

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\  
 Data File : BG044736.D  
 Acq On : 12 Mar 2020 15:32  
 Operator : CG/JU  
 Sample : PB127474BS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Mar 13 06:07:52 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 10 16:27:39 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.05  | 152  | 100962   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.86 | 136  | 427519   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.69 | 164  | 290245   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.43 | 188  | 672114   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.71 | 240  | 583107   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.92 | 264  | 558452   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.62  | 112 | 865256  | 133.41 | ng | 0.00 |
| 7) Phenol-d6             | 7.21  | 99  | 1216509 | 129.10 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.21  | 82  | 689947  | 70.82  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.17 | 330 | 465578  | 122.51 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.31 | 172 | 1432555 | 70.68  | ng | 0.00 |
| 79) Terphenyl-d14        | 20.05 | 244 | 2180042 | 69.93  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.52  | 88  | 121075 | 38.766 | ng | 95     |
| 3) Pyridine                    | 3.91  | 79  | 298366 | 32.270 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.82  | 42  | 156893 | 44.724 | ng | 93     |
| 6) Aniline                     | 7.37  | 93  | 385893 | 32.910 | ng | 97     |
| 8) 2-Chlorophenol              | 7.62  | 128 | 313102 | 48.360 | ng | 97     |
| 9) Benzaldehyde                | 7.18  | 77  | 140120 | 21.037 | ng | 98     |
| 10) Phenol                     | 7.24  | 94  | 451910 | 48.440 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.47  | 93  | 324460 | 43.578 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 7.95  | 146 | 328096 | 41.138 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.09  | 146 | 329364 | 41.772 | ng | 100    |
| 14) 1,2-Dichlorobenzene        | 8.41  | 146 | 314679 | 42.081 | ng | 92     |
| 15) Benzyl Alcohol             | 8.29  | 79  | 351968 | 46.553 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.59  | 45  | 536088 | 40.800 | ng | 99     |
| 17) 2-Methylphenol             | 8.49  | 107 | 302909 | 47.933 | ng | 94     |
| 18) Hexachloroethane           | 9.15  | 117 | 125096 | 40.299 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 8.86  | 70  | 276542 | 41.561 | ng | # 96   |
| 20) 3+4-Methylphenols          | 8.82  | 107 | 419819 | 48.192 | ng | 98     |
| 22) Acetophenone               | 8.88  | 105 | 490128 | 40.468 | ng | # 98   |
| 24) Nitrobenzene               | 9.25  | 77  | 425459 | 42.087 | ng | 98     |
| 25) Isophorone                 | 9.78  | 82  | 789275 | 41.509 | ng | 96     |
| 26) 2-Nitrophenol              | 9.97  | 139 | 163516 | 46.754 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 10.03 | 122 | 312768 | 50.510 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 10.27 | 93  | 446990 | 39.391 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.50 | 162 | 325466 | 45.000 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.73 | 180 | 343529 | 39.723 | ng | 98     |
| 31) Naphthalene                | 10.92 | 128 | 975629 | 41.196 | ng | 98     |
| 32) Benzoic acid               | 10.16 | 122 | 210715 | 44.552 | ng | 98     |
| 33) 4-Chloroaniline            | 11.01 | 127 | 219435 | 20.566 | ng | 97     |
| 34) Hexachlorobutadiene        | 11.21 | 225 | 222439 | 39.113 | ng | 95     |
| 35) Caprolactam                | 11.78 | 113 | 59806  | 21.840 | ng | # 86   |
| 36) 4-Chloro-3-methylphenol    | 12.13 | 107 | 385542 | 44.696 | ng | 95     |
| 37) 2-Methylnaphthalene        | 12.52 | 142 | 740483 | 41.799 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.74 | 142 | 695735 | 41.774 | ng | 93     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.89 | 216 | 369860 | 38.694 | ng | 97     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\  
 Data File : BG044736.D  
 Acq On : 12 Mar 2020 15:32  
 Operator : CG/JU  
 Sample : PB127474BS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

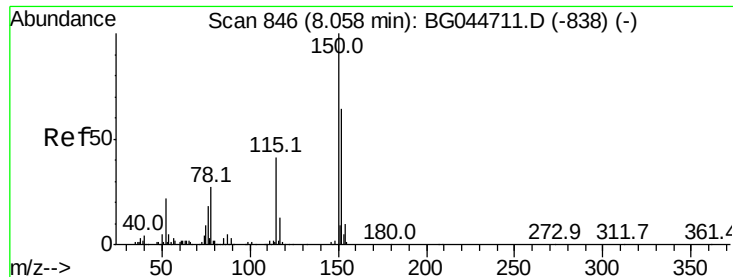
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Mar 13 06:07:52 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 10 16:27:39 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.88 | 237  | 430899   | 82.487 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.12 | 196  | 276325   | 43.560 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.19 | 196  | 292151   | 44.408 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.52 | 154  | 920844   | 39.702 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.57 | 162  | 708480   | 39.986 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.75 | 65   | 273775   | 44.135 | ng    | 98       |
| 49) Acenaphthylene             | 14.41 | 152  | 1167674  | 42.066 | ng    | 99       |
| 50) Dimethylphthalate          | 14.14 | 163  | 944114   | 40.841 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.25 | 165  | 211307   | 45.349 | ng    | 98       |
| 52) Acenaphthene               | 14.75 | 154  | 842024   | 46.318 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.58 | 138  | 160981   | 30.050 | ng    | 95       |
| 54) 2,4-Dinitrophenol          | 14.78 | 184  | 225056   | 91.137 | ng    | # 69     |
| 55) Dibenzofuran               | 15.09 | 168  | 1115159  | 42.301 | ng    | 100      |
| 56) 4-Nitrophenol              | 14.88 | 139  | 392547   | 96.013 | ng    | 99       |
| 57) 2,4-Dinitrotoluene         | 15.04 | 165  | 293820   | 45.977 | ng    | 95       |
| 58) Fluorene                   | 15.73 | 166  | 906577   | 41.805 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.23 | 232  | 274759   | 45.364 | ng    | 100      |
| 60) Diethylphthalate           | 15.51 | 149  | 994673   | 41.255 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.73 | 204  | 485981   | 41.619 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.74 | 138  | 217832   | 38.133 | ng    | 98       |
| 63) Azobenzene                 | 16.02 | 77   | 1050362  | 41.951 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.80 | 198  | 156239   | 49.173 | ng    | 94       |
| 66) n-Nitrosodiphenylamine     | 15.94 | 169  | 834686   | 41.249 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.63 | 248  | 335250   | 39.899 | ng    | 93       |
| 68) Hexachlorobenzene          | 16.74 | 284  | 351288   | 38.537 | ng    | 94       |
| 69) Atrazine                   | 16.89 | 200  | 343835   | 46.378 | ng    | 98       |
| 70) Pentachlorophenol          | 17.08 | 266  | 452766   | 90.272 | ng    | 98       |
| 71) Phenanthrene               | 17.48 | 178  | 1465560  | 40.804 | ng    | 100      |
| 72) Anthracene                 | 17.57 | 178  | 1494942  | 42.211 | ng    | 99       |
| 73) Carbazole                  | 17.83 | 167  | 1395436  | 41.019 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.41 | 149  | 1672259  | 40.437 | ng    | 99       |
| 75) Fluoranthene               | 19.48 | 202  | 1784090  | 41.719 | ng    | 99       |
| 77) Benzidine                  | 19.65 | 184  | 480296   | 25.372 | ng    | 98       |
| 78) Pyrene                     | 19.84 | 202  | 1783072  | 41.679 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.74 | 149  | 768655   | 40.387 | ng    | 97       |
| 81) Benzo(a)anthracene         | 21.68 | 228  | 1702124  | 40.538 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.60 | 252  | 553223   | 34.058 | ng    | 97       |
| 83) Chrysene                   | 21.76 | 228  | 1617704  | 40.334 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.62 | 149  | 1064336  | 40.520 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.84 | 149  | 1826887  | 41.563 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.58 | 276  | 2149981  | 40.888 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 23.91 | 252  | 1869470  | 50.708 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.98 | 252  | 1725336  | 49.452 | ng    | 98       |
| 90) Benzo(a)pyrene             | 24.77 | 252  | 1667636  | 48.341 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene     | 28.65 | 278  | 1771772  | 52.059 | ng    | 96       |
| 92) Benzo(g,h,i)perylene       | 29.73 | 276  | 1802663  | 52.426 | ng    | 99       |

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



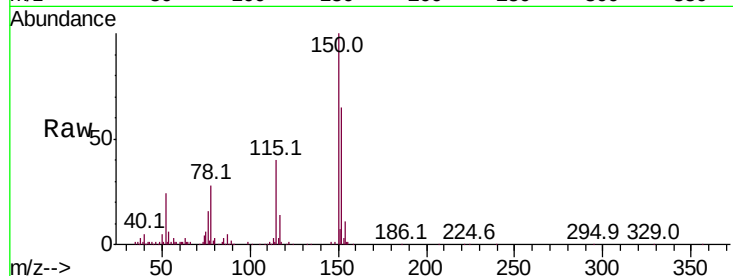


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.05 min Scan# 845  
Delta R.T. -0.00 min  
Lab File: BG044736.D  
Acq: 12 Mar 2020 15:32

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 153.9 | 125.3 | 187.9 |
| 115     | 62.1  | 51.7  | 77.5  |

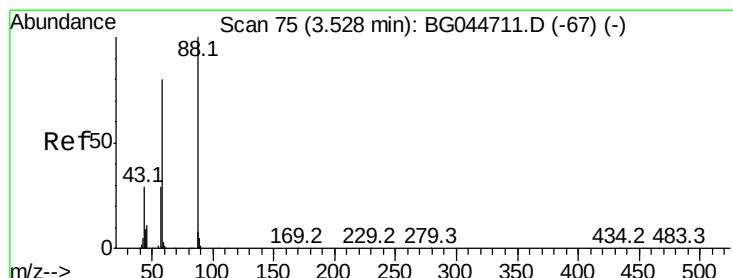
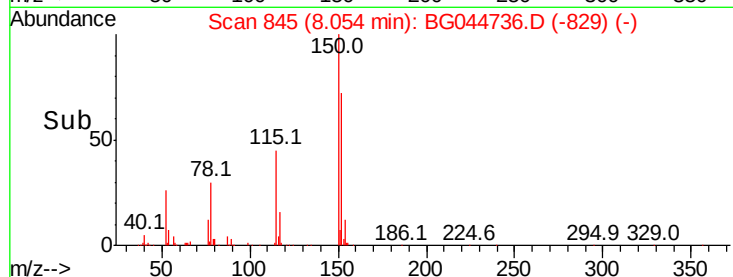
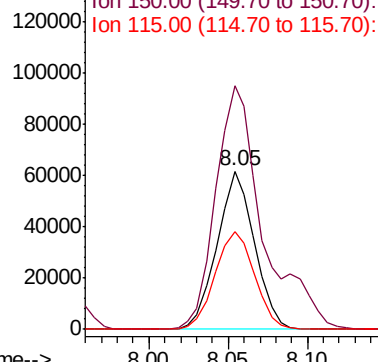


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

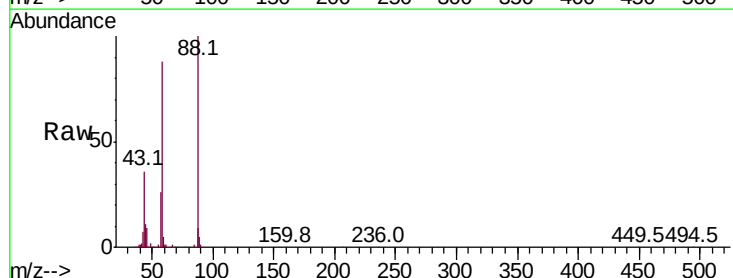
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 38.766 ng  
RT: 3.52 min Scan# 73  
Delta R.T. -0.01 min  
Lab File: BG044736.D  
Acq: 12 Mar 2020 15:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 84.0  | 63.0  | 94.4  |
| 43      | 30.7  | 23.2  | 34.8  |

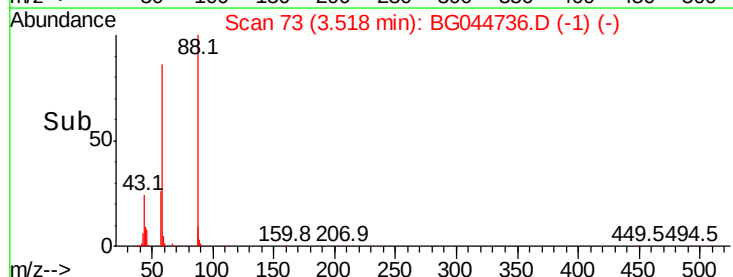
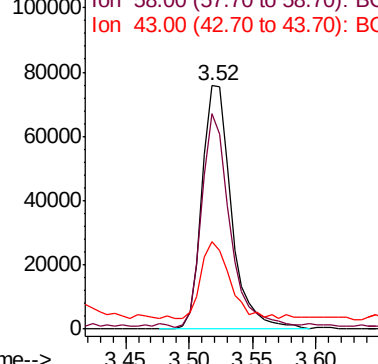


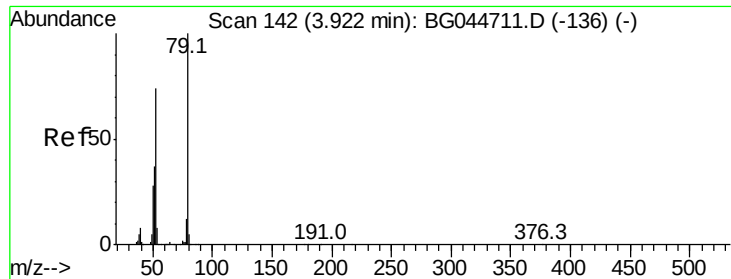
Abundance

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: 32.270 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.01 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Instrument :

BNA\_G

ClientSampleId :

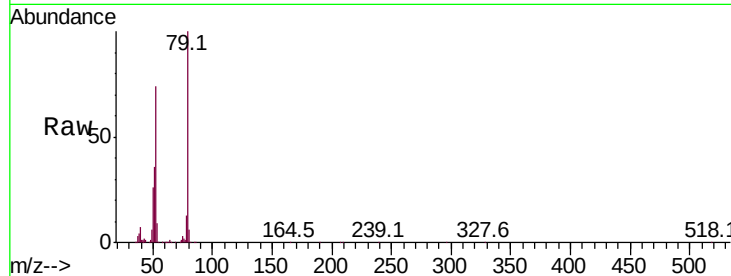
Tot Ion: 79 Resp: 298366

Ion Ratio Lower Upper

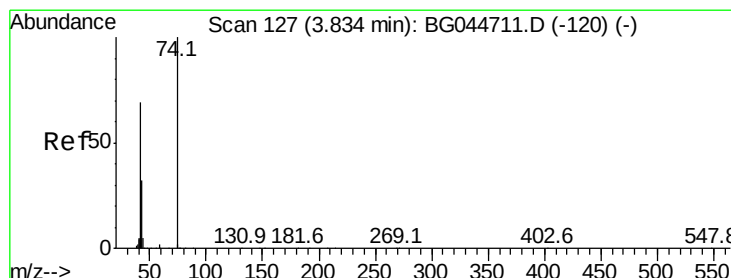
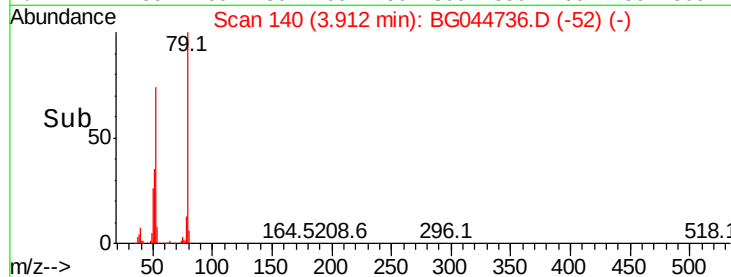
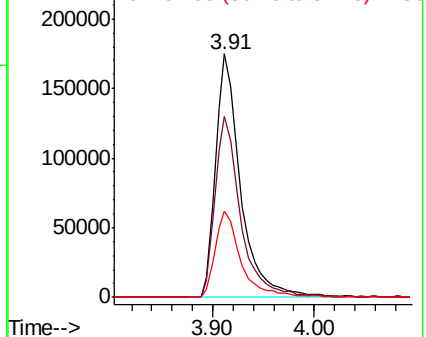
79 100

52 74.3 59.4 89.2

51 35.5 29.7 44.5



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: 44.724 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

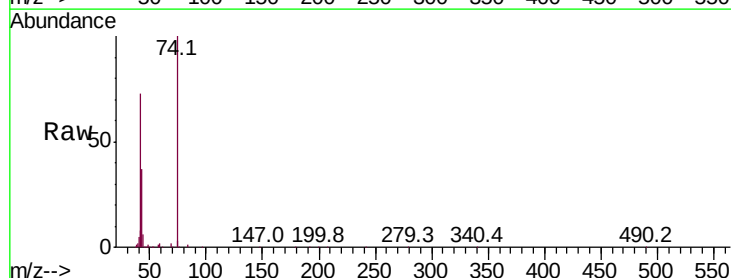
Tgt Ion: 42 Resp: 156893

Ion Ratio Lower Upper

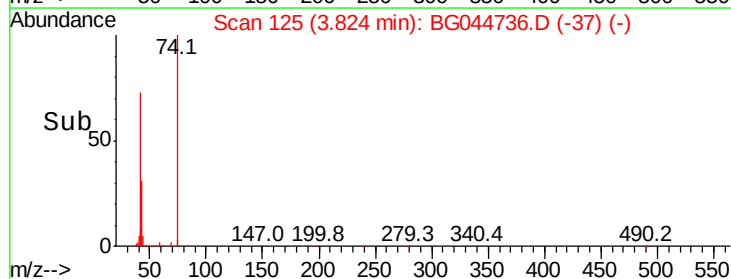
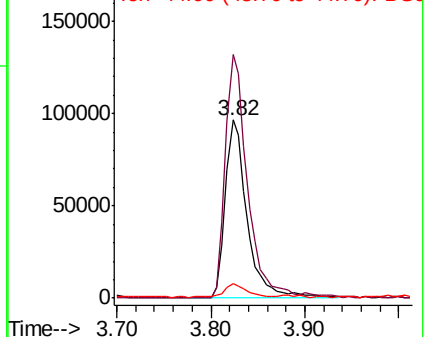
42 100

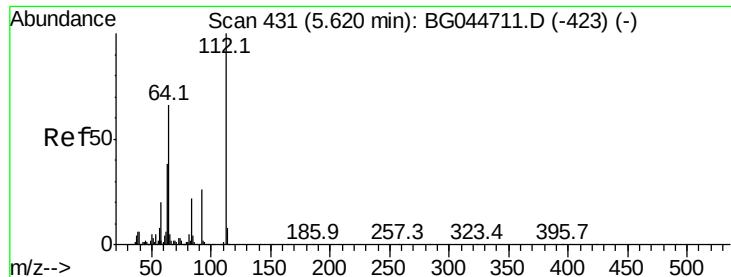
74 136.6 116.1 174.1

44 7.8 7.1 10.7



Abundance Ion 42.00 (41.70 to 42.70): BGC  
Ion 74.00 (73.70 to 74.70): BGC  
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 133.410 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Instrument :

BNA\_G

ClientSampleId :

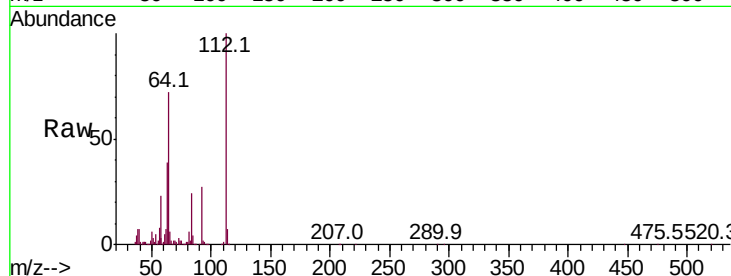
Tot Ion:112 Resp: 865256

Ion Ratio Lower Upper

112 100

64 71.9 52.6 78.8

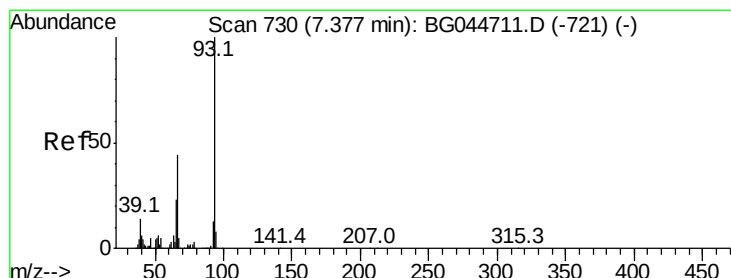
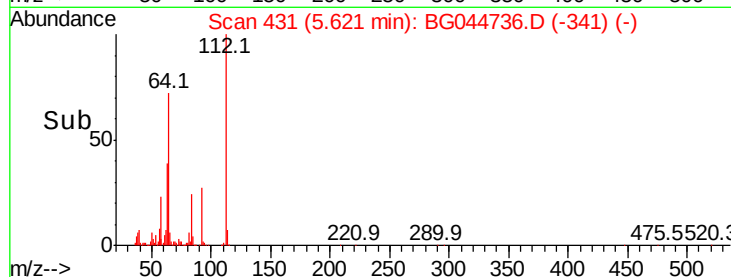
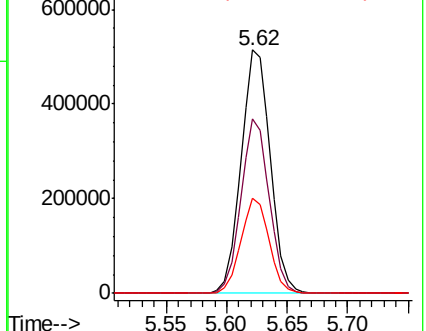
63 38.9 30.2 45.4



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: 32.910 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

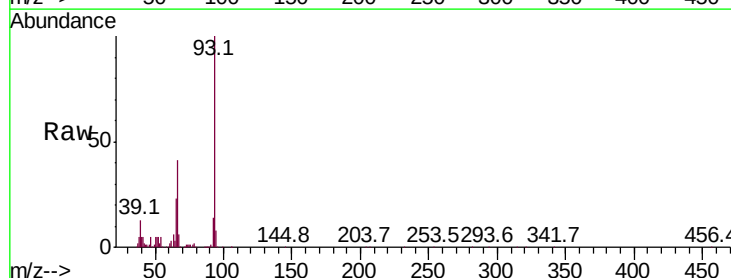
Tgt Ion: 93 Resp: 385893

Ion Ratio Lower Upper

93 100

66 41.4 35.3 52.9

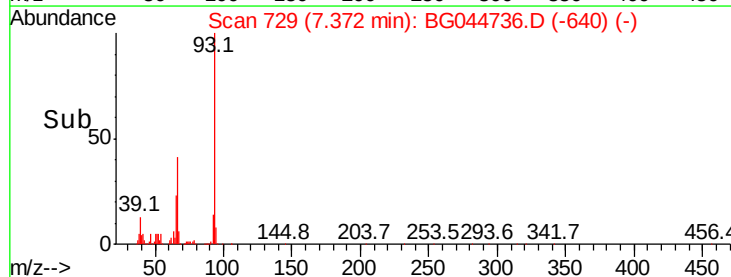
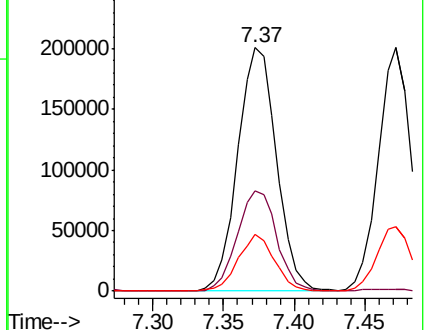
65 23.4 18.2 27.4

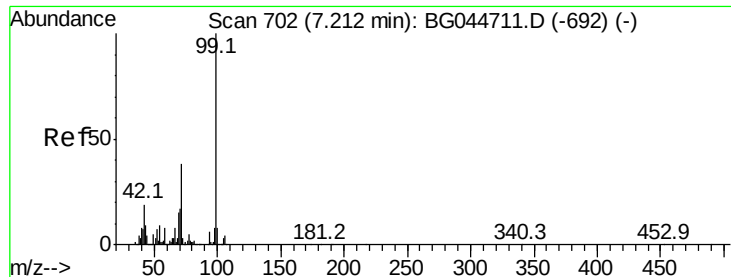


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 129.097 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

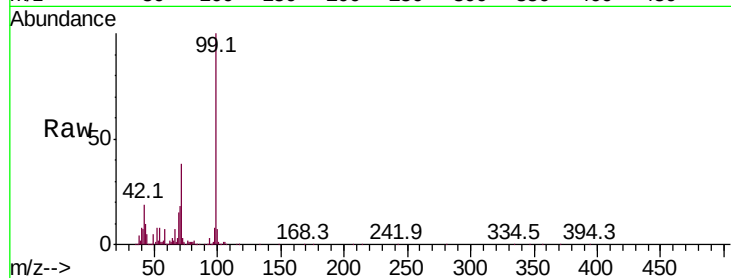
Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 99 Resp: 1216509

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.0  | 15.4  | 23.0  |
| 71  | 37.8  | 30.2  | 45.4  |



Abundance

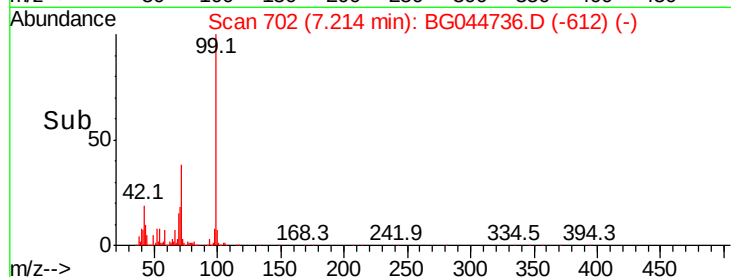
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

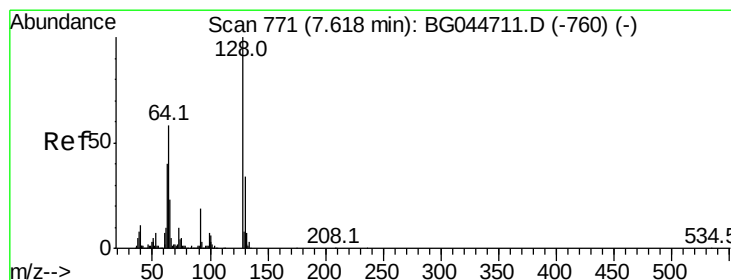
Ion 71.00 (70.70 to 71.70): BGC

7.21

Time-->



Time-->



#8

2-Chlorophenol

Concen: 48.360 ng

RT: 7.62 min Scan# 771

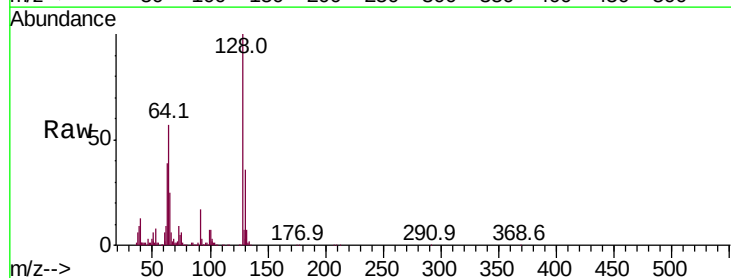
Delta R.T. 0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Tgt Ion:128 Resp: 313102

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 36.2  | 13.6  | 53.6  |
| 64  | 57.4  | 38.6  | 78.6  |



Abundance

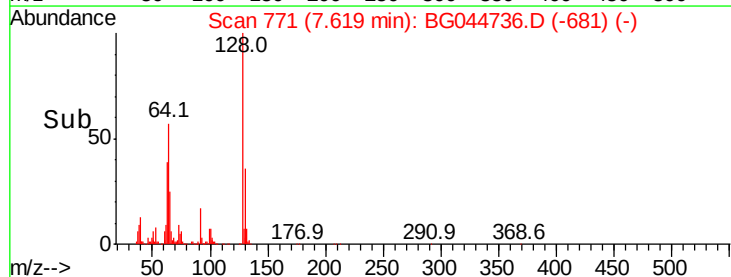
Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

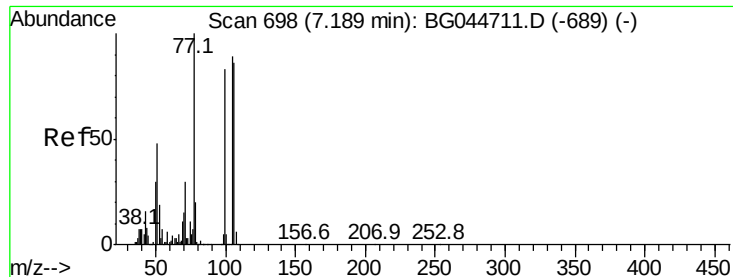
7.62

Time-->



Time-->





#9

Benzaldehyde

Concen: 21.037 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Instrument :

BNA\_G

ClientSampled :

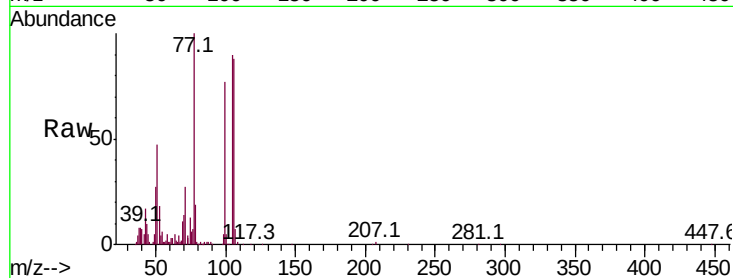
Tot Ion: 77 Resp: 140120

Ion Ratio Lower Upper

77 100

105 89.6 68.6 108.6

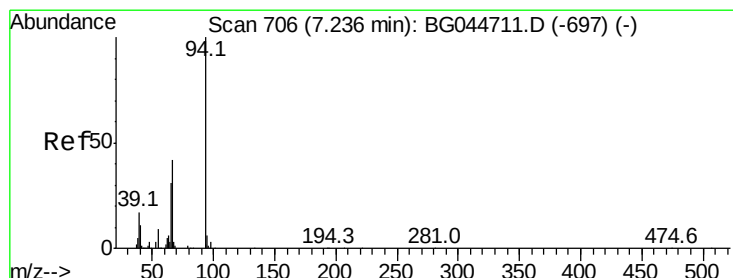
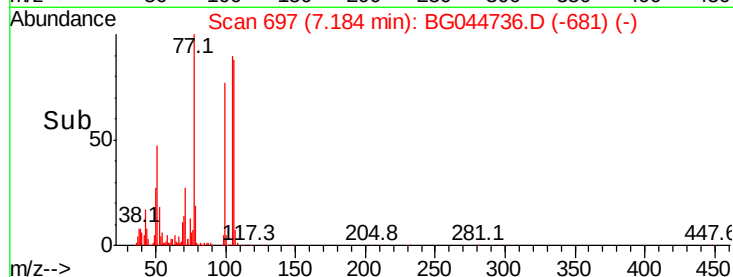
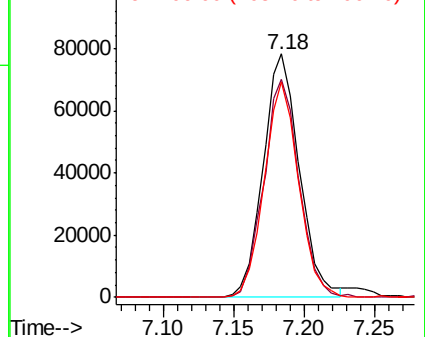
106 88.4 65.9 105.9



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: 48.440 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

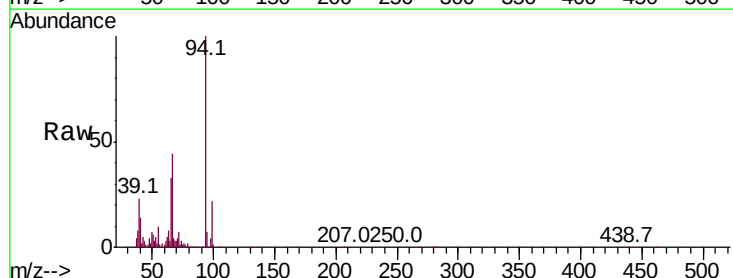
Tgt Ion: 94 Resp: 451910

Ion Ratio Lower Upper

94 100

65 33.5 11.3 51.3

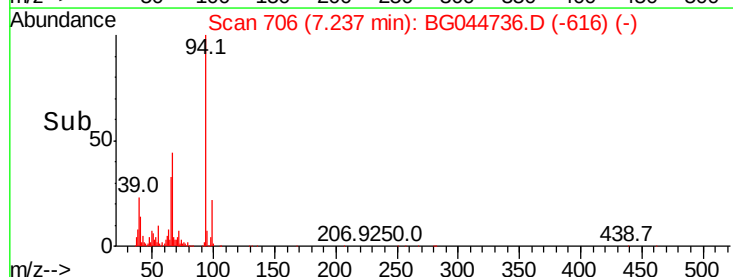
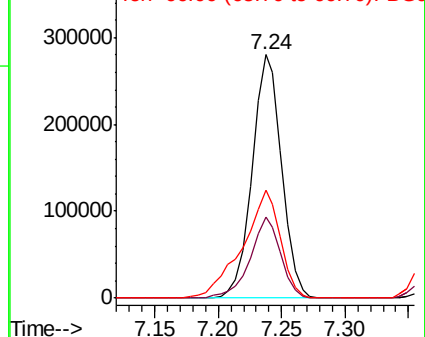
66 44.4 22.9 62.9



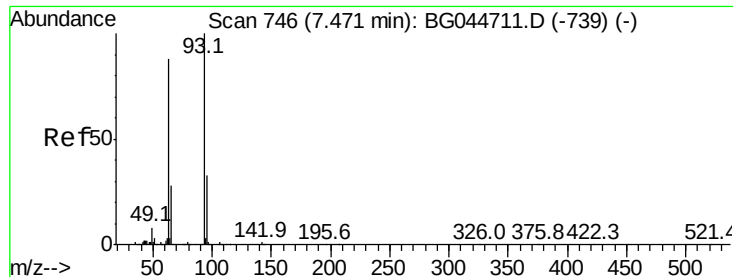
Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC







#11

bis(2-Chloroethyl)ether

Concen: 43.578 ng

RT: 7.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Instrument :

BNA\_G

ClientSampleId :

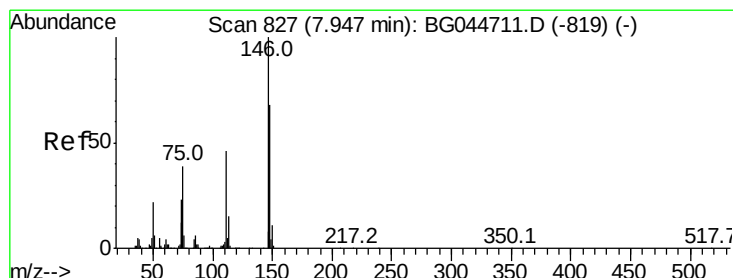
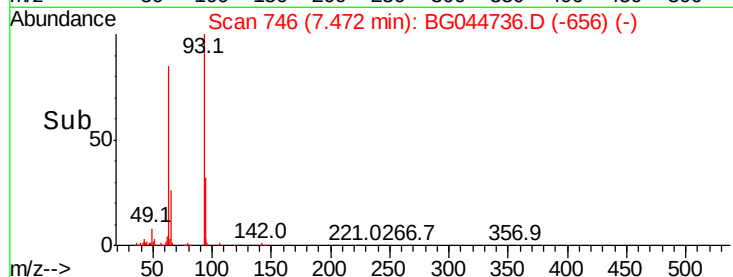
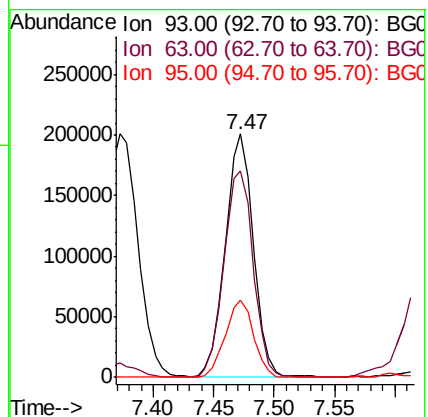
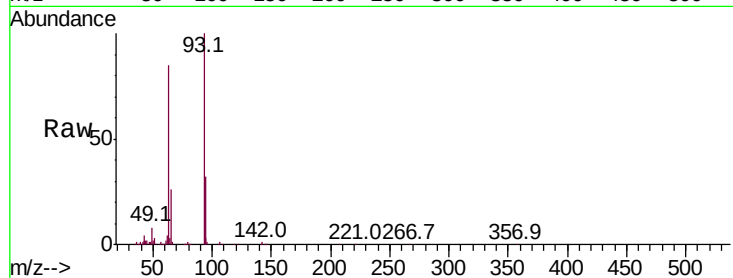
Tot Ion: 93 Resp: 324460

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 85.1  | 68.1  | 108.1 |
| 95  | 31.7  | 12.4  | 52.4  |

93 100

63 85.1 68.1 108.1

95 31.7 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 41.138 ng

RT: 7.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

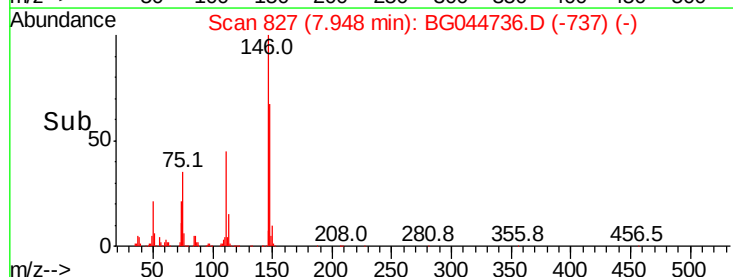
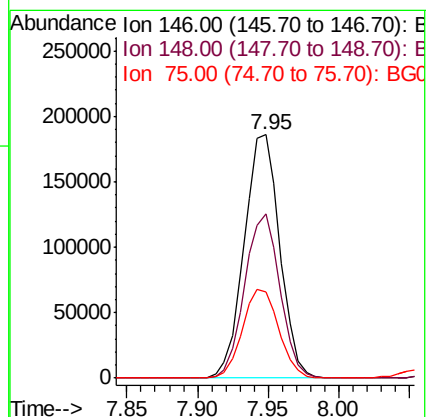
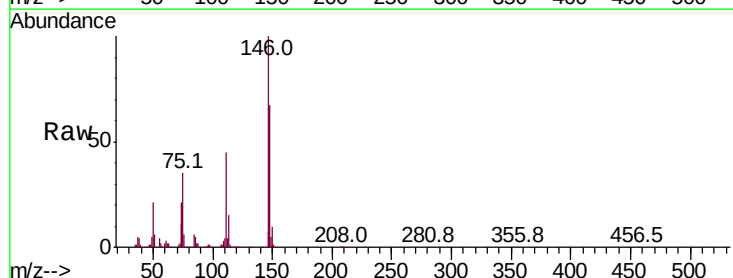
Tgt Ion: 146 Resp: 328096

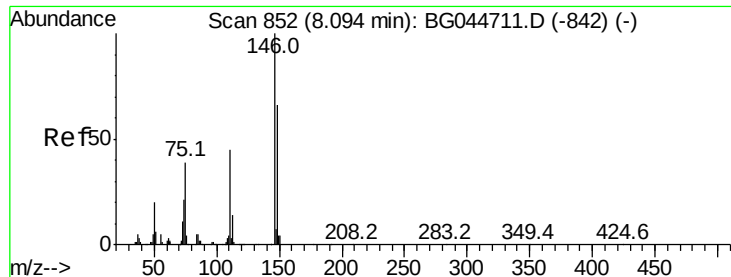
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 67.2  | 54.2  | 81.2  |
| 75  | 35.4  | 31.3  | 46.9  |

146 100

148 67.2 54.2 81.2

75 35.4 31.3 46.9

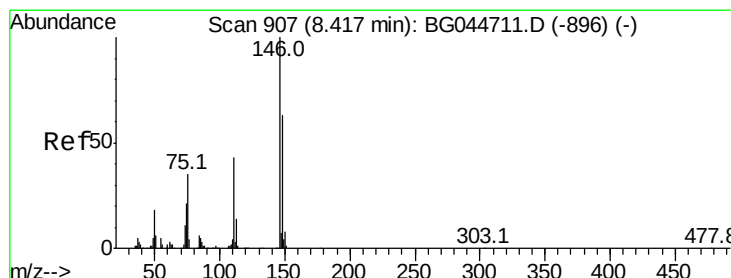
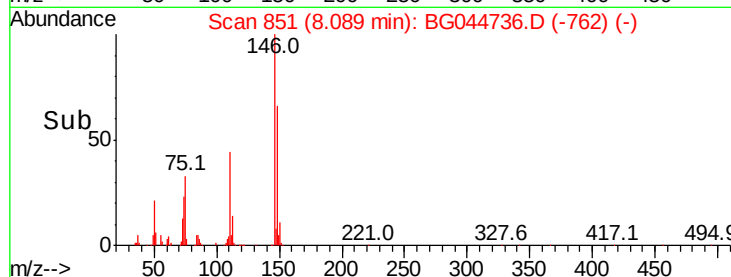
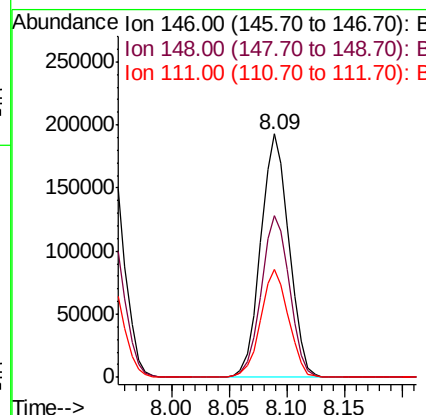
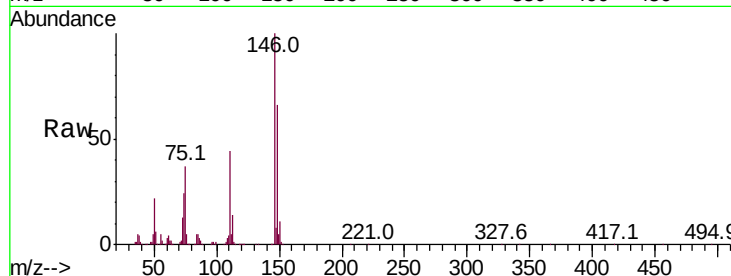




#13  
 1,4-Dichlorobenzene  
 Concen: 41.772 ng  
 RT: 8.09 min Scan# 851  
 Delta R.T. -0.00 min  
 Lab File: BG044736.D  
 Acq: 12 Mar 2020 15:32

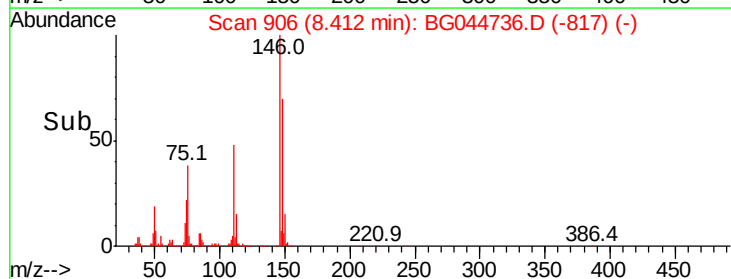
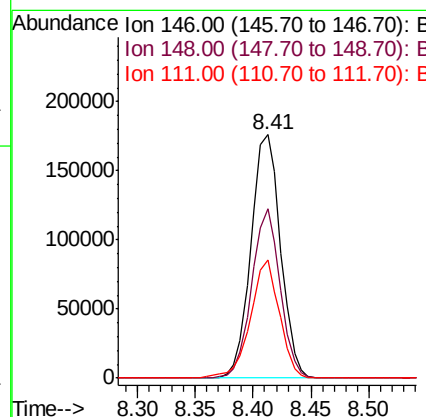
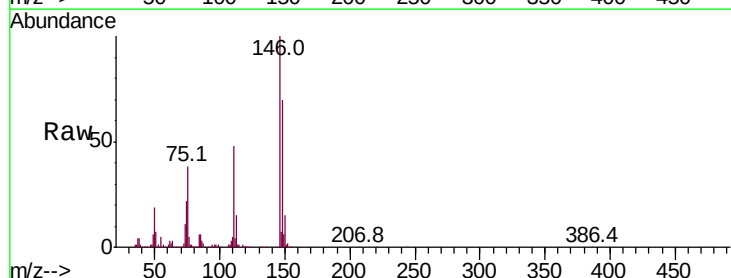
Instrument :  
 BNA\_G  
 ClientSampled :

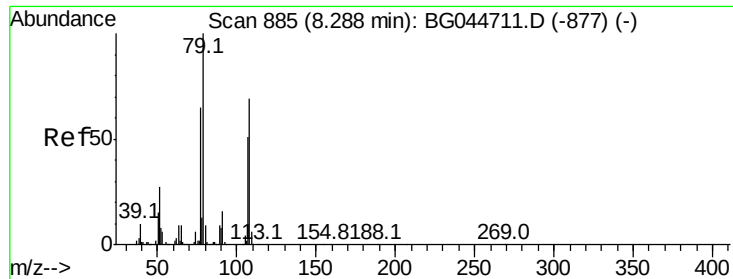
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.4  | 52.9  | 79.3  |
| 111     | 44.1  | 35.6  | 53.4  |



#14  
 1,2-Dichlorobenzene  
 Concen: 42.081 ng  
 RT: 8.41 min Scan# 906  
 Delta R.T. -0.00 min  
 Lab File: BG044736.D  
 Acq: 12 Mar 2020 15:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 69.7  | 50.8  | 76.2  |
| 111     | 48.3  | 34.8  | 52.2  |





#15

Benzyl Alcohol

Concen: 46.553 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Instrument :

BNA\_G

ClientSampleId :

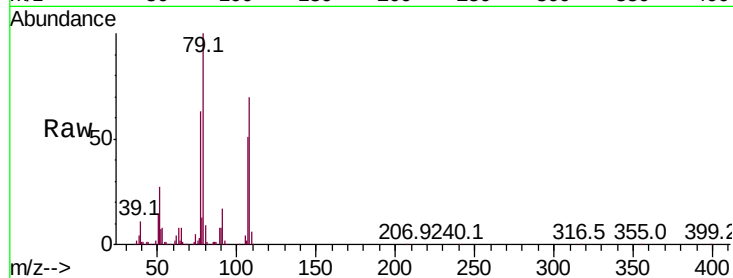
Tot Ion: 79 Resp: 351968

Ion Ratio Lower Upper

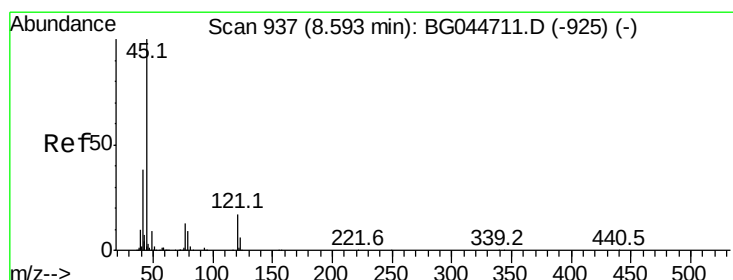
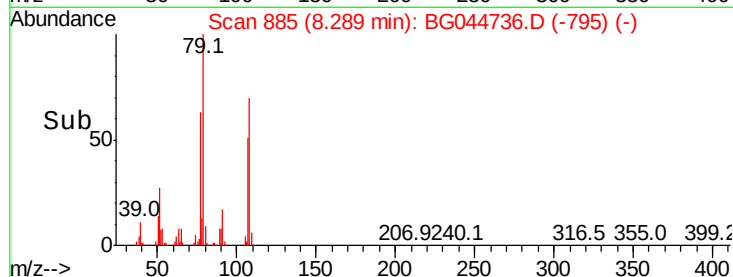
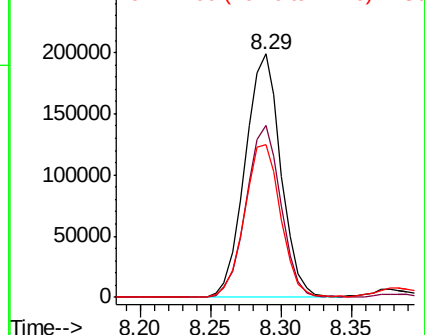
79 100

108 70.4 55.4 83.0

77 62.9 52.2 78.4



Abundance Ion 79.00 (78.70 to 79.70): BGC  
Ion 108.00 (107.70 to 108.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.800 ng

RT: 8.59 min Scan# 936

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

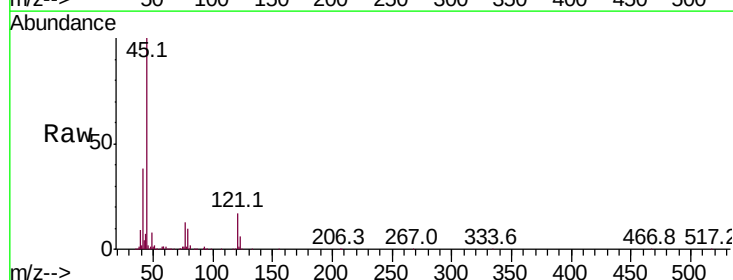
Tgt Ion: 45 Resp: 536088

Ion Ratio Lower Upper

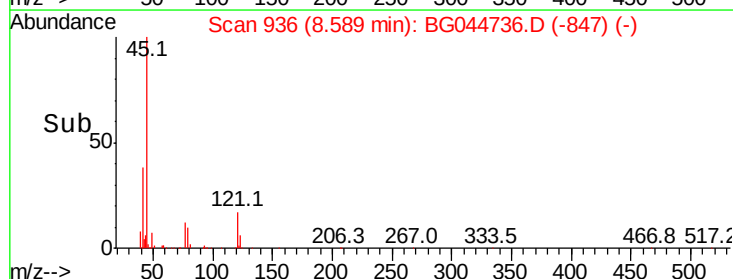
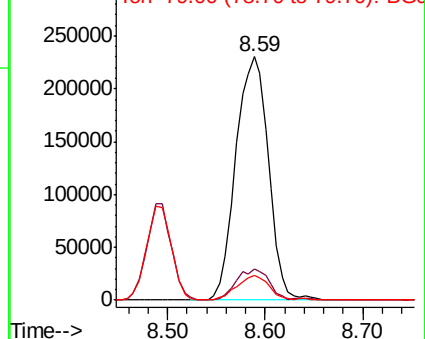
45 100

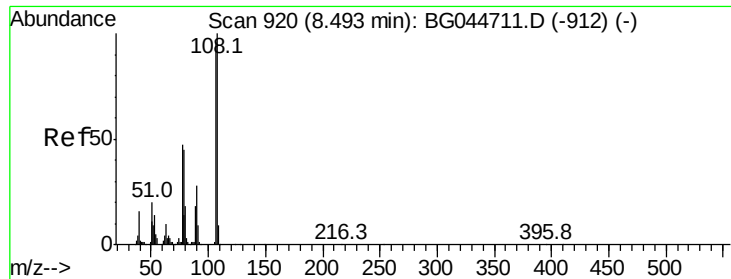
77 12.8 0.0 33.4

79 10.1 0.0 30.0



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





#17

2-Methylphenol

Concen: 47.933 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Instrument :

BNA\_G

ClientSampled :

Tot Ion:107 Resp: 302909

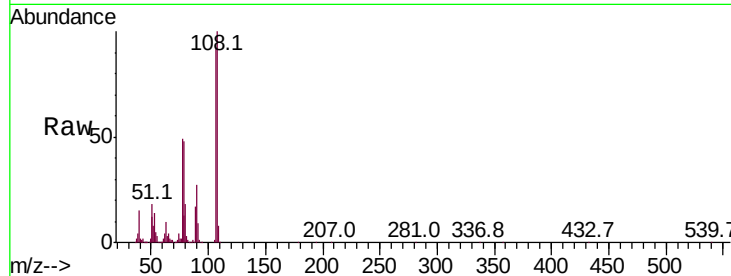
Ion Ratio Lower Upper

107 100

108 108.6 83.2 124.8

77 53.4 39.0 58.6

79 52.2 37.6 56.4

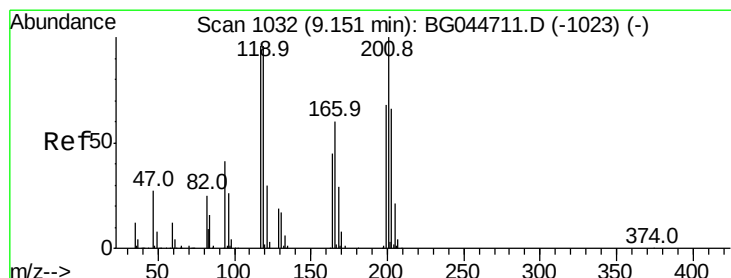
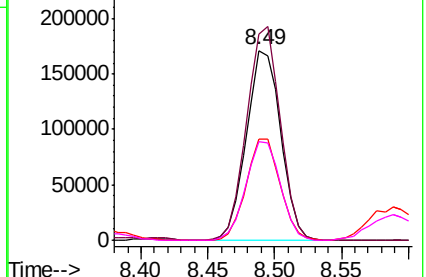
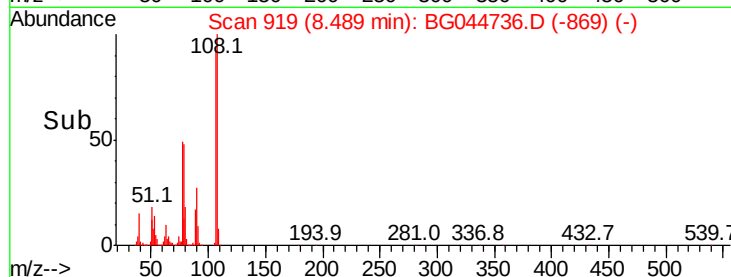


Abundance Ion 107.00 (106.70 to 107.70): E

300000 Ion 108.00 (107.70 to 108.70): E

250000 Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.299 ng

RT: 9.15 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

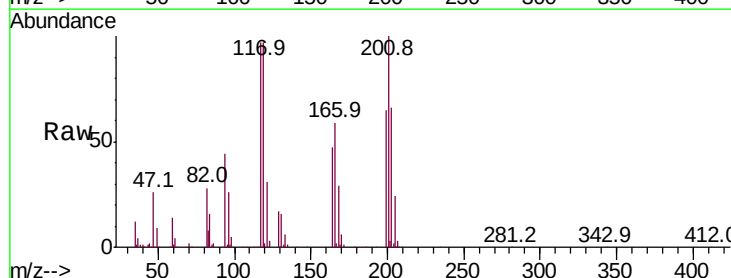
Tgt Ion:117 Resp: 125096

Ion Ratio Lower Upper

117 100

119 100.0 80.2 120.4

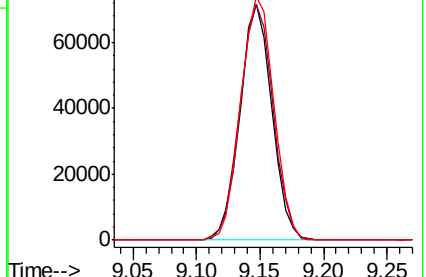
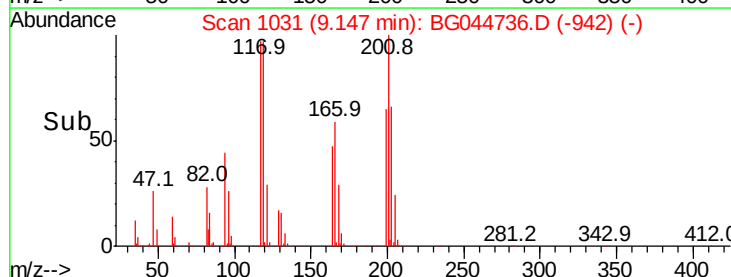
201 103.1 83.4 125.2

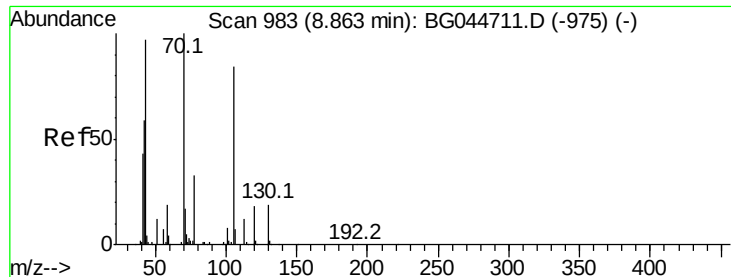


Abundance Ion 117.00 (116.70 to 117.70): E

100000 Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

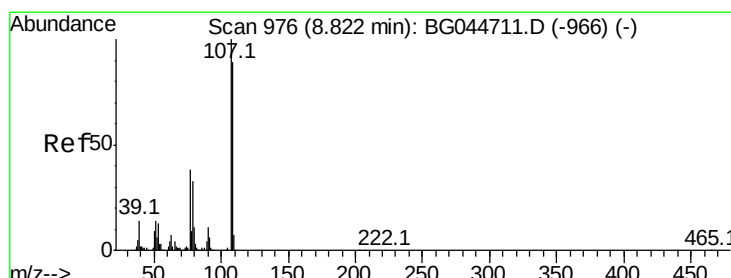
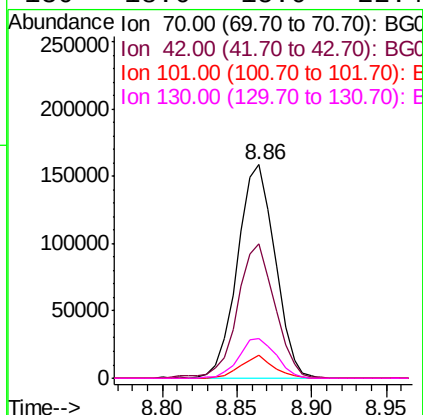
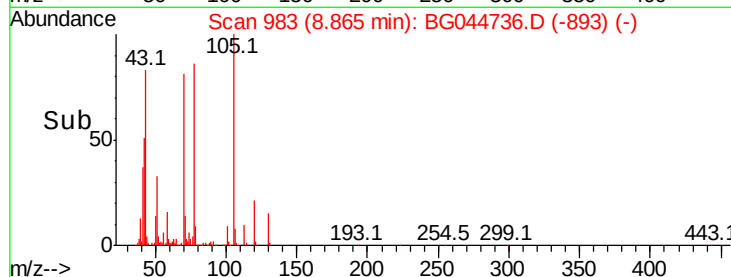
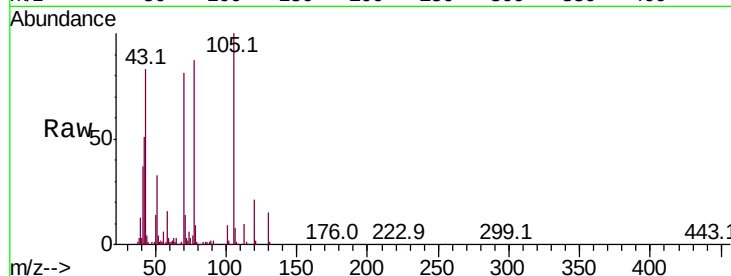




#19  
n-Nitroso-di-n-propylamine  
Concen: 41.561 ng  
RT: 8.86 min Scan# 983  
Delta R.T. 0.00 min  
Lab File: BG044736.D  
Acq: 12 Mar 2020 15:32

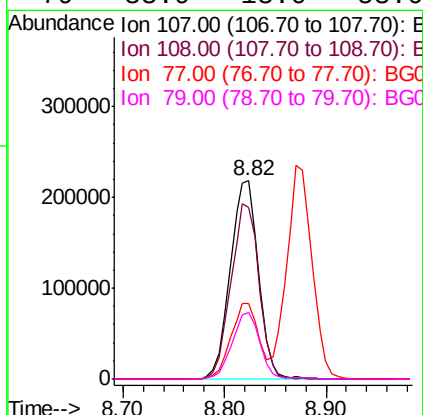
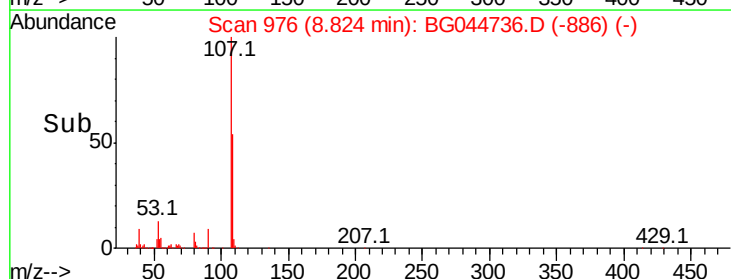
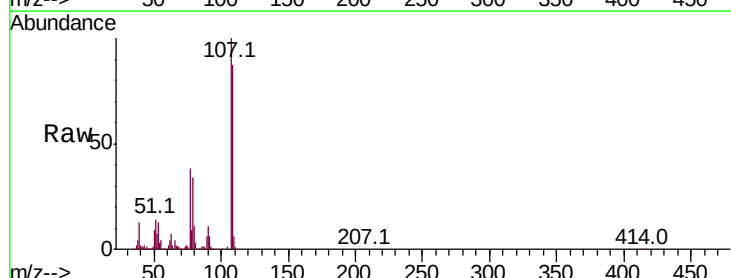
Instrument :  
BNA\_G  
ClientSampleId :

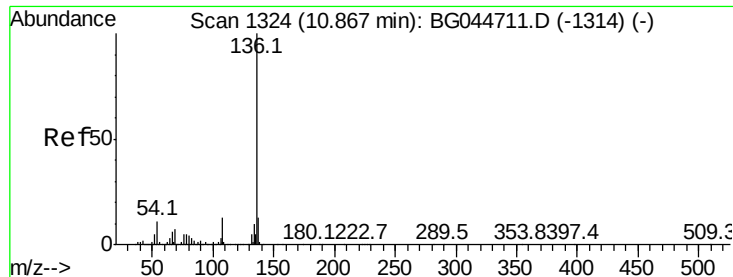
Tot Ion: 70 Resp: 276542  
Ion Ratio Lower Upper  
70 100  
42 62.7 47.6 71.4  
101 10.6 6.5 9.7#  
130 18.6 15.0 22.4



#20  
3+4-Methylphenols  
Concen: 48.192 ng  
RT: 8.82 min Scan# 976  
Delta R.T. 0.00 min  
Lab File: BG044736.D  
Acq: 12 Mar 2020 15:32

Tgt Ion: 107 Resp: 419819  
Ion Ratio Lower Upper  
107 100  
108 86.7 69.1 109.1  
77 38.1 17.7 57.7  
79 33.9 13.0 53.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:136 Resp: 427519

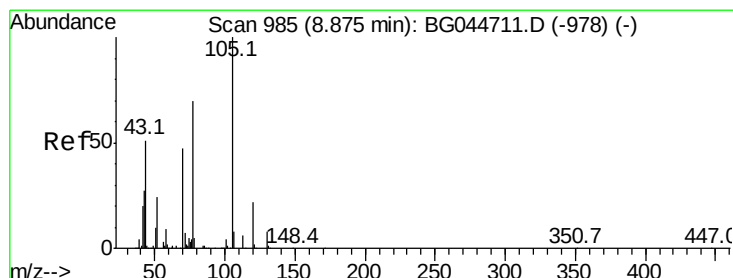
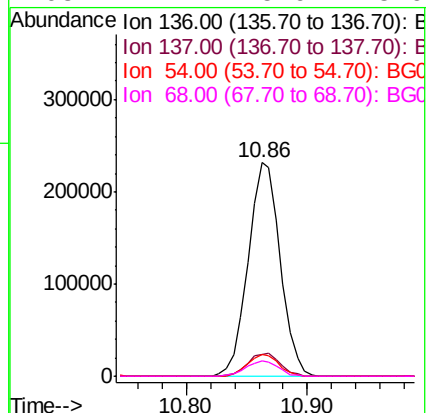
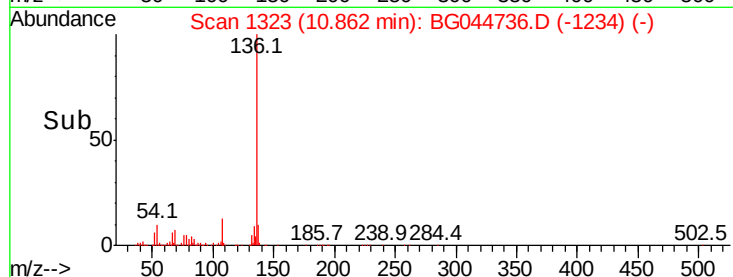
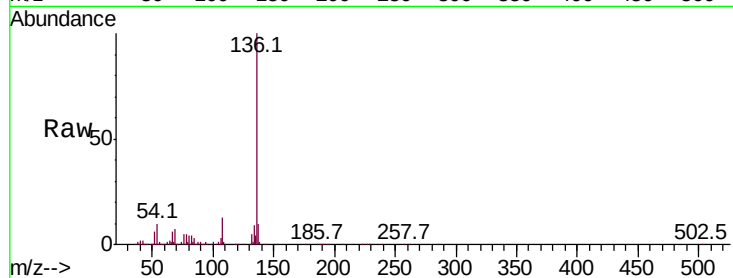
Ion Ratio Lower Upper

136 100

137 10.3 10.7 16.1#

54 10.2 9.0 13.4

68 7.4 5.9 8.9



#22

Acetophenone

Concen: 40.468 ng

RT: 8.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Tgt Ion:105 Resp: 490128

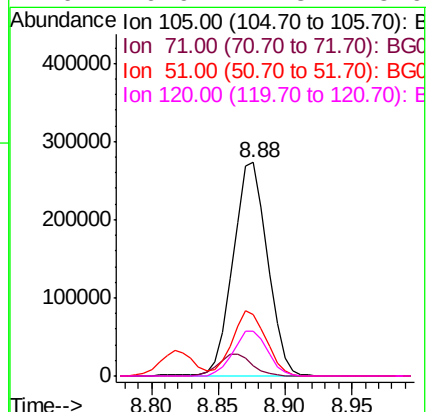
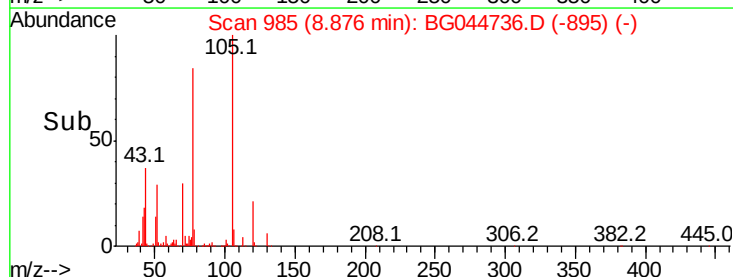
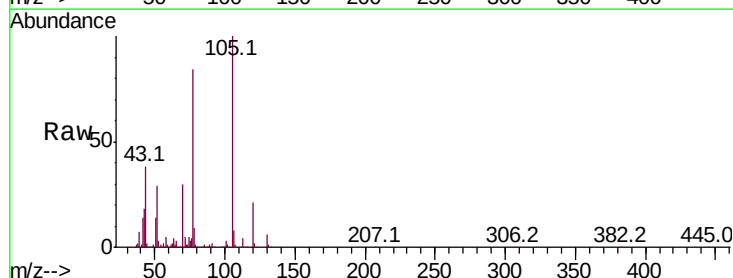
Ion Ratio Lower Upper

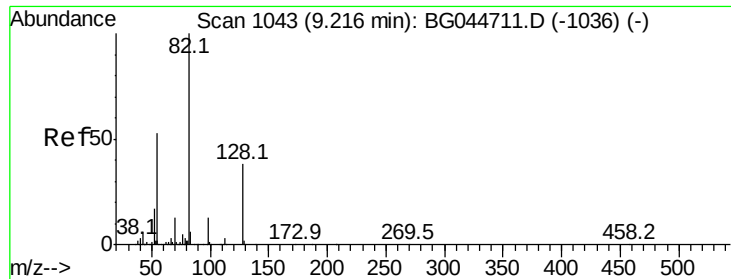
105 100

71 4.9 5.8 8.8#

51 28.7 23.8 35.8

120 20.9 17.3 25.9

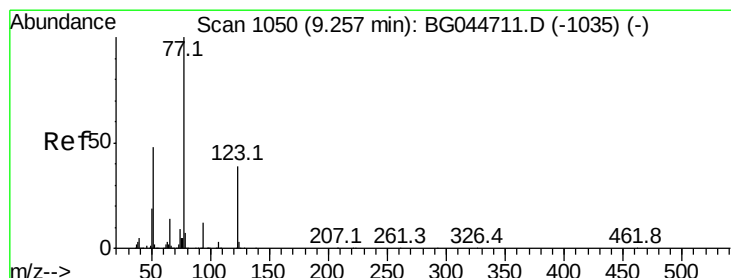
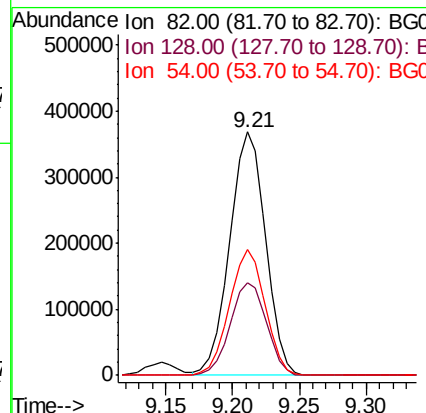
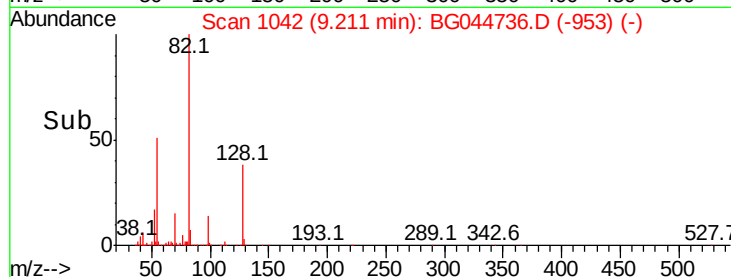
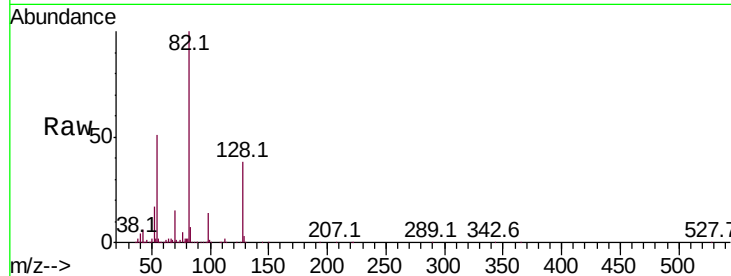




#23  
 Nitrobenzene-d5  
 Concen: 70.817 ng  
 RT: 9.21 min Scan# 1042  
 Delta R.T. -0.00 min  
 Lab File: BG044736.D  
 Acq: 12 Mar 2020 15:32

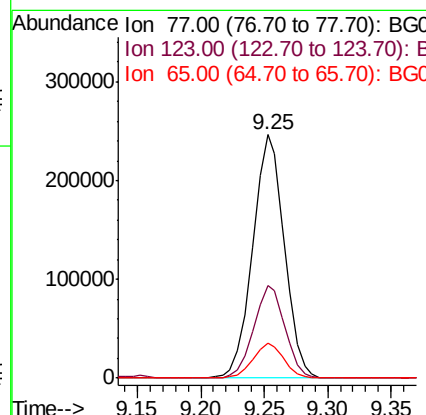
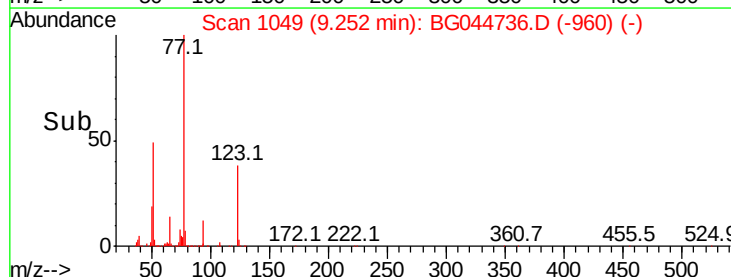
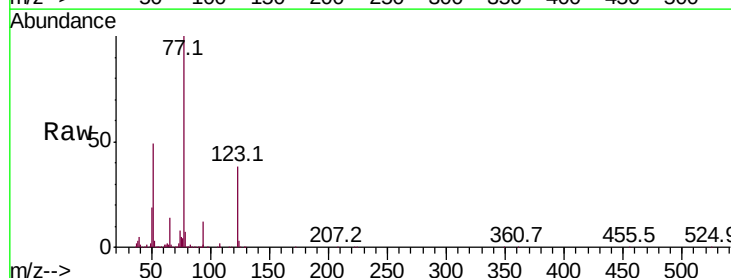
Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion   | 82   | Resp  | 689947 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 38.3 | 30.2  | 45.2   |
| 54        | 51.5 | 41.8  | 62.8   |

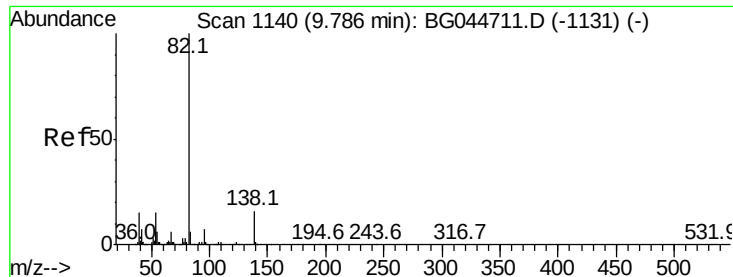


#24  
 Nitrobenzene  
 Concen: 42.087 ng  
 RT: 9.25 min Scan# 1049  
 Delta R.T. -0.00 min  
 Lab File: BG044736.D  
 Acq: 12 Mar 2020 15:32

| Tgt Ion   | 77   | Resp  | 425459 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 123       | 38.1 | 31.5  | 47.3   |
| 65        | 14.2 | 11.0  | 16.4   |







#25

Isophorone

Concen: 41.509 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Instrument :

BNA\_G

ClientSampled :

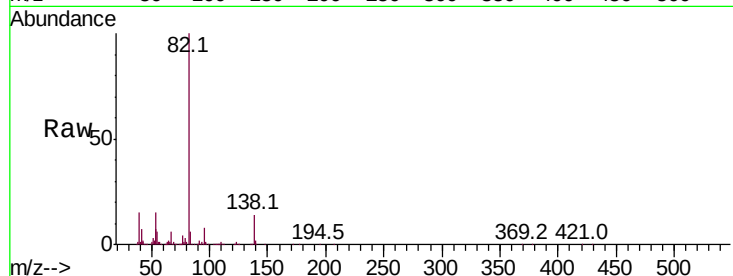
Tot Ion: 82 Resp: 789275

Ion Ratio Lower Upper

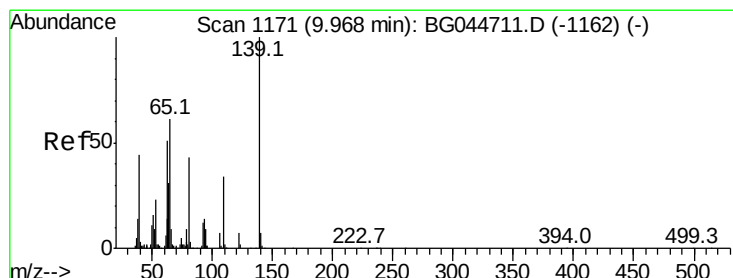
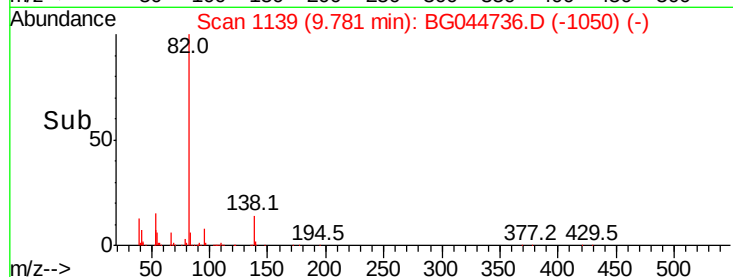
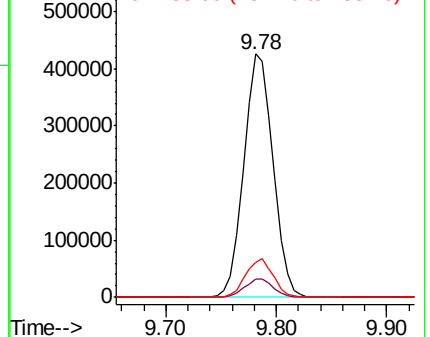
82 100

95 7.7 5.6 8.4

138 14.4 13.0 19.4



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: 46.754 ng

RT: 9.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

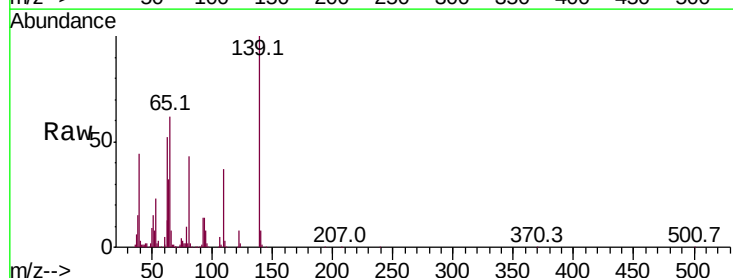
Tgt Ion: 139 Resp: 163516

Ion Ratio Lower Upper

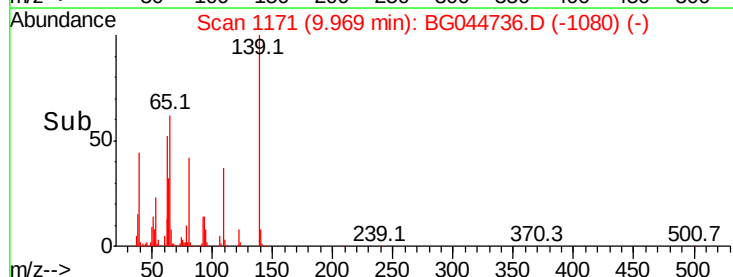
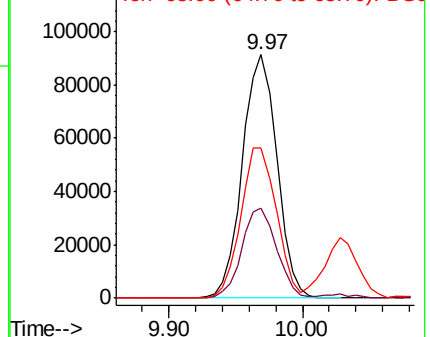
139 100

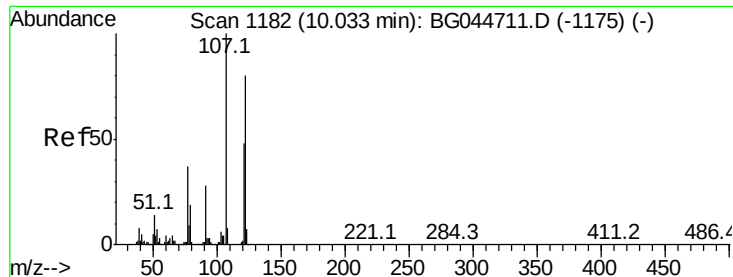
109 37.1 27.0 40.4

65 61.9 48.6 73.0



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: 50.510 ng

RT: 10.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Instrument :

BNA\_G

ClientSampleId :

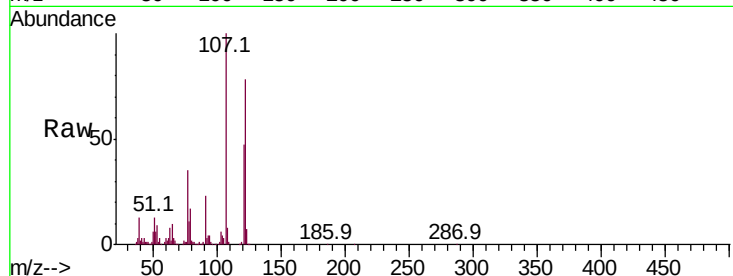
Tot Ion:122 Resp: 312768

Ion Ratio Lower Upper

122 100

107 128.4 99.0 148.6

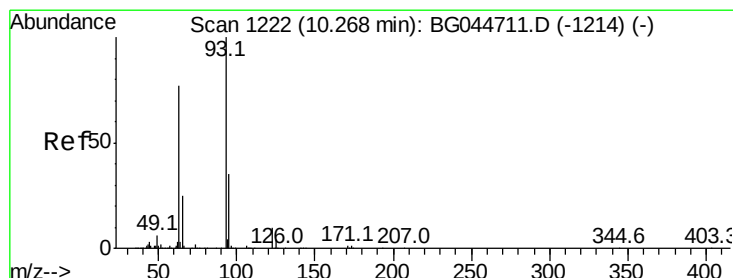
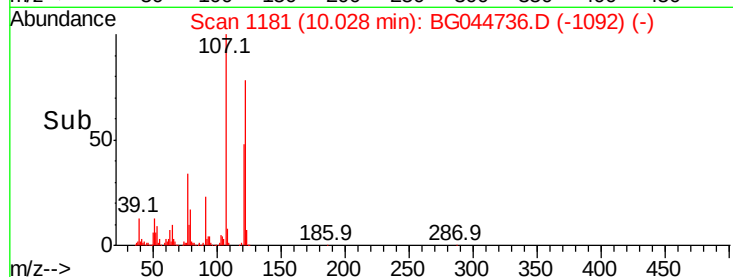
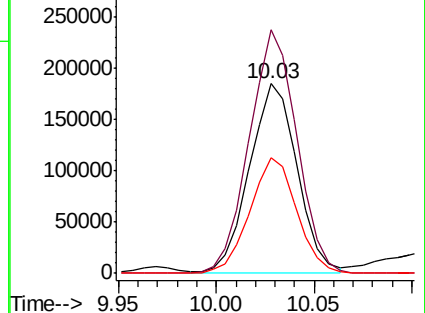
121 61.0 47.6 71.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.391 ng

RT: 10.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

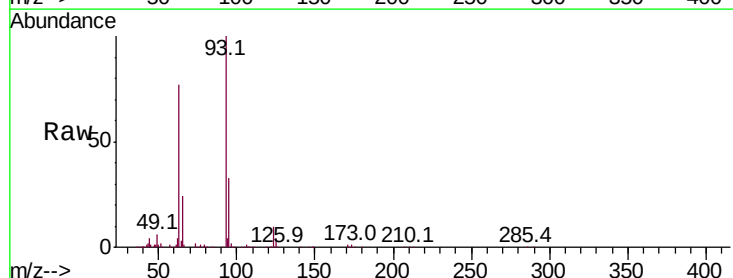
Tgt Ion: 93 Resp: 446990

Ion Ratio Lower Upper

93 100

95 33.0 27.7 41.5

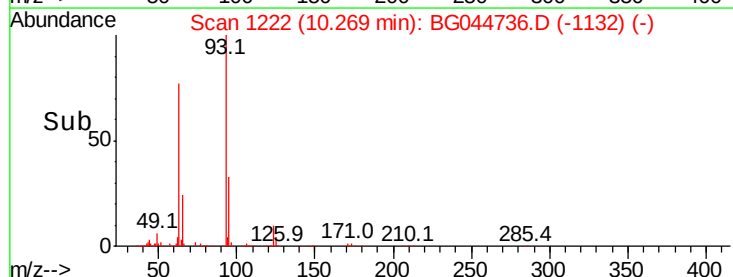
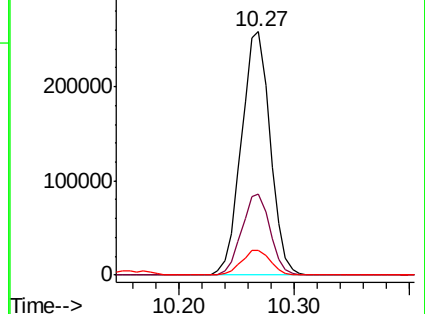
123 10.2 8.1 12.1

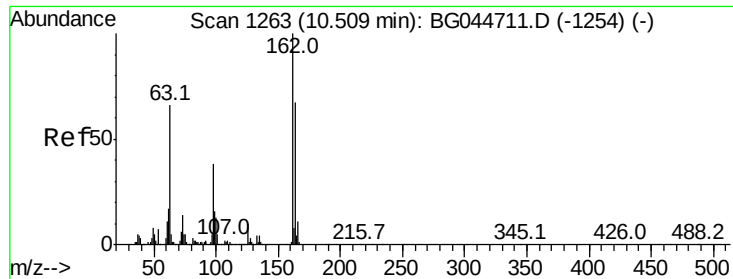


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

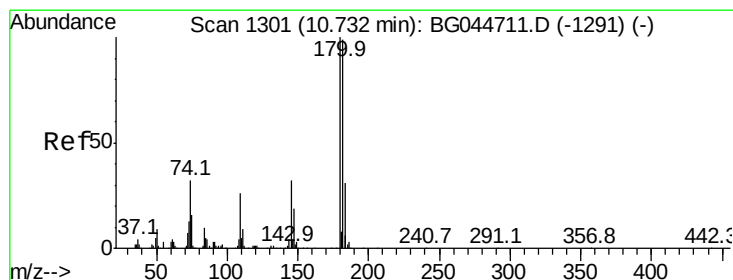
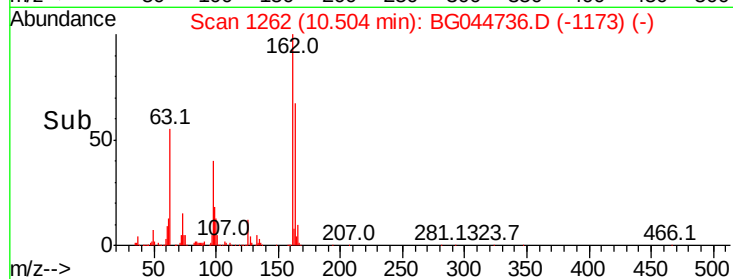
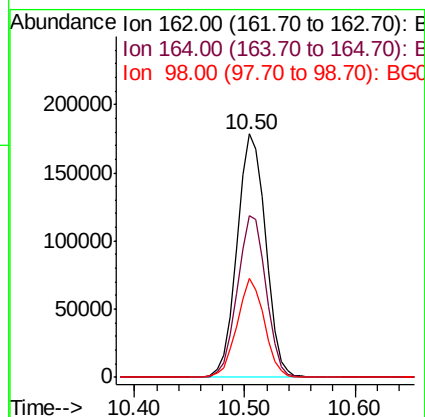
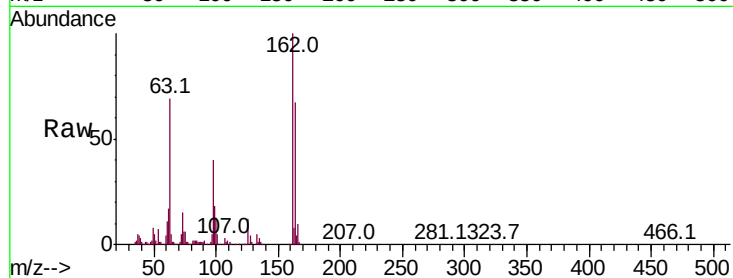




#29  
2,4-Dichlorophenol  
Concen: 45.000 ng  
RT: 10.50 min Scan# 1262  
Delta R.T. -0.00 min  
Lab File: BG044736.D  
Acq: 12 Mar 2020 15:32

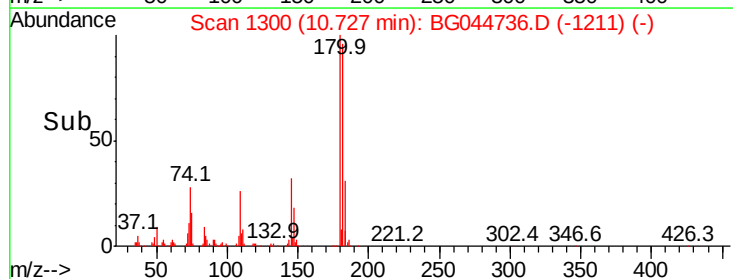
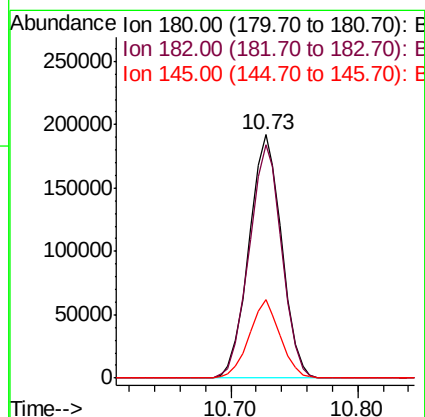
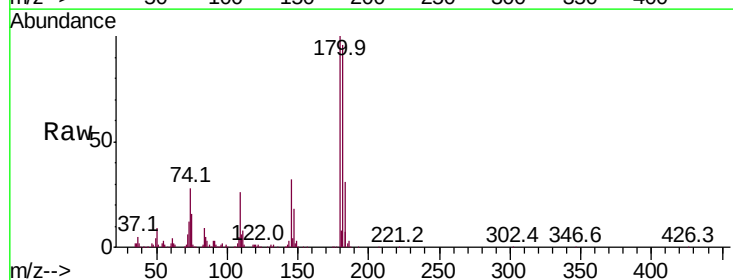
Instrument :  
BNA\_G  
ClientSampled :

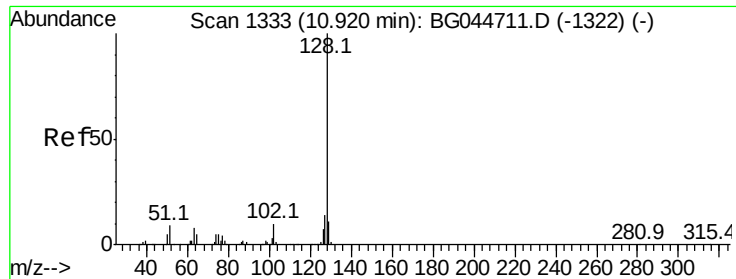
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.5  | 46.5  | 86.5  |
| 98      | 40.4  | 18.1  | 58.1  |



#30  
1,2,4-Trichlorobenzene  
Concen: 39.723 ng  
RT: 10.73 min Scan# 1300  
Delta R.T. -0.00 min  
Lab File: BG044736.D  
Acq: 12 Mar 2020 15:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.7  | 78.8  | 118.2 |
| 145     | 32.2  | 25.4  | 38.0  |

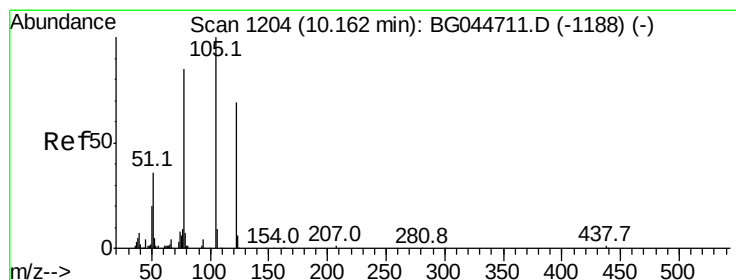
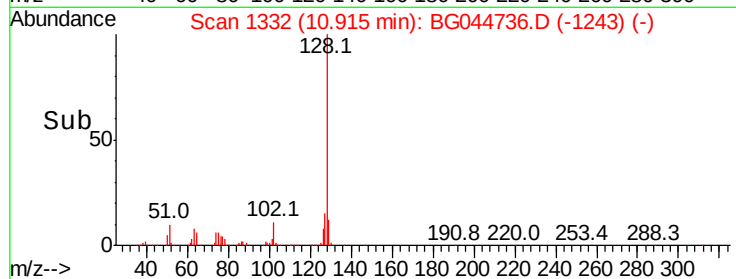
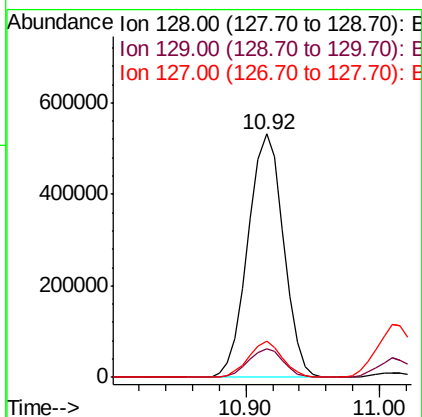
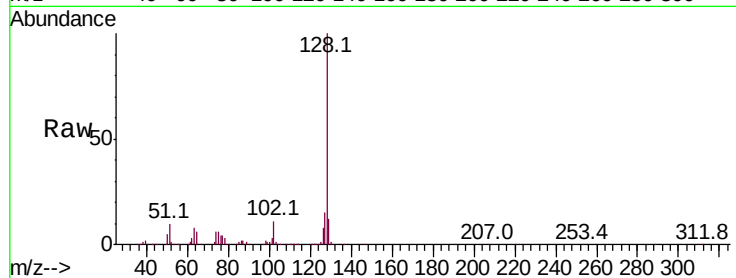




#31  
Naphthalene  
Concen: 41.196 ng  
RT: 10.92 min Scan# 1332  
Delta R.T. -0.00 min  
Lab File: BG044736.D  
Acq: 12 Mar 2020 15:32

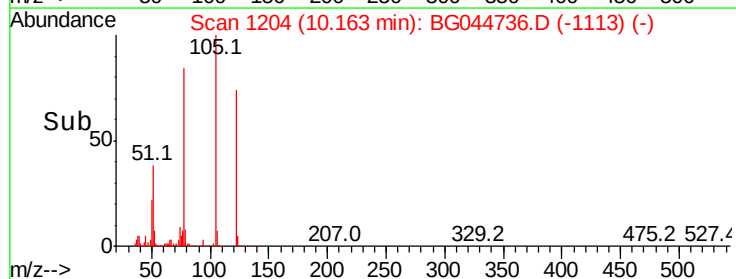
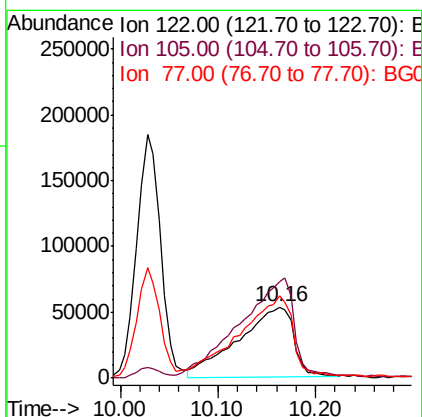
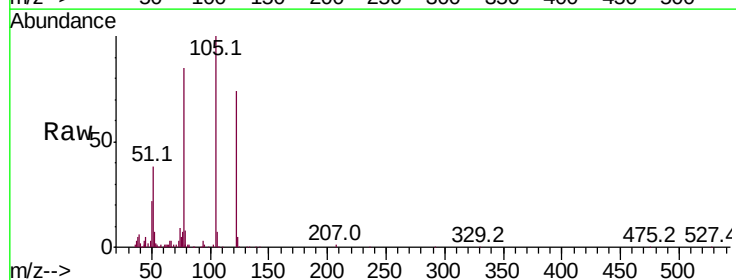
Instrument :  
BNA\_G  
ClientSampleId :

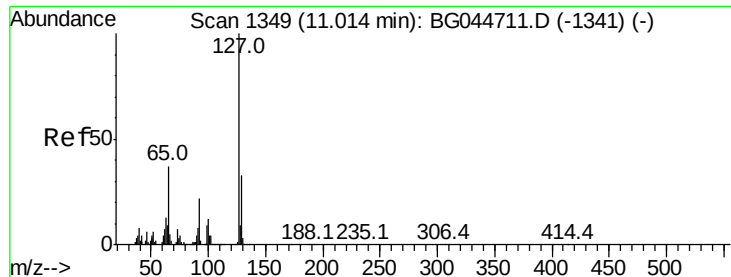
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.8  | 9.0   | 13.4  |
| 127     | 14.8  | 11.0  | 16.6  |



#32  
Benzoic acid  
Concen: 44.552 ng  
RT: 10.16 min Scan# 1204  
Delta R.T. 0.00 min  
Lab File: BG044736.D  
Acq: 12 Mar 2020 15:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 135.9 | 119.0 | 159.0 |
| 77      | 115.3 | 96.4  | 136.4 |

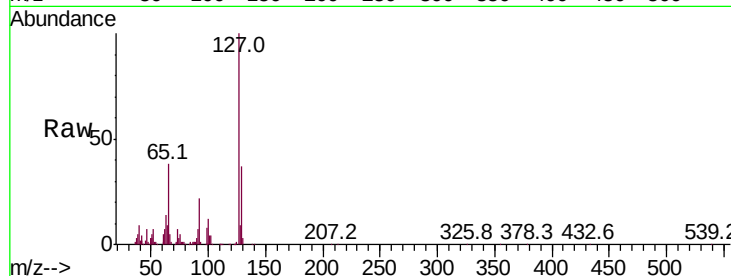




#33  
4-Chloroaniline  
Concen: 20.566 ng  
RT: 11.01 min Scan# 1348  
Delta R.T. -0.00 min  
Lab File: BG044736.D  
Acq: 12 Mar 2020 15:32

Instrument :  
BNA\_G  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 36.7  | 26.2  | 39.4  |
| 65      | 37.6  | 29.6  | 44.4  |
| 92      | 21.8  | 17.4  | 26.0  |



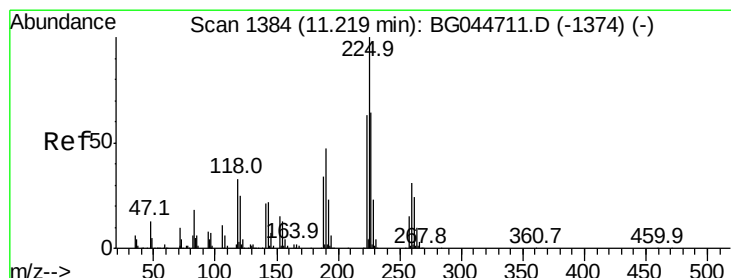
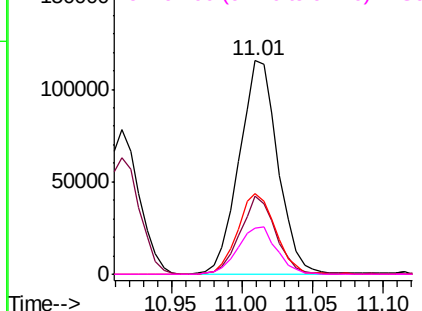
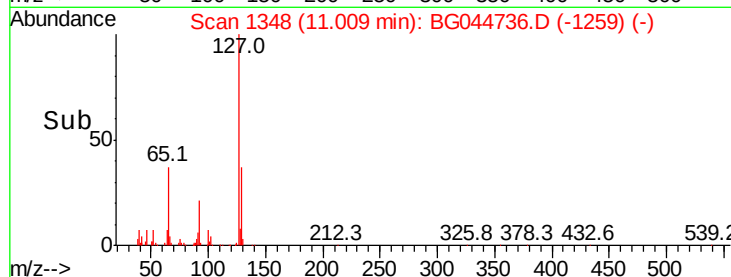
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

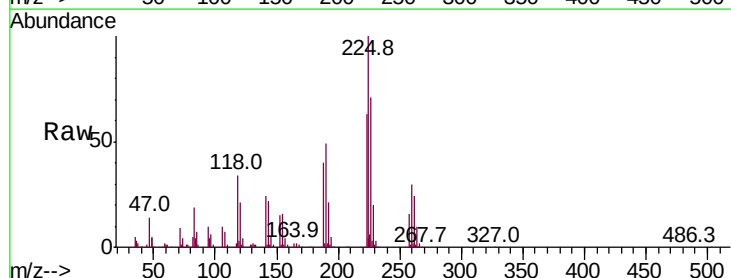
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34  
Hexachlorobutadiene  
Concen: 39.113 ng  
RT: 11.21 min Scan# 1383  
Delta R.T. -0.00 min  
Lab File: BG044736.D  
Acq: 12 Mar 2020 15:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.7  | 50.6  | 76.0  |
| 227     | 71.1  | 51.6  | 77.4  |

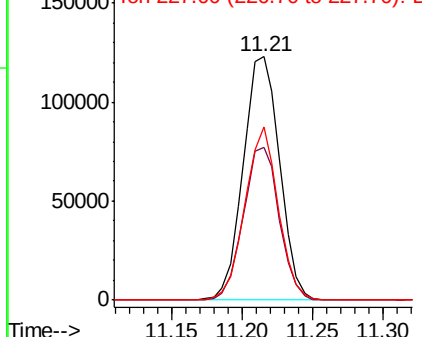
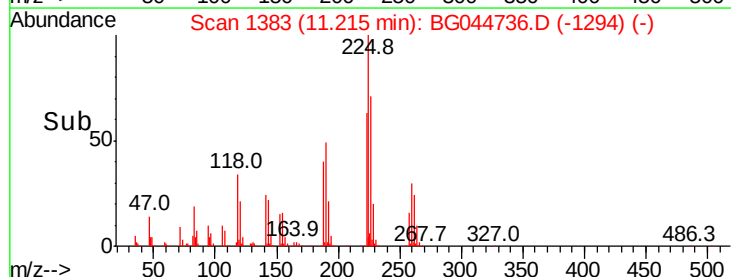


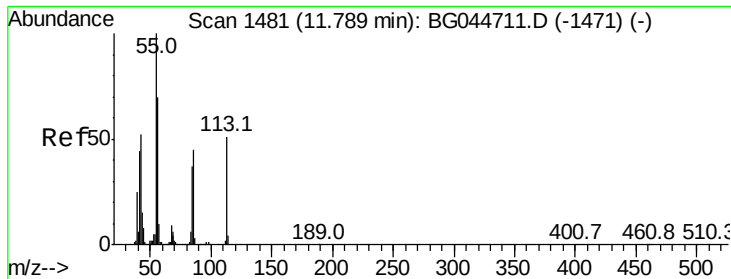
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

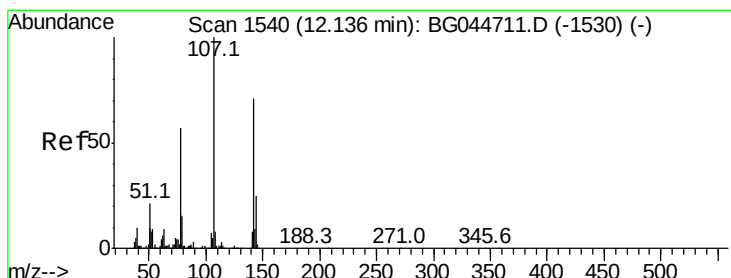
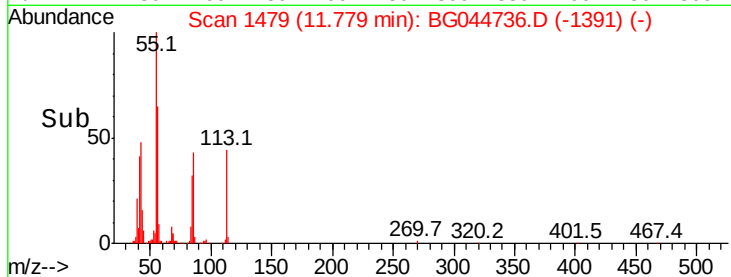
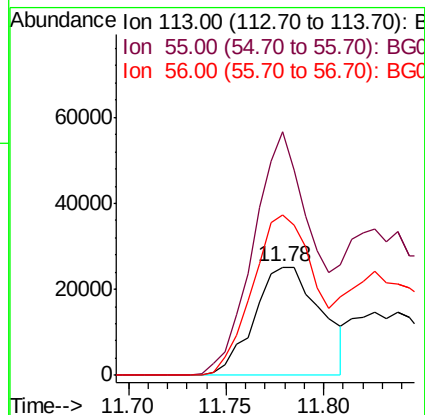
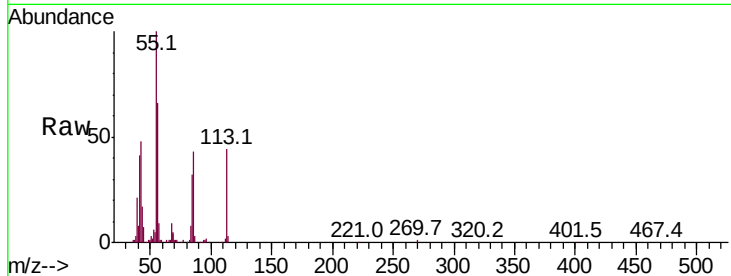




#35  
 Caprolactam  
 Concen: 21.840 ng  
 RT: 11.78 min Scan# 1479  
 Delta R.T. -0.01 min  
 Lab File: BG044736.D  
 Acq: 12 Mar 2020 15:32

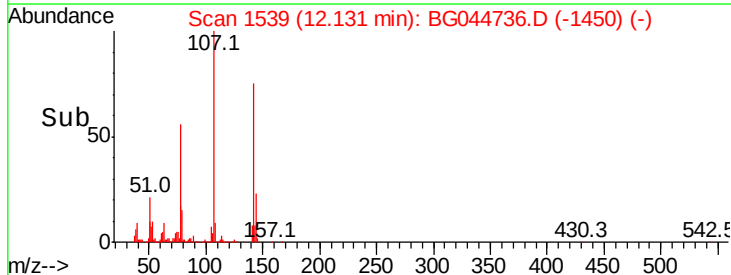
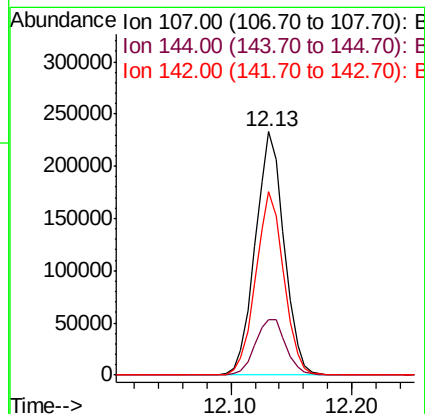
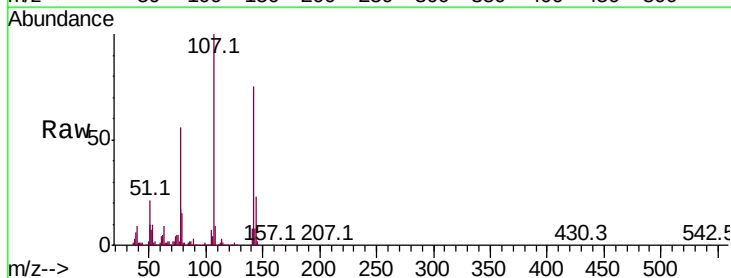
Instrument :  
 BNA\_G  
 ClientSampleId :

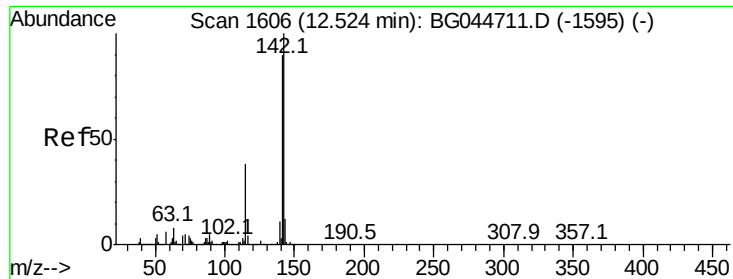
Tot Ion:113 Resp: 59806  
 Ion Ratio Lower Upper  
 113 100  
 55 225.3 178.4 218.4#  
 56 147.9 117.7 157.7



#36  
 4-Chloro-3-methylphenol  
 Concen: 44.696 ng  
 RT: 12.13 min Scan# 1539  
 Delta R.T. -0.00 min  
 Lab File: BG044736.D  
 Acq: 12 Mar 2020 15:32

Tgt Ion:107 Resp: 385542  
 Ion Ratio Lower Upper  
 107 100  
 144 22.9 19.6 29.4  
 142 75.4 56.5 84.7

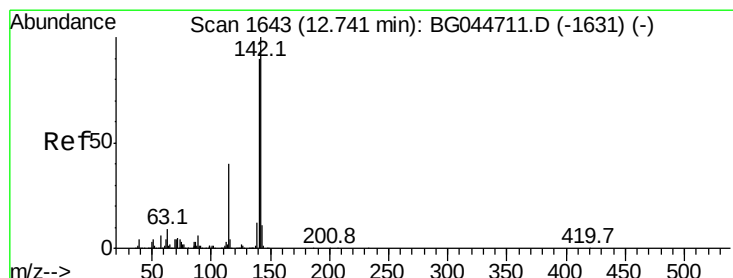
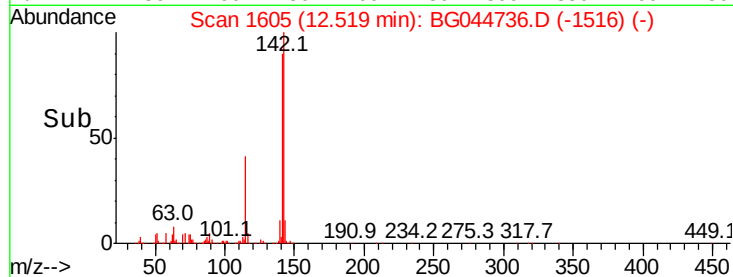
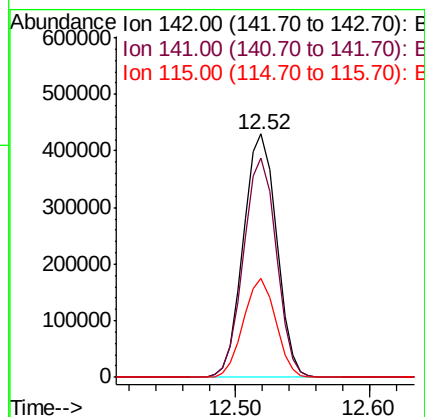
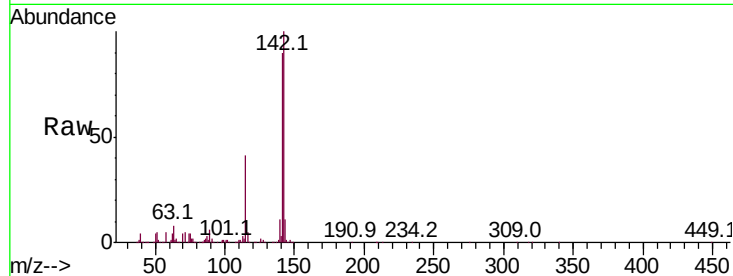




#37  
2-Methylnaphthalene  
Concen: 41.799 ng  
RT: 12.52 min Scan# 1605  
Delta R.T. -0.00 min  
Lab File: BG044736.D  
Acq: 12 Mar 2020 15:32

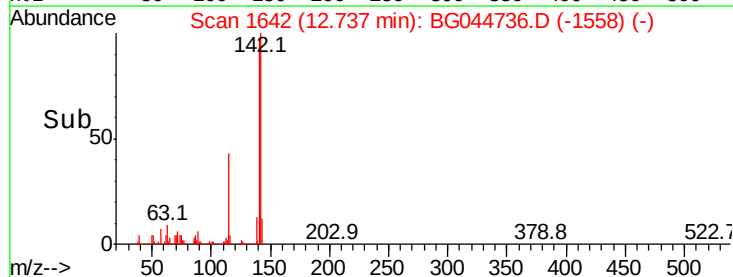
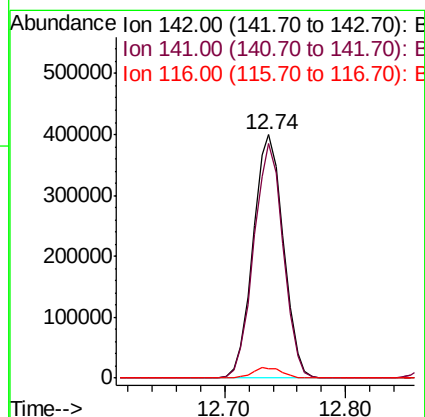
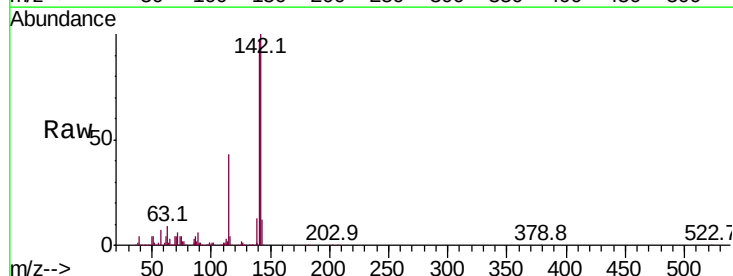
Instrument :  
BNA\_G  
ClientSampleId :

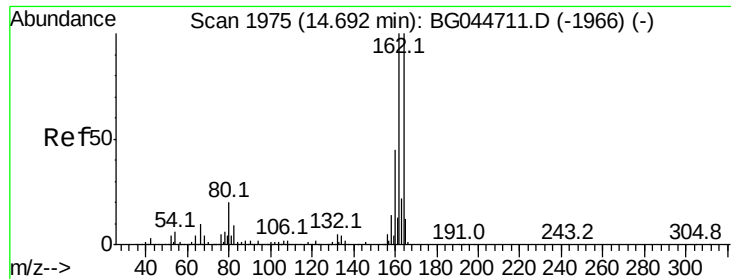
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.1  | 72.3  | 108.5 |
| 115     | 40.8  | 30.6  | 45.8  |



#38  
1-Methylnaphthalene  
Concen: 41.774 ng  
RT: 12.74 min Scan# 1642  
Delta R.T. -0.00 min  
Lab File: BG044736.D  
Acq: 12 Mar 2020 15:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 96.6  | 72.2  | 108.2 |
| 116     | 4.1   | 3.5   | 5.3   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Instrument :

BNA\_G

ClientSampled :

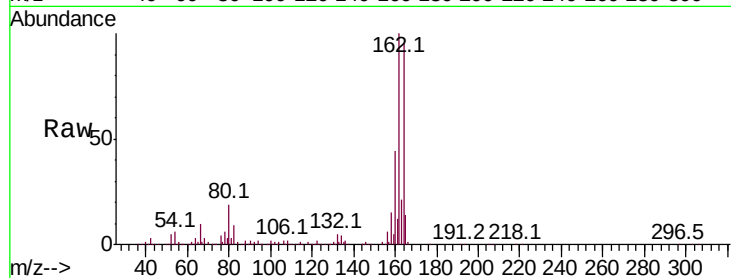
Tot Ion:164 Resp: 290245

Ion Ratio Lower Upper

164 100

162 105.2 80.2 120.4

160 46.3 36.2 54.2

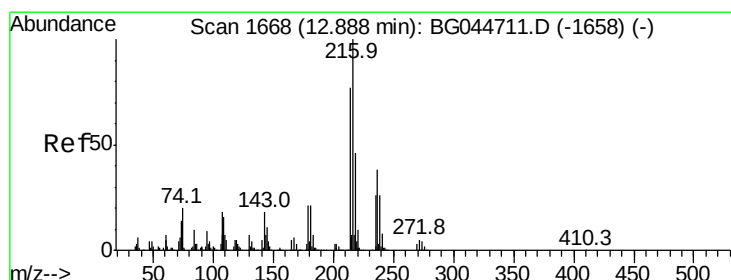
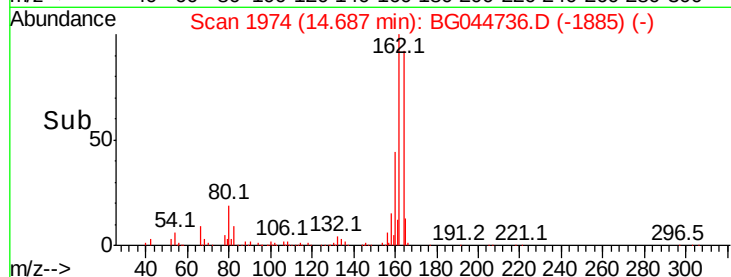
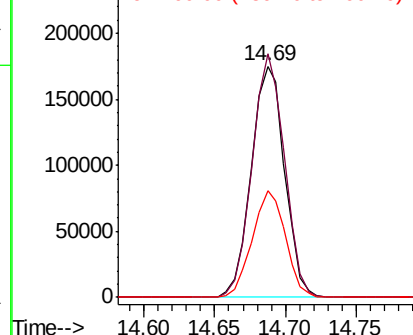


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.694 ng

RT: 12.89 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Tgt Ion:216 Resp: 369860

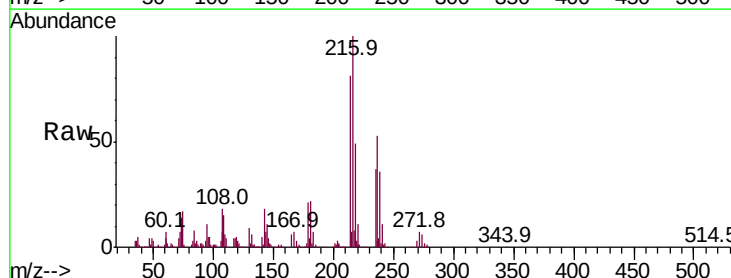
Ion Ratio Lower Upper

216 100

214 82.2 63.0 94.4

179 20.7 16.6 24.8

108 21.2 15.6 23.4



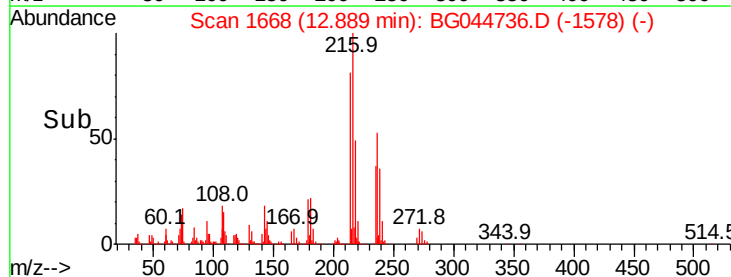
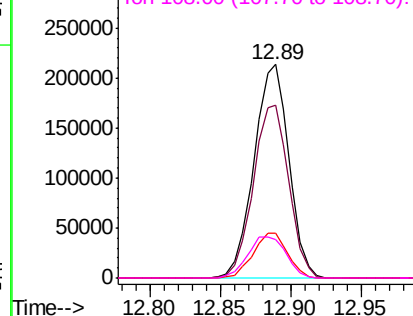
Abundance

Ion 216.00 (215.70 to 216.70): E

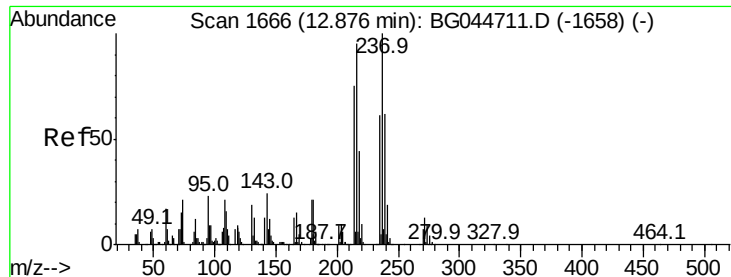
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 82.487 ng

RT: 12.88 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

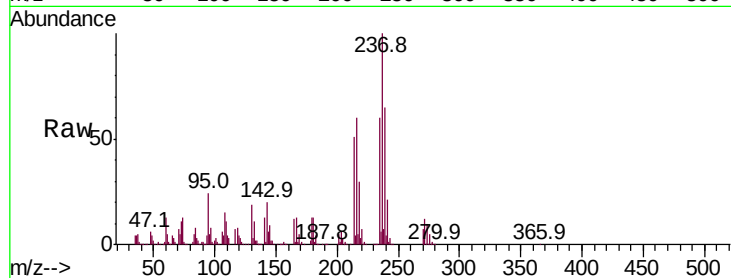
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:237 Resp: 430899

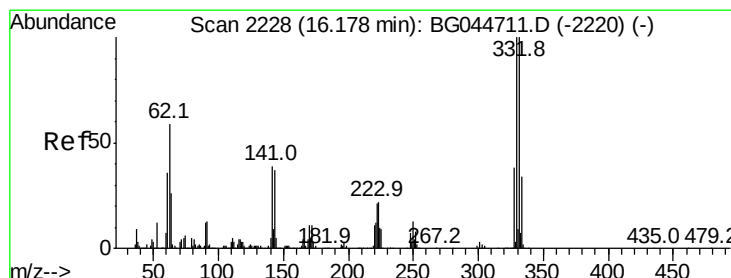
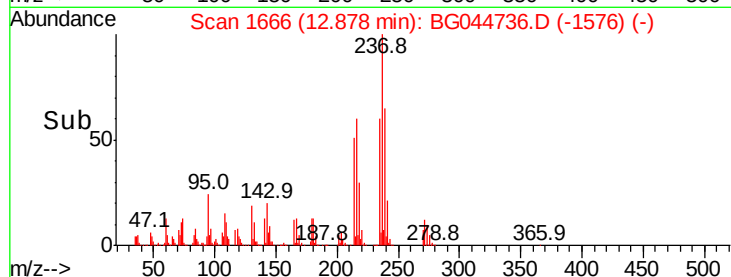
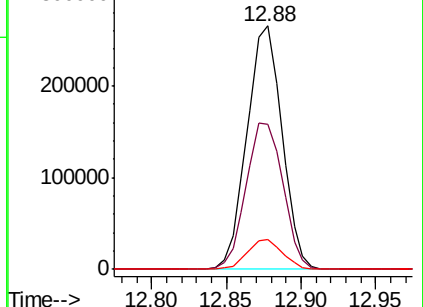
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 237 | 100   |       |       |
| 235 | 59.6  | 40.6  | 80.6  |
| 272 | 12.4  | 0.0   | 32.5  |



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: 122.510 ng

RT: 16.17 min Scan# 2227

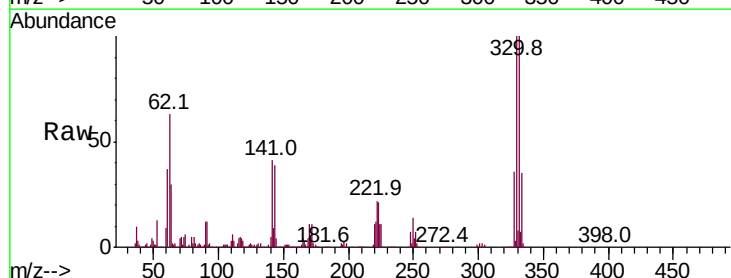
Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Tgt Ion:330 Resp: 465578

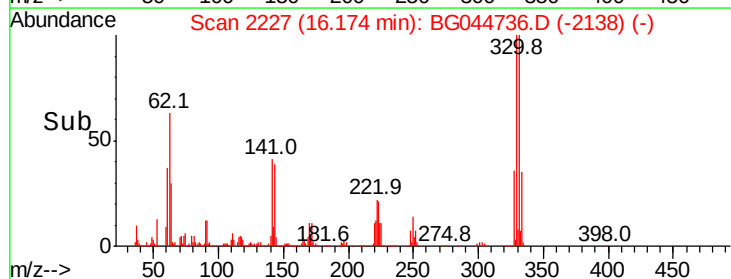
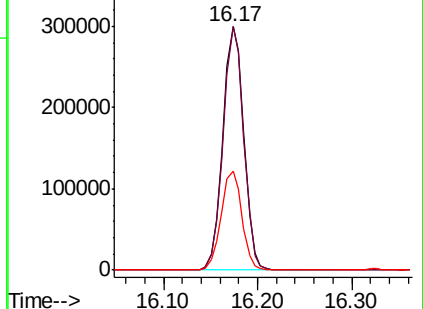
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 98.0  | 77.5  | 116.3 |
| 141 | 40.5  | 31.7  | 47.5  |

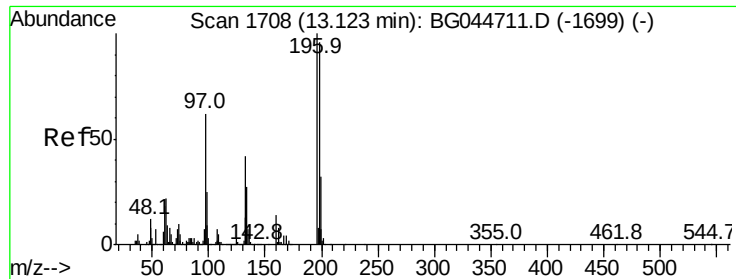


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

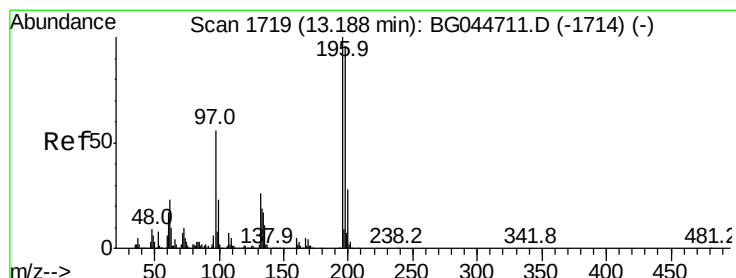
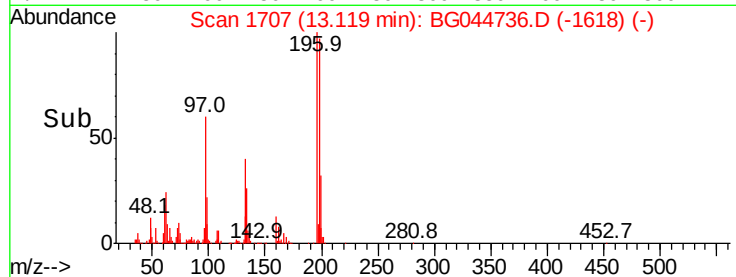
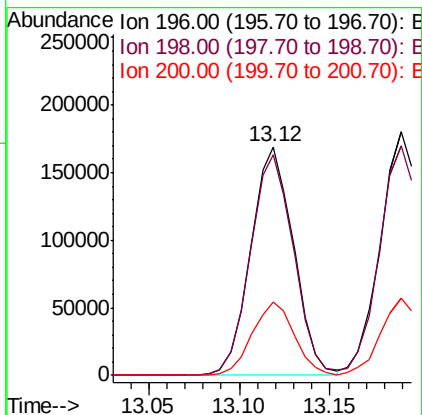
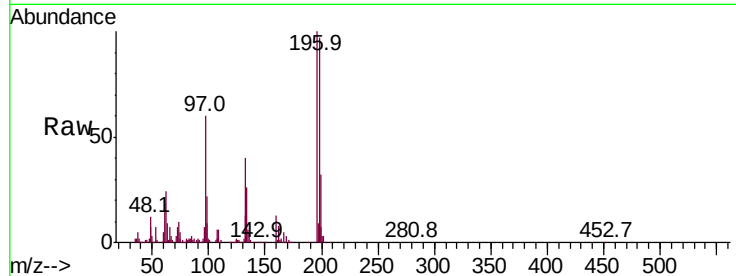




#43  
 2,4,6-Trichlorophenol  
 Concen: 43.560 ng  
 RT: 13.12 min Scan# 1707  
 Delta R.T. -0.00 min  
 Lab File: BG044736.D  
 Acq: 12 Mar 2020 15:32

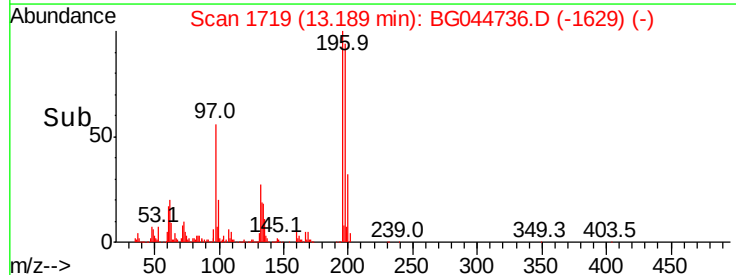
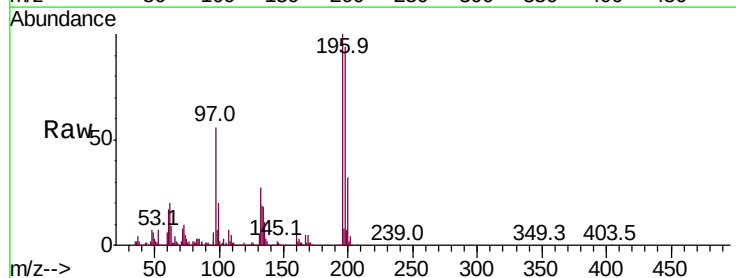
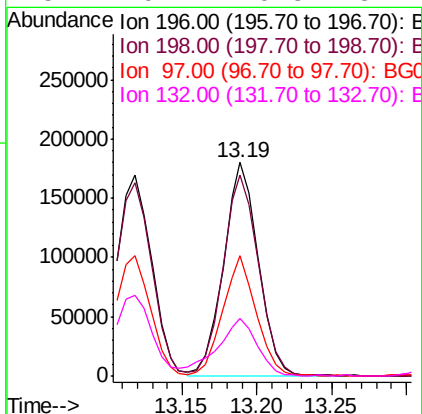
Instrument :  
 BNA\_G  
 ClientSampled :

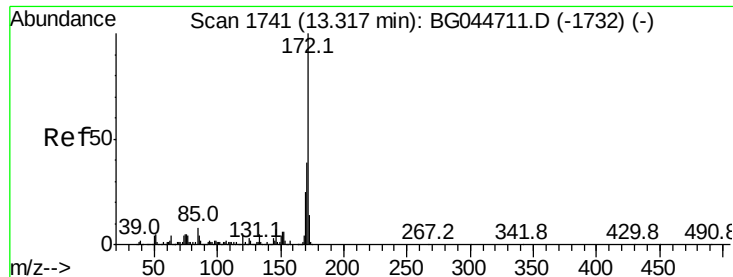
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.6  | 76.5  | 114.7 |
| 200     | 32.0  | 25.9  | 38.9  |



#44  
 2,4,5-Trichlorophenol  
 Concen: 44.408 ng  
 RT: 13.19 min Scan# 1719  
 Delta R.T. 0.00 min  
 Lab File: BG044736.D  
 Acq: 12 Mar 2020 15:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.0  | 77.3  | 115.9 |
| 97      | 56.4  | 44.9  | 67.3  |
| 132     | 26.7  | 20.8  | 31.2  |

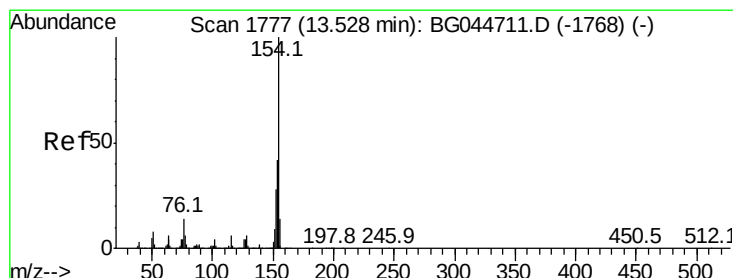
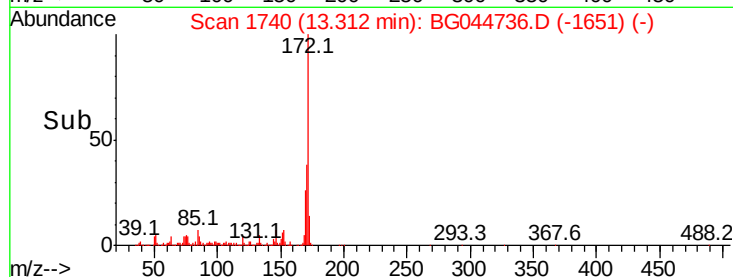
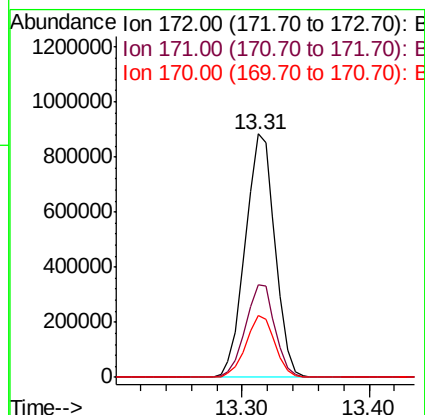
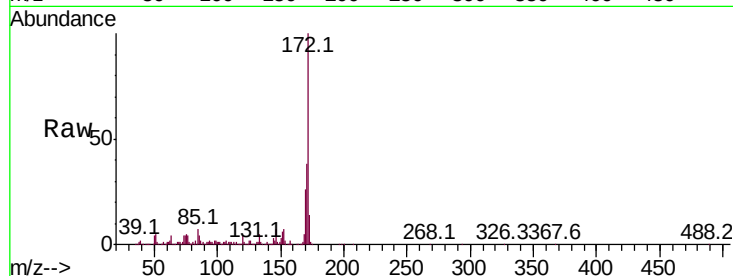




#45  
2-Fluorobiphenyl  
Concen: 70.681 ng  
RT: 13.31 min Scan# 1740  
Delta R.T. -0.00 min  
Lab File: BG044736.D  
Acq: 12 Mar 2020 15:32

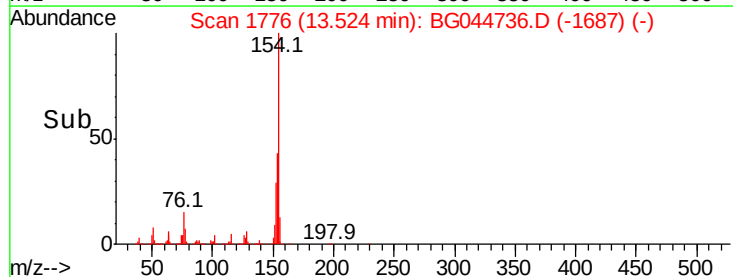
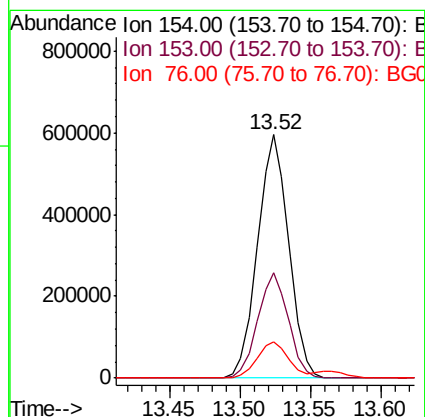
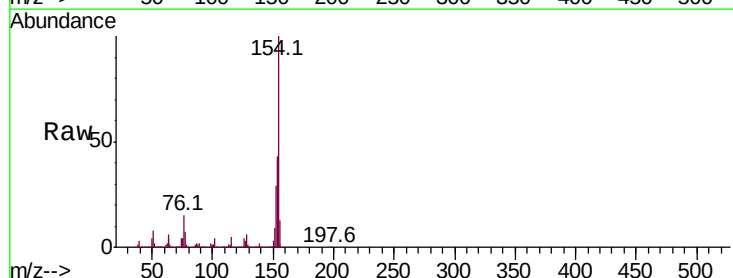
Instrument :  
BNA\_G  
ClientSampleId :

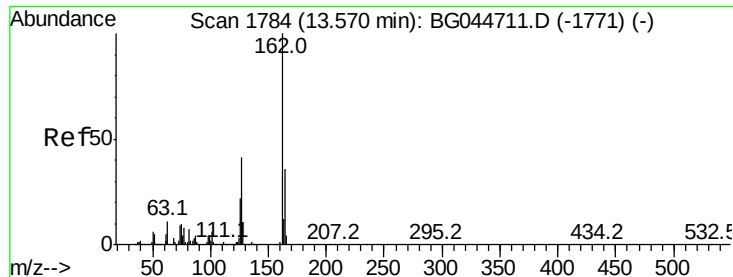
Tot Ion:172 Resp: 1432555  
Ion Ratio Lower Upper  
172 100  
171 38.1 30.8 46.2  
170 25.6 20.0 30.0



#46  
1,1'-Biphenyl  
Concen: 39.702 ng  
RT: 13.52 min Scan# 1776  
Delta R.T. -0.00 min  
Lab File: BG044736.D  
Acq: 12 Mar 2020 15:32

Tgt Ion:154 Resp: 920844  
Ion Ratio Lower Upper  
154 100  
153 43.2 22.0 62.0  
76 14.7 0.0 34.2

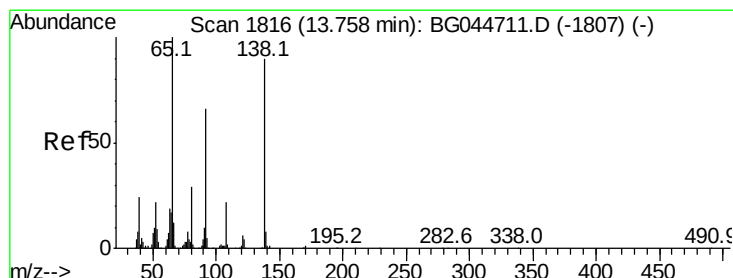
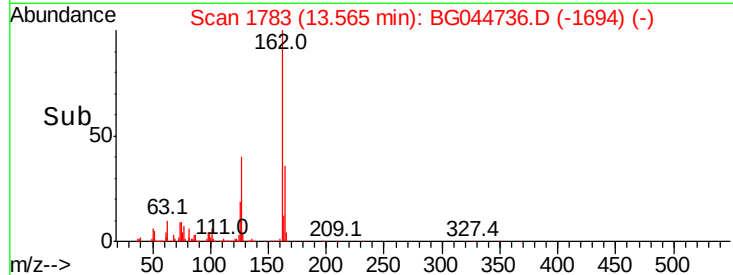
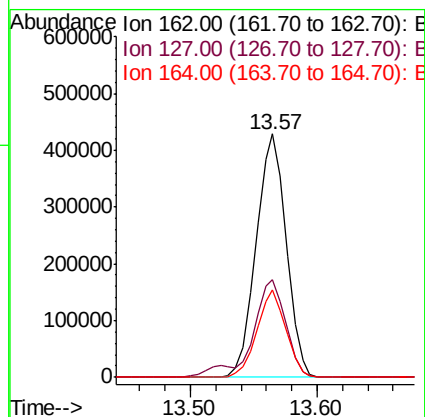
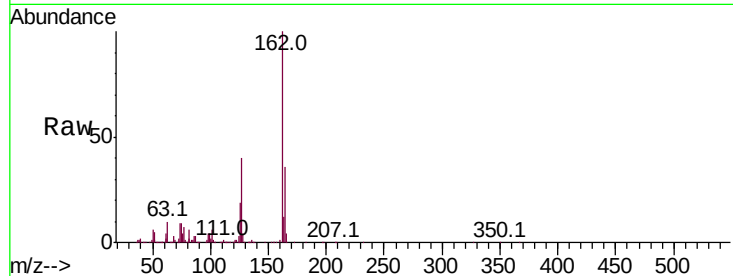




#47  
 2-Chloronaphthalene  
 Concen: 39.986 ng  
 RT: 13.57 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: BG044736.D  
 Acq: 12 Mar 2020 15:32

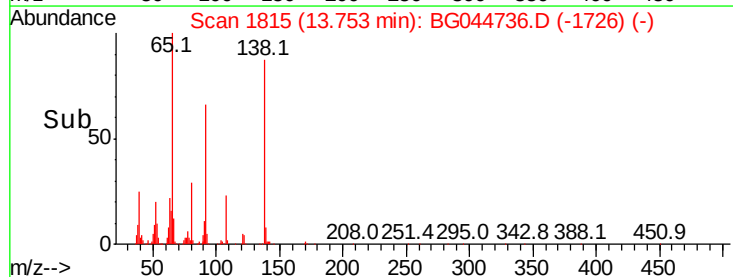
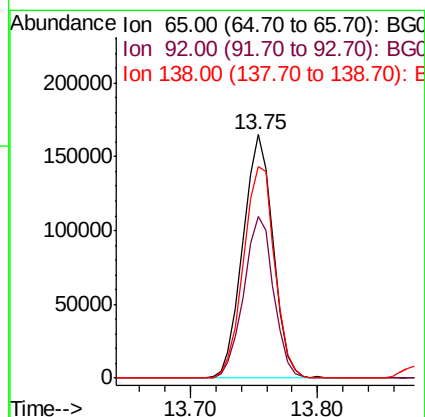
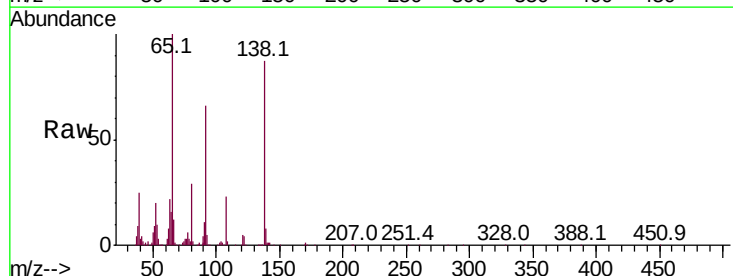
Instrument :  
 BNA\_G  
 ClientSampled :

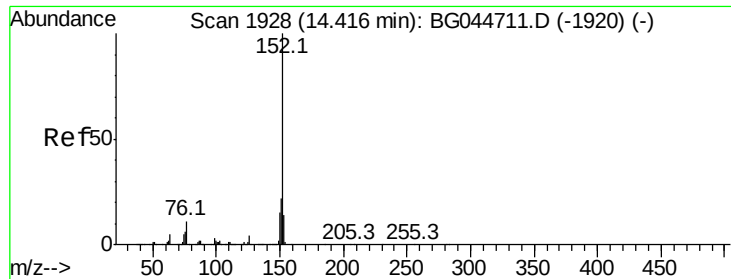
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 162   | Resp: | 708480 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 127      | 39.9  | 32.6  | 48.8   |
| 164      | 35.8  | 29.0  | 43.4   |



#48  
 2-Nitroaniline  
 Concen: 44.135 ng  
 RT: 13.75 min Scan# 1815  
 Delta R.T. -0.00 min  
 Lab File: BG044736.D  
 Acq: 12 Mar 2020 15:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 273775 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 92       | 66.2  | 52.6  | 79.0   |
| 138      | 87.0  | 71.8  | 107.6  |





#49

Acenaphthylene

Concen: 42.066 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Instrument :

BNA\_G

ClientSampleId :

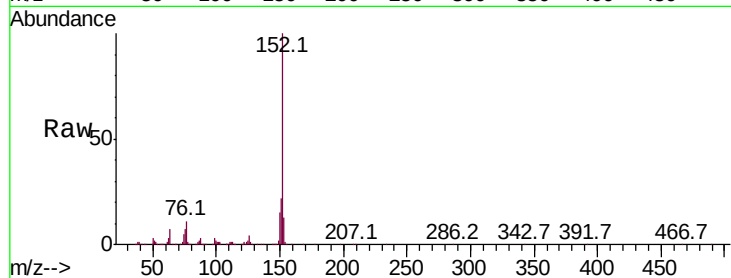
Tot Ion:152 Resp: 1167674

Ion Ratio Lower Upper

152 100

151 22.2 17.8 26.8

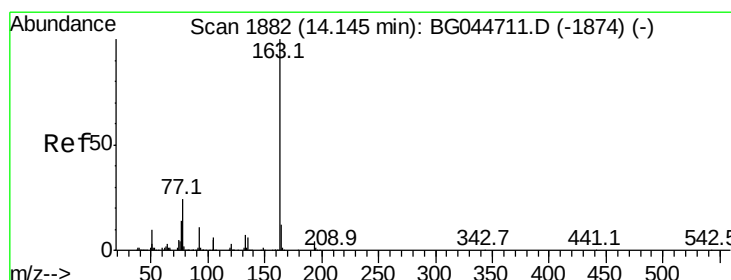
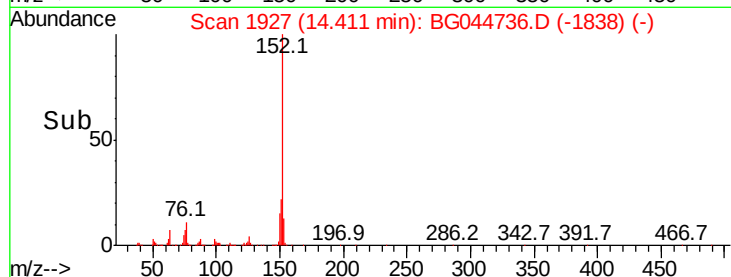
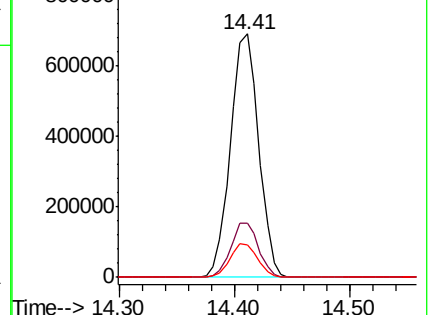
153 13.3 11.4 17.0



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: 40.841 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

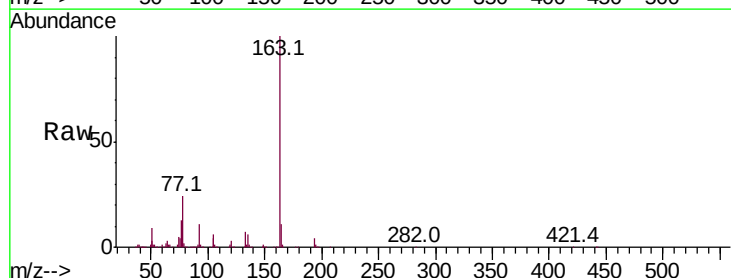
Tgt Ion:163 Resp: 944114

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

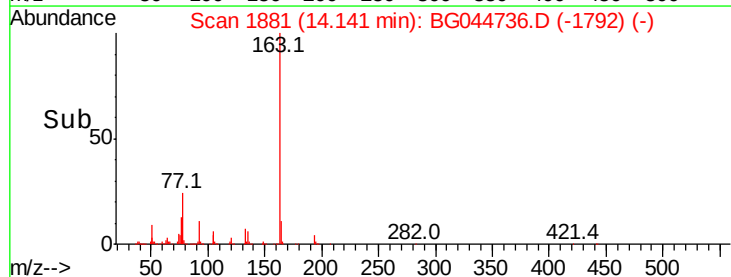
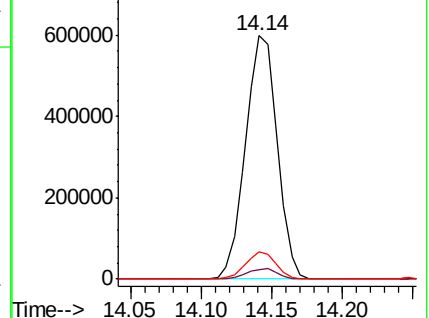
164 11.2 9.2 13.8

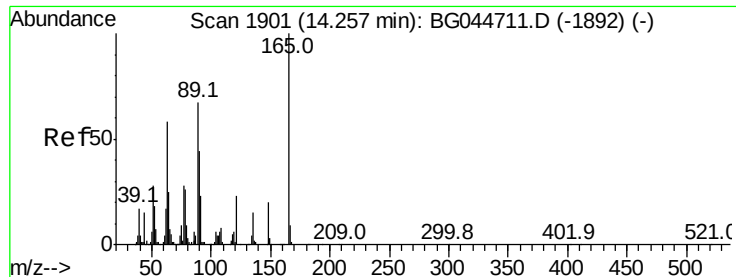


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.349 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Instrument :

BNA\_G

ClientSampleId :

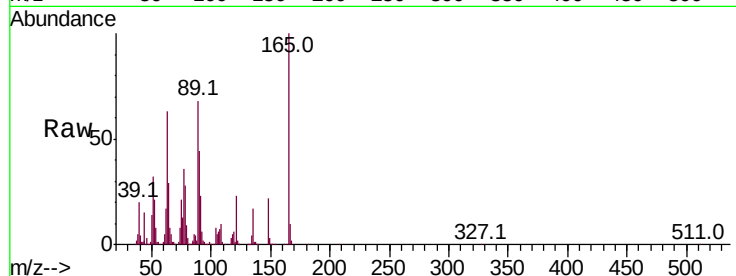
Tot Ion:165 Resp: 211307

Ion Ratio Lower Upper

165 100

63 63.4 48.9 73.3

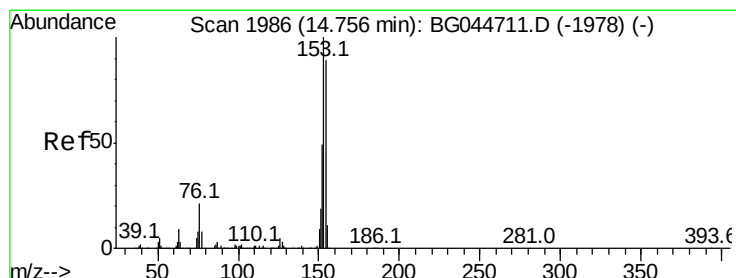
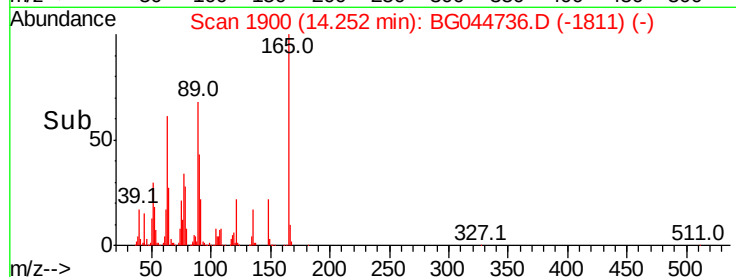
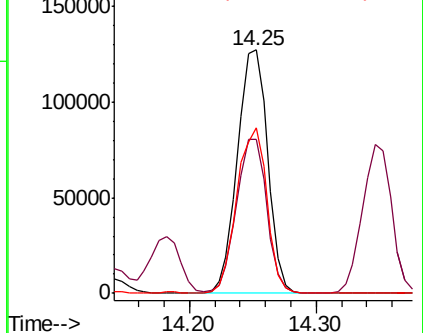
89 68.1 53.8 80.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 46.318 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

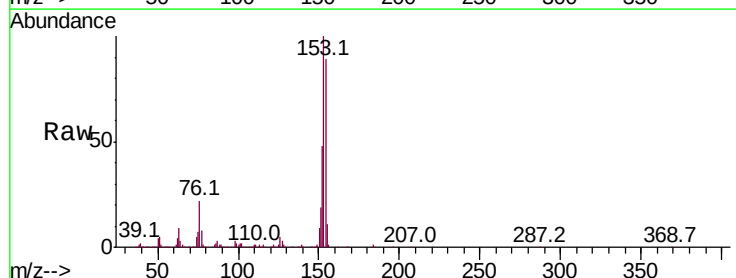
Tgt Ion:154 Resp: 842024

Ion Ratio Lower Upper

154 100

153 112.3 89.8 134.8

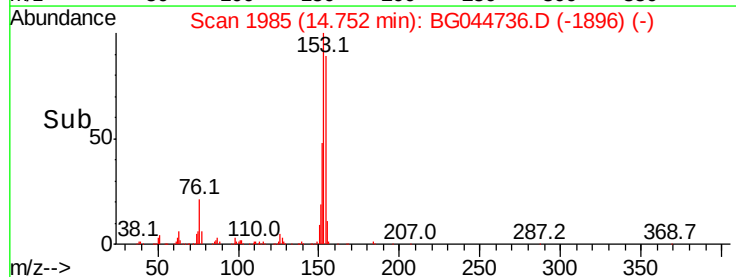
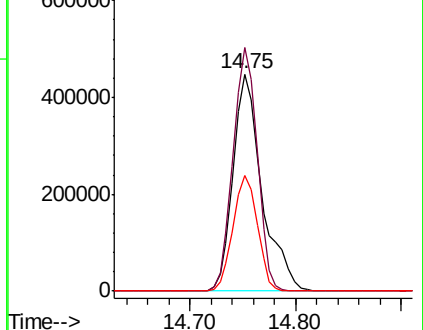
152 53.4 44.4 66.6

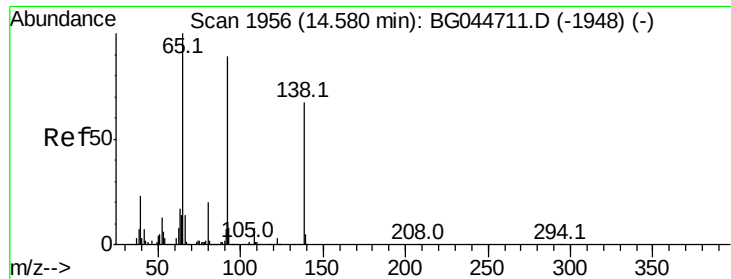


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 30.050 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Instrument :

BNA\_G

ClientSampleId :

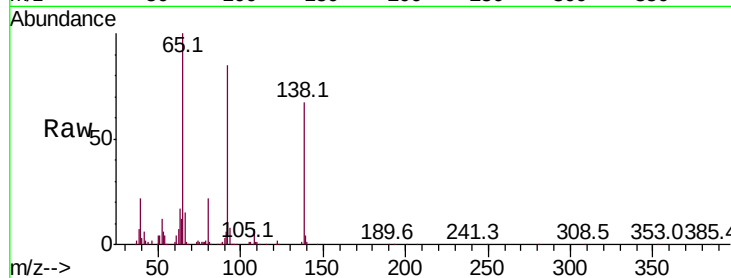
Tot Ion:138 Resp: 160981

Ion Ratio Lower Upper

138 100

108 10.2 9.2 13.8

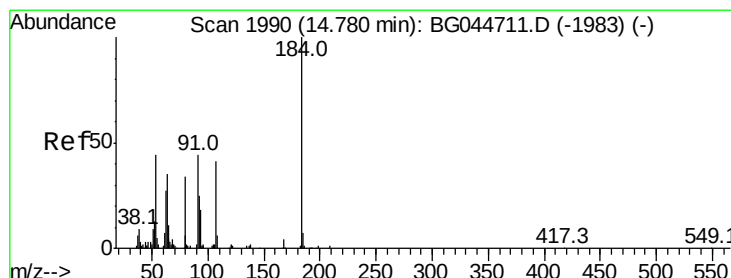
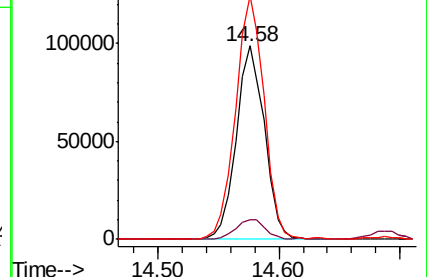
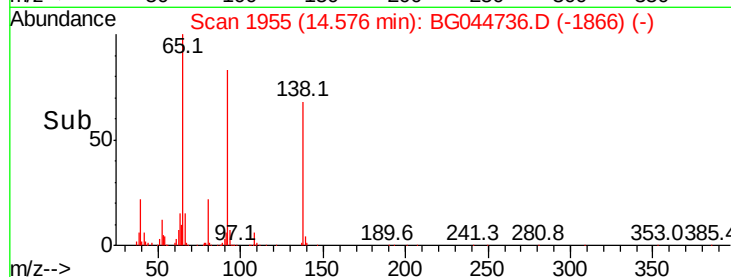
92 126.0 105.6 158.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 91.137 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

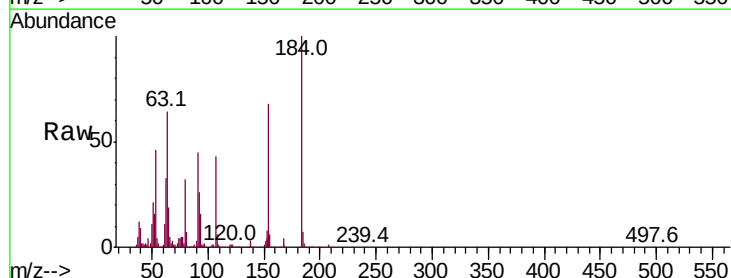
Tgt Ion:184 Resp: 225056

Ion Ratio Lower Upper

184 100

63 64.4 49.0 73.6

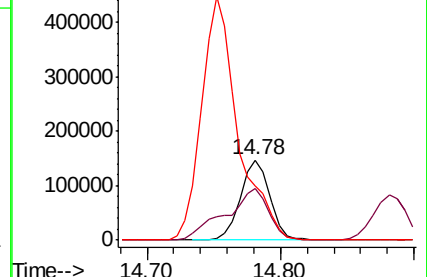
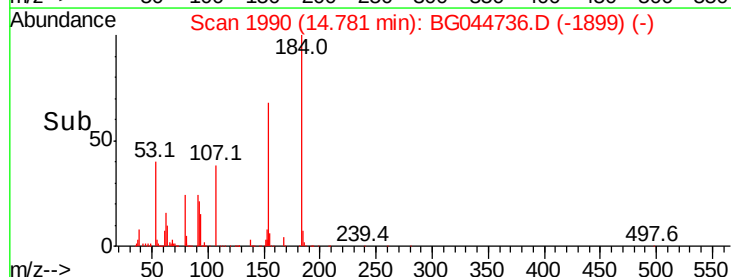
154 68.0 94.5 141.7#

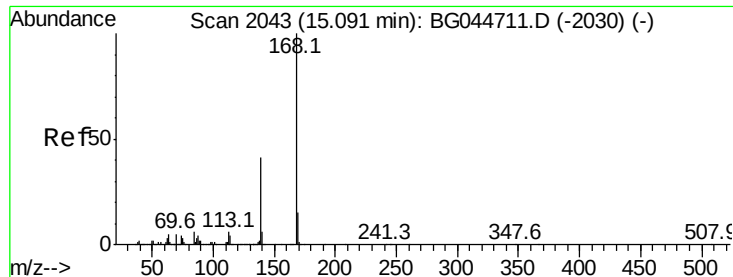


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

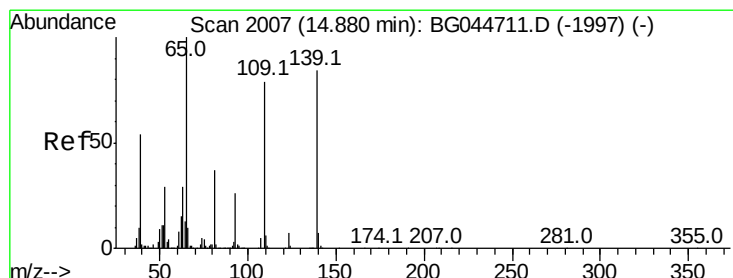
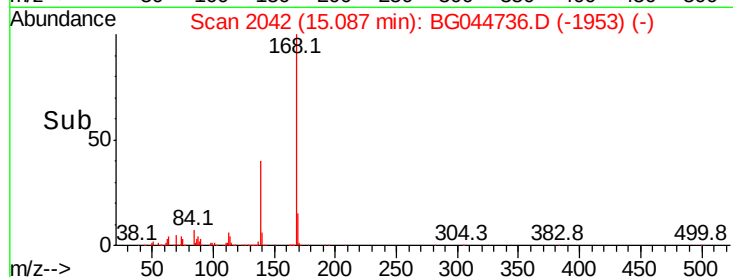
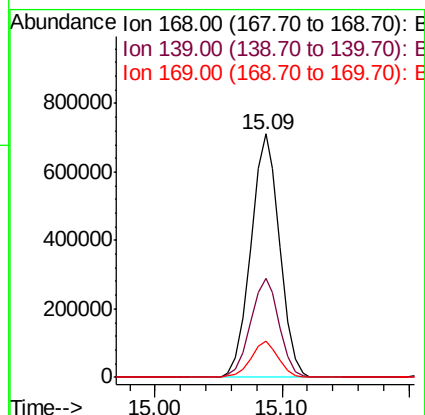
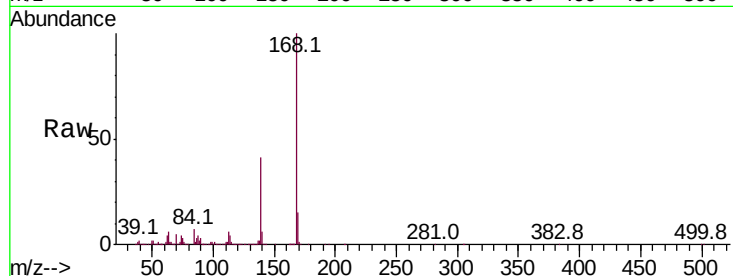




#55  
Dibenzofuran  
Concen: 42.301 ng  
RT: 15.09 min Scan# 2042  
Delta R.T. -0.00 min  
Lab File: BG044736.D  
Acq: 12 Mar 2020 15:32

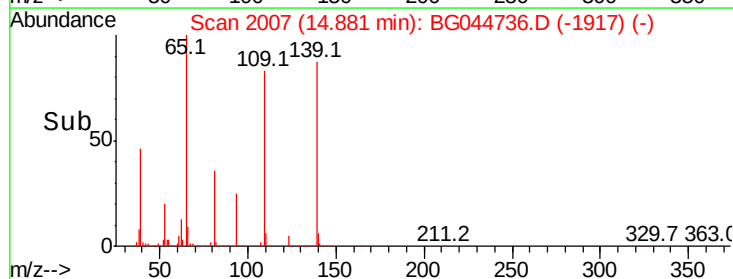
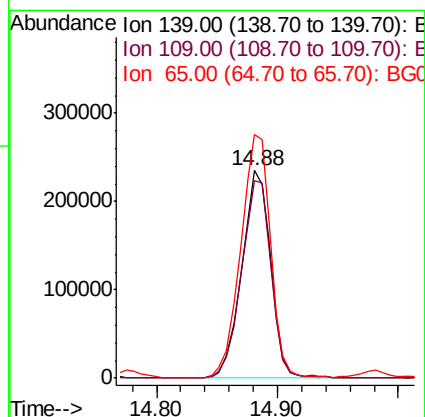
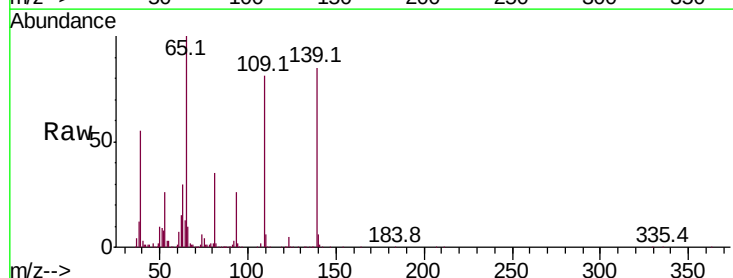
Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:168 Resp: 1115159  
Ion Ratio Lower Upper  
168 100  
139 40.9 32.6 49.0  
169 14.7 11.8 17.6

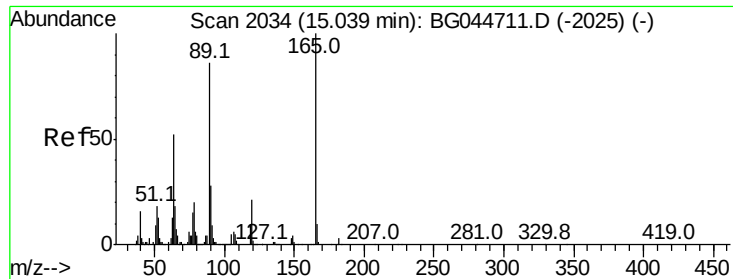


#56  
4-Nitrophenol  
Concen: 96.013 ng  
RT: 14.88 min Scan# 2007  
Delta R.T. 0.00 min  
Lab File: BG044736.D  
Acq: 12 Mar 2020 15:32

Tgt Ion:139 Resp: 392547  
Ion Ratio Lower Upper  
139 100  
109 95.3 74.1 114.1  
65 117.5 98.6 138.6



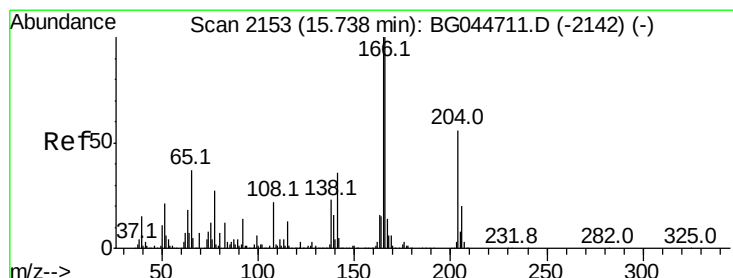
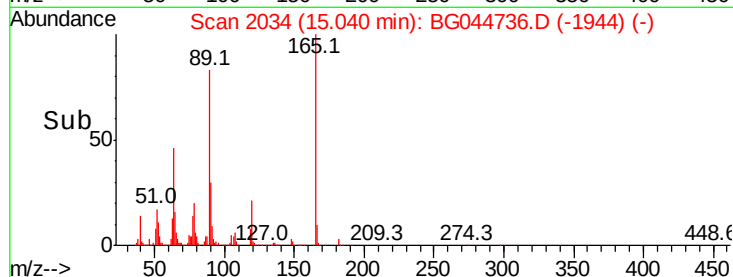
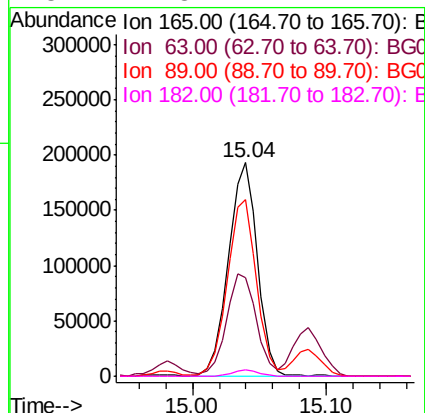
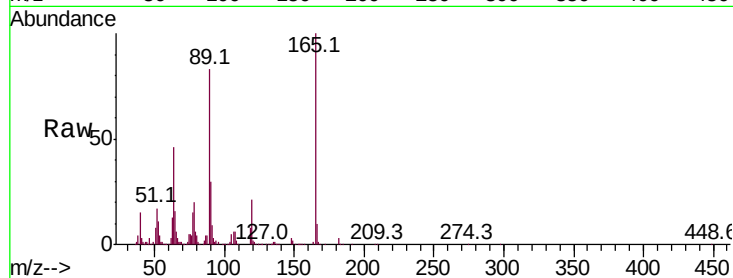




#57  
2,4-Dinitrotoluene  
Concen: 45.977 ng  
RT: 15.04 min Scan# 2034  
Delta R.T. 0.00 min  
Lab File: BG044736.D  
Acq: 12 Mar 2020 15:32

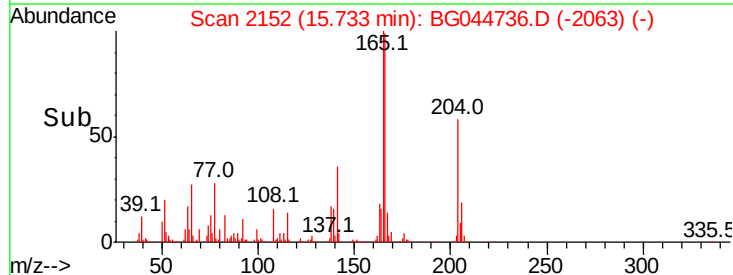
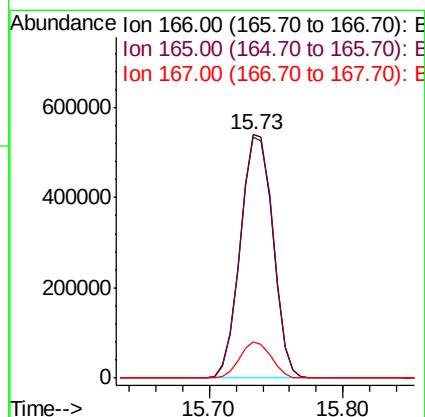
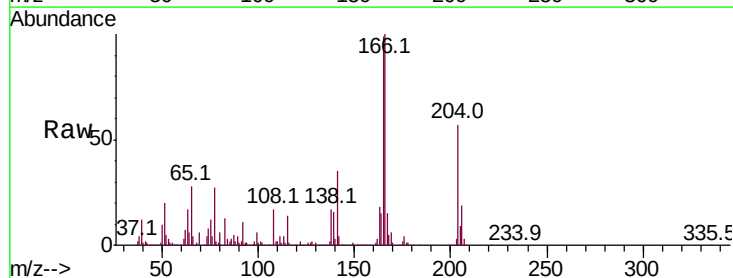
Instrument :  
BNA\_G  
ClientSampleId :

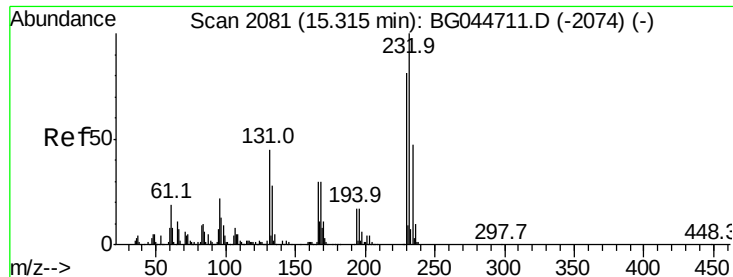
Tot Ion:165 Resp: 293820  
Ion Ratio Lower Upper  
165 100  
63 46.5 41.5 62.3  
89 83.0 69.0 103.4  
182 2.8 2.7 4.1



#58  
Fluorene  
Concen: 41.805 ng  
RT: 15.73 min Scan# 2152  
Delta R.T. -0.00 min  
Lab File: BG044736.D  
Acq: 12 Mar 2020 15:32

Tgt Ion:166 Resp: 906577  
Ion Ratio Lower Upper  
166 100  
165 98.9 79.6 119.4  
167 14.9 11.4 17.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.364 ng

RT: 15.23 min Scan# 2066

Delta R.T. -0.09 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Instrument :

BNA\_G

ClientSampled :

Tot Ion:232 Resp: 274759

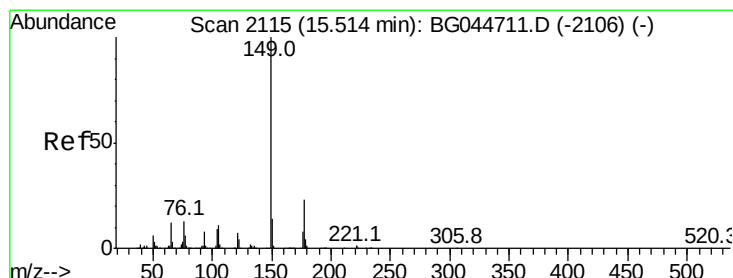
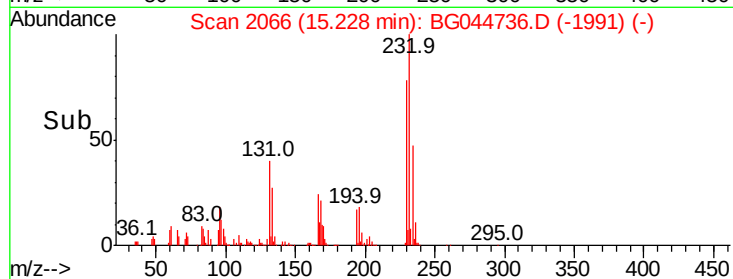
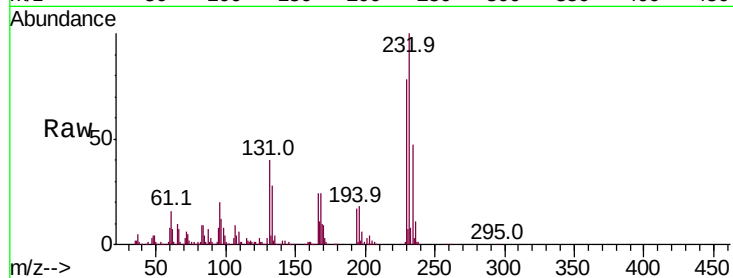
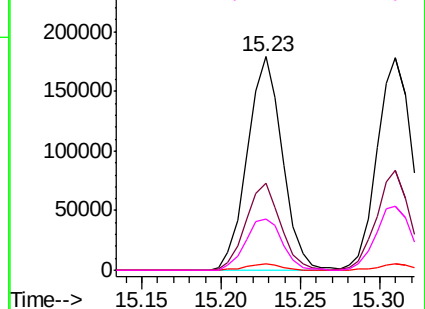
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 232 | 100   |       |       |
| 131 | 40.4  | 32.4  | 48.6  |
| 130 | 2.8   | 2.0   | 3.0   |
| 166 | 25.6  | 20.5  | 30.7  |

Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 41.255 ng

RT: 15.51 min Scan# 2114

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

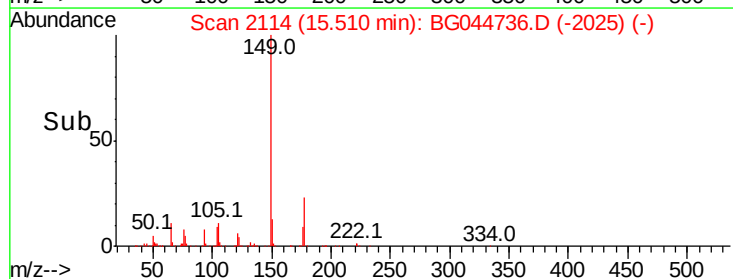
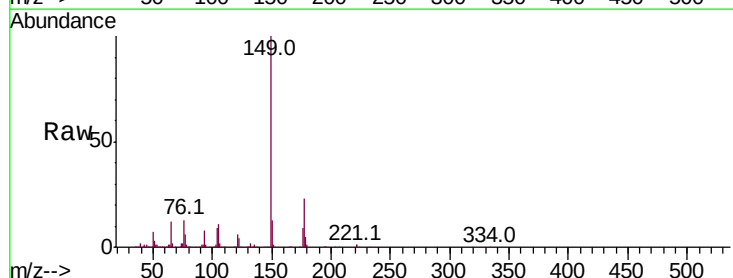
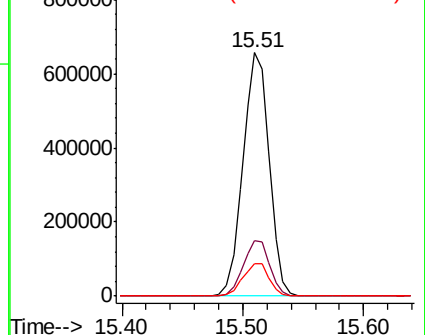
Tgt Ion:149 Resp: 994673

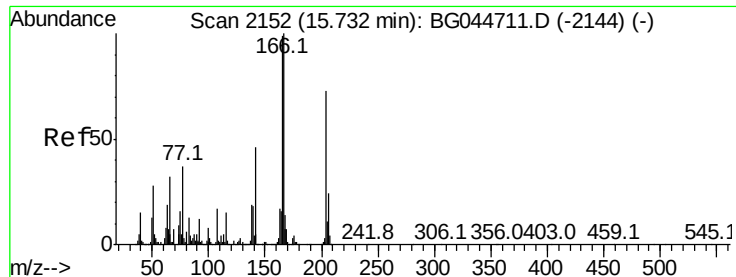
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 22.8  | 18.8  | 28.2  |
| 150 | 13.5  | 11.2  | 16.8  |

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

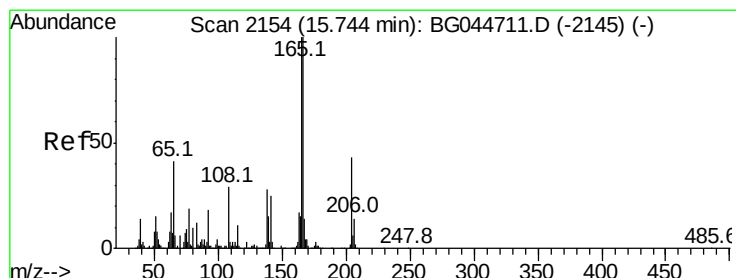
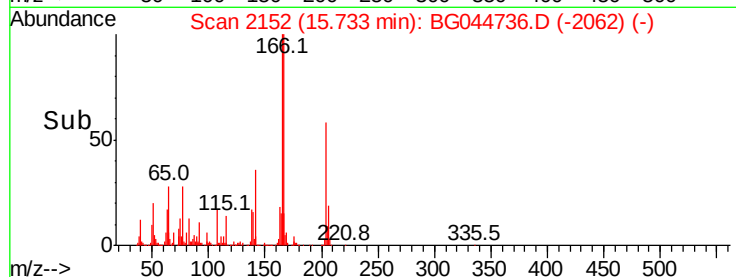
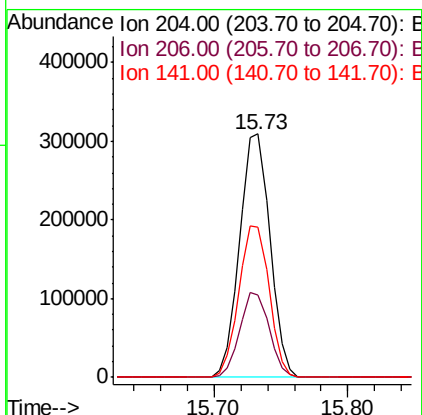
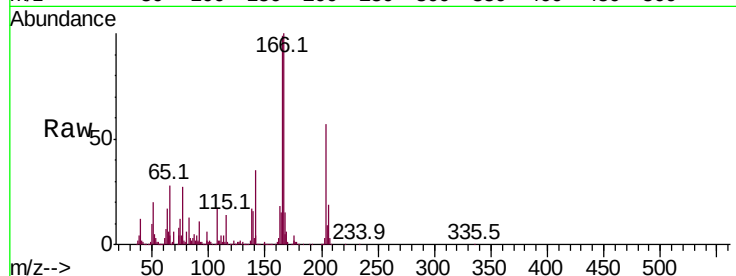




#61  
4-Chlorophenyl-phenylether  
Concen: 41.619 ng  
RT: 15.73 min Scan# 2152  
Delta R.T. 0.00 min  
Lab File: BG044736.D  
Acq: 12 Mar 2020 15:32

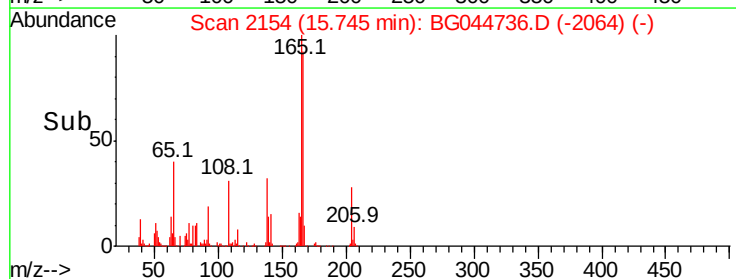
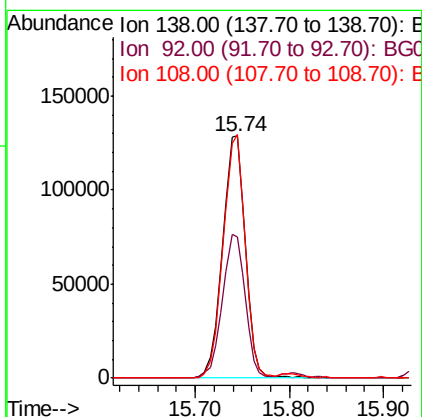
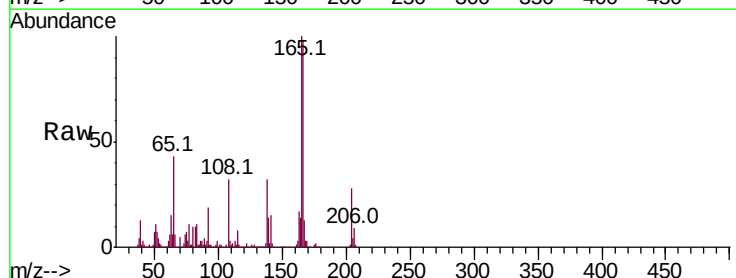
Instrument :  
BNA\_G  
ClientSampleId :

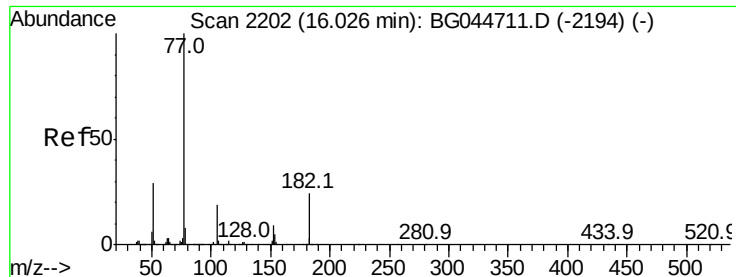
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.6  | 25.8  | 38.6  |
| 141     | 61.6  | 50.8  | 76.2  |



#62  
4-Nitroaniline  
Concen: 38.133 ng  
RT: 15.74 min Scan# 2154  
Delta R.T. 0.00 min  
Lab File: BG044736.D  
Acq: 12 Mar 2020 15:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 58.5  | 42.1  | 82.1  |
| 108     | 100.6 | 81.2  | 121.2 |





#63

Azobenzene

Concen: 41.951 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

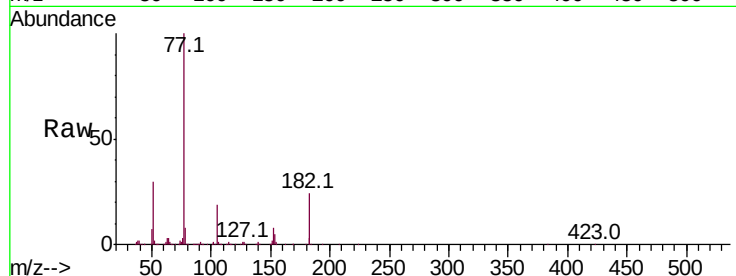
Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 77 Resp: 1050362

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 24.3  | 3.6   | 43.6  |
| 105 | 19.0  | 0.0   | 39.3  |
| 51  | 29.8  | 8.7   | 48.7  |

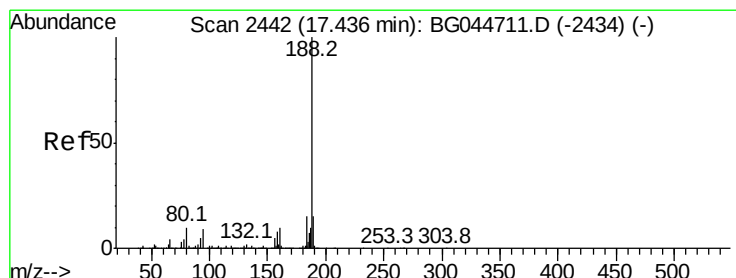
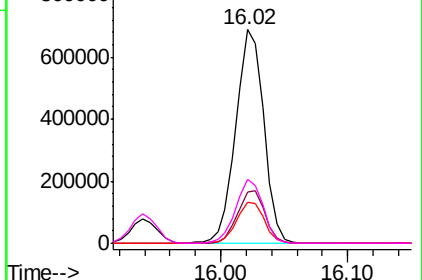
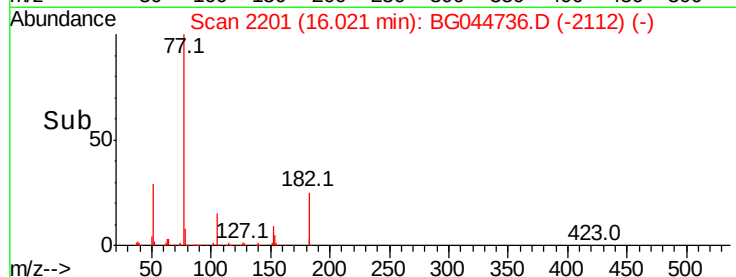


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

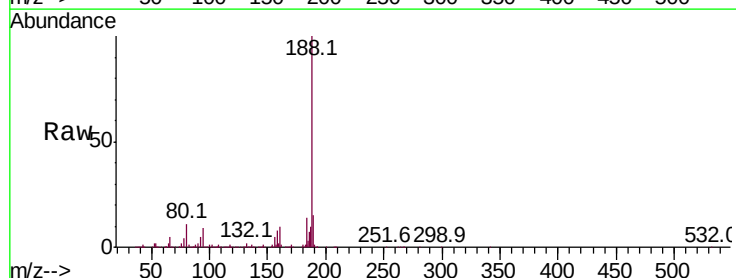
Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Tgt Ion: 188 Resp: 672114

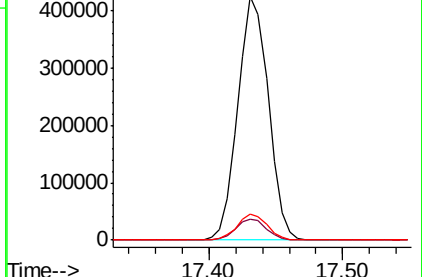
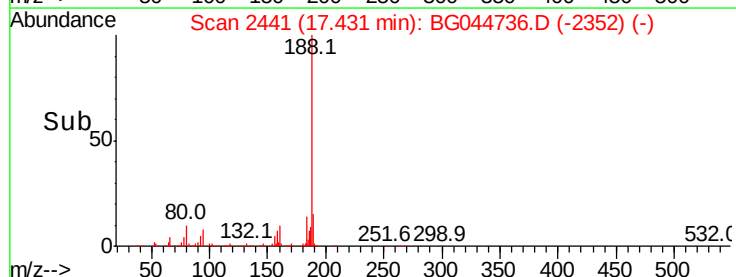
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 8.7   | 7.0   | 10.6  |
| 80  | 10.6  | 8.4   | 12.6  |

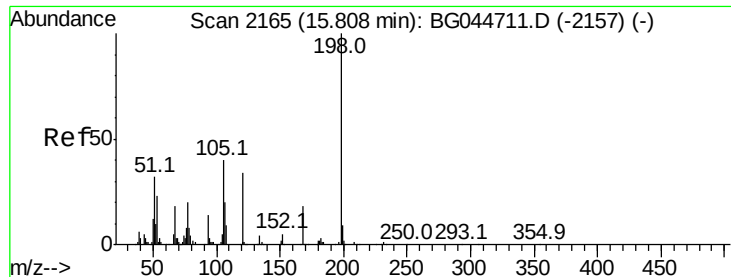


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 49.173 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Instrument :

BNA\_G

ClientSampleId :

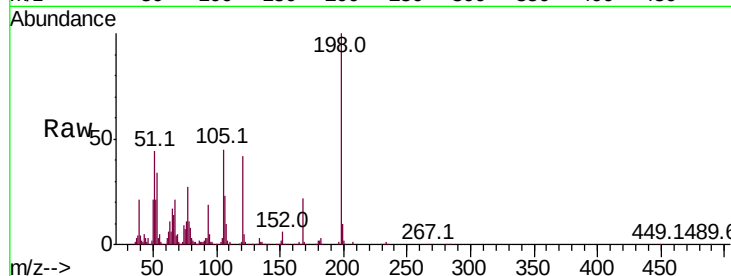
Tot Ion:198 Resp: 156239

Ion Ratio Lower Upper

198 100

51 44.1 20.1 60.1

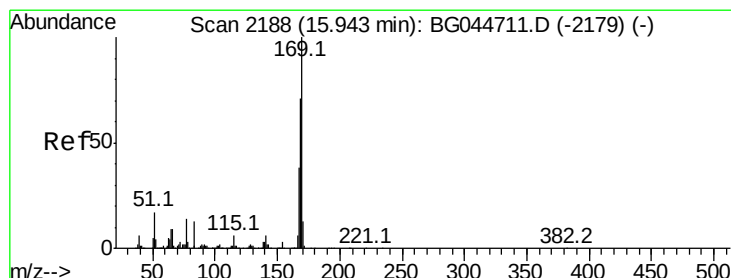
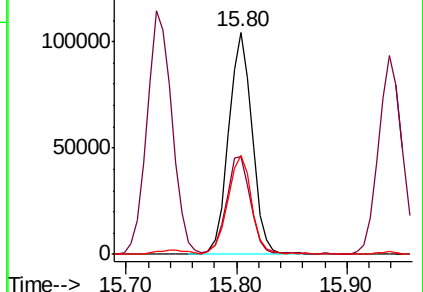
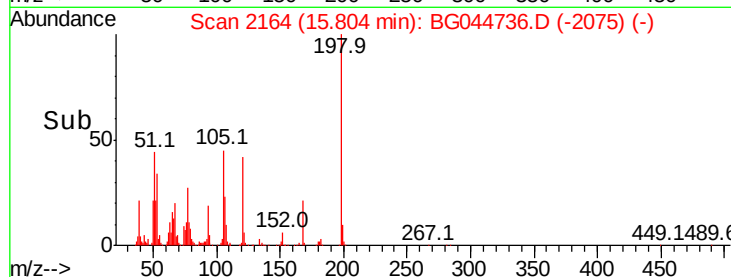
105 44.6 21.3 61.3



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: 41.249 ng

RT: 15.94 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

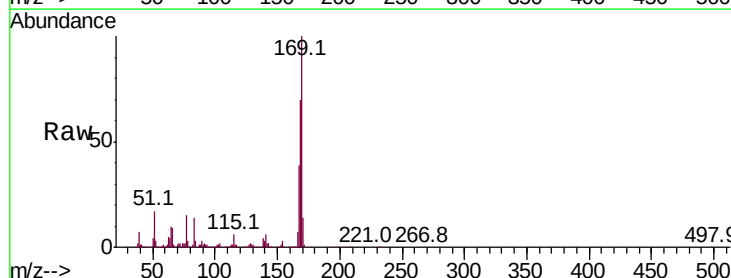
Tgt Ion:169 Resp: 834686

Ion Ratio Lower Upper

169 100

168 70.2 56.6 85.0

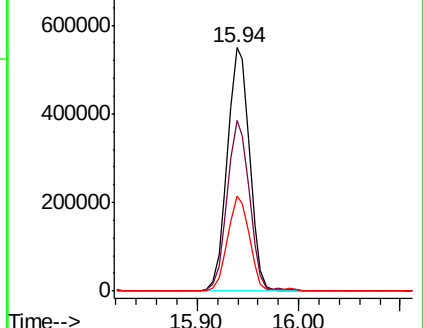
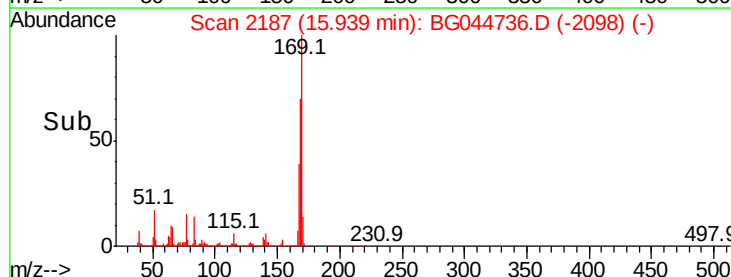
167 39.1 30.1 45.1

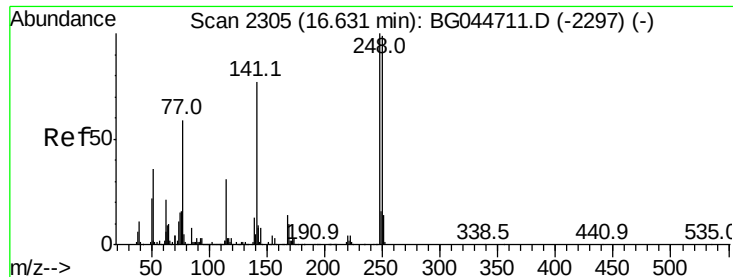


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

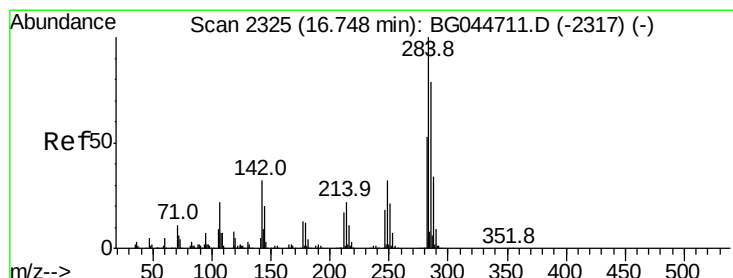
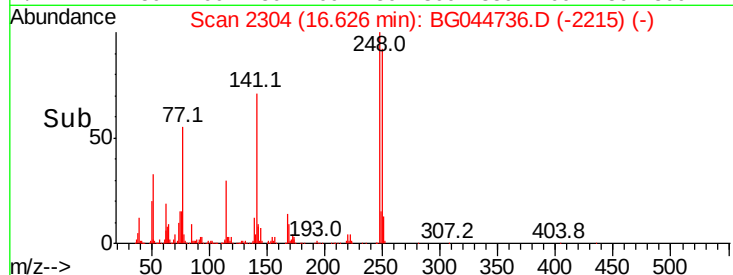
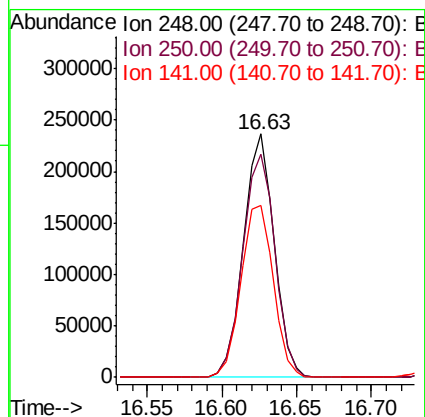
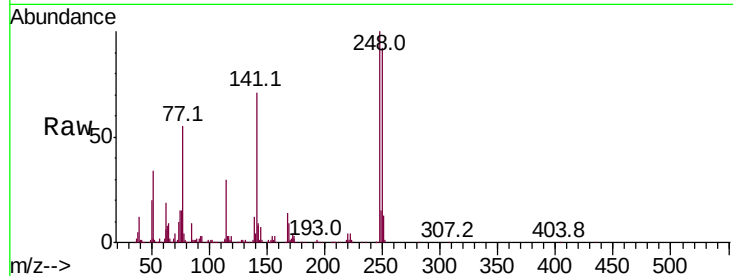




#67  
 4-Bromophenyl-phenylether  
 Concen: 39.899 ng  
 RT: 16.63 min Scan# 2304  
 Delta R.T. -0.00 min  
 Lab File: BG044736.D  
 Acq: 12 Mar 2020 15:32

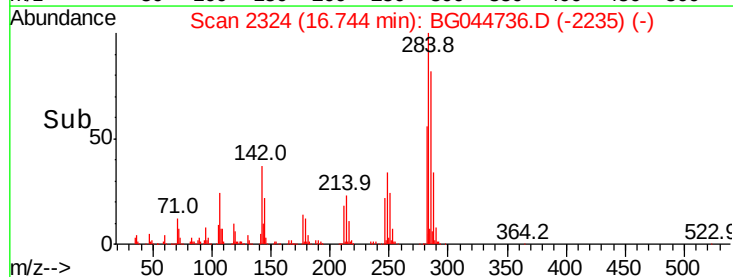
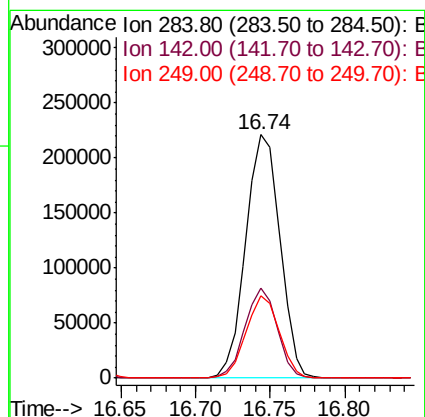
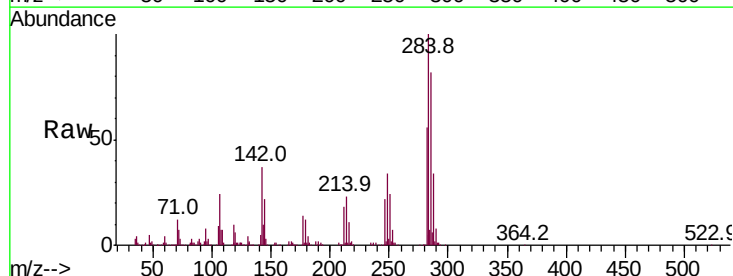
Instrument :  
 BNA\_G  
 ClientSampleId :

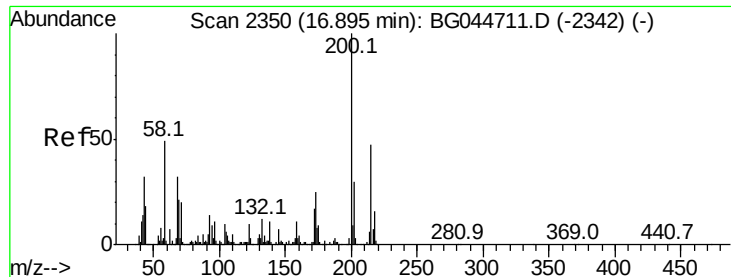
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 91.8  | 79.4  | 119.0 |
| 141     | 70.6  | 61.7  | 92.5  |



#68  
 Hexachlorobenzene  
 Concen: 38.537 ng  
 RT: 16.74 min Scan# 2324  
 Delta R.T. -0.00 min  
 Lab File: BG044736.D  
 Acq: 12 Mar 2020 15:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 37.2  | 25.6  | 38.4  |
| 249     | 33.8  | 25.8  | 38.6  |





#69

Atrazine

Concen: 46.378 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Instrument :

BNA\_G

ClientSampleId :

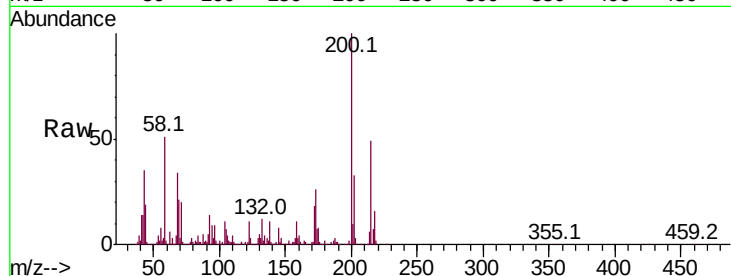
Tot Ion:200 Resp: 343835

Ion Ratio Lower Upper

200 100

173 26.1 4.8 44.8

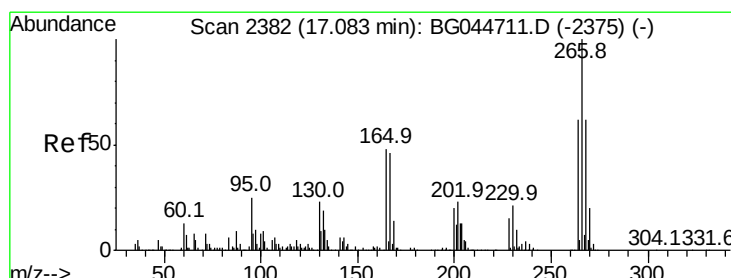
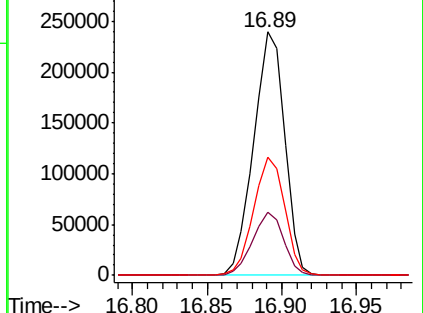
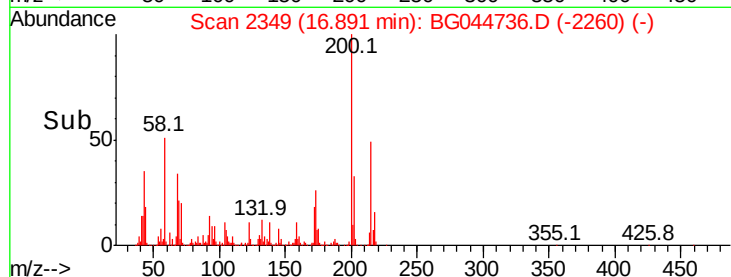
215 48.6 27.4 67.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 90.272 ng

RT: 17.08 min Scan# 2382

Delta R.T. 0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

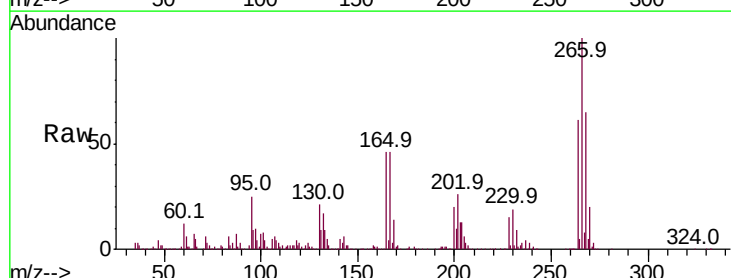
Tgt Ion:266 Resp: 452766

Ion Ratio Lower Upper

266 100

268 64.7 49.9 74.9

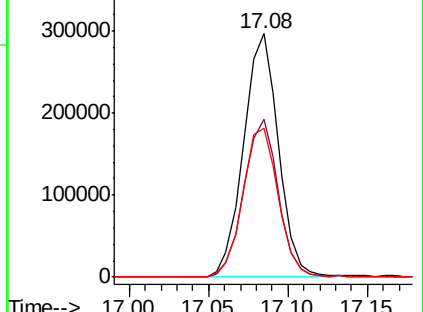
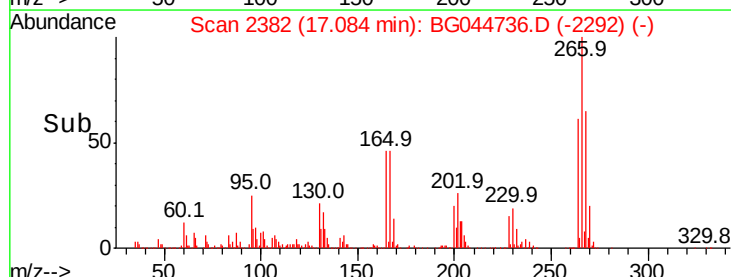
264 61.1 49.9 74.9

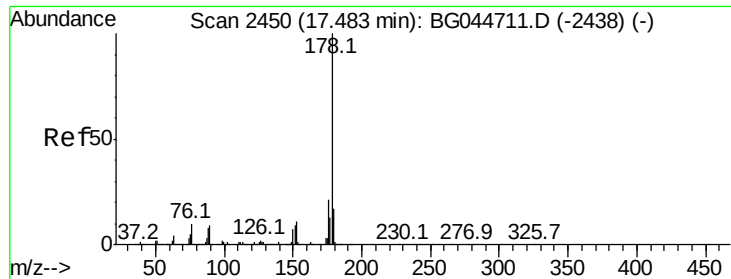


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.804 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

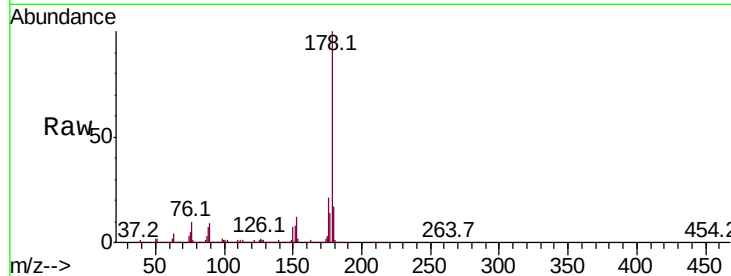
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:178 Resp: 1465560

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 21.0  | 17.0  | 25.6  |
| 179 | 17.0  | 13.7  | 20.5  |

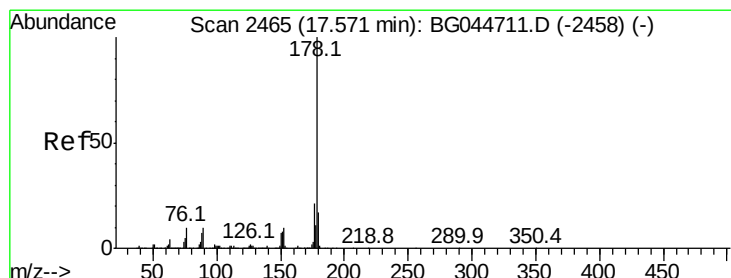
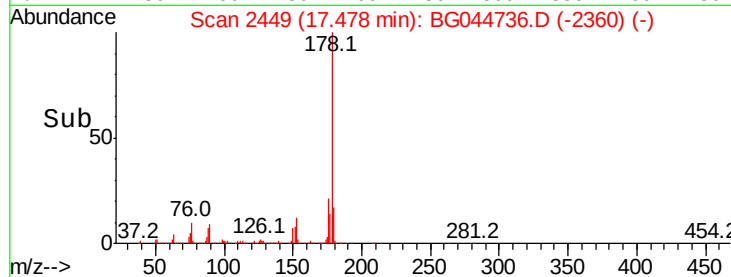
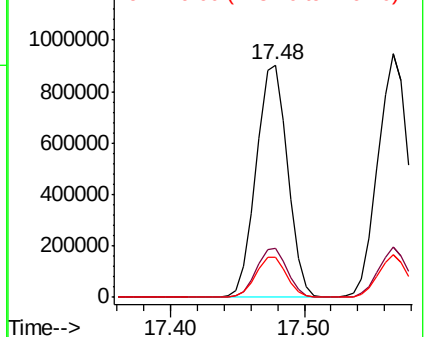


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.211 ng

RT: 17.57 min Scan# 2464

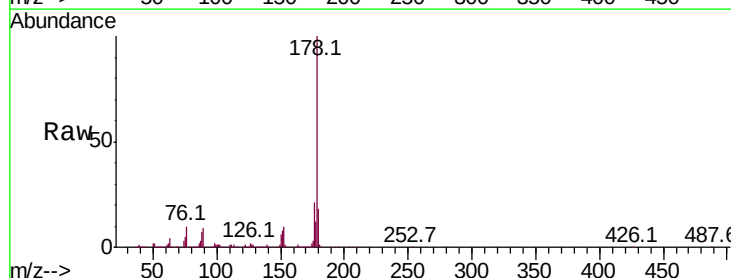
Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Tgt Ion:178 Resp: 1494942

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 20.8  | 17.0  | 25.6  |
| 179 | 17.6  | 13.8  | 20.8  |

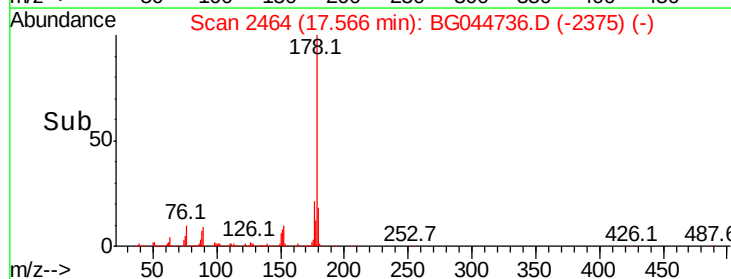
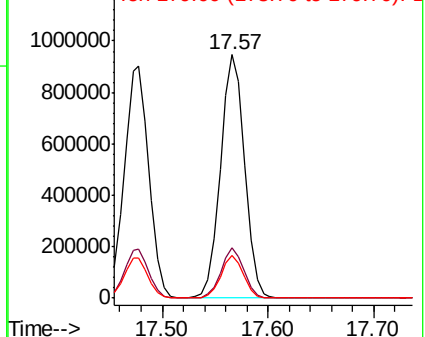


Abundance

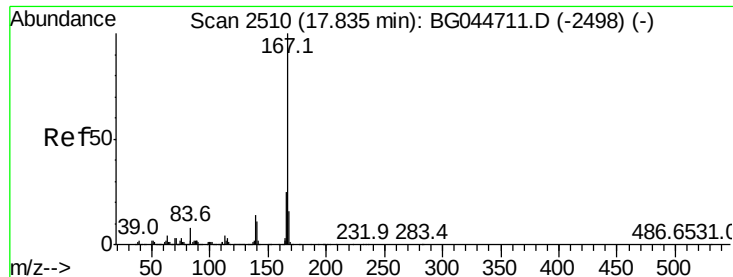
Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E







#73

Carbazole

Concen: 41.019 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

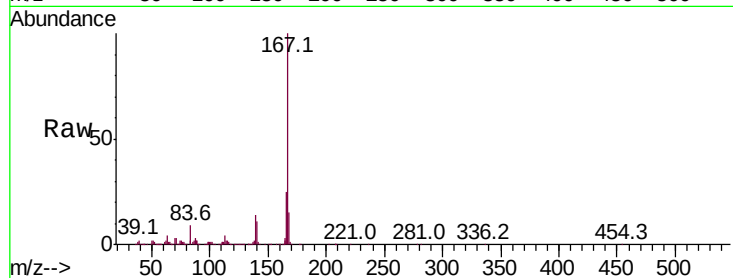
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:167 Resp: 1395436

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 25.0  | 19.6  | 29.4  |
| 139 | 13.7  | 11.4  | 17.2  |

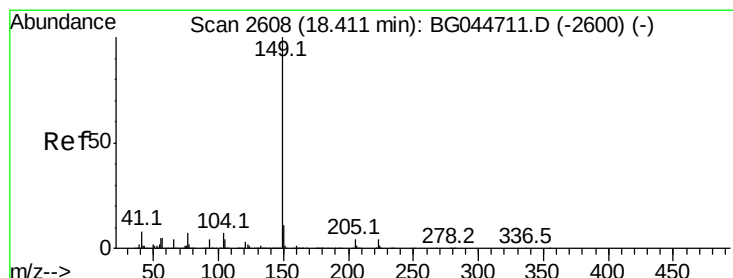
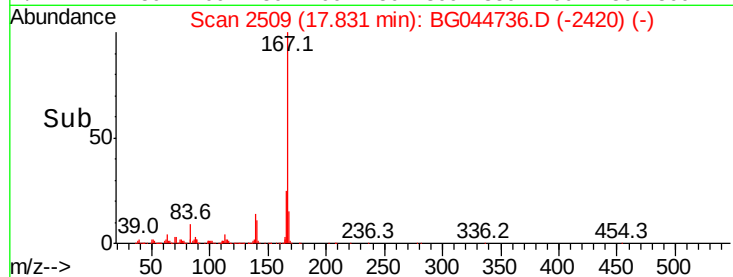
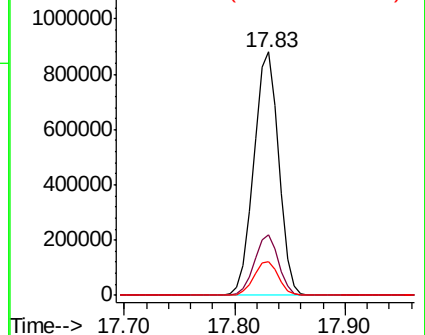


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.437 ng

RT: 18.41 min Scan# 2607

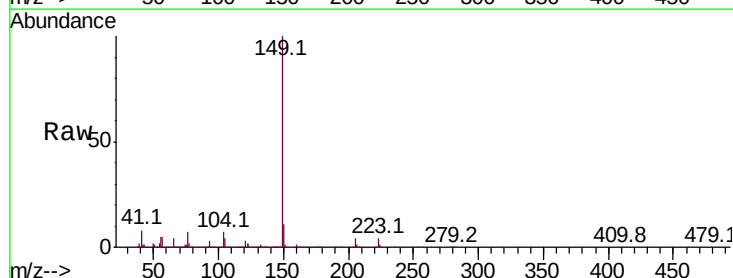
Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Tgt Ion:149 Resp: 1672259

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 11.0  | 8.4   | 12.6  |
| 104 | 6.9   | 5.6   | 8.4   |

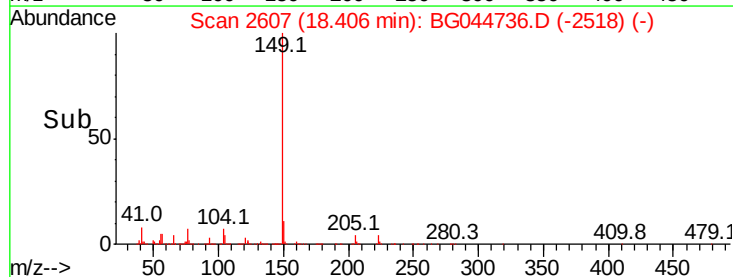
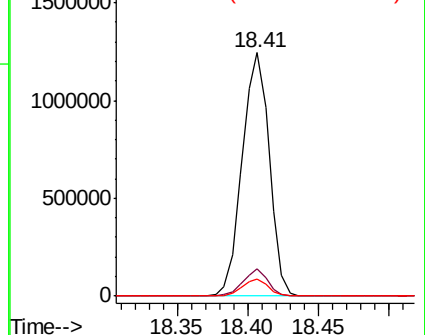


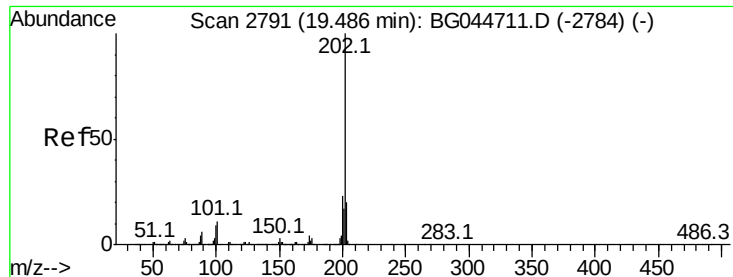
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.719 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

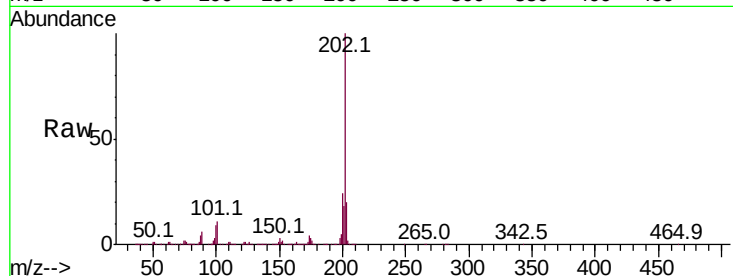
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:202 Resp: 1784090

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 11.0  | 0.0   | 31.3  |
| 203 | 20.0  | 0.4   | 40.4  |

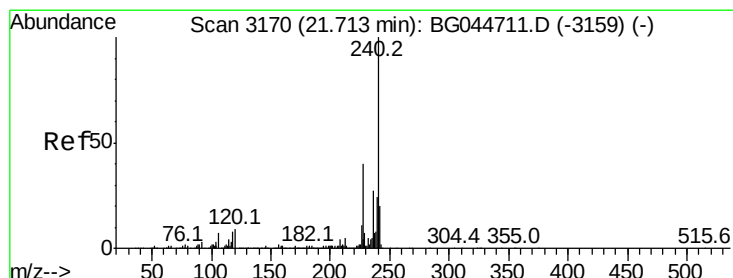
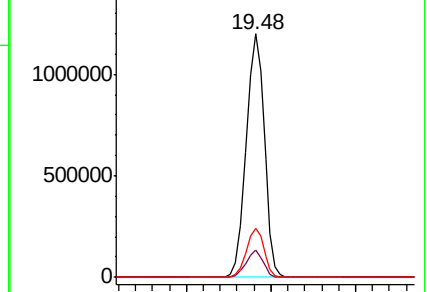
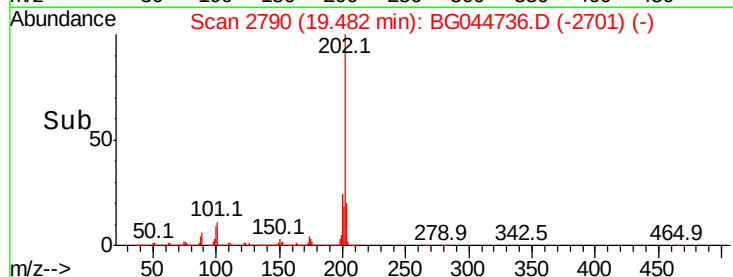


Abundance

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: 21.71 min Scan# 3169

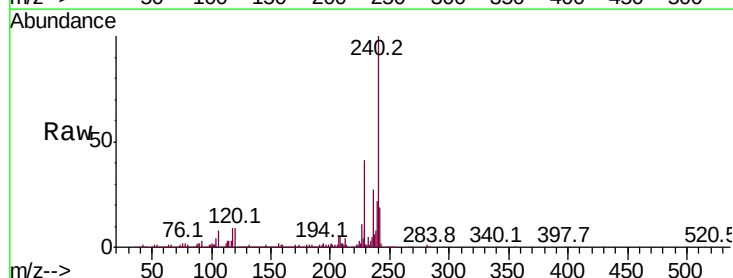
Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Tgt Ion:240 Resp: 583107

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 9.1   | 6.9   | 10.3  |
| 236 | 27.1  | 21.9  | 32.9  |

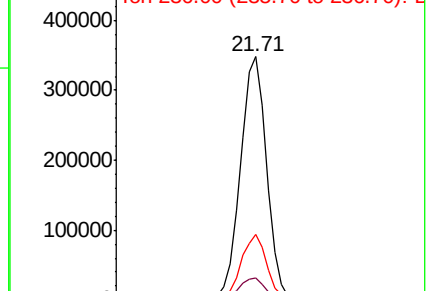
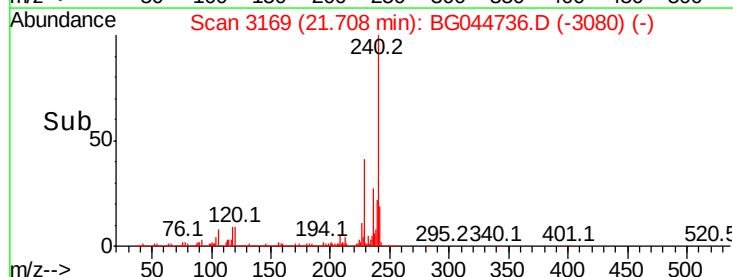


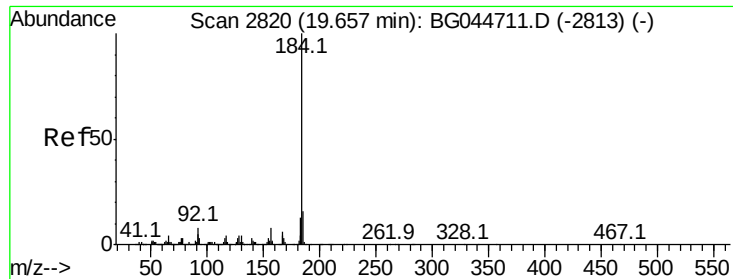
Abundance

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: 25.372 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Instrument :

BNA\_G

ClientSampled :

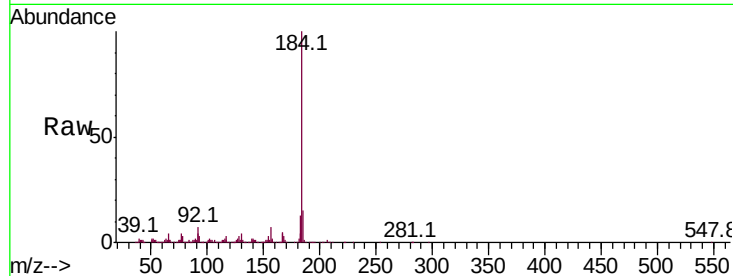
Tot Ion:184 Resp: 480296

Ion Ratio Lower Upper

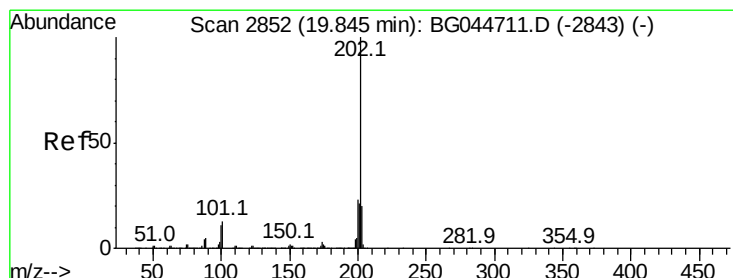
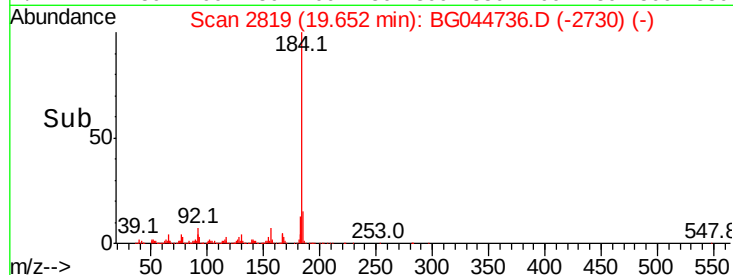
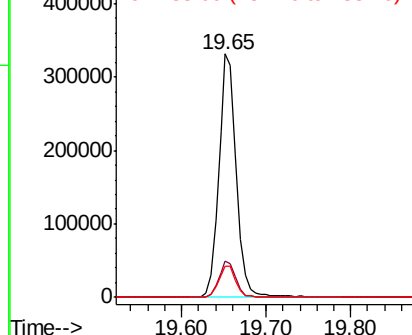
184 100

185 14.9 12.9 19.3

183 12.8 10.6 15.8



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: 41.679 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

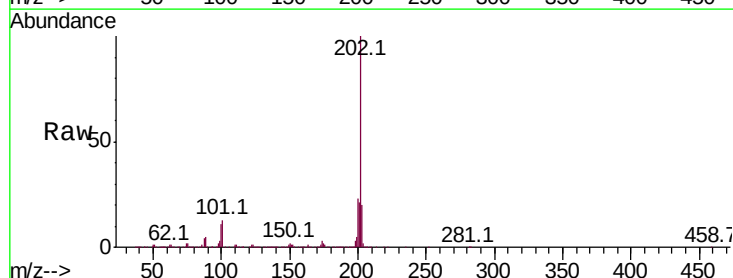
Tgt Ion:202 Resp: 1783072

Ion Ratio Lower Upper

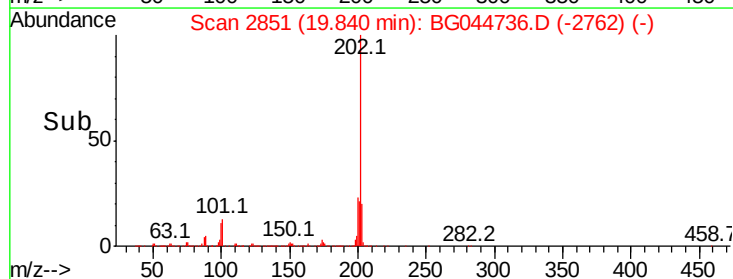
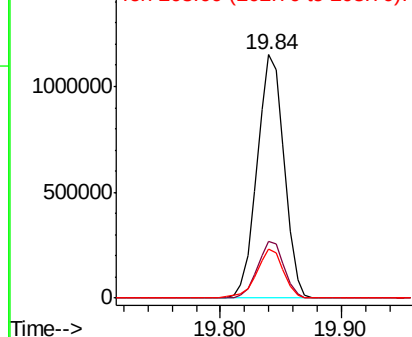
202 100

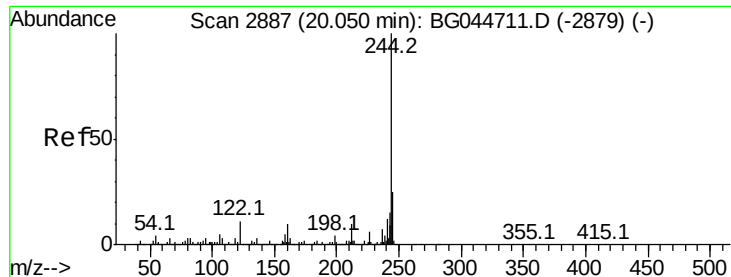
200 23.4 18.7 28.1

203 20.1 16.0 24.0



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: 69.934 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

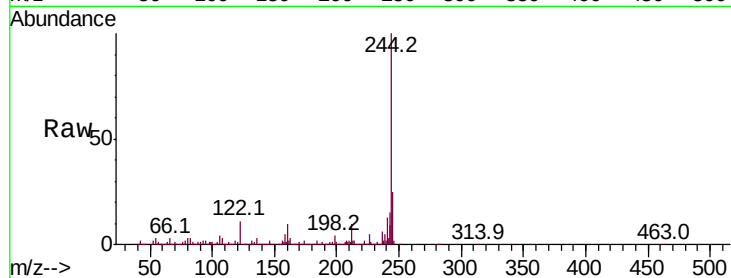
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:244 Resp: 2180042

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 10.0  | 8.4   | 12.6  |
| 122 | 10.6  | 8.7   | 13.1  |

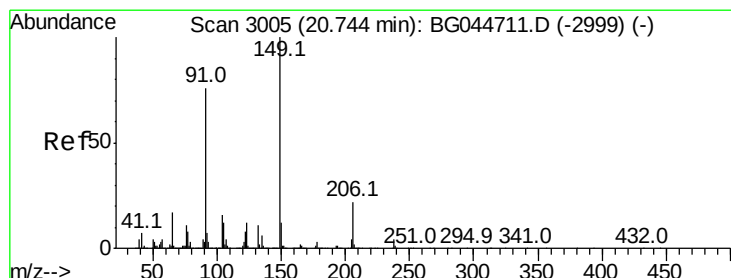
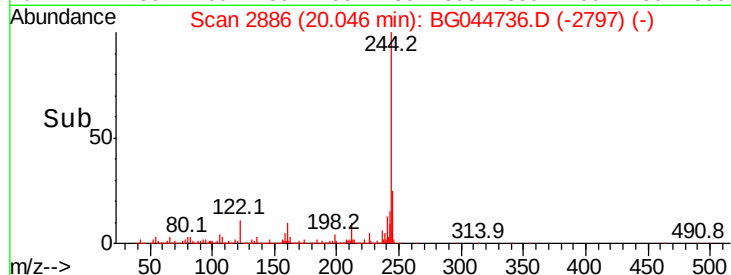
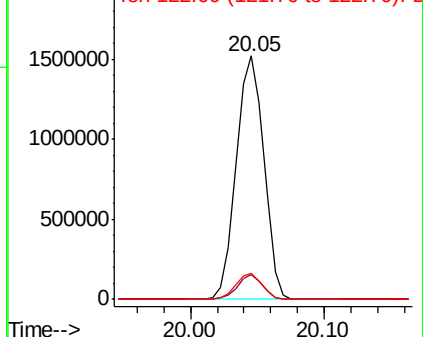


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.387 ng

RT: 20.74 min Scan# 3004

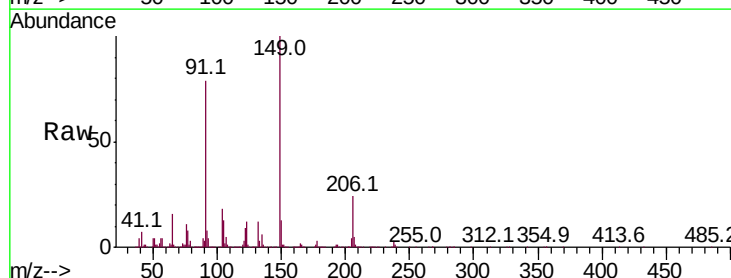
Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Tgt Ion:149 Resp: 768655

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 78.9  | 61.1  | 91.7  |
| 206 | 24.2  | 17.4  | 26.2  |

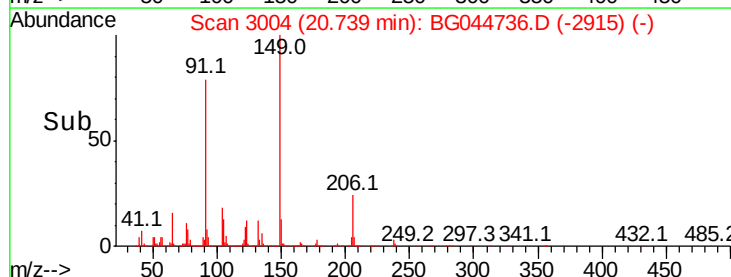
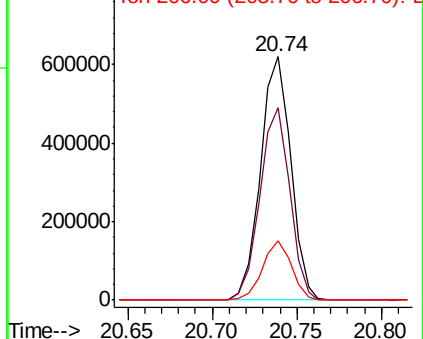


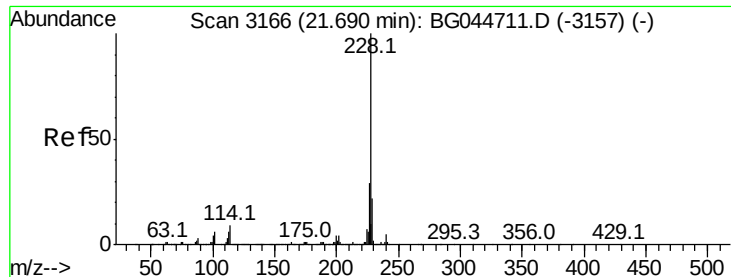
Abundance

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: 40.538 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

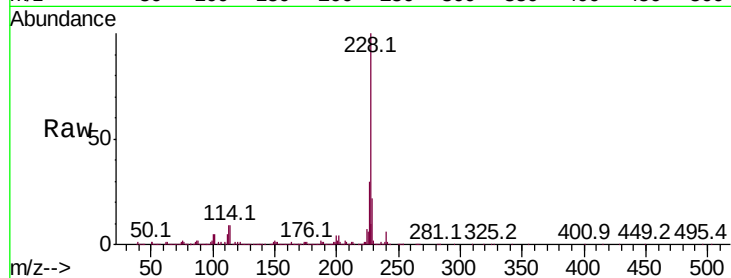
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:228 Resp: 1702124

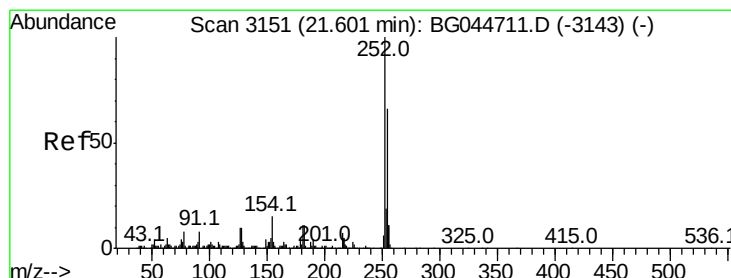
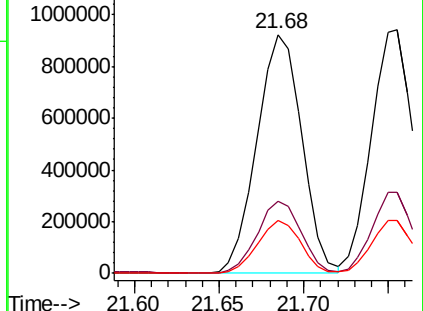
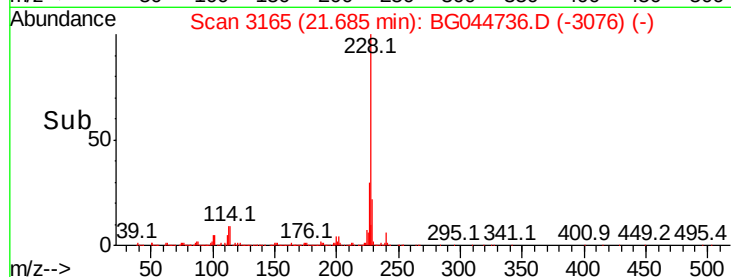
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.1  | 23.5  | 35.3  |
| 229 | 22.0  | 17.2  | 25.8  |



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: 34.058 ng

RT: 21.60 min Scan# 3150

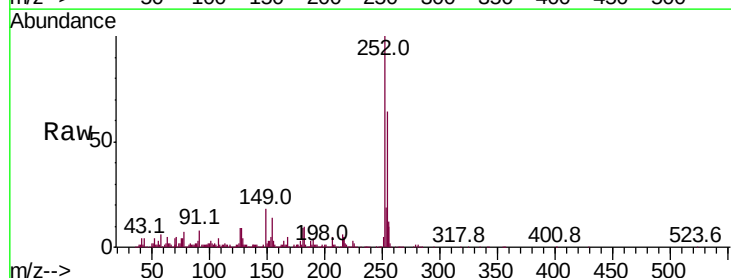
Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Tgt Ion:252 Resp: 553223

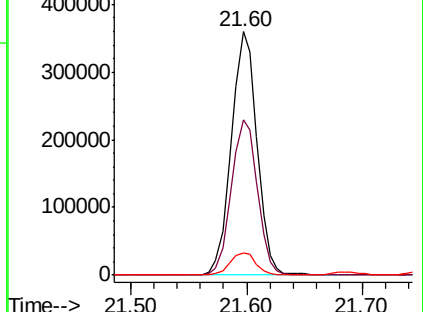
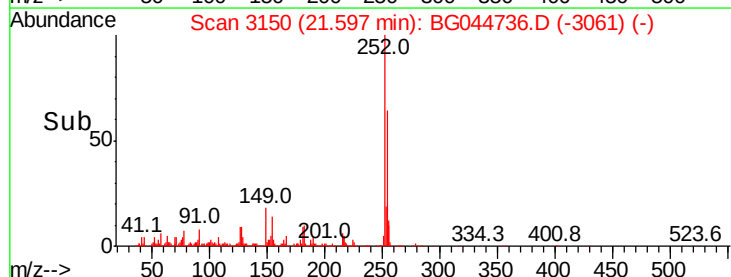
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 63.8  | 53.0  | 79.4  |
| 126 | 9.2   | 8.2   | 12.4  |

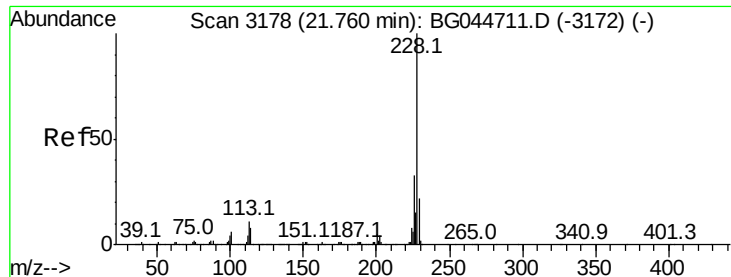


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

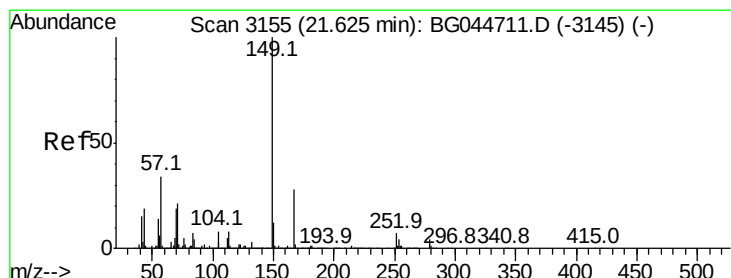
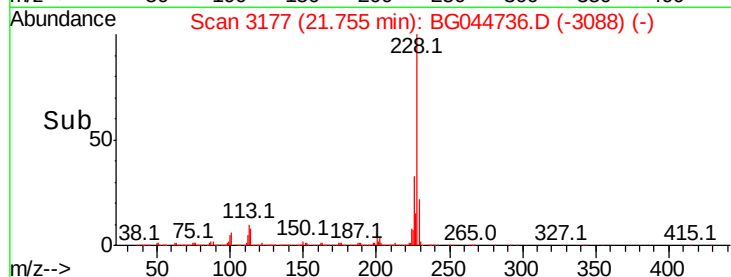
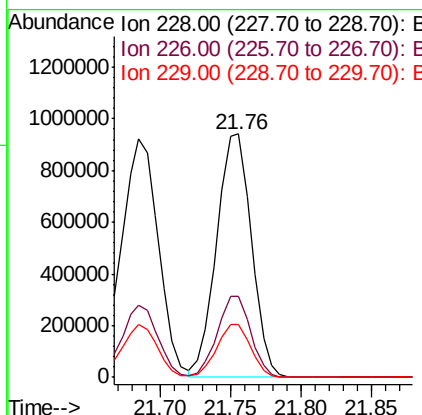
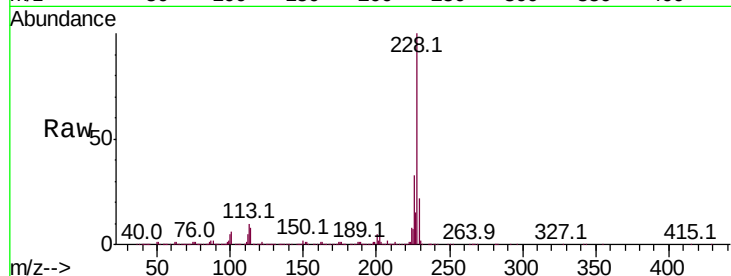




#83  
Chrysene  
Concen: 40.334 ng  
RT: 21.76 min Scan# 3177  
Delta R.T. -0.00 min  
Lab File: BG044736.D  
Acq: 12 Mar 2020 15:32

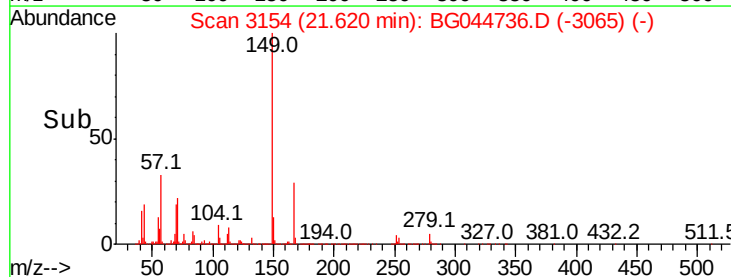
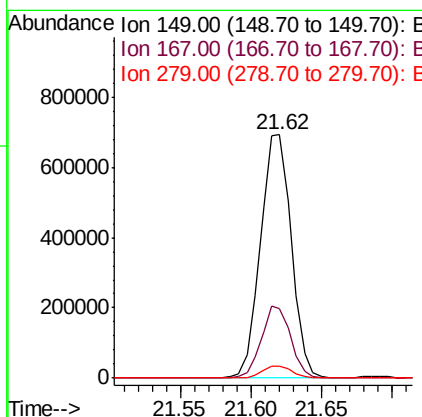
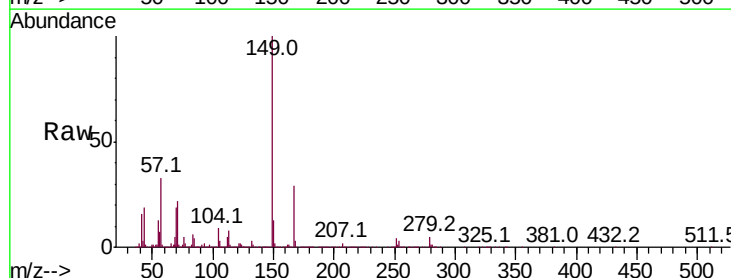
Instrument :  
BNA\_G  
ClientSampleId :

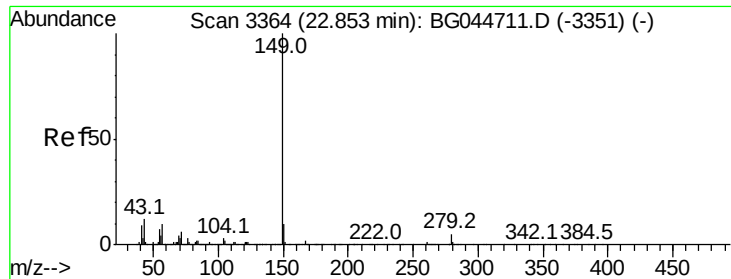
Tot Ion:228 Resp: 1617704  
Ion Ratio Lower Upper  
228 100  
226 33.1 26.1 39.1  
229 21.8 17.4 26.0



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 40.520 ng  
RT: 21.62 min Scan# 3154  
Delta R.T. -0.00 min  
Lab File: BG044736.D  
Acq: 12 Mar 2020 15:32

Tgt Ion:149 Resp: 1064336  
Ion Ratio Lower Upper  
149 100  
167 28.5 22.6 33.8  
279 5.1 3.5 5.3

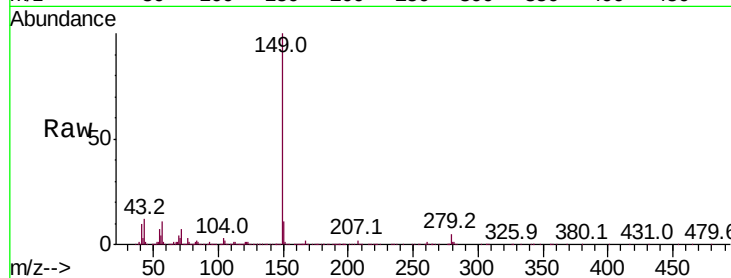




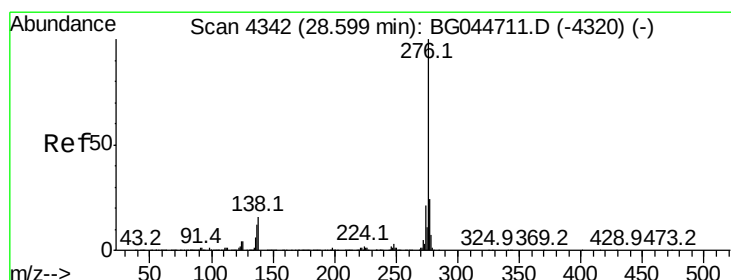
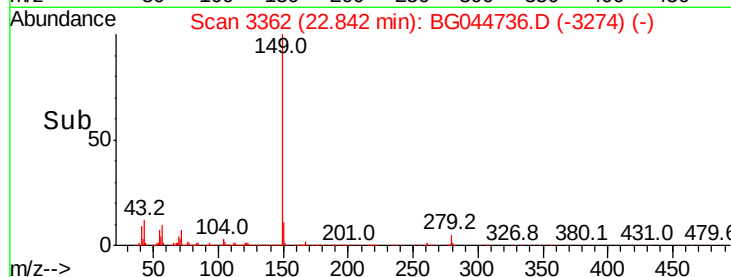
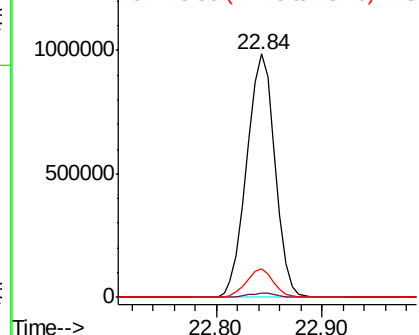
#85  
Di-n-octyl phthalate  
Concen: 41.563 ng  
RT: 22.84 min Scan# 3362  
Delta R.T. -0.01 min  
Lab File: BG044736.D  
Acq: 12 Mar 2020 15:32

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:149 Resp: 1826887  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.4 2.0  
43 11.1 9.0 13.6

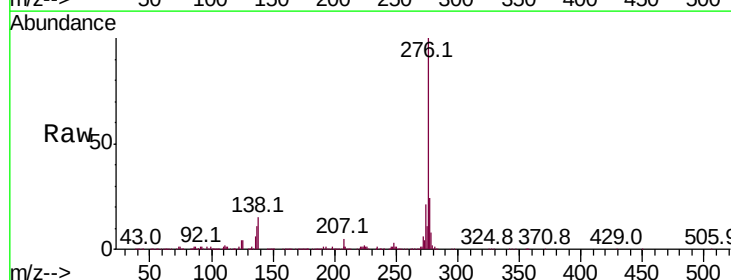


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BGC

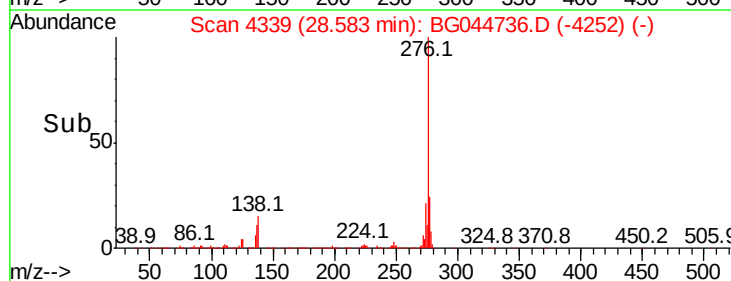
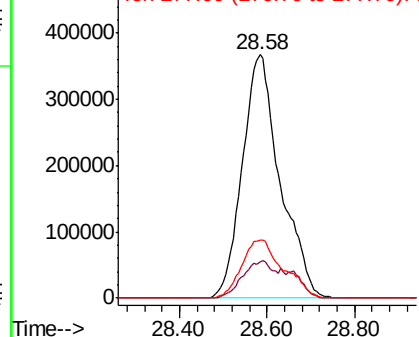


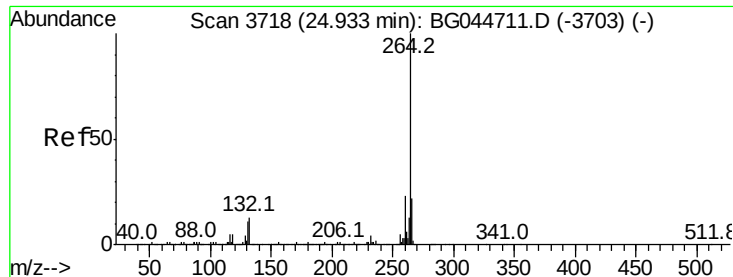
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 40.888 ng  
RT: 28.58 min Scan# 4339  
Delta R.T. -0.02 min  
Lab File: BG044736.D  
Acq: 12 Mar 2020 15:32

Tgt Ion:276 Resp: 2149981  
Ion Ratio Lower Upper  
276 100  
138 12.8 10.9 16.3  
277 26.4 20.8 31.2



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3715

Delta R.T. -0.02 min

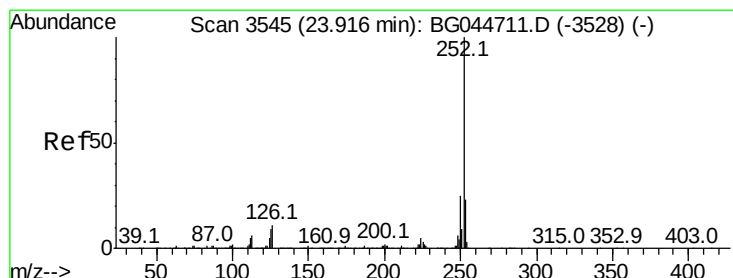
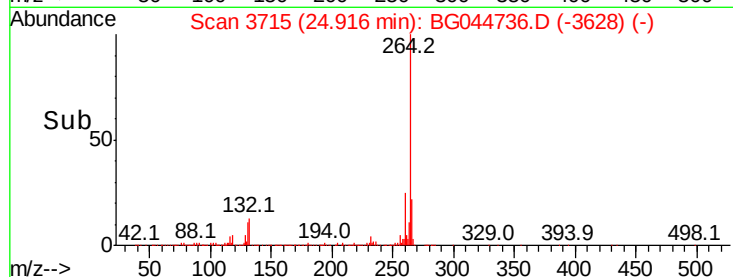
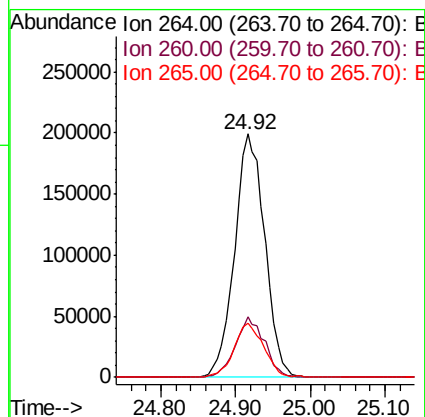
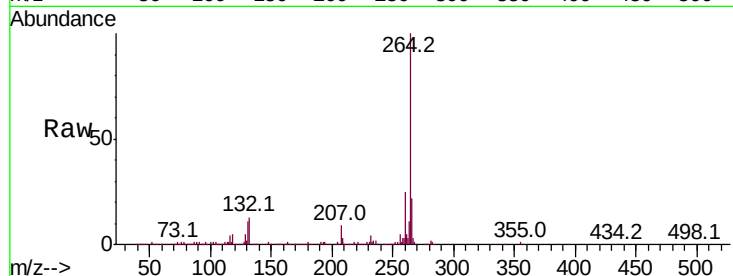
Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:264 Resp: 558452

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 25.0  | 18.4  | 27.6  |
| 265 | 22.3  | 17.4  | 26.2  |



#88

Benzo(b)fluoranthene

Concen: 50.708 ng

RT: 23.91 min Scan# 3543

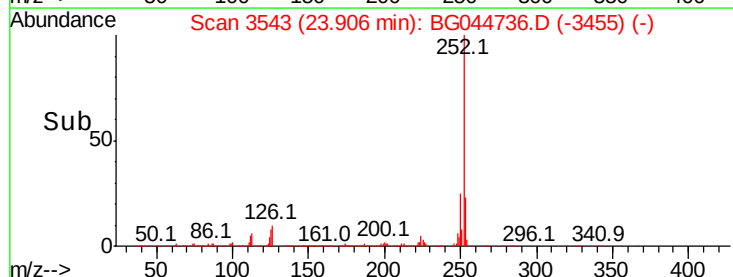
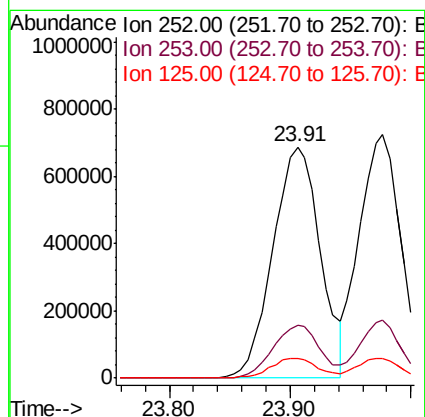
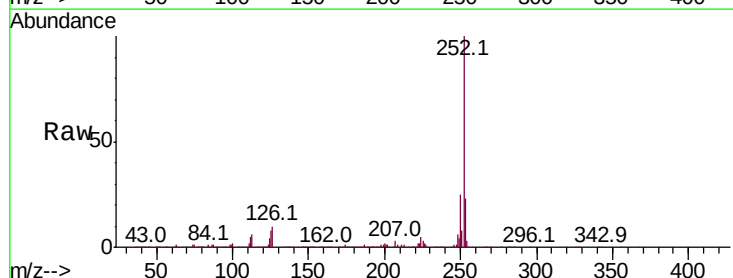
Delta R.T. -0.01 min

Lab File: BG044736.D

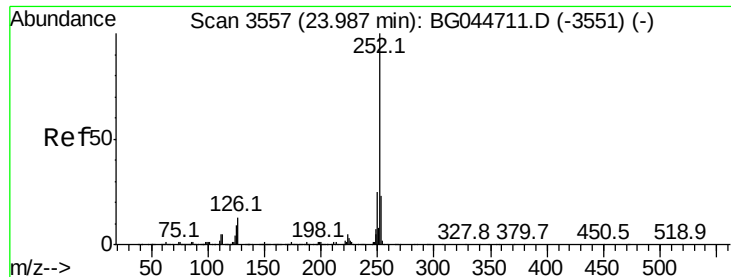
Acq: 12 Mar 2020 15:32

Tgt Ion:252 Resp: 1869470

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.0  | 18.7  | 28.1  |
| 125 | 8.3   | 7.2   | 10.8  |







#89

Benzo(k)fluoranthene

Concen: 49.452 ng

RT: 23.98 min Scan# 3555

Delta R.T. -0.01 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Instrument :

BNA\_G

ClientSampleId :

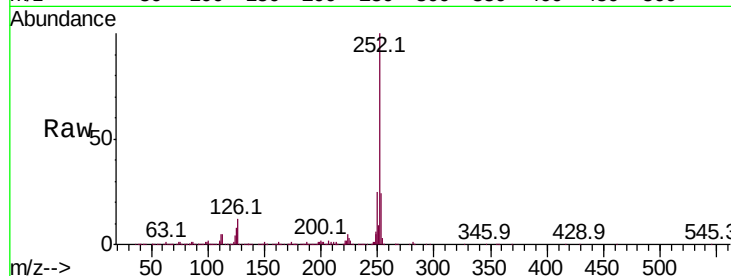
Tot Ion:252 Resp: 1725336

Ion Ratio Lower Upper

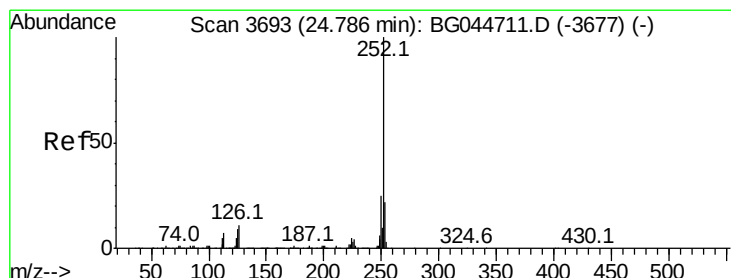
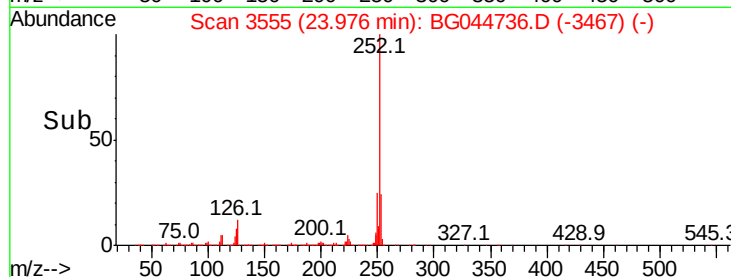
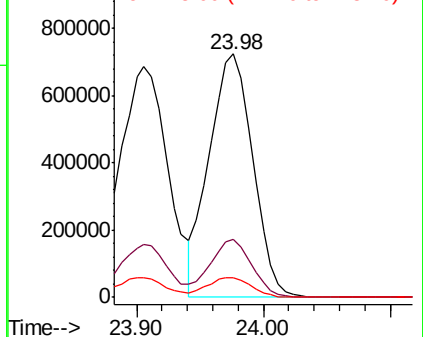
252 100

253 23.8 18.4 27.6

125 8.3 7.0 10.4



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: 48.341 ng

RT: 24.77 min Scan# 3690

Delta R.T. -0.02 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

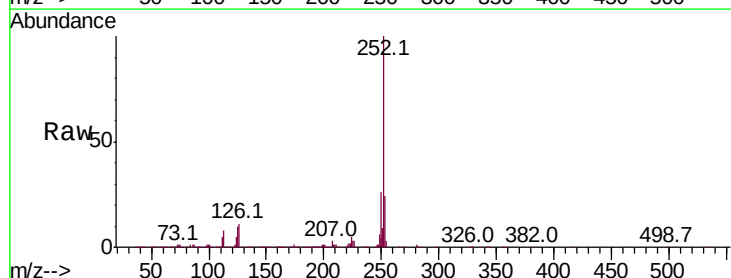
Tgt Ion:252 Resp: 1667636

Ion Ratio Lower Upper

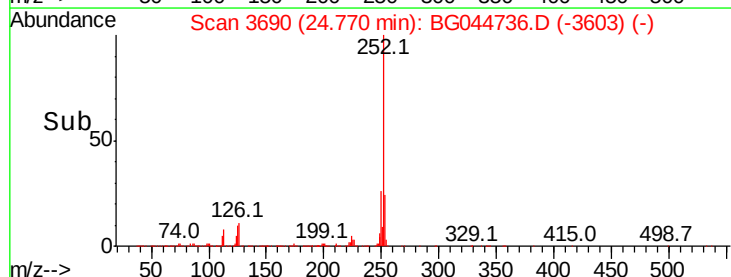
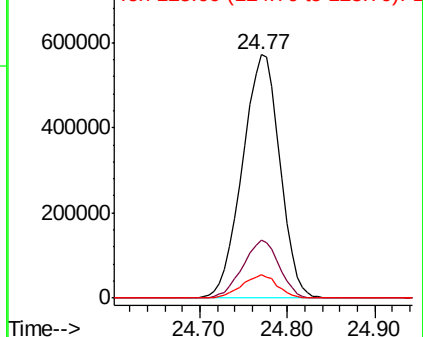
252 100

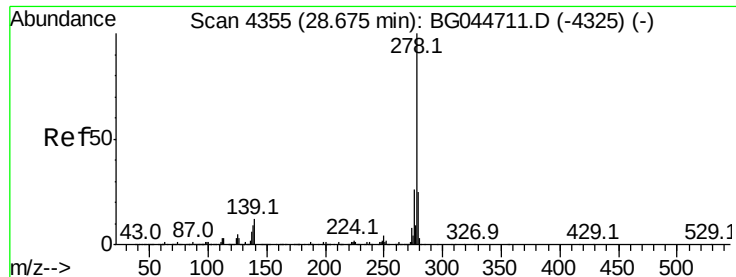
253 23.7 17.7 26.5

125 9.6 7.0 10.6



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

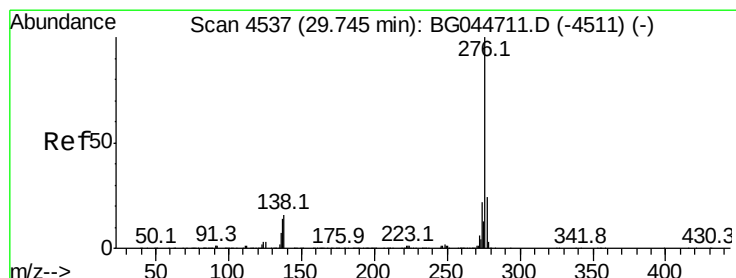
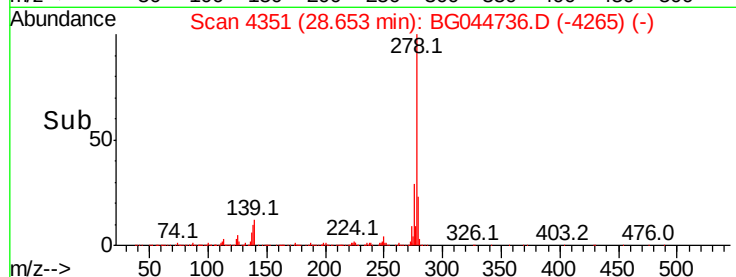
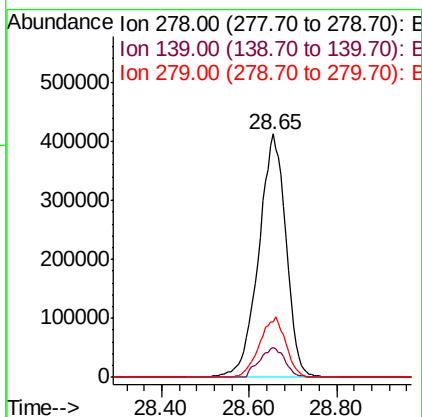
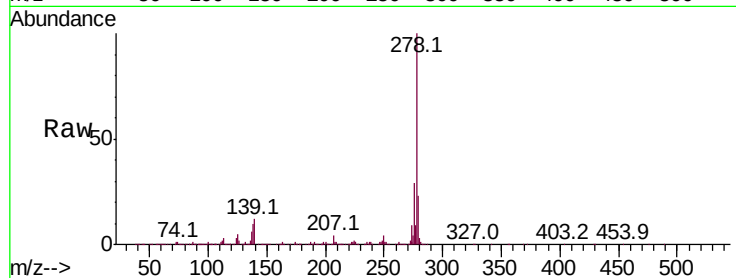




#91  
Dibenzo(a,h)anthracene  
Concen: 52.059 ng  
RT: 28.65 min Scan# 4351  
Delta R.T. -0.02 min  
Lab File: BG044736.D  
Acq: 12 Mar 2020 15:32

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:278 Resp: 1771772  
Ion Ratio Lower Upper  
278 100  
139 12.4 9.9 14.9  
279 22.7 20.2 30.4



#92  
Benzo(g,h,i)perylene  
Concen: 52.426 ng  
RT: 29.73 min Scan# 4534  
Delta R.T. -0.02 min  
Lab File: BG044736.D  
Acq: 12 Mar 2020 15:32

Tgt Ion:276 Resp: 1802663  
Ion Ratio Lower Upper  
276 100  
277 23.3 18.8 28.2  
138 16.7 13.0 19.4

