

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080420\  
 Data File : BG046162.D  
 Acq On : 4 Aug 2020 8:39  
 Operator : CG/JU  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Aug 04 10:49:17 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 30 18:43:49 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.95  | 152  | 84929    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.75 | 136  | 324988   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.58 | 164  | 215751   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.32 | 188  | 494278   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.57 | 240  | 507851   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.67 | 264  | 546125   | 20.00 | ng    | 0.00     |

|                             |       |     |         |       |    |      |
|-----------------------------|-------|-----|---------|-------|----|------|
| System Monitoring Compounds |       |     |         |       |    |      |
| 5) 2-Fluorophenol           | 5.53  | 112 | 399572  | 81.79 | ng | 0.00 |
| 7) Phenol-d6                | 7.12  | 99  | 568695  | 85.41 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.10  | 82  | 513948  | 85.62 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.07 | 330 | 283561  | 85.57 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.21 | 172 | 1220746 | 82.19 | ng | 0.00 |
| 79) Terphenyl-d14           | 19.93 | 244 | 1925696 | 77.23 | ng | 0.00 |

|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.45  | 88  | 86946  | 39.100 | ng | 98   |
| 3) Pyridine                    | 3.84  | 79  | 253564 | 41.421 | ng | 100  |
| 4) n-Nitrosodimethylamine      | 3.75  | 42  | 110550 | 42.431 | ng | 94   |
| 6) Aniline                     | 7.28  | 93  | 330032 | 41.640 | ng | 95   |
| 8) 2-Chlorophenol              | 7.52  | 128 | 222643 | 41.231 | ng | 99   |
| 9) Benzaldehyde                | 7.09  | 77  | 170229 | 43.085 | ng | 96   |
| 10) Phenol                     | 7.14  | 94  | 282091 | 42.166 | ng | 99   |
| 11) bis(2-Chloroethyl)ether    | 7.37  | 93  | 223230 | 41.950 | ng | 100  |
| 12) 1,3-Dichlorobenzene        | 7.85  | 146 | 262527 | 40.110 | ng | 99   |
| 13) 1,4-Dichlorobenzene        | 7.99  | 146 | 263275 | 40.058 | ng | 100  |
| 14) 1,2-Dichlorobenzene        | 8.30  | 146 | 252039 | 40.661 | ng | 98   |
| 15) Benzyl Alcohol             | 8.19  | 79  | 208691 | 45.369 | ng | 100  |
| 16) 2,2'-oxybis(1-Chloropropan | 8.48  | 45  | 382342 | 43.826 | ng | 100  |
| 17) 2-Methylphenol             | 8.39  | 107 | 196099 | 43.419 | ng | 98   |
| 18) Hexachloroethane           | 9.04  | 117 | 92950  | 42.286 | ng | 96   |
| 19) n-Nitroso-di-n-propylamine | 8.76  | 70  | 191424 | 44.174 | ng | 96   |
| 20) 3+4-Methylphenols          | 8.72  | 107 | 269753 | 43.637 | ng | 99   |
| 22) Acetophenone               | 8.77  | 105 | 347231 | 41.632 | ng | # 99 |
| 24) Nitrobenzene               | 9.15  | 77  | 270567 | 42.279 | ng | 99   |
| 25) Isophorone                 | 9.67  | 82  | 532185 | 44.558 | ng | 100  |
| 26) 2-Nitrophenol              | 9.86  | 139 | 128025 | 44.141 | ng | 96   |
| 27) 2,4-Dimethylphenol         | 9.92  | 122 | 204451 | 43.327 | ng | 96   |
| 28) bis(2-Chloroethoxy)methane | 10.16 | 93  | 276304 | 42.545 | ng | 99   |
| 29) 2,4-Dichlorophenol         | 10.40 | 162 | 240245 | 43.281 | ng | 97   |
| 30) 1,2,4-Trichlorobenzene     | 10.61 | 180 | 265104 | 40.768 | ng | 99   |
| 31) Naphthalene                | 10.80 | 128 | 723907 | 42.098 | ng | 99   |
| 32) Benzoic acid               | 10.06 | 122 | 138509 | 41.509 | ng | 97   |
| 33) 4-Chloroaniline            | 10.90 | 127 | 304915 | 43.393 | ng | 99   |
| 34) Hexachlorobutadiene        | 11.10 | 225 | 179046 | 41.362 | ng | 98   |
| 35) Caprolactam                | 11.67 | 113 | 81841  | 45.046 | ng | 89   |
| 36) 4-Chloro-3-methylphenol    | 12.02 | 107 | 250064 | 45.906 | ng | 99   |
| 37) 2-Methylnaphthalene        | 12.41 | 142 | 560474 | 42.359 | ng | 99   |
| 38) 1-Methylnaphthalene        | 12.62 | 142 | 530641 | 42.381 | ng | 97   |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.78 | 216 | 312549 | 40.207 | ng | 99   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080420\  
 Data File : BG046162.D  
 Acq On : 4 Aug 2020 8:39  
 Operator : CG/JU  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

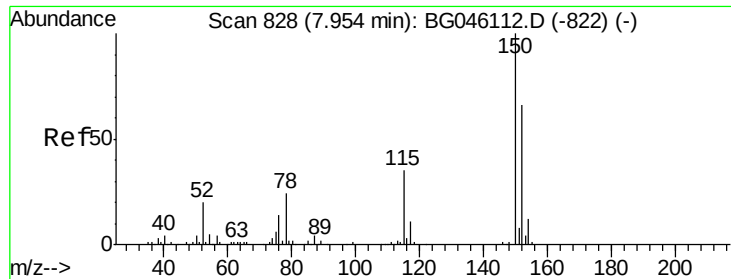
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Aug 04 10:49:17 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 30 18:43:49 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.76 | 237  | 174961   | 39.239 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.01 | 196  | 214386   | 43.227 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.08 | 196  | 230523   | 42.600 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.42 | 154  | 696191   | 41.134 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.45 | 162  | 548221   | 40.607 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.65 | 65   | 161320   | 45.587 | ng    | 97       |
| 49) Acenaphthylene             | 14.30 | 152  | 880753   | 42.013 | ng    | 100      |
| 50) Dimethylphthalate          | 14.03 | 163  | 688771   | 41.594 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.15 | 165  | 164644   | 42.722 | ng    | 98       |
| 52) Acenaphthene               | 14.64 | 154  | 583320   | 42.160 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.47 | 138  | 166812   | 43.661 | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 14.67 | 184  | 85919    | 39.147 | ng    | 89       |
| 55) Dibenzofuran               | 14.98 | 168  | 862580   | 41.317 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.79 | 139  | 138615   | 41.788 | ng    | 99       |
| 57) 2,4-Dinitrotoluene         | 14.93 | 165  | 229315   | 43.277 | ng    | 100      |
| 58) Fluorene                   | 15.63 | 166  | 703881   | 41.632 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.20 | 232  | 218013   | 42.773 | ng    | 99       |
| 60) Diethylphthalate           | 15.40 | 149  | 688057   | 42.239 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.62 | 204  | 365577   | 41.400 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.64 | 138  | 165683   | 43.118 | ng    | 95       |
| 63) Azobenzene                 | 15.91 | 77   | 658755   | 43.150 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylphenol | 15.70 | 198  | 136466   | 41.747 | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 15.83 | 169  | 635093   | 42.448 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.51 | 248  | 255534   | 41.847 | ng    | 99       |
| 68) Hexachlorobenzene          | 16.64 | 284  | 277157   | 40.477 | ng    | 98       |
| 69) Atrazine                   | 16.78 | 200  | 243952   | 42.343 | ng    | 99       |
| 70) Pentachlorophenol          | 16.97 | 266  | 186877   | 42.063 | ng    | 99       |
| 71) Phenanthrene               | 17.36 | 178  | 1130693  | 41.761 | ng    | 100      |
| 72) Anthracene                 | 17.45 | 178  | 1125397  | 41.787 | ng    | 100      |
| 73) Carbazole                  | 17.72 | 167  | 1084988  | 41.780 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.29 | 149  | 1160755  | 42.761 | ng    | 99       |
| 75) Fluoranthene               | 19.37 | 202  | 1400422  | 41.429 | ng    | 100      |
| 77) Benzidine                  | 19.54 | 184  | 600958   | 41.776 | ng    | 99       |
| 78) Pyrene                     | 19.73 | 202  | 1400589  | 41.046 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.63 | 149  | 544557   | 44.055 | ng    | 100      |
| 81) Benzo(a)anthracene         | 21.55 | 228  | 1385249  | 40.760 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.47 | 252  | 590026   | 41.807 | ng    | 98       |
| 83) Chrysene                   | 21.61 | 228  | 1337595  | 40.177 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.48 | 149  | 745140   | 42.165 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 22.65 | 149  | 1299457  | 43.429 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene     | 28.19 | 276  | 1707678  | 41.000 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 23.69 | 252  | 1529473  | 41.792 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.76 | 252  | 1456459  | 40.575 | ng    | 98       |
| 90) Benzo(a)pyrene             | 24.53 | 252  | 1419206  | 41.675 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.25 | 278  | 1421795  | 40.835 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 29.28 | 276  | 1431309  | 40.704 | ng    | 99       |

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



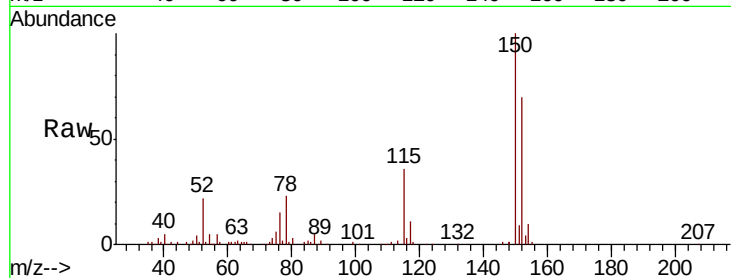


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.95 min Scan# 828  
Delta R.T. -0.00 min  
Lab File: BG046162.D  
Acq: 4 Aug 2020 8:39

Instrument :  
BNA\_G  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 142.4 | 122.1 | 183.1 |
| 115     | 51.1  | 43.2  | 64.8  |

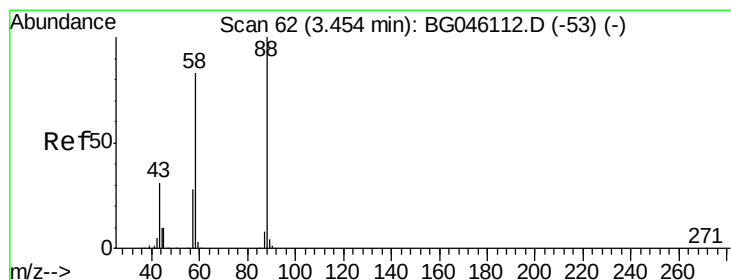
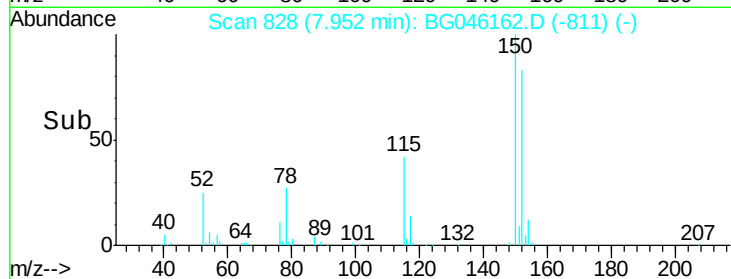
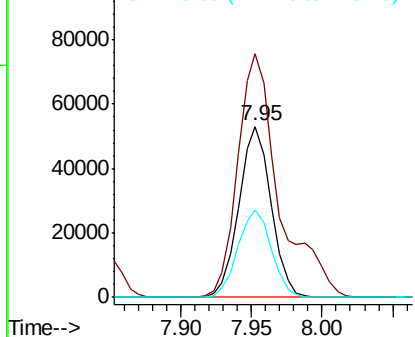


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

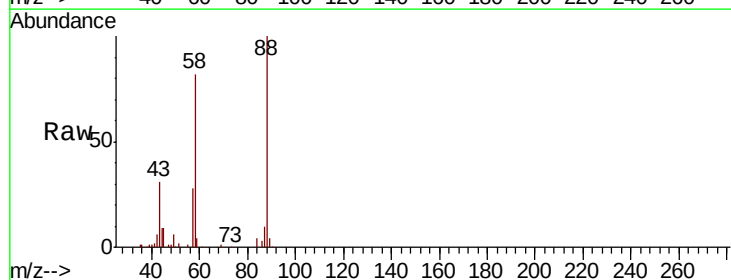
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 39.100 ng  
RT: 3.45 min Scan# 62  
Delta R.T. -0.00 min  
Lab File: BG046162.D  
Acq: 4 Aug 2020 8:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 85.3  | 66.5  | 99.7  |
| 43      | 31.2  | 23.8  | 35.8  |

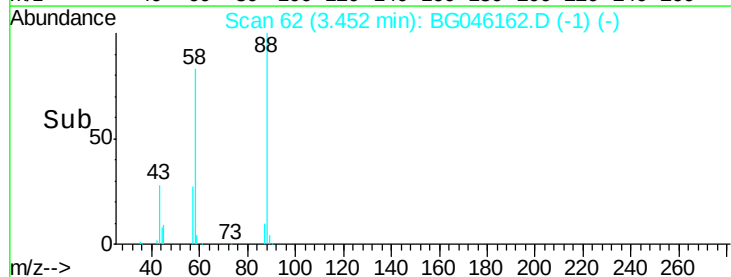
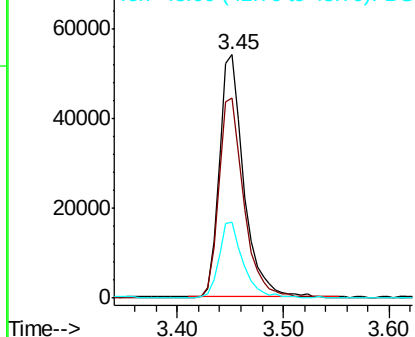


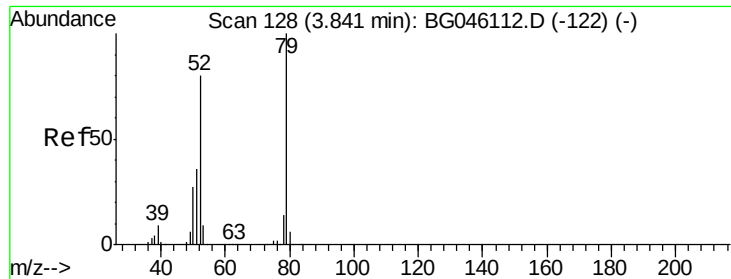
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 41.421 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.00 min

Lab File: BG046162.D

Acq: 4 Aug 2020 8:39

Instrument :

BNA\_G

ClientSampleId :

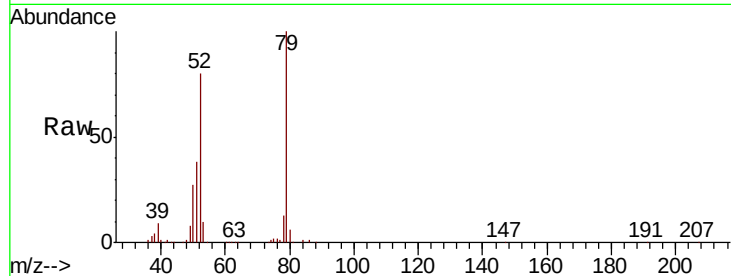
Tot Ion: 79 Resp: 253564

Ion Ratio Lower Upper

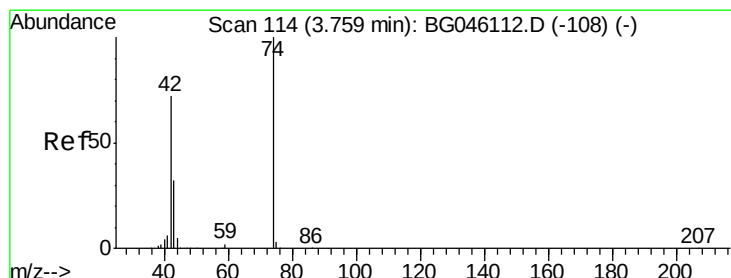
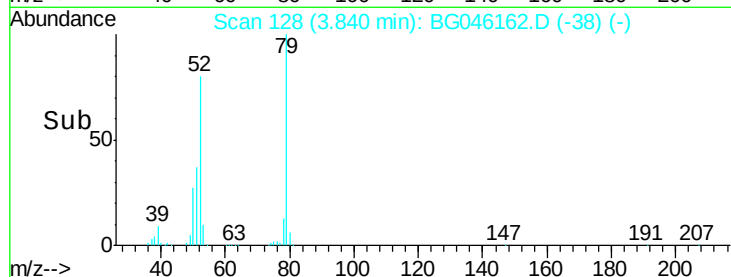
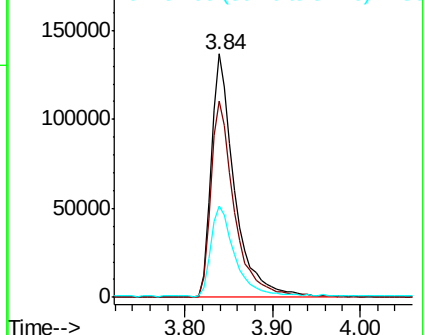
79 100

52 80.5 64.3 96.5

51 37.6 29.8 44.6



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: 42.431 ng

RT: 3.75 min Scan# 113

Delta R.T. -0.01 min

Lab File: BG046162.D

Acq: 4 Aug 2020 8:39

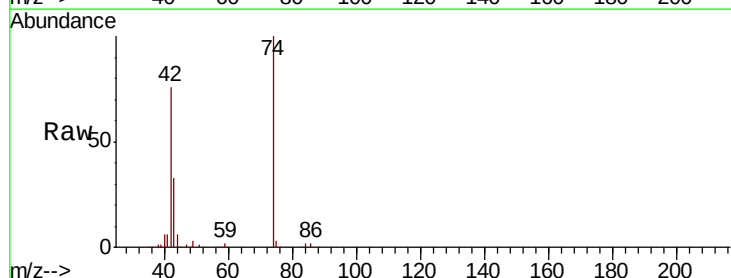
Tgt Ion: 42 Resp: 110550

Ion Ratio Lower Upper

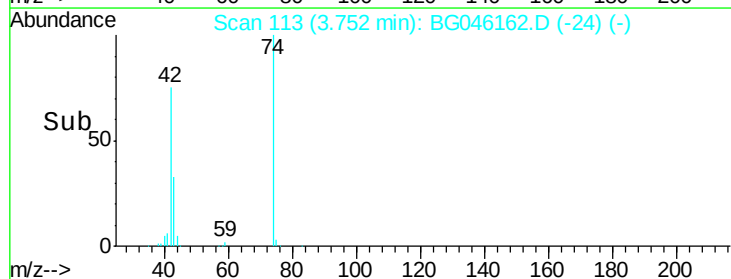
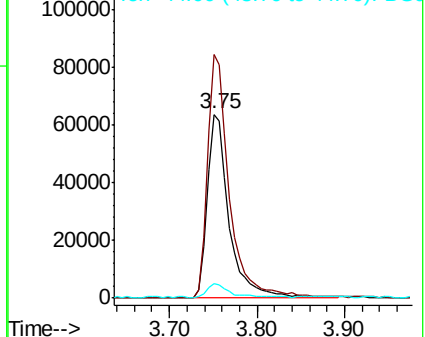
42 100

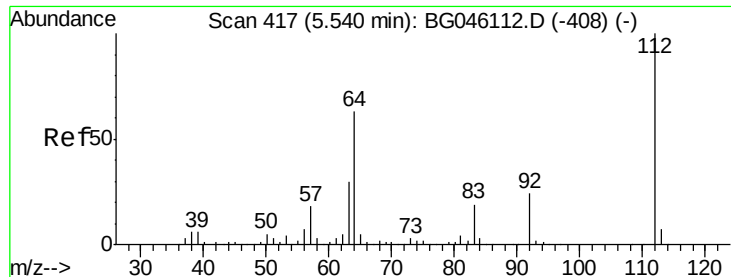
74 132.4 111.6 167.4

44 8.0 5.7 8.5



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: 81.786 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.01 min

Lab File: BG046162.D

Acq: 4 Aug 2020 8:39

Instrument :

BNA\_G

ClientSampled :

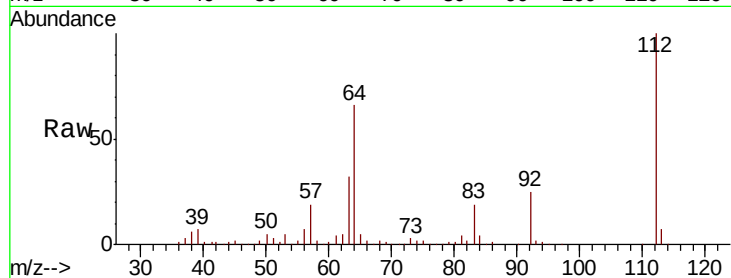
Tot Ion: 112 Resp: 399572

Ion Ratio Lower Upper

112 100

64 65.6 50.2 75.2

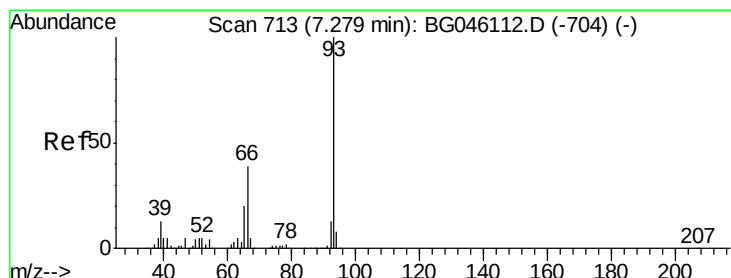
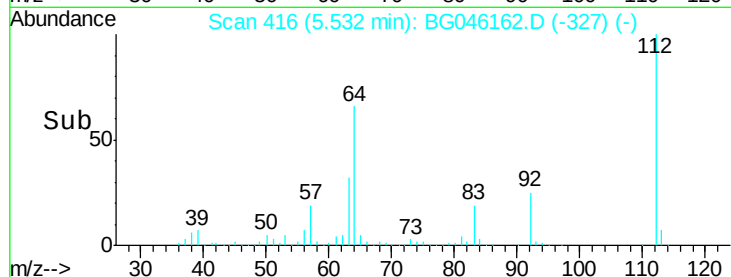
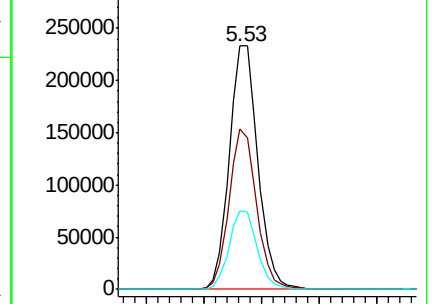
63 32.5 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 41.640 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BG046162.D

Acq: 4 Aug 2020 8:39

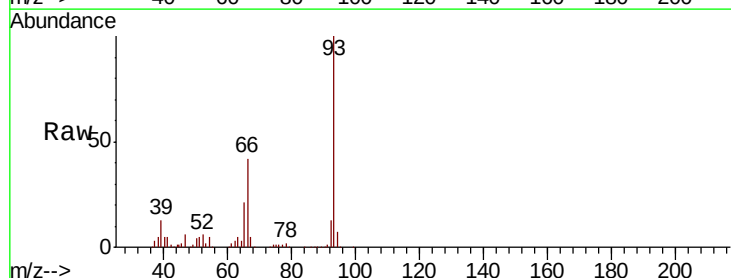
Tgt Ion: 93 Resp: 330032

Ion Ratio Lower Upper

93 100

66 42.1 31.0 46.4

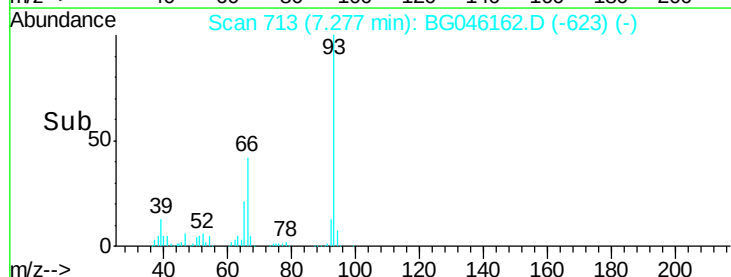
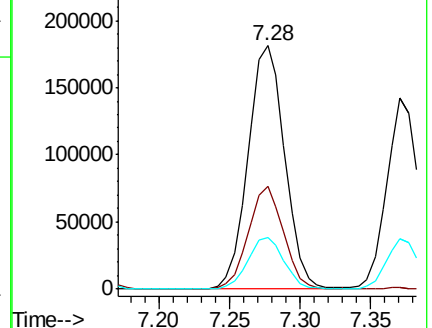
65 21.1 15.9 23.9

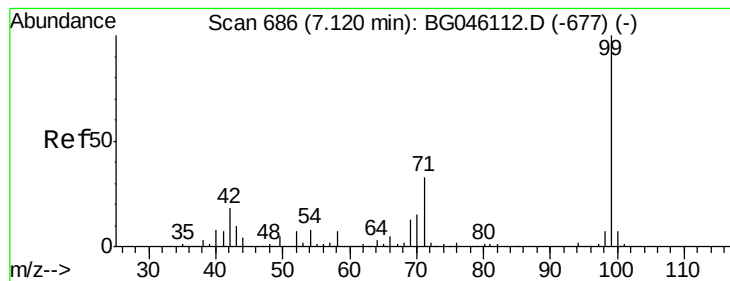


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 85.411 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046162.D

Acq: 4 Aug 2020 8:39

Instrument :

BNA\_G

ClientSampled :

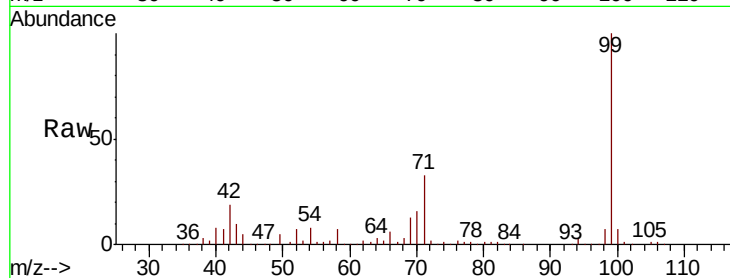
Tot Ion: 99 Resp: 568695

Ion Ratio Lower Upper

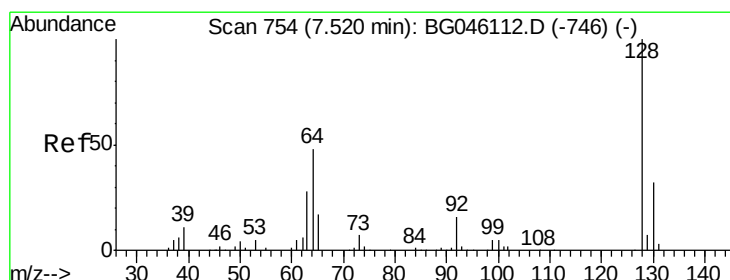
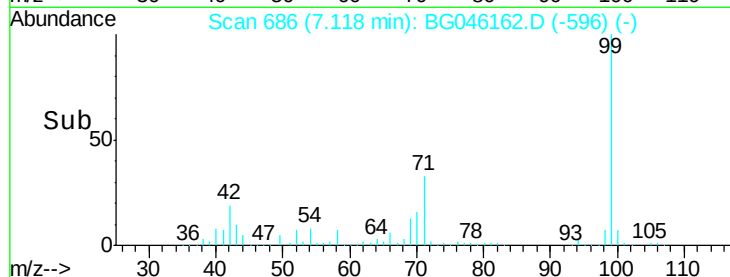
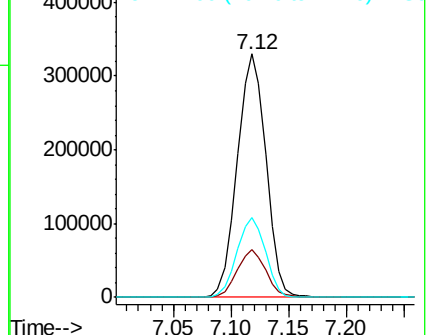
99 100

42 19.4 14.7 22.1

71 32.8 26.5 39.7



Abundance Ion 99.00 (98.70 to 99.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 41.231 ng

RT: 7.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BG046162.D

Acq: 4 Aug 2020 8:39

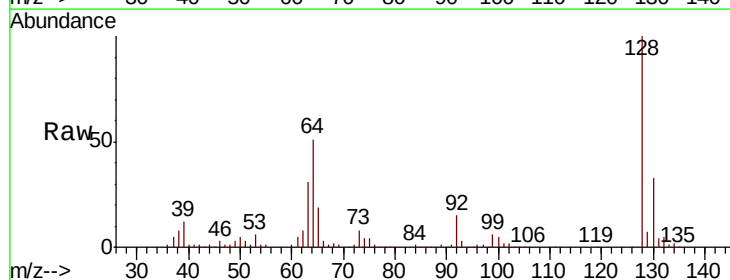
Tgt Ion: 128 Resp: 222643

Ion Ratio Lower Upper

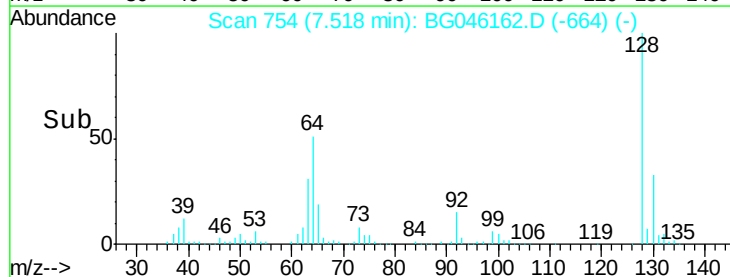
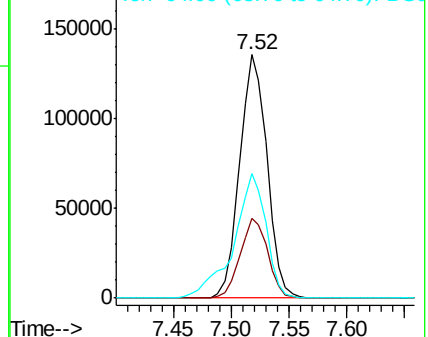
128 100

130 32.7 11.6 51.6

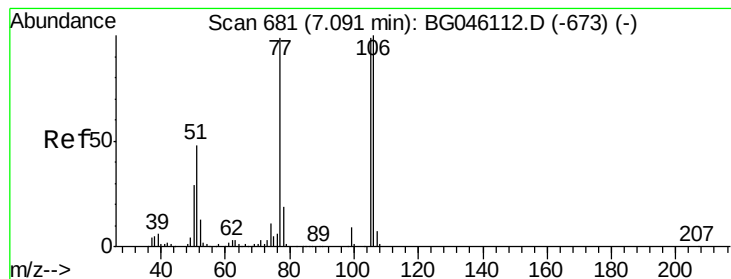
64 51.0 30.6 70.6



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







#9

Benzaldehyde

Concen: 43.085 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG046162.D

Acq: 4 Aug 2020 8:39

Instrument :

BNA\_G

ClientSampled :

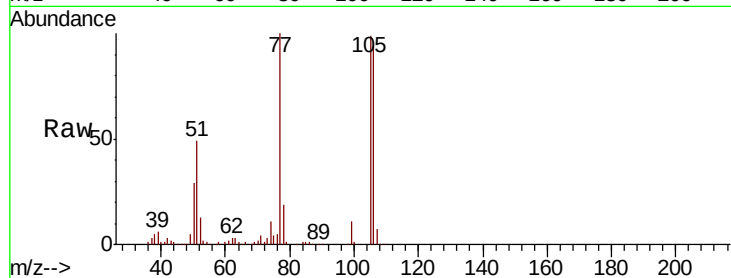
Tot Ion: 77 Resp: 170229

Ion Ratio Lower Upper

77 100

105 98.8 80.3 120.3

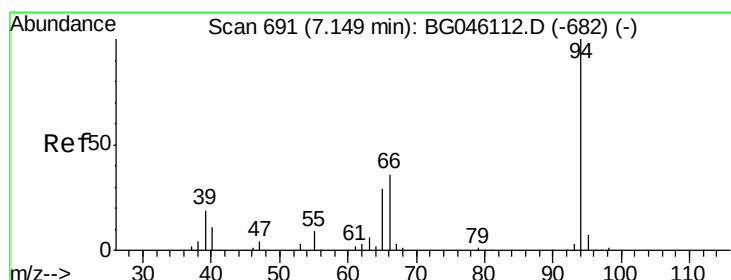
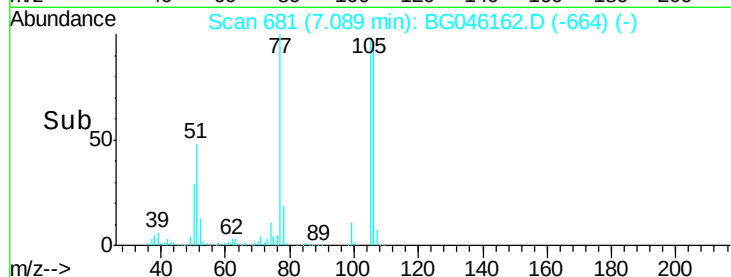
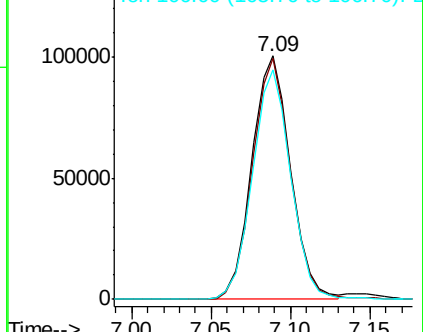
106 94.2 81.5 121.5



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: 42.166 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG046162.D

Acq: 4 Aug 2020 8:39

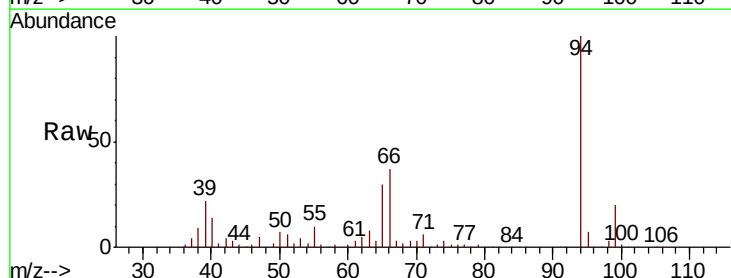
Tgt Ion: 94 Resp: 282091

Ion Ratio Lower Upper

94 100

65 29.6 9.6 49.6

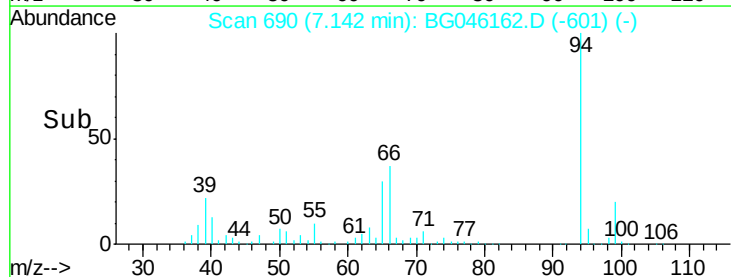
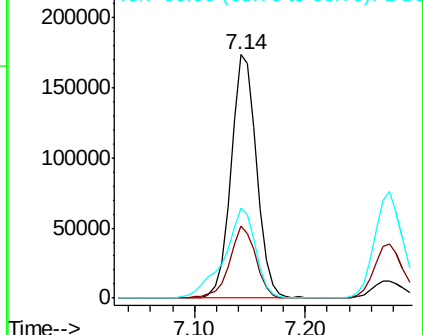
66 37.2 16.3 56.3



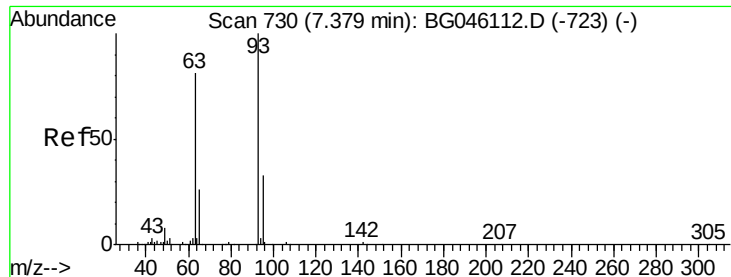
Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



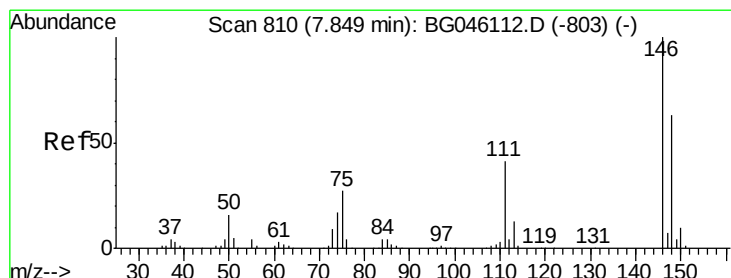
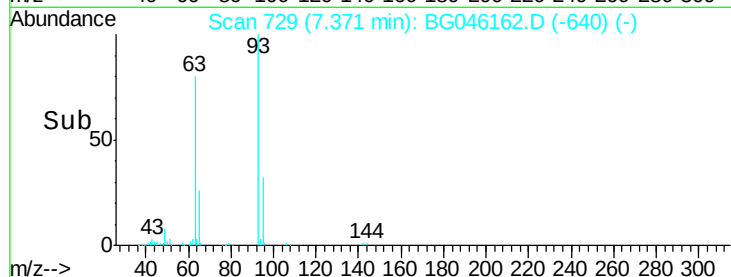
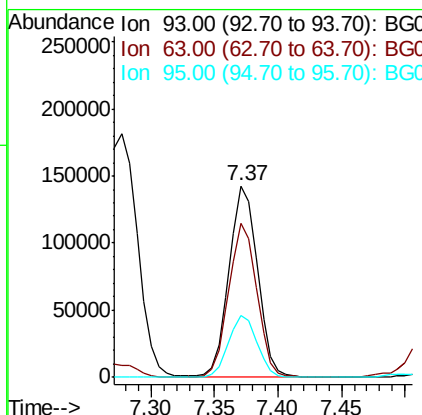
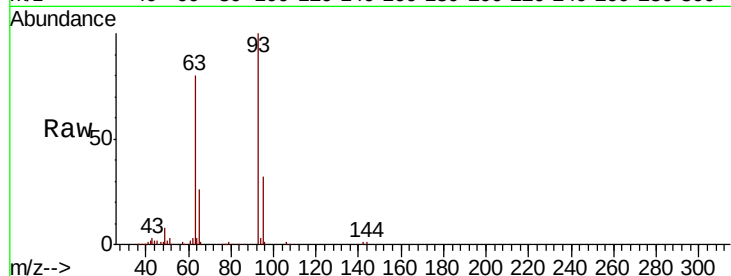




#11  
bis(2-Chloroethyl)ether  
Concen: 41.950 ng  
RT: 7.37 min Scan# 729  
Delta R.T. -0.01 min  
Lab File: BG046162.D  
Acq: 4 Aug 2020 8:39

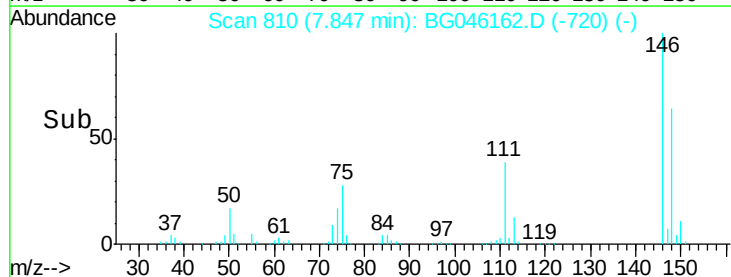
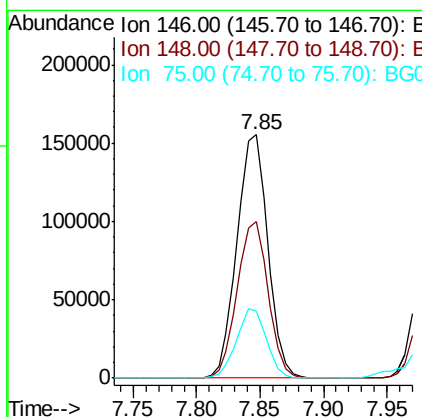
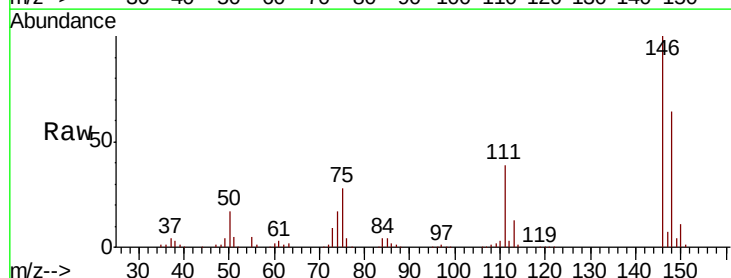
Instrument :  
BNA\_G  
ClientSampled :

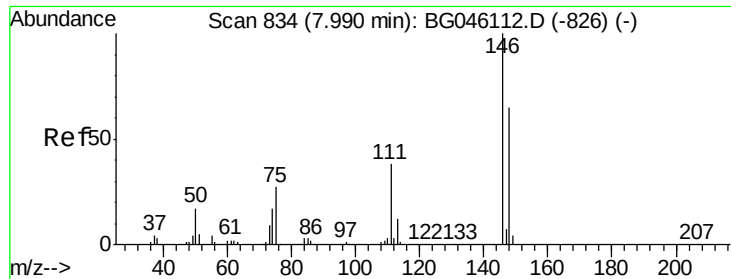
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 80.1  | 60.0  | 100.0 |
| 95      | 32.5  | 12.6  | 52.6  |



#12  
1,3-Dichlorobenzene  
Concen: 40.110 ng  
RT: 7.85 min Scan# 810  
Delta R.T. -0.00 min  
Lab File: BG046162.D  
Acq: 4 Aug 2020 8:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.2  | 50.5  | 75.7  |
| 75      | 27.8  | 21.6  | 32.4  |

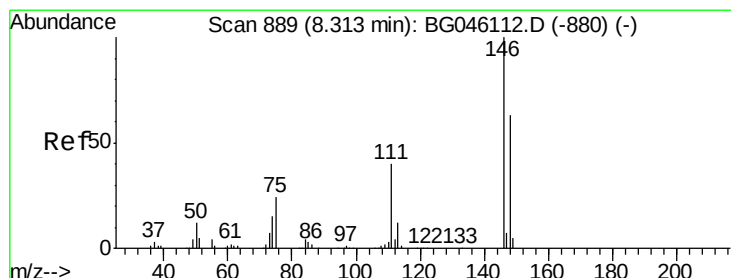
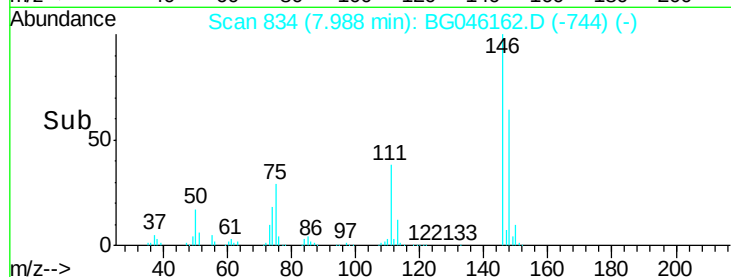
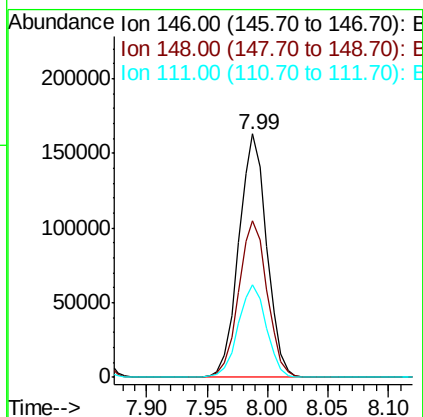
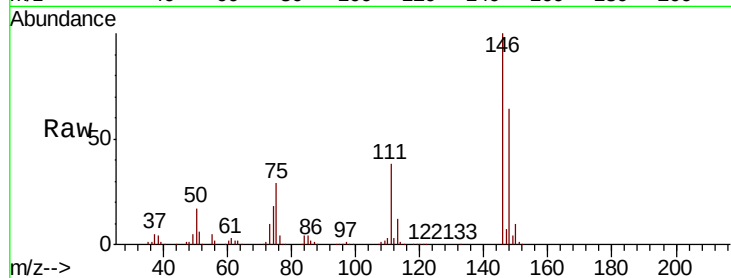




#13  
 1,4-Dichlorobenzene  
 Concen: 40.058 ng  
 RT: 7.99 min Scan# 834  
 Delta R.T. -0.00 min  
 Lab File: BG046162.D  
 Acq: 4 Aug 2020 8:39

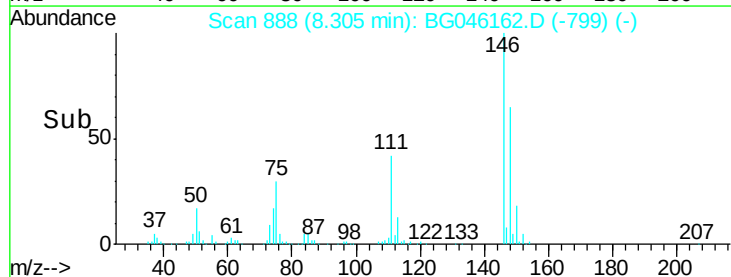
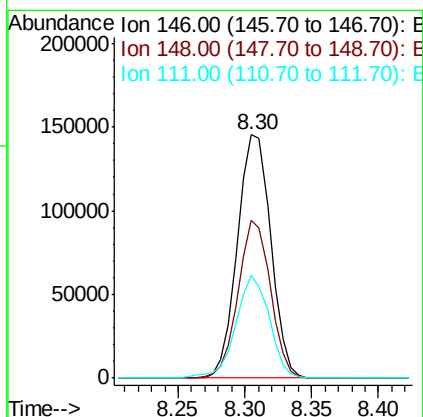
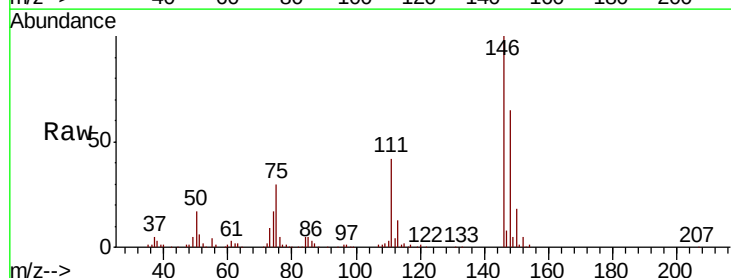
Instrument :  
 BNA\_G  
 ClientSampleId :

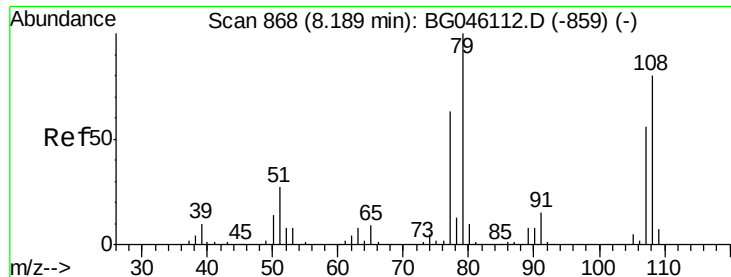
Tot Ion:146 Resp: 263275  
 Ion Ratio Lower Upper  
 146 100  
 148 64.3 51.8 77.6  
 111 38.2 30.7 46.1



#14  
 1,2-Dichlorobenzene  
 Concen: 40.661 ng  
 RT: 8.30 min Scan# 888  
 Delta R.T. -0.01 min  
 Lab File: BG046162.D  
 Acq: 4 Aug 2020 8:39

Tgt Ion:146 Resp: 252039  
 Ion Ratio Lower Upper  
 146 100  
 148 64.6 50.8 76.2  
 111 42.4 32.4 48.6

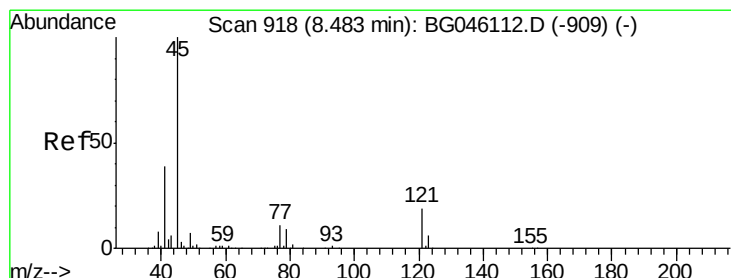
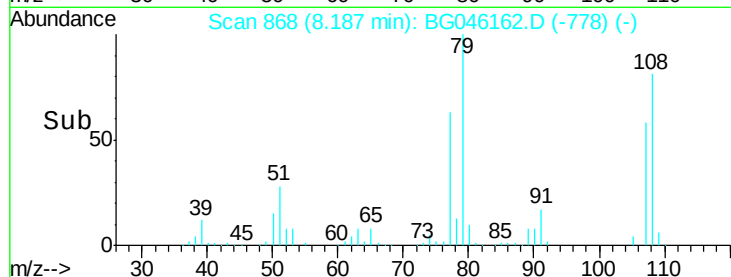
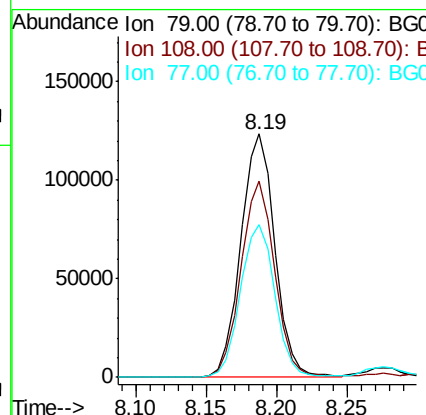
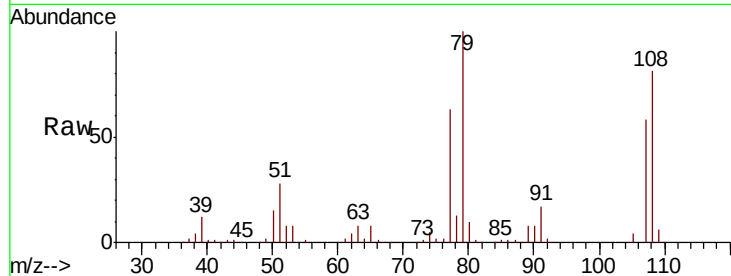




#15  
Benzyl Alcohol  
Concen: 45.369 ng  
RT: 8.19 min Scan# 868  
Delta R.T. -0.00 min  
Lab File: BG046162.D  
Acq: 4 Aug 2020 8:39

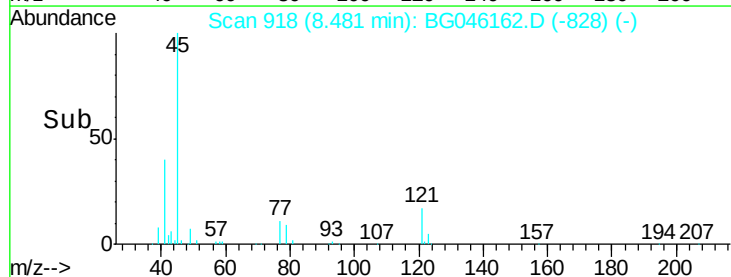
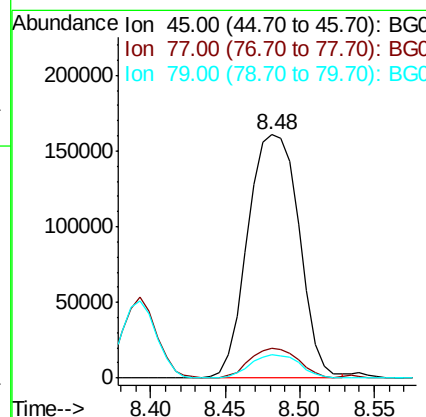
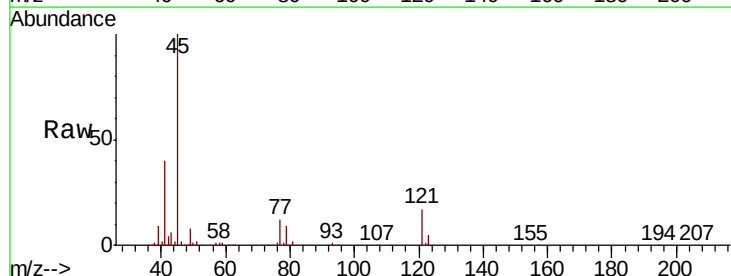
Instrument :  
BNA\_G  
ClientSampleId :

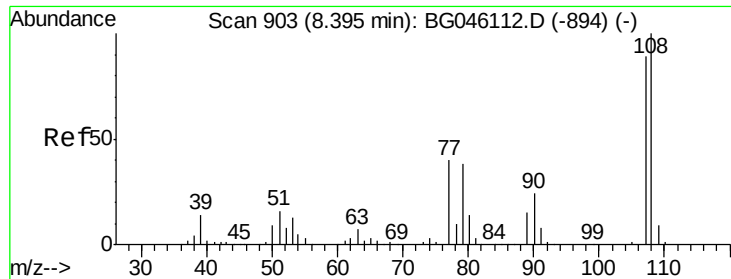
Tot Ion: 79 Resp: 208691  
Ion Ratio Lower Upper  
79 100  
108 80.5 64.1 96.1  
77 62.9 50.2 75.2



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 43.826 ng  
RT: 8.48 min Scan# 918  
Delta R.T. -0.00 min  
Lab File: BG046162.D  
Acq: 4 Aug 2020 8:39

Tgt Ion: 45 Resp: 382342  
Ion Ratio Lower Upper  
45 100  
77 12.0 0.0 31.9  
79 9.5 0.0 29.5

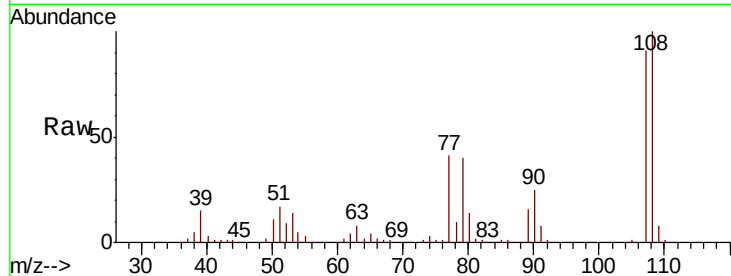




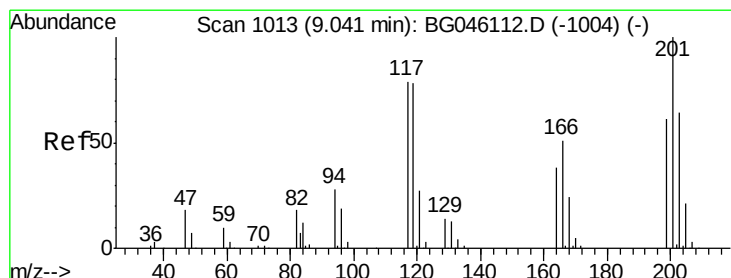
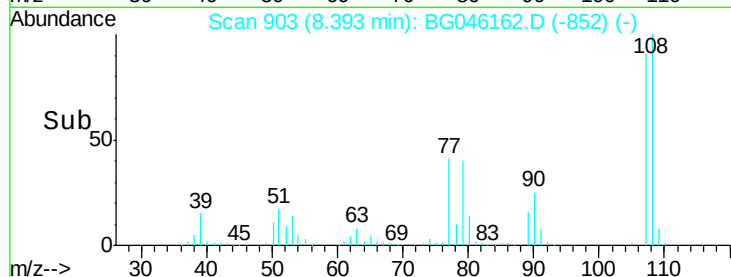
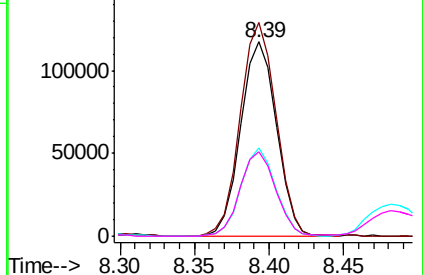
#17  
2-Methylphenol  
Concen: 43.419 ng  
RT: 8.39 min Scan# 903  
Delta R.T. -0.00 min  
Lab File: BG046162.D  
Acq: 4 Aug 2020 8:39

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 196099 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 110.0 | 90.0  | 135.0  |
| 77       | 45.4  | 35.6  | 53.4   |
| 79       | 43.9  | 34.4  | 51.6   |

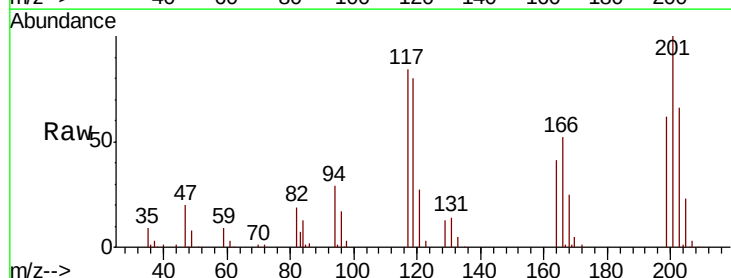


Abundance Ion 107.00 (106.70 to 107.70): E  
200000 Ion 108.00 (107.70 to 108.70): E  
150000 Ion 77.00 (76.70 to 77.70): BG  
100000 Ion 79.00 (78.70 to 79.70): BG  
50000  
0

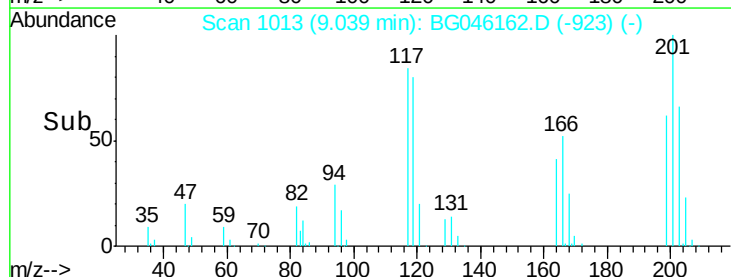
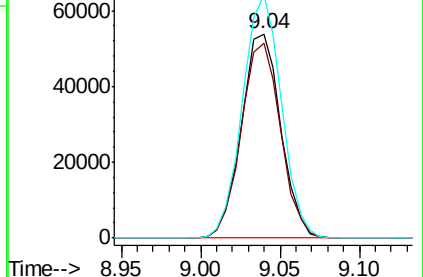


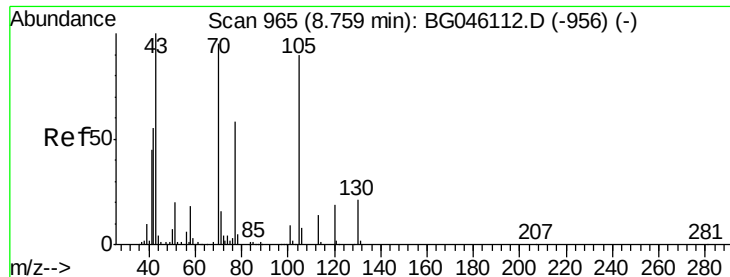
#18  
Hexachloroethane  
Concen: 42.286 ng  
RT: 9.04 min Scan# 1013  
Delta R.T. -0.00 min  
Lab File: BG046162.D  
Acq: 4 Aug 2020 8:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 92950 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 95.7  | 78.5  | 117.7 |
| 201      | 119.3 | 101.0 | 151.4 |



Abundance Ion 117.00 (116.70 to 117.70): E  
80000 Ion 119.00 (118.70 to 119.70): E  
60000 Ion 201.00 (200.70 to 201.70): E  
40000  
20000  
0

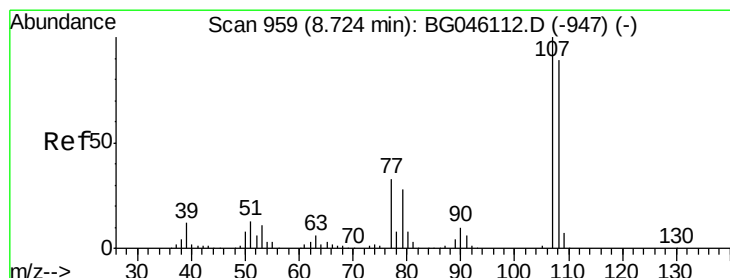
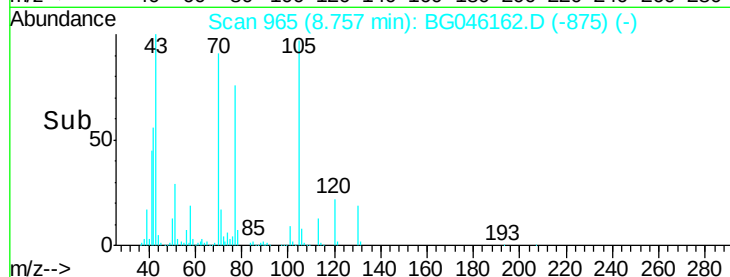
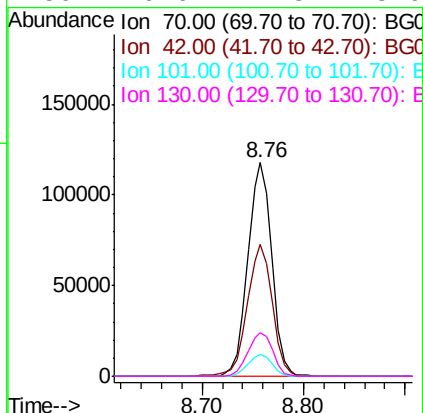
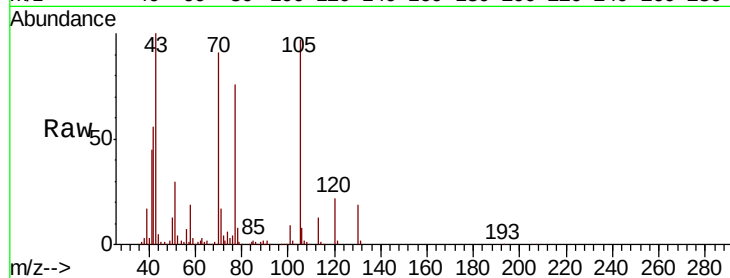




#19  
n-Nitroso-di-n-propylamine  
Concen: 44.174 ng  
RT: 8.76 min Scan# 965  
Delta R.T. -0.00 min  
Lab File: BG046162.D  
Acq: 4 Aug 2020 8:39

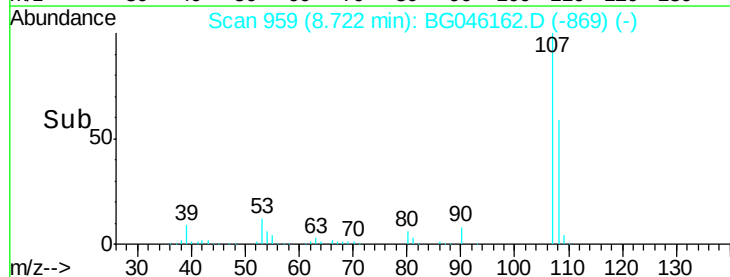
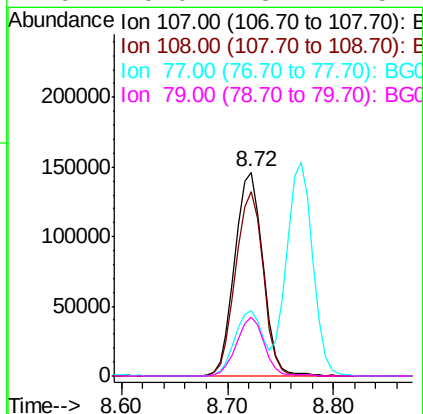
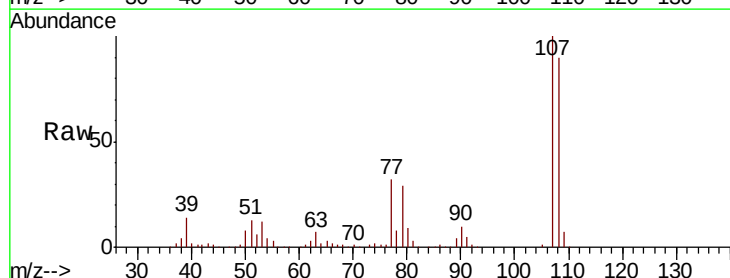
Instrument :  
BNA\_G  
ClientSampleId :

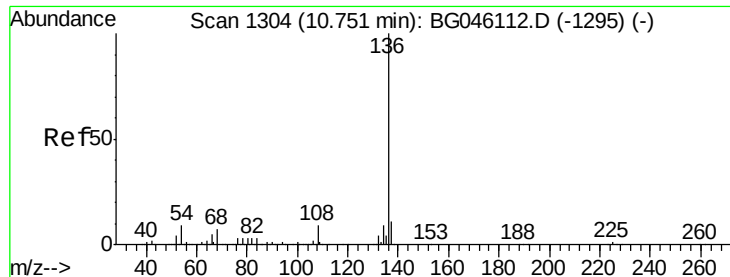
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 191424 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 61.5  | 46.5  | 69.7   |
| 101      | 10.0  | 7.6   | 11.4   |
| 130      | 20.6  | 17.3  | 25.9   |



#20  
3+4-Methylphenols  
Concen: 43.637 ng  
RT: 8.72 min Scan# 959  
Delta R.T. -0.00 min  
Lab File: BG046162.D  
Acq: 4 Aug 2020 8:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 269753 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 90.3  | 69.1  | 109.1  |
| 77       | 32.3  | 12.5  | 52.5   |
| 79       | 29.0  | 8.4   | 48.4   |

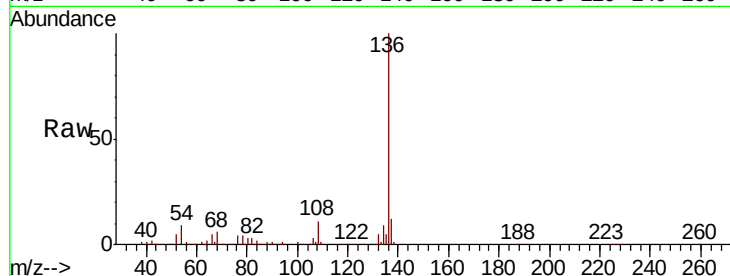




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.75 min Scan# 1304  
Delta R.T. -0.00 min  
Lab File: BG046162.D  
Acq: 4 Aug 2020 8:39

Instrument :  
BNA\_G  
ClientSampleId :

|             |       |             |
|-------------|-------|-------------|
| Tot Ion:136 | Resp: | 324988      |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 11.7  | 8.8 13.2    |
| 54          | 9.3   | 7.0 10.4    |
| 68          | 6.4   | 5.3 7.9     |



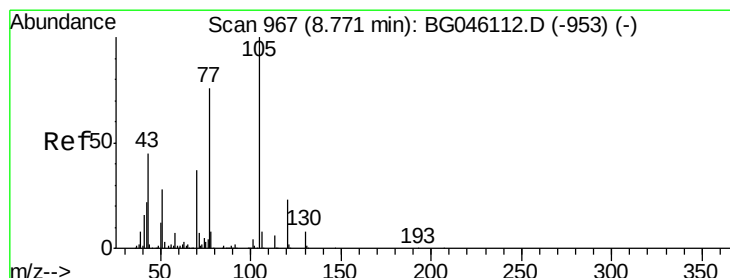
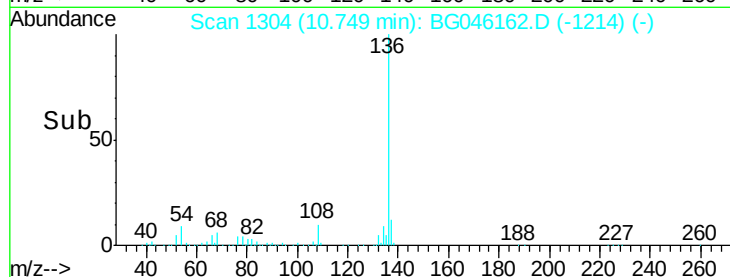
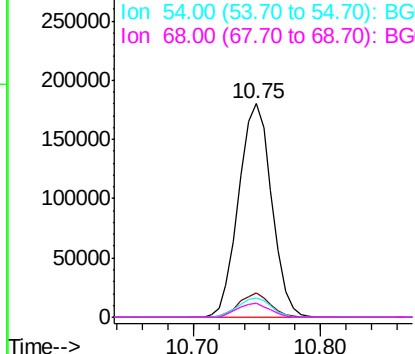
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

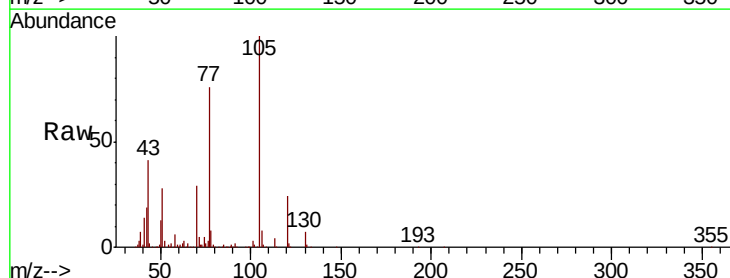
Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22  
Acetophenone  
Concen: 41.632 ng  
RT: 8.77 min Scan# 967  
Delta R.T. -0.00 min  
Lab File: BG046162.D  
Acq: 4 Aug 2020 8:39

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:105 | Resp: | 347231      |
| Ion         | Ratio | Lower Upper |
| 105         | 100   |             |
| 71          | 5.2   | 5.3 7.9#    |
| 51          | 28.1  | 22.7 34.1   |
| 120         | 23.9  | 18.7 28.1   |



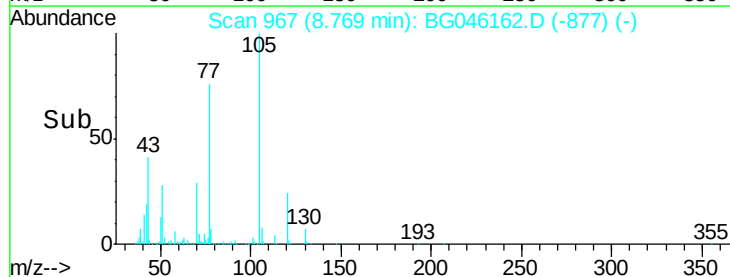
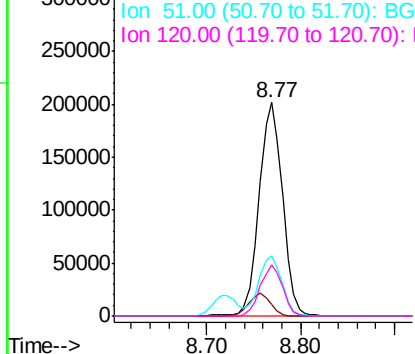
Abundance

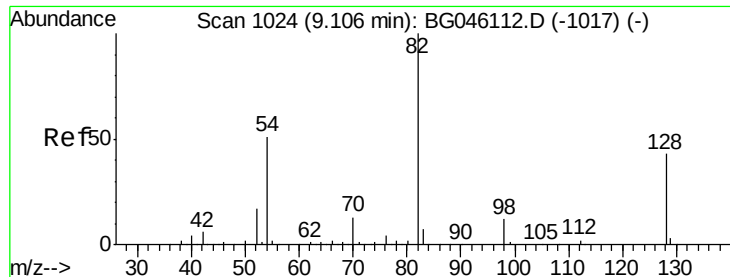
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

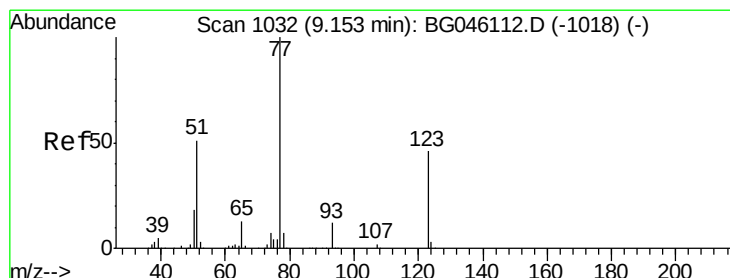
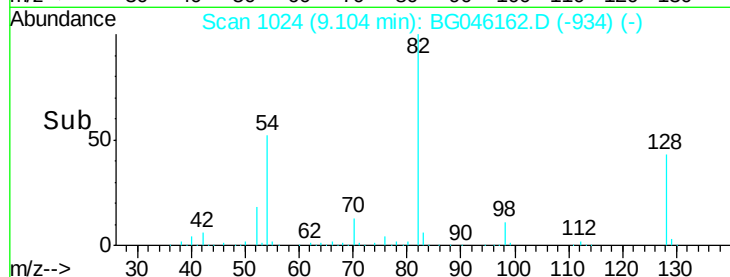
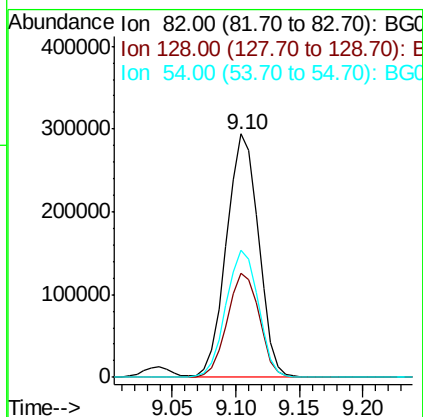
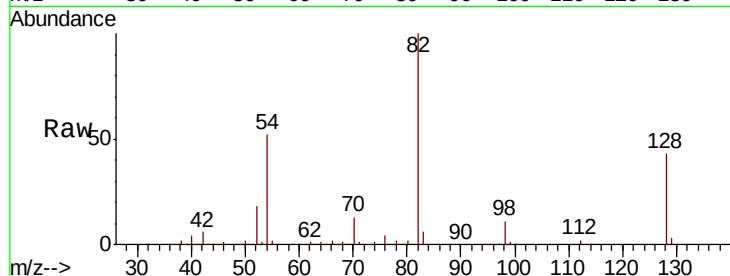




#23  
Nitrobenzene-d5  
Concen: 85.623 ng  
RT: 9.10 min Scan# 1024  
Delta R.T. -0.00 min  
Lab File: BG046162.D  
Acq: 4 Aug 2020 8:39

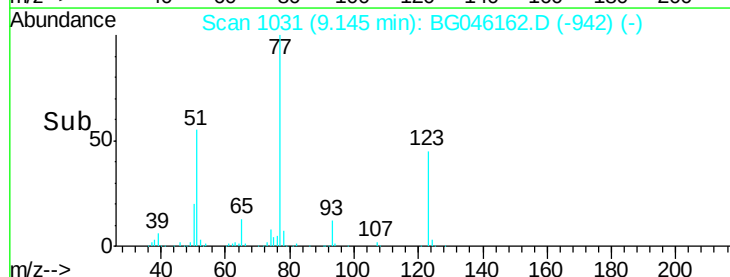
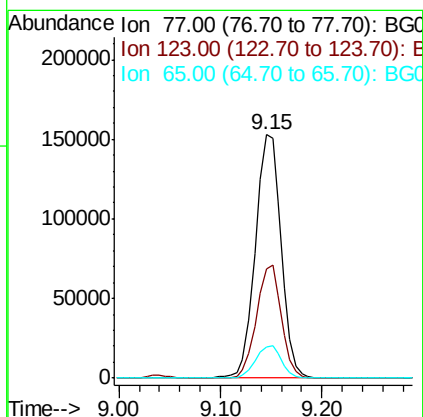
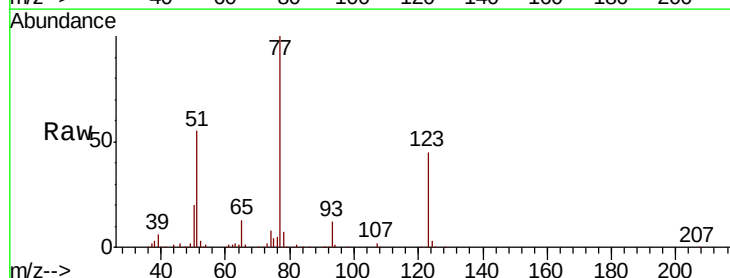
Instrument :  
BNA\_G  
ClientSampled :

| Tot Ion   | 82   | Resp  | 513948 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 42.7 | 34.4  | 51.6   |
| 54        | 52.5 | 40.8  | 61.2   |

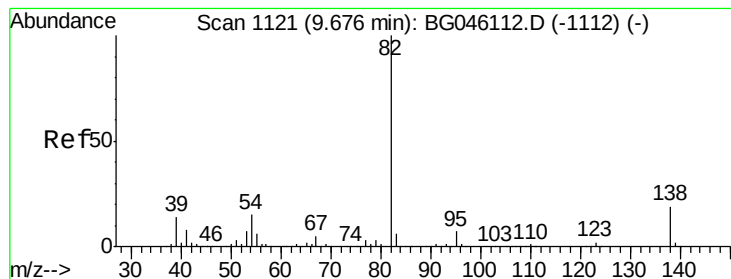


#24  
Nitrobenzene  
Concen: 42.279 ng  
RT: 9.15 min Scan# 1031  
Delta R.T. -0.01 min  
Lab File: BG046162.D  
Acq: 4 Aug 2020 8:39

| Tgt Ion   | 77   | Resp  | 270567 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 123       | 45.1 | 36.8  | 55.2   |
| 65        | 13.0 | 10.2  | 15.2   |







#25

Isophorone

Concen: 44.558 ng

RT: 9.67 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG046162.D

Acq: 4 Aug 2020 8:39

Instrument :

BNA\_G

ClientSampleId :

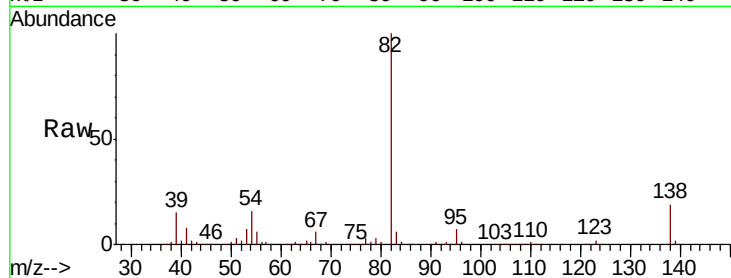
Tot Ion: 82 Resp: 532185

Ion Ratio Lower Upper

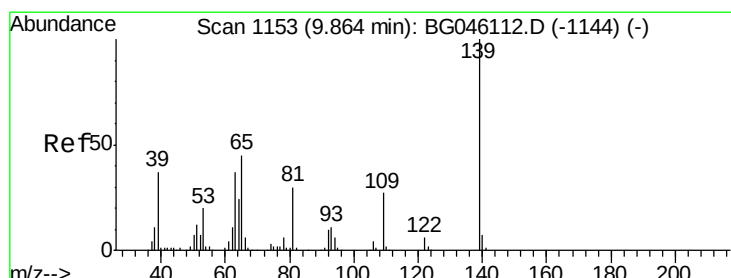
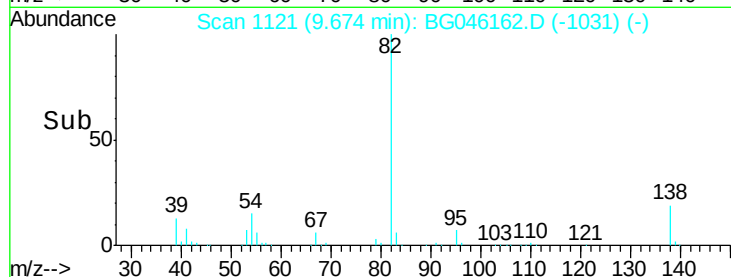
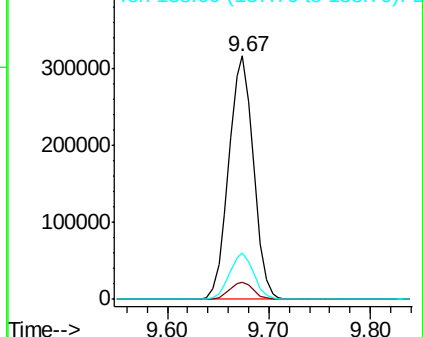
82 100

95 7.0 5.5 8.3

138 19.0 15.3 22.9



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



#26

2-Nitrophenol

Concen: 44.141 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG046162.D

Acq: 4 Aug 2020 8:39

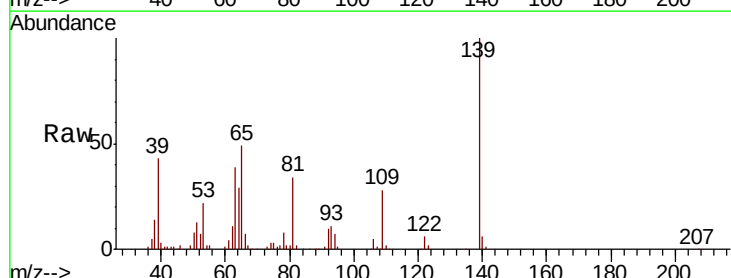
Tgt Ion: 139 Resp: 128025

Ion Ratio Lower Upper

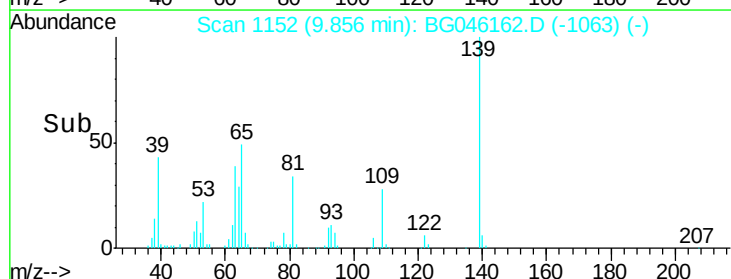
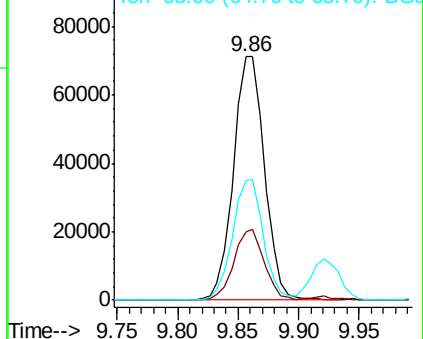
139 100

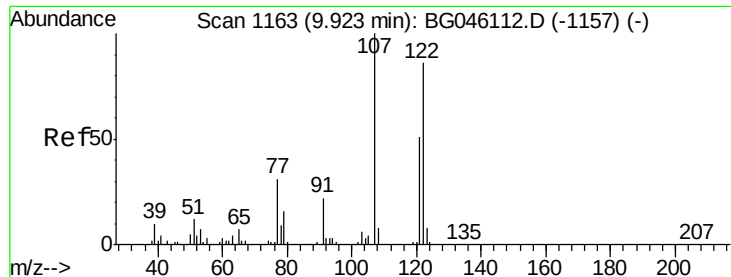
109 28.1 21.8 32.8

65 49.3 36.2 54.2



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

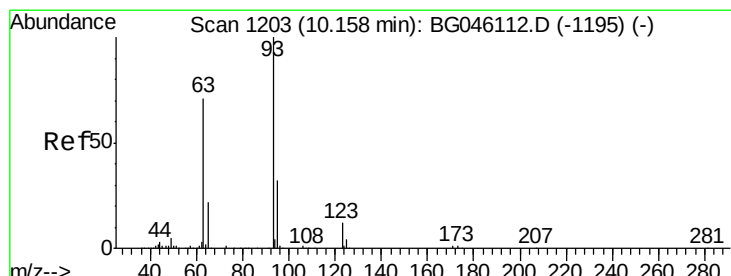
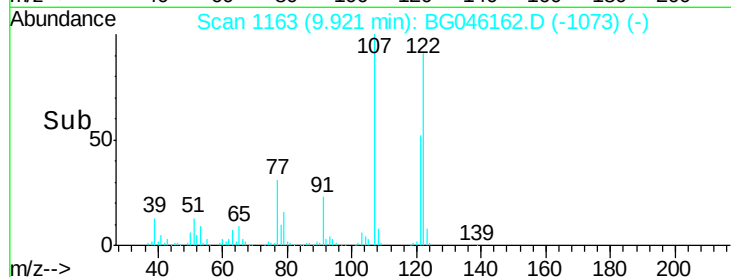
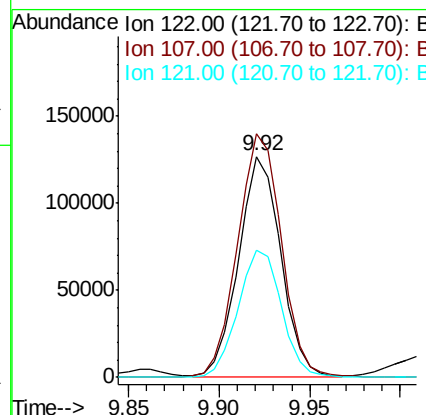
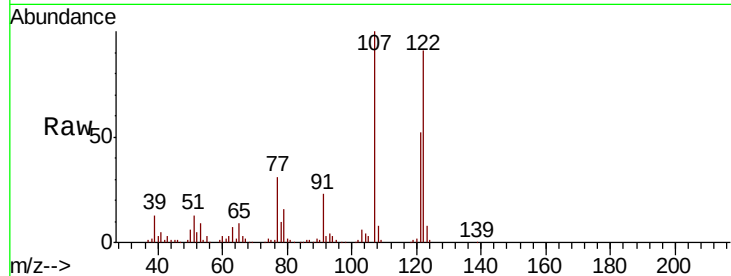




#27  
 2,4-Dimethylphenol  
 Concen: 43.327 ng  
 RT: 9.92 min Scan# 1163  
 Delta R.T. -0.00 min  
 Lab File: BG046162.D  
 Acq: 4 Aug 2020 8:39

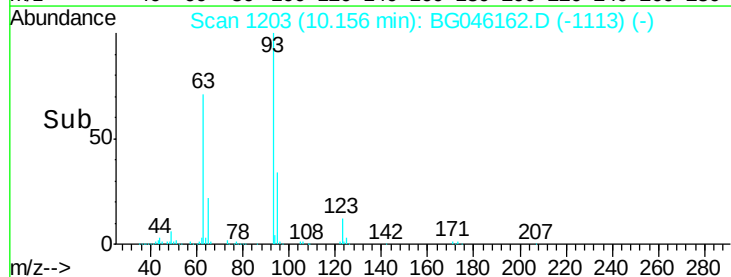
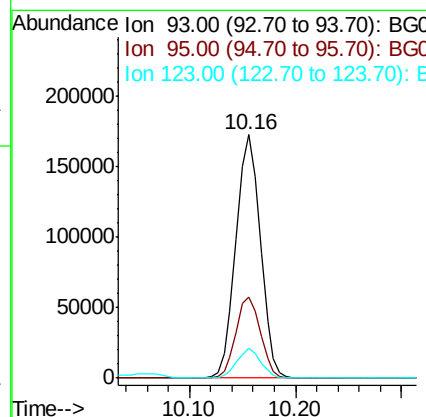
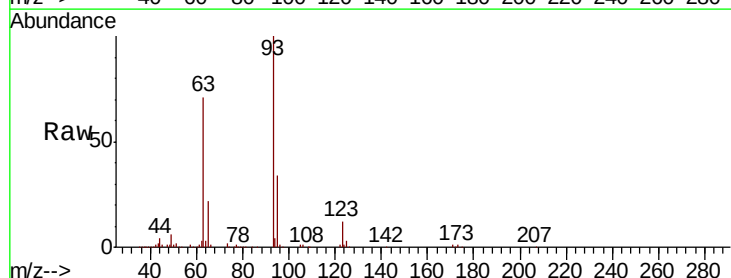
Instrument :  
 BNA\_G  
 ClientSampleId :

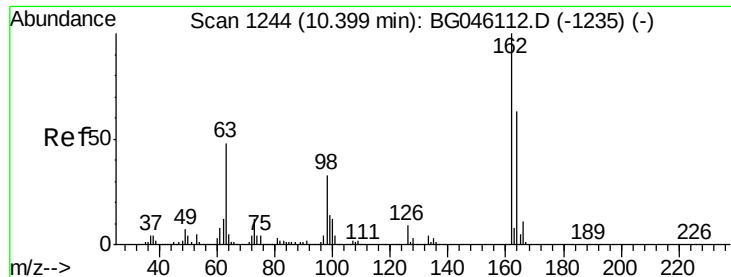
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 110.2 | 92.4  | 138.6 |
| 121     | 57.7  | 47.0  | 70.6  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 42.545 ng  
 RT: 10.16 min Scan# 1203  
 Delta R.T. -0.00 min  
 Lab File: BG046162.D  
 Acq: 4 Aug 2020 8:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.5  | 26.0  | 39.0  |
| 123     | 12.0  | 9.7   | 14.5  |

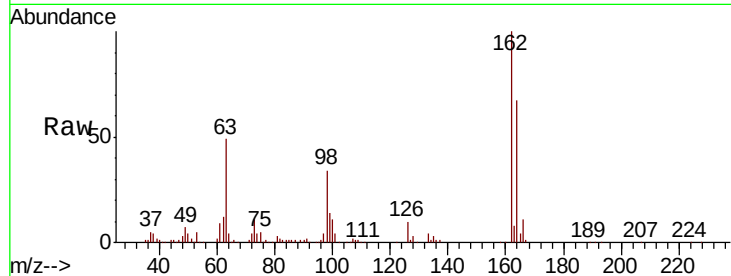




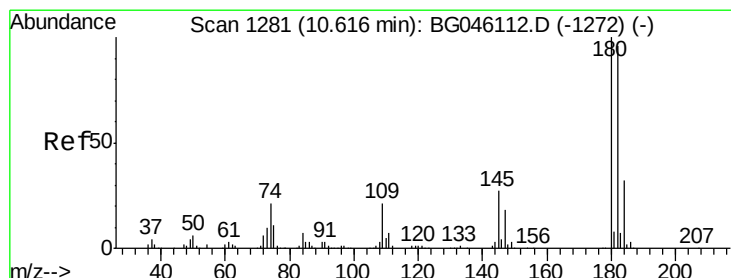
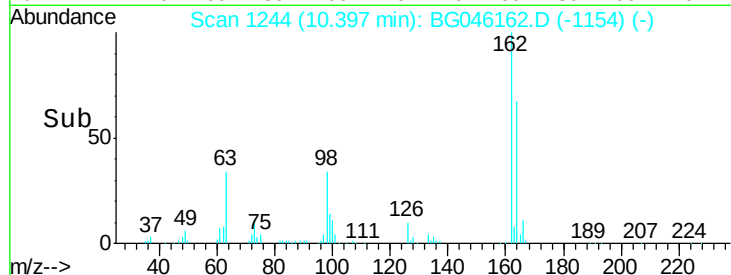
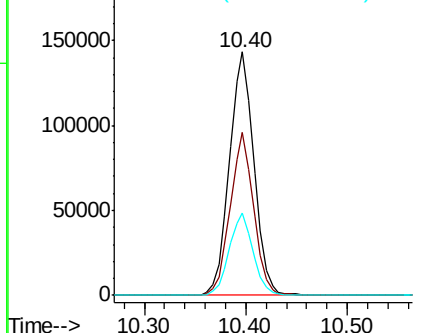
#29  
 2,4-Dichlorophenol  
 Concen: 43.281 ng  
 RT: 10.40 min Scan# 1244  
 Delta R.T. -0.00 min  
 Lab File: BG046162.D  
 Acq: 4 Aug 2020 8:39

Instrument :  
 BNA\_G  
 ClientSampleId :

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 240245 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 66.9  | 43.3  | 83.3   |
| 98        | 33.6  | 13.1  | 53.1   |

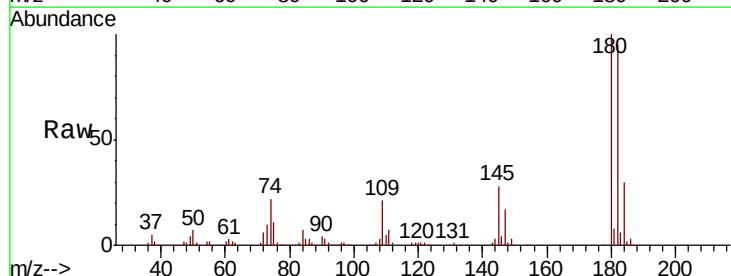


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): B

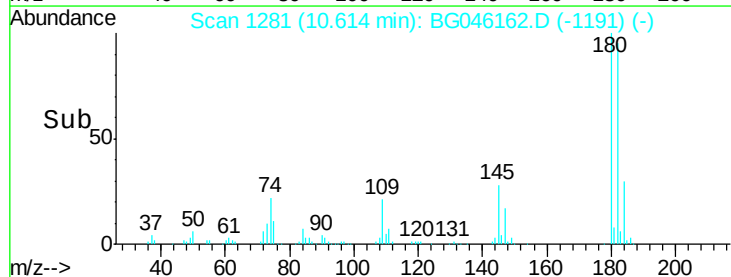
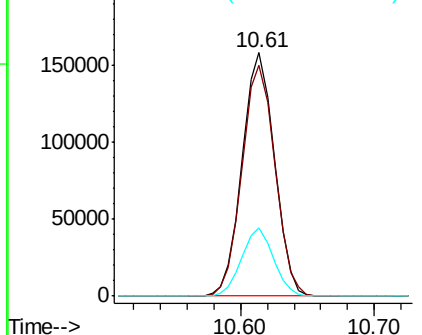


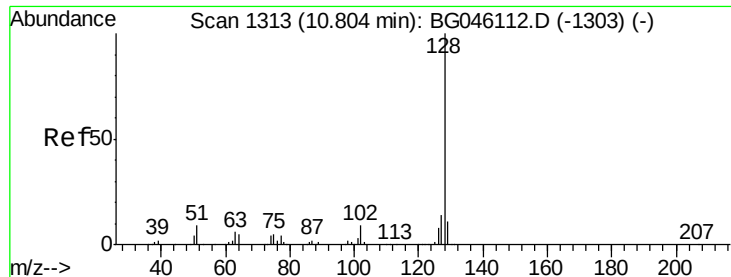
#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.768 ng  
 RT: 10.61 min Scan# 1281  
 Delta R.T. -0.00 min  
 Lab File: BG046162.D  
 Acq: 4 Aug 2020 8:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 265104 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.6  | 76.7  | 115.1  |
| 145       | 27.9  | 21.8  | 32.8   |



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

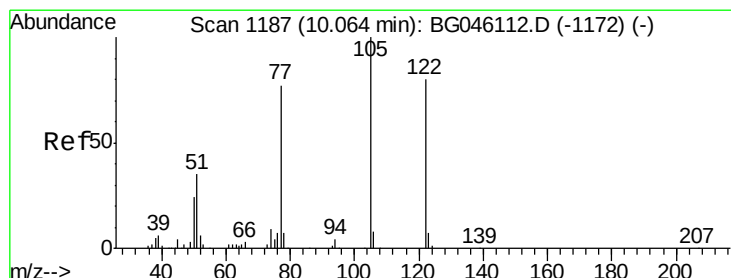
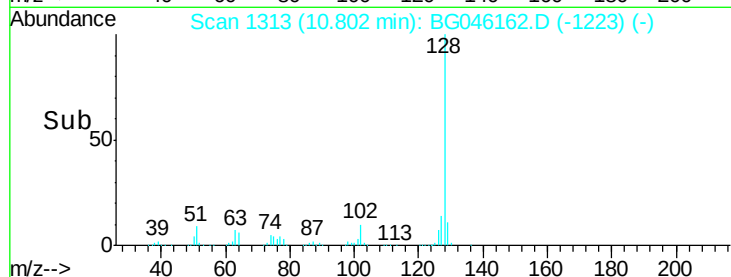
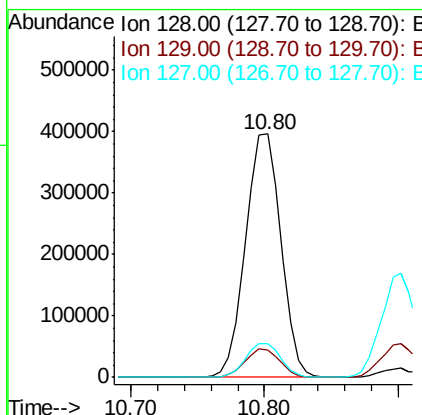
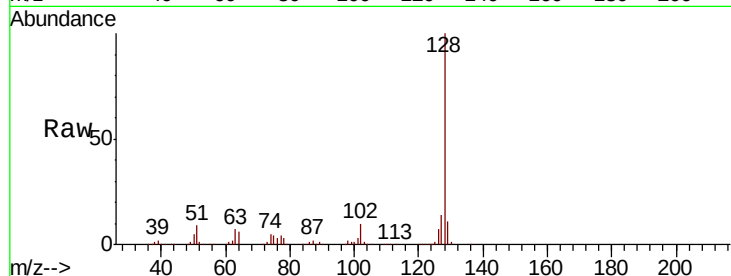




#31  
Naphthalene  
Concen: 42.098 ng  
RT: 10.80 min Scan# 1313  
Delta R.T. -0.00 min  
Lab File: BG046162.D  
Acq: 4 Aug 2020 8:39

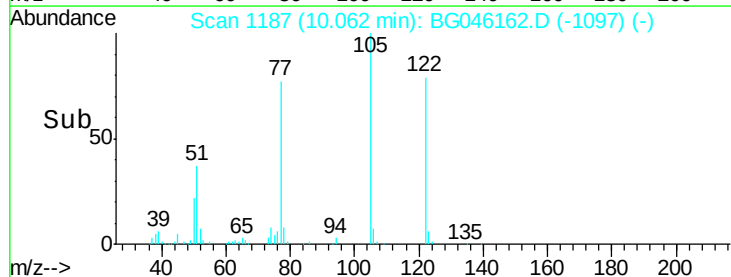
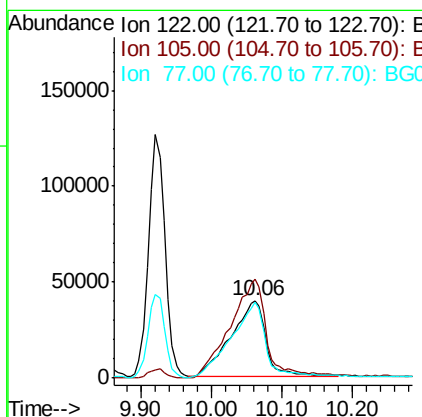
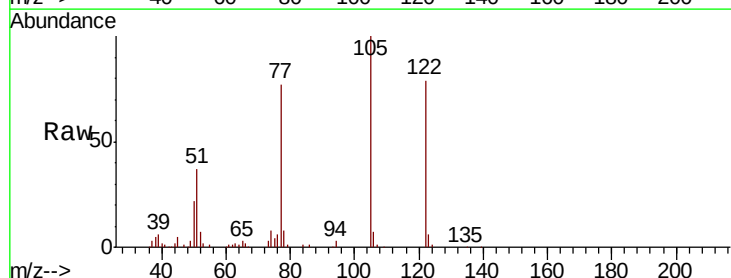
Instrument :  
BNA\_G  
ClientSampleId :

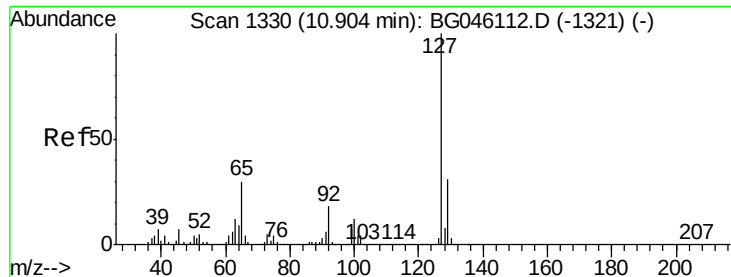
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.2  | 9.1   | 13.7  |
| 127     | 13.8  | 11.3  | 16.9  |



#32  
Benzoic acid  
Concen: 41.509 ng  
RT: 10.06 min Scan# 1187  
Delta R.T. -0.00 min  
Lab File: BG046162.D  
Acq: 4 Aug 2020 8:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 126.9 | 103.0 | 143.0 |
| 77      | 97.8  | 75.2  | 115.2 |

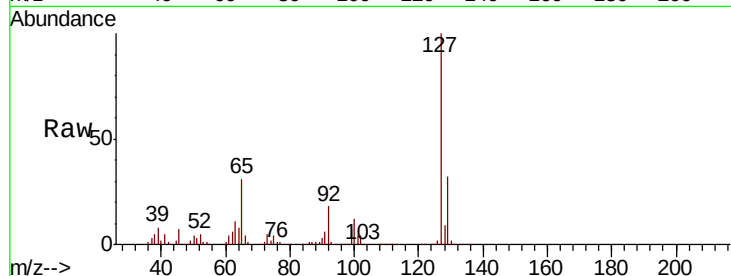




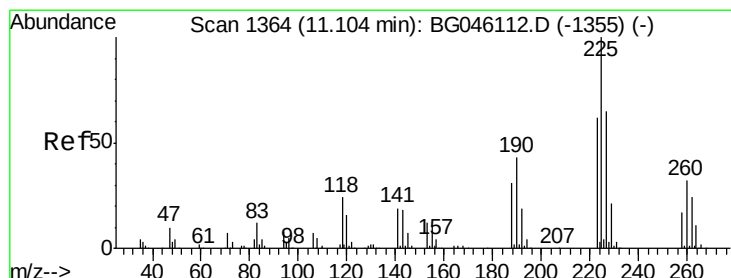
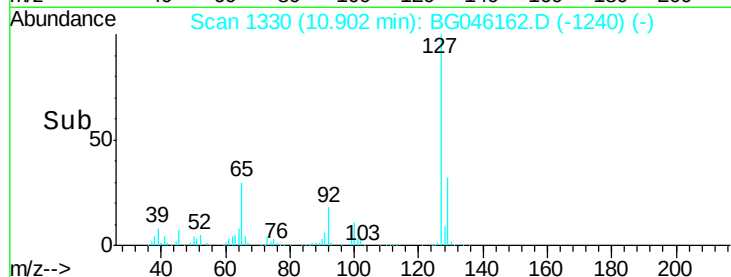
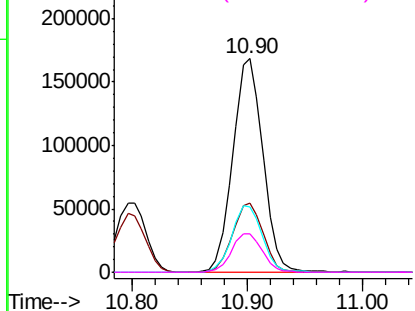
#33  
4-Chloroaniline  
Concen: 43.393 ng  
RT: 10.90 min Scan# 1330  
Delta R.T. -0.00 min  
Lab File: BG046162.D  
Acq: 4 Aug 2020 8:39

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 304915 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.3  | 25.2  | 37.8   |
| 65       | 30.5  | 24.2  | 36.2   |
| 92       | 18.1  | 14.5  | 21.7   |

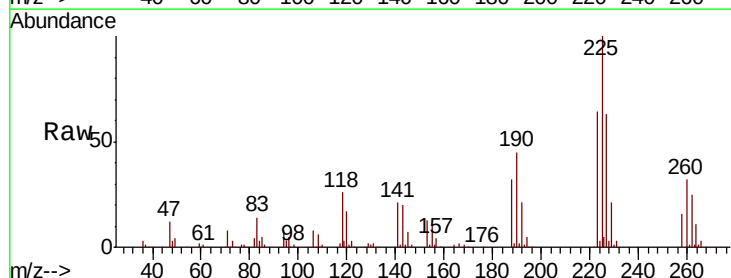


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

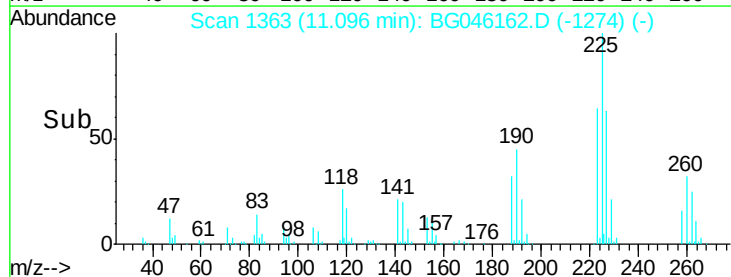
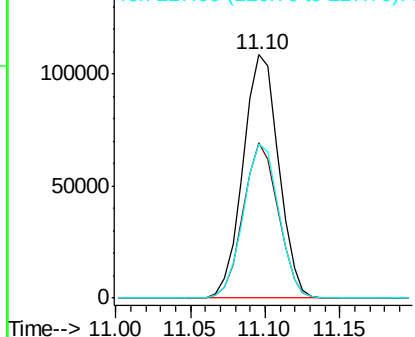


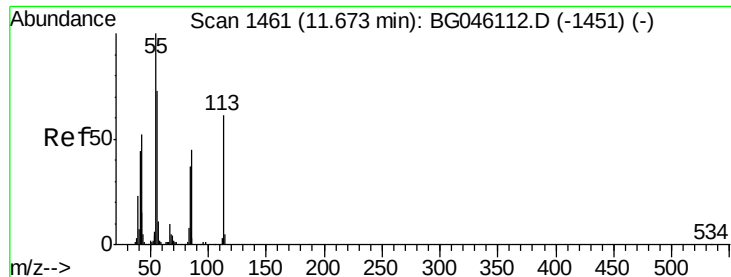
#34  
Hexachlorobutadiene  
Concen: 41.362 ng  
RT: 11.10 min Scan# 1363  
Delta R.T. -0.01 min  
Lab File: BG046162.D  
Acq: 4 Aug 2020 8:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 179046 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.0  | 49.8  | 74.6   |
| 227      | 63.0  | 51.9  | 77.9   |



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

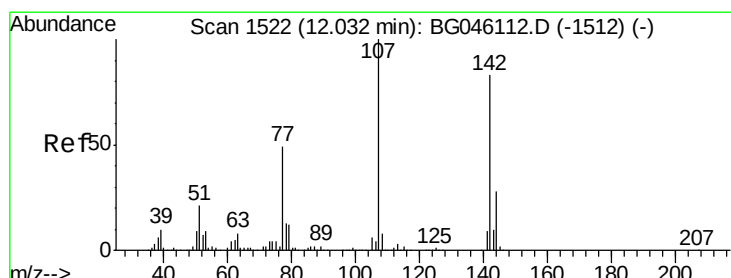
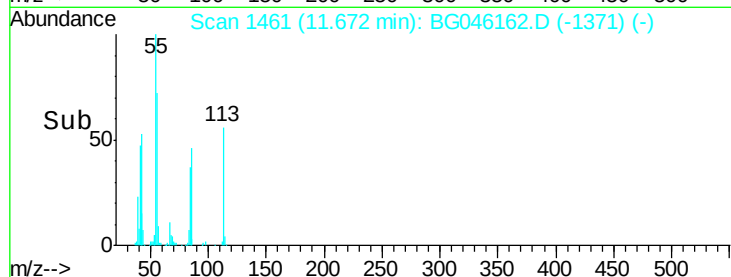
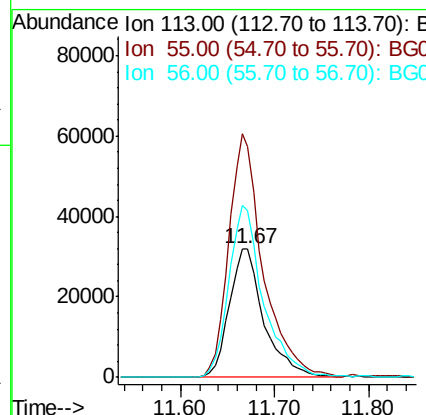
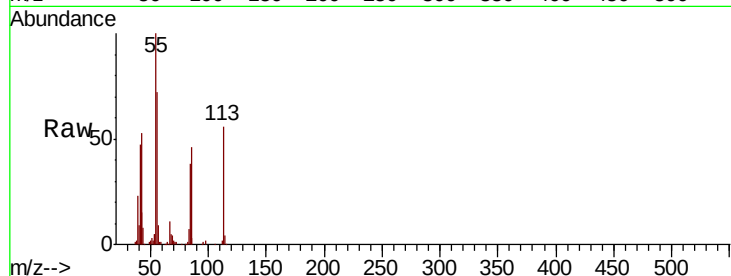




#35  
 Caprolactam  
 Concen: 45.046 ng  
 RT: 11.67 min Scan# 1461  
 Delta R.T. -0.00 min  
 Lab File: BG046162.D  
 Acq: 4 Aug 2020 8:39

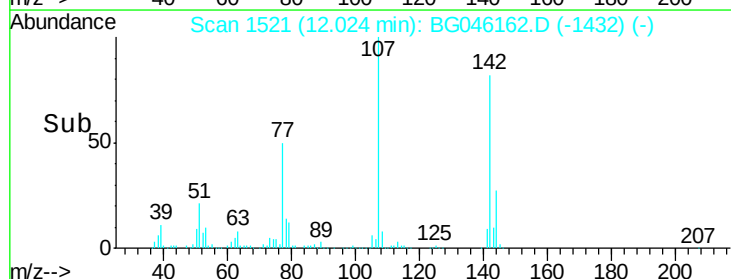
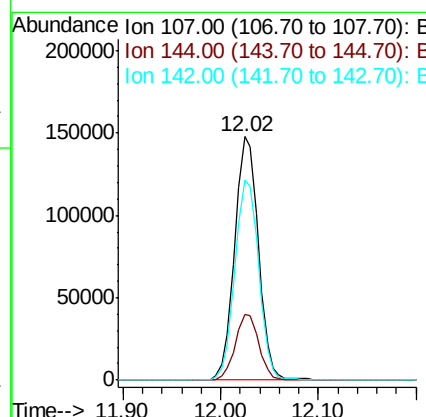
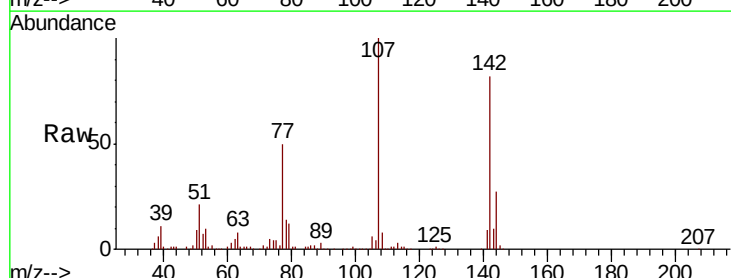
Instrument :  
 BNA\_G  
 ClientSampleId :

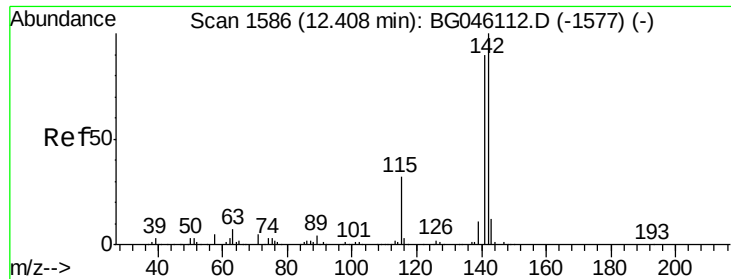
Tot Ion:113 Resp: 81841  
 Ion Ratio Lower Upper  
 113 100  
 55 180.0 144.7 184.7  
 56 129.9 99.4 139.4



#36  
 4-Chloro-3-methylphenol  
 Concen: 45.906 ng  
 RT: 12.02 min Scan# 1521  
 Delta R.T. -0.01 min  
 Lab File: BG046162.D  
 Acq: 4 Aug 2020 8:39

Tgt Ion:107 Resp: 250064  
 Ion Ratio Lower Upper  
 107 100  
 144 26.7 22.4 33.6  
 142 82.4 66.6 100.0

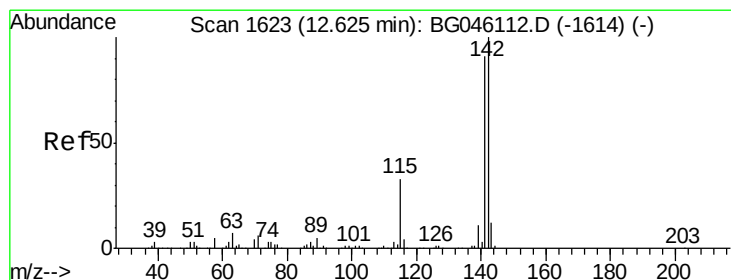
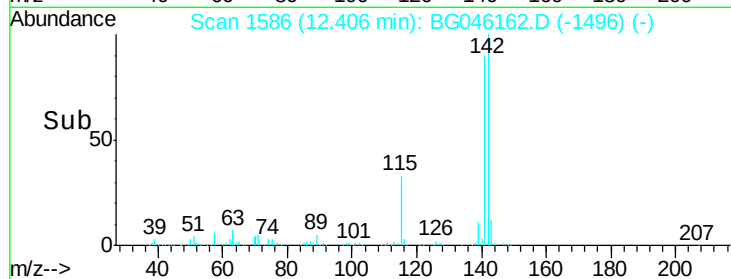
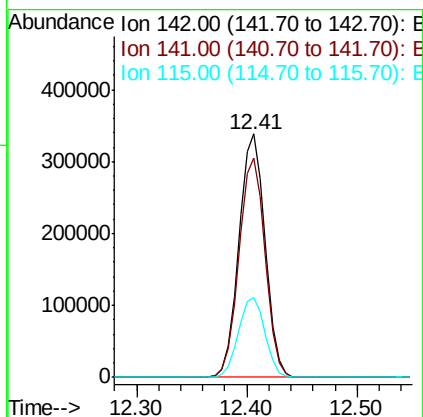
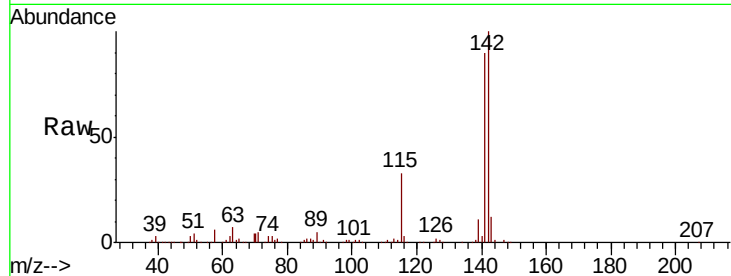




#37  
 2-Methylnaphthalene  
 Concen: 42.359 ng  
 RT: 12.41 min Scan# 1586  
 Delta R.T. -0.00 min  
 Lab File: BG046162.D  
 Acq: 4 Aug 2020 8:39

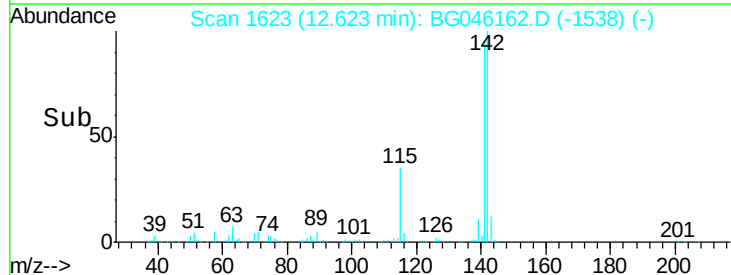
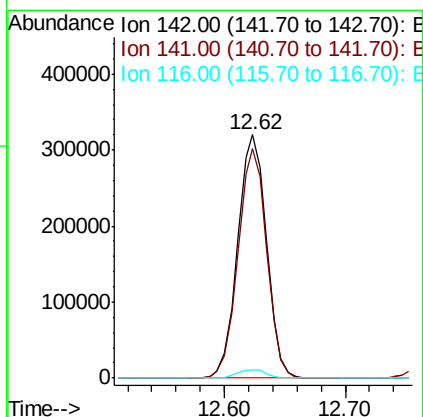
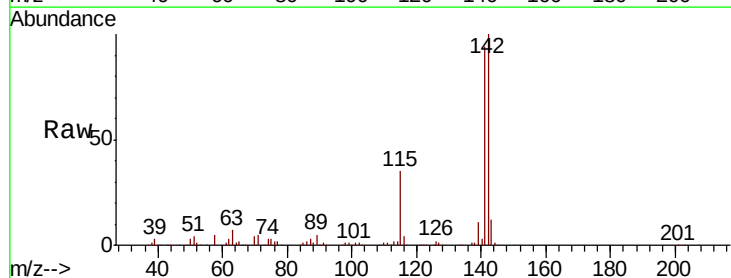
Instrument :  
 BNA\_G  
 ClientSampleId :

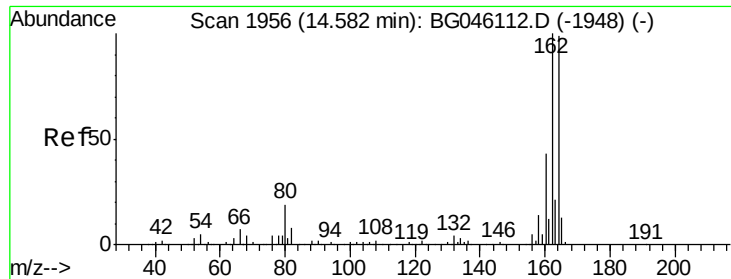
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.1  | 71.7  | 107.5 |
| 115     | 32.6  | 25.8  | 38.8  |



#38  
 1-Methylnaphthalene  
 Concen: 42.381 ng  
 RT: 12.62 min Scan# 1623  
 Delta R.T. -0.00 min  
 Lab File: BG046162.D  
 Acq: 4 Aug 2020 8:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 94.1  | 73.0  | 109.4 |
| 116     | 3.6   | 2.8   | 4.2   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG046162.D

Acq: 4 Aug 2020 8:39

Instrument :

BNA\_G

ClientSampleId :

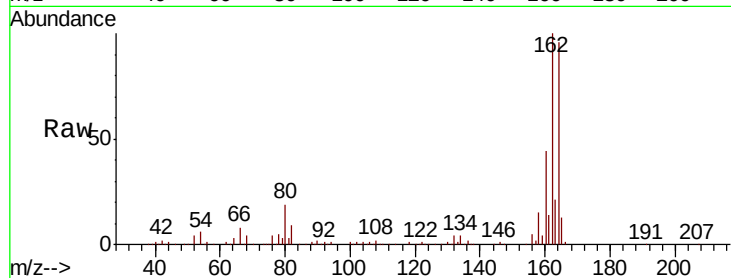
Tot Ion:164 Resp: 215751

Ion Ratio Lower Upper

164 100

162 103.7 80.6 121.0

160 45.9 34.9 52.3

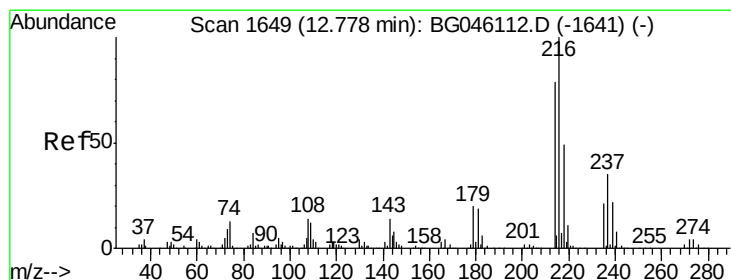
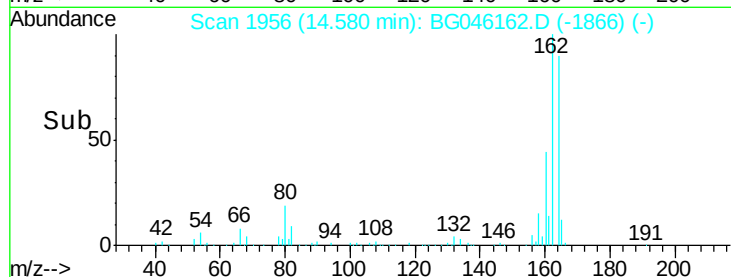
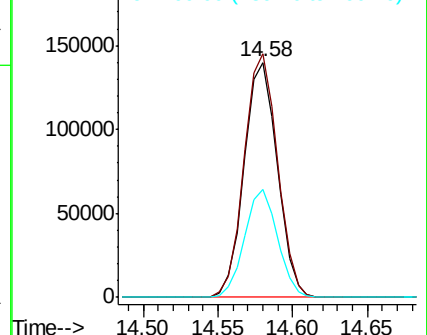


Abundance

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: 40.207 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BG046162.D

Acq: 4 Aug 2020 8:39

Tgt Ion:216 Resp: 312549

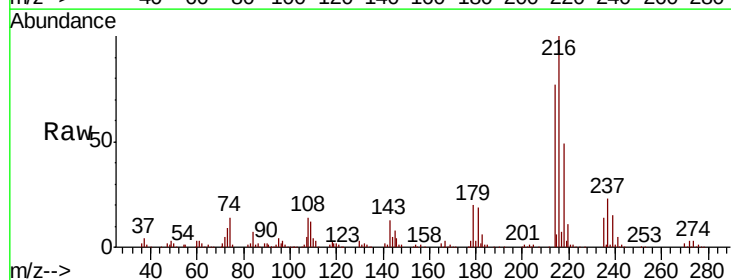
Ion Ratio Lower Upper

216 100

214 78.0 62.7 94.1

179 19.1 15.0 22.6

108 15.3 11.6 17.4



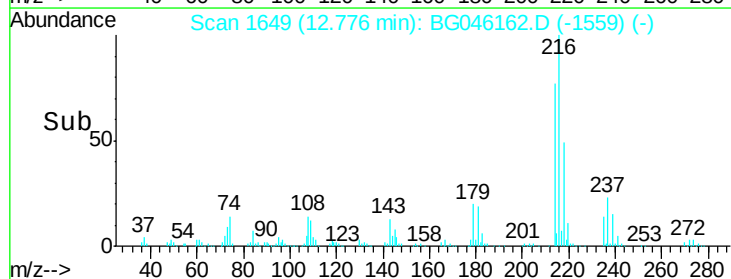
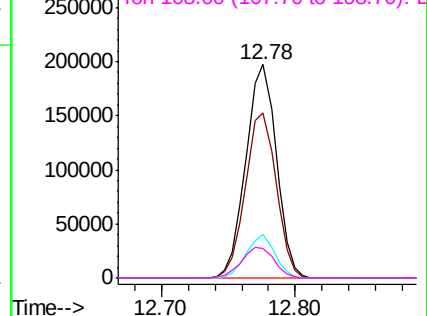
Abundance

Ion 216.00 (215.70 to 216.70): E

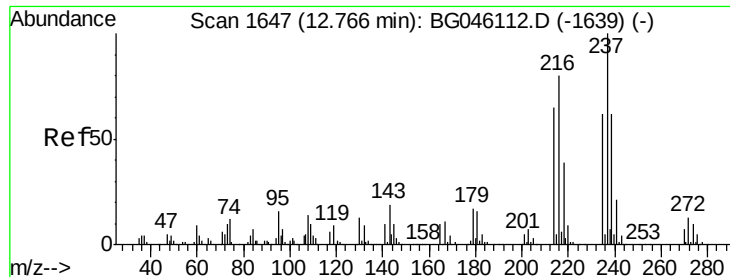
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 39.239 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.00 min

Lab File: BG046162.D

Acq: 4 Aug 2020 8:39

Instrument :

BNA\_G

ClientSampleId :

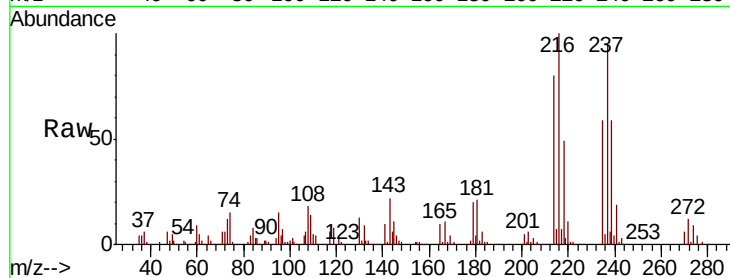
Tot Ion:237 Resp: 174961

Ion Ratio Lower Upper

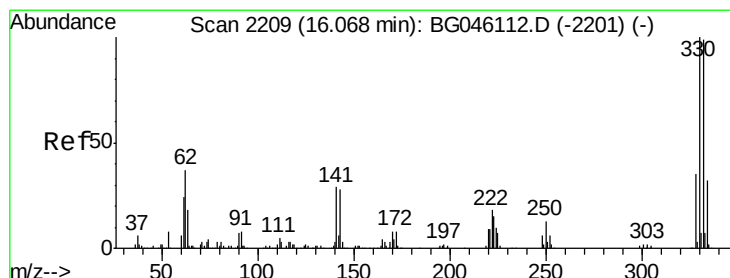
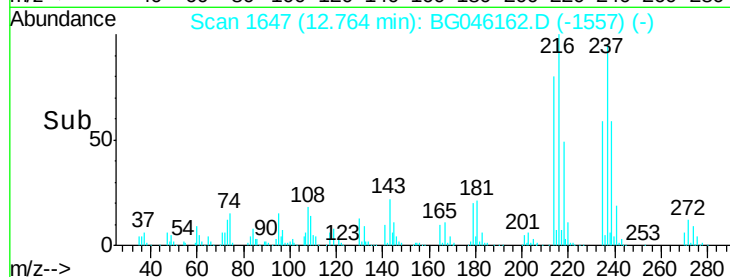
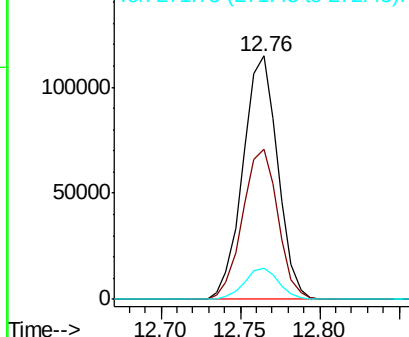
237 100

235 61.7 42.3 82.3

272 13.0 0.0 32.7



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: 85.567 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG046162.D

Acq: 4 Aug 2020 8:39

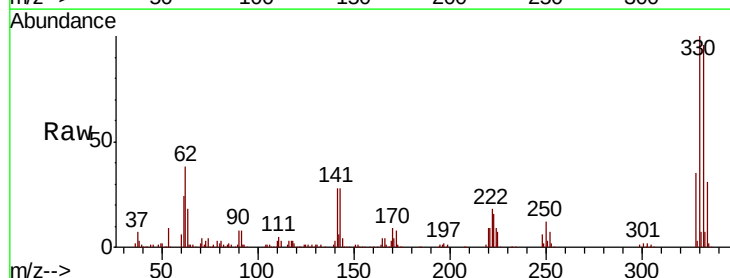
Tgt Ion:330 Resp: 283561

Ion Ratio Lower Upper

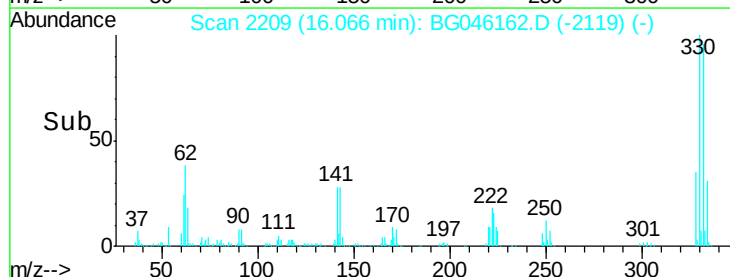
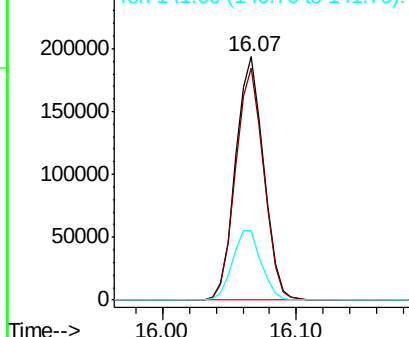
330 100

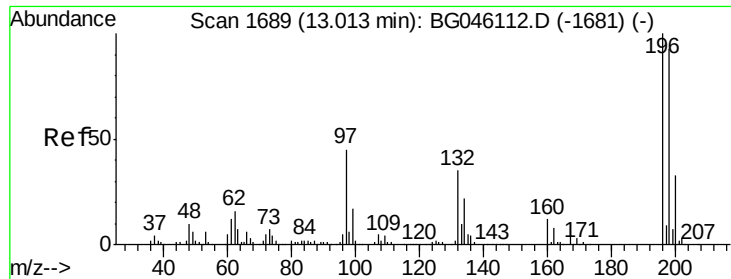
332 95.6 77.4 116.2

141 29.6 23.4 35.0



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

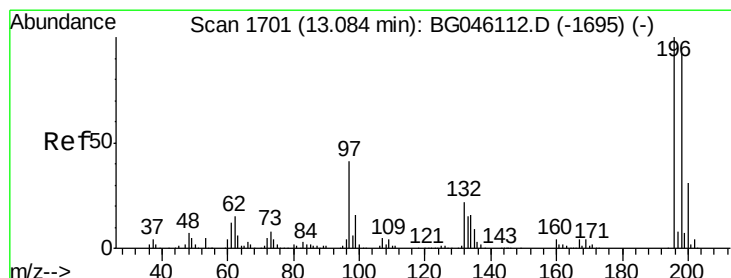
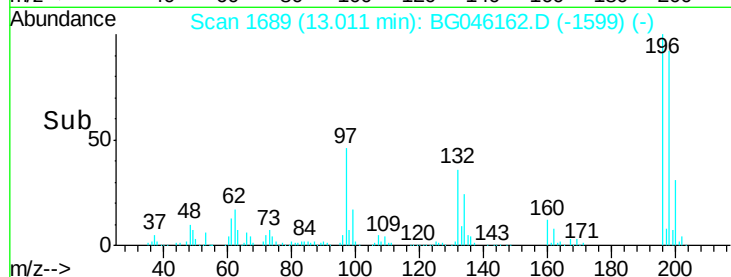
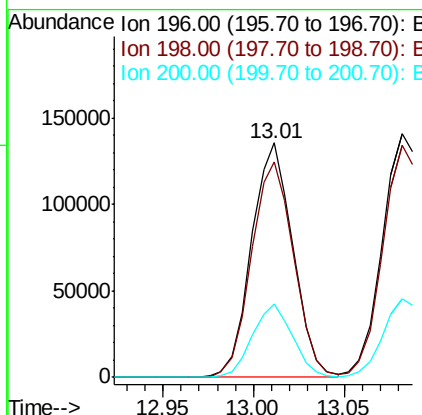
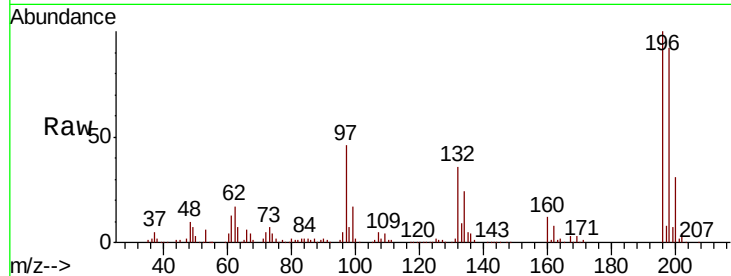




#43  
 2,4,6-Trichlorophenol  
 Concen: 43.227 ng  
 RT: 13.01 min Scan# 1689  
 Delta R.T. -0.00 min  
 Lab File: BG046162.D  
 Acq: 4 Aug 2020 8:39

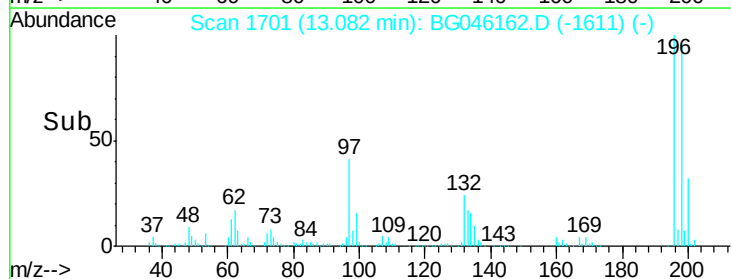
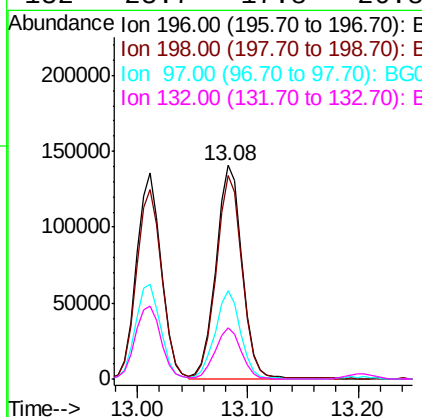
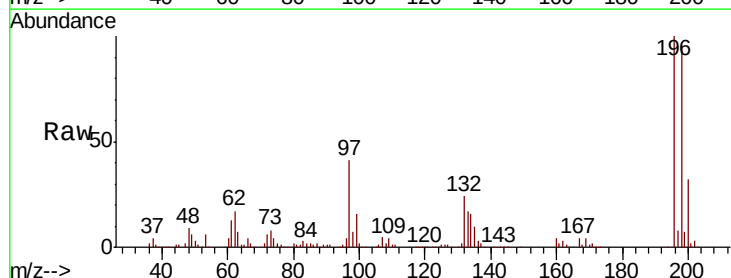
Instrument :  
 BNA\_G  
 ClientSampleId :

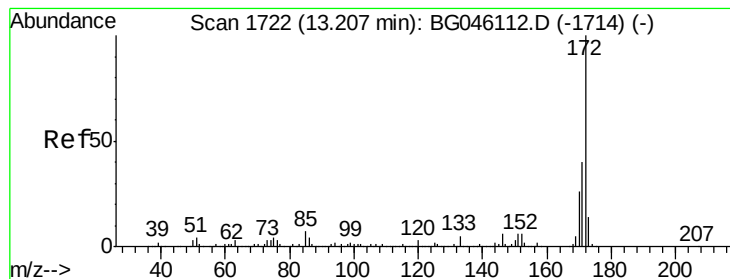
| Tot Ion   | 196   | Resp  | 214386 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 91.8  | 74.2  | 111.4  |
| 200       | 31.2  | 26.0  | 39.0   |



#44  
 2,4,5-Trichlorophenol  
 Concen: 42.600 ng  
 RT: 13.08 min Scan# 1701  
 Delta R.T. -0.00 min  
 Lab File: BG046162.D  
 Acq: 4 Aug 2020 8:39

| Tgt Ion   | 196   | Resp  | 230523 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.6  | 73.9  | 110.9  |
| 97        | 41.1  | 32.7  | 49.1   |
| 132       | 23.7  | 17.8  | 26.8   |





#45

2-Fluorobiphenyl

Concen: 82.192 ng

RT: 13.21 min Scan# 1722

Delta R.T. -0.00 min

Lab File: BG046162.D

Acq: 4 Aug 2020 8:39

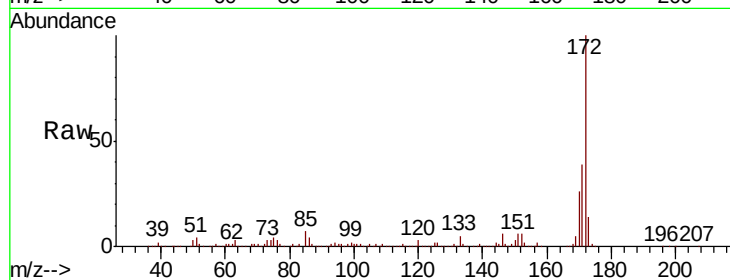
Instrument :

BNA\_G

ClientSampled :

Tot Ion:172 Resp: 1220746

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 39.3  | 31.7  | 47.5  |
| 170 | 26.4  | 20.9  | 31.3  |

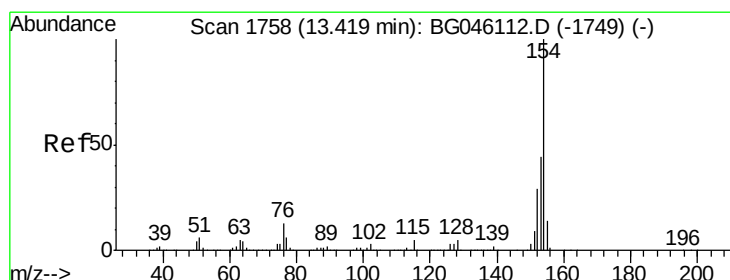
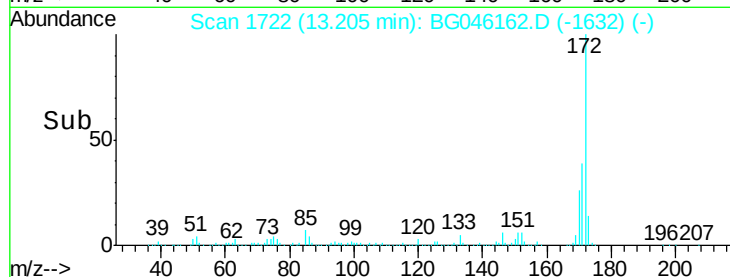
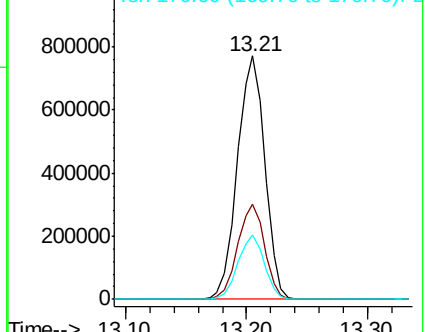


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 41.134 ng

RT: 13.42 min Scan# 1758

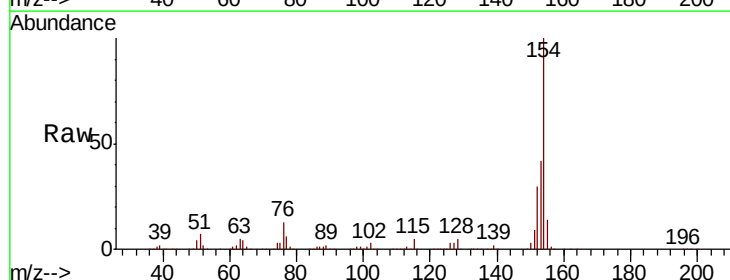
Delta R.T. -0.00 min

Lab File: BG046162.D

Acq: 4 Aug 2020 8:39

Tgt Ion:154 Resp: 696191

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 42.3  | 23.7  | 63.7  |
| 76  | 13.1  | 0.0   | 32.9  |

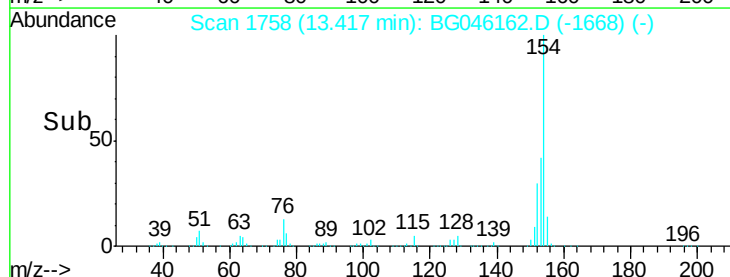
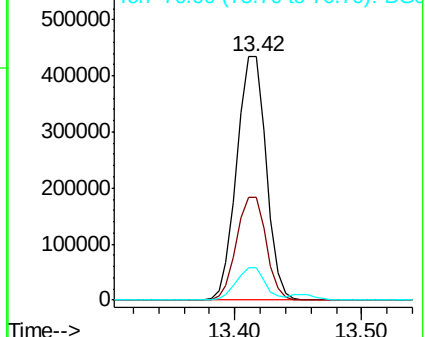


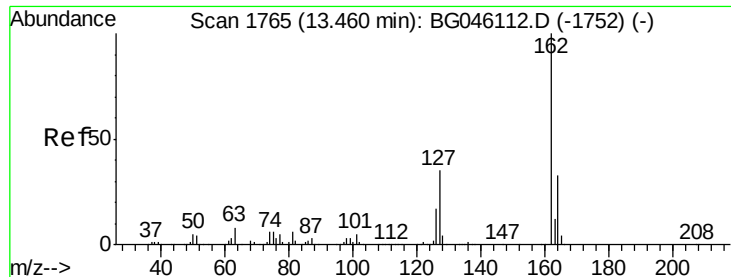
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

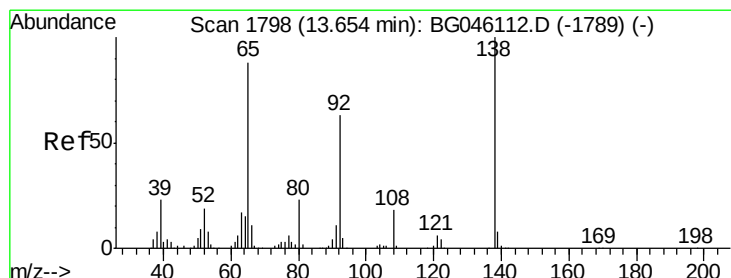
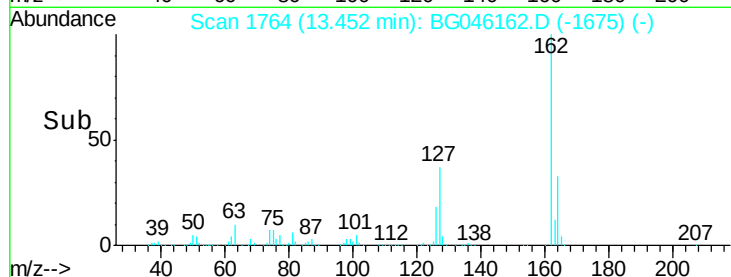
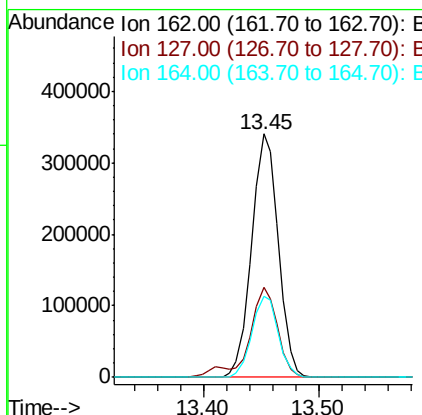
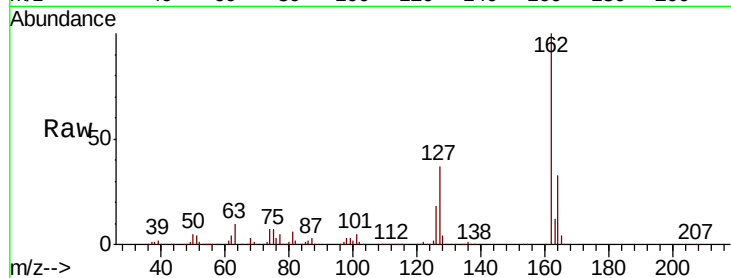




#47  
 2-Chloronaphthalene  
 Concen: 40.607 ng  
 RT: 13.45 min Scan# 1764  
 Delta R.T. -0.01 min  
 Lab File: BG046162.D  
 Acq: 4 Aug 2020 8:39

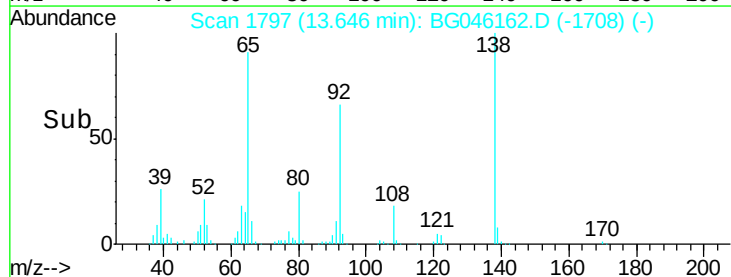
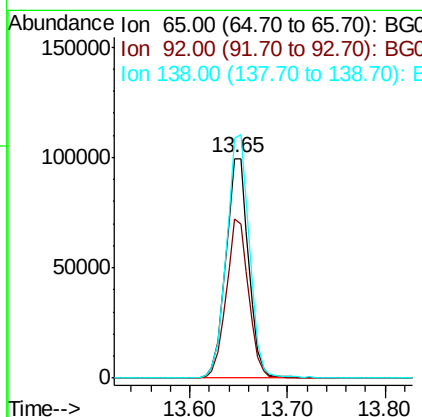
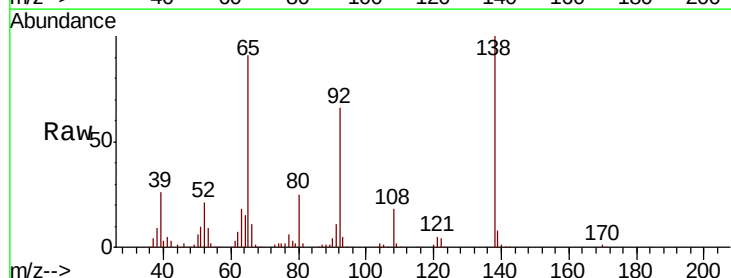
Instrument :  
 BNA\_G  
 ClientSampleId :

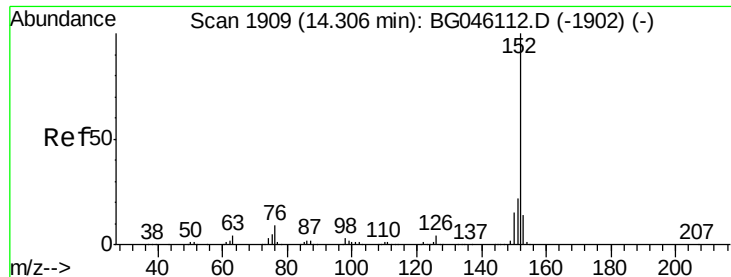
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 36.9  | 28.0  | 42.0  |
| 164     | 33.4  | 26.5  | 39.7  |



#48  
 2-Nitroaniline  
 Concen: 45.587 ng  
 RT: 13.65 min Scan# 1797  
 Delta R.T. -0.01 min  
 Lab File: BG046162.D  
 Acq: 4 Aug 2020 8:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 72.2  | 57.4  | 86.2  |
| 138     | 109.4 | 91.1  | 136.7 |





#49

Acenaphthylene

Concen: 42.013 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BG046162.D

Acq: 4 Aug 2020 8:39

Instrument :

BNA\_G

ClientSampleId :

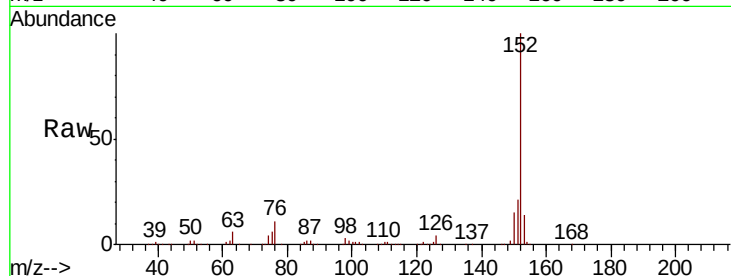
Tot Ion:152 Resp: 880753

Ion Ratio Lower Upper

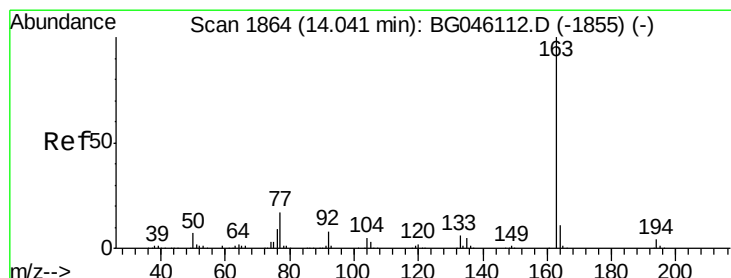
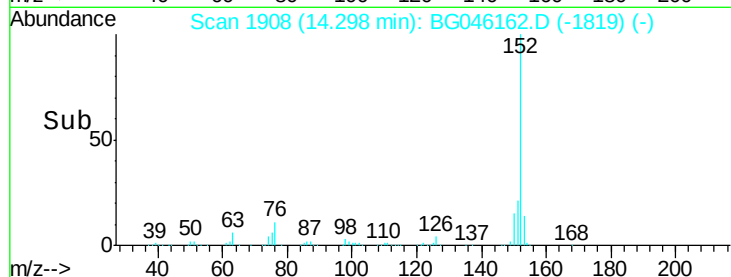
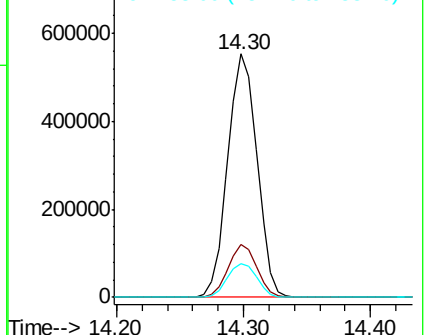
152 100

151 21.5 17.4 26.2

153 13.6 10.9 16.3



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



#50

Dimethylphthalate

Concen: 41.594 ng

RT: 14.03 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BG046162.D

Acq: 4 Aug 2020 8:39

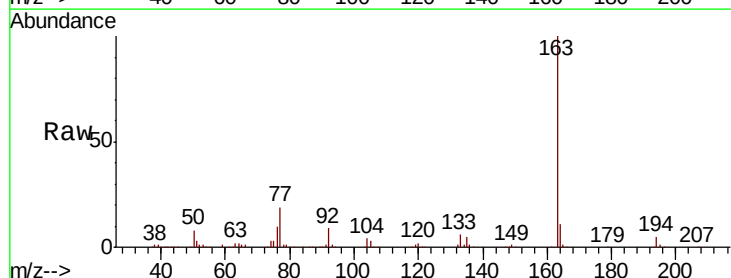
Tgt Ion:163 Resp: 688771

Ion Ratio Lower Upper

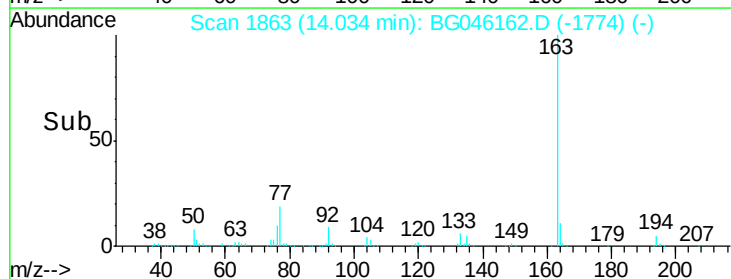
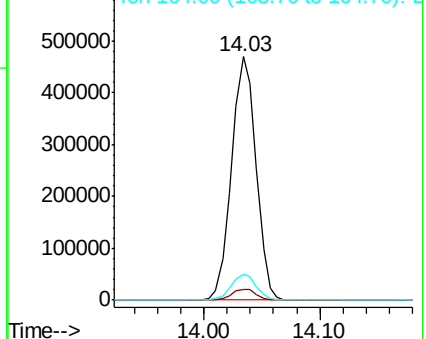
163 100

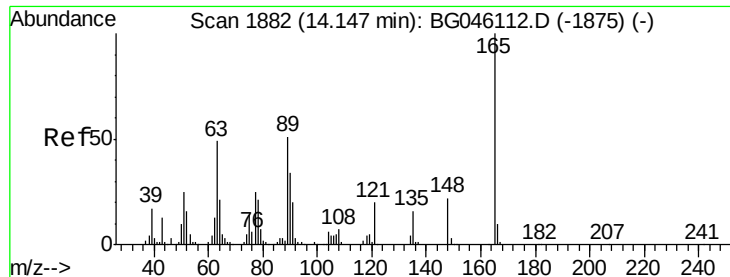
194 4.5 3.5 5.3

164 10.9 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

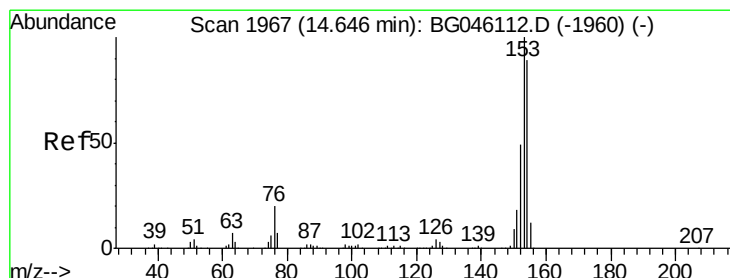
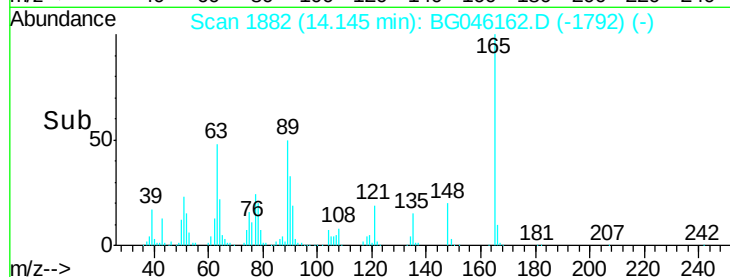
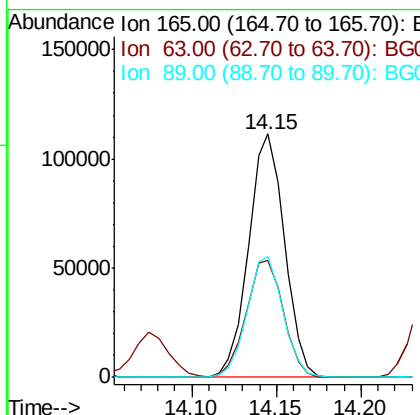
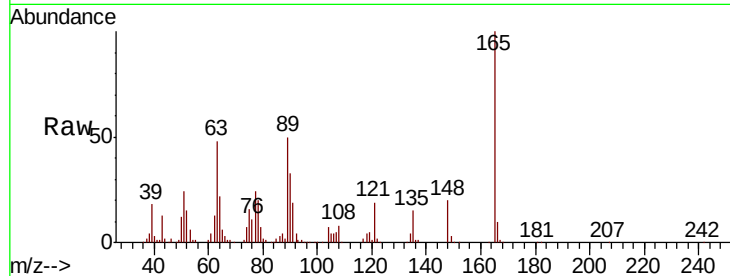




#51  
 2,6-Dinitrotoluene  
 Concen: 42.722 ng  
 RT: 14.15 min Scan# 1882  
 Delta R.T. -0.00 min  
 Lab File: BG046162.D  
 Acq: 4 Aug 2020 8:39

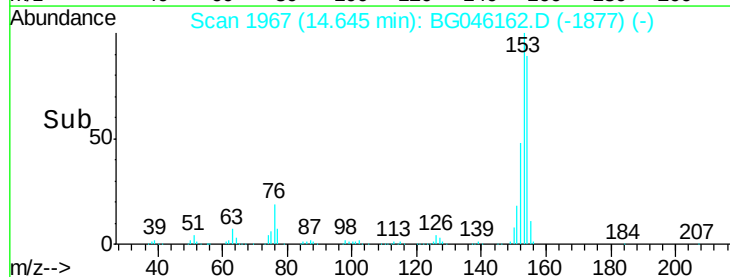
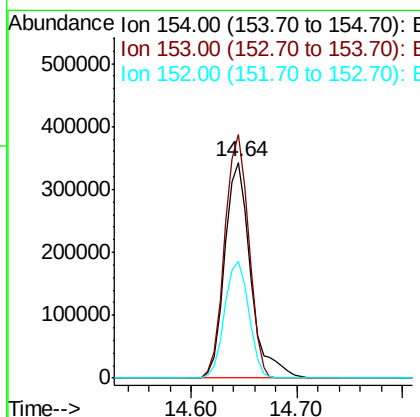
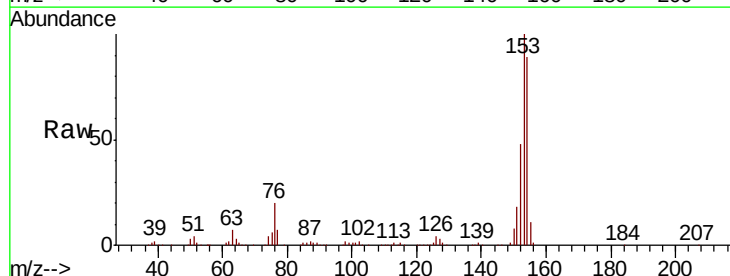
Instrument :  
 BNA\_G  
 ClientSampled :

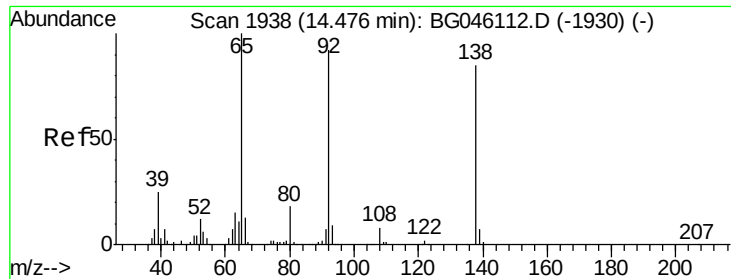
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 48.2  | 39.7  | 59.5  |
| 89      | 49.6  | 41.0  | 61.6  |



#52  
 Acenaphthene  
 Concen: 42.160 ng  
 RT: 14.64 min Scan# 1967  
 Delta R.T. -0.00 min  
 Lab File: BG046162.D  
 Acq: 4 Aug 2020 8:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.7 | 89.8  | 134.8 |
| 152     | 54.3  | 44.5  | 66.7  |

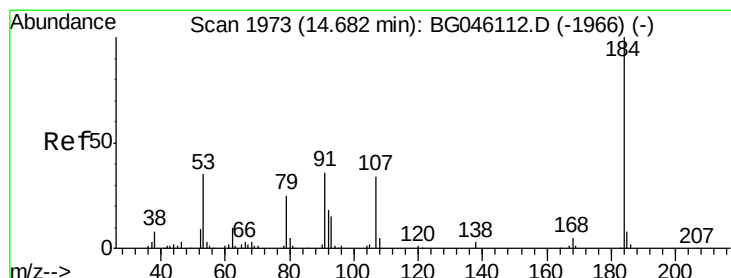
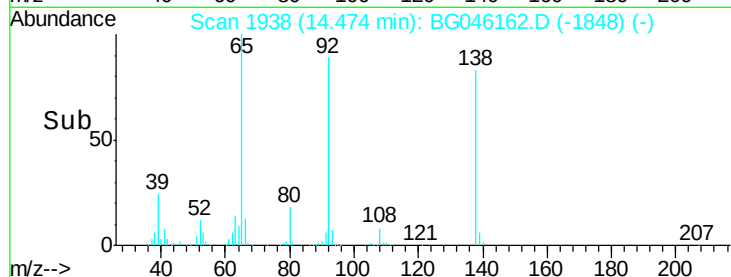
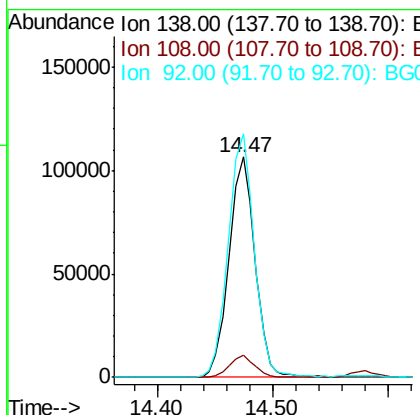
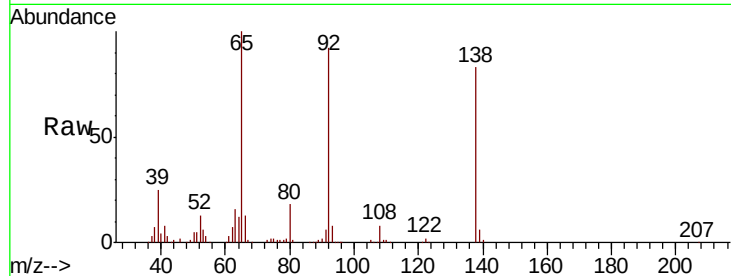




#53  
3-Nitroaniline  
Concen: 43.661 ng  
RT: 14.47 min Scan# 1938  
Delta R.T. -0.00 min  
Lab File: BG046162.D  
Acq: 4 Aug 2020 8:39

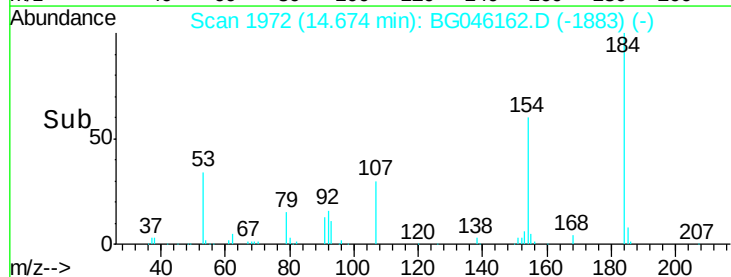
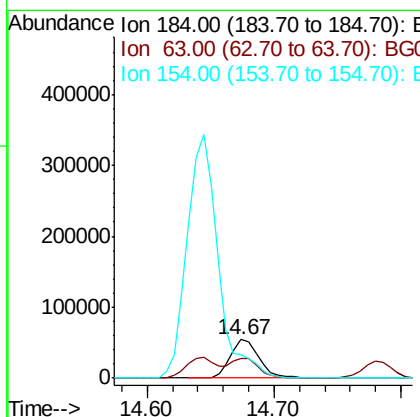
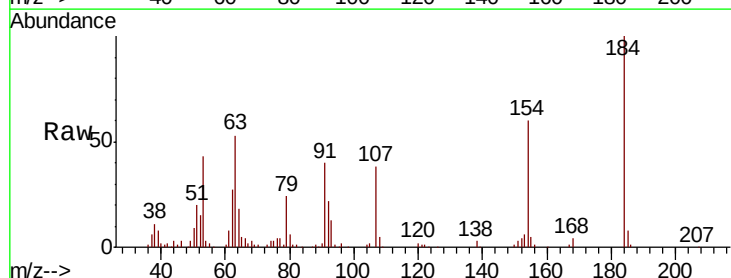
Instrument :  
BNA\_G  
ClientSampleId :

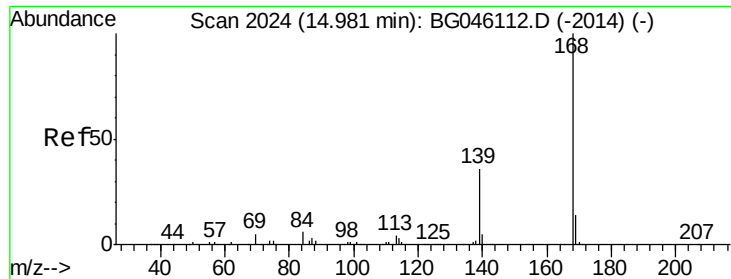
Tot Ion:138 Resp: 166812  
Ion Ratio Lower Upper  
138 100  
108 9.9 7.2 10.8  
92 110.6 87.5 131.3



#54  
2,4-Dinitrophenol  
Concen: 39.147 ng  
RT: 14.67 min Scan# 1972  
Delta R.T. -0.01 min  
Lab File: BG046162.D  
Acq: 4 Aug 2020 8:39

Tgt Ion:184 Resp: 85919  
Ion Ratio Lower Upper  
184 100  
63 52.8 36.7 55.1  
154 59.9 41.3 61.9

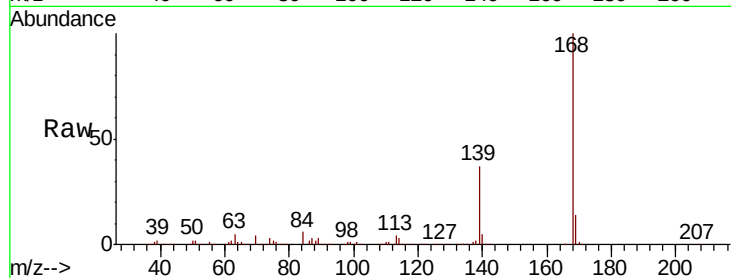




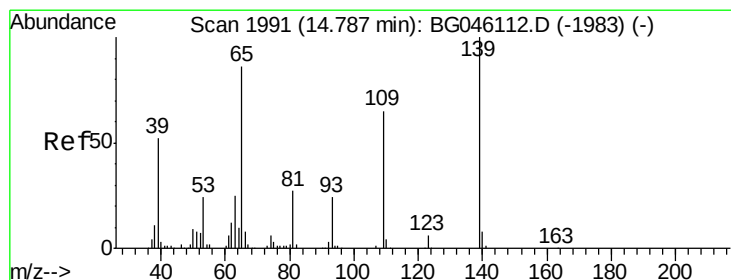
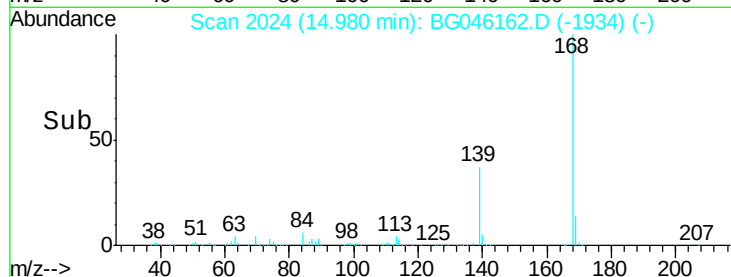
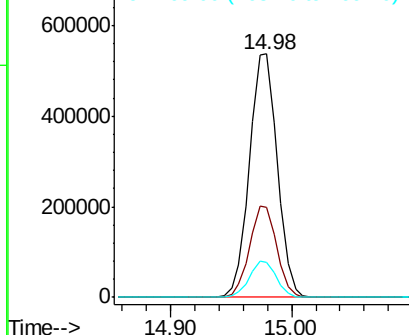
#55  
Dibenzenofuran  
Concen: 41.317 ng  
RT: 14.98 min Scan# 2024  
Delta R.T. -0.00 min  
Lab File: BG046162.D  
Acq: 4 Aug 2020 8:39

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 36.9  | 29.0  | 43.4  |
| 169     | 14.2  | 11.3  | 16.9  |

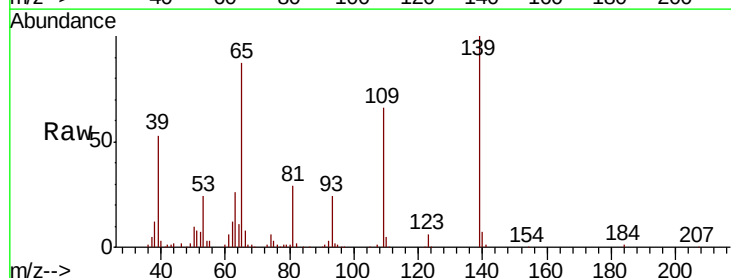


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

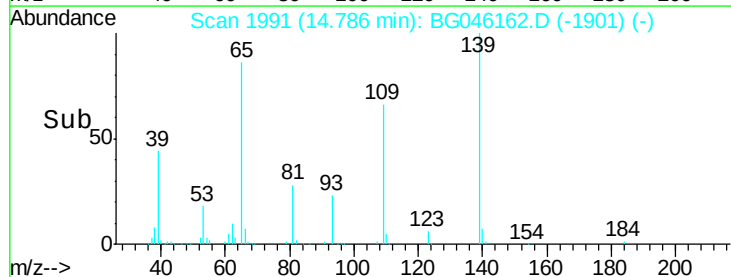
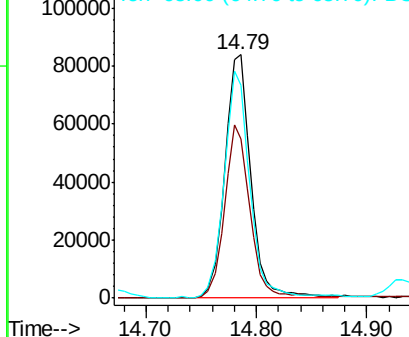


#56  
4-Nitrophenol  
Concen: 41.788 ng  
RT: 14.79 min Scan# 1991  
Delta R.T. -0.00 min  
Lab File: BG046162.D  
Acq: 4 Aug 2020 8:39

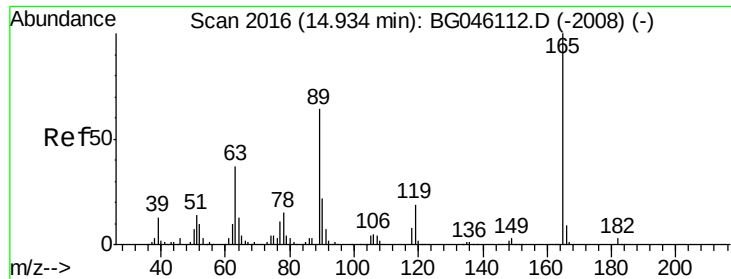
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 65.6  | 45.1  | 85.1  |
| 65      | 87.4  | 66.4  | 106.4 |



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



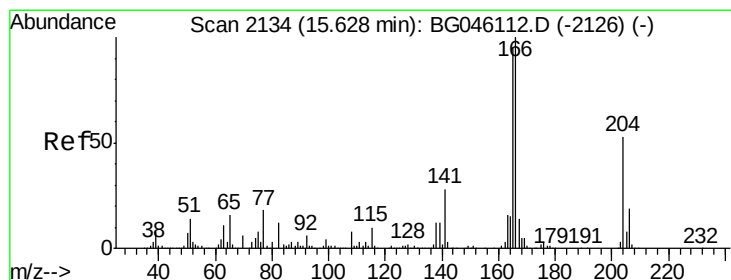
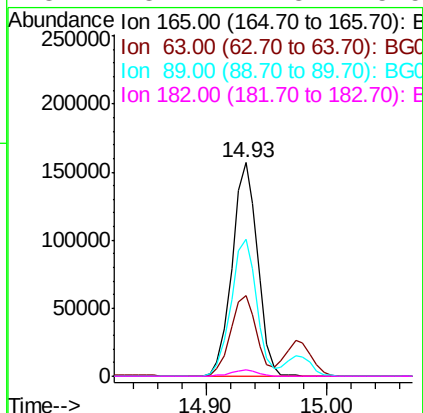
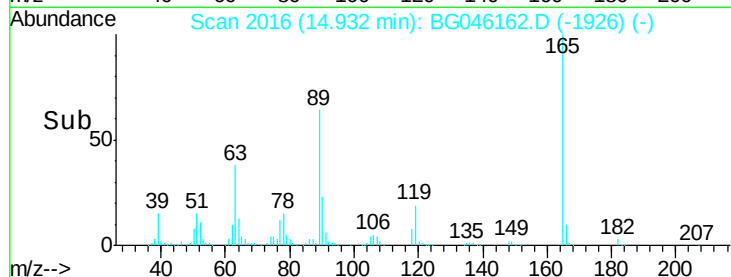
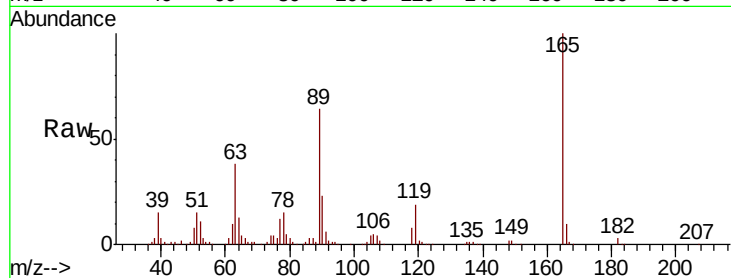




#57  
2,4-Dinitrotoluene  
Concen: 43.277 ng  
RT: 14.93 min Scan# 2016  
Delta R.T. -0.00 min  
Lab File: BG046162.D  
Acq: 4 Aug 2020 8:39

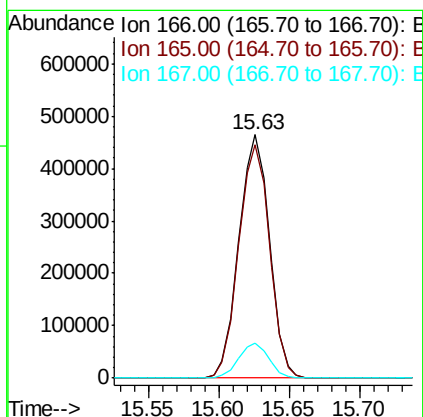
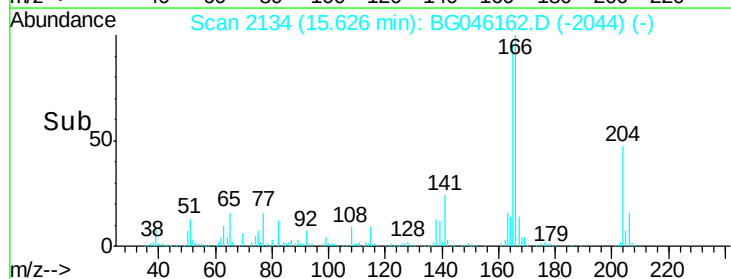
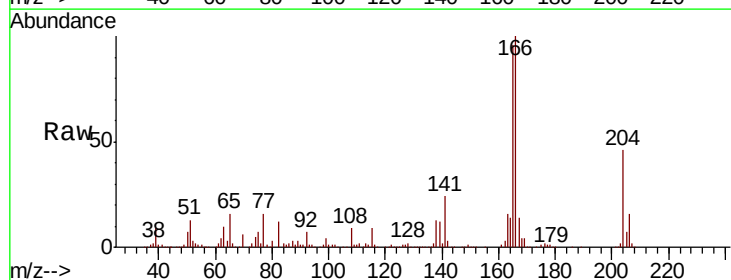
Instrument :  
BNA\_G  
ClientSampled :

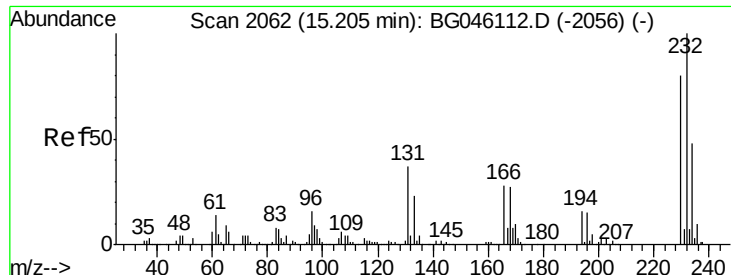
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 37.6  | 30.1  | 45.1  |
| 89      | 64.3  | 51.4  | 77.2  |
| 182     | 3.1   | 2.3   | 3.5   |



#58  
Fluorene  
Concen: 41.632 ng  
RT: 15.63 min Scan# 2134  
Delta R.T. -0.00 min  
Lab File: BG046162.D  
Acq: 4 Aug 2020 8:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 95.6  | 76.3  | 114.5 |
| 167     | 14.1  | 11.0  | 16.6  |

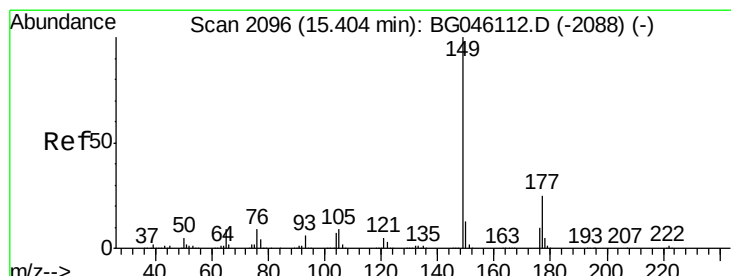
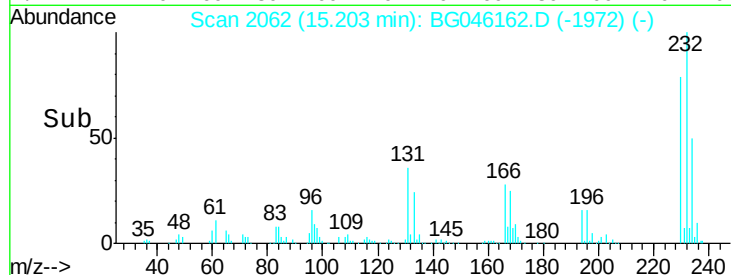
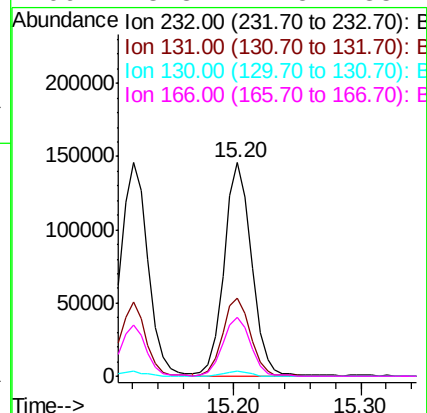
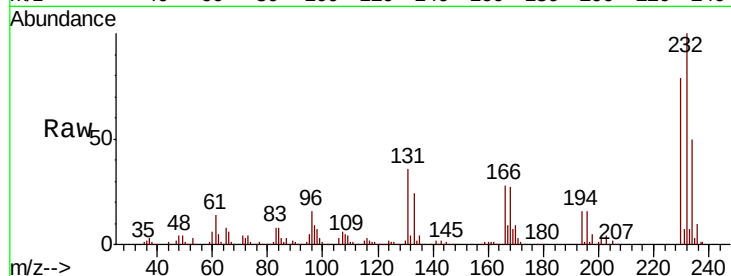




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 42.773 ng  
 RT: 15.20 min Scan# 2062  
 Delta R.T. -0.00 min  
 Lab File: BG046162.D  
 Acq: 4 Aug 2020 8:39

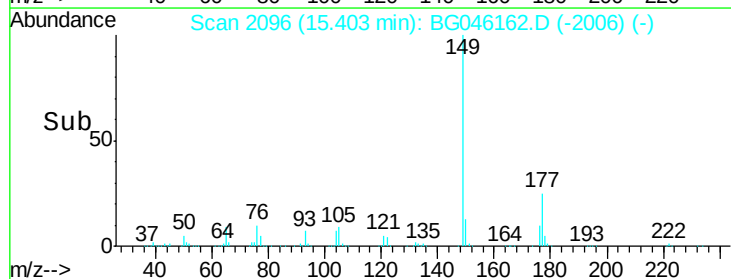
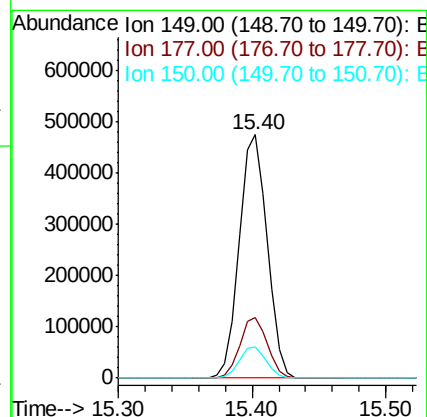
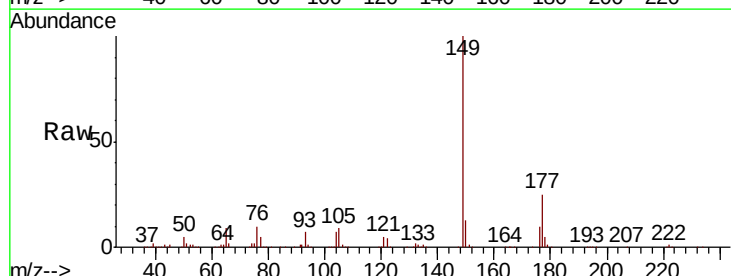
Instrument :  
 BNA\_G  
 ClientSampleId :

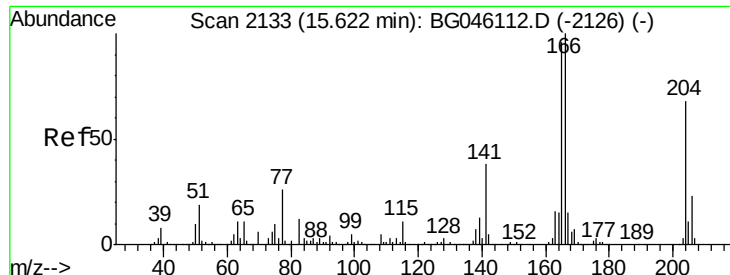
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:232 | Resp: | 218013    |
| Ion Ratio   | Lower | Upper     |
| 232         | 100   |           |
| 131         | 36.7  | 28.6 42.8 |
| 130         | 1.9   | 1.6 2.4   |
| 166         | 28.3  | 22.5 33.7 |



#60  
 Diethylphthalate  
 Concen: 42.239 ng  
 RT: 15.40 min Scan# 2096  
 Delta R.T. -0.00 min  
 Lab File: BG046162.D  
 Acq: 4 Aug 2020 8:39

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 688057    |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 177         | 25.1  | 19.7 29.5 |
| 150         | 13.0  | 10.8 16.2 |

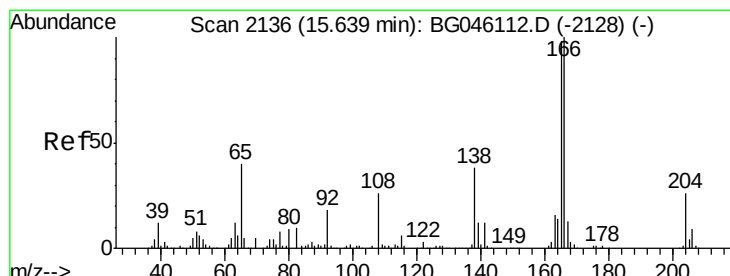
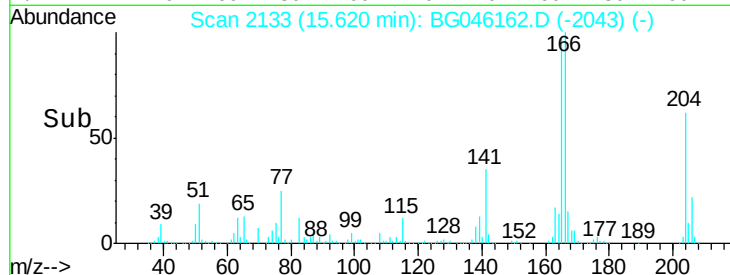
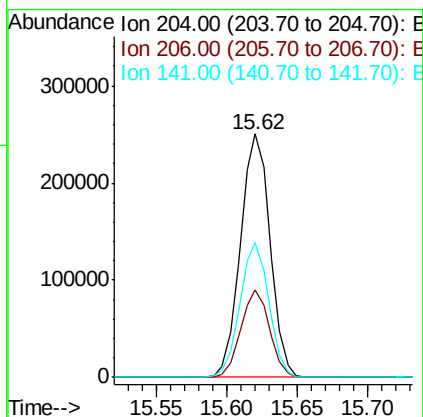
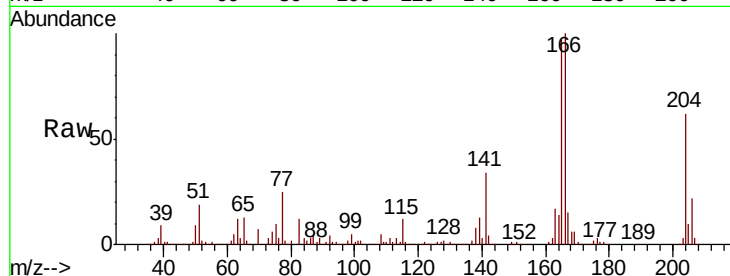




#61  
 4-Chlorophenyl-phenylether  
 Concen: 41.400 ng  
 RT: 15.62 min Scan# 2133  
 Delta R.T. -0.00 min  
 Lab File: BG046162.D  
 Acq: 4 Aug 2020 8:39

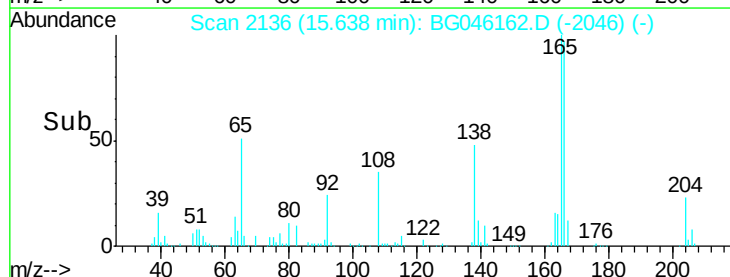
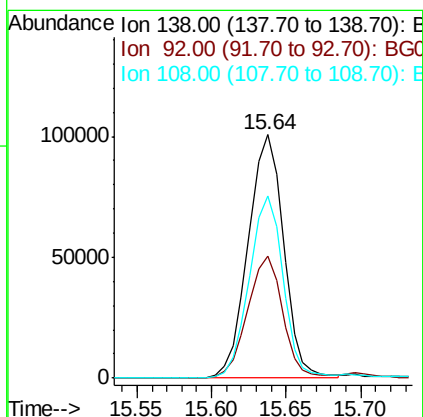
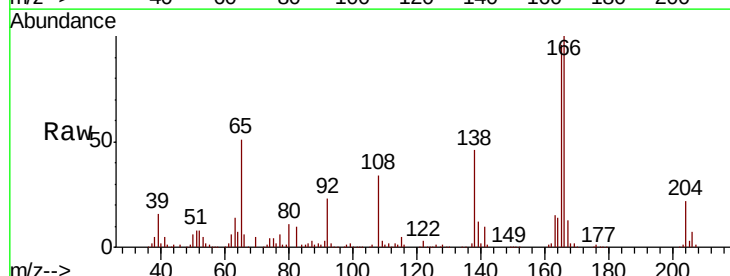
Instrument :  
 BNA\_G  
 ClientSampleId :

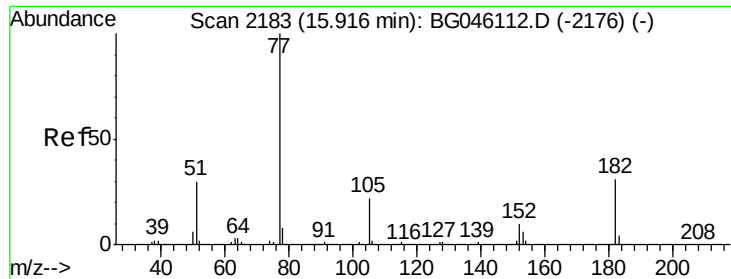
Tot Ion:204 Resp: 365577  
 Ion Ratio Lower Upper  
 204 100  
 206 35.7 27.7 41.5  
 141 55.4 44.7 67.1



#62  
 4-Nitroaniline  
 Concen: 43.118 ng  
 RT: 15.64 min Scan# 2136  
 Delta R.T. -0.00 min  
 Lab File: BG046162.D  
 Acq: 4 Aug 2020 8:39

Tgt Ion:138 Resp: 165683  
 Ion Ratio Lower Upper  
 138 100  
 92 50.0 28.3 68.3  
 108 74.7 49.2 89.2

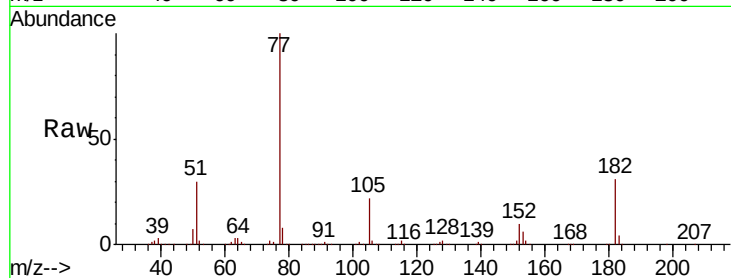




#63  
Azobenzene  
Concen: 43.150 ng  
RT: 15.91 min Scan# 2183  
Delta R.T. -0.00 min  
Lab File: BG046162.D  
Acq: 4 Aug 2020 8:39

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 30.7  | 10.7  | 50.7  |
| 105     | 21.8  | 1.9   | 41.9  |
| 51      | 30.1  | 9.5   | 49.5  |



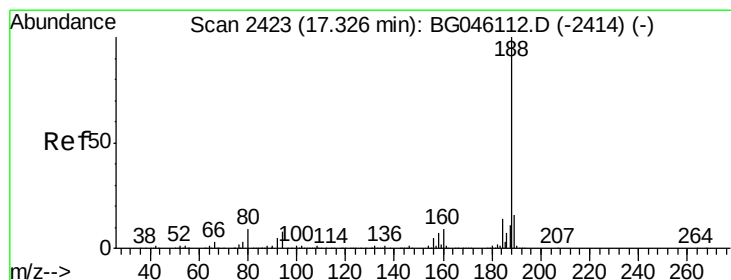
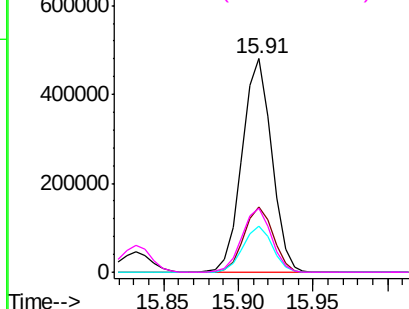
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

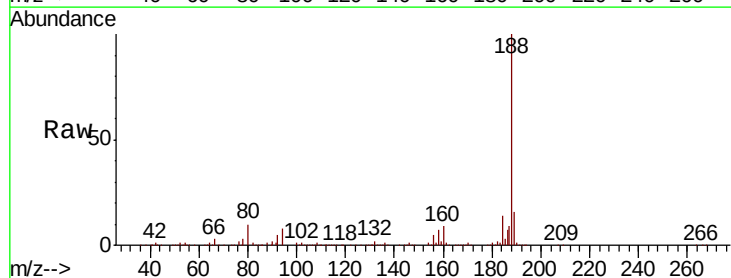
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.32 min Scan# 2422  
Delta R.T. -0.01 min  
Lab File: BG046162.D  
Acq: 4 Aug 2020 8:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.0   | 6.4   | 9.6   |
| 80      | 10.0  | 7.4   | 11.0  |

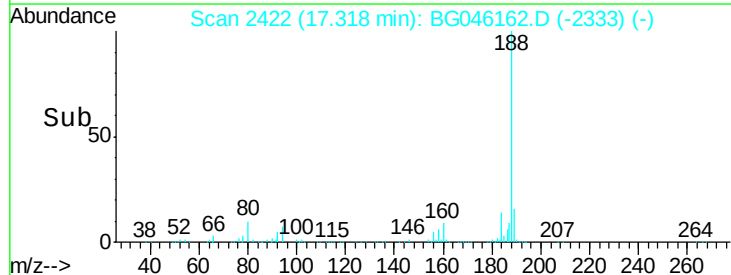
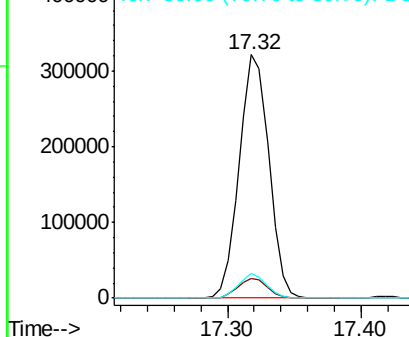


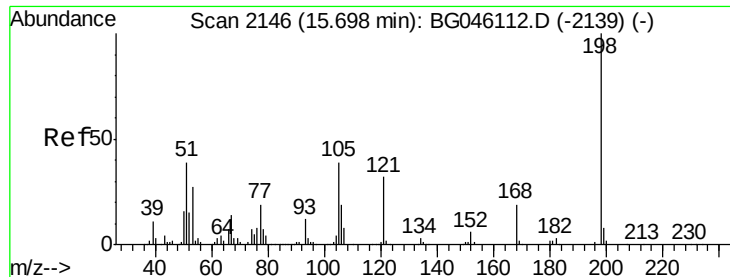
Abundance

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

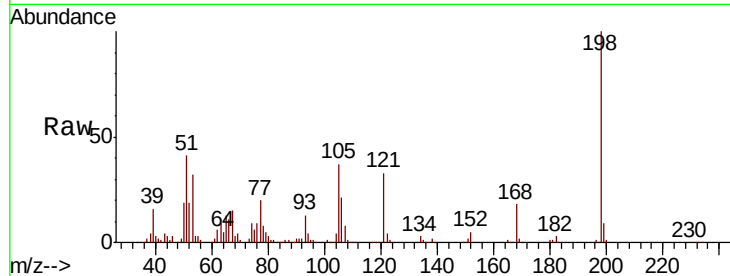




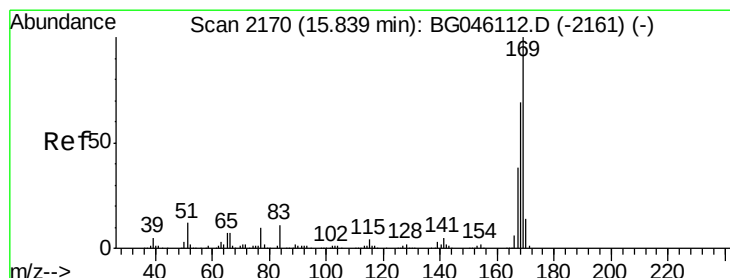
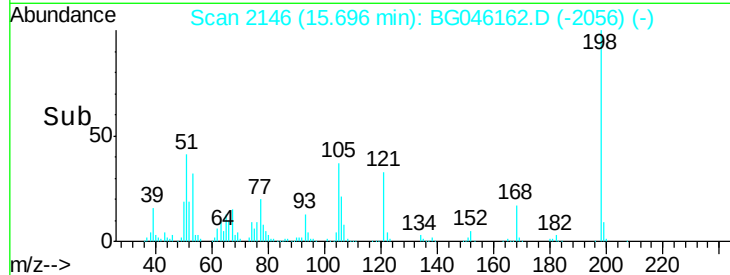
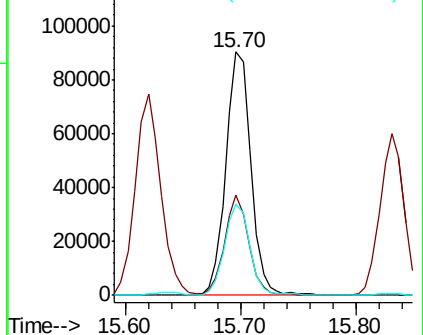
#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.747 ng  
RT: 15.70 min Scan# 2146  
Delta R.T. -0.00 min  
Lab File: BG046162.D  
Acq: 4 Aug 2020 8:39

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:198 Resp: 136466  
Ion Ratio Lower Upper  
198 100  
51 41.0 20.1 60.1  
105 37.4 19.2 59.2

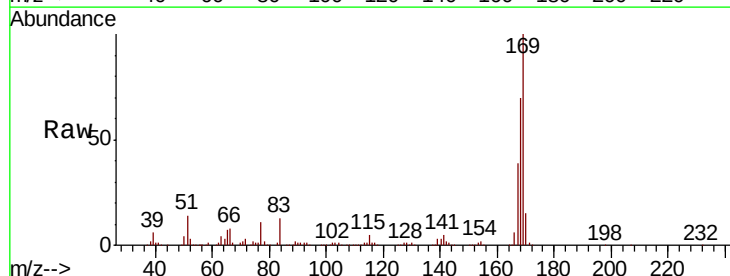


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BG  
Ion 105.00 (104.70 to 105.70): E

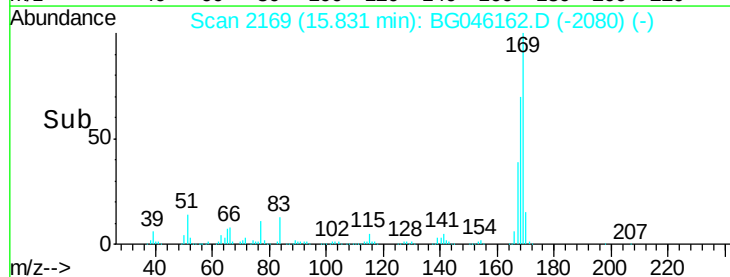
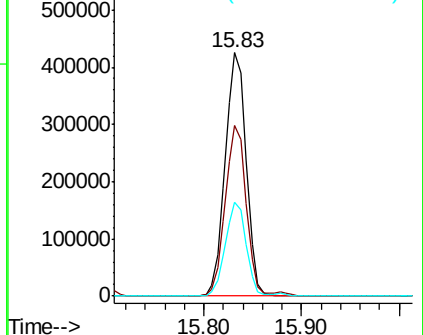


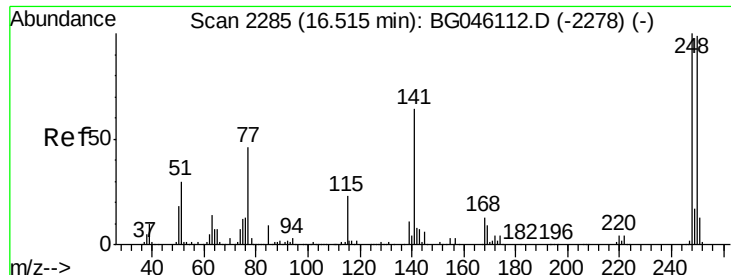
#66  
n-Nitrosodiphenylamine  
Concen: 42.448 ng  
RT: 15.83 min Scan# 2169  
Delta R.T. -0.01 min  
Lab File: BG046162.D  
Acq: 4 Aug 2020 8:39

Tgt Ion:169 Resp: 635093  
Ion Ratio Lower Upper  
169 100  
168 70.1 55.1 82.7  
167 38.8 30.5 45.7



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

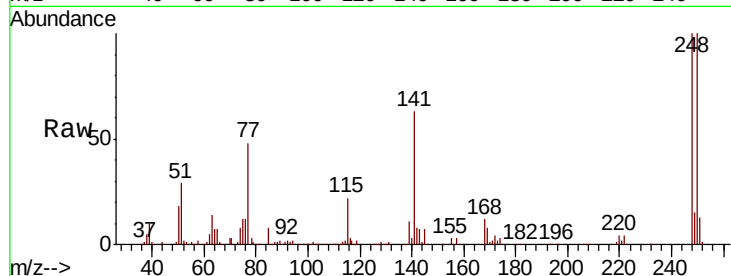




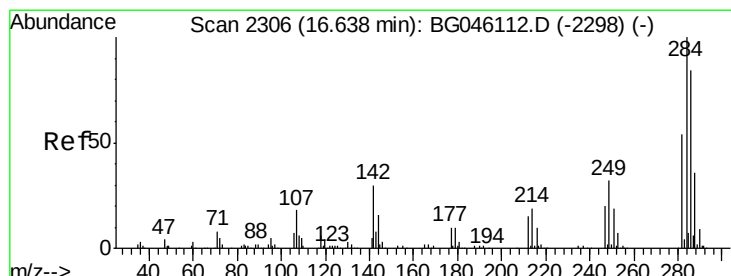
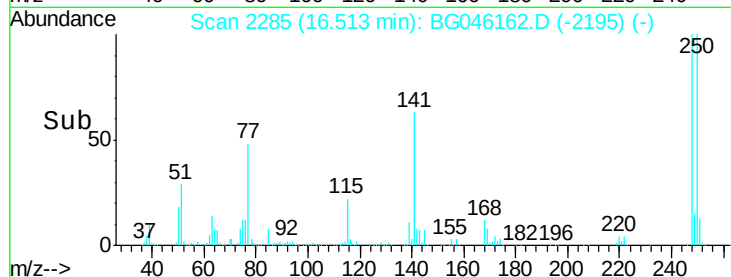
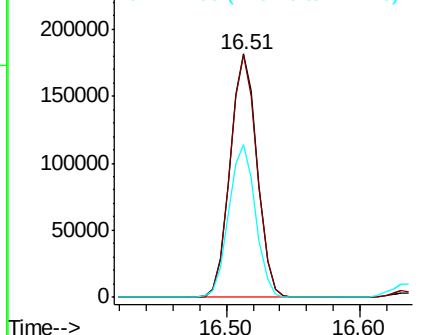
#67  
 4-Bromophenyl-phenylether  
 Concen: 41.847 ng  
 RT: 16.51 min Scan# 2285  
 Delta R.T. -0.00 min  
 Lab File: BG046162.D  
 Acq: 4 Aug 2020 8:39

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:248 Resp: 255534  
 Ion Ratio Lower Upper  
 248 100  
 250 99.7 79.4 119.0  
 141 62.8 50.9 76.3

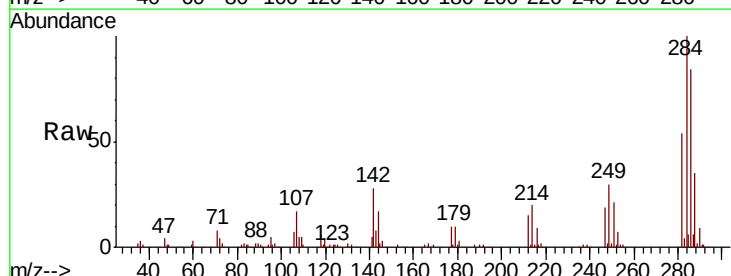


Abundance Ion 248.00 (247.70 to 248.70): E  
 250000 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

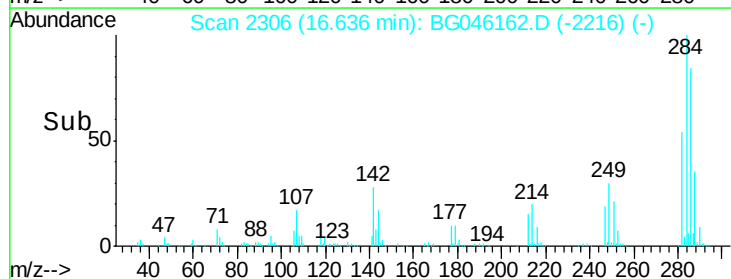
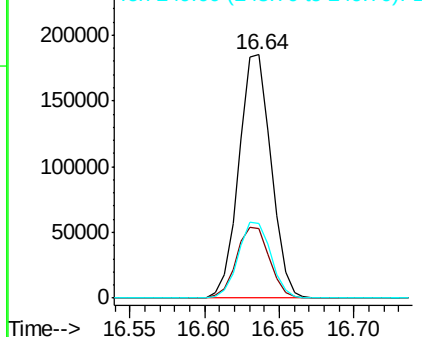


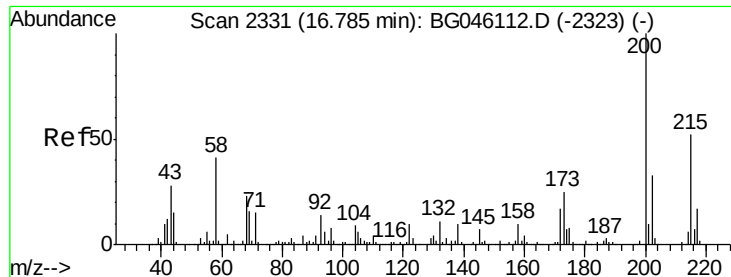
#68  
 Hexachlorobenzene  
 Concen: 40.477 ng  
 RT: 16.64 min Scan# 2306  
 Delta R.T. -0.00 min  
 Lab File: BG046162.D  
 Acq: 4 Aug 2020 8:39

Tgt Ion:284 Resp: 277157  
 Ion Ratio Lower Upper  
 284 100  
 142 28.3 23.6 35.4  
 249 30.5 25.3 37.9



Abundance Ion 283.80 (283.50 to 284.50): E  
 250000 Ion 142.00 (141.70 to 142.70): E  
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 42.343 ng

RT: 16.78 min Scan# 2331

Delta R.T. -0.00 min

Lab File: BG046162.D

Acq: 4 Aug 2020 8:39

Instrument :

BNA\_G

ClientSampled :

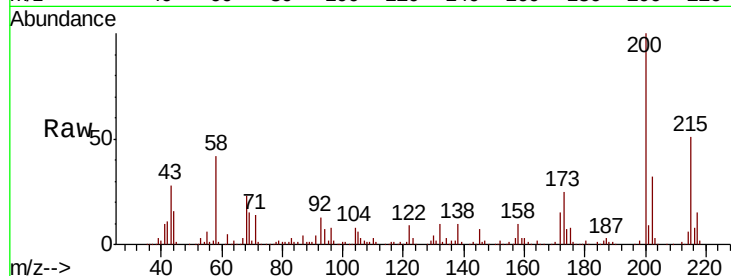
Tot Ion:200 Resp: 243952

Ion Ratio Lower Upper

200 100

173 24.6 5.3 45.3

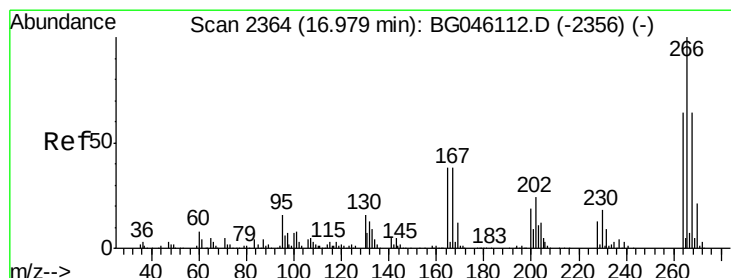
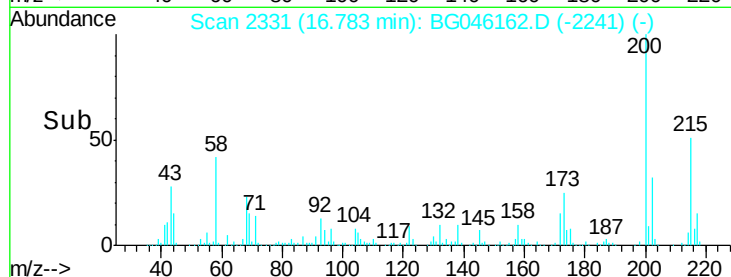
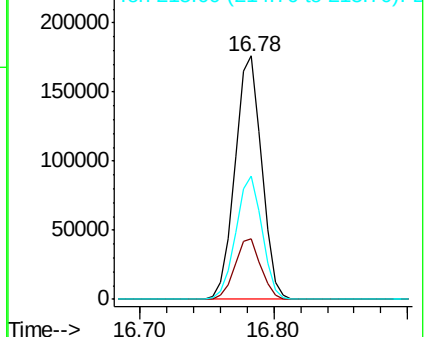
215 50.6 31.5 71.5



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: 42.063 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.01 min

Lab File: BG046162.D

Acq: 4 Aug 2020 8:39

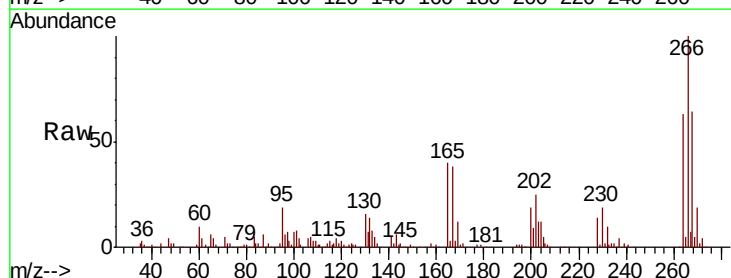
Tgt Ion:266 Resp: 186877

Ion Ratio Lower Upper

266 100

268 64.2 51.2 76.8

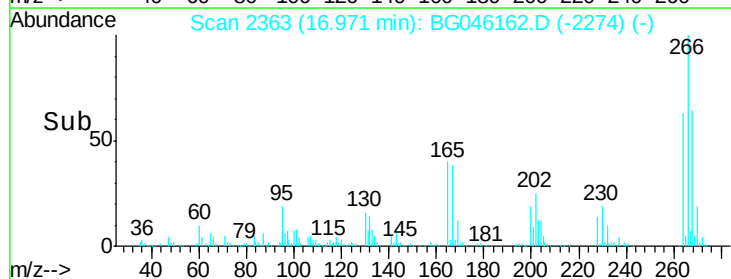
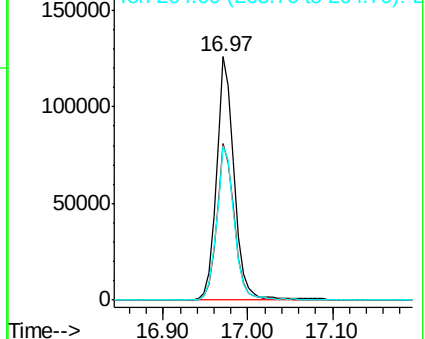
264 63.2 51.1 76.7

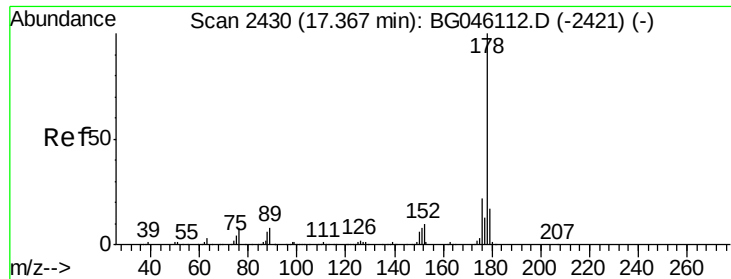


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

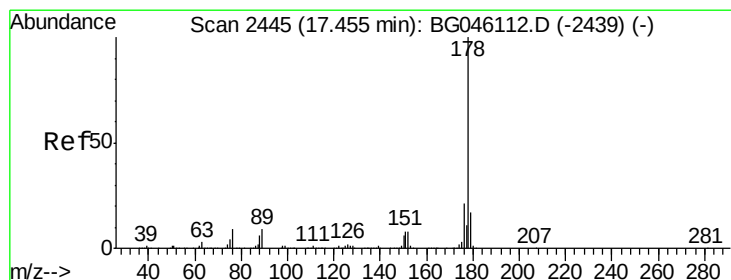
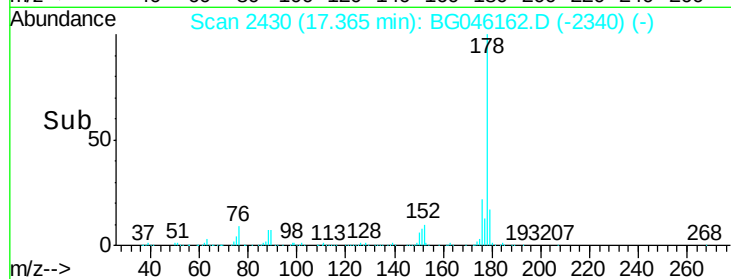
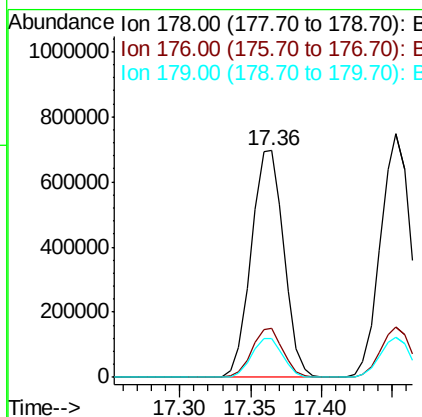
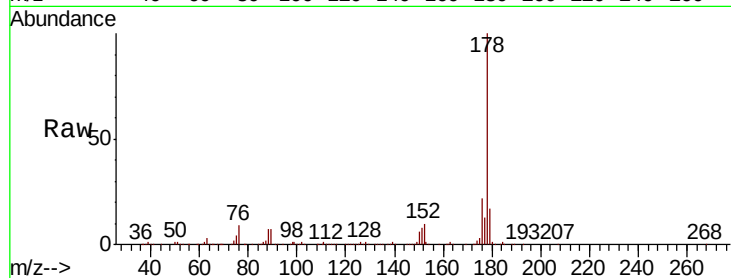




#71  
Phenanthrene  
Concen: 41.761 ng  
RT: 17.36 min Scan# 2430  
Delta R.T. -0.00 min  
Lab File: BG046162.D  
Acq: 4 Aug 2020 8:39

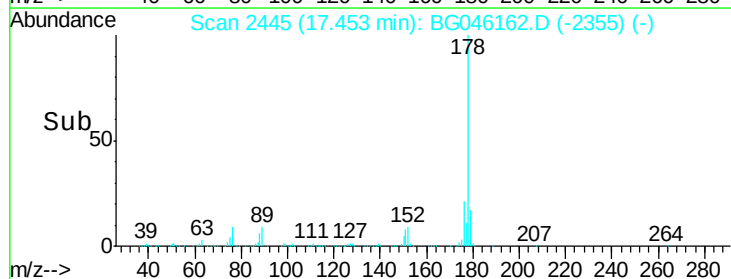
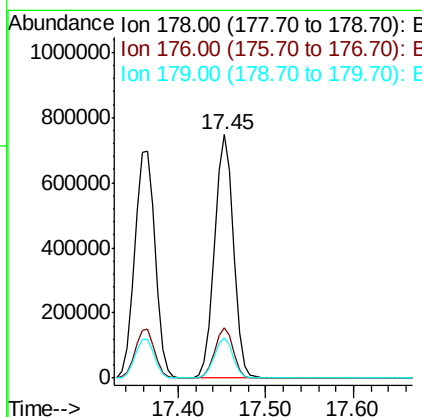
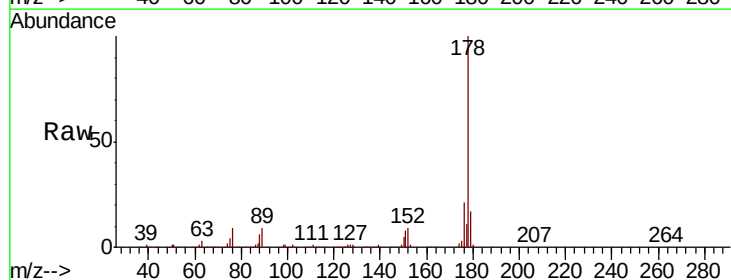
Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:178 Resp: 1130693  
Ion Ratio Lower Upper  
178 100  
176 21.6 17.3 25.9  
179 17.3 13.8 20.6

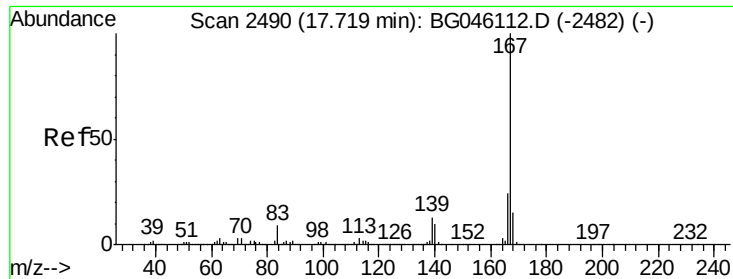


#72  
Anthracene  
Concen: 41.787 ng  
RT: 17.45 min Scan# 2445  
Delta R.T. -0.00 min  
Lab File: BG046162.D  
Acq: 4 Aug 2020 8:39

Tgt Ion:178 Resp: 1125397  
Ion Ratio Lower Upper  
178 100  
176 20.7 16.6 24.8  
179 16.6 13.4 20.2





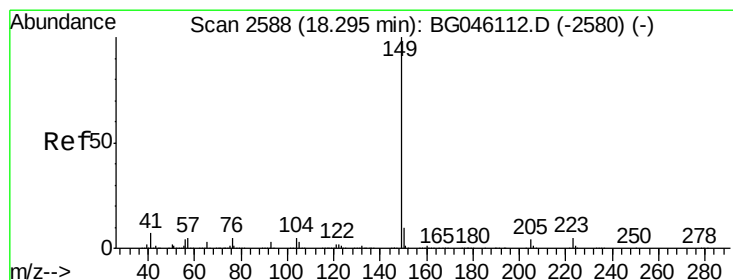
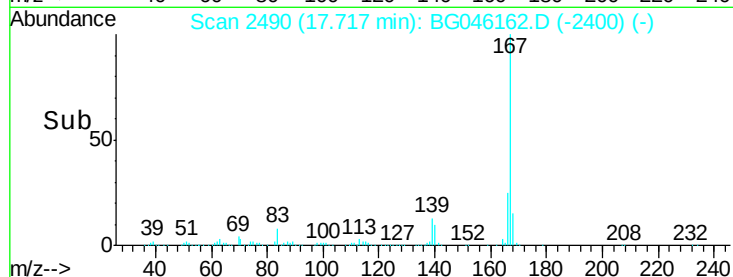
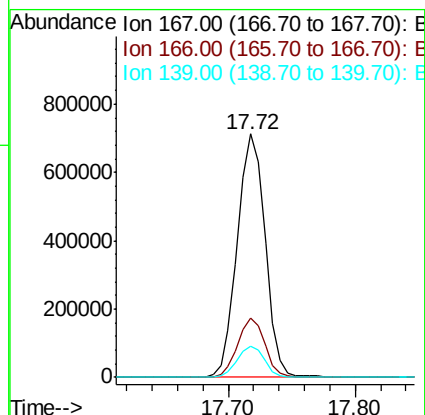
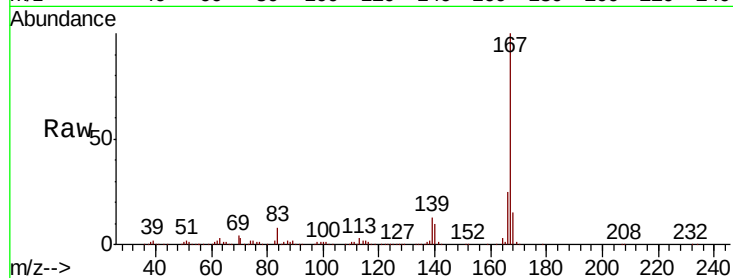


#73  
 Carbazole  
 Concen: 41.780 ng  
 RT: 17.72 min Scan# 2490  
 Delta R.T. -0.00 min  
 Lab File: BG046162.D  
 Acq: 4 Aug 2020 8:39

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:167 Resp: 1084988  

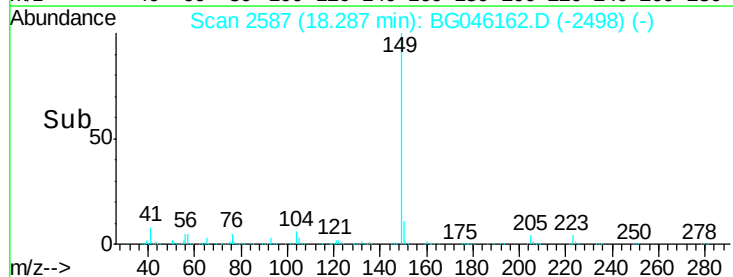
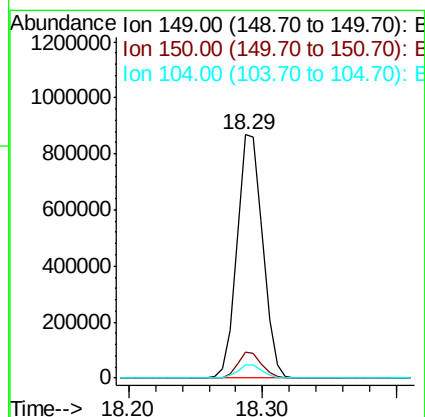
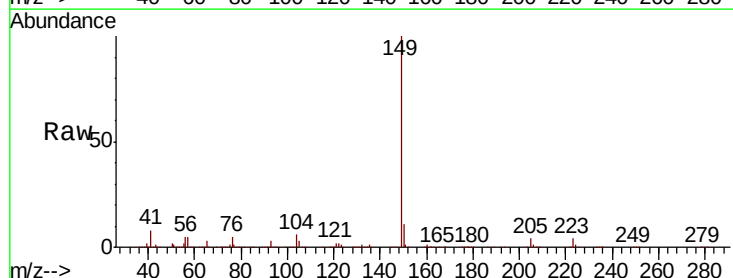
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 24.6  | 19.4  | 29.0  |
| 139 | 12.9  | 10.1  | 15.1  |

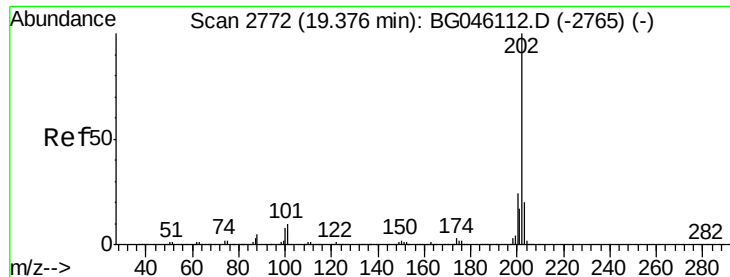


#74  
 Di-n-butylphthalate  
 Concen: 42.761 ng  
 RT: 18.29 min Scan# 2587  
 Delta R.T. -0.01 min  
 Lab File: BG046162.D  
 Acq: 4 Aug 2020 8:39

Tgt Ion:149 Resp: 1160755  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 10.6  | 8.4   | 12.6  |
| 104 | 5.5   | 4.2   | 6.2   |





#75

Fluoranthene

Concen: 41.429 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BG046162.D

Acq: 4 Aug 2020 8:39

Instrument :

BNA\_G

ClientSampleId :

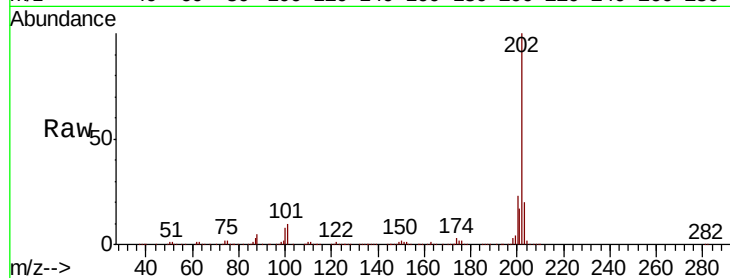
Tot Ion:202 Resp: 1400422

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.0

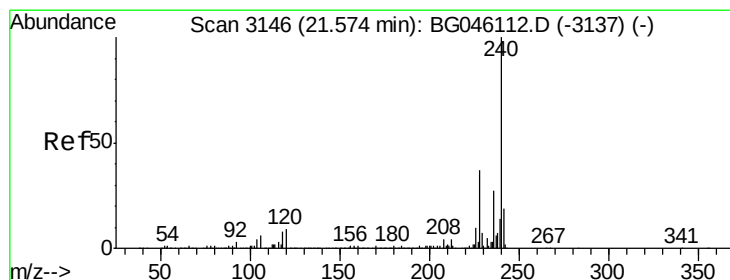
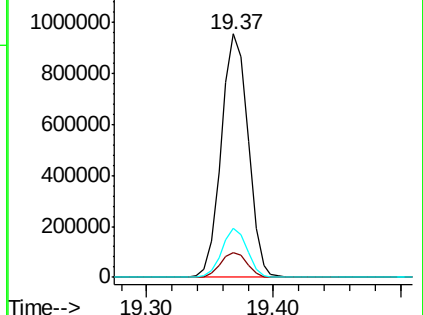
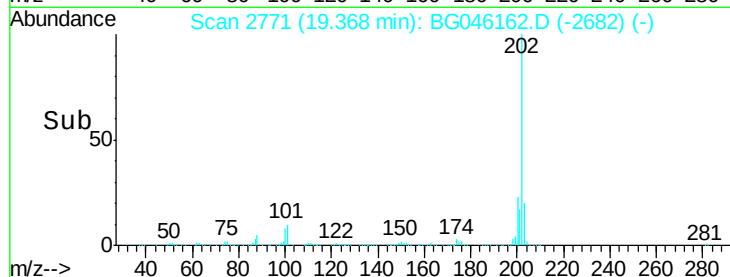
203 20.2 0.2 40.2



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: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG046162.D

Acq: 4 Aug 2020 8:39

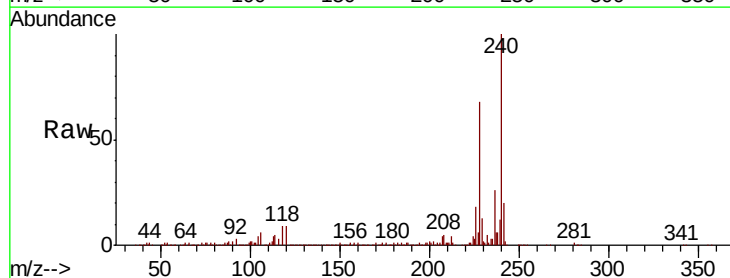
Tgt Ion:240 Resp: 507851

Ion Ratio Lower Upper

240 100

120 8.7 7.1 10.7

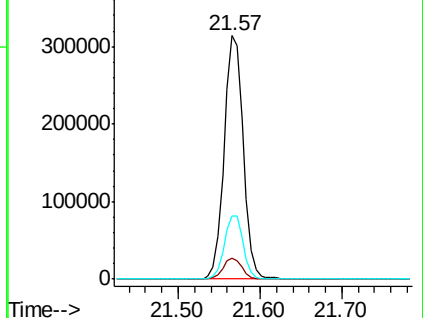
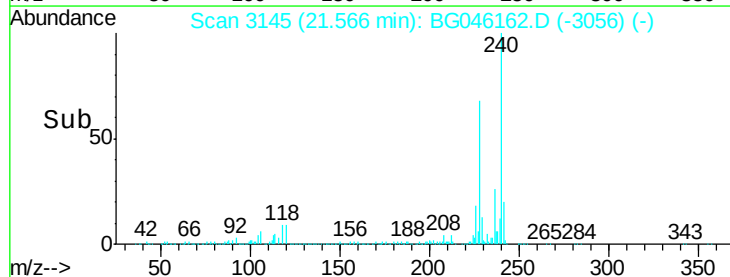
236 25.9 21.7 32.5

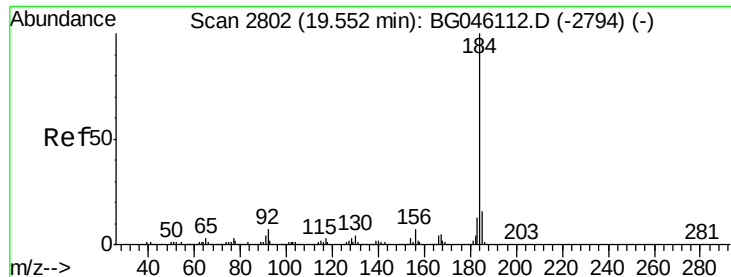


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.776 ng

RT: 19.54 min Scan# 2801

Delta R.T. -0.01 min

Lab File: BG046162.D

Acq: 4 Aug 2020 8:39

Instrument :

BNA\_G

ClientSampleId :

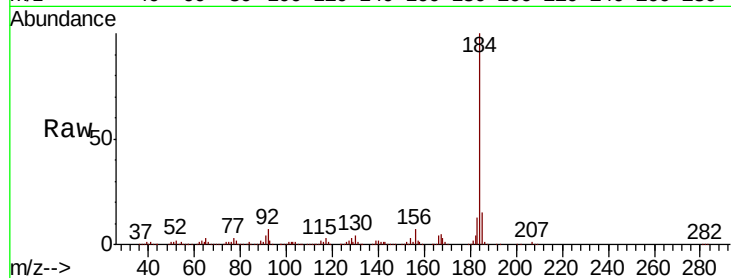
Tot Ion:184 Resp: 600958

Ion Ratio Lower Upper

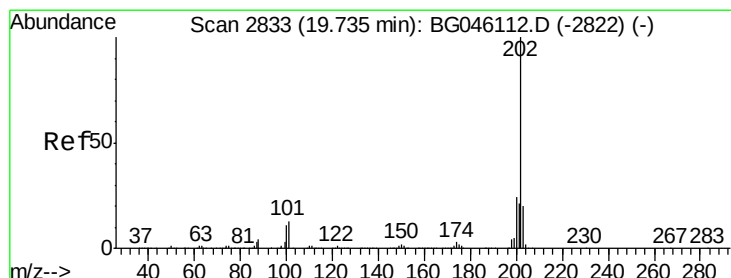
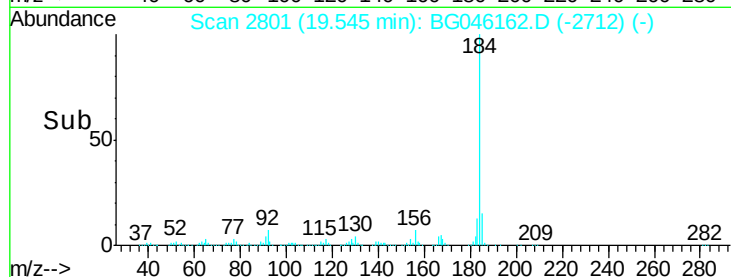
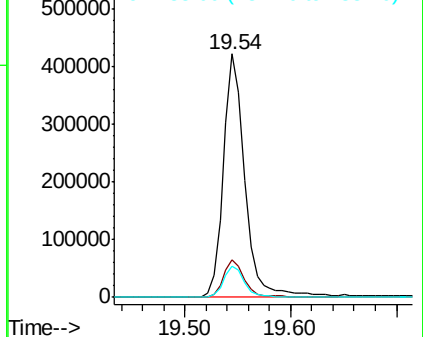
184 100

185 15.4 13.0 19.4

183 12.9 10.5 15.7



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: 41.046 ng

RT: 19.73 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BG046162.D

Acq: 4 Aug 2020 8:39

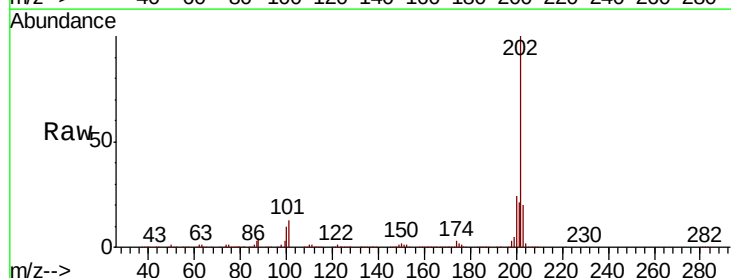
Tgt Ion:202 Resp: 1400589

Ion Ratio Lower Upper

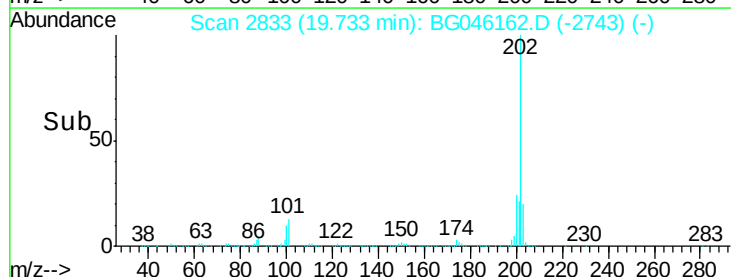
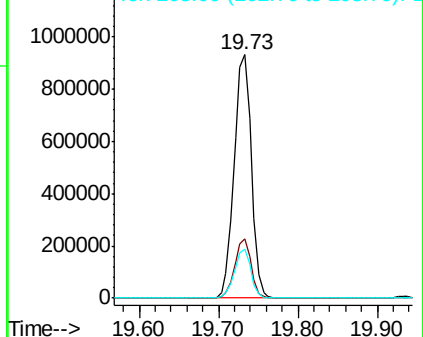
202 100

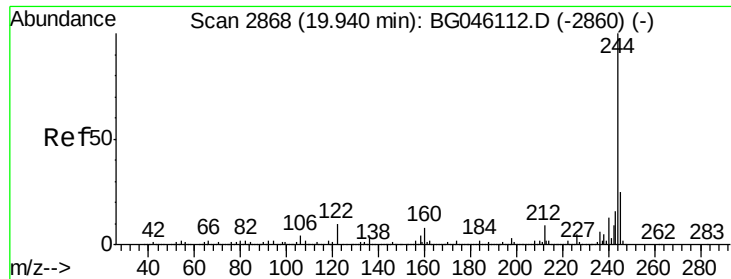
200 24.4 19.5 29.3

203 20.1 16.2 24.2



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: 77.226 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046162.D

Acq: 4 Aug 2020 8:39

Instrument :

BNA\_G

ClientSampleId :

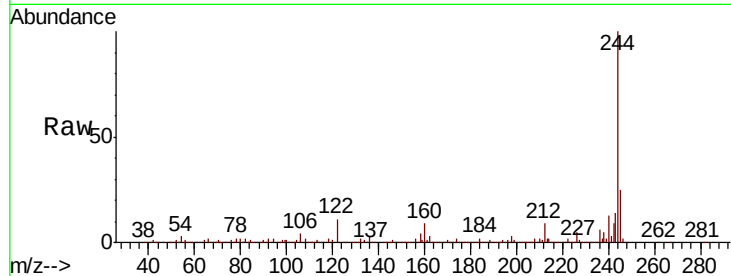
Tot Ion:244 Resp: 1925696

Ion Ratio Lower Upper

244 100

212 8.9 7.2 10.8

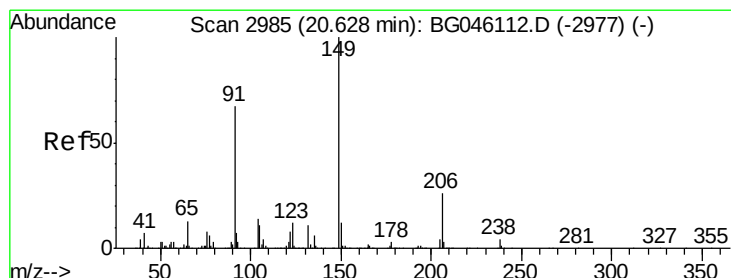
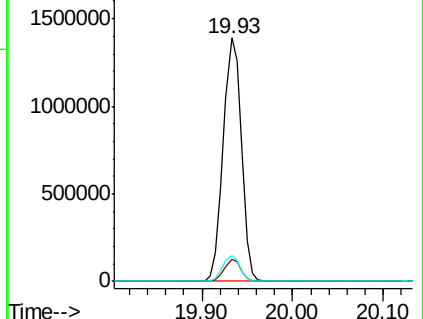
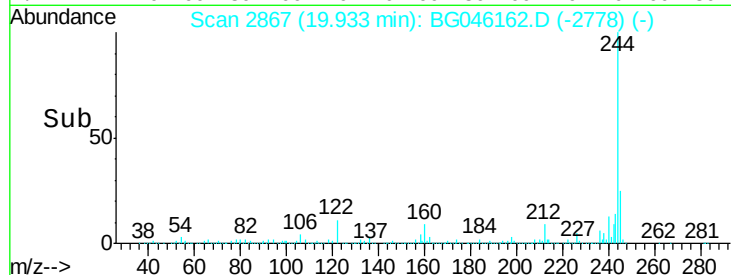
122 10.9 8.3 12.5



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: 44.055 ng

RT: 20.63 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BG046162.D

Acq: 4 Aug 2020 8:39

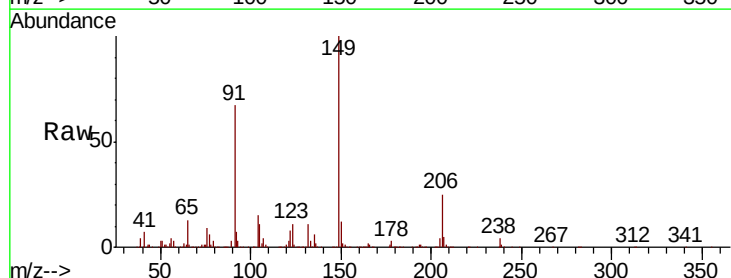
Tgt Ion:149 Resp: 544557

Ion Ratio Lower Upper

149 100

91 67.3 53.8 80.8

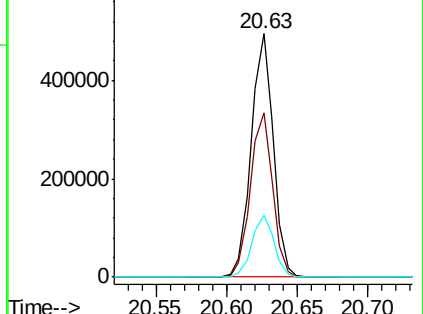
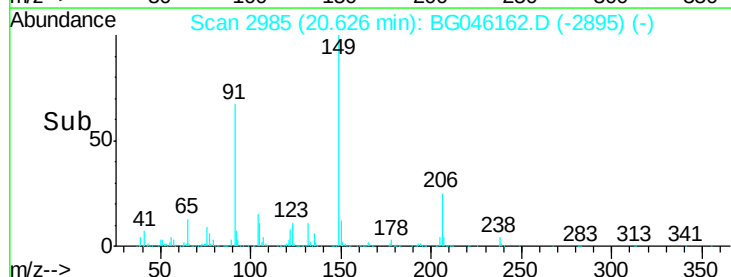
206 25.3 20.4 30.6

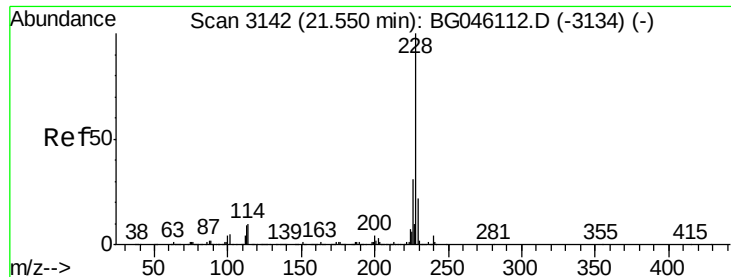


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.760 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG046162.D

Acq: 4 Aug 2020 8:39

Instrument :

BNA\_G

ClientSampled :

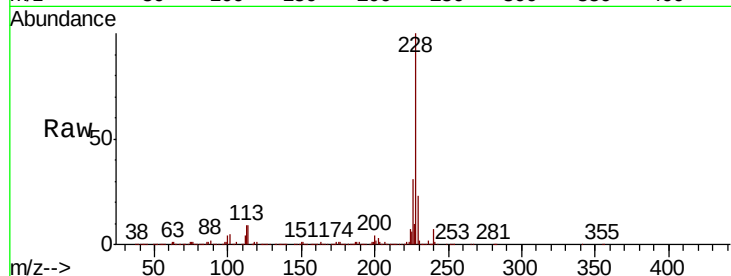
Tot Ion:228 Resp: 1385249

Ion Ratio Lower Upper

228 100

226 30.6 24.7 37.1

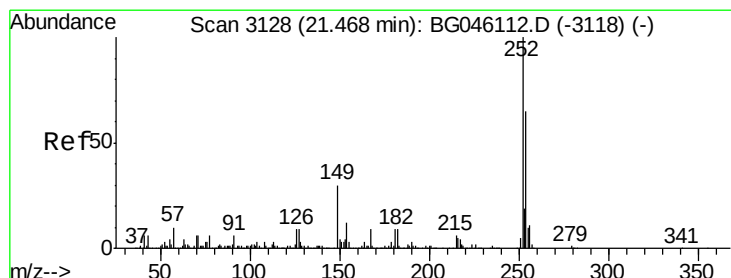
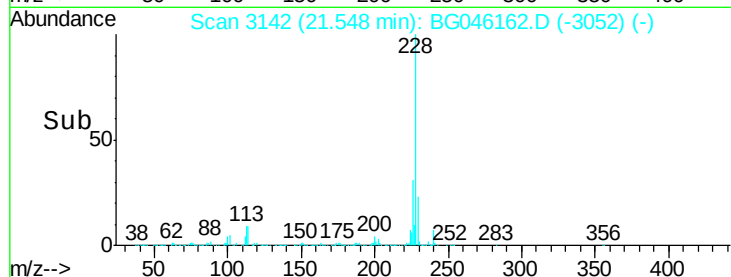
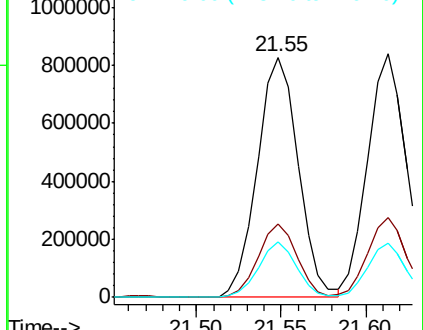
229 22.9 17.8 26.8



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: 41.807 ng

RT: 21.47 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BG046162.D

Acq: 4 Aug 2020 8:39

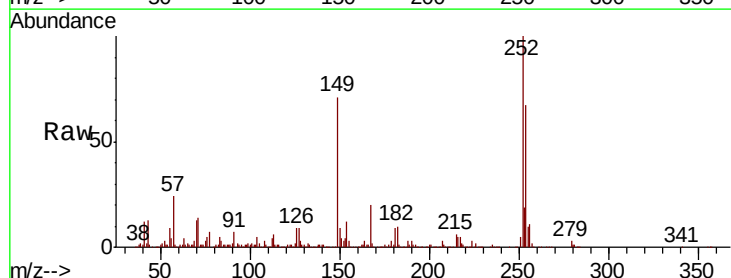
Tgt Ion:252 Resp: 590026

Ion Ratio Lower Upper

252 100

254 66.8 51.8 77.8

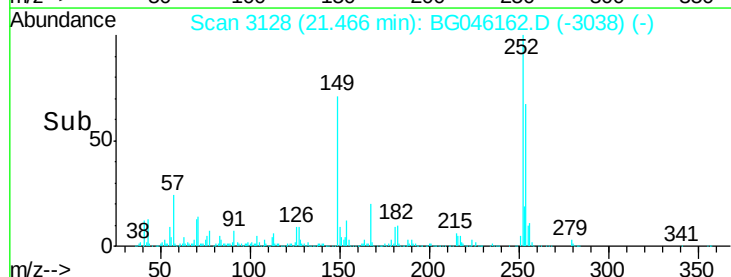
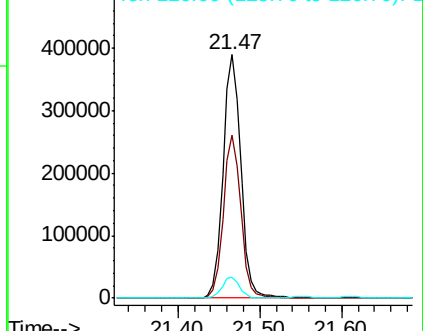
126 8.5 7.1 10.7

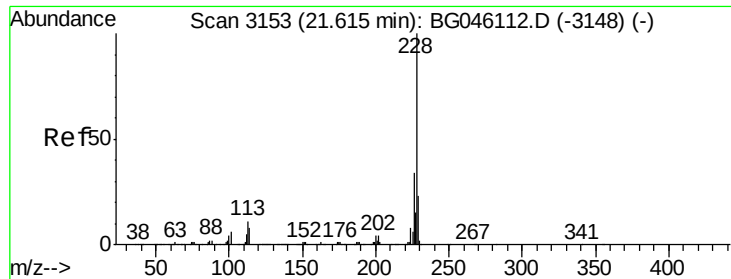


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.177 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG046162.D

Acq: 4 Aug 2020 8:39

Instrument :

BNA\_G

ClientSampleId :

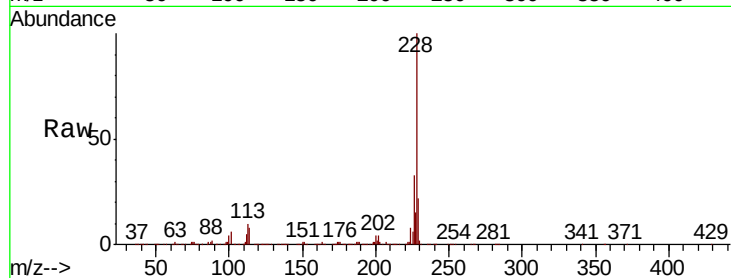
Tot Ion:228 Resp: 1337595

Ion Ratio Lower Upper

228 100

226 32.8 26.9 40.3

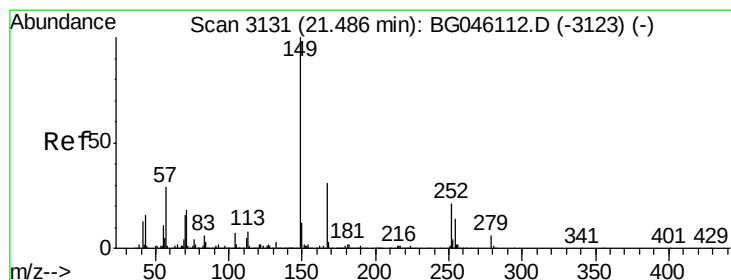
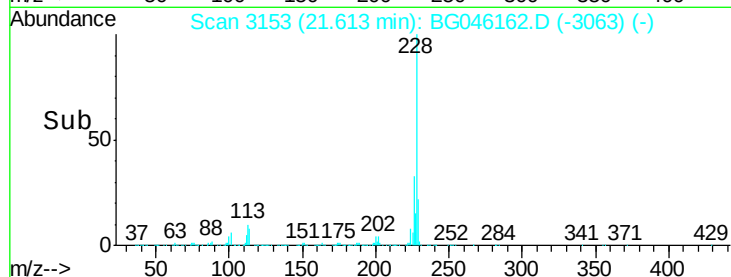
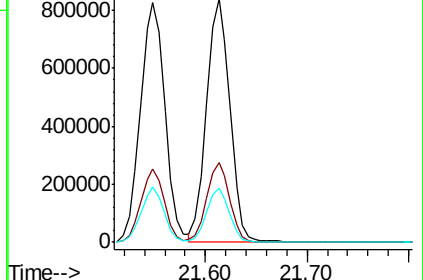
229 22.3 18.2 27.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.165 ng

RT: 21.48 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG046162.D

Acq: 4 Aug 2020 8:39

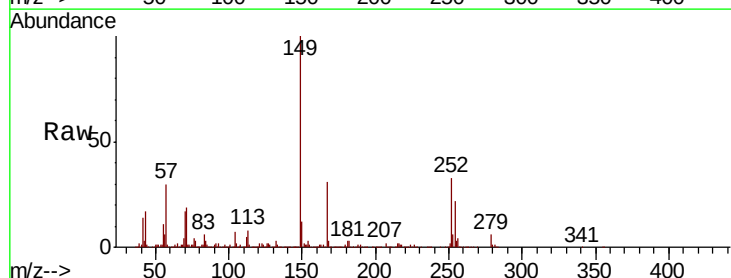
Tgt Ion:149 Resp: 745140

Ion Ratio Lower Upper

149 100

167 31.1 24.8 37.2

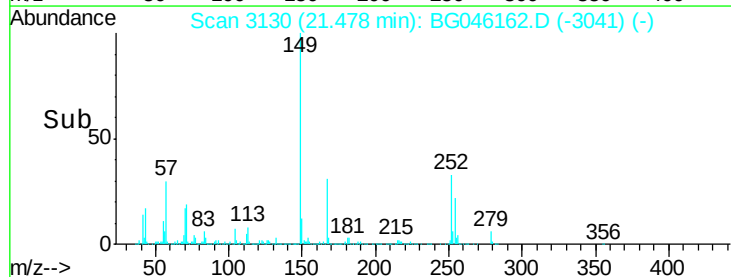
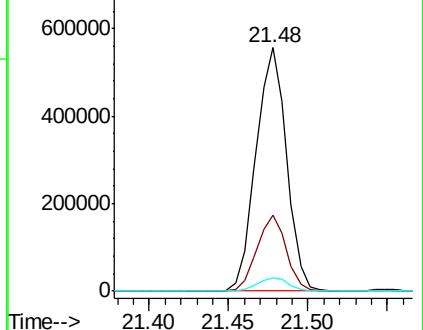
279 5.6 4.6 6.8

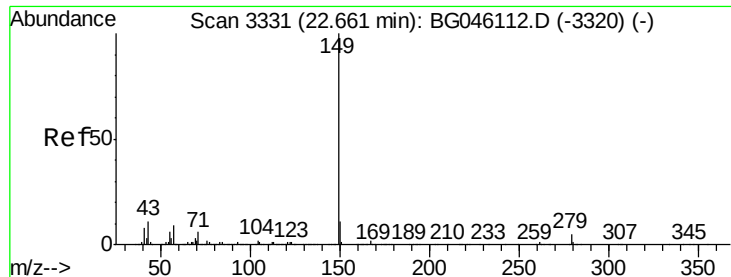


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.429 ng

RT: 22.65 min Scan# 3330

Delta R.T. -0.01 min

Lab File: BG046162.D

Acq: 4 Aug 2020 8:39

Instrument :

BNA\_G

ClientSampleId :

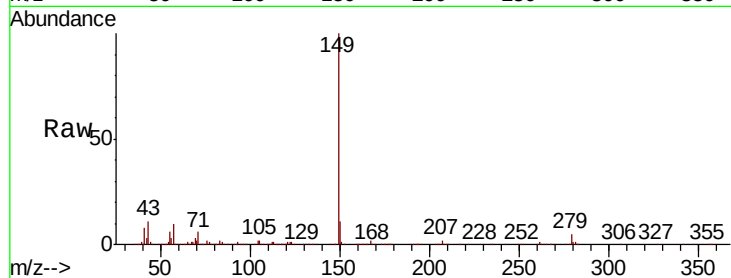
Tot Ion:149 Resp: 1299457

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

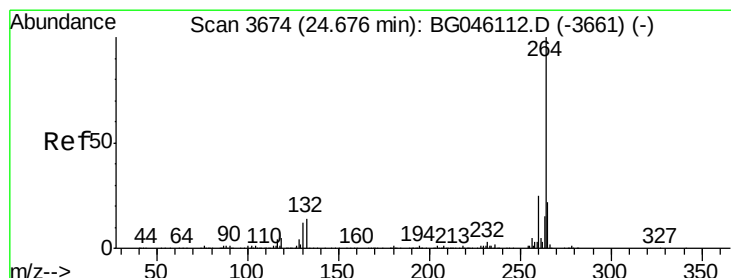
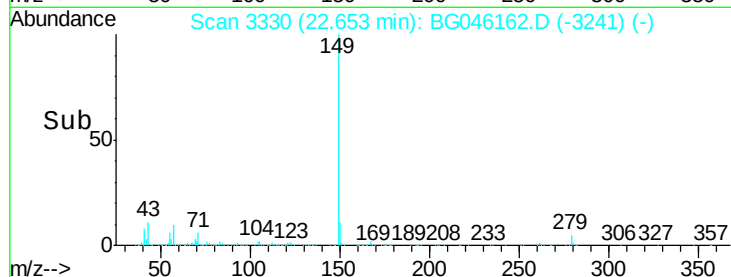
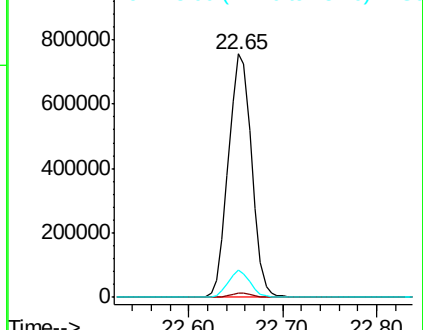
43 10.5 7.8 11.8



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

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.01 min

Lab File: BG046162.D

Acq: 4 Aug 2020 8:39

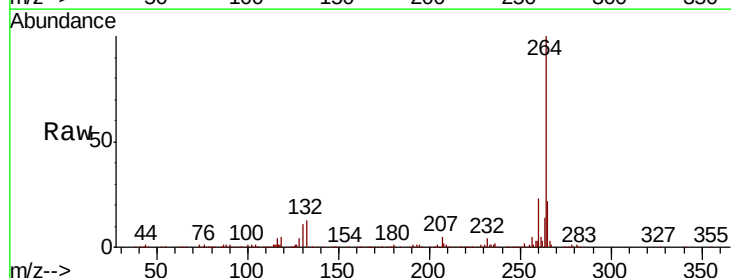
Tgt Ion:264 Resp: 546125

Ion Ratio Lower Upper

264 100

260 23.1 19.7 29.5

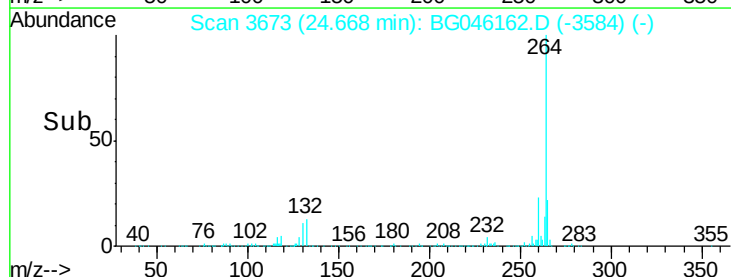
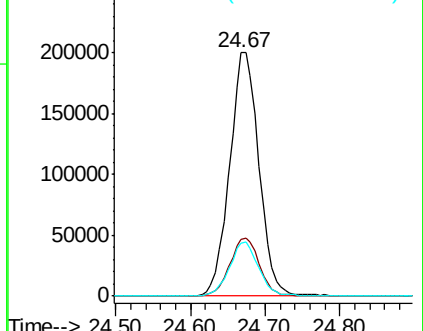
265 21.7 17.6 26.4

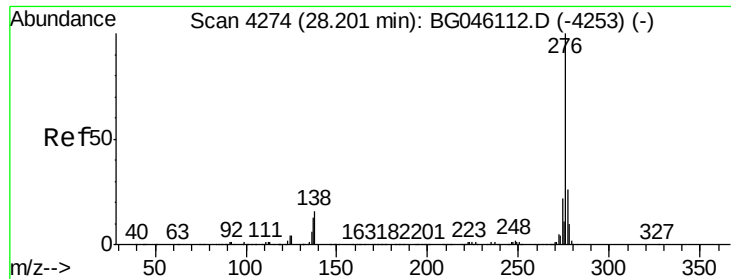


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

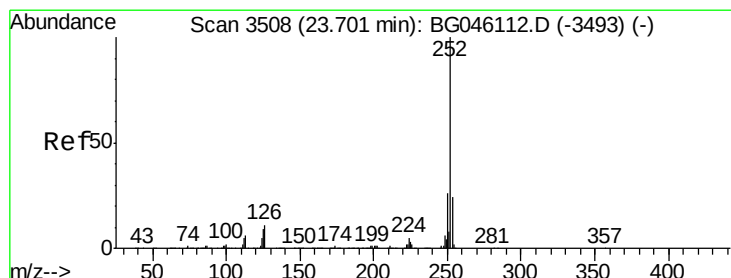
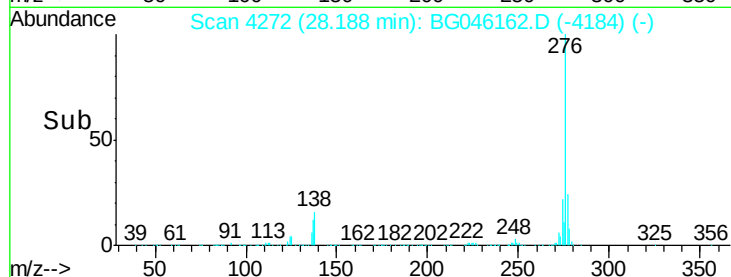
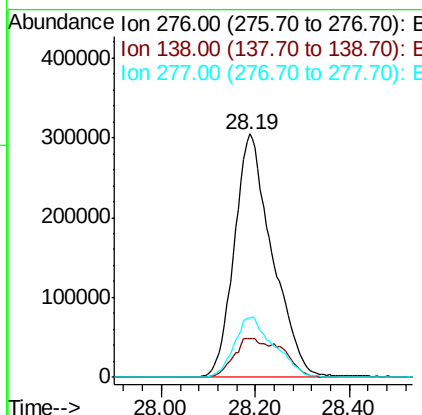
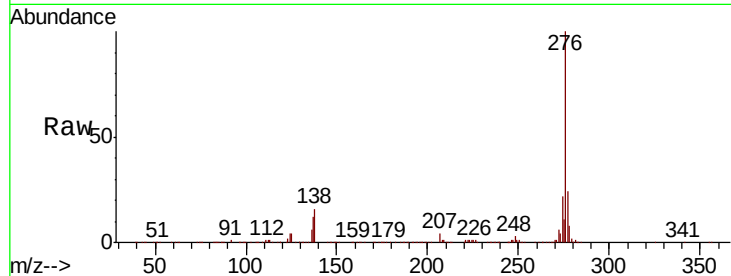




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 41.000 ng  
 RT: 28.19 min Scan# 4272  
 Delta R.T. -0.01 min  
 Lab File: BG046162.D  
 Acq: 4 Aug 2020 8:39

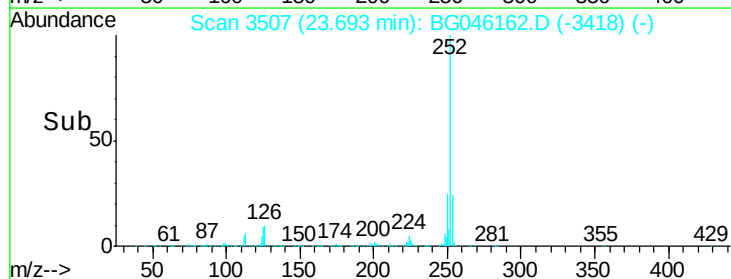
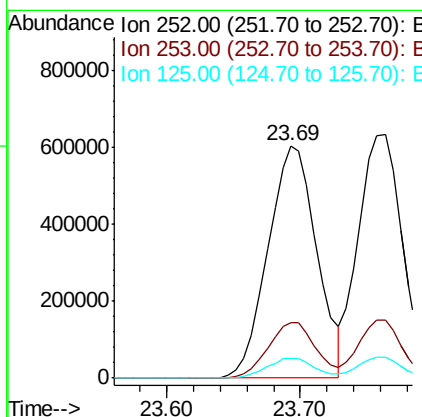
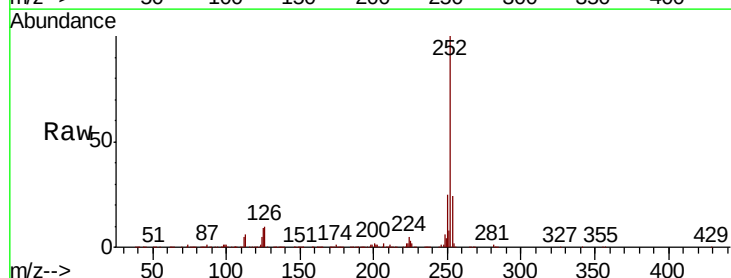
Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:276 Resp: 1707678  
 Ion Ratio Lower Upper  
 276 100  
 138 13.6 11.6 17.4  
 277 25.9 20.8 31.2

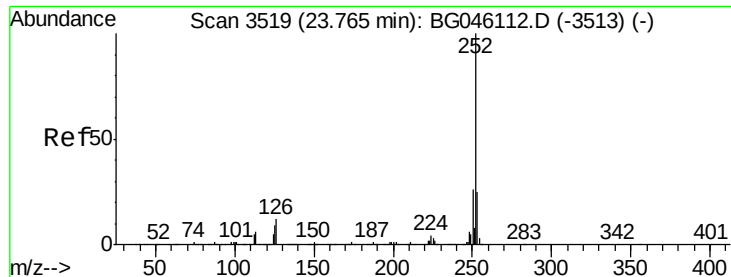


#88  
 Benzo(b)fluoranthene  
 Concen: 41.792 ng  
 RT: 23.69 min Scan# 3507  
 Delta R.T. -0.01 min  
 Lab File: BG046162.D  
 Acq: 4 Aug 2020 8:39

Tgt Ion:252 Resp: 1529473  
 Ion Ratio Lower Upper  
 252 100  
 253 23.8 19.2 28.8  
 125 8.5 7.2 10.8







#89

Benzo(k)fluoranthene

Concen: 40.575 ng

RT: 23.76 min Scan# 3519

Delta R.T. -0.00 min

Lab File: BG046162.D

Acq: 4 Aug 2020 8:39

Instrument :

BNA\_G

ClientSampleId :

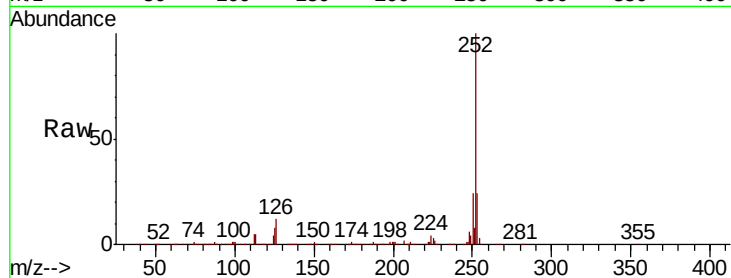
Tot Ion:252 Resp: 1456459

Ion Ratio Lower Upper

252 100

253 23.6 19.5 29.3

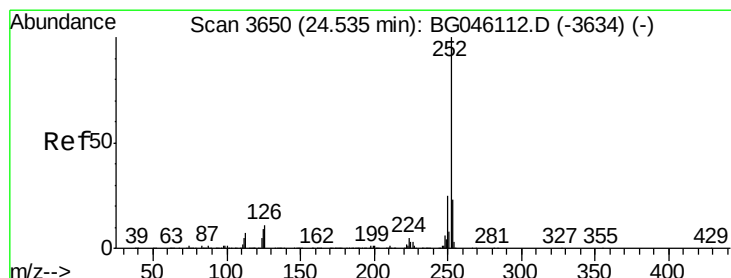
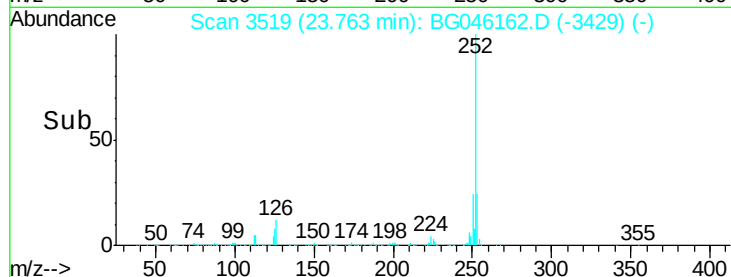
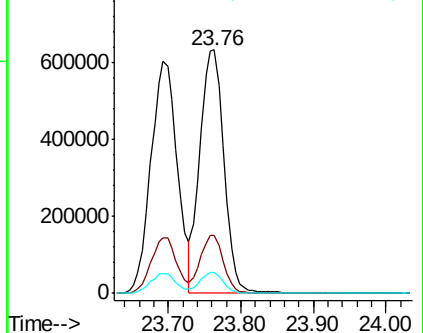
125 8.4 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.675 ng

RT: 24.53 min Scan# 3649

Delta R.T. -0.01 min

Lab File: BG046162.D

Acq: 4 Aug 2020 8:39

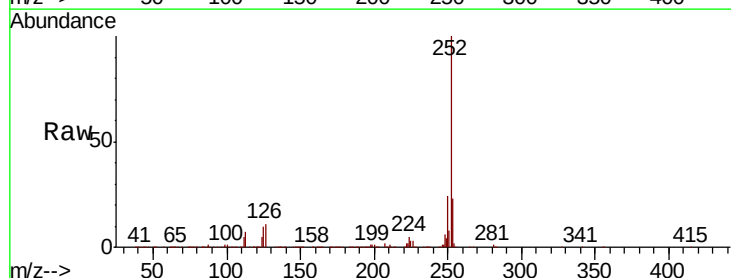
Tgt Ion:252 Resp: 1419206

Ion Ratio Lower Upper

252 100

253 23.2 18.6 27.8

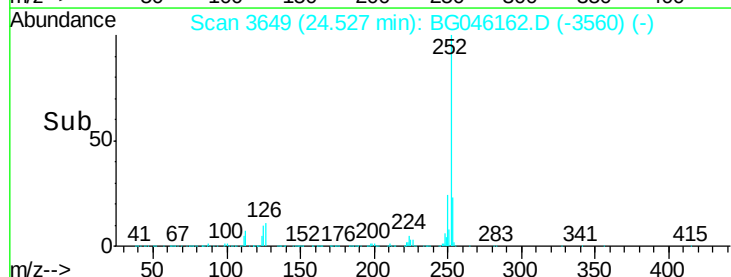
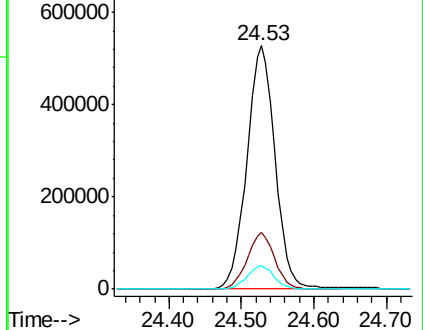
125 9.6 7.1 10.7

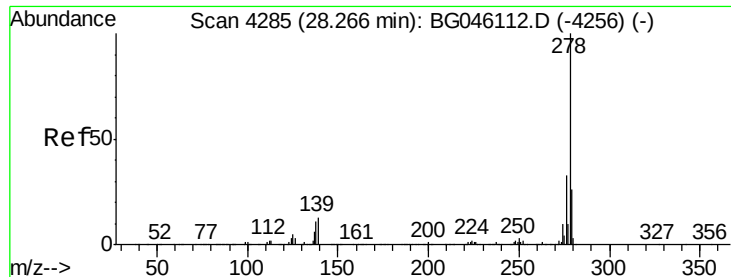


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



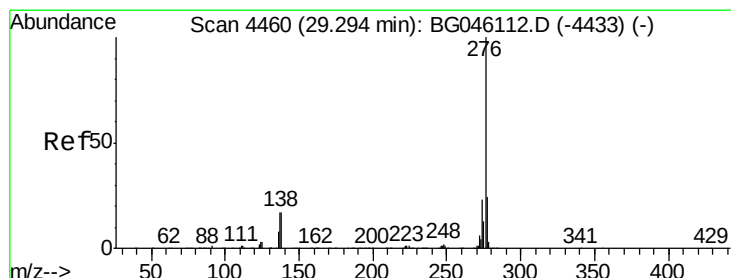
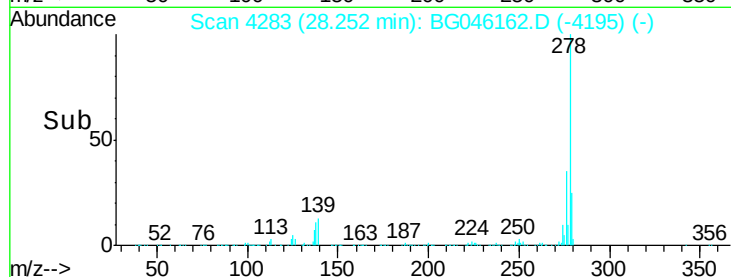
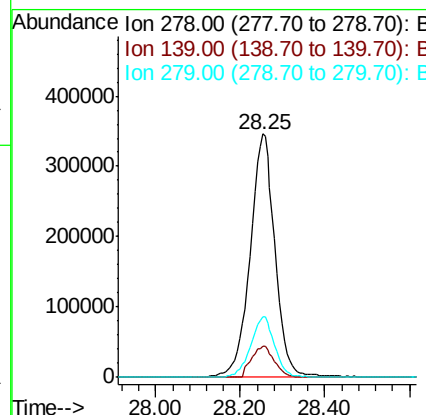
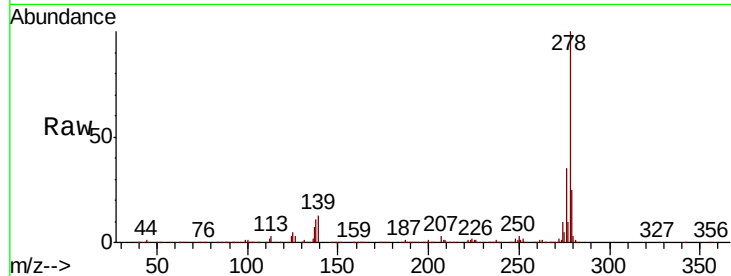


#91  
Dibenzo(a,h)anthracene  
Concen: 40.835 ng  
RT: 28.25 min Scan# 4283  
Delta R.T. -0.01 min  
Lab File: BG046162.D  
Acq: 4 Aug 2020 8:39

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:278 Resp: 1421795  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 12.8  | 10.8  | 16.2  |
| 279 | 24.9  | 20.5  | 30.7  |



#92  
Benzo(g,h,i)perylene  
Concen: 40.704 ng  
RT: 29.28 min Scan# 4458  
Delta R.T. -0.01 min  
Lab File: BG046162.D  
Acq: 4 Aug 2020 8:39

Tgt Ion:276 Resp: 1431309  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.8  | 19.5  | 29.3  |
| 138 | 17.4  | 13.8  | 20.6  |

