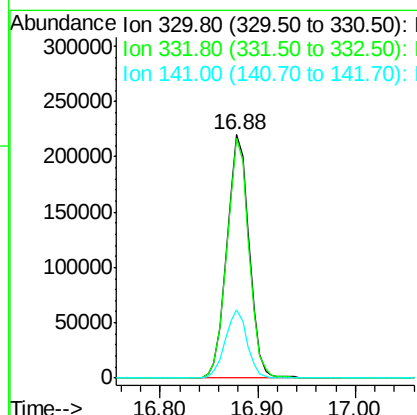
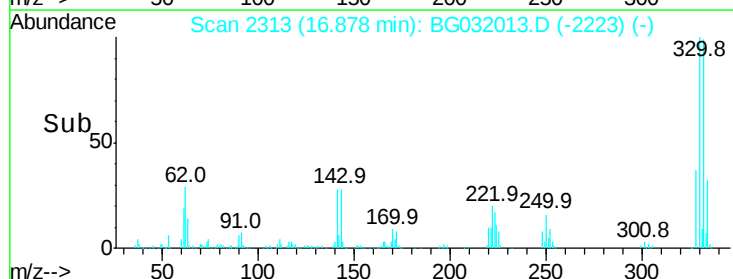
#41  
2,4,6-Tribromophenol  
Concen: 146.911 ng  
RT: 16.88 min Scan# 2313  
Delta R.T. 0.00 min  
Lab File: BG032013.D  
Acq: 12 Jan 2018 21:53

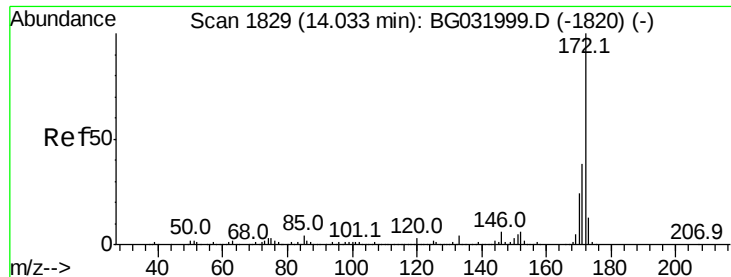
Tgt Ion:330 Resp: 348430  
Ion Ratio Lower Upper  
330 100  
332 97.5 77.0 115.6  
141 27.5 25.2 37.8



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

16.88

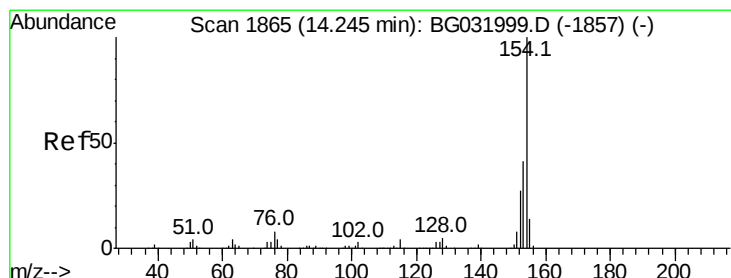
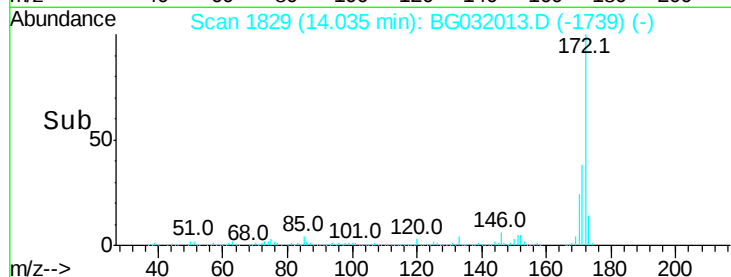
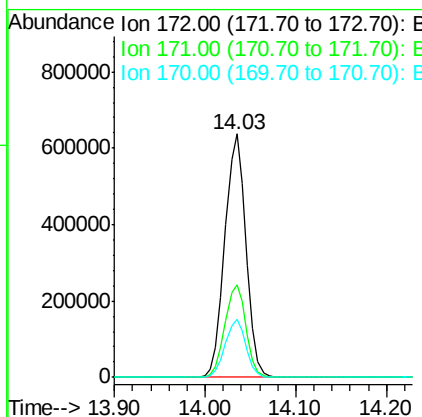
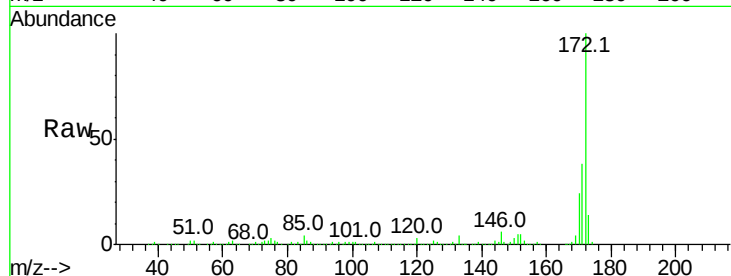




#44  
2-Fluorobiphenyl  
Concen: 89.008 ng  
RT: 14.03 min Scan# 1829  
Delta R.T. 0.00 min  
Lab File: BG032013.D  
Acq: 12 Jan 2018 21:53

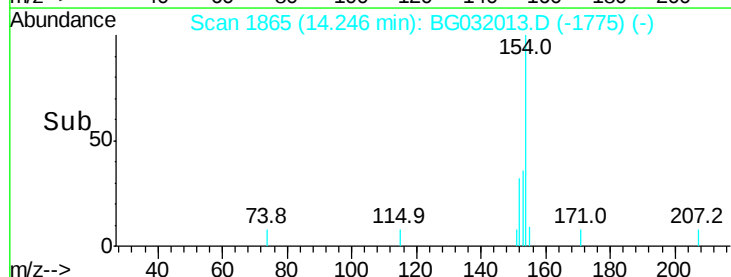
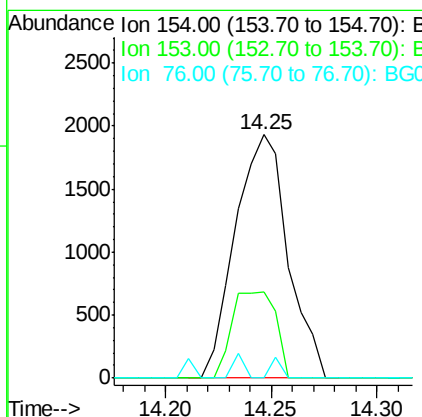
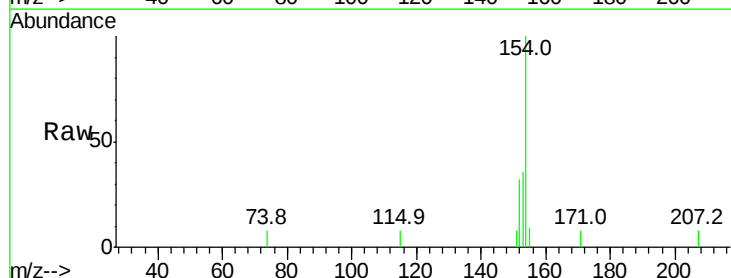
Instrument :  
BNA\_G  
ClientSampleId :

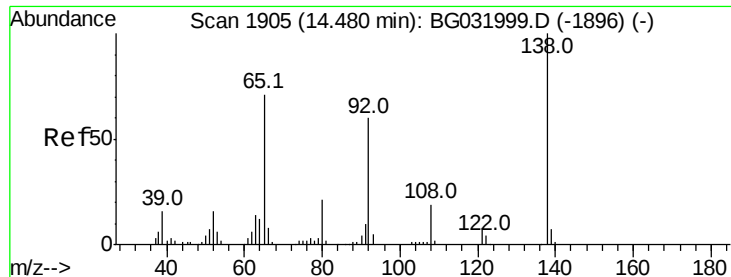
Tot Ion:172 Resp: 1028848  
Ion Ratio Lower Upper  
172 100  
171 38.3 30.0 45.0  
170 23.6 19.5 29.3



#45  
1,1'-Biphenyl  
Concen: 0.271 ng  
RT: 14.25 min Scan# 1865  
Delta R.T. 0.00 min  
Lab File: BG032013.D  
Acq: 12 Jan 2018 21:53

Tgt Ion:154 Resp: 3333  
Ion Ratio Lower Upper  
154 100  
153 35.5 19.8 59.8  
76 0.0 0.0 31.9

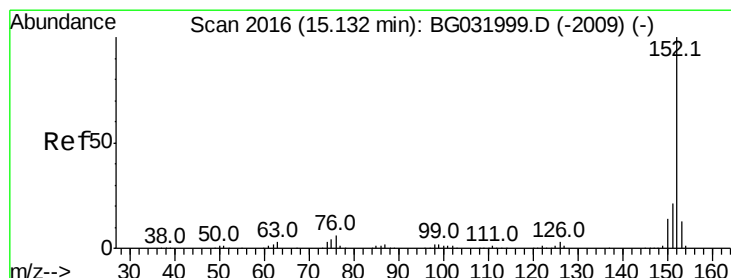
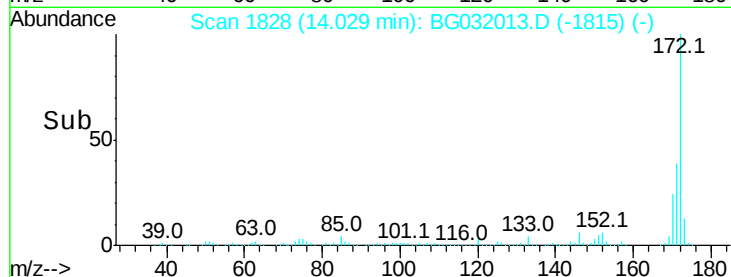
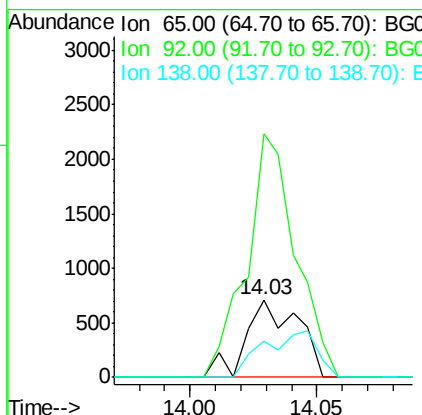
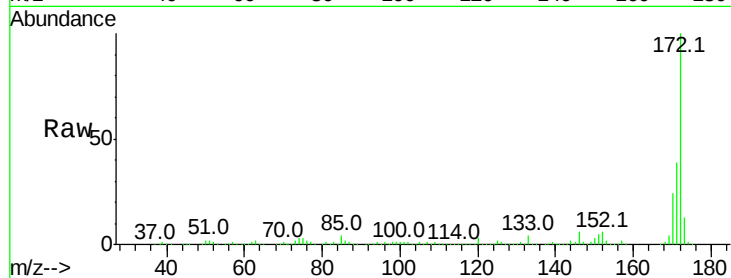




#47  
2-Nitroaniline  
Concen: 0.557 ng  
RT: 14.03 min Scan# 1828  
Delta R.T. -0.45 min  
Lab File: BG032013.D  
Acq: 12 Jan 2018 21:53

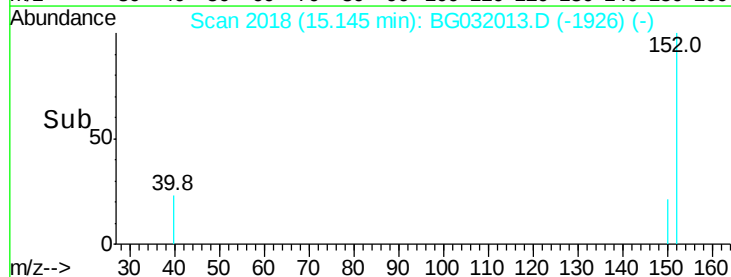
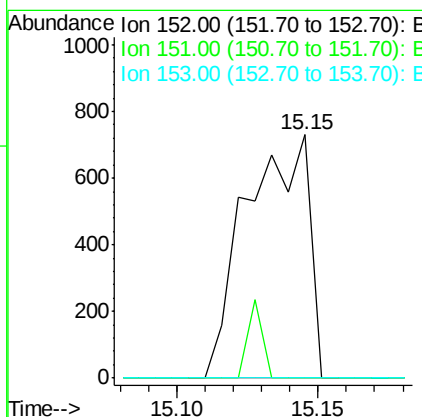
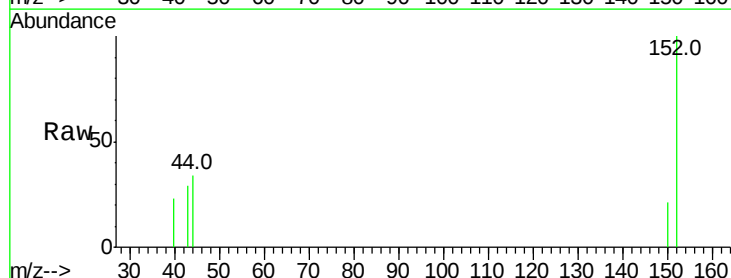
Instrument :  
BNA\_G  
ClientSampleId :

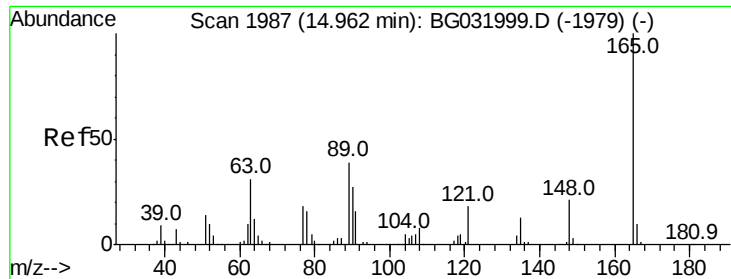
Tot Ion: 65 Resp: 1019  
Ion Ratio Lower Upper  
65 100  
92 312.7 54.6 82.0#  
138 46.6 72.9 109.3#



#48  
Acenaphthylene  
Concen: 0.077 ng  
RT: 15.15 min Scan# 2018  
Delta R.T. 0.01 min  
Lab File: BG032013.D  
Acq: 12 Jan 2018 21:53

Tgt Ion: 152 Resp: 1125  
Ion Ratio Lower Upper  
152 100  
151 0.0 17.2 25.8#  
153 0.0 10.2 15.4#





#50

2,6-Dinitrotoluene

Concen: 7.278 ng

RT: 15.40 min Scan# 2062

Delta R.T. 0.44 min

Lab File: BG032013.D

Acq: 12 Jan 2018 21:53

Instrument :

BNA\_G

ClientSampleId :

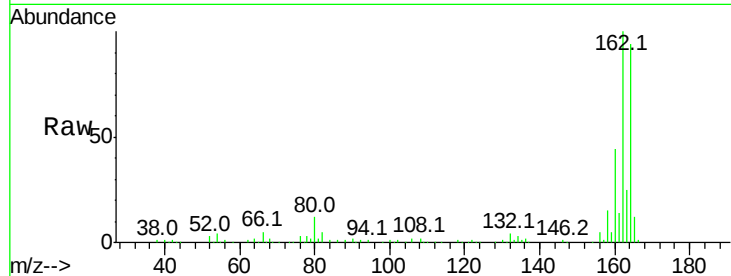
Tot Ion:165 Resp: 18948

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

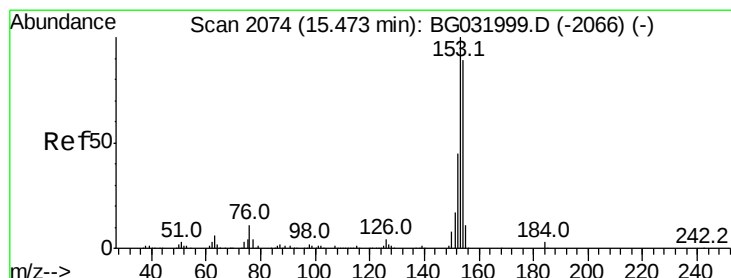
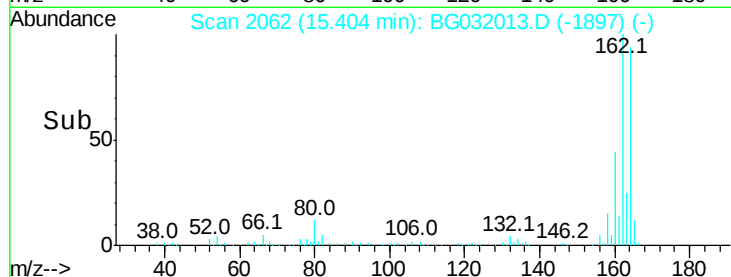
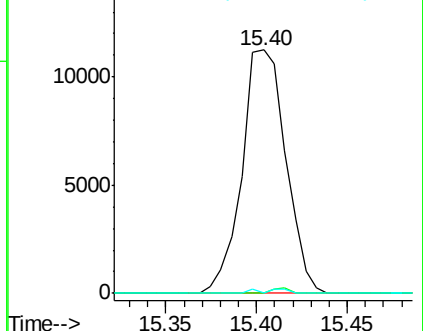
89 0.0 49.2 73.8#



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



#51

Acenaphthene

Concen: 0.163 ng

RT: 15.47 min Scan# 2073

Delta R.T. -0.00 min

Lab File: BG032013.D

Acq: 12 Jan 2018 21:53

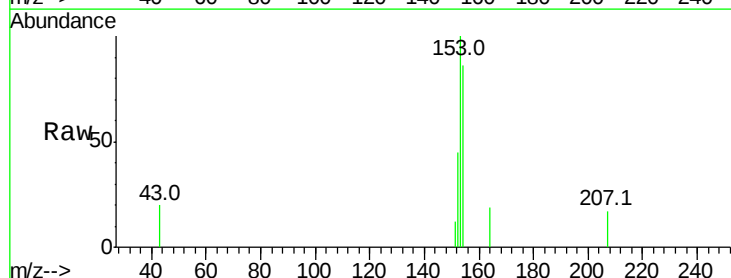
Tgt Ion:154 Resp: 1568

Ion Ratio Lower Upper

154 100

153 116.3 90.4 135.6

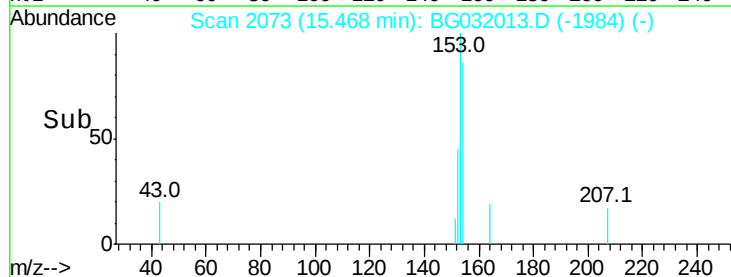
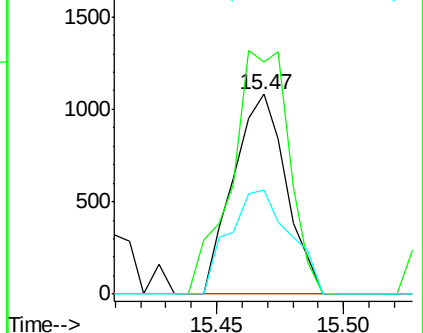
152 51.9 41.6 62.4

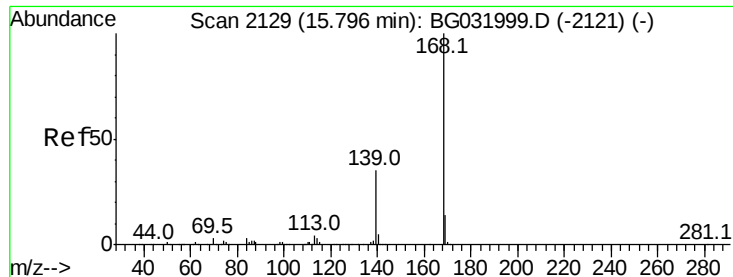


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzenofuran

Concen: 0.233 ng

RT: 15.80 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BG032013.D

Acq: 12 Jan 2018 21:53

Instrument :

BNA\_G

ClientSampled :

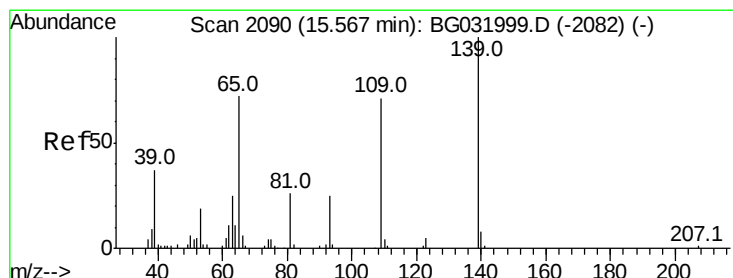
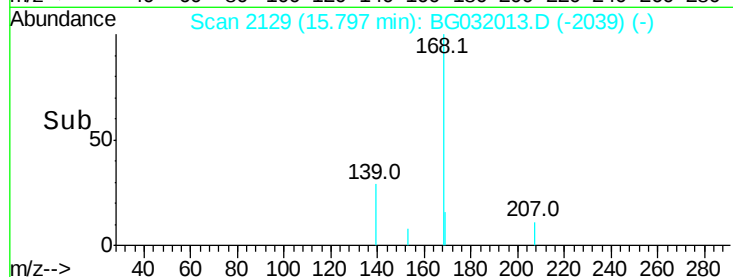
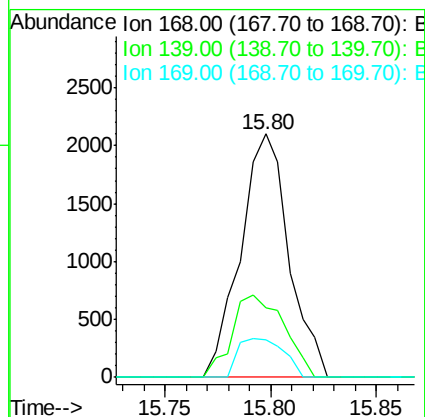
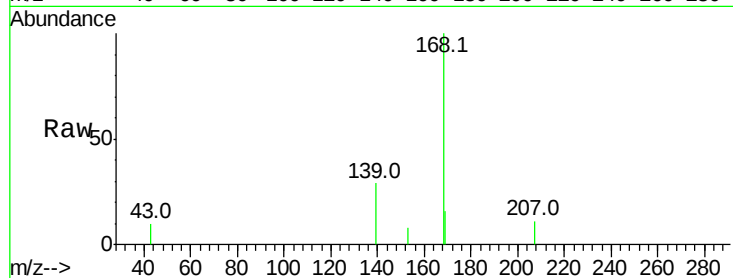
Tot Ion:168 Resp: 3340

Ion Ratio Lower Upper

168 100

139 28.5 28.6 43.0#

169 15.5 11.2 16.8



#55

4-Nitrophenol

Concen: 0.706 ng

RT: 15.79 min Scan# 2128

Delta R.T. 0.22 min

Lab File: BG032013.D

Acq: 12 Jan 2018 21:53

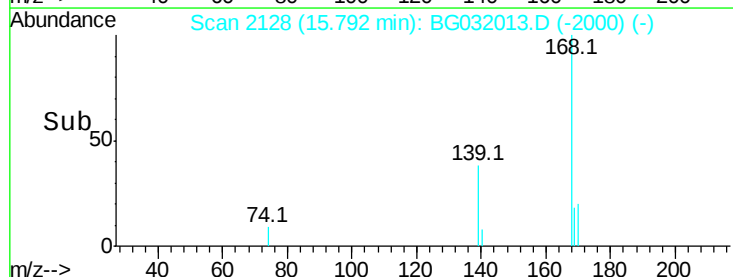
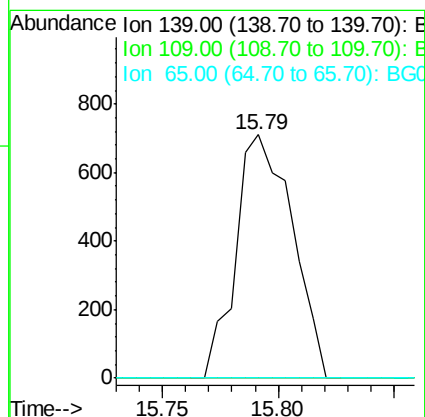
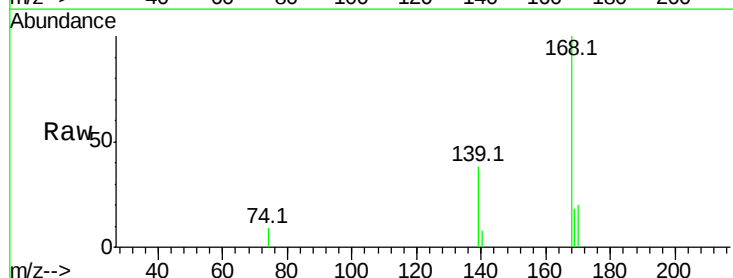
Tgt Ion:139 Resp: 1209

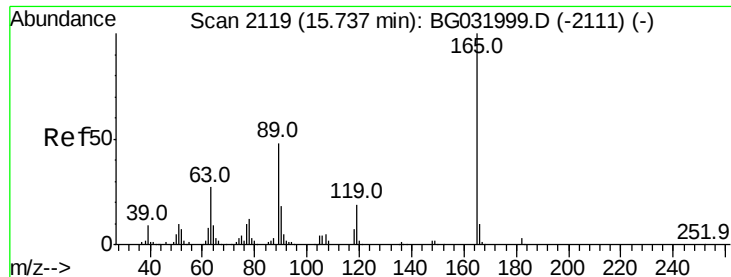
Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

65 0.0 97.2 137.2#

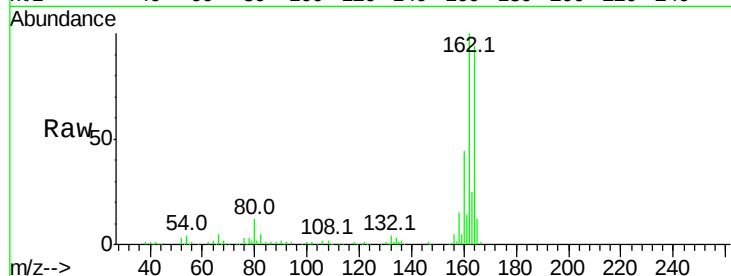




#56  
2,4-Dinitrotoluene  
Concen: 5.406 ng  
RT: 15.40 min Scan# 2062  
Delta R.T. -0.33 min  
Lab File: BG032013.D  
Acq: 12 Jan 2018 21:53

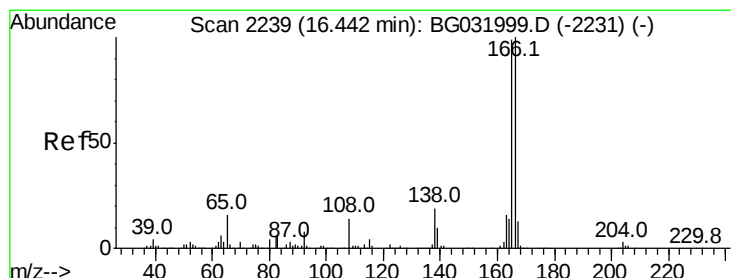
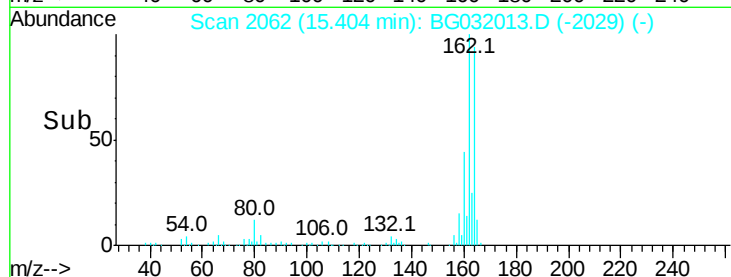
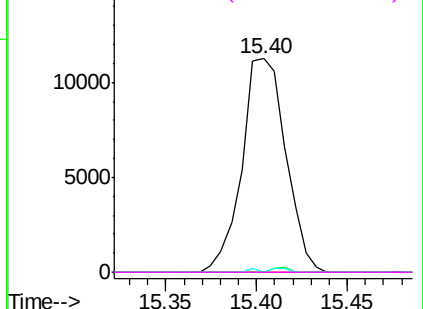
Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:165 Resp: 18948  
Ion Ratio Lower Upper  
165 100  
63 0.0 42.0 63.0#  
89 0.0 66.9 100.3#  
182 0.0 2.6 3.8#



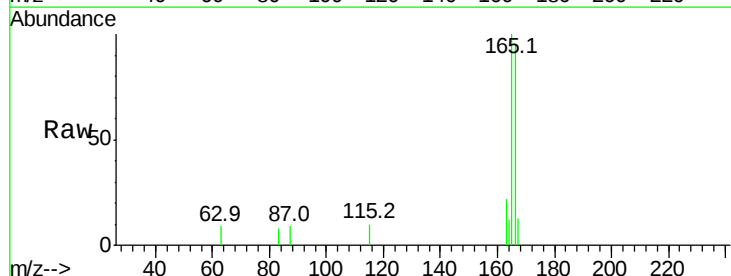
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG  
Ion 89.00 (88.70 to 89.70): BG  
Ion 182.00 (181.70 to 182.70): E



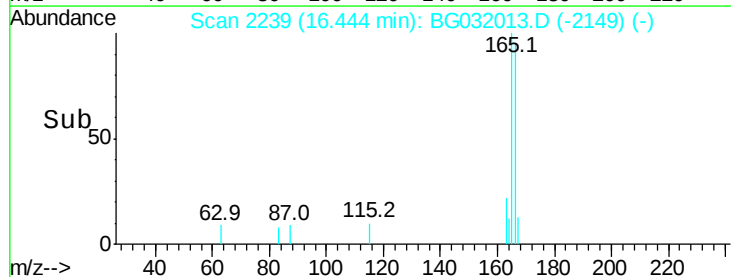
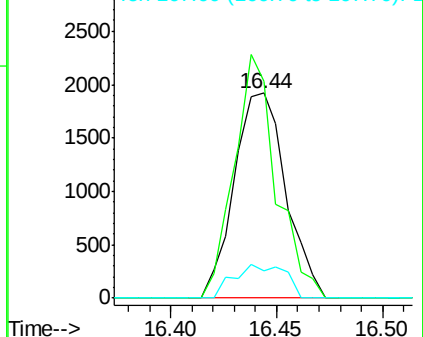
#57  
Fluorene  
Concen: 0.276 ng  
RT: 16.44 min Scan# 2239  
Delta R.T. 0.00 min  
Lab File: BG032013.D  
Acq: 12 Jan 2018 21:53

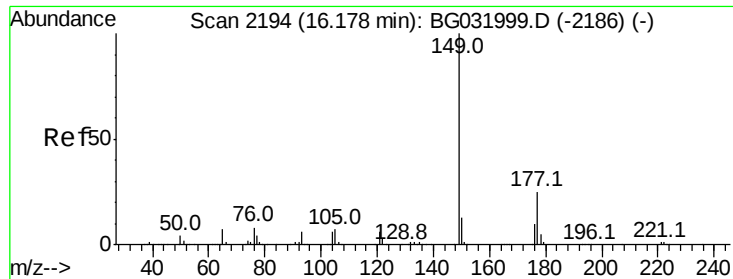
Tgt Ion:166 Resp: 3254  
Ion Ratio Lower Upper  
166 100  
165 105.7 80.6 121.0  
167 13.3 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E

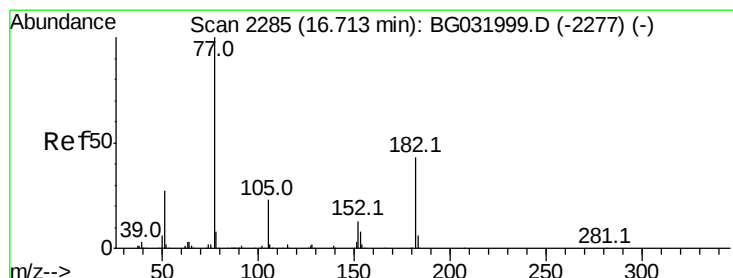
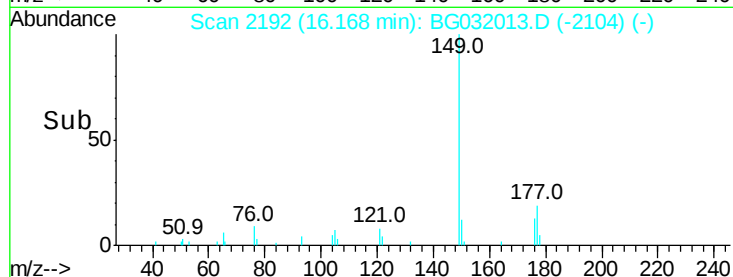
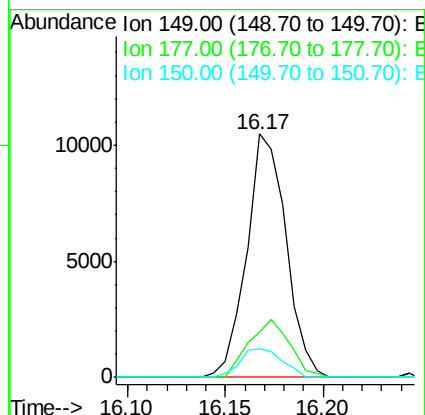
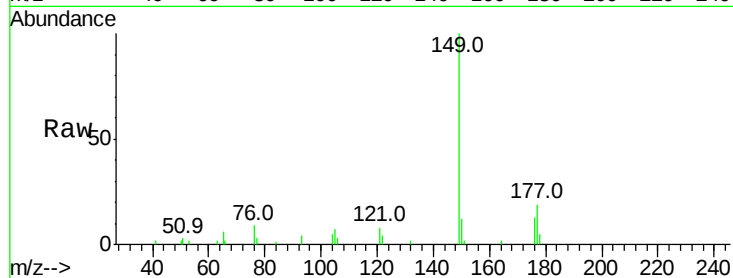




#59  
Diethylphthalate  
Concen: 1.202 ng  
RT: 16.17 min Scan# 2192  
Delta R.T. -0.01 min  
Lab File: BG032013.D  
Acq: 12 Jan 2018 21:53

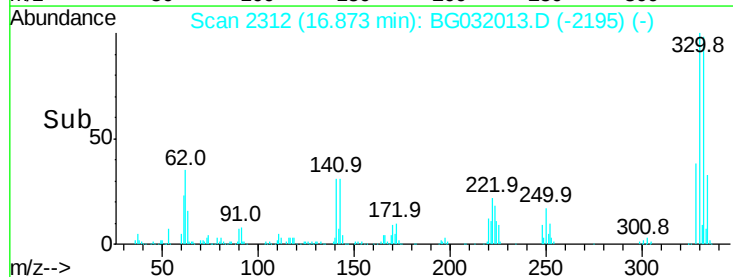
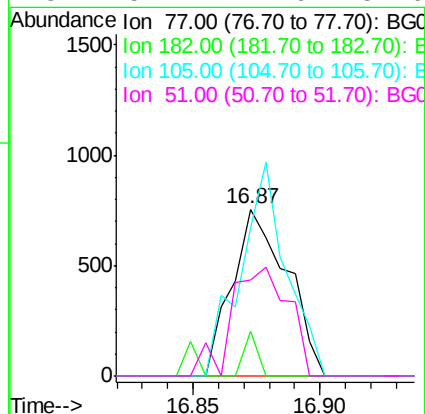
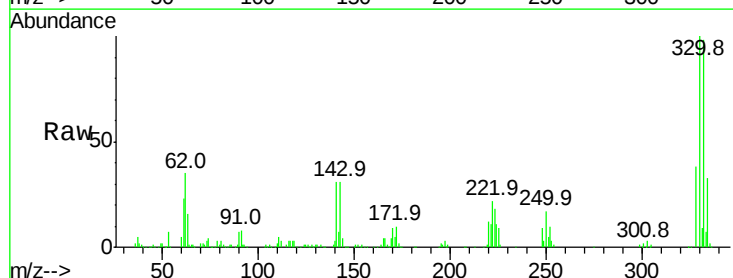
Instrument :  
BNA\_G  
ClientSampled :

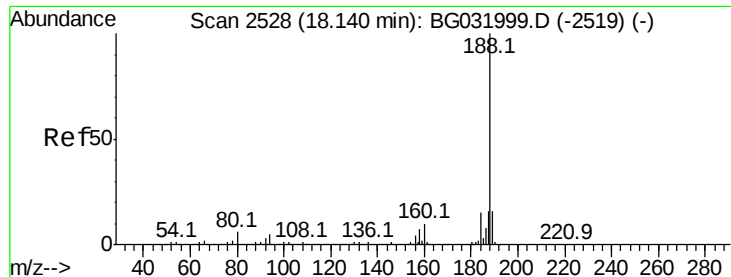
Tot Ion:149 Resp: 14620  
Ion Ratio Lower Upper  
149 100  
177 18.5 18.5 27.7  
150 11.6 10.2 15.2



#62  
Azobenzene  
Concen: 0.150 ng  
RT: 16.87 min Scan# 2312  
Delta R.T. 0.16 min  
Lab File: BG032013.D  
Acq: 12 Jan 2018 21:53

Tgt Ion: 77 Resp: 1141  
Ion Ratio Lower Upper  
77 100  
182 27.1 7.4 47.4  
105 89.4 0.3 40.3#  
51 57.7 11.6 51.6#

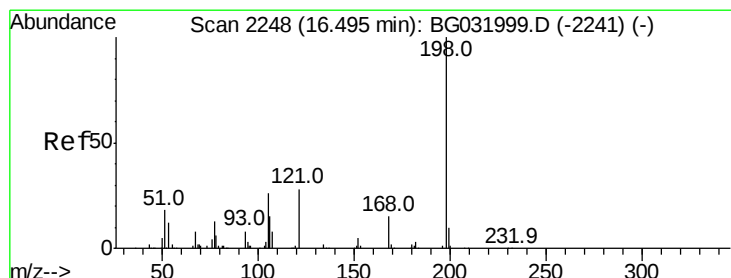
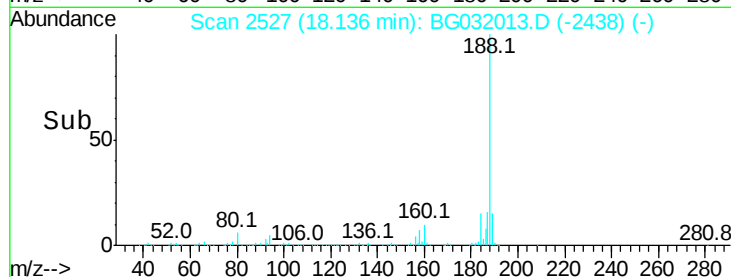
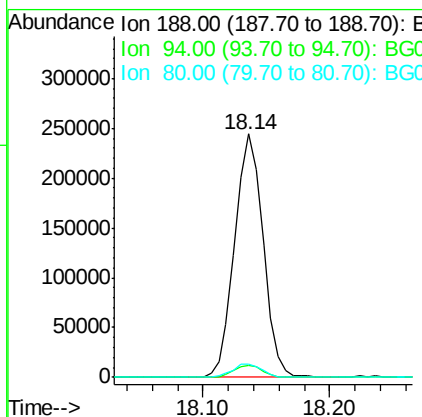
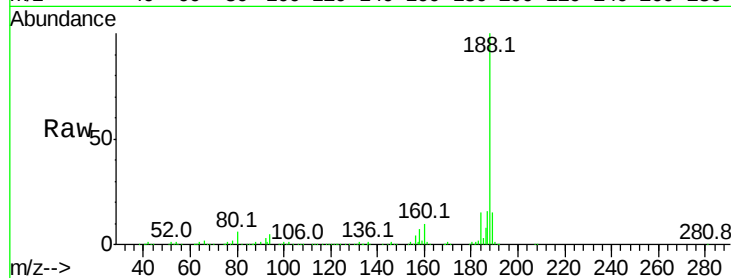




#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 18.14 min Scan# 2527  
 Delta R.T. -0.00 min  
 Lab File: BG032013.D  
 Acq: 12 Jan 2018 21:53

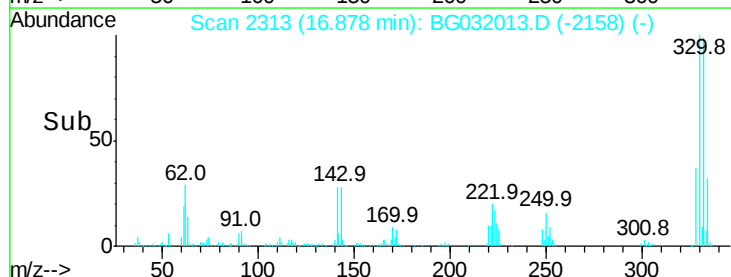
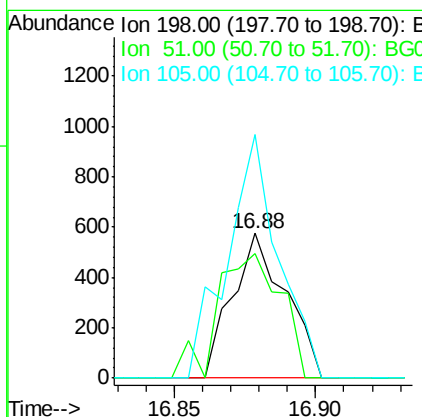
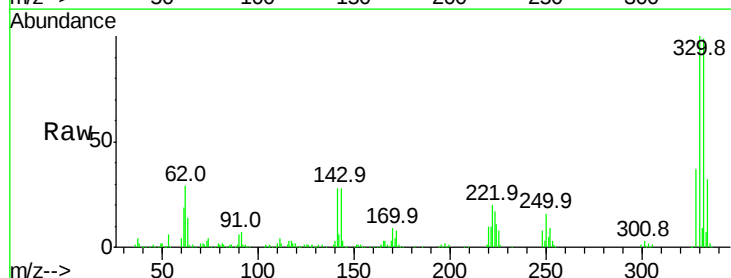
Instrument :  
 BNA\_G  
 ClientSampleId :

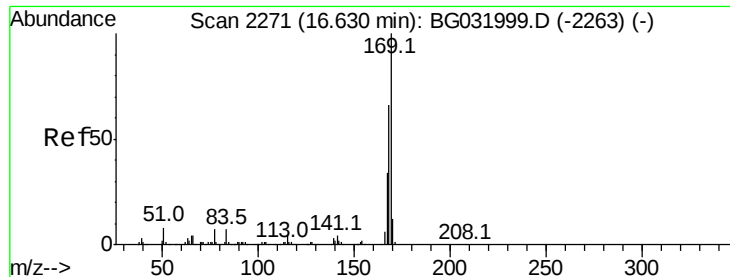
Tot Ion:188 Resp: 379996  
 Ion Ratio Lower Upper  
 188 100  
 94 4.9 6.9 10.3#  
 80 5.5 7.7 11.5#



#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 5.163 ng  
 RT: 16.88 min Scan# 2313  
 Delta R.T. 0.38 min  
 Lab File: BG032013.D  
 Acq: 12 Jan 2018 21:53

Tgt Ion:198 Resp: 755  
 Ion Ratio Lower Upper  
 198 100  
 51 85.9 30.6 70.6#  
 105 168.1 23.8 63.8#

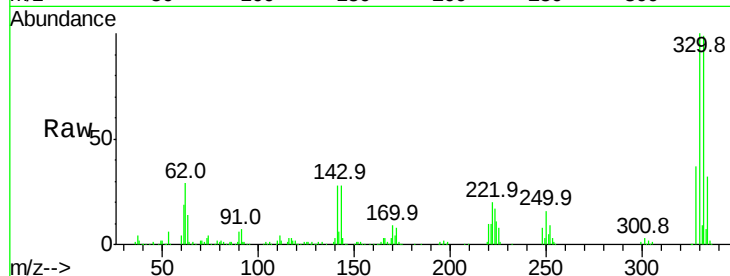




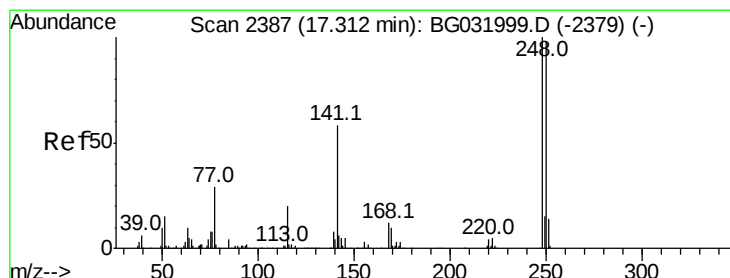
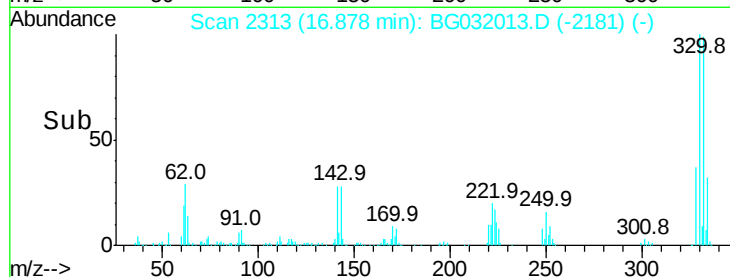
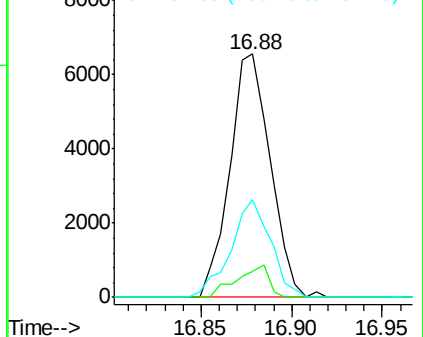
#65  
n-Nitrosodiphenylamine  
Concen: 0.885 ng  
RT: 16.88 min Scan# 2313  
Delta R.T. 0.25 min  
Lab File: BG032013.D  
Acq: 12 Jan 2018 21:53

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:169 Resp: 10210  
Ion Ratio Lower Upper  
169 100  
168 10.7 55.7 83.5#  
167 51.0 30.1 45.1#

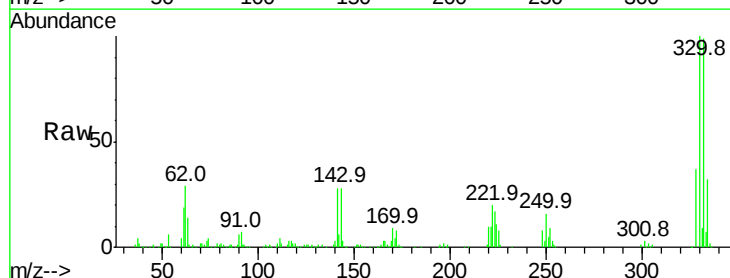


Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E

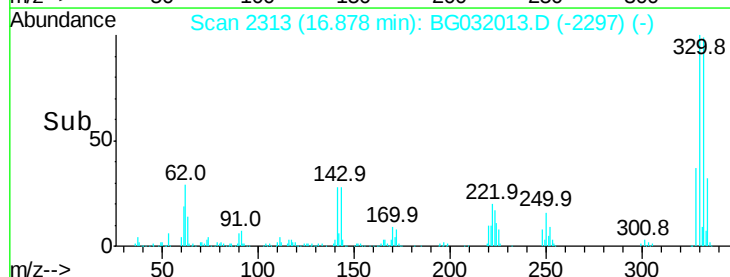
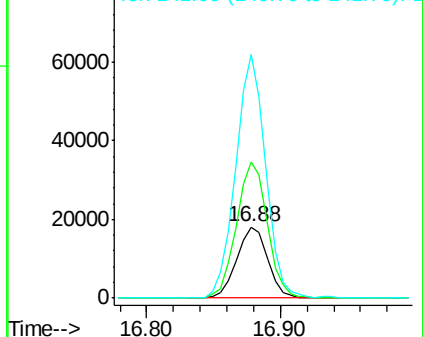


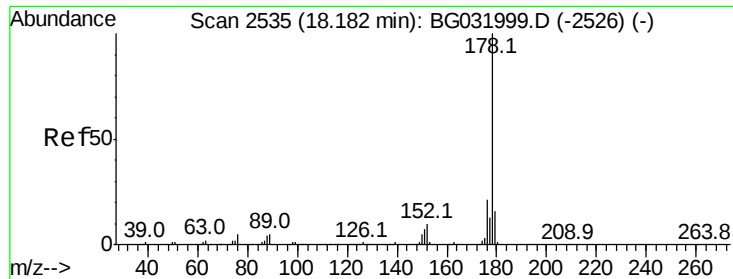
#66  
4-Bromophenyl-phenylether  
Concen: 5.335 ng  
RT: 16.88 min Scan# 2313  
Delta R.T. -0.43 min  
Lab File: BG032013.D  
Acq: 12 Jan 2018 21:53

Tgt Ion:248 Resp: 28846  
Ion Ratio Lower Upper  
248 100  
250 190.4 77.1 115.7#  
141 342.3 50.8 76.2#



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





#70

Phenanthrene

Concen: 0.455 ng

RT: 18.18 min Scan# 2534

Delta R.T. -0.00 min

Lab File: BG032013.D

Acq: 12 Jan 2018 21:53

Instrument :

BNA\_G

ClientSampleId :

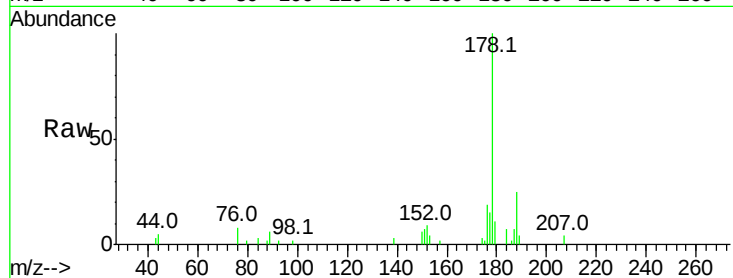
Tot Ion:178 Resp: 9629

Ion Ratio Lower Upper

178 100

176 18.6 15.7 23.5

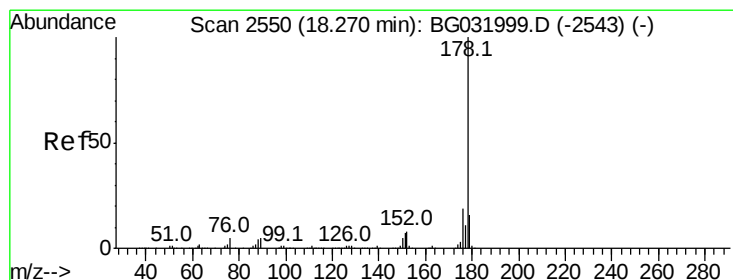
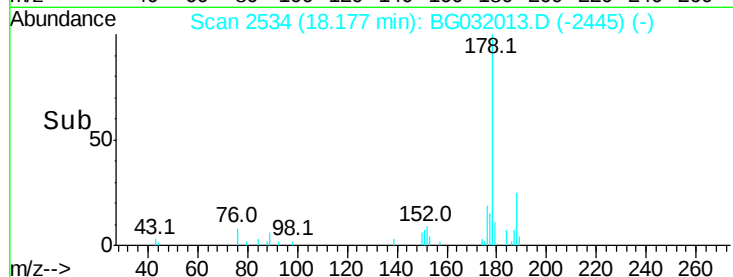
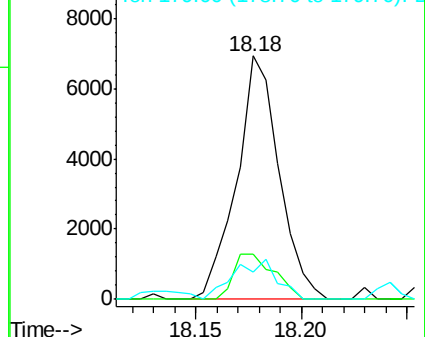
179 11.0 12.5 18.7#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 0.060 ng

RT: 18.27 min Scan# 2550

Delta R.T. 0.00 min

Lab File: BG032013.D

Acq: 12 Jan 2018 21:53

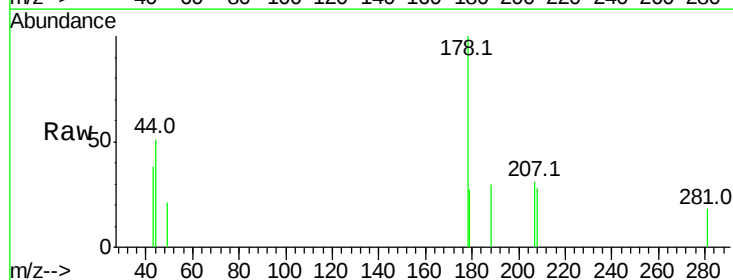
Tgt Ion:178 Resp: 1271

Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

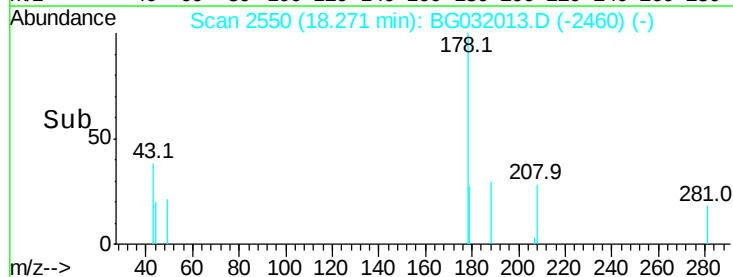
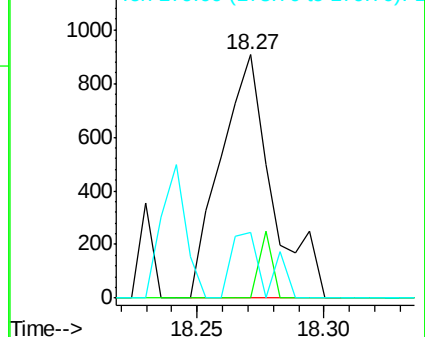
179 26.8 12.5 18.7#

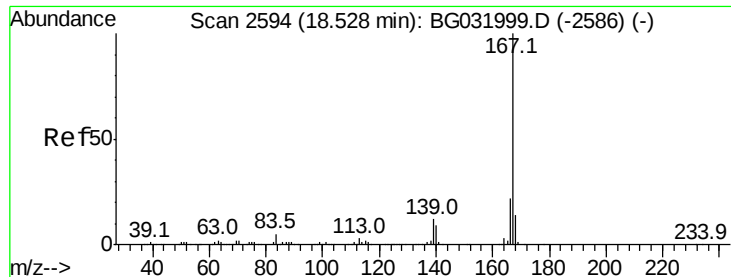


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.076 ng

RT: 18.52 min Scan# 2593

Delta R.T. -0.00 min

Lab File: BG032013.D

Acq: 12 Jan 2018 21:53

Instrument :

BNA\_G

ClientSampleId :

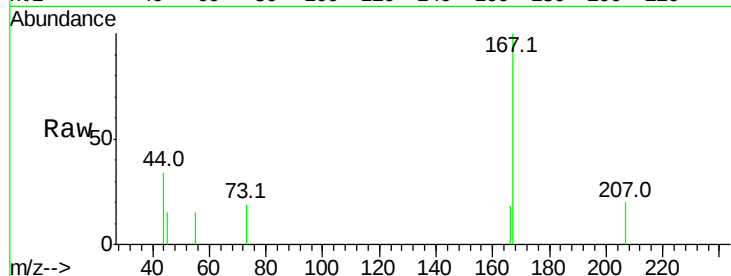
Tot Ion:167 Resp: 1396

Ion Ratio Lower Upper

167 100

166 18.0 18.2 27.4#

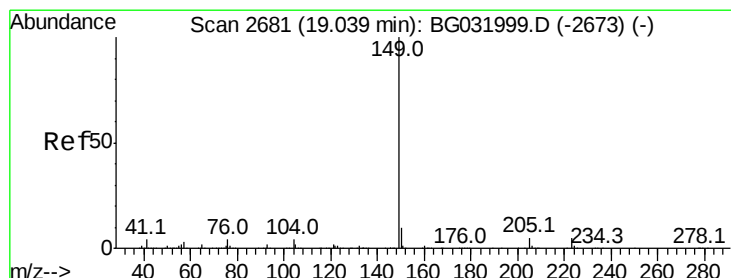
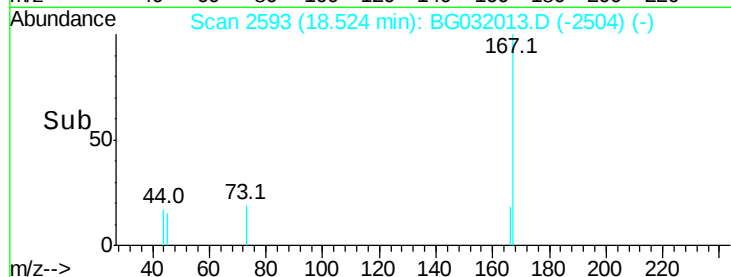
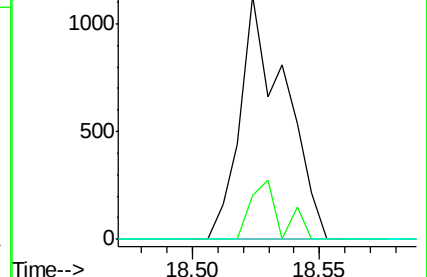
139 0.0 9.4 14.2#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 0.095 ng

RT: 19.03 min Scan# 2680

Delta R.T. -0.00 min

Lab File: BG032013.D

Acq: 12 Jan 2018 21:53

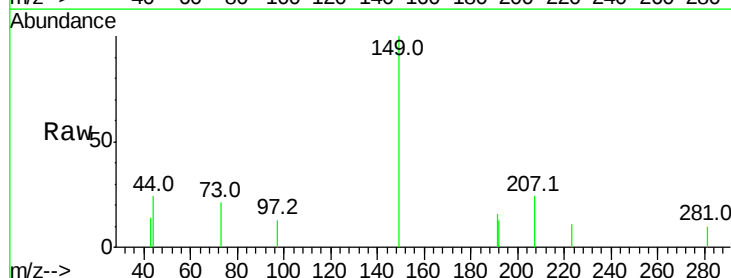
Tgt Ion:149 Resp: 2058

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

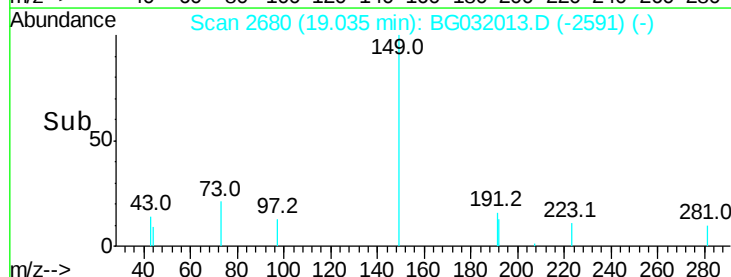
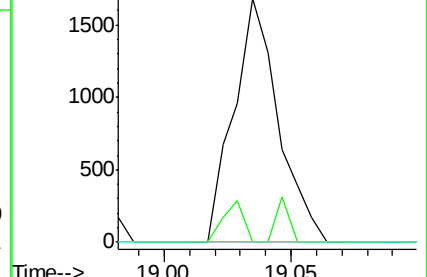
104 0.0 3.9 5.9#

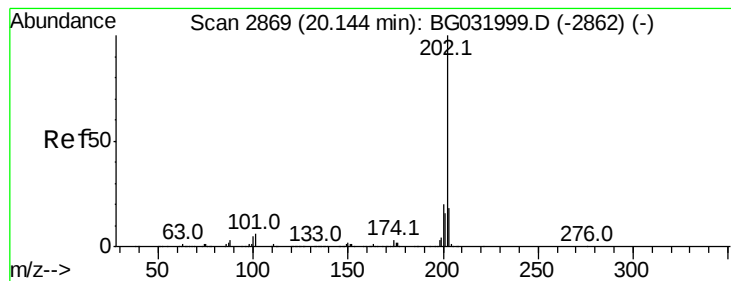


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 0.059 ng

RT: 20.13 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG032013.D

Acq: 12 Jan 2018 21:53

Instrument :

BNA\_G

ClientSampleId :

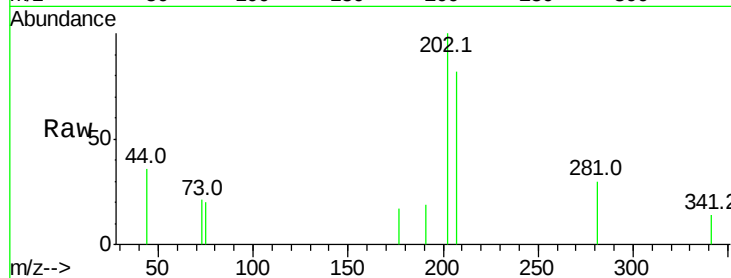
Tot Ion:202 Resp: 1568

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.9

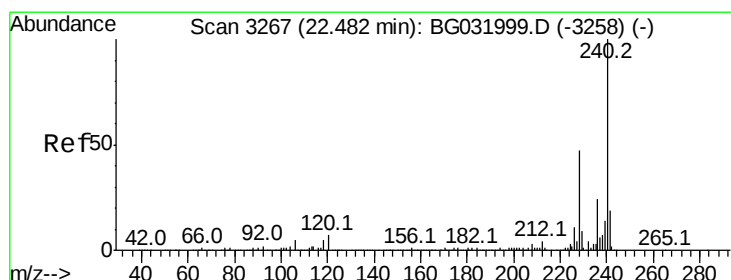
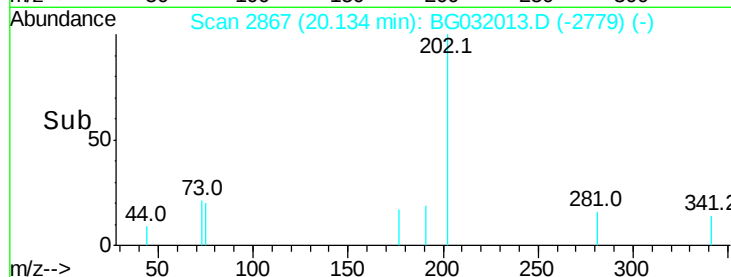
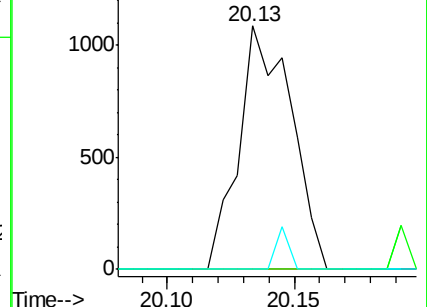
203 0.0 0.0 37.5



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: 22.48 min Scan# 3266

Delta R.T. -0.00 min

Lab File: BG032013.D

Acq: 12 Jan 2018 21:53

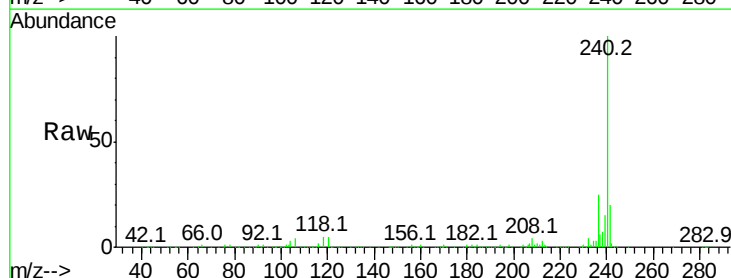
Tgt Ion:240 Resp: 445248

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

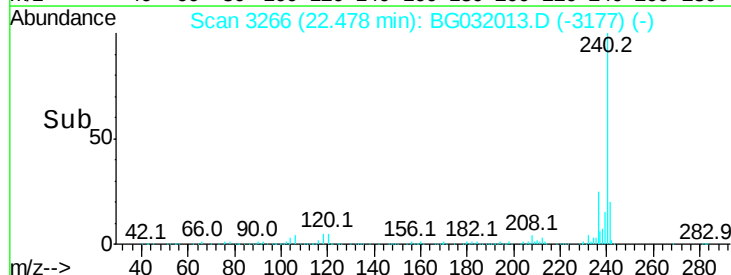
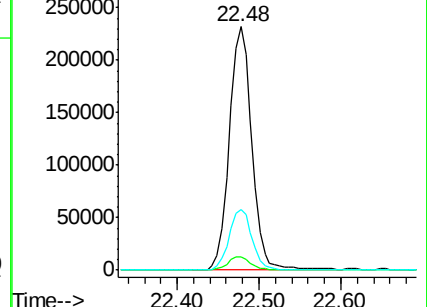
236 24.7 20.9 31.3

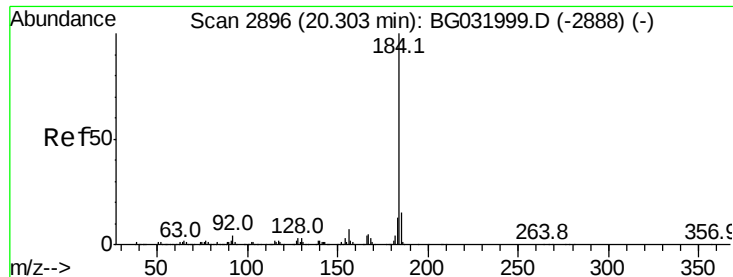


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 2.436 ng

RT: 20.67 min Scan# 2959

Delta R.T. 0.37 min

Lab File: BG032013.D

Acq: 12 Jan 2018 21:53

Instrument :

BNA\_G

ClientSampleId :

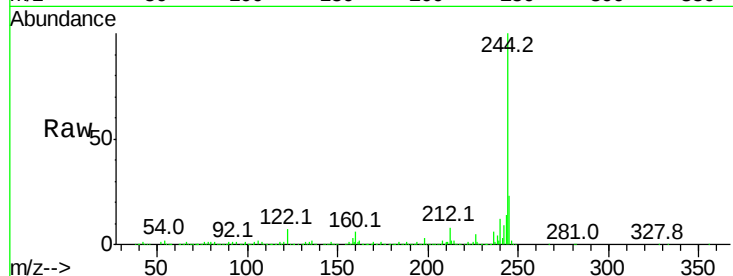
Tot Ion:184 Resp: 27125

Ion Ratio Lower Upper

184 100

185 14.4 11.1 16.7

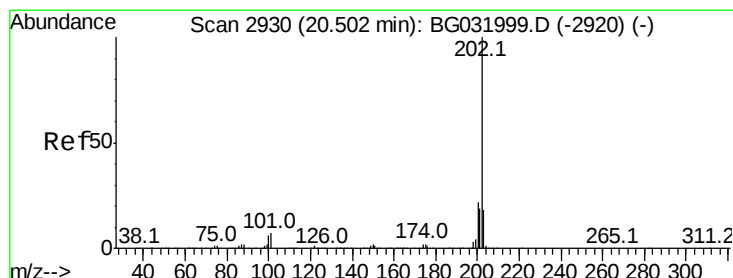
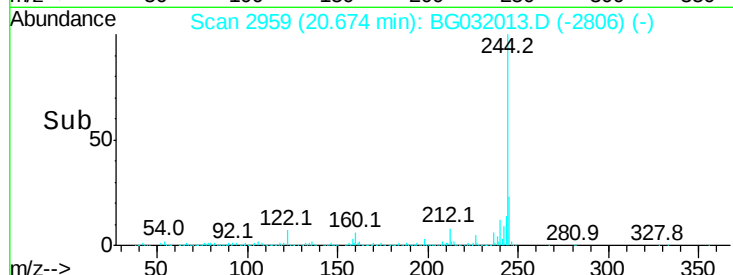
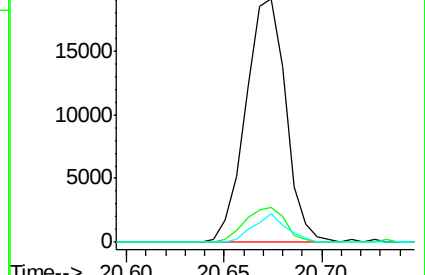
183 11.6 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 0.028 ng

RT: 20.49 min Scan# 2928

Delta R.T. -0.01 min

Lab File: BG032013.D

Acq: 12 Jan 2018 21:53

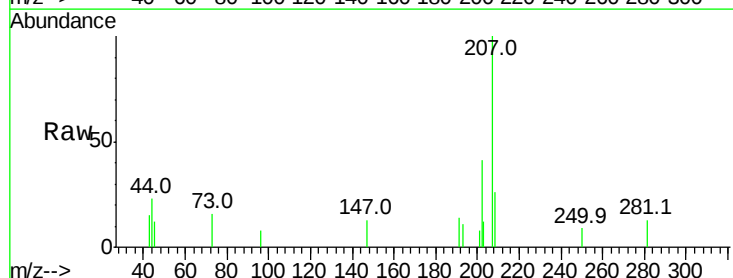
Tgt Ion:202 Resp: 792

Ion Ratio Lower Upper

202 100

200 0.0 16.9 25.3#

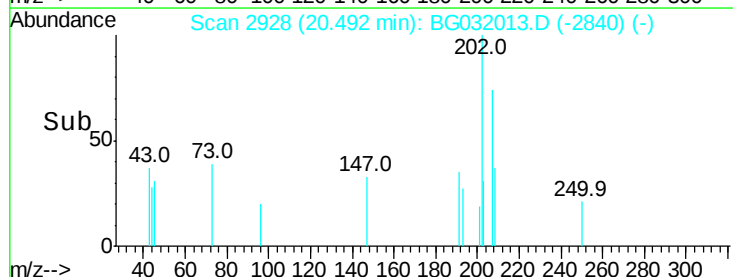
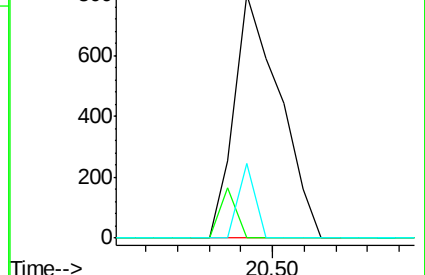
203 30.8 13.9 20.9#

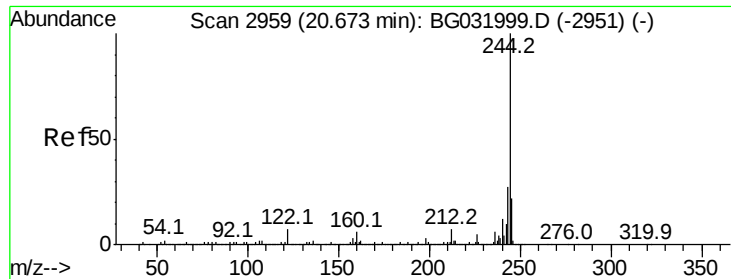


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 99.302 ng

RT: 20.67 min Scan# 2959

Delta R.T. 0.00 min

Lab File: BG032013.D

Acq: 12 Jan 2018 21:53

Instrument :

BNA\_G

ClientSampleId :

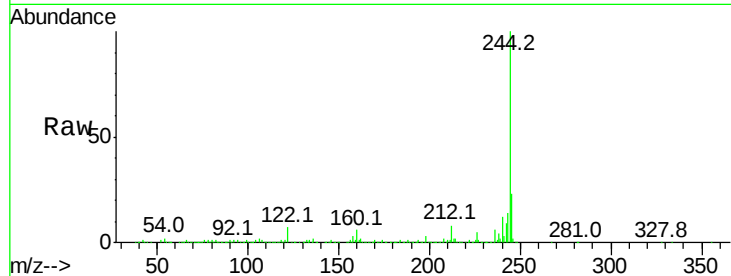
Tot Ion:244 Resp: 2002404

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

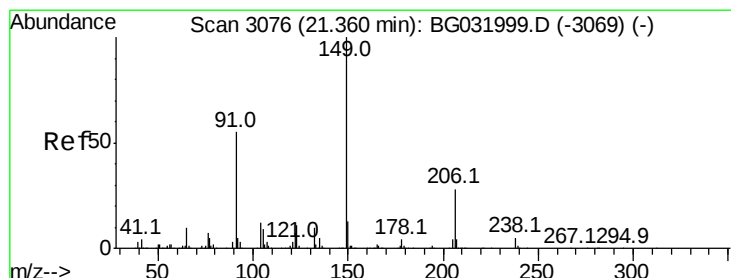
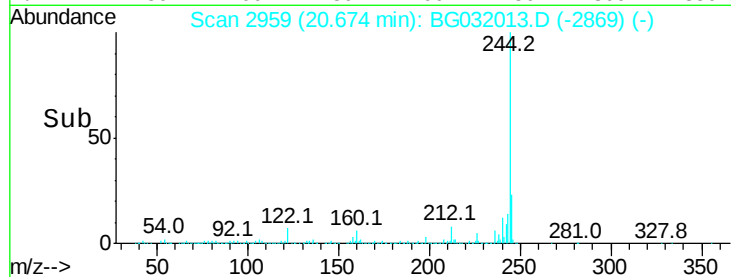
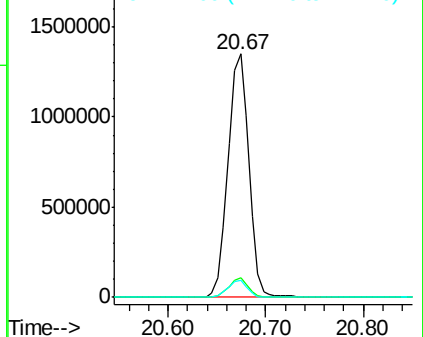
122 7.0 7.0 10.4



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: 0.027 ng

RT: 21.36 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BG032013.D

Acq: 12 Jan 2018 21:53

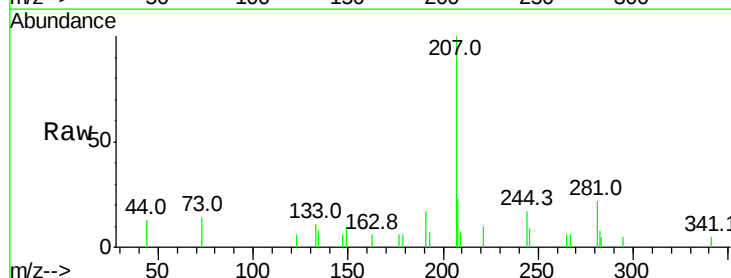
Tgt Ion:149 Resp: 269

Ion Ratio Lower Upper

149 100

91 0.0 62.2 93.2#

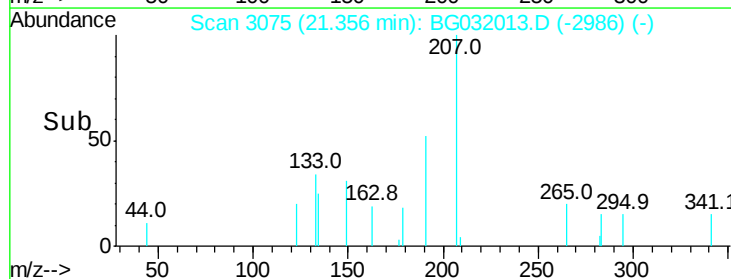
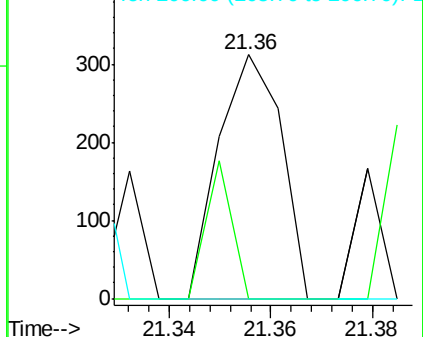
206 0.0 18.6 27.8#

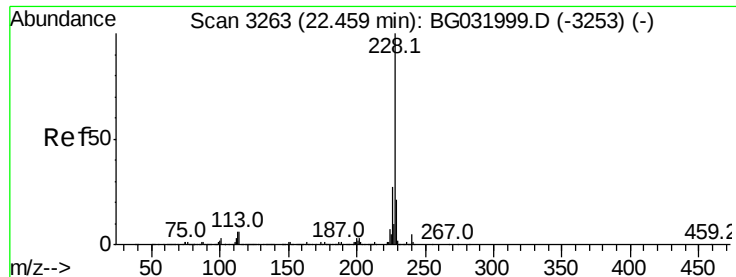


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.055 ng

RT: 22.47 min Scan# 3265

Delta R.T. 0.01 min

Lab File: BG032013.D

Acq: 12 Jan 2018 21:53

Instrument :

BNA\_G

ClientSampled :

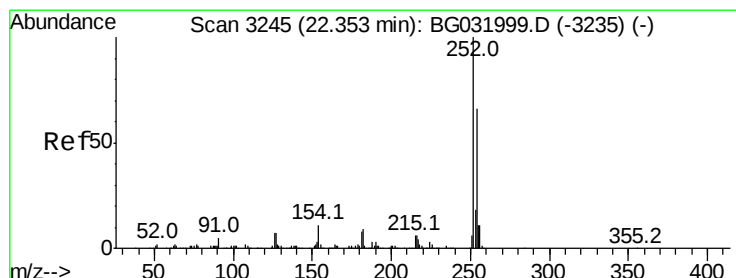
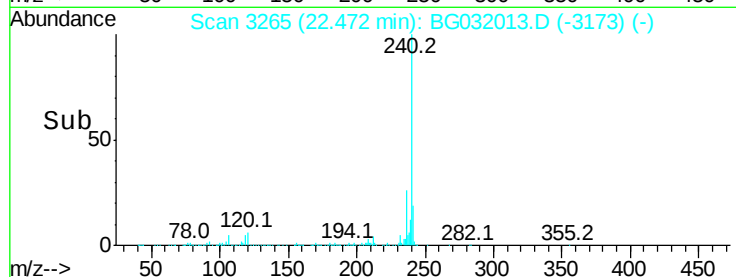
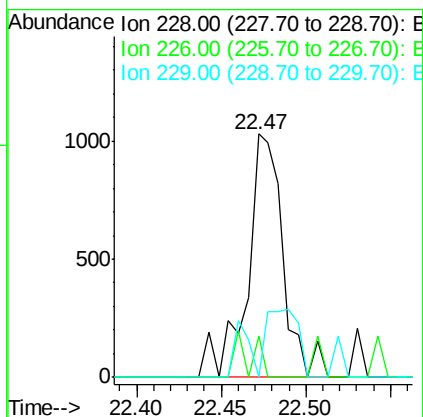
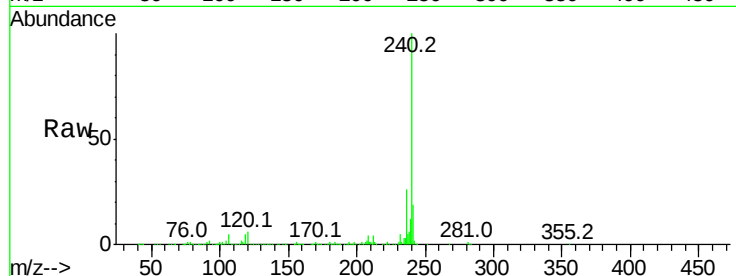
Tot Ion:228 Resp: 1528

Ion Ratio Lower Upper

228 100

226 16.8 22.7 34.1#

229 0.0 16.2 24.2#



#81

3,3'-Dichlorobenzidine

Concen: 0.013 ng

RT: 22.34 min Scan# 3242

Delta R.T. -0.02 min

Lab File: BG032013.D

Acq: 12 Jan 2018 21:53

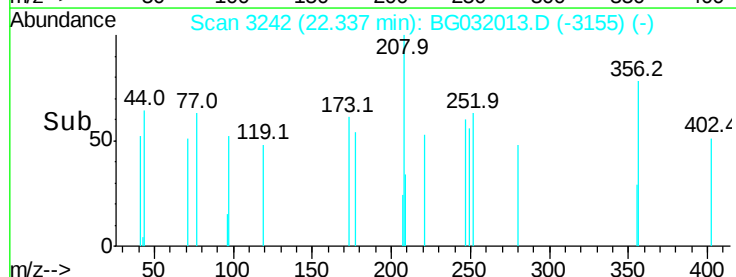
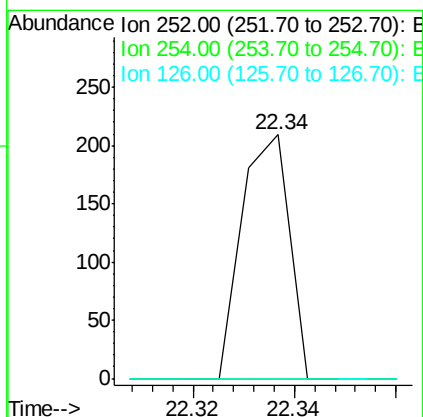
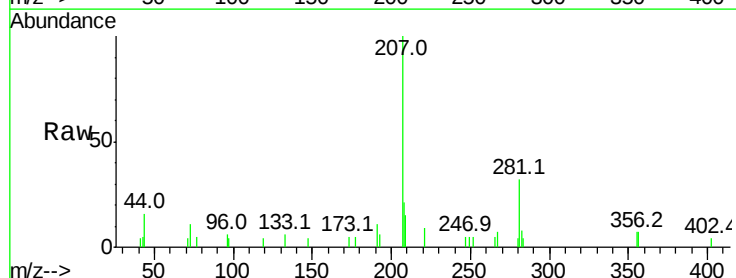
Tgt Ion:252 Resp: 138

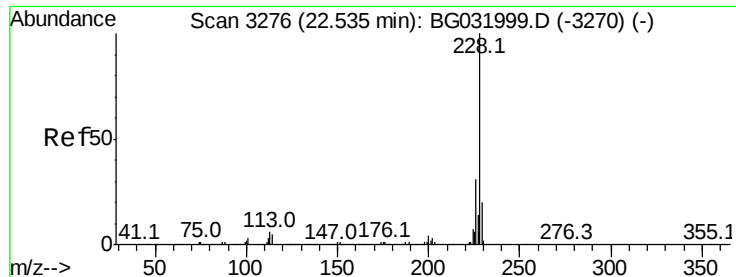
Ion Ratio Lower Upper

252 100

254 0.0 50.8 76.2#

126 0.0 7.4 11.2#





#82

Chrysene

Concen: 0.003 ng

RT: 22.53 min Scan# 3275

Delta R.T. -0.00 min

Lab File: BG032013.D

Acq: 12 Jan 2018 21:53

Instrument :

BNA\_G

ClientSampled :

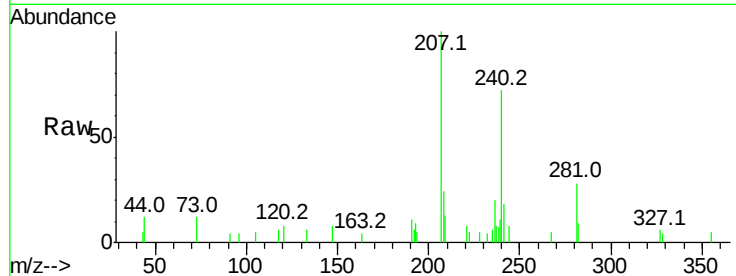
Tot Ion:228 Resp: 72

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

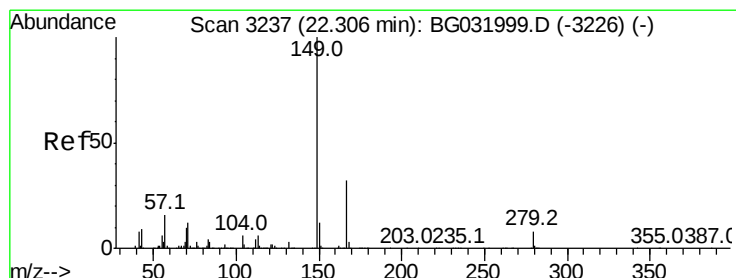
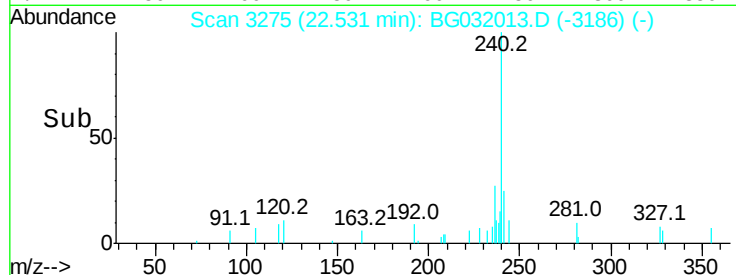
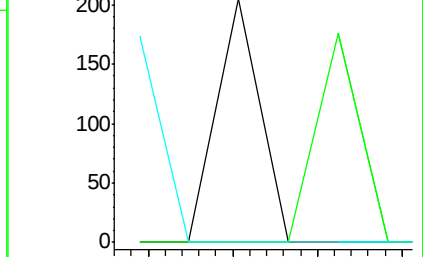
229 0.0 15.0 22.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.068 ng

RT: 22.29 min Scan# 3234

Delta R.T. -0.02 min

Lab File: BG032013.D

Acq: 12 Jan 2018 21:53

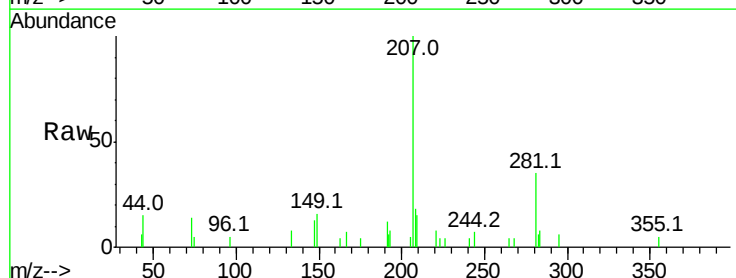
Tgt Ion:149 Resp: 1004

Ion Ratio Lower Upper

149 100

167 47.9 24.3 36.5#

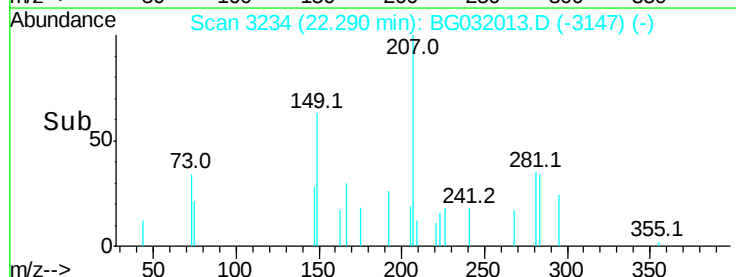
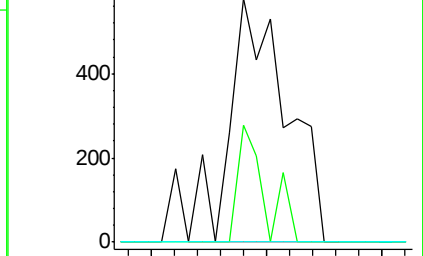
279 0.0 4.0 6.0#

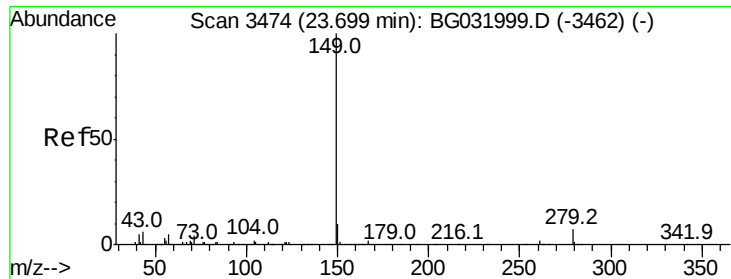


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

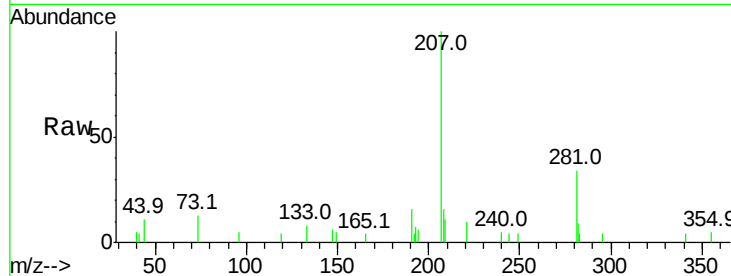




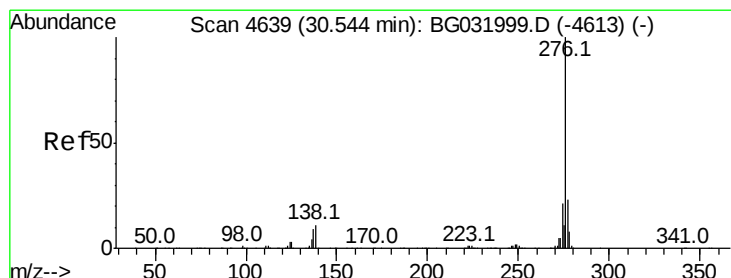
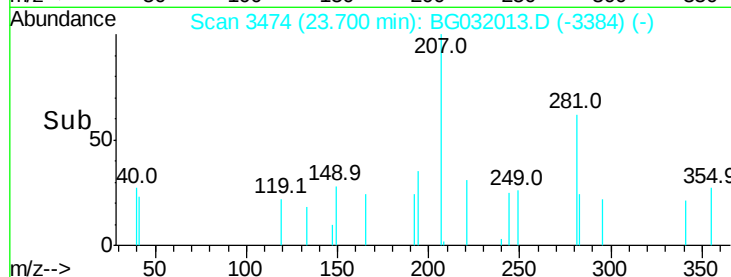
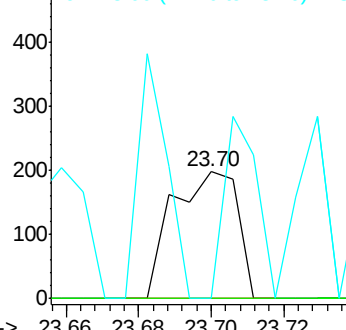
#84  
Di-n-octyl phthalate  
Concen: 0.010 ng  
RT: 23.70 min Scan# 3474  
Delta R.T. 0.00 min  
Lab File: BG032013.D  
Acq: 12 Jan 2018 21:53

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:149 Resp: 245  
Ion Ratio Lower Upper  
149 100  
167 0.0 1.4 2.0#  
43 72.7 8.9 13.3#

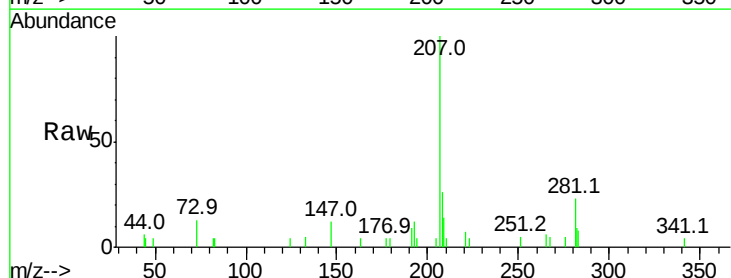


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BGC

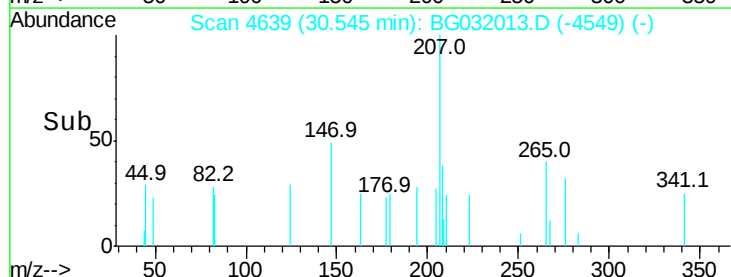
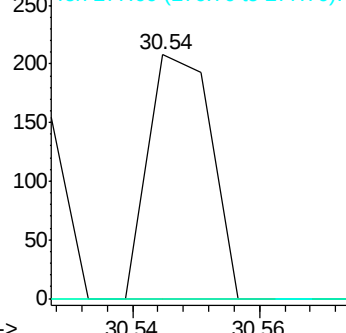


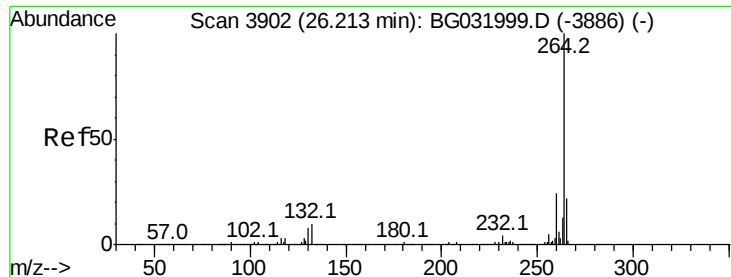
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 0.004 ng  
RT: 30.54 min Scan# 4639  
Delta R.T. 0.00 min  
Lab File: BG032013.D  
Acq: 12 Jan 2018 21:53

Tgt Ion:276 Resp: 141  
Ion Ratio Lower Upper  
276 100  
138 0.0 16.0 24.0#  
277 0.0 20.0 30.0#



Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E

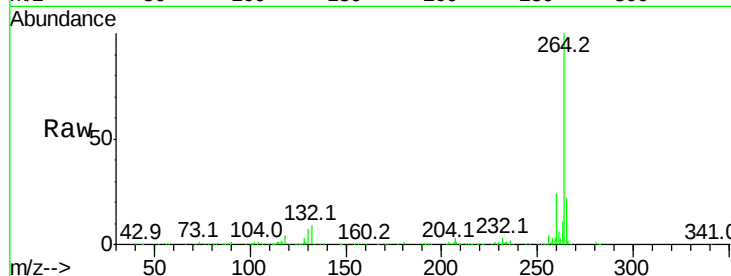




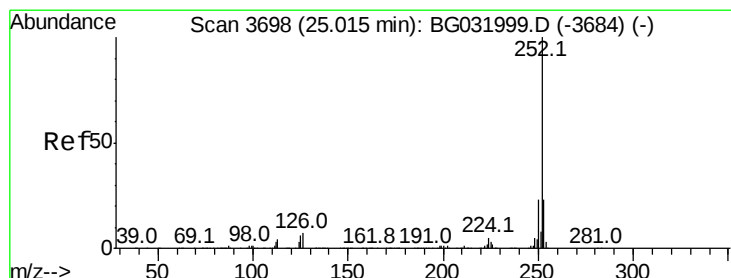
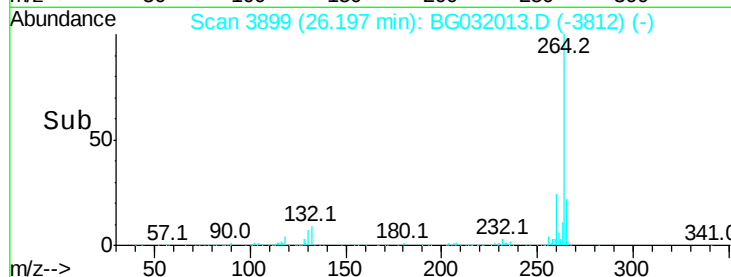
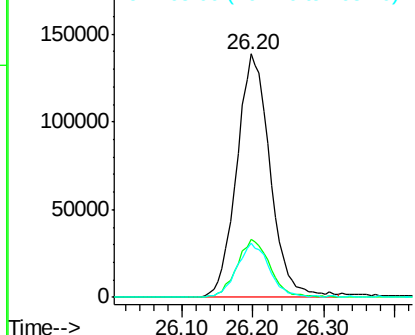
#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 26.20 min Scan# 3899  
Delta R.T. -0.02 min  
Lab File: BG032013.D  
Acq: 12 Jan 2018 21:53

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:264 Resp: 457618  
Ion Ratio Lower Upper  
264 100  
260 24.0 17.4 26.0  
265 22.0 17.7 26.5

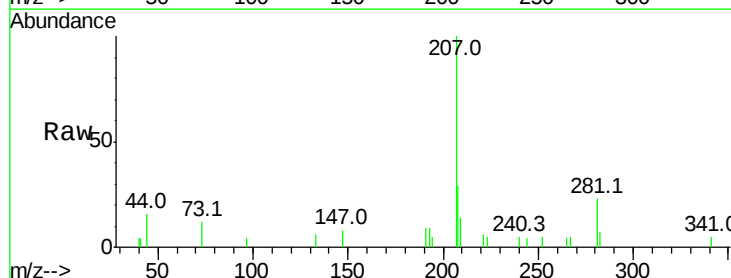


Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

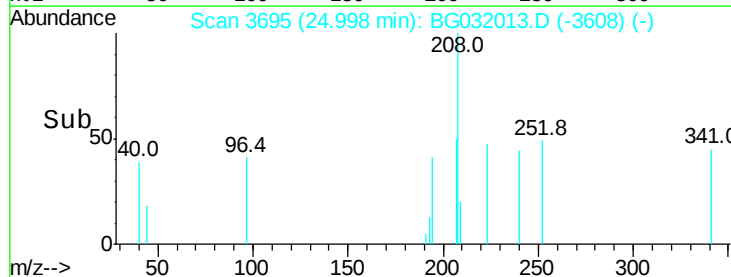
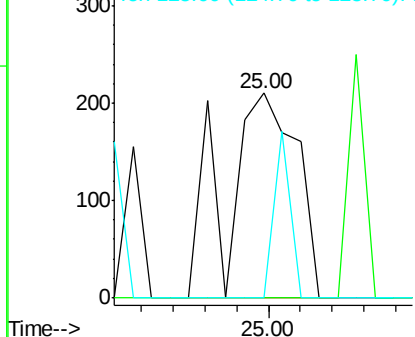


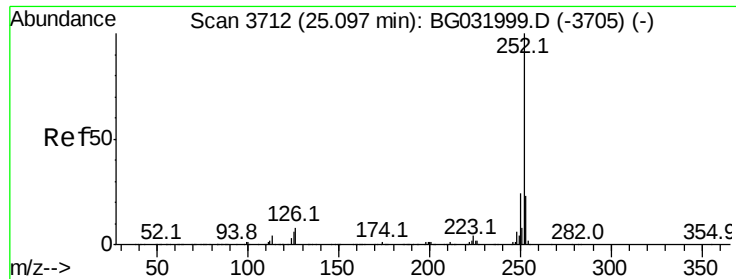
#87  
Benzo(b)fluoranthene  
Concen: 0.012 ng  
RT: 25.00 min Scan# 3695  
Delta R.T. -0.02 min  
Lab File: BG032013.D  
Acq: 12 Jan 2018 21:53

Tgt Ion:252 Resp: 326  
Ion Ratio Lower Upper  
252 100  
253 0.0 18.2 27.4#  
125 0.0 7.2 10.8#



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

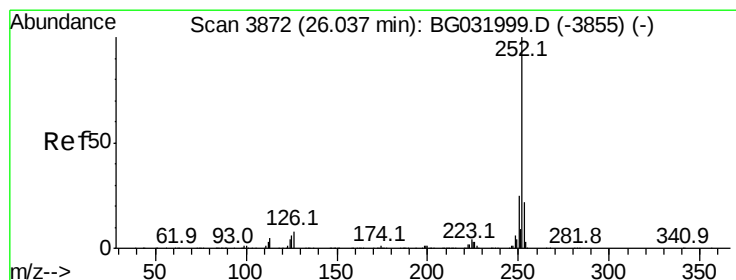
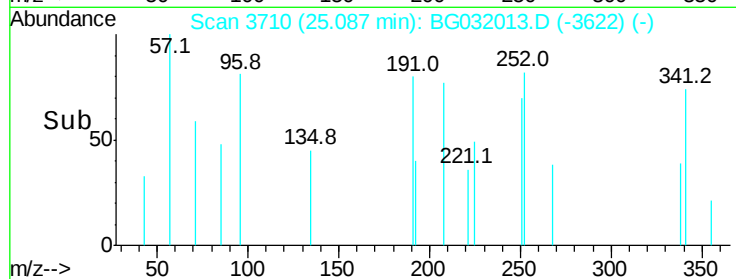
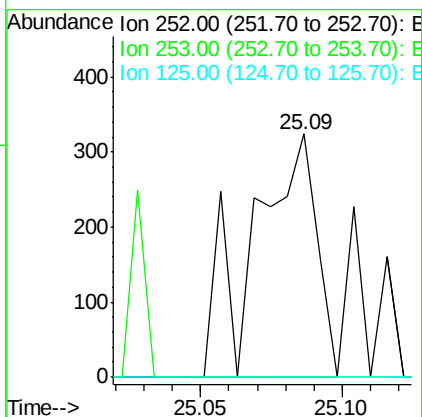
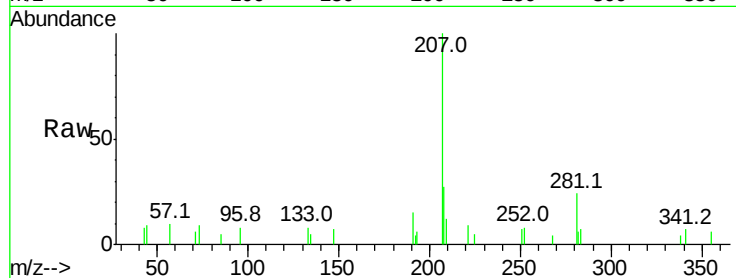




#88  
Benzo(k)fluoranthene  
Concen: 0.019 ng  
RT: 25.09 min Scan# 3710  
Delta R.T. -0.01 min  
Lab File: BG032013.D  
Acq: 12 Jan 2018 21:53

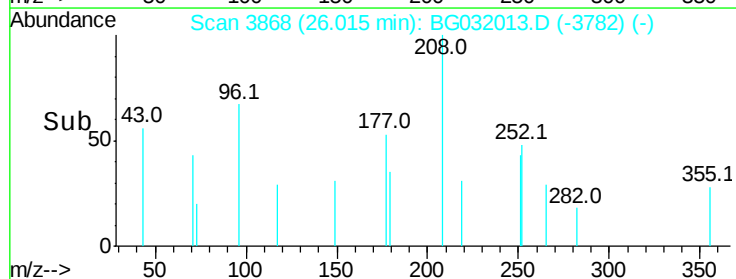
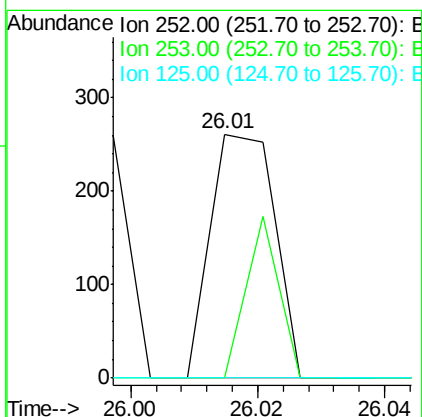
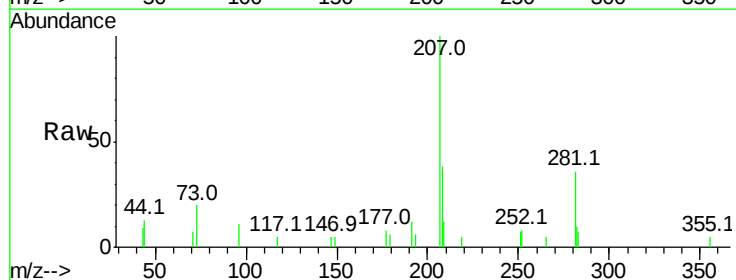
Instrument :  
BNA\_G  
ClientSampleId :

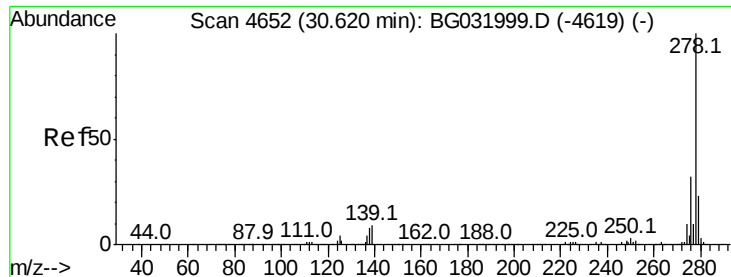
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 0.0   | 17.4  | 26.2# |
| 125     | 0.0   | 6.6   | 9.8#  |



#89  
Benzo(a)pyrene  
Concen: 0.007 ng  
RT: 26.01 min Scan# 3868  
Delta R.T. -0.02 min  
Lab File: BG032013.D  
Acq: 12 Jan 2018 21:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 0.0   | 18.3  | 27.5# |
| 125     | 0.0   | 7.3   | 10.9# |



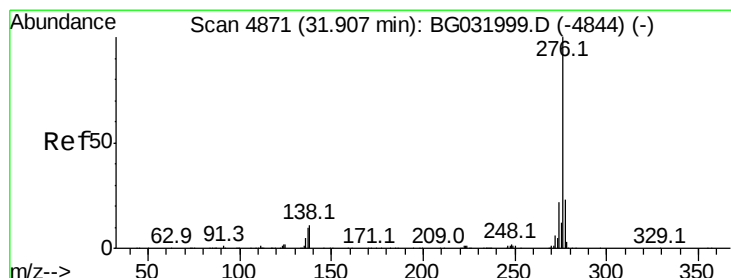
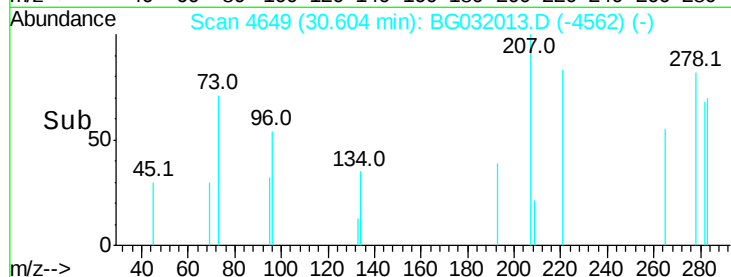
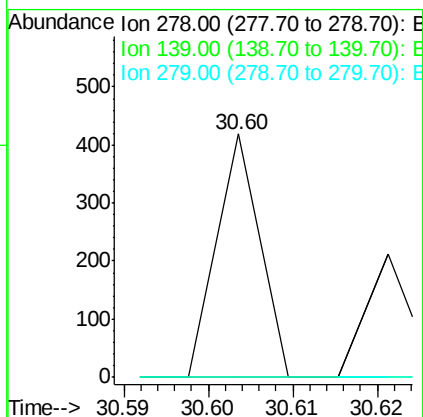
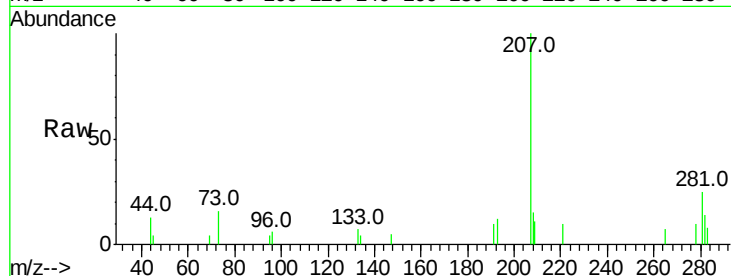


#90  
Dibenzo(a,h)anthracene  
Concen: 0.006 ng  
RT: 30.60 min Scan# 4649  
Delta R.T. -0.02 min  
Lab File: BG032013.D  
Acq: 12 Jan 2018 21:53

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:278 Resp: 148  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 0.0   | 9.8   | 14.6# |
| 279 | 0.0   | 18.4  | 27.6# |



#91  
Benzo(g,h,i)perylene  
Concen: 0.006 ng  
RT: 31.86 min Scan# 4863  
Delta R.T. -0.05 min  
Lab File: BG032013.D  
Acq: 12 Jan 2018 21:53

Tgt Ion:276 Resp: 158  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 0.0   | 18.3  | 27.5# |
| 138 | 0.0   | 13.9  | 20.9# |

