

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\  
 Data File : BG044800.D  
 Acq On : 14 Mar 2020 17:42  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Mar 16 07:19:28 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  | 120059   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.86 | 136  | 476966   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.69 | 164  | 319371   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.43 | 188  | 681160   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.70 | 240  | 574166   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 24.92 | 264  | 671432   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.62  | 112 | 564639  | 73.21 | ng | 0.00  |
| 7) Phenol-d6             | 7.21  | 99  | 810529  | 72.33 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 9.21  | 82  | 793537  | 73.01 | ng | 0.00  |
| 42) 2,4,6-Tribromophenol | 16.17 | 330 | 324720  | 77.65 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 13.31 | 172 | 1591038 | 71.34 | ng | 0.00  |
| 79) Terphenyl-d14        | 20.04 | 244 | 2239969 | 72.97 | ng | -0.01 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.53  | 88  | 122741 | 33.049 | ng | 97     |
| 3) Pyridine                    | 3.92  | 79  | 366984 | 33.378 | ng | 100    |
| 4) n-Nitrosodimethylamine      | 3.83  | 42  | 147395 | 35.333 | ng | 99     |
| 6) Aniline                     | 7.37  | 93  | 491851 | 35.275 | ng | 97     |
| 8) 2-Chlorophenol              | 7.62  | 128 | 283604 | 36.836 | ng | 99     |
| 9) Benzaldehyde                | 7.18  | 77  | 239157 | 33.436 | ng | 98     |
| 10) Phenol                     | 7.24  | 94  | 400204 | 36.074 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 7.47  | 93  | 306398 | 34.606 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 7.95  | 146 | 350007 | 36.905 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 8.09  | 146 | 350171 | 37.347 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.41  | 146 | 330562 | 37.173 | ng | 98     |
| 15) Benzyl Alcohol             | 8.28  | 79  | 315267 | 35.066 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.58  | 45  | 508702 | 32.558 | ng | 99     |
| 17) 2-Methylphenol             | 8.49  | 107 | 271152 | 36.083 | ng | 95     |
| 18) Hexachloroethane           | 9.15  | 117 | 131601 | 35.651 | ng | 92     |
| 19) n-Nitroso-di-n-propylamine | 8.86  | 70  | 260458 | 32.918 | ng | # 95   |
| 20) 3+4-Methylphenols          | 8.82  | 107 | 371374 | 35.850 | ng | 98     |
| 22) Acetophenone               | 8.87  | 105 | 465007 | 34.413 | ng | 99     |
| 24) Nitrobenzene               | 9.25  | 77  | 400662 | 35.525 | ng | 100    |
| 25) Isophorone                 | 9.78  | 82  | 704615 | 33.215 | ng | 98     |
| 26) 2-Nitrophenol              | 9.97  | 139 | 163121 | 42.389 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 10.03 | 122 | 245716 | 35.568 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 10.26 | 93  | 427184 | 33.742 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.50 | 162 | 303817 | 37.652 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.73 | 180 | 364288 | 37.757 | ng | 94     |
| 31) Naphthalene                | 10.91 | 128 | 944426 | 35.744 | ng | 99     |
| 32) Benzoic acid               | 10.16 | 122 | 208057 | 40.541 | ng | 91     |
| 33) 4-Chloroaniline            | 11.01 | 127 | 408272 | 34.297 | ng | 99     |
| 34) Hexachlorobutadiene        | 11.21 | 225 | 244988 | 38.612 | ng | 99     |
| 35) Caprolactam                | 11.78 | 113 | 104298 | 34.139 | ng | 87     |
| 36) 4-Chloro-3-methylphenol    | 12.13 | 107 | 344489 | 35.796 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.51 | 142 | 697555 | 35.294 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.74 | 142 | 651467 | 35.061 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.88 | 216 | 393615 | 37.424 | ng | 99     |

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 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

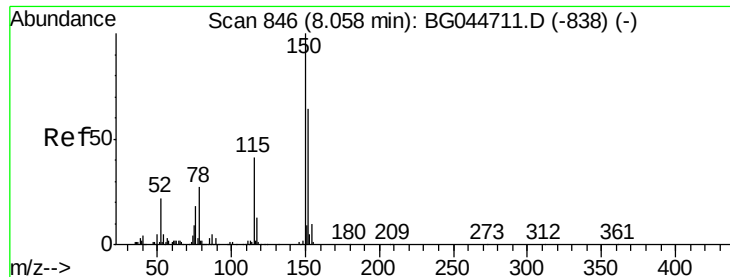
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Mar 16 07:19:28 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  | 12.87 | 237  | 64784    | 11.271 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.12 | 196  | 270215   | 38.712 | nq    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.19 | 196  | 271931   | 37.565 | nq    | 97       |
| 46) 1,1'-Biphenyl              | 13.52 | 154  | 907486   | 35.557 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 13.56 | 162  | 699436   | 35.875 | nq    | 98       |
| 48) 2-Nitroaniline             | 13.75 | 65   | 256208   | 37.536 | nq    | 93       |
| 49) Acenaphthylene             | 14.40 | 152  | 1074303  | 35.172 | nq    | 99       |
| 50) Dimethylphthalate          | 14.14 | 163  | 869573   | 34.186 | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.25 | 165  | 196772   | 38.378 | nq    | 93       |
| 52) Acenaphthene               | 14.75 | 154  | 679110   | 33.950 | nq    | 98       |
| 53) 3-Nitroaniline             | 14.57 | 138  | 220136   | 37.345 | nq    | 97       |
| 54) 2,4-Dinitrophenol          | 14.78 | 184  | 30370    | 18.479 | nq    | # 82     |
| 55) Dibenzofuran               | 15.09 | 168  | 1025474  | 35.352 | nq    | 98       |
| 56) 4-Nitrophenol              | 14.87 | 139  | 160448   | 35.665 | nq    | 96       |
| 57) 2,4-Dinitrotoluene         | 15.03 | 165  | 274062   | 38.974 | nq    | 94       |
| 58) Fluorene                   | 15.73 | 166  | 837475   | 35.097 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.31 | 232  | 255275   | 38.303 | nq    | 94       |
| 60) Diethylphthalate           | 15.50 | 149  | 896868   | 33.806 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.73 | 204  | 461893   | 35.949 | nq    | 96       |
| 62) 4-Nitroaniline             | 15.74 | 138  | 222977   | 35.474 | nq    | 96       |
| 63) Azobenzene                 | 16.02 | 77   | 931761   | 33.820 | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.80 | 198  | 48984    | 20.549 | nq    | 95       |
| 66) n-Nitrosodiphenylamine     | 15.94 | 169  | 743049   | 36.233 | nq    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.62 | 248  | 319451   | 37.514 | nq    | 96       |
| 68) Hexachlorobenzene          | 16.74 | 284  | 350053   | 37.891 | nq    | 98       |
| 69) Atrazine                   | 16.88 | 200  | 274875   | 36.584 | nq    | 99       |
| 70) Pentachlorophenol          | 17.08 | 266  | 202288   | 39.796 | nq    | 96       |
| 71) Phenanthrene               | 17.48 | 178  | 1306055  | 35.881 | nq    | 99       |
| 72) Anthracene                 | 17.57 | 178  | 1303023  | 36.303 | nq    | 99       |
| 73) Carbazole                  | 17.82 | 167  | 1228533  | 35.633 | nq    | 98       |
| 74) Di-n-butylphthalate        | 18.40 | 149  | 1516558  | 36.185 | nq    | 99       |
| 75) Fluoranthene               | 19.48 | 202  | 1572188  | 36.275 | nq    | 98       |
| 77) Benzidine                  | 19.65 | 184  | 775361   | 41.597 | nq    | 98       |
| 78) Pyrene                     | 19.84 | 202  | 1570352  | 37.279 | nq    | 99       |
| 80) Butylbenzylphthalate       | 20.73 | 149  | 708120   | 37.786 | nq    | 98       |
| 81) Benzo(a)anthracene         | 21.68 | 228  | 1509102  | 36.501 | nq    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.60 | 252  | 600759   | 37.560 | nq    | 96       |
| 83) Chrysene                   | 21.75 | 228  | 1453023  | 36.792 | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.61 | 149  | 953164   | 36.853 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 22.83 | 149  | 1601233  | 36.996 | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.57 | 276  | 1749553  | 33.791 | nq    | 92       |
| 88) Benzo(b)fluoranthene       | 23.91 | 252  | 1594035  | 35.961 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 23.97 | 252  | 1534828  | 36.589 | nq    | 99       |
| 90) Benzo(a)pyrene             | 24.77 | 252  | 1502286  | 36.220 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.65 | 278  | 1413972  | 34.555 | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 29.71 | 276  | 1285788  | 31.102 | nq    | 97       |

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



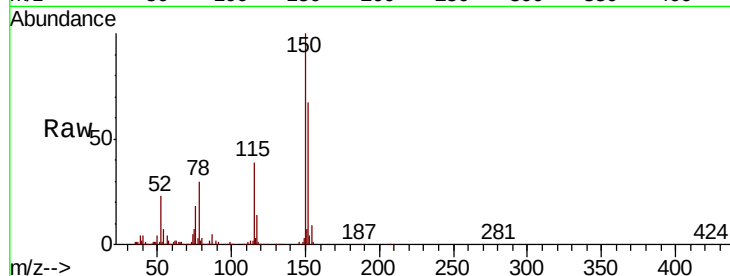


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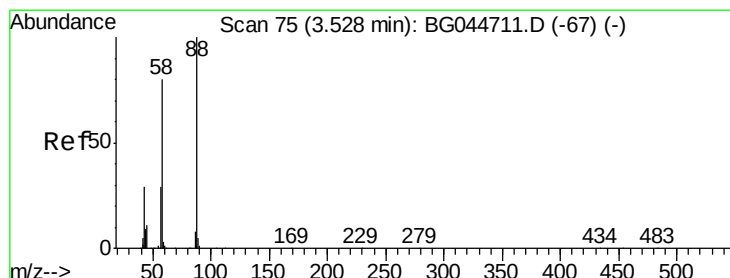
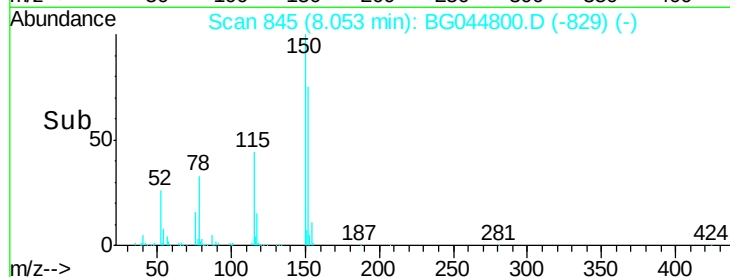
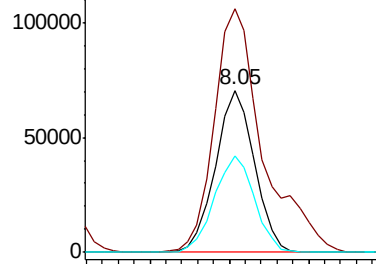
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.05 min Scan# 845  
Delta R.T. -0.01 min  
Lab File: BG044800.D  
Acq: 14 Mar 2020 17:42

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 150.4 | 125.3 | 187.9 |
| 115     | 59.2  | 51.7  | 77.5  |



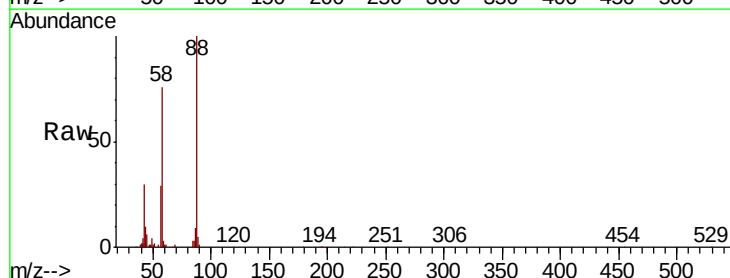
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



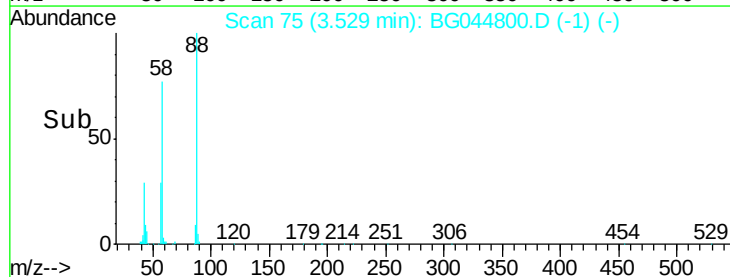
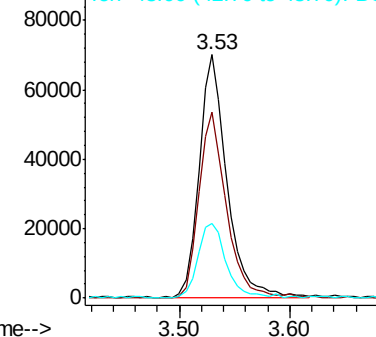
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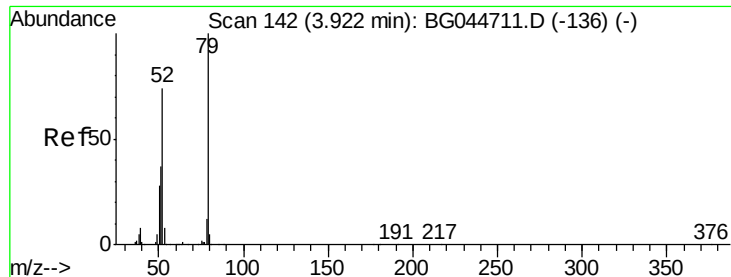
1,4-Dioxane  
Concen: 33.049 ng  
RT: 3.53 min Scan# 75  
Delta R.T. 0.00 min  
Lab File: BG044800.D  
Acq: 14 Mar 2020 17:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 77.0  | 63.0  | 94.4  |
| 43      | 31.3  | 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: 33.378 ng

RT: 3.92 min Scan# 142

Delta R.T. 0.00 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

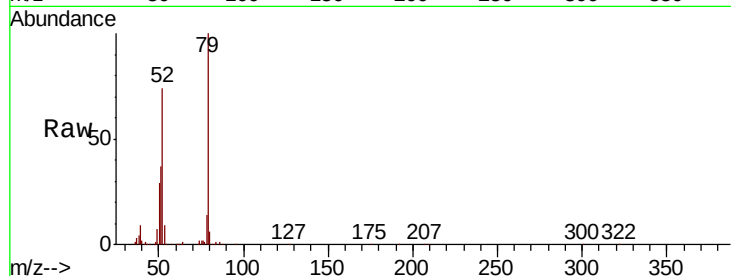
Tot Ion: 79 Resp: 366984

Ion Ratio Lower Upper

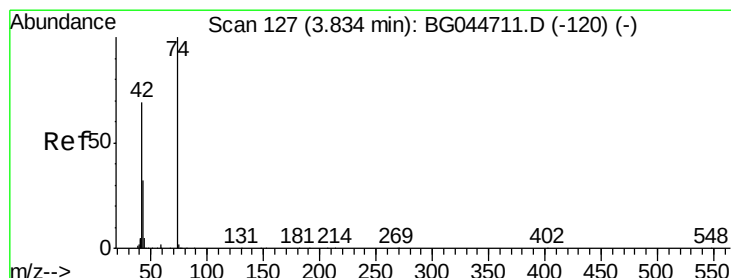
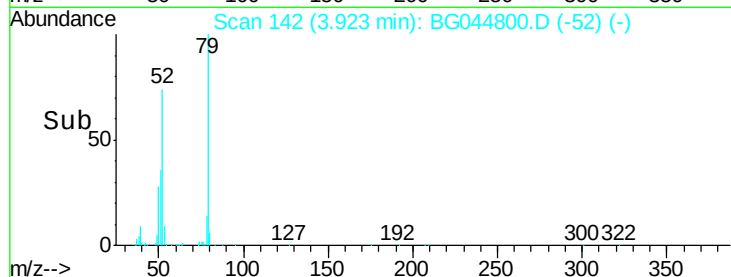
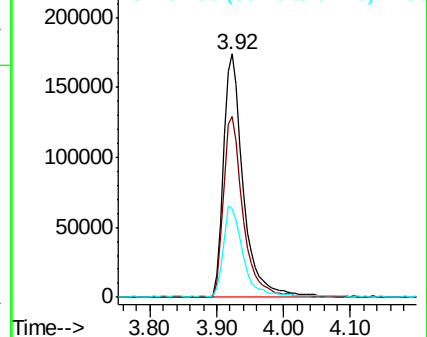
79 100

52 74.3 59.4 89.2

51 36.6 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: 35.333 ng

RT: 3.83 min Scan# 127

Delta R.T. 0.00 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

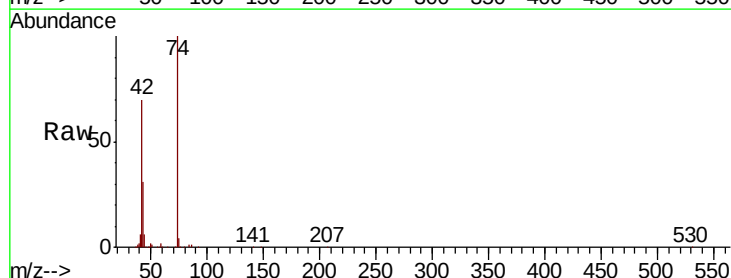
Tgt Ion: 42 Resp: 147395

Ion Ratio Lower Upper

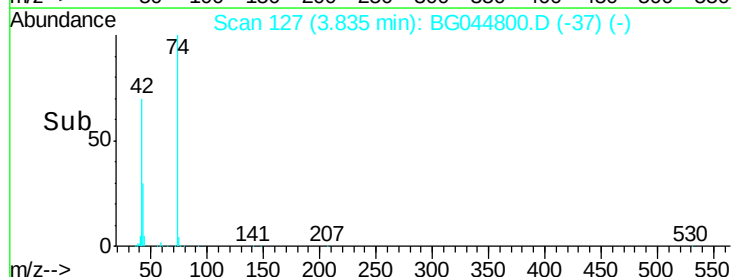
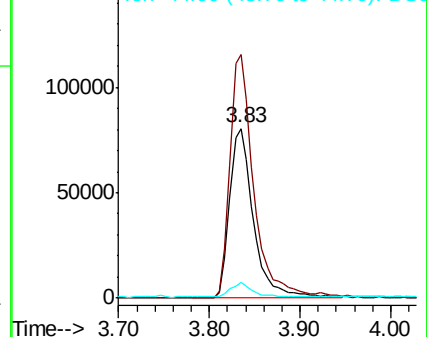
42 100

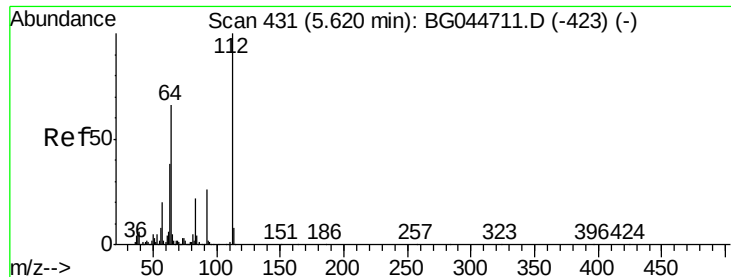
74 143.6 116.1 174.1

44 8.9 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: 73.211 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

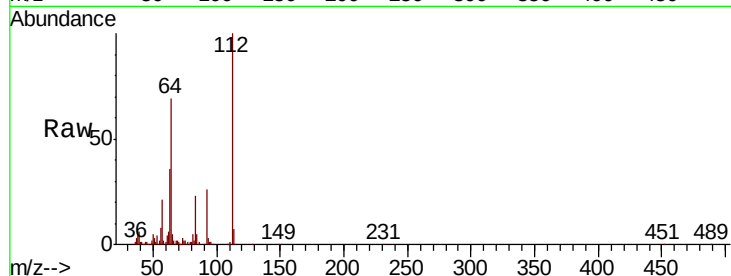
Tot Ion:112 Resp: 564639

Ion Ratio Lower Upper

112 100

64 69.1 52.6 78.8

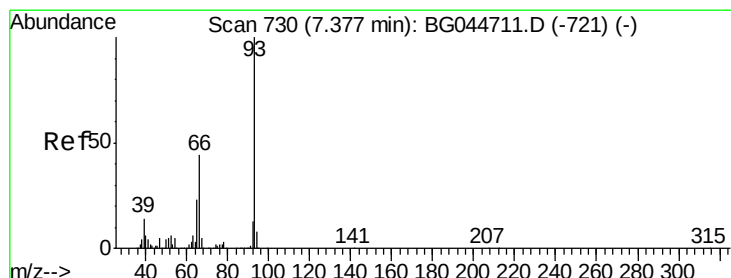
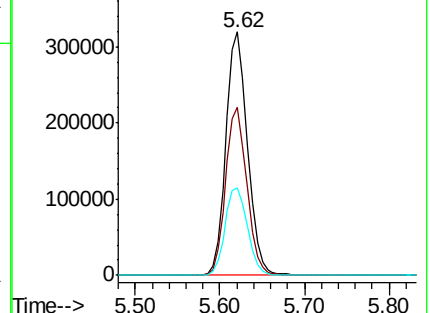
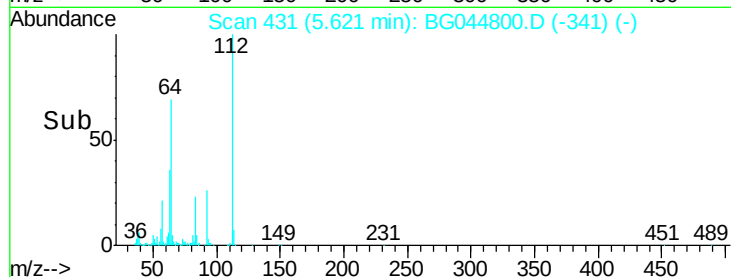
63 35.8 30.2 45.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 35.275 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

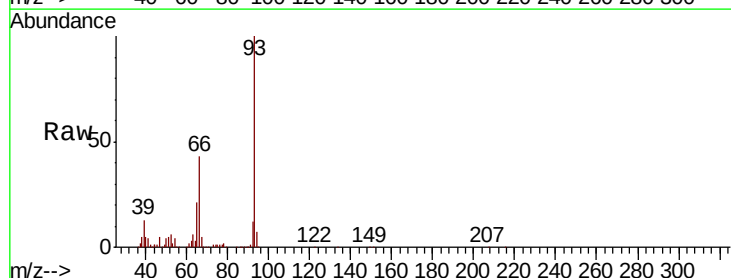
Tgt Ion: 93 Resp: 491851

Ion Ratio Lower Upper

93 100

66 42.7 35.3 52.9

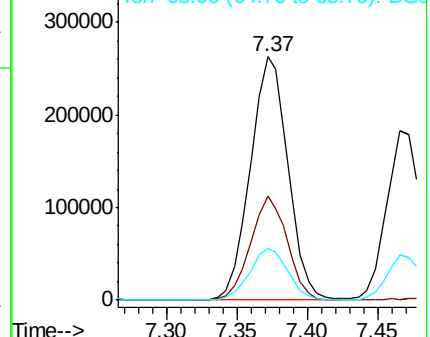
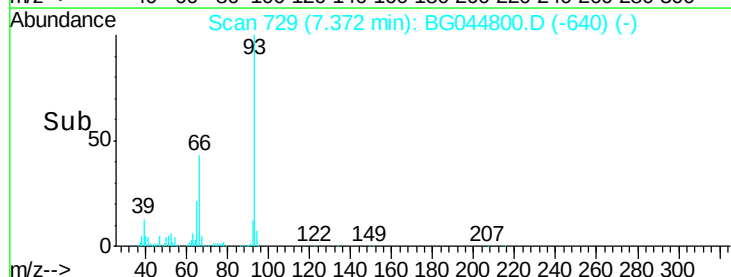
65 21.0 18.2 27.4

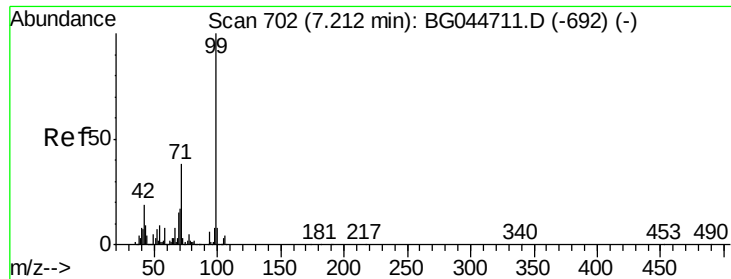


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 72.332 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

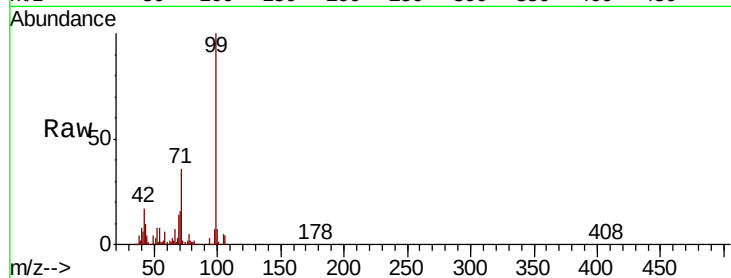
Tot Ion: 99 Resp: 810529

Ion Ratio Lower Upper

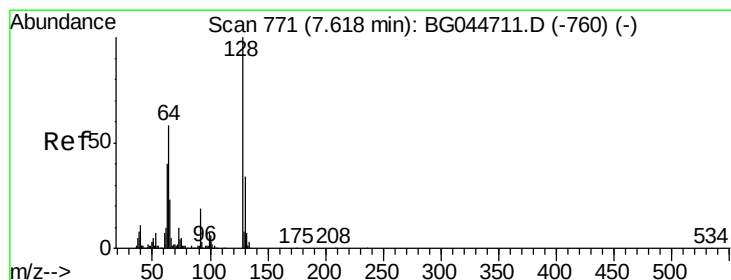
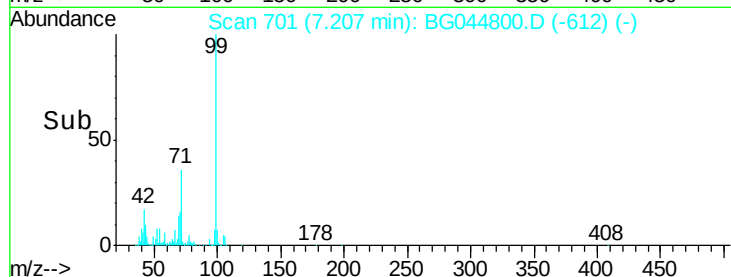
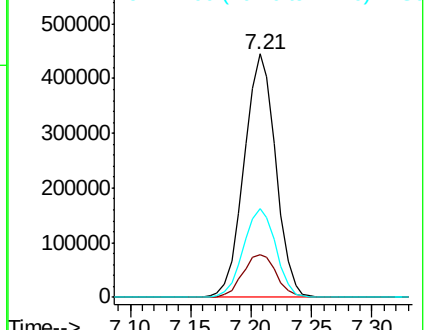
99 100

42 17.4 15.4 23.0

71 36.4 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



#8

2-Chlorophenol

Concen: 36.836 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

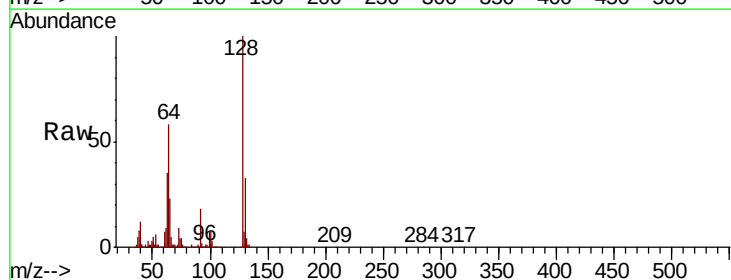
Tgt Ion:128 Resp: 283604

Ion Ratio Lower Upper

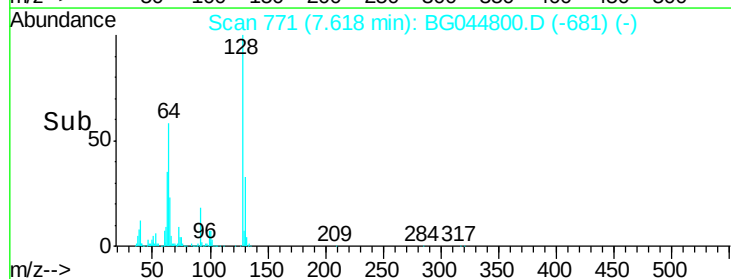
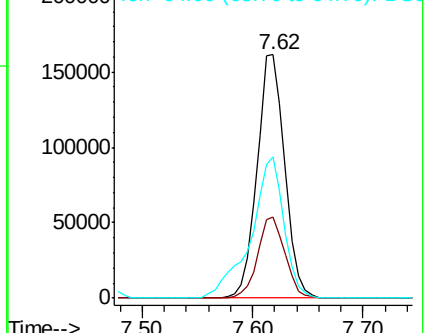
128 100

130 33.2 13.6 53.6

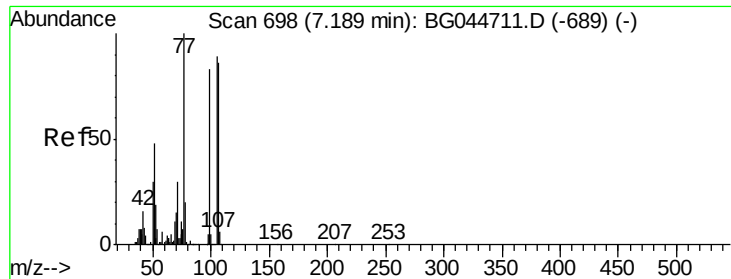
64 57.9 38.6 78.6



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







#9

Benzaldehyde

Concen: 33.436 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

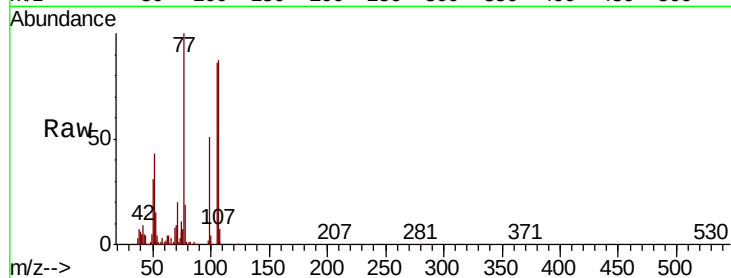
Tot Ion: 77 Resp: 239157

Ion Ratio Lower Upper

77 100

105 86.5 68.6 108.6

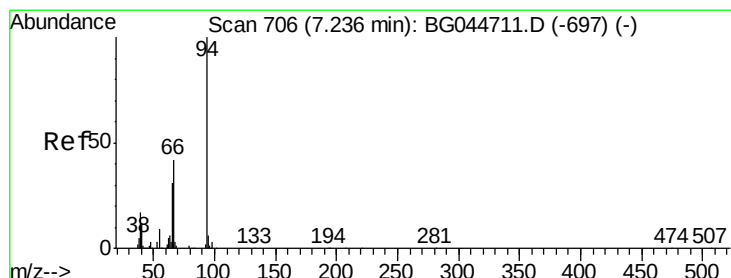
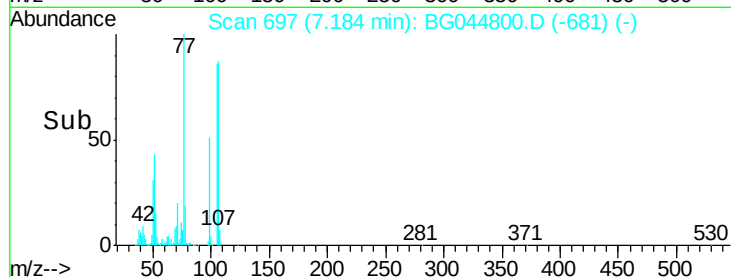
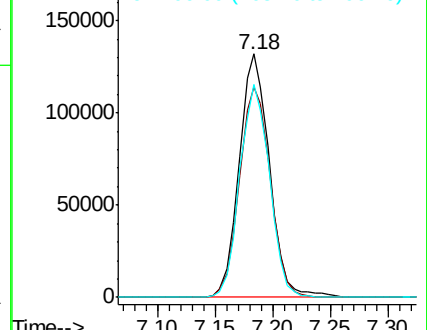
106 87.2 65.9 105.9



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: 36.074 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

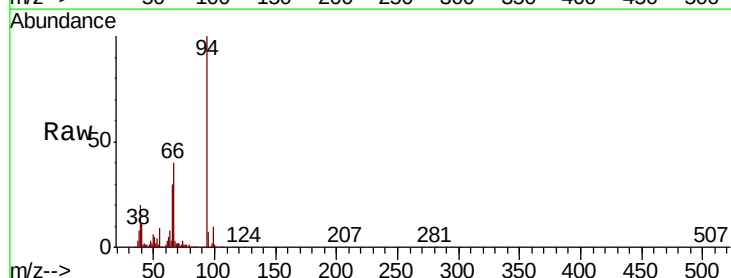
Tgt Ion: 94 Resp: 400204

Ion Ratio Lower Upper

94 100

65 30.3 11.3 51.3

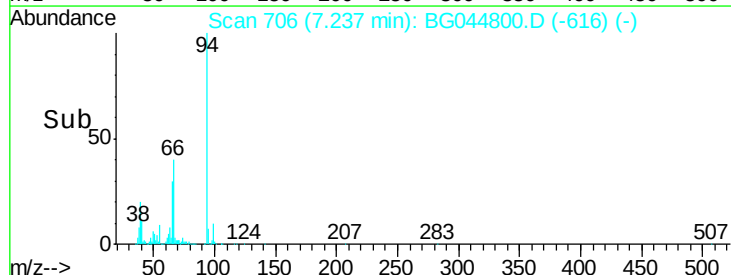
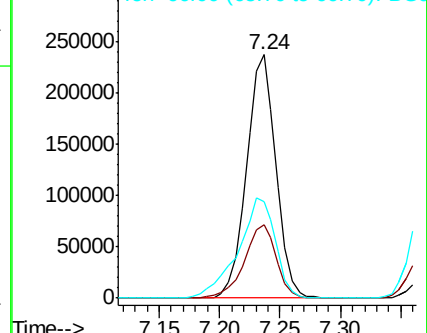
66 39.8 22.9 62.9



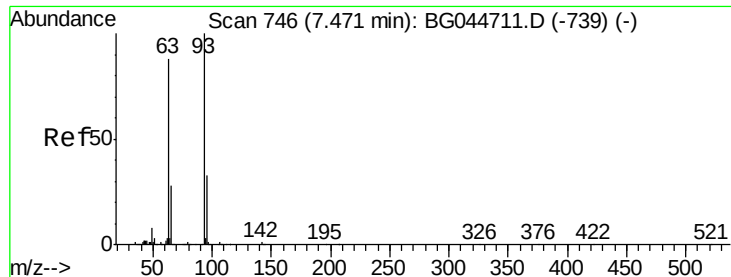
Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



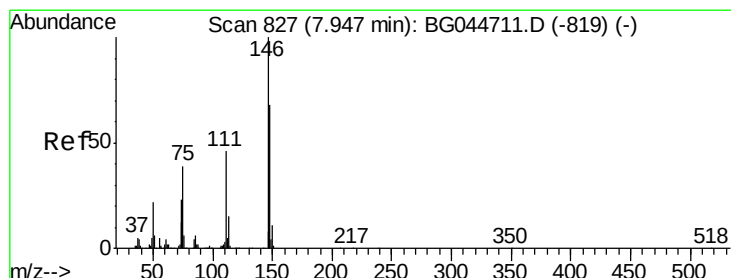
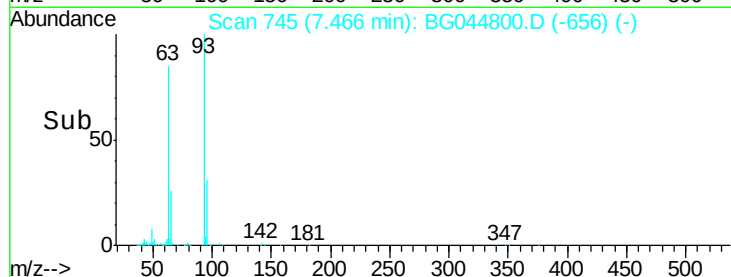
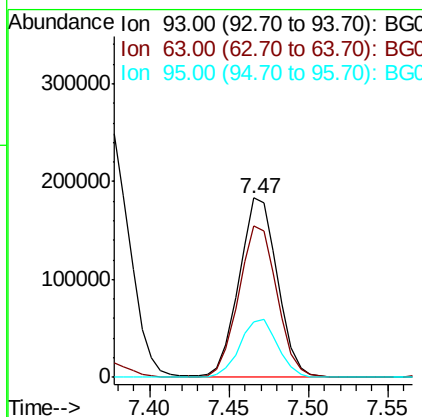
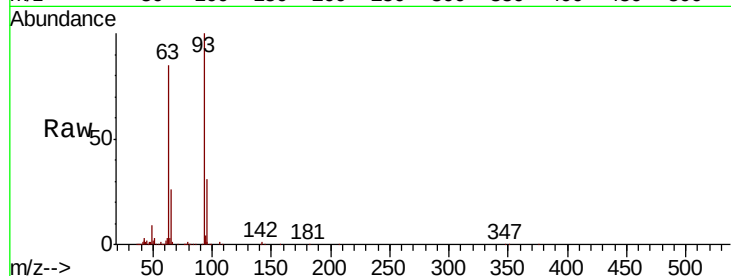




#11  
bis(2-Chloroethyl)ether  
Concen: 34.606 ng  
RT: 7.47 min Scan# 745  
Delta R.T. -0.01 min  
Lab File: BG044800.D  
Acq: 14 Mar 2020 17:42

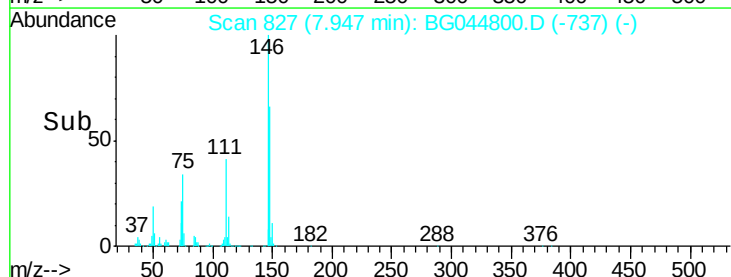
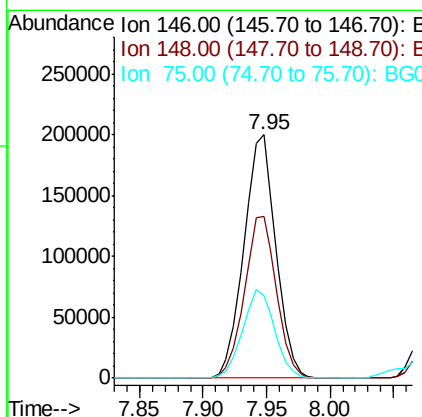
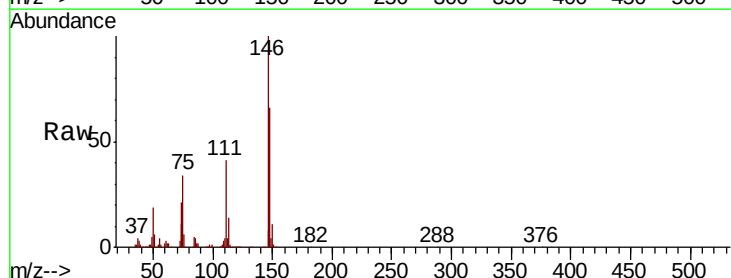
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

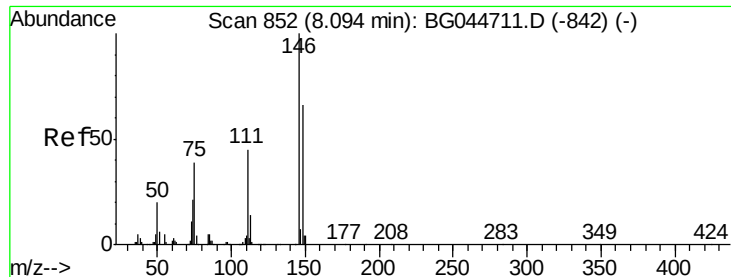
| Tot Ion   | 93    | Resp  | 306398 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 84.7  | 68.1  | 108.1  |
| 95        | 30.9  | 12.4  | 52.4   |



#12  
1,3-Dichlorobenzene  
Concen: 36.905 ng  
RT: 7.95 min Scan# 827  
Delta R.T. 0.00 min  
Lab File: BG044800.D  
Acq: 14 Mar 2020 17:42

| Tgt Ion   | 146   | Resp  | 350007 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 66.5  | 54.2  | 81.2   |
| 75        | 34.0  | 31.3  | 46.9   |

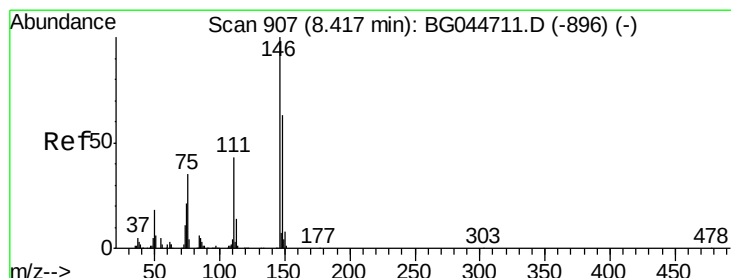
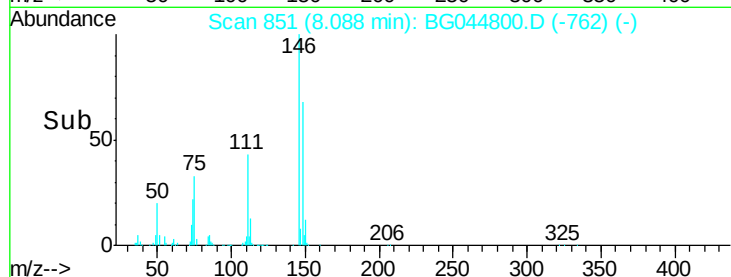
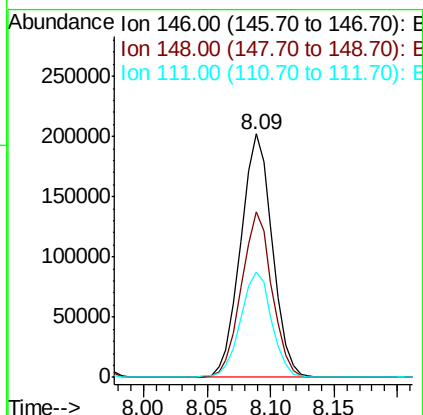
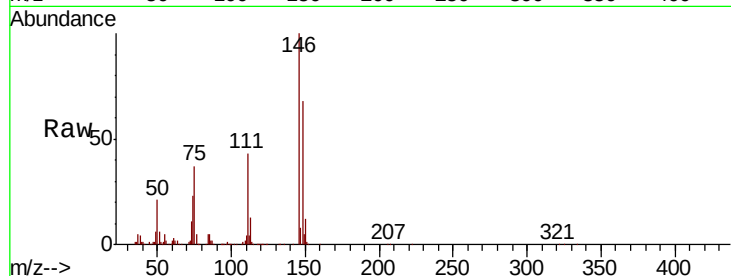




#13  
1,4-Dichlorobenzene  
Concen: 37.347 ng  
RT: 8.09 min Scan# 851  
Delta R.T. -0.01 min  
Lab File: BG044800.D  
Acq: 14 Mar 2020 17:42

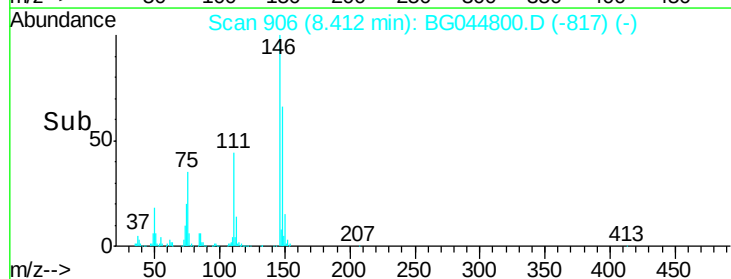
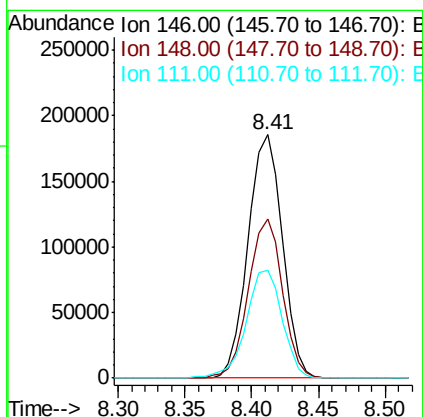
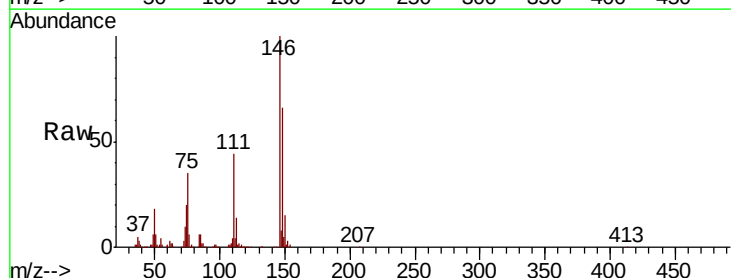
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

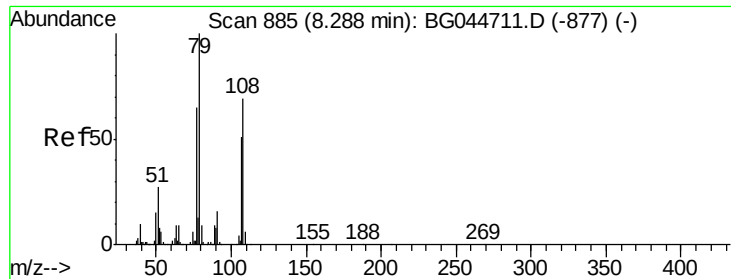
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 67.8  | 52.9  | 79.3  |
| 111     | 43.1  | 35.6  | 53.4  |



#14  
1,2-Dichlorobenzene  
Concen: 37.173 ng  
RT: 8.41 min Scan# 906  
Delta R.T. -0.01 min  
Lab File: BG044800.D  
Acq: 14 Mar 2020 17:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.6  | 50.8  | 76.2  |
| 111     | 44.5  | 34.8  | 52.2  |





#15

Benzyl Alcohol

Concen: 35.066 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.01 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

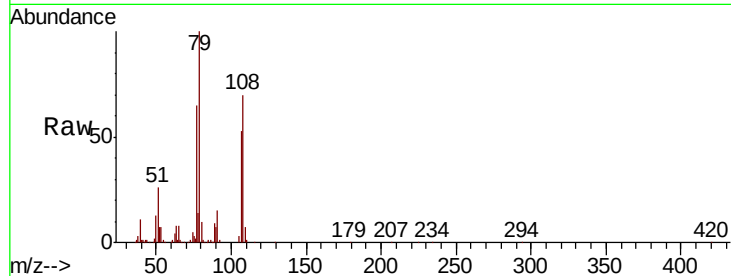
Tot Ion: 79 Resp: 315267

Ion Ratio Lower Upper

79 100

108 70.5 55.4 83.0

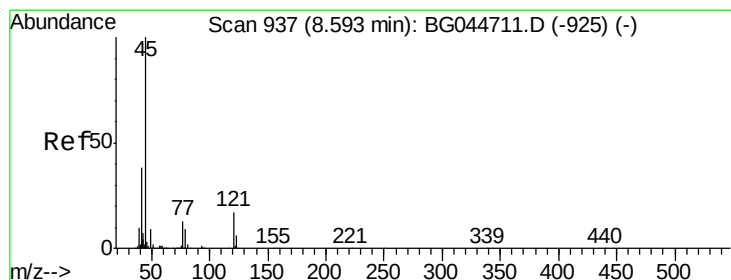
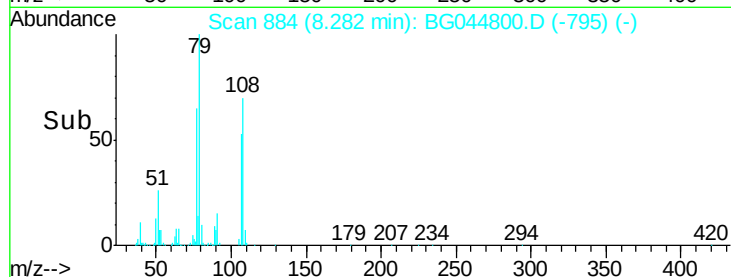
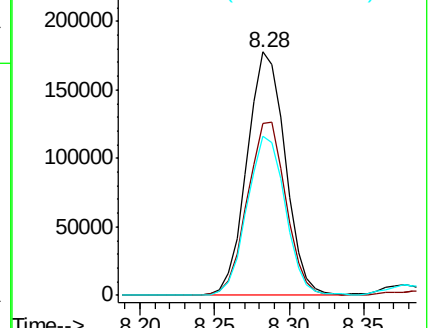
77 65.4 52.2 78.4



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: 32.558 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.01 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

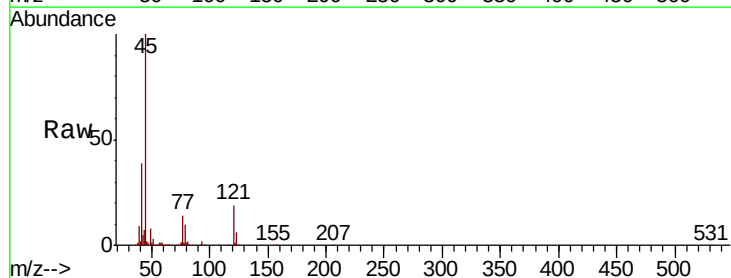
Tgt Ion: 45 Resp: 508702

Ion Ratio Lower Upper

45 100

77 13.7 0.0 33.4

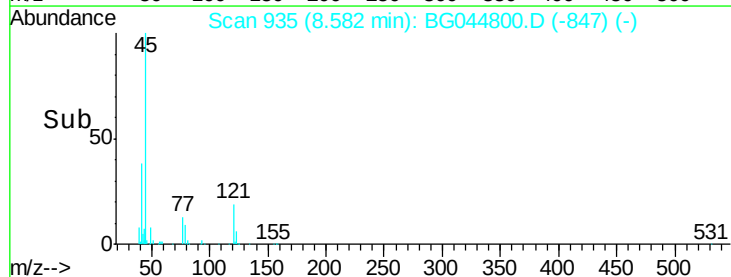
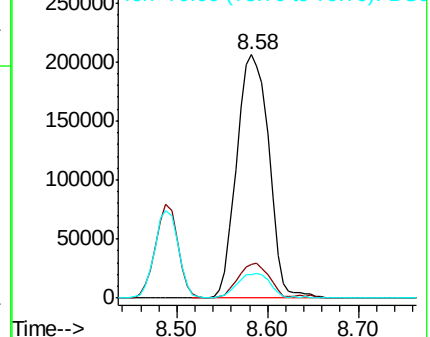
79 9.8 0.0 30.0

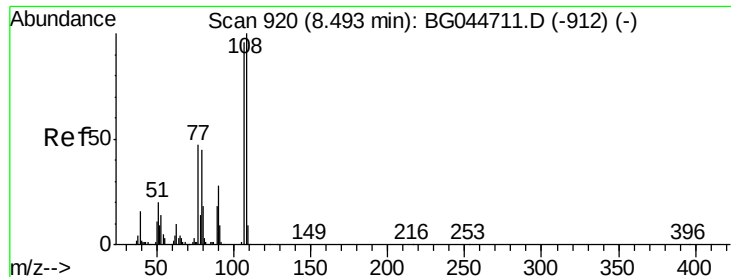


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 36.083 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 271152

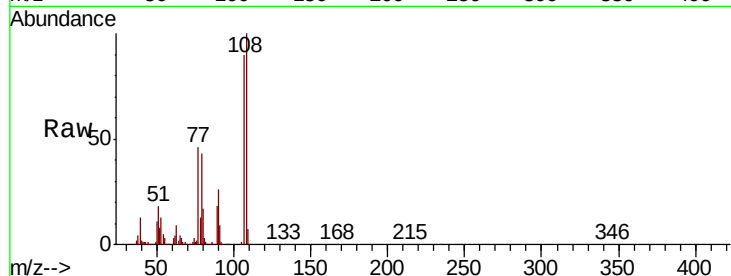
Ion Ratio Lower Upper

107 100

108 110.8 83.2 124.8

77 51.0 39.0 58.6

79 48.0 37.6 56.4

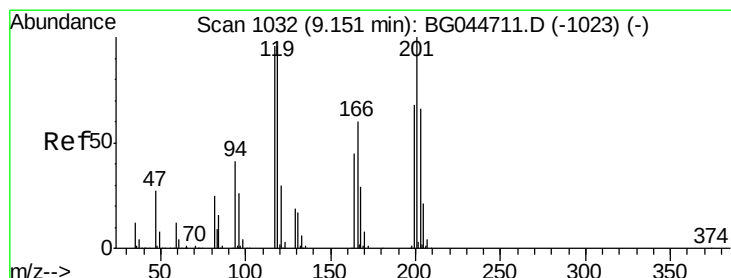
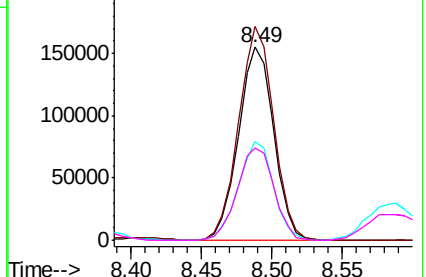
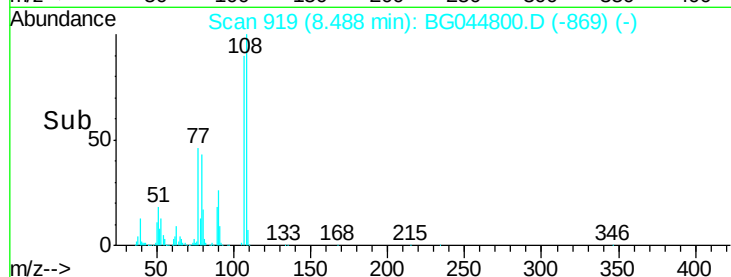


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 35.651 ng

RT: 9.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

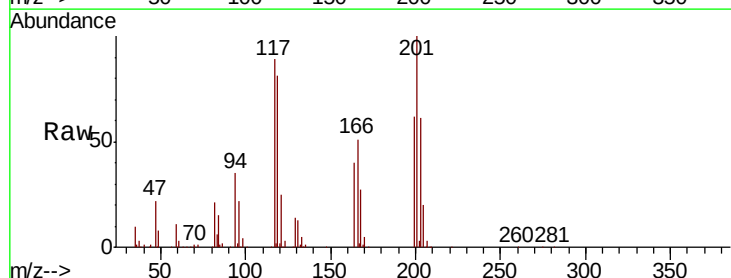
Tgt Ion:117 Resp: 131601

Ion Ratio Lower Upper

117 100

119 91.2 80.2 120.4

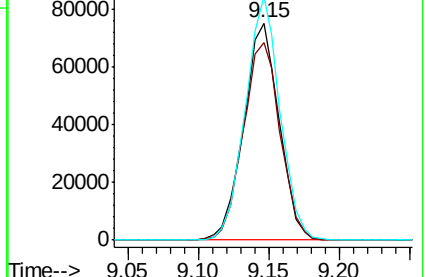
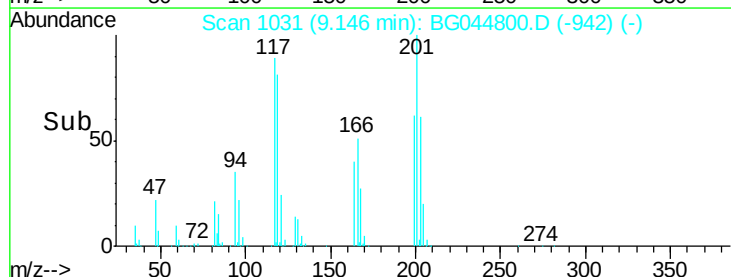
201 112.2 83.4 125.2

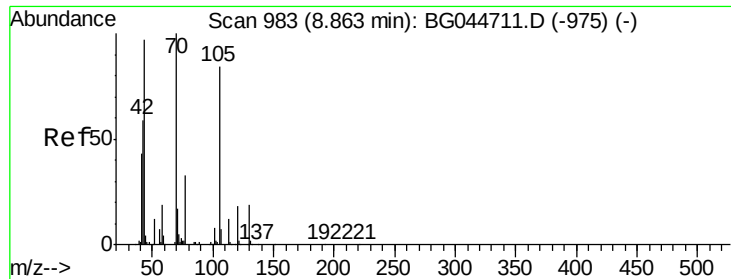


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

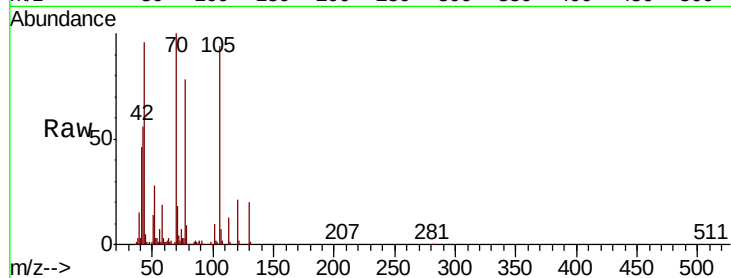




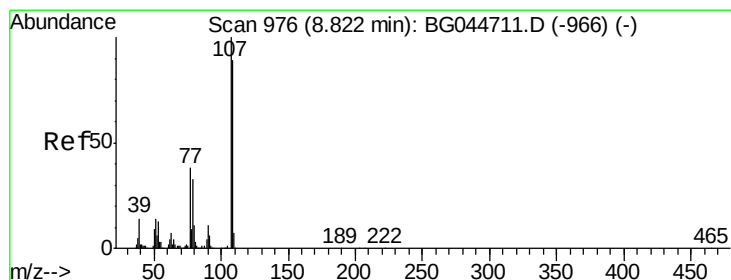
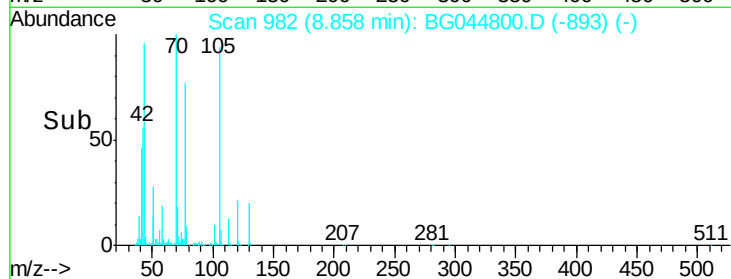
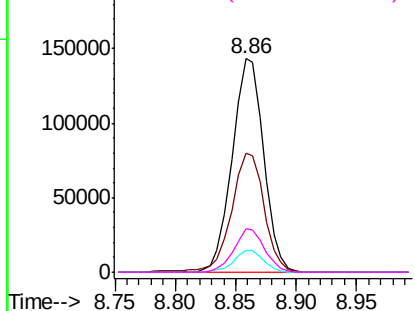
#19  
n-Nitroso-di-n-propylamine  
Concen: 32.918 ng  
RT: 8.86 min Scan# 982  
Delta R.T. -0.01 min  
Lab File: BG044800.D  
Acq: 14 Mar 2020 17:42

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion: 70 Resp: 260458  
Ion Ratio Lower Upper  
70 100  
42 55.9 47.6 71.4  
101 10.1 6.5 9.7#  
130 20.3 15.0 22.4

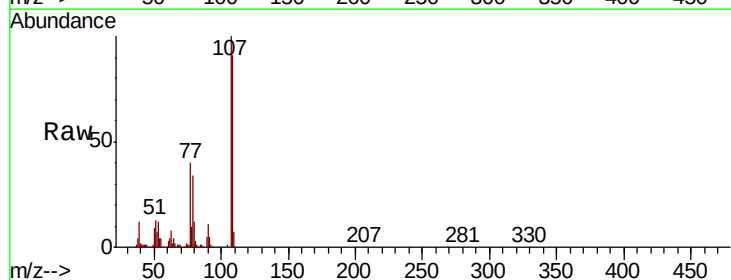


Abundance Ion 70.00 (69.70 to 70.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 101.00 (100.70 to 101.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC

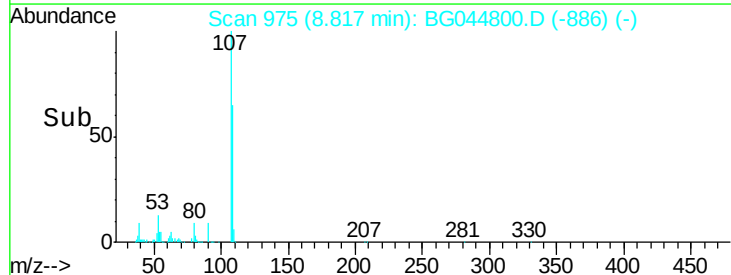
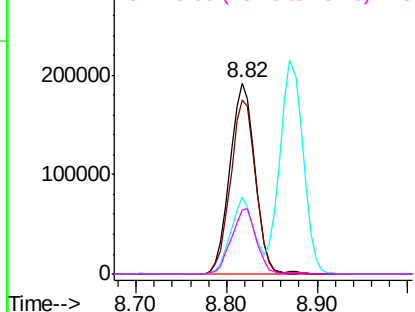


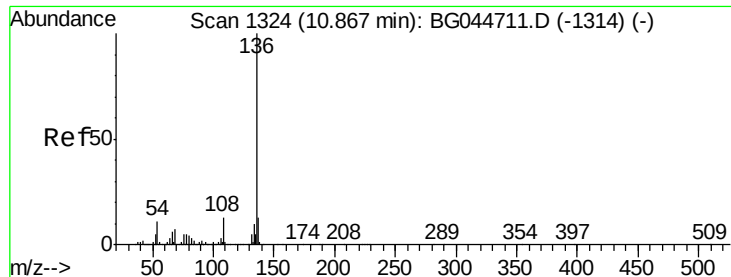
#20  
3+4-Methylphenols  
Concen: 35.850 ng  
RT: 8.82 min Scan# 975  
Delta R.T. -0.01 min  
Lab File: BG044800.D  
Acq: 14 Mar 2020 17:42

Tgt Ion: 107 Resp: 371374  
Ion Ratio Lower Upper  
107 100  
108 91.1 69.1 109.1  
77 39.9 17.7 57.7  
79 33.8 13.0 53.0



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

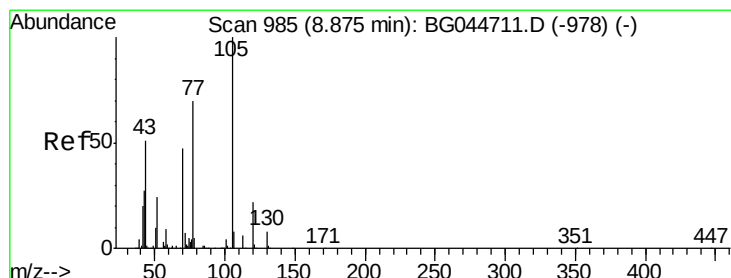
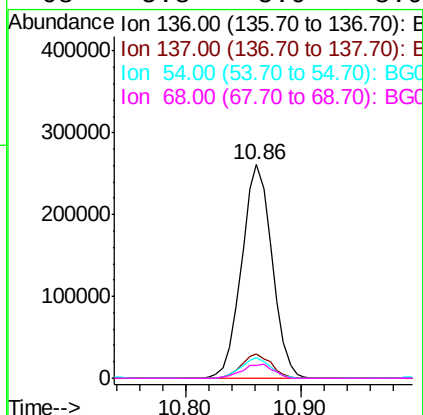
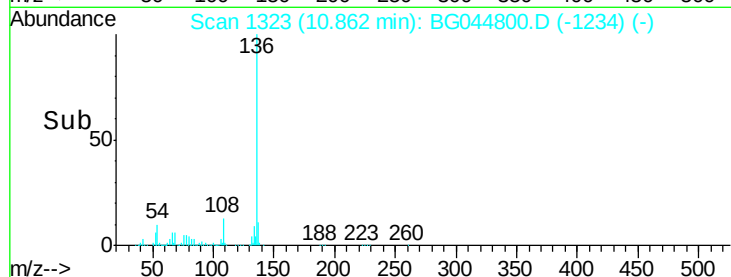
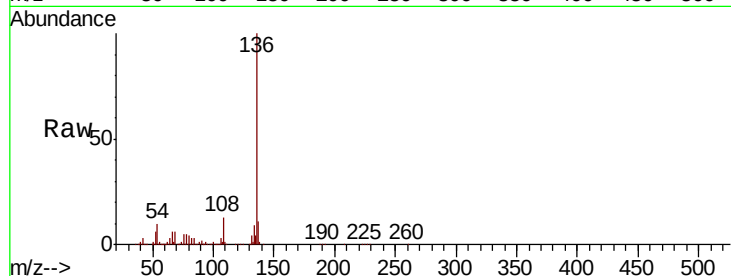




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.86 min Scan# 1323  
Delta R.T. -0.01 min  
Lab File: BG044800.D  
Acq: 14 Mar 2020 17:42

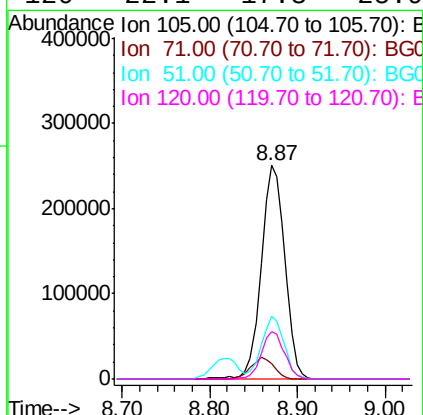
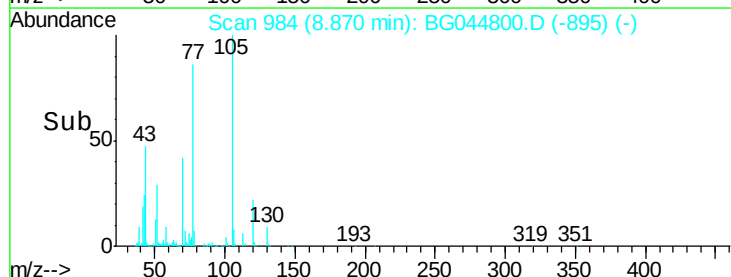
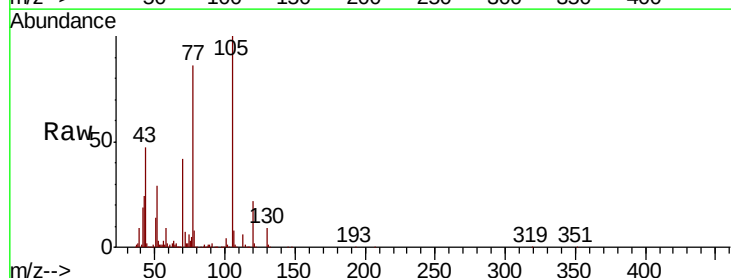
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

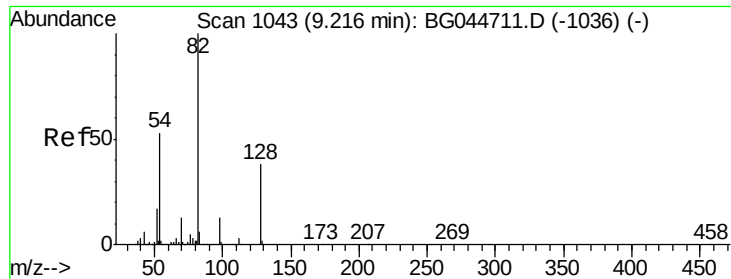
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:136 | Resp: | 476966    |
| Ion Ratio   | Lower | Upper     |
| 136         | 100   |           |
| 137         | 11.2  | 10.7 16.1 |
| 54          | 9.6   | 9.0 13.4  |
| 68          | 5.8   | 5.9 8.9#  |



#22  
Acetophenone  
Concen: 34.413 ng  
RT: 8.87 min Scan# 984  
Delta R.T. -0.01 min  
Lab File: BG044800.D  
Acq: 14 Mar 2020 17:42

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 465007    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 6.9   | 5.8 8.8   |
| 51          | 29.4  | 23.8 35.8 |
| 120         | 22.1  | 17.3 25.9 |

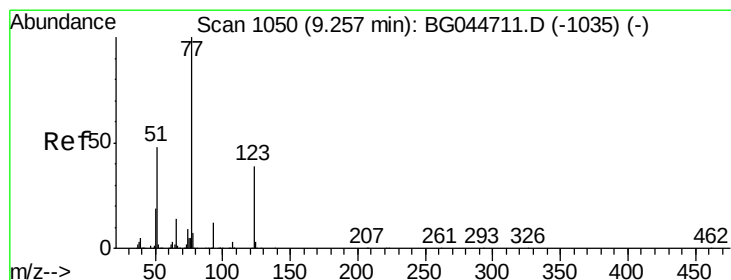
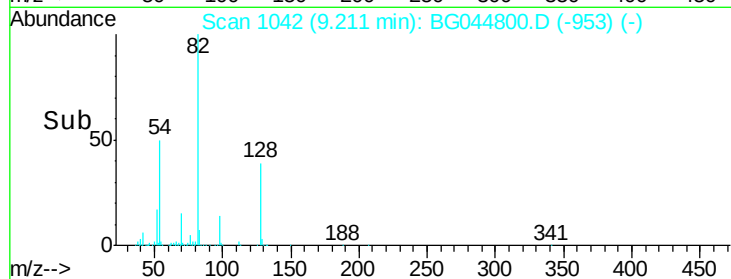
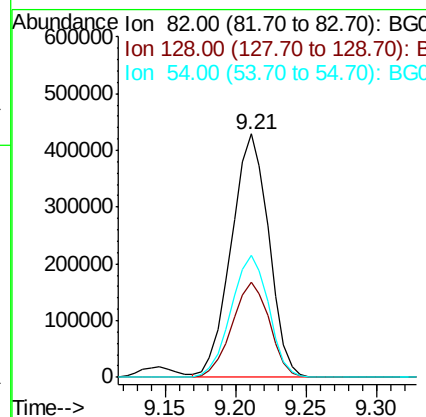
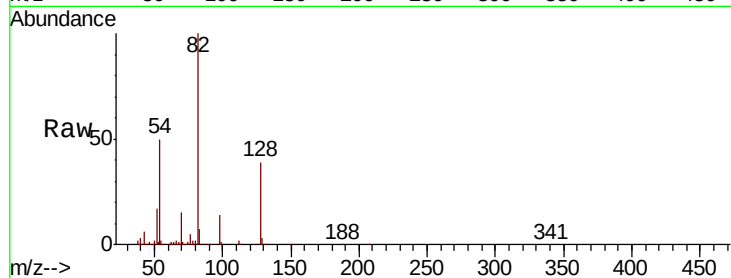




#23  
 Nitrobenzene-d5  
 Concen: 73.006 ng  
 RT: 9.21 min Scan# 1042  
 Delta R.T. -0.01 min  
 Lab File: BG044800.D  
 Acq: 14 Mar 2020 17:42

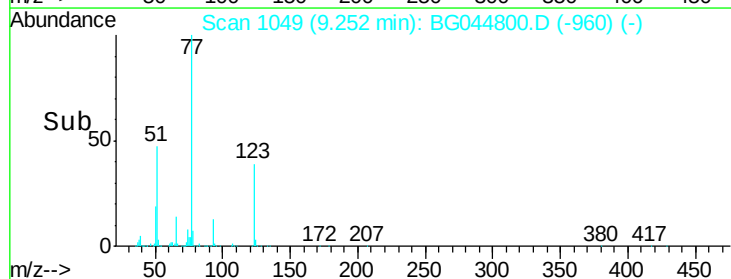
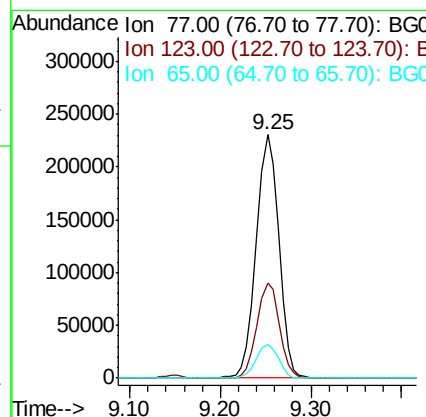
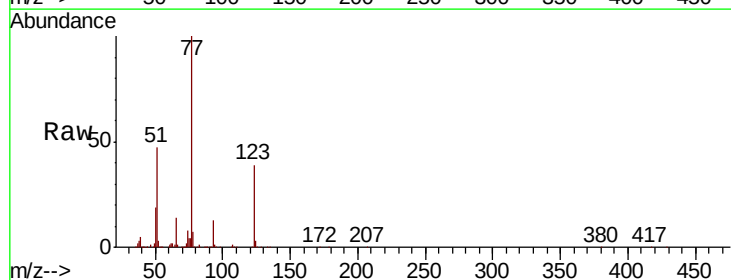
Instrument :  
 BNA\_G  
 ClientSampleID :  
 SSTDCCC040

| Tot Ion   | 82    | Resp  | 793537 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 38.9  | 30.2  | 45.2   |
| 54        | 50.0  | 41.8  | 62.8   |

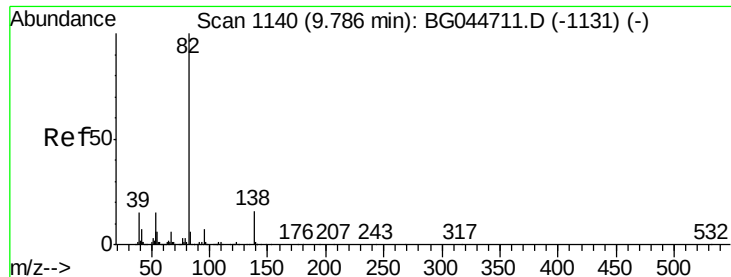


#24  
 Nitrobenzene  
 Concen: 35.525 ng  
 RT: 9.25 min Scan# 1049  
 Delta R.T. -0.01 min  
 Lab File: BG044800.D  
 Acq: 14 Mar 2020 17:42

| Tgt Ion   | 77    | Resp  | 400662 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 39.1  | 31.5  | 47.3   |
| 65        | 13.7  | 11.0  | 16.4   |







#25

Isophorone

Concen: 33.215 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

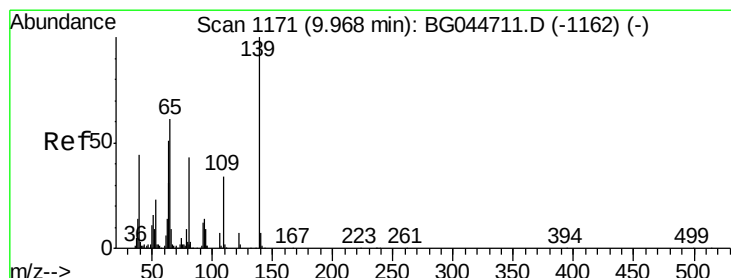
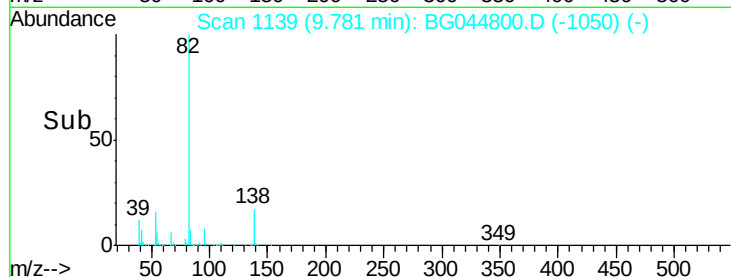
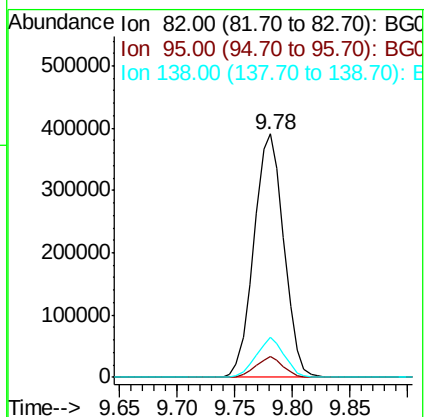
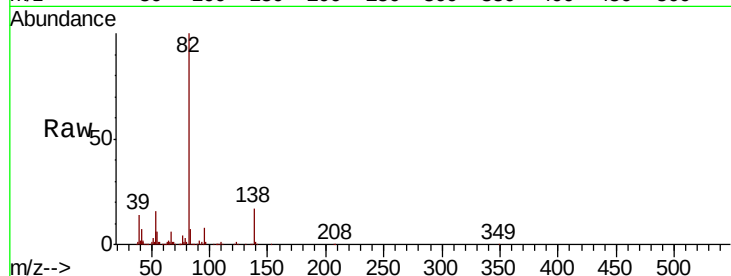
Tot Ion: 82 Resp: 704615

Ion Ratio Lower Upper

82 100

95 8.4 5.6 8.4

138 16.7 13.0 19.4



#26

2-Nitrophenol

Concen: 42.389 ng

RT: 9.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

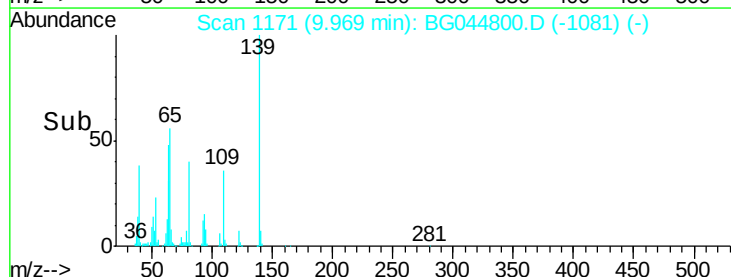
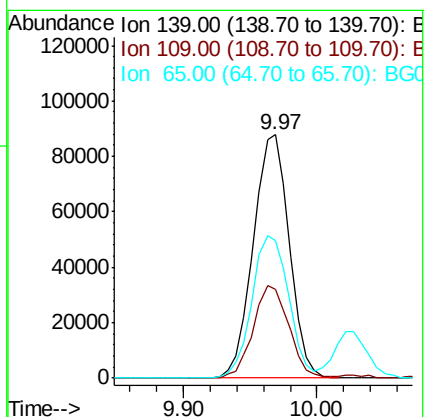
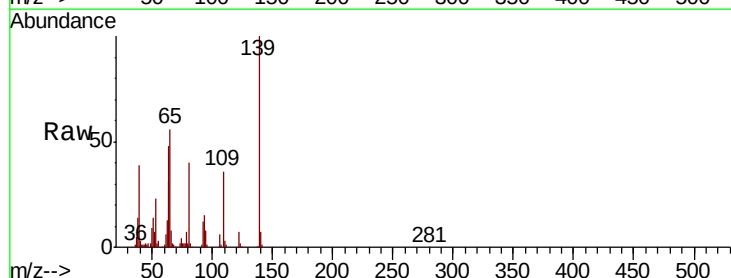
Tgt Ion: 139 Resp: 163121

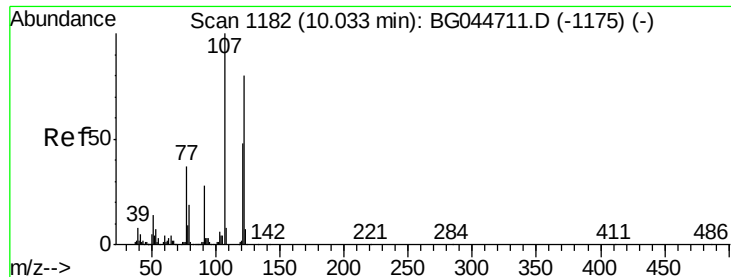
Ion Ratio Lower Upper

139 100

109 36.3 27.0 40.4

65 56.3 48.6 73.0

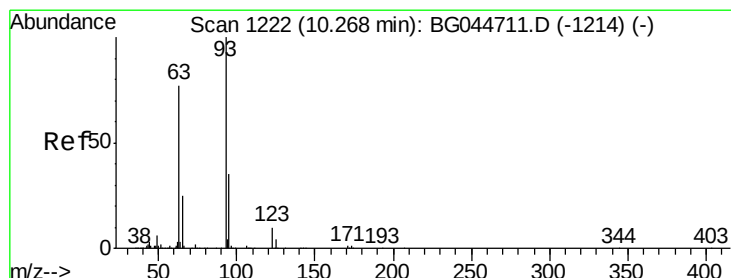
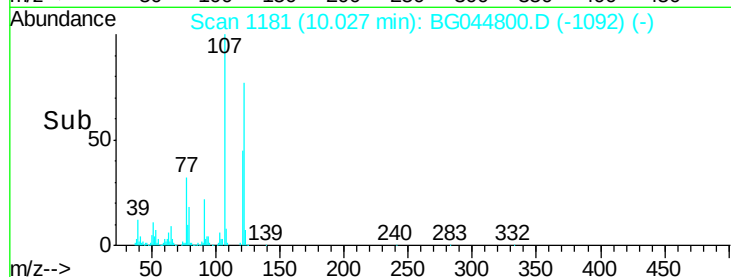
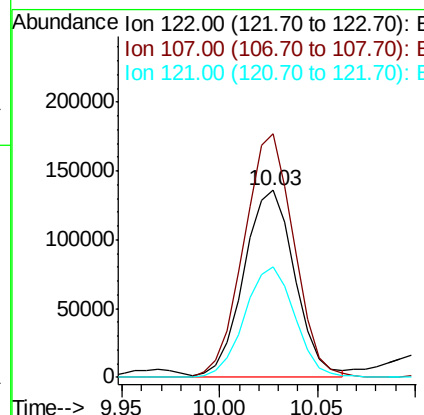
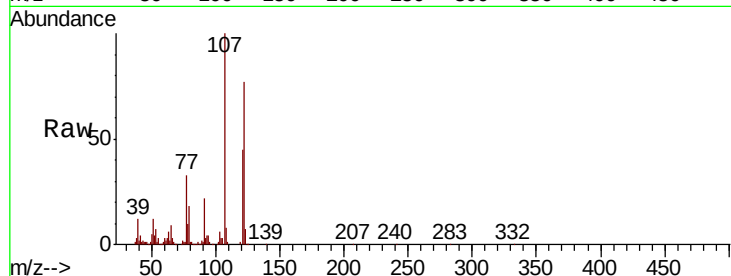




#27  
 2,4-Dimethylphenol  
 Concen: 35.568 ng  
 RT: 10.03 min Scan# 1181  
 Delta R.T. -0.01 min  
 Lab File: BG044800.D  
 Acq: 14 Mar 2020 17:42

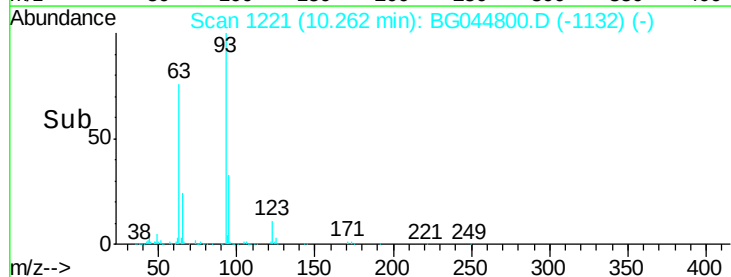
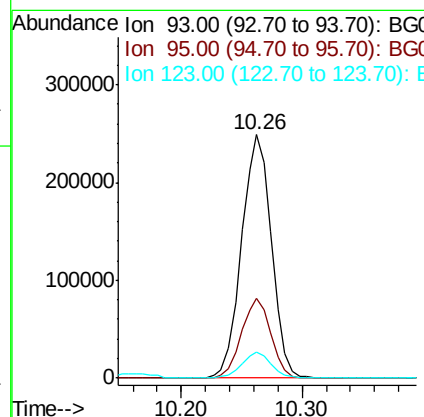
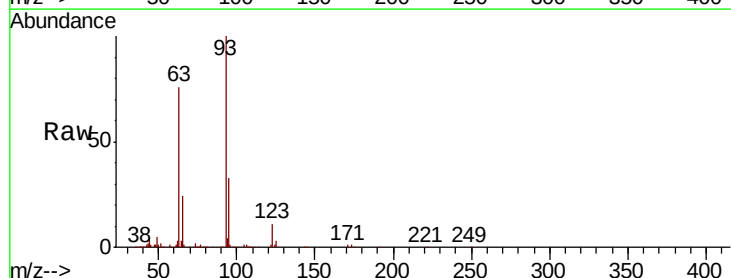
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTCCCC040

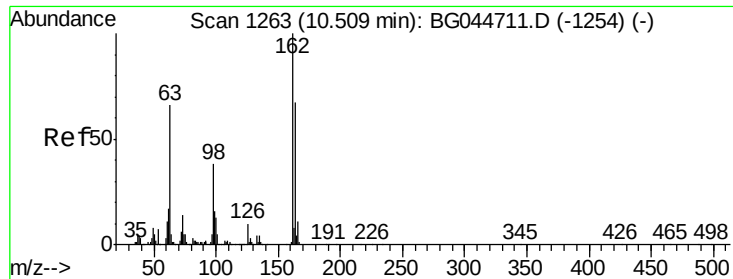
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 130.0 | 99.0  | 148.6 |
| 121     | 59.1  | 47.6  | 71.4  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 33.742 ng  
 RT: 10.26 min Scan# 1221  
 Delta R.T. -0.01 min  
 Lab File: BG044800.D  
 Acq: 14 Mar 2020 17:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.8  | 27.7  | 41.5  |
| 123     | 10.6  | 8.1   | 12.1  |

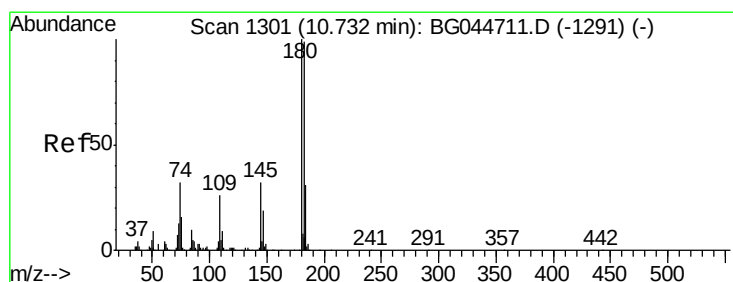
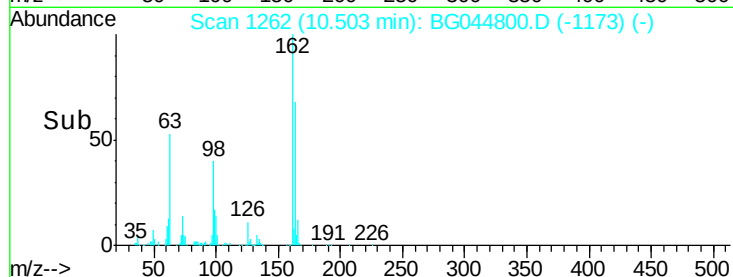
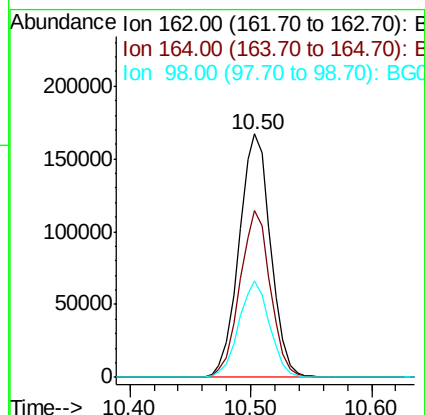
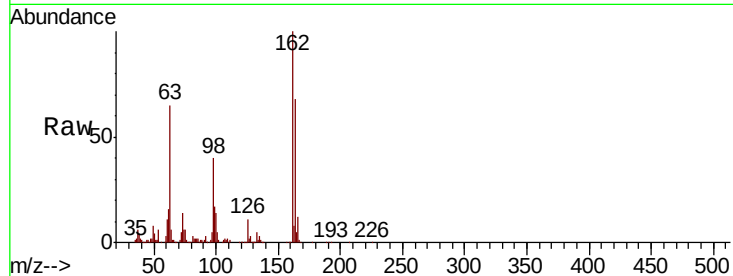




#29  
 2,4-Dichlorophenol  
 Concen: 37.652 ng  
 RT: 10.50 min Scan# 1262  
 Delta R.T. -0.01 min  
 Lab File: BG044800.D  
 Acq: 14 Mar 2020 17:42

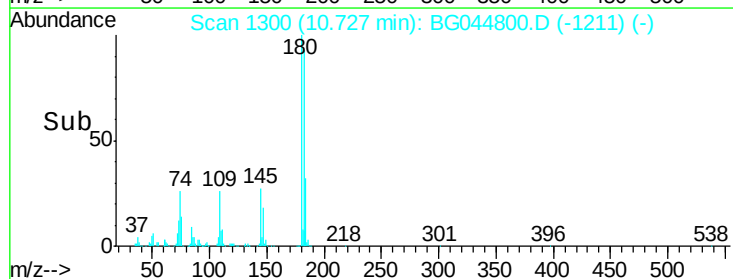
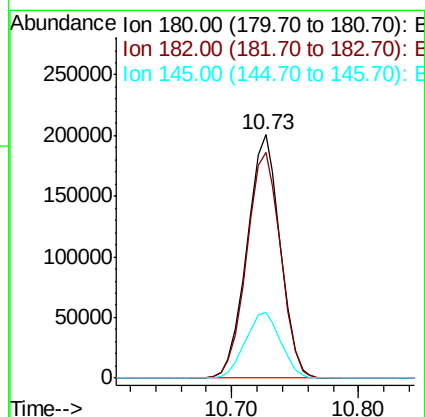
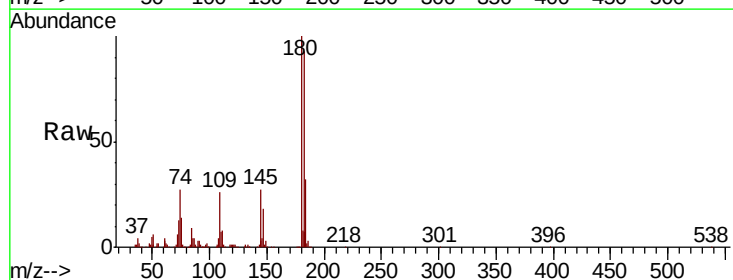
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTCCCC040

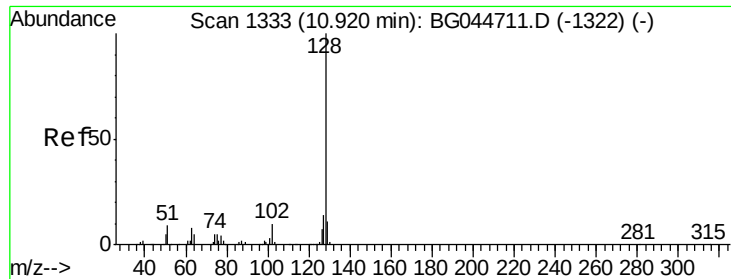
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 68.3  | 46.5  | 86.5  |
| 98      | 39.6  | 18.1  | 58.1  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 37.757 ng  
 RT: 10.73 min Scan# 1300  
 Delta R.T. -0.01 min  
 Lab File: BG044800.D  
 Acq: 14 Mar 2020 17:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 92.9  | 78.8  | 118.2 |
| 145     | 27.0  | 25.4  | 38.0  |

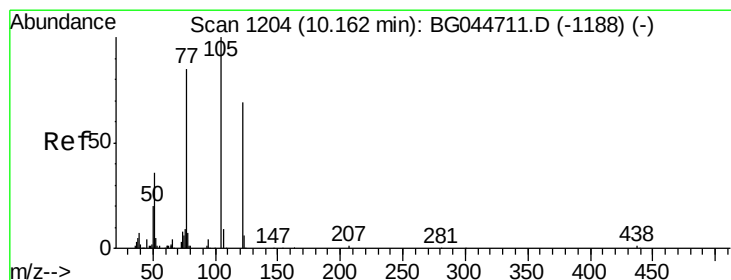
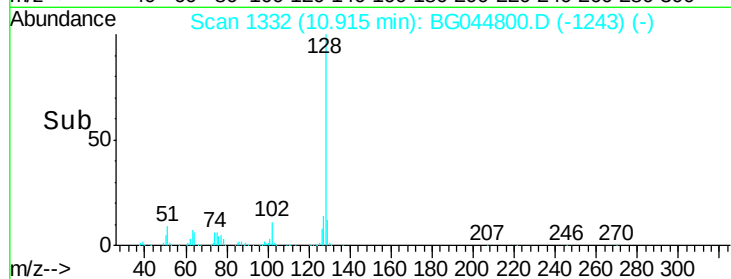
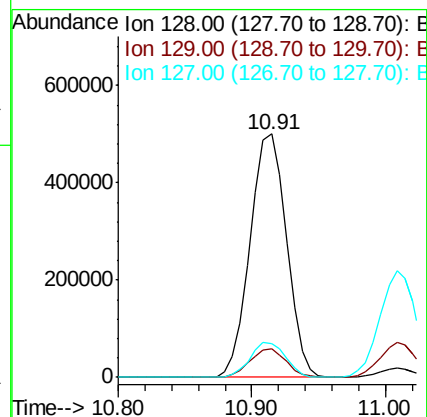
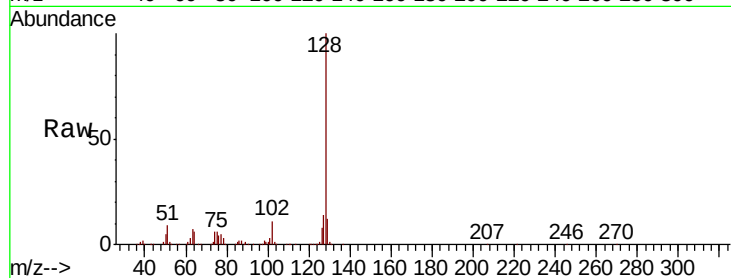




#31  
Naphthalene  
Concen: 35.744 ng  
RT: 10.91 min Scan# 1332  
Delta R.T. -0.01 min  
Lab File: BG044800.D  
Acq: 14 Mar 2020 17:42

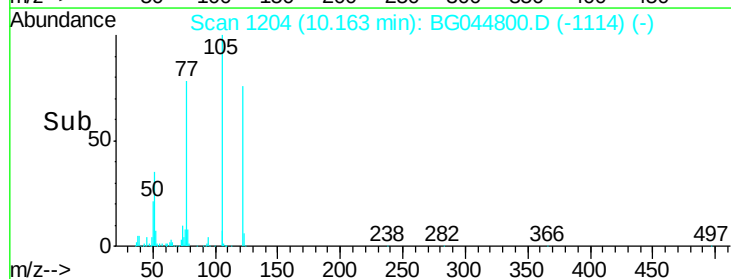
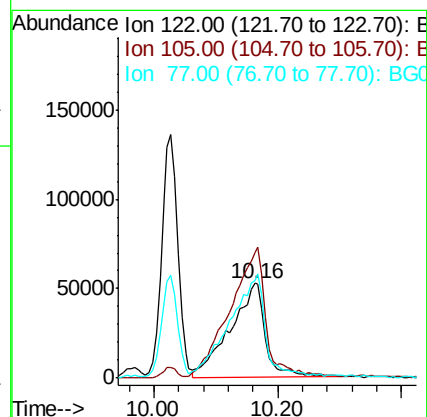
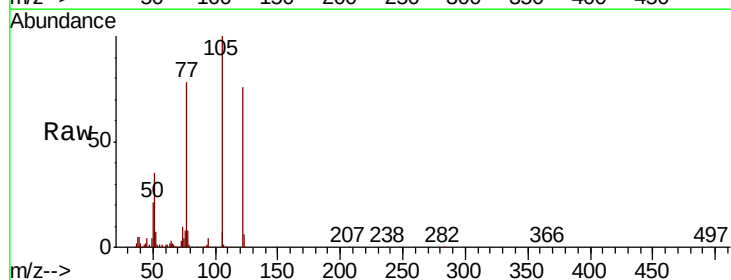
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

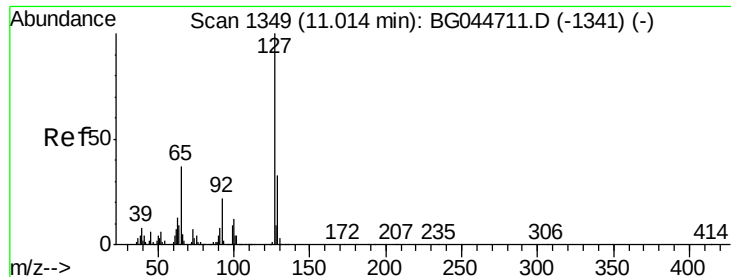
Tot Ion:128 Resp: 944426  
Ion Ratio Lower Upper  
128 100  
129 11.9 9.0 13.4  
127 13.9 11.0 16.6



#32  
Benzoic acid  
Concen: 40.541 ng  
RT: 10.16 min Scan# 1204  
Delta R.T. 0.00 min  
Lab File: BG044800.D  
Acq: 14 Mar 2020 17:42

Tgt Ion:122 Resp: 208057  
Ion Ratio Lower Upper  
122 100  
105 132.2 119.0 159.0  
77 102.5 96.4 136.4

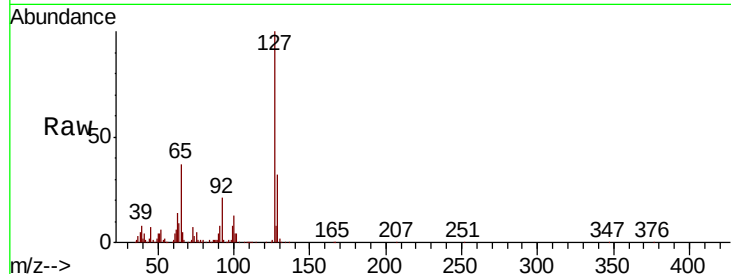




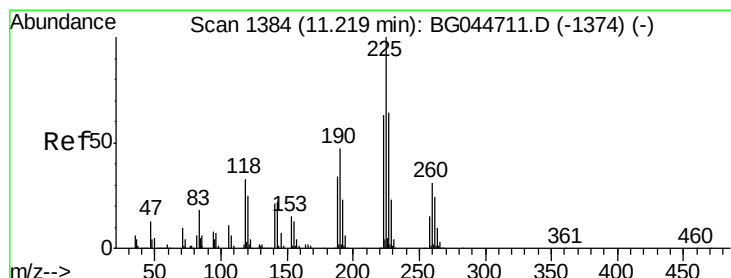
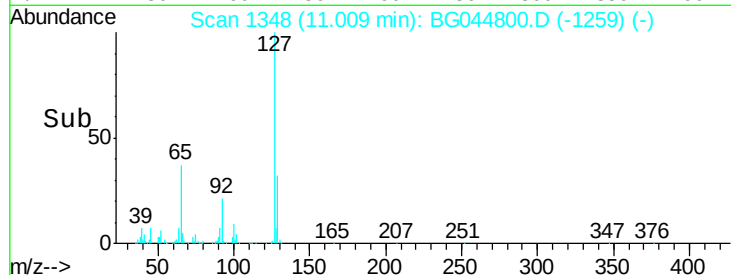
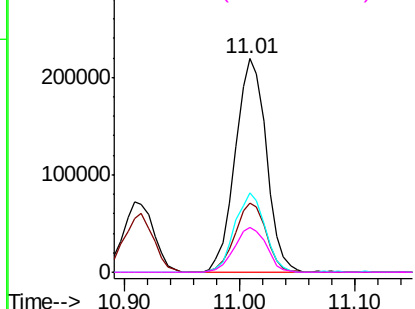
#33  
4-Chloroaniline  
Concen: 34.297 ng  
RT: 11.01 min Scan# 1348  
Delta R.T. -0.01 min  
Lab File: BG044800.D  
Acq: 14 Mar 2020 17:42

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:127 | Resp: | 408272    |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 32.2  | 26.2 39.4 |
| 65          | 37.5  | 29.6 44.4 |
| 92          | 21.1  | 17.4 26.0 |

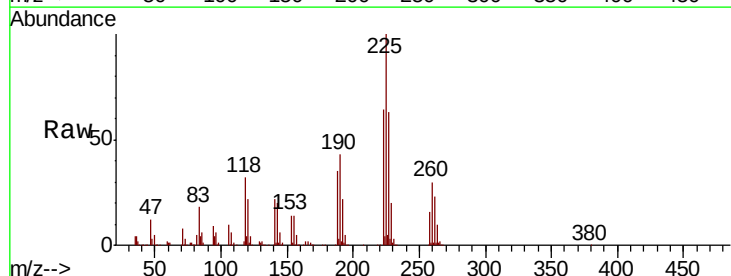


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC

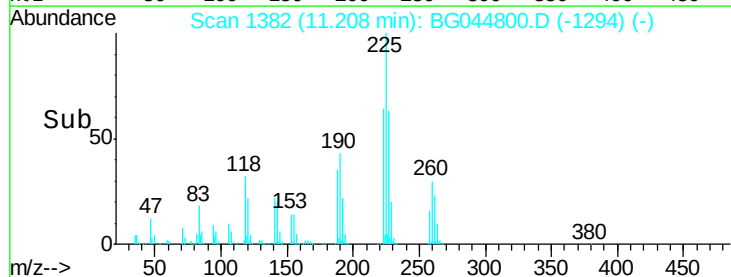
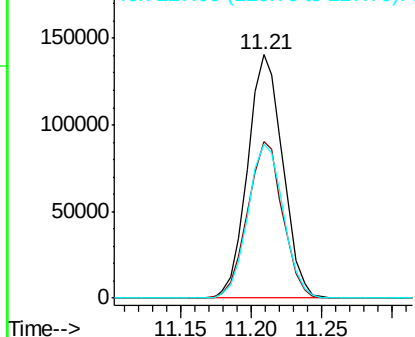


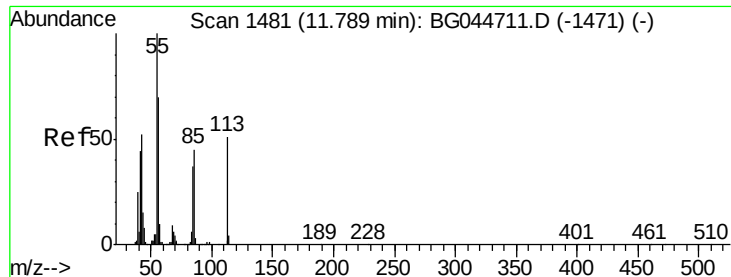
#34  
Hexachlorobutadiene  
Concen: 38.612 ng  
RT: 11.21 min Scan# 1382  
Delta R.T. -0.01 min  
Lab File: BG044800.D  
Acq: 14 Mar 2020 17:42

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 244988    |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 64.4  | 50.6 76.0 |
| 227         | 63.5  | 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: 34.139 ng

RT: 11.78 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

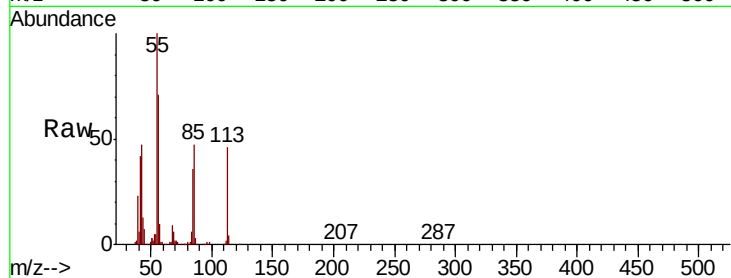
Tot Ion:113 Resp: 104298

Ion Ratio Lower Upper

113 100

55 217.6 178.4 218.4

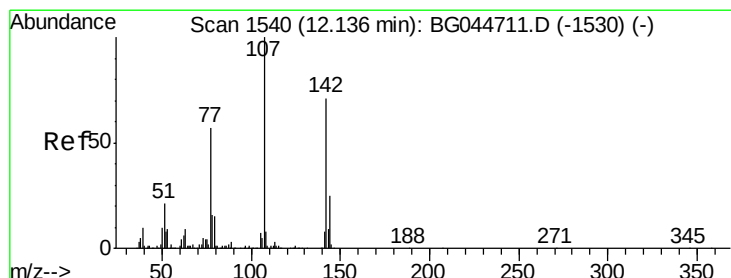
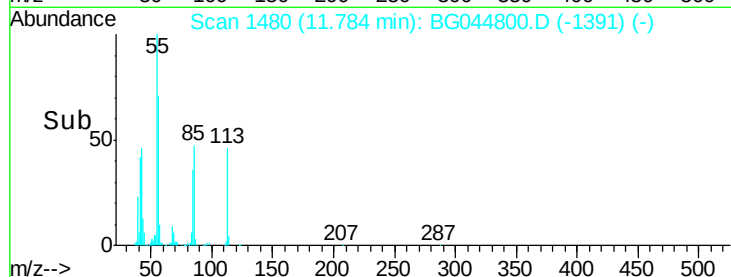
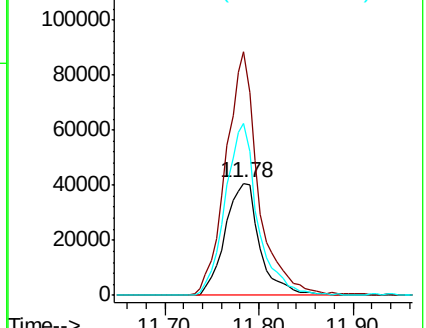
56 153.9 117.7 157.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 35.796 ng

RT: 12.13 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

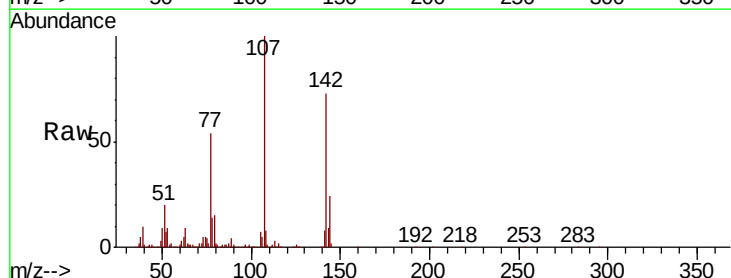
Tgt Ion:107 Resp: 344489

Ion Ratio Lower Upper

107 100

144 23.6 19.6 29.4

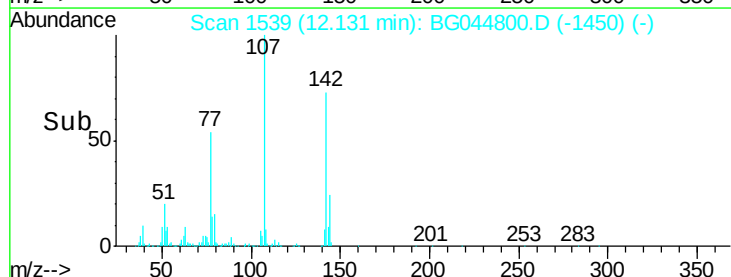
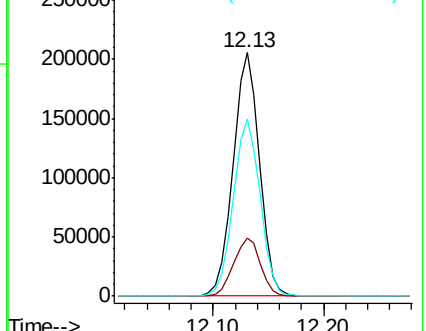
142 72.9 56.5 84.7

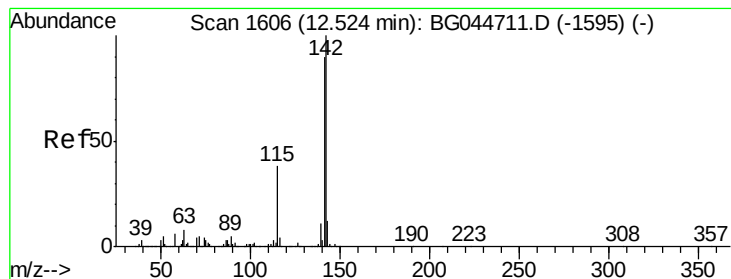


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 35.294 ng

RT: 12.51 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

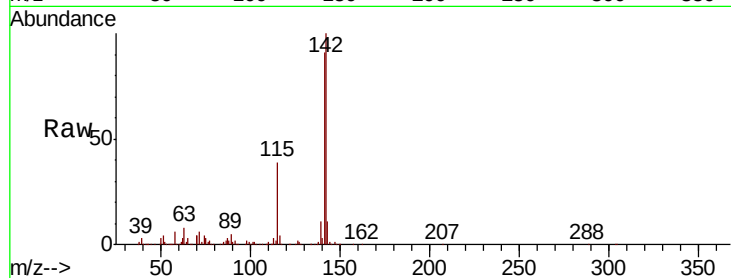
Tot Ion:142 Resp: 697555

Ion Ratio Lower Upper

142 100

141 91.0 72.3 108.5

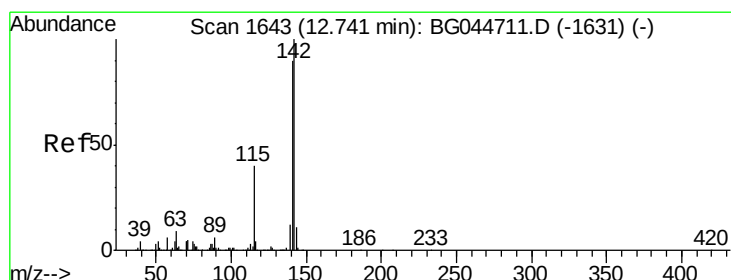
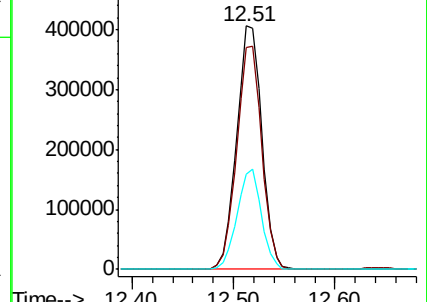
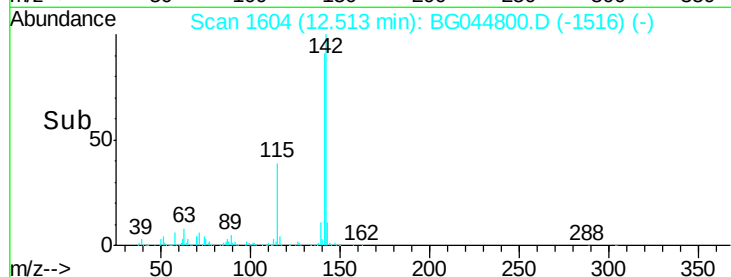
115 39.0 30.6 45.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 35.061 ng

RT: 12.74 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

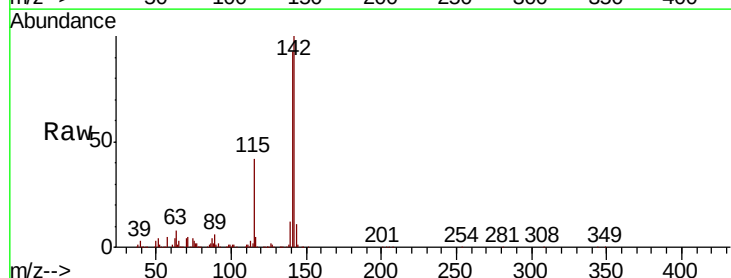
Tgt Ion:142 Resp: 651467

Ion Ratio Lower Upper

142 100

141 92.5 72.2 108.2

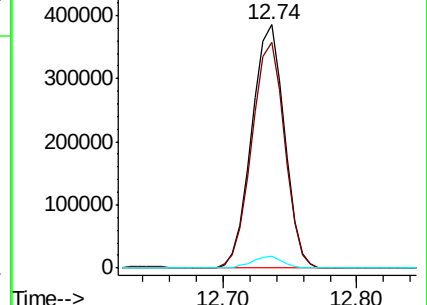
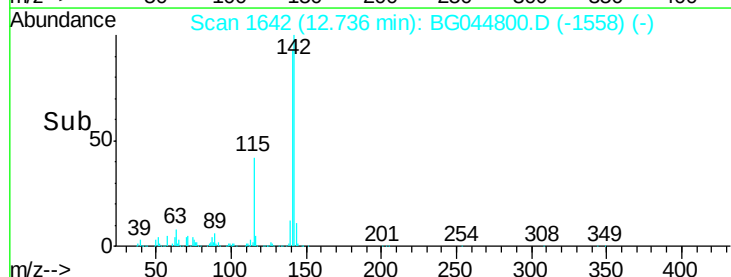
116 4.7 3.5 5.3

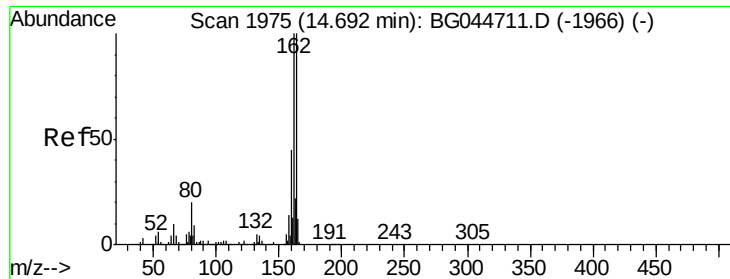


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

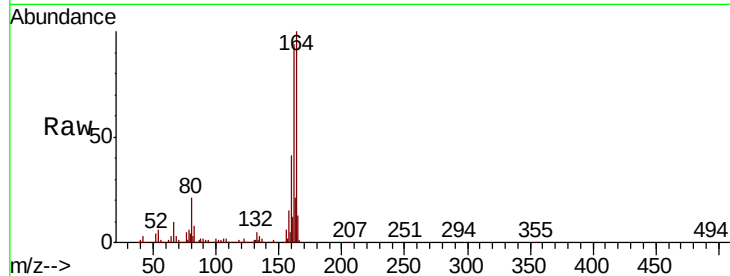
Tot Ion:164 Resp: 319371

Ion Ratio Lower Upper

164 100

162 93.5 80.2 120.4

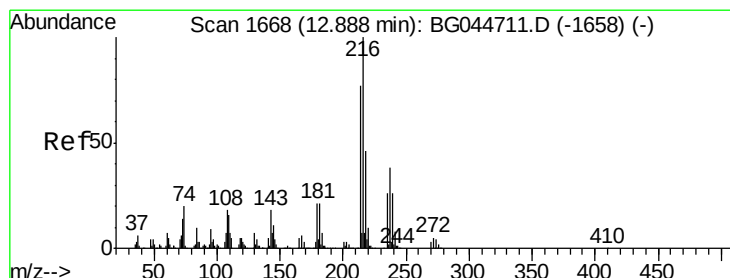
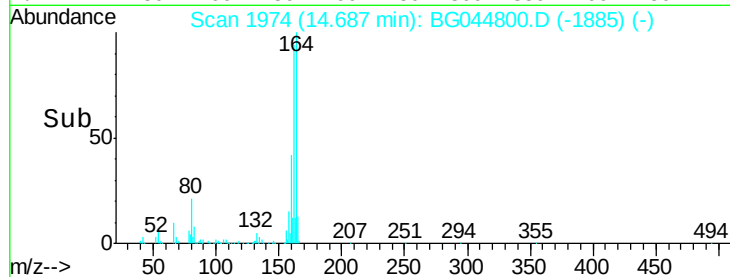
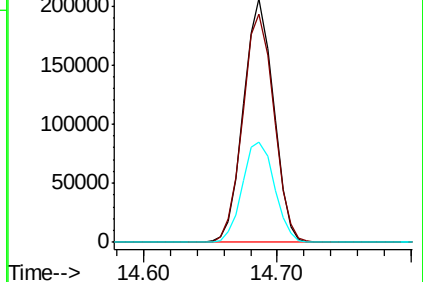
160 41.4 36.2 54.2



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: 37.424 ng

RT: 12.88 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

Tgt Ion:216 Resp: 393615

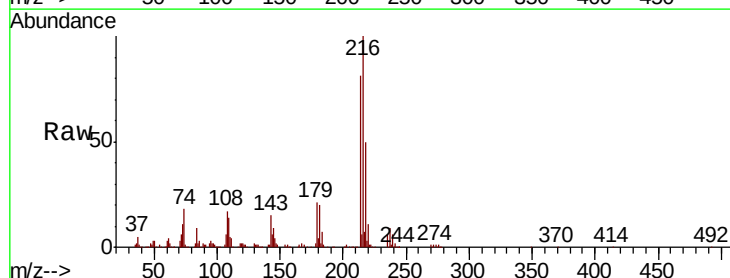
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.4

179 20.7 16.6 24.8

108 17.4 15.6 23.4

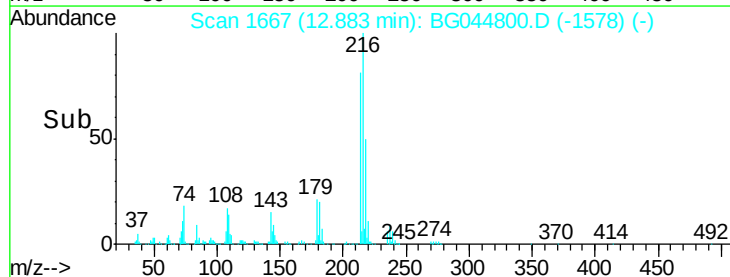
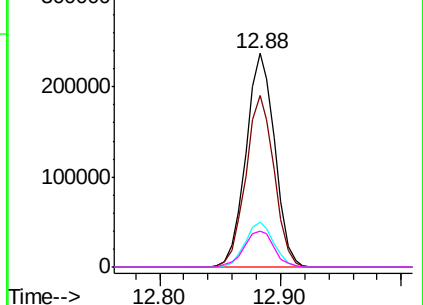


Abundance Ion 216.00 (215.70 to 216.70): E

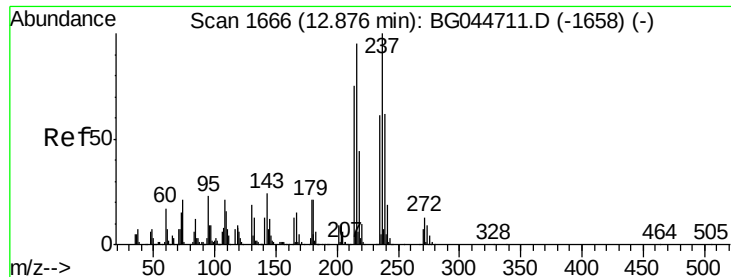
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 11.271 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

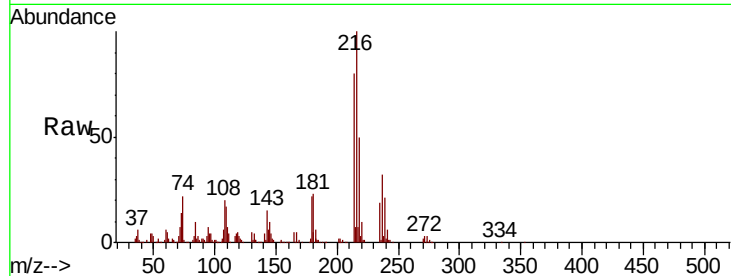
Tot Ion:237 Resp: 64784

Ion Ratio Lower Upper

237 100

235 60.2 40.6 80.6

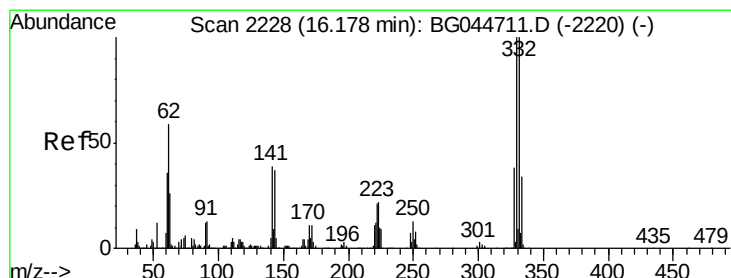
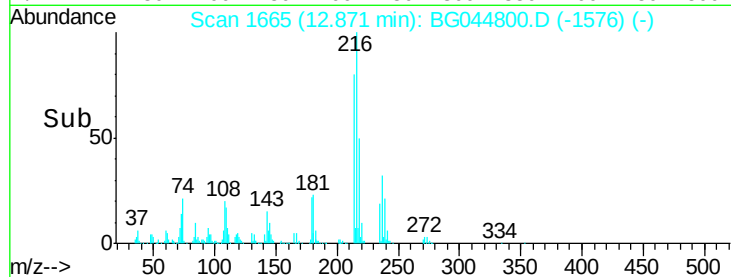
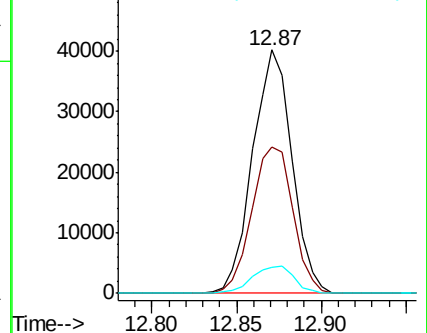
272 10.7 0.0 32.5



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: 77.653 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

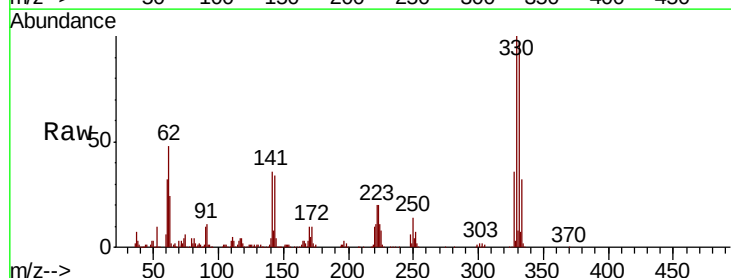
Tgt Ion:330 Resp: 324720

Ion Ratio Lower Upper

330 100

332 97.0 77.5 116.3

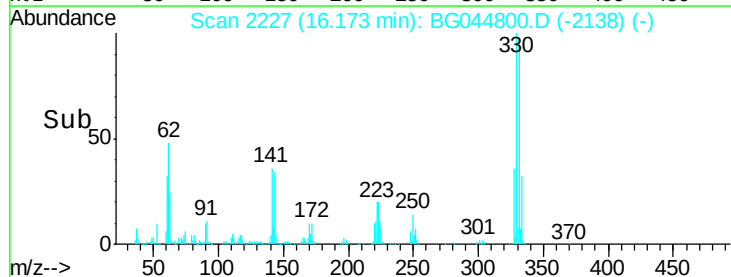
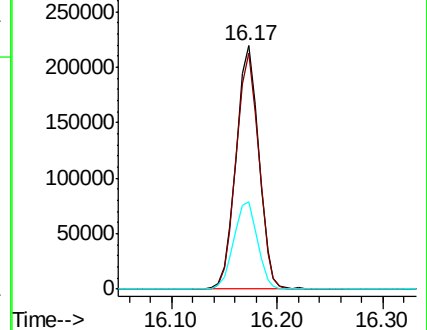
141 37.3 31.7 47.5

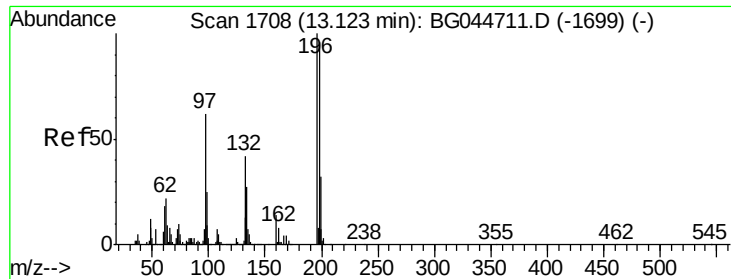


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

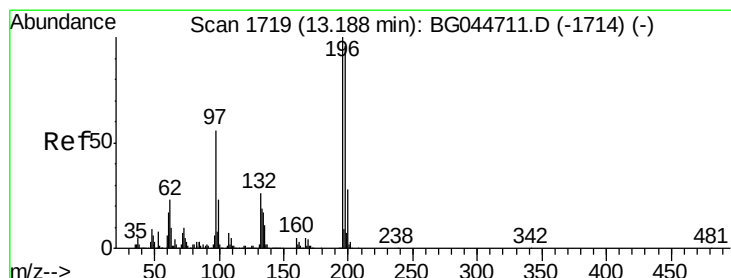
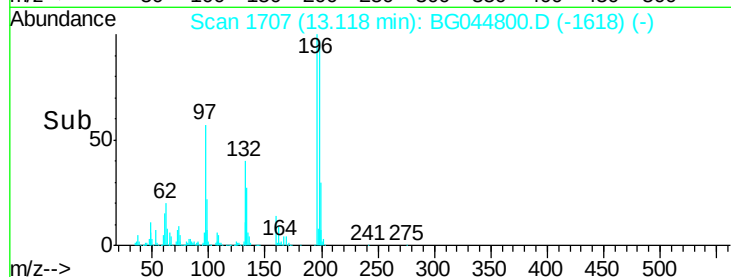
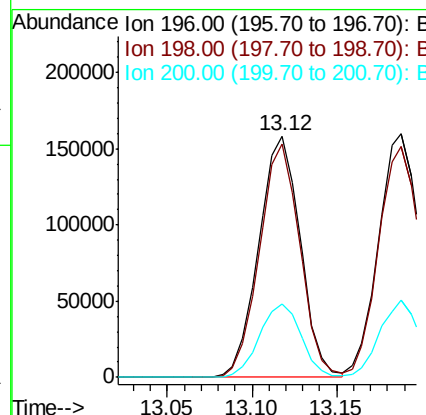
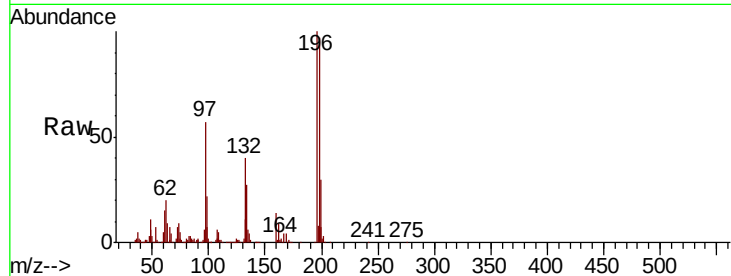




#43  
 2,4,6-Trichlorophenol  
 Concen: 38.712 ng  
 RT: 13.12 min Scan# 1707  
 Delta R.T. -0.01 min  
 Lab File: BG044800.D  
 Acq: 14 Mar 2020 17:42

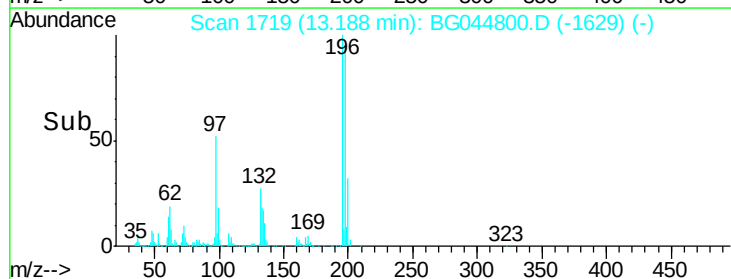
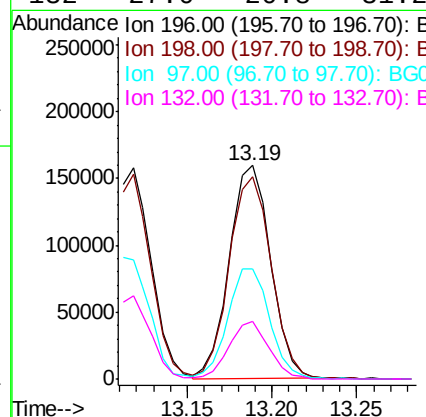
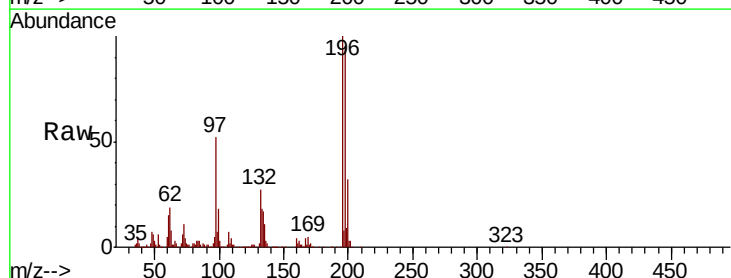
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

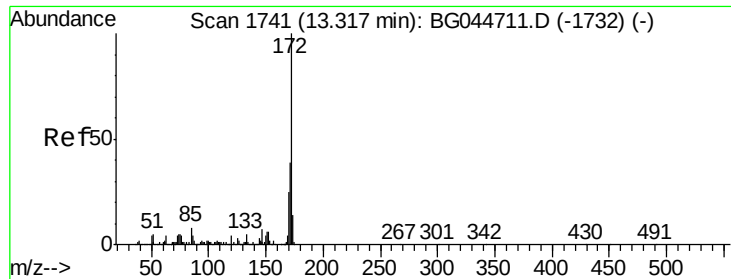
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.9  | 76.5  | 114.7 |
| 200     | 30.3  | 25.9  | 38.9  |



#44  
 2,4,5-Trichlorophenol  
 Concen: 37.565 ng  
 RT: 13.19 min Scan# 1719  
 Delta R.T. 0.00 min  
 Lab File: BG044800.D  
 Acq: 14 Mar 2020 17:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.8  | 77.3  | 115.9 |
| 97      | 51.8  | 44.9  | 67.3  |
| 132     | 27.0  | 20.8  | 31.2  |

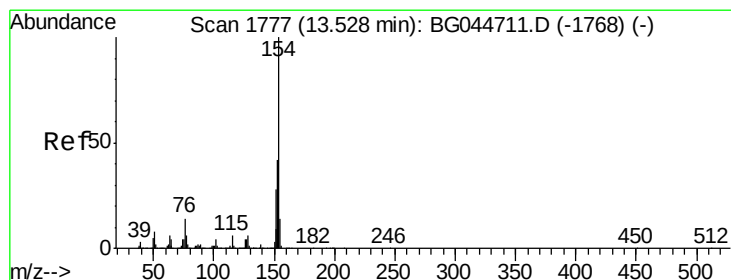
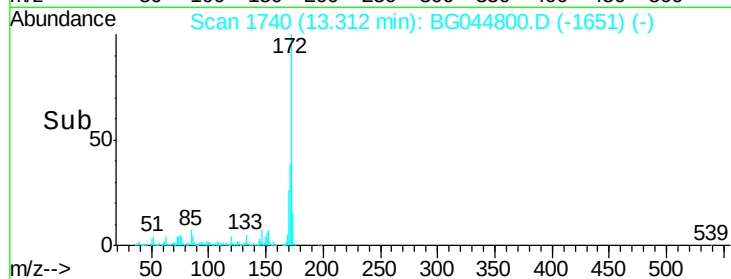
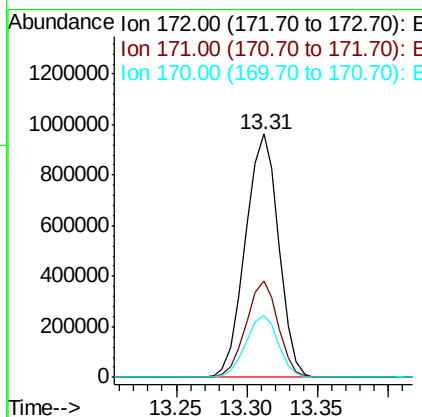
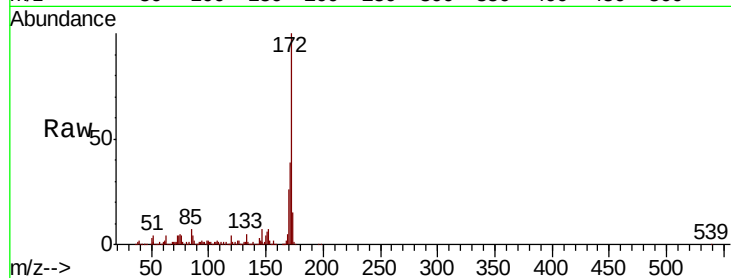




#45  
2-Fluorobiphenyl  
Concen: 71.341 ng  
RT: 13.31 min Scan# 1740  
Delta R.T. -0.01 min  
Lab File: BG044800.D  
Acq: 14 Mar 2020 17:42

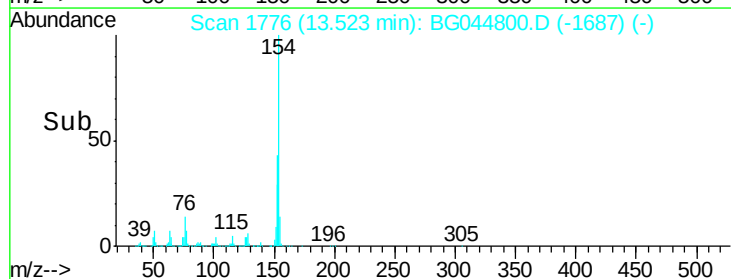
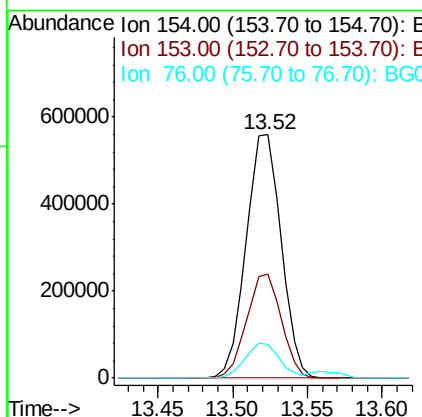
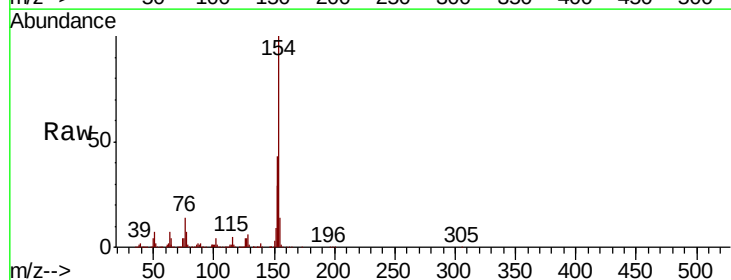
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

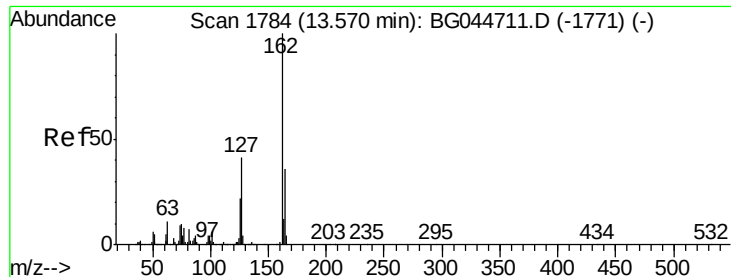
Tot Ion:172 Resp: 1591038  
Ion Ratio Lower Upper  
172 100  
171 39.4 30.8 46.2  
170 25.5 20.0 30.0



#46  
1,1'-Biphenyl  
Concen: 35.557 ng  
RT: 13.52 min Scan# 1776  
Delta R.T. -0.01 min  
Lab File: BG044800.D  
Acq: 14 Mar 2020 17:42

Tgt Ion:154 Resp: 907486  
Ion Ratio Lower Upper  
154 100  
153 43.0 22.0 62.0  
76 13.8 0.0 34.2

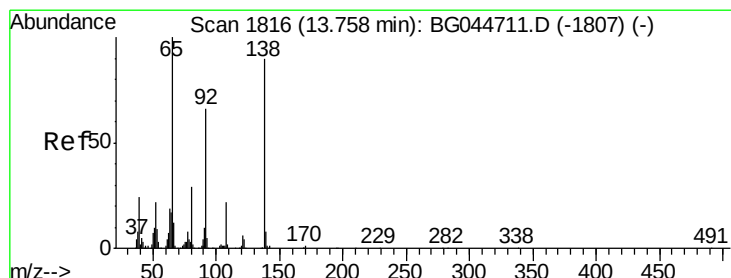
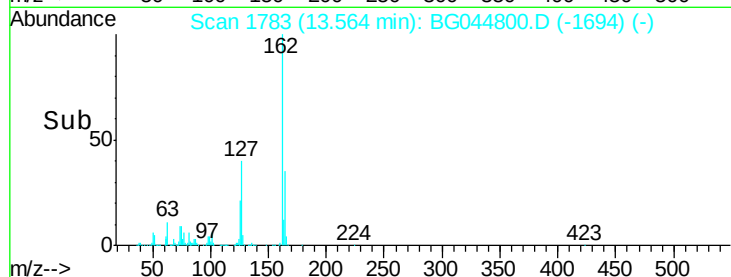
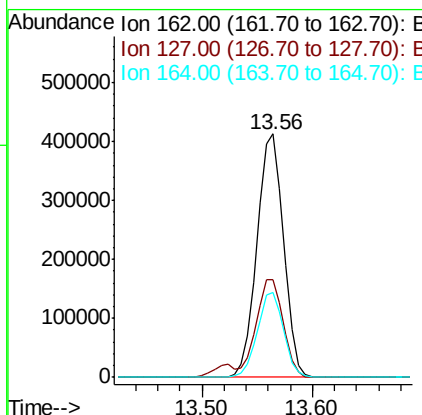
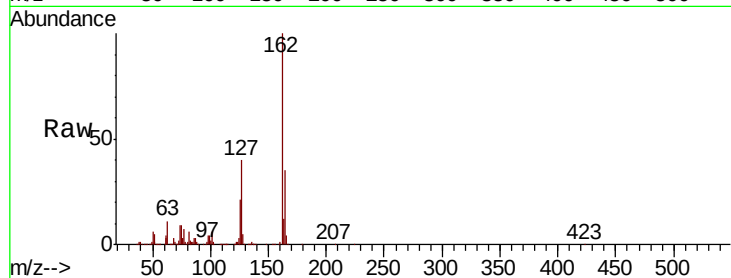




#47  
 2-Chloronaphthalene  
 Concen: 35.875 ng  
 RT: 13.56 min Scan# 1783  
 Delta R.T. -0.01 min  
 Lab File: BG044800.D  
 Acq: 14 Mar 2020 17:42

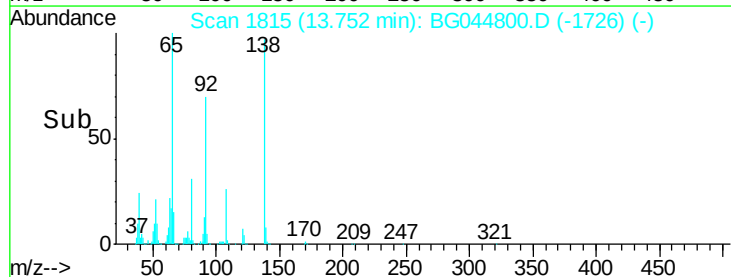
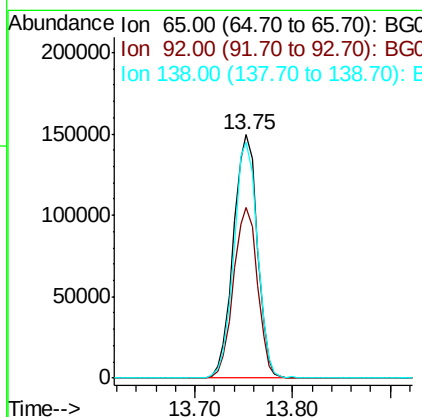
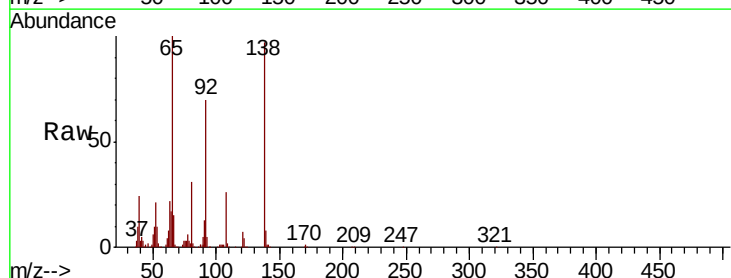
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

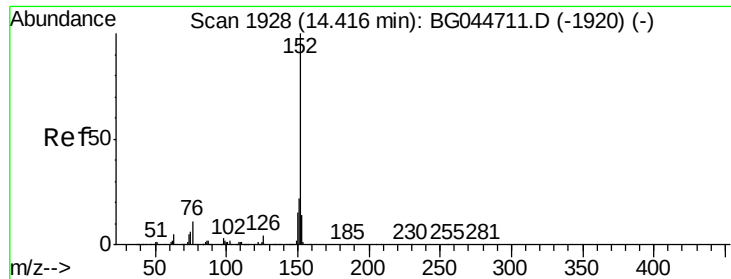
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.0  | 32.6  | 48.8  |
| 164     | 34.7  | 29.0  | 43.4  |



#48  
 2-Nitroaniline  
 Concen: 37.536 ng  
 RT: 13.75 min Scan# 1815  
 Delta R.T. -0.01 min  
 Lab File: BG044800.D  
 Acq: 14 Mar 2020 17:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 70.0  | 52.6  | 79.0  |
| 138     | 96.8  | 71.8  | 107.6 |





#49

Acenaphthylene

Concen: 35.172 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

Instrument :

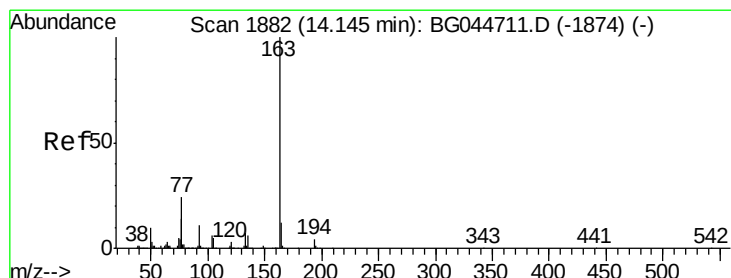
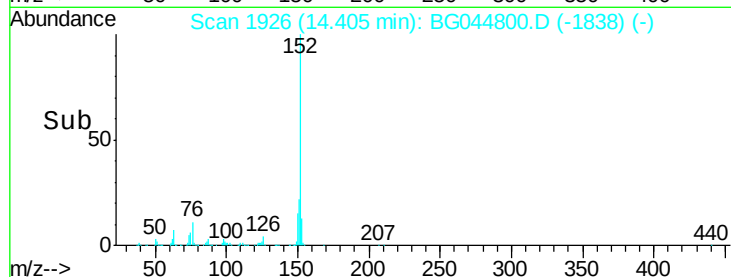
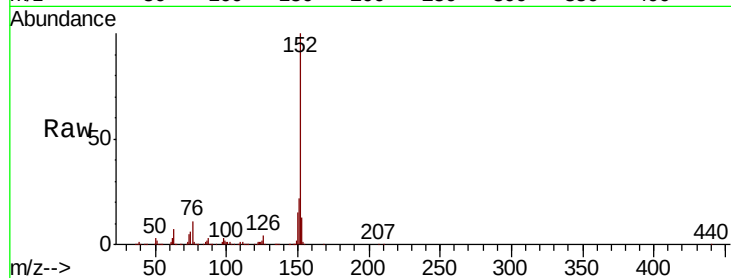
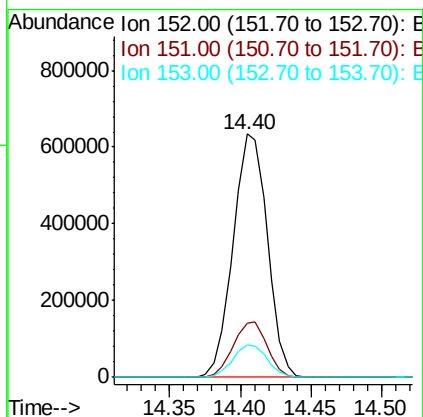
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1074303

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 22.2  | 17.8  | 26.8  |
| 153 | 13.3  | 11.4  | 17.0  |



#50

Dimethylphthalate

Concen: 34.186 ng

RT: 14.14 min Scan# 1881

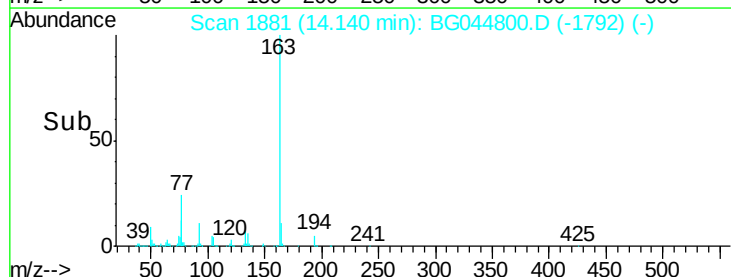
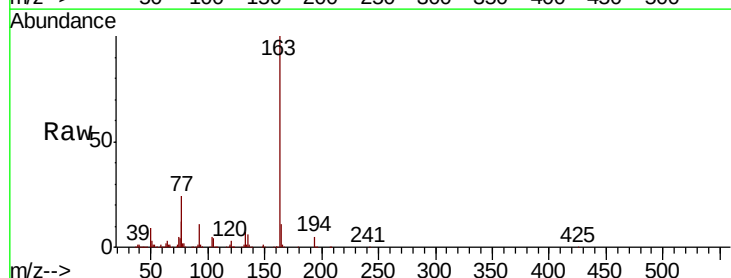
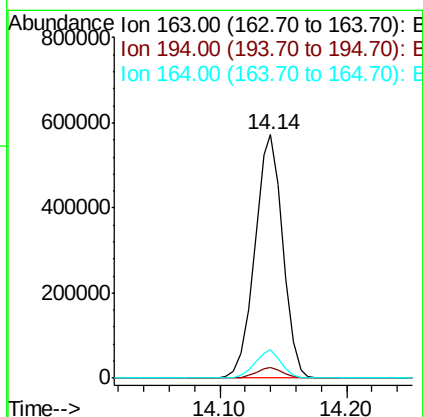
Delta R.T. -0.01 min

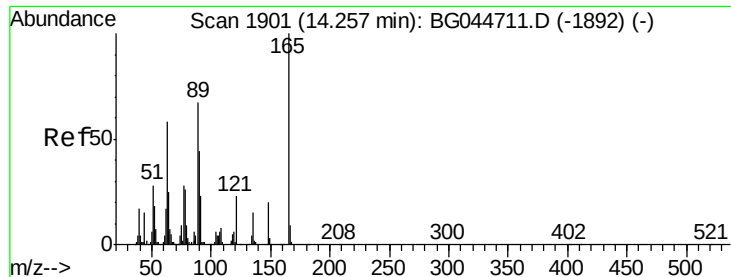
Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

Tgt Ion:163 Resp: 869573

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.5   | 3.5   | 5.3   |
| 164 | 11.5  | 9.2   | 13.8  |





#51

2,6-Dinitrotoluene

Concen: 38.378 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

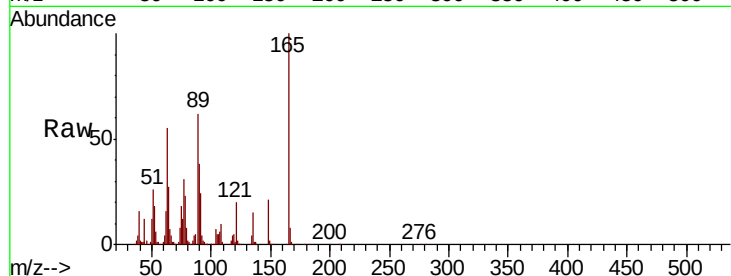
Tot Ion:165 Resp: 196772

Ion Ratio Lower Upper

165 100

63 55.0 48.9 73.3

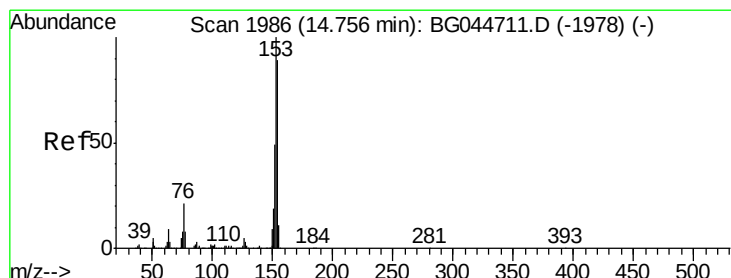
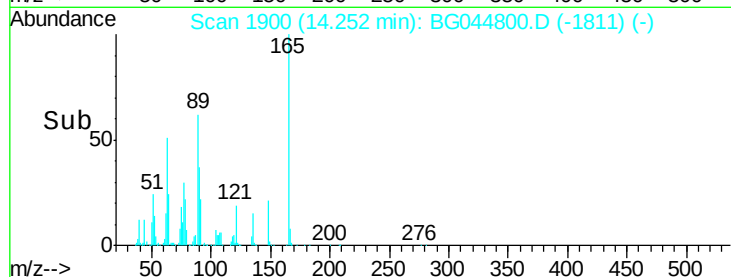
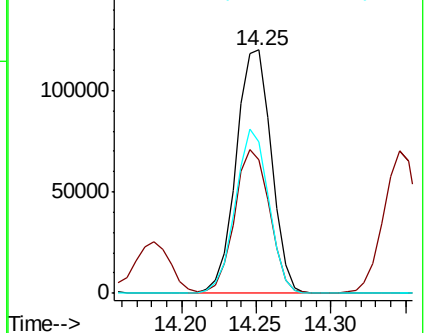
89 62.0 53.8 80.8



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: 33.950 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

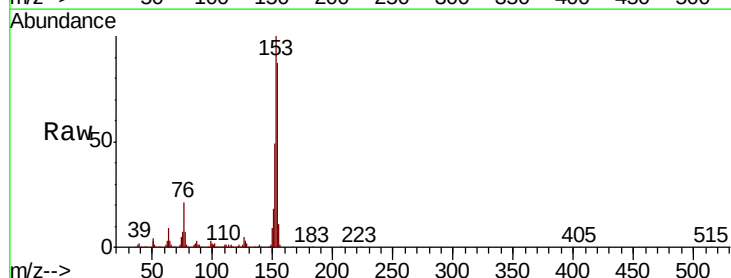
Tgt Ion:154 Resp: 679110

Ion Ratio Lower Upper

154 100

153 115.3 89.8 134.8

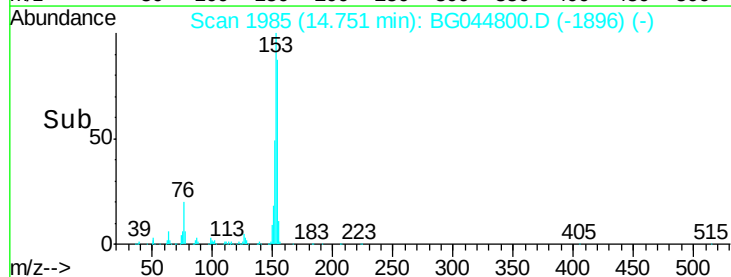
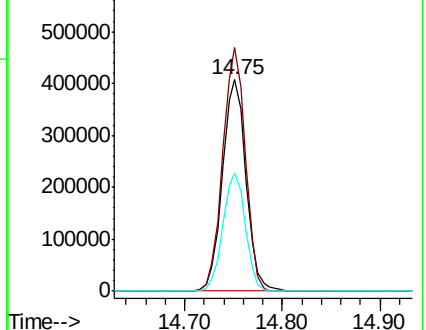
152 56.0 44.4 66.6

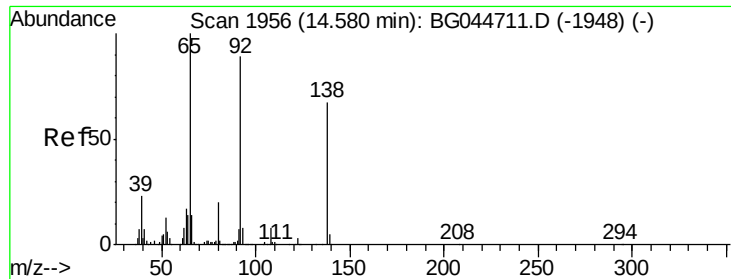


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 37.345 ng

RT: 14.57 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

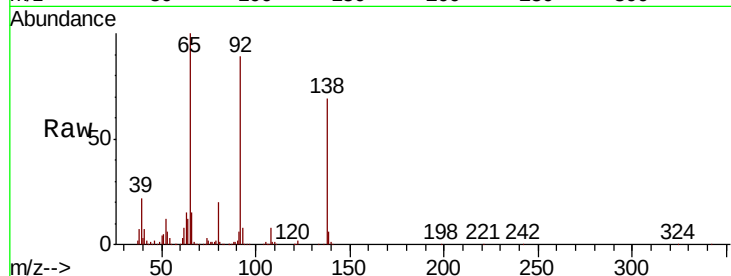
Tot Ion:138 Resp: 220136

Ion Ratio Lower Upper

138 100

108 11.5 9.2 13.8

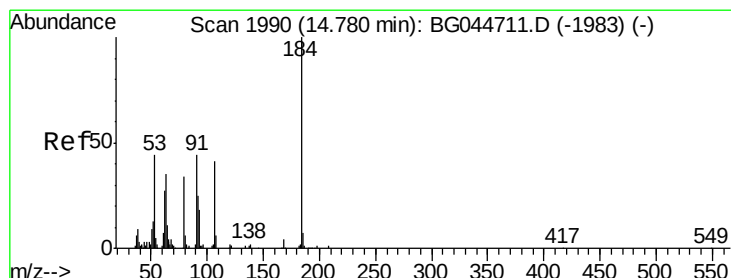
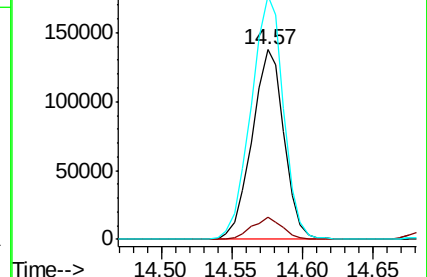
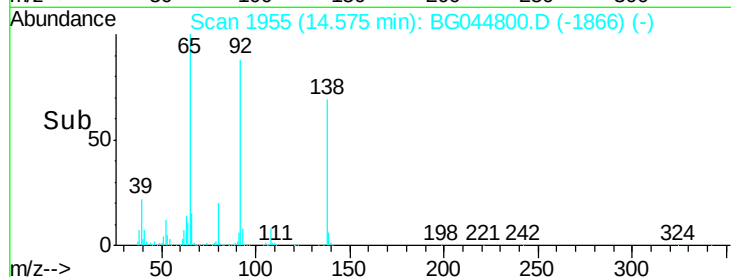
92 128.3 105.6 158.4



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: 18.479 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

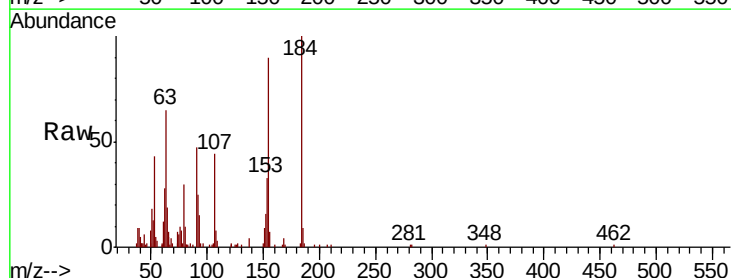
Tgt Ion:184 Resp: 30370

Ion Ratio Lower Upper

184 100

63 64.8 49.0 73.6

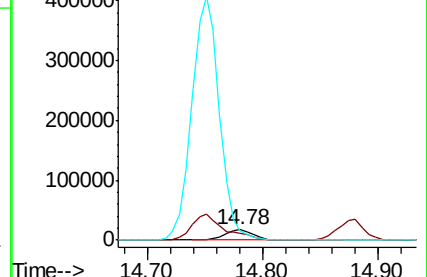
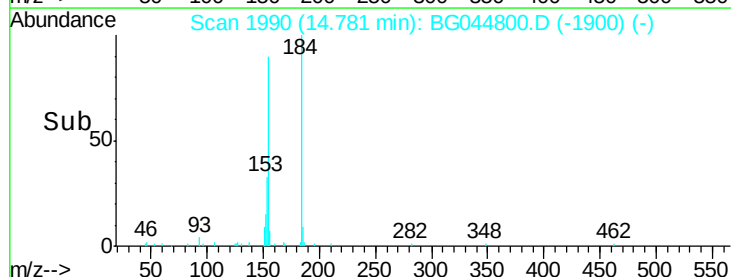
154 90.0 94.5 141.7#

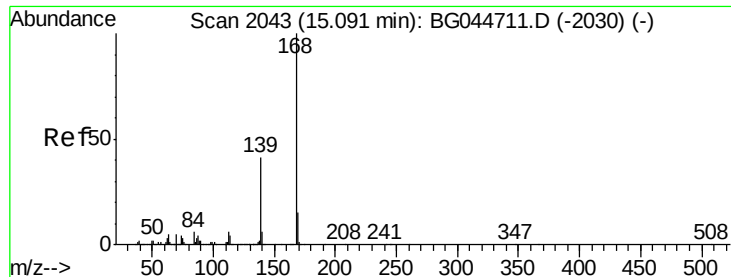


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

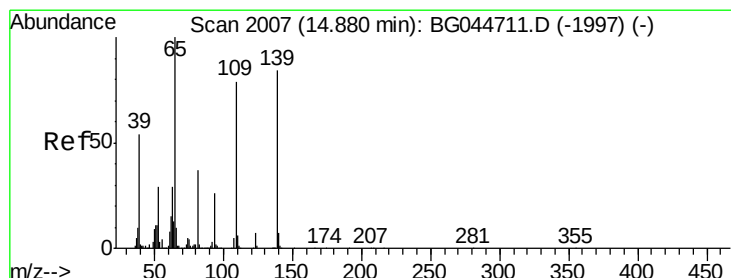
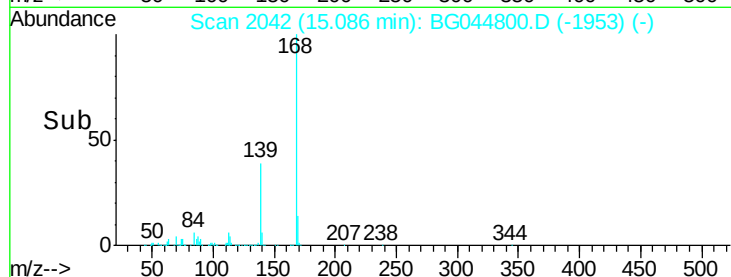
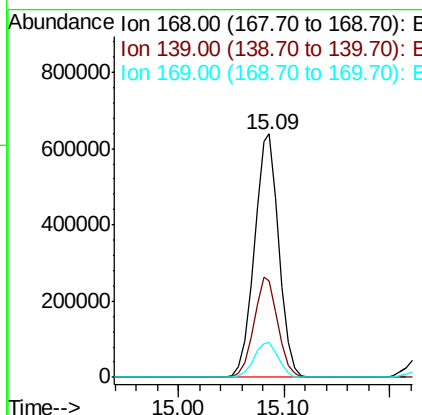
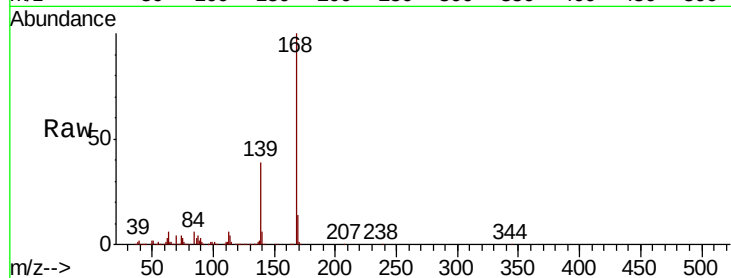




#55  
Dibenzofuran  
Concen: 35.352 ng  
RT: 15.09 min Scan# 2042  
Delta R.T. -0.01 min  
Lab File: BG044800.D  
Acq: 14 Mar 2020 17:42

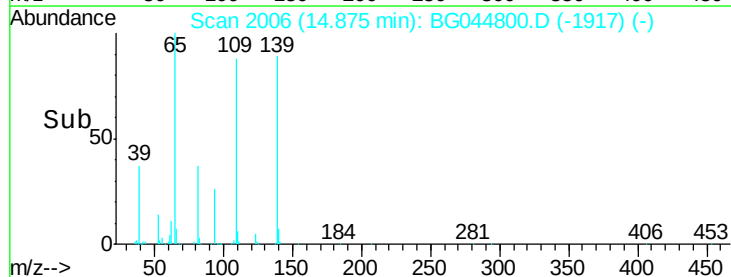
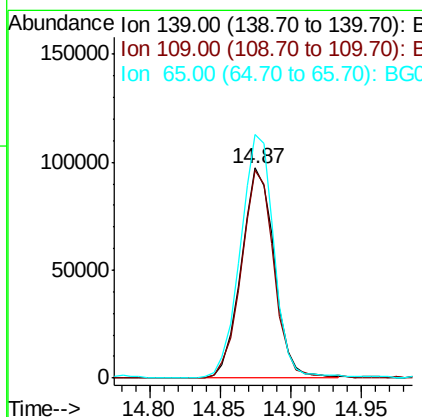
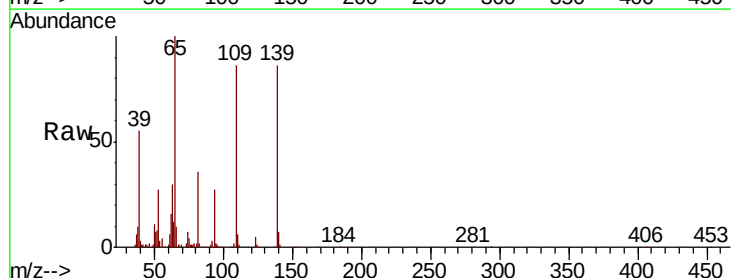
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:168 Resp: 1025474  
Ion Ratio Lower Upper  
168 100  
139 39.4 32.6 49.0  
169 14.2 11.8 17.6

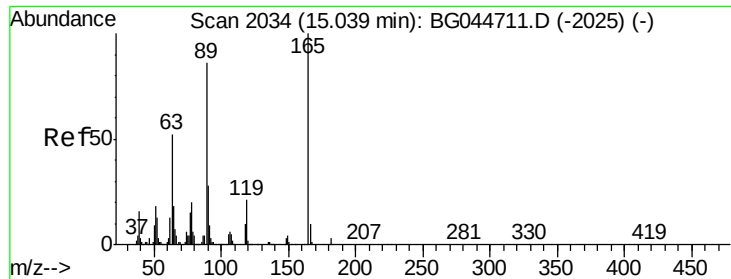


#56  
4-Nitrophenol  
Concen: 35.665 ng  
RT: 14.87 min Scan# 2006  
Delta R.T. -0.01 min  
Lab File: BG044800.D  
Acq: 14 Mar 2020 17:42

Tgt Ion:139 Resp: 160448  
Ion Ratio Lower Upper  
139 100  
109 99.3 74.1 114.1  
65 116.0 98.6 138.6



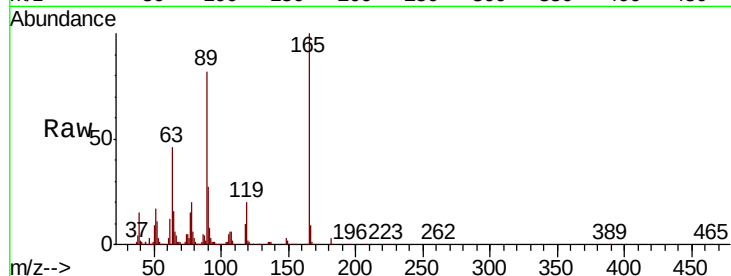




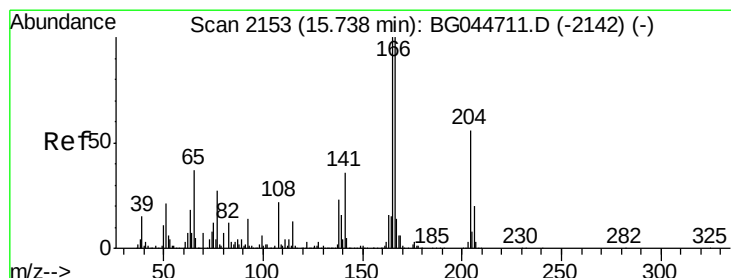
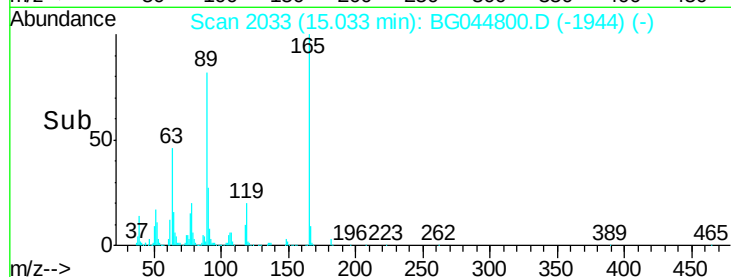
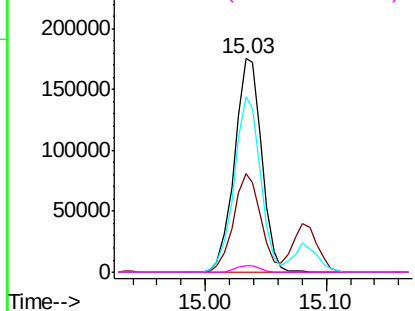
#57  
 2,4-Dinitrotoluene  
 Concen: 38.974 ng  
 RT: 15.03 min Scan# 2033  
 Delta R.T. -0.01 min  
 Lab File: BG044800.D  
 Acq: 14 Mar 2020 17:42

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTCCCC040

Tot Ion:165 Resp: 274062  
 Ion Ratio Lower Upper  
 165 100  
 63 46.0 41.5 62.3  
 89 82.1 69.0 103.4  
 182 3.0 2.7 4.1

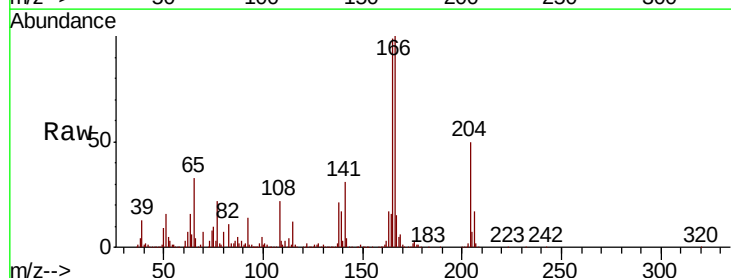


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 89.00 (88.70 to 89.70): BG  
 Ion 182.00 (181.70 to 182.70): E

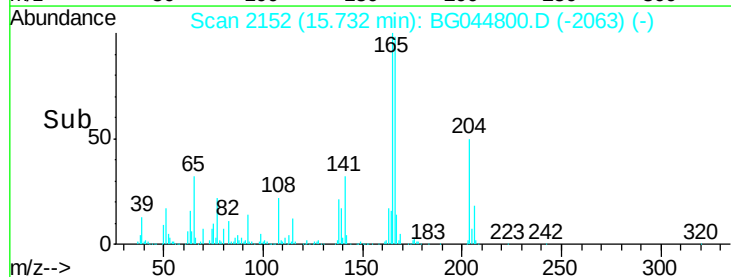
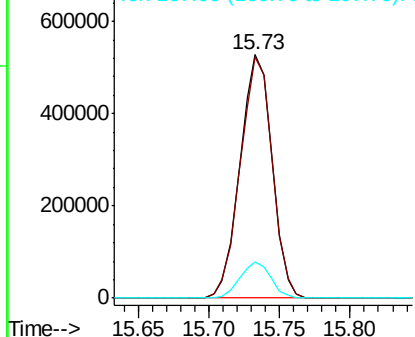


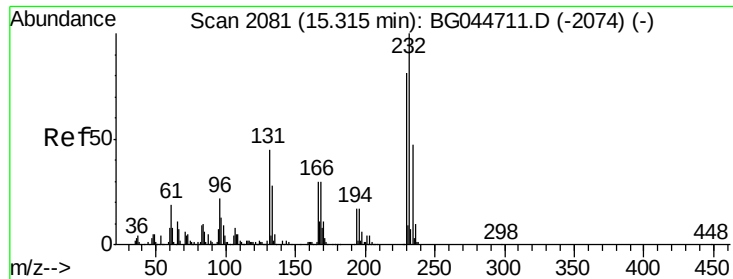
#58  
 Fluorene  
 Concen: 35.097 ng  
 RT: 15.73 min Scan# 2152  
 Delta R.T. -0.01 min  
 Lab File: BG044800.D  
 Acq: 14 Mar 2020 17:42

Tgt Ion:166 Resp: 837475  
 Ion Ratio Lower Upper  
 166 100  
 165 99.0 79.6 119.4  
 167 14.8 11.4 17.2



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

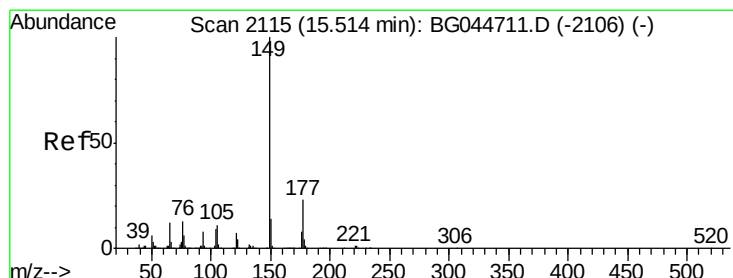
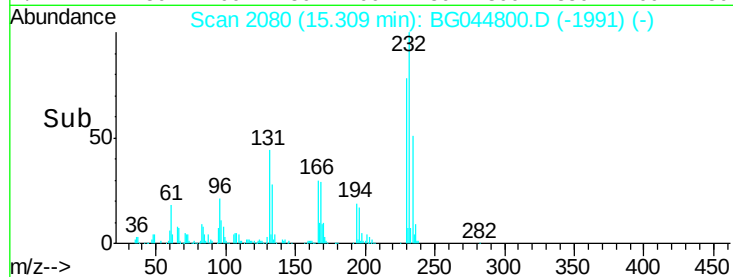
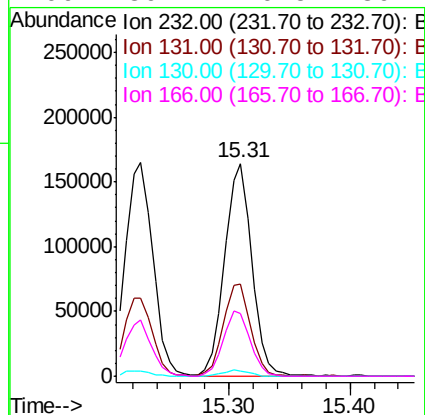
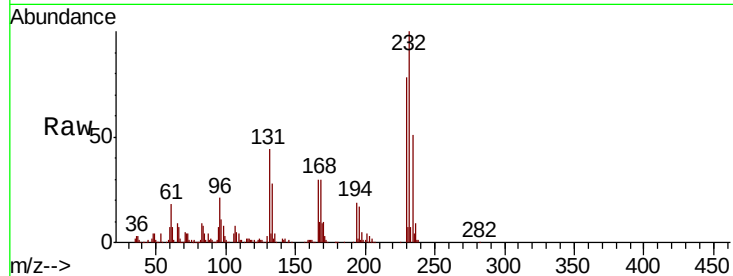




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 38.303 ng  
RT: 15.31 min Scan# 2080  
Delta R.T. -0.01 min  
Lab File: BG044800.D  
Acq: 14 Mar 2020 17:42

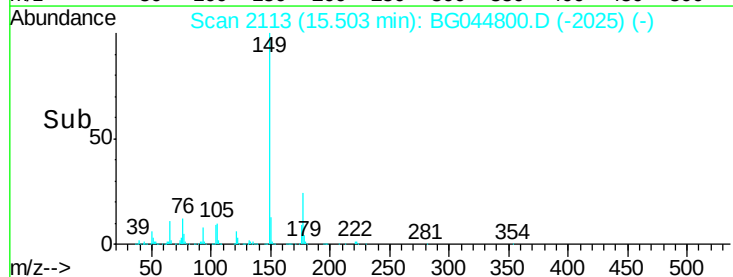
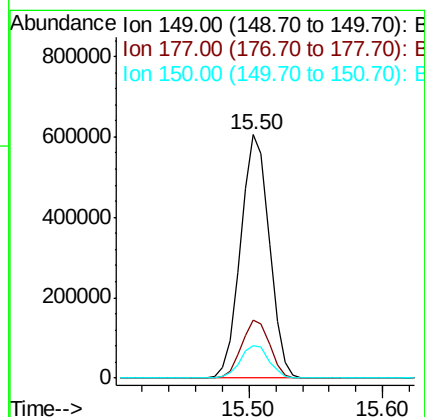
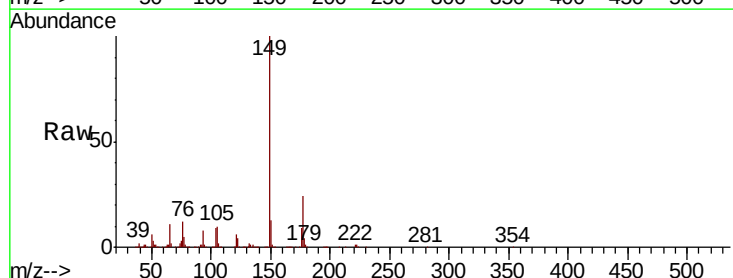
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

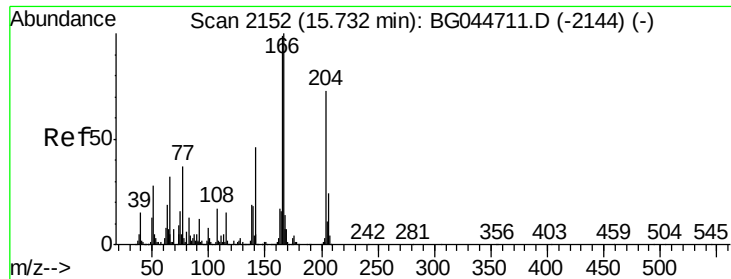
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 255275 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 43.5  | 32.4  | 48.6   |
| 130      | 2.9   | 2.0   | 3.0    |
| 166      | 30.4  | 20.5  | 30.7   |



#60  
Diethylphthalate  
Concen: 33.806 ng  
RT: 15.50 min Scan# 2113  
Delta R.T. -0.01 min  
Lab File: BG044800.D  
Acq: 14 Mar 2020 17:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 896868 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 24.0  | 18.8  | 28.2   |
| 150      | 13.2  | 11.2  | 16.8   |

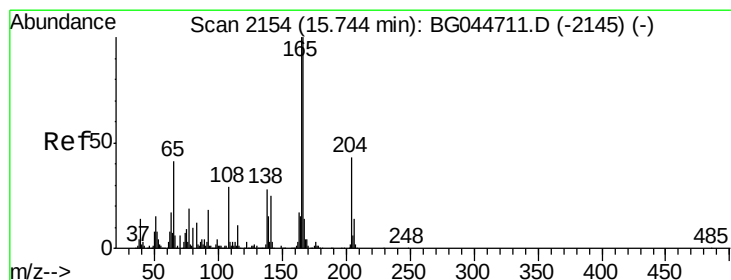
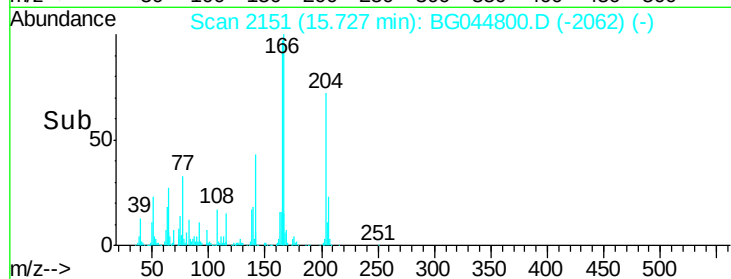
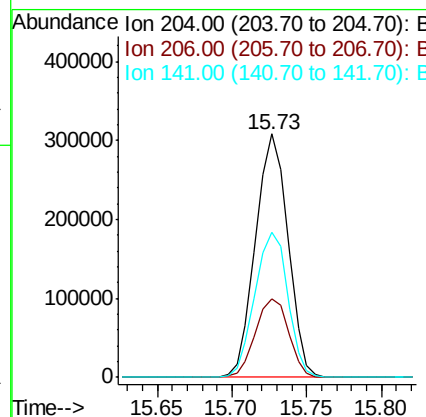
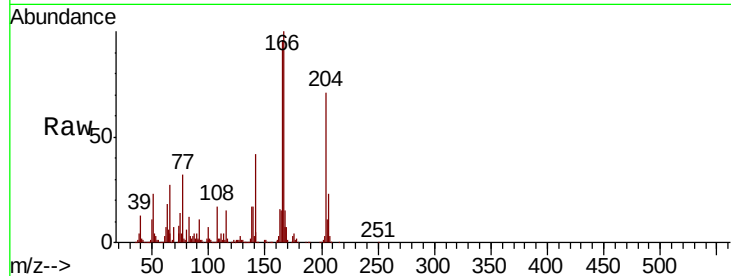




#61  
4-Chlorophenyl-phenylether  
Concen: 35.949 ng  
RT: 15.73 min Scan# 2151  
Delta R.T. -0.01 min  
Lab File: BG044800.D  
Acq: 14 Mar 2020 17:42

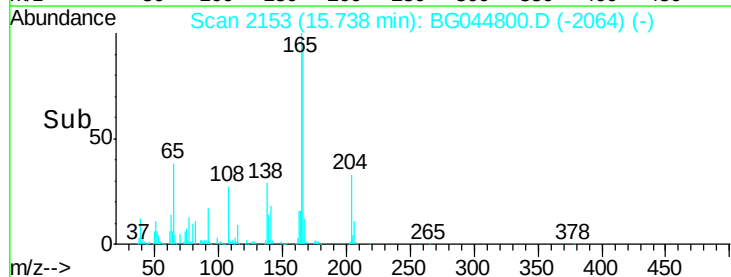
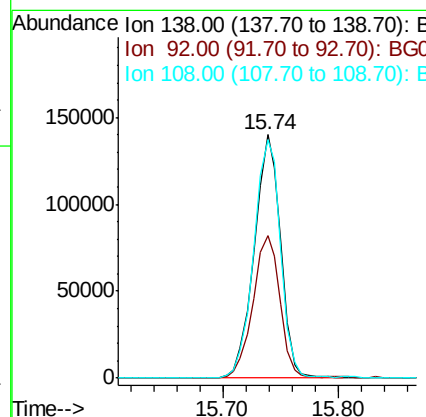
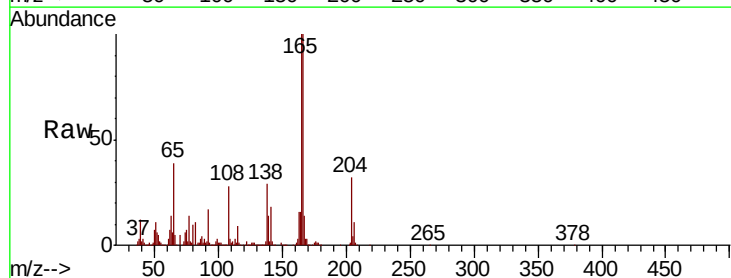
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

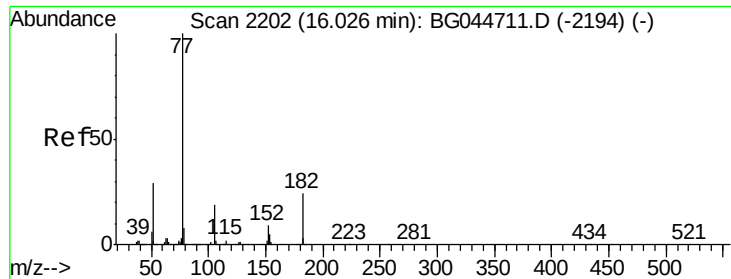
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.4  | 25.8  | 38.6  |
| 141     | 59.3  | 50.8  | 76.2  |



#62  
4-Nitroaniline  
Concen: 35.474 ng  
RT: 15.74 min Scan# 2153  
Delta R.T. -0.01 min  
Lab File: BG044800.D  
Acq: 14 Mar 2020 17:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 58.5  | 42.1  | 82.1  |
| 108     | 97.8  | 81.2  | 121.2 |

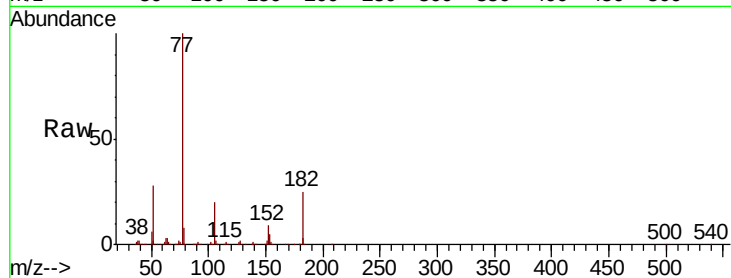




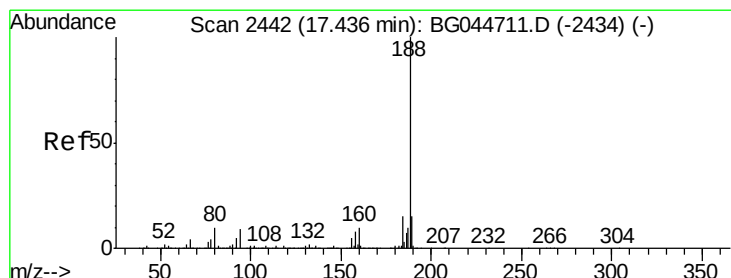
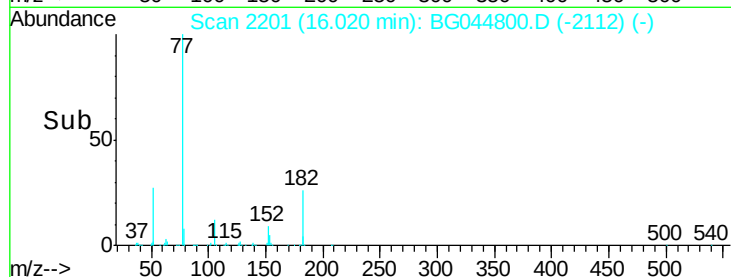
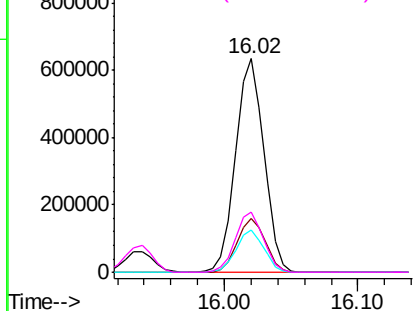
#63  
Azobenzene  
Concen: 33.820 ng  
RT: 16.02 min Scan# 2201  
Delta R.T. -0.01 min  
Lab File: BG044800.D  
Acq: 14 Mar 2020 17:42

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 931761 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 25.2  | 3.6   | 43.6   |
| 105      | 19.6  | 0.0   | 39.3   |
| 51       | 28.1  | 8.7   | 48.7   |

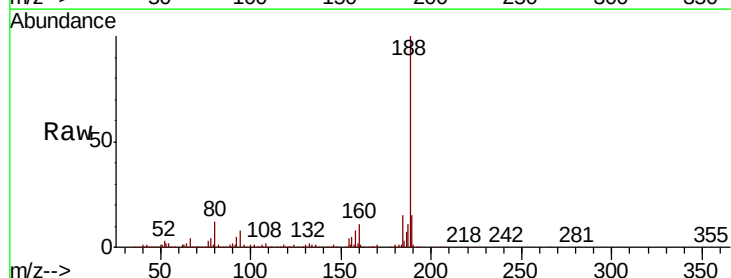


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

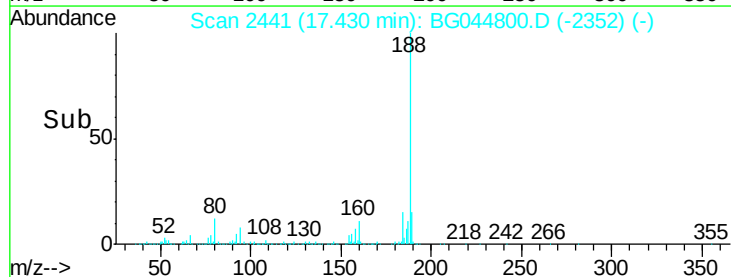
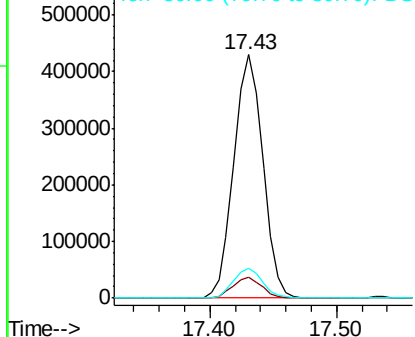


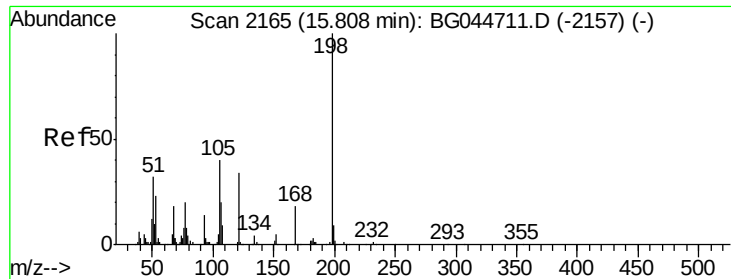
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.43 min Scan# 2441  
Delta R.T. -0.01 min  
Lab File: BG044800.D  
Acq: 14 Mar 2020 17:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 681160 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 8.4   | 7.0   | 10.6   |
| 80       | 12.3  | 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

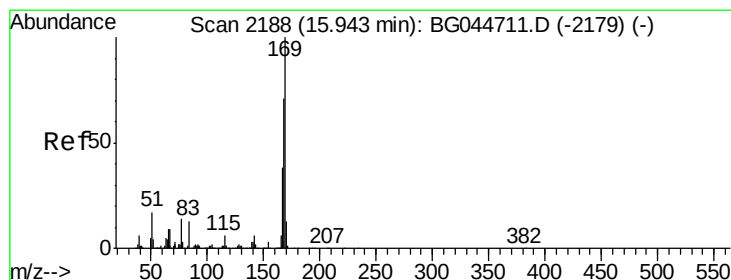
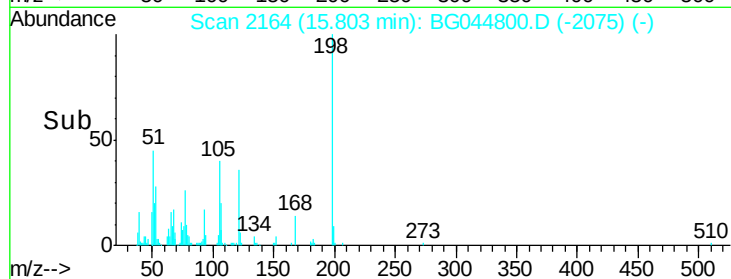
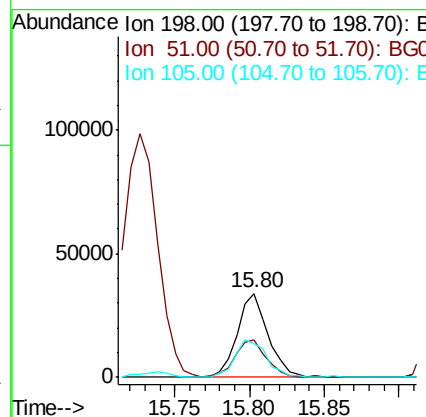
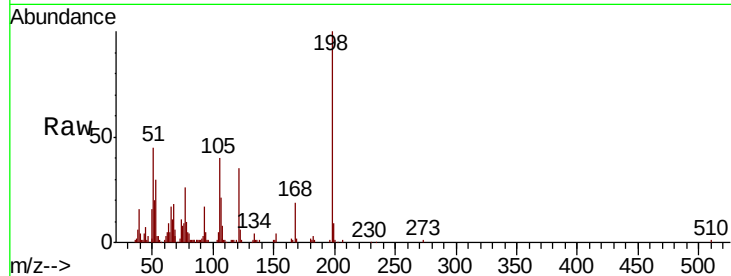




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 20.549 ng  
 RT: 15.80 min Scan# 2164  
 Delta R.T. -0.01 min  
 Lab File: BG044800.D  
 Acq: 14 Mar 2020 17:42

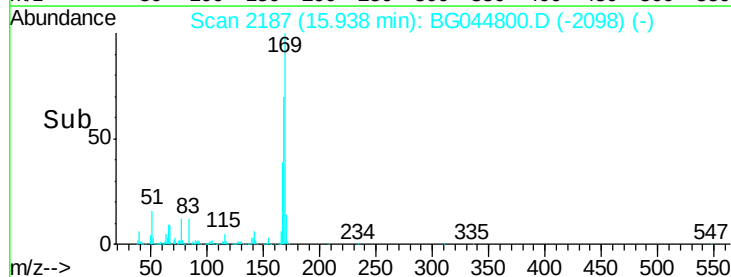
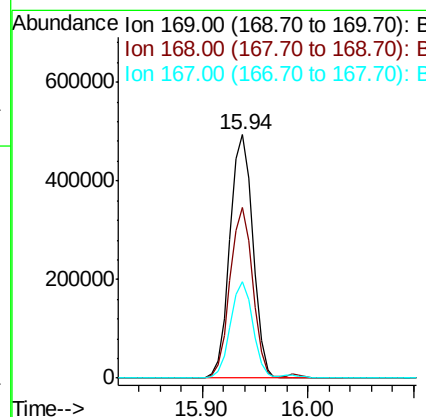
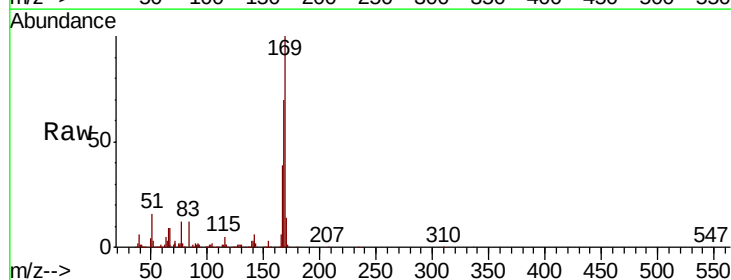
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

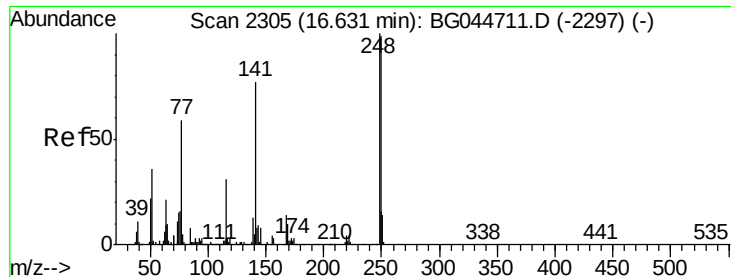
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 44.9  | 20.1  | 60.1  |
| 105     | 39.6  | 21.3  | 61.3  |



#66  
 n-Nitrosodiphenylamine  
 Concen: 36.233 ng  
 RT: 15.94 min Scan# 2187  
 Delta R.T. -0.01 min  
 Lab File: BG044800.D  
 Acq: 14 Mar 2020 17:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 70.2  | 56.6  | 85.0  |
| 167     | 39.4  | 30.1  | 45.1  |

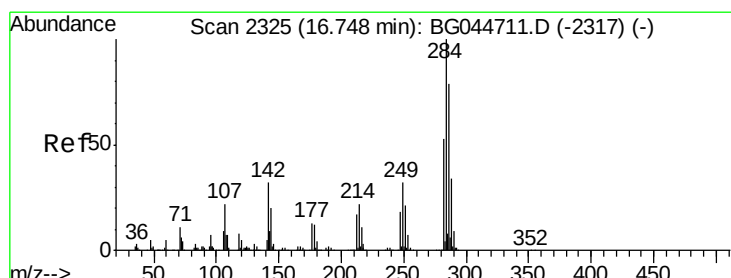
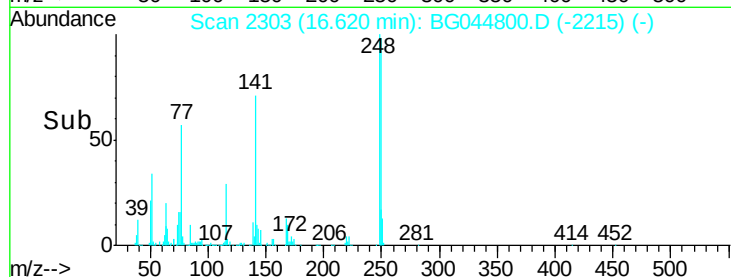
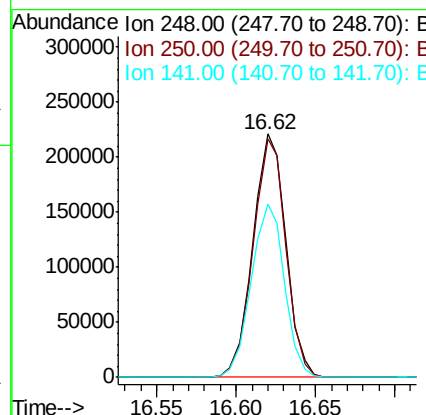
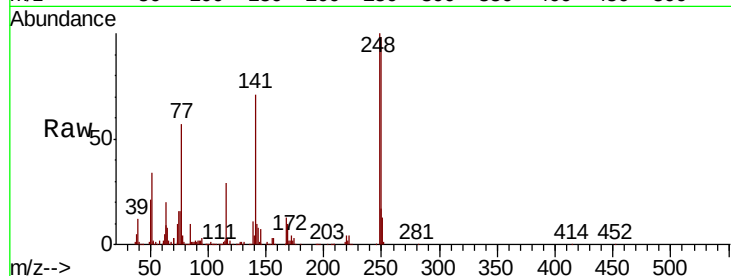




#67  
4-Bromophenyl-phenylether  
Concen: 37.514 ng  
RT: 16.62 min Scan# 2303  
Delta R.T. -0.01 min  
Lab File: BG044800.D  
Acq: 14 Mar 2020 17:42

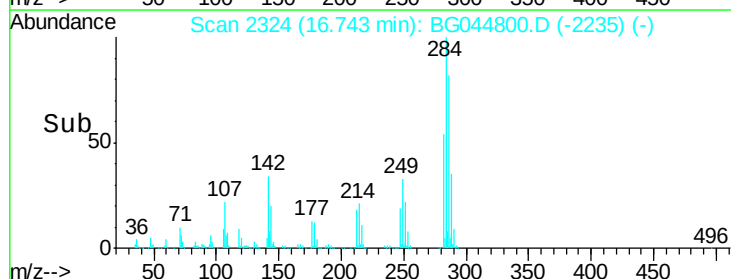
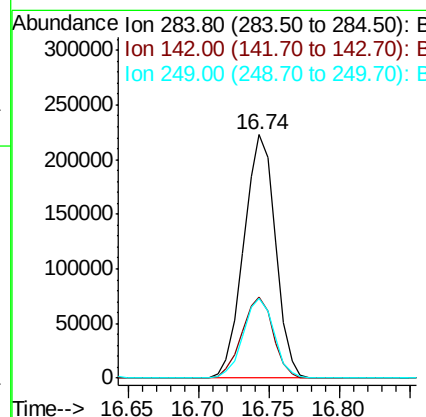
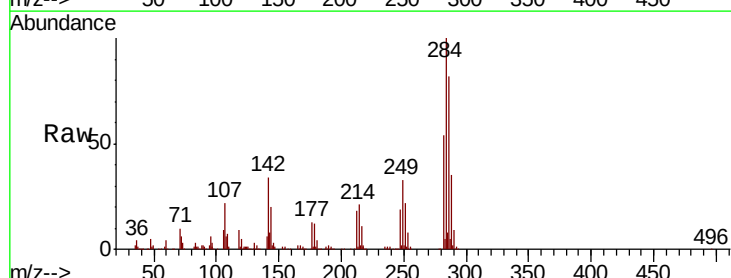
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

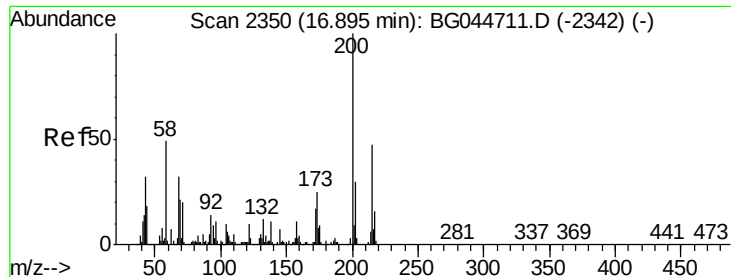
Tot Ion:248 Resp: 319451  
Ion Ratio Lower Upper  
248 100  
250 98.2 79.4 119.0  
141 71.3 61.7 92.5



#68  
Hexachlorobenzene  
Concen: 37.891 ng  
RT: 16.74 min Scan# 2324  
Delta R.T. -0.01 min  
Lab File: BG044800.D  
Acq: 14 Mar 2020 17:42

Tgt Ion:284 Resp: 350053  
Ion Ratio Lower Upper  
284 100  
142 33.6 25.6 38.4  
249 32.9 25.8 38.6





#69

Atrazine

Concen: 36.584 ng

RT: 16.88 min Scan# 2348

Delta R.T. -0.01 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

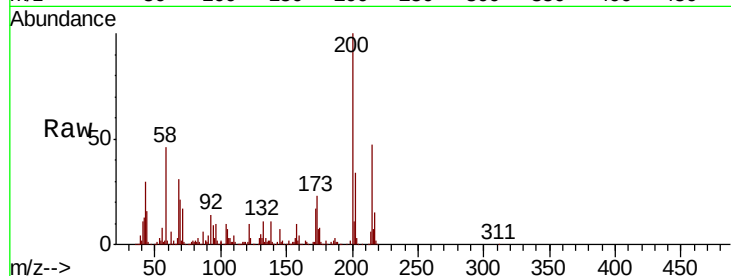
Tot Ion:200 Resp: 274875

Ion Ratio Lower Upper

200 100

173 23.4 4.8 44.8

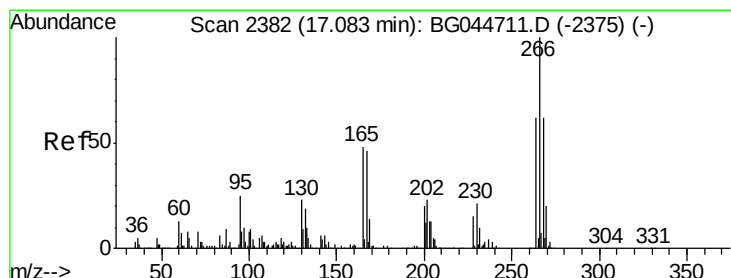
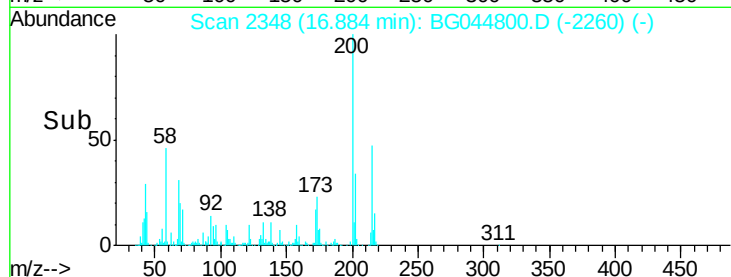
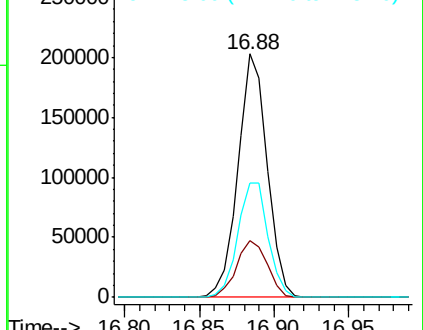
215 46.9 27.4 67.4



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: 39.796 ng

RT: 17.08 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

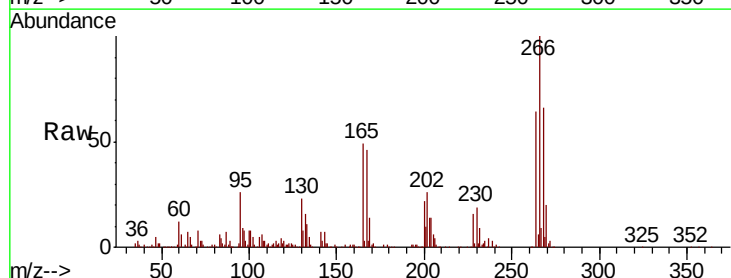
Tgt Ion:266 Resp: 202288

Ion Ratio Lower Upper

266 100

268 65.9 49.9 74.9

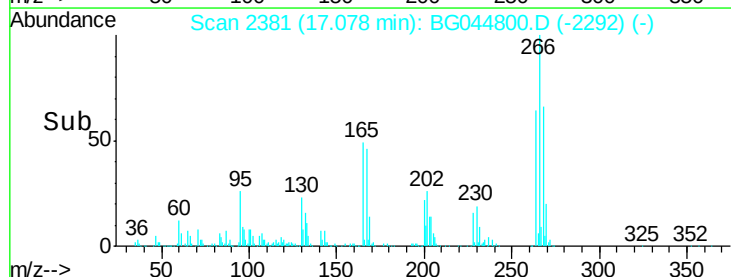
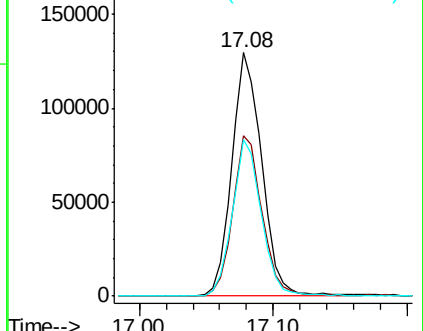
264 64.4 49.9 74.9

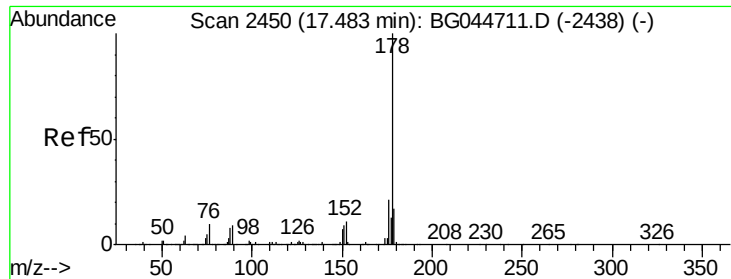


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

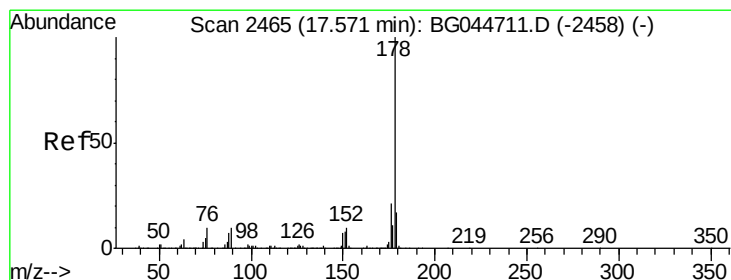
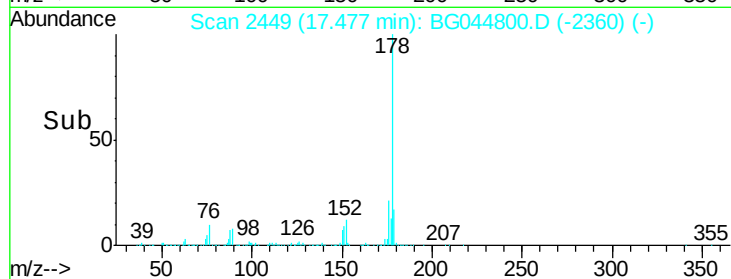
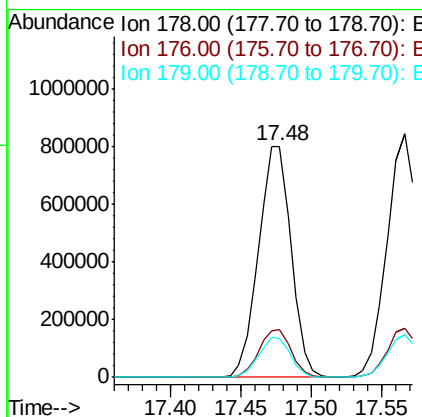
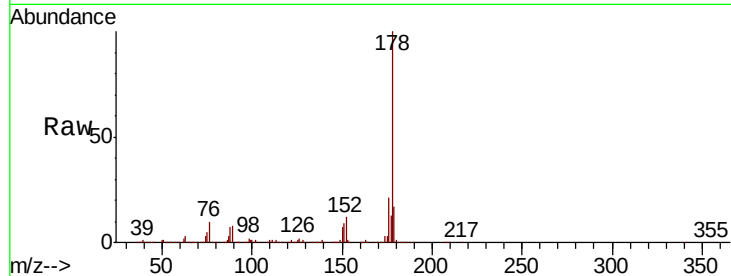




#71  
Phenanthrene  
Concen: 35.881 ng  
RT: 17.48 min Scan# 2449  
Delta R.T. -0.01 min  
Lab File: BG044800.D  
Acq: 14 Mar 2020 17:42

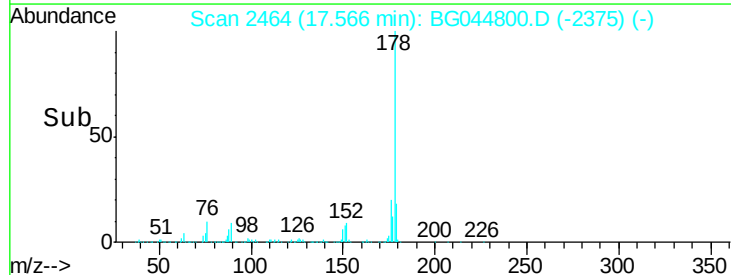
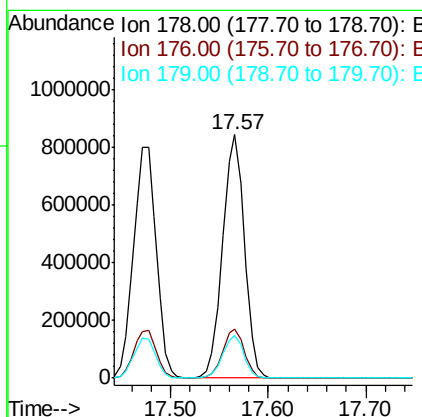
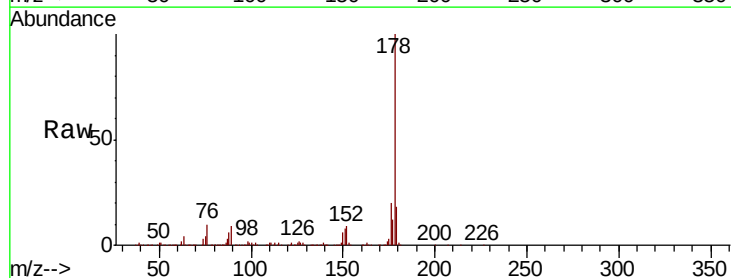
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:178 Resp: 1306055  
Ion Ratio Lower Upper  
178 100  
176 20.7 17.0 25.6  
179 17.1 13.7 20.5

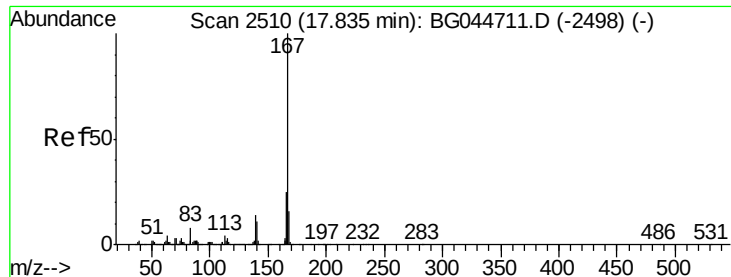


#72  
Anthracene  
Concen: 36.303 ng  
RT: 17.57 min Scan# 2464  
Delta R.T. -0.01 min  
Lab File: BG044800.D  
Acq: 14 Mar 2020 17:42

Tgt Ion:178 Resp: 1303023  
Ion Ratio Lower Upper  
178 100  
176 20.4 17.0 25.6  
179 17.6 13.8 20.8







#73

Carbazole

Concen: 35.633 ng

RT: 17.82 min Scan# 2508

Delta R.T. -0.01 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

Instrument :

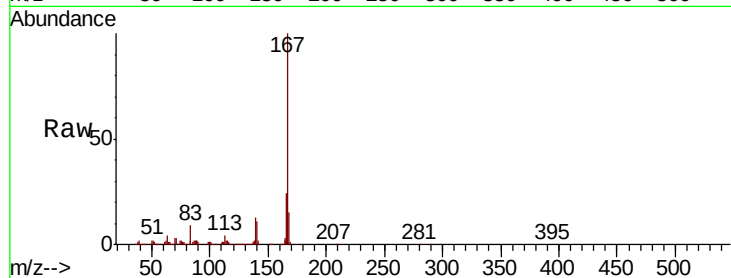
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 1228533

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 23.7  | 19.6  | 29.4  |
| 139 | 13.3  | 11.4  | 17.2  |

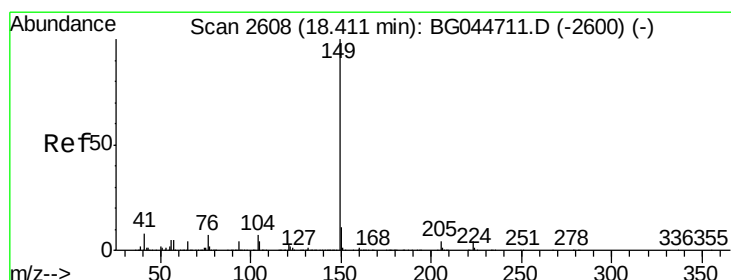
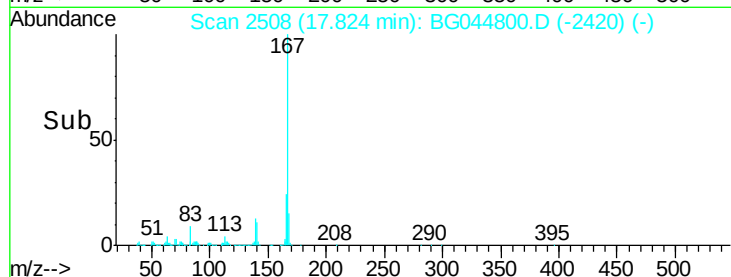
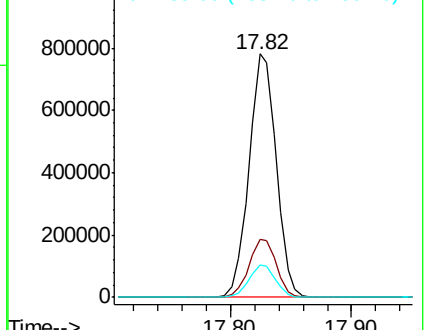


Abundance

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: 36.185 ng

RT: 18.40 min Scan# 2606

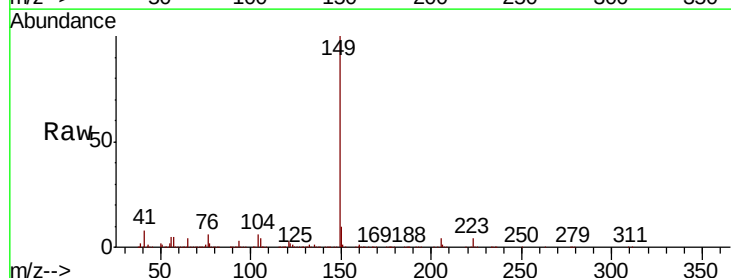
Delta R.T. -0.01 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

Tgt Ion:149 Resp: 1516558

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 10.4  | 8.4   | 12.6  |
| 104 | 6.4   | 5.6   | 8.4   |

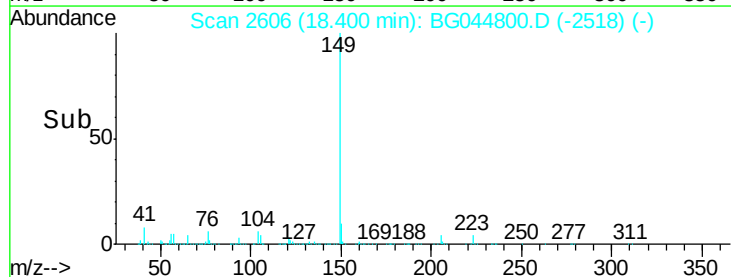
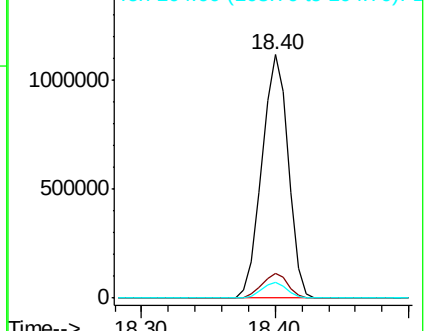


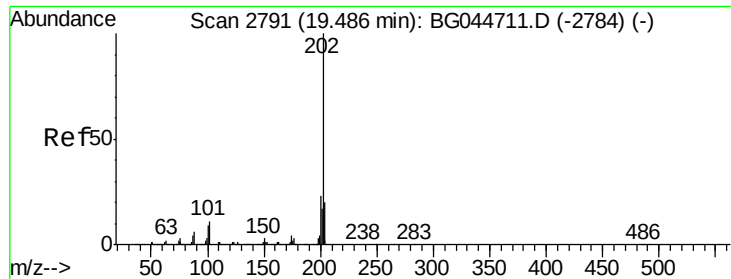
Abundance

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: 36.275 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

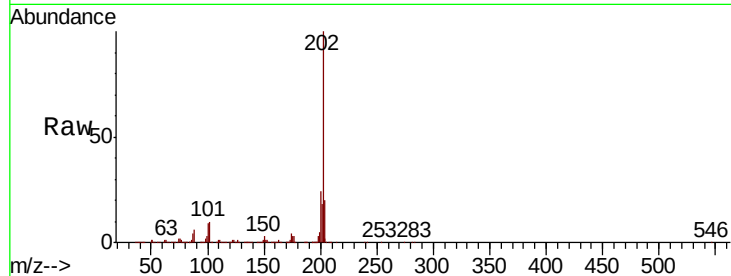
Tot Ion:202 Resp: 1572188

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 9.7   | 0.0   | 31.3  |
| 203 | 19.9  | 0.4   | 40.4  |

202 100

101 9.7 0.0 31.3

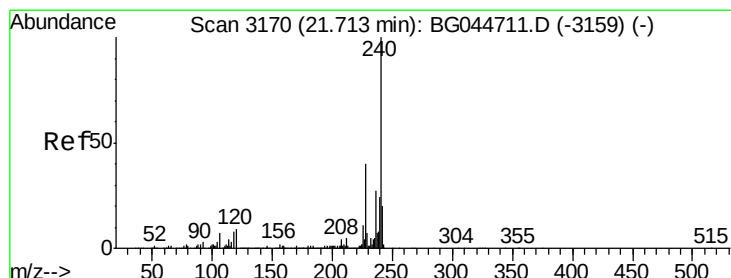
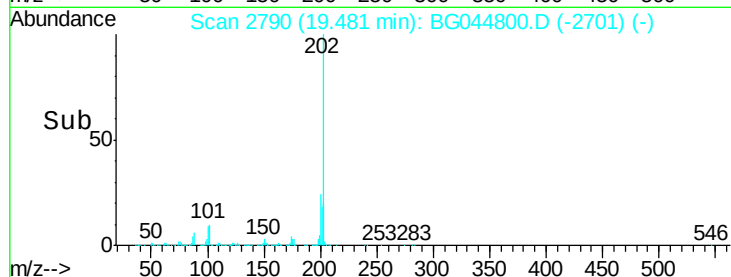
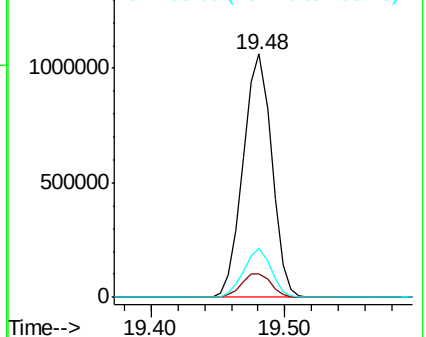
203 19.9 0.4 40.4



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: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

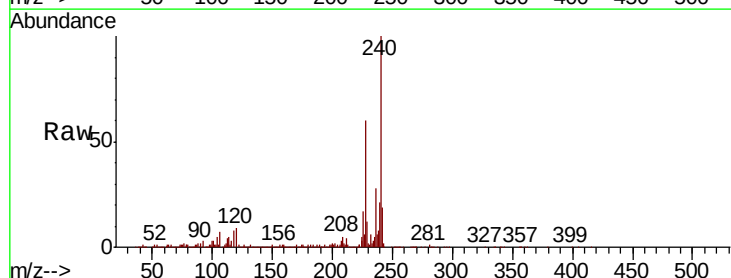
Tgt Ion:240 Resp: 574166

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 8.6   | 6.9   | 10.3  |
| 236 | 27.9  | 21.9  | 32.9  |

240 100

120 8.6 6.9 10.3

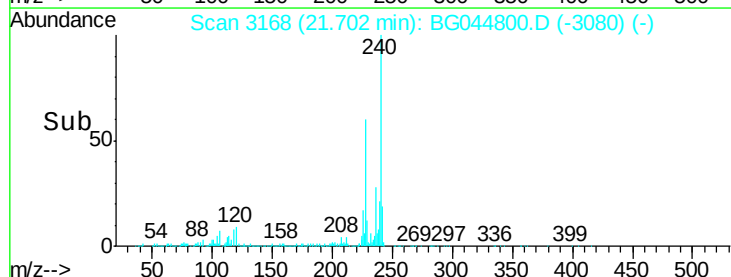
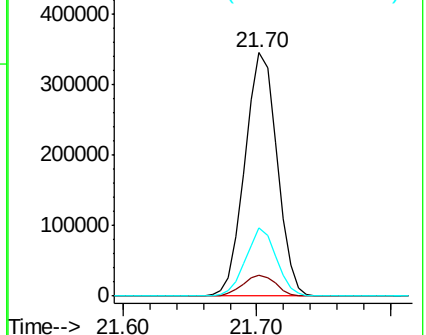
236 27.9 21.9 32.9

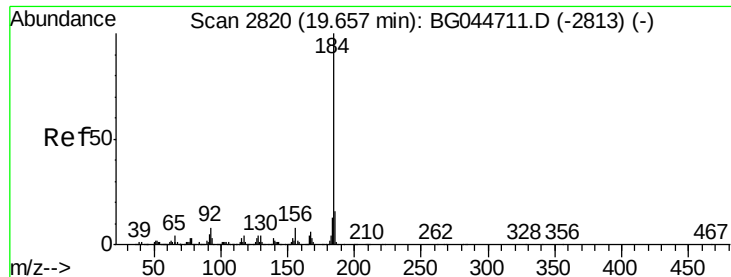


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.597 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

Instrument :

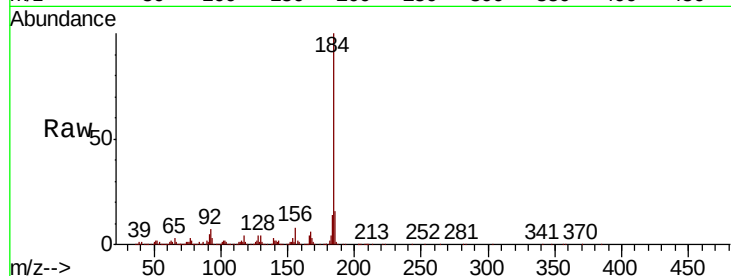
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 775361

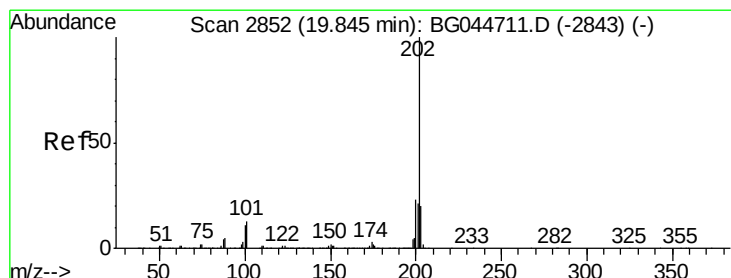
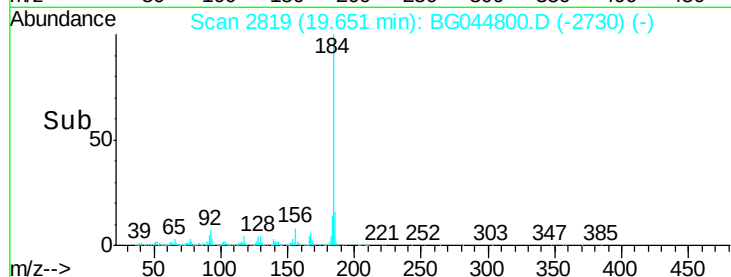
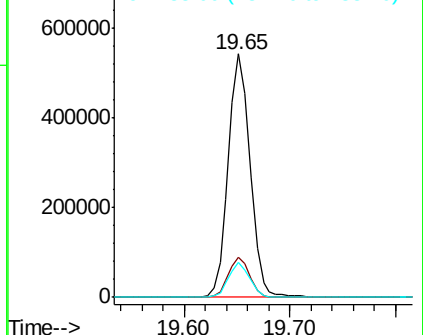
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 16.4  | 12.9  | 19.3  |
| 183 | 14.2  | 10.6  | 15.8  |



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: 37.279 ng

RT: 19.84 min Scan# 2851

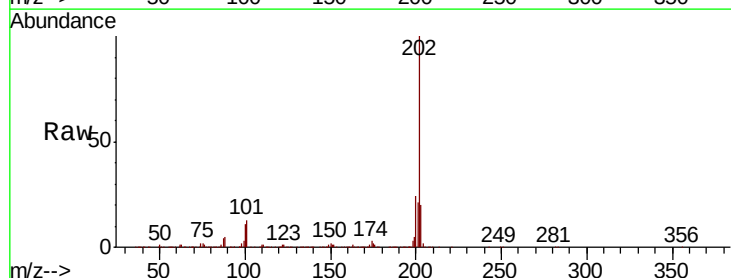
Delta R.T. -0.01 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

Tgt Ion:202 Resp: 1570352

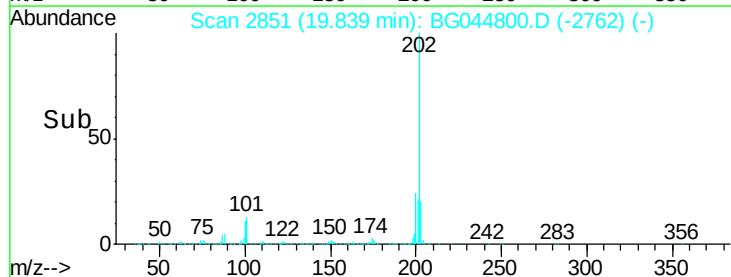
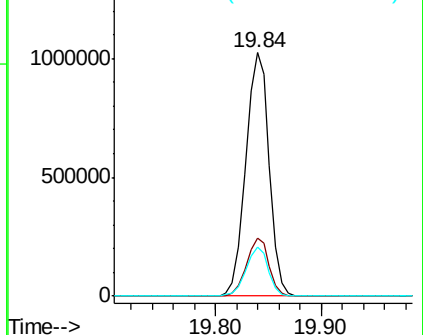
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 24.1  | 18.7  | 28.1  |
| 203 | 20.0  | 16.0  | 24.0  |

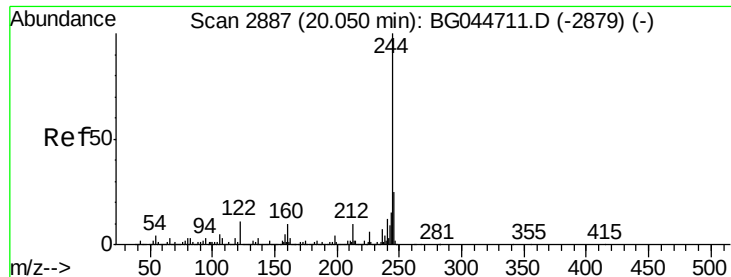


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.975 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

Instrument :

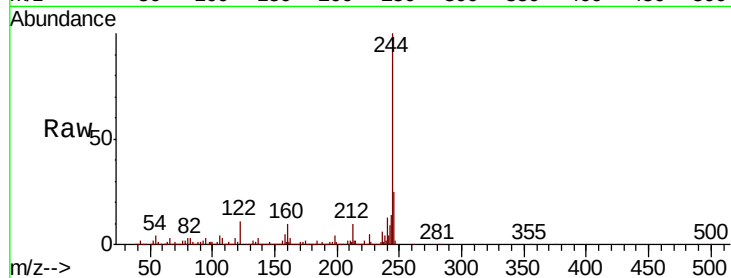
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 2239969

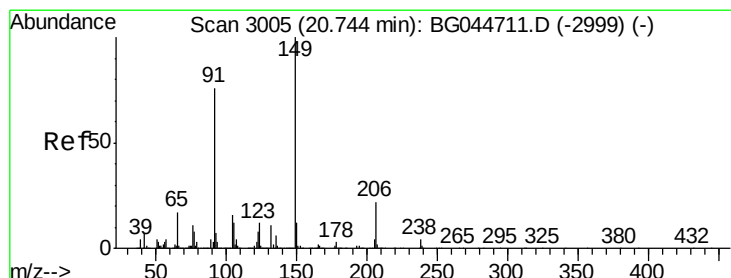
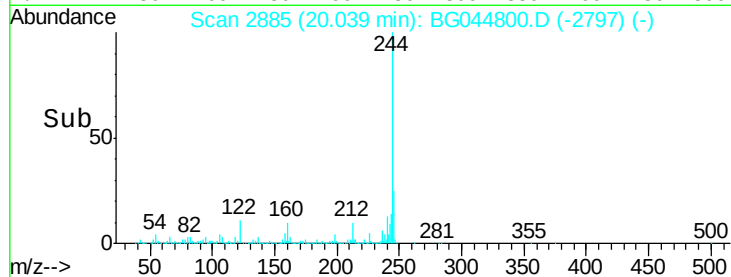
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 10.1  | 8.4   | 12.6  |
| 122 | 10.9  | 8.7   | 13.1  |



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: 37.786 ng

RT: 20.73 min Scan# 3003

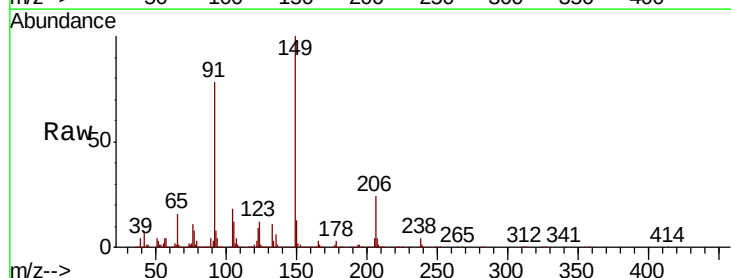
Delta R.T. -0.01 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

Tgt Ion:149 Resp: 708120

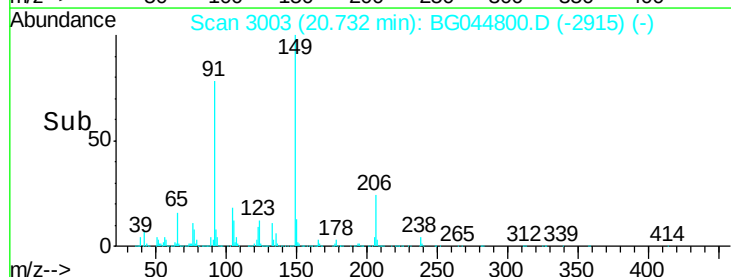
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 78.1  | 61.1  | 91.7  |
| 206 | 23.7  | 17.4  | 26.2  |

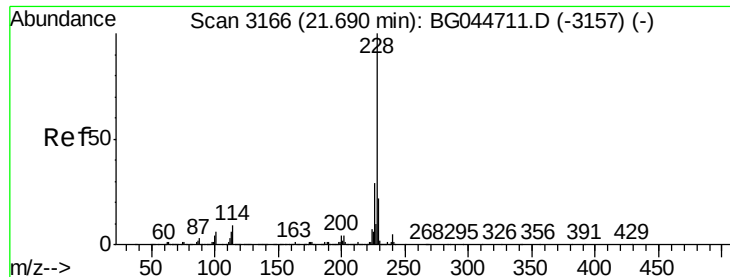


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.501 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

Instrument :

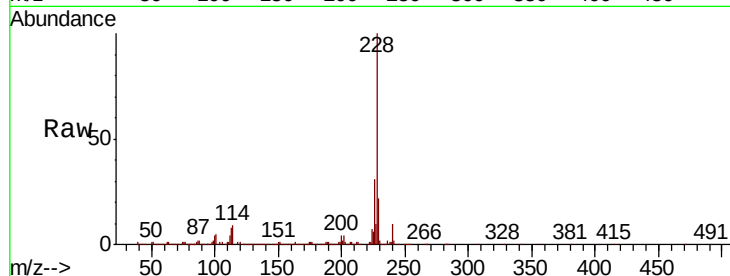
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1509102

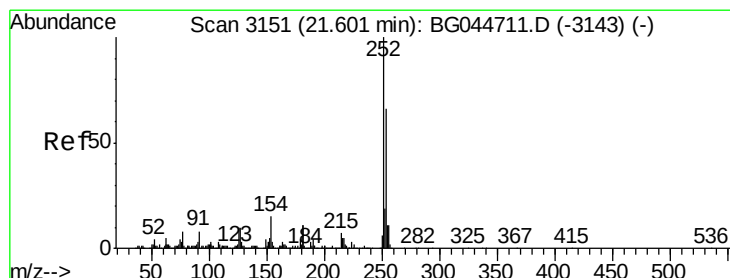
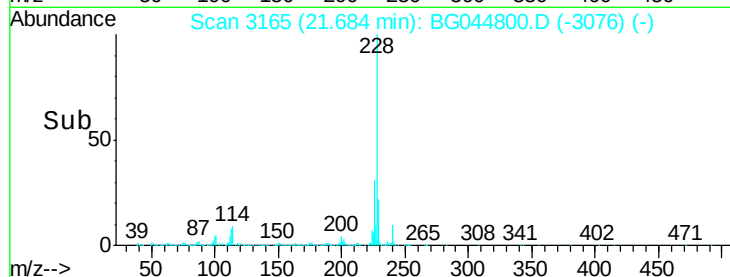
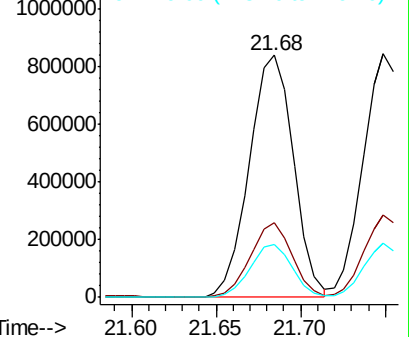
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.6  | 23.5  | 35.3  |
| 229 | 22.1  | 17.2  | 25.8  |



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: 37.560 ng

RT: 21.60 min Scan# 3150

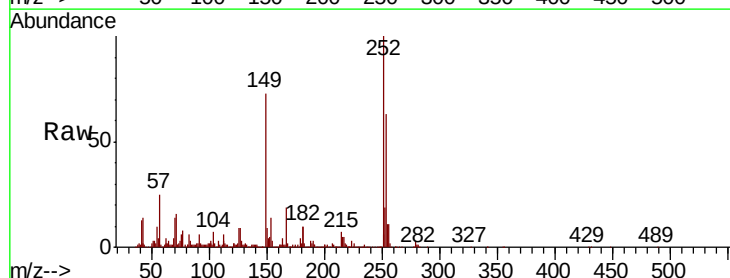
Delta R.T. -0.01 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

Tgt Ion:252 Resp: 600759

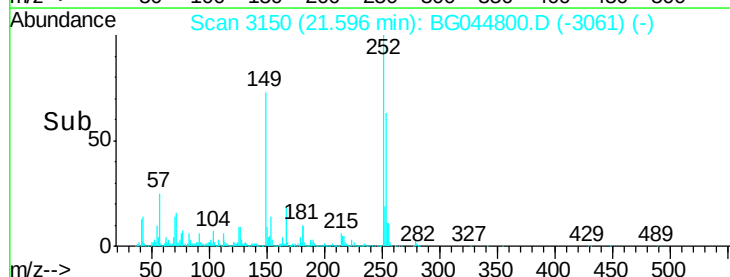
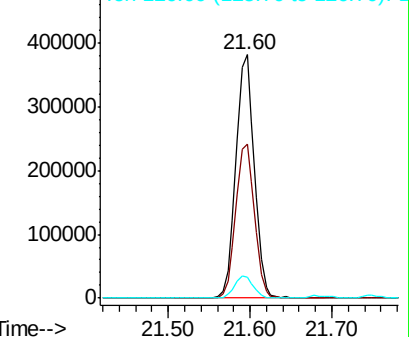
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 63.2  | 53.0  | 79.4  |
| 126 | 8.6   | 8.2   | 12.4  |

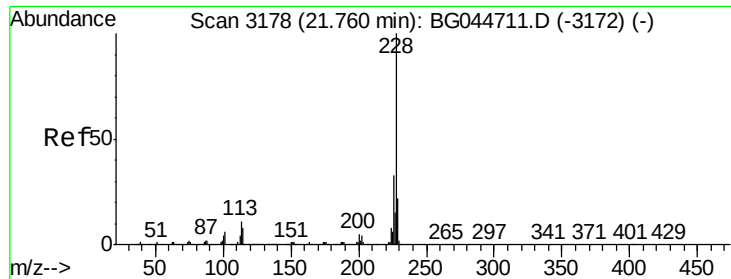


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.792 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

Instrument :

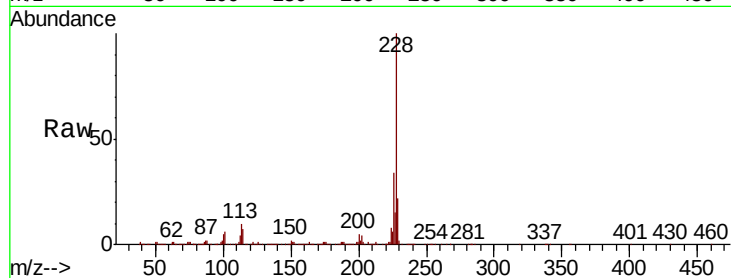
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1453023

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 33.9  | 26.1  | 39.1  |
| 229 | 22.3  | 17.4  | 26.0  |

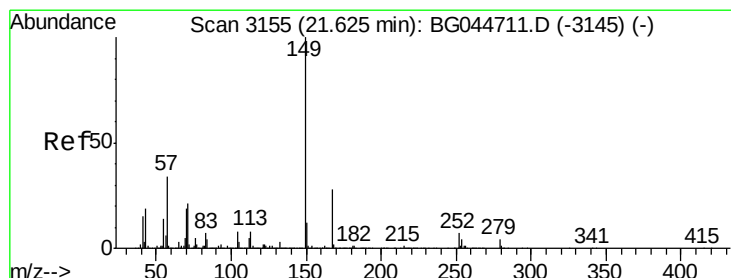
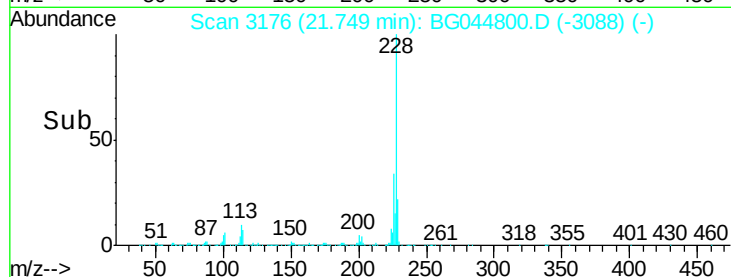
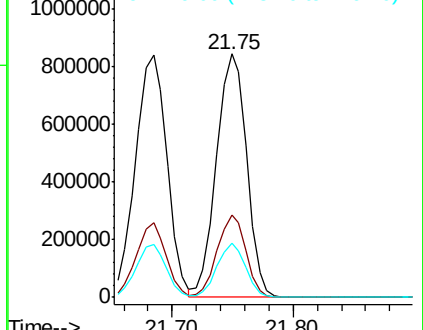


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.853 ng

RT: 21.61 min Scan# 3152

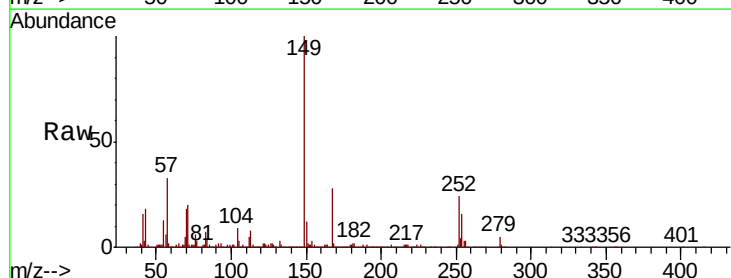
Delta R.T. -0.02 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

Tgt Ion:149 Resp: 953164

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.9  | 22.6  | 33.8  |
| 279 | 5.1   | 3.5   | 5.3   |

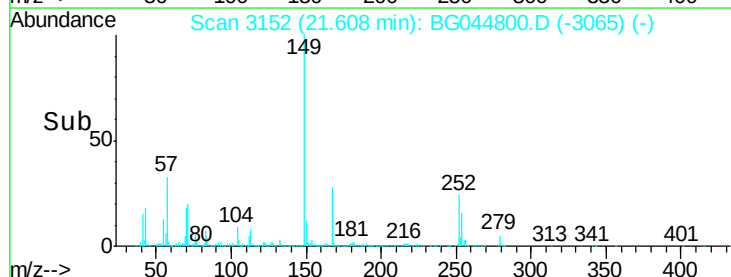
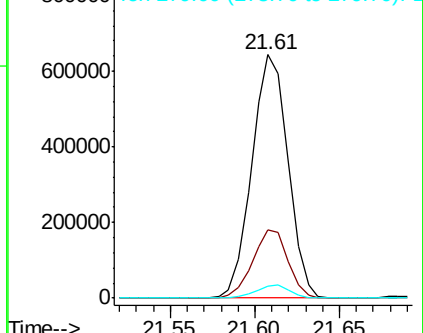


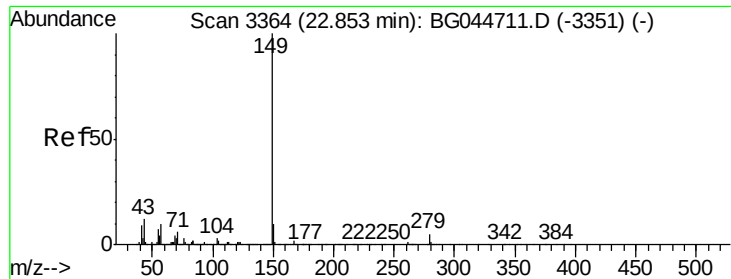
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 36.996 ng

RT: 22.83 min Scan# 3360

Delta R.T. -0.02 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

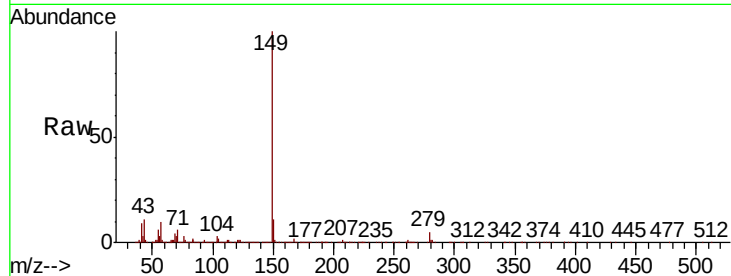
Tot Ion:149 Resp: 1601233

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

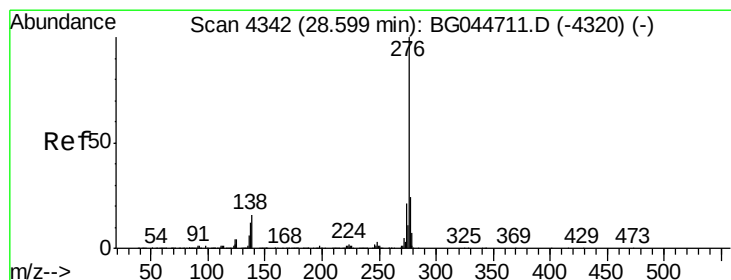
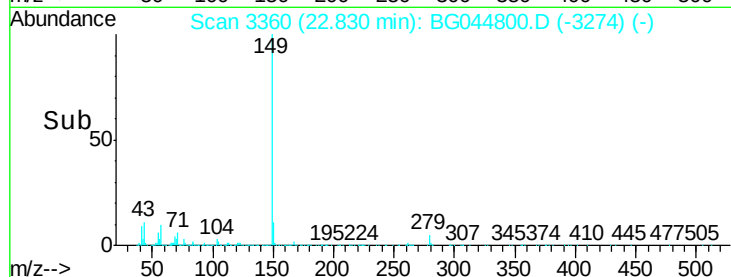
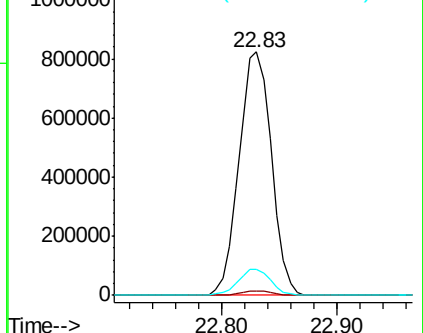
43 10.7 9.0 13.6



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: 33.791 ng

RT: 28.57 min Scan# 4337

Delta R.T. -0.03 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

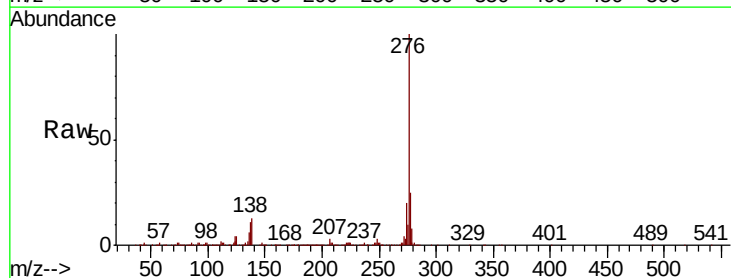
Tgt Ion:276 Resp: 1749553

Ion Ratio Lower Upper

276 100

138 12.0 10.9 16.3

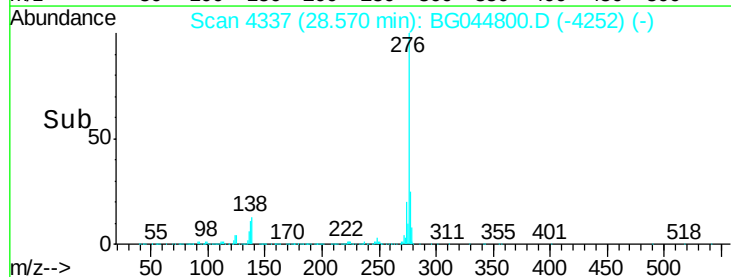
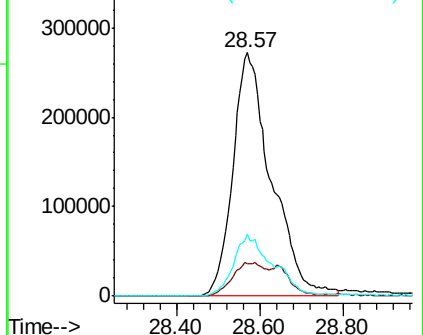
277 21.0 20.8 31.2

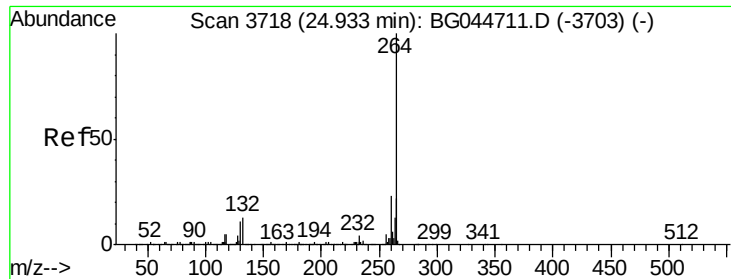


Abundance Ion 276.00 (275.70 to 276.70): E

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: BG044800.D

Acq: 14 Mar 2020 17:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

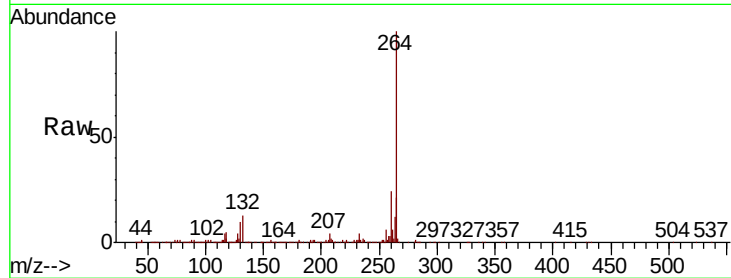
Tot Ion:264 Resp: 671432

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 21.3 17.4 26.2

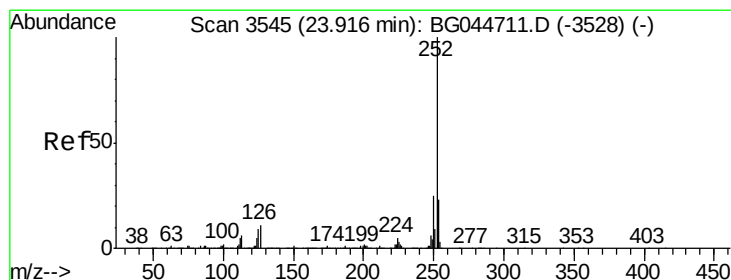
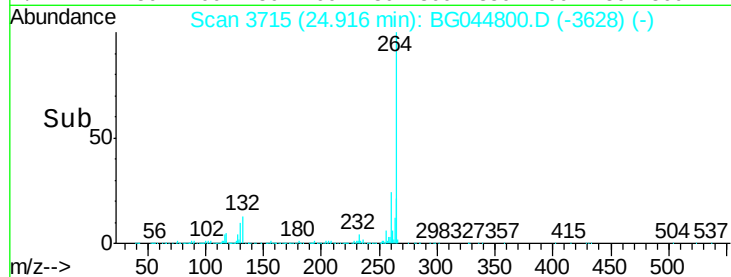
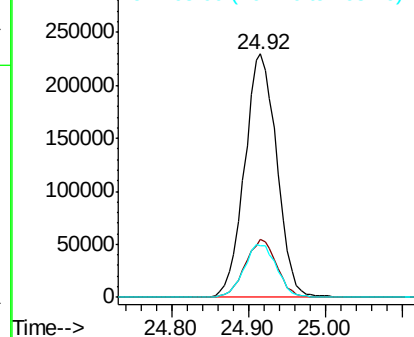


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 35.961 ng

RT: 23.91 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

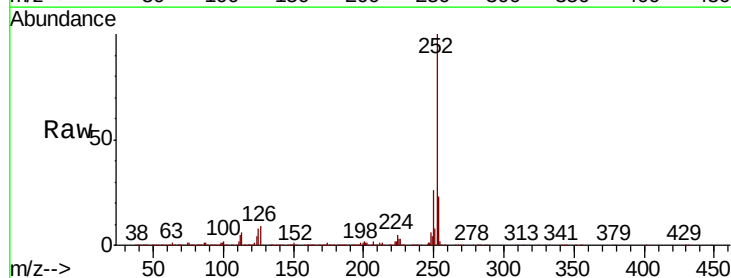
Tgt Ion:252 Resp: 1594035

Ion Ratio Lower Upper

252 100

253 23.4 18.7 28.1

125 7.6 7.2 10.8

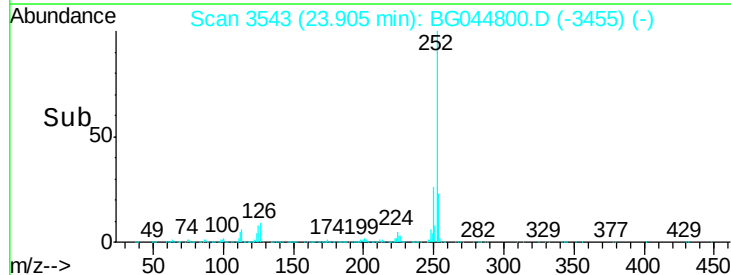
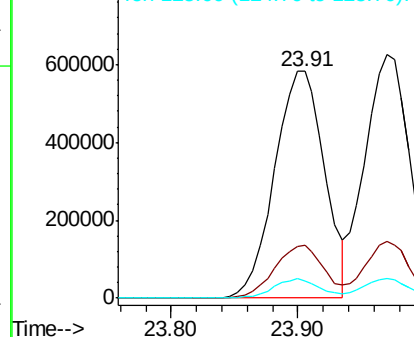


Abundance

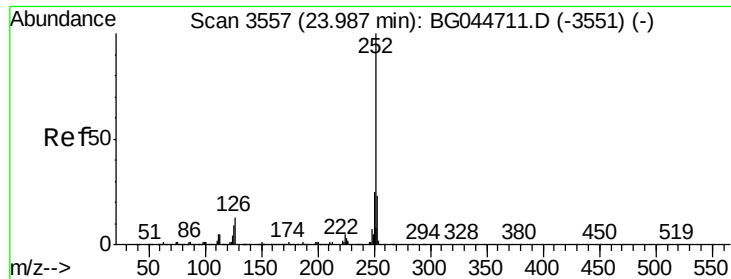
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







#89

Benzo(k)fluoranthene

Concen: 36.589 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.02 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

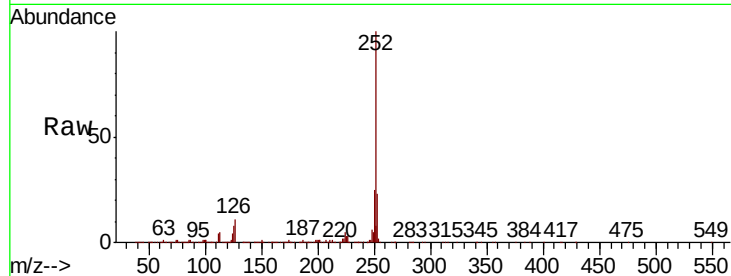
Tot Ion:252 Resp: 1534828

Ion Ratio Lower Upper

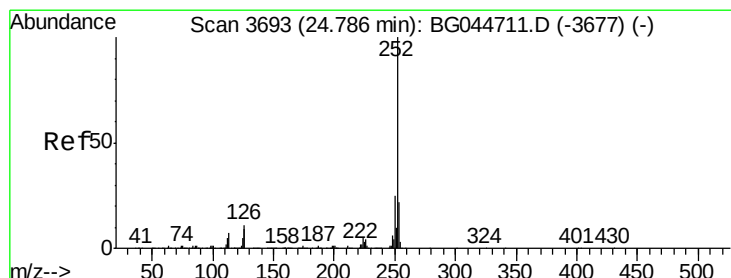
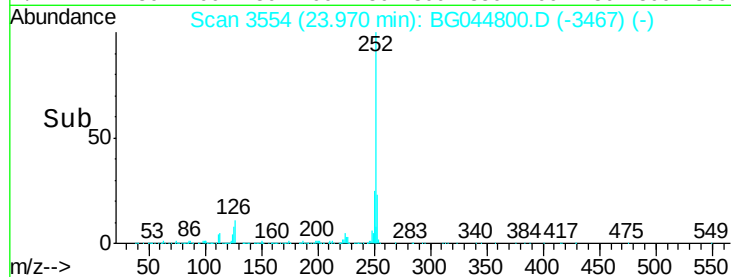
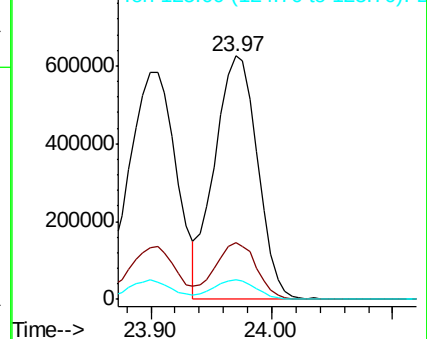
252 100

253 23.5 18.4 27.6

125 8.1 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: 36.220 ng

RT: 24.77 min Scan# 3690

Delta R.T. -0.02 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

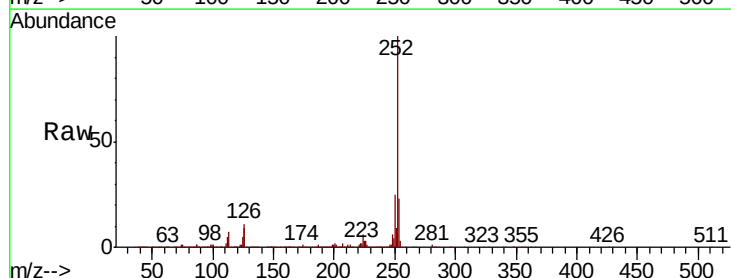
Tgt Ion:252 Resp: 1502286

Ion Ratio Lower Upper

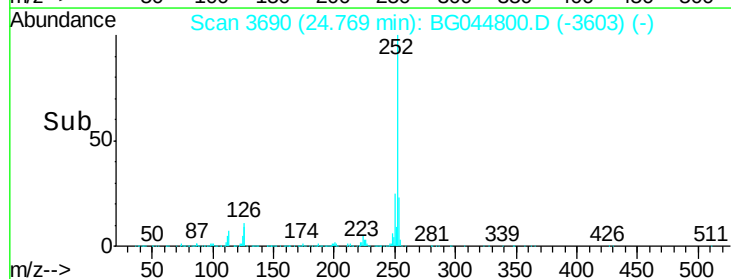
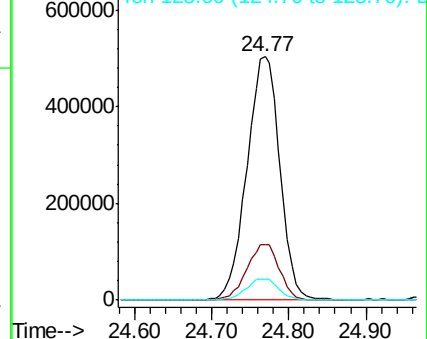
252 100

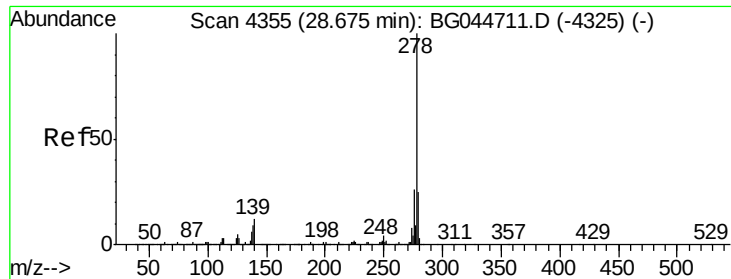
253 22.8 17.7 26.5

125 8.8 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: 34.555 ng

RT: 28.65 min Scan# 4351

Delta R.T. -0.02 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

Instrument :

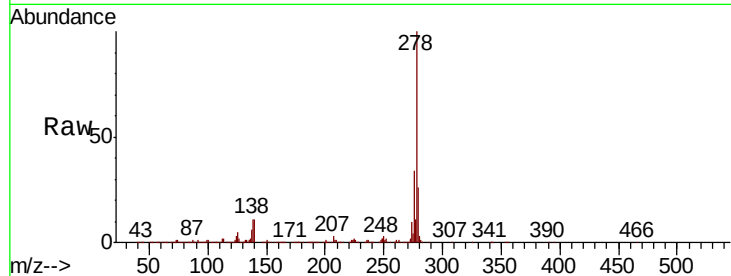
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 1413972

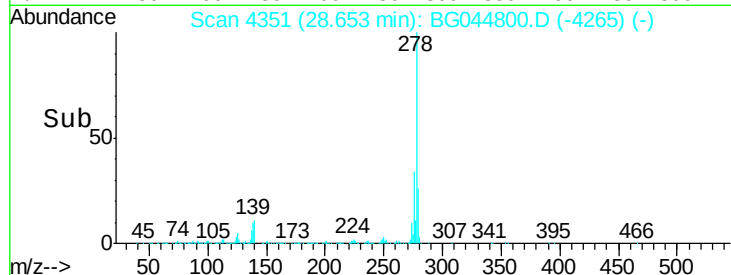
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 11.3  | 9.9   | 14.9  |
| 279 | 26.3  | 20.2  | 30.4  |



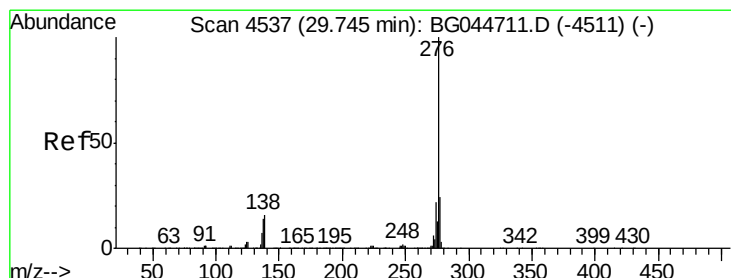
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 31.102 ng

RT: 29.71 min Scan# 4531

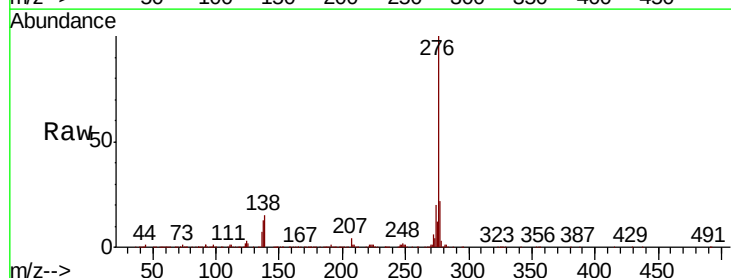
Delta R.T. -0.03 min

Lab File: BG044800.D

Acq: 14 Mar 2020 17:42

Tgt Ion:276 Resp: 1285788

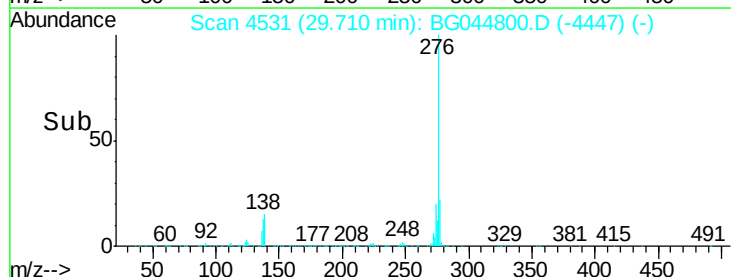
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 21.8  | 18.8  | 28.2  |
| 138 | 15.0  | 13.0  | 19.4  |



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->