

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112319\  
 Data File : BG043764.D  
 Acq On : 23 Nov 2019 20:16  
 Operator : JU  
 Sample : K5676-25MS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Nov 25 02:04:47 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Nov 23 00:54:00 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.03  | 152  | 37568    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.83 | 136  | 210681   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.65 | 164  | 198530   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.40 | 188  | 579629   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.66 | 240  | 690413   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.84 | 264  | 614863   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.61  | 112 | 388460  | 185.89 | ng | 0.00 |
| 7) Phenol-d6                | 7.18  | 99  | 636164  | 209.42 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.18  | 82  | 333671  | 87.08  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.14 | 330 | 375919  | 156.99 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.28 | 172 | 989417  | 81.92  | ng | 0.00 |
| 79) Terphenyl-d14           | 20.01 | 244 | 2481882 | 81.23  | ng | 0.00 |

|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.52  | 88  | 29757  | 32.116 | ng | # 51 |
| 3) Pyridine                    | 3.93  | 79  | 142536 | 54.634 | ng | 97   |
| 4) n-Nitrosodimethylamine      | 3.82  | 42  | 60384  | 46.593 | ng | 94   |
| 6) Aniline                     | 7.34  | 93  | 129512 | 32.716 | ng | 98   |
| 8) 2-Chlorophenol              | 7.59  | 128 | 146771 | 61.581 | ng | 96   |
| 9) Benzaldehyde                | 7.16  | 77  | 23609  | 13.011 | ng | 93   |
| 10) Phenol                     | 7.21  | 94  | 217406 | 69.716 | ng | 96   |
| 11) bis(2-Chloroethyl)ether    | 7.44  | 93  | 131841 | 50.657 | ng | 94   |
| 12) 1,3-Dichlorobenzene        | 7.92  | 146 | 112568 | 40.121 | ng | 97   |
| 13) 1,4-Dichlorobenzene        | 8.07  | 146 | 118238 | 41.606 | ng | 96   |
| 14) 1,2-Dichlorobenzene        | 8.38  | 146 | 117943 | 43.863 | ng | 100  |
| 15) Benzyl Alcohol             | 8.26  | 79  | 166835 | 65.754 | ng | 95   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.56  | 45  | 207302 | 46.315 | ng | 99   |
| 17) 2-Methylphenol             | 8.46  | 107 | 152412 | 68.359 | ng | 94   |
| 18) Hexachloroethane           | 9.12  | 117 | 41255  | 38.456 | ng | 93   |
| 19) n-Nitroso-di-n-propylamine | 8.83  | 70  | 136288 | 57.052 | ng | # 93 |
| 20) 3+4-Methylphenols          | 8.78  | 107 | 223269 | 71.779 | ng | 98   |
| 22) Acetophenone               | 8.84  | 105 | 233986 | 41.903 | ng | # 95 |
| 24) Nitrobenzene               | 9.22  | 77  | 174127 | 44.210 | ng | 97   |
| 25) Isophorone                 | 9.75  | 82  | 412327 | 50.184 | ng | 97   |
| 26) 2-Nitrophenol              | 9.94  | 139 | 71101  | 50.035 | ng | 97   |
| 27) 2,4-Dimethylphenol         | 9.99  | 122 | 182576 | 65.433 | ng | 93   |
| 28) bis(2-Chloroethoxy)methane | 10.24 | 93  | 228174 | 45.058 | ng | 99   |
| 29) 2,4-Dichlorophenol         | 10.47 | 162 | 197974 | 58.363 | ng | 97   |
| 30) 1,2,4-Trichlorobenzene     | 10.69 | 180 | 156189 | 39.293 | ng | 96   |
| 31) Naphthalene                | 10.88 | 128 | 472542 | 45.215 | ng | 99   |
| 32) Benzoic acid               | 10.11 | 122 | 119076 | 59.177 | ng | 98   |
| 33) 4-Chloroaniline            | 10.98 | 127 | 47978  | 9.528  | ng | 99   |
| 34) Hexachlorobutadiene        | 11.18 | 225 | 90051  | 34.451 | ng | 96   |
| 35) Caprolactam                | 11.74 | 113 | 40200  | 29.145 | ng | 96   |
| 36) 4-Chloro-3-methylphenol    | 12.10 | 107 | 250654 | 65.752 | ng | 100  |
| 37) 2-Methylnaphthalene        | 12.49 | 142 | 403714 | 51.260 | ng | 99   |
| 38) 1-Methylnaphthalene        | 12.70 | 142 | 398278 | 53.284 | ng | 99   |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.85 | 216 | 226474 | 35.851 | ng | 98   |

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 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

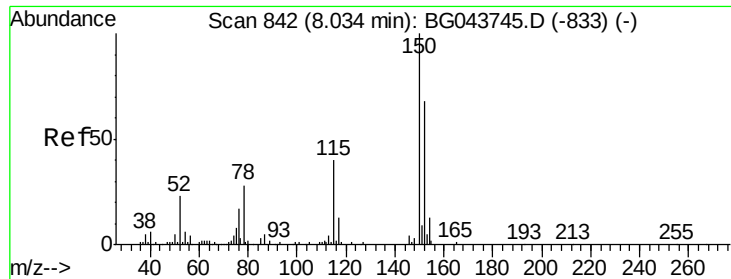
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Nov 25 02:04:47 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Nov 23 00:54:00 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.84 | 237  | 247775   | 72.597  | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 13.08 | 196  | 190687   | 46.934  | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 13.16 | 196  | 218695   | 51.741  | ng    | 96       |
| 46) 1,1'-Biphenyl              | 13.49 | 154  | 573176   | 41.651  | ng    | 100      |
| 47) 2-Chloronaphthalene        | 13.53 | 162  | 457803   | 40.794  | ng    | 98       |
| 48) 2-Nitroaniline             | 13.72 | 65   | 159713   | 48.612  | ng    | 98       |
| 49) Acenaphthylene             | 14.38 | 152  | 817151   | 46.281  | ng    | 98       |
| 50) Dimethylphthalate          | 14.11 | 163  | 751164   | 47.763  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.21 | 165  | 161176   | 55.187  | ng    | 98       |
| 52) Acenaphthene               | 14.72 | 154  | 559419   | 49.544  | ng    | 99       |
| 53) 3-Nitroaniline             | 14.54 | 138  | 66241    | 19.418  | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 14.75 | 184  | 145981   | 122.339 | ng    | # 63     |
| 55) Dibenzofuran               | 15.05 | 168  | 827584   | 47.047  | ng    | 99       |
| 56) 4-Nitrophenol              | 14.85 | 139  | 351826   | 122.443 | ng    | 94       |
| 57) 2,4-Dinitrotoluene         | 15.01 | 165  | 231871   | 57.247  | ng    | 95       |
| 58) Fluorene                   | 15.70 | 166  | 700666   | 48.571  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.19 | 232  | 217548   | 51.245  | ng    | 99       |
| 60) Diethylphthalate           | 15.48 | 149  | 774731   | 48.983  | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.69 | 204  | 369476   | 46.520  | ng    | 97       |
| 62) 4-Nitroaniline             | 15.71 | 138  | 168857   | 43.167  | ng    | 96       |
| 63) Azobenzene                 | 15.99 | 77   | 700642   | 47.333  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.77 | 198  | 110137   | 50.929  | ng    | 95       |
| 66) n-Nitrosodiphenylamine     | 15.91 | 169  | 644830   | 42.018  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.59 | 248  | 257156   | 42.070  | ng    | 97       |
| 68) Hexachlorobenzene          | 16.71 | 284  | 277518   | 41.530  | ng    | 96       |
| 69) Atrazine                   | 16.86 | 200  | 217100   | 35.298  | ng    | 98       |
| 70) Pentachlorophenol          | 17.04 | 266  | 401129   | 98.375  | ng    | 99       |
| 71) Phenanthrene               | 17.44 | 178  | 1297337  | 45.234  | ng    | 98       |
| 72) Anthracene                 | 17.53 | 178  | 1323291  | 45.675  | ng    | 97       |
| 73) Carbazole                  | 17.79 | 167  | 1284384  | 45.836  | ng    | 98       |
| 74) Di-n-butylphthalate        | 18.37 | 149  | 1522407  | 41.439  | ng    | 98       |
| 75) Fluoranthene               | 19.45 | 202  | 1775379  | 43.154  | ng    | 95       |
| 77) Benzidine                  | 19.62 | 184  | 76771    | 3.807   | ng    | 97       |
| 78) Pyrene                     | 19.81 | 202  | 1833110  | 41.140  | ng    | 97       |
| 80) Butylbenzylphthalate       | 20.71 | 149  | 891173   | 43.904  | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.65 | 228  | 1991745  | 43.152  | ng    | 96       |
| 82) 3,3'-Dichlorobenzidine     | 21.55 | 252  | 143406   | 8.285   | ng    | 99       |
| 83) Chrysene                   | 21.71 | 228  | 1886824  | 43.201  | ng    | 95       |
| 84) Bis(2-ethylhexyl)phthalate | 21.58 | 149  | 1251144  | 43.807  | ng    | 96       |
| 85) Di-n-octyl phthalate       | 22.79 | 149  | 1771289  | 38.236  | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.46 | 276  | 1934144  | 38.070  | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 23.84 | 252  | 1682086  | 45.819  | ng    | 97       |
| 89) Benzo(k)fluoranthene       | 23.91 | 252  | 1610034  | 45.697  | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.69 | 252  | 1507892  | 43.681  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.53 | 278  | 1586493  | 47.381  | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 29.59 | 276  | 1613845  | 48.875  | ng    | 99       |

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



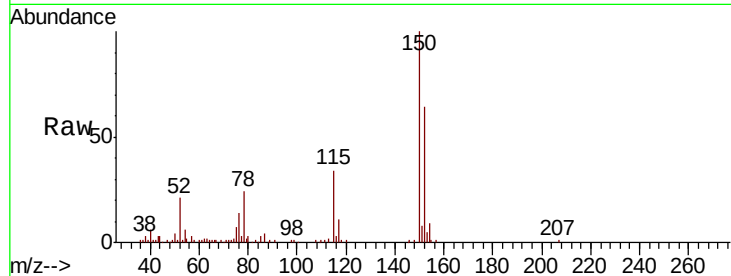


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.03 min Scan# 840  
Delta R.T. -0.01 min  
Lab File: BG043764.D  
Acq: 23 Nov 2019 20:16

Instrument :  
BNA\_G  
ClientSampled :

| Tot Ion   | 152   | Resp  | 37568 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 150       | 157.0 | 117.8 | 176.8 |
| 115       | 53.5  | 47.0  | 70.4  |

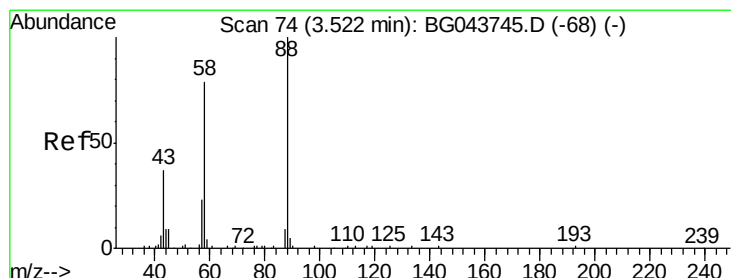
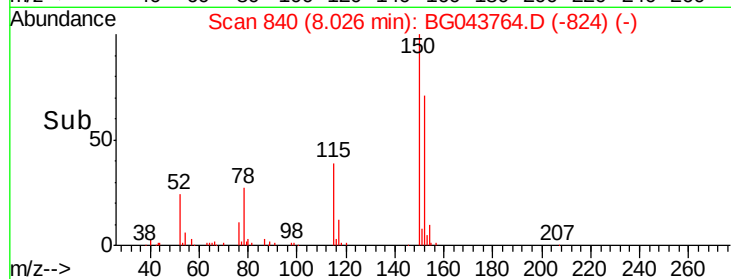
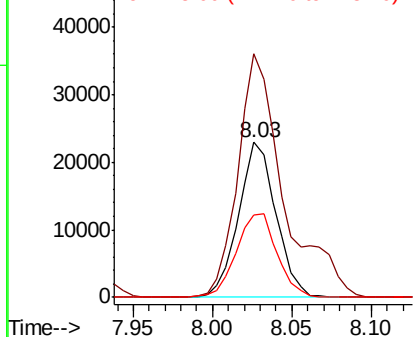


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

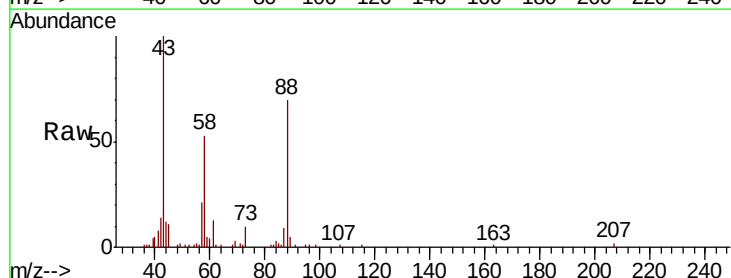
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 32.116 ng  
RT: 3.52 min Scan# 73  
Delta R.T. -0.00 min  
Lab File: BG043764.D  
Acq: 23 Nov 2019 20:16

| Tgt Ion   | 88    | Resp  | 29757 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 58        | 77.1  | 62.3  | 93.5  |
| 43        | 125.7 | 28.9  | 43.3# |

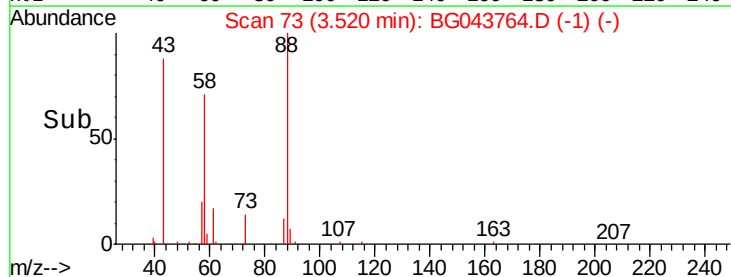
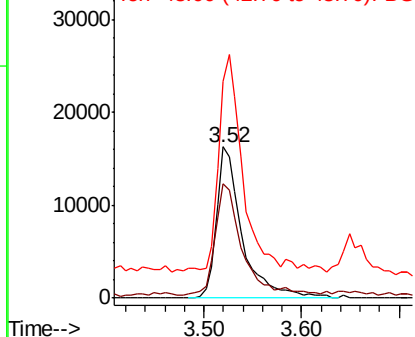


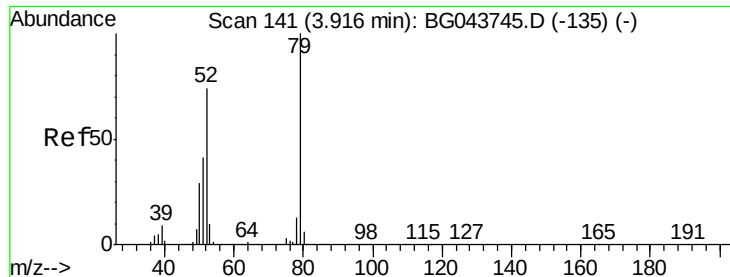
Abundance

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: 54.634 ng

RT: 3.93 min Scan# 142

Delta R.T. 0.01 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

Instrument :

BNA\_G

ClientSampleId :

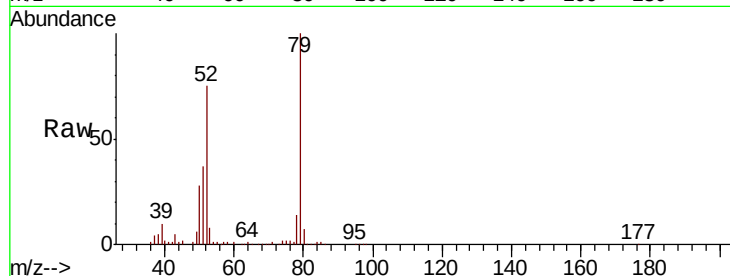
Tot Ion: 79 Resp: 142536

Ion Ratio Lower Upper

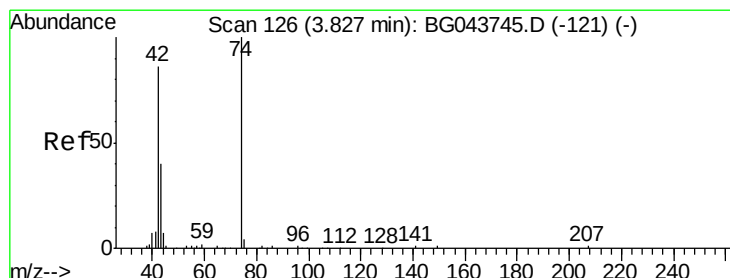
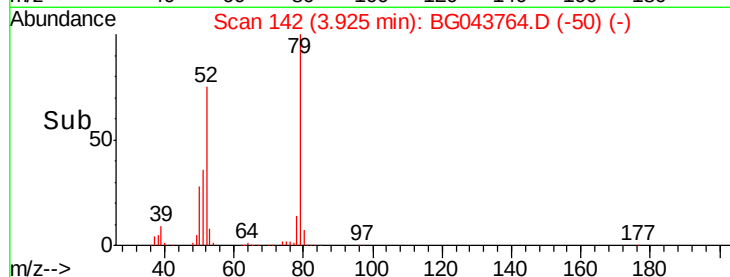
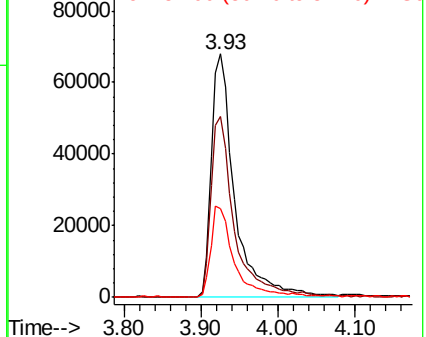
79 100

52 74.5 59.0 88.6

51 36.6 32.9 49.3



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: 46.593 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

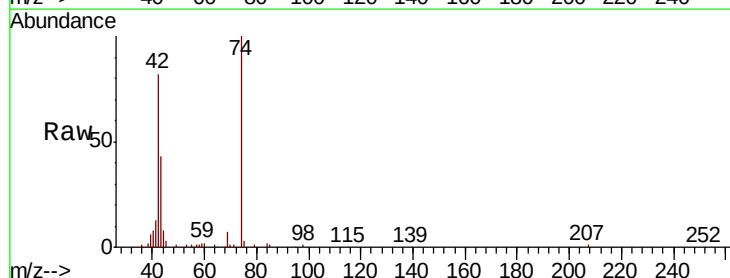
Tgt Ion: 42 Resp: 60384

Ion Ratio Lower Upper

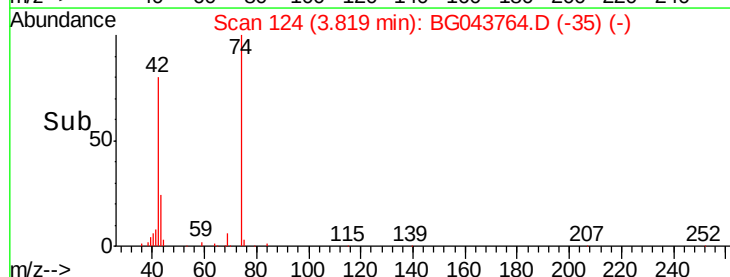
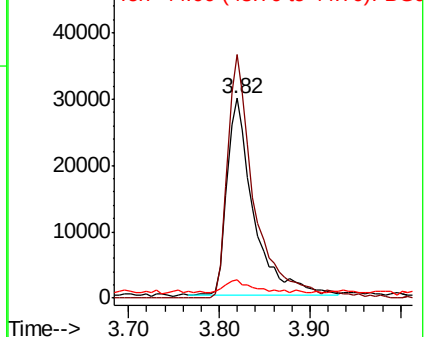
42 100

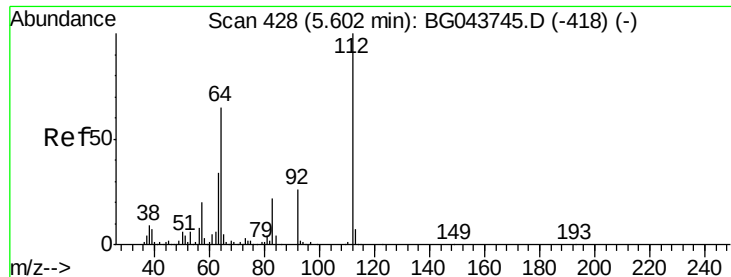
74 121.7 91.9 137.9

44 9.3 9.1 13.7



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: 185.894 ng

RT: 5.61 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

Instrument :

BNA\_G

ClientSampled :

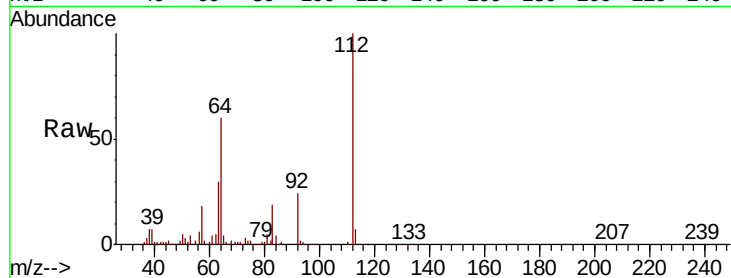
Tot Ion:112 Resp: 388460

Ion Ratio Lower Upper

112 100

64 59.8 51.7 77.5

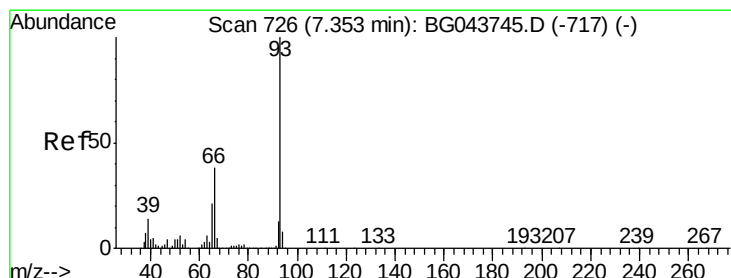
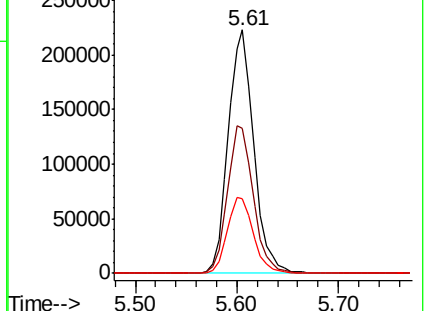
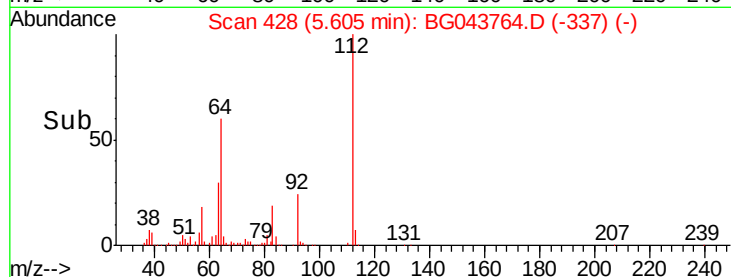
63 30.5 26.8 40.2



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: 32.716 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.01 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

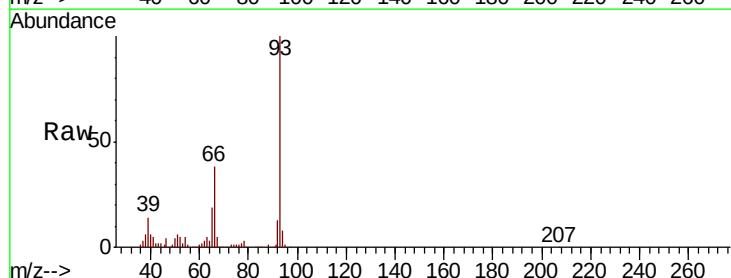
Tgt Ion: 93 Resp: 129512

Ion Ratio Lower Upper

93 100

66 37.6 30.6 46.0

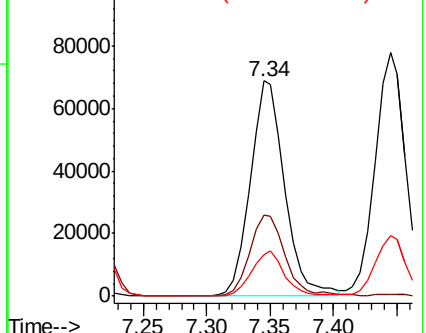
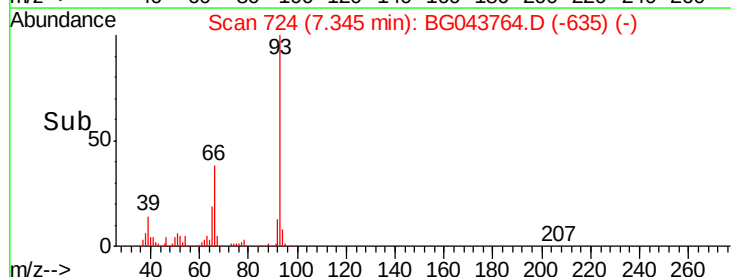
65 19.4 16.8 25.2

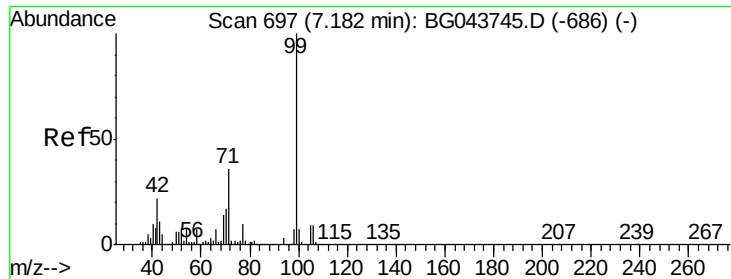


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 209.422 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

Instrument :

BNA\_G

ClientSampleId :

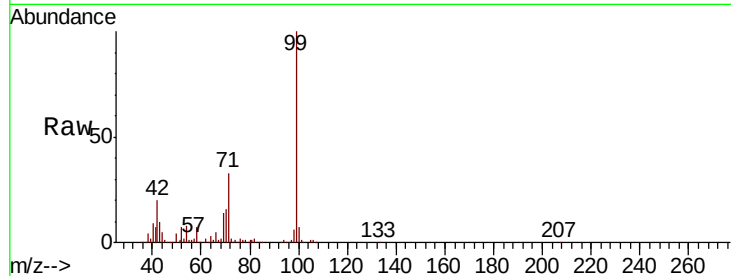
Tot Ion: 99 Resp: 636164

Ion Ratio Lower Upper

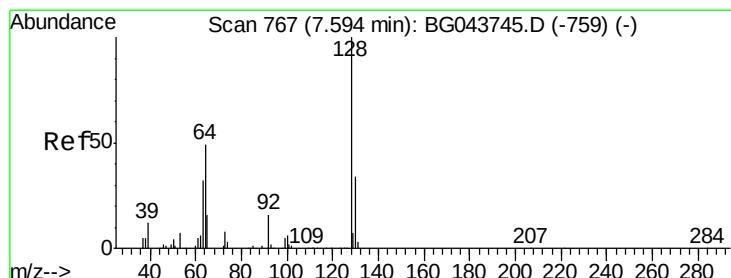
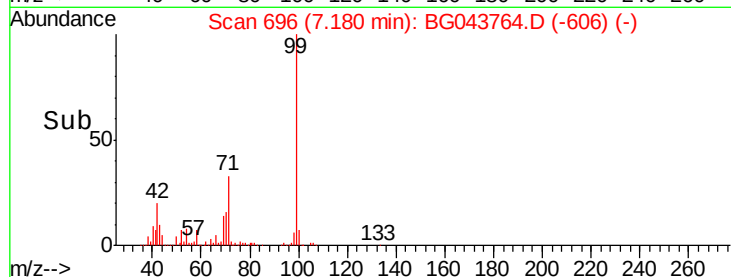
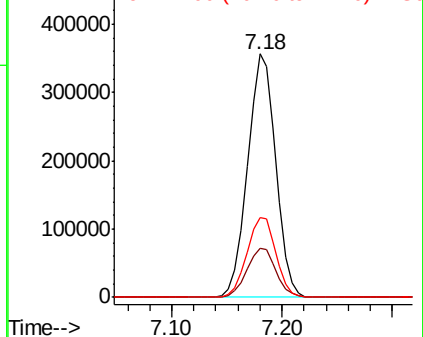
99 100

42 20.3 17.4 26.0

71 32.9 29.5 44.3



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: 61.581 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

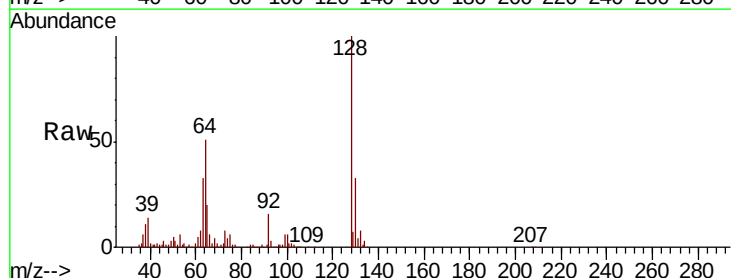
Tgt Ion: 128 Resp: 146771

Ion Ratio Lower Upper

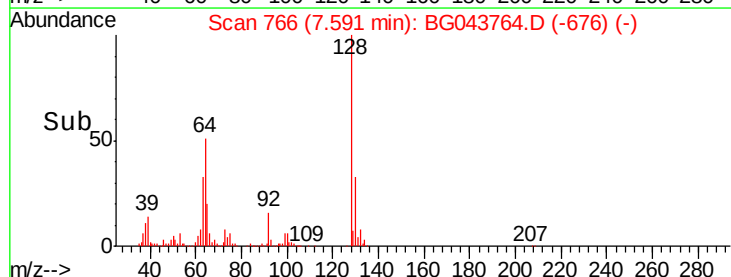
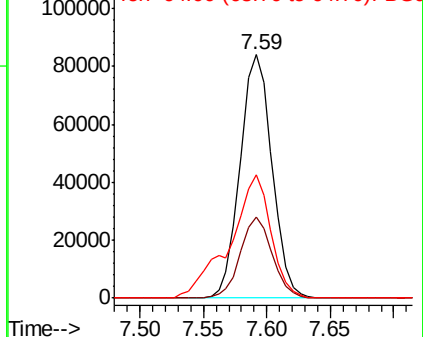
128 100

130 33.1 14.3 54.3

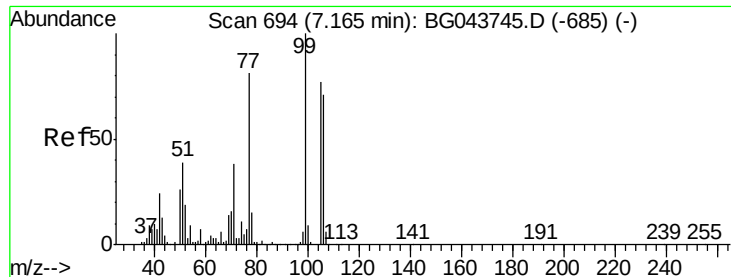
64 50.6 34.5 74.5



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BGC







#9

Benzaldehyde

Concen: 13.011 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

Instrument :

BNA\_G

ClientSampleId :

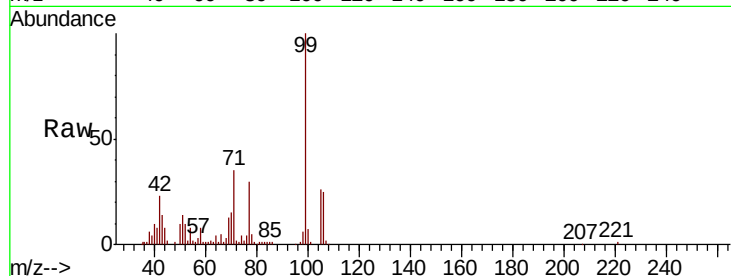
Tot Ion: 77 Resp: 23609

Ion Ratio Lower Upper

77 100

105 85.4 75.0 115.0

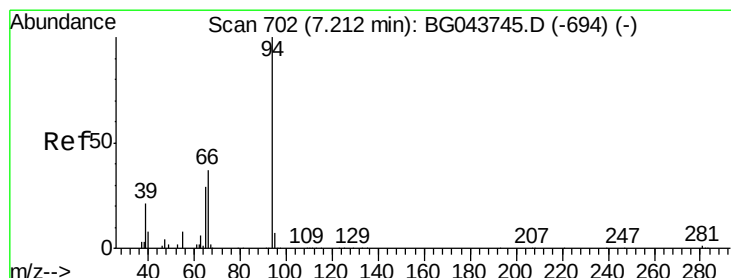
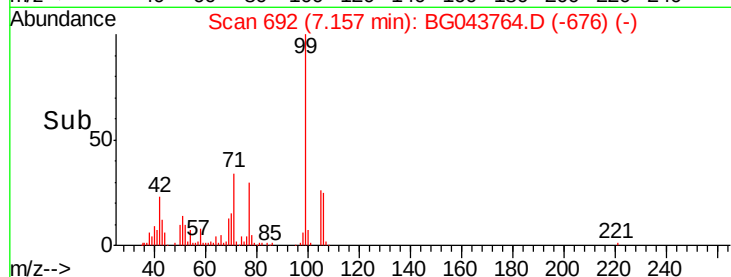
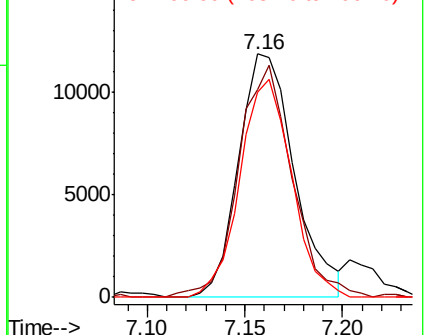
106 84.1 67.4 107.4



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 69.716 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

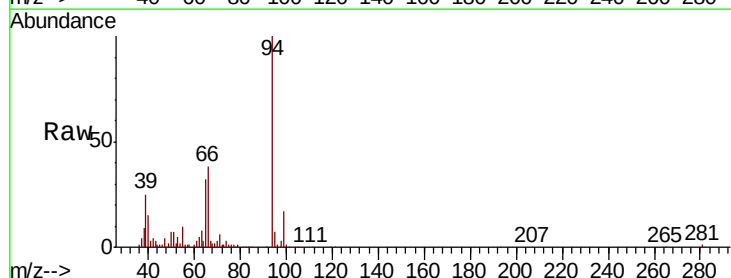
Tgt Ion: 94 Resp: 217406

Ion Ratio Lower Upper

94 100

65 31.6 10.3 50.3

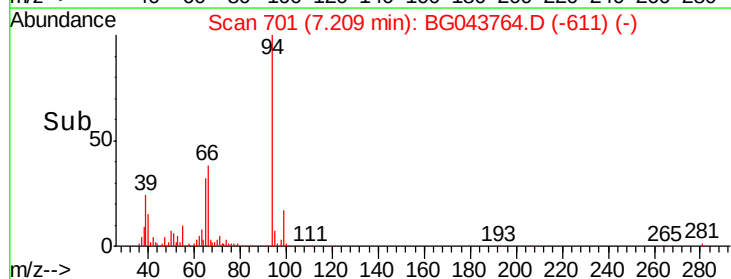
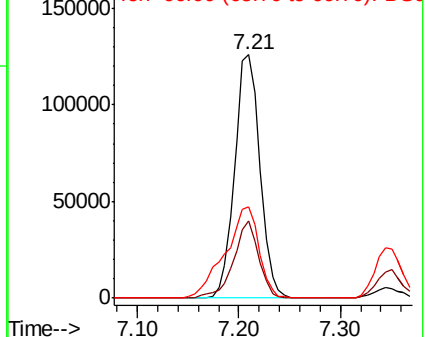
66 37.6 20.5 60.5



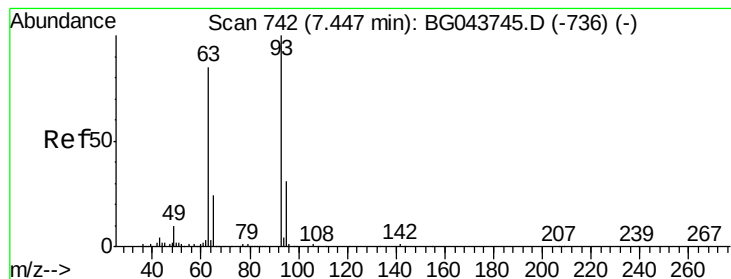
Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



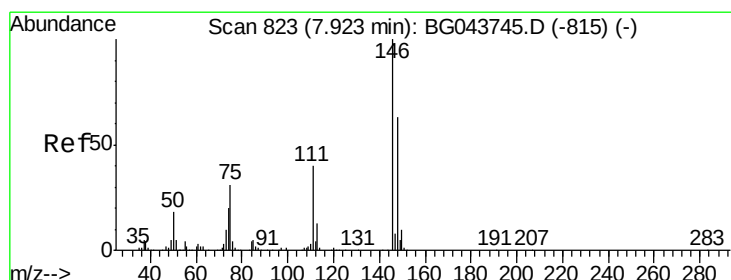
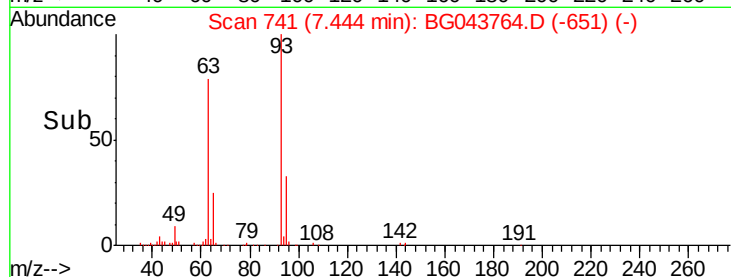
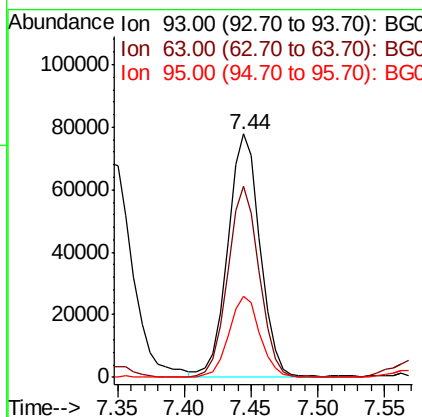
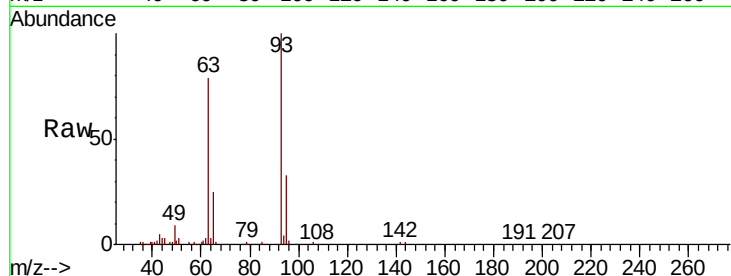




#11  
bis(2-Chloroethyl)ether  
Concen: 50.657 ng  
RT: 7.44 min Scan# 741  
Delta R.T. -0.00 min  
Lab File: BG043764.D  
Acq: 23 Nov 2019 20:16

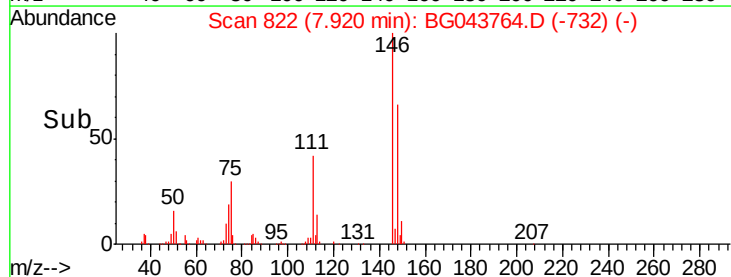
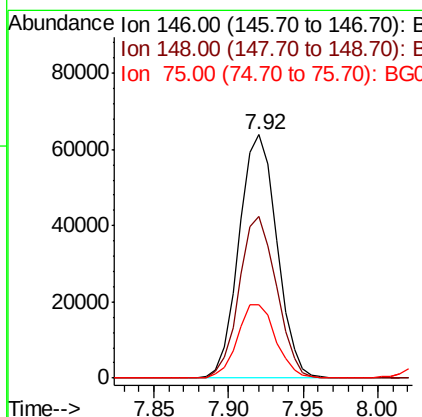
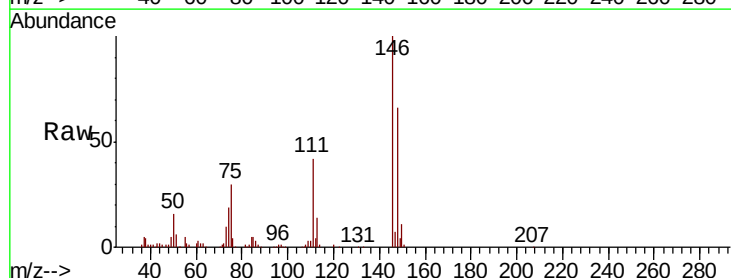
Instrument :  
BNA\_G  
ClientSampled :

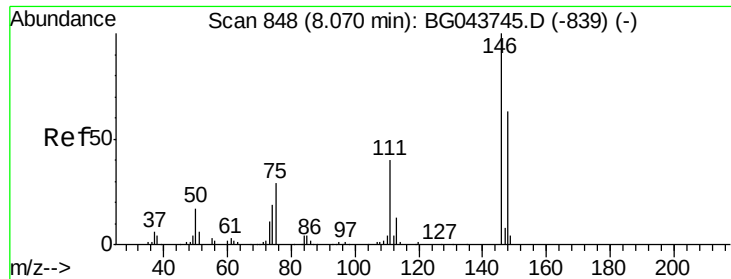
| Tot Ion   | 93    | Resp  | 131841 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 78.6  | 64.4  | 104.4  |
| 95        | 33.4  | 11.3  | 51.3   |



#12  
1,3-Dichlorobenzene  
Concen: 40.121 ng  
RT: 7.92 min Scan# 822  
Delta R.T. -0.00 min  
Lab File: BG043764.D  
Acq: 23 Nov 2019 20:16

| Tgt Ion   | 146   | Resp  | 112568 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 66.3  | 50.6  | 75.8   |
| 75        | 30.2  | 25.2  | 37.8   |

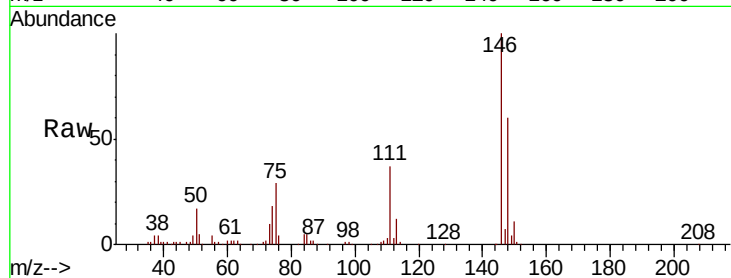




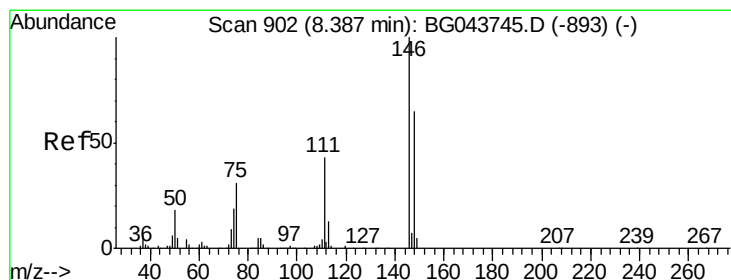
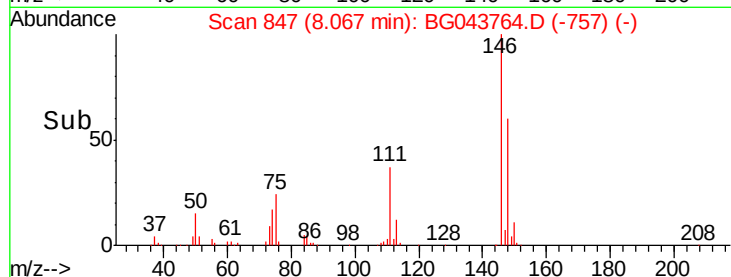
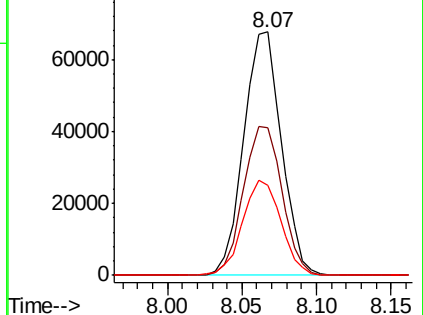
#13  
 1,4-Dichlorobenzene  
 Concen: 41.606 ng  
 RT: 8.07 min Scan# 847  
 Delta R.T. -0.00 min  
 Lab File: BG043764.D  
 Acq: 23 Nov 2019 20:16

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:146 Resp: 118238  
 Ion Ratio Lower Upper  
 146 100  
 148 60.5 50.1 75.1  
 111 37.0 32.1 48.1

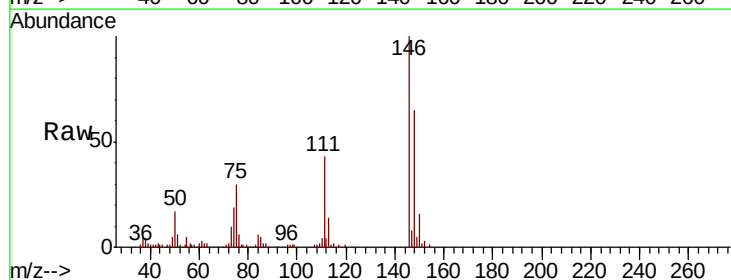


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

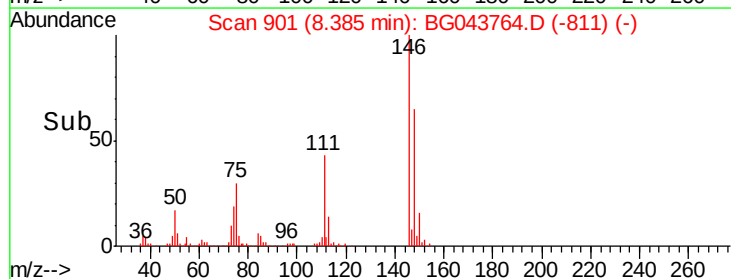
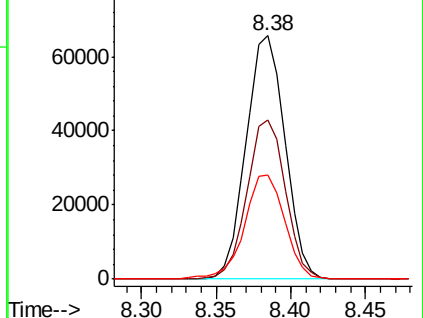


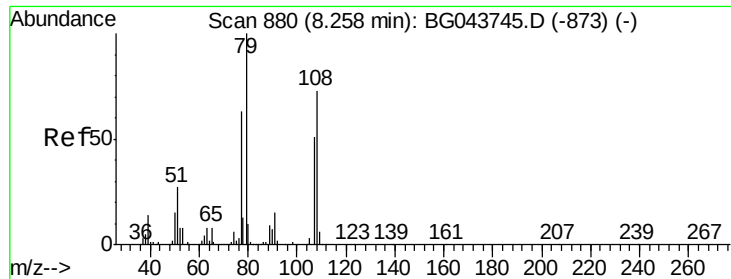
#14  
 1,2-Dichlorobenzene  
 Concen: 43.863 ng  
 RT: 8.38 min Scan# 901  
 Delta R.T. -0.00 min  
 Lab File: BG043764.D  
 Acq: 23 Nov 2019 20:16

Tgt Ion:146 Resp: 117943  
 Ion Ratio Lower Upper  
 146 100  
 148 65.1 52.1 78.1  
 111 42.8 34.7 52.1



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: 65.754 ng

RT: 8.26 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

Instrument :

BNA\_G

ClientSampleId :

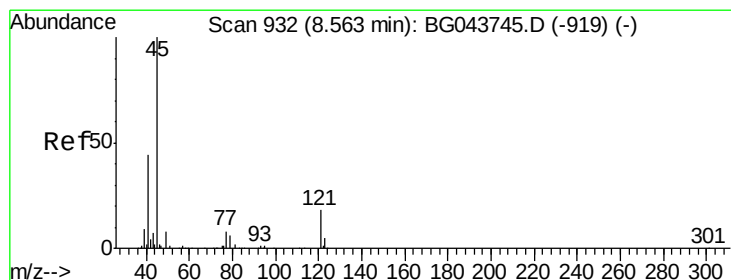
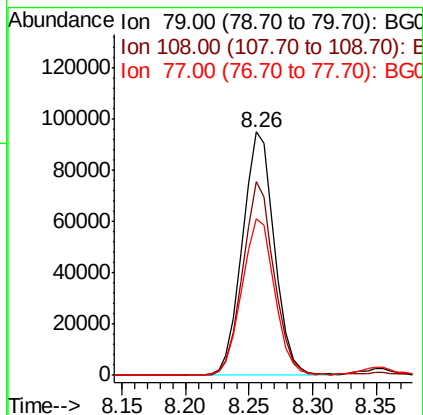
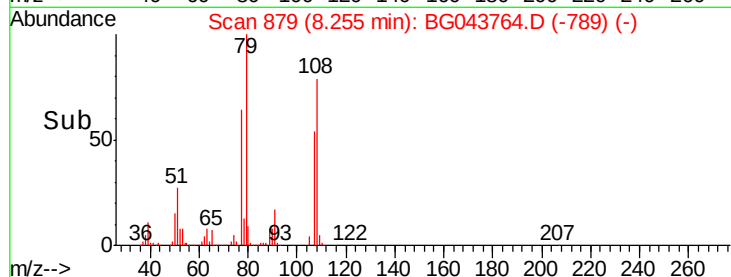
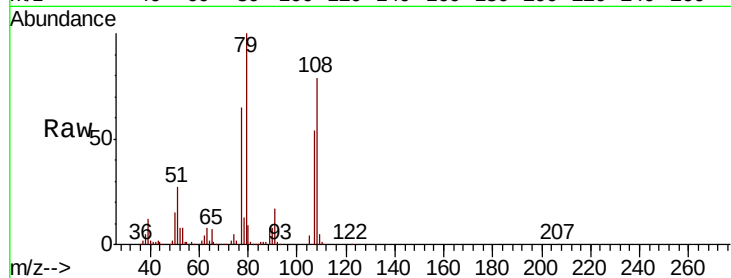
Tot Ion: 79 Resp: 166835

Ion Ratio Lower Upper

79 100

108 79.3 58.2 87.2

77 64.6 50.2 75.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.315 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

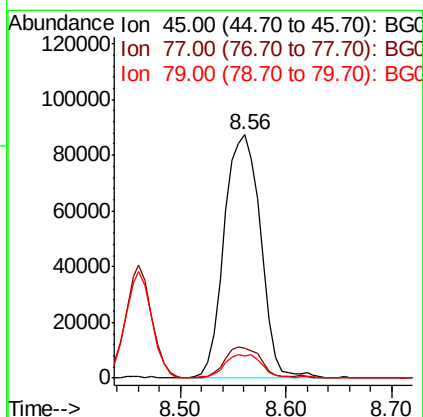
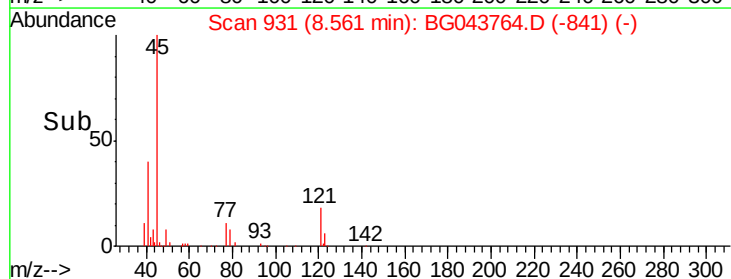
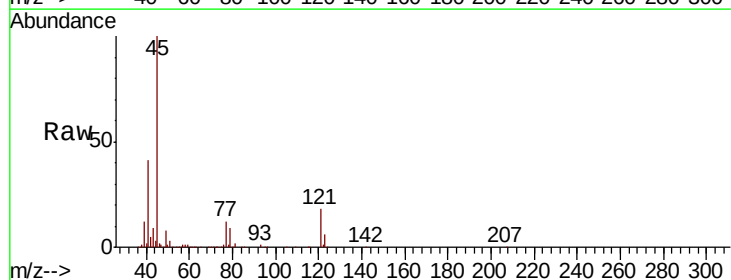
Tgt Ion: 45 Resp: 207302

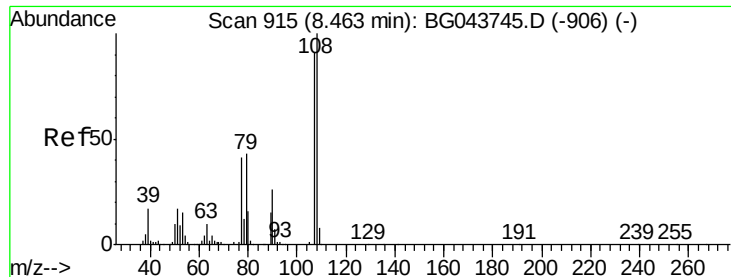
Ion Ratio Lower Upper

45 100

77 12.0 0.0 32.2

79 9.2 0.0 29.9





#17

2-Methylphenol

Concen: 68.359 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:107 Resp: 152412

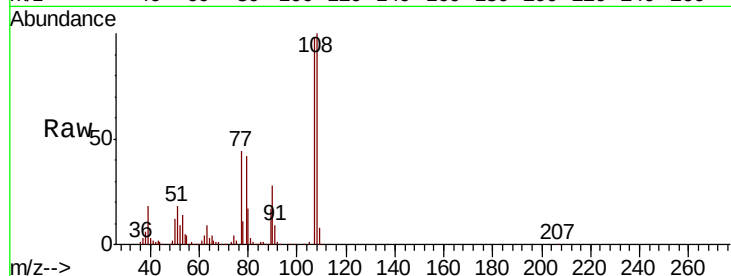
Ion Ratio Lower Upper

107 100

108 102.0 88.0 132.0

77 45.1 35.9 53.9

79 42.6 38.2 57.2

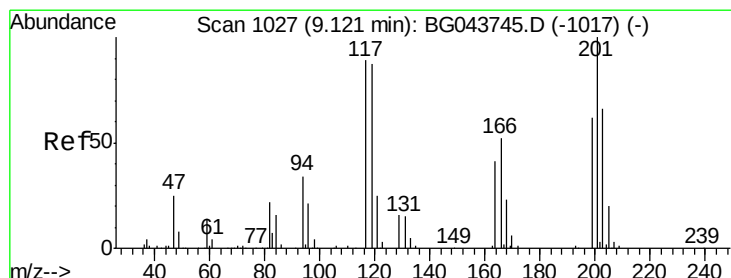
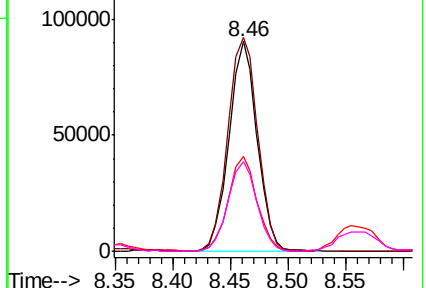
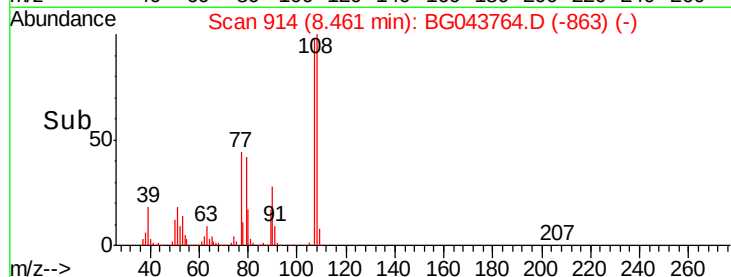


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.456 ng

RT: 9.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

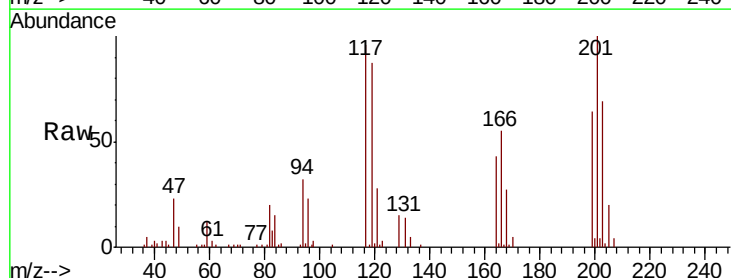
Tgt Ion:117 Resp: 41255

Ion Ratio Lower Upper

117 100

119 90.8 77.7 116.5

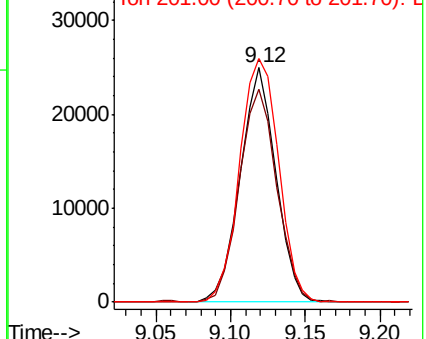
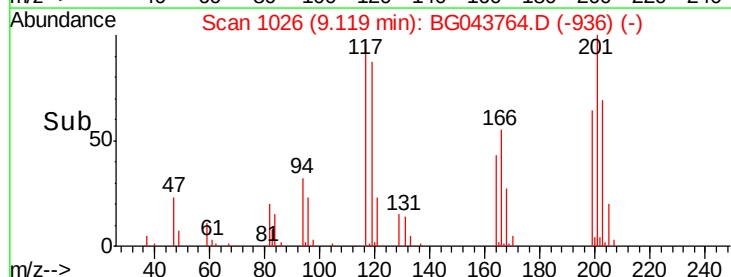
201 103.9 89.4 134.0

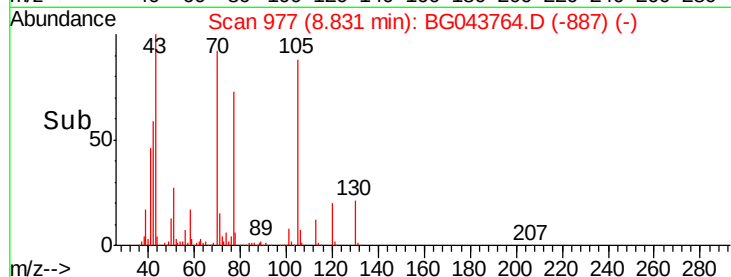
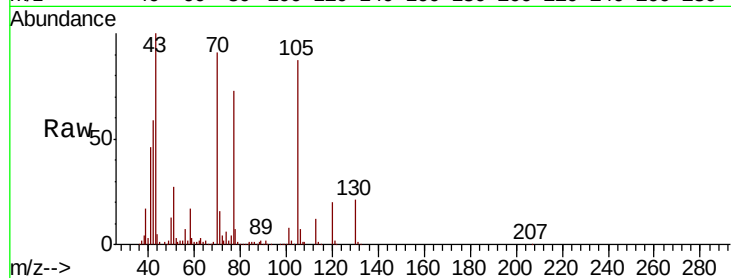
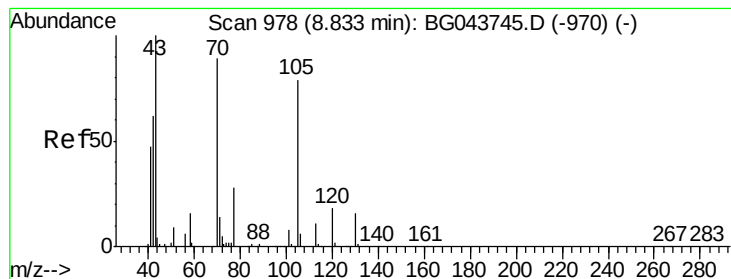


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 57.052 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 70 Resp: 136288

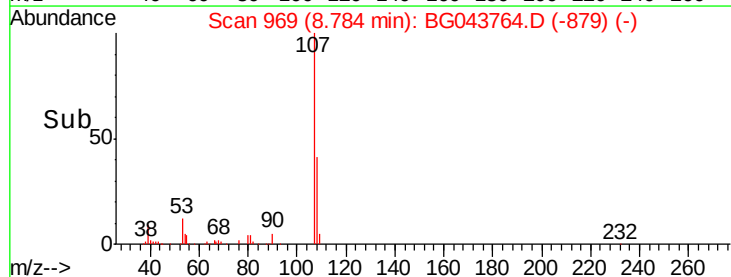
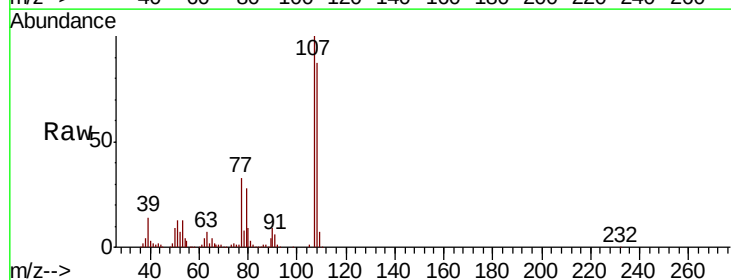
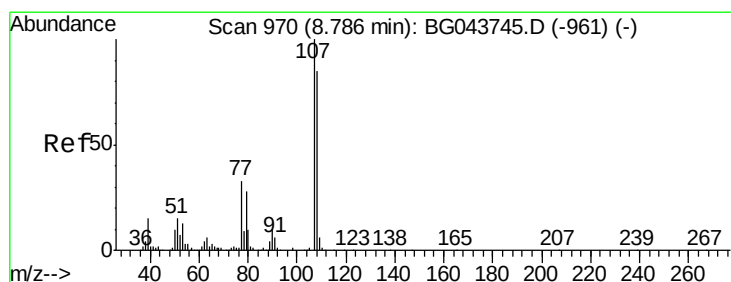
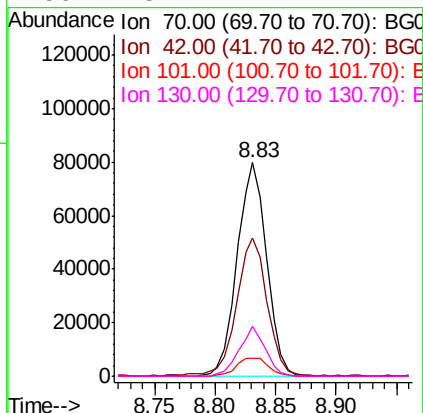
Ion Ratio Lower Upper

70 100

42 64.6 56.4 84.6

101 8.6 6.7 10.1

130 23.2 14.7 22.1#



#20

3+4-Methylphenols

Concen: 71.779 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

Tgt Ion: 107 Resp: 223269

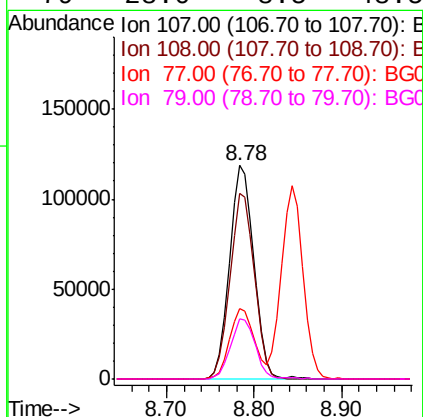
Ion Ratio Lower Upper

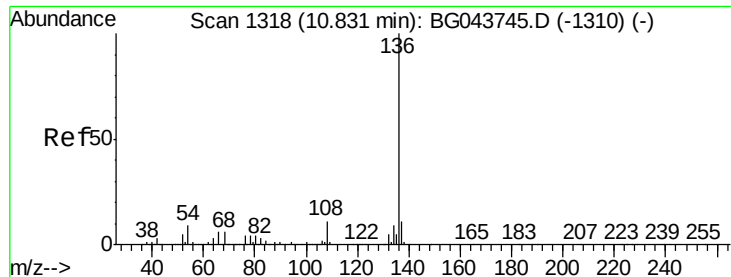
107 100

108 87.1 64.6 104.6

77 33.2 13.7 53.7

79 28.0 8.5 48.5

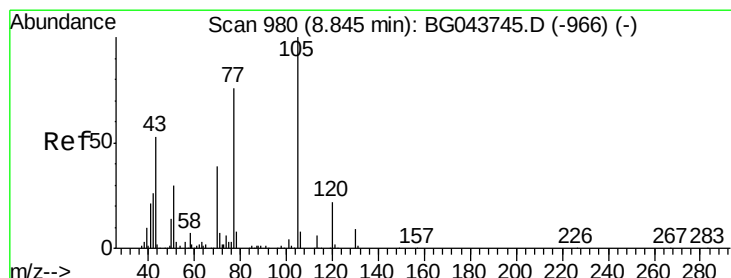
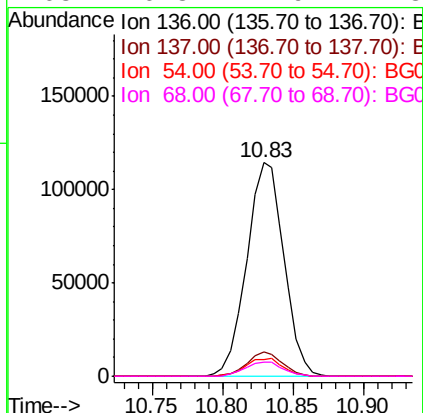
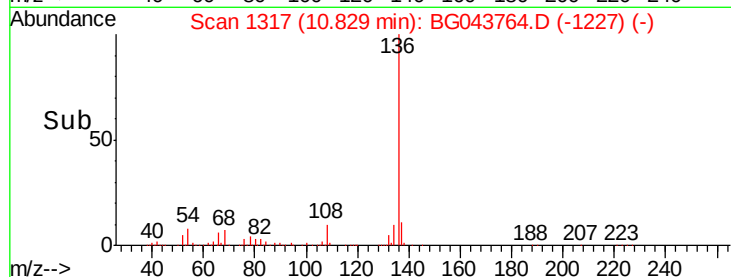
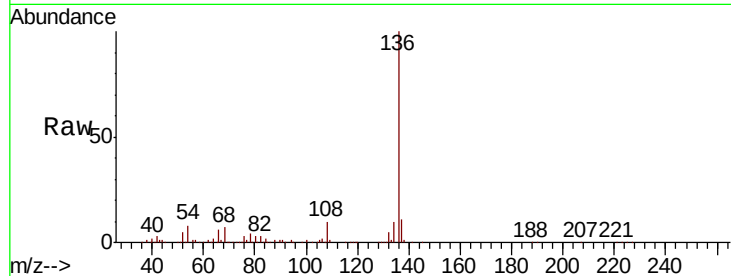




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.83 min Scan# 1317  
Delta R.T. -0.00 min  
Lab File: BG043764.D  
Acq: 23 Nov 2019 20:16

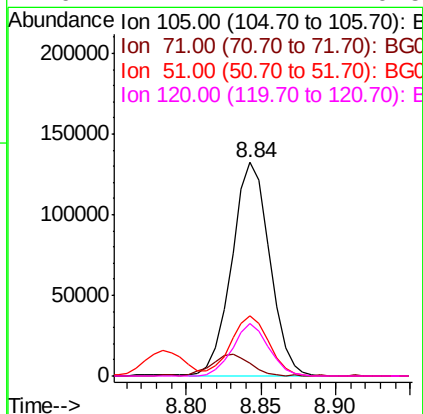
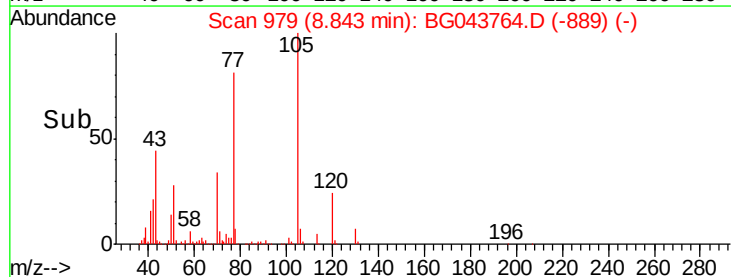
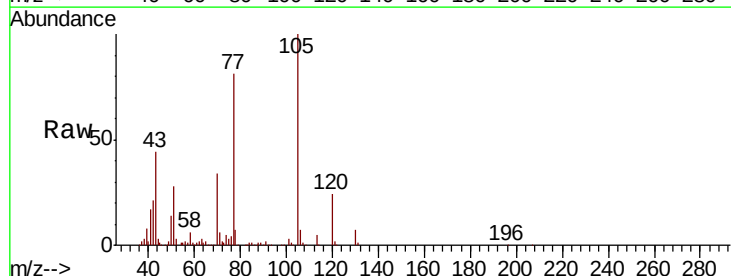
Instrument :  
BNA\_G  
ClientSampleId :

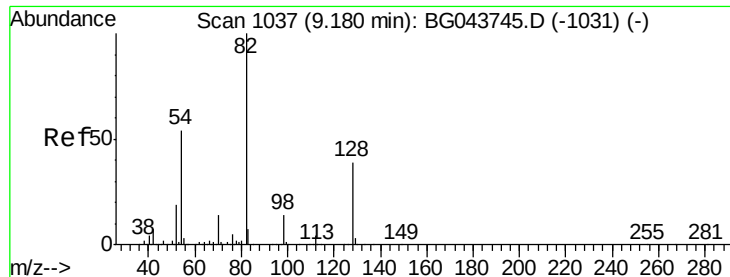
|             |              |
|-------------|--------------|
| Tot Ion:136 | Resp: 210681 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 11.2    | 8.8 13.2     |
| 54 8.1      | 7.5 11.3     |
| 68 6.8      | 4.9 7.3      |



#22  
Acetophenone  
Concen: 41.903 ng  
RT: 8.84 min Scan# 979  
Delta R.T. -0.00 min  
Lab File: BG043764.D  
Acq: 23 Nov 2019 20:16

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 233986 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 5.9     | 6.3   | 9.5#   |
| 51  | 28.3    | 24.7  | 37.1   |
| 120 | 24.4    | 17.7  | 26.5   |

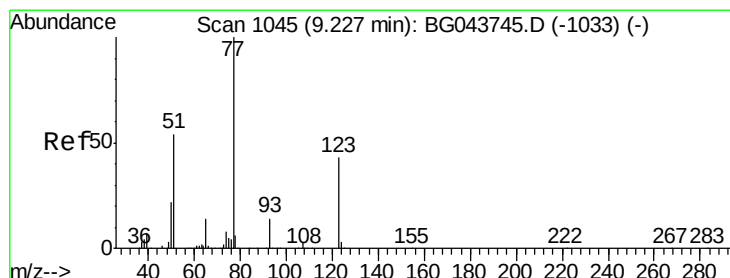
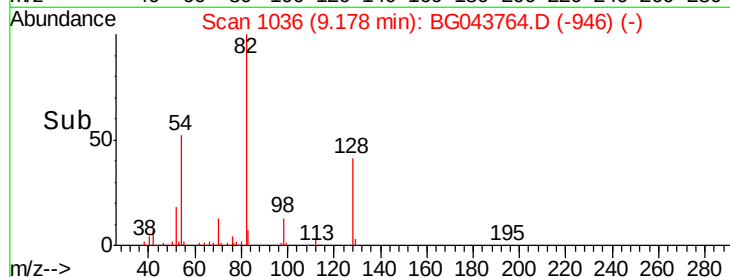
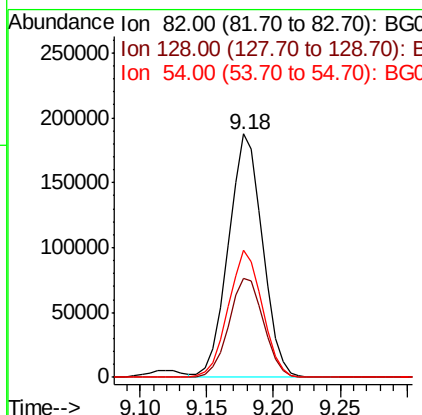
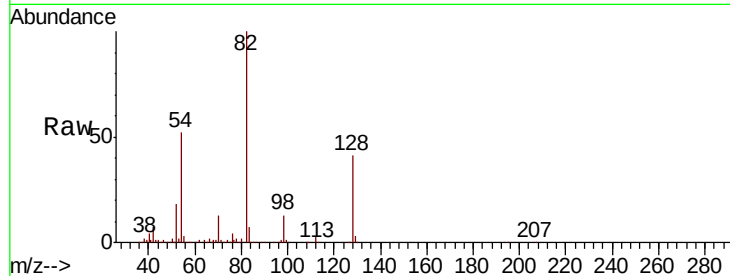




#23  
 Nitrobenzene-d5  
 Concen: 87.080 ng  
 RT: 9.18 min Scan# 1036  
 Delta R.T. -0.00 min  
 Lab File: BG043764.D  
 Acq: 23 Nov 2019 20:16

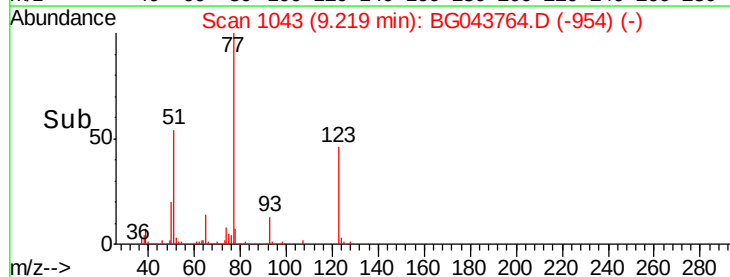
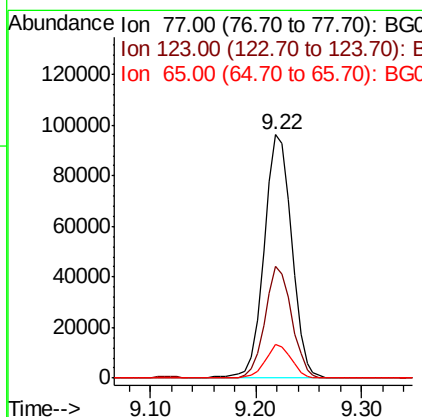
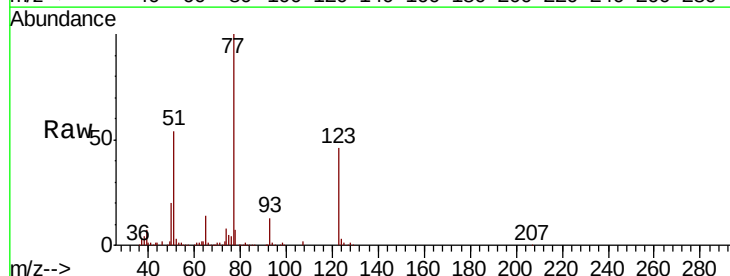
Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion   | 82    | Resp  | 333671 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 40.7  | 31.3  | 46.9   |
| 54        | 52.0  | 42.7  | 64.1   |

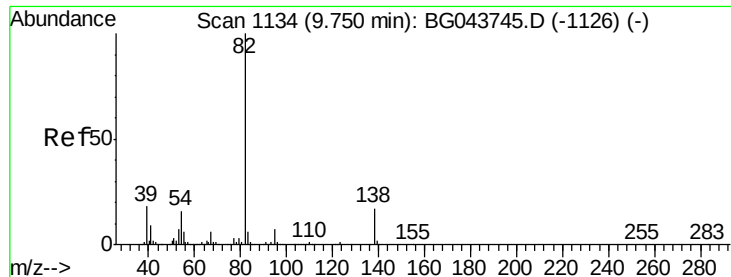


#24  
 Nitrobenzene  
 Concen: 44.210 ng  
 RT: 9.22 min Scan# 1043  
 Delta R.T. -0.01 min  
 Lab File: BG043764.D  
 Acq: 23 Nov 2019 20:16

| Tgt Ion   | 77    | Resp  | 174127 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 46.2  | 34.7  | 52.1   |
| 65        | 13.7  | 11.0  | 16.6   |



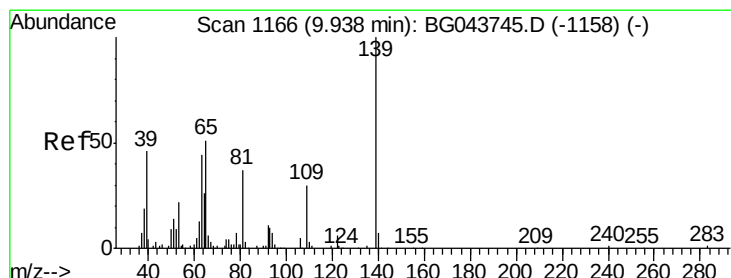
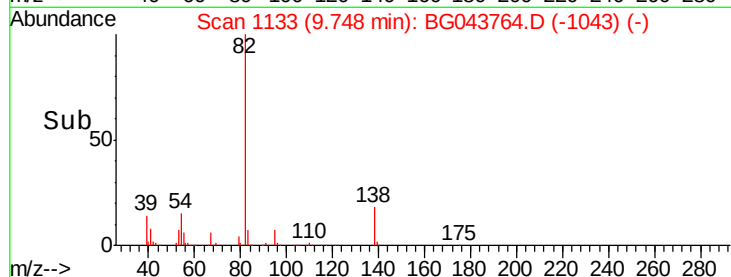
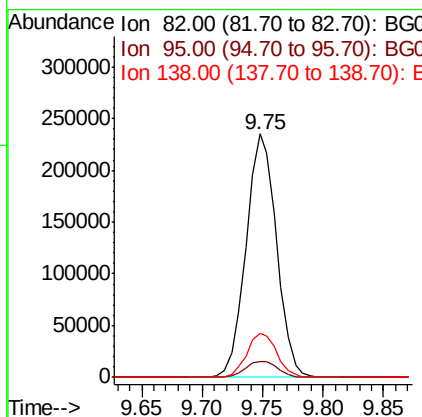
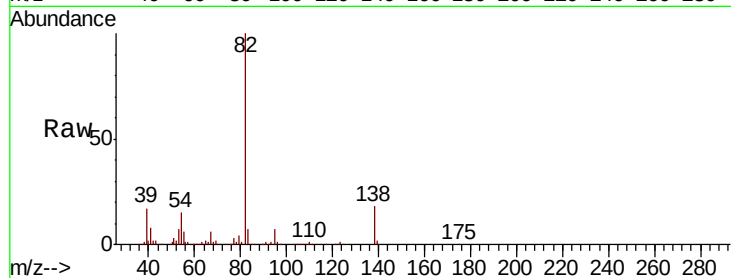




#25  
Isophorone  
Concen: 50.184 ng  
RT: 9.75 min Scan# 1133  
Delta R.T. -0.00 min  
Lab File: BG043764.D  
Acq: 23 Nov 2019 20:16

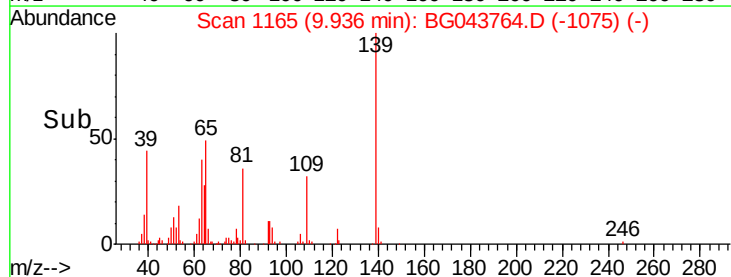
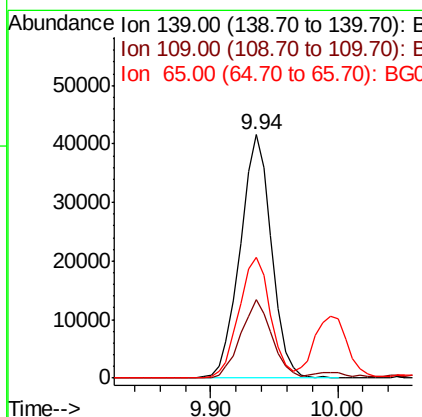
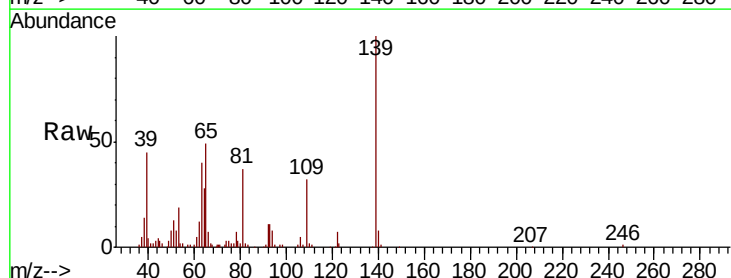
Instrument :  
BNA\_G  
ClientSampleId :

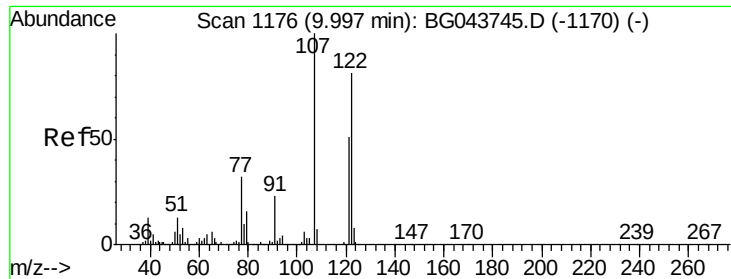
| Tot Ion   | 82.00 (81.70 to 82.70): BGC | Resp  | 412327 |
|-----------|-----------------------------|-------|--------|
| Ion Ratio | Lower                       | Upper |        |
| 82        | 100                         |       |        |
| 95        | 6.7                         | 5.9   | 8.9    |
| 138       | 18.0                        | 13.3  | 19.9   |



#26  
2-Nitrophenol  
Concen: 50.035 ng  
RT: 9.94 min Scan# 1165  
Delta R.T. -0.00 min  
Lab File: BG043764.D  
Acq: 23 Nov 2019 20:16

| Tgt Ion   | 139.00 (138.70 to 139.70): BGC | Resp  | 71101 |
|-----------|--------------------------------|-------|-------|
| Ion Ratio | Lower                          | Upper |       |
| 139       | 100                            |       |       |
| 109       | 32.2                           | 24.1  | 36.1  |
| 65        | 49.4                           | 41.1  | 61.7  |

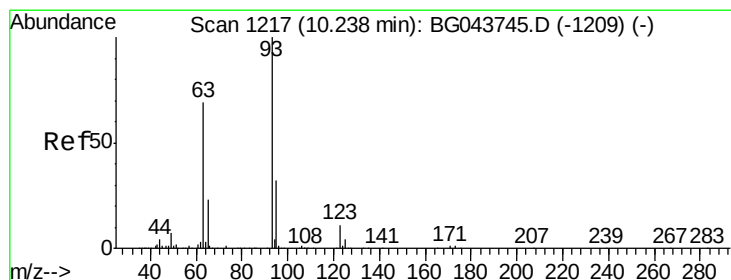
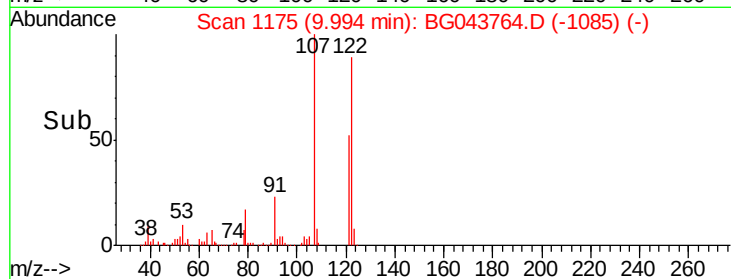
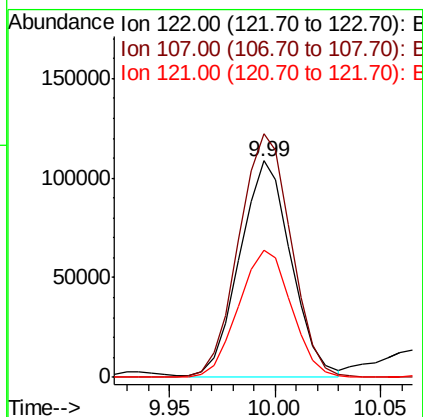
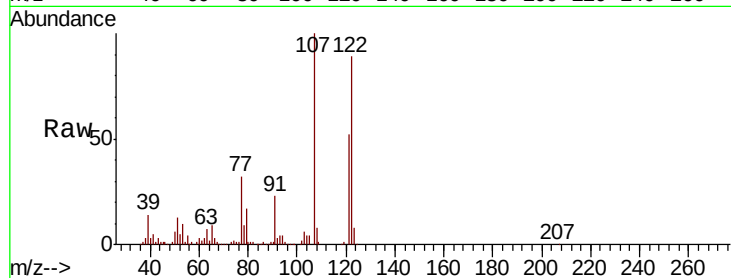




#27  
2,4-Dimethylphenol  
Concen: 65.433 ng  
RT: 9.99 min Scan# 1175  
Delta R.T. -0.00 min  
Lab File: BG043764.D  
Acq: 23 Nov 2019 20:16

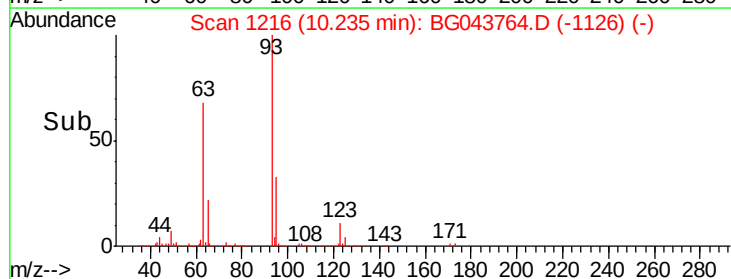
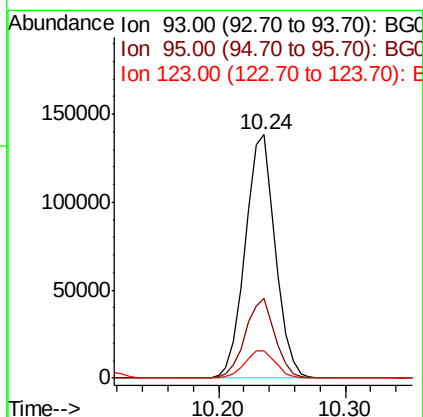
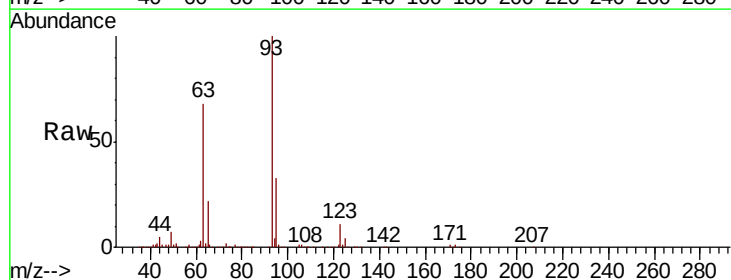
Instrument :  
BNA\_G  
ClientSampleId :

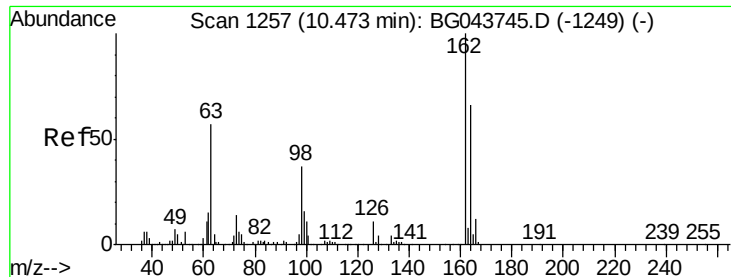
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 112.7 | 98.5  | 147.7 |
| 121     | 59.1  | 49.6  | 74.4  |



#28  
bis(2-Chloroethoxy)methane  
Concen: 45.058 ng  
RT: 10.24 min Scan# 1216  
Delta R.T. -0.00 min  
Lab File: BG043764.D  
Acq: 23 Nov 2019 20:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.0  | 26.0  | 39.0  |
| 123     | 11.2  | 8.7   | 13.1  |

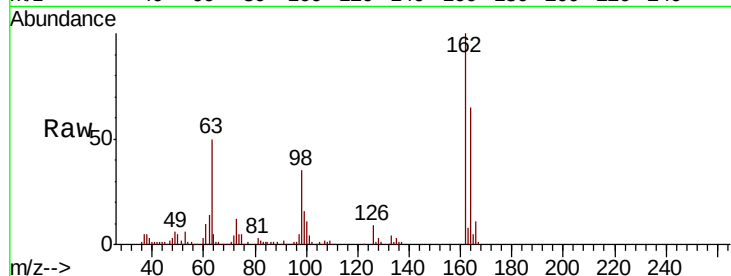




#29  
 2,4-Dichlorophenol  
 Concen: 58.363 ng  
 RT: 10.47 min Scan# 1256  
 Delta R.T. -0.00 min  
 Lab File: BG043764.D  
 Acq: 23 Nov 2019 20:16

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.7  | 46.4  | 86.4  |
| 98      | 34.8  | 17.3  | 57.3  |

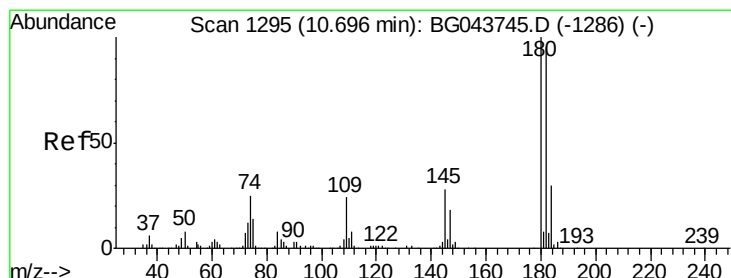
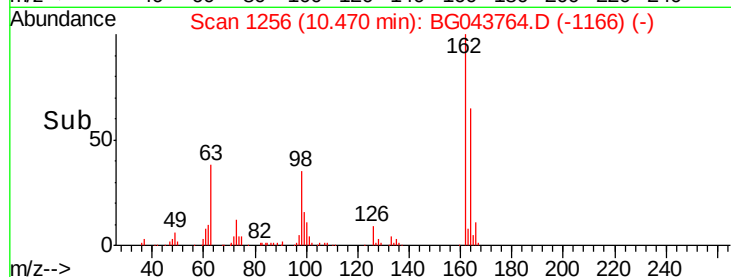
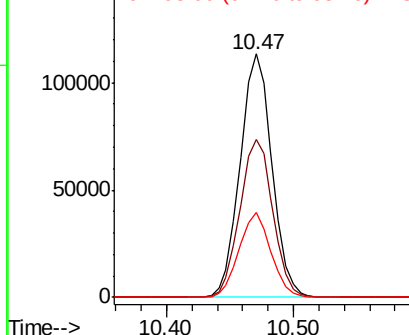


Abundance

Ion 162.00 (161.70 to 162.70): E

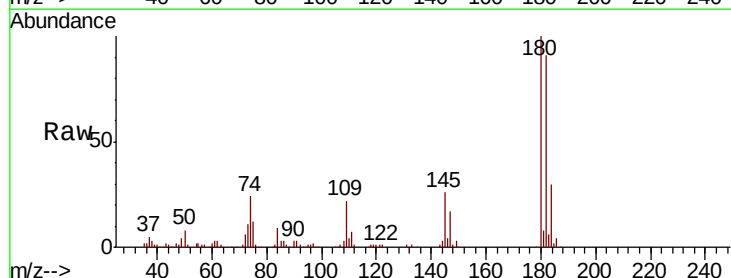
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.293 ng  
 RT: 10.69 min Scan# 1294  
 Delta R.T. -0.00 min  
 Lab File: BG043764.D  
 Acq: 23 Nov 2019 20:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 91.0  | 75.8  | 113.6 |
| 145     | 25.9  | 22.5  | 33.7  |

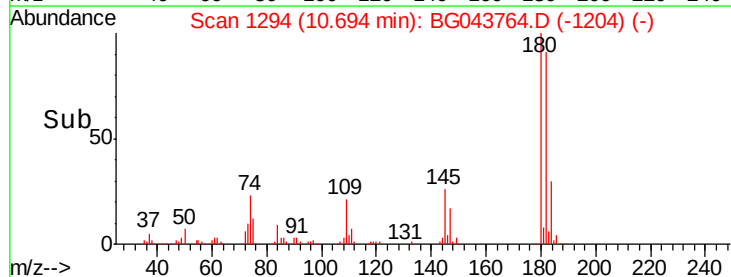
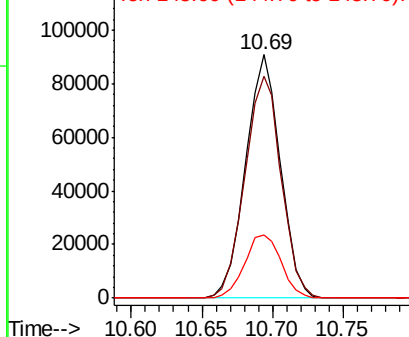


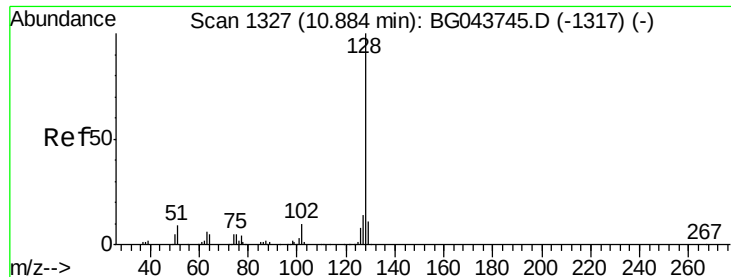
Abundance

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

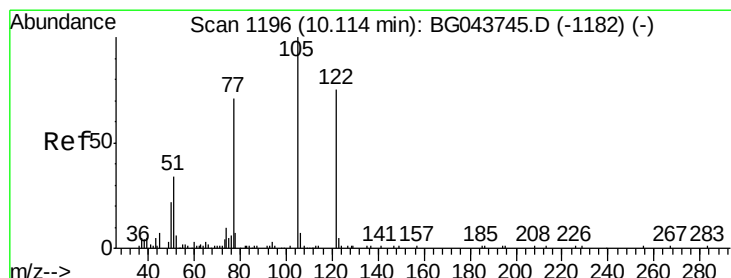
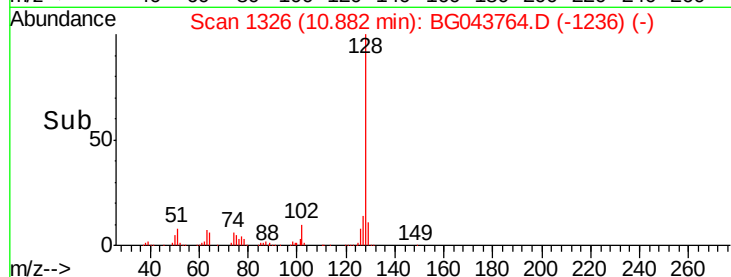
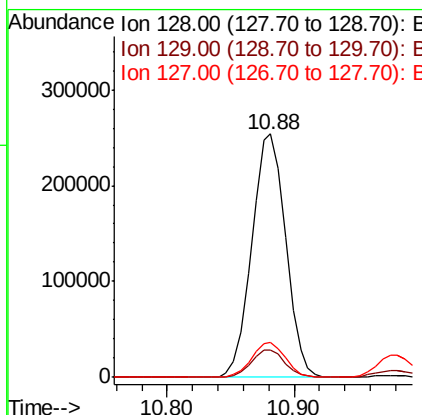
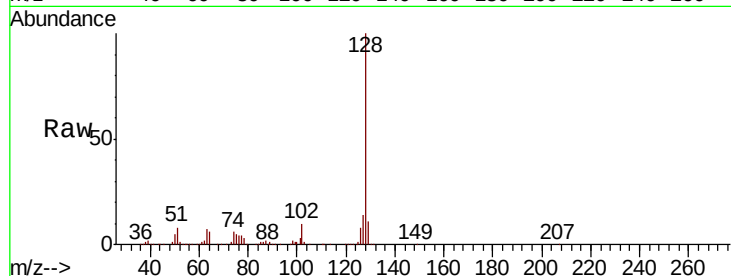




#31  
Naphthalene  
Concen: 45.215 ng  
RT: 10.88 min Scan# 1326  
Delta R.T. -0.00 min  
Lab File: BG043764.D  
Acq: 23 Nov 2019 20:16

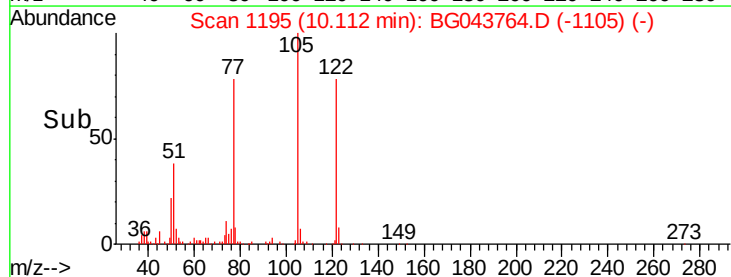
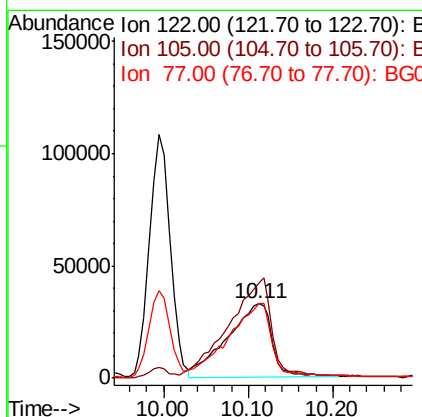
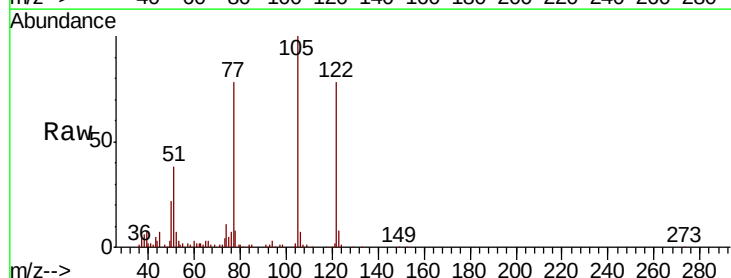
Instrument :  
BNA\_G  
ClientSampleId :

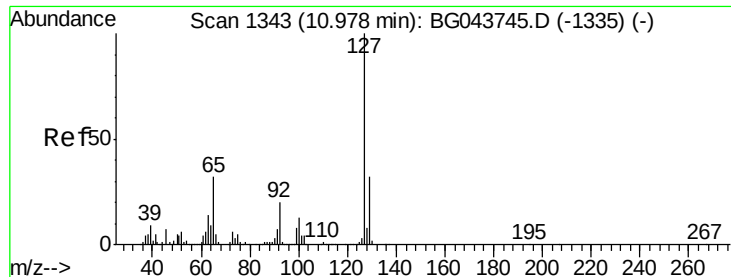
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.0  | 9.1   | 13.7  |
| 127     | 14.4  | 11.4  | 17.0  |



#32  
Benzoic acid  
Concen: 59.177 ng  
RT: 10.11 min Scan# 1195  
Delta R.T. -0.00 min  
Lab File: BG043764.D  
Acq: 23 Nov 2019 20:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 128.6 | 109.3 | 149.3 |
| 77      | 100.4 | 76.1  | 116.1 |

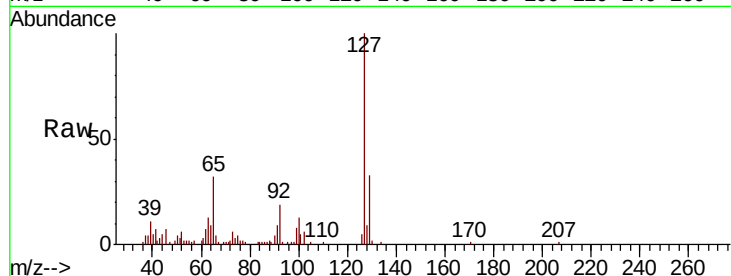




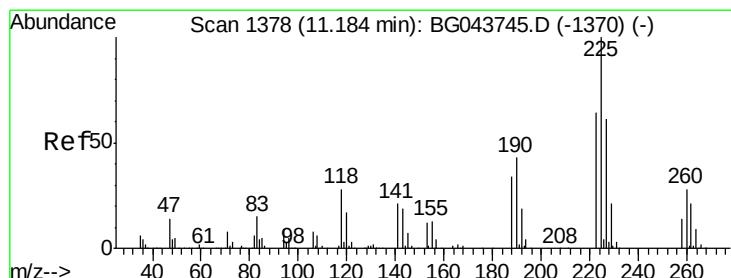
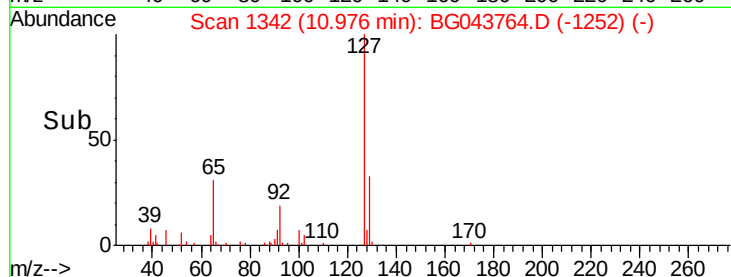
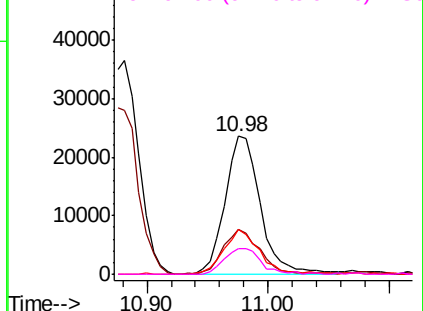
#33  
4-Chloroaniline  
Concen: 9.528 ng  
RT: 10.98 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: BG043764.D  
Acq: 23 Nov 2019 20:16

Instrument :  
BNA\_G  
ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:127 | Resp: | 47978     |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 32.8  | 25.9 38.9 |
| 65          | 32.2  | 25.8 38.8 |
| 92          | 19.0  | 15.8 23.6 |

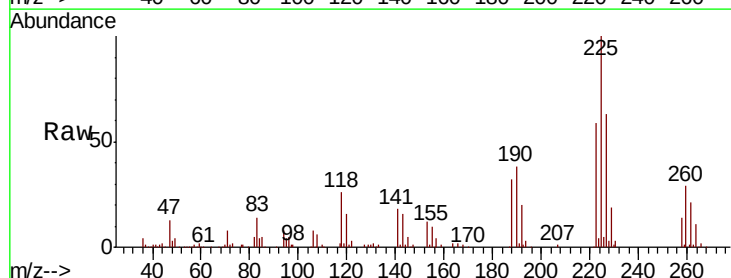


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

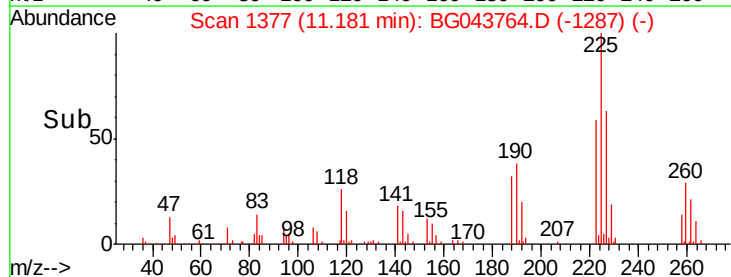
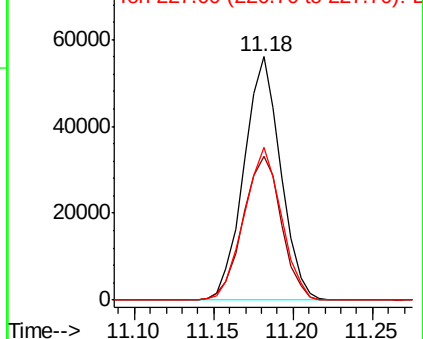


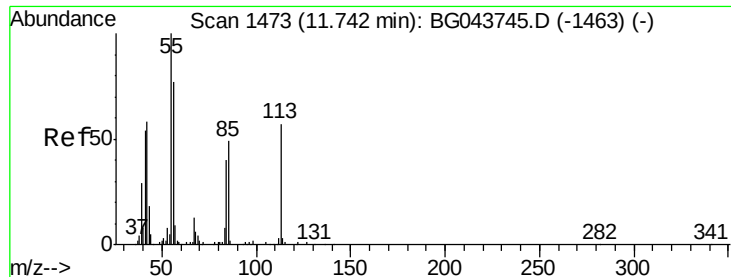
#34  
Hexachlorobutadiene  
Concen: 34.451 ng  
RT: 11.18 min Scan# 1377  
Delta R.T. -0.00 min  
Lab File: BG043764.D  
Acq: 23 Nov 2019 20:16

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 90051     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 59.1  | 51.2 76.8 |
| 227         | 62.9  | 51.0 76.4 |



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

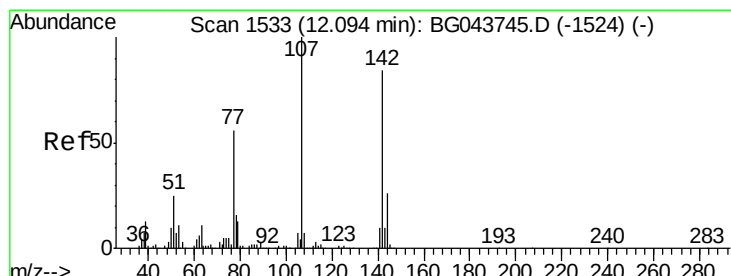
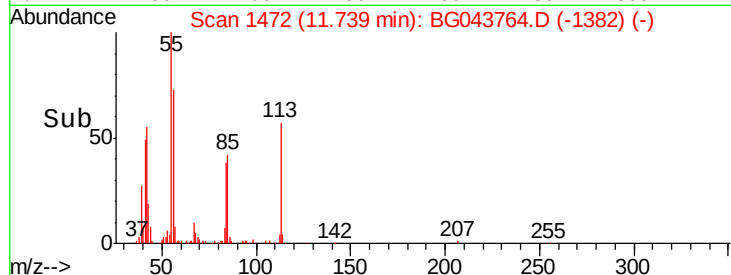
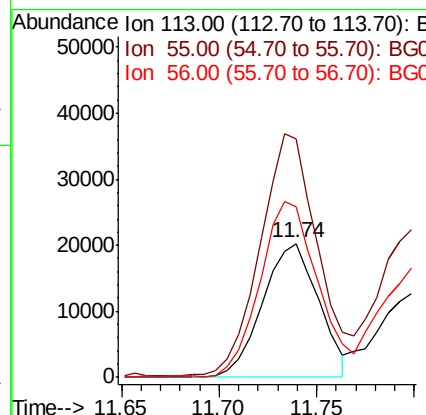
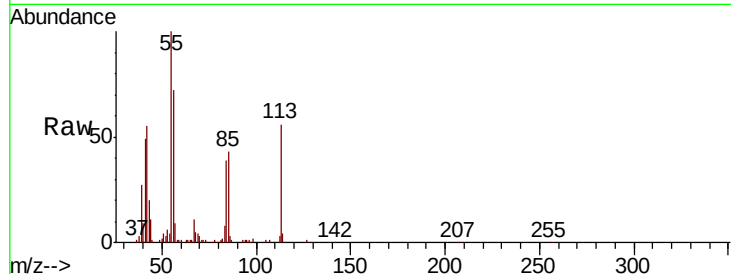




#35  
 Caprolactam  
 Concen: 29.145 ng  
 RT: 11.74 min Scan# 1472  
 Delta R.T. -0.00 min  
 Lab File: BG043764.D  
 Acq: 23 Nov 2019 20:16

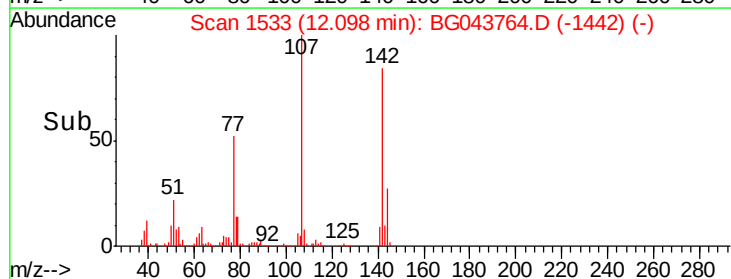
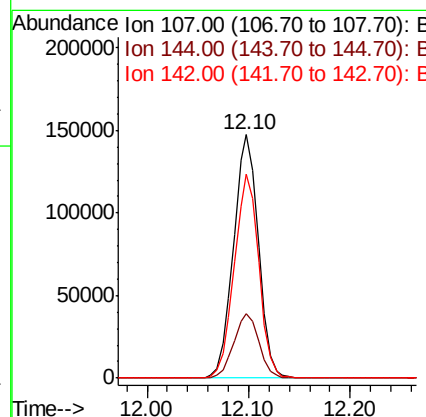
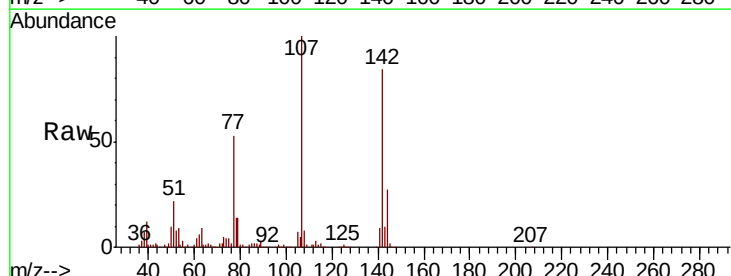
Instrument :  
 BNA\_G  
 ClientSampled :

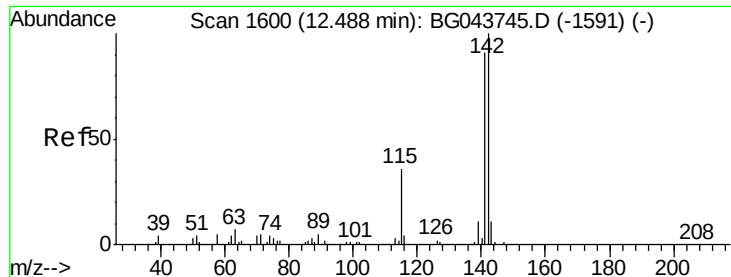
Tot Ion:113 Resp: 40200  
 Ion Ratio Lower Upper  
 113 100  
 55 178.2 160.9 200.9  
 56 127.7 116.8 156.8



#36  
 4-Chloro-3-methylphenol  
 Concen: 65.752 ng  
 RT: 12.10 min Scan# 1533  
 Delta R.T. 0.00 min  
 Lab File: BG043764.D  
 Acq: 23 Nov 2019 20:16

Tgt Ion:107 Resp: 250654  
 Ion Ratio Lower Upper  
 107 100  
 144 26.7 21.0 31.4  
 142 83.9 67.0 100.4

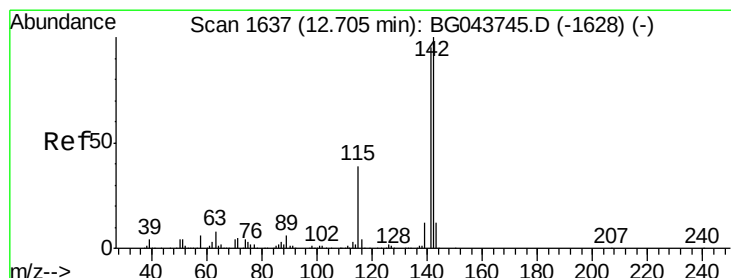
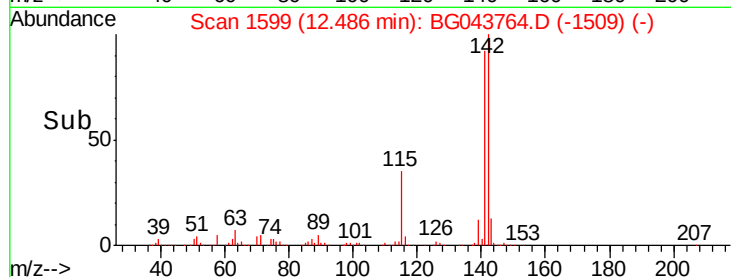
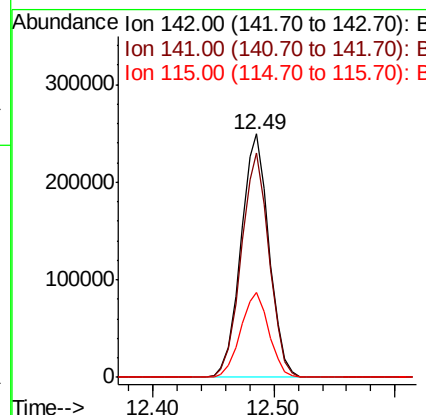
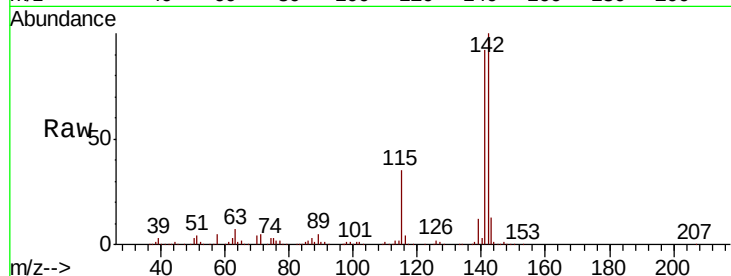




#37  
2-Methylnaphthalene  
Concen: 51.260 ng  
RT: 12.49 min Scan# 1599  
Delta R.T. -0.00 min  
Lab File: BG043764.D  
Acq: 23 Nov 2019 20:16

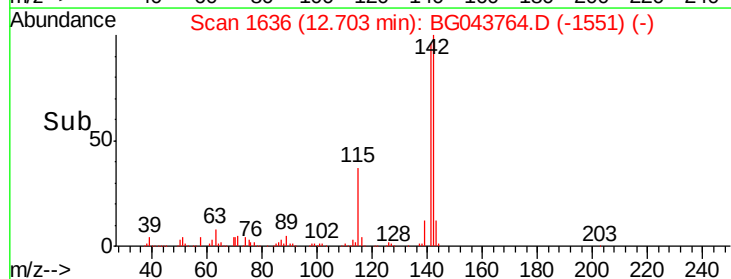
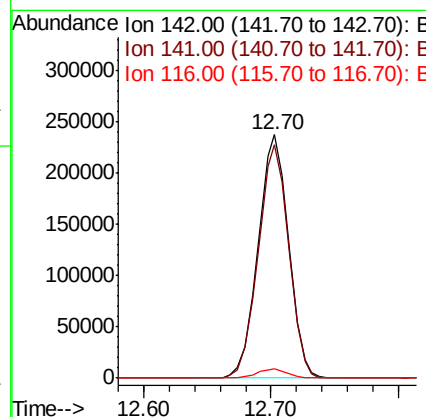
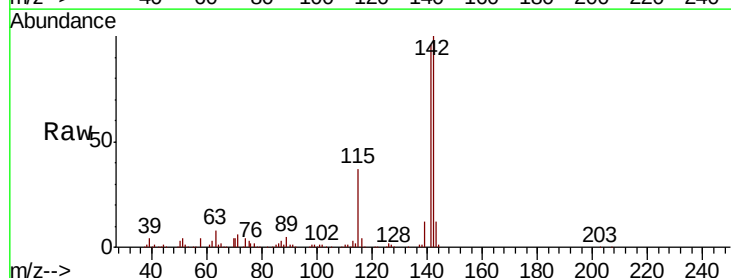
Instrument :  
BNA\_G  
ClientSampleId :

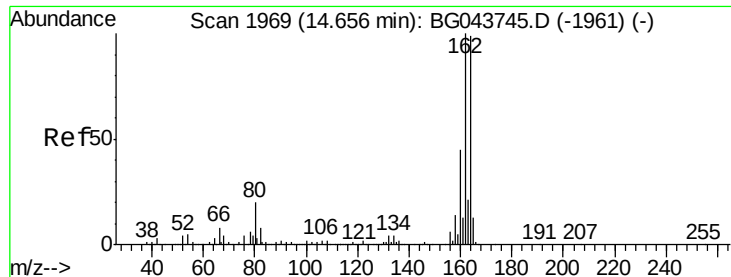
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.1  | 72.8  | 109.2 |
| 115     | 35.0  | 28.9  | 43.3  |



#38  
1-Methylnaphthalene  
Concen: 53.284 ng  
RT: 12.70 min Scan# 1636  
Delta R.T. -0.00 min  
Lab File: BG043764.D  
Acq: 23 Nov 2019 20:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 96.1  | 75.8  | 113.8 |
| 116     | 3.9   | 3.4   | 5.0   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

Instrument :

BNA\_G

ClientSampleId :

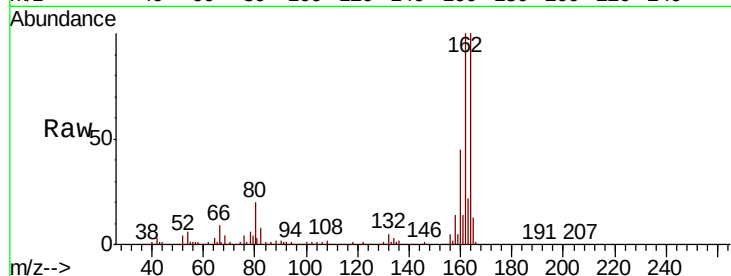
Tot Ion:164 Resp: 198530

Ion Ratio Lower Upper

164 100

162 99.7 80.6 121.0

160 44.7 36.3 54.5

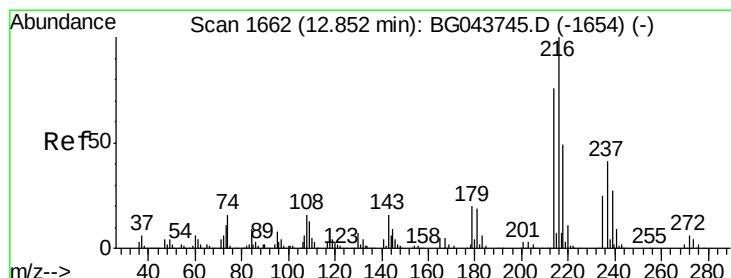
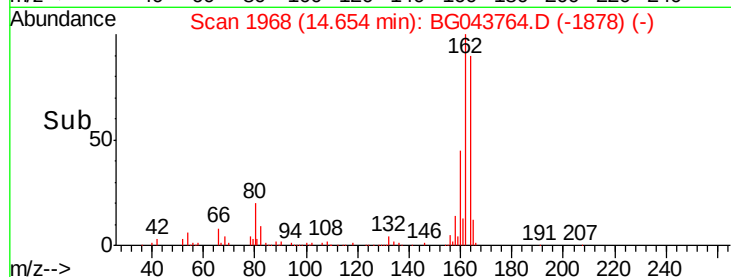
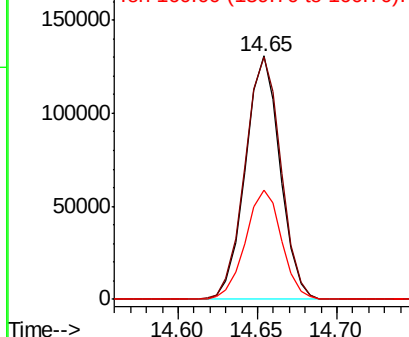


Abundance

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: 35.851 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

Tgt Ion:216 Resp: 226474

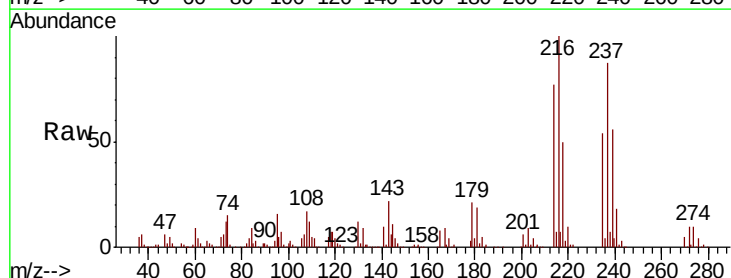
Ion Ratio Lower Upper

216 100

214 76.0 62.0 93.0

179 19.9 16.3 24.5

108 17.8 13.0 19.6



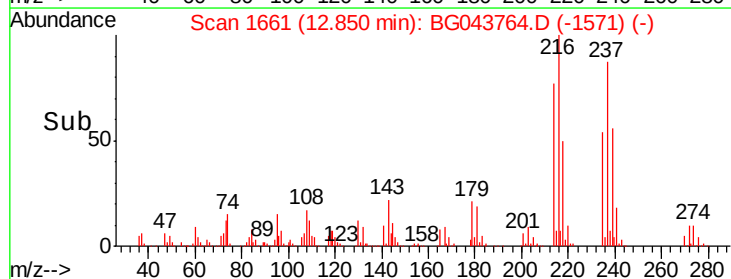
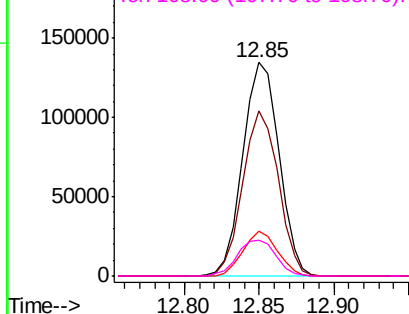
Abundance

Ion 216.00 (215.70 to 216.70): E

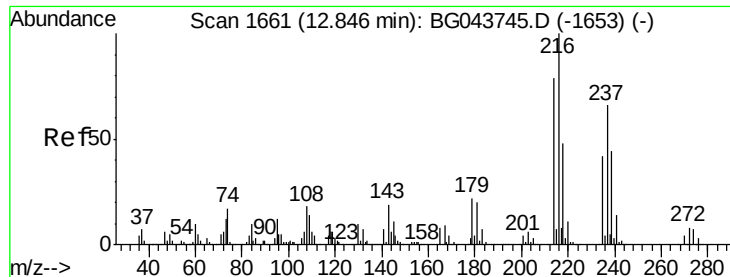
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 72.597 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

Instrument :

BNA\_G

ClientSampleId :

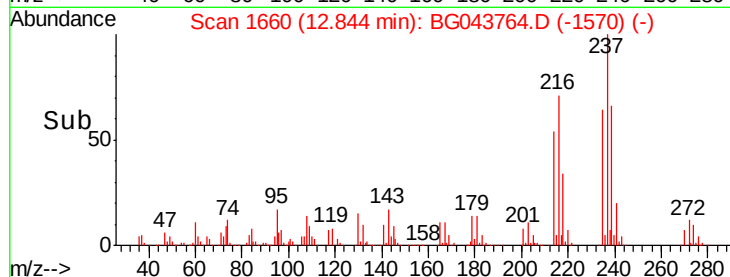
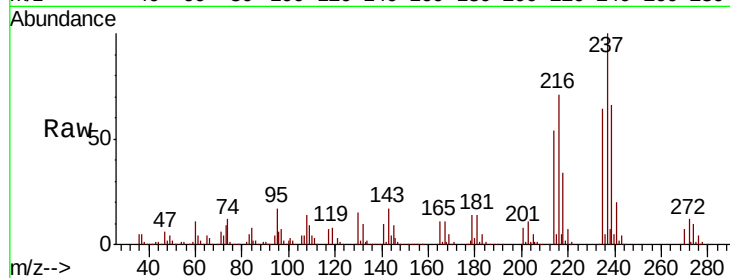
Tot Ion:237 Resp: 247775

Ion Ratio Lower Upper

237 100

235 63.6 43.8 83.8

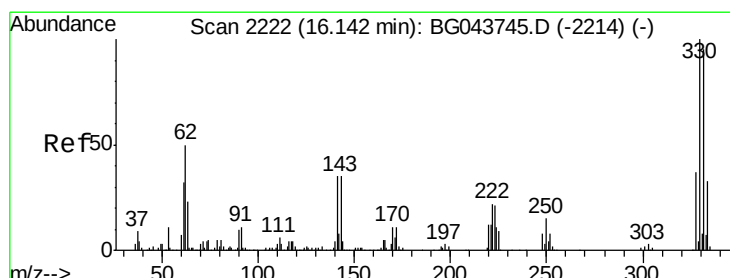
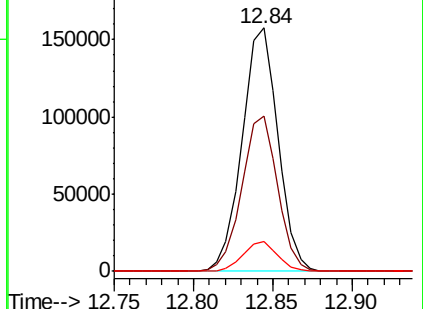
272 12.1 0.0 31.8



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 156.988 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

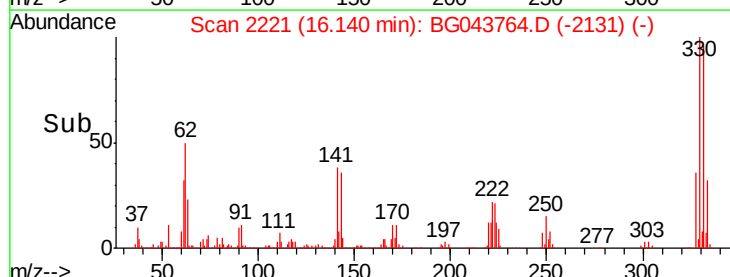
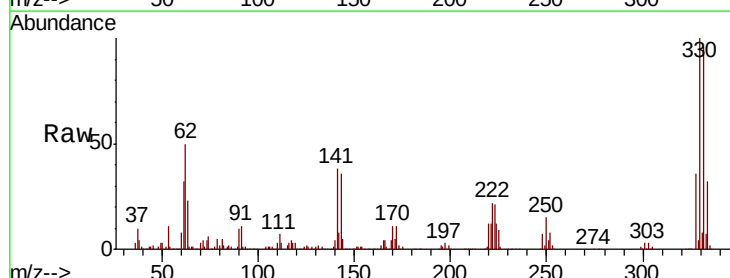
Tgt Ion:330 Resp: 375919

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

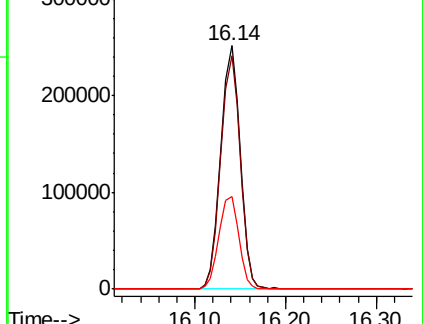
141 39.0 31.4 47.2

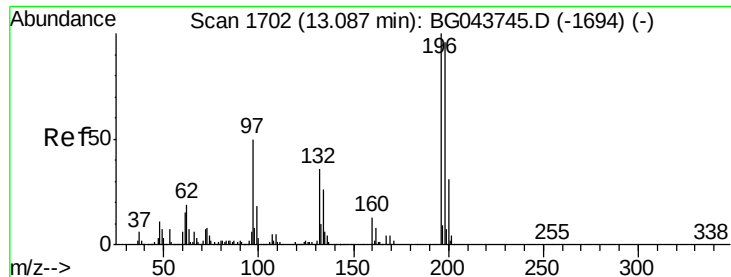


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

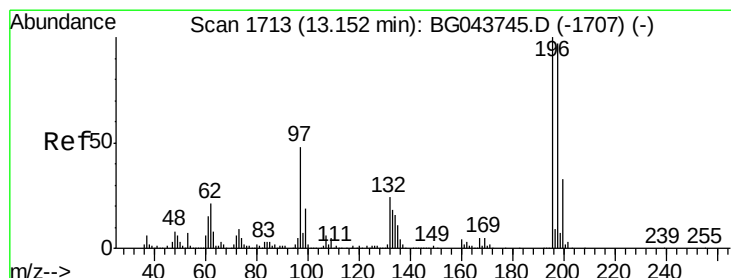
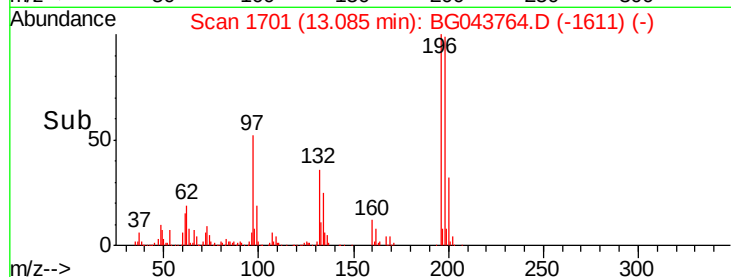
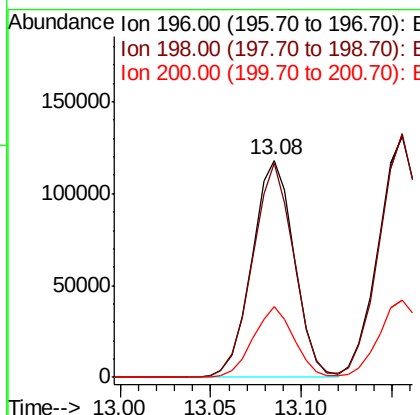
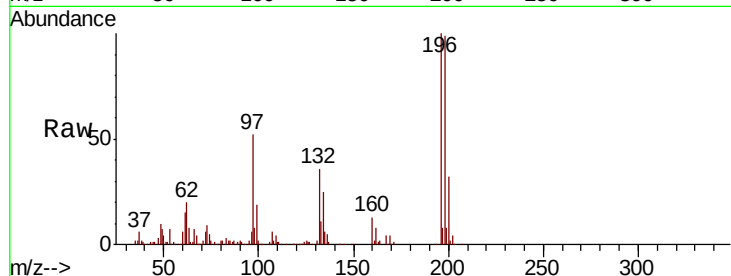




#43  
2,4,6-Trichlorophenol  
Concen: 46.934 ng  
RT: 13.08 min Scan# 1701  
Delta R.T. -0.00 min  
Lab File: BG043764.D  
Acq: 23 Nov 2019 20:16

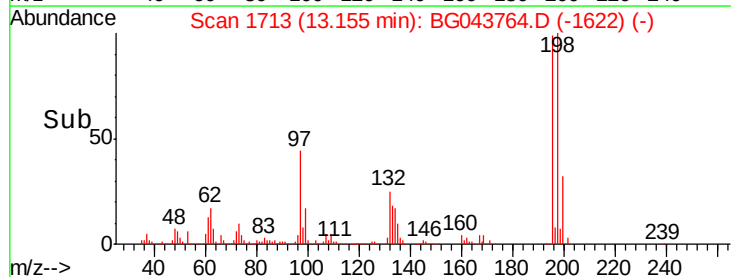
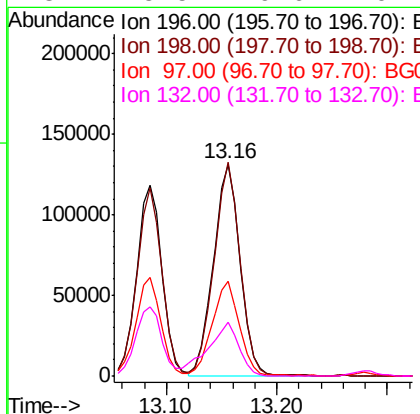
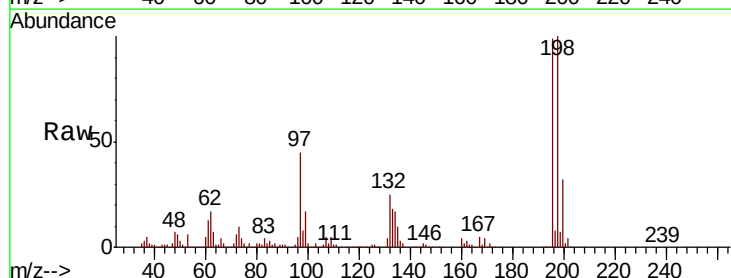
Instrument :  
BNA\_G  
ClientSampleId :

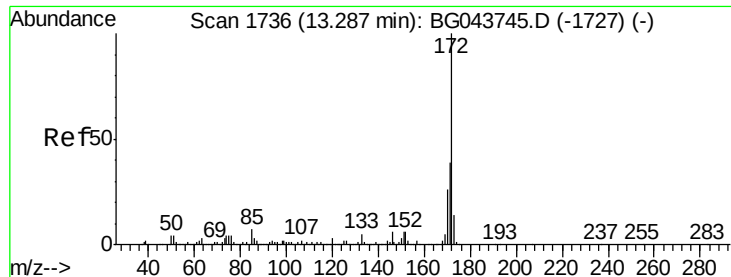
| Tot Ion   | 196   | Resp  | 190687 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 98.5  | 76.5  | 114.7  |
| 200       | 32.3  | 24.6  | 36.8   |



#44  
2,4,5-Trichlorophenol  
Concen: 51.741 ng  
RT: 13.16 min Scan# 1713  
Delta R.T. 0.00 min  
Lab File: BG043764.D  
Acq: 23 Nov 2019 20:16

| Tgt Ion   | 196   | Resp  | 218695 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 100.9 | 78.2  | 117.2  |
| 97        | 45.1  | 39.1  | 58.7   |
| 132       | 25.5  | 19.6  | 29.4   |

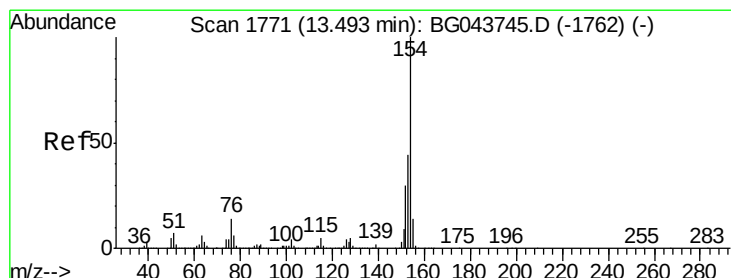
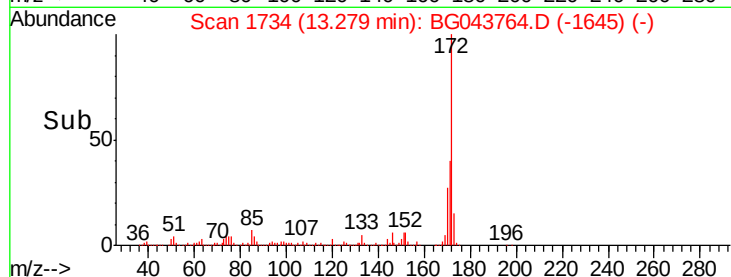
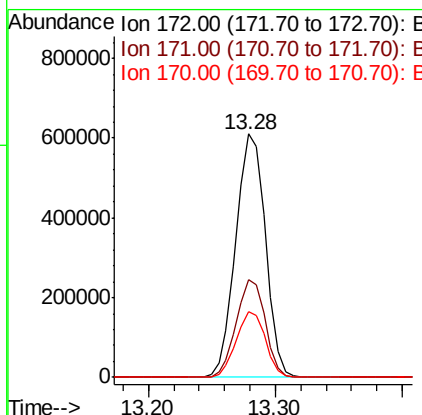
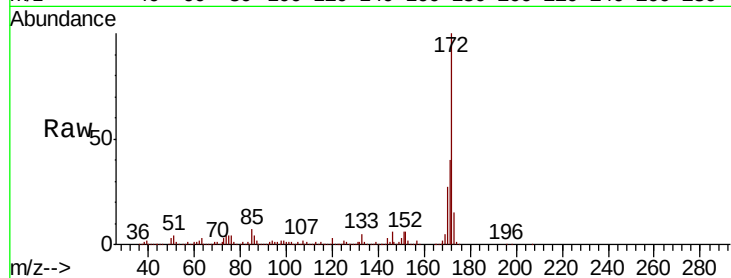




#45  
2-Fluorobiphenyl  
Concen: 81.922 ng  
RT: 13.28 min Scan# 1734  
Delta R.T. -0.01 min  
Lab File: BG043764.D  
Acq: 23 Nov 2019 20:16

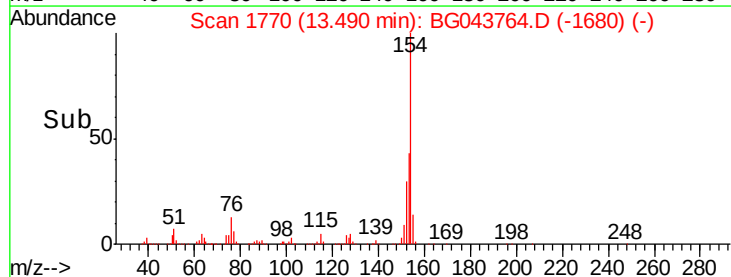
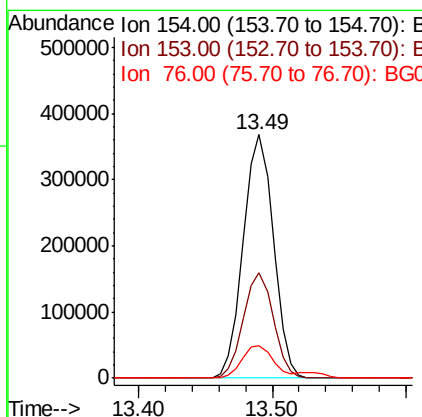
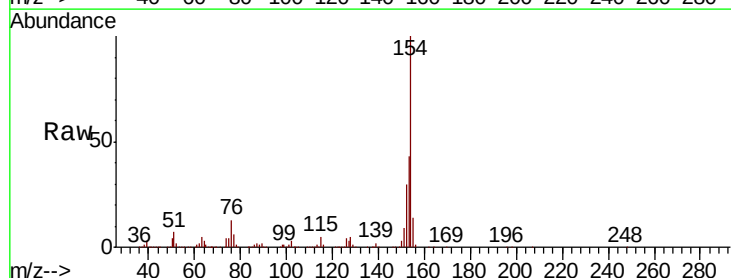
Instrument :  
BNA\_G  
ClientSampleId :

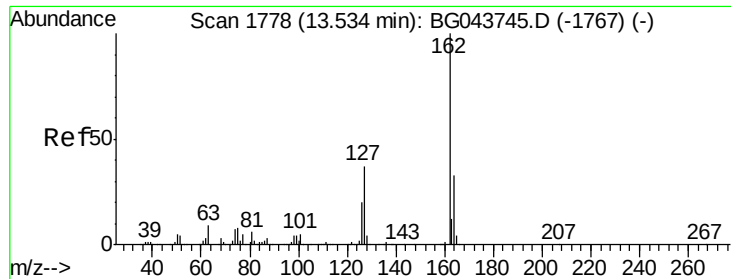
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 40.1  | 31.0  | 46.6  |
| 170     | 27.2  | 21.0  | 31.4  |



#46  
1,1'-Biphenyl  
Concen: 41.651 ng  
RT: 13.49 min Scan# 1770  
Delta R.T. -0.00 min  
Lab File: BG043764.D  
Acq: 23 Nov 2019 20:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 43.3  | 23.5  | 63.5  |
| 76      | 13.2  | 0.0   | 33.6  |

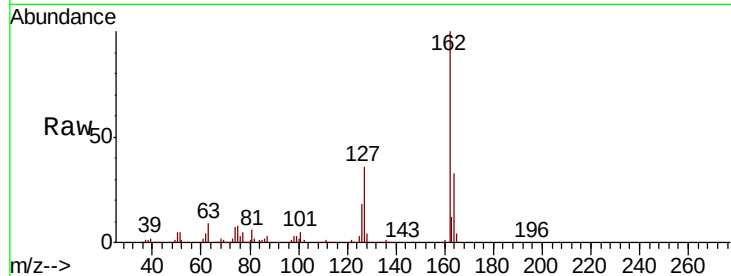




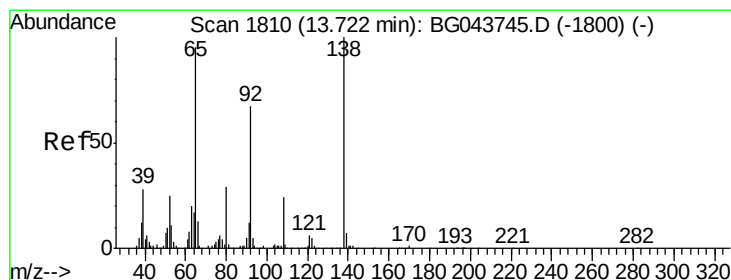
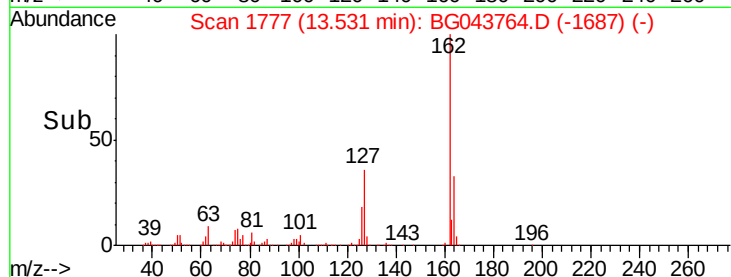
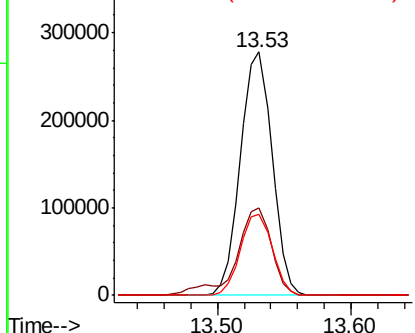
#47  
2-Chloronaphthalene  
Concen: 40.794 ng  
RT: 13.53 min Scan# 1777  
Delta R.T. -0.00 min  
Lab File: BG043764.D  
Acq: 23 Nov 2019 20:16

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 35.9  | 30.0  | 45.0  |
| 164     | 33.5  | 26.4  | 39.6  |

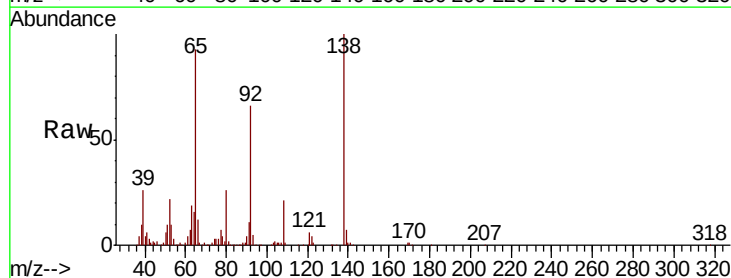


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

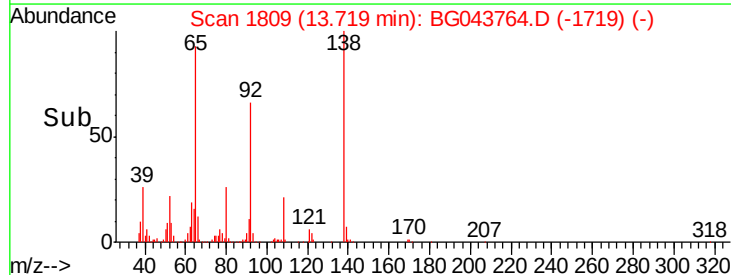
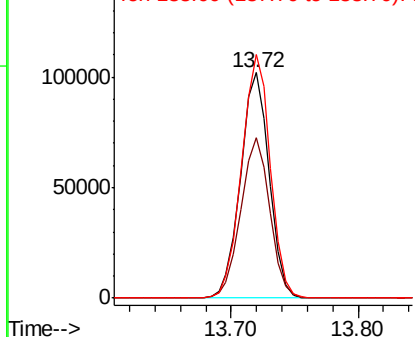


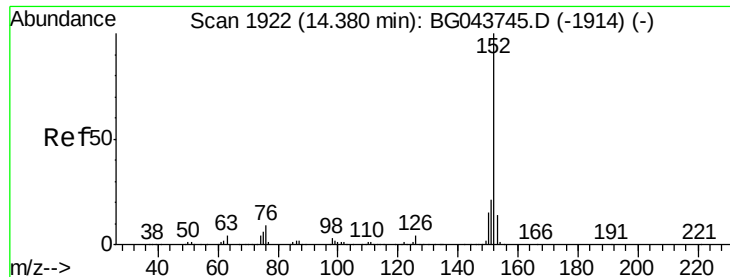
#48  
2-Nitroaniline  
Concen: 48.612 ng  
RT: 13.72 min Scan# 1809  
Delta R.T. -0.00 min  
Lab File: BG043764.D  
Acq: 23 Nov 2019 20:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 70.9  | 56.1  | 84.1  |
| 138     | 108.0 | 84.2  | 126.4 |



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: 46.281 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

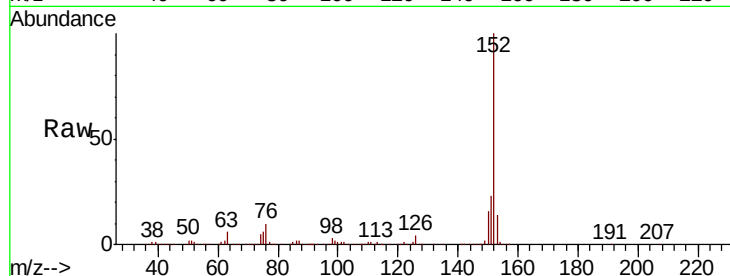
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:152 Resp: 817151

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 22.9  | 17.0  | 25.6  |
| 153 | 13.8  | 10.8  | 16.2  |

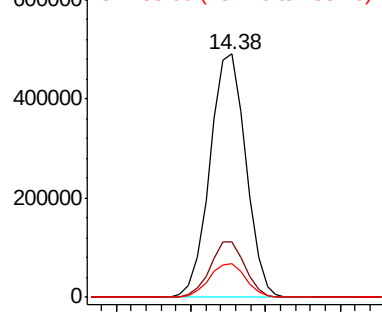


Abundance

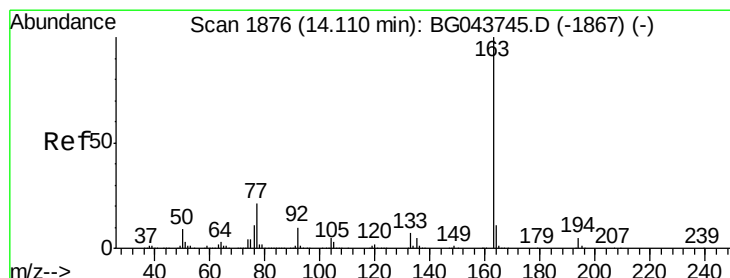
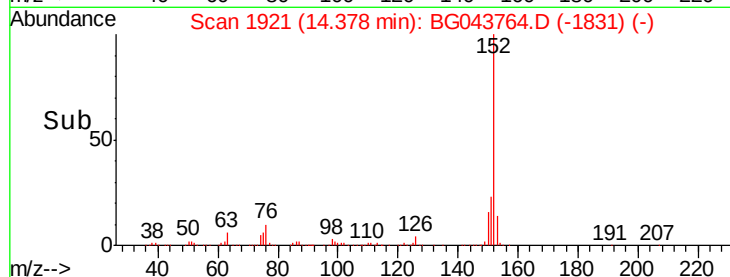
Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 47.763 ng

RT: 14.11 min Scan# 1875

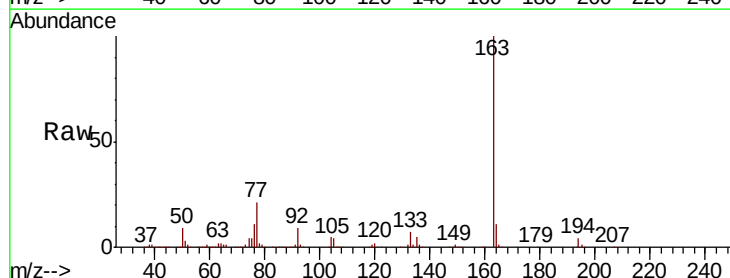
Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

Tgt Ion:163 Resp: 751164

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.5   | 3.7   | 5.5   |
| 164 | 11.3  | 8.7   | 13.1  |

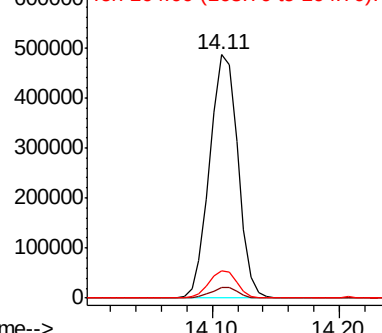


Abundance

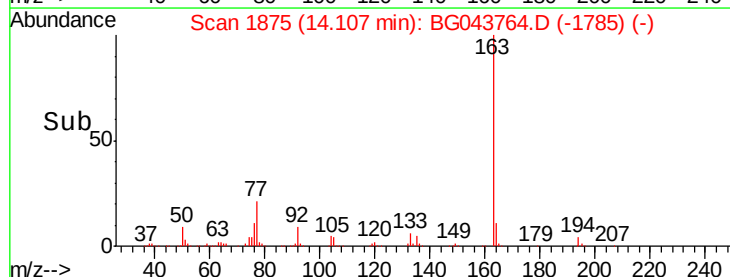
Ion 163.00 (162.70 to 163.70): E

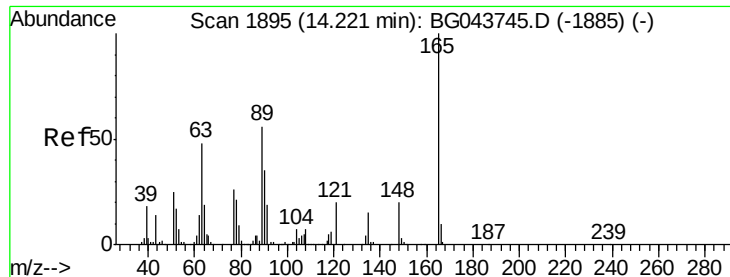
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->

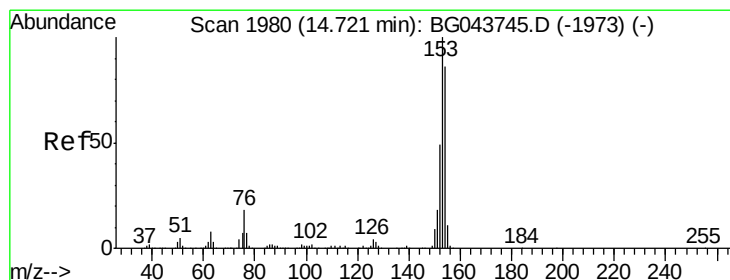
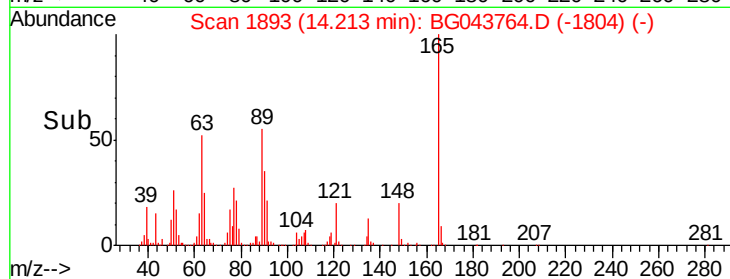
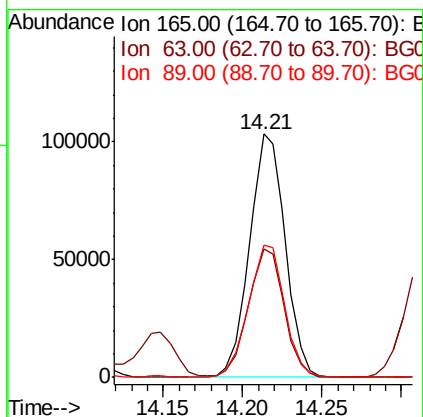
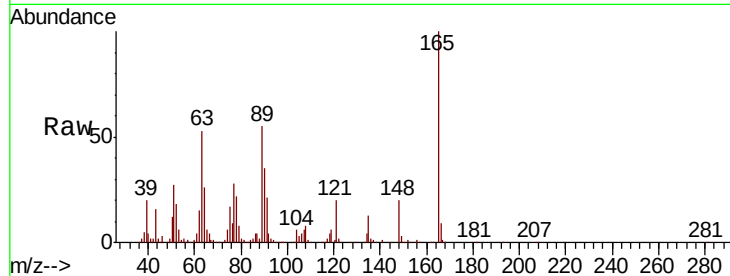




#51  
 2,6-Dinitrotoluene  
 Concen: 55.187 ng  
 RT: 14.21 min Scan# 1893  
 Delta R.T. -0.01 min  
 Lab File: BG043764.D  
 Acq: 23 Nov 2019 20:16

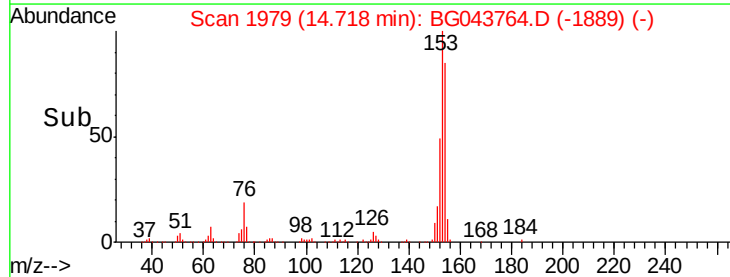
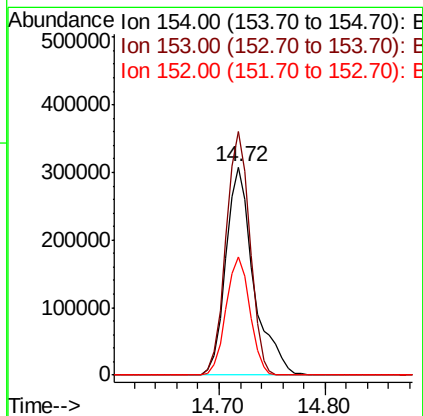
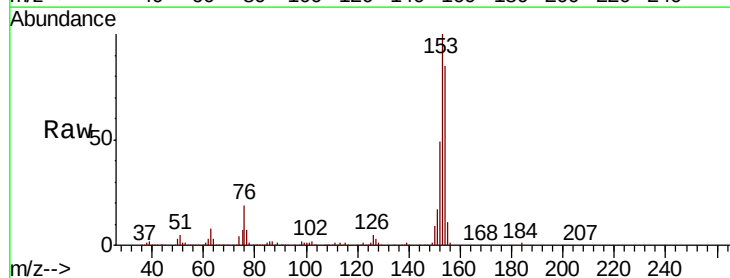
Instrument :  
 BNA\_G  
 ClientSampleId :

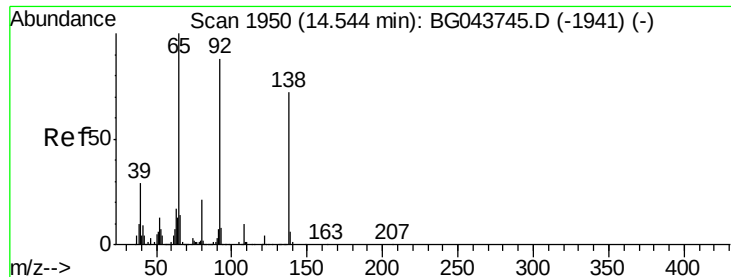
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 52.9  | 43.4  | 65.2  |
| 89      | 54.6  | 44.6  | 67.0  |



#52  
 Acenaphthene  
 Concen: 49.544 ng  
 RT: 14.72 min Scan# 1979  
 Delta R.T. -0.00 min  
 Lab File: BG043764.D  
 Acq: 23 Nov 2019 20:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 117.1 | 92.9  | 139.3 |
| 152     | 56.9  | 45.2  | 67.8  |

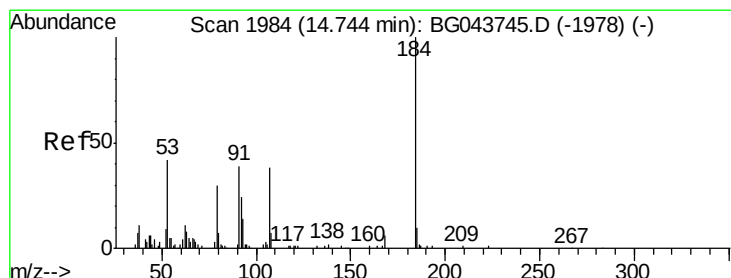
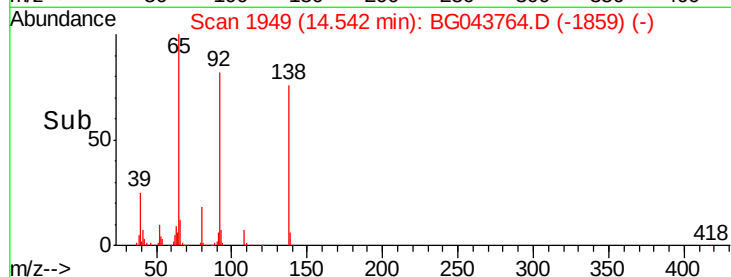
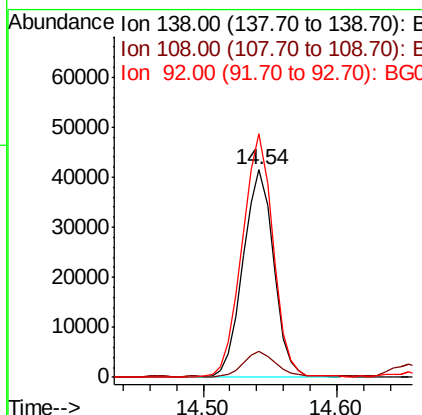
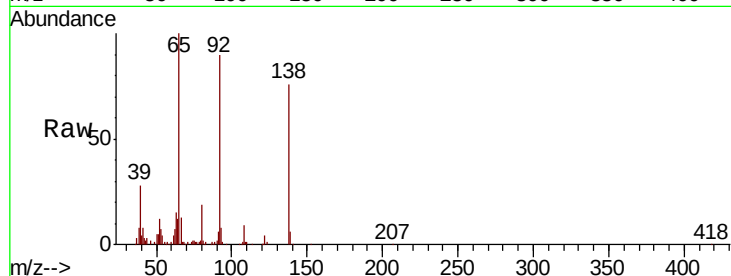




#53  
3-Nitroaniline  
Concen: 19.418 ng  
RT: 14.54 min Scan# 1949  
Delta R.T. -0.00 min  
Lab File: BG043764.D  
Acq: 23 Nov 2019 20:16

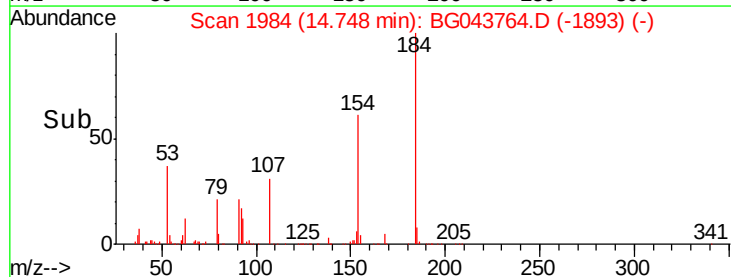
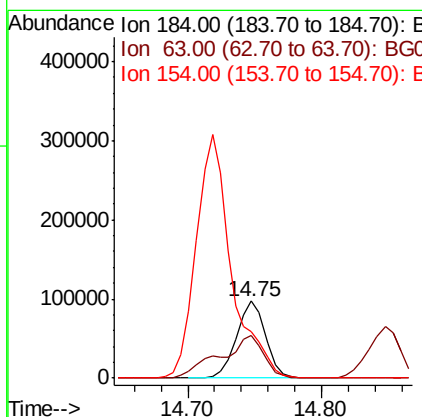
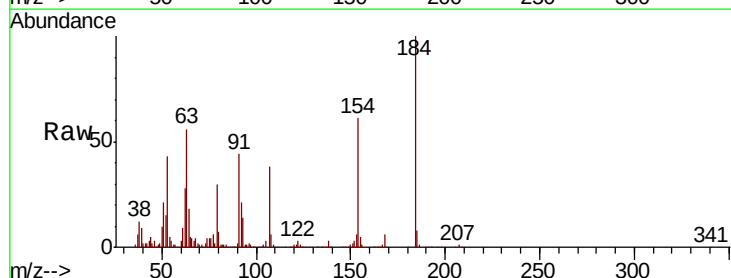
Instrument :  
BNA\_G  
ClientSampleId :

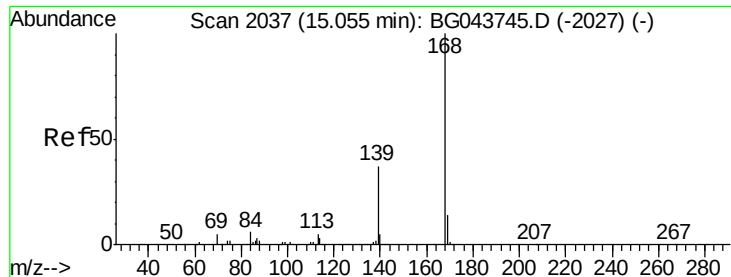
Tot Ion:138 Resp: 66241  
Ion Ratio Lower Upper  
138 100  
108 12.3 11.7 17.5  
92 117.3 97.2 145.8



#54  
2,4-Dinitrophenol  
Concen: 122.339 ng  
RT: 14.75 min Scan# 1984  
Delta R.T. 0.00 min  
Lab File: BG043764.D  
Acq: 23 Nov 2019 20:16

Tgt Ion:184 Resp: 145981  
Ion Ratio Lower Upper  
184 100  
63 56.2 52.4 78.6  
154 60.7 92.8 139.2#

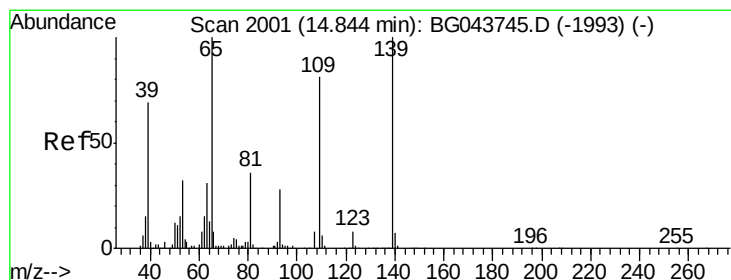
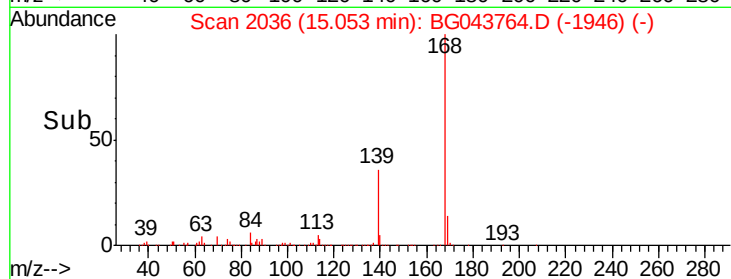
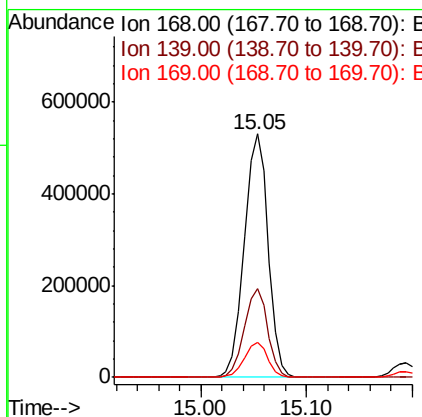
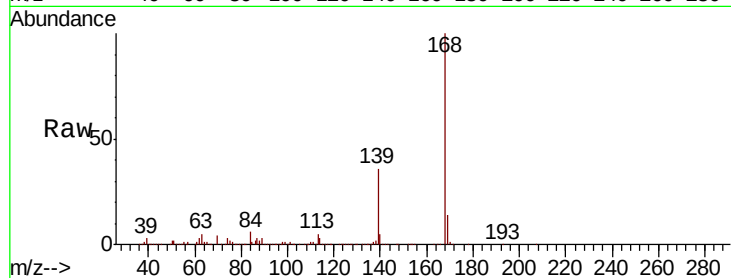




#55  
Dibenzenofuran  
Concen: 47.047 ng  
RT: 15.05 min Scan# 2036  
Delta R.T. -0.00 min  
Lab File: BG043764.D  
Acq: 23 Nov 2019 20:16

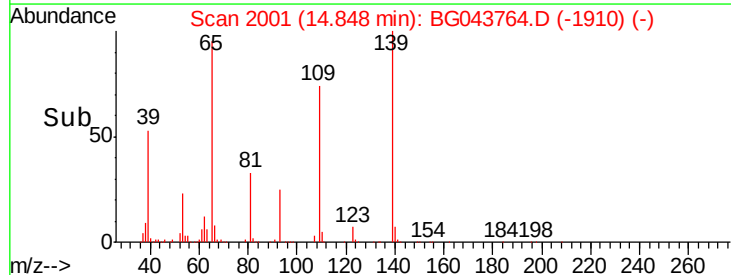
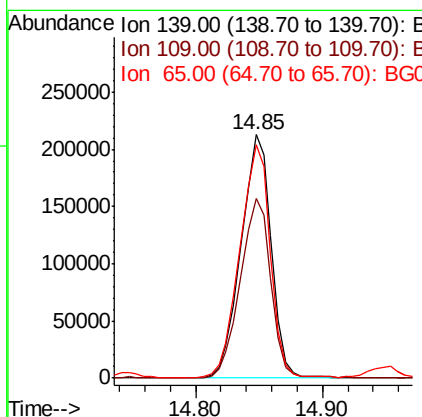
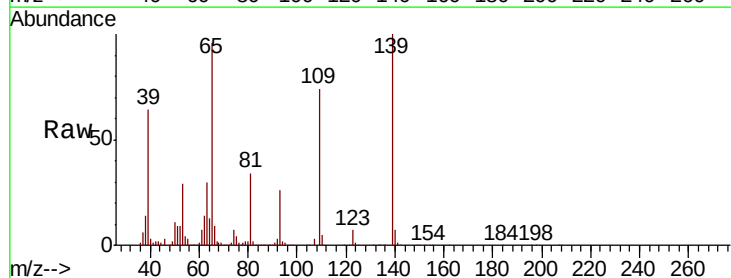
Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 36.3  | 29.4  | 44.2  |
| 169     | 14.4  | 11.3  | 16.9  |

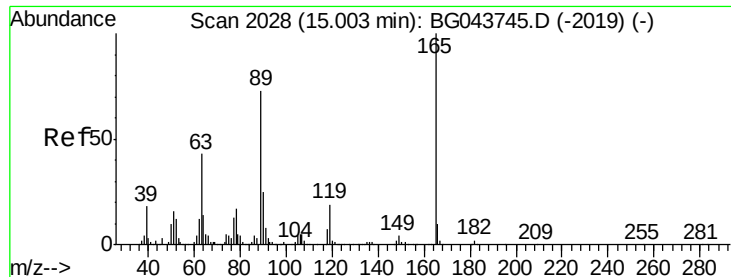


#56  
4-Nitrophenol  
Concen: 122.443 ng  
RT: 14.85 min Scan# 2001  
Delta R.T. 0.00 min  
Lab File: BG043764.D  
Acq: 23 Nov 2019 20:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 73.8  | 61.4  | 101.4 |
| 65      | 96.0  | 80.3  | 120.3 |



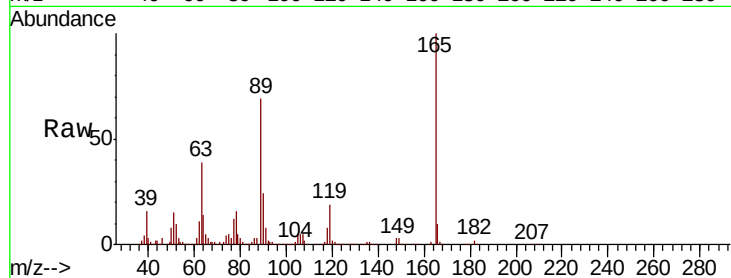




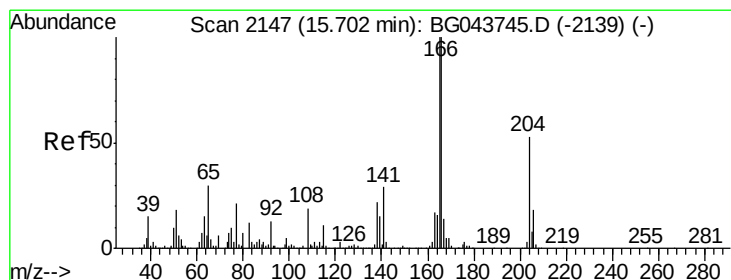
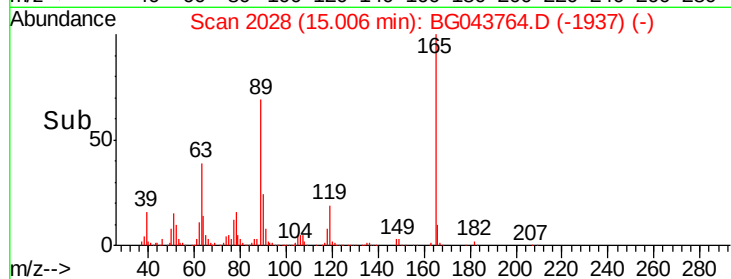
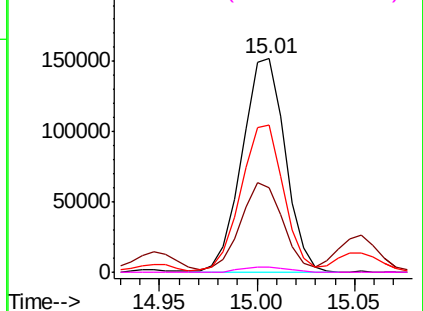
#57  
 2,4-Dinitrotoluene  
 Concen: 57.247 ng  
 RT: 15.01 min Scan# 2028  
 Delta R.T. 0.00 min  
 Lab File: BG043764.D  
 Acq: 23 Nov 2019 20:16

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion:165 | Resp: | 231871      |
|-------------|-------|-------------|
| Ion         | Ratio | Lower Upper |
| 165         | 100   |             |
| 63          | 39.3  | 34.6 51.8   |
| 89          | 69.2  | 58.3 87.5   |
| 182         | 2.4   | 1.9 2.9     |

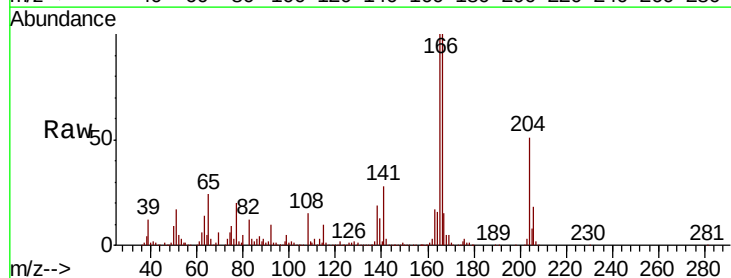


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 89.00 (88.70 to 89.70): BG  
 Ion 182.00 (181.70 to 182.70): E

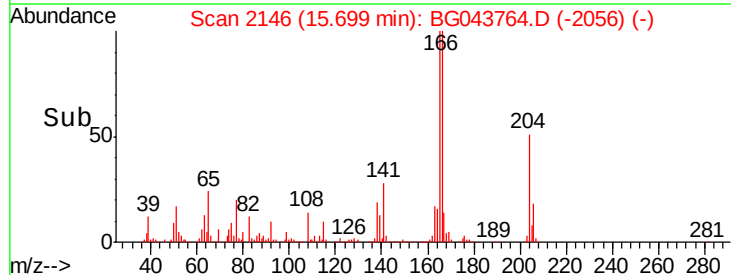
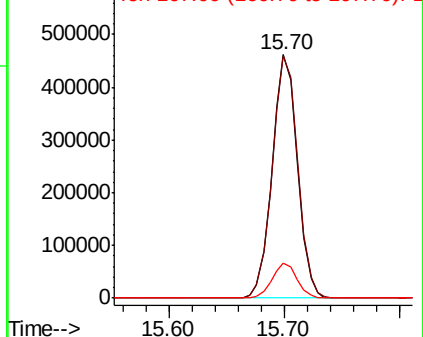


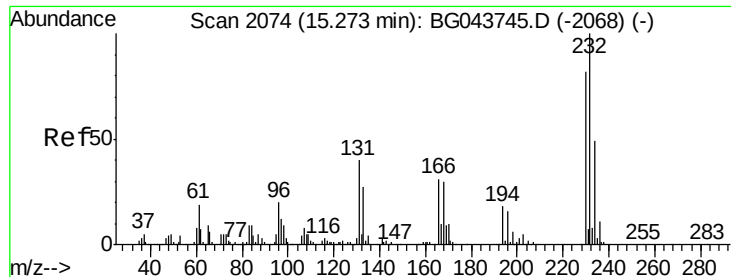
#58  
 Fluorene  
 Concen: 48.571 ng  
 RT: 15.70 min Scan# 2146  
 Delta R.T. -0.00 min  
 Lab File: BG043764.D  
 Acq: 23 Nov 2019 20:16

| Tgt Ion:166 | Resp: | 700666      |
|-------------|-------|-------------|
| Ion         | Ratio | Lower Upper |
| 166         | 100   |             |
| 165         | 99.7  | 79.9 119.9  |
| 167         | 14.6  | 11.4 17.0   |



Abundance Ion 166.00 (165.70 to 166.70): E  
 Ion 165.00 (164.70 to 165.70): E  
 Ion 167.00 (166.70 to 167.70): E

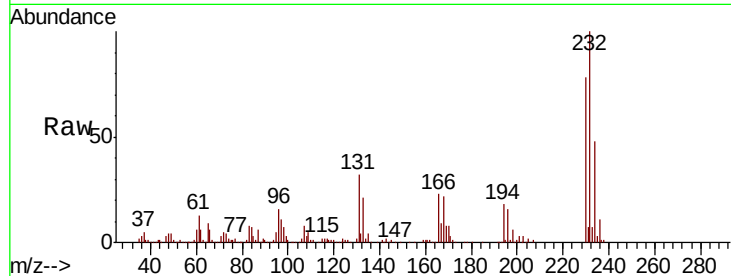




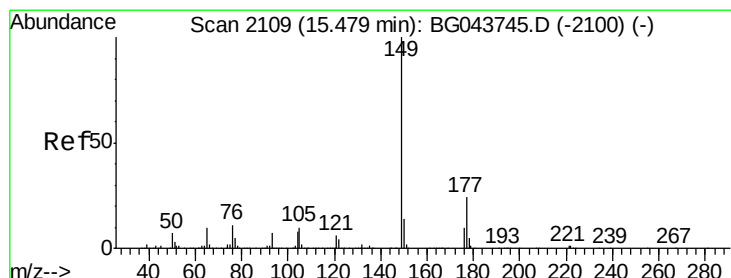
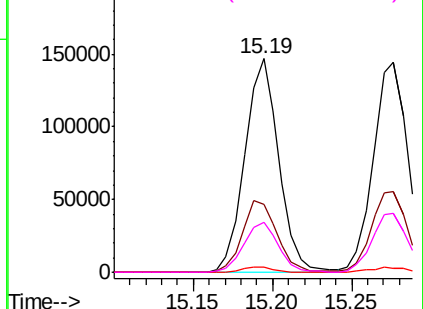
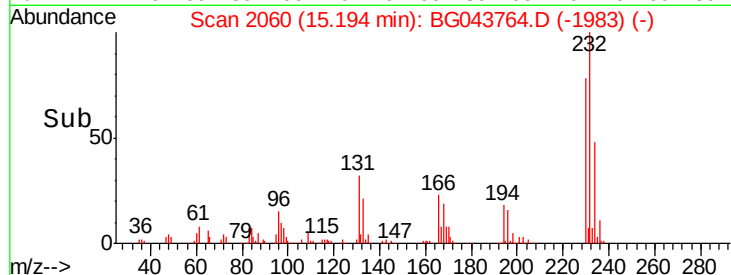
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 51.245 ng  
 RT: 15.19 min Scan# 2060  
 Delta R.T. -0.08 min  
 Lab File: BG043764.D  
 Acq: 23 Nov 2019 20:16

Instrument :  
 BNA\_G  
 ClientSampled :

|             |       |        |  |
|-------------|-------|--------|--|
| Tot Ion:232 | Resp: | 217548 |  |
| Ion Ratio   | Lower | Upper  |  |
| 232 100     |       |        |  |
| 131 34.3    | 27.0  | 40.6   |  |
| 130 2.4     | 1.6   | 2.4    |  |
| 166 23.8    | 18.2  | 27.2   |  |

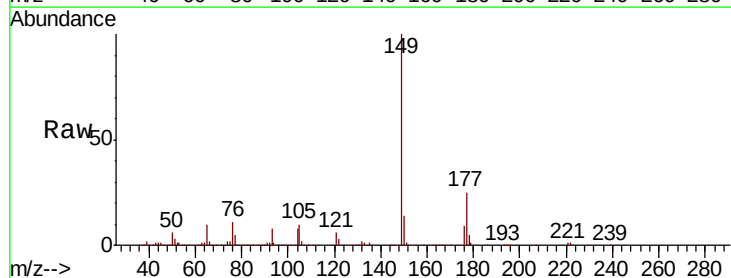


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

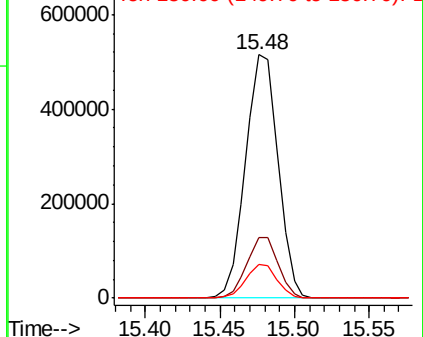
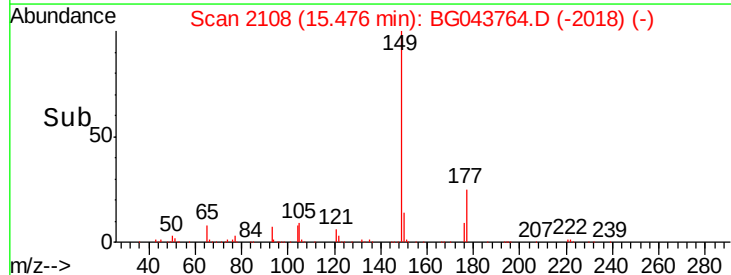


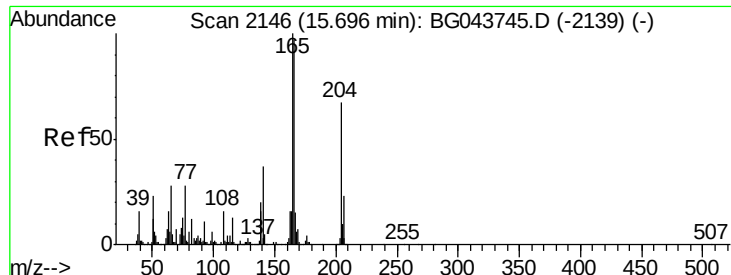
#60  
 Diethylphthalate  
 Concen: 48.983 ng  
 RT: 15.48 min Scan# 2108  
 Delta R.T. -0.00 min  
 Lab File: BG043764.D  
 Acq: 23 Nov 2019 20:16

|             |              |
|-------------|--------------|
| Tgt Ion:149 | Resp: 774731 |
| Ion Ratio   | Lower Upper  |
| 149 100     |              |
| 177 24.8    | 19.3 28.9    |
| 150 13.8    | 11.1 16.7    |



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

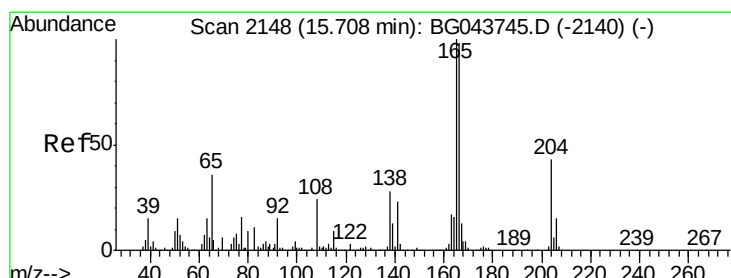
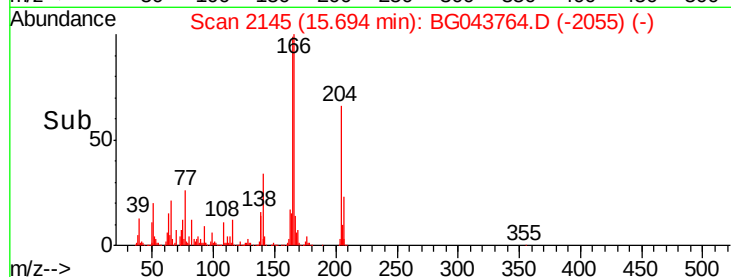
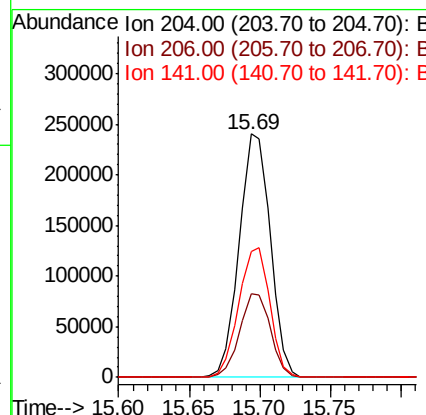
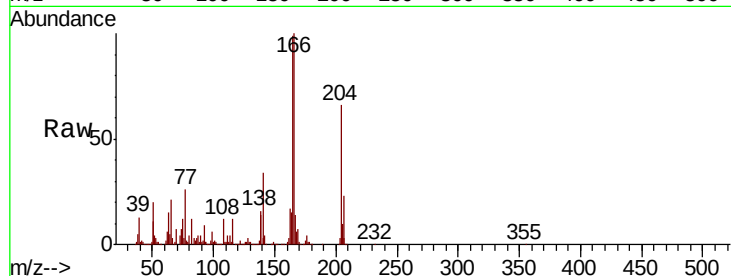




#61  
4-Chlorophenyl-phenylether  
Concen: 46.520 ng  
RT: 15.69 min Scan# 2145  
Delta R.T. -0.00 min  
Lab File: BG043764.D  
Acq: 23 Nov 2019 20:16

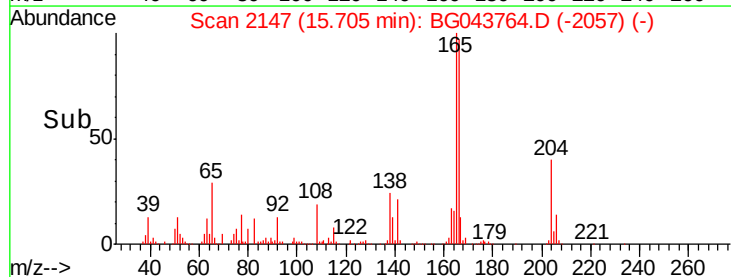
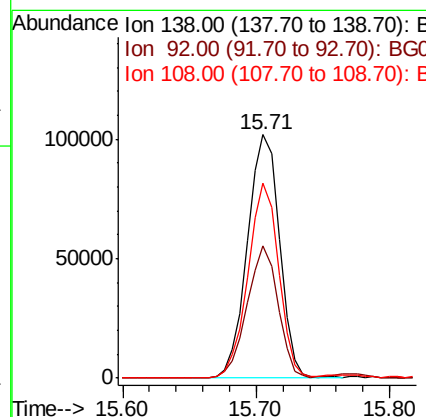
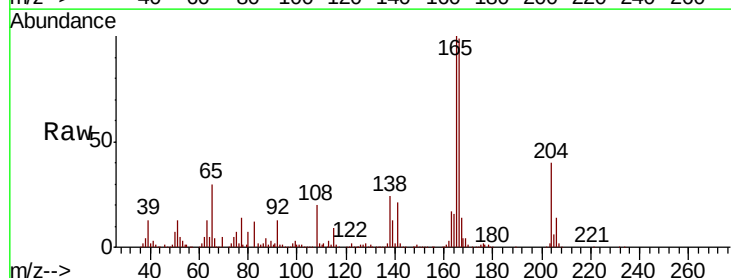
Instrument :  
BNA\_G  
ClientSampleId :

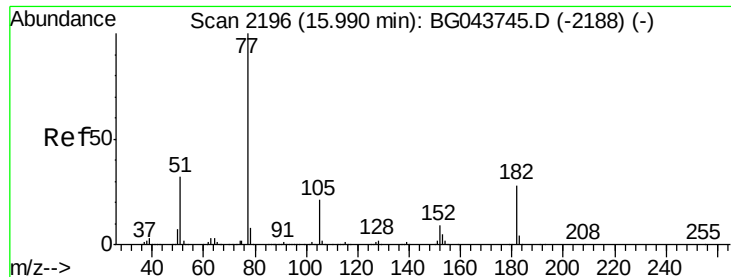
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.4  | 27.4  | 41.0  |
| 141     | 51.8  | 44.3  | 66.5  |



#62  
4-Nitroaniline  
Concen: 43.167 ng  
RT: 15.71 min Scan# 2147  
Delta R.T. -0.00 min  
Lab File: BG043764.D  
Acq: 23 Nov 2019 20:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 54.5  | 34.6  | 74.6  |
| 108     | 80.2  | 65.7  | 105.7 |





#63

Azobenzene

Concen: 47.333 ng

RT: 15.99 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 77 Resp: 700642

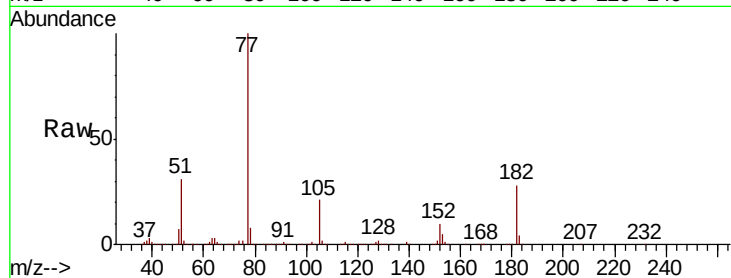
Ion Ratio Lower Upper

77 100

182 28.2 7.6 47.6

105 21.0 0.7 40.7

51 30.8 12.1 52.1

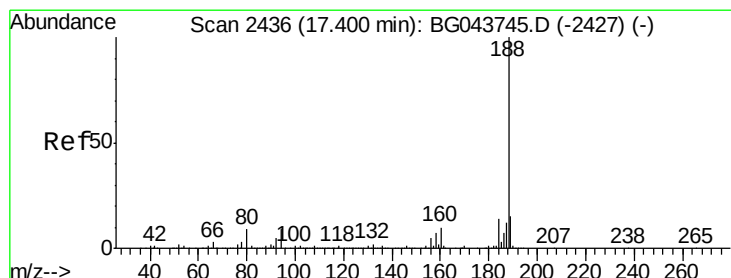
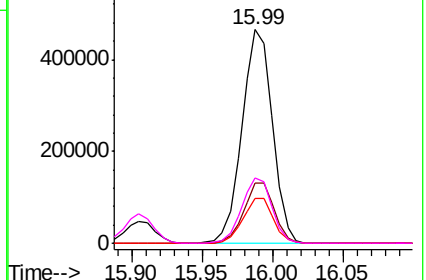
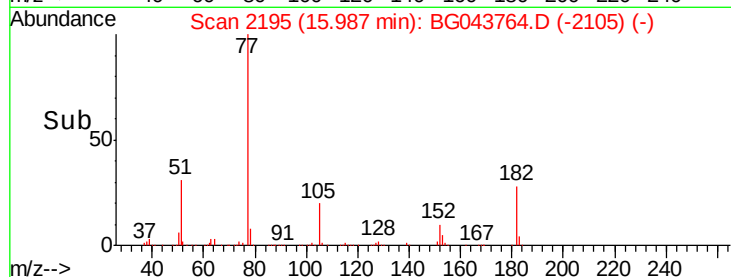


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.40 min Scan# 2435

Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

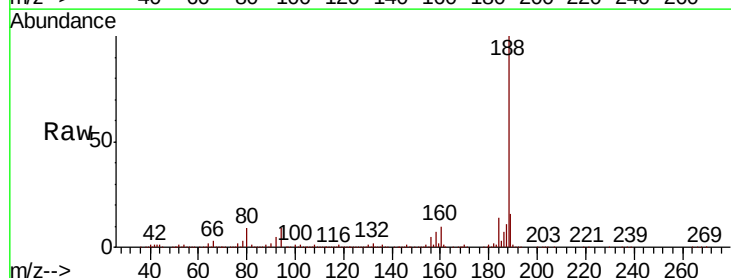
Tgt Ion: 188 Resp: 579629

Ion Ratio Lower Upper

188 100

94 8.7 6.9 10.3

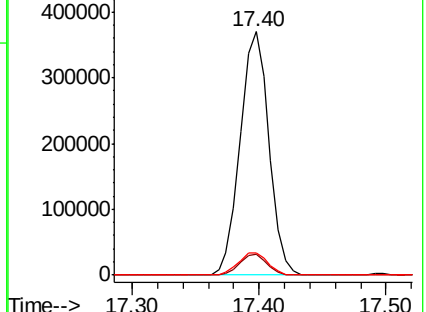
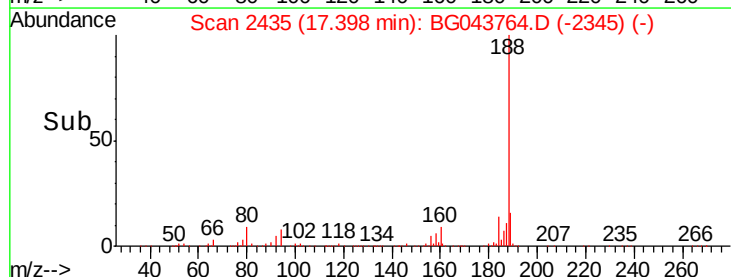
80 9.4 7.5 11.3

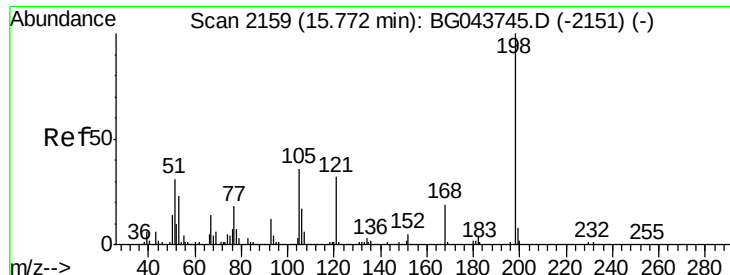


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

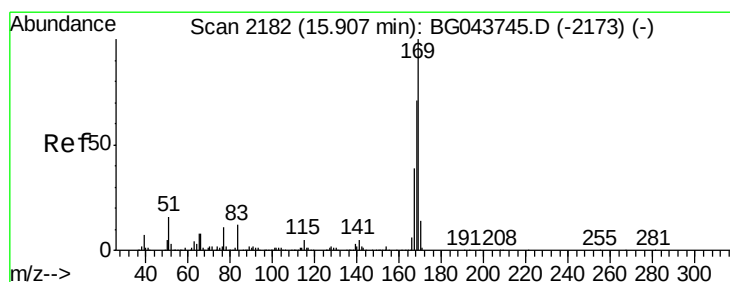
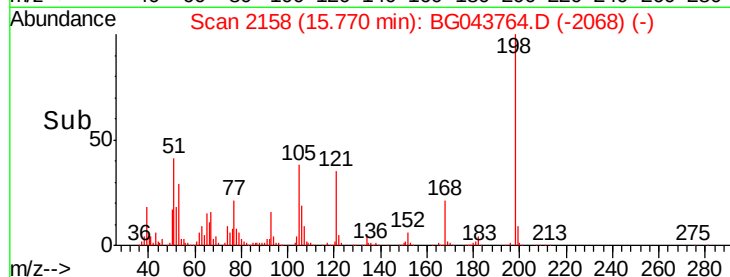
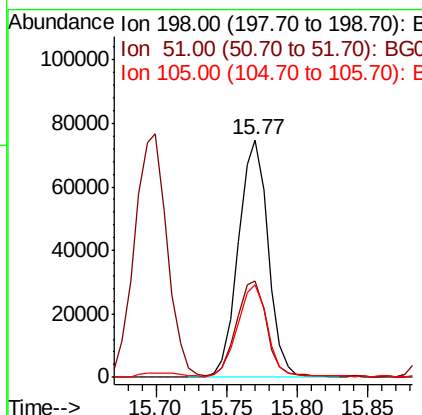
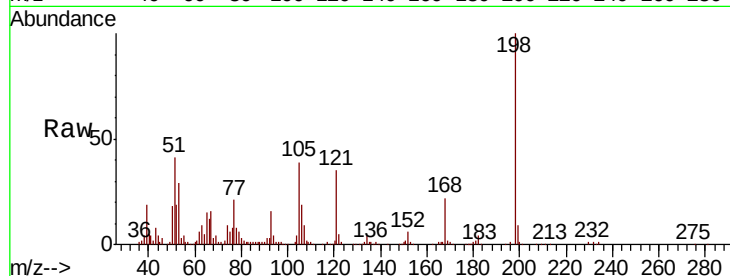




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 50.929 ng  
 RT: 15.77 min Scan# 2158  
 Delta R.T. -0.00 min  
 Lab File: BG043764.D  
 Acq: 23 Nov 2019 20:16

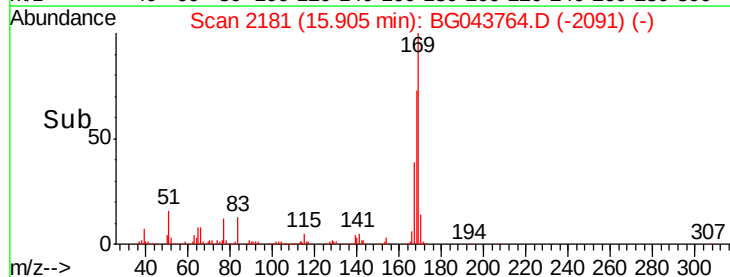
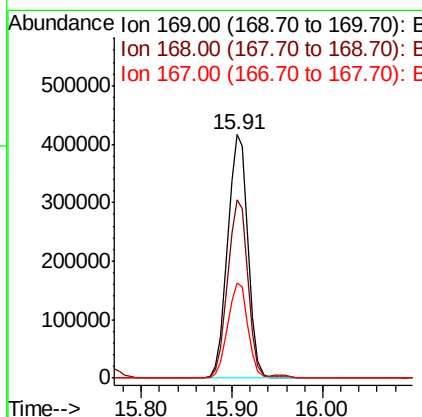
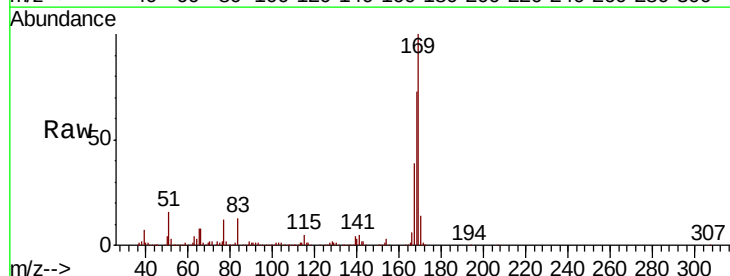
Instrument :  
 BNA\_G  
 ClientSampled :

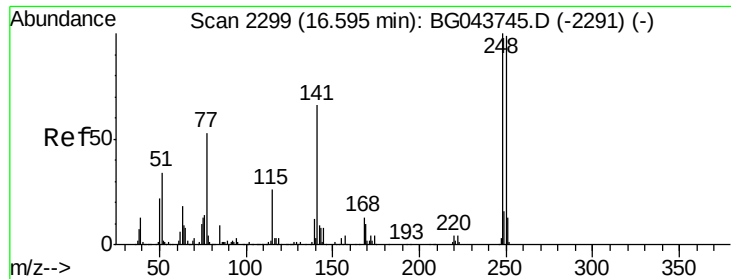
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 40.8  | 16.8  | 56.8  |
| 105     | 38.9  | 17.3  | 57.3  |



#66  
 n-Nitrosodiphenylamine  
 Concen: 42.018 ng  
 RT: 15.91 min Scan# 2181  
 Delta R.T. -0.00 min  
 Lab File: BG043764.D  
 Acq: 23 Nov 2019 20:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 73.3  | 56.6  | 85.0  |
| 167     | 39.3  | 30.8  | 46.2  |

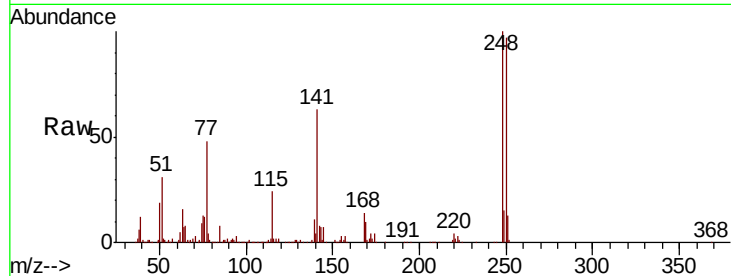




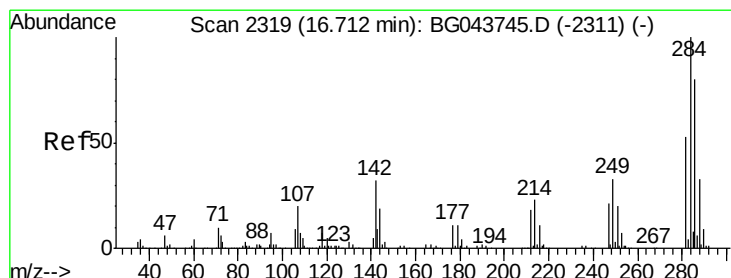
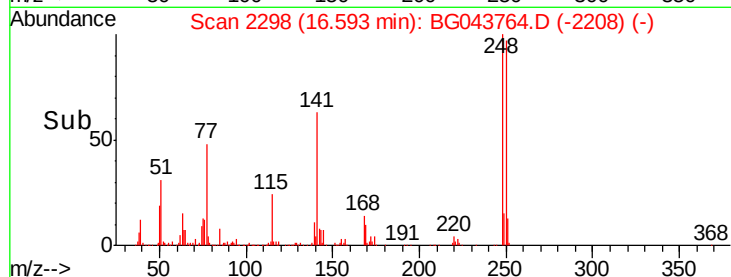
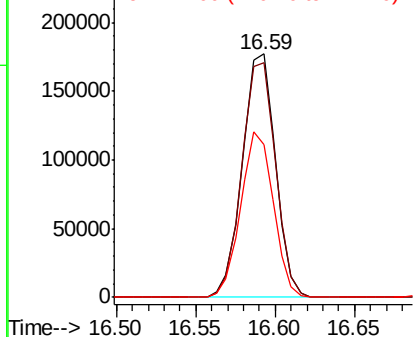
#67  
 4-Bromophenyl-phenylether  
 Concen: 42.070 ng  
 RT: 16.59 min Scan# 2298  
 Delta R.T. -0.00 min  
 Lab File: BG043764.D  
 Acq: 23 Nov 2019 20:16

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:248 Resp: 257156  
 Ion Ratio Lower Upper  
 248 100  
 250 96.6 79.3 118.9  
 141 62.9 53.0 79.6

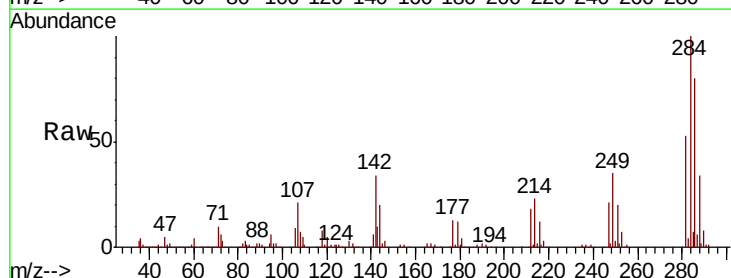


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

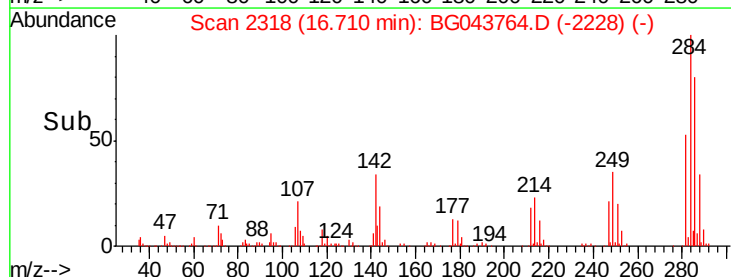
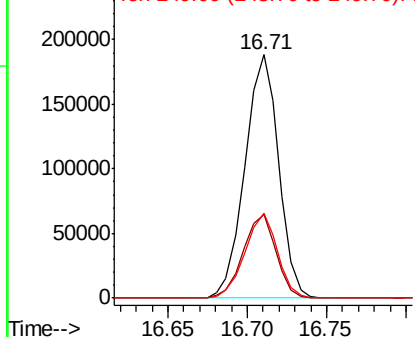


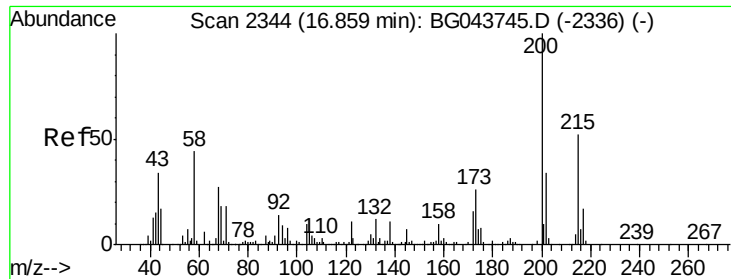
#68  
 Hexachlorobenzene  
 Concen: 41.530 ng  
 RT: 16.71 min Scan# 2318  
 Delta R.T. -0.00 min  
 Lab File: BG043764.D  
 Acq: 23 Nov 2019 20:16

Tgt Ion:284 Resp: 277518  
 Ion Ratio Lower Upper  
 284 100  
 142 34.3 25.4 38.0  
 249 34.6 26.2 39.4



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: 35.298 ng

RT: 16.86 min Scan# 2343

Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

Instrument :

BNA\_G

ClientSampled :

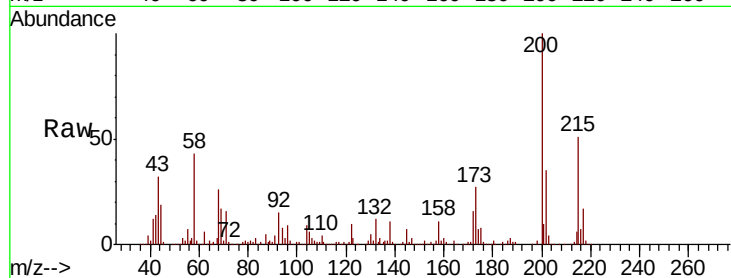
Tot Ion:200 Resp: 217100

Ion Ratio Lower Upper

200 100

173 27.0 6.0 46.0

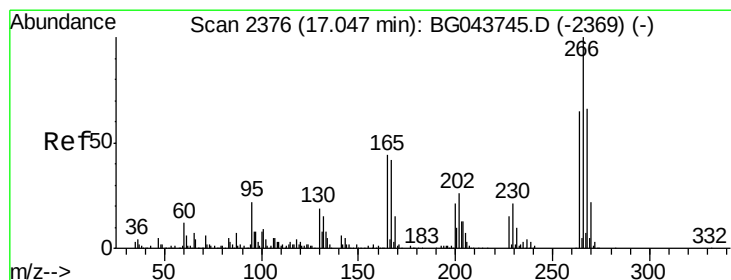
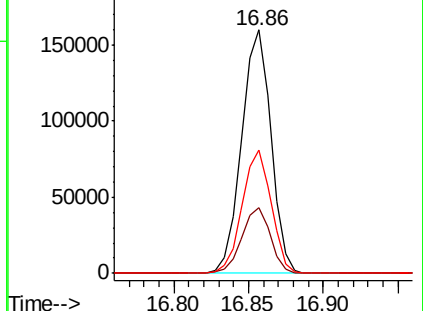
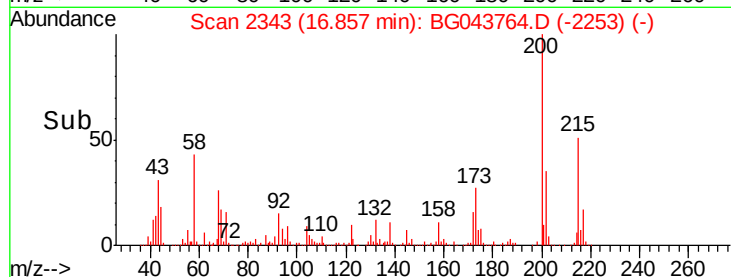
215 50.7 32.4 72.4



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: 98.375 ng

RT: 17.04 min Scan# 2375

Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

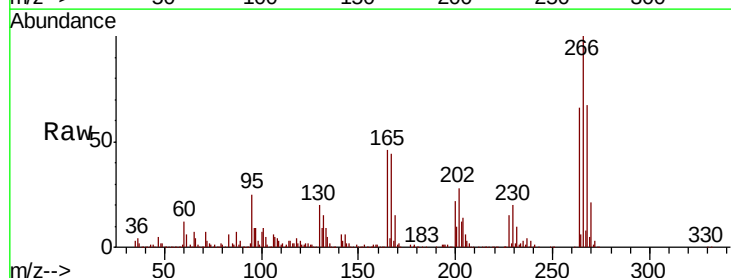
Tgt Ion:266 Resp: 401129

Ion Ratio Lower Upper

266 100

268 66.7 52.9 79.3

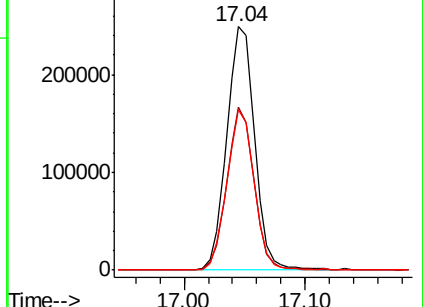
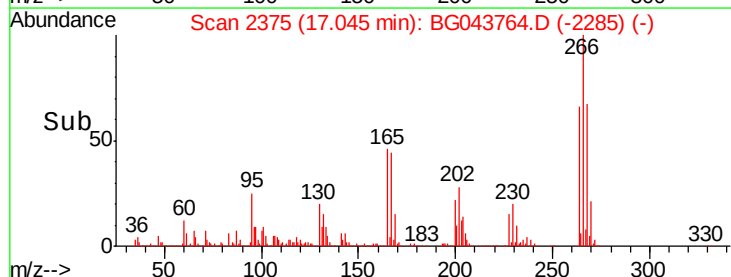
264 65.8 51.6 77.4

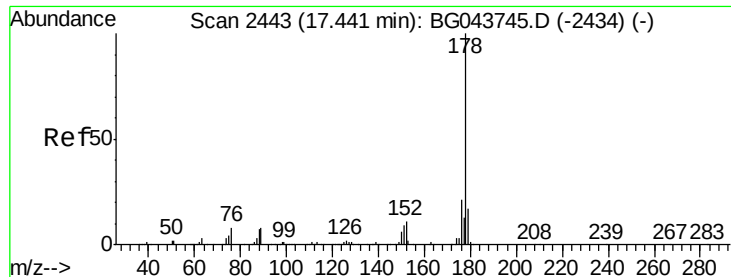


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

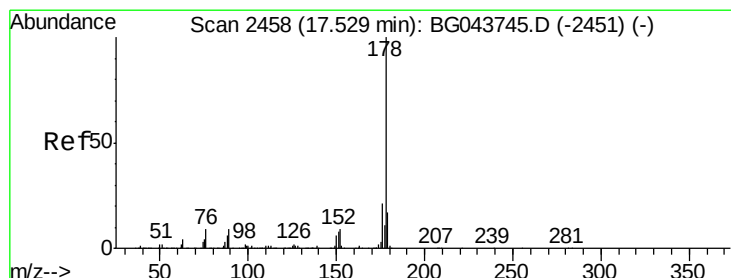
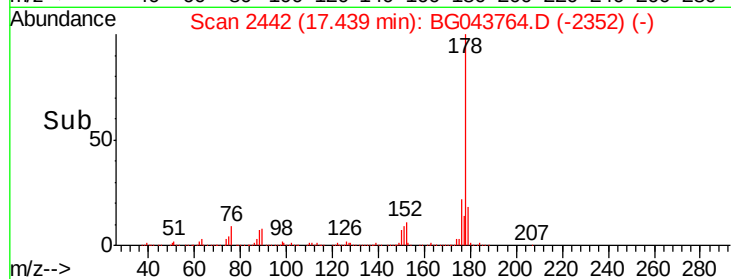
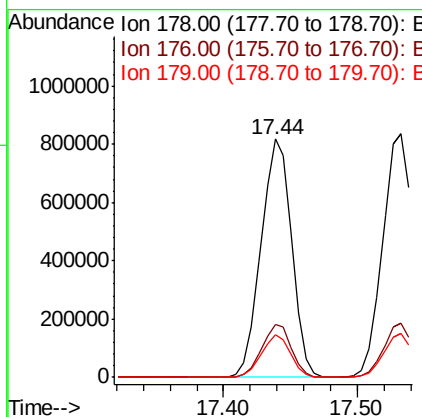
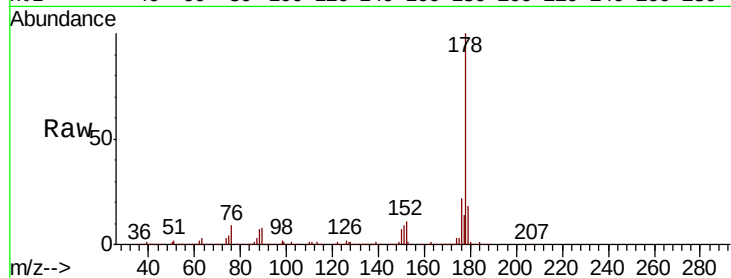




#71  
 Phenanthrene  
 Concen: 45.234 ng  
 RT: 17.44 min Scan# 2442  
 Delta R.T. -0.00 min  
 Lab File: BG043764.D  
 Acq: 23 Nov 2019 20:16

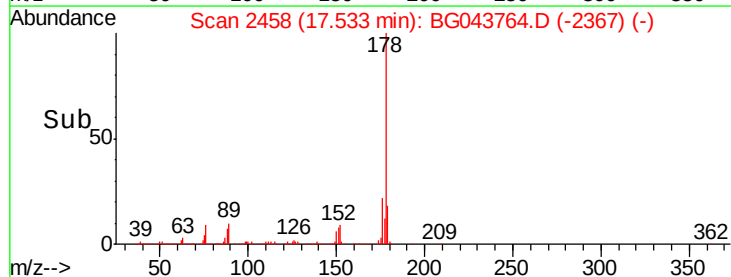
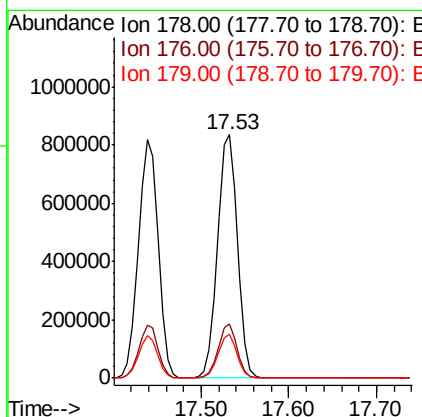
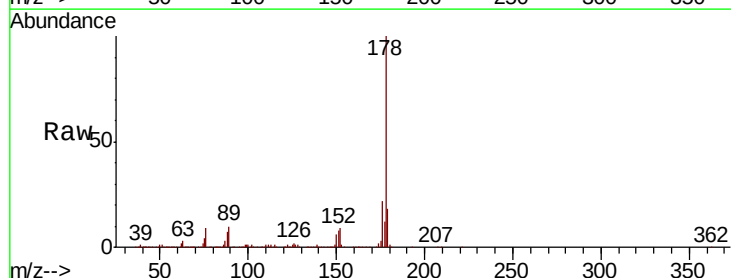
Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:178 Resp: 1297337  
 Ion Ratio Lower Upper  
 178 100  
 176 22.1 16.9 25.3  
 179 17.8 13.5 20.3

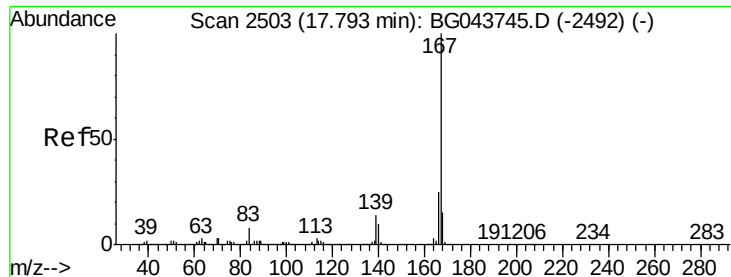


#72  
 Anthracene  
 Concen: 45.675 ng  
 RT: 17.53 min Scan# 2458  
 Delta R.T. 0.00 min  
 Lab File: BG043764.D  
 Acq: 23 Nov 2019 20:16

Tgt Ion:178 Resp: 1323291  
 Ion Ratio Lower Upper  
 178 100  
 176 22.2 16.5 24.7  
 179 18.3 13.4 20.2



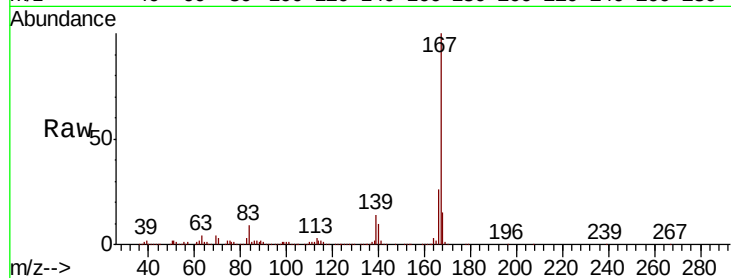




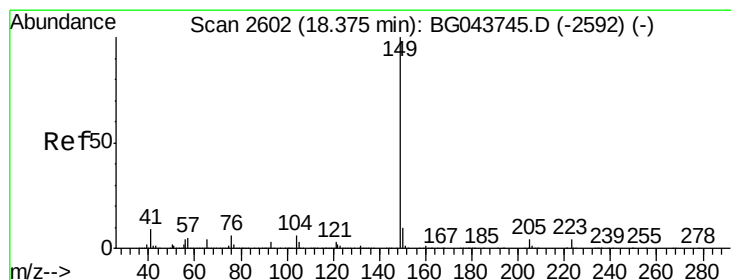
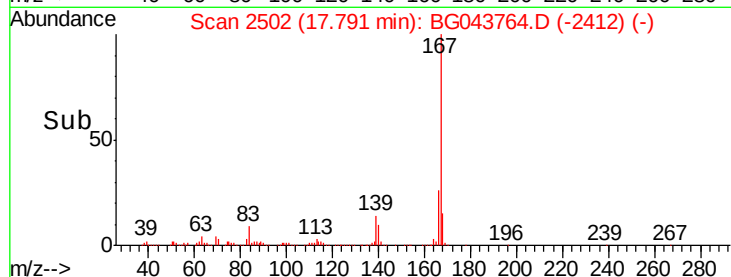
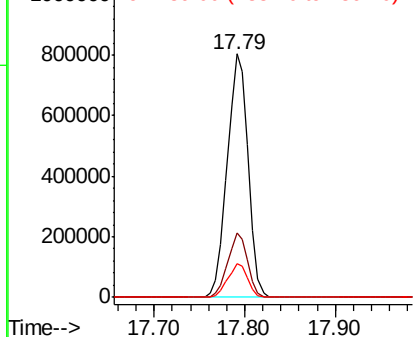
#73  
 Carbazole  
 Concen: 45.836 ng  
 RT: 17.79 min Scan# 2502  
 Delta R.T. -0.00 min  
 Lab File: BG043764.D  
 Acq: 23 Nov 2019 20:16

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:167 Resp: 1284384  
 Ion Ratio Lower Upper  
 167 100  
 166 26.2 19.8 29.6  
 139 13.7 10.9 16.3

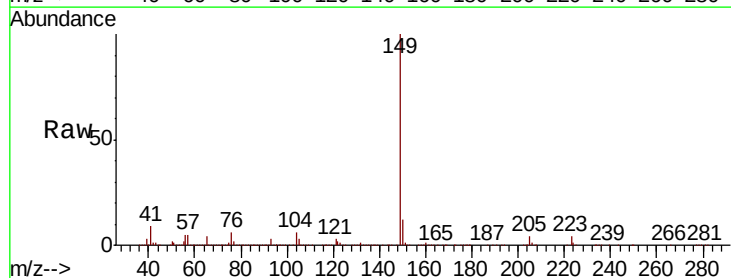


Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E

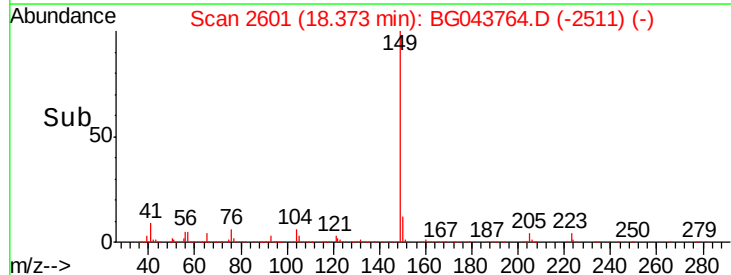
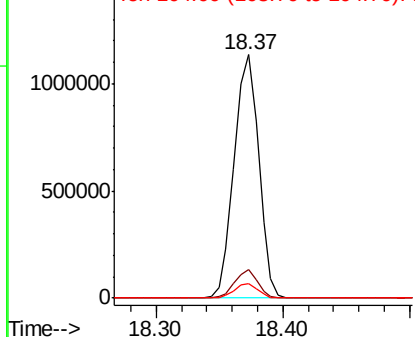


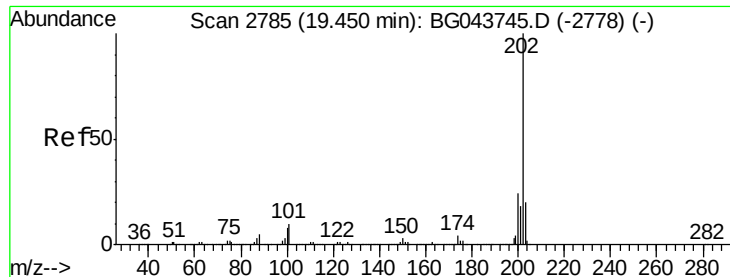
#74  
 Di-n-butylphthalate  
 Concen: 41.439 ng  
 RT: 18.37 min Scan# 2601  
 Delta R.T. -0.00 min  
 Lab File: BG043764.D  
 Acq: 23 Nov 2019 20:16

Tgt Ion:149 Resp: 1522407  
 Ion Ratio Lower Upper  
 149 100  
 150 11.8 8.4 12.6  
 104 6.0 4.6 7.0



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: 43.154 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

Instrument :

BNA\_G

ClientSampleId :

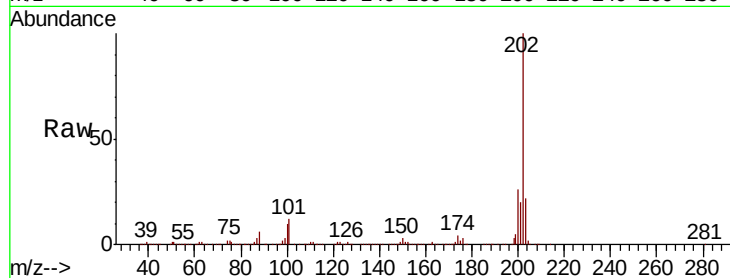
Tot Ion:202 Resp: 1775379

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 11.6  | 0.0   | 30.1  |
| 203 | 21.9  | 0.0   | 39.7  |

202 100

101 11.6 0.0 30.1

203 21.9 0.0 39.7

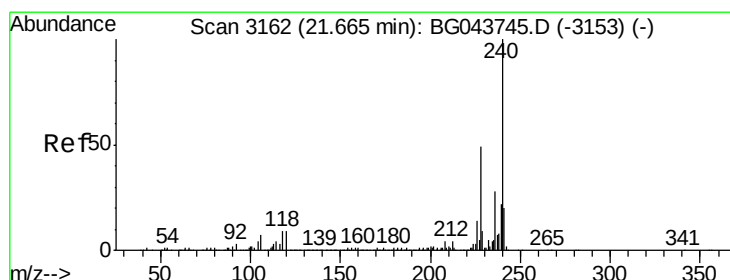
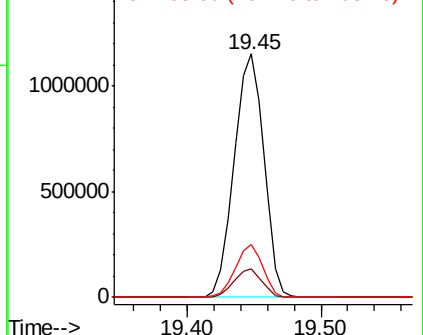
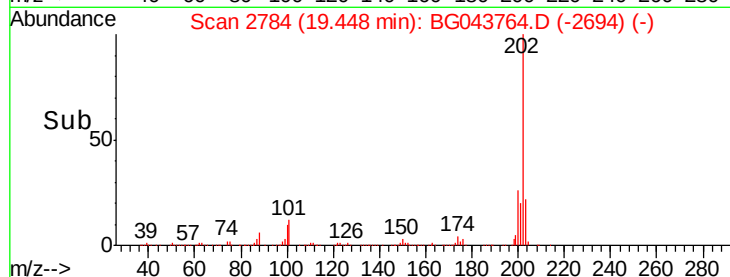


Abundance

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: 21.66 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

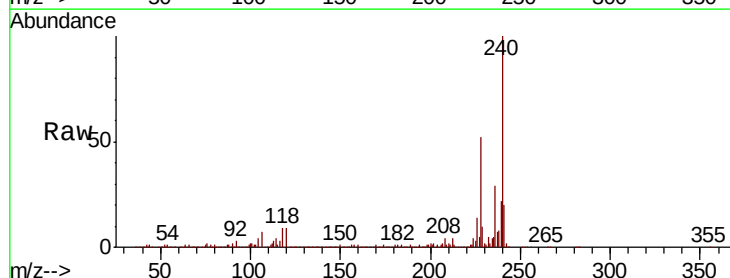
Tgt Ion:240 Resp: 690413

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 9.5   | 7.5   | 11.3  |
| 236 | 29.0  | 22.6  | 34.0  |

240 100

120 9.5 7.5 11.3

236 29.0 22.6 34.0

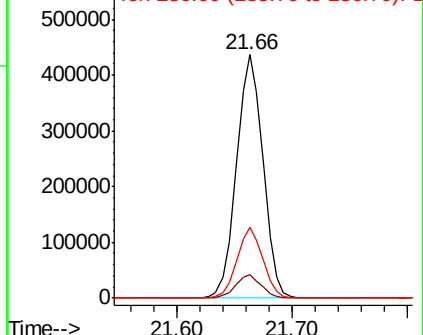
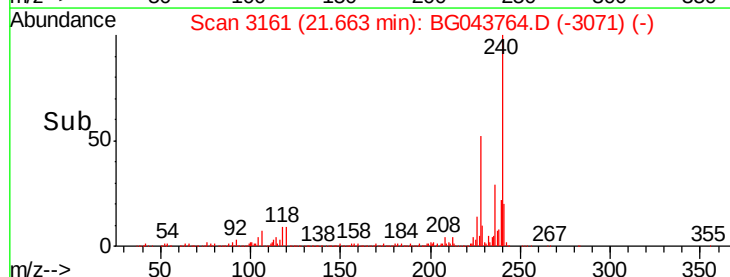


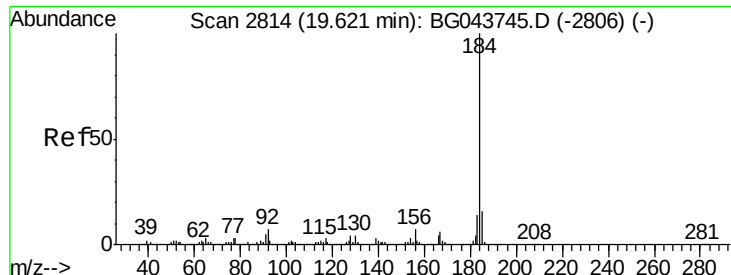
Abundance

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: 3.807 ng

RT: 19.62 min Scan# 2814

Delta R.T. 0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

Instrument :

BNA\_G

ClientSampled :

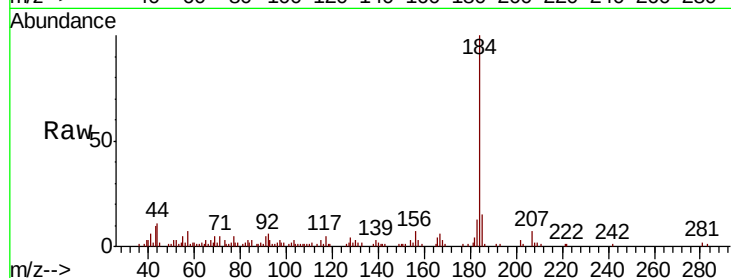
Tot Ion:184 Resp: 76771

Ion Ratio Lower Upper

184 100

185 14.9 12.8 19.2

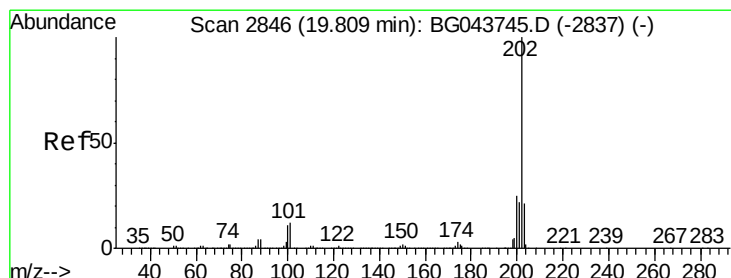
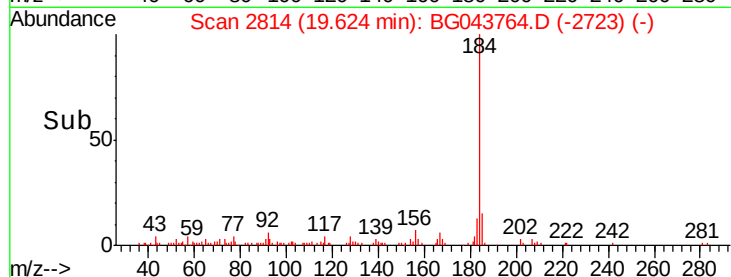
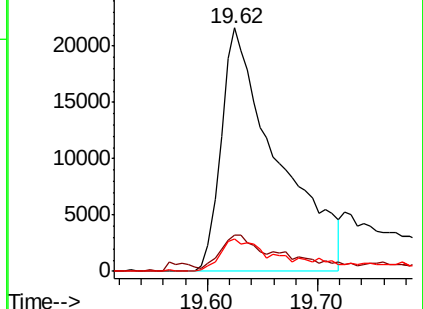
183 13.1 11.3 16.9



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: 41.140 ng

RT: 19.81 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

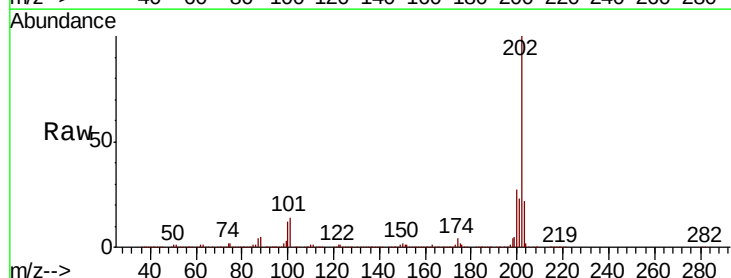
Tgt Ion:202 Resp: 1833110

Ion Ratio Lower Upper

202 100

200 26.6 19.8 29.6

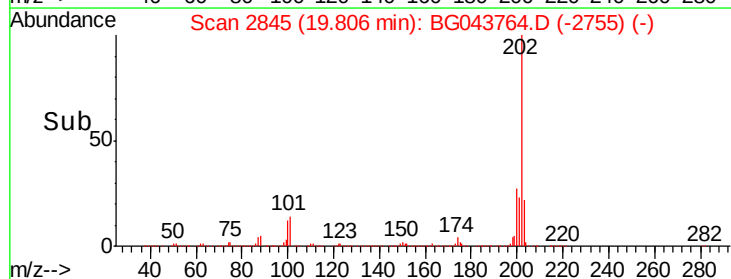
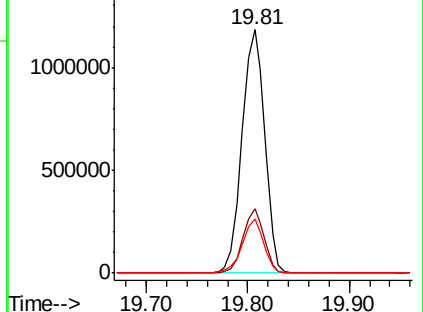
203 22.1 16.6 24.8

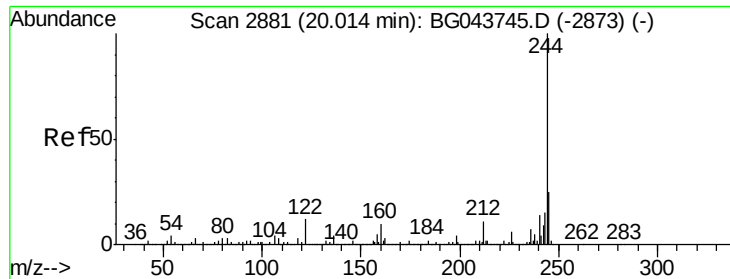


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.229 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

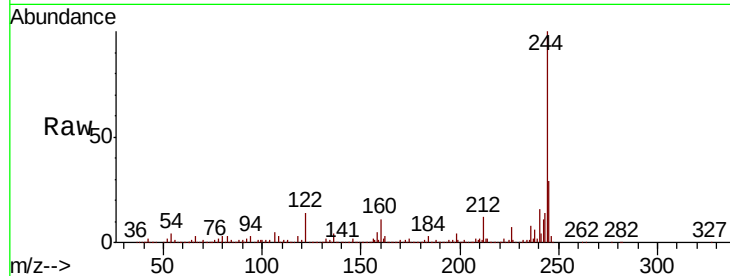
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:244 Resp: 2481882

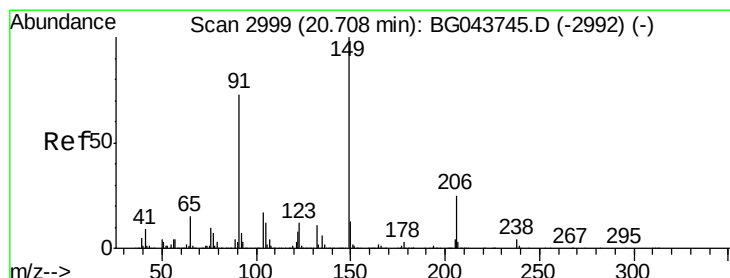
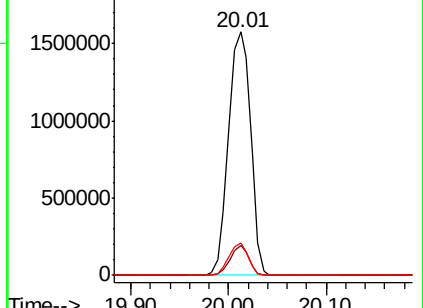
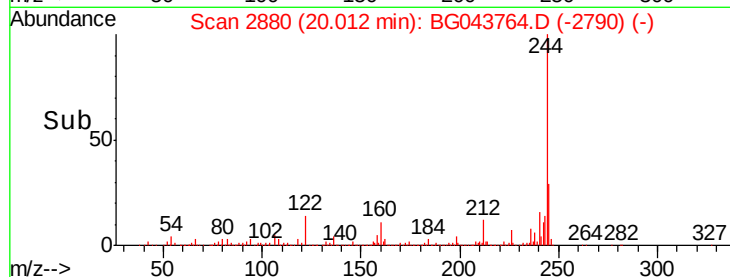
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 12.3  | 8.5   | 12.7  |
| 122 | 13.5  | 9.5   | 14.3  |



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: 43.904 ng

RT: 20.71 min Scan# 2998

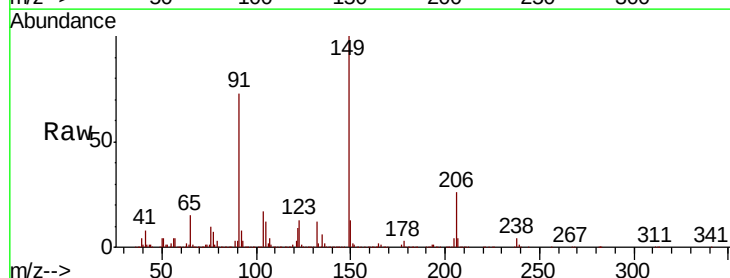
Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

Tgt Ion:149 Resp: 891173

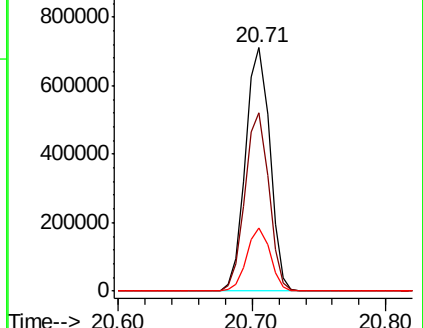
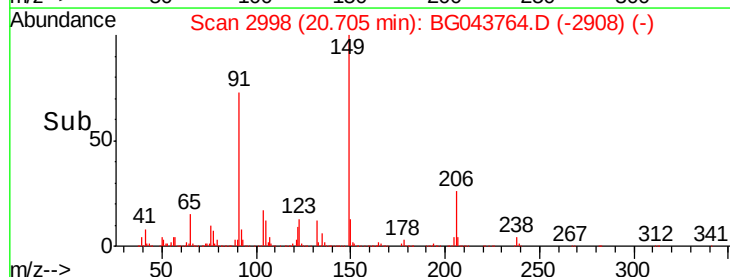
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 73.3  | 58.8  | 88.2  |
| 206 | 25.9  | 19.8  | 29.6  |

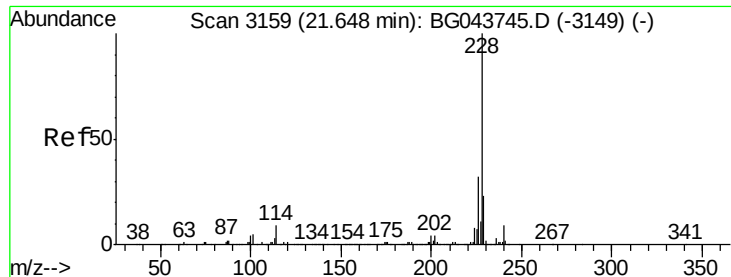


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.152 ng

RT: 21.65 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

Instrument :

BNA\_G

ClientSampled :

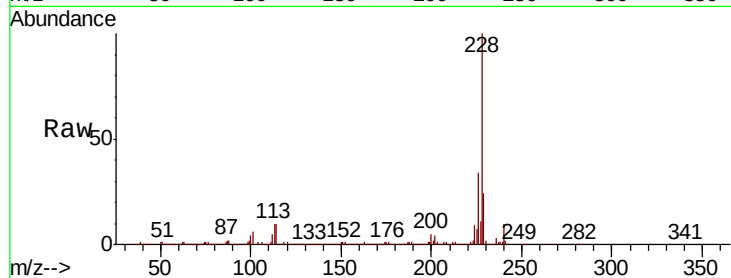
Tot Ion:228 Resp: 1991745

Ion Ratio Lower Upper

228 100

226 34.1 25.4 38.2

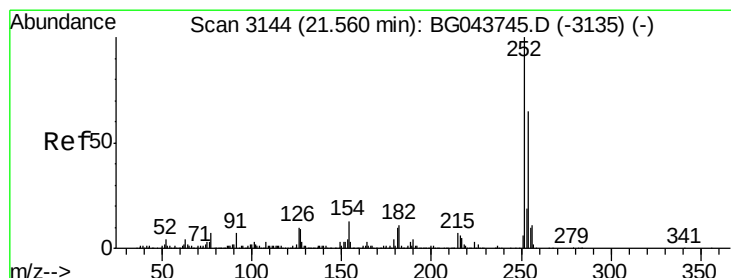
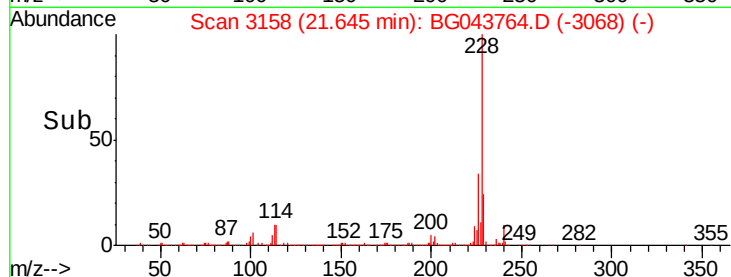
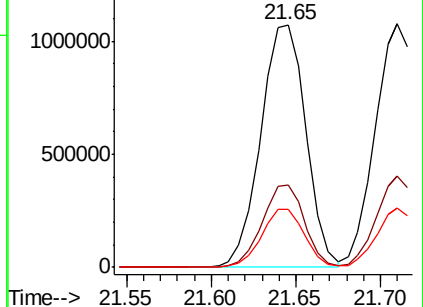
229 23.9 18.1 27.1



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: 8.285 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

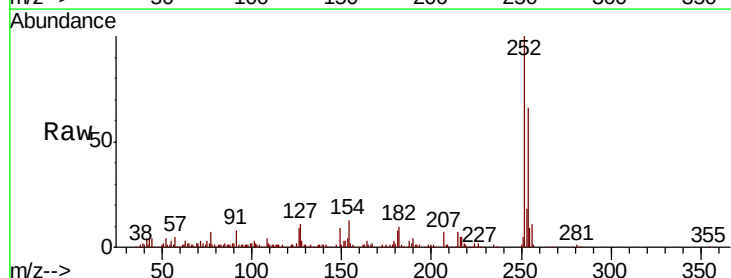
Tgt Ion:252 Resp: 143406

Ion Ratio Lower Upper

252 100

254 65.7 52.1 78.1

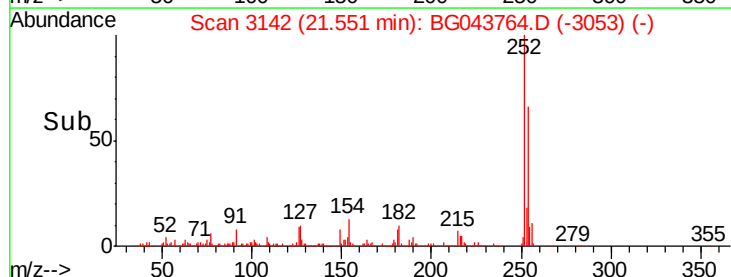
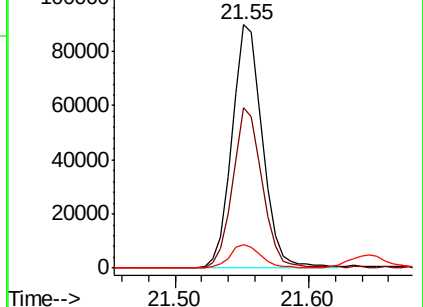
126 9.4 7.8 11.6

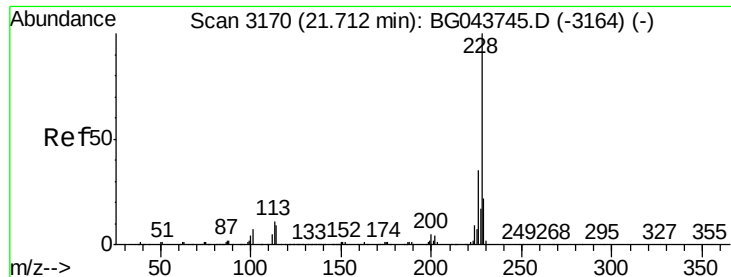


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

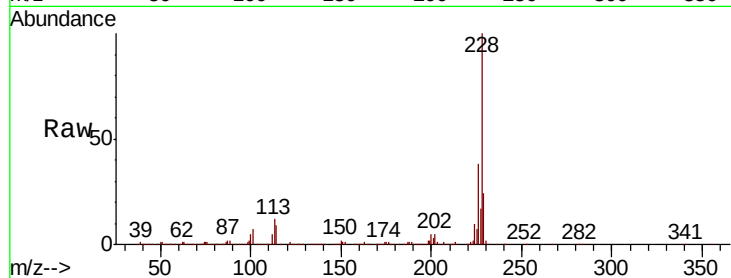




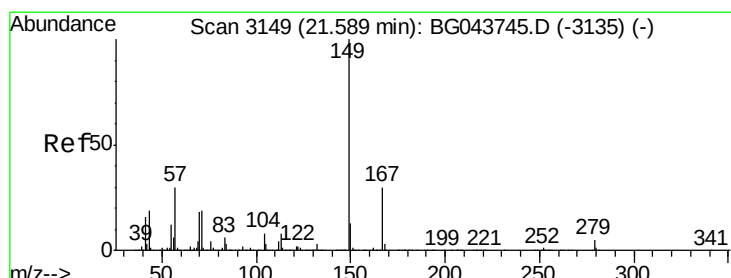
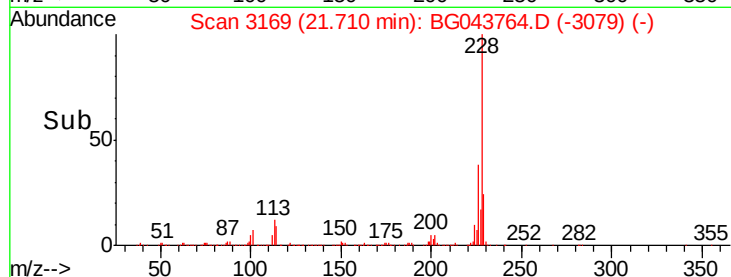
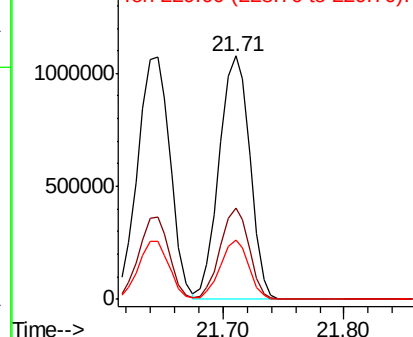
#83  
Chrysene  
Concen: 43.201 ng  
RT: 21.71 min Scan# 3169  
Delta R.T. -0.00 min  
Lab File: BG043764.D  
Acq: 23 Nov 2019 20:16

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:228 Resp: 1886824  
Ion Ratio Lower Upper  
228 100  
226 37.6 27.8 41.8  
229 24.3 17.9 26.9

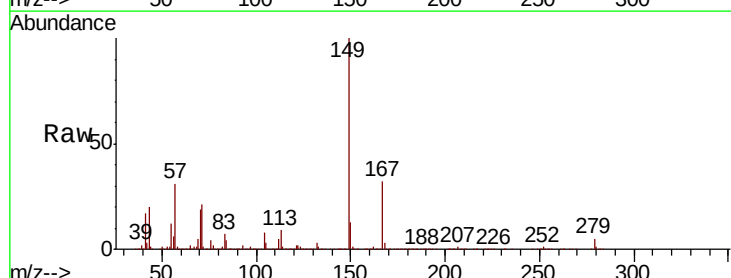


Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

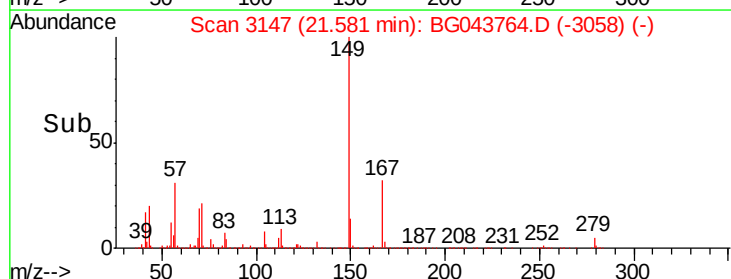
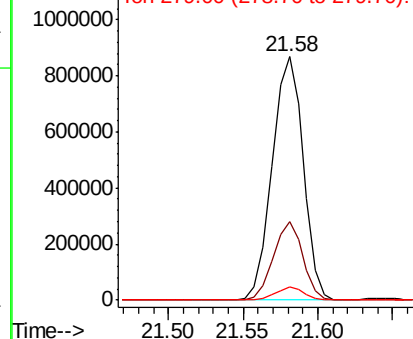


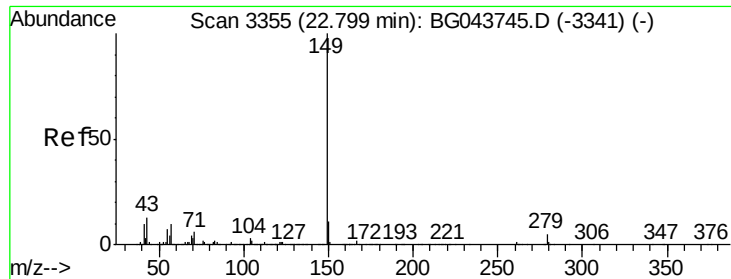
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 43.807 ng  
RT: 21.58 min Scan# 3147  
Delta R.T. -0.01 min  
Lab File: BG043764.D  
Acq: 23 Nov 2019 20:16

Tgt Ion:149 Resp: 1251144  
Ion Ratio Lower Upper  
149 100  
167 32.3 23.8 35.6  
279 5.3 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E

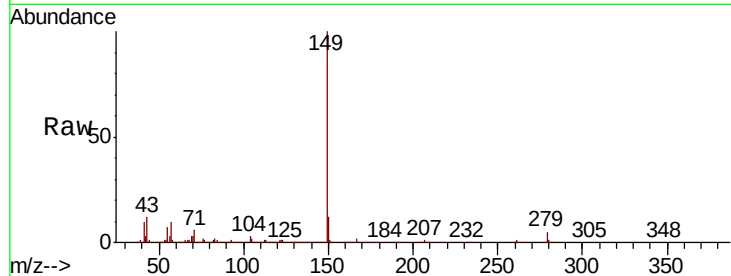




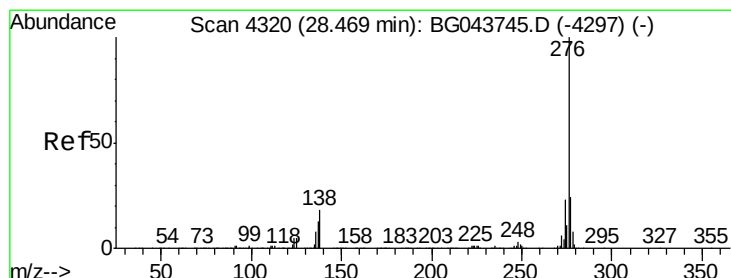
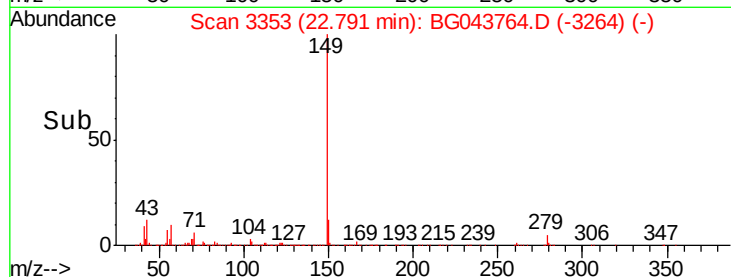
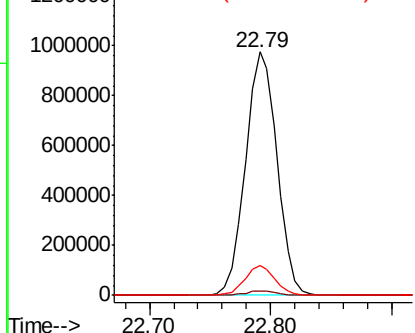
#85  
Di-n-octyl phthalate  
Concen: 38.236 ng  
RT: 22.79 min Scan# 3353  
Delta R.T. -0.01 min  
Lab File: BG043764.D  
Acq: 23 Nov 2019 20:16

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:149 Resp: 1771289  
Ion Ratio Lower Upper  
149 100  
167 1.8 1.4 2.0  
43 11.5 9.8 14.6

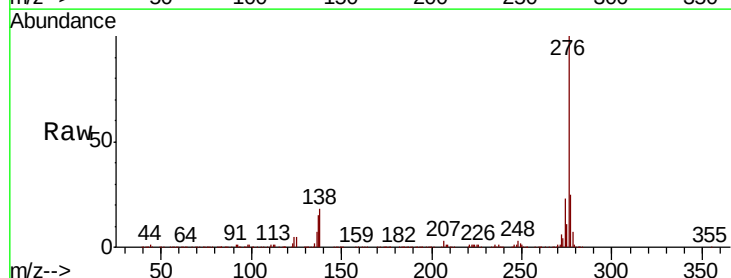


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BGC

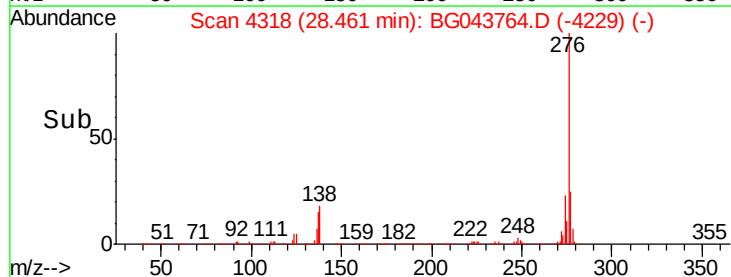
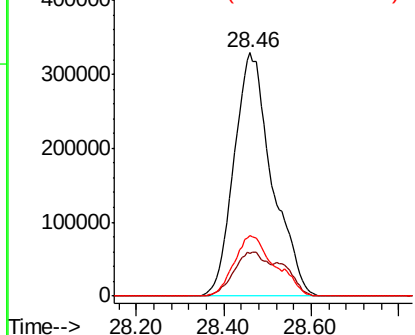


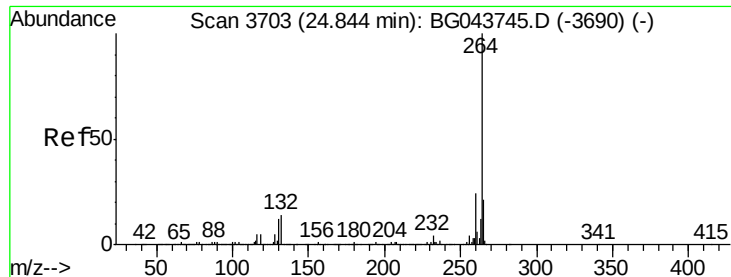
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 38.070 ng  
RT: 28.46 min Scan# 4318  
Delta R.T. -0.01 min  
Lab File: BG043764.D  
Acq: 23 Nov 2019 20:16

Tgt Ion:276 Resp: 1934144  
Ion Ratio Lower Upper  
276 100  
138 15.9 14.5 21.7  
277 26.6 21.1 31.7



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: 24.84 min Scan# 3702

Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

Instrument :

BNA\_G

ClientSampleId :

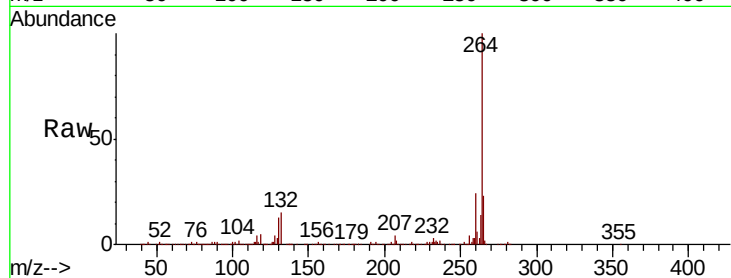
Tot Ion:264 Resp: 614863

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

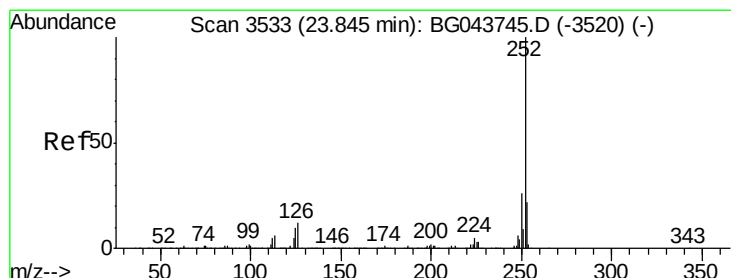
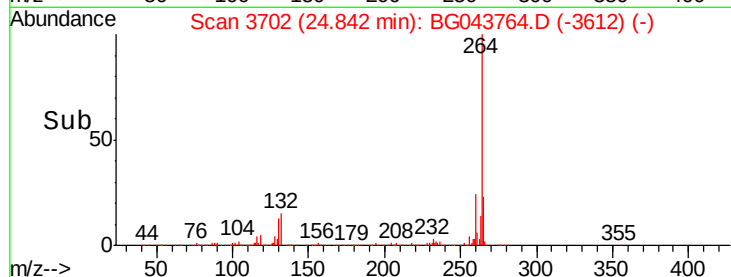
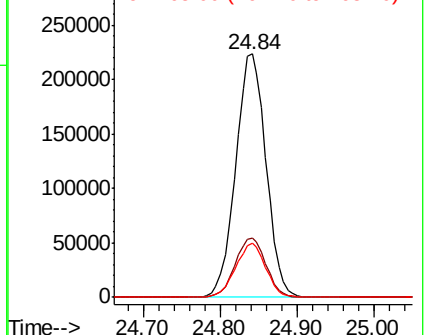
265 22.5 17.0 25.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.819 ng

RT: 23.84 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

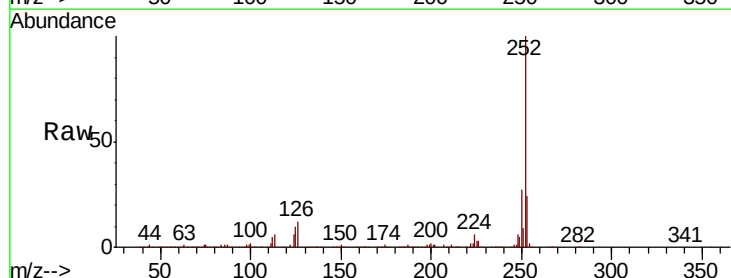
Tgt Ion:252 Resp: 1682086

Ion Ratio Lower Upper

252 100

253 24.2 17.7 26.5

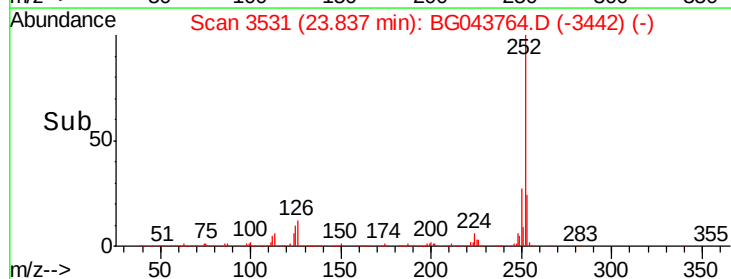
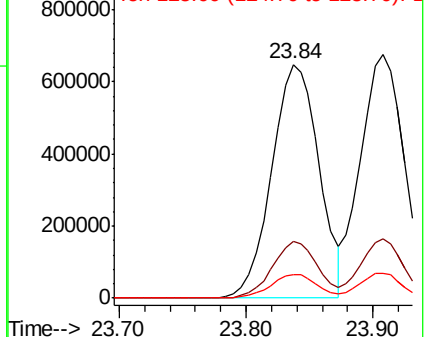
125 10.0 8.0 12.0



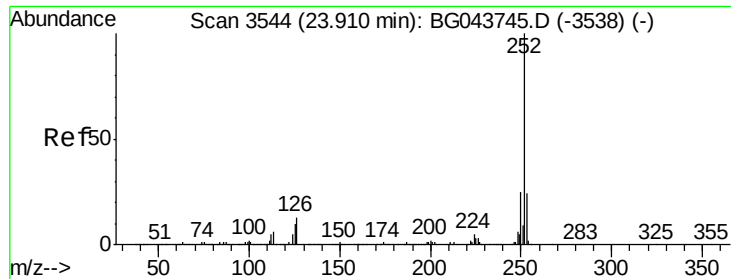
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



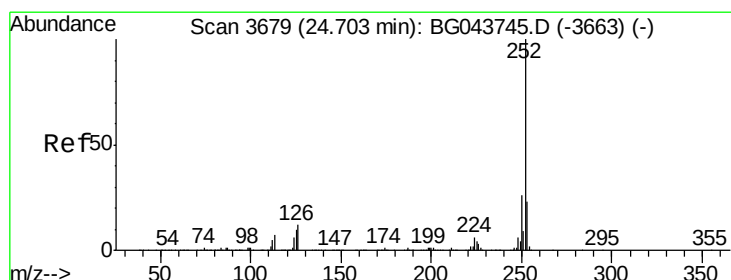
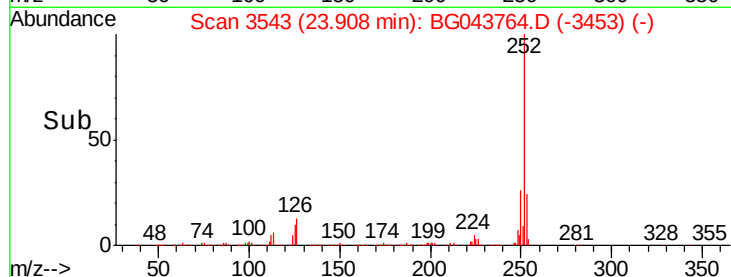
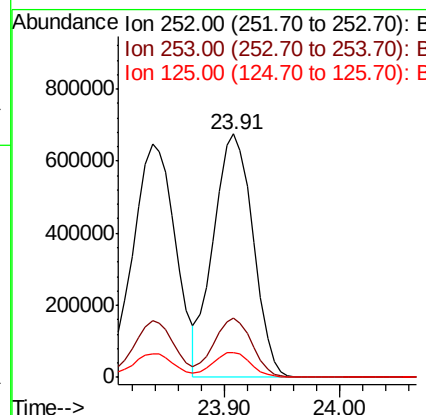
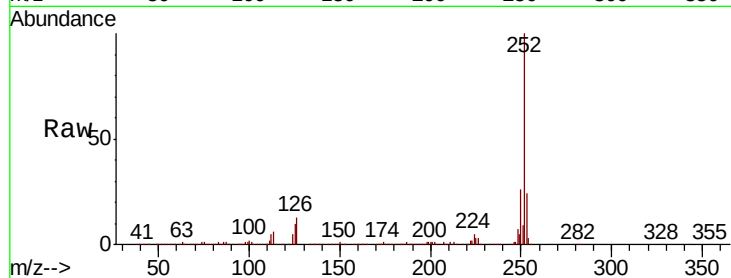




#89  
Benzo(k)fluoranthene  
Concen: 45.697 ng  
RT: 23.91 min Scan# 3543  
Delta R.T. -0.00 min  
Lab File: BG043764.D  
Acq: 23 Nov 2019 20:16

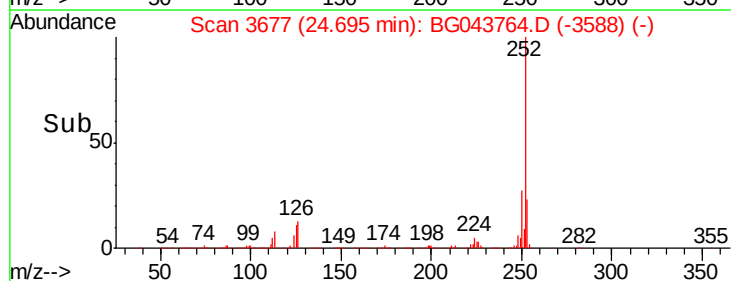
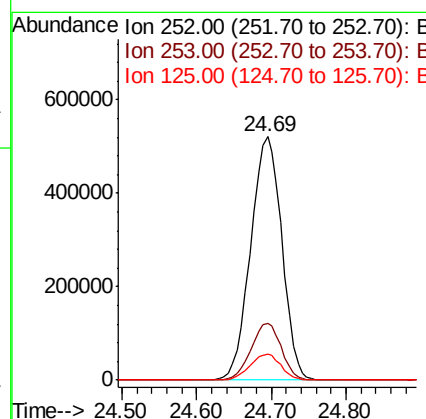
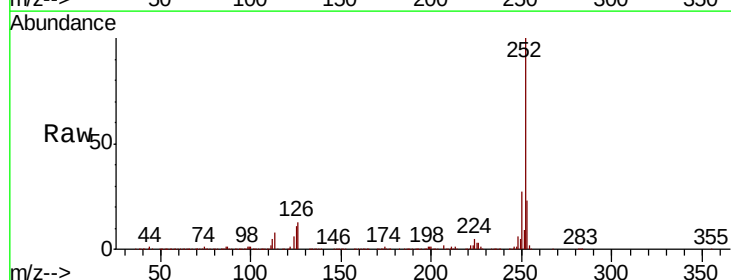
Instrument :  
BNA\_G  
ClientSampled :

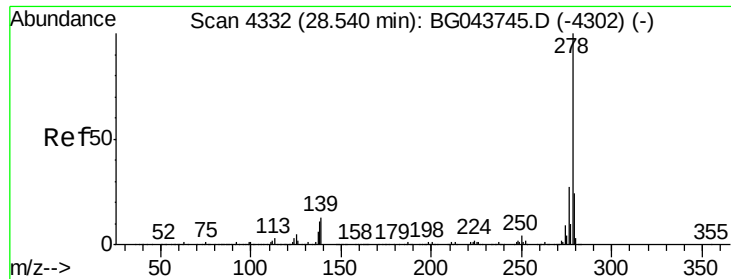
Tot Ion:252 Resp: 1610034  
Ion Ratio Lower Upper  
252 100  
253 24.2 18.8 28.2  
125 10.0 7.7 11.5



#90  
Benzo(a)pyrene  
Concen: 43.681 ng  
RT: 24.69 min Scan# 3677  
Delta R.T. -0.01 min  
Lab File: BG043764.D  
Acq: 23 Nov 2019 20:16

Tgt Ion:252 Resp: 1507892  
Ion Ratio Lower Upper  
252 100  
253 23.1 18.2 27.4  
125 10.7 8.3 12.5



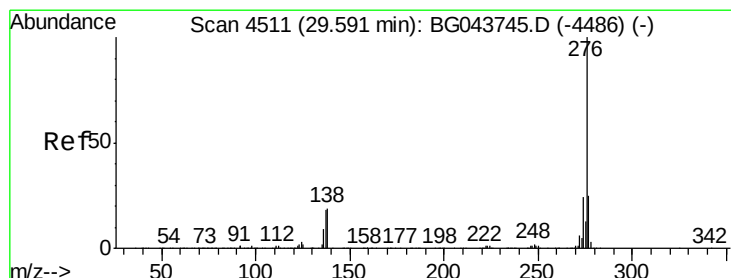
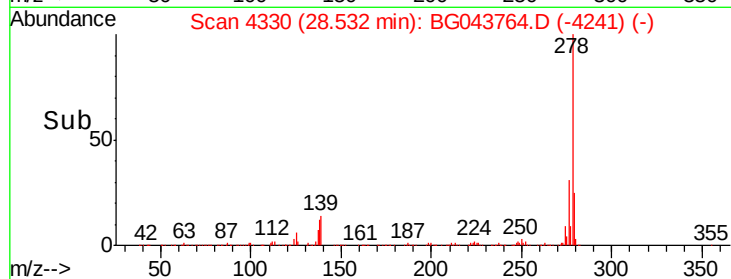
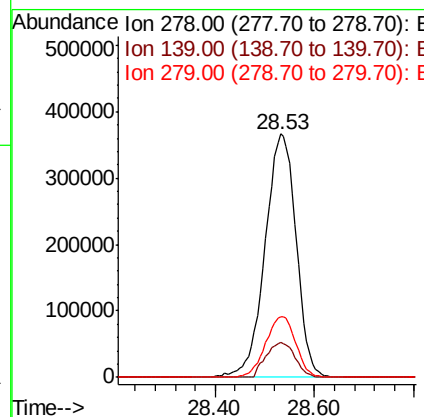
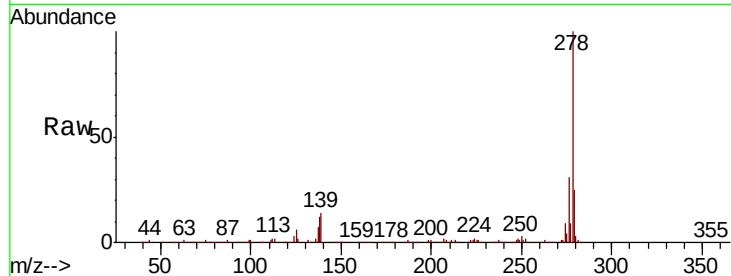


#91  
Dibenzo(a,h)anthracene  
Concen: 47.381 ng  
RT: 28.53 min Scan# 4330  
Delta R.T. -0.01 min  
Lab File: BG043764.D  
Acq: 23 Nov 2019 20:16

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:278 Resp: 1586493  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 14.3  | 10.4  | 15.6  |
| 279 | 24.8  | 19.3  | 28.9  |



#92  
Benzo(g,h,i)perylene  
Concen: 48.875 ng  
RT: 29.59 min Scan# 4510  
Delta R.T. -0.00 min  
Lab File: BG043764.D  
Acq: 23 Nov 2019 20:16

Tgt Ion:276 Resp: 1613845  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.7  | 19.7  | 29.5  |
| 138 | 19.9  | 14.9  | 22.3  |

