

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101619\  
 Data File : BG043247.D  
 Acq On : 16 Oct 2019 16:23  
 Operator : JU  
 Sample : PB123988BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB123988BS

Quant Time: Oct 16 17:43:53 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 09 01:11:45 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.05  | 152  | 49042    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.86 | 136  | 178047   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.68 | 164  | 129938   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.43 | 188  | 316441   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.70 | 240  | 346919   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.93 | 264  | 299706   | 20.00 | ng    | 0.02     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.63  | 112 | 321060  | 116.83 | ng | 0.00 |
| 7) Phenol-d6             | 7.23  | 99  | 427575  | 108.05 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.21  | 82  | 222609  | 60.77  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.17 | 330 | 281238  | 125.87 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.30 | 172 | 570445  | 63.64  | ng | 0.00 |
| 79) Terphenyl-d14        | 20.03 | 244 | 1146756 | 70.44  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.52  | 88  | 34589  | 30.189 | ng | 89     |
| 3) Pyridine                    | 3.92  | 79  | 83820  | 26.011 | ng | 85     |
| 4) n-Nitrosodimethylamine      | 3.83  | 42  | 59019  | 38.085 | ng | # 89   |
| 6) Aniline                     | 7.38  | 93  | 132262 | 27.687 | ng | 98     |
| 8) 2-Chlorophenol              | 7.62  | 128 | 125620 | 43.834 | ng | 96     |
| 9) Benzaldehyde                | 7.19  | 77  | 41342  | 17.096 | ng | 83     |
| 10) Phenol                     | 7.25  | 94  | 151805 | 41.811 | ng | 92     |
| 11) bis(2-Chloroethyl)ether    | 7.47  | 93  | 105417 | 37.526 | ng | 89     |
| 12) 1,3-Dichlorobenzene        | 7.94  | 146 | 142304 | 38.924 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 8.08  | 146 | 147483 | 40.467 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 8.41  | 146 | 140113 | 40.382 | ng | 93     |
| 15) Benzyl Alcohol             | 8.29  | 79  | 112190 | 37.708 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.57  | 45  | 145323 | 26.937 | ng | 95     |
| 17) 2-Methylphenol             | 8.50  | 107 | 106520 | 41.929 | ng | 99     |
| 18) Hexachloroethane           | 9.13  | 117 | 50870  | 37.062 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.85  | 70  | 91239  | 35.112 | ng | # 96   |
| 20) 3+4-Methylphenols          | 8.83  | 107 | 143823 | 41.311 | ng | 97     |
| 22) Acetophenone               | 8.87  | 105 | 182773 | 39.824 | ng | # 95   |
| 24) Nitrobenzene               | 9.25  | 77  | 139746 | 39.995 | ng | 93     |
| 25) Isophorone                 | 9.78  | 82  | 262666 | 40.822 | ng | 96     |
| 26) 2-Nitrophenol              | 9.97  | 139 | 67807  | 45.587 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 10.03 | 122 | 112252 | 49.141 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 10.26 | 93  | 139924 | 38.328 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.51 | 162 | 131684 | 46.353 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.72 | 180 | 150096 | 40.913 | ng | 99     |
| 31) Naphthalene                | 10.91 | 128 | 381939 | 43.577 | ng | 99     |
| 32) Benzoic acid               | 10.19 | 122 | 60856  | 36.249 | ng | 93     |
| 33) 4-Chloroaniline            | 11.02 | 127 | 97173  | 25.550 | ng | 95     |
| 34) Hexachlorobutadiene        | 11.20 | 225 | 106596 | 38.805 | ng | 98     |
| 35) Caprolactam                | 11.78 | 113 | 16871  | 16.840 | ng | # 89   |
| 36) 4-Chloro-3-methylphenol    | 12.14 | 107 | 141104 | 45.681 | ng | 96     |
| 37) 2-Methylnaphthalene        | 12.51 | 142 | 290413 | 43.434 | ng | 94     |
| 38) 1-Methylnaphthalene        | 12.72 | 142 | 273179 | 43.178 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.87 | 216 | 189600 | 38.808 | ng | 99     |

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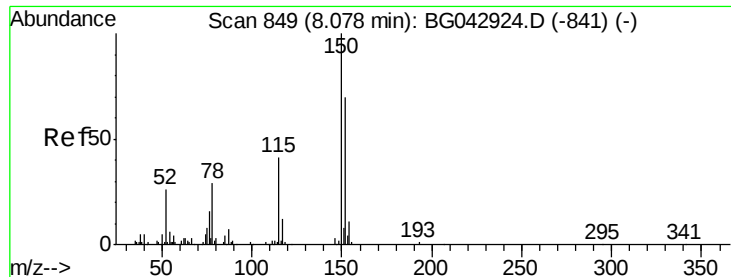
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB123988BS

Quant Time: Oct 16 17:43:53 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 09 01:11:45 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.85 | 237  | 177783   | 57.112 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 13.11 | 196  | 122639   | 42.888 | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 13.19 | 196  | 132753   | 45.066 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.51 | 154  | 391987   | 39.780 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.55 | 162  | 304194   | 41.175 | ng    | 97       |
| 48) 2-Nitroaniline             | 13.76 | 65   | 93897    | 38.219 | ng    | 94       |
| 49) Acenaphthylene             | 14.40 | 152  | 485759   | 42.970 | ng    | 98       |
| 50) Dimethylphthalate          | 14.13 | 163  | 400022   | 41.088 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.25 | 165  | 90921    | 43.853 | ng    | 89       |
| 52) Acenaphthene               | 14.74 | 154  | 287364   | 37.978 | ng    | 98       |
| 53) 3-Nitroaniline             | 14.59 | 138  | 66598    | 31.082 | ng    | 88       |
| 54) 2,4-Dinitrophenol          | 14.79 | 184  | 114874   | 89.137 | ng    | 94       |
| 55) Dibenzofuran               | 15.07 | 168  | 475895   | 42.516 | ng    | 97       |
| 56) 4-Nitrophenol              | 14.90 | 139  | 144478   | 88.498 | ng    | 93       |
| 57) 2,4-Dinitrotoluene         | 15.04 | 165  | 130871   | 43.104 | ng    | 94       |
| 58) Fluorene                   | 15.73 | 166  | 403100   | 42.181 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.30 | 232  | 137872   | 43.957 | ng    | # 98     |
| 60) Diethylphthalate           | 15.49 | 149  | 398048   | 40.174 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.72 | 204  | 228679   | 39.900 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.75 | 138  | 88289    | 37.782 | ng    | 92       |
| 63) Azobenzene                 | 16.01 | 77   | 346134   | 38.371 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.80 | 198  | 87971    | 49.129 | ng    | 92       |
| 66) n-Nitrosodiphenylamine     | 15.93 | 169  | 360706   | 43.180 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.61 | 248  | 162323   | 40.871 | ng    | 98       |
| 68) Hexachlorobenzene          | 16.73 | 284  | 185614   | 41.974 | ng    | 97       |
| 69) Atrazine                   | 16.88 | 200  | 149312   | 42.446 | ng    | 97       |
| 70) Pentachlorophenol          | 17.08 | 266  | 220606   | 86.455 | ng    | 99       |
| 71) Phenanthrene               | 17.47 | 178  | 657378   | 42.552 | ng    | 98       |
| 72) Anthracene                 | 17.55 | 178  | 664160   | 43.064 | ng    | 99       |
| 73) Carbazole                  | 17.82 | 167  | 611416   | 42.751 | ng    | 98       |
| 74) Di-n-butylphthalate        | 18.38 | 149  | 701635   | 41.118 | ng    | 100      |
| 75) Fluoranthene               | 19.48 | 202  | 880760   | 43.103 | ng    | 97       |
| 77) Benzidine                  | 19.66 | 184  | 187253   | 21.557 | ng    | 98       |
| 78) Pyrene                     | 19.83 | 202  | 891761   | 43.067 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.72 | 149  | 321542   | 40.911 | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.68 | 228  | 905177   | 41.875 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.59 | 252  | 313990   | 37.035 | ng    | 96       |
| 83) Chrysene                   | 21.75 | 228  | 872058   | 41.572 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.58 | 149  | 459380   | 41.076 | ng    | 97       |
| 85) Di-n-octyl phthalate       | 22.80 | 149  | 793114   | 43.369 | ng    | 95       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.61 | 276  | 1138586  | 43.600 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 23.90 | 252  | 946338   | 55.804 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 23.97 | 252  | 958992   | 57.164 | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.78 | 252  | 876104   | 54.759 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.66 | 278  | 973436   | 59.334 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 29.76 | 276  | 966061   | 60.773 | ng    | 98       |

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



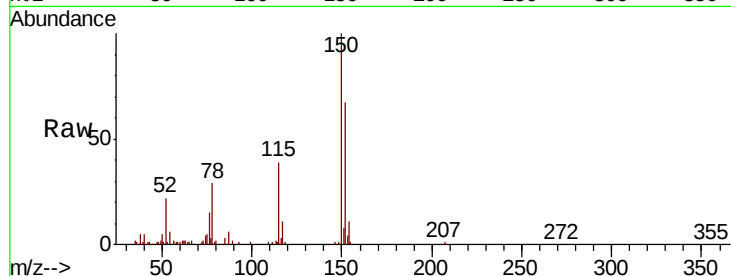


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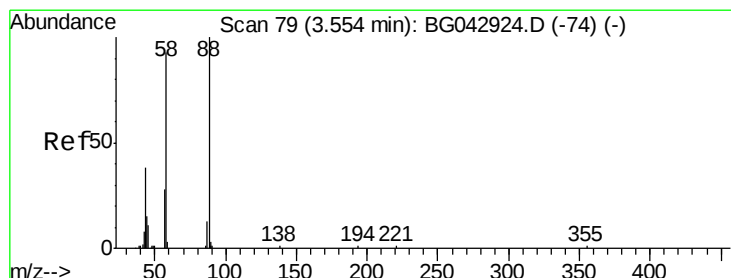
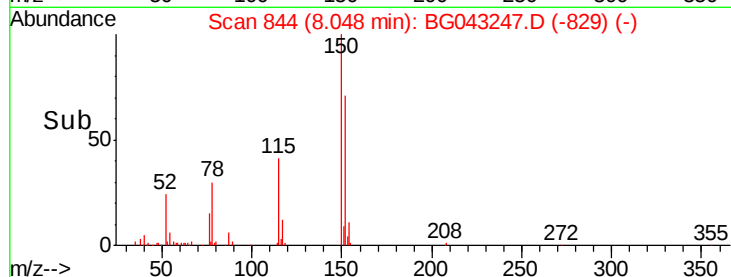
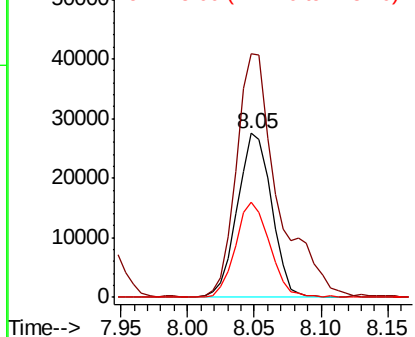
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.05 min Scan# 844  
Delta R.T. -0.01 min  
Lab File: BG043247.D  
Acq: 16 Oct 2019 16:23

Instrument :  
BNA\_G  
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PB123988BS

Tot Ion:152 Resp: 49042  
Ion Ratio Lower Upper  
152 100  
150 148.5 115.0 172.4  
115 58.1 47.0 70.6



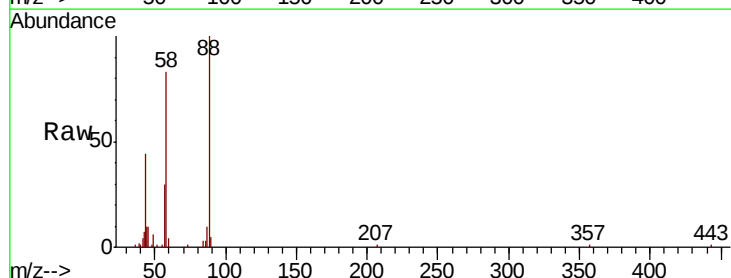
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



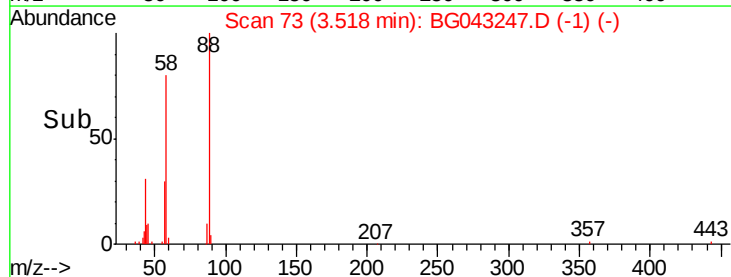
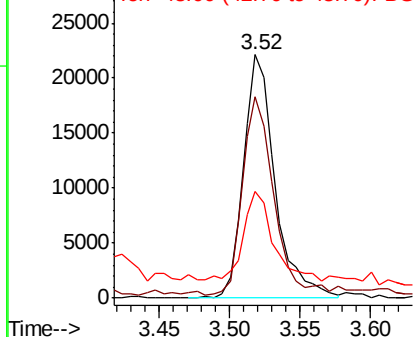
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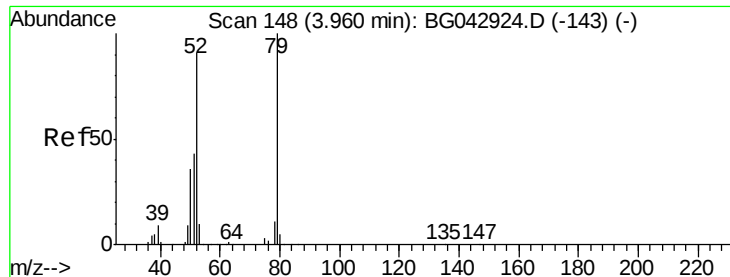
1,4-Dioxane  
Concen: 30.189 ng  
RT: 3.52 min Scan# 73  
Delta R.T. -0.02 min  
Lab File: BG043247.D  
Acq: 16 Oct 2019 16:23

Tgt Ion: 88 Resp: 34589  
Ion Ratio Lower Upper  
88 100  
58 80.1 74.3 111.5  
43 34.4 29.8 44.8



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: 26.011 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.02 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

PB123988BS

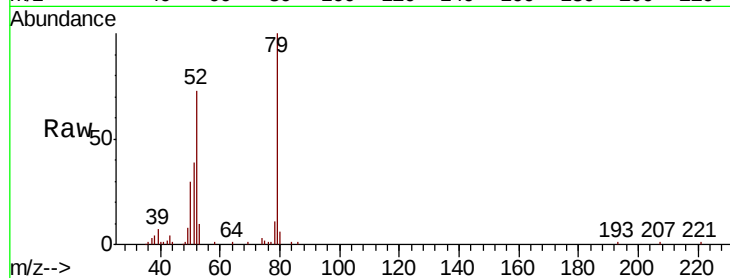
Tot Ion: 79 Resp: 83820

Ion Ratio Lower Upper

79 100

52 73.1 73.0 109.4

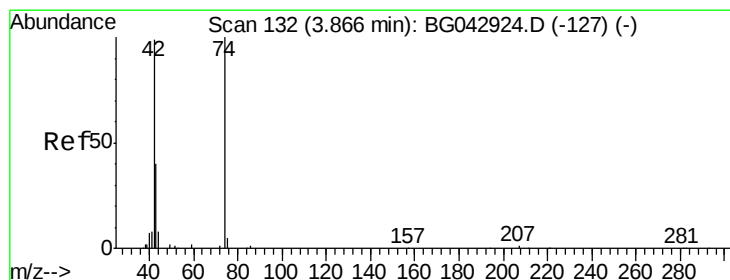
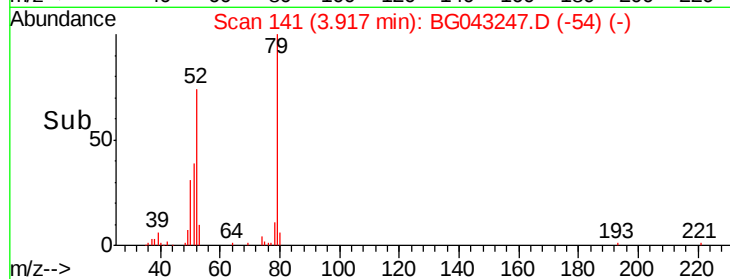
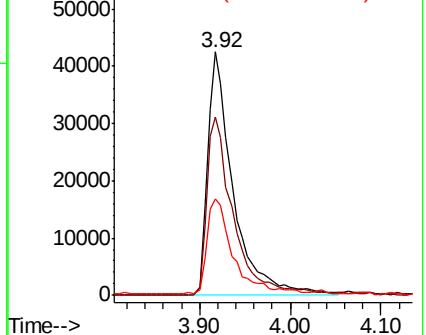
51 39.5 35.1 52.7



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 38.085 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.02 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

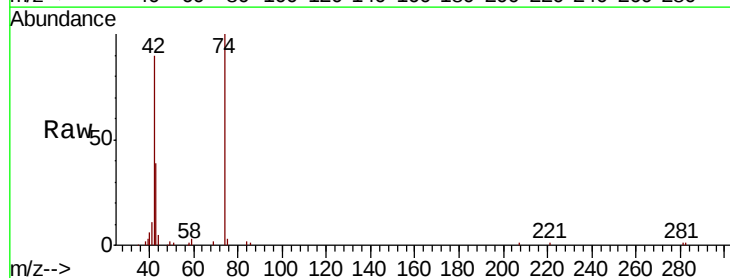
Tgt Ion: 42 Resp: 59019

Ion Ratio Lower Upper

42 100

74 111.5 80.5 120.7

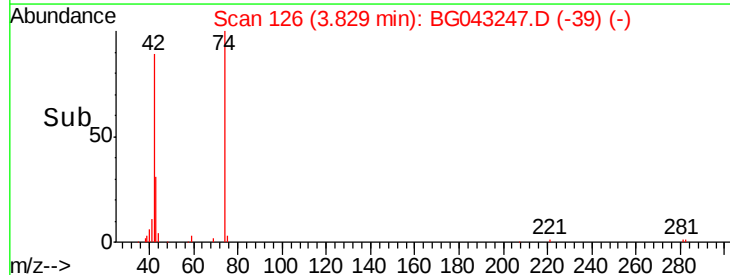
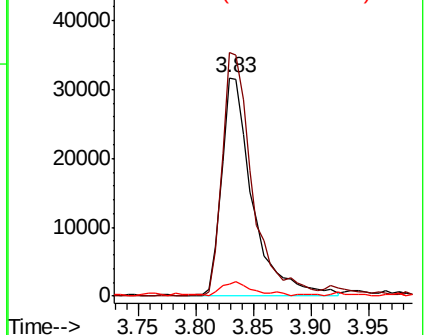
44 5.3 6.9 10.3#

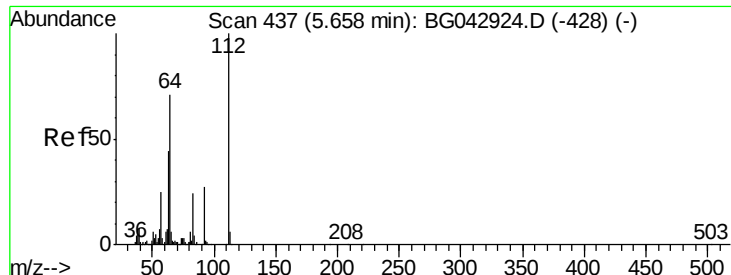


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 116.833 ng

RT: 5.63 min Scan# 433

Delta R.T. -0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

PB123988BS

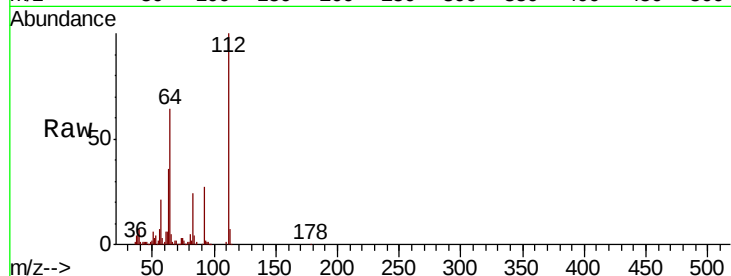
Tot Ion:112 Resp: 321060

Ion Ratio Lower Upper

112 100

64 64.2 56.6 84.8

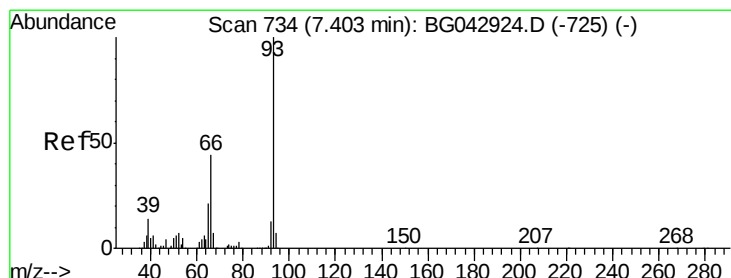
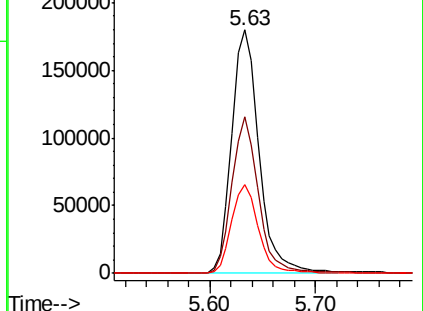
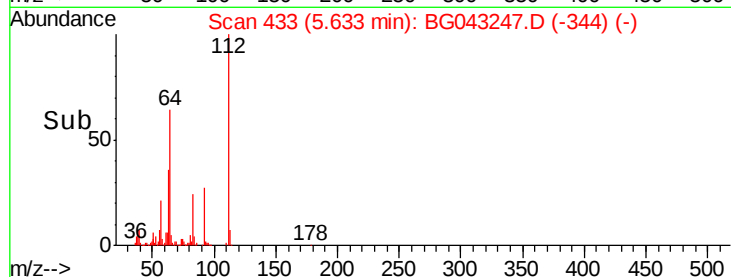
63 36.3 35.1 52.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 27.687 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

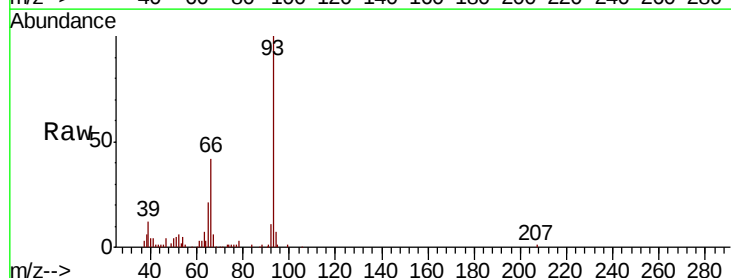
Tgt Ion: 93 Resp: 132262

Ion Ratio Lower Upper

93 100

66 42.0 35.0 52.6

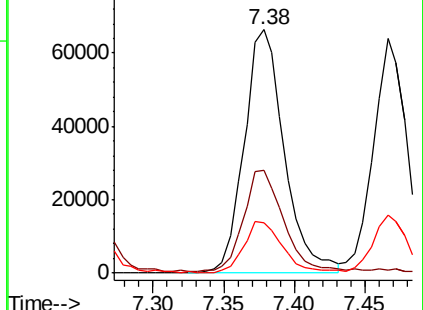
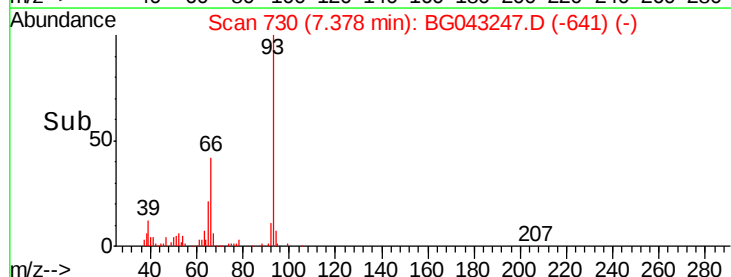
65 20.9 17.4 26.0

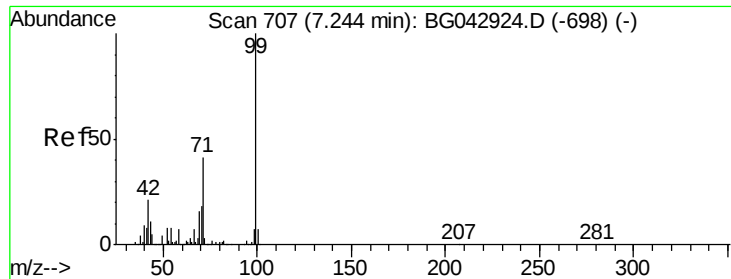


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 108.046 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

PB123988BS

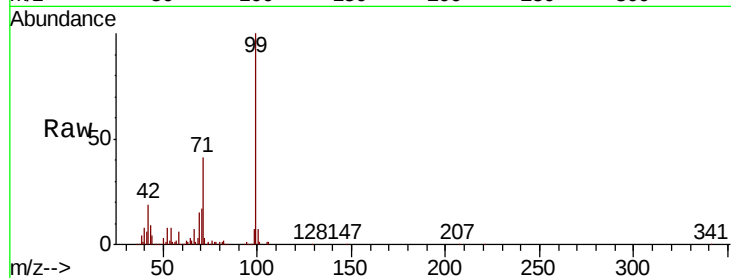
Tot Ion: 99 Resp: 427575

Ion Ratio Lower Upper

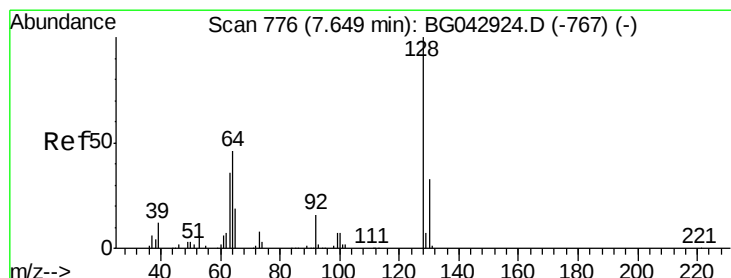
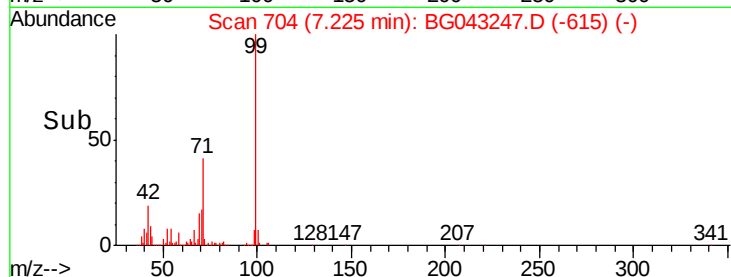
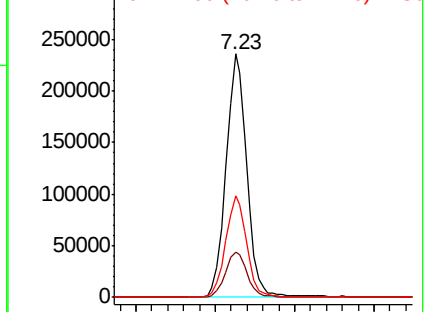
99 100

42 18.6 17.2 25.8

71 41.5 33.1 49.7



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: 43.834 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

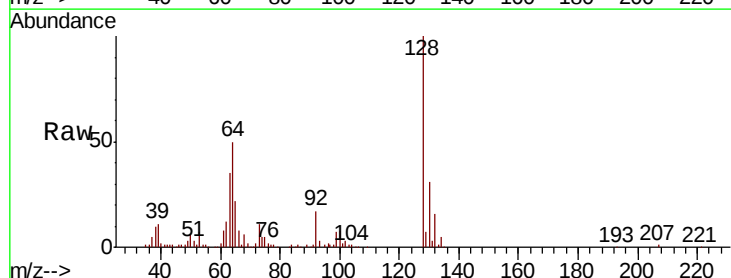
Tgt Ion:128 Resp: 125620

Ion Ratio Lower Upper

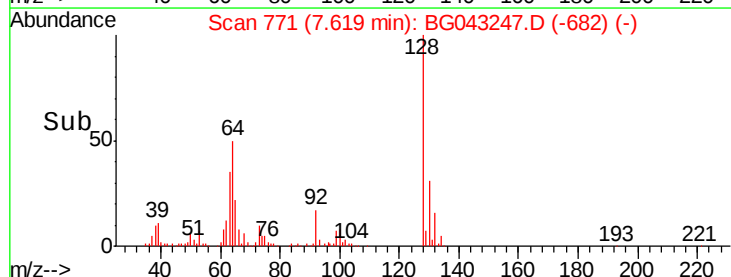
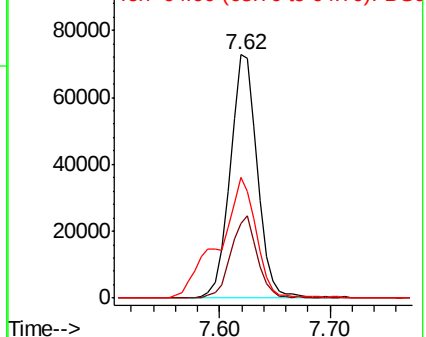
128 100

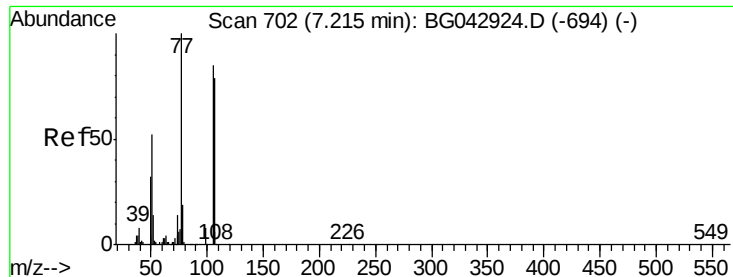
130 30.7 12.5 52.5

64 49.7 32.8 72.8



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: 17.096 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Instrument :

BNA\_G

ClientSampleID :

PB123988BS

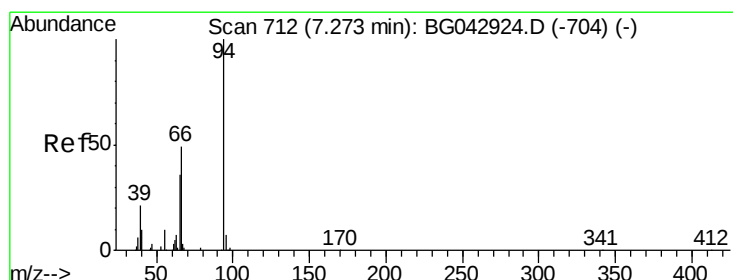
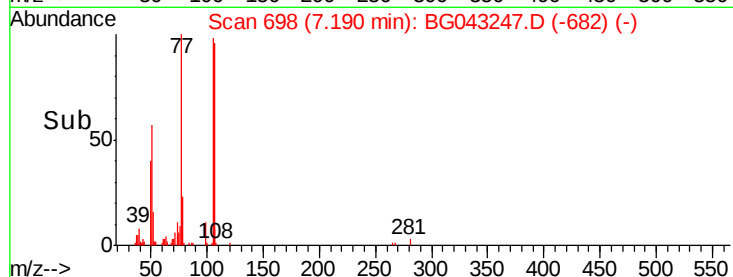
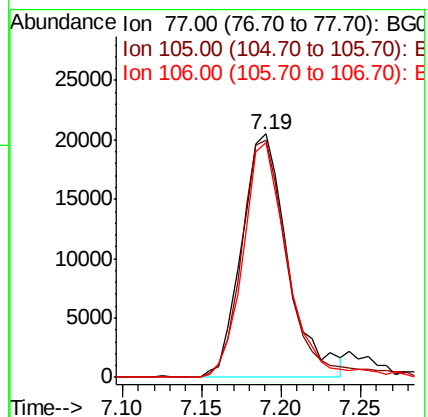
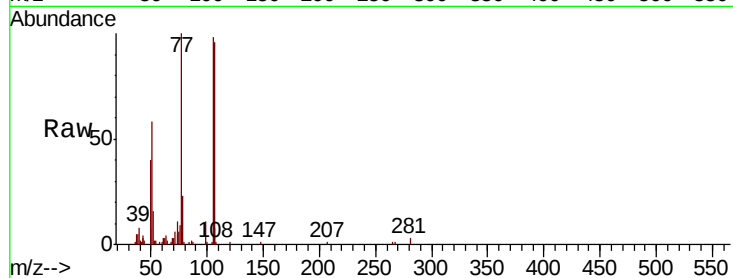
Tot Ion: 77 Resp: 41342

Ion Ratio Lower Upper

77 100

105 97.5 64.6 104.6

106 96.5 59.4 99.4



#10

Phenol

Concen: 41.811 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

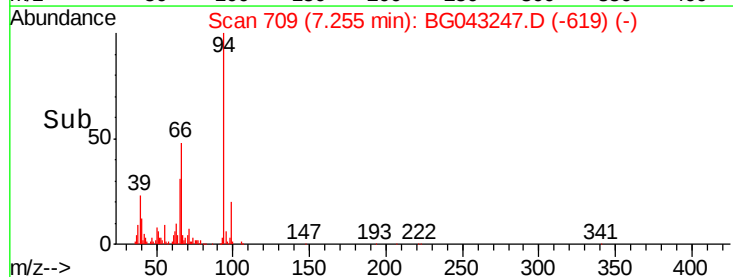
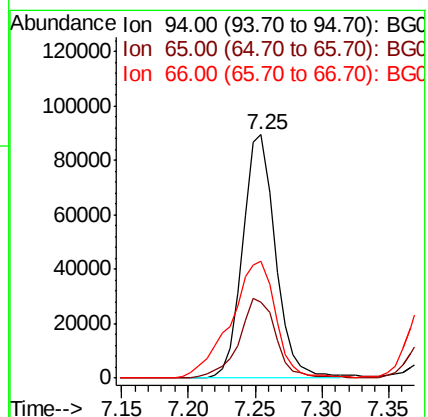
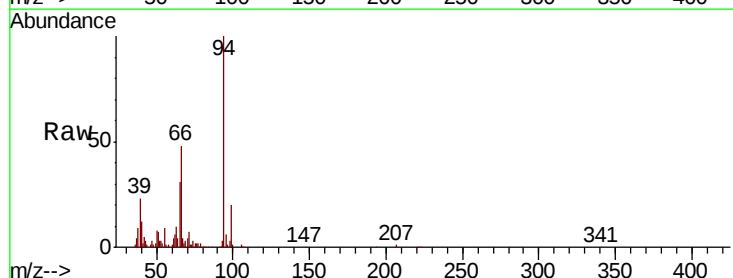
Tgt Ion: 94 Resp: 151805

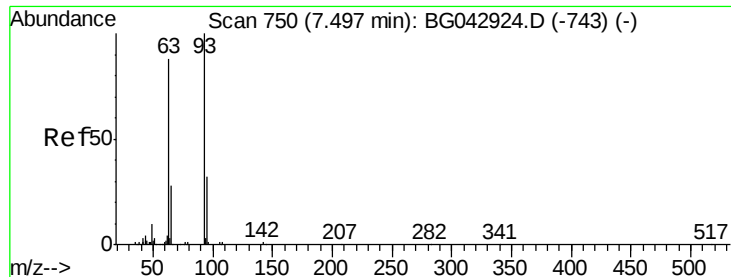
Ion Ratio Lower Upper

94 100

65 31.2 16.6 56.6

66 47.8 32.4 72.4

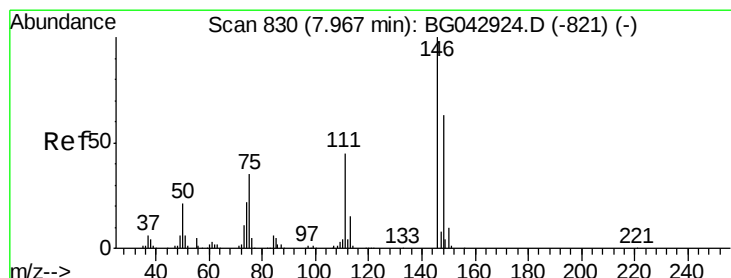
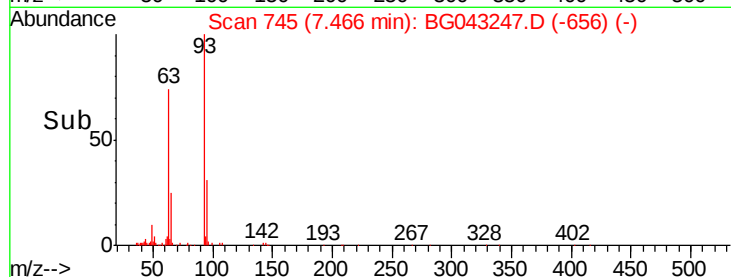
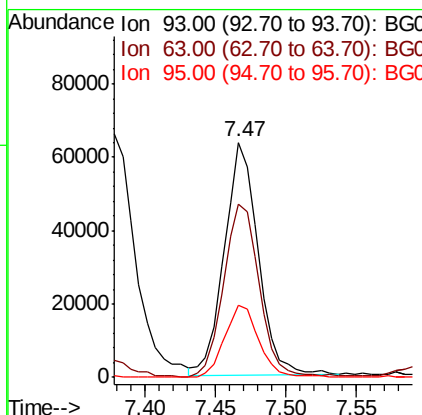
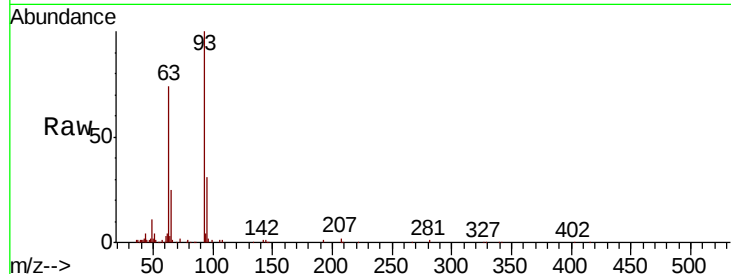




#11  
bis(2-Chloroethyl)ether  
Concen: 37.526 ng  
RT: 7.47 min Scan# 745  
Delta R.T. -0.01 min  
Lab File: BG043247.D  
Acq: 16 Oct 2019 16:23

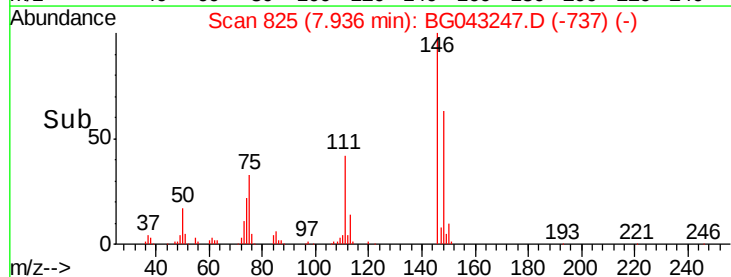
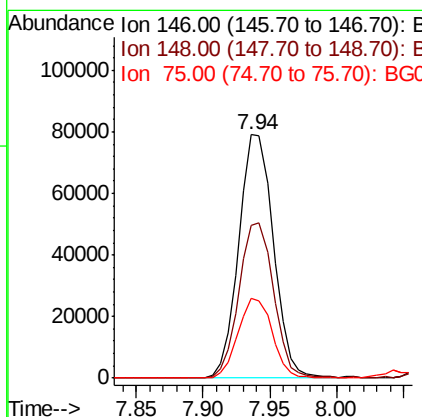
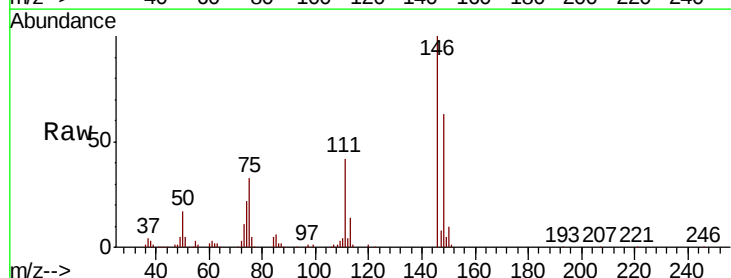
Instrument :  
BNA\_G  
ClientSampleId :  
PB123988BS

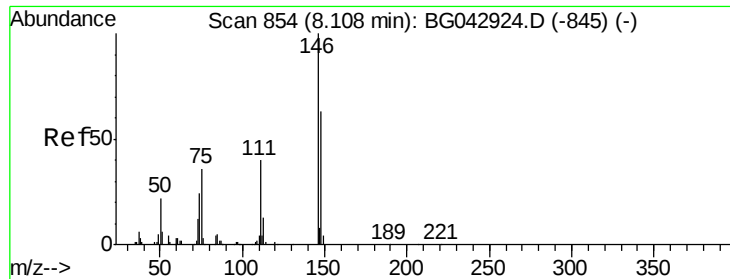
Tot Ion: 93 Resp: 105417  
Ion Ratio Lower Upper  
93 100  
63 74.0 67.4 107.4  
95 30.9 11.9 51.9



#12  
1,3-Dichlorobenzene  
Concen: 38.924 ng  
RT: 7.94 min Scan# 825  
Delta R.T. -0.01 min  
Lab File: BG043247.D  
Acq: 16 Oct 2019 16:23

Tgt Ion: 146 Resp: 142304  
Ion Ratio Lower Upper  
146 100  
148 62.6 50.7 76.1  
75 32.5 27.7 41.5





#13

1,4-Dichlorobenzene

Concen: 40.467 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

PB123988BS

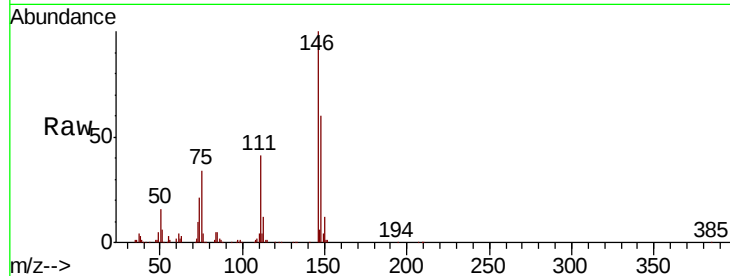
Tot Ion:146 Resp: 147483

Ion Ratio Lower Upper

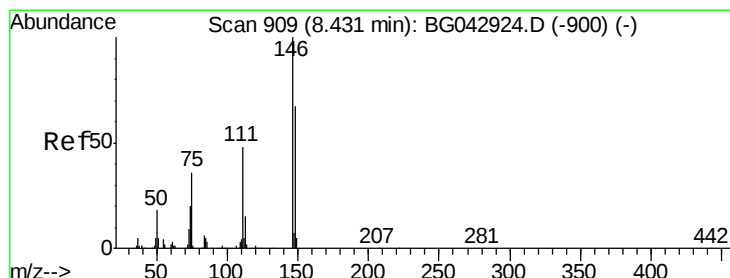
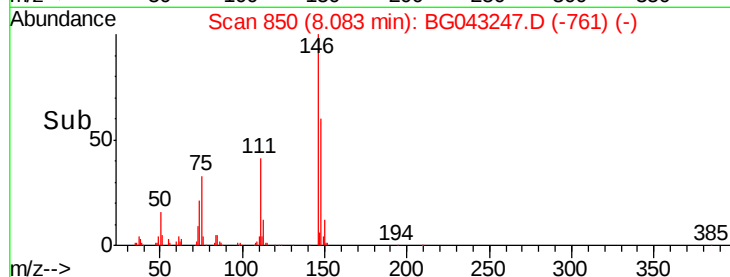
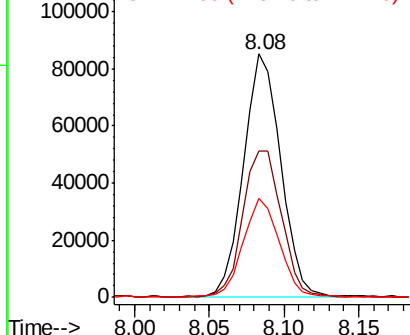
146 100

148 60.0 50.9 76.3

111 40.9 31.8 47.8



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: 40.382 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

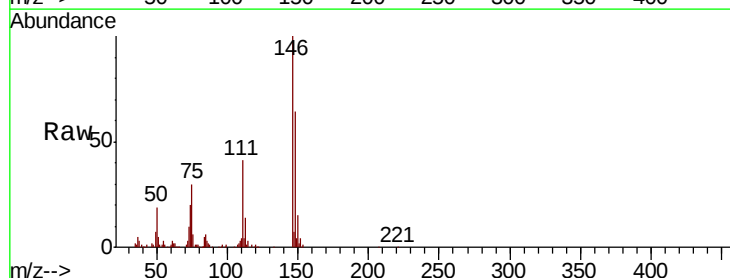
Tgt Ion:146 Resp: 140113

Ion Ratio Lower Upper

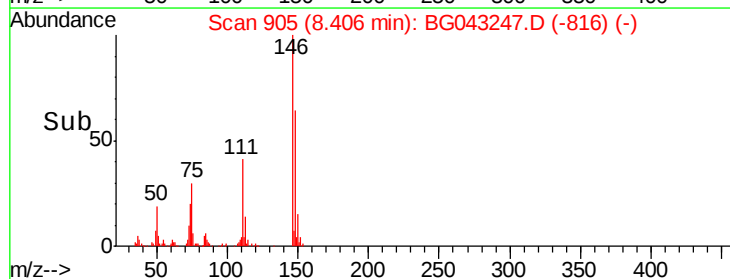
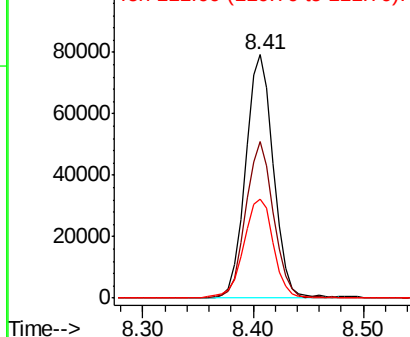
146 100

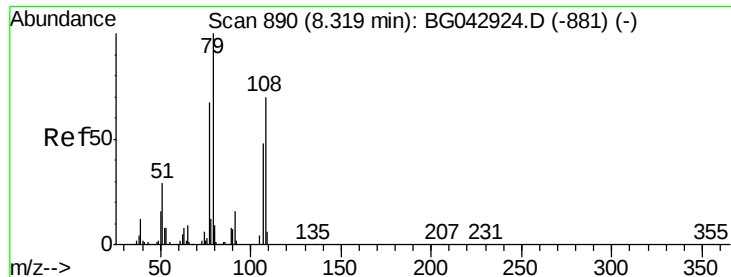
148 64.1 53.4 80.2

111 40.6 38.5 57.7



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: 37.708 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

PB123988BS

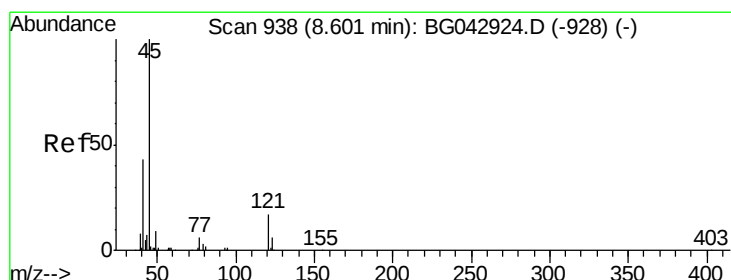
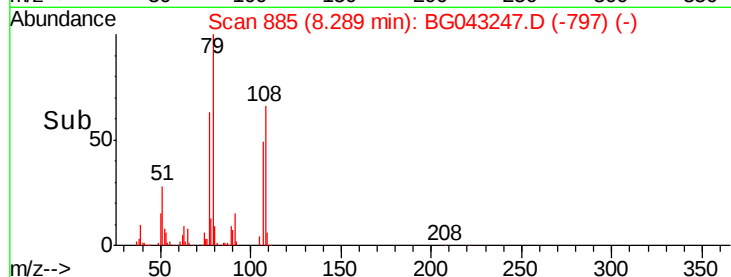
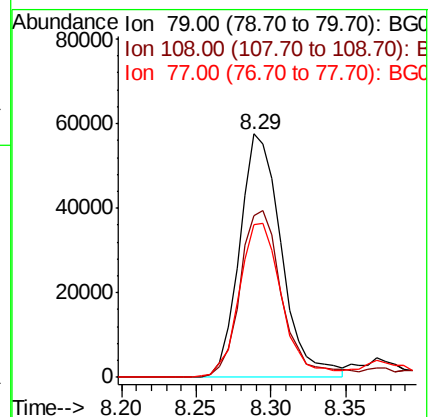
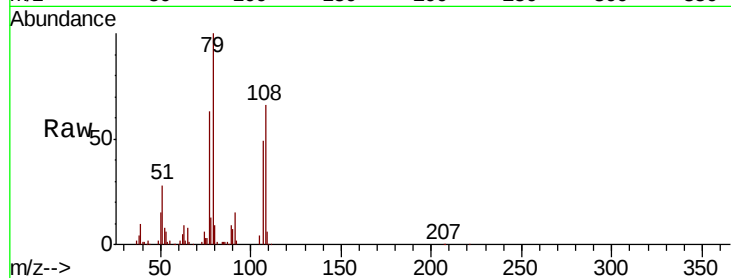
Tot Ion: 79 Resp: 112190

Ion Ratio Lower Upper

79 100

108 66.2 55.7 83.5

77 62.8 53.3 79.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 26.937 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

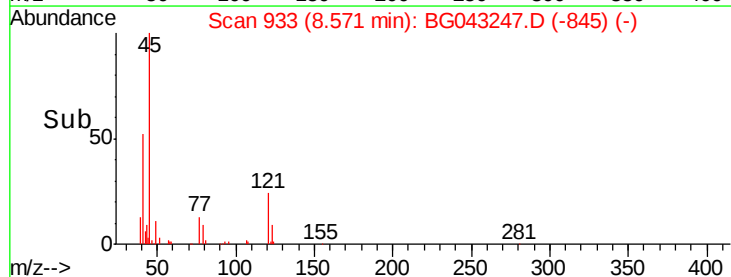
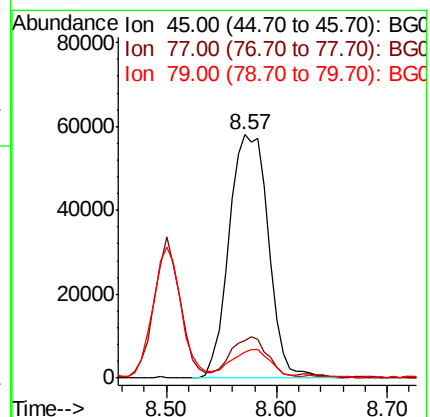
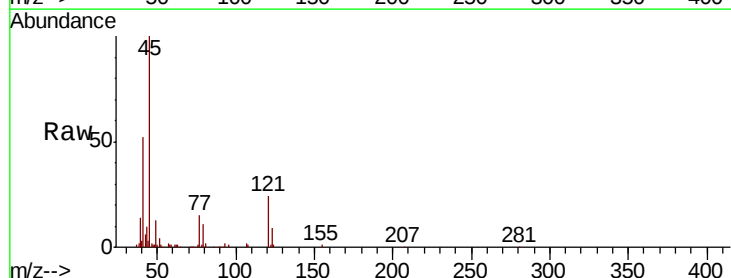
Tgt Ion: 45 Resp: 145323

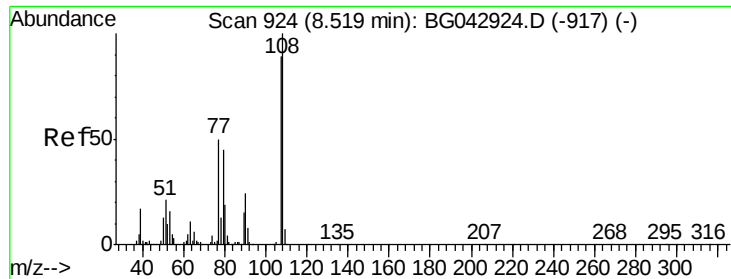
Ion Ratio Lower Upper

45 100

77 15.2 0.0 32.8

79 10.9 0.0 29.4

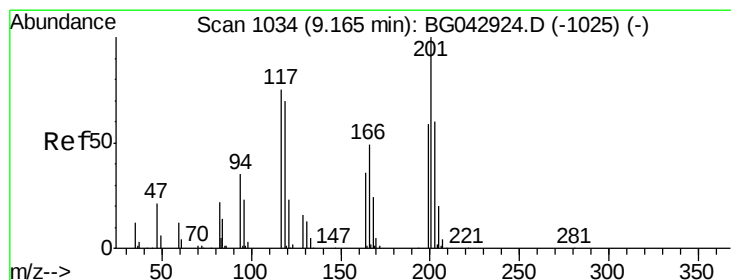
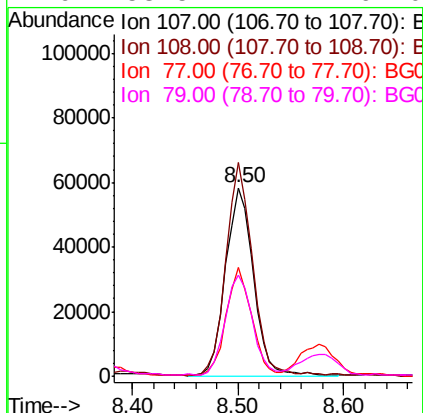
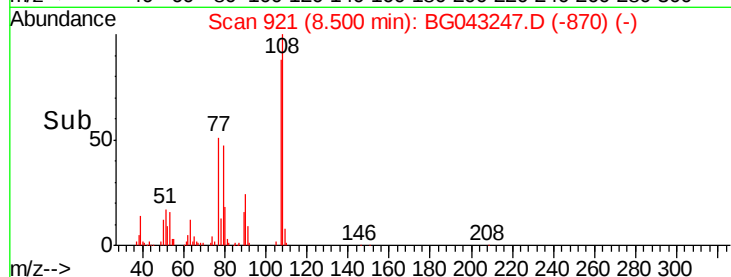
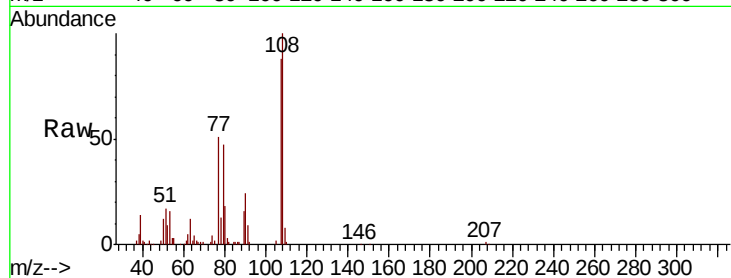




#17  
2-Methylphenol  
Concen: 41.929 ng  
RT: 8.50 min Scan# 921  
Delta R.T. 0.00 min  
Lab File: BG043247.D  
Acq: 16 Oct 2019 16:23

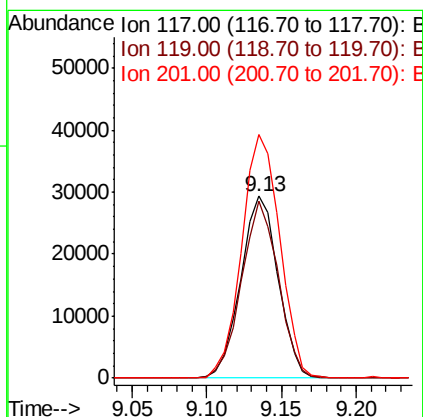
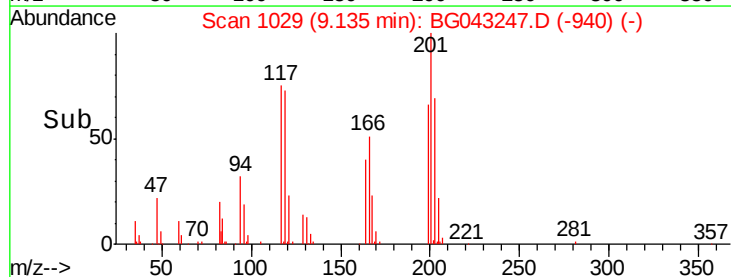
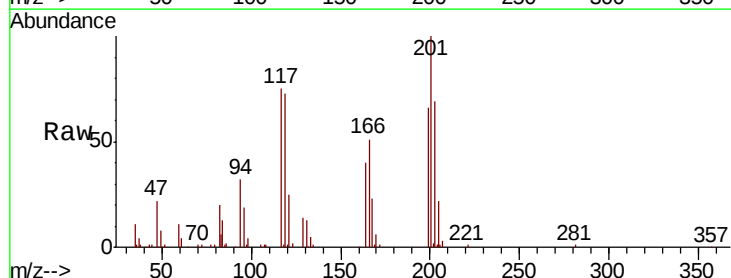
Instrument :  
BNA\_G  
ClientSampleId :  
PB123988BS

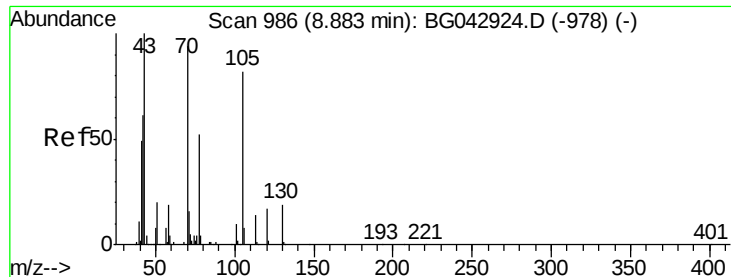
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 113.3 | 89.9  | 134.9 |
| 77      | 57.9  | 45.4  | 68.2  |
| 79      | 53.5  | 41.4  | 62.0  |



#18  
Hexachloroethane  
Concen: 37.062 ng  
RT: 9.13 min Scan# 1029  
Delta R.T. -0.01 min  
Lab File: BG043247.D  
Acq: 16 Oct 2019 16:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 97.6  | 74.6  | 111.8 |
| 201     | 134.0 | 106.0 | 159.0 |

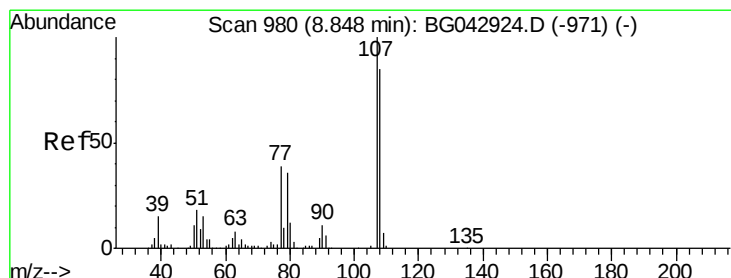
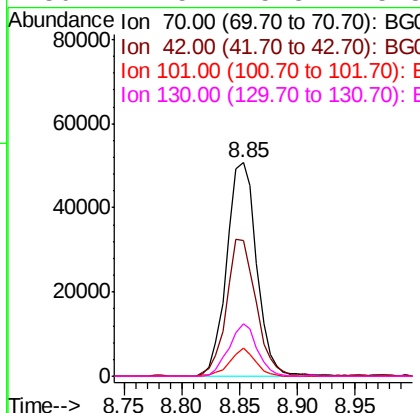
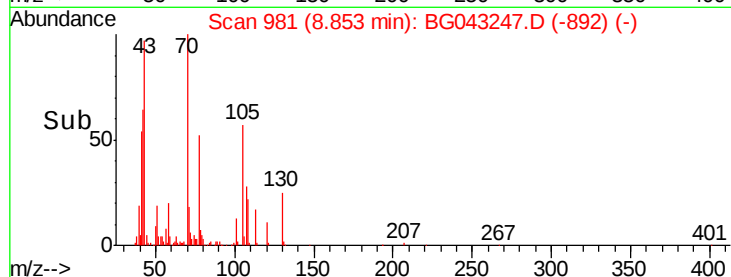
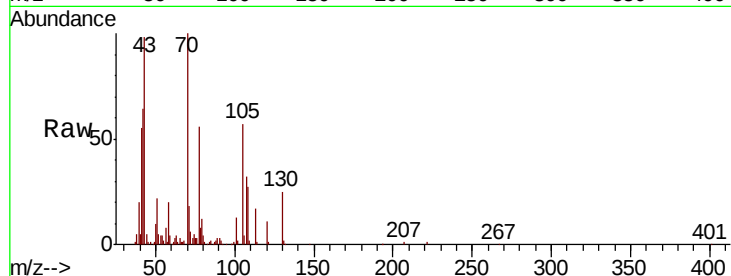




#19  
n-Nitroso-di-n-propylamine  
Concen: 35.112 ng  
RT: 8.85 min Scan# 981  
Delta R.T. -0.01 min  
Lab File: BG043247.D  
Acq: 16 Oct 2019 16:23

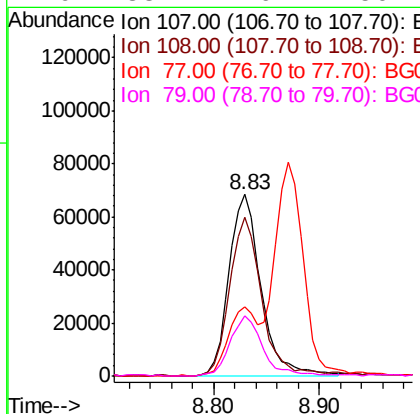
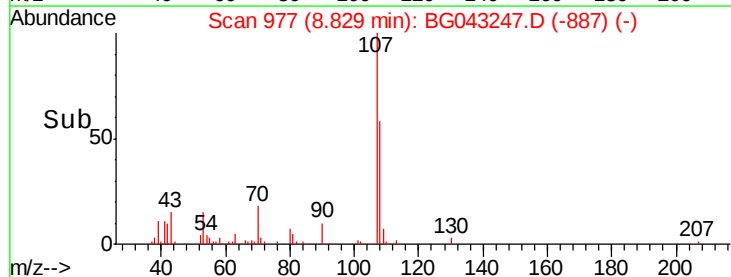
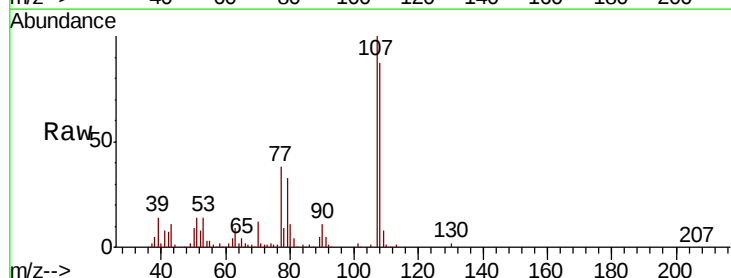
Instrument :  
BNA\_G  
ClientSampleId :  
PB123988BS

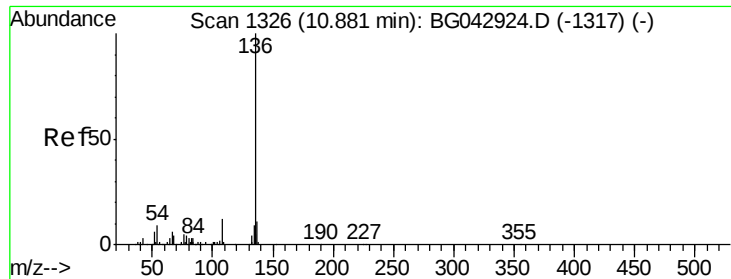
Tot Ion: 70 Resp: 91239  
Ion Ratio Lower Upper  
70 100  
42 63.8 52.6 79.0  
101 13.0 8.7 13.1  
130 24.5 15.8 23.8#



#20  
3+4-Methylphenols  
Concen: 41.311 ng  
RT: 8.83 min Scan# 977  
Delta R.T. 0.00 min  
Lab File: BG043247.D  
Acq: 16 Oct 2019 16:23

Tgt Ion:107 Resp: 143823  
Ion Ratio Lower Upper  
107 100  
108 87.2 64.9 104.9  
77 38.0 19.4 59.4  
79 33.4 16.2 56.2

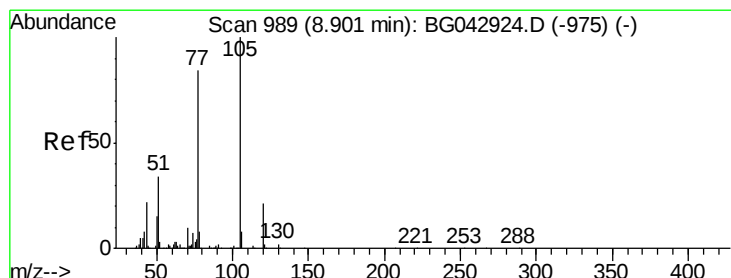
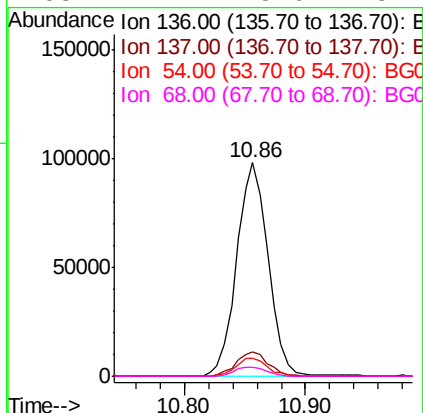
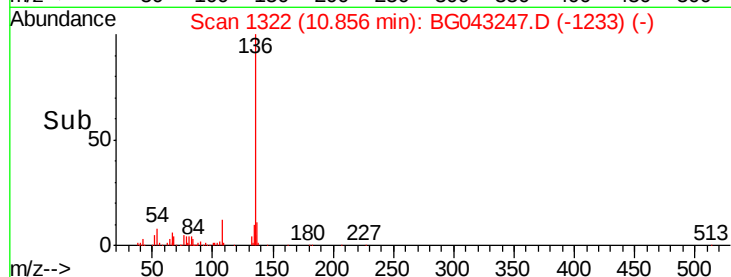
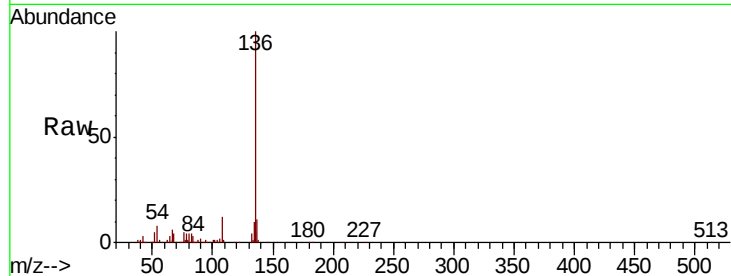




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.86 min Scan# 1322  
Delta R.T. -0.01 min  
Lab File: BG043247.D  
Acq: 16 Oct 2019 16:23

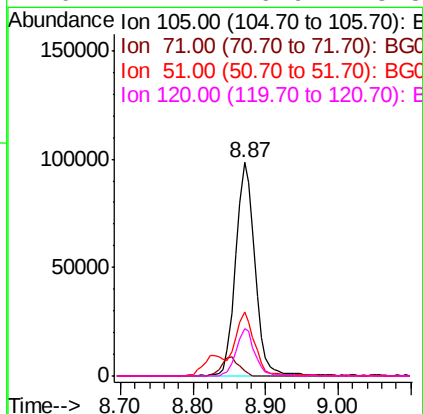
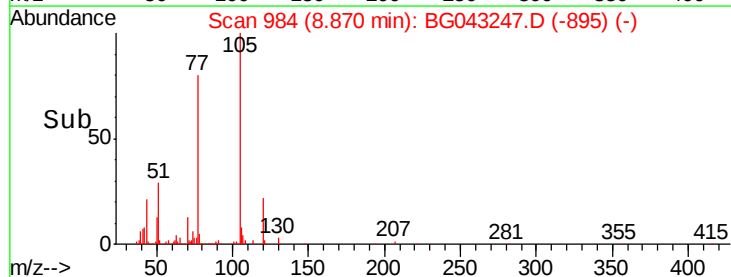
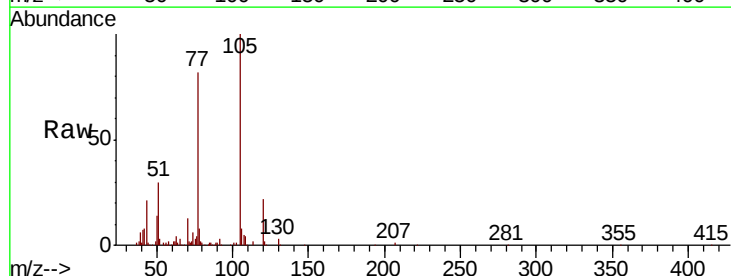
Instrument :  
BNA\_G  
ClientSampleId :  
PB123988BS

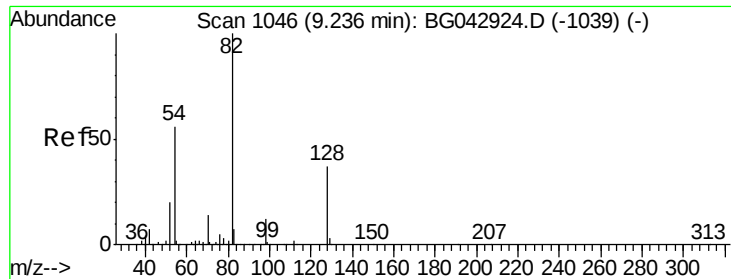
|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 178047 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 11.2    | 8.5   | 12.7   |
| 54 8.3      | 7.4   | 11.2   |
| 68 4.2      | 3.6   | 5.4    |



#22  
Acetophenone  
Concen: 39.824 ng  
RT: 8.87 min Scan# 984  
Delta R.T. -0.01 min  
Lab File: BG043247.D  
Acq: 16 Oct 2019 16:23

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 182773 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 2.4     | 1.2   | 1.8#   |
| 51  | 30.2    | 27.2  | 40.8   |
| 120 | 22.2    | 16.9  | 25.3   |

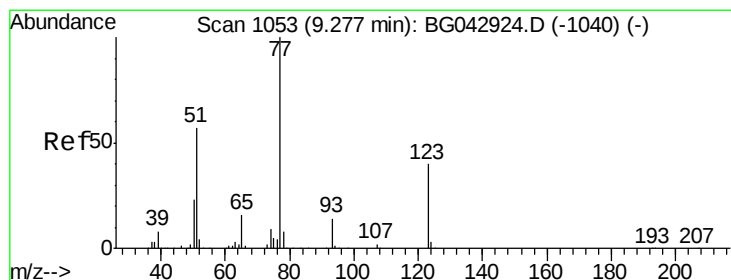
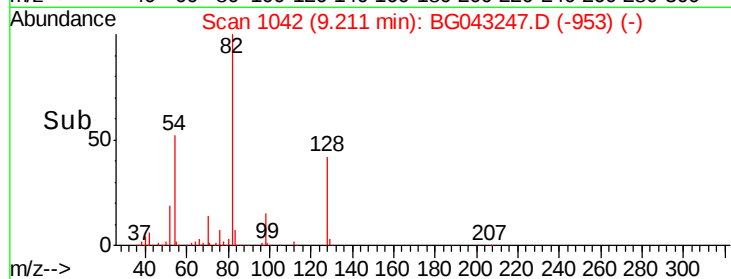
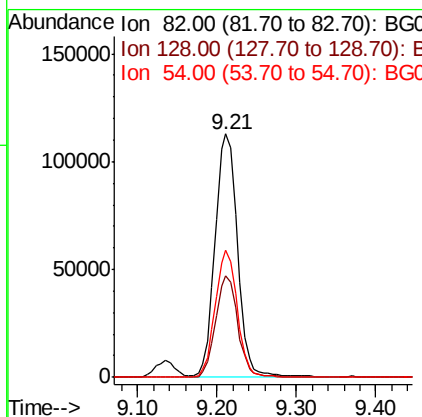
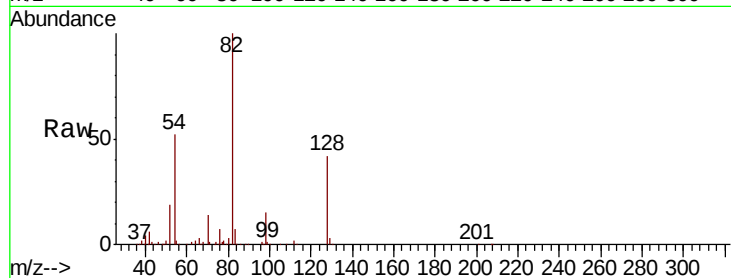




#23  
 Nitrobenzene-d5  
 Concen: 60.770 ng  
 RT: 9.21 min Scan# 1042  
 Delta R.T. -0.01 min  
 Lab File: BG043247.D  
 Acq: 16 Oct 2019 16:23

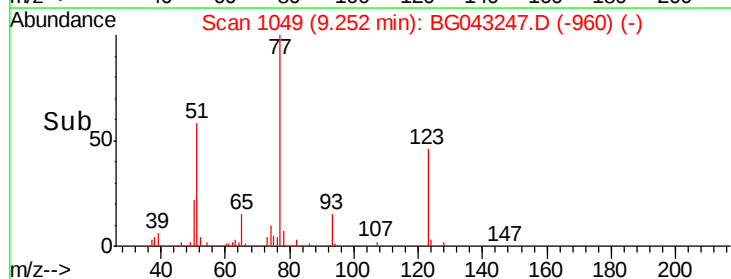
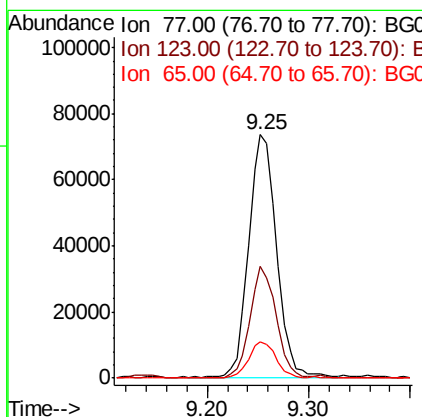
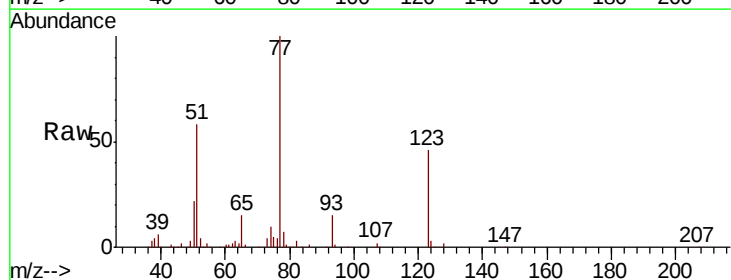
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB123988BS

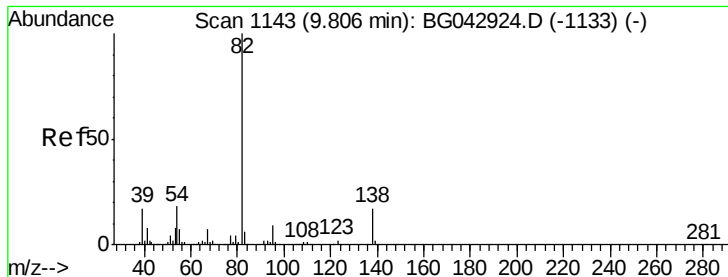
| Tot Ion   | 82    | Resp  | 222609 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 41.8  | 29.5  | 44.3   |
| 54        | 52.2  | 44.6  | 67.0   |



#24  
 Nitrobenzene  
 Concen: 39.995 ng  
 RT: 9.25 min Scan# 1049  
 Delta R.T. -0.01 min  
 Lab File: BG043247.D  
 Acq: 16 Oct 2019 16:23

| Tgt Ion   | 77    | Resp  | 139746 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 45.8  | 31.9  | 47.9   |
| 65        | 15.0  | 12.4  | 18.6   |





#25

Isophorone

Concen: 40.822 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

PB123988BS

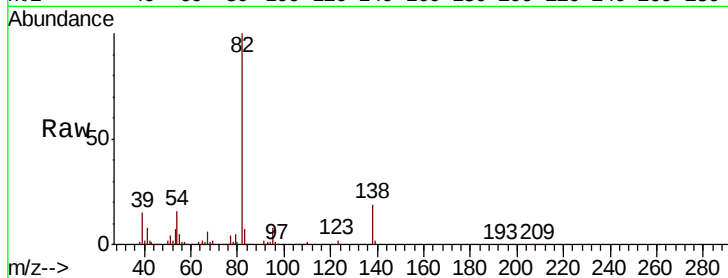
Tot Ion: 82 Resp: 262666

Ion Ratio Lower Upper

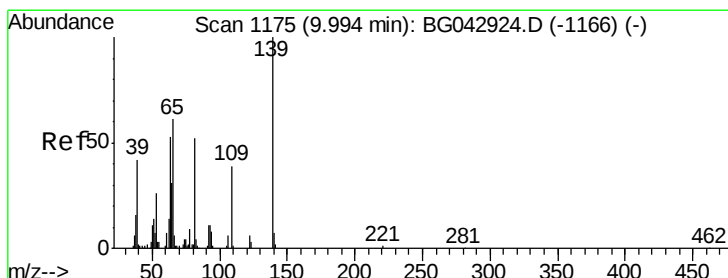
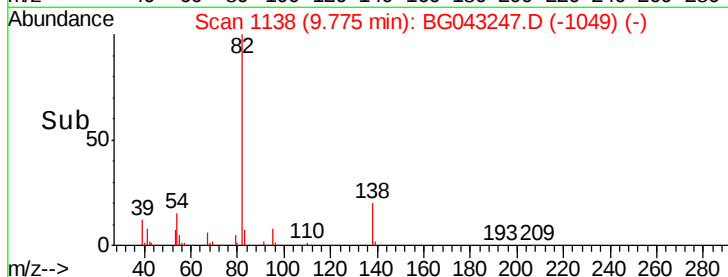
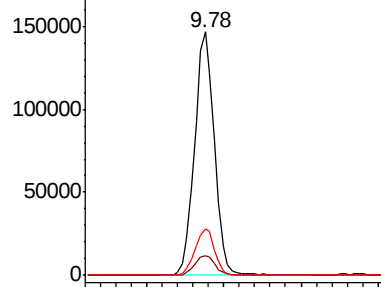
82 100

95 7.9 7.0 10.4

138 19.2 13.8 20.6



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



#26

2-Nitrophenol

Concen: 45.587 ng

RT: 9.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

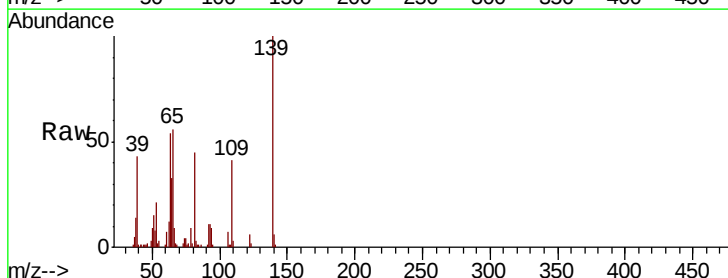
Tgt Ion: 139 Resp: 67807

Ion Ratio Lower Upper

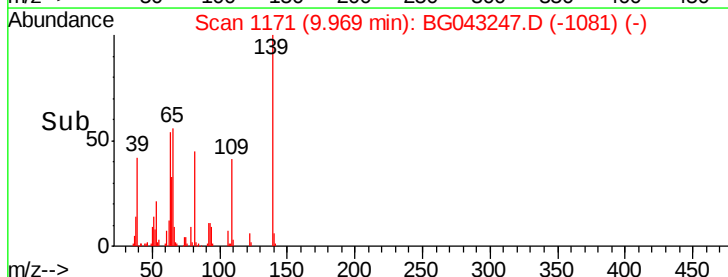
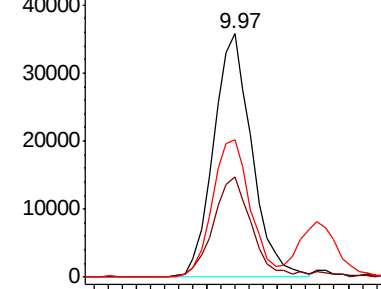
139 100

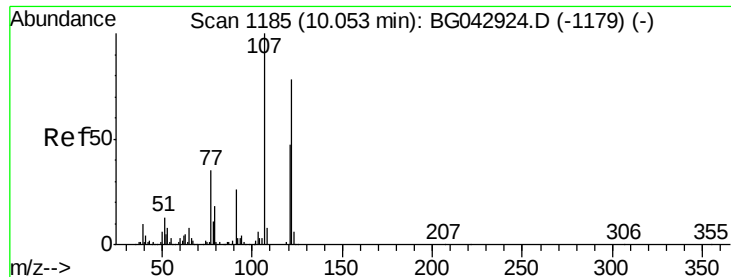
109 40.9 31.0 46.6

65 56.4 48.4 72.6



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

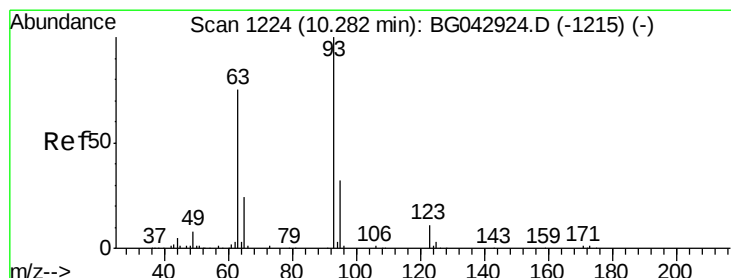
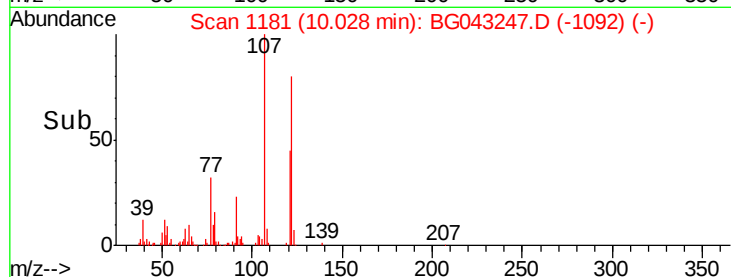
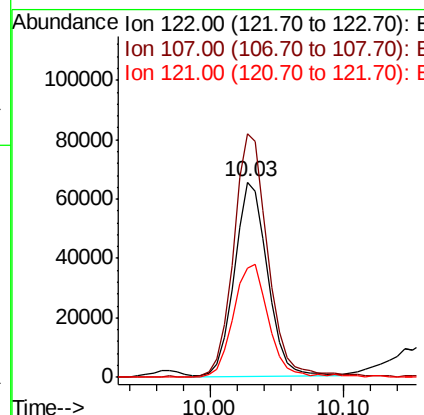
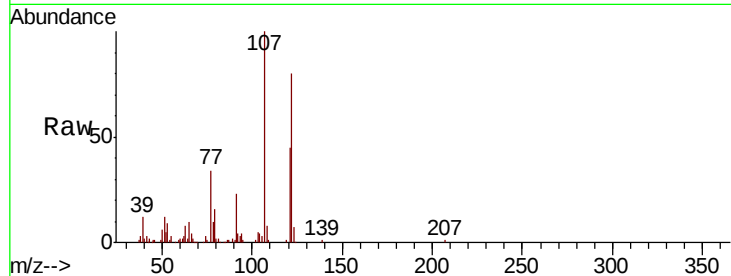




#27  
 2,4-Dimethylphenol  
 Concen: 49.141 ng  
 RT: 10.03 min Scan# 1181  
 Delta R.T. -0.01 min  
 Lab File: BG043247.D  
 Acq: 16 Oct 2019 16:23

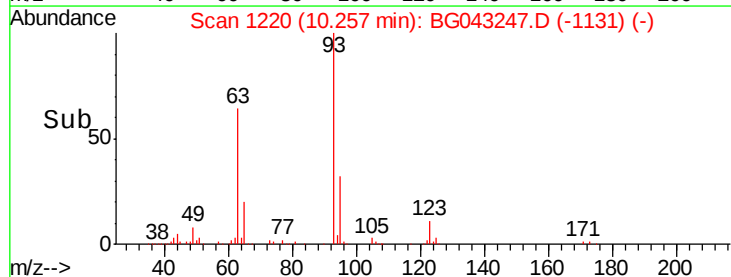
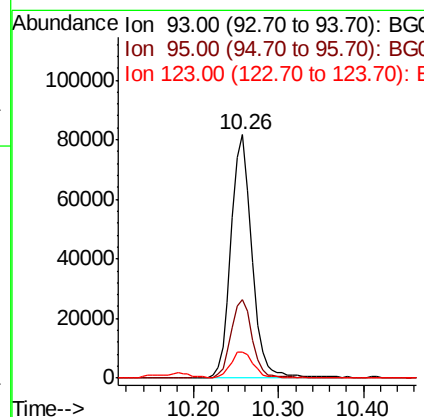
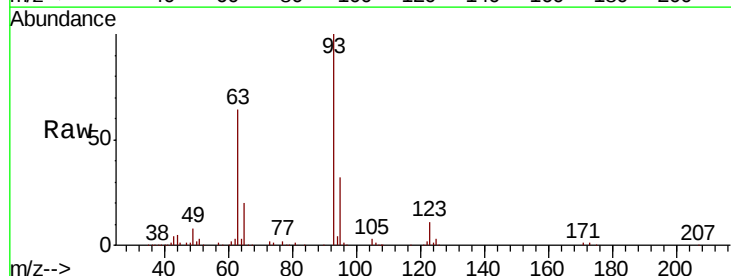
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB123988BS

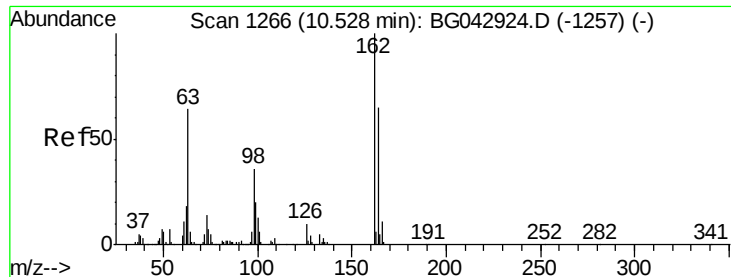
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 124.8 | 102.2 | 153.2 |
| 121     | 56.3  | 48.5  | 72.7  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 38.328 ng  
 RT: 10.26 min Scan# 1220  
 Delta R.T. -0.01 min  
 Lab File: BG043247.D  
 Acq: 16 Oct 2019 16:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.2  | 25.4  | 38.0  |
| 123     | 10.8  | 9.3   | 13.9  |





#29

2,4-Dichlorophenol

Concen: 46.353 ng

RT: 10.51 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

PB123988BS

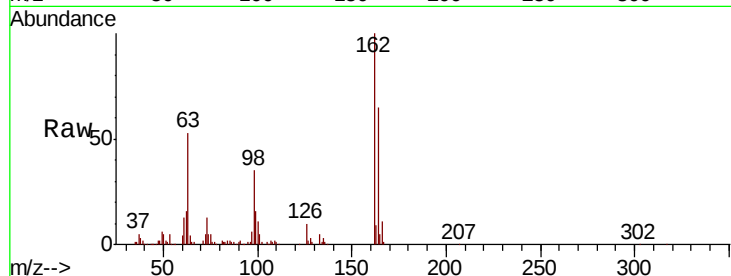
Tot Ion:162 Resp: 131684

Ion Ratio Lower Upper

162 100

164 65.1 44.7 84.7

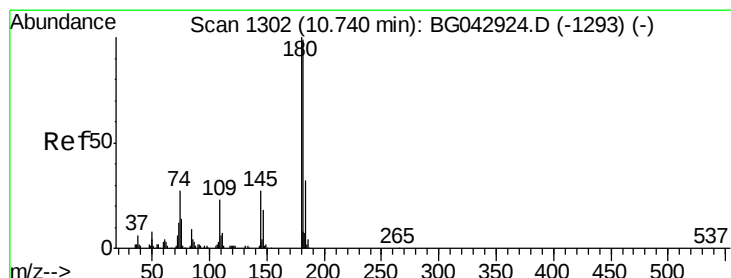
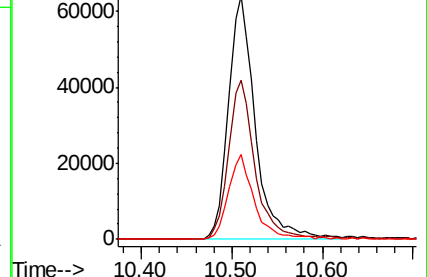
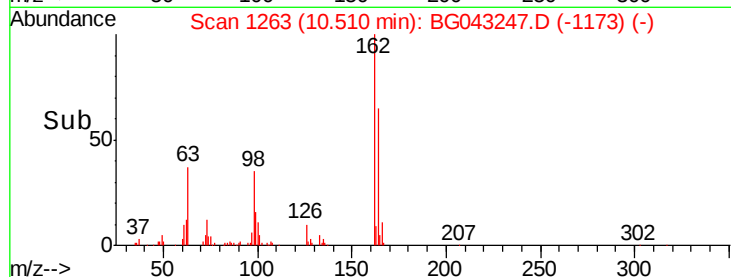
98 34.7 16.0 56.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 40.913 ng

RT: 10.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

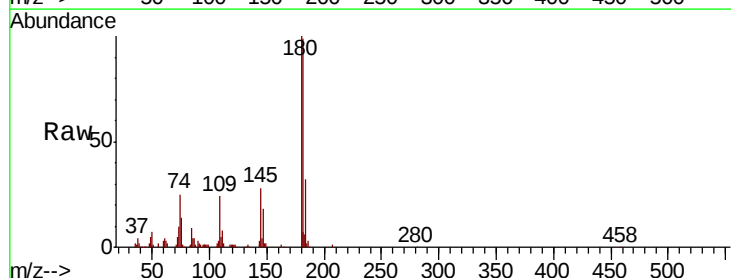
Tgt Ion:180 Resp: 150096

Ion Ratio Lower Upper

180 100

182 98.6 79.3 118.9

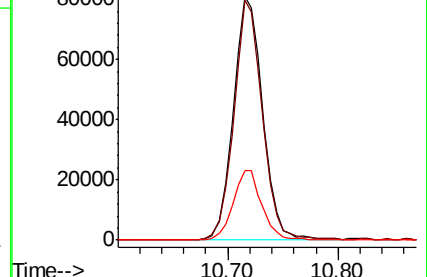
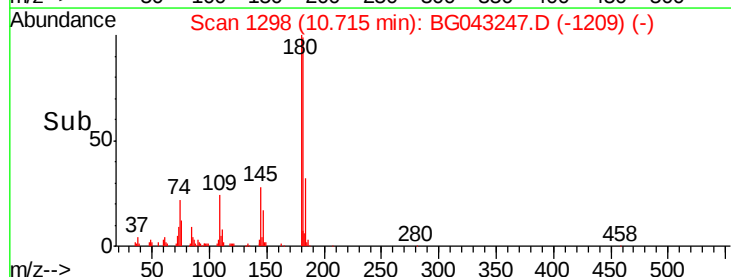
145 28.4 22.0 33.0

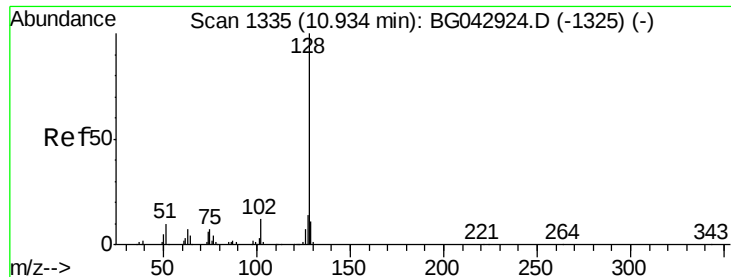


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

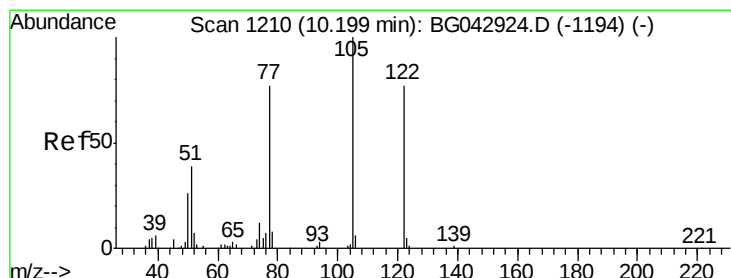
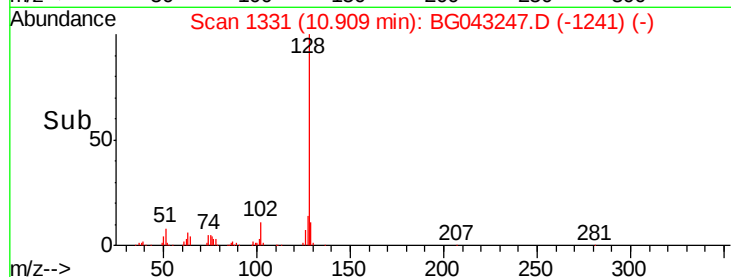
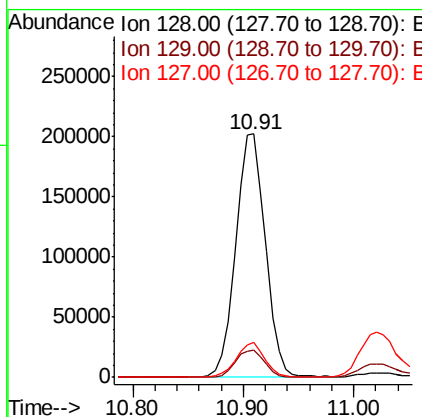
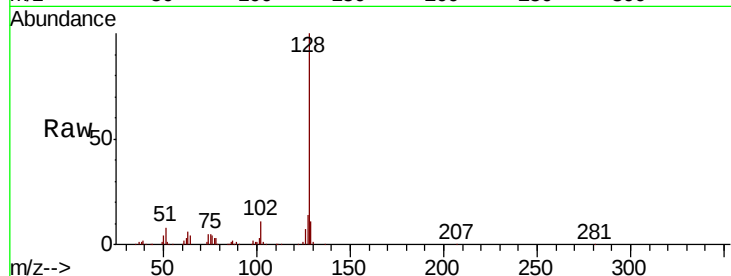




#31  
Naphthalene  
Concen: 43.577 ng  
RT: 10.91 min Scan# 1331  
Delta R.T. 0.00 min  
Lab File: BG043247.D  
Acq: 16 Oct 2019 16:23

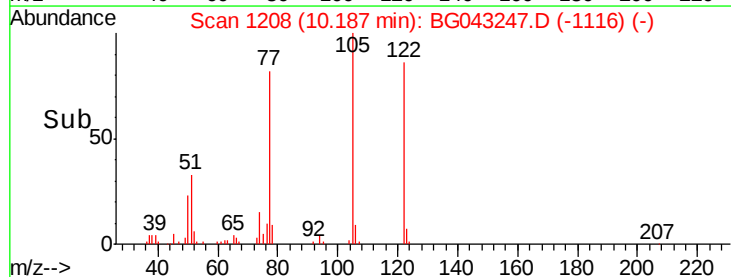
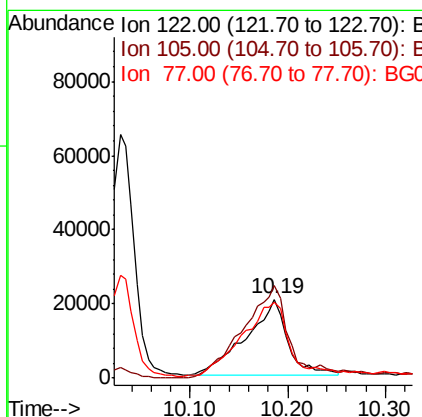
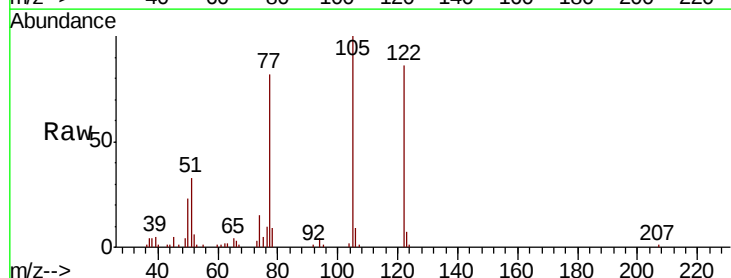
Instrument :  
BNA\_G  
ClientSampleId :  
PB123988BS

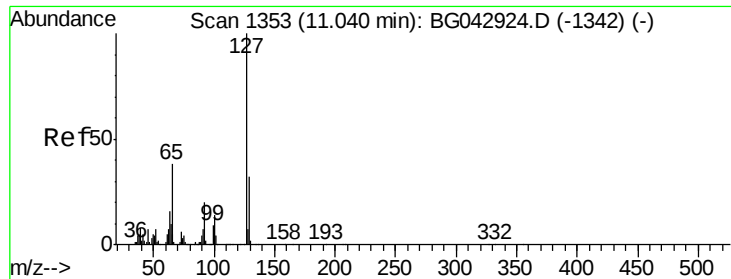
Tot Ion:128 Resp: 381939  
Ion Ratio Lower Upper  
128 100  
129 11.5 8.8 13.2  
127 14.2 11.3 16.9



#32  
Benzoic acid  
Concen: 36.249 ng  
RT: 10.19 min Scan# 1208  
Delta R.T. 0.01 min  
Lab File: BG043247.D  
Acq: 16 Oct 2019 16:23

Tgt Ion:122 Resp: 60856  
Ion Ratio Lower Upper  
122 100  
105 116.9 107.5 147.5  
77 95.7 79.8 119.8

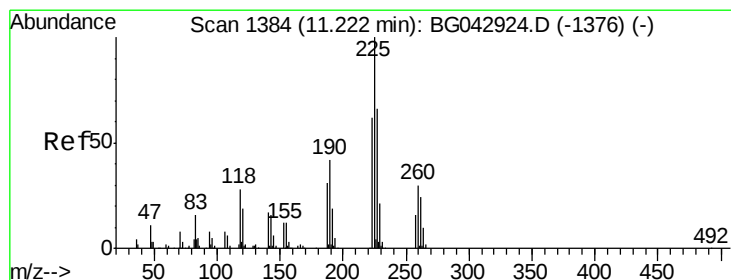
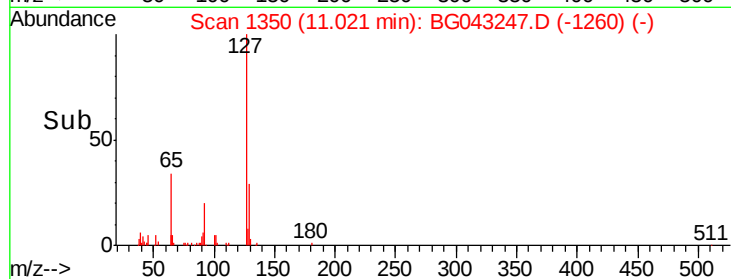
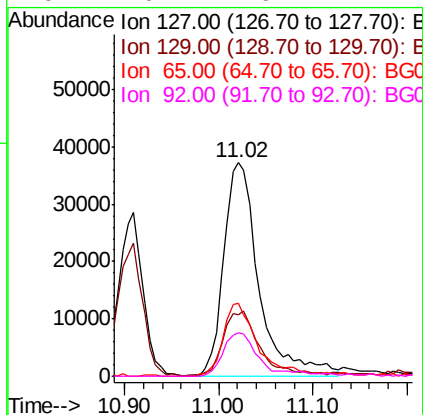
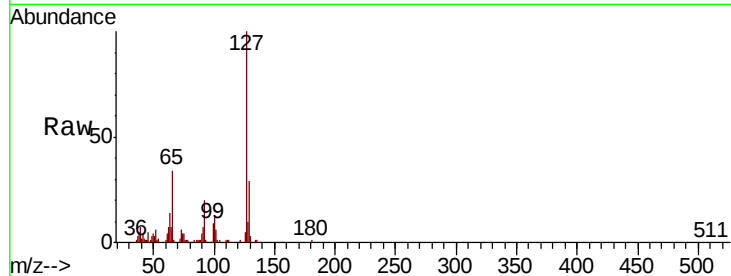




#33  
4-Chloroaniline  
Concen: 25.550 ng  
RT: 11.02 min Scan# 1350  
Delta R.T. 0.00 min  
Lab File: BG043247.D  
Acq: 16 Oct 2019 16:23

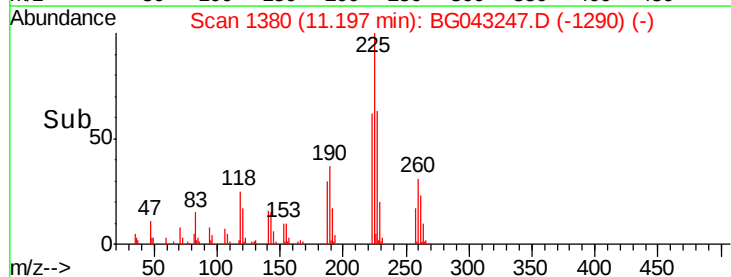
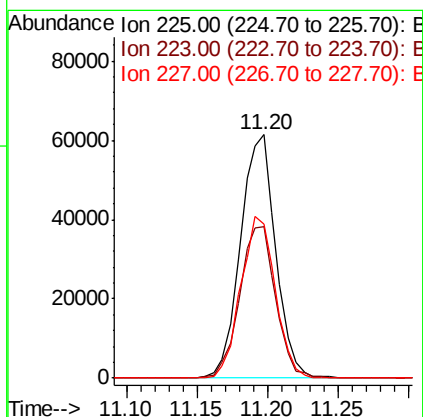
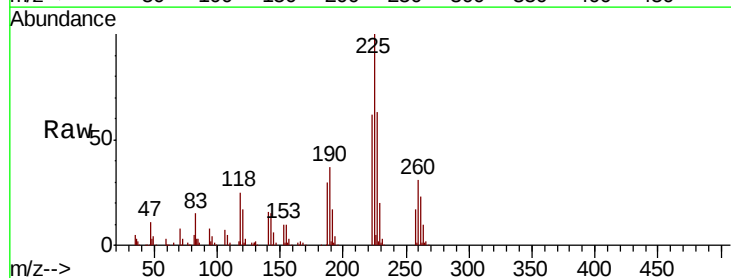
Instrument :  
BNA\_G  
ClientSampleId :  
PB123988BS

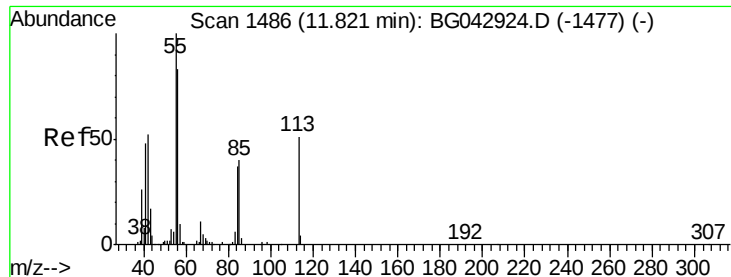
|             |       |       |       |
|-------------|-------|-------|-------|
| Tot Ion:127 | Resp: | 97173 |       |
| Ion         | Ratio | Lower | Upper |
| 127         | 100   |       |       |
| 129         | 29.0  | 26.2  | 39.2  |
| 65          | 34.3  | 30.6  | 45.8  |
| 92          | 20.1  | 16.2  | 24.4  |



#34  
Hexachlorobutadiene  
Concen: 38.805 ng  
RT: 11.20 min Scan# 1380  
Delta R.T. 0.00 min  
Lab File: BG043247.D  
Acq: 16 Oct 2019 16:23

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:225 | Resp: | 106596 |
| Ion | Ratio   | Lower | Upper  |
| 225 | 100     |       |        |
| 223 | 62.3    | 49.3  | 73.9   |
| 227 | 63.3    | 52.8  | 79.2   |





#35

Caprolactam

Concen: 16.840 ng

RT: 11.78 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

PB123988BS

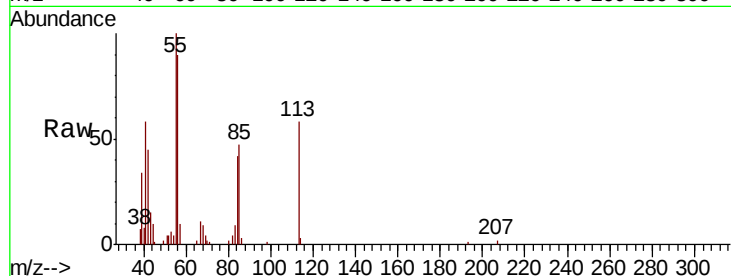
Tot Ion:113 Resp: 16871

Ion Ratio Lower Upper

113 100

55 171.5 175.5 215.5#

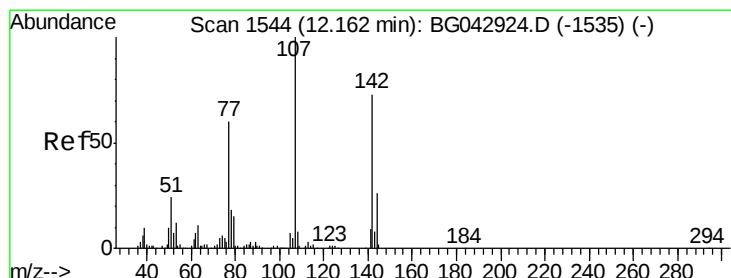
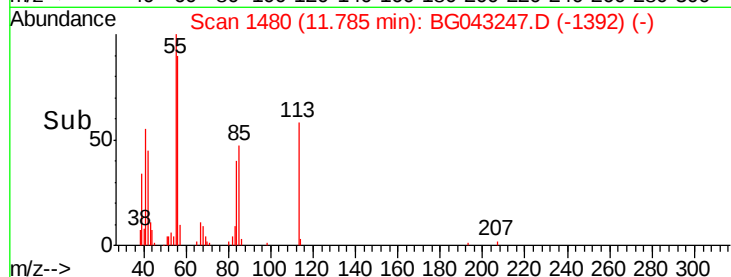
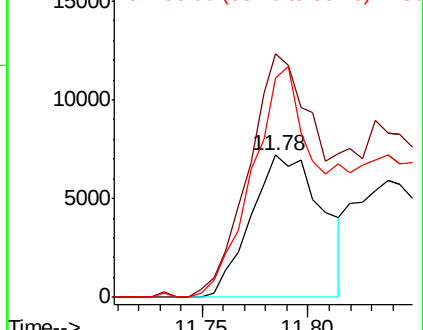
56 154.7 142.3 182.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 45.681 ng

RT: 12.14 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

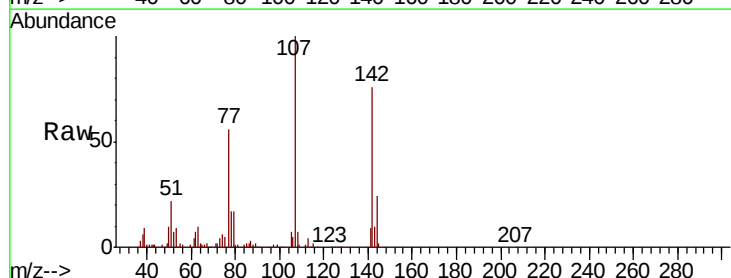
Tgt Ion:107 Resp: 141104

Ion Ratio Lower Upper

107 100

144 24.2 20.7 31.1

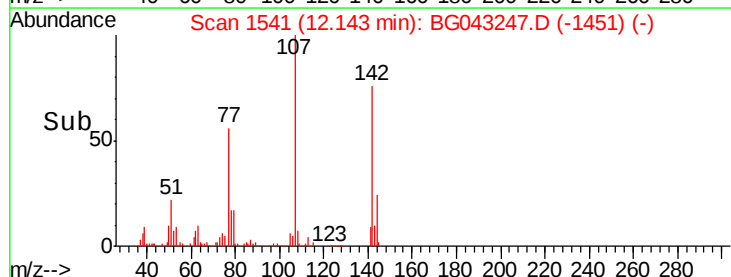
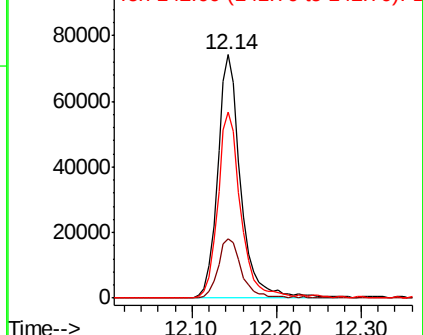
142 76.3 58.6 87.8

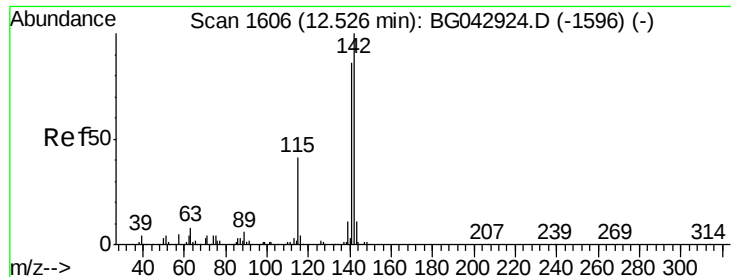


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

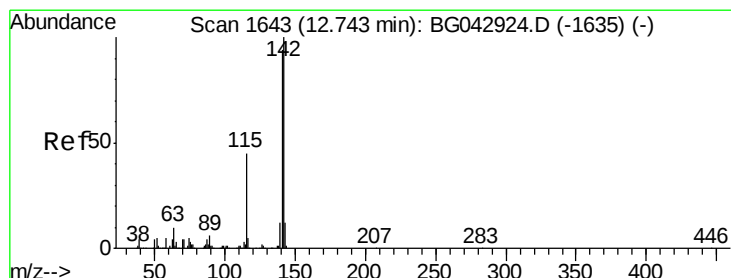
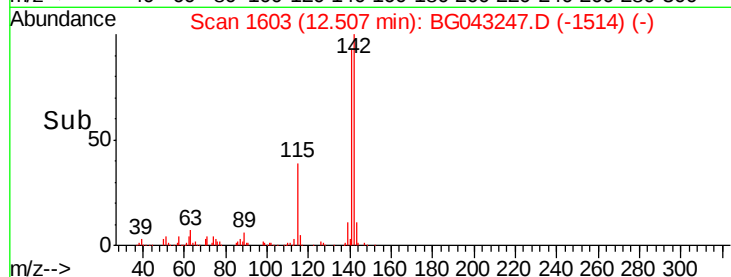
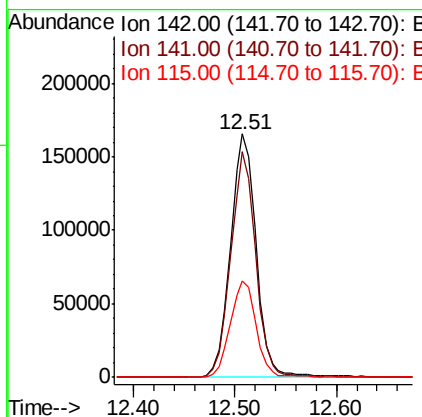
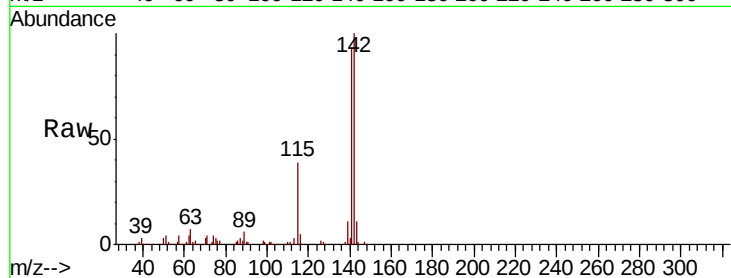




#37  
2-Methylnaphthalene  
Concen: 43.434 ng  
RT: 12.51 min Scan# 1603  
Delta R.T. -0.01 min  
Lab File: BG043247.D  
Acq: 16 Oct 2019 16:23

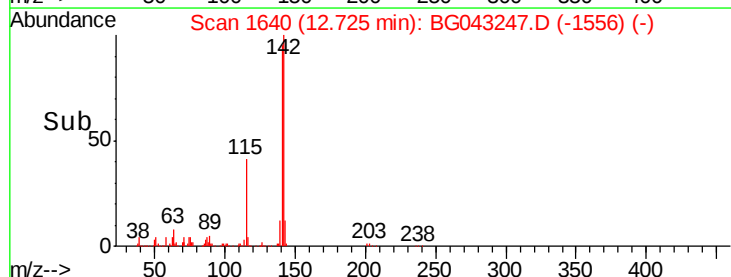
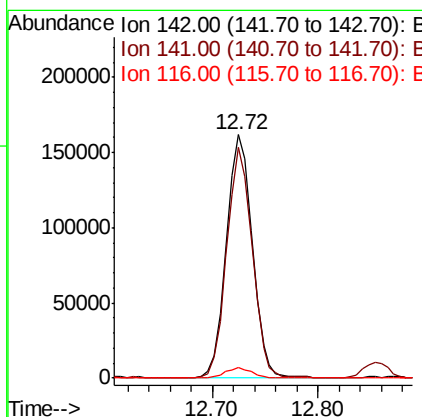
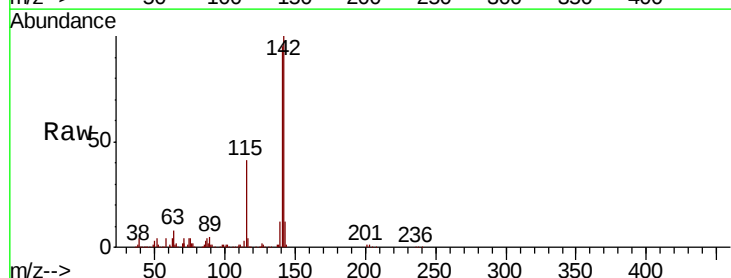
Instrument :  
BNA\_G  
ClientSampleId :  
PB123988BS

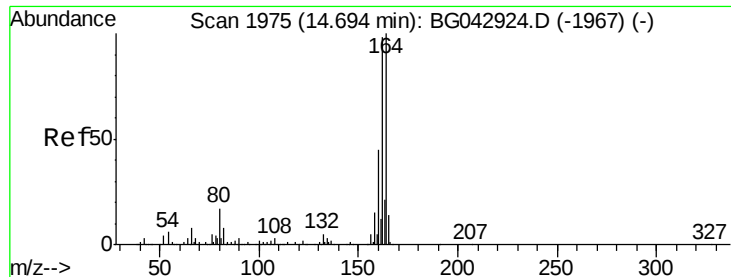
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.7  | 69.0  | 103.4 |
| 115     | 39.5  | 32.8  | 49.2  |



#38  
1-Methylnaphthalene  
Concen: 43.178 ng  
RT: 12.72 min Scan# 1640  
Delta R.T. -0.01 min  
Lab File: BG043247.D  
Acq: 16 Oct 2019 16:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 94.6  | 74.9  | 112.3 |
| 116     | 4.3   | 3.7   | 5.5   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

PB123988BS

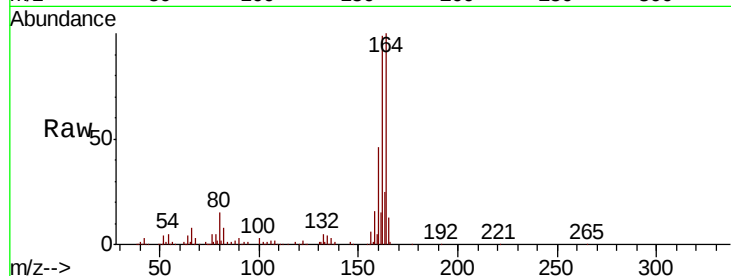
Tot Ion:164 Resp: 129938

Ion Ratio Lower Upper

164 100

162 99.4 78.5 117.7

160 46.3 35.9 53.9

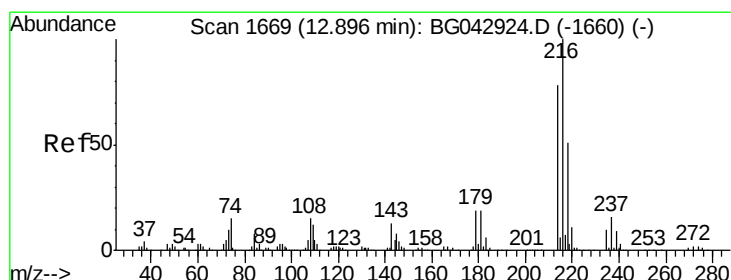
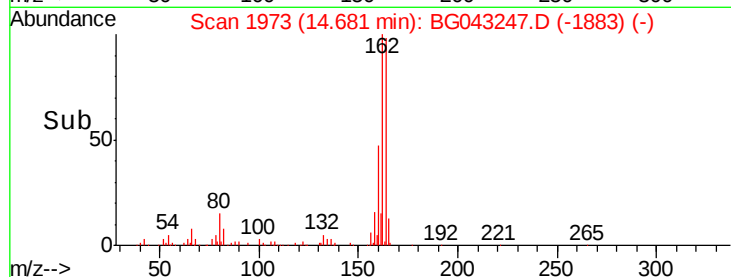
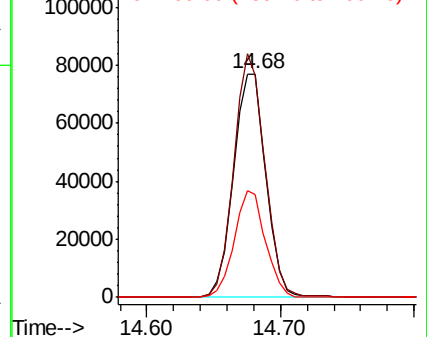


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.808 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Tgt Ion:216 Resp: 189600

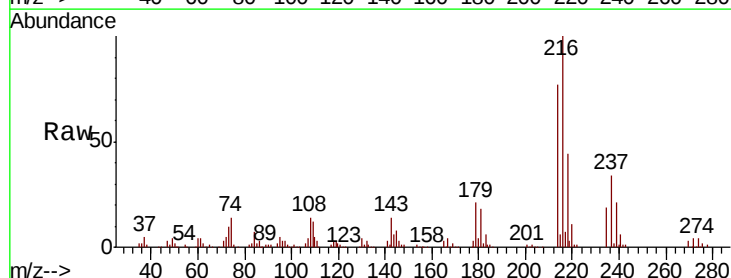
Ion Ratio Lower Upper

216 100

214 78.2 62.4 93.6

179 19.6 15.4 23.2

108 14.9 12.6 19.0



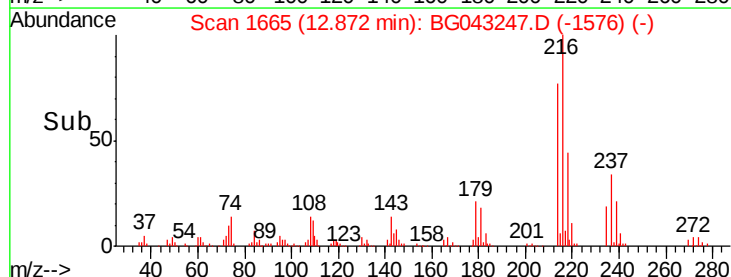
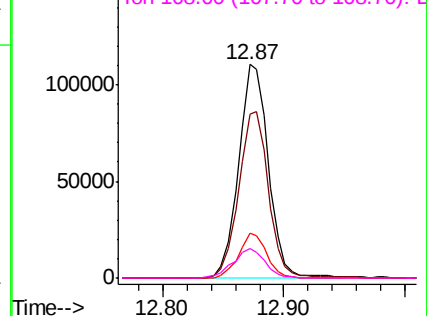
Abundance

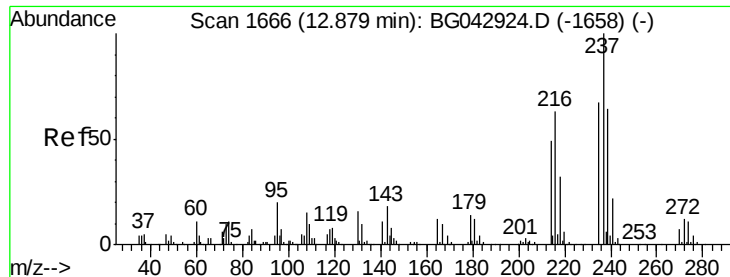
Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 57.112 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

PB123988BS

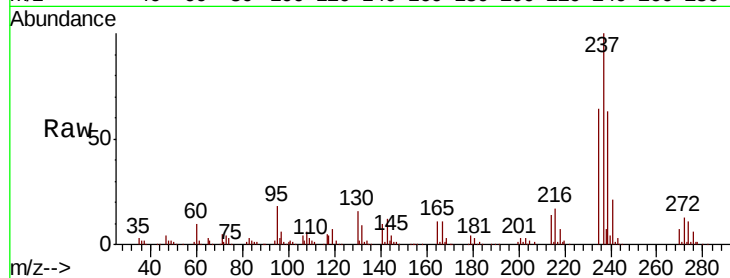
Tot Ion:237 Resp: 177783

Ion Ratio Lower Upper

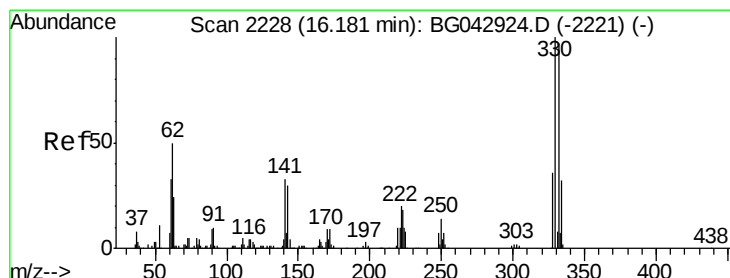
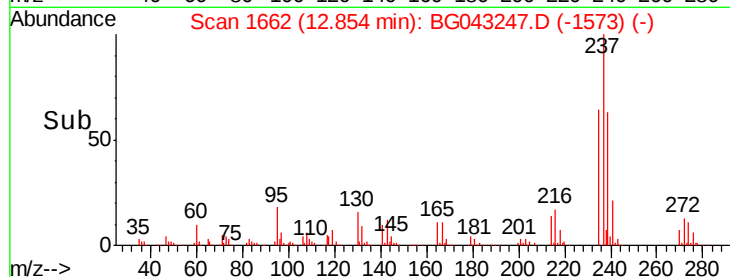
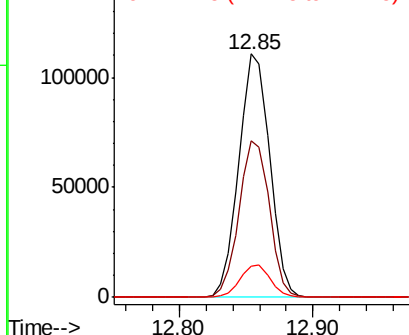
237 100

235 64.3 46.7 86.7

272 12.6 0.0 32.3



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



#42

2,4,6-Tribromophenol

Concen: 125.869 ng

RT: 16.17 min Scan# 2226

Delta R.T. 0.00 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

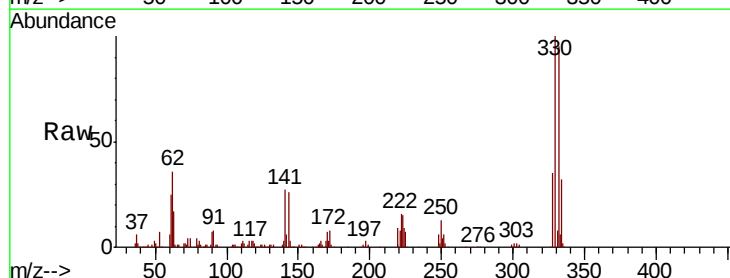
Tgt Ion:330 Resp: 281238

Ion Ratio Lower Upper

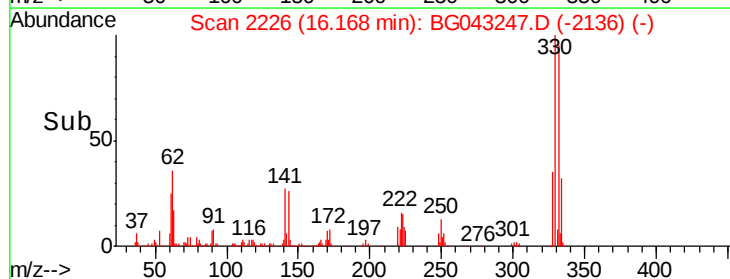
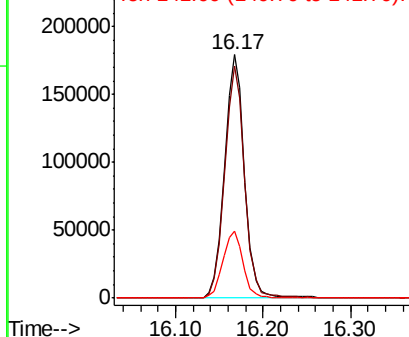
330 100

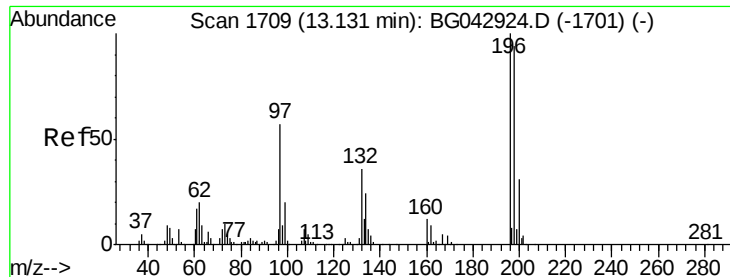
332 95.3 78.2 117.2

141 27.7 26.0 39.0



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

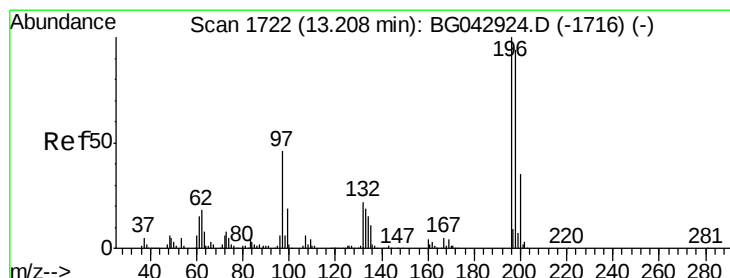
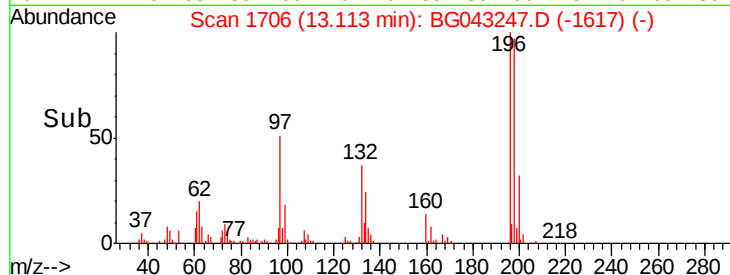
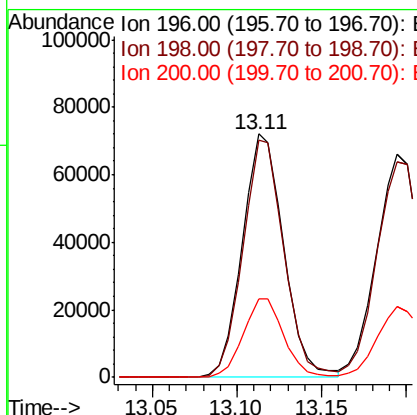
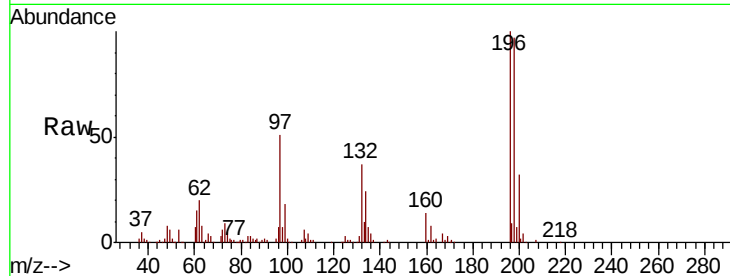




#43  
 2,4,6-Trichlorophenol  
 Concen: 42.888 ng  
 RT: 13.11 min Scan# 1706  
 Delta R.T. -0.01 min  
 Lab File: BG043247.D  
 Acq: 16 Oct 2019 16:23

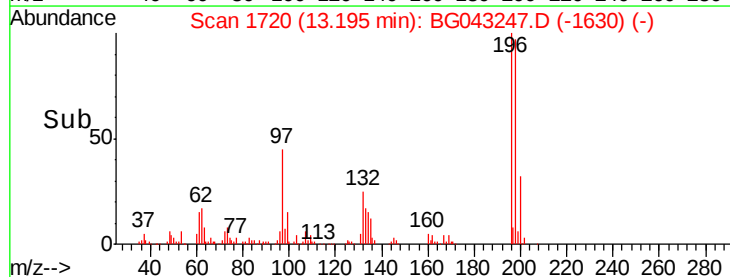
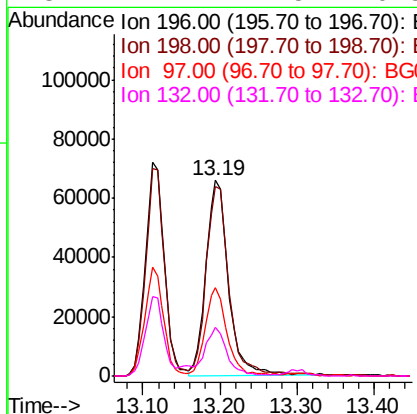
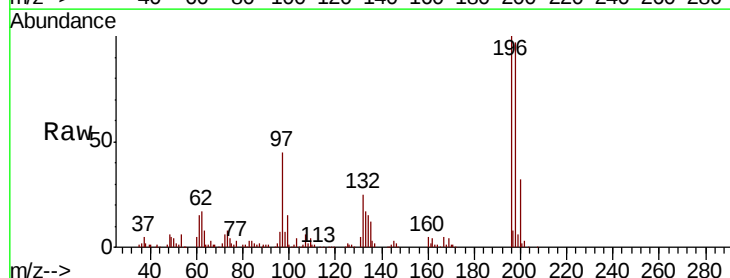
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB123988BS

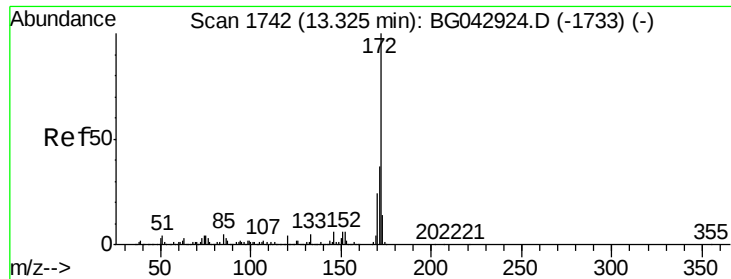
Tot Ion:196 Resp: 122639  
 Ion Ratio Lower Upper  
 196 100  
 198 97.3 75.5 113.3  
 200 32.4 24.9 37.3



#44  
 2,4,5-Trichlorophenol  
 Concen: 45.066 ng  
 RT: 13.19 min Scan# 1720  
 Delta R.T. 0.00 min  
 Lab File: BG043247.D  
 Acq: 16 Oct 2019 16:23

Tgt Ion:196 Resp: 132753  
 Ion Ratio Lower Upper  
 196 100  
 198 96.9 75.1 112.7  
 97 44.9 37.0 55.4  
 132 24.7 17.5 26.3

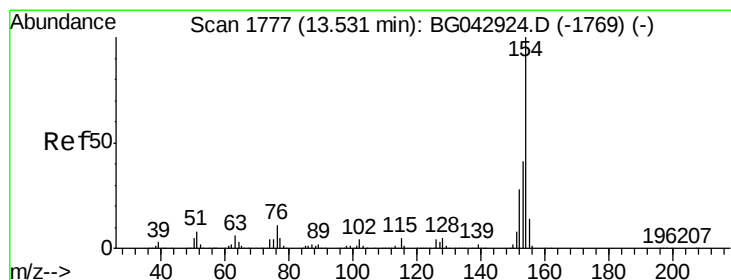
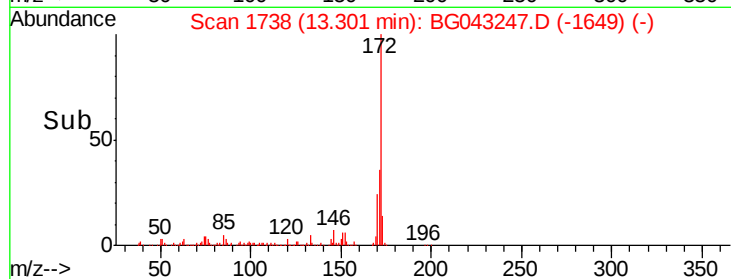
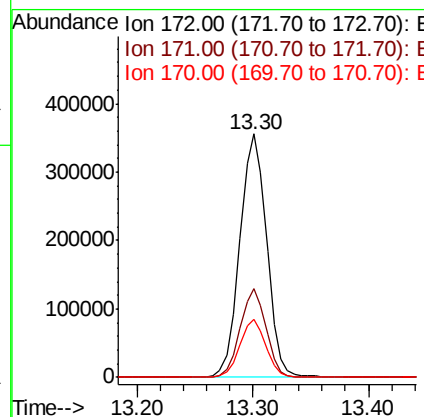
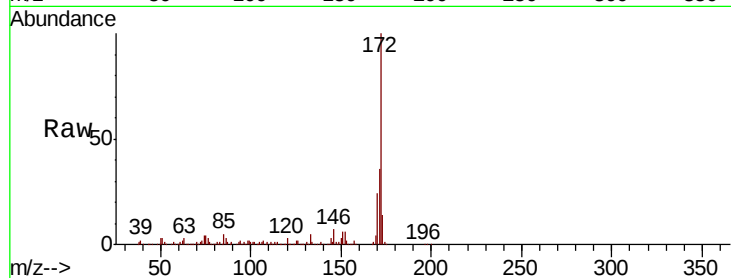




#45  
2-Fluorobiphenyl  
Concen: 63.644 ng  
RT: 13.30 min Scan# 1738  
Delta R.T. -0.01 min  
Lab File: BG043247.D  
Acq: 16 Oct 2019 16:23

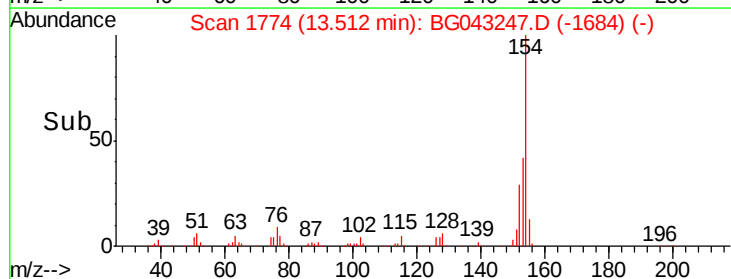
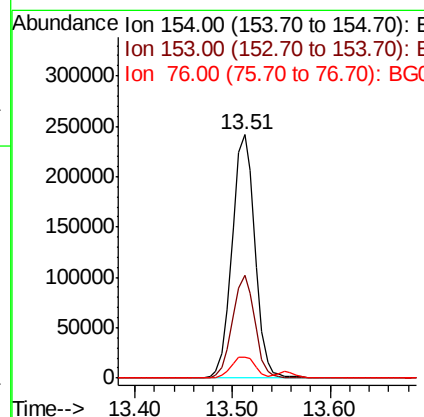
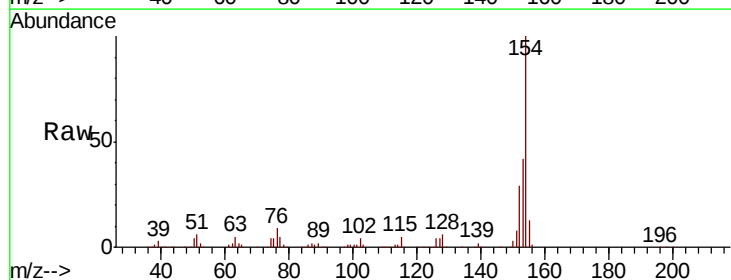
Instrument :  
BNA\_G  
ClientSampleId :  
PB123988BS

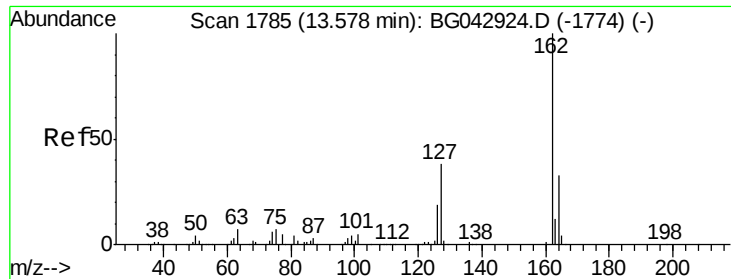
Tot Ion:172 Resp: 570445  
Ion Ratio Lower Upper  
172 100  
171 36.5 29.6 44.4  
170 23.8 19.6 29.4



#46  
1,1'-Biphenyl  
Concen: 39.780 ng  
RT: 13.51 min Scan# 1774  
Delta R.T. 0.00 min  
Lab File: BG043247.D  
Acq: 16 Oct 2019 16:23

Tgt Ion:154 Resp: 391987  
Ion Ratio Lower Upper  
154 100  
153 42.0 21.4 61.4  
76 8.8 0.0 31.3

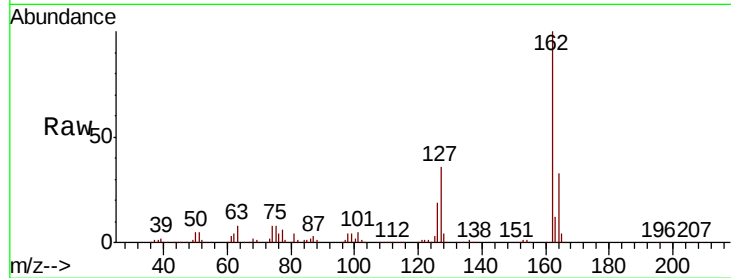




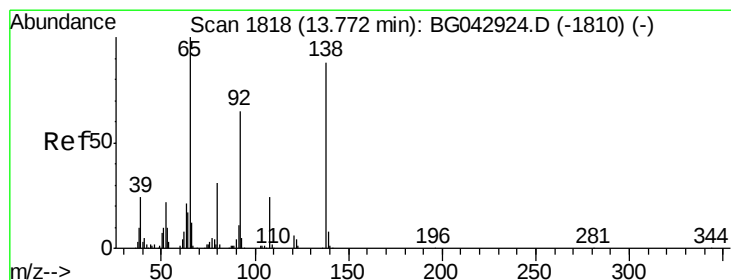
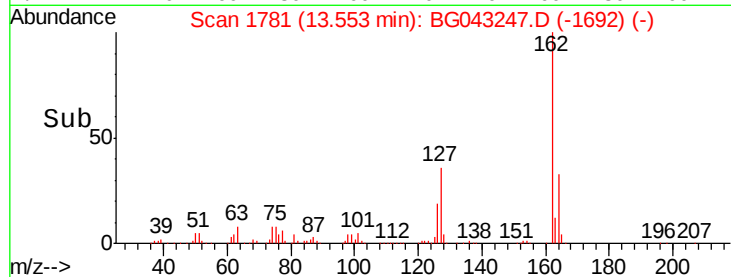
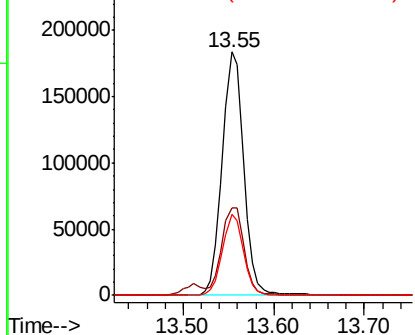
#47  
 2-Chloronaphthalene  
 Concen: 41.175 ng  
 RT: 13.55 min Scan# 1781  
 Delta R.T. -0.01 min  
 Lab File: BG043247.D  
 Acq: 16 Oct 2019 16:23

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB123988BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 36.2  | 31.0  | 46.6  |
| 164     | 33.1  | 26.2  | 39.2  |

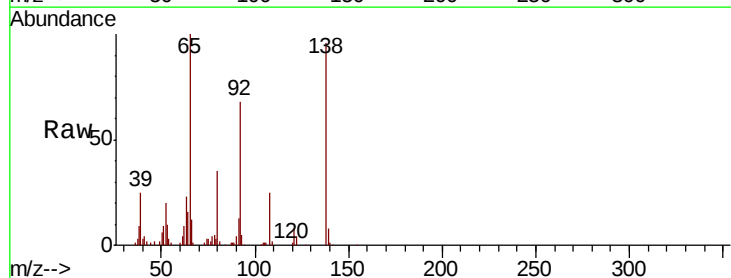


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

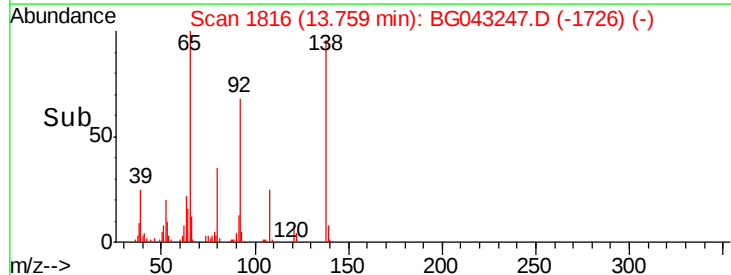
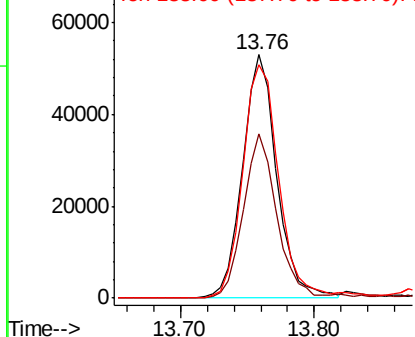


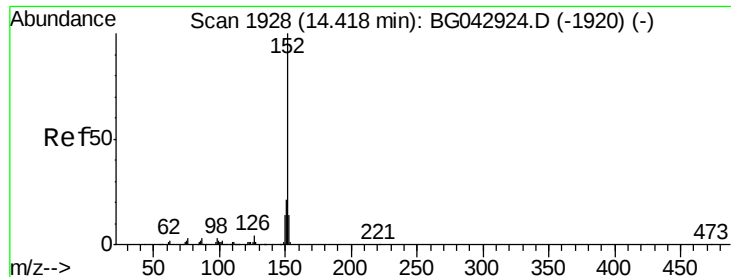
#48  
 2-Nitroaniline  
 Concen: 38.219 ng  
 RT: 13.76 min Scan# 1816  
 Delta R.T. 0.00 min  
 Lab File: BG043247.D  
 Acq: 16 Oct 2019 16:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 67.6  | 52.0  | 78.0  |
| 138     | 95.8  | 70.4  | 105.6 |



Abundance Ion 65.00 (64.70 to 65.70): BGC  
 Ion 92.00 (91.70 to 92.70): BGC  
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.970 ng

RT: 14.40 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

PB123988BS

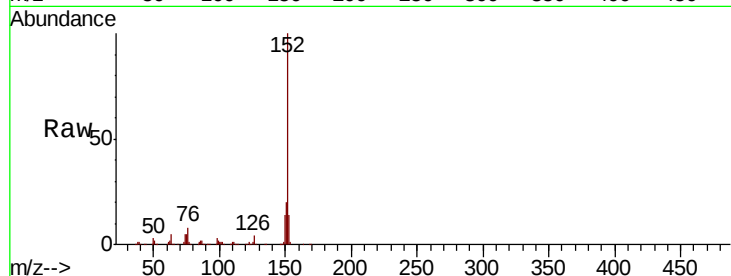
Tot Ion:152 Resp: 485759

Ion Ratio Lower Upper

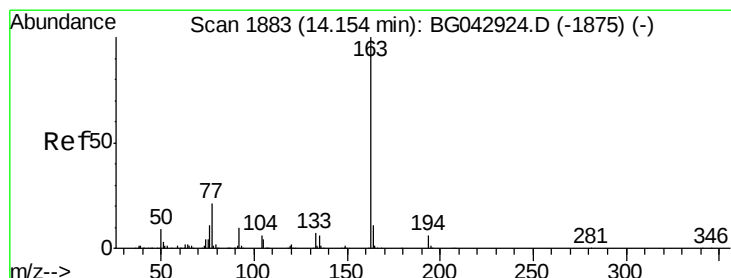
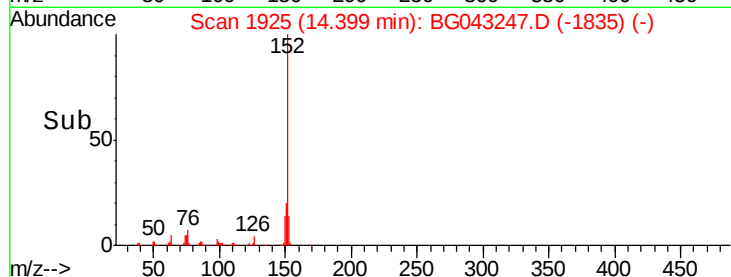
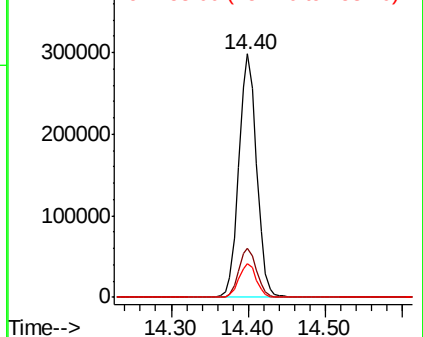
152 100

151 20.0 16.8 25.2

153 13.7 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.088 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

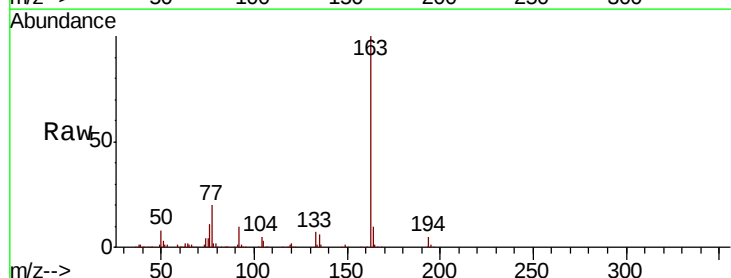
Tgt Ion:163 Resp: 400022

Ion Ratio Lower Upper

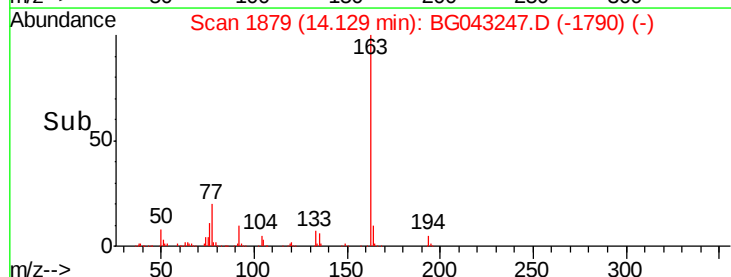
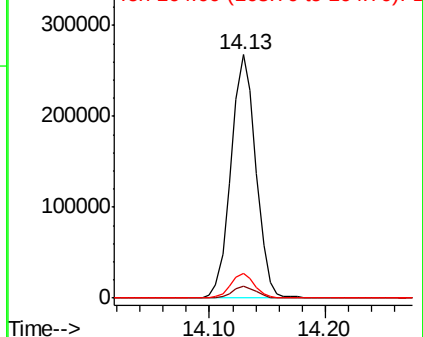
163 100

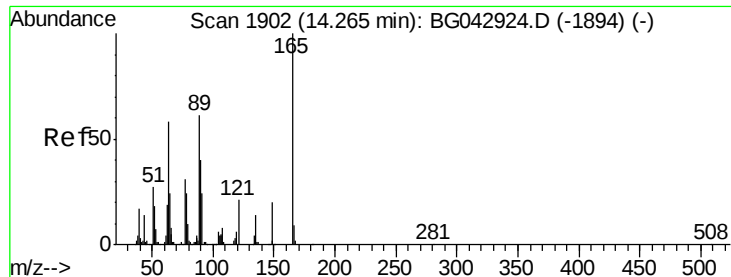
194 4.7 4.4 6.6

164 10.4 8.6 12.8



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





#51

2,6-Dinitrotoluene

Concen: 43.853 ng

RT: 14.25 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

PB123988BS

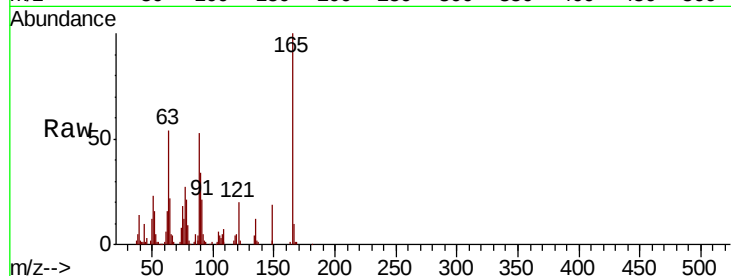
Tot Ion:165 Resp: 90921

Ion Ratio Lower Upper

165 100

63 54.5 50.3 75.5

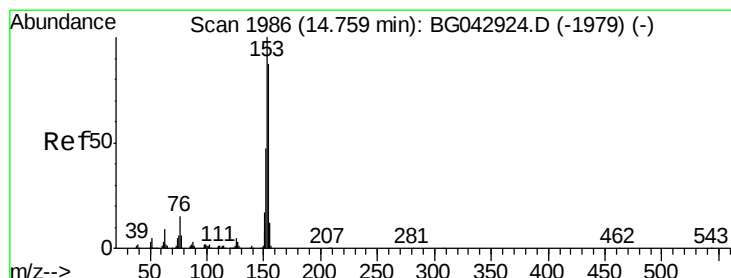
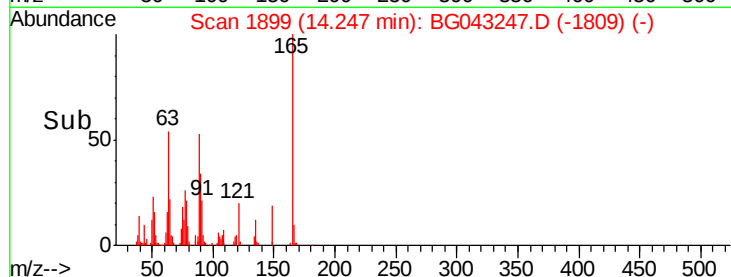
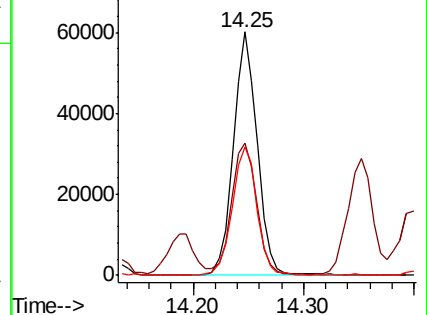
89 52.8 48.9 73.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 37.978 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

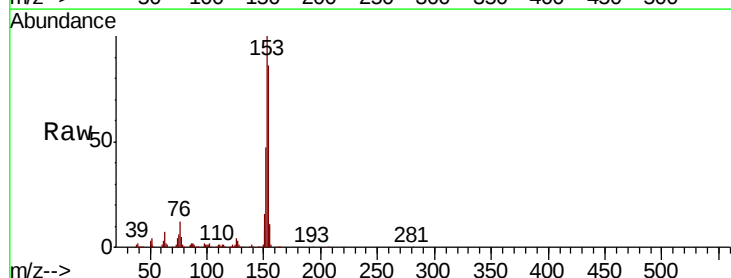
Tgt Ion:154 Resp: 287364

Ion Ratio Lower Upper

154 100

153 116.5 91.4 137.0

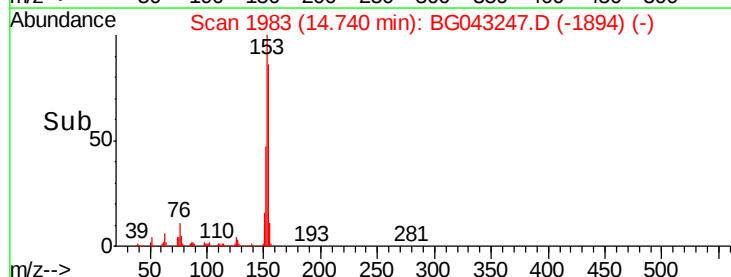
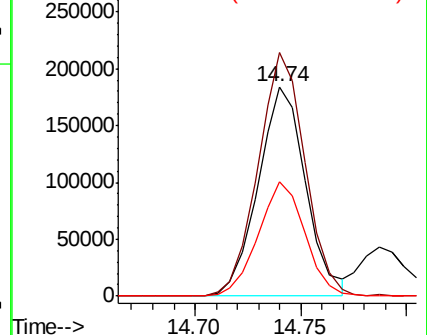
152 54.5 42.8 64.2

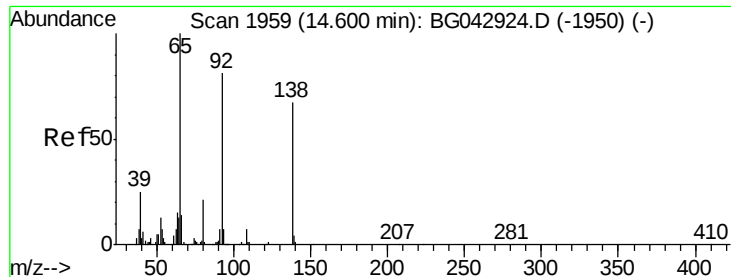


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 31.082 ng

RT: 14.59 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

PB123988BS

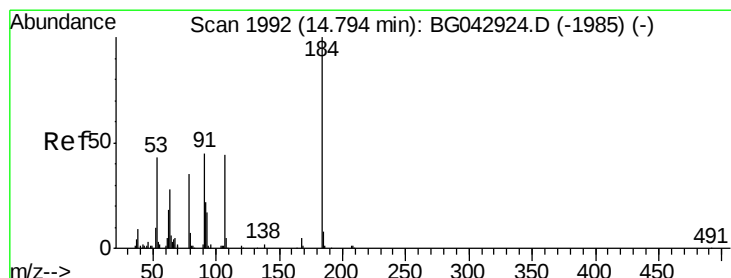
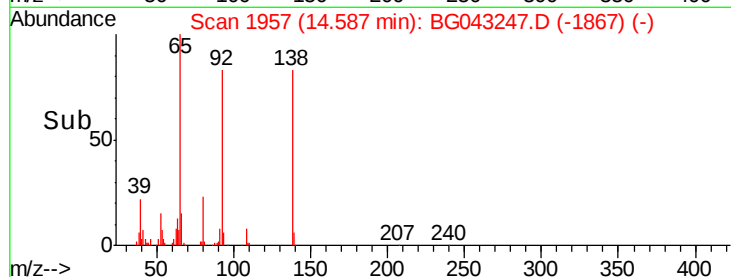
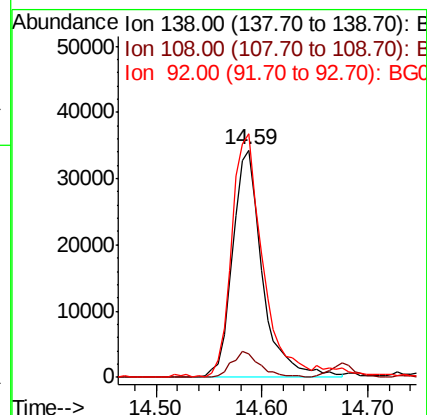
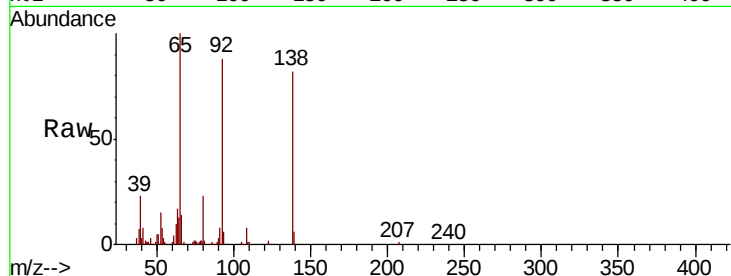
Tot Ion:138 Resp: 66598

Ion Ratio Lower Upper

138 100

108 10.3 7.9 11.9

92 107.1 97.0 145.6



#54

2,4-Dinitrophenol

Concen: 89.137 ng

RT: 14.79 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

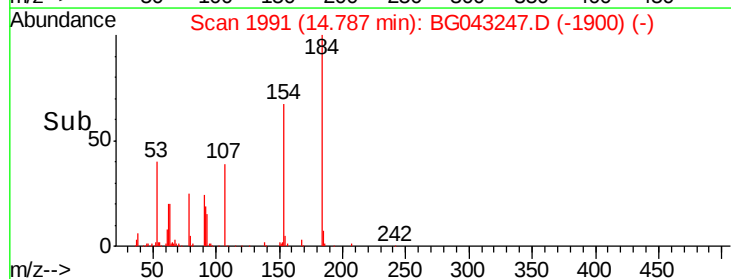
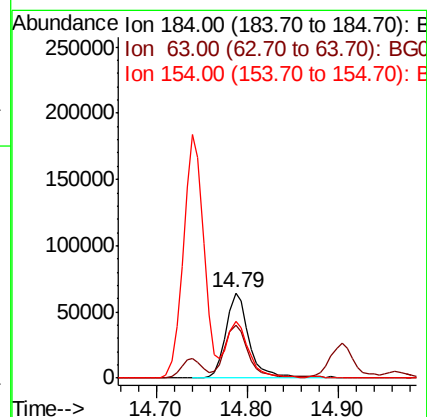
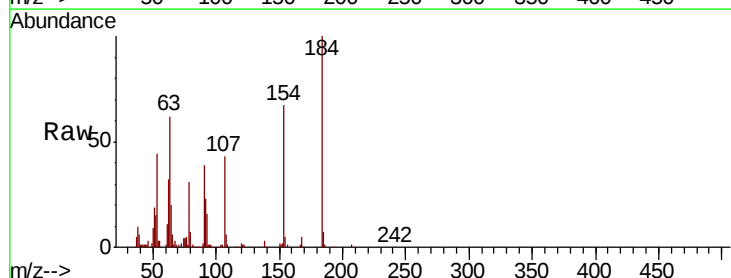
Tgt Ion:184 Resp: 114874

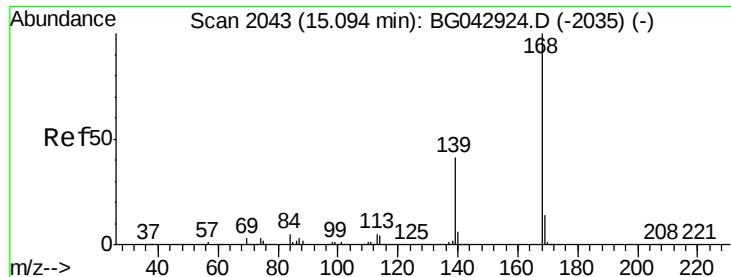
Ion Ratio Lower Upper

184 100

63 62.3 55.0 82.6

154 66.8 56.5 84.7

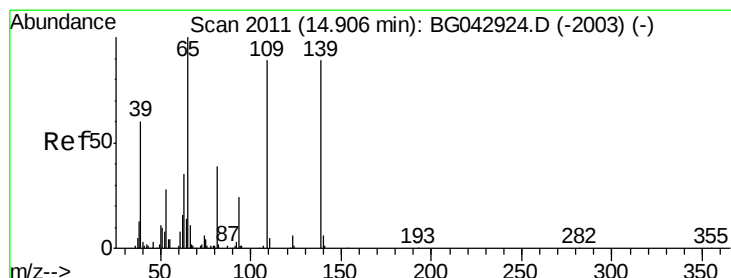
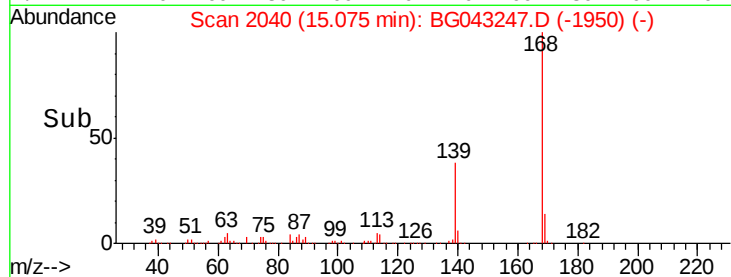
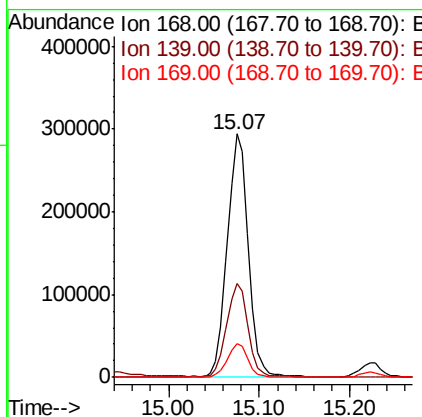
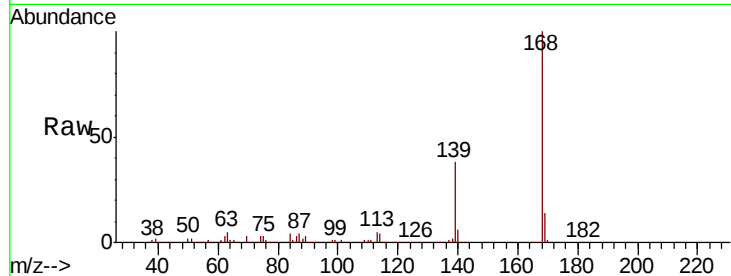




#55  
Dibenzenofuran  
Concen: 42.516 ng  
RT: 15.07 min Scan# 2040  
Delta R.T. 0.00 min  
Lab File: BG043247.D  
Acq: 16 Oct 2019 16:23

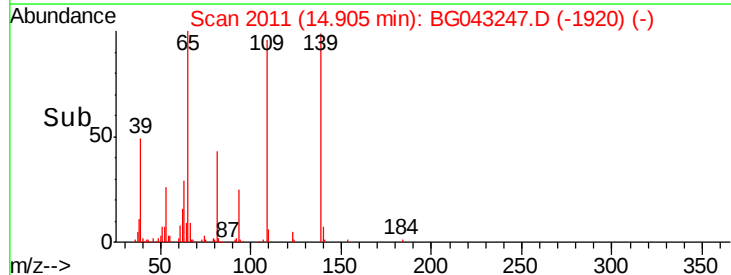
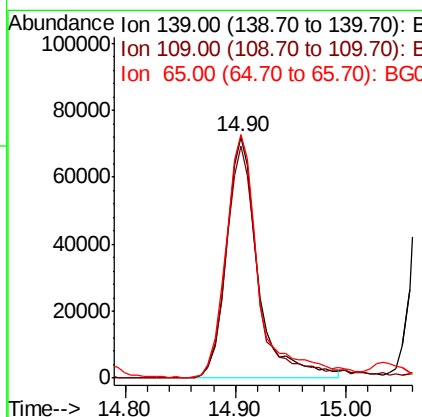
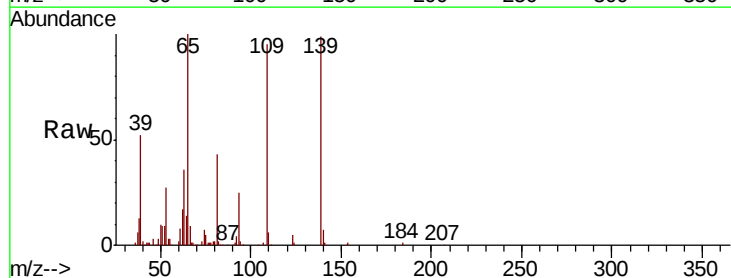
Instrument :  
BNA\_G  
ClientSampleId :  
PB123988BS

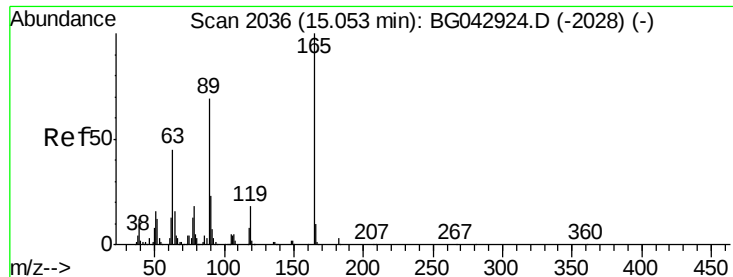
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.5  | 32.6  | 48.8  |
| 169     | 14.1  | 11.2  | 16.8  |



#56  
4-Nitrophenol  
Concen: 88.498 ng  
RT: 14.90 min Scan# 2011  
Delta R.T. 0.01 min  
Lab File: BG043247.D  
Acq: 16 Oct 2019 16:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 96.2  | 79.4  | 119.4 |
| 65      | 100.9 | 92.5  | 132.5 |

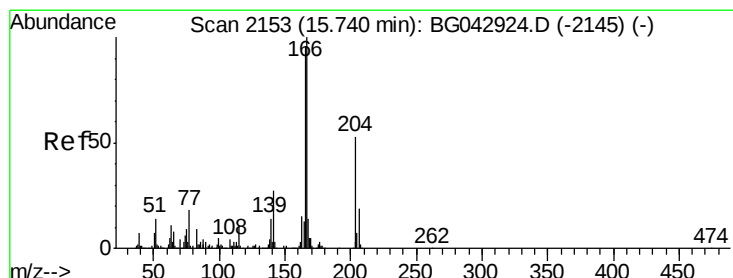
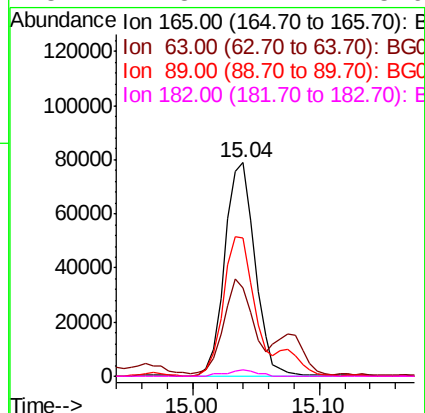
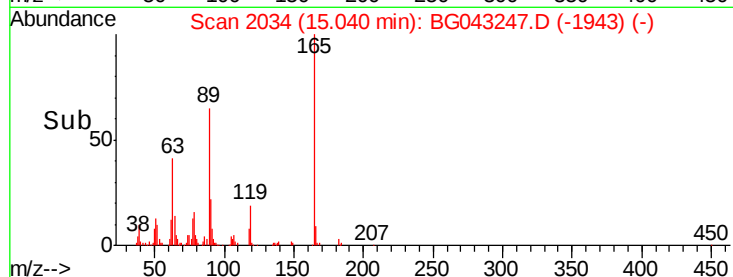
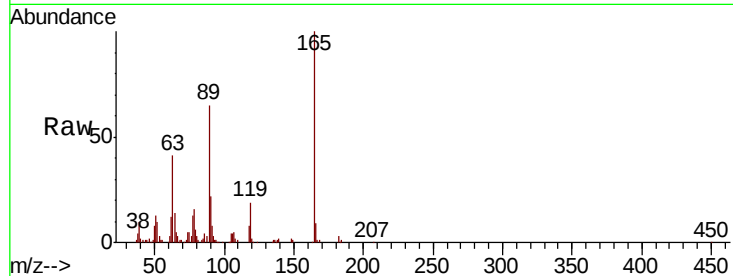




#57  
2,4-Dinitrotoluene  
Concen: 43.104 ng  
RT: 15.04 min Scan# 2034  
Delta R.T. 0.01 min  
Lab File: BG043247.D  
Acq: 16 Oct 2019 16:23

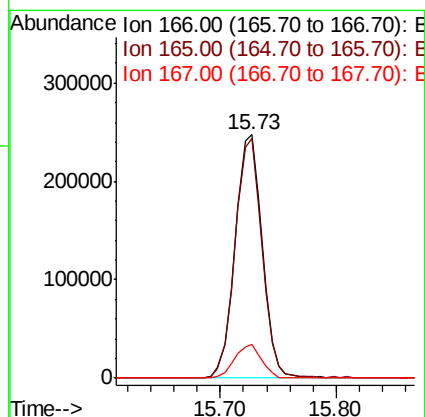
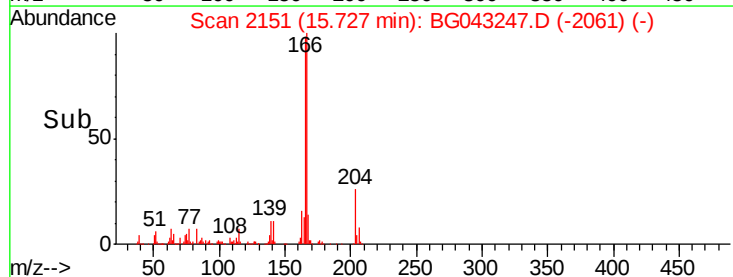
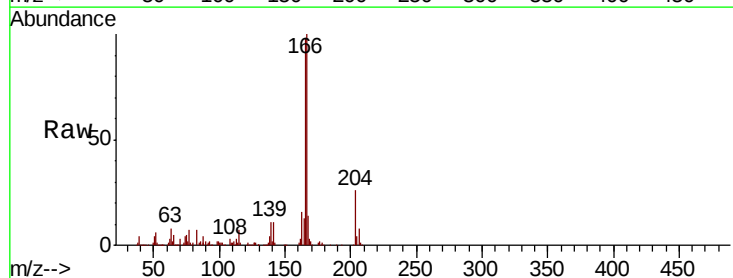
Instrument :  
BNA\_G  
ClientSampleId :  
PB123988BS

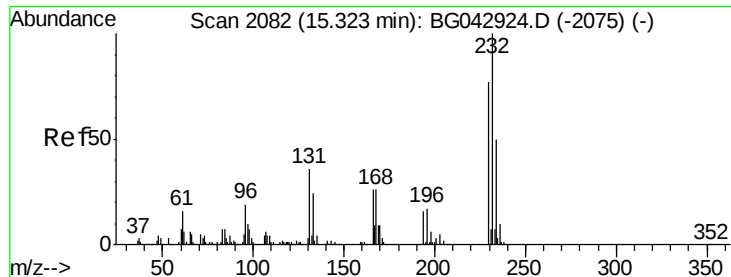
Tot Ion:165 Resp: 130871  
Ion Ratio Lower Upper  
165 100  
63 41.5 36.5 54.7  
89 64.9 55.5 83.3  
182 2.8 2.4 3.6



#58  
Fluorene  
Concen: 42.181 ng  
RT: 15.73 min Scan# 2151  
Delta R.T. 0.00 min  
Lab File: BG043247.D  
Acq: 16 Oct 2019 16:23

Tgt Ion:166 Resp: 403100  
Ion Ratio Lower Upper  
166 100  
165 98.5 77.1 115.7  
167 14.0 11.0 16.6

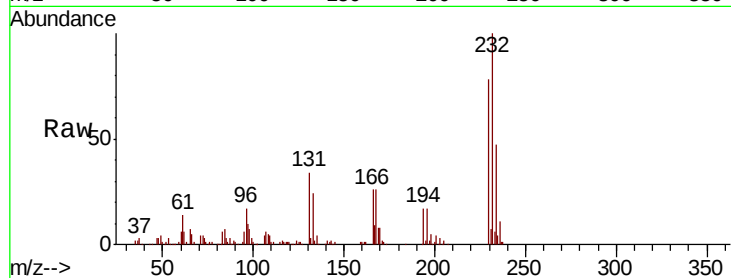




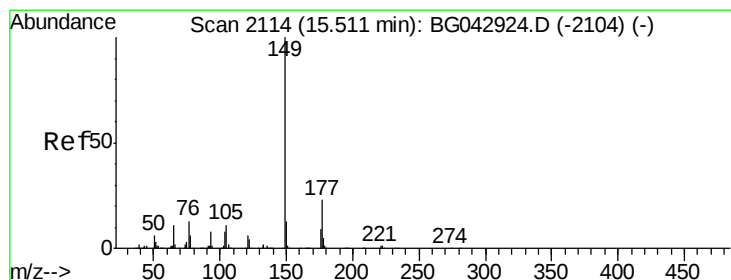
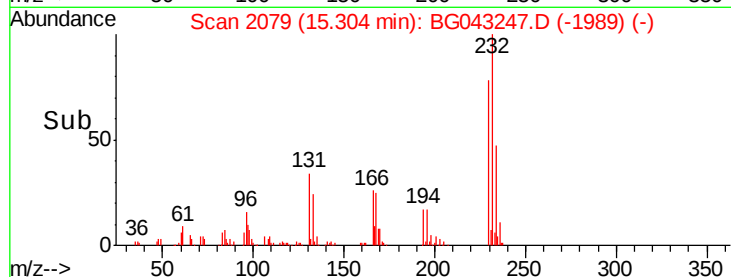
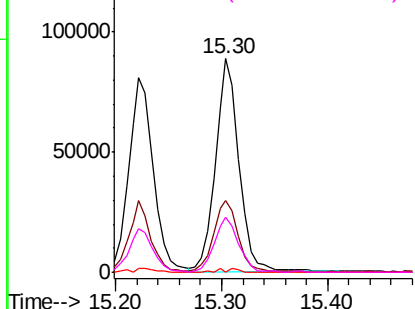
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 43.957 ng  
 RT: 15.30 min Scan# 2079  
 Delta R.T. 0.00 min  
 Lab File: BG043247.D  
 Acq: 16 Oct 2019 16:23

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB123988BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 137872 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 35.9  | 29.6  | 44.4   |
| 130      | 0.6   | 1.9   | 2.9#   |
| 166      | 26.1  | 21.8  | 32.8   |

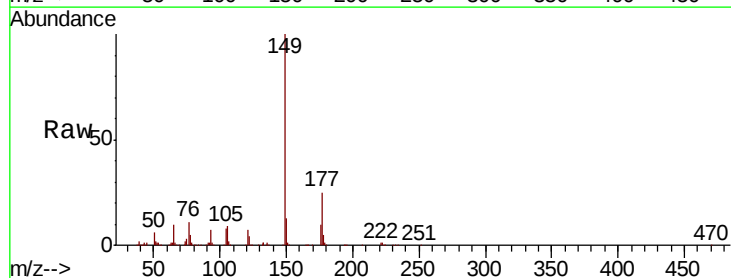


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

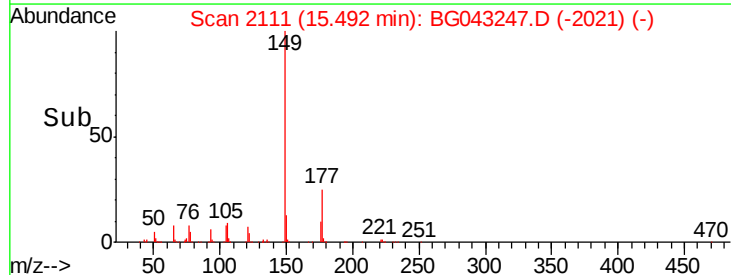
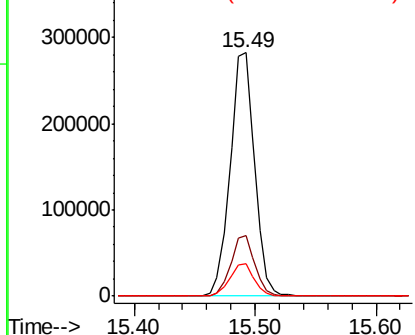


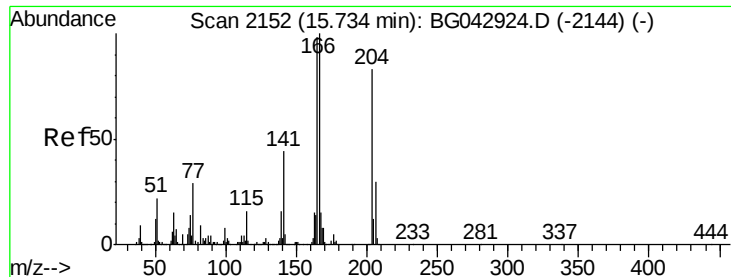
#60  
 Diethylphthalate  
 Concen: 40.174 ng  
 RT: 15.49 min Scan# 2111  
 Delta R.T. 0.00 min  
 Lab File: BG043247.D  
 Acq: 16 Oct 2019 16:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 398048 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 24.9  | 18.8  | 28.2   |
| 150      | 13.1  | 10.6  | 15.8   |



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 177.00 (176.70 to 177.70): E  
 Ion 150.00 (149.70 to 150.70): E

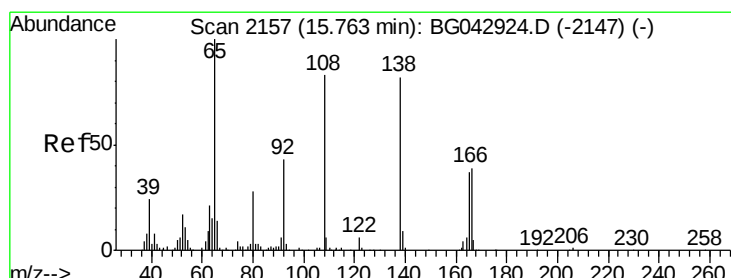
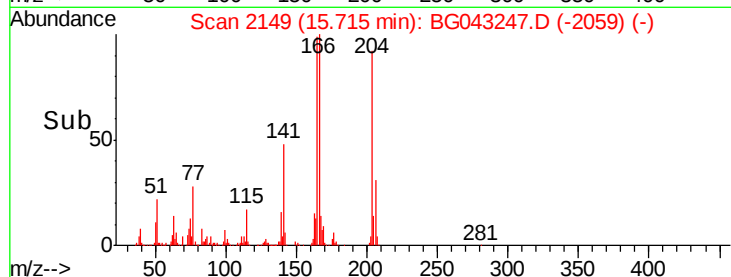
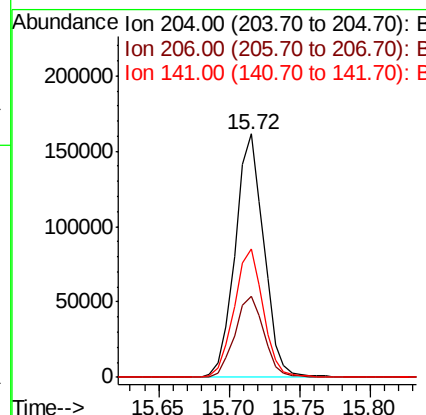
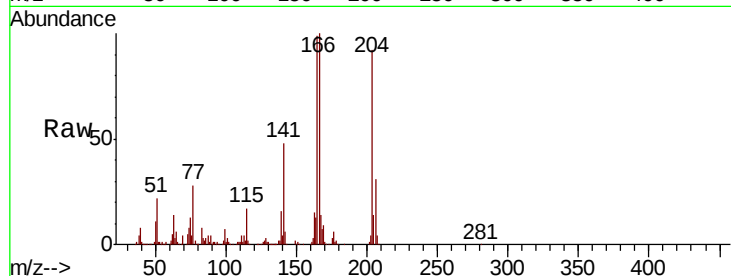




#61  
4-Chlorophenyl-phenylether  
Concen: 39.900 ng  
RT: 15.72 min Scan# 2149  
Delta R.T. 0.00 min  
Lab File: BG043247.D  
Acq: 16 Oct 2019 16:23

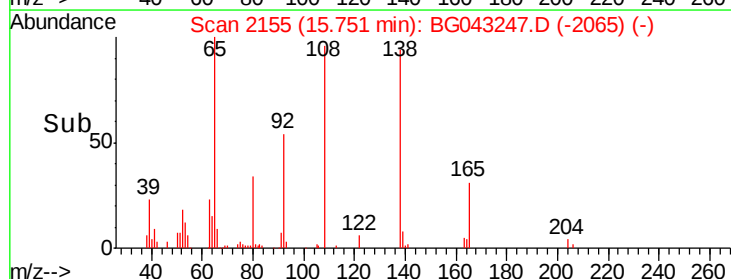
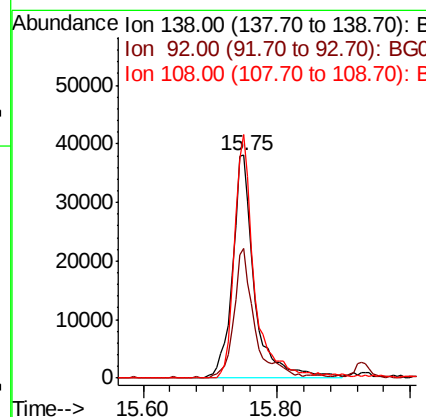
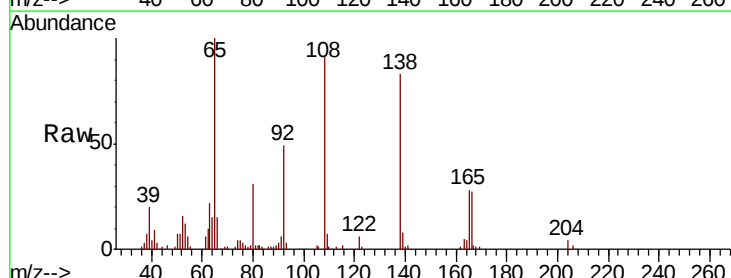
Instrument :  
BNA\_G  
ClientSampleId :  
PB123988BS

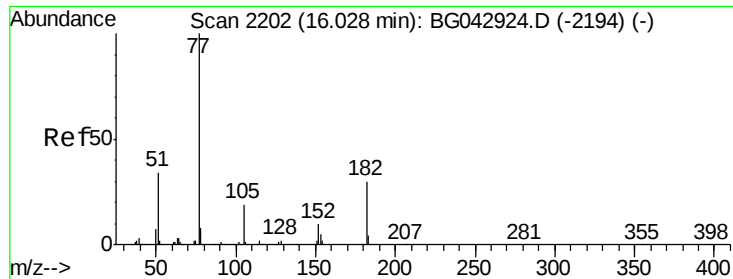
Tot Ion: 204 Resp: 228679  
Ion Ratio Lower Upper  
204 100  
206 33.5 28.5 42.7  
141 52.6 42.4 63.6



#62  
4-Nitroaniline  
Concen: 37.782 ng  
RT: 15.75 min Scan# 2155  
Delta R.T. 0.00 min  
Lab File: BG043247.D  
Acq: 16 Oct 2019 16:23

Tgt Ion: 138 Resp: 88289  
Ion Ratio Lower Upper  
138 100  
92 58.3 32.9 72.9  
108 109.2 81.3 121.3





#63

Azobenzene

Concen: 38.371 ng

RT: 16.01 min Scan# 2199

Delta R.T. 0.00 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

PB123988BS

Tot Ion: 77 Resp: 346134

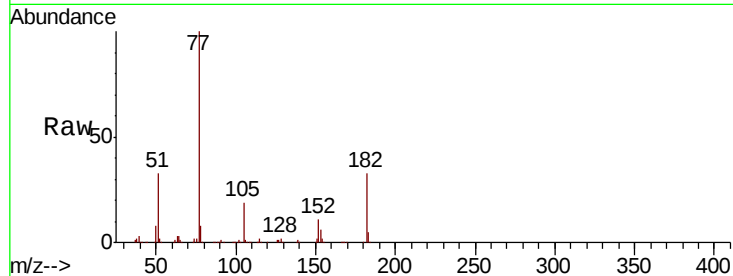
Ion Ratio Lower Upper

77 100

182 32.7 10.2 50.2

105 19.0 0.0 39.1

51 32.9 13.9 53.9

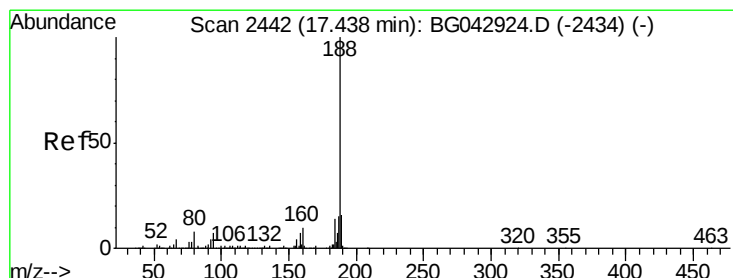
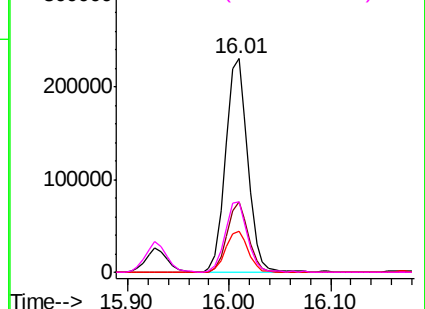
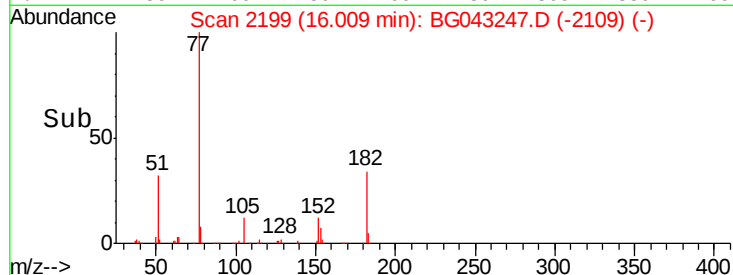


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2440

Delta R.T. 0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

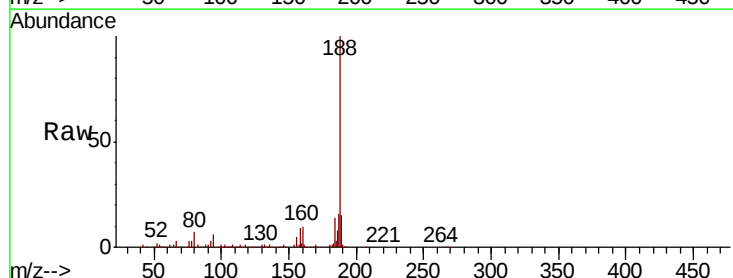
Tgt Ion: 188 Resp: 316441

Ion Ratio Lower Upper

188 100

94 5.6 5.7 8.5#

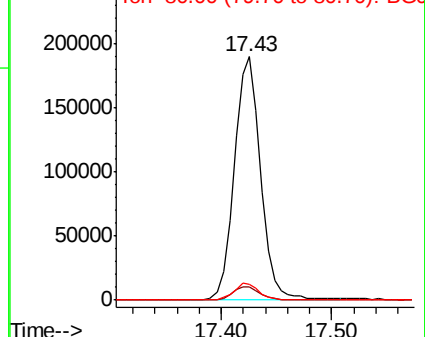
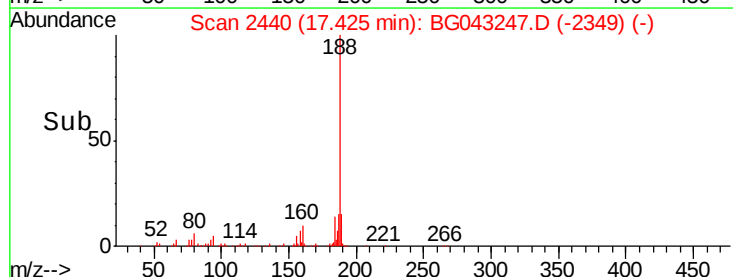
80 6.5 6.5 9.7

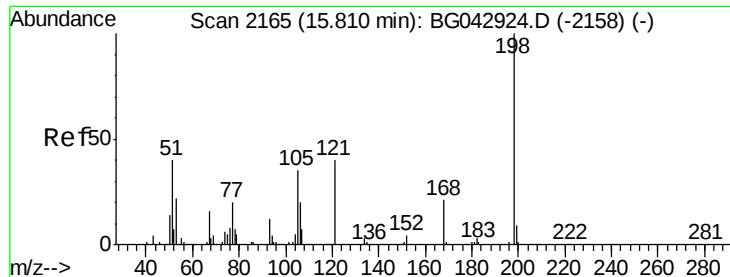


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 49.129 ng

RT: 15.80 min Scan# 2164

Delta R.T. 0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

PB123988BS

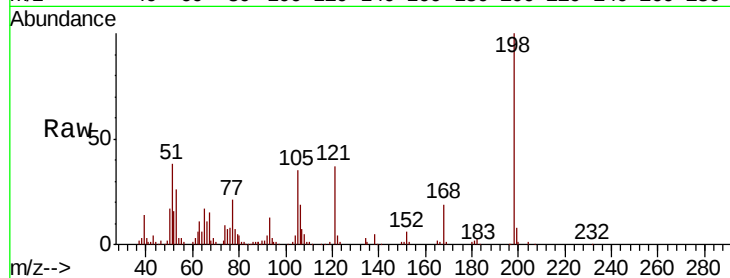
Tot Ion:198 Resp: 87971

Ion Ratio Lower Upper

198 100

51 38.0 25.3 65.3

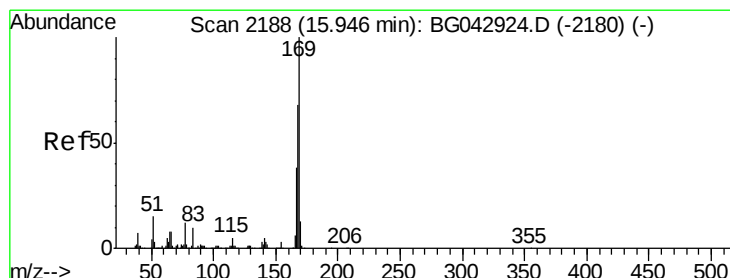
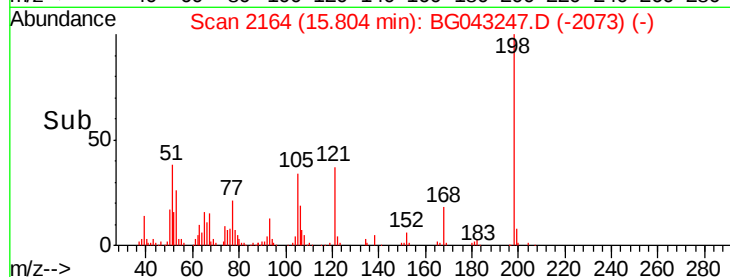
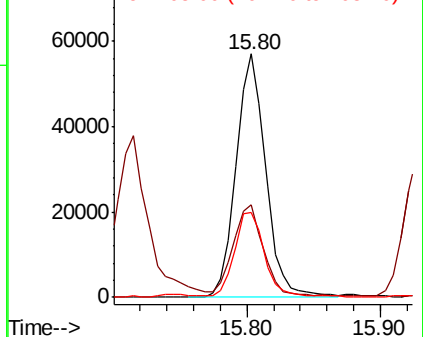
105 34.6 16.6 56.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.180 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

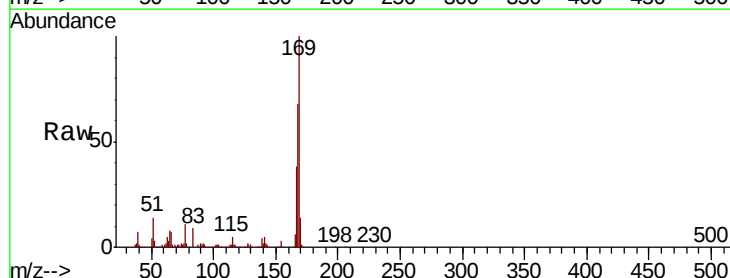
Tgt Ion:169 Resp: 360706

Ion Ratio Lower Upper

169 100

168 67.8 54.8 82.2

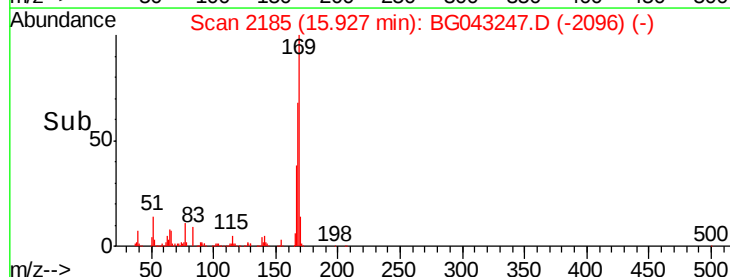
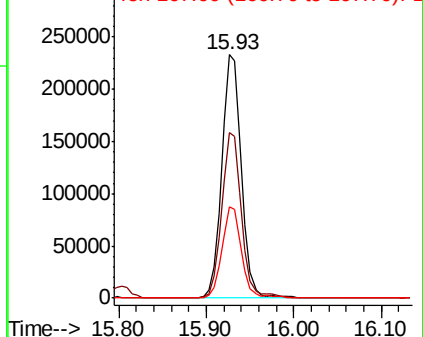
167 37.6 30.6 46.0

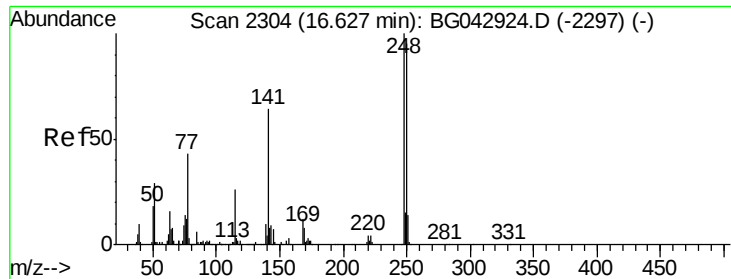


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

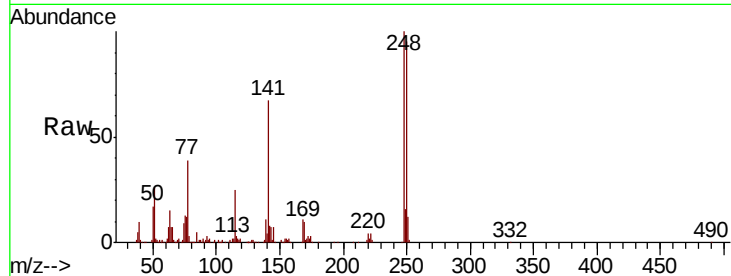




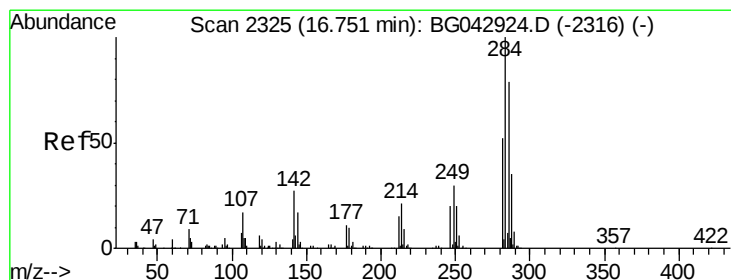
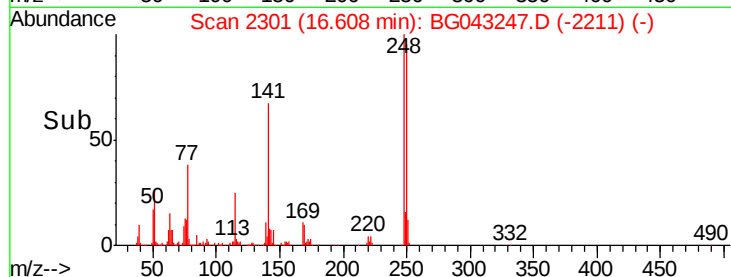
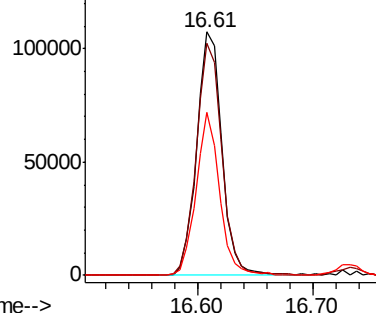
#67  
4-Bromophenyl-phenylether  
Concen: 40.871 ng  
RT: 16.61 min Scan# 2301  
Delta R.T. 0.00 min  
Lab File: BG043247.D  
Acq: 16 Oct 2019 16:23

Instrument :  
BNA\_G  
ClientSampleId :  
PB123988BS

Tot Ion:248 Resp: 162323  
Ion Ratio Lower Upper  
248 100  
250 95.3 75.8 113.8  
141 67.1 51.1 76.7

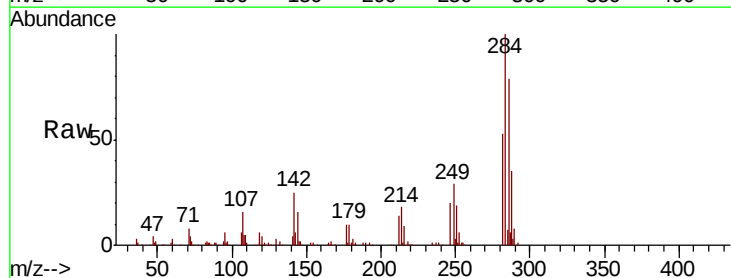


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

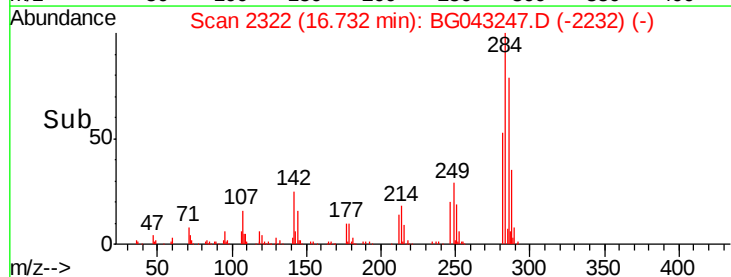
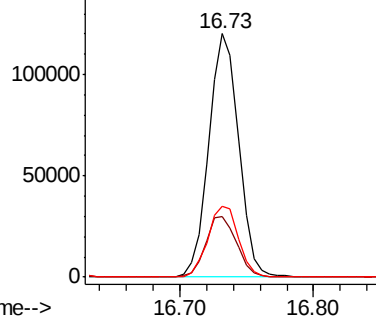


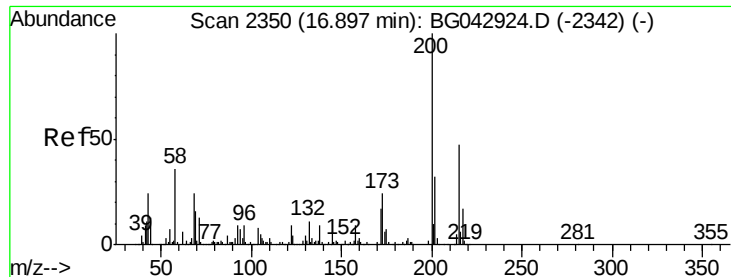
#68  
Hexachlorobenzene  
Concen: 41.974 ng  
RT: 16.73 min Scan# 2322  
Delta R.T. 0.00 min  
Lab File: BG043247.D  
Acq: 16 Oct 2019 16:23

Tgt Ion:284 Resp: 185614  
Ion Ratio Lower Upper  
284 100  
142 24.8 21.6 32.4  
249 28.9 24.1 36.1



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

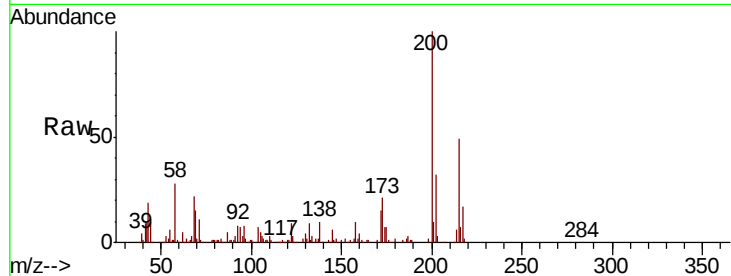




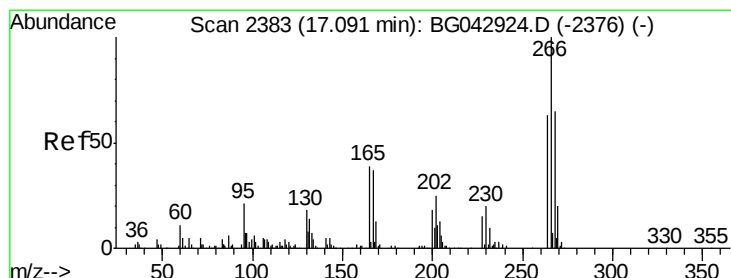
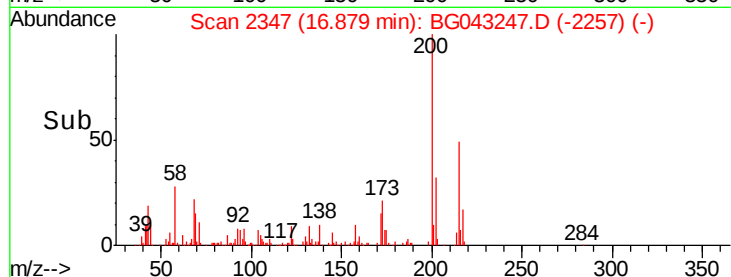
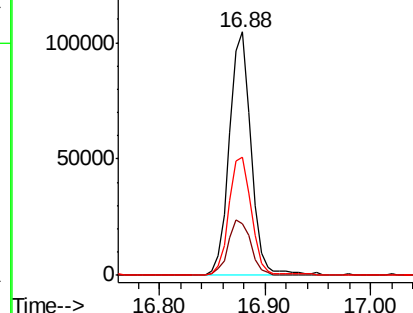
#69  
Atrazine  
Concen: 42.446 ng  
RT: 16.88 min Scan# 2347  
Delta R.T. 0.00 min  
Lab File: BG043247.D  
Acq: 16 Oct 2019 16:23

Instrument :  
BNA\_G  
ClientSampleId :  
PB123988BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 21.2  | 4.0   | 44.0  |
| 215     | 48.7  | 27.4  | 67.4  |

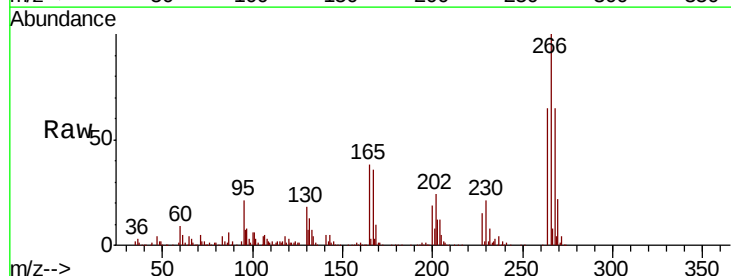


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

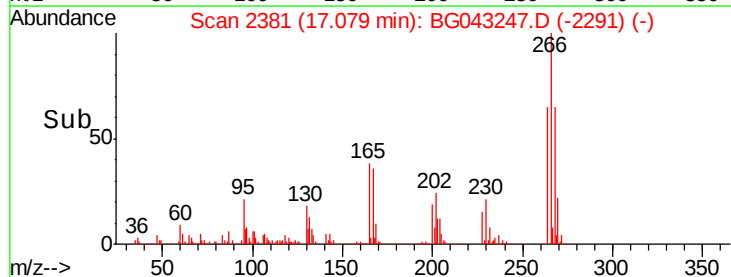
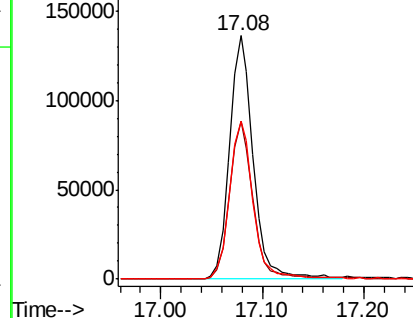


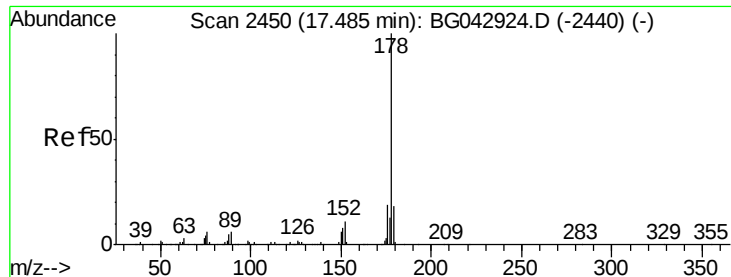
#70  
Pentachlorophenol  
Concen: 86.455 ng  
RT: 17.08 min Scan# 2381  
Delta R.T. 0.00 min  
Lab File: BG043247.D  
Acq: 16 Oct 2019 16:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.9  | 52.2  | 78.2  |
| 264     | 64.8  | 50.7  | 76.1  |



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

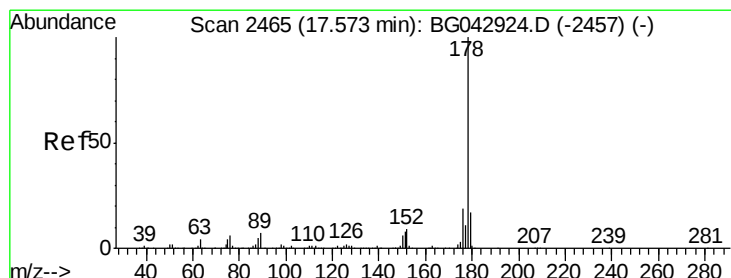
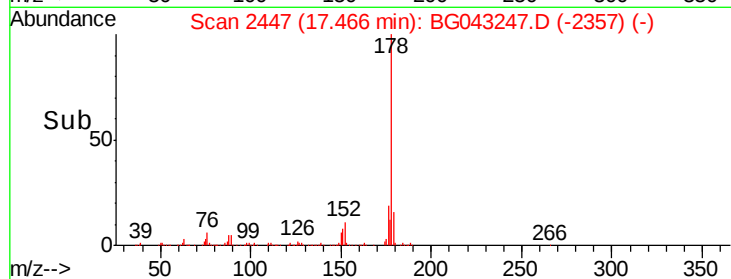
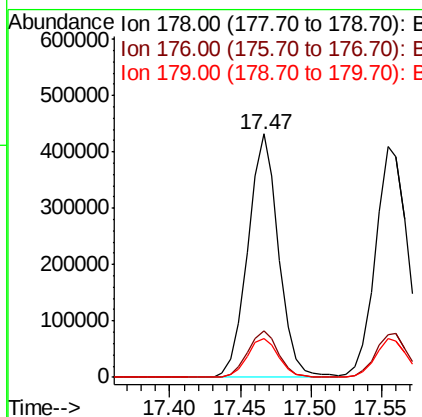
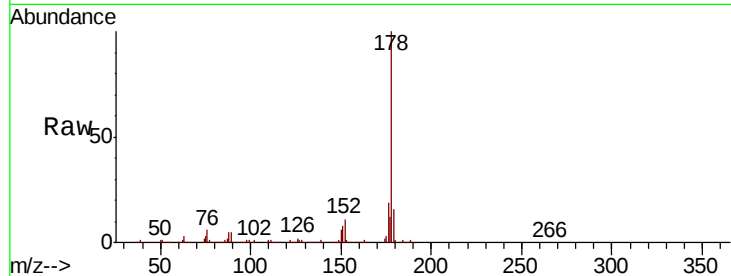




#71  
Phenanthrene  
Concen: 42.552 ng  
RT: 17.47 min Scan# 2447  
Delta R.T. 0.00 min  
Lab File: BG043247.D  
Acq: 16 Oct 2019 16:23

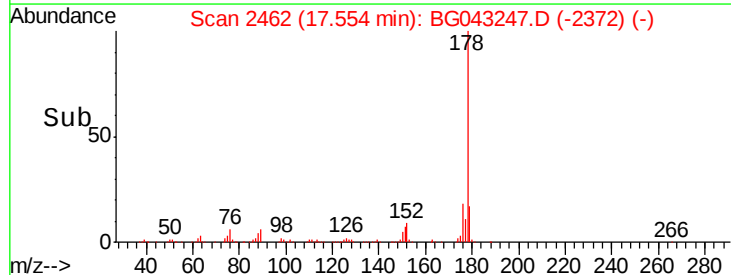
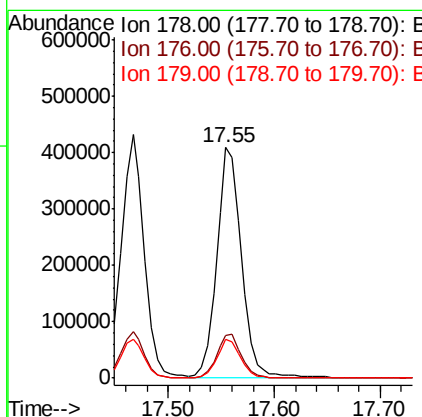
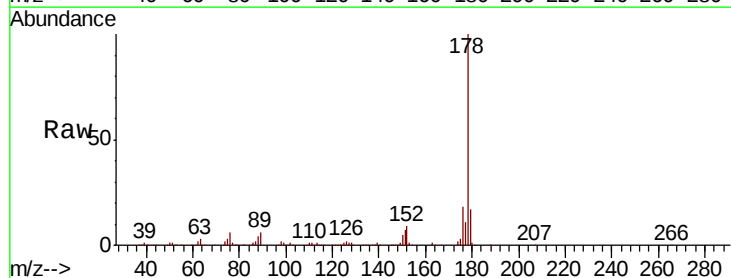
Instrument :  
BNA\_G  
ClientSampleId :  
PB123988BS

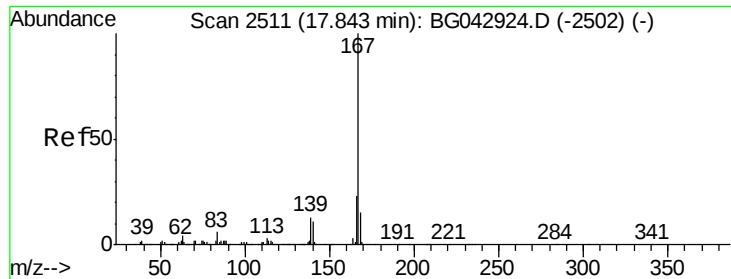
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.2  | 15.1  | 22.7  |
| 179     | 16.2  | 14.1  | 21.1  |



#72  
Anthracene  
Concen: 43.064 ng  
RT: 17.55 min Scan# 2462  
Delta R.T. 0.00 min  
Lab File: BG043247.D  
Acq: 16 Oct 2019 16:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.4  | 15.5  | 23.3  |
| 179     | 16.6  | 13.5  | 20.3  |





#73

Carbazole

Concen: 42.751 ng

RT: 17.82 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

PB123988BS

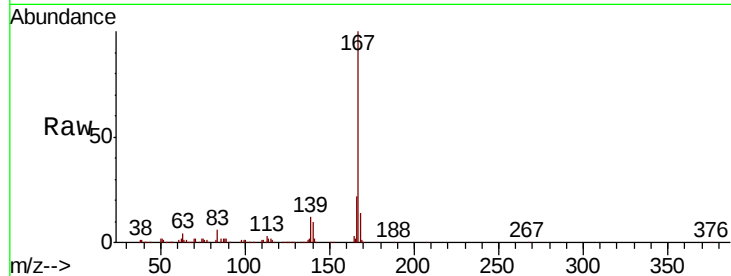
Tot Ion:167 Resp: 611416

Ion Ratio Lower Upper

167 100

166 22.3 18.6 28.0

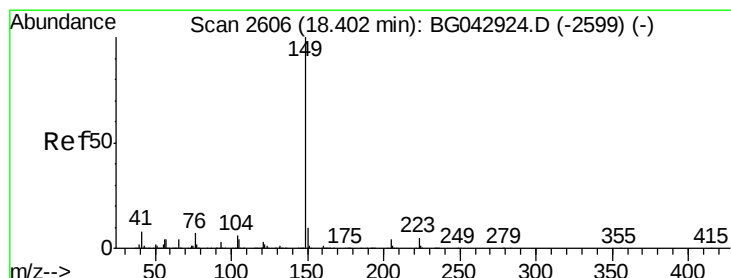
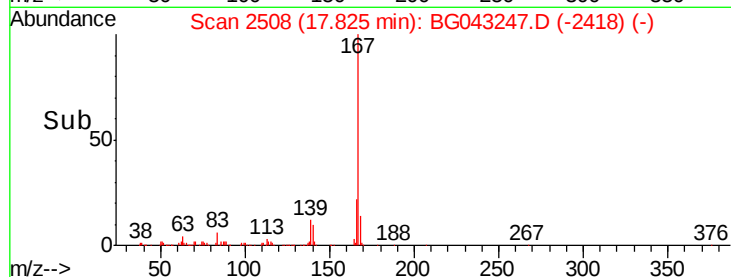
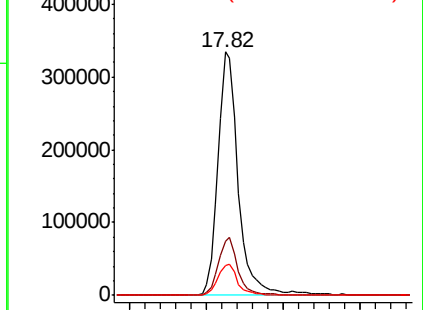
139 12.3 10.8 16.2



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



#74

Di-n-butylphthalate

Concen: 41.118 ng

RT: 18.38 min Scan# 2602

Delta R.T. 0.00 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

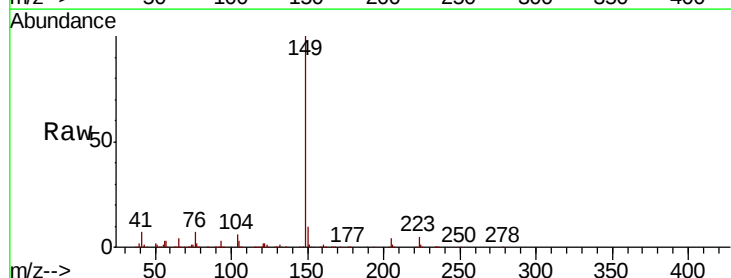
Tgt Ion:149 Resp: 701635

Ion Ratio Lower Upper

149 100

150 9.8 7.7 11.5

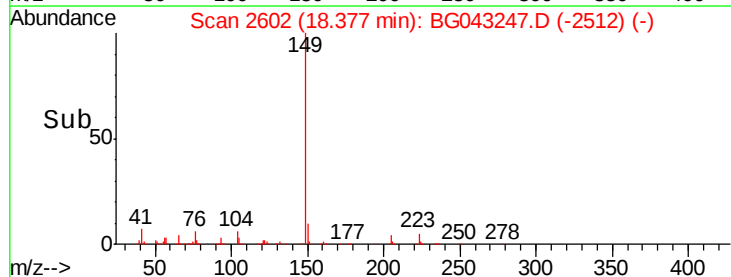
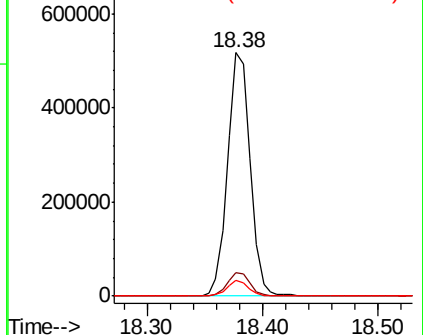
104 6.3 5.0 7.6

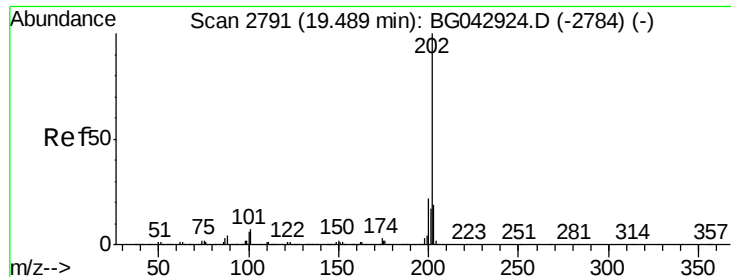


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.103 ng

RT: 19.48 min Scan# 2789

Delta R.T. 0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

PB123988BS

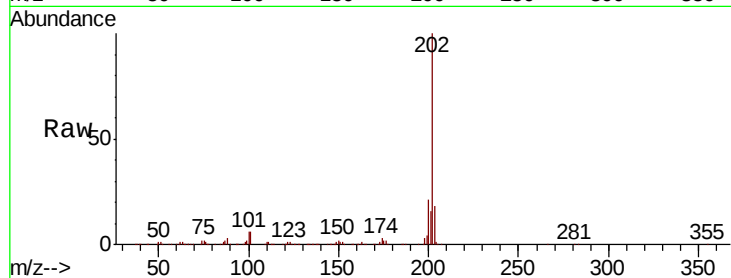
Tot Ion:202 Resp: 880760

Ion Ratio Lower Upper

202 100

101 6.5 0.0 27.3

203 18.2 0.0 39.5

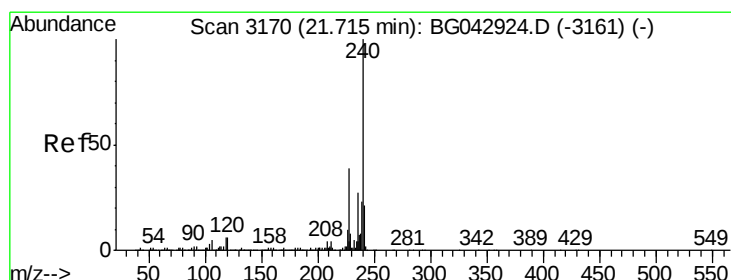
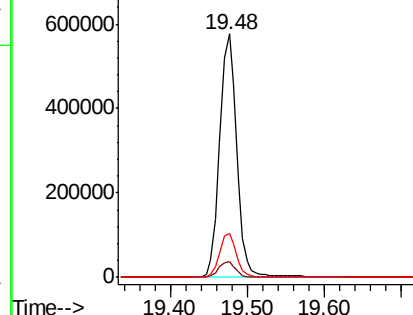
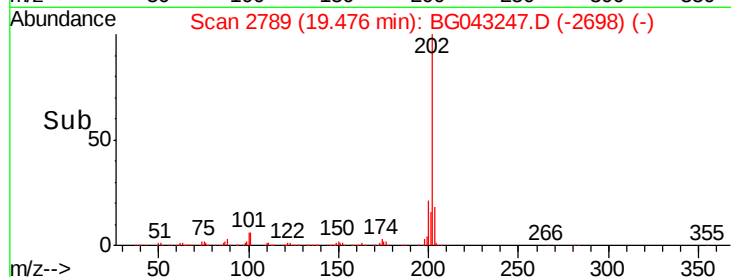


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. 0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

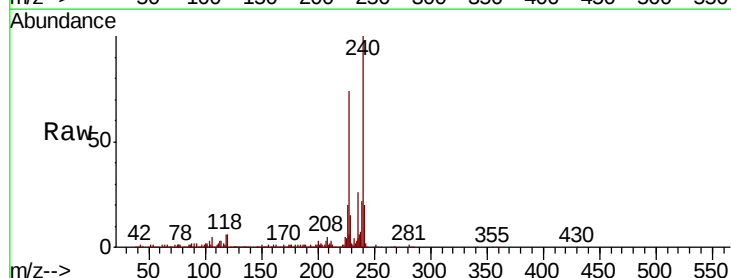
Tgt Ion:240 Resp: 346919

Ion Ratio Lower Upper

240 100

120 5.8 4.8 7.2

236 26.3 21.4 32.0

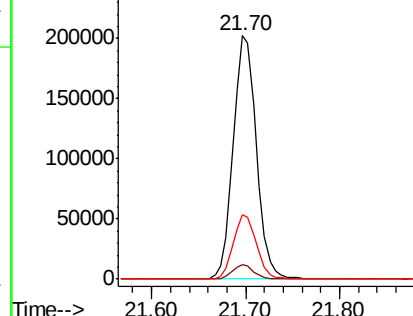
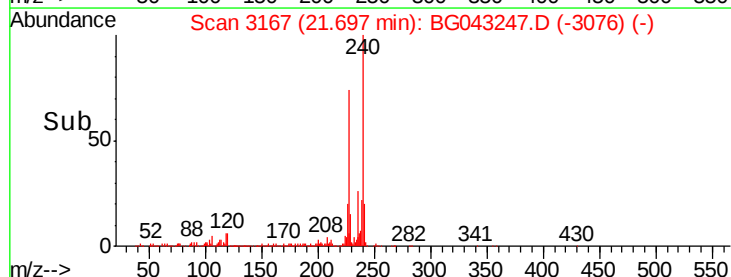


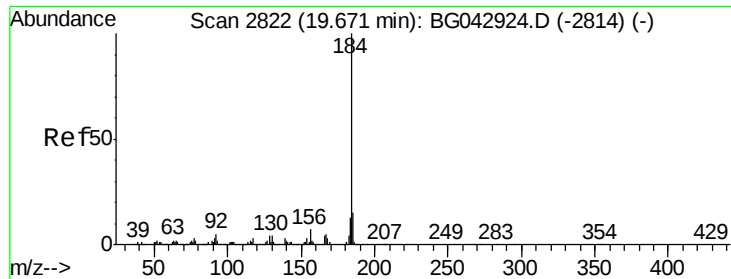
Abundance

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





#77

Benzidine

Concen: 21.557 ng

RT: 19.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Instrument :

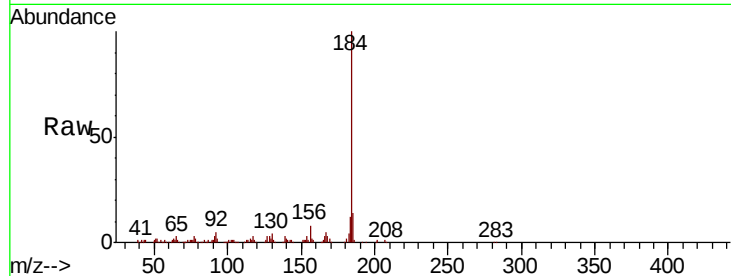
BNA\_G

ClientSampleId :

PB123988BS

Tot Ion:184 Resp: 187253

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 13.7  | 11.8  | 17.8  |
| 183 | 11.8  | 10.1  | 15.1  |

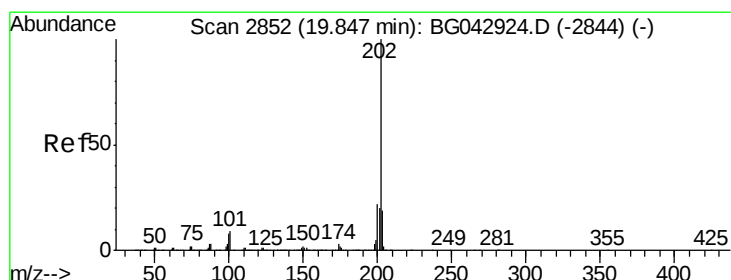
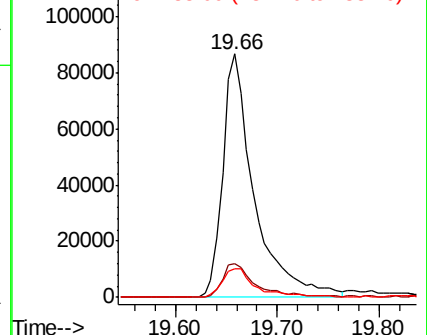
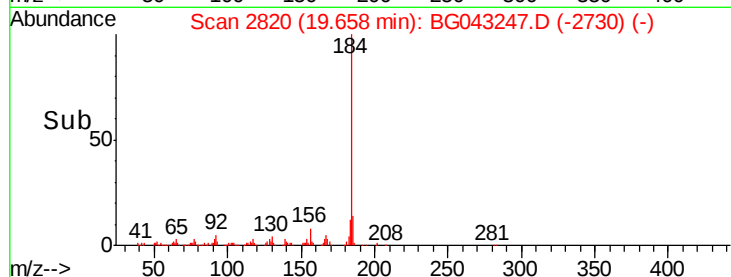


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.067 ng

RT: 19.83 min Scan# 2850

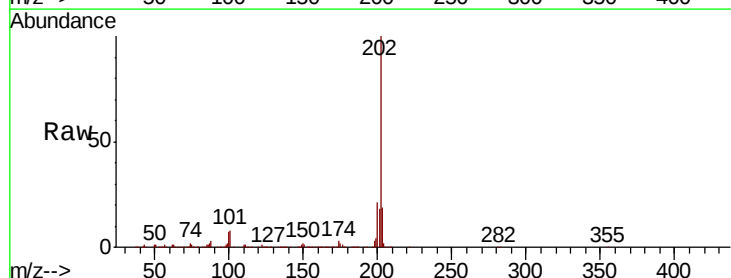
Delta R.T. 0.00 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Tgt Ion:202 Resp: 891761

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 21.5  | 17.6  | 26.4  |
| 203 | 18.9  | 15.2  | 22.8  |

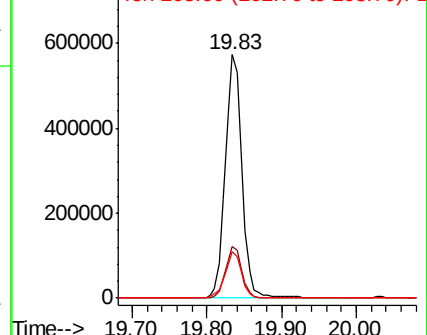
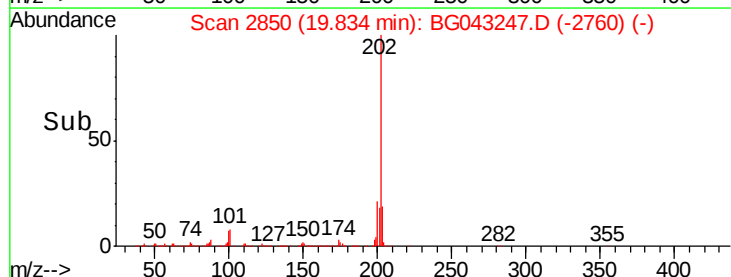


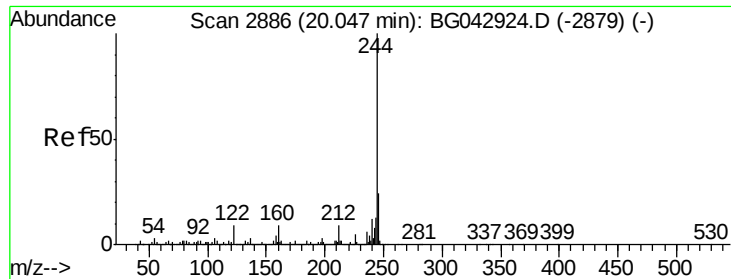
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 70.437 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

PB123988BS

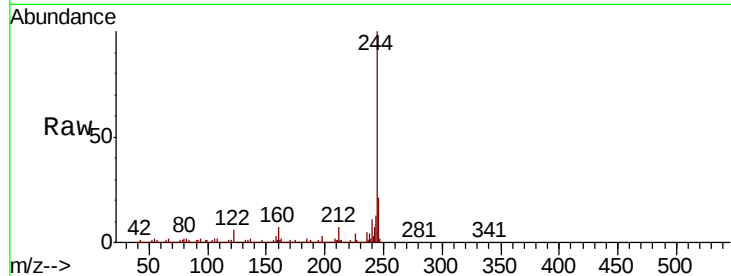
Tot Ion:244 Resp: 1146756

Ion Ratio Lower Upper

244 100

212 7.1 7.4 11.0#

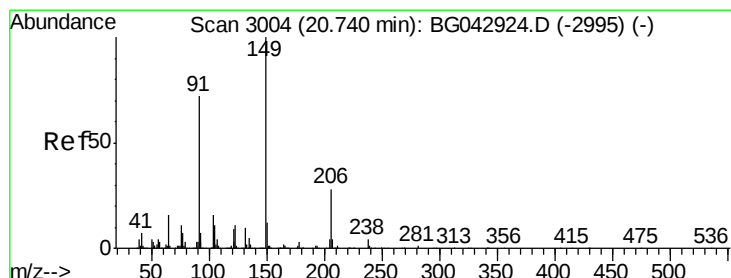
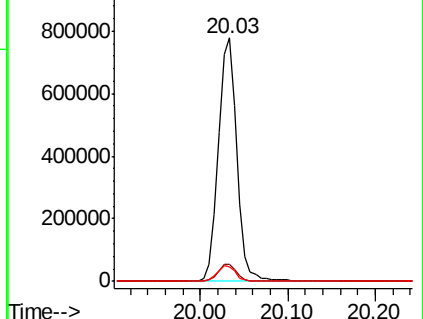
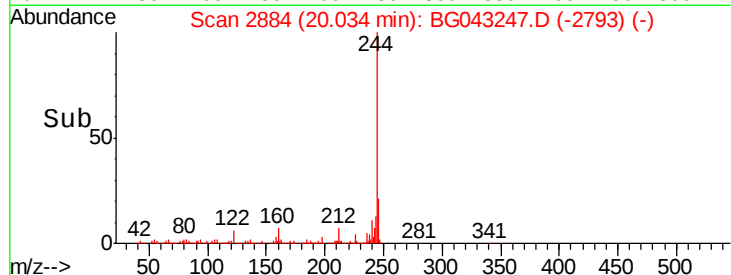
122 6.2 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.911 ng

RT: 20.72 min Scan# 3000

Delta R.T. 0.00 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

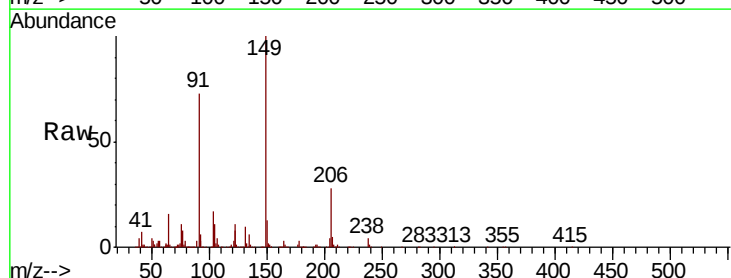
Tgt Ion:149 Resp: 321542

Ion Ratio Lower Upper

149 100

91 72.5 57.7 86.5

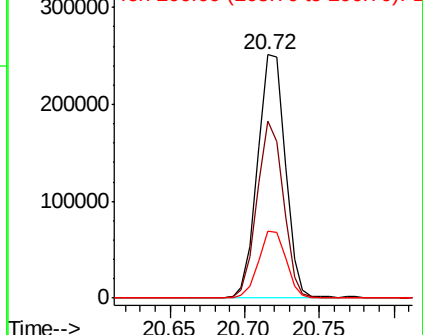
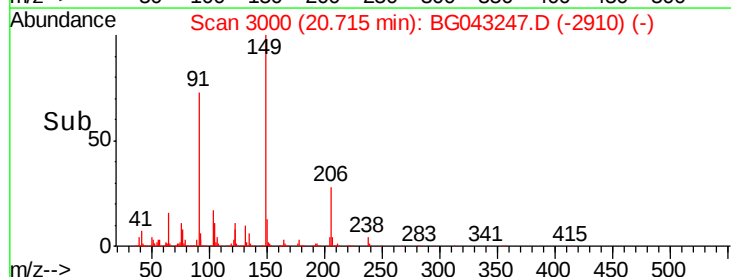
206 27.6 22.6 33.8

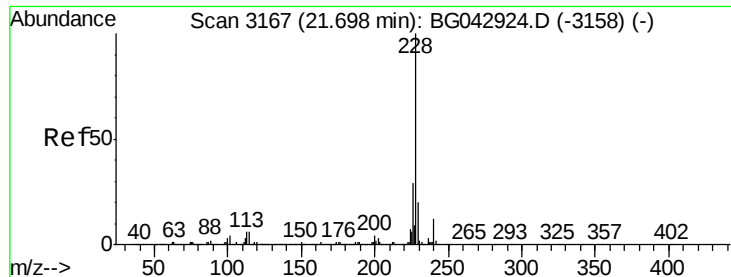


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.875 ng

RT: 21.68 min Scan# 3164

Delta R.T. 0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Instrument :

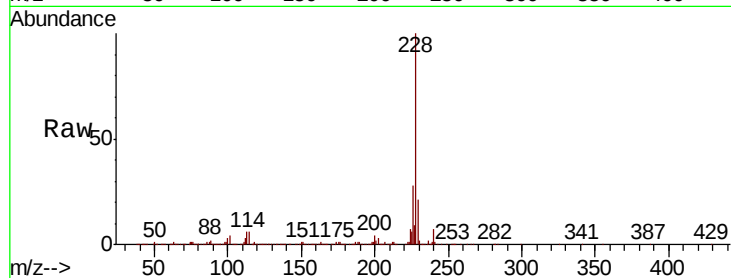
BNA\_G

ClientSampleId :

PB123988BS

Tot Ion:228 Resp: 905177

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 28.4  | 23.0  | 34.4  |
| 229 | 21.2  | 16.3  | 24.5  |

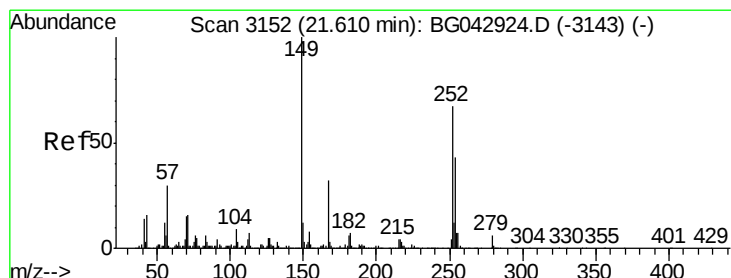
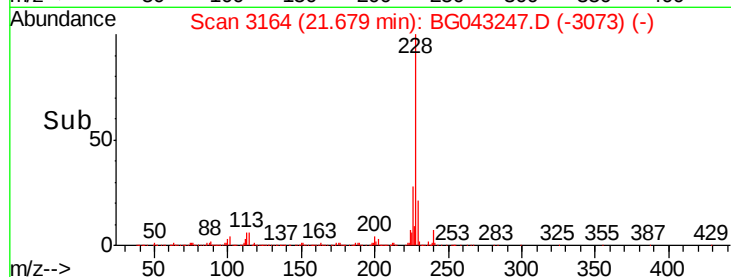
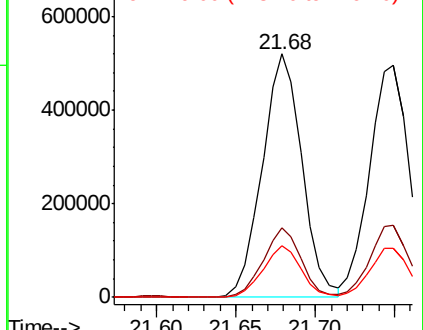


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 37.035 ng

RT: 21.59 min Scan# 3149

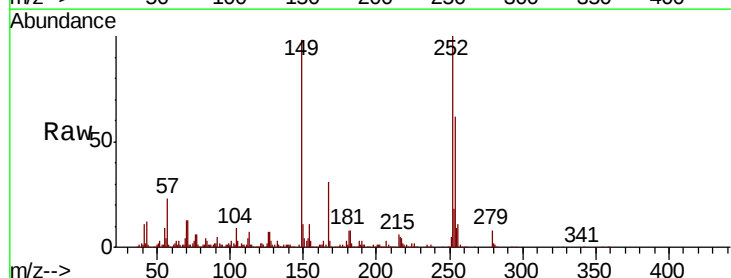
Delta R.T. 0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Tgt Ion:252 Resp: 313990

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 61.9  | 51.9  | 77.9  |
| 126 | 6.8   | 6.1   | 9.1   |

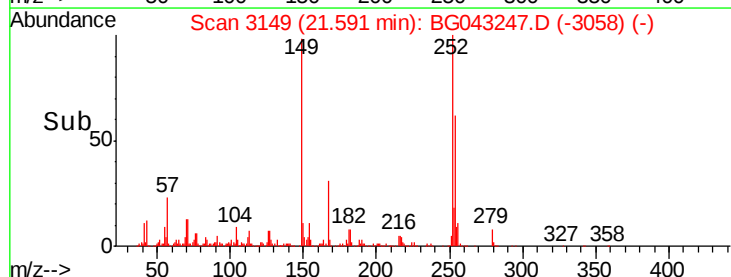
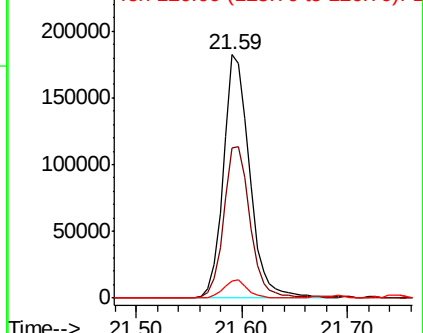


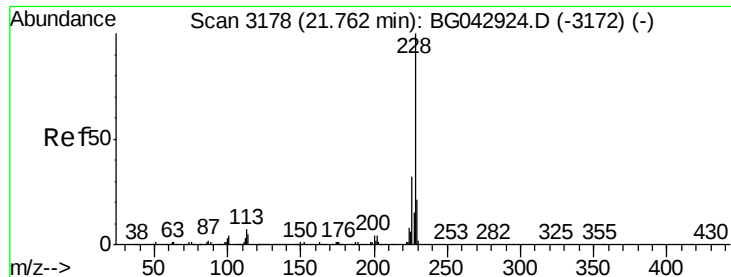
Abundance

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





#83

Chrysene

Concen: 41.572 ng

RT: 21.75 min Scan# 3176

Delta R.T. 0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

PB123988BS

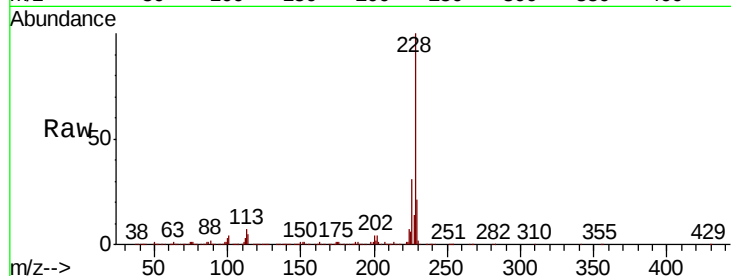
Tot Ion:228 Resp: 872058

Ion Ratio Lower Upper

228 100

226 31.1 25.6 38.4

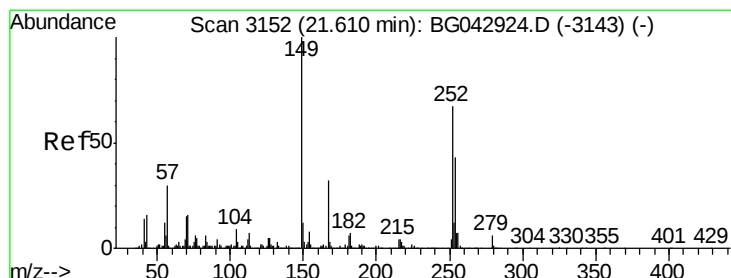
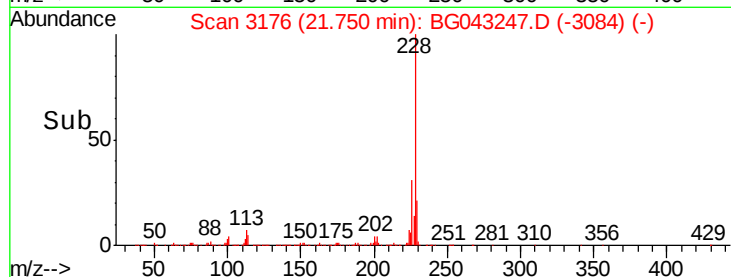
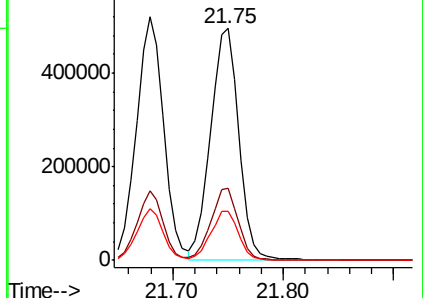
229 21.1 16.9 25.3



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.076 ng

RT: 21.58 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

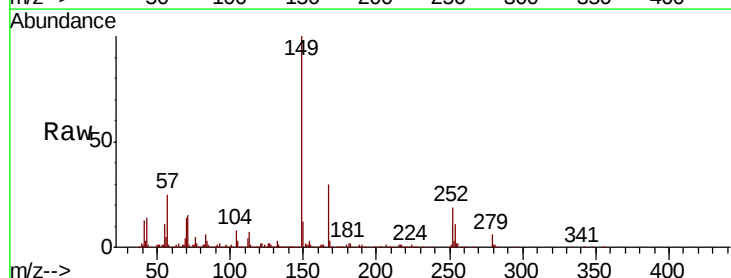
Tgt Ion:149 Resp: 459380

Ion Ratio Lower Upper

149 100

167 30.1 25.4 38.2

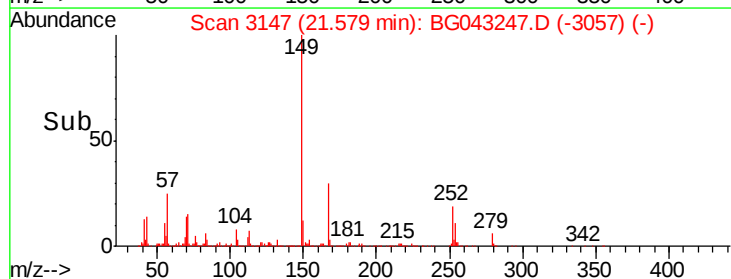
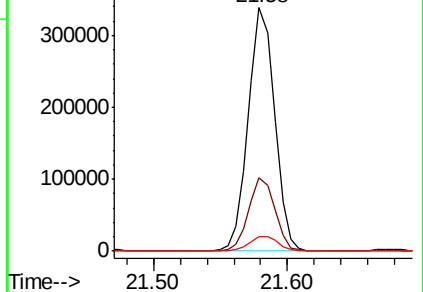
279 6.1 5.1 7.7

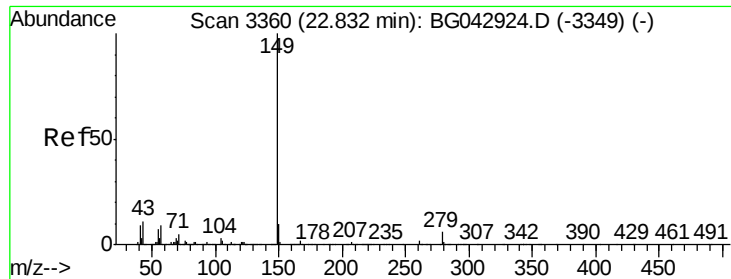


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.369 ng

RT: 22.80 min Scan# 3354

Delta R.T. 0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

PB123988BS

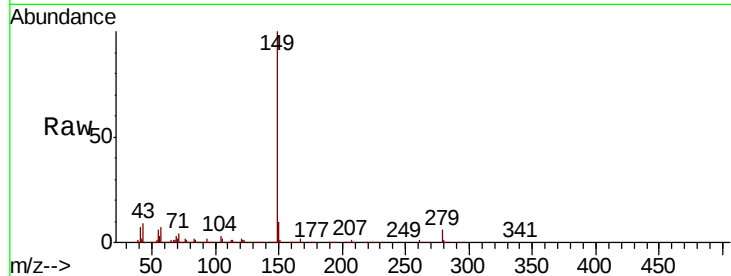
Tot Ion:149 Resp: 793114

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

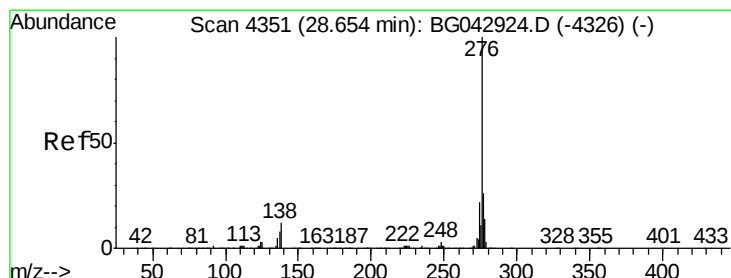
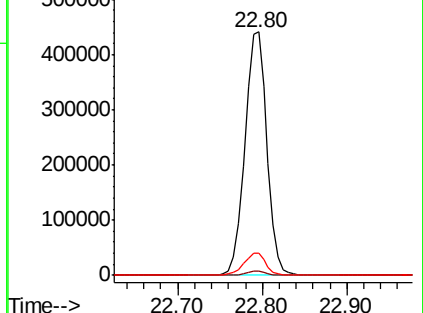
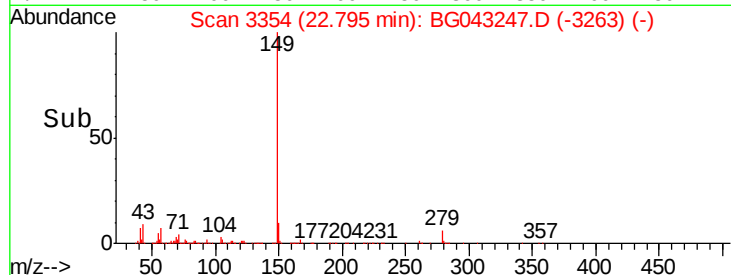
43 8.9 8.7 13.1



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.600 ng

RT: 28.61 min Scan# 4344

Delta R.T. 0.03 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

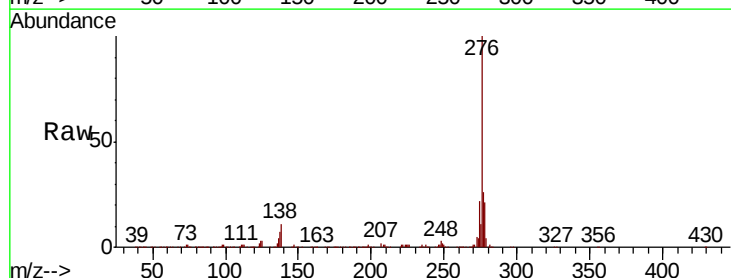
Tgt Ion:276 Resp: 1138586

Ion Ratio Lower Upper

276 100

138 9.4 7.0 10.6

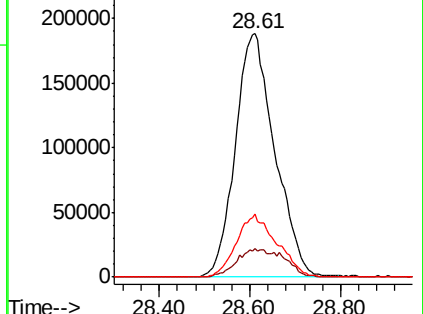
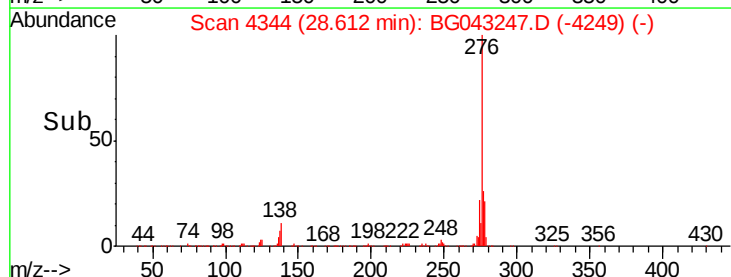
277 26.3 20.9 31.3

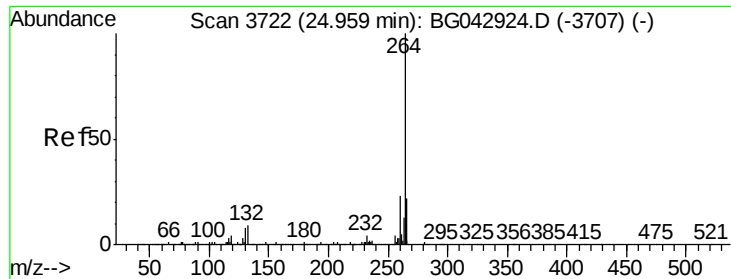


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

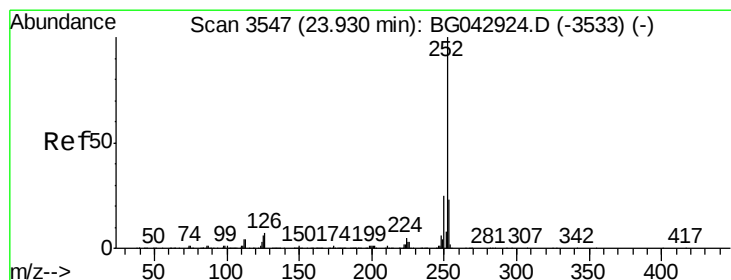
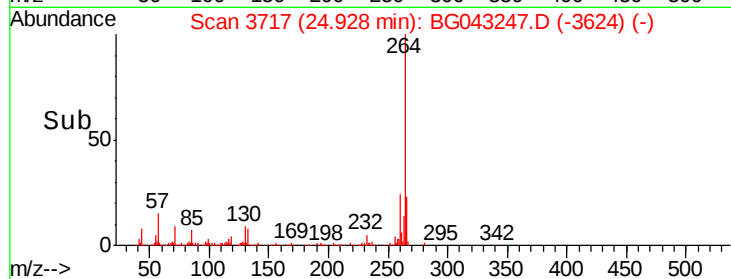
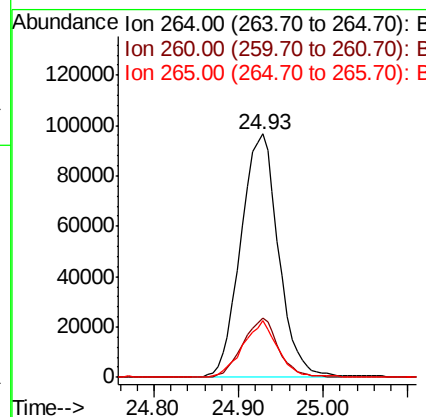
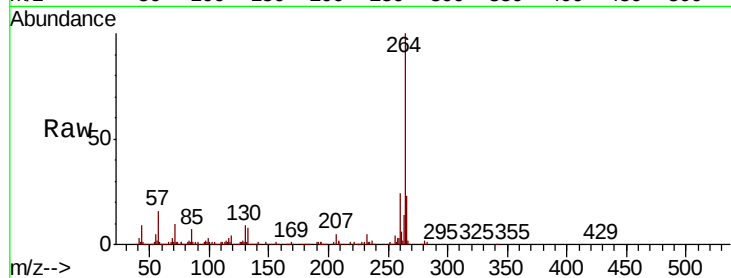




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.93 min Scan# 3717  
Delta R.T. 0.02 min  
Lab File: BG043247.D  
Acq: 16 Oct 2019 16:23

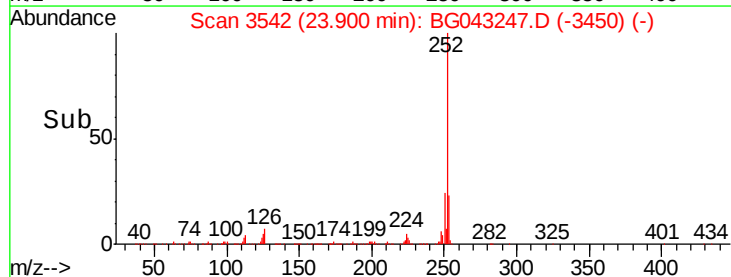
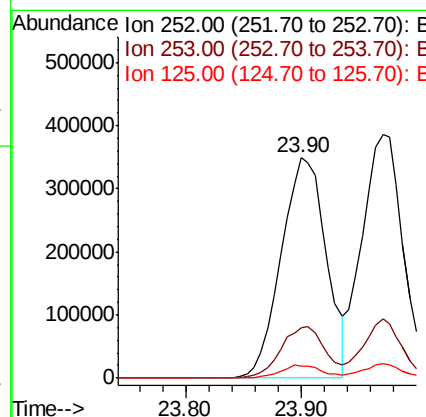
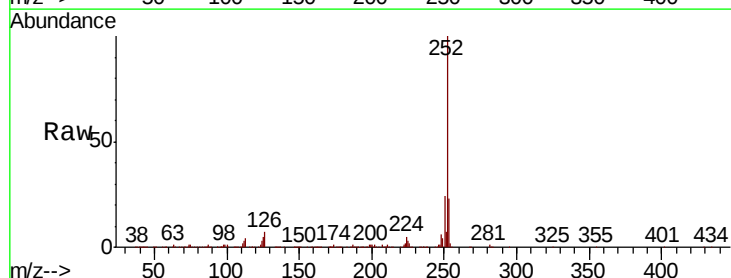
Instrument :  
BNA\_G  
ClientSampleId :  
PB123988BS

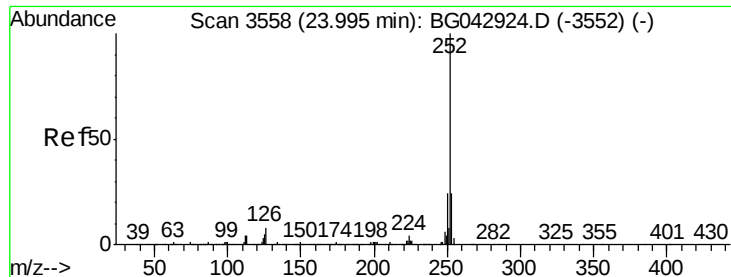
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.4  | 18.7  | 28.1  |
| 265     | 23.2  | 17.7  | 26.5  |



#88  
Benzo(b)fluoranthene  
Concen: 55.804 ng  
RT: 23.90 min Scan# 3542  
Delta R.T. 0.01 min  
Lab File: BG043247.D  
Acq: 16 Oct 2019 16:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.6  | 18.2  | 27.2  |
| 125     | 5.4   | 4.6   | 7.0   |





#89

Benzo(k)fluoranthene

Concen: 57.164 ng

RT: 23.97 min Scan# 3554

Delta R.T. 0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

PB123988BS

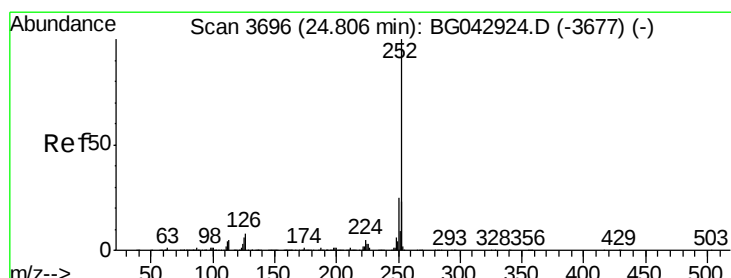
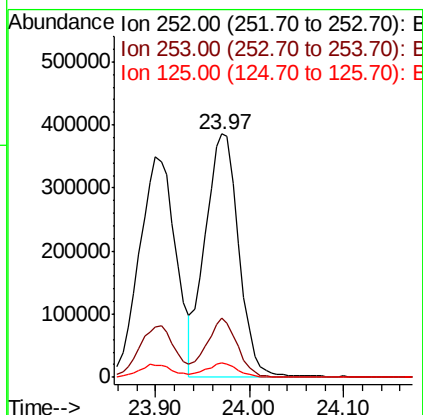
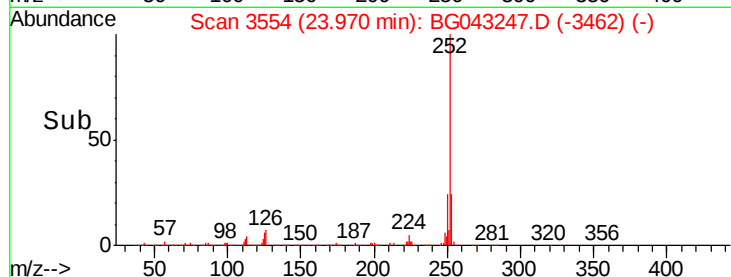
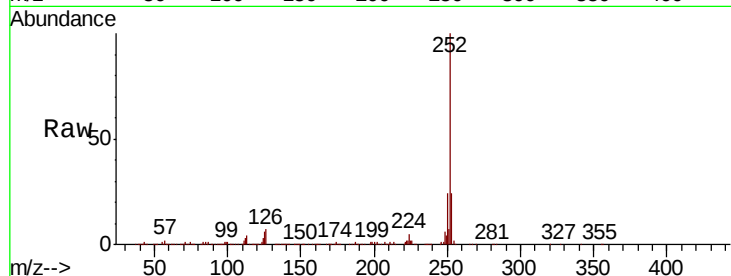
Tot Ion:252 Resp: 958992

Ion Ratio Lower Upper

252 100

253 24.2 18.9 28.3

125 5.9 4.5 6.7



#90

Benzo(a)pyrene

Concen: 54.759 ng

RT: 24.78 min Scan# 3691

Delta R.T. 0.02 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

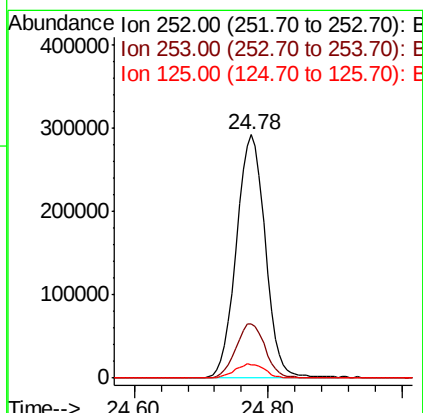
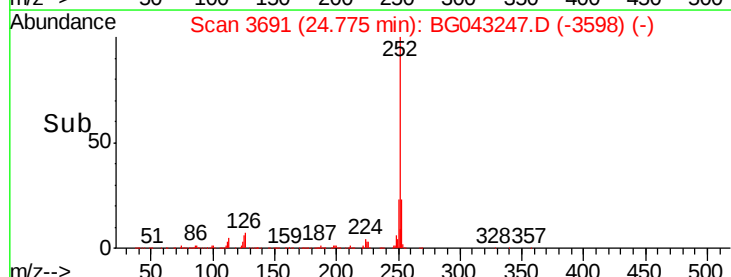
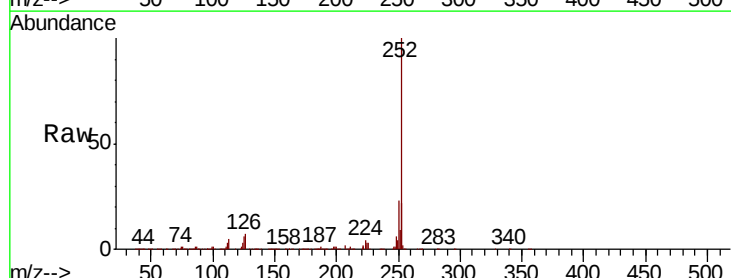
Tgt Ion:252 Resp: 876104

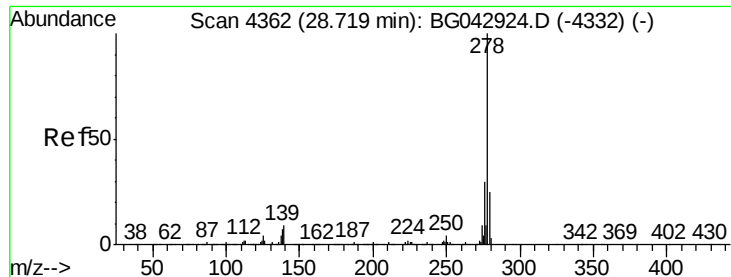
Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

125 5.6 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 59.334 ng

RT: 28.66 min Scan# 4353

Delta R.T. 0.03 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

PB123988BS

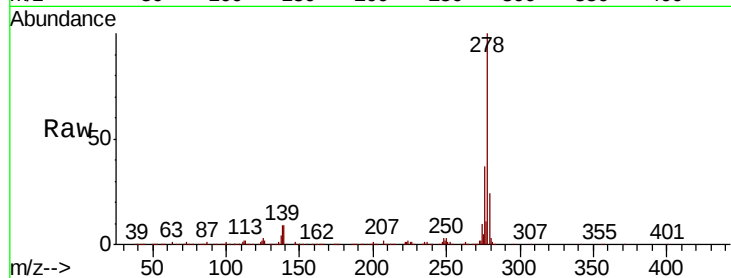
Tot Ion:278 Resp: 973436

Ion Ratio Lower Upper

278 100

139 9.0 6.8 10.2

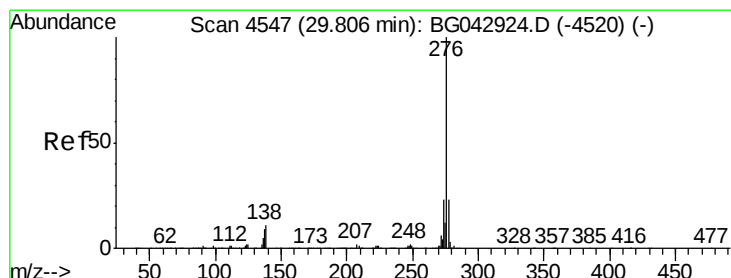
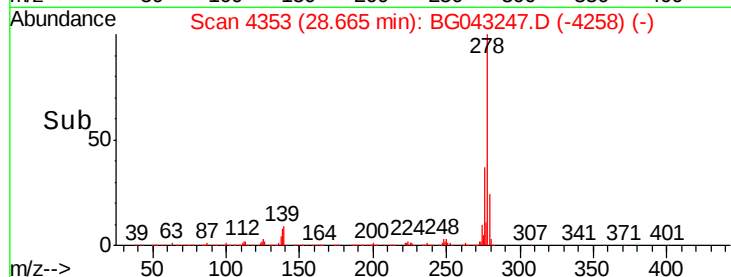
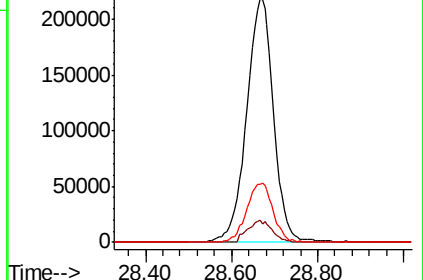
279 23.7 20.1 30.1



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



#92

Benzo(g,h,i)perylene

Concen: 60.773 ng

RT: 29.76 min Scan# 4540

Delta R.T. 0.04 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

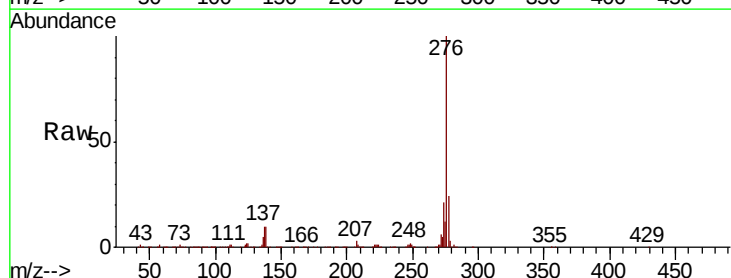
Tgt Ion:276 Resp: 966061

Ion Ratio Lower Upper

276 100

277 24.2 18.4 27.6

138 10.2 8.6 12.8



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

