

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122217\  
 Data File : BG031747.D  
 Acq On : 23 Dec 2017 13:55  
 Operator : SJ/JU  
 Sample : I6677-10MSD  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-02-122117-AMSD

Quant Time: Dec 25 04:46:43 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 | 8.83  | 152  | 52947    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.71 | 136  | 216452   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 15.46 | 164  | 148423   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 18.20 | 188  | 359074   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 22.56 | 240  | 408183   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 26.34 | 264  | 448391   | 20.00 | ng    | -0.02    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 6.24  | 112  | 460596   | 158.45 | ng    | 0.00     |
| 7) Phenol-d6                | 7.93  | 99   | 539761   | 143.01 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 10.03 | 82   | 339037   | 118.28 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 16.94 | 330  | 400603   | 176.89 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 14.09 | 172  | 1172803  | 99.18  | ng    | 0.00     |
| 78) Terphenyl-d14           | 20.73 | 244  | 1924243  | 107.70 | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.90  | 88   | 40551    | 37.631 | ng    | # 75   |
| 3) Pyridine                    | 4.36  | 79   | 103524   | 35.941 | ng    | # 77   |
| 4) n-Nitrosodimethylamine      | 4.25  | 42   | 49744    | 42.797 | ng    | # 84   |
| 6) Aniline                     | 8.12  | 93   | 51352    | 10.575 | ng    | # 94   |
| 8) 2-Chlorophenol              | 8.37  | 128  | 171786   | 50.945 | ng    | # 78   |
| 9) Benzaldehyde                | 8.34  | 77   | 11706    | 5.151  | ng    | # 95   |
| 10) Phenol                     | 7.96  | 94   | 169261   | 44.420 | ng    | # 93   |
| 11) bis(2-Chloroethyl)ether    | 8.21  | 93   | 139270   | 44.010 | ng    | # 78   |
| 12) 1,3-Dichlorobenzene        | 8.71  | 146  | 187882   | 44.868 | ng    | # 93   |
| 13) 1,4-Dichlorobenzene        | 8.87  | 146  | 193232   | 45.173 | ng    | # 96   |
| 14) 1,2-Dichlorobenzene        | 9.19  | 146  | 185172   | 45.686 | ng    | # 95   |
| 15) Benzyl Alcohol             | 9.06  | 79   | 137202   | 48.425 | ng    | # 89   |
| 16) 2,2'-oxybis(1-Chloropropan | 9.36  | 45   | 137158   | 53.222 | ng    | # 83   |
| 17) 2-Methylphenol             | 9.26  | 107  | 133417   | 48.935 | ng    | # 95   |
| 18) Hexachloroethane           | 9.96  | 117  | 60401    | 46.622 | ng    | # 89   |
| 19) n-Nitroso-di-n-propylamine | 9.65  | 70   | 106623   | 41.366 | ng    | # 80   |
| 20) 3+4-Methylphenols          | 9.59  | 107  | 183191   | 47.276 | ng    | # 94   |
| 22) Acetophenone               | 9.67  | 105  | 244605   | 48.641 | ng    | # 86   |
| 24) Nitrobenzene               | 10.07 | 77   | 153637   | 52.005 | ng    | # 81   |
| 25) Isophorone                 | 10.60 | 82   | 305122   | 49.447 | ng    | # 84   |
| 26) 2-Nitrophenol              | 10.80 | 139  | 99034    | 63.935 | ng    | # 81   |
| 27) 2,4-Dimethylphenol         | 10.83 | 122  | 177516   | 54.462 | ng    | # 91   |
| 28) bis(2-Chloroethoxy)methane | 11.07 | 93   | 192436   | 46.477 | ng    | # 96   |
| 29) 2,4-Dichlorophenol         | 11.34 | 162  | 206427   | 53.947 | ng    | # 90   |
| 30) 1,2,4-Trichlorobenzene     | 11.57 | 180  | 222397   | 47.601 | ng    | # 98   |
| 31) Naphthalene                | 11.77 | 128  | 549134   | 50.269 | ng    | # 99   |
| 32) Benzoic acid               | 10.91 | 122  | 27139    | 17.201 | ng    | # 66   |
| 33) 4-Chloroaniline            | 11.86 | 127  | 22946    | 4.718  | ng    | # 88   |
| 34) Hexachlorobutadiene        | 12.03 | 225  | 149690   | 46.668 | ng    | # 98   |
| 35) Caprolactam                | 12.61 | 113  | 48920    | 42.177 | ng    | # 42   |
| 36) 4-Chloro-3-methylphenol    | 12.93 | 107  | 181962   | 51.489 | ng    | # 78   |
| 37) 2-Methylnaphthalene        | 13.32 | 142  | 432235   | 48.809 | ng    | # 92   |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.68 | 216  | 296121   | 47.366 | ng    | # 97   |
| 40) Hexachlorocyclopentadiene  | 13.65 | 237  | 328353   | 99.561 | ng    | # 92   |

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 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

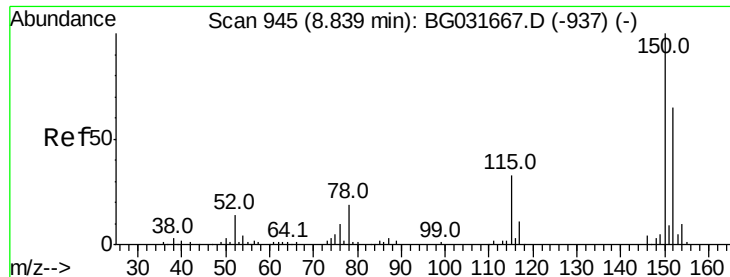
Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-02-122117-AMSD

Quant Time: Dec 25 04:46:43 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  | 190122   | 52.746 | ng    | 98       |
| 43) 2,4,5-Trichlorophenol      | 13.97 | 196  | 204420   | 51.175 | ng    | # 90     |
| 45) 1,1'-Biphenyl              | 14.30 | 154  | 611444   | 48.233 | ng    | 96       |
| 46) 2-Chloronaphthalene        | 14.35 | 162  | 464959   | 48.086 | ng    | 96       |
| 47) 2-Nitroaniline             | 14.53 | 65   | 94136    | 56.370 | ng    | # 59     |
| 48) Acenaphthylene             | 15.19 | 152  | 694844   | 44.918 | ng    | 99       |
| 49) Dimethylphthalate          | 14.89 | 163  | 608744   | 46.556 | ng    | # 99     |
| 50) 2,6-Dinitrotoluene         | 15.02 | 165  | 136748   | 56.851 | ng    | # 65     |
| 51) Acenaphthene               | 15.52 | 154  | 451300   | 44.546 | ng    | 100      |
| 52) 3-Nitroaniline             | 15.35 | 138  | 37751    | 16.086 | ng    | # 71     |
| 53) 2,4-Dinitrophenol          | 15.54 | 184  | 23272    | 28.234 | ng    | # 1      |
| 54) Dibenzofuran               | 15.85 | 168  | 733341   | 47.221 | ng    | 99       |
| 55) 4-Nitrophenol              | 15.62 | 139  | 172687   | 90.409 | ng    | # 72     |
| 56) 2,4-Dinitrotoluene         | 15.79 | 165  | 188231   | 60.857 | ng    | # 63     |
| 57) Fluorene                   | 16.50 | 166  | 584929   | 46.364 | ng    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 16.06 | 232  | 209844   | 53.844 | ng    | # 84     |
| 59) Diethylphthalate           | 16.24 | 149  | 574875   | 45.109 | ng    | 96       |
| 60) 4-Chlorophenyl-phenylether | 16.48 | 204  | 356039   | 46.123 | ng    | 92       |
| 61) 4-Nitroaniline             | 16.50 | 138  | 90334    | 39.446 | ng    | 79       |
| 62) Azobenzene                 | 16.77 | 77   | 375847   | 45.986 | ng    | 82       |
| 64) 4,6-Dinitro-2-methylphenol | 16.55 | 198  | 29606    | 22.321 | ng    | # 69     |
| 65) n-Nitrosodiphenylamine     | 16.69 | 169  | 549361   | 46.065 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 17.37 | 248  | 258964   | 49.874 | ng    | 93       |
| 67) Hexachlorobenzene          | 17.50 | 284  | 266796   | 50.263 | ng    | # 90     |
| 68) Atrazine                   | 17.61 | 200  | 233873   | 50.434 | ng    | 98       |
| 69) Pentachlorophenol          | 17.83 | 266  | 189057   | 51.783 | ng    | 98       |
| 70) Phenanthrene               | 18.24 | 178  | 977631   | 48.110 | ng    | 99       |
| 71) Anthracene                 | 18.33 | 178  | 995250   | 48.552 | ng    | 99       |
| 72) Carbazole                  | 18.58 | 167  | 854542   | 47.100 | ng    | 99       |
| 73) Di-n-butylphthalate        | 19.10 | 149  | 960061   | 47.615 | ng    | 99       |
| 74) Fluoranthene               | 20.20 | 202  | 1186087  | 47.569 | ng    | 96       |
| 76) Benzidine                  | 20.35 | 184  | 185780   | 14.746 | ng    | 99       |
| 77) Pyrene                     | 20.56 | 202  | 1206205  | 46.262 | ng    | 97       |
| 79) Butylbenzylphthalate       | 21.43 | 149  | 427895   | 48.887 | ng    | # 74     |
| 80) Benzo(a)anthracene         | 22.54 | 228  | 1238312  | 47.692 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 22.42 | 252  | 108391   | 10.767 | ng    | # 98     |
| 82) Chrysene                   | 22.61 | 228  | 1166275  | 47.473 | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 22.39 | 149  | 604069   | 47.636 | ng    | # 97     |
| 84) Di-n-octyl phthalate       | 23.81 | 149  | 1048726  | 49.106 | ng    | # 87     |
| 85) Indeno(1,2,3-cd)pyrene     | 30.75 | 276  | 1631002  | 51.749 | ng    | # 86     |
| 87) Benzo(b)fluoranthene       | 25.13 | 252  | 1335946  | 47.998 | ng    | # 97     |
| 88) Benzo(k)fluoranthene       | 25.21 | 252  | 1323285  | 47.506 | ng    | # 96     |
| 89) Benzo(a)pyrene             | 26.17 | 252  | 1318071  | 49.446 | ng    | # 96     |
| 90) Dibenzo(a,h)anthracene     | 30.85 | 278  | 1351557  | 49.093 | ng    | # 94     |
| 91) Benzo(g,h,i)perylene       | 30.75 | 276  | 1631002  | 50.178 | ng    | # 94     |

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



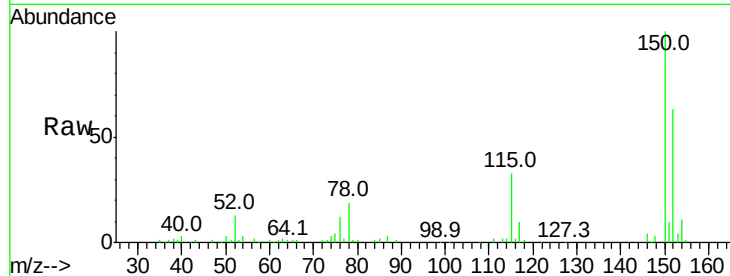


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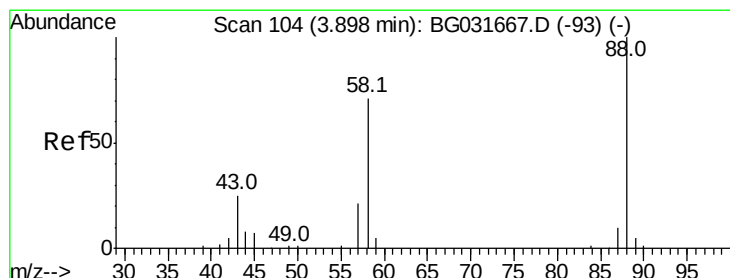
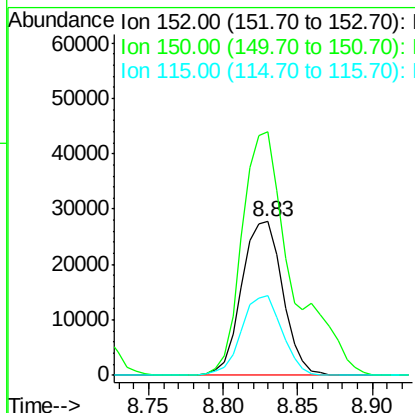
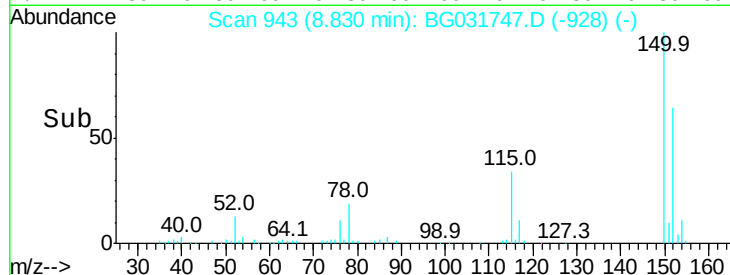
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.83 min Scan# 943  
 Delta R.T. -0.01 min  
 Lab File: BG031747.D  
 Acq: 23 Dec 2017 13:55

Instrument :  
 BNA\_G  
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 OR-02-122117-AMSD

Tot Ion:152 Resp: 52947  
 Ion Ratio Lower Upper  
 152 100  
 150 158.6 126.6 189.8  
 115 52.3 53.0 79.4#



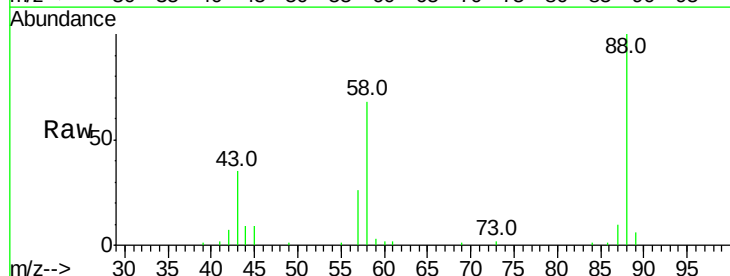
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



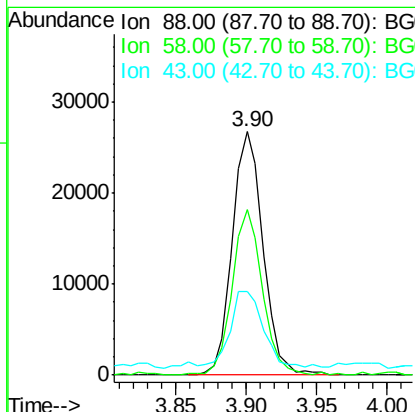
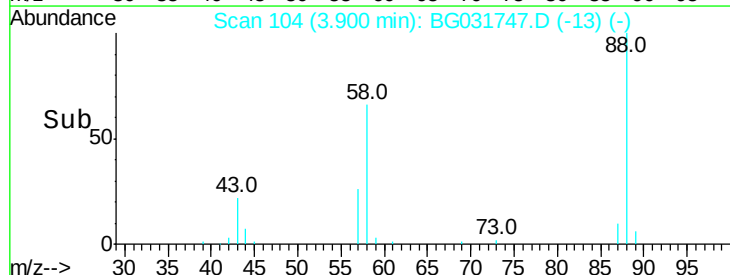
#2

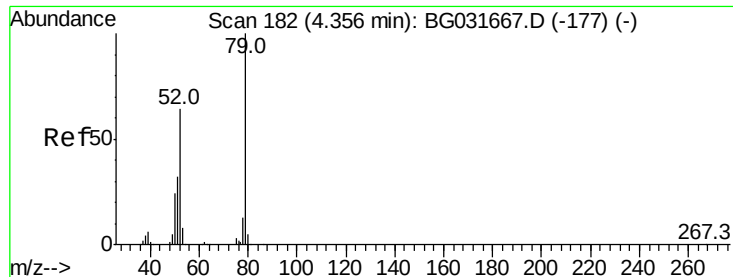
1,4-Dioxane  
 Concen: 37.631 ng  
 RT: 3.90 min Scan# 104  
 Delta R.T. 0.00 min  
 Lab File: BG031747.D  
 Acq: 23 Dec 2017 13:55

Tgt Ion: 88 Resp: 40551  
 Ion Ratio Lower Upper  
 88 100  
 58 66.8 79.6 119.4#  
 43 35.4 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: 35.941 ng

RT: 4.36 min Scan# 182

Delta R.T. 0.00 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

Instrument :

BNA\_G

ClientSampleId :

OR-02-122117-AMSD

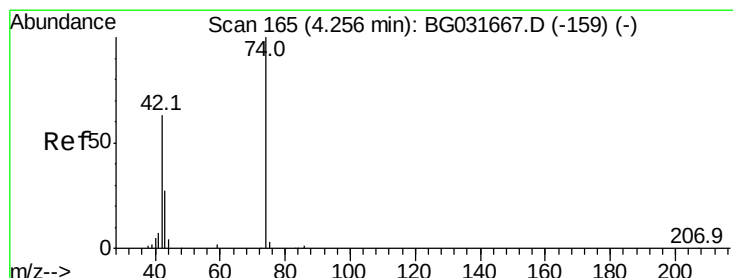
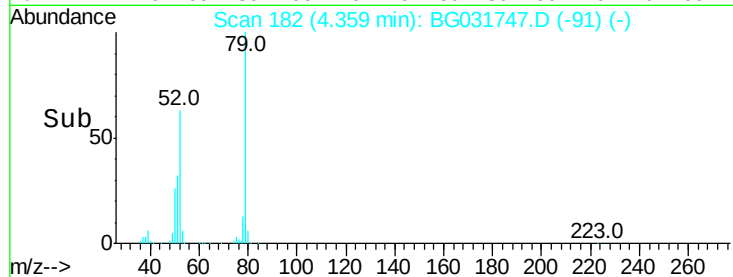
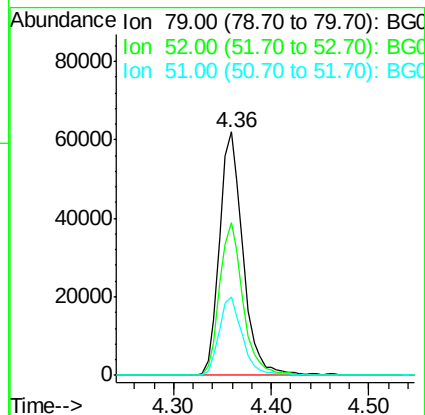
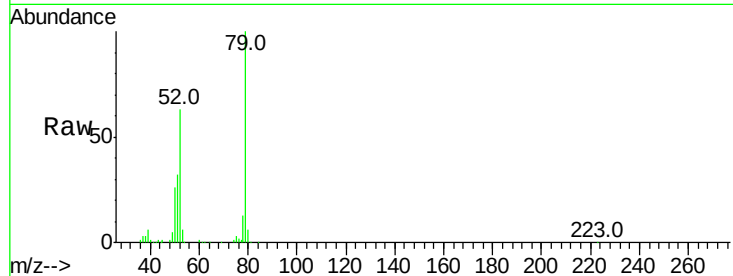
Tot Ion: 79 Resp: 103524

Ion Ratio Lower Upper

79 100

52 62.5 69.9 104.9#

51 32.1 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 42.797 ng

RT: 4.25 min Scan# 164

Delta R.T. -0.00 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

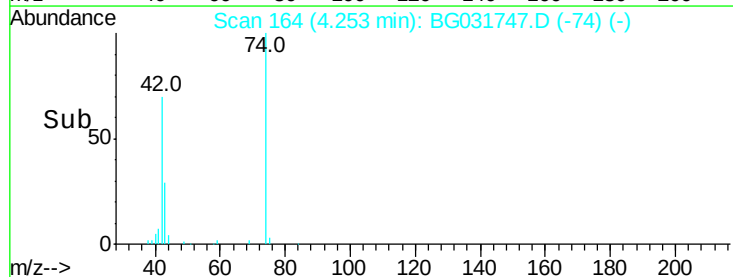
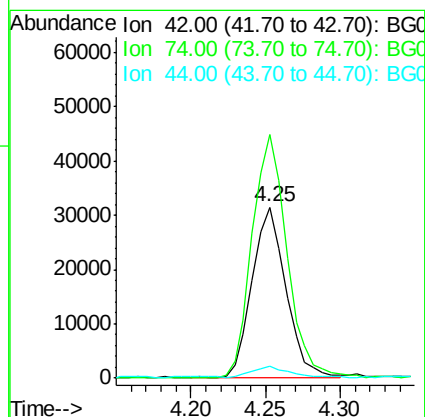
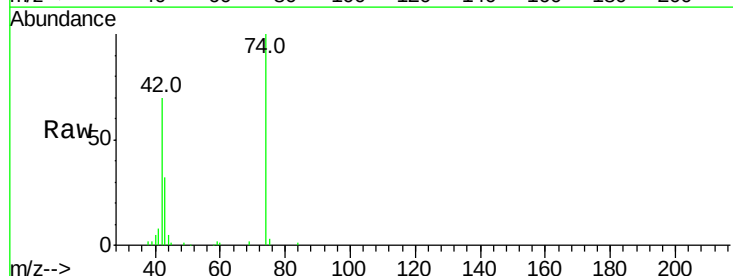
Tgt Ion: 42 Resp: 49744

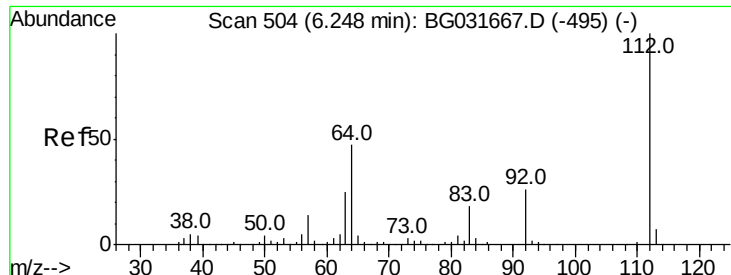
Ion Ratio Lower Upper

42 100

74 142.3 102.5 153.7

44 6.6 18.9 28.3#





#5

2-Fluorophenol

Concen: 158.446 ng

RT: 6.24 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

Instrument :

BNA\_G

ClientSampleId :

OR-02-122117-AMSD

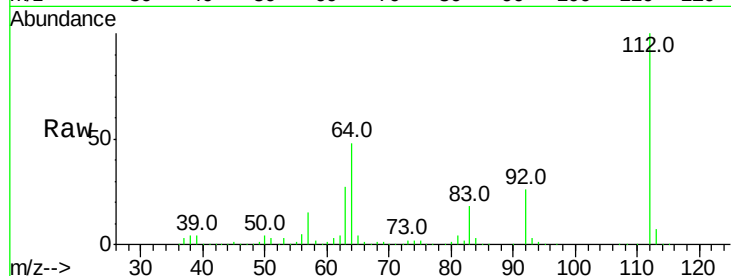
Tot Ion:112 Resp: 460596

Ion Ratio Lower Upper

112 100

64 48.1 56.3 84.5#

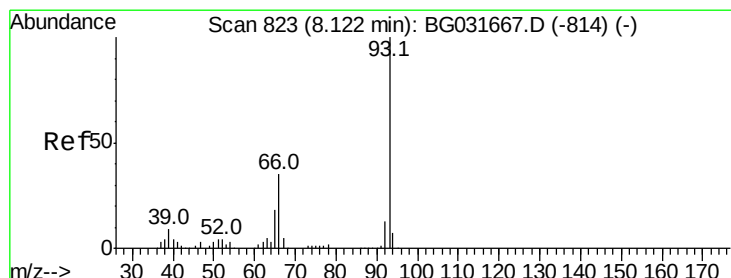
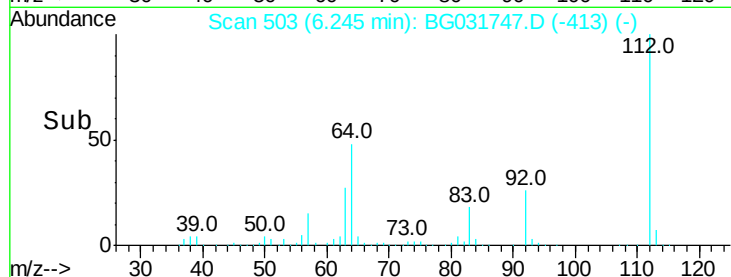
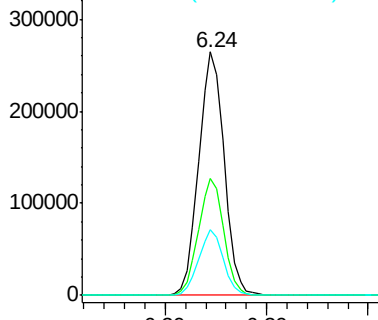
63 26.9 30.1 45.1#



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: 10.575 ng

RT: 8.12 min Scan# 822

Delta R.T. -0.00 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

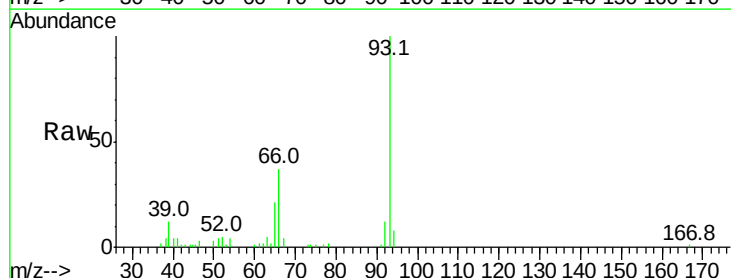
Tgt Ion: 93 Resp: 51352

Ion Ratio Lower Upper

93 100

66 37.4 33.7 50.5

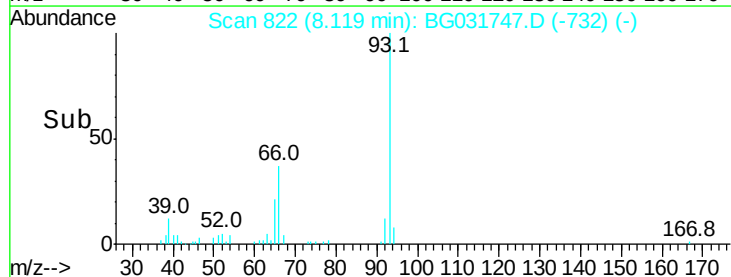
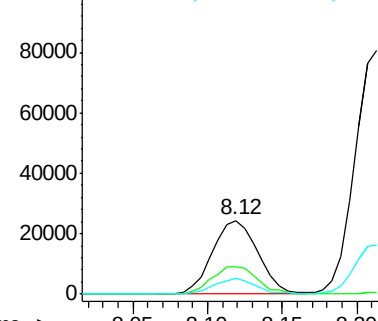
65 20.9 16.1 24.1

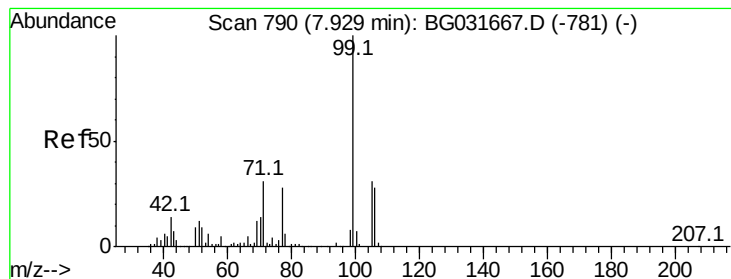


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 143.013 ng

RT: 7.93 min Scan# 790

Delta R.T. 0.00 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

Instrument :

BNA\_G

ClientSampleId :

OR-02-122117-AMSD

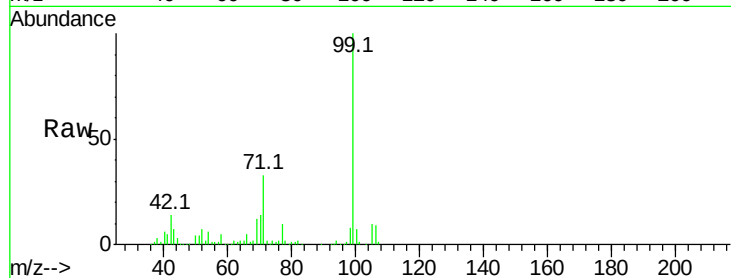
Tot Ion: 99 Resp: 539761

Ion Ratio Lower Upper

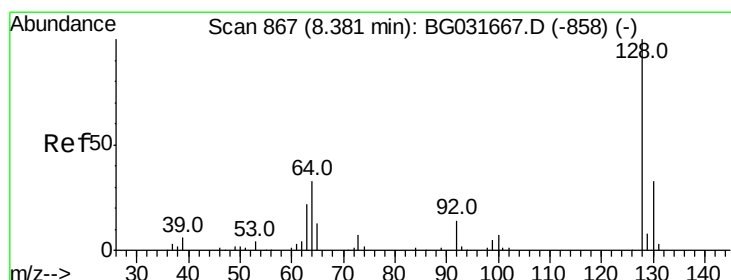
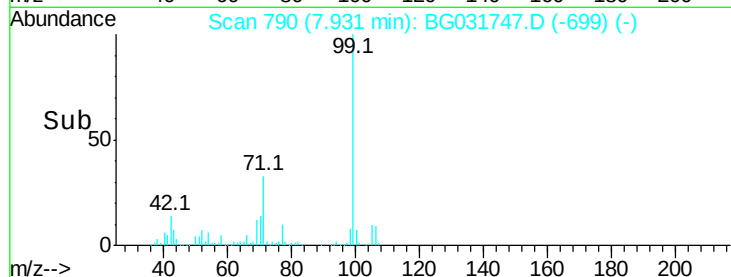
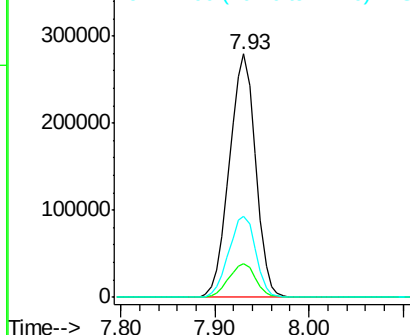
99 100

42 13.7 14.1 21.1#

71 33.3 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: 50.945 ng

RT: 8.37 min Scan# 865

Delta R.T. -0.01 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

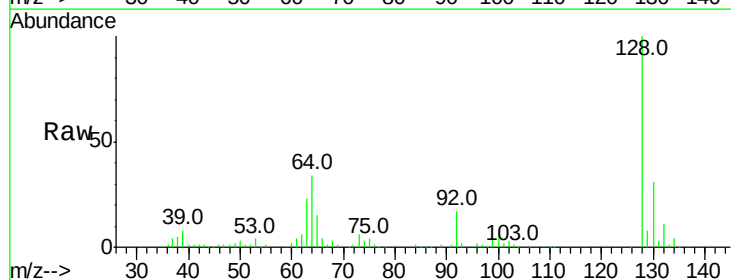
Tgt Ion: 128 Resp: 171786

Ion Ratio Lower Upper

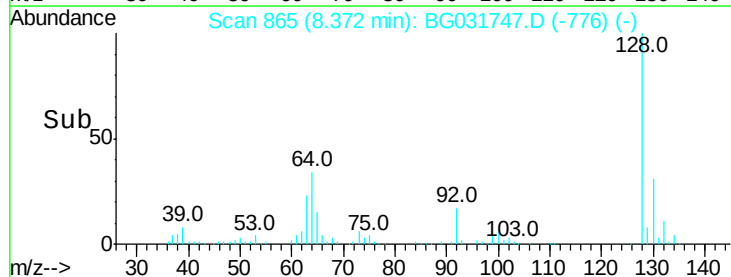
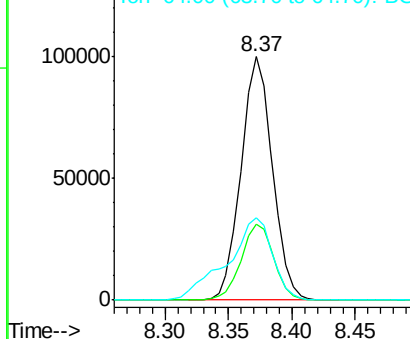
128 100

130 31.0 14.0 54.0

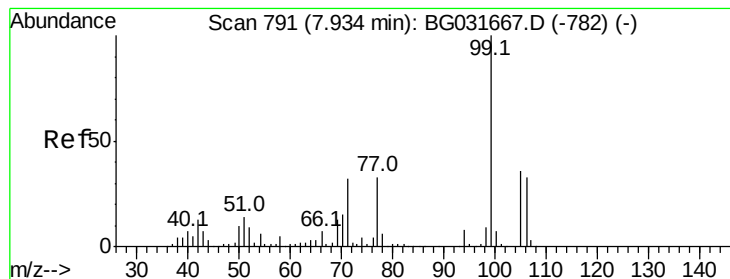
64 33.7 37.7 77.7#



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: 5.151 ng

RT: 8.34 min Scan# 860

Delta R.T. 0.41 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

Instrument :

BNA\_G

ClientSampleId :

OR-02-122117-AMSD

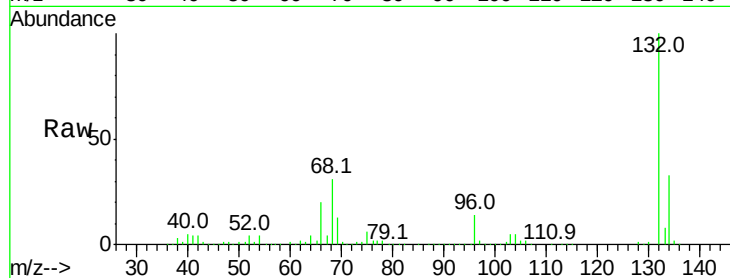
Tot Ion: 77 Resp: 11706

Ion Ratio Lower Upper

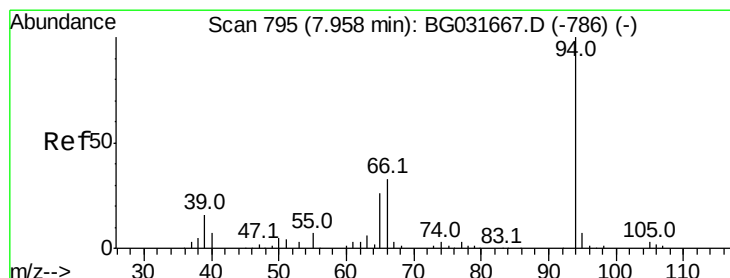
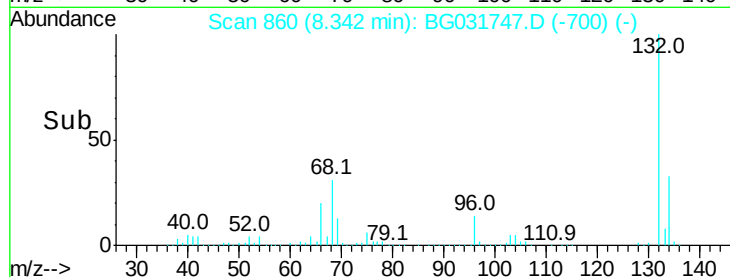
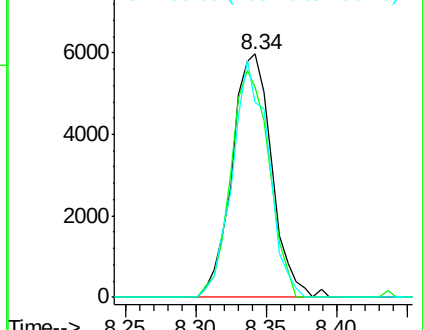
77 100

105 86.5 71.3 111.3

106 80.1 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: 44.420 ng

RT: 7.96 min Scan# 795

Delta R.T. 0.00 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

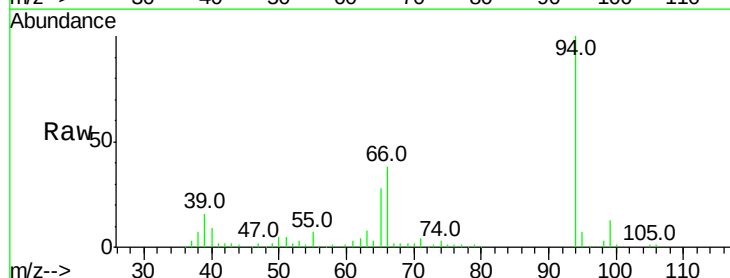
Tgt Ion: 94 Resp: 169261

Ion Ratio Lower Upper

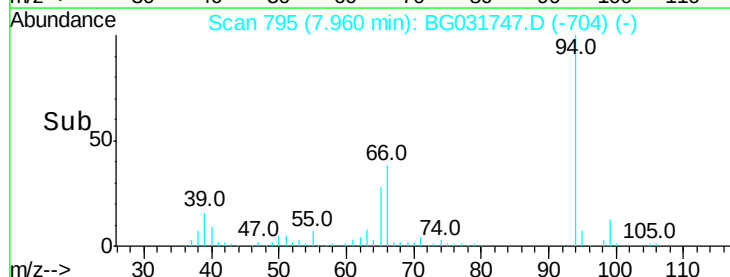
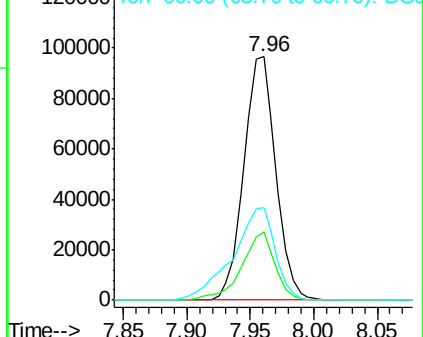
94 100

65 28.2 11.9 51.9

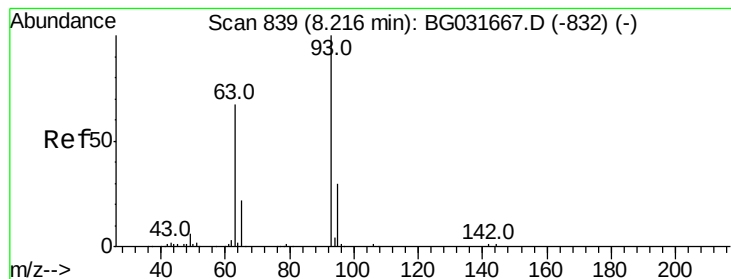
66 38.1 22.2 62.2



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



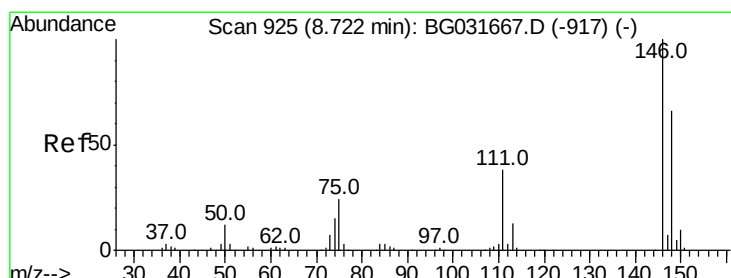
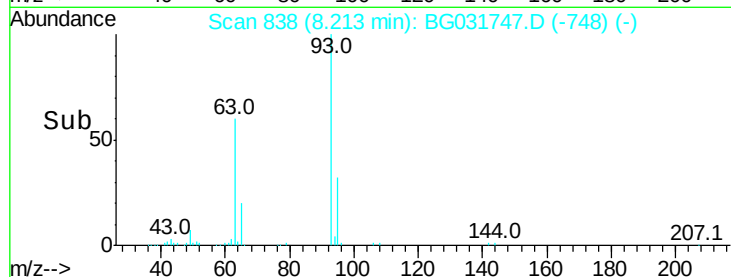
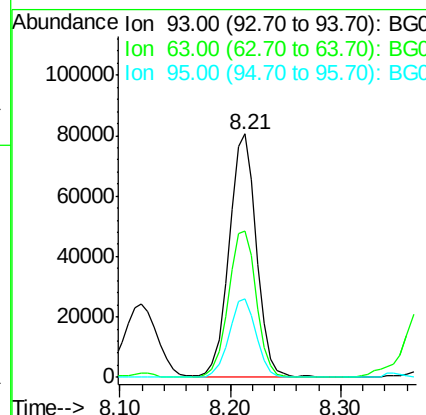
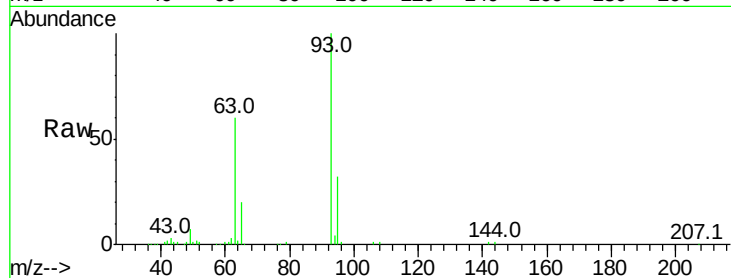




#11  
bis(2-Chloroethyl)ether  
Concen: 44.010 ng  
RT: 8.21 min Scan# 838  
Delta R.T. -0.00 min  
Lab File: BG031747.D  
Acq: 23 Dec 2017 13:55

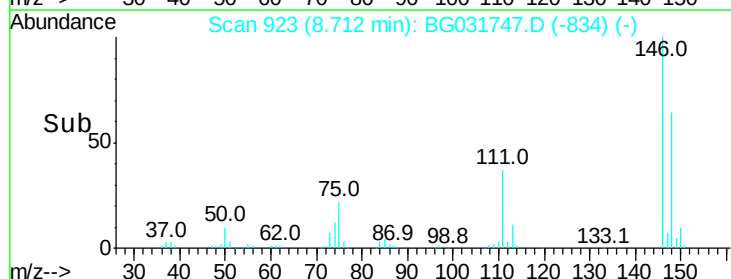
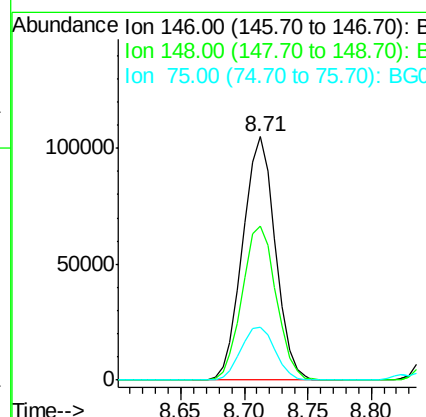
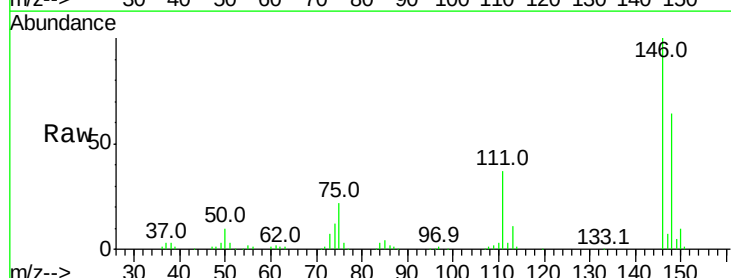
Instrument :  
BNA\_G  
ClientSampleId :  
OR-02-122117-AMSD

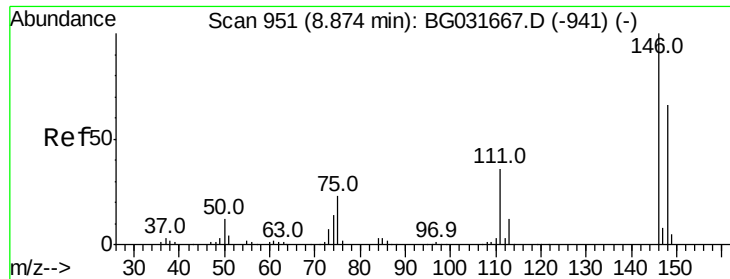
Tot Ion: 93 Resp: 139270  
Ion Ratio Lower Upper  
93 100  
63 60.1 67.1 107.1#  
95 32.1 11.5 51.5



#12  
1,3-Dichlorobenzene  
Concen: 44.868 ng  
RT: 8.71 min Scan# 923  
Delta R.T. -0.01 min  
Lab File: BG031747.D  
Acq: 23 Dec 2017 13:55

Tgt Ion: 146 Resp: 187882  
Ion Ratio Lower Upper  
146 100  
148 63.5 51.4 77.2  
75 21.9 26.6 39.8#

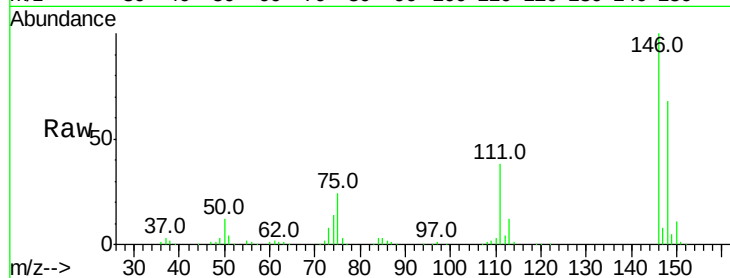




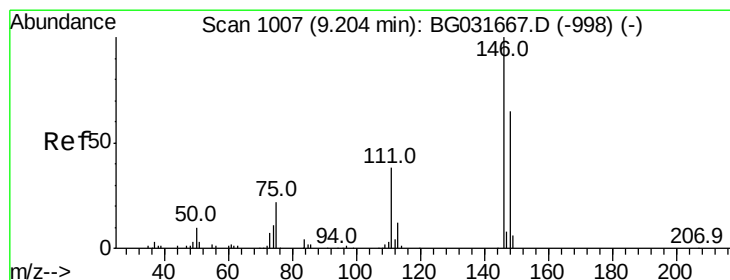
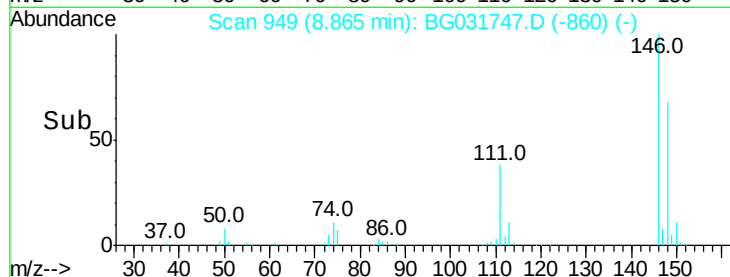
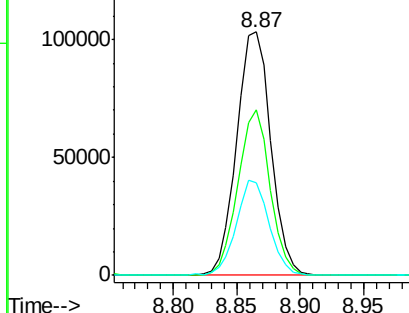
#13  
 1,4-Dichlorobenzene  
 Concen: 45.173 ng  
 RT: 8.87 min Scan# 949  
 Delta R.T. -0.01 min  
 Lab File: BG031747.D  
 Acq: 23 Dec 2017 13:55

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-02-122117-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 67.9  | 53.7  | 80.5  |
| 111     | 38.1  | 35.2  | 52.8  |

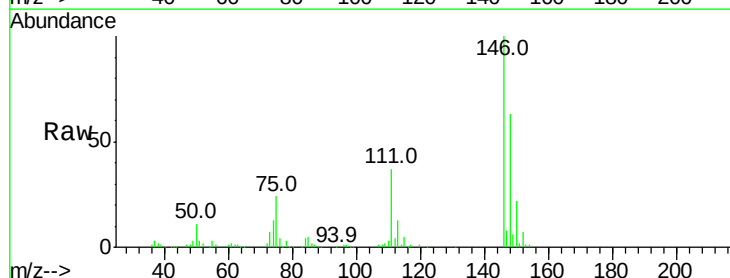


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

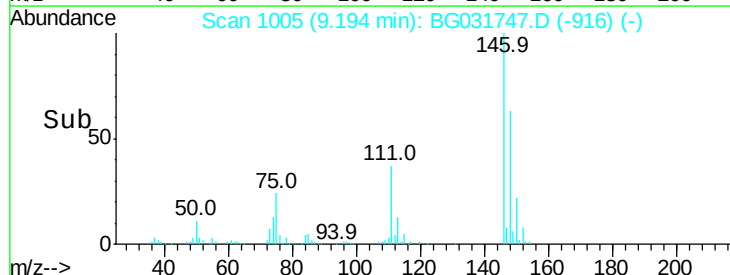
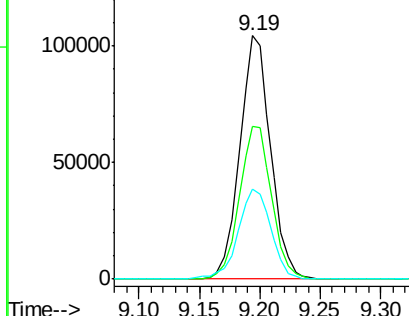


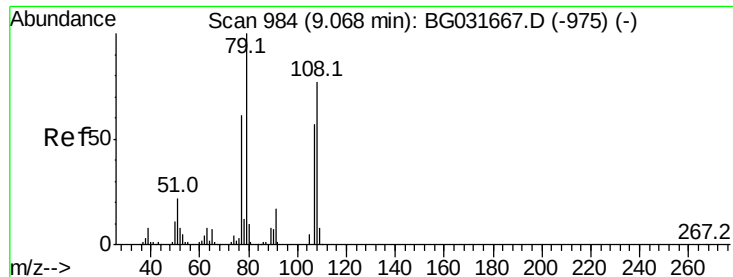
#14  
 1,2-Dichlorobenzene  
 Concen: 45.686 ng  
 RT: 9.19 min Scan# 1005  
 Delta R.T. -0.01 min  
 Lab File: BG031747.D  
 Acq: 23 Dec 2017 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.6  | 49.3  | 73.9  |
| 111     | 36.8  | 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

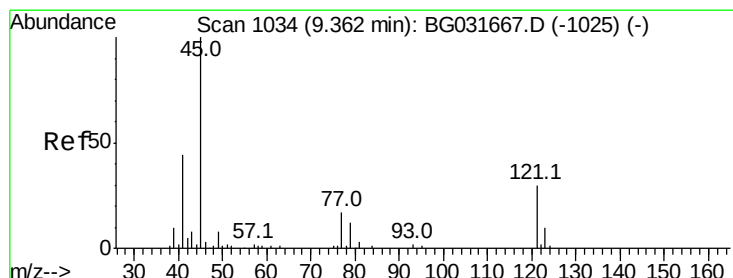
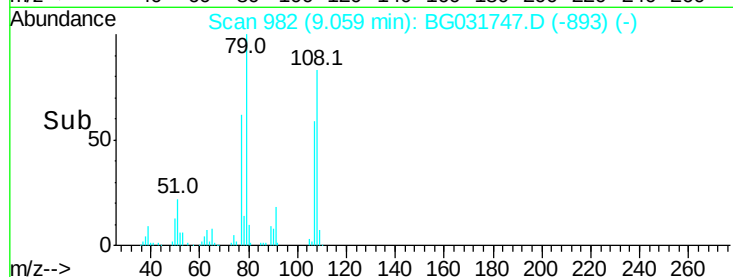
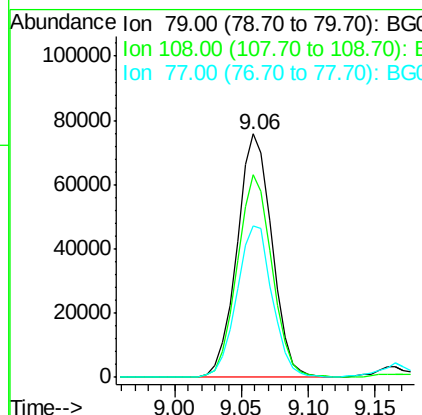
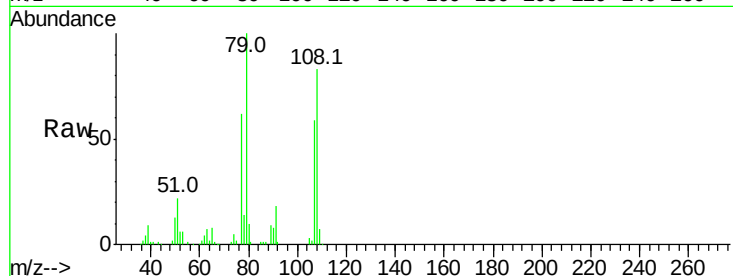




#15  
Benzyl Alcohol  
Concen: 48.425 ng  
RT: 9.06 min Scan# 982  
Delta R.T. -0.01 min  
Lab File: BG031747.D  
Acq: 23 Dec 2017 13:55

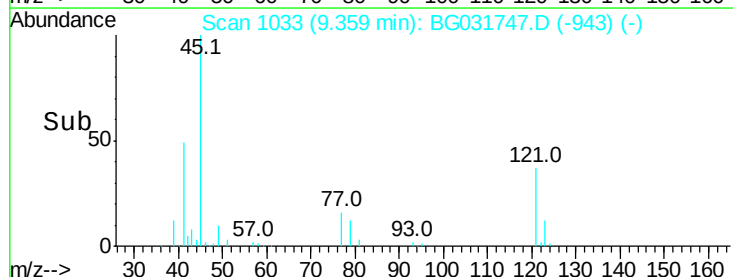
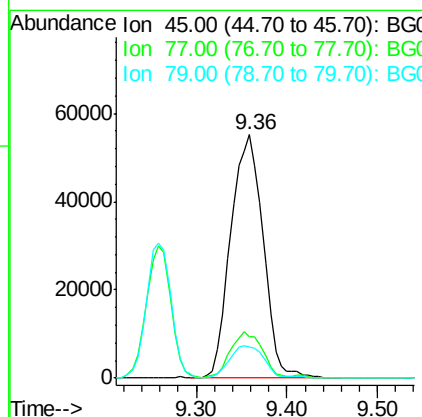
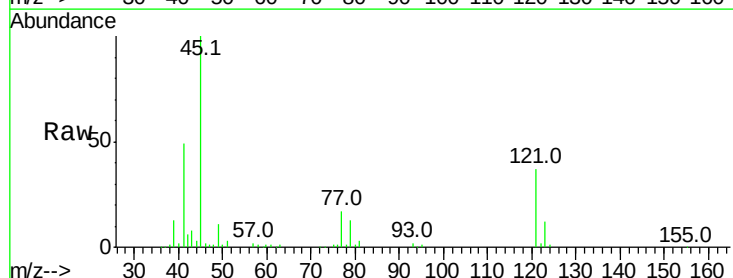
Instrument :  
BNA\_G  
ClientSampleId :  
OR-02-122117-AMSD

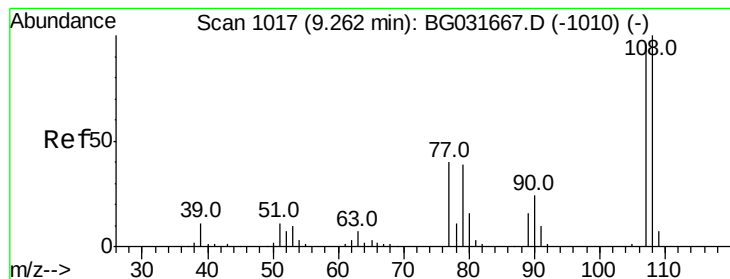
Tot Ion: 79 Resp: 137202  
Ion Ratio Lower Upper  
79 100  
108 83.4 57.2 85.8  
77 62.2 46.1 69.1



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 53.222 ng  
RT: 9.36 min Scan# 1033  
Delta R.T. -0.00 min  
Lab File: BG031747.D  
Acq: 23 Dec 2017 13:55

Tgt Ion: 45 Resp: 137158  
Ion Ratio Lower Upper  
45 100  
77 17.2 0.0 30.2  
79 12.9 0.0 27.9

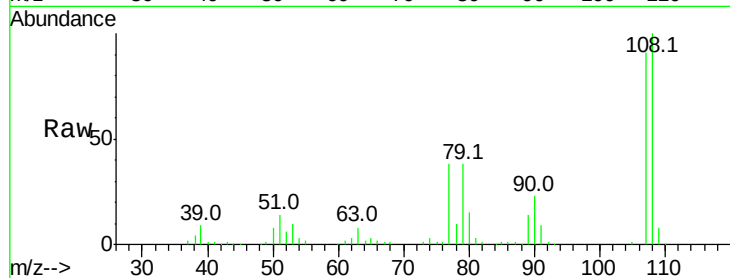




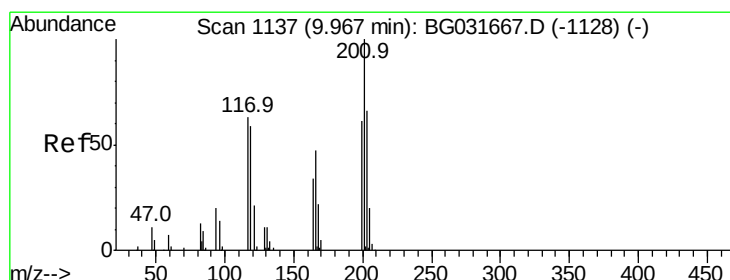
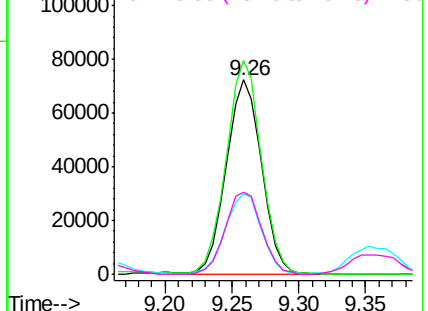
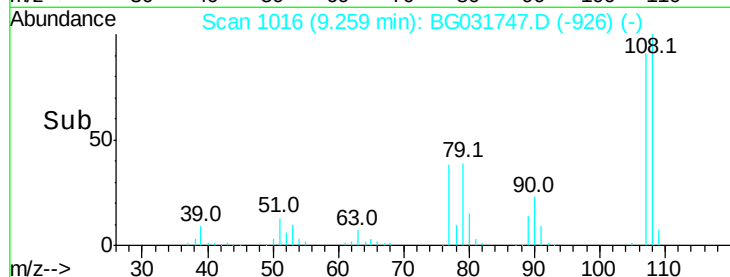
#17  
2-Methylphenol  
Concen: 48.935 ng  
RT: 9.26 min Scan# 1016  
Delta R.T. -0.00 min  
Lab File: BG031747.D  
Acq: 23 Dec 2017 13:55

Instrument :  
BNA\_G  
ClientSampleId :  
OR-02-122117-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 110.0 | 83.9  | 125.9 |
| 77      | 41.7  | 37.2  | 55.8  |
| 79      | 42.4  | 36.2  | 54.2  |

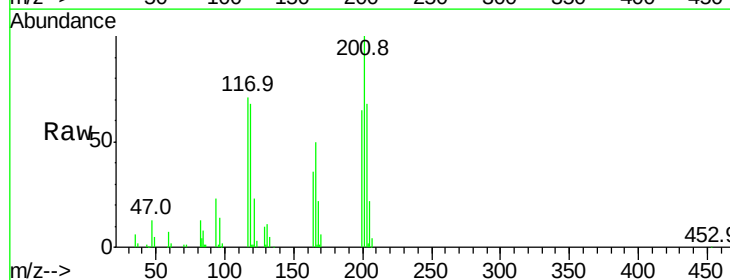


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

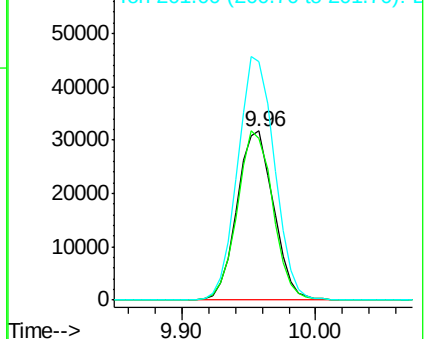
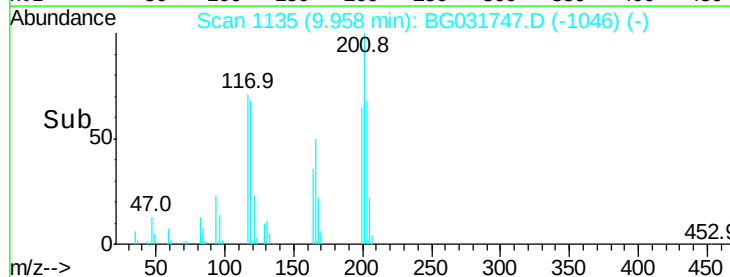


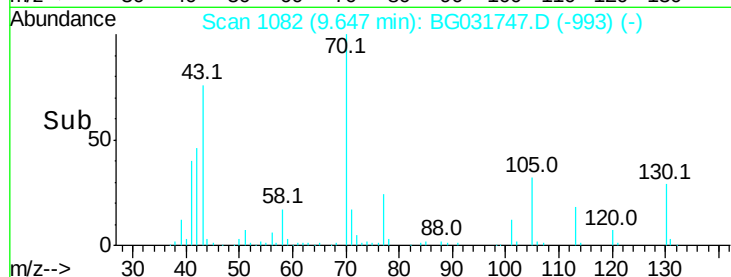
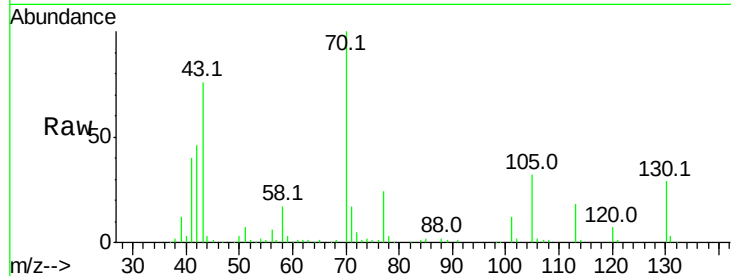
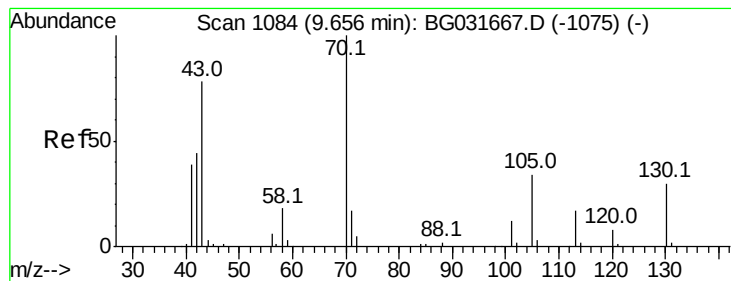
#18  
Hexachloroethane  
Concen: 46.622 ng  
RT: 9.96 min Scan# 1135  
Delta R.T. -0.01 min  
Lab File: BG031747.D  
Acq: 23 Dec 2017 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.0  | 76.7  | 115.1 |
| 201     | 141.4 | 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: 41.366 ng

RT: 9.65 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

Instrument :

BNA\_G

ClientSampleId :

OR-02-122117-AMSD

Tot Ion: 70 Resp: 106623

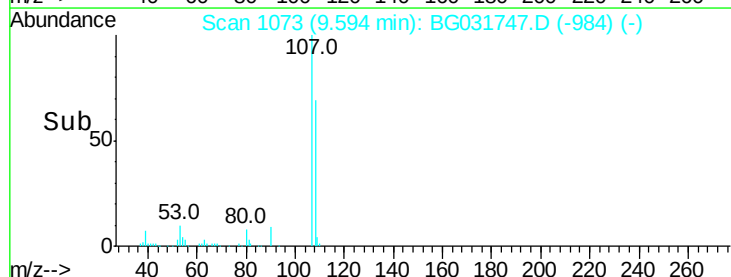
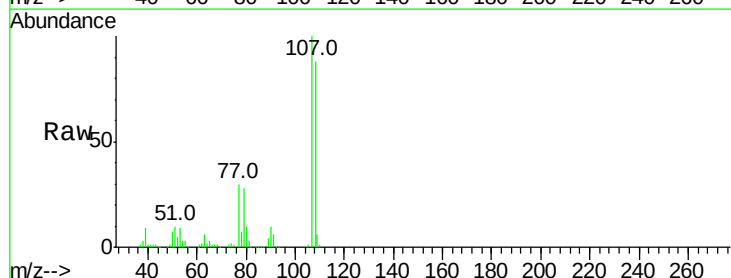
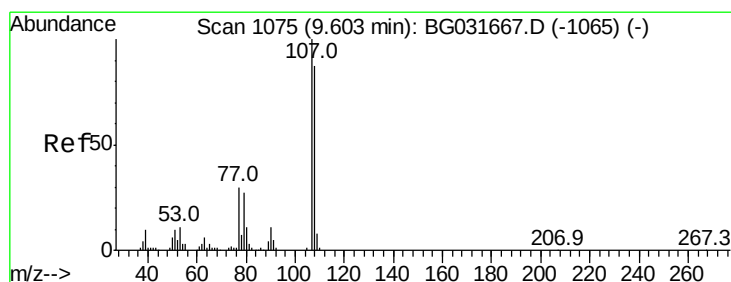
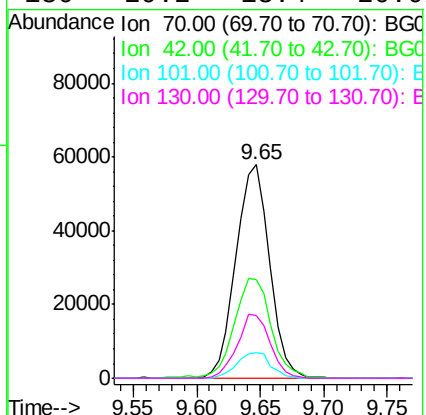
Ion Ratio Lower Upper

70 100

42 46.3 49.1 73.7#

101 11.8 8.5 12.7

130 29.2 13.4 20.0#



#20

3+4-Methylphenols

Concen: 47.276 ng

RT: 9.59 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

Tgt Ion: 107 Resp: 183191

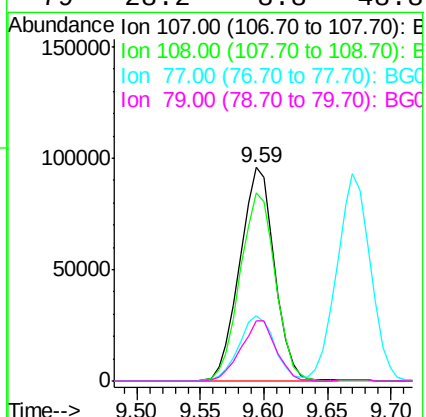
Ion Ratio Lower Upper

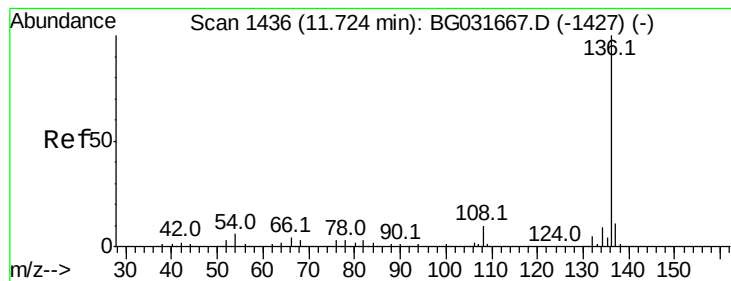
107 100

108 88.1 61.6 101.6

77 30.3 13.9 53.9

79 28.2 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: BG031747.D

Acq: 23 Dec 2017 13:55

Instrument :

BNA\_G

ClientSampleId :

OR-02-122117-AMSD

Tot Ion:136 Resp: 216452

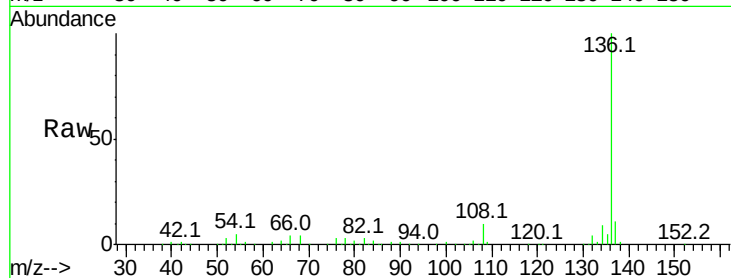
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 5.5 10.3 15.5#

68 3.9 4.5 6.7#

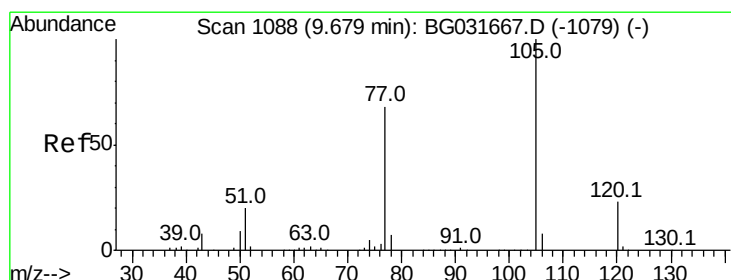
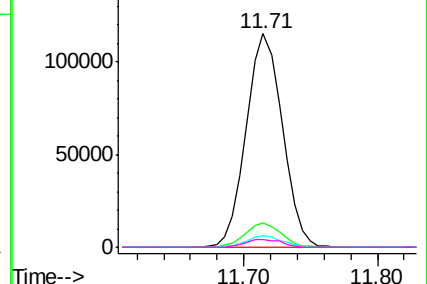
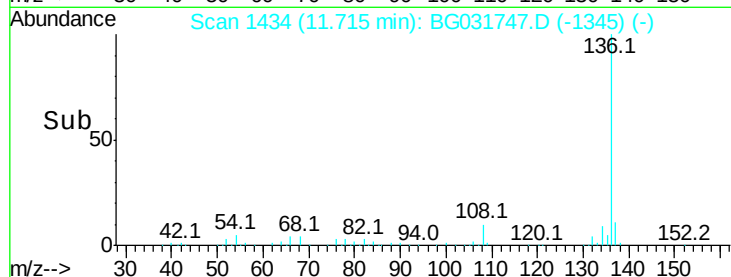


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 48.641 ng

RT: 9.67 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

Tgt Ion:105 Resp: 244605

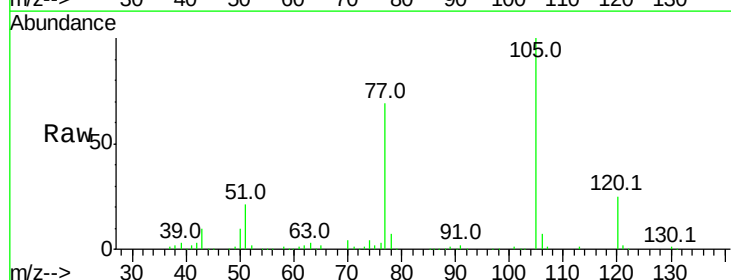
Ion Ratio Lower Upper

105 100

71 0.7 3.0 4.4#

51 21.3 26.1 39.1#

120 24.9 17.4 26.2

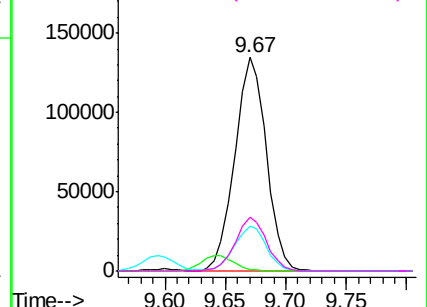
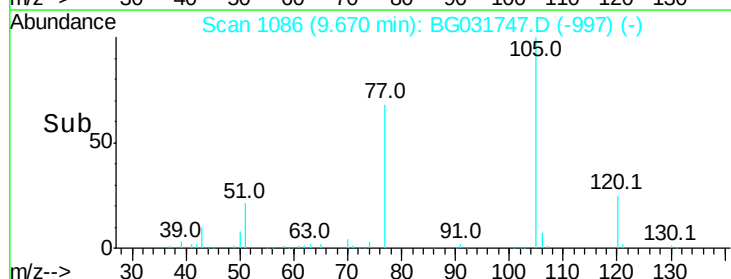


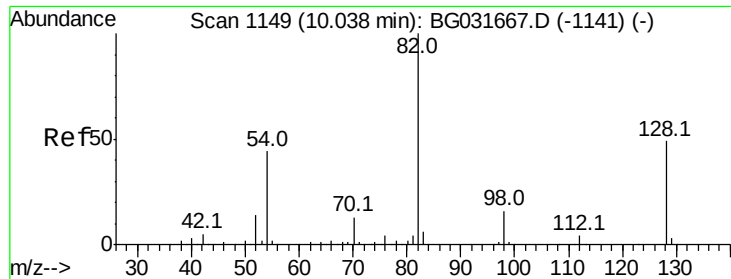
Abundance Ion 105.00 (104.70 to 105.70): E

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

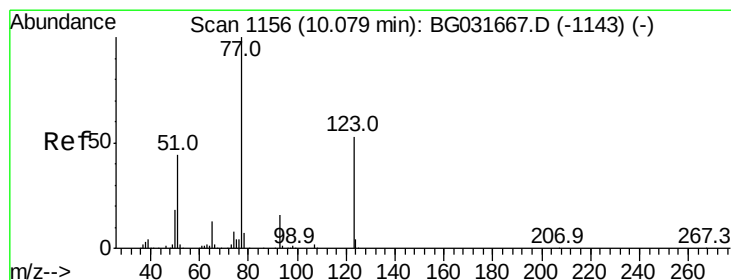
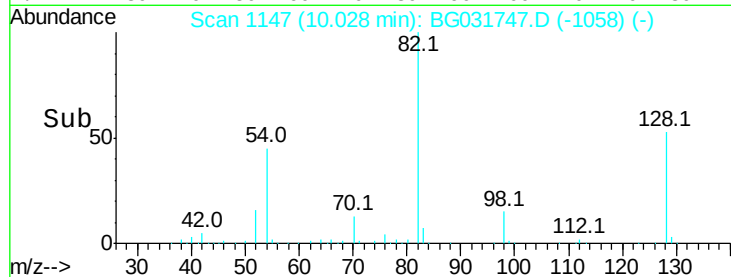
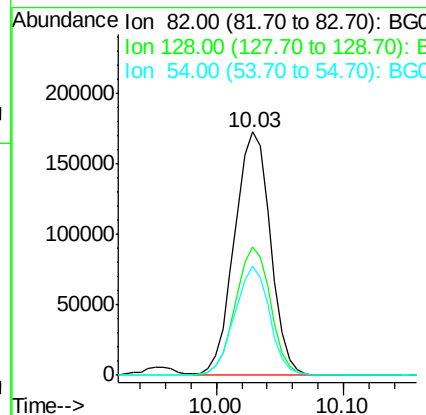
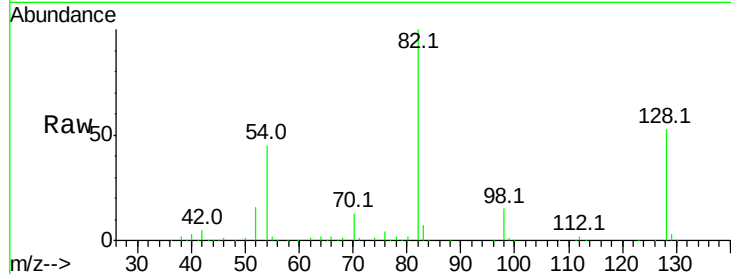




#23  
 Nitrobenzene-d5  
 Concen: 118.278 ng  
 RT: 10.03 min Scan# 1147  
 Delta R.T. -0.01 min  
 Lab File: BG031747.D  
 Acq: 23 Dec 2017 13:55

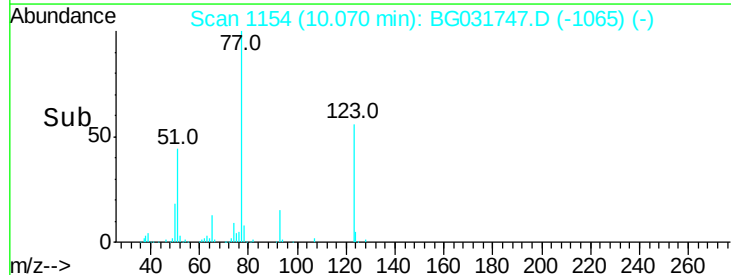
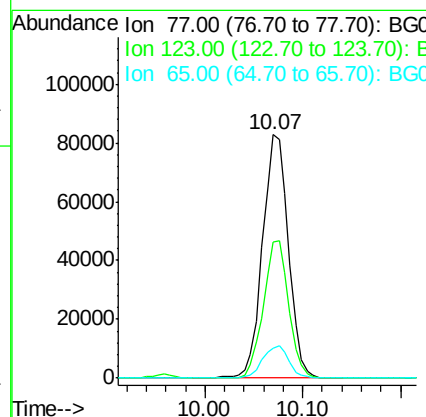
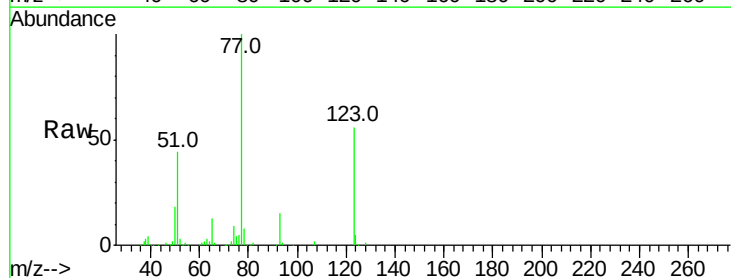
Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-02-122117-AMSD

| Tot Ion   | 82   | Resp  | 339037 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 52.9 | 29.7  | 44.5#  |
| 54        | 44.6 | 43.1  | 64.7   |

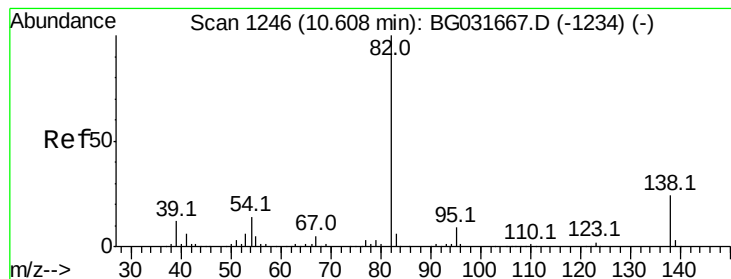


#24  
 Nitrobenzene  
 Concen: 52.005 ng  
 RT: 10.07 min Scan# 1154  
 Delta R.T. -0.01 min  
 Lab File: BG031747.D  
 Acq: 23 Dec 2017 13:55

| Tgt Ion   | 77   | Resp  | 153637 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 123       | 56.0 | 33.0  | 49.6#  |
| 65        | 12.5 | 13.0  | 19.6#  |







#25

Isophorone

Concen: 49.447 ng

RT: 10.60 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

Instrument :

BNA\_G

ClientSampleId :

OR-02-122117-AMSD

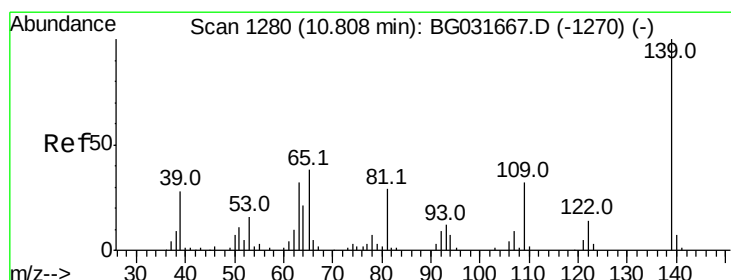
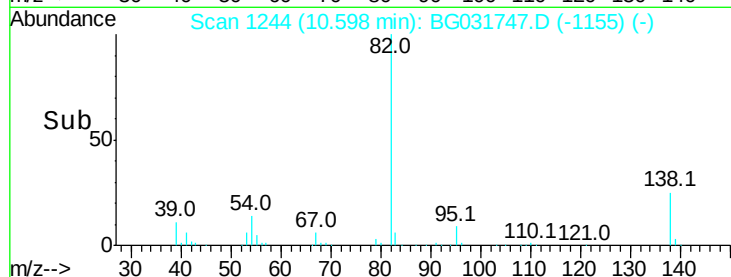
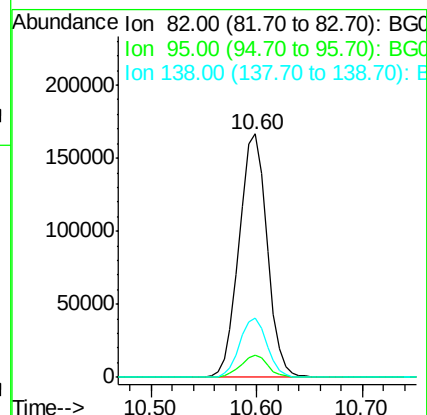
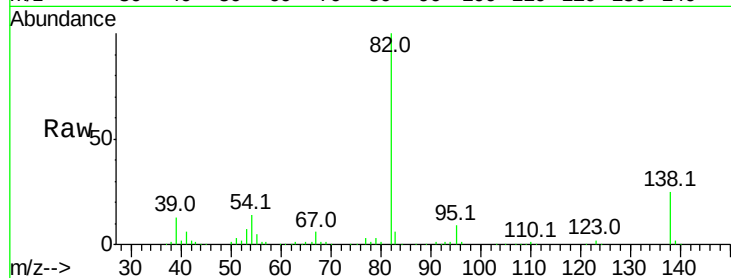
Tot Ion: 82 Resp: 305122

Ion Ratio Lower Upper

82 100

95 9.0 6.2 9.2

138 24.5 12.1 18.1#



#26

2-Nitrophenol

Concen: 63.935 ng

RT: 10.80 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

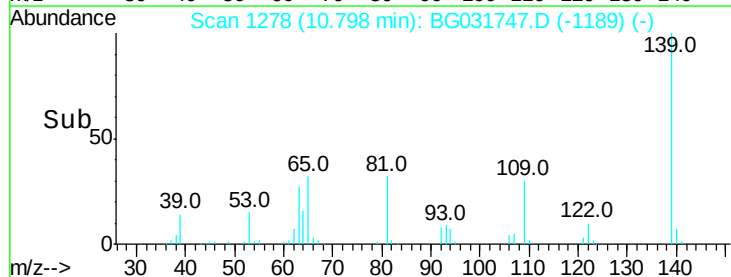
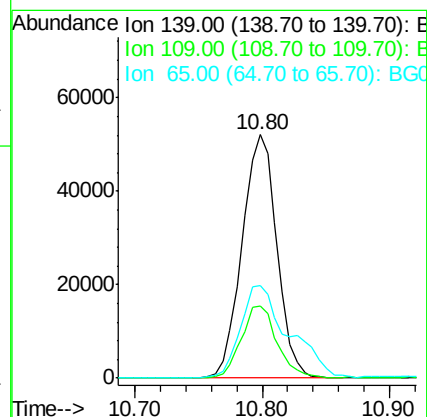
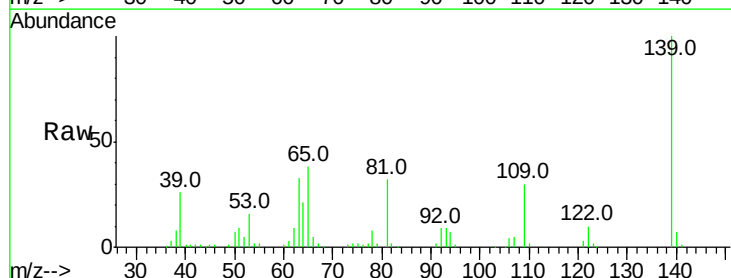
Tgt Ion: 139 Resp: 99034

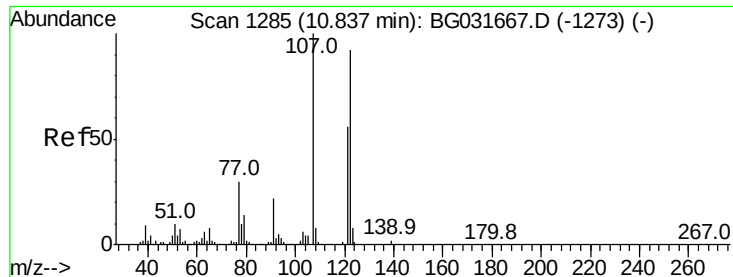
Ion Ratio Lower Upper

139 100

109 29.8 24.2 36.2

65 38.1 47.4 71.0#

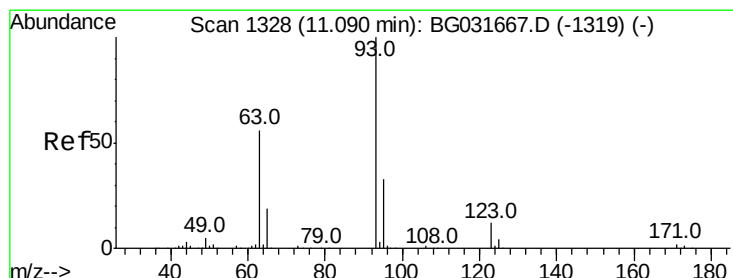
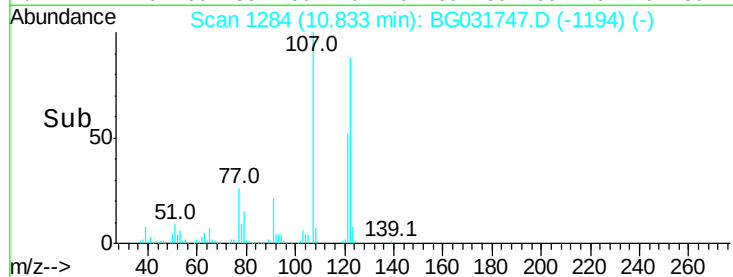
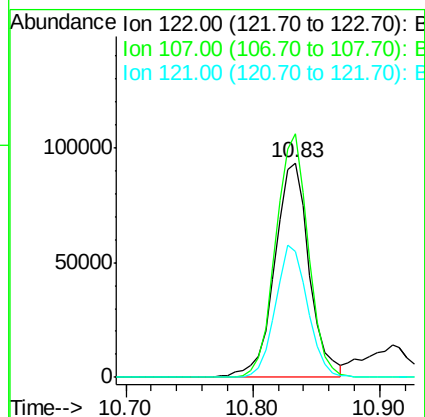
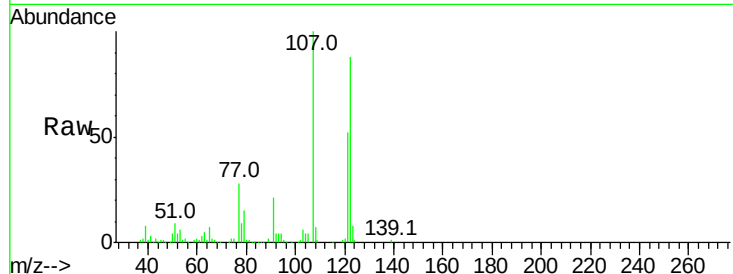




#27  
 2,4-Dimethylphenol  
 Concen: 54.462 ng  
 RT: 10.83 min Scan# 1284  
 Delta R.T. -0.00 min  
 Lab File: BG031747.D  
 Acq: 23 Dec 2017 13:55

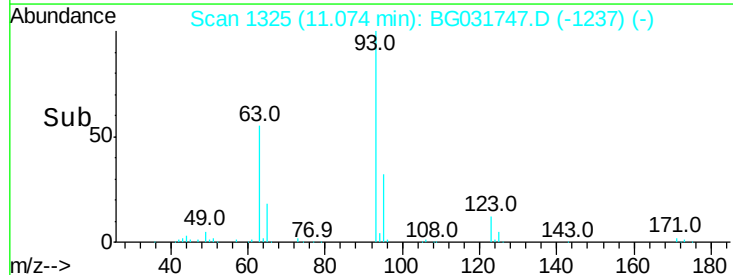
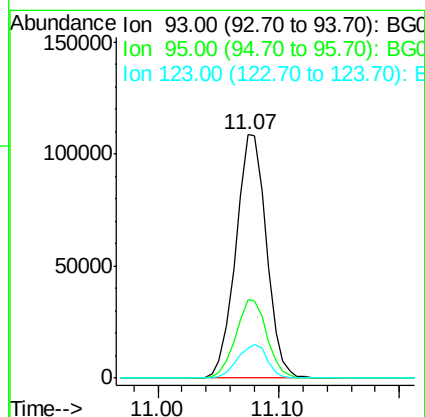
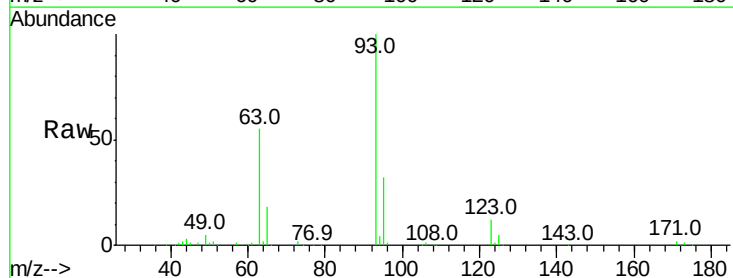
Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-02-122117-AMSD

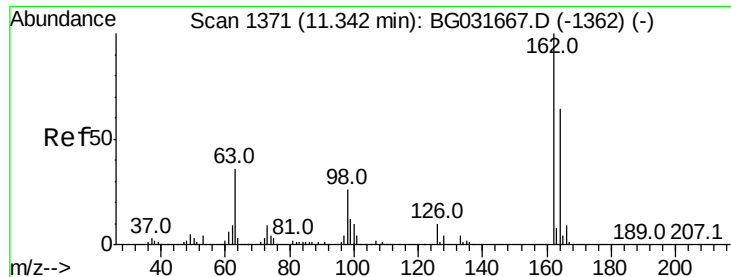
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 113.4 | 100.2 | 150.2 |
| 121     | 58.9  | 44.4  | 66.6  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 46.477 ng  
 RT: 11.07 min Scan# 1325  
 Delta R.T. -0.02 min  
 Lab File: BG031747.D  
 Acq: 23 Dec 2017 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.3  | 24.3  | 36.5  |
| 123     | 12.4  | 8.4   | 12.6  |

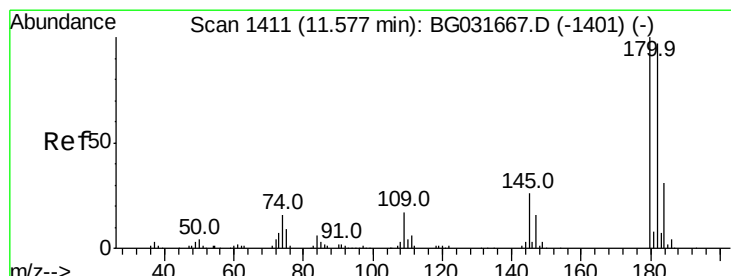
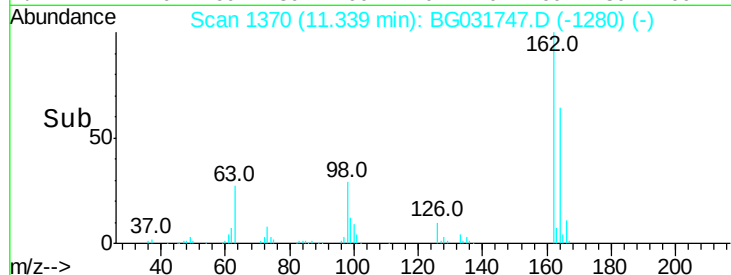
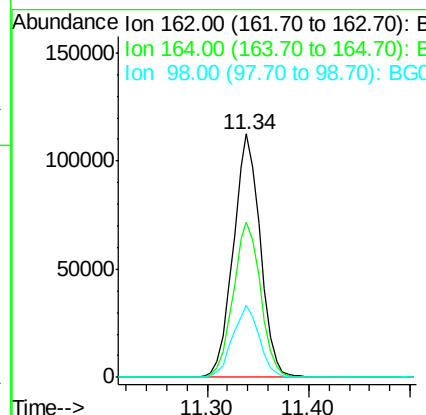
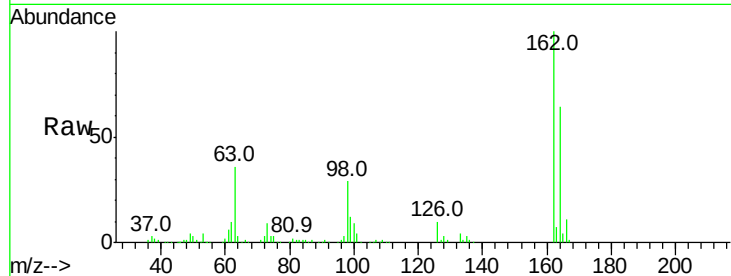




#29  
2,4-Dichlorophenol  
Concen: 53.947 ng  
RT: 11.34 min Scan# 1370  
Delta R.T. -0.00 min  
Lab File: BG031747.D  
Acq: 23 Dec 2017 13:55

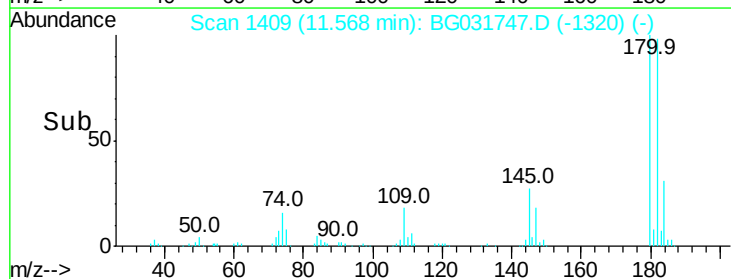
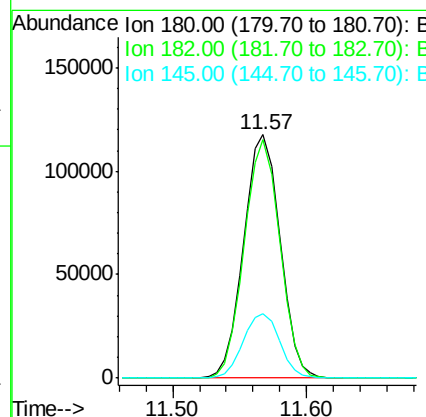
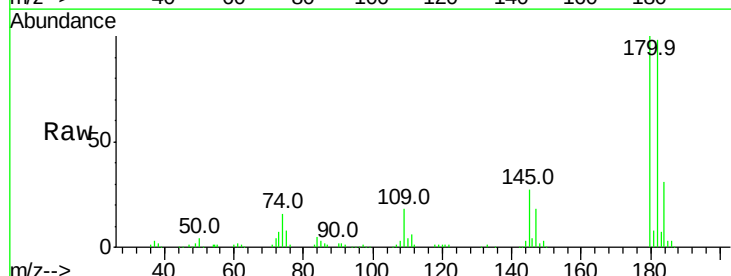
Instrument :  
BNA\_G  
ClientSampleId :  
OR-02-122117-AMSD

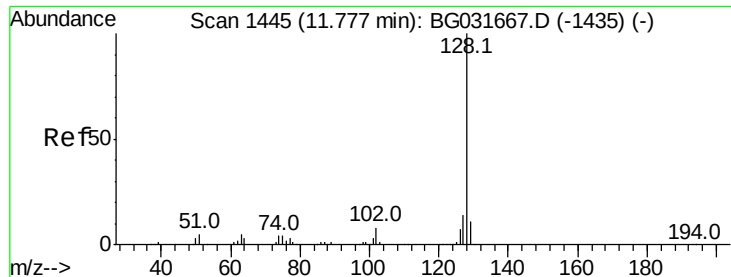
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.8  | 48.0  | 88.0  |
| 98      | 29.5  | 21.1  | 61.1  |



#30  
1,2,4-Trichlorobenzene  
Concen: 47.601 ng  
RT: 11.57 min Scan# 1409  
Delta R.T. -0.01 min  
Lab File: BG031747.D  
Acq: 23 Dec 2017 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.7  | 77.5  | 116.3 |
| 145     | 26.7  | 23.4  | 35.2  |

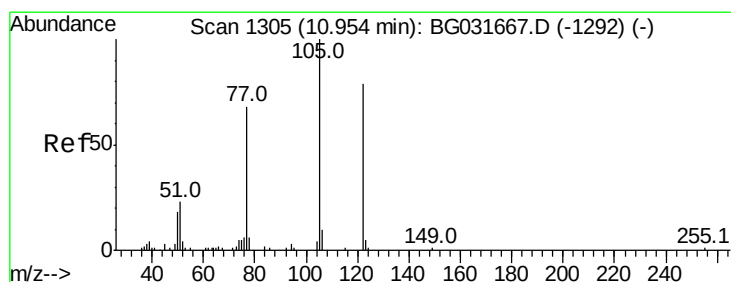
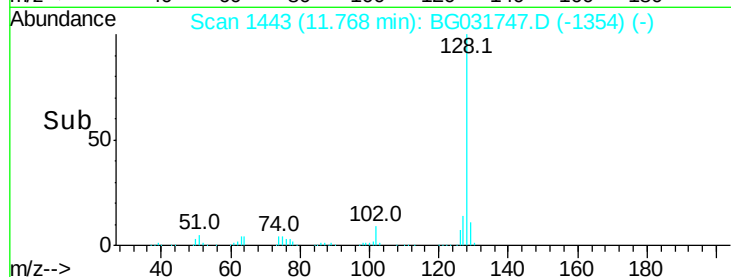
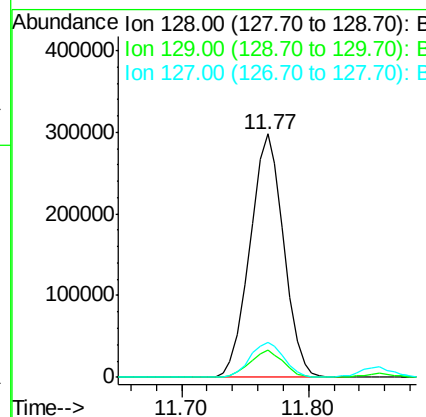
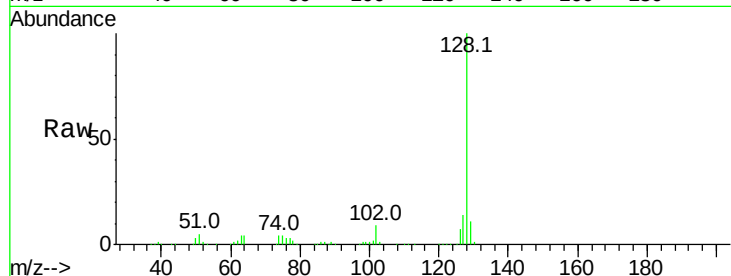




#31  
Naphthalene  
Concen: 50.269 ng  
RT: 11.77 min Scan# 1443  
Delta R.T. -0.01 min  
Lab File: BG031747.D  
Acq: 23 Dec 2017 13:55

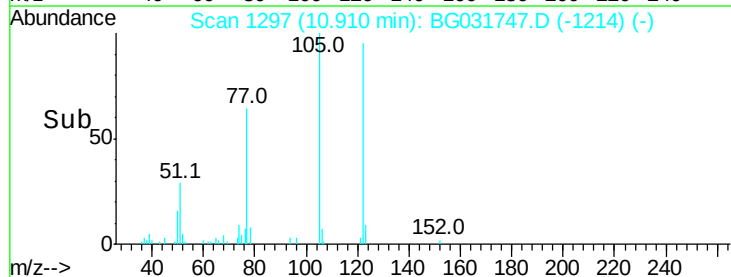
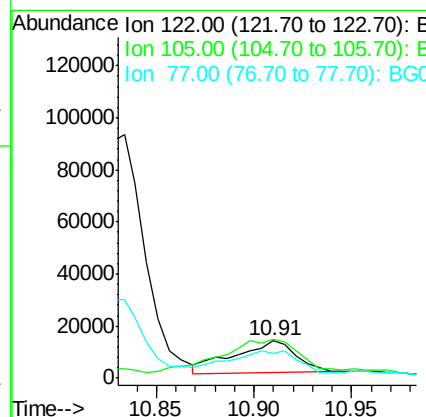
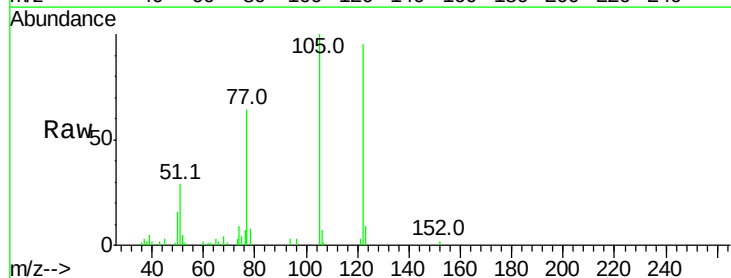
Instrument :  
BNA\_G  
ClientSampleId :  
OR-02-122117-AMSD

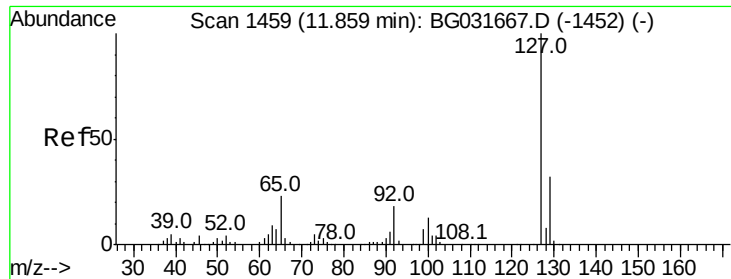
Tot Ion:128 Resp: 549134  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.6 12.8  
127 14.1 11.6 17.4



#32  
Benzoic acid  
Concen: 17.201 ng  
RT: 10.91 min Scan# 1297  
Delta R.T. -0.04 min  
Lab File: BG031747.D  
Acq: 23 Dec 2017 13:55

Tgt Ion:122 Resp: 27139  
Ion Ratio Lower Upper  
122 100  
105 105.0 123.5 163.5#  
77 67.5 85.7 125.7#

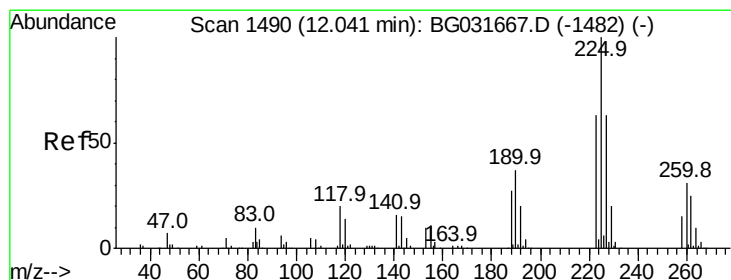
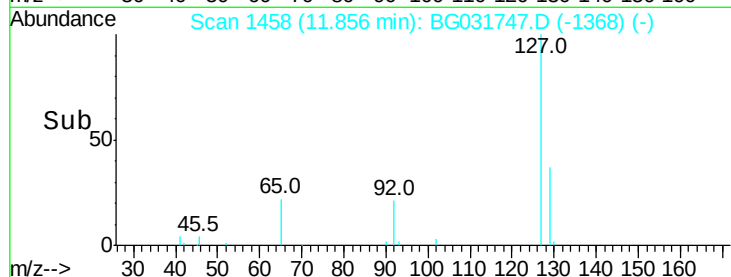
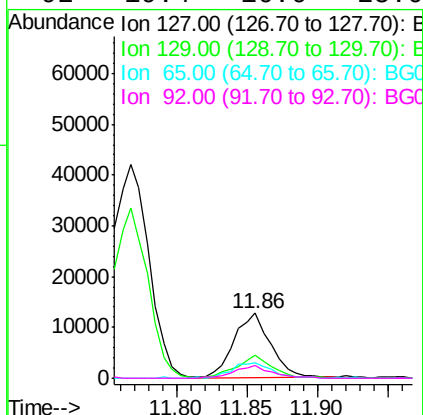
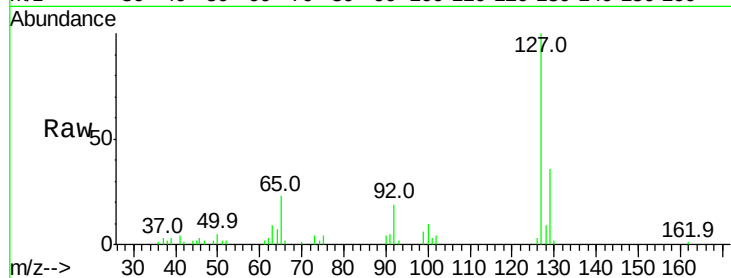




#33  
4-Chloroaniline  
Concen: 4.718 ng  
RT: 11.86 min Scan# 1458  
Delta R.T. -0.00 min  
Lab File: BG031747.D  
Acq: 23 Dec 2017 13:55

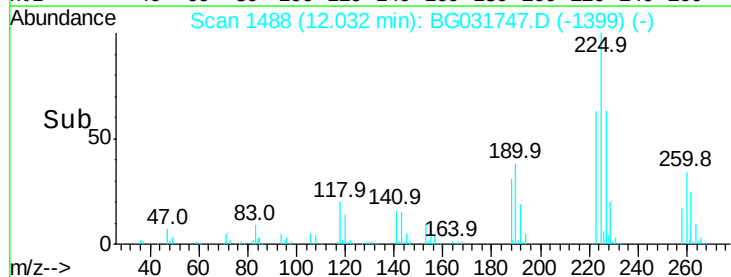
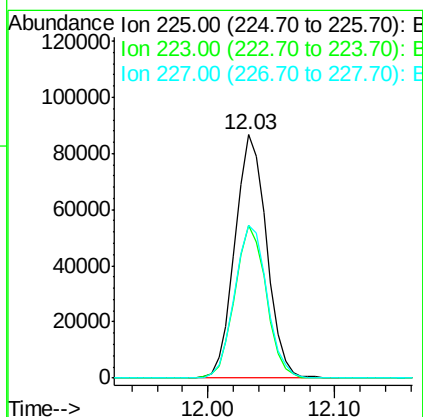
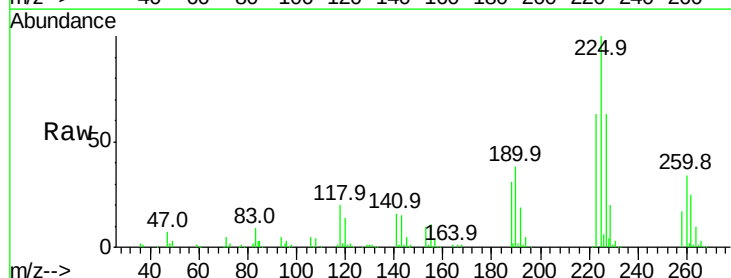
Instrument :  
BNA\_G  
ClientSampleId :  
OR-02-122117-AMSD

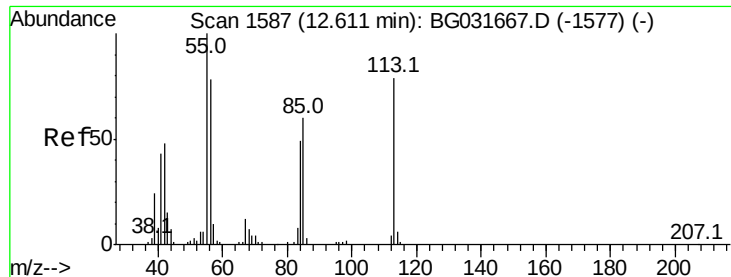
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 22946 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 36.1  | 24.0  | 36.0# |
| 65       | 23.0  | 27.0  | 40.4# |
| 92       | 19.4  | 16.6  | 25.0  |



#34  
Hexachlorobutadiene  
Concen: 46.668 ng  
RT: 12.03 min Scan# 1488  
Delta R.T. -0.01 min  
Lab File: BG031747.D  
Acq: 23 Dec 2017 13:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 149690 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.6  | 49.7  | 74.5   |
| 227      | 63.0  | 48.1  | 72.1   |





#35

Caprolactam

Concen: 42.177 ng

RT: 12.61 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

Instrument :

BNA\_G

ClientSampleId :

OR-02-122117-AMSD

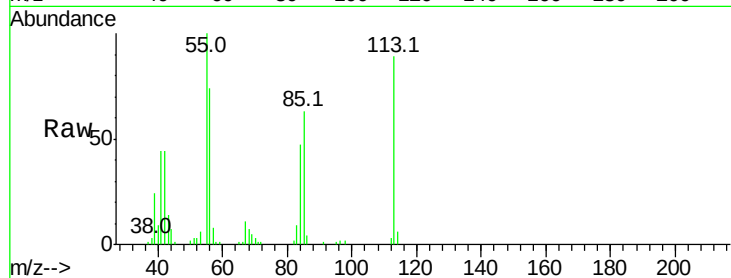
Tot Ion:113 Resp: 48920

Ion Ratio Lower Upper

113 100

55 112.7 186.9 226.9#

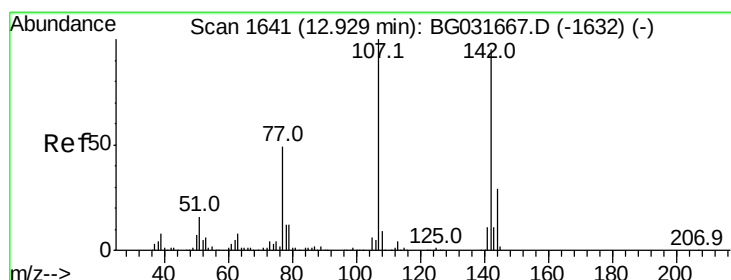
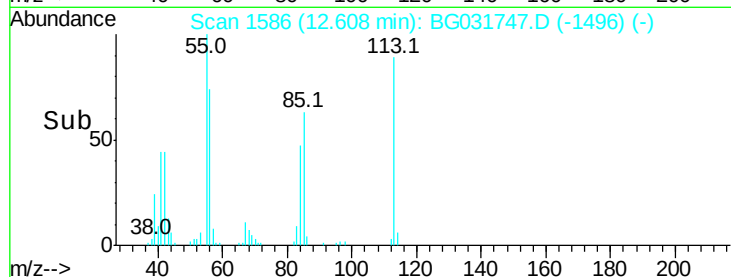
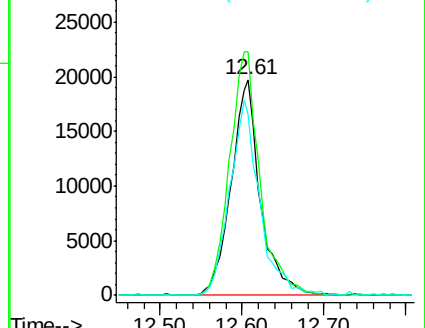
56 83.5 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 51.489 ng

RT: 12.93 min Scan# 1640

Delta R.T. -0.00 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

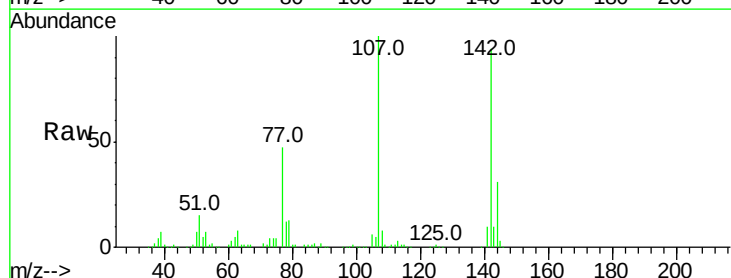
Tgt Ion:107 Resp: 181962

Ion Ratio Lower Upper

107 100

144 31.1 18.2 27.4#

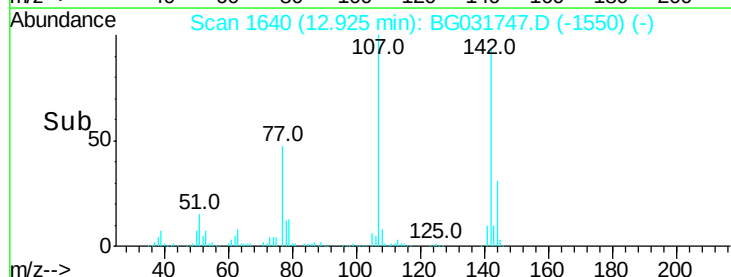
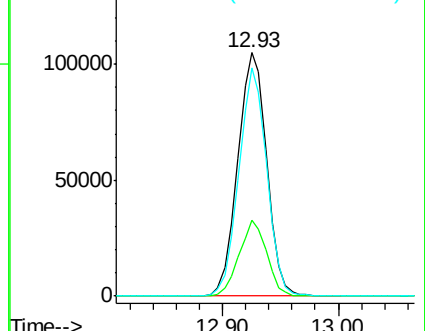
142 93.6 59.0 88.4#

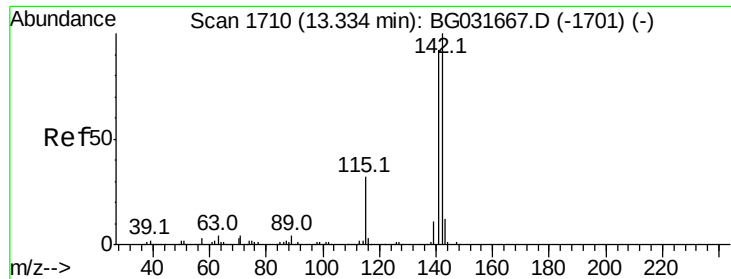


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

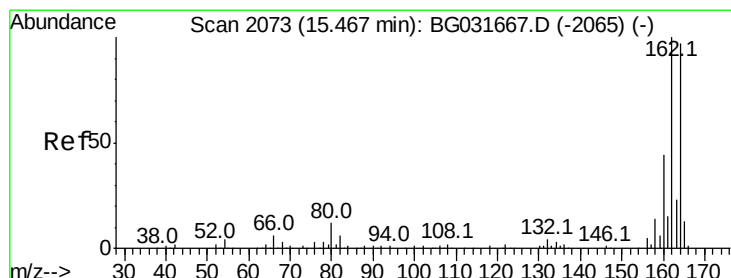
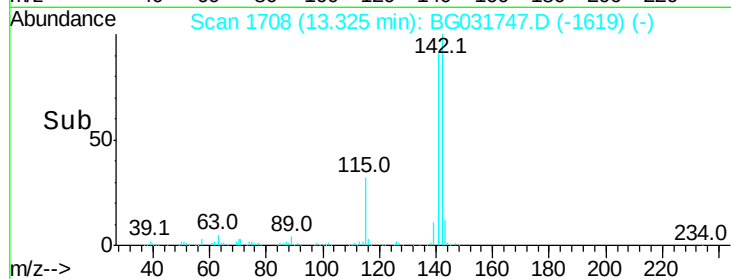
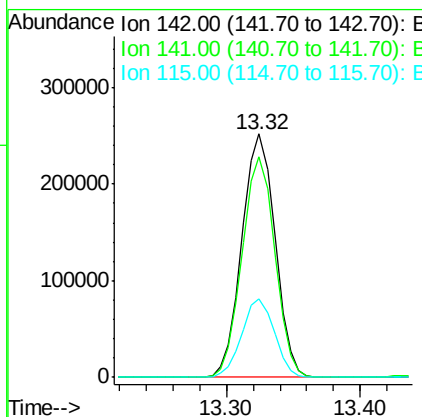
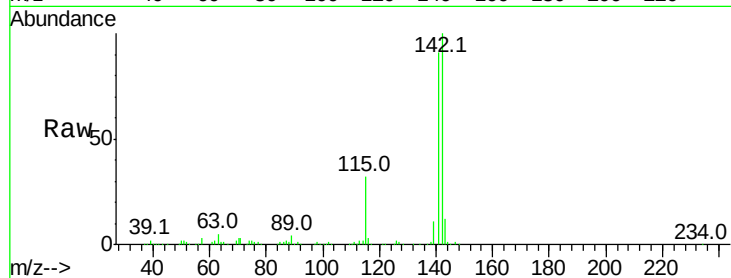




#37  
2-Methylnaphthalene  
Concen: 48.809 ng  
RT: 13.32 min Scan# 1708  
Delta R.T. -0.01 min  
Lab File: BG031747.D  
Acq: 23 Dec 2017 13:55

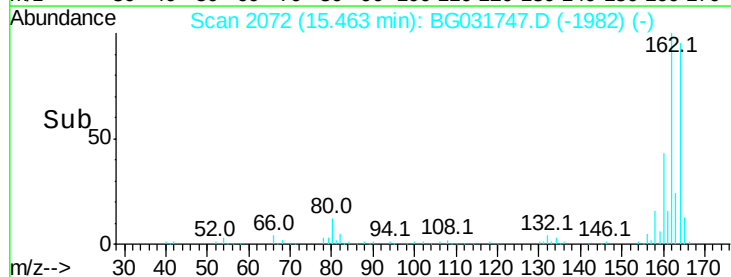
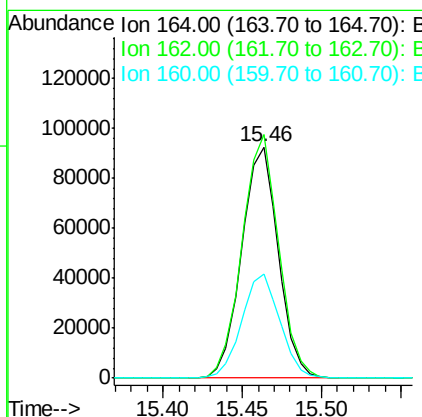
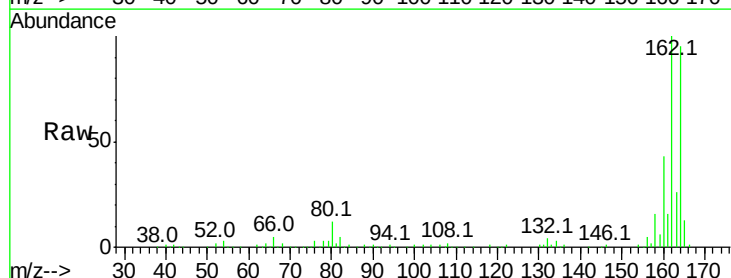
Instrument :  
BNA\_G  
ClientSampleId :  
OR-02-122117-AMSD

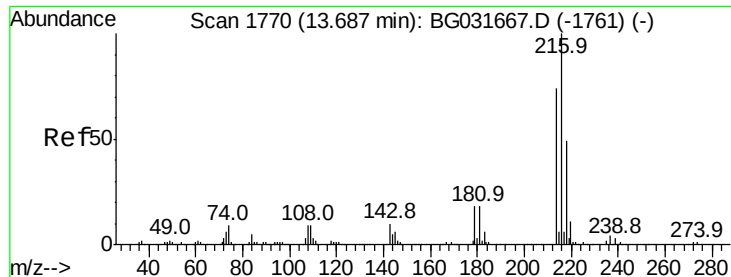
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.9  | 67.1  | 100.7 |
| 115     | 32.2  | 30.7  | 46.1  |



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 15.46 min Scan# 2072  
Delta R.T. -0.00 min  
Lab File: BG031747.D  
Acq: 23 Dec 2017 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.4 | 78.8  | 118.2 |
| 160     | 45.0  | 35.4  | 53.0  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.366 ng

RT: 13.68 min Scan# 1768

Delta R.T. -0.01 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

Instrument :

BNA\_G

ClientSampleId :

OR-02-122117-AMSD

Tot Ion:216 Resp: 296121

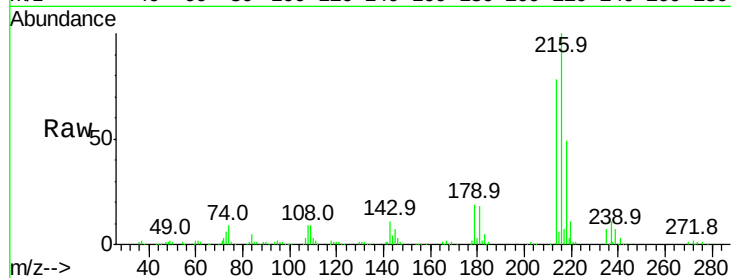
Ion Ratio Lower Upper

216 100

214 77.9 63.0 94.4

179 18.6 17.0 25.6

108 11.7 12.8 19.2#

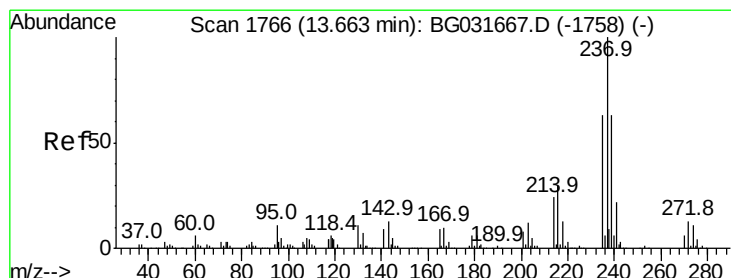
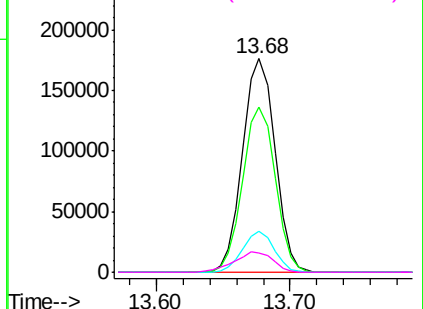
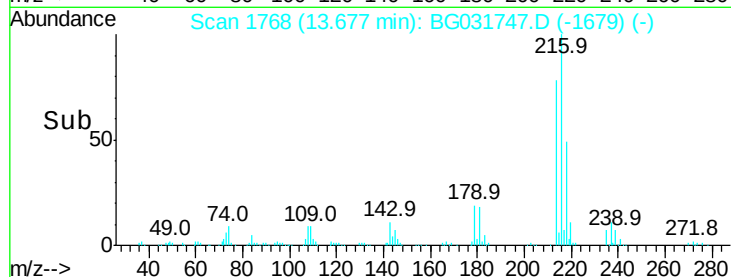


Abundance Ion 216.00 (215.70 to 216.70): E

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: 99.561 ng

RT: 13.65 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

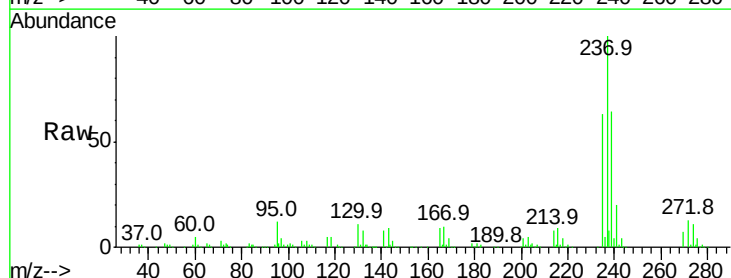
Tgt Ion:237 Resp: 328353

Ion Ratio Lower Upper

237 100

235 62.7 50.4 90.4

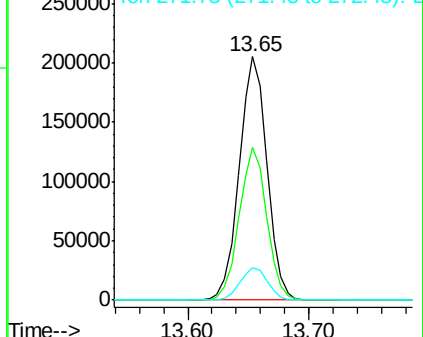
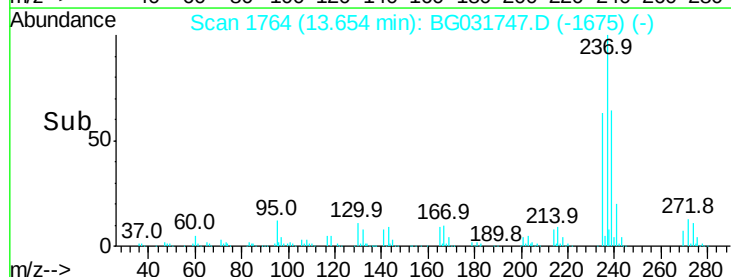
272 13.2 0.0 31.8



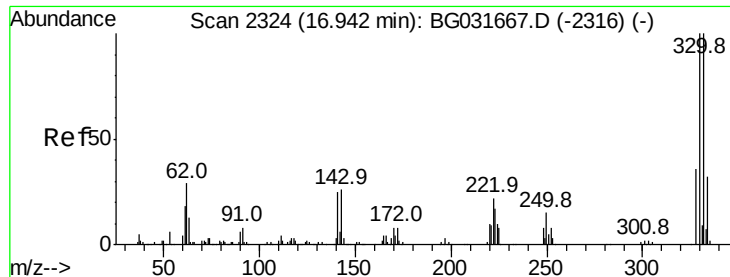
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E







#41

2,4,6-Tribromophenol

Concen: 176.888 ng

RT: 16.94 min Scan# 2323

Delta R.T. -0.00 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

Instrument :

BNA\_G

ClientSampleId :

OR-02-122117-AMSD

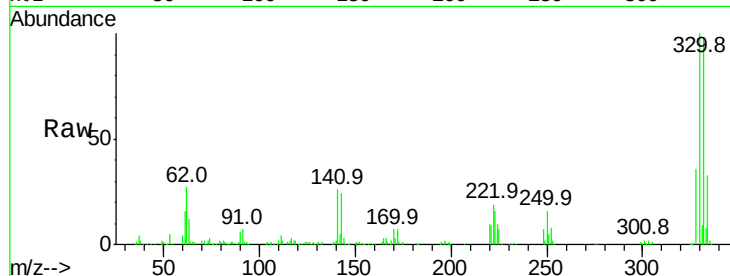
Tot Ion:330 Resp: 400603

Ion Ratio Lower Upper

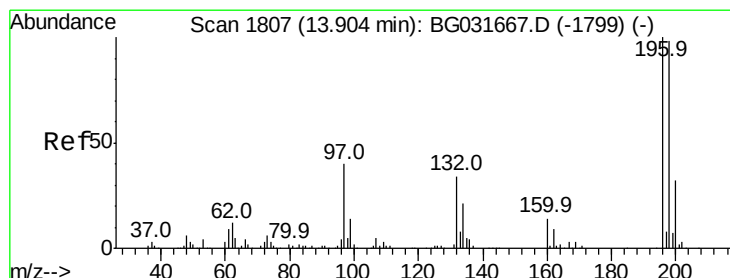
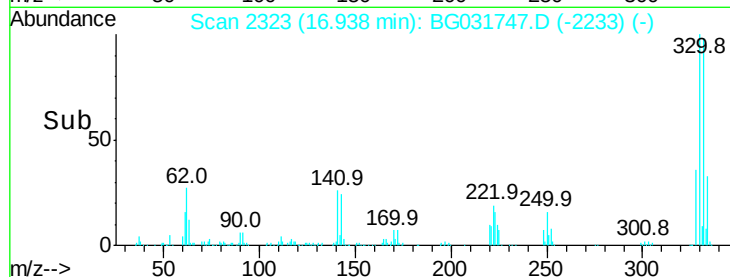
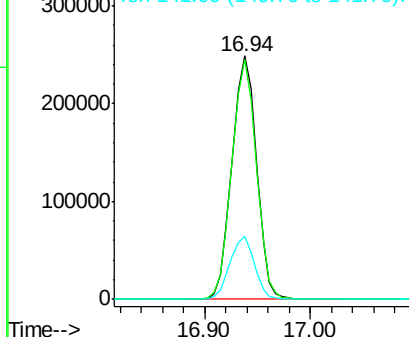
330 100

332 98.0 77.0 115.6

141 25.5 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



#42

2,4,6-Trichlorophenol

Concen: 52.746 ng

RT: 13.90 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

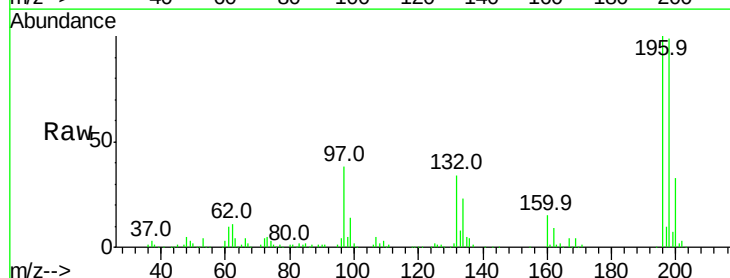
Tgt Ion:196 Resp: 190122

Ion Ratio Lower Upper

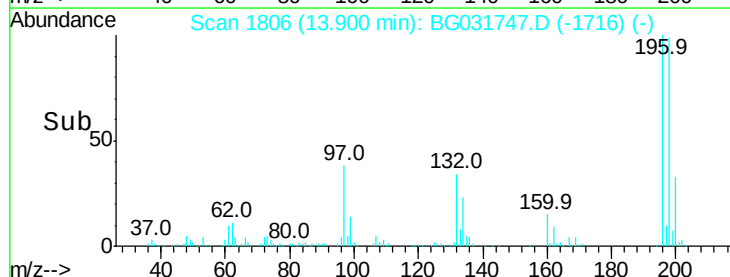
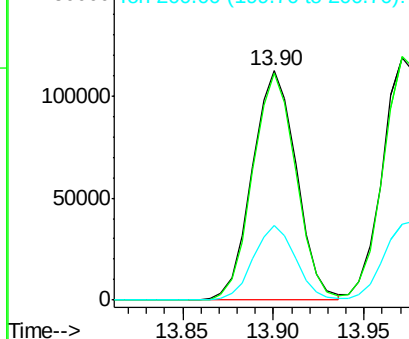
196 100

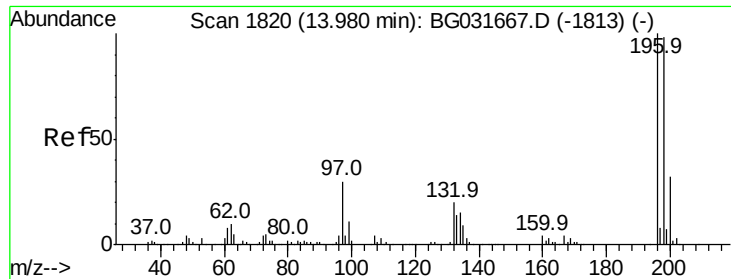
198 99.2 78.2 117.2

200 32.5 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

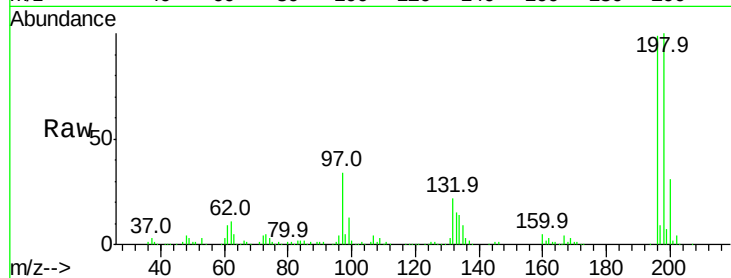




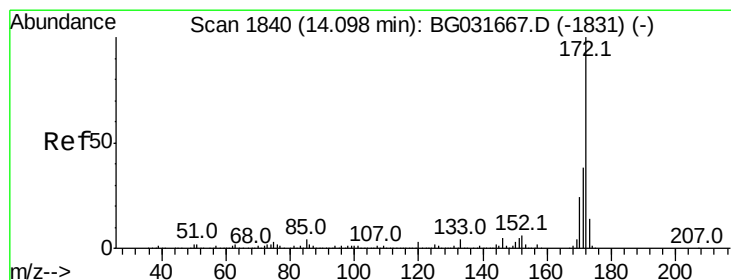
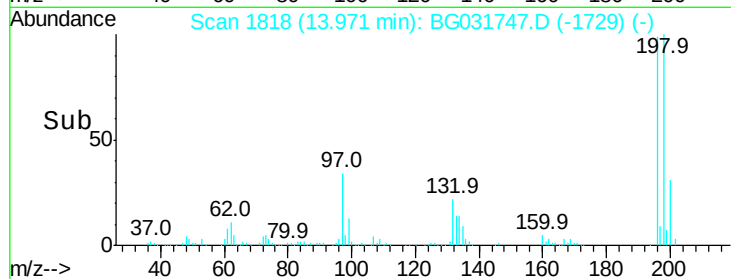
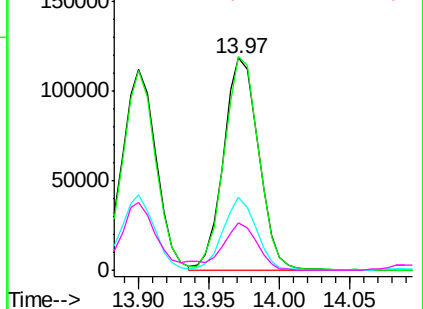
#43  
 2,4,5-Trichlorophenol  
 Concen: 51.175 ng  
 RT: 13.97 min Scan# 1818  
 Delta R.T. -0.01 min  
 Lab File: BG031747.D  
 Acq: 23 Dec 2017 13:55

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-02-122117-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 100.7 | 76.2  | 114.4 |
| 97      | 34.3  | 38.7  | 58.1  |
| 132     | 22.0  | 20.2  | 30.2  |



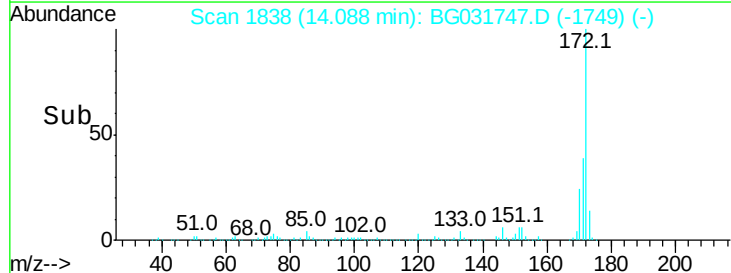
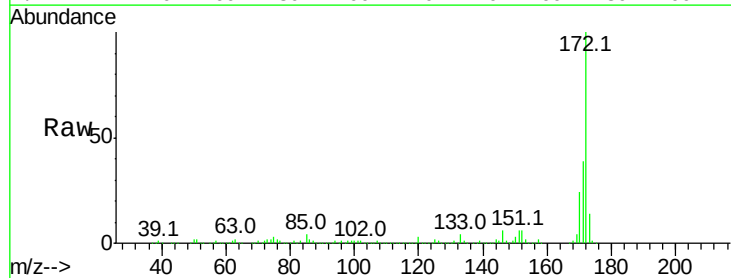
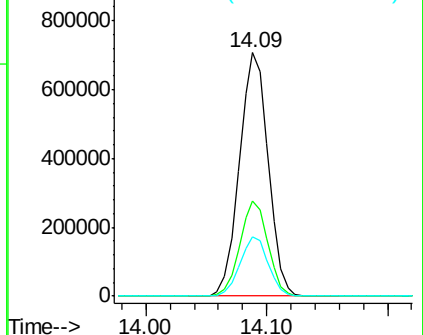
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BGC  
 Ion 132.00 (131.70 to 132.70): E

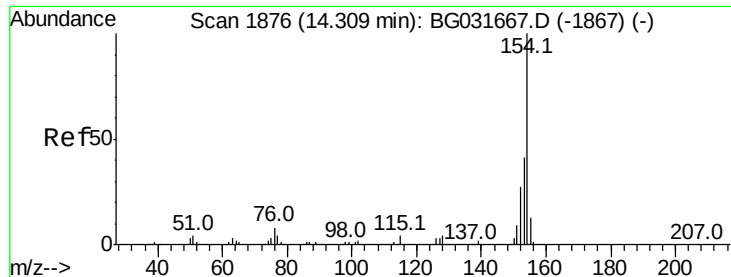


#44  
 2-Fluorobiphenyl  
 Concen: 99.178 ng  
 RT: 14.09 min Scan# 1838  
 Delta R.T. -0.01 min  
 Lab File: BG031747.D  
 Acq: 23 Dec 2017 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 39.3  | 30.0  | 45.0  |
| 170     | 24.3  | 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: 48.233 ng

RT: 14.30 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

Instrument :

BNA\_G

ClientSampleId :

OR-02-122117-AMSD

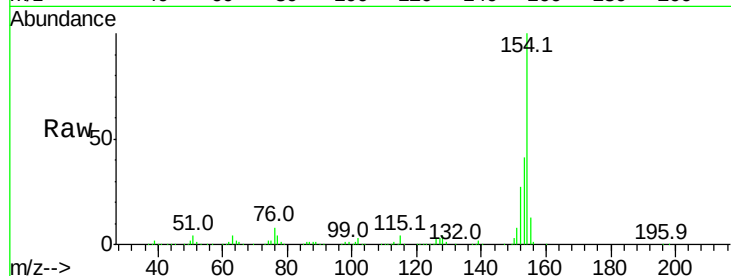
Tot Ion:154 Resp: 611444

Ion Ratio Lower Upper

154 100

153 41.4 19.8 59.8

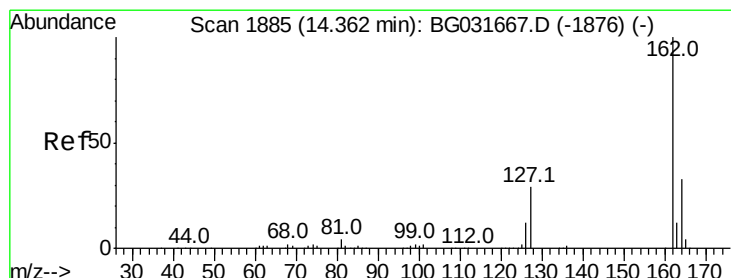
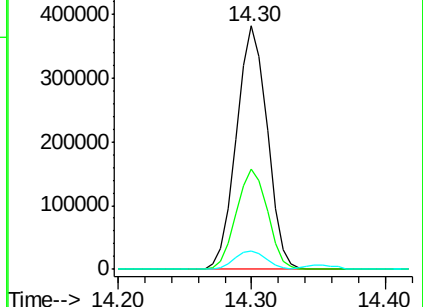
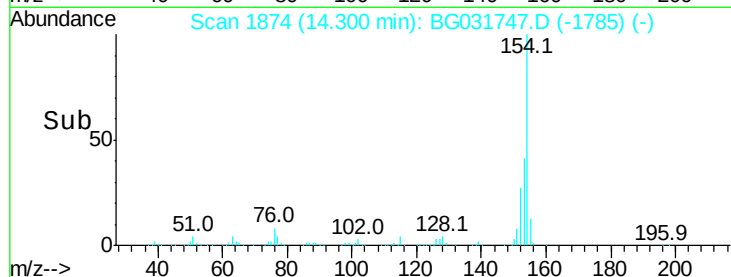
76 7.7 0.0 31.9



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): BGC



#46

2-Chloronaphthalene

Concen: 48.086 ng

RT: 14.35 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

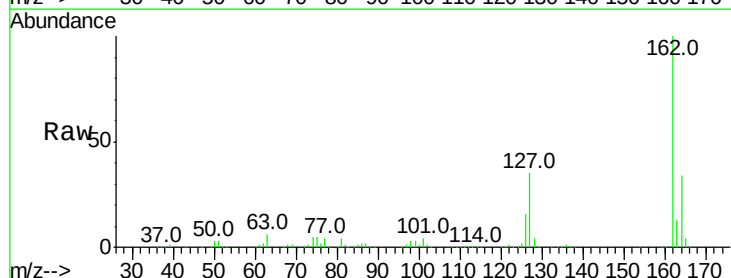
Tgt Ion:162 Resp: 464959

Ion Ratio Lower Upper

162 100

127 35.0 30.7 46.1

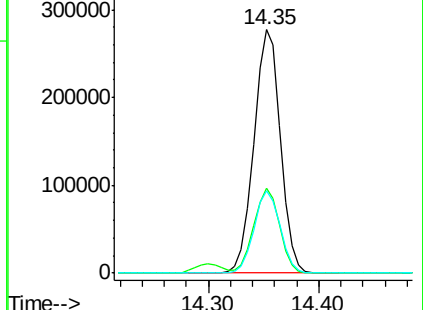
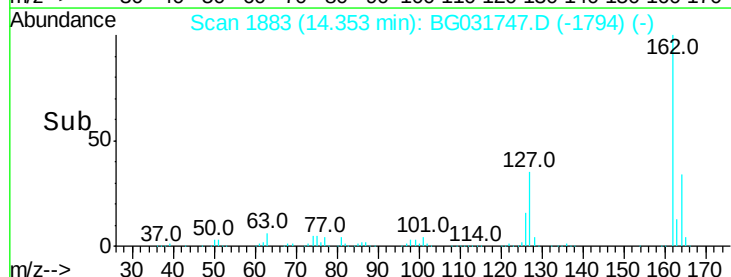
164 33.8 26.0 39.0

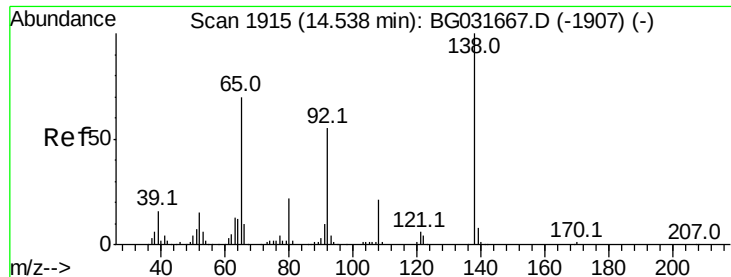


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

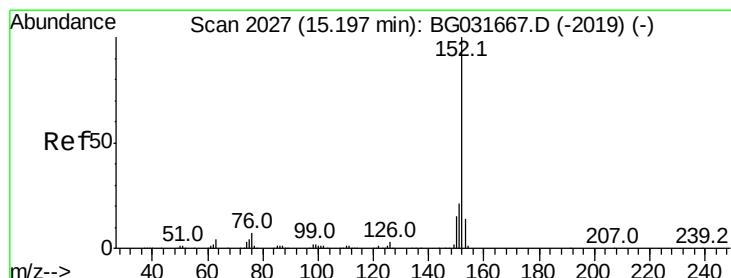
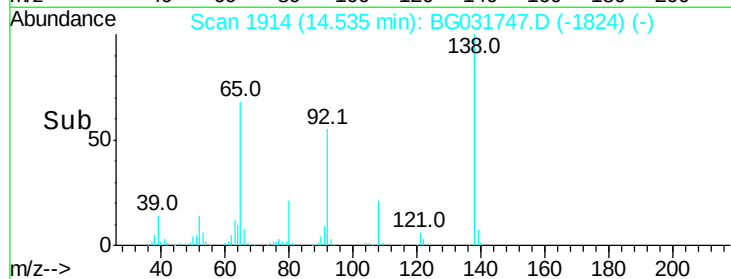
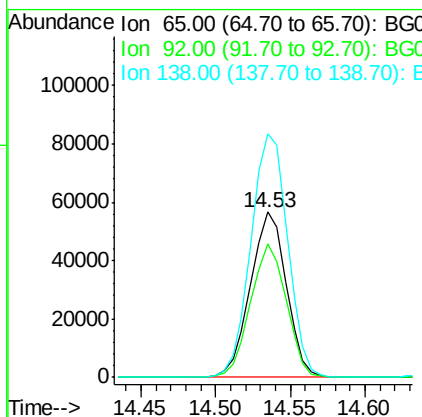
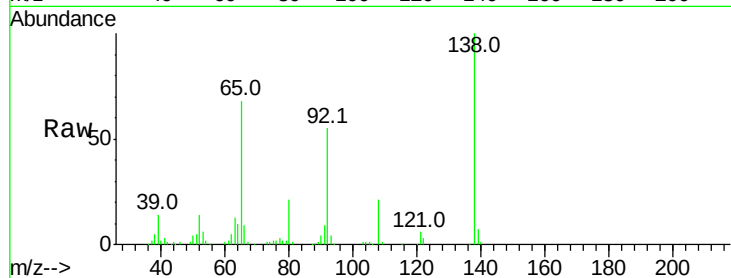




#47  
2-Nitroaniline  
Concen: 56.370 ng  
RT: 14.53 min Scan# 1914  
Delta R.T. -0.00 min  
Lab File: BG031747.D  
Acq: 23 Dec 2017 13:55

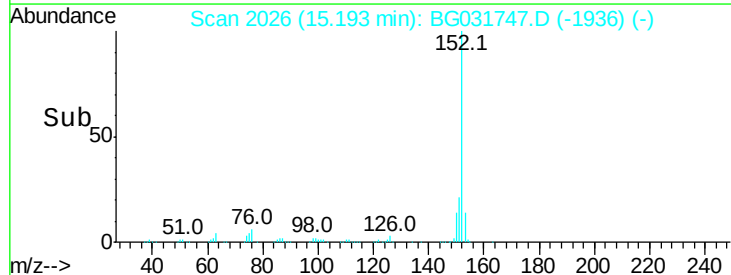
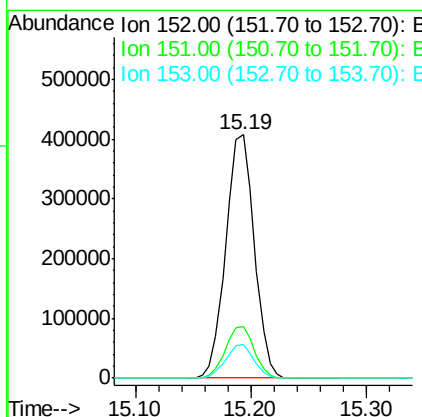
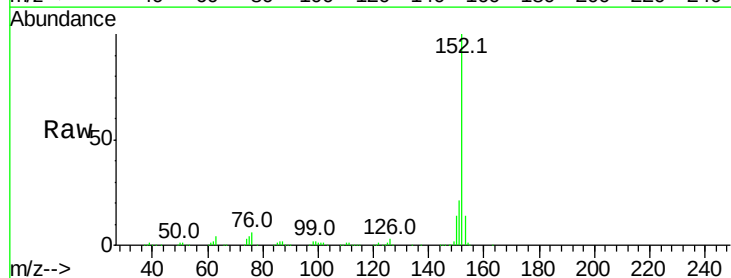
Instrument :  
BNA\_G  
ClientSampleId :  
OR-02-122117-AMSD

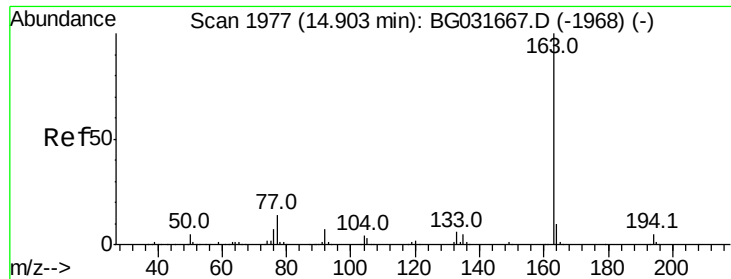
Tot Ion: 65 Resp: 94136  
Ion Ratio Lower Upper  
65 100  
92 81.2 54.6 82.0  
138 147.6 72.9 109.3#



#48  
Acenaphthylene  
Concen: 44.918 ng  
RT: 15.19 min Scan# 2026  
Delta R.T. -0.00 min  
Lab File: BG031747.D  
Acq: 23 Dec 2017 13:55

Tgt Ion: 152 Resp: 694844  
Ion Ratio Lower Upper  
152 100  
151 21.2 17.2 25.8  
153 13.6 10.2 15.4





#49

Dimethylphthalate

Concen: 46.556 ng

RT: 14.89 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

Instrument :

BNA\_G

ClientSampleId :

OR-02-122117-AMSD

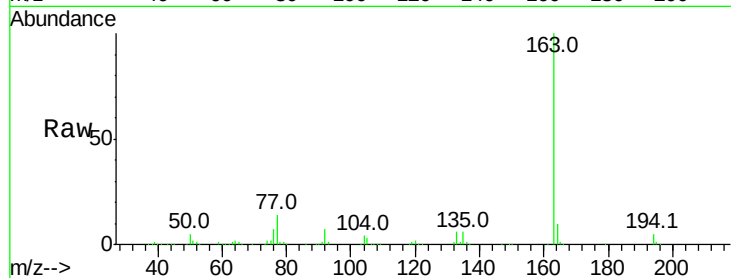
Tot Ion:163 Resp: 608744

Ion Ratio Lower Upper

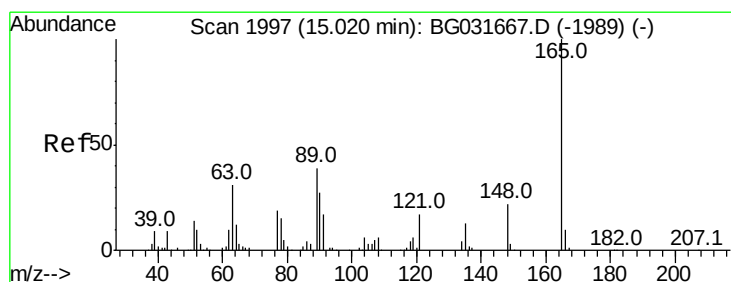
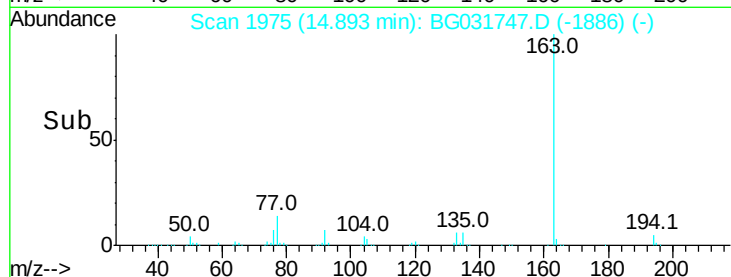
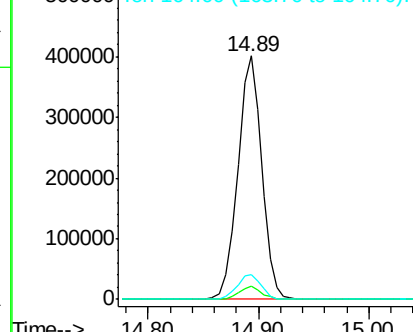
163 100

194 5.2 3.4 5.2#

164 10.1 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: 56.851 ng

RT: 15.02 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

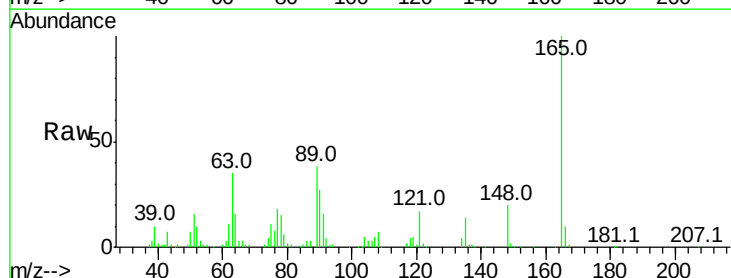
Tgt Ion:165 Resp: 136748

Ion Ratio Lower Upper

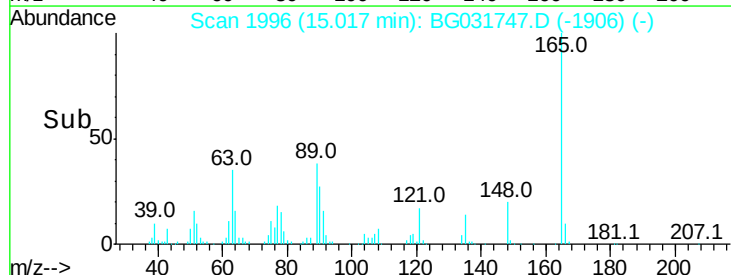
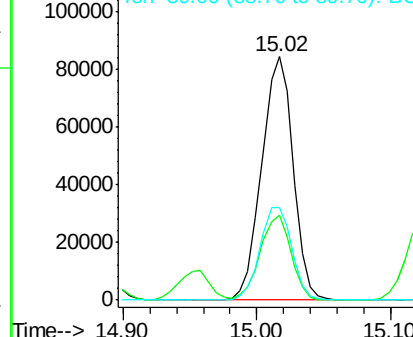
165 100

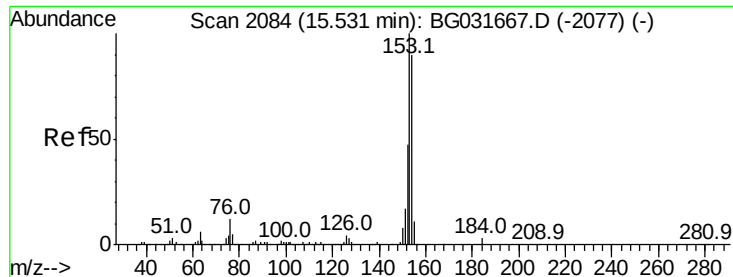
63 35.1 52.7 79.1#

89 37.9 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: 44.546 ng

RT: 15.52 min Scan# 2082

Delta R.T. -0.01 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

Instrument :

BNA\_G

ClientSampleId :

OR-02-122117-AMSD

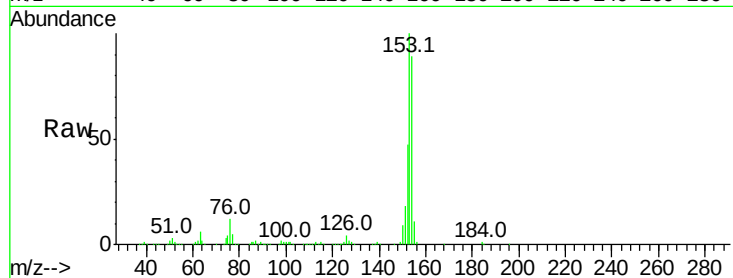
Tot Ion:154 Resp: 451300

Ion Ratio Lower Upper

154 100

153 112.8 90.4 135.6

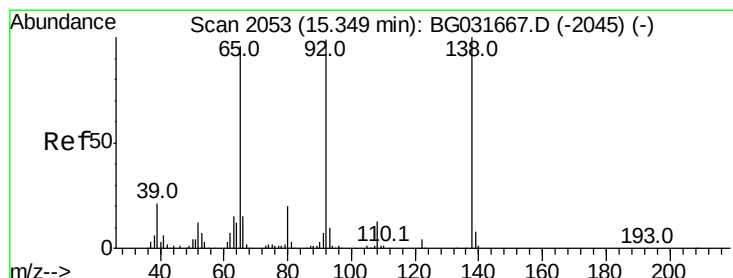
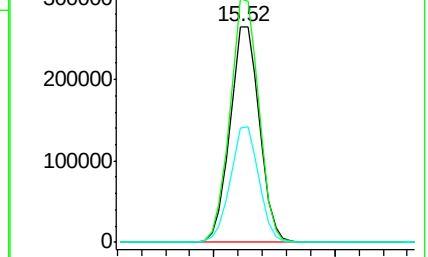
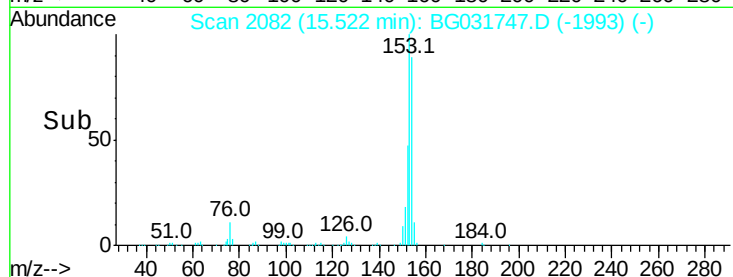
152 52.7 41.6 62.4



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: 16.086 ng

RT: 15.35 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

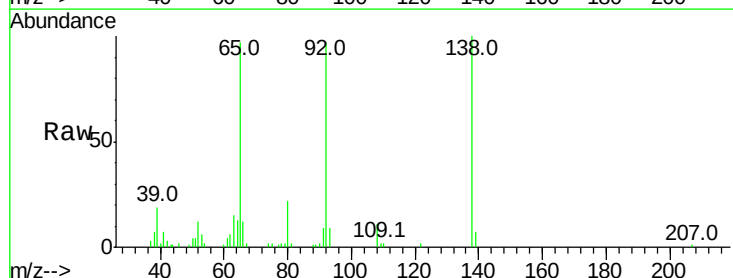
Tgt Ion:138 Resp: 37751

Ion Ratio Lower Upper

138 100

108 10.7 17.5 26.3#

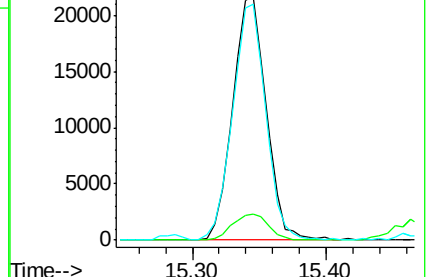
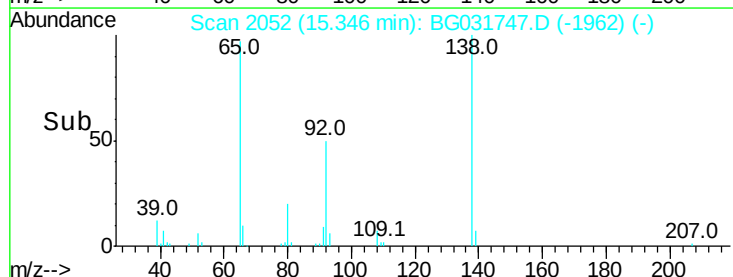
92 96.9 105.8 158.8#

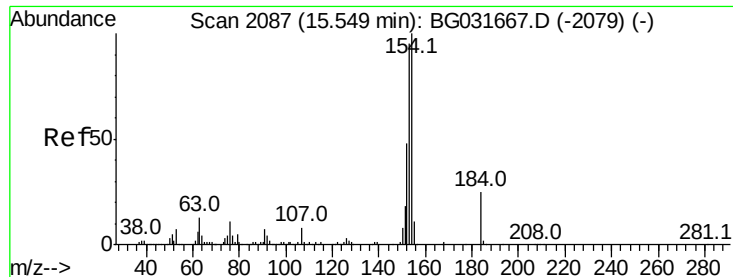


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 28.234 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

Instrument :

BNA\_G

ClientSampleId :

OR-02-122117-AMSD

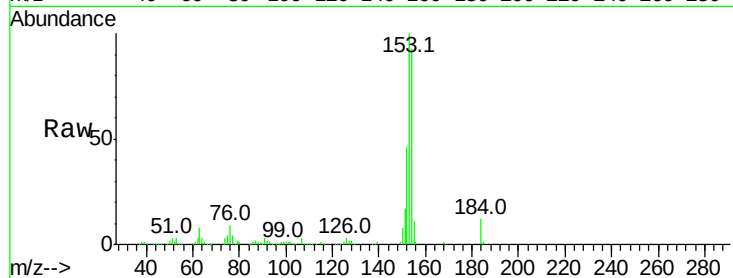
Tot Ion:184 Resp: 23272

Ion Ratio Lower Upper

184 100

63 64.2 59.8 89.8

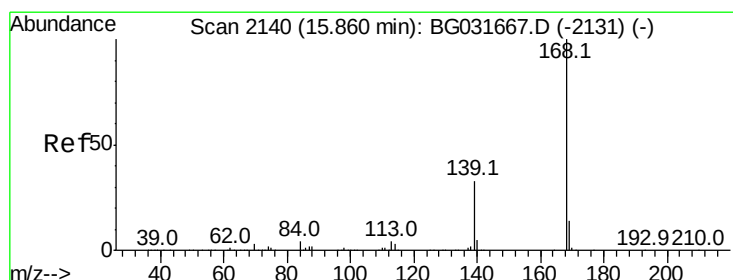
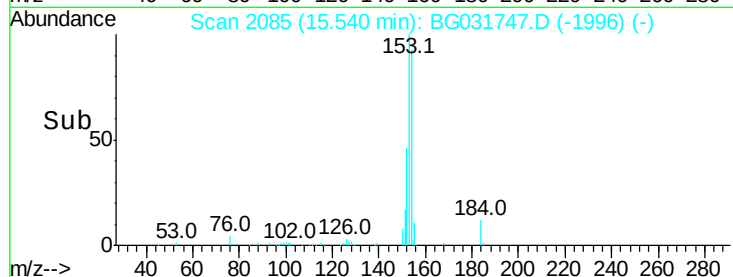
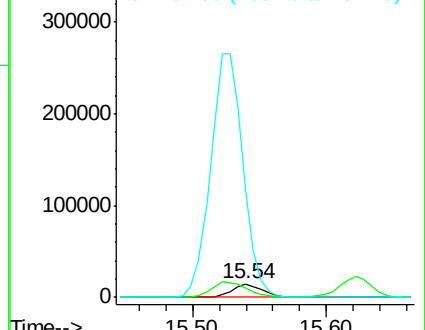
154 786.7 101.8 152.8#



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: 47.221 ng

RT: 15.85 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

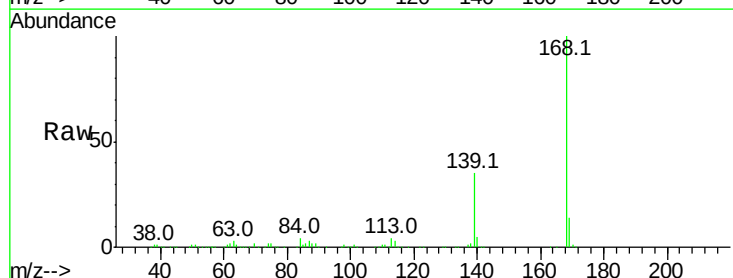
Tgt Ion:168 Resp: 733341

Ion Ratio Lower Upper

168 100

139 34.6 28.6 43.0

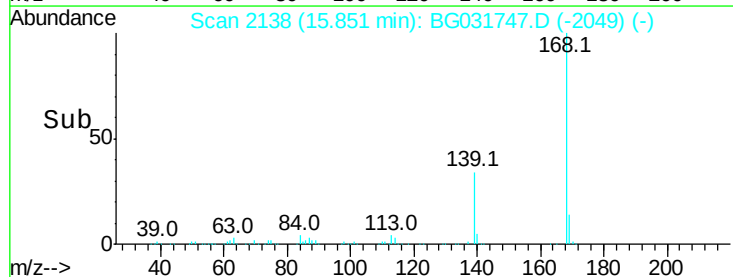
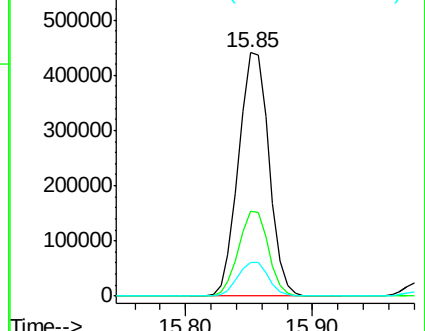
169 14.0 11.2 16.8

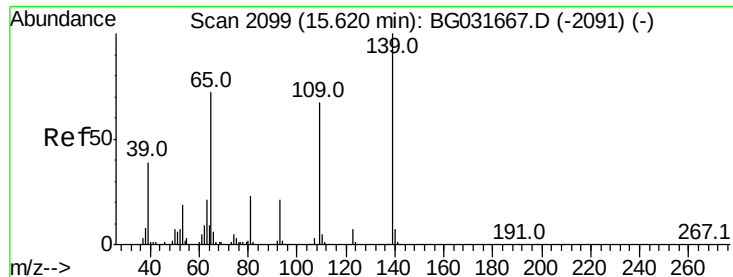


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 90.409 ng

RT: 15.62 min Scan# 2099

Delta R.T. 0.00 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

Instrument :

BNA\_G

ClientSampleId :

OR-02-122117-AMSD

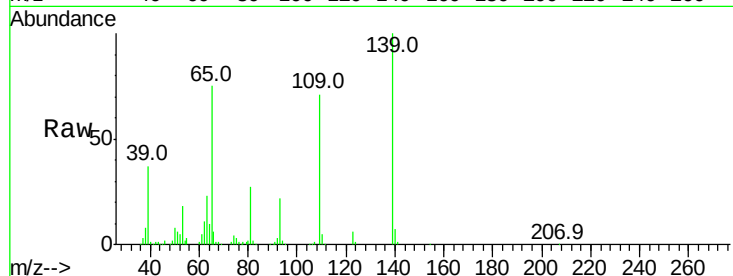
Tot Ion:139 Resp: 172687

Ion Ratio Lower Upper

139 100

109 71.4 62.2 102.2

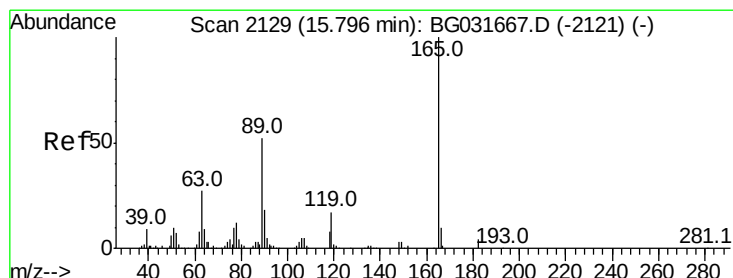
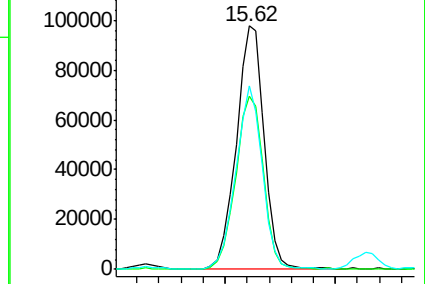
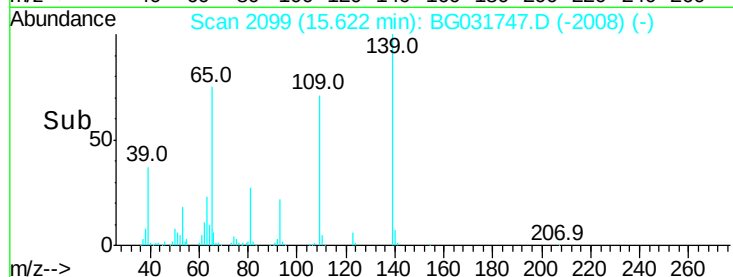
65 75.2 97.2 137.2#



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: 60.857 ng

RT: 15.79 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

Tgt Ion:165 Resp: 188231

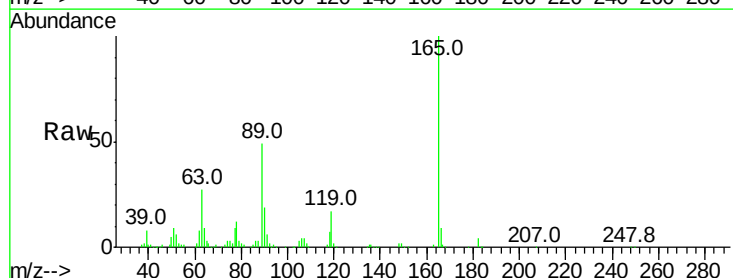
Ion Ratio Lower Upper

165 100

63 27.1 42.0 63.0#

89 48.6 66.9 100.3#

182 3.7 2.6 3.8

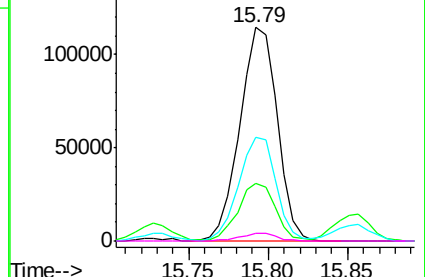
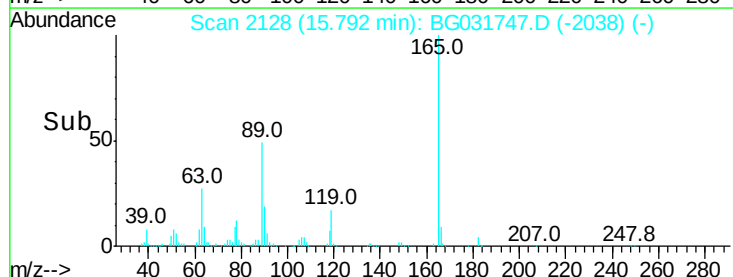


Abundance Ion 165.00 (164.70 to 165.70): E

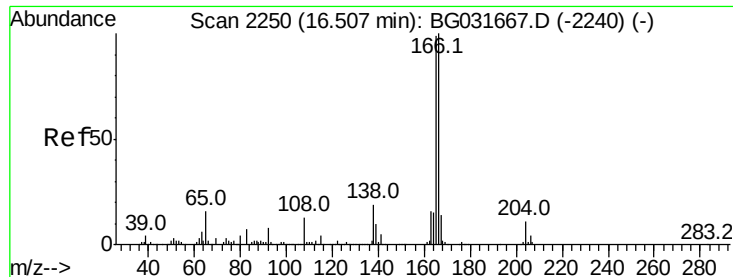
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E







#57

Fluorene

Concen: 46.364 ng

RT: 16.50 min Scan# 2248

Delta R.T. -0.01 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

Instrument :

BNA\_G

ClientSampleId :

OR-02-122117-AMSD

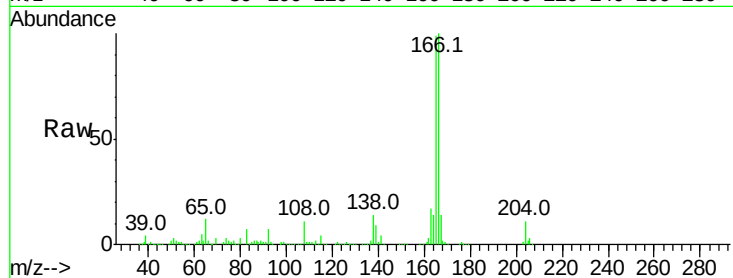
Tot Ion:166 Resp: 584929

Ion Ratio Lower Upper

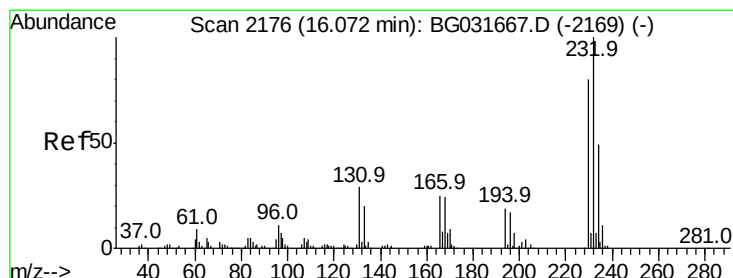
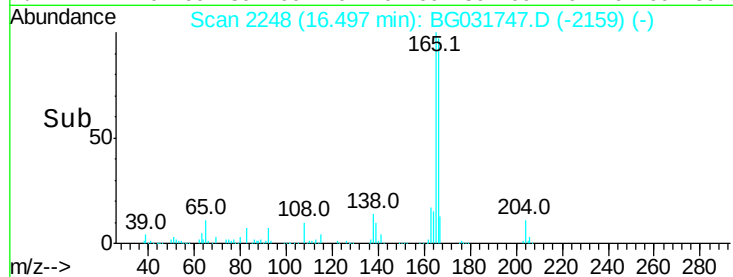
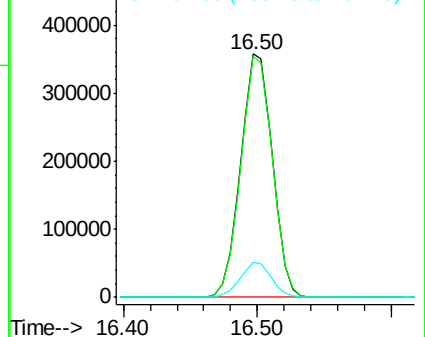
166 100

165 98.9 80.6 121.0

167 14.4 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



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.844 ng

RT: 16.06 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

Tgt Ion:232 Resp: 209844

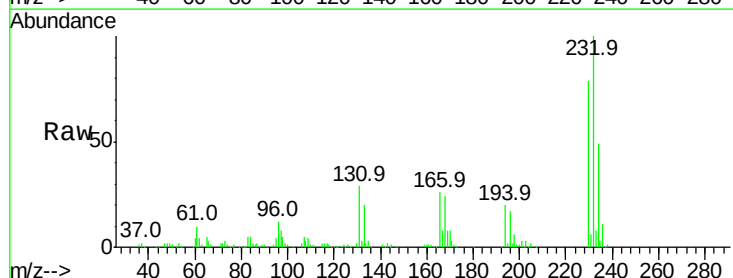
Ion Ratio Lower Upper

232 100

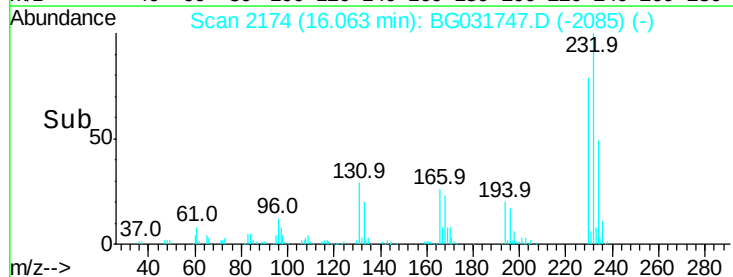
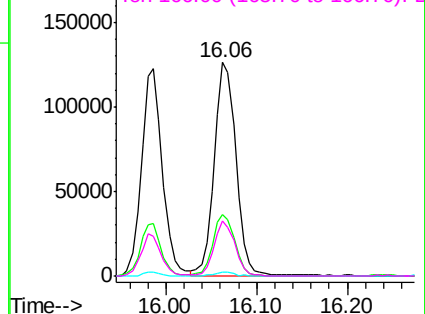
131 29.3 33.5 50.3#

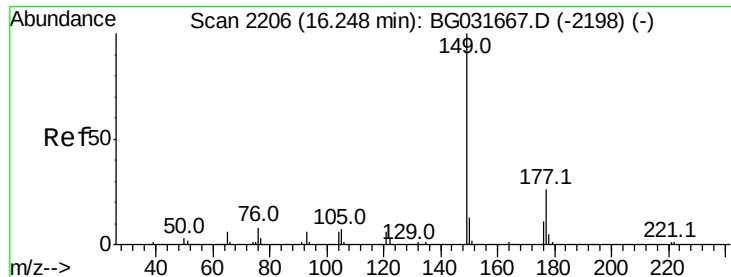
130 1.6 2.2 3.2#

166 24.9 24.8 37.2



Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

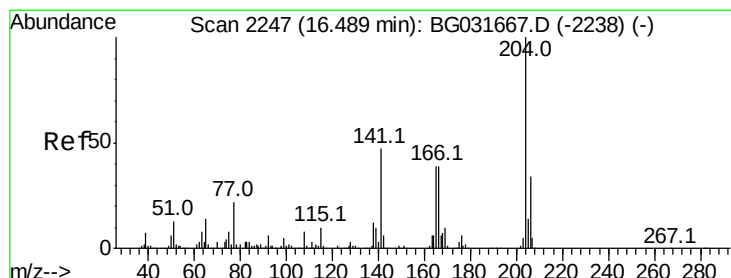
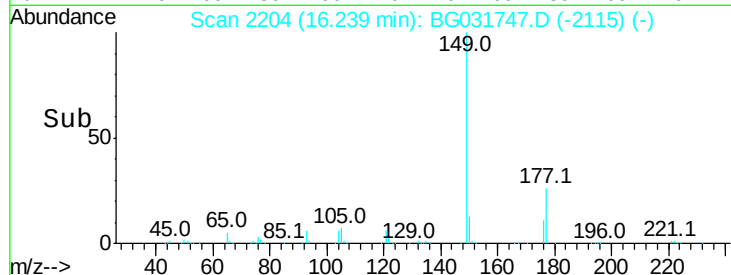
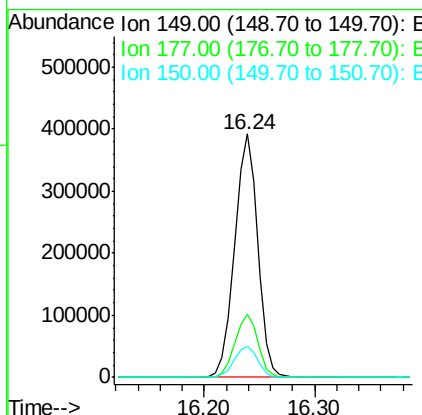
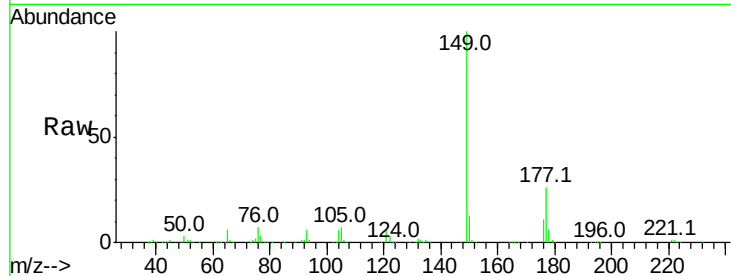




#59  
Diethylphthalate  
Concen: 45.109 ng  
RT: 16.24 min Scan# 2204  
Delta R.T. -0.01 min  
Lab File: BG031747.D  
Acq: 23 Dec 2017 13:55

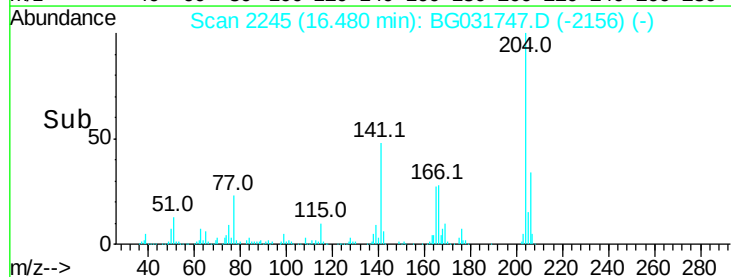
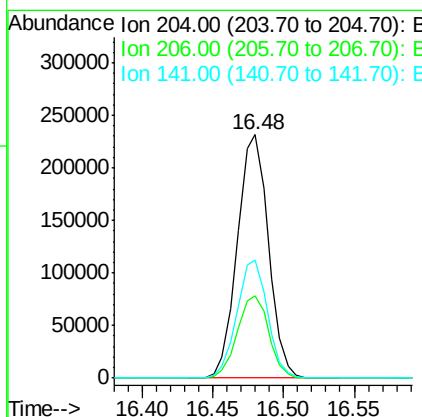
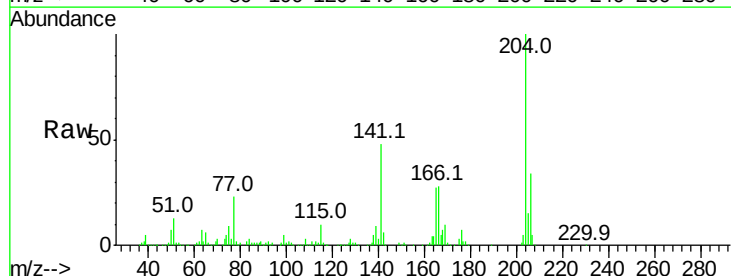
Instrument :  
BNA\_G  
ClientSampleId :  
OR-02-122117-AMSD

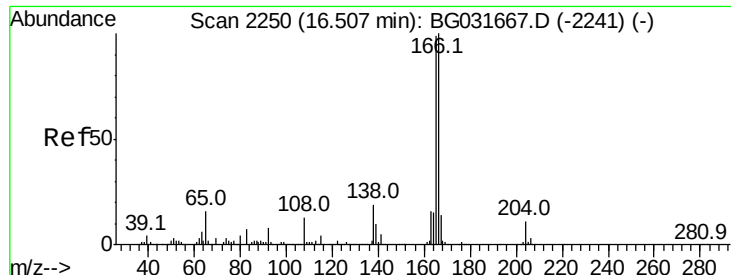
Tot Ion:149 Resp: 574875  
Ion Ratio Lower Upper  
149 100  
177 26.2 18.5 27.7  
150 12.9 10.2 15.2



#60  
4-Chlorophenyl-phenylether  
Concen: 46.123 ng  
RT: 16.48 min Scan# 2245  
Delta R.T. -0.01 min  
Lab File: BG031747.D  
Acq: 23 Dec 2017 13:55

Tgt Ion:204 Resp: 356039  
Ion Ratio Lower Upper  
204 100  
206 33.8 26.2 39.2  
141 48.4 45.8 68.6

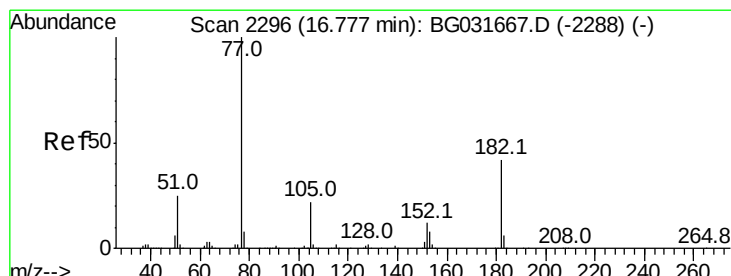
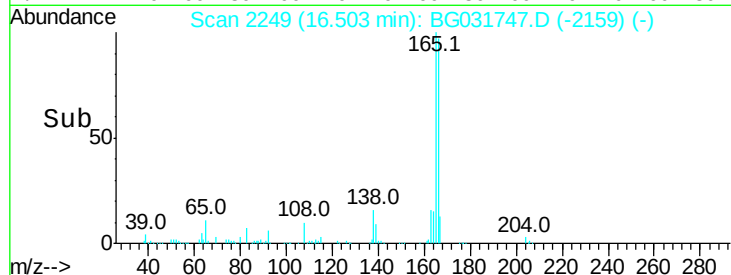
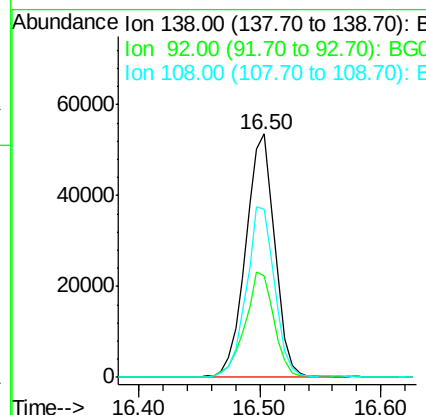
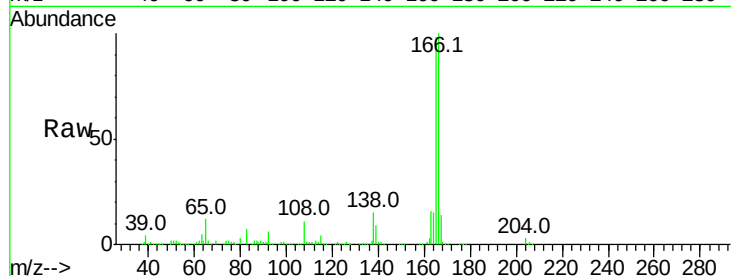




#61  
4-Nitroaniline  
Concen: 39.446 ng  
RT: 16.50 min Scan# 2249  
Delta R.T. -0.00 min  
Lab File: BG031747.D  
Acq: 23 Dec 2017 13:55

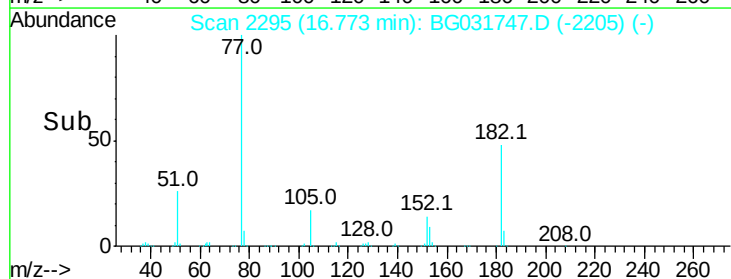
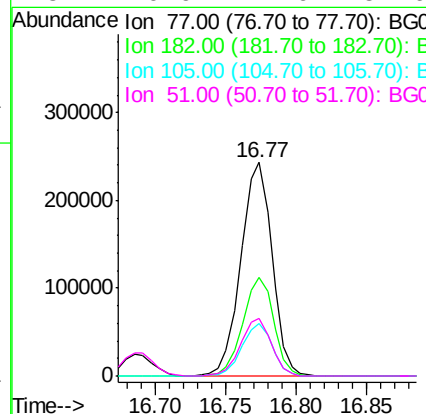
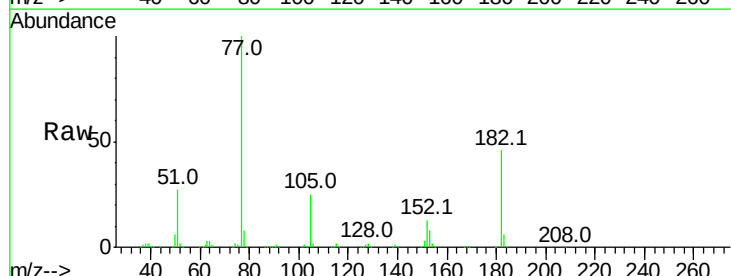
Instrument :  
BNA\_G  
ClientSampleId :  
OR-02-122117-AMSD

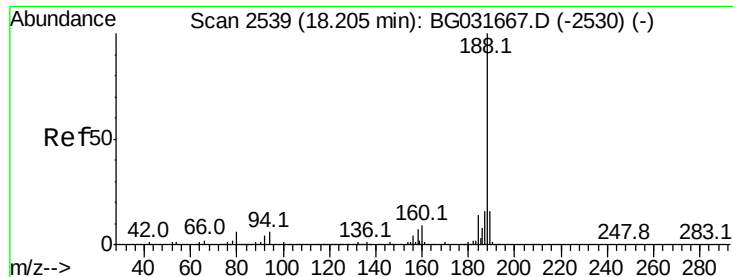
Tot Ion:138 Resp: 90334  
Ion Ratio Lower Upper  
138 100  
92 41.6 40.1 80.1  
108 68.8 65.4 105.4



#62  
Azobenzene  
Concen: 45.986 ng  
RT: 16.77 min Scan# 2295  
Delta R.T. -0.00 min  
Lab File: BG031747.D  
Acq: 23 Dec 2017 13:55

Tgt Ion: 77 Resp: 375847  
Ion Ratio Lower Upper  
77 100  
182 46.4 7.4 47.4  
105 24.7 0.3 40.3  
51 26.9 11.6 51.6

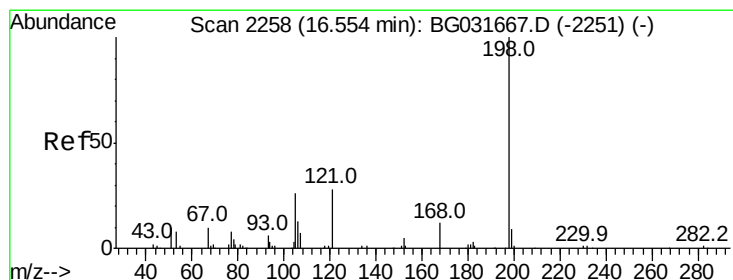
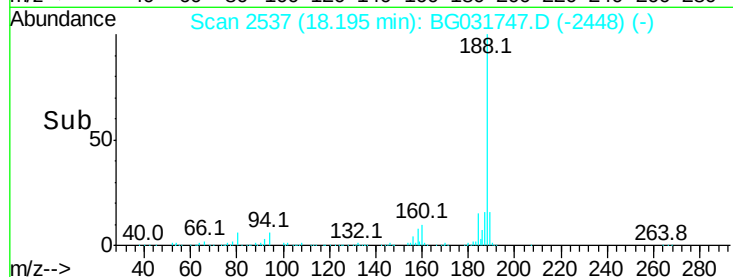
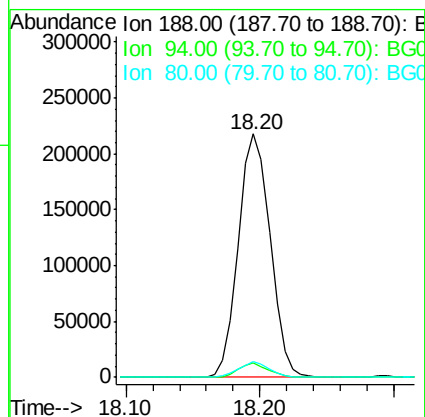
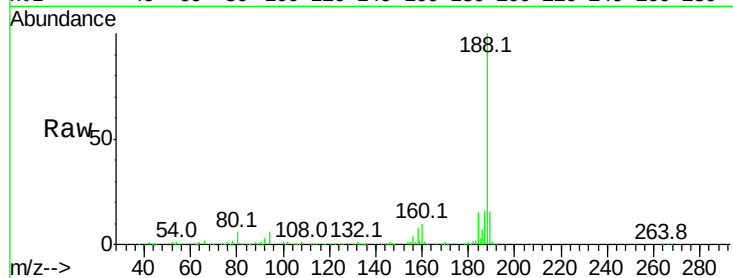




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 18.20 min Scan# 2537  
Delta R.T. -0.01 min  
Lab File: BG031747.D  
Acq: 23 Dec 2017 13:55

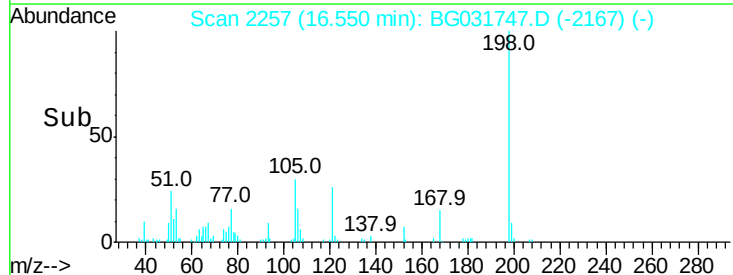
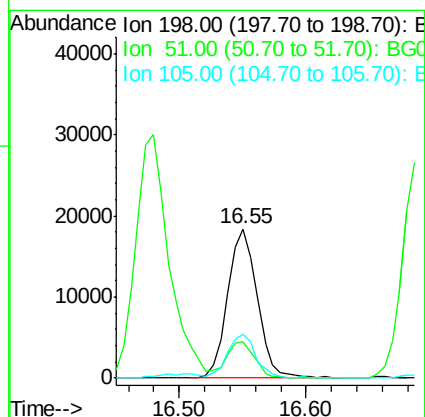
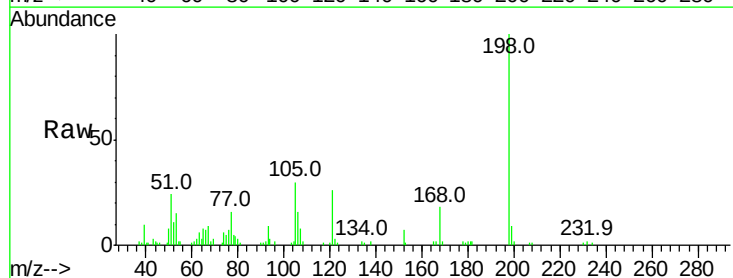
Instrument :  
BNA\_G  
ClientSampleId :  
OR-02-122117-AMSD

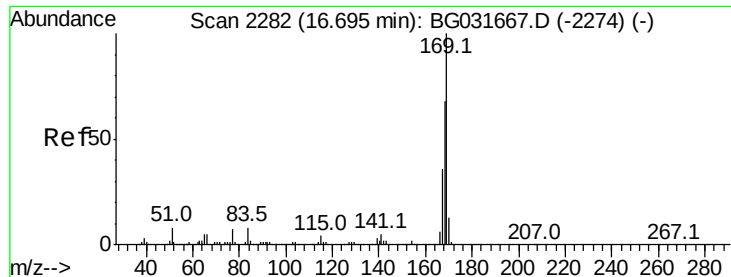
Tot Ion:188 Resp: 359074  
Ion Ratio Lower Upper  
188 100  
94 6.0 6.9 10.3#  
80 6.3 7.7 11.5#



#64  
4,6-Dinitro-2-methylphenol  
Concen: 22.321 ng  
RT: 16.55 min Scan# 2257  
Delta R.T. -0.00 min  
Lab File: BG031747.D  
Acq: 23 Dec 2017 13:55

Tgt Ion:198 Resp: 29606  
Ion Ratio Lower Upper  
198 100  
51 24.1 30.6 70.6#  
105 29.6 23.8 63.8

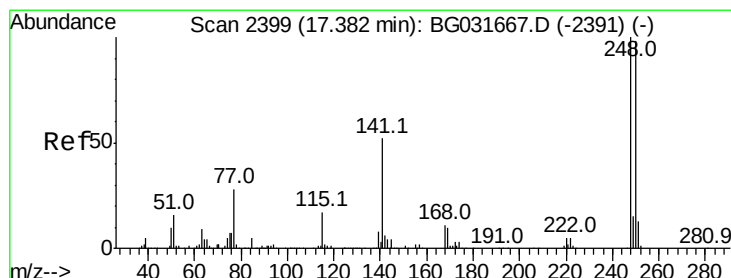
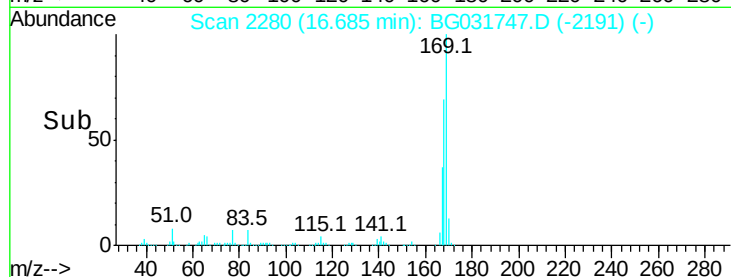
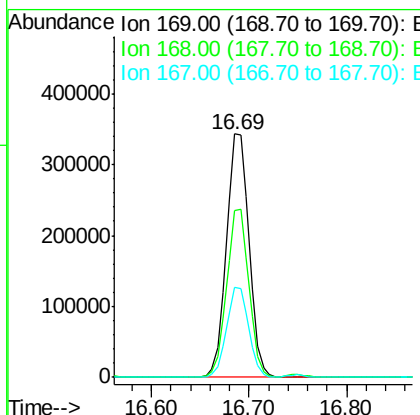
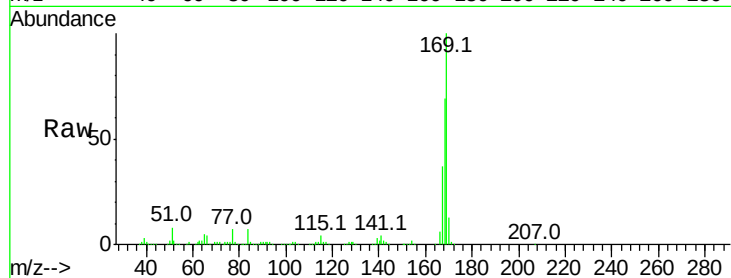




#65  
n-Nitrosodiphenylamine  
Concen: 46.065 ng  
RT: 16.69 min Scan# 2280  
Delta R.T. -0.01 min  
Lab File: BG031747.D  
Acq: 23 Dec 2017 13:55

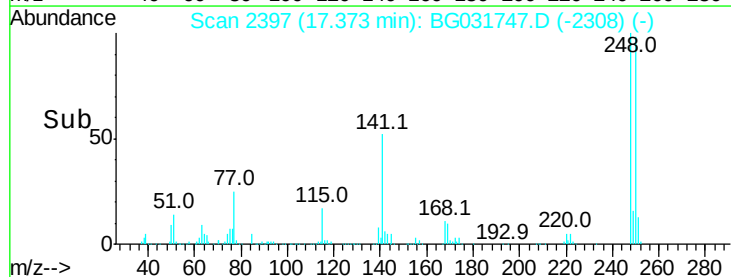
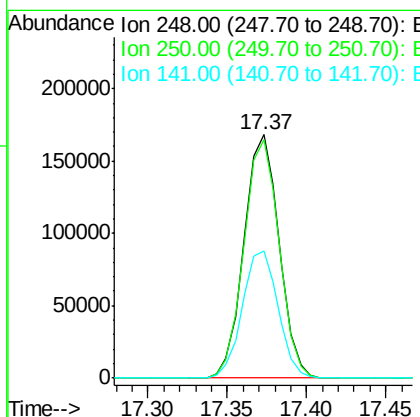
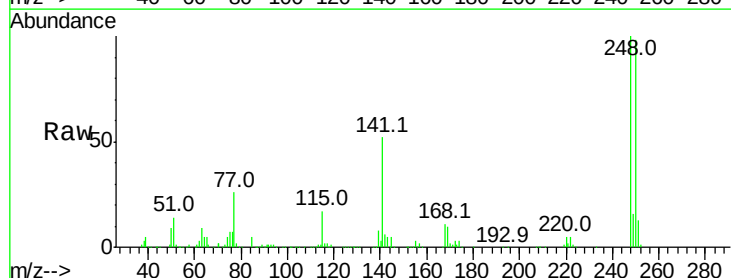
Instrument :  
BNA\_G  
ClientSampleId :  
OR-02-122117-AMSD

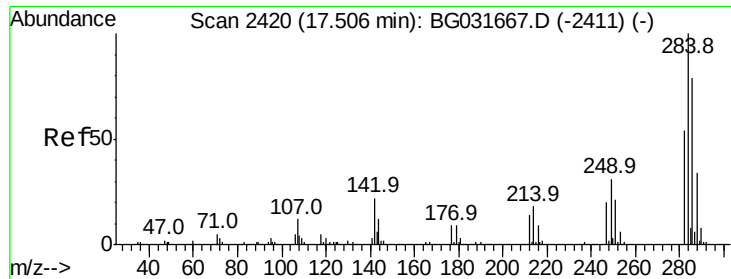
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 68.6  | 55.7  | 83.5  |
| 167     | 37.2  | 30.1  | 45.1  |



#66  
4-Bromophenyl-phenylether  
Concen: 49.874 ng  
RT: 17.37 min Scan# 2397  
Delta R.T. -0.01 min  
Lab File: BG031747.D  
Acq: 23 Dec 2017 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.8  | 77.1  | 115.7 |
| 141     | 52.3  | 50.8  | 76.2  |





#67

Hexachlorobenzene

Concen: 50.263 ng

RT: 17.50 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

Instrument :

BNA\_G

ClientSampleId :

OR-02-122117-AMSD

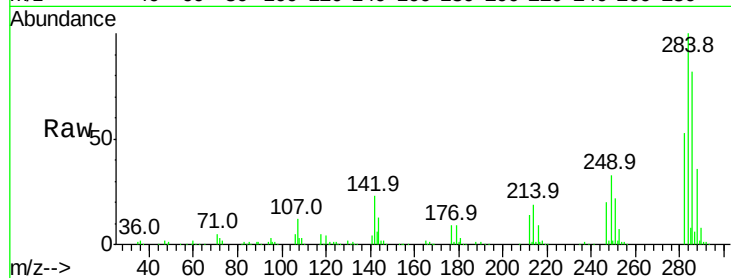
Tot Ion:284 Resp: 266796

Ion Ratio Lower Upper

284 100

142 22.7 26.8 40.2#

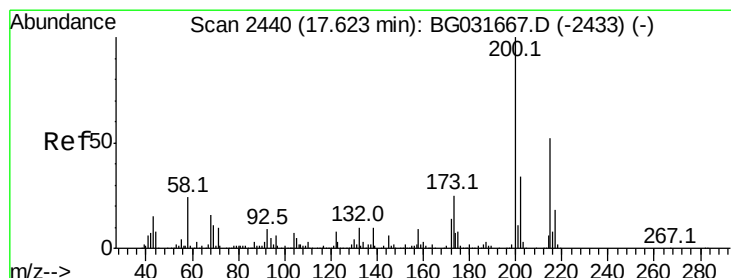
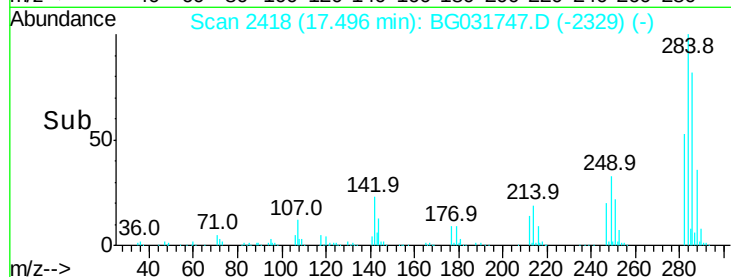
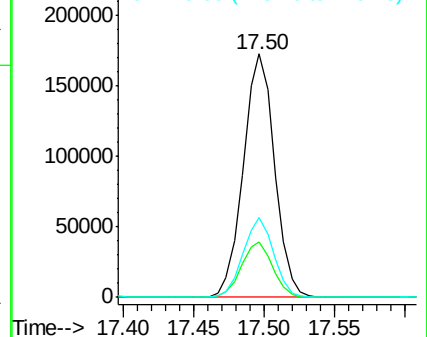
249 32.8 26.3 39.5



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: 50.434 ng

RT: 17.61 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

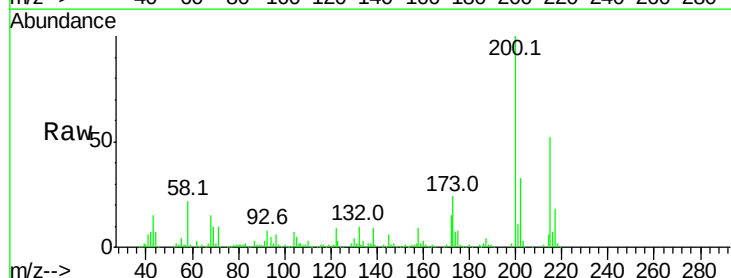
Tgt Ion:200 Resp: 233873

Ion Ratio Lower Upper

200 100

173 24.3 5.2 45.2

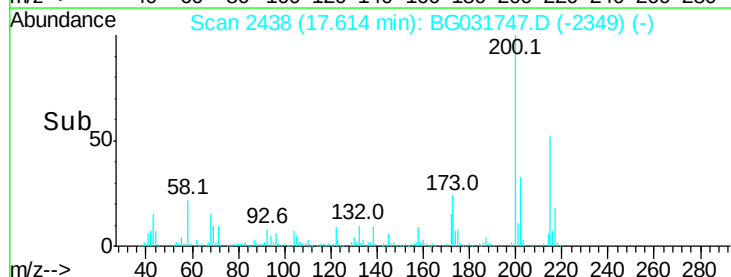
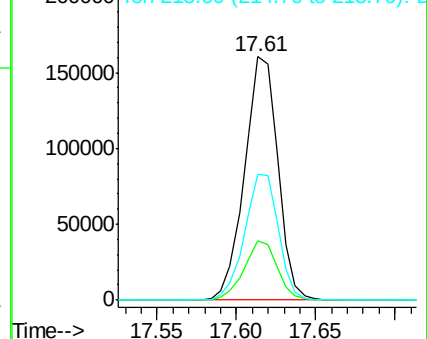
215 51.8 30.4 70.4

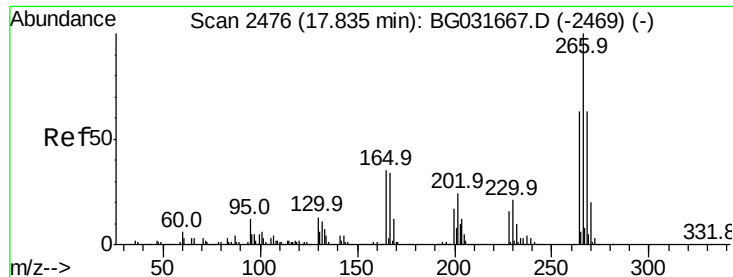


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

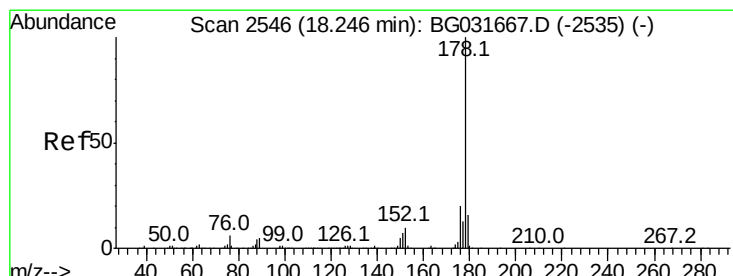
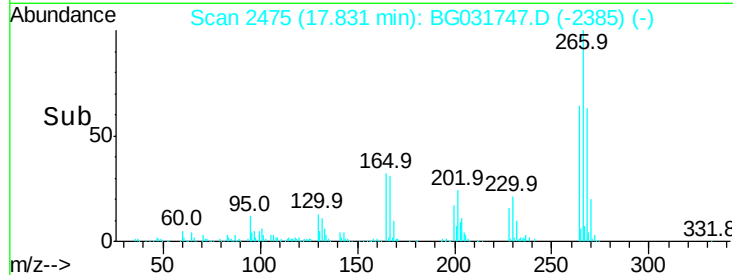
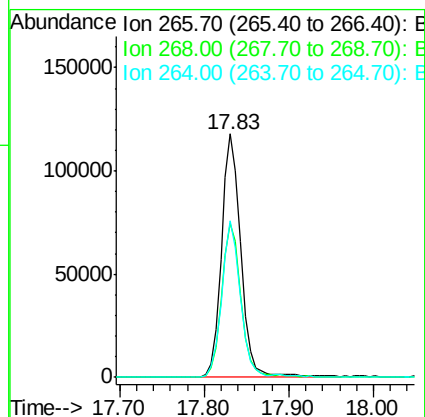
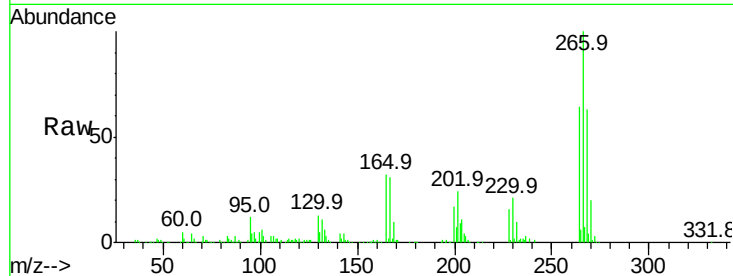




#69  
 Pentachlorophenol  
 Concen: 51.783 ng  
 RT: 17.83 min Scan# 2475  
 Delta R.T. -0.00 min  
 Lab File: BG031747.D  
 Acq: 23 Dec 2017 13:55

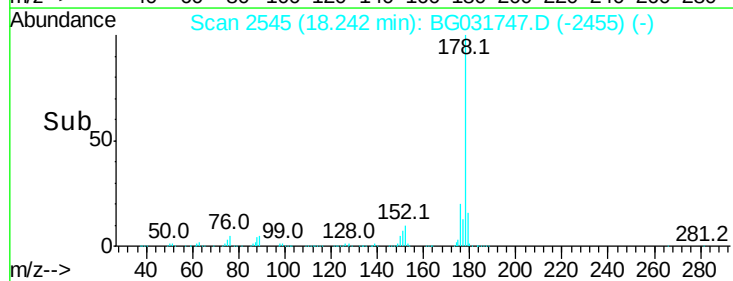
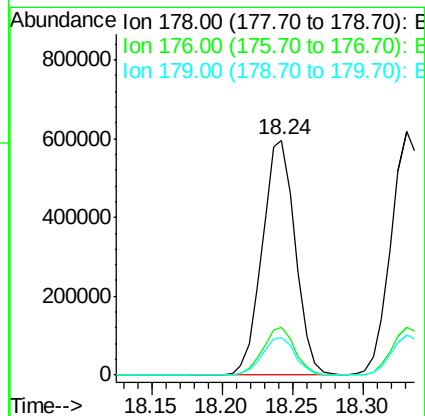
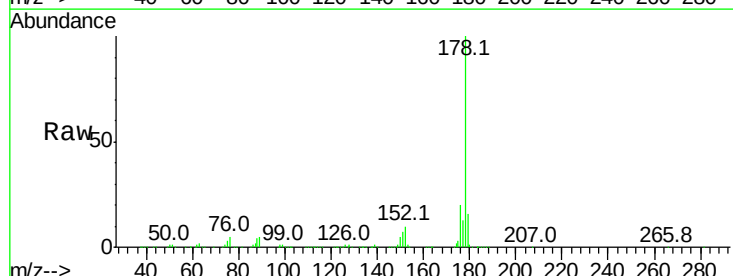
Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-02-122117-AMSD

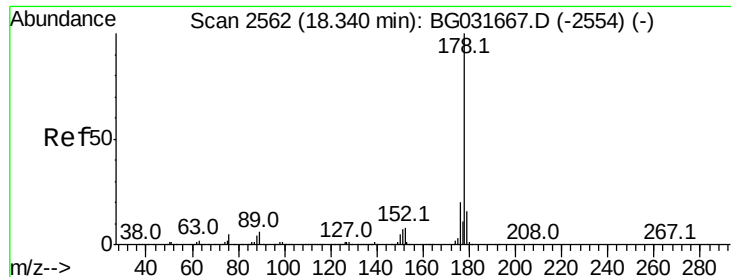
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 266   | Resp: | 189057 |
| Ion      | Ratio | Lower | Upper  |
| 266      | 100   |       |        |
| 268      | 63.2  | 51.1  | 76.7   |
| 264      | 64.5  | 49.6  | 74.4   |



#70  
 Phenanthrene  
 Concen: 48.110 ng  
 RT: 18.24 min Scan# 2545  
 Delta R.T. -0.00 min  
 Lab File: BG031747.D  
 Acq: 23 Dec 2017 13:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 178   | Resp: | 977631 |
| Ion      | Ratio | Lower | Upper  |
| 178      | 100   |       |        |
| 176      | 20.2  | 15.7  | 23.5   |
| 179      | 15.8  | 12.5  | 18.7   |





#71

Anthracene

Concen: 48.552 ng

RT: 18.33 min Scan# 2560

Delta R.T. -0.01 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

Instrument :

BNA\_G

ClientSampleId :

OR-02-122117-AMSD

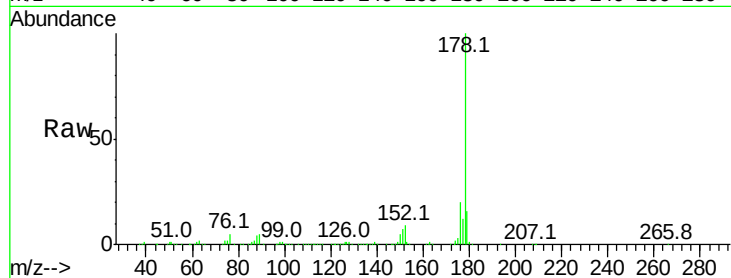
Tot Ion:178 Resp: 995250

Ion Ratio Lower Upper

178 100

176 19.5 16.0 24.0

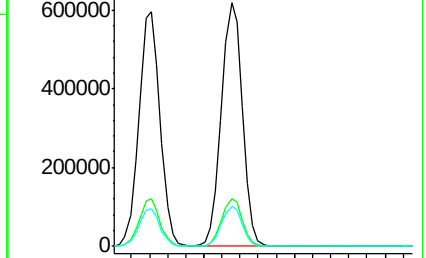
179 16.5 12.5 18.7



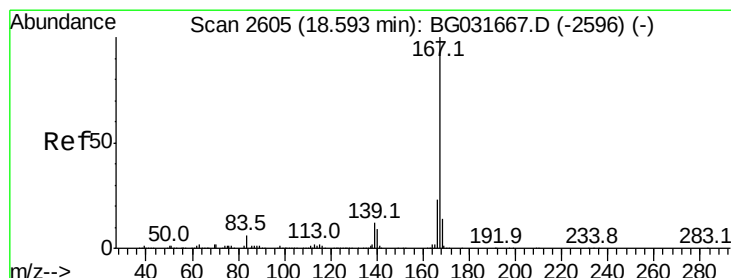
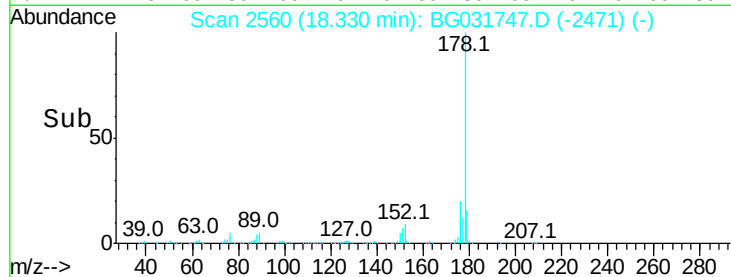
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Carbazole

Concen: 47.100 ng

RT: 18.58 min Scan# 2603

Delta R.T. -0.01 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

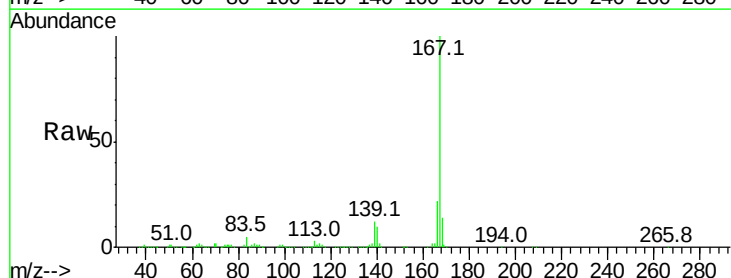
Tgt Ion:167 Resp: 854542

Ion Ratio Lower Upper

167 100

166 22.4 18.2 27.4

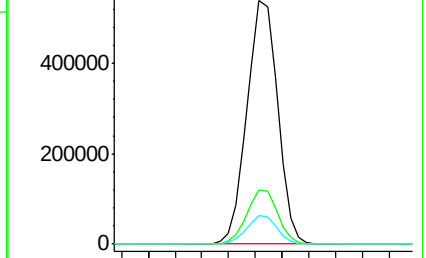
139 11.6 9.4 14.2



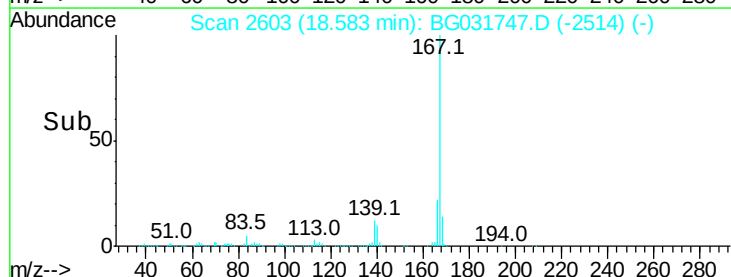
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

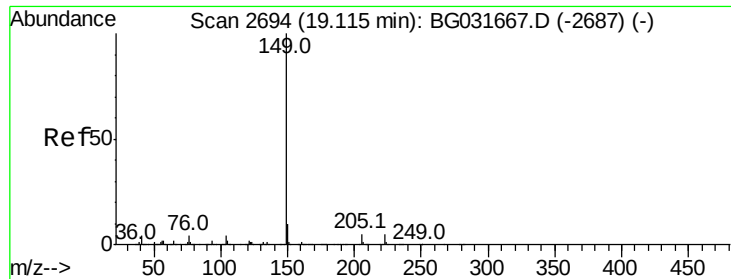
Ion 139.00 (138.70 to 139.70): E



Time-->



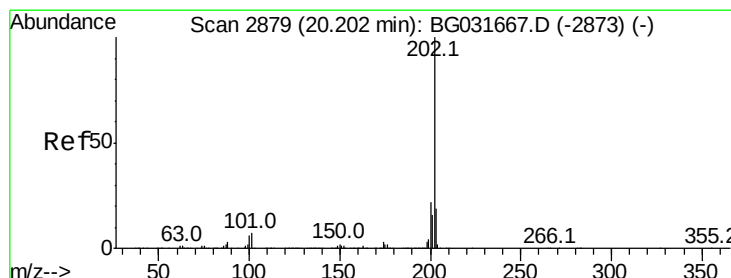
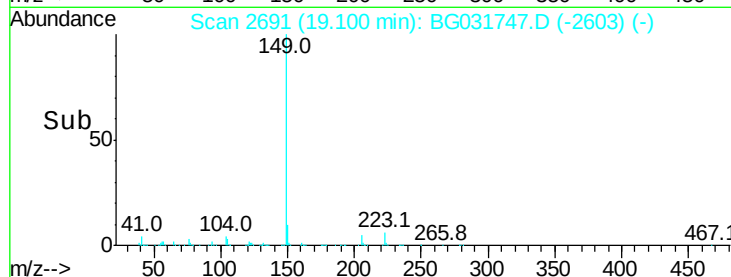
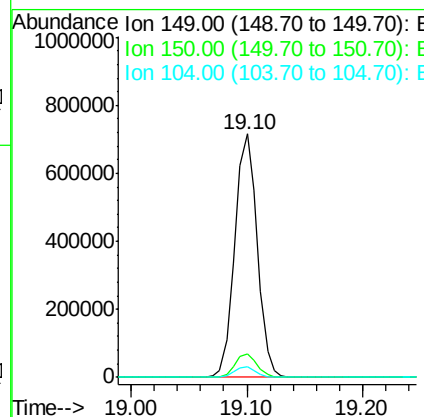
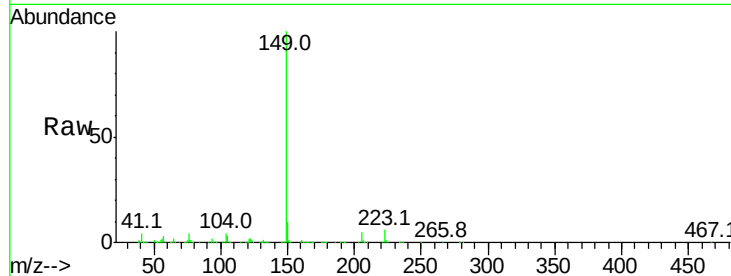




#73  
Di-n-butylphthalate  
Concen: 47.615 ng  
RT: 19.10 min Scan# 2691  
Delta R.T. -0.02 min  
Lab File: BG031747.D  
Acq: 23 Dec 2017 13:55

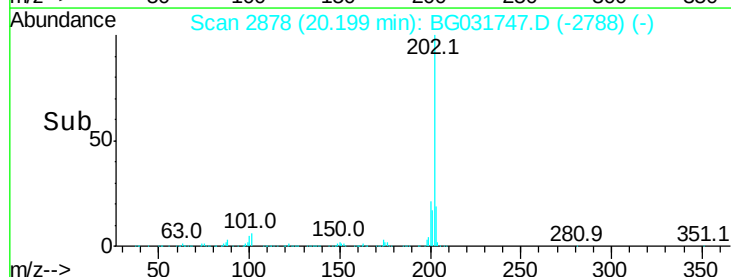
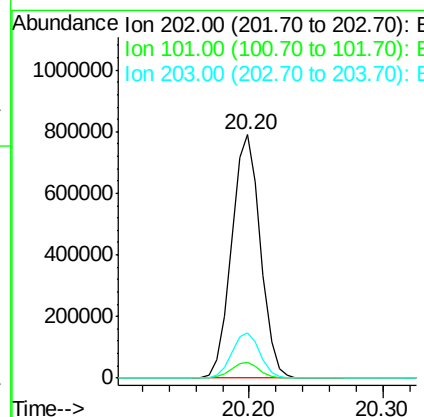
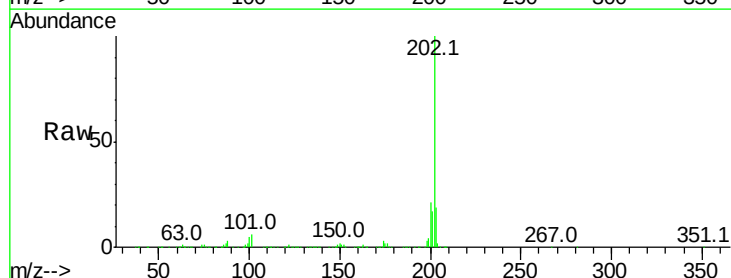
Instrument :  
BNA\_G  
ClientSampleId :  
OR-02-122117-AMSD

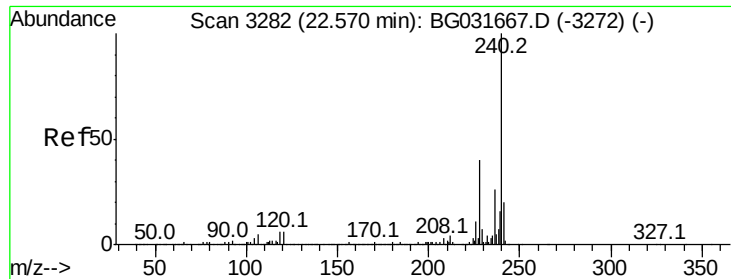
Tot Ion:149 Resp: 960061  
Ion Ratio Lower Upper  
149 100  
150 9.9 7.8 11.6  
104 4.5 3.9 5.9



#74  
Fluoranthene  
Concen: 47.569 ng  
RT: 20.20 min Scan# 2878  
Delta R.T. -0.00 min  
Lab File: BG031747.D  
Acq: 23 Dec 2017 13:55

Tgt Ion:202 Resp: 1186087  
Ion Ratio Lower Upper  
202 100  
101 6.4 0.0 28.9  
203 18.8 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. -0.01 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

Instrument :

BNA\_G

ClientSampleId :

OR-02-122117-AMSD

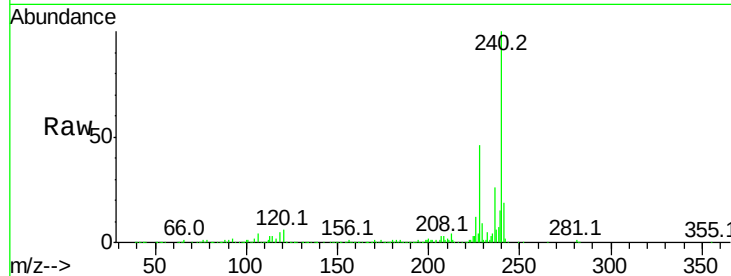
Tot Ion:240 Resp: 408183

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

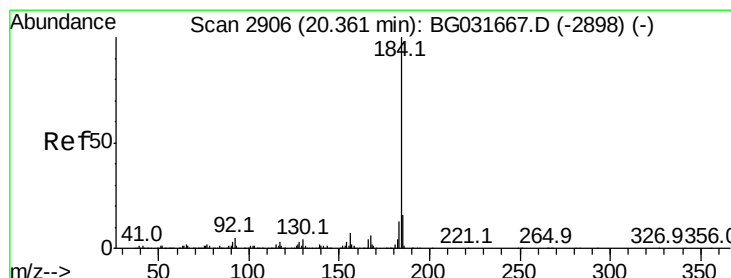
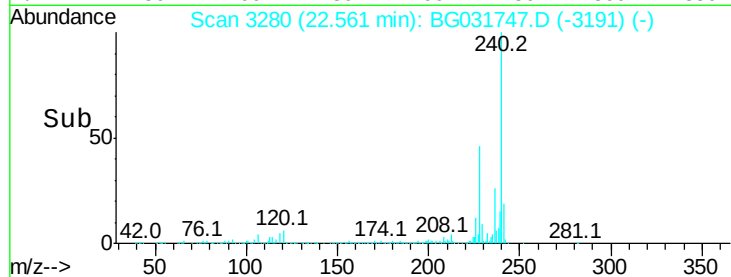
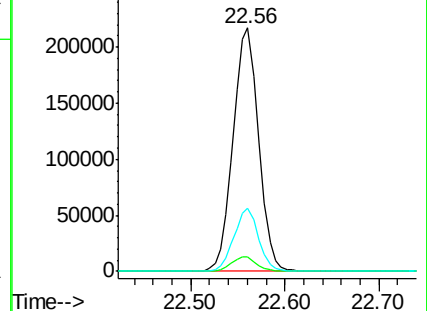
236 25.9 20.9 31.3



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: 14.746 ng

RT: 20.35 min Scan# 2904

Delta R.T. -0.01 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

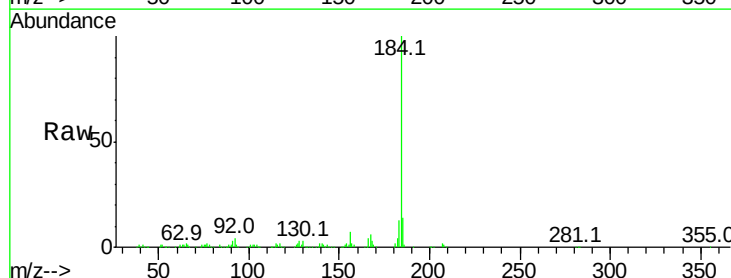
Tgt Ion:184 Resp: 185780

Ion Ratio Lower Upper

184 100

185 14.4 11.1 16.7

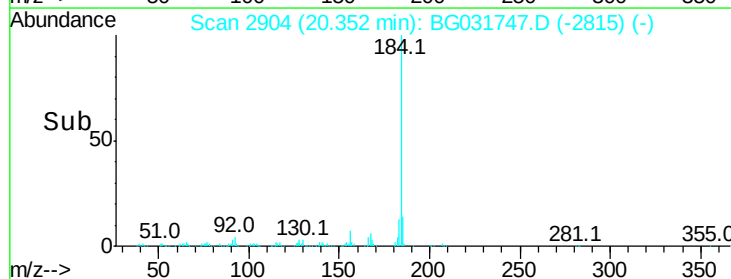
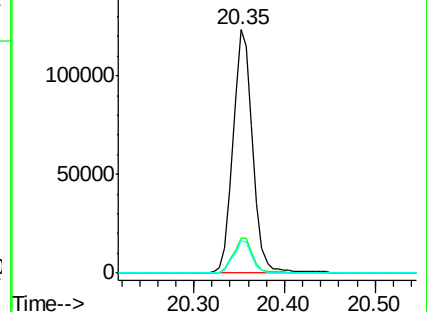
183 13.1 10.6 16.0

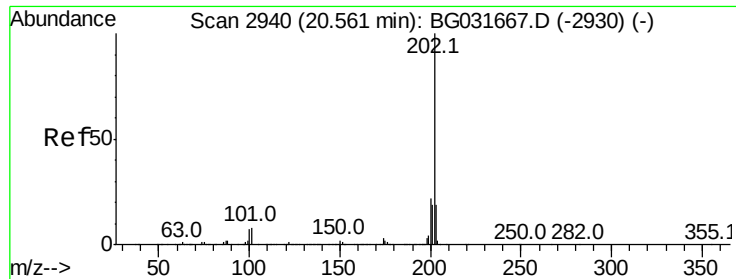


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.262 ng

RT: 20.56 min Scan# 2939

Delta R.T. -0.00 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

Instrument :

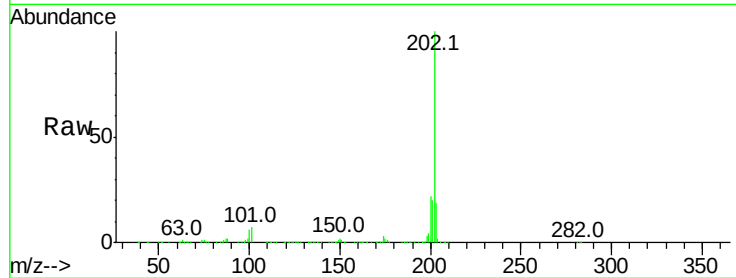
BNA\_G

ClientSampleId :

OR-02-122117-AMSD

Tot Ion:202 Resp: 1206205

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 22.2  | 16.9  | 25.3  |
| 203 | 18.7  | 13.9  | 20.9  |

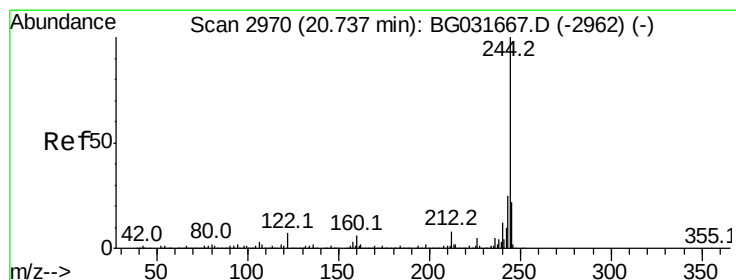
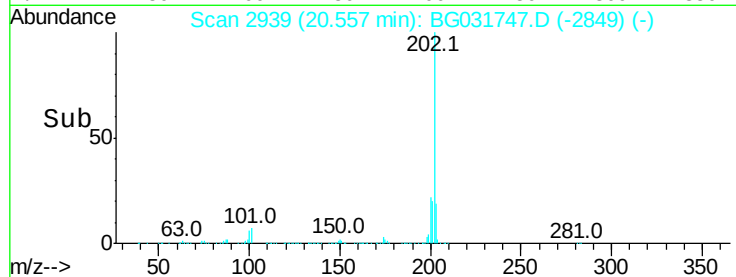
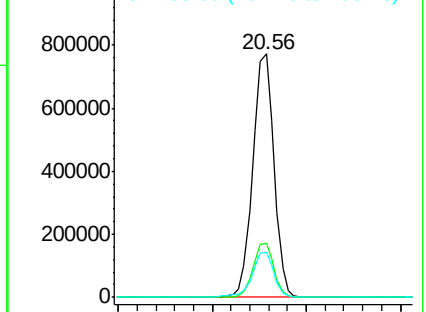


Abundance

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: 107.702 ng

RT: 20.73 min Scan# 2968

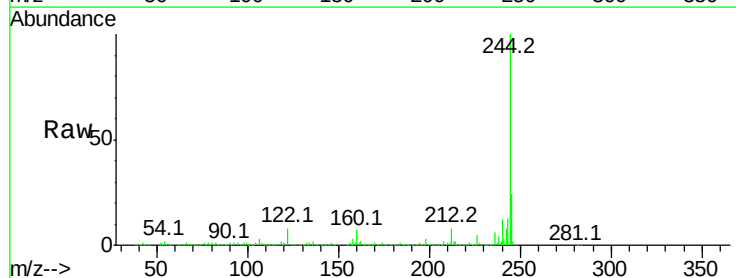
Delta R.T. -0.01 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

Tgt Ion:244 Resp: 1924243

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.9   | 5.8   | 8.8   |
| 122 | 7.7   | 7.0   | 10.4  |

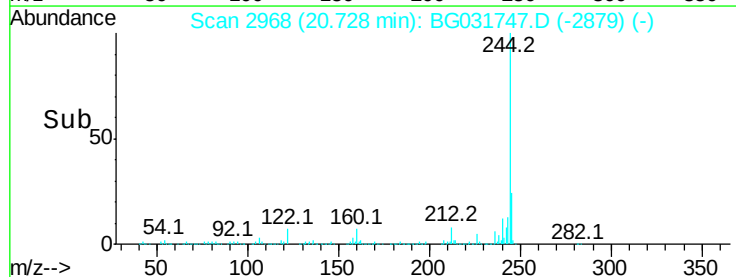
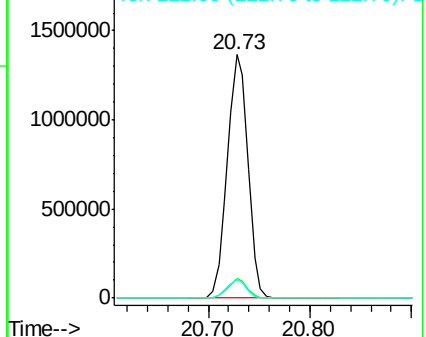


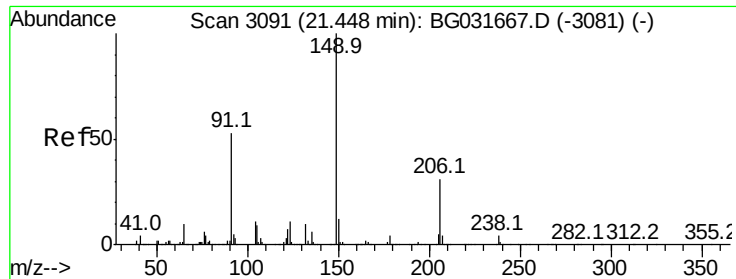
Abundance

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

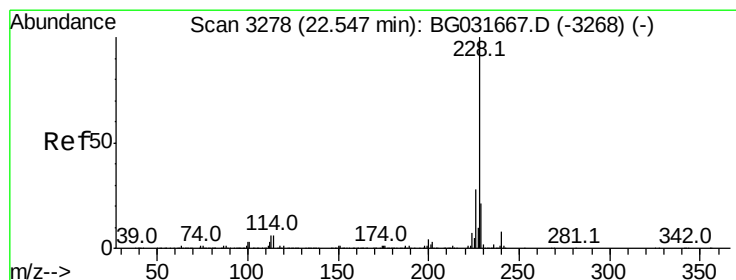
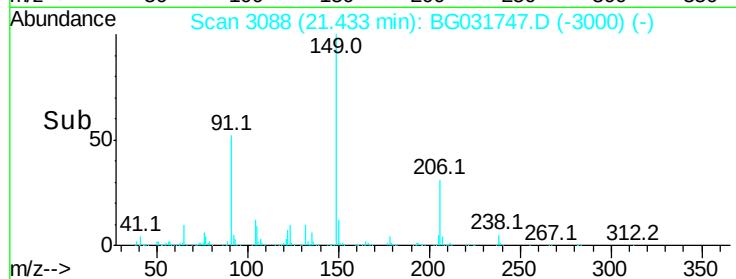
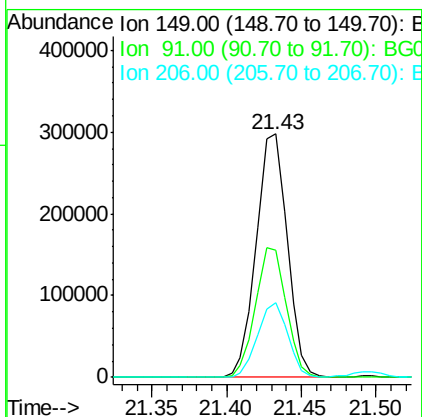
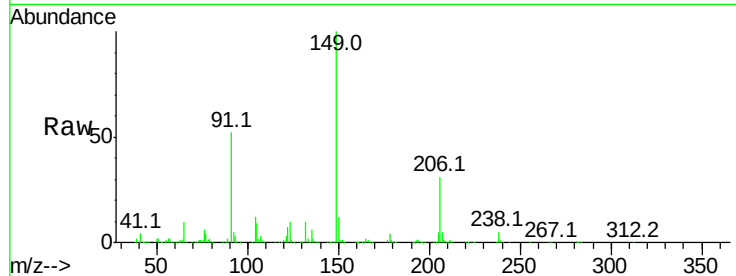




#79  
Butylbenzylphthalate  
Concen: 48.887 ng  
RT: 21.43 min Scan# 3088  
Delta R.T. -0.02 min  
Lab File: BG031747.D  
Acq: 23 Dec 2017 13:55

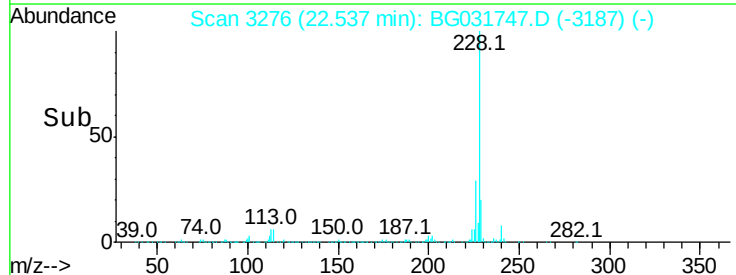
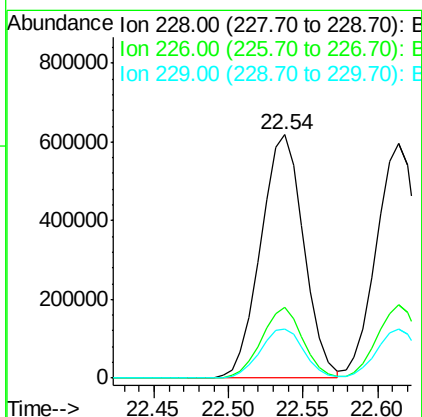
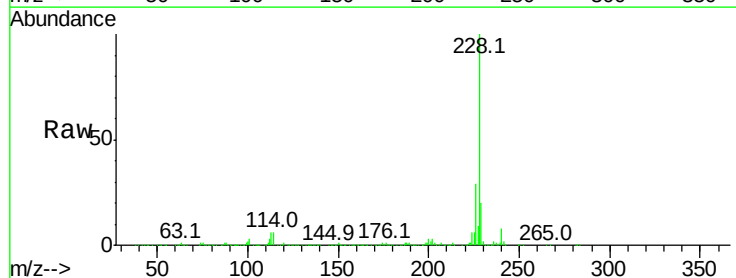
Instrument :  
BNA\_G  
ClientSampleId :  
OR-02-122117-AMSD

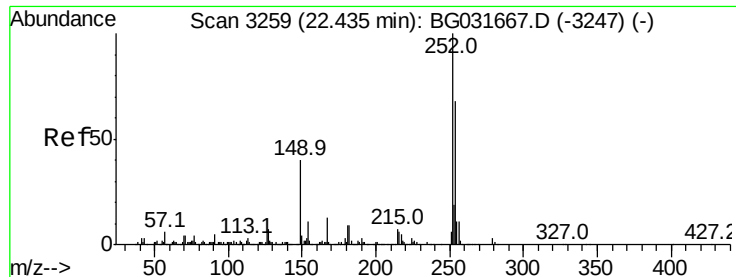
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 52.3  | 62.2  | 93.2# |
| 206     | 30.9  | 18.6  | 27.8# |



#80  
Benzo(a)anthracene  
Concen: 47.692 ng  
RT: 22.54 min Scan# 3276  
Delta R.T. -0.01 min  
Lab File: BG031747.D  
Acq: 23 Dec 2017 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.0  | 22.7  | 34.1  |
| 229     | 20.3  | 16.2  | 24.2  |

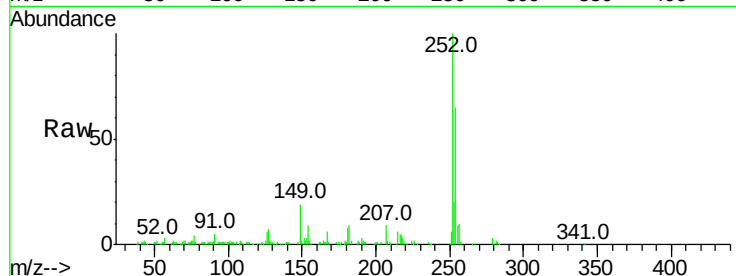




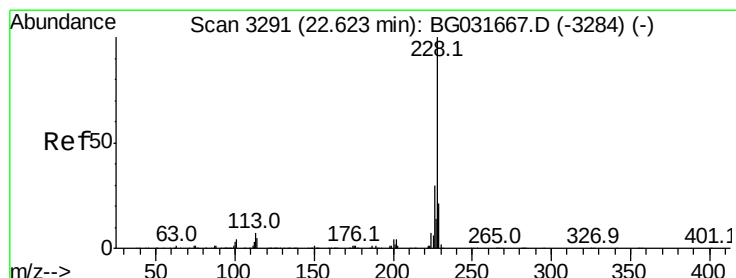
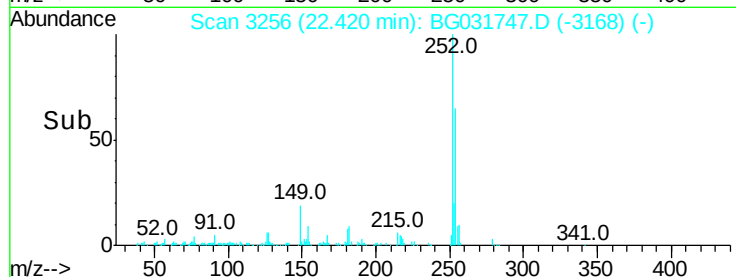
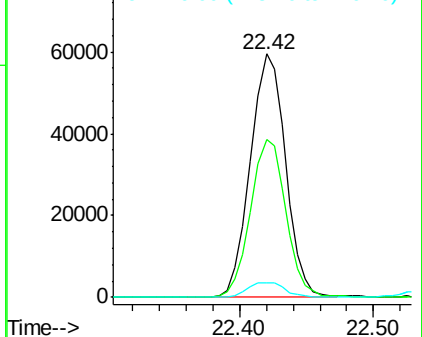
#81  
 3,3'-Dichlorobenzidine  
 Concen: 10.767 ng  
 RT: 22.42 min Scan# 3256  
 Delta R.T. -0.02 min  
 Lab File: BG031747.D  
 Acq: 23 Dec 2017 13:55

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-02-122117-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.7  | 50.8  | 76.2  |
| 126     | 6.2   | 7.4   | 11.2# |

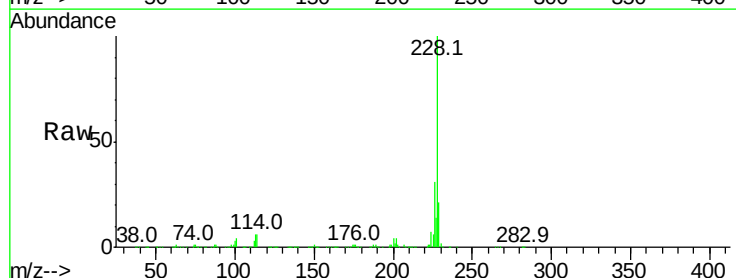


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

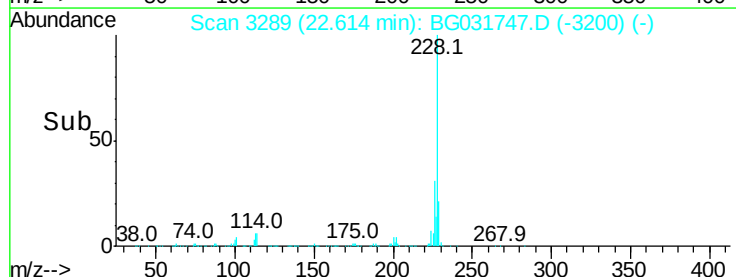
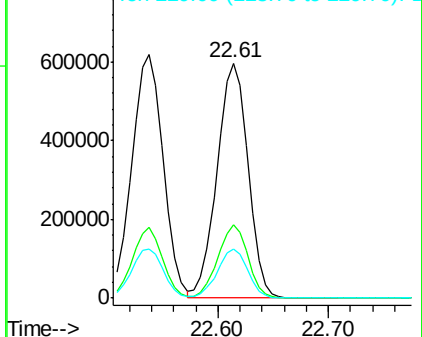


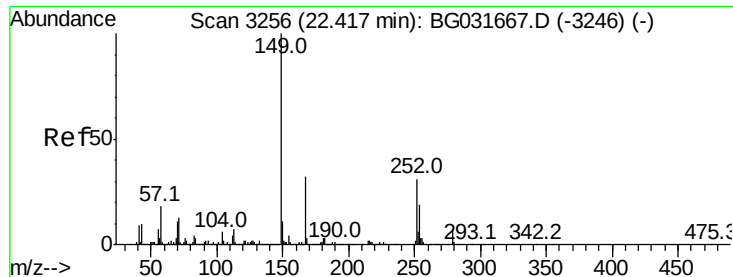
#82  
 Chrysene  
 Concen: 47.473 ng  
 RT: 22.61 min Scan# 3289  
 Delta R.T. -0.01 min  
 Lab File: BG031747.D  
 Acq: 23 Dec 2017 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.2  | 24.9  | 37.3  |
| 229     | 20.8  | 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: 47.636 ng

RT: 22.39 min Scan# 3251

Delta R.T. -0.03 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

Instrument :

BNA\_G

ClientSampleId :

OR-02-122117-AMSD

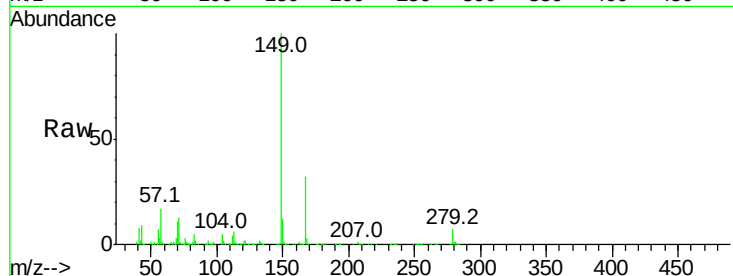
Tot Ion:149 Resp: 604069

Ion Ratio Lower Upper

149 100

167 31.9 24.3 36.5

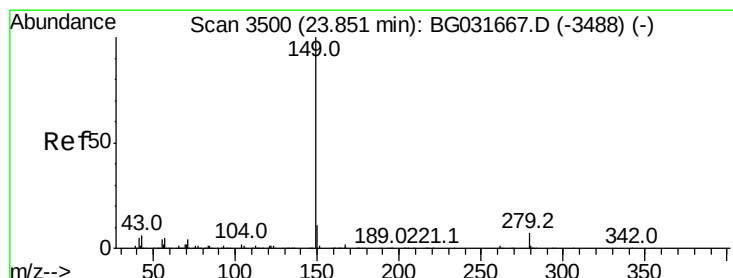
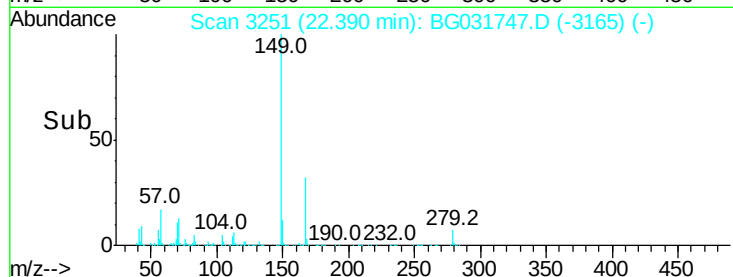
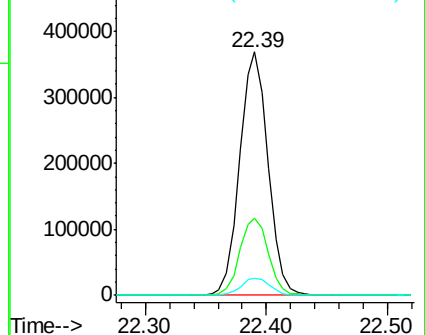
279 7.2 4.0 6.0#



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: 49.106 ng

RT: 23.81 min Scan# 3493

Delta R.T. -0.04 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

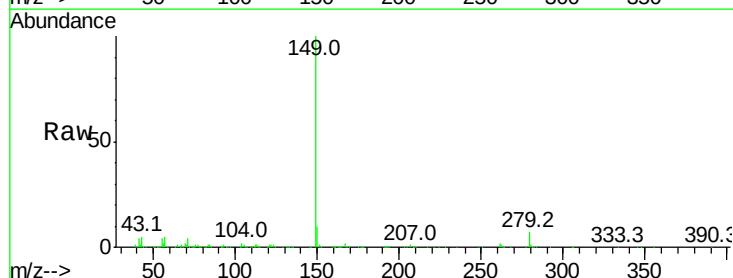
Tgt Ion:149 Resp: 1048726

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

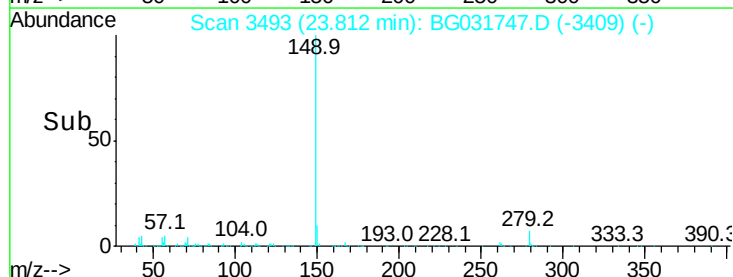
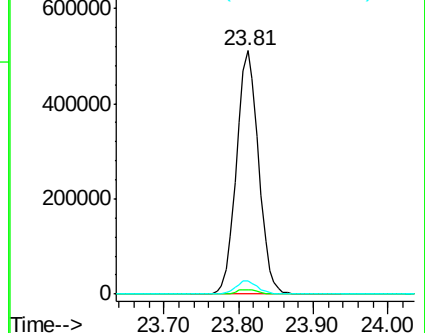
43 5.2 8.9 13.3#

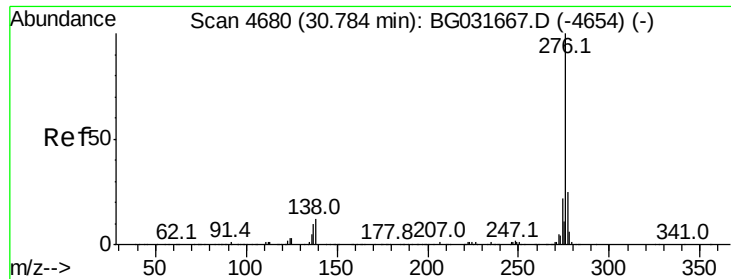


Abundance Ion 149.00 (148.70 to 149.70): E

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: 51.749 ng

RT: 30.75 min Scan# 4674

Delta R.T. -0.03 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

Instrument :

BNA\_G

ClientSampleId :

OR-02-122117-AMSD

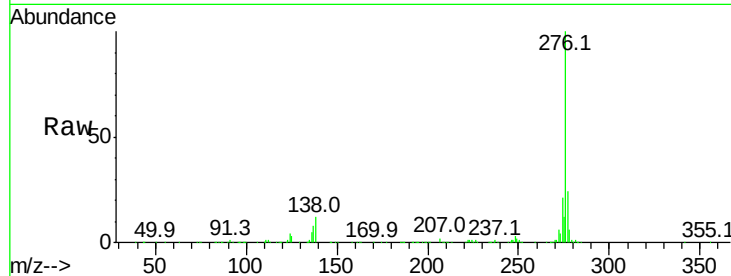
Tot Ion:276 Resp: 1631002

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 10.2  | 16.0  | 24.0  |
| 277 | 20.9  | 20.0  | 30.0  |

276 100

138 10.2 16.0 24.0

277 20.9 20.0 30.0

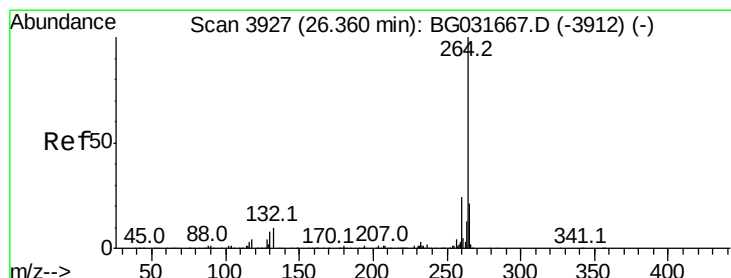
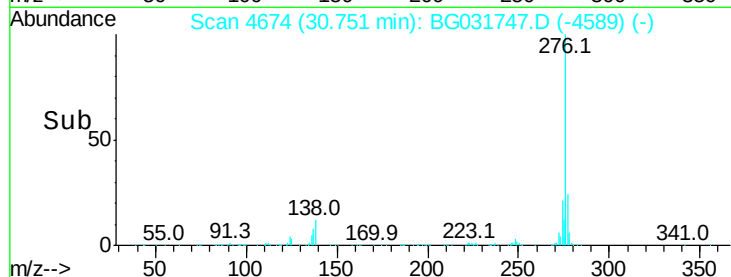
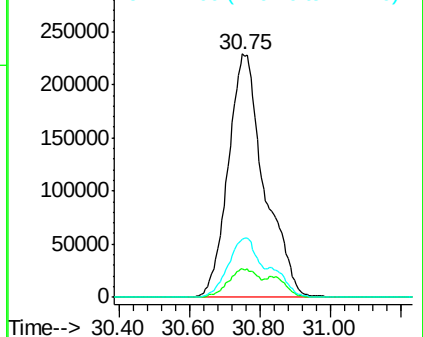


Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 26.34 min Scan# 3923

Delta R.T. -0.02 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

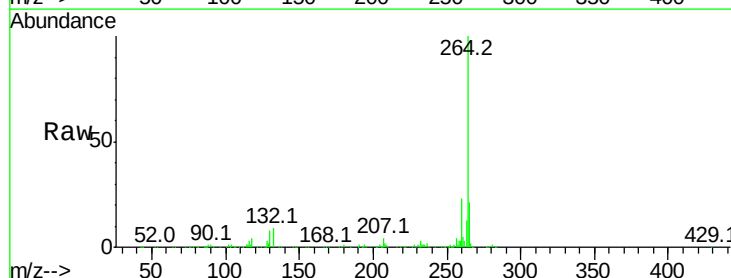
Tgt Ion:264 Resp: 448391

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.3  | 17.4  | 26.0  |
| 265 | 21.3  | 17.7  | 26.5  |

264 100

260 23.3 17.4 26.0

265 21.3 17.7 26.5

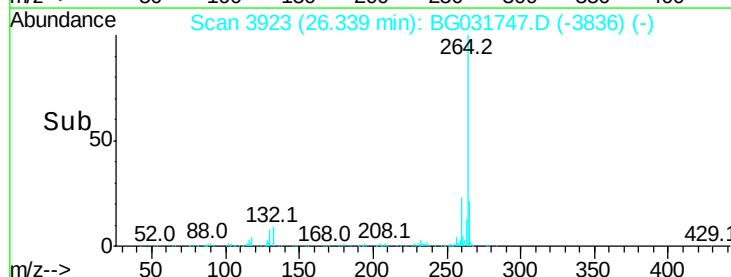
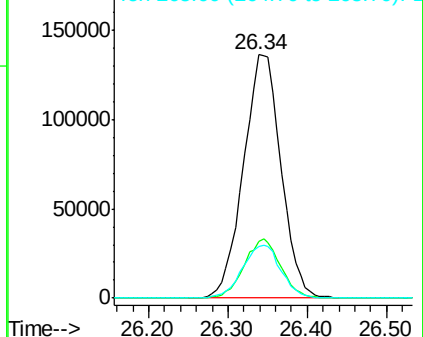


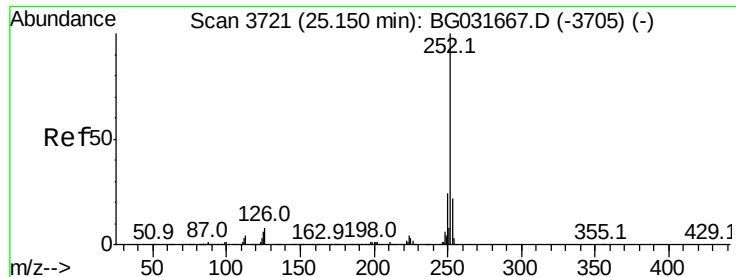
Abundance

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

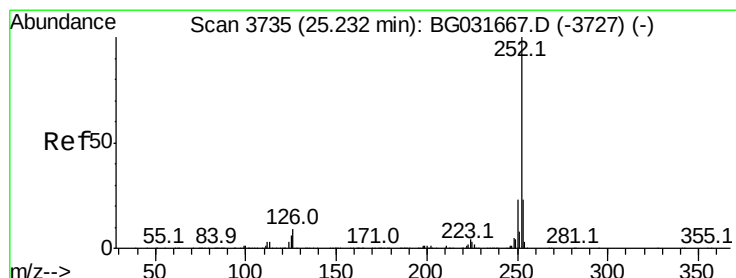
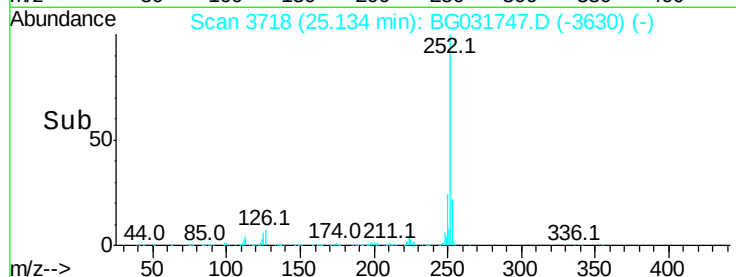
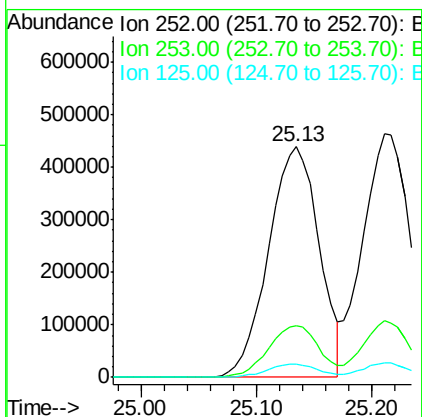
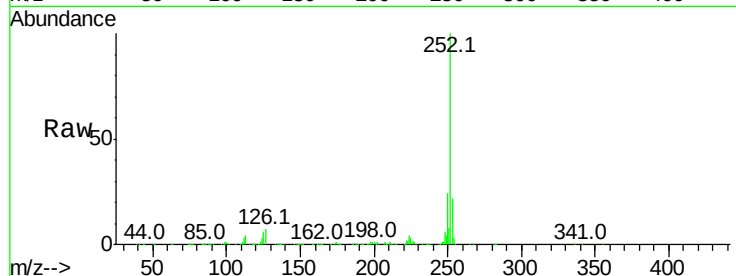




#87  
Benzo(b)fluoranthene  
Concen: 47.998 ng  
RT: 25.13 min Scan# 3718  
Delta R.T. -0.02 min  
Lab File: BG031747.D  
Acq: 23 Dec 2017 13:55

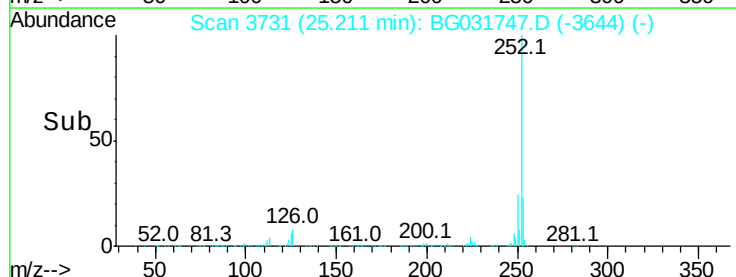
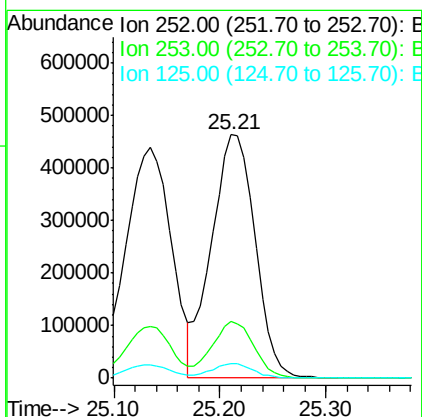
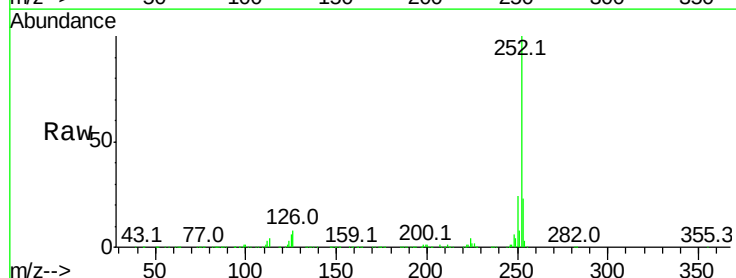
Instrument :  
BNA\_G  
ClientSampleId :  
OR-02-122117-AMSD

Tot Ion:252 Resp: 1335946  
Ion Ratio Lower Upper  
252 100  
253 22.3 18.2 27.4  
125 5.7 7.2 10.8#

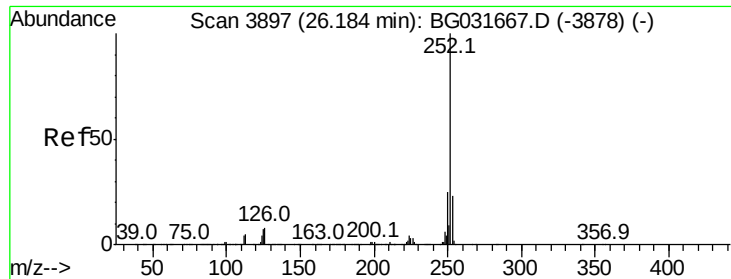


#88  
Benzo(k)fluoranthene  
Concen: 47.506 ng  
RT: 25.21 min Scan# 3731  
Delta R.T. -0.02 min  
Lab File: BG031747.D  
Acq: 23 Dec 2017 13:55

Tgt Ion:252 Resp: 1323285  
Ion Ratio Lower Upper  
252 100  
253 23.1 17.4 26.2  
125 6.1 6.6 9.8#







#89

Benzo(a)pyrene

Concen: 49.446 ng

RT: 26.17 min Scan# 3894

Delta R.T. -0.02 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

Instrument :

BNA\_G

ClientSampleId :

OR-02-122117-AMSD

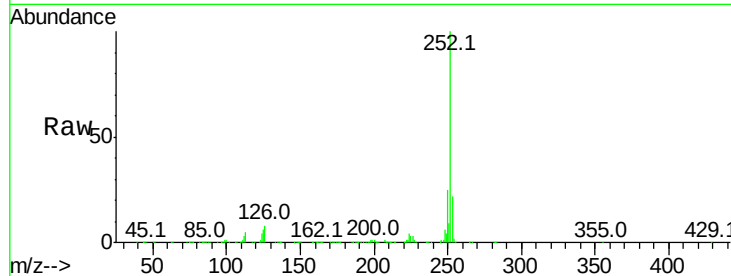
Tot Ion:252 Resp: 1318071

Ion Ratio Lower Upper

252 100

253 22.0 18.3 27.5

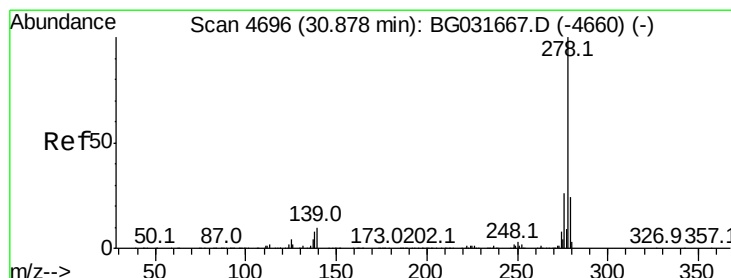
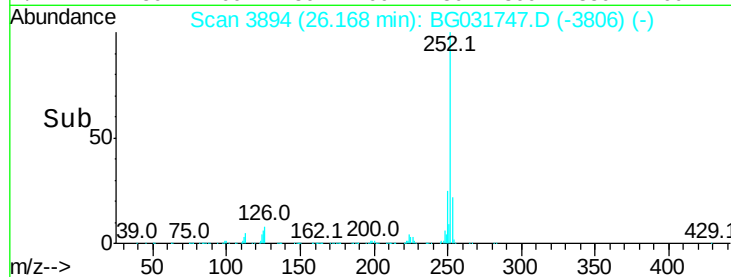
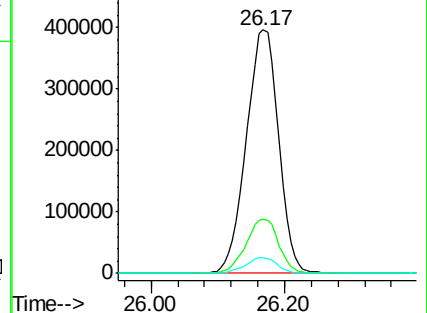
125 6.3 7.3 10.9#



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: 49.093 ng

RT: 30.85 min Scan# 4690

Delta R.T. -0.03 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

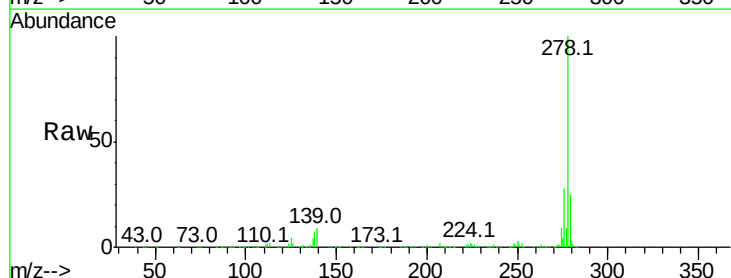
Tgt Ion:278 Resp: 1351557

Ion Ratio Lower Upper

278 100

139 9.2 9.8 14.6#

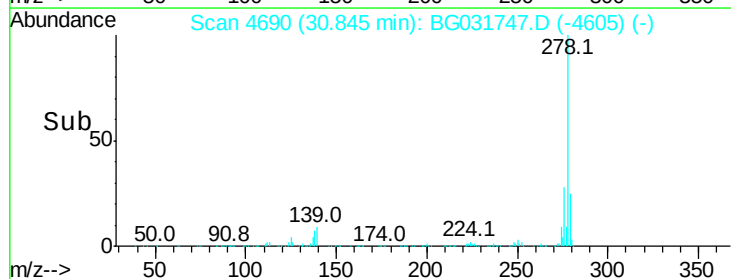
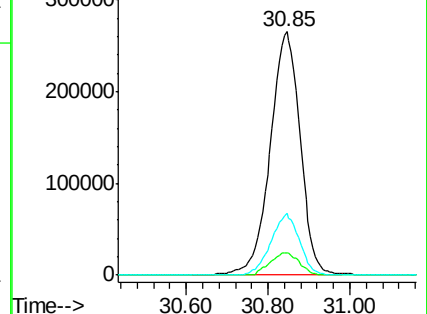
279 25.2 18.4 27.6

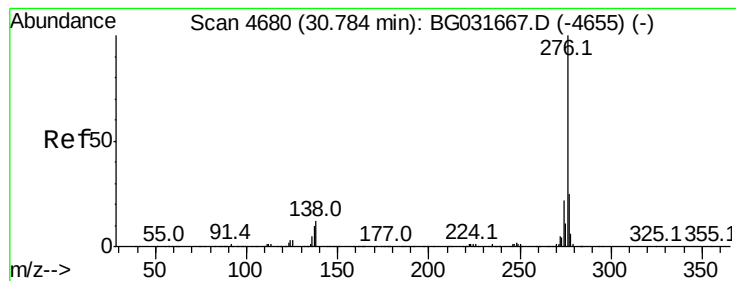


Abundance Ion 278.00 (277.70 to 278.70): E

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: 50.178 ng

RT: 30.75 min Scan# 4674

Delta R.T. -0.03 min

Lab File: BG031747.D

Acq: 23 Dec 2017 13:55

Instrument :

BNA\_G

ClientSampleId :

OR-02-122117-AMSD

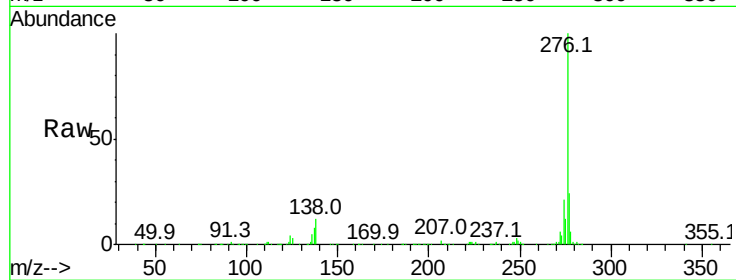
Tot Ion:276 Resp: 1631002

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.6  | 18.3  | 27.5  |
| 138 | 11.8  | 13.9  | 20.9  |

276 100

277 23.6 18.3 27.5

138 11.8 13.9 20.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

