

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG070117\  
 Data File : BG027775.D  
 Acq On : 1 Jul 2017 9:14  
 Operator : SJ/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Jul 01 18:06:08 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG062817.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 28 19:26:37 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.48  | 152  | 34602    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.30 | 136  | 177686   | 20.00 | ng    | 0.01     |
| 38) Acenaphthene-d10      | 15.07 | 164  | 118334   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.82 | 188  | 268492   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 22.18 | 240  | 280304   | 20.00 | ng    | 0.01     |
| 86) Perylene-d12          | 25.80 | 264  | 267273   | 20.00 | ng    | 0.01     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 6.06  | 112  | 175576   | 78.14 | ng    | 0.00     |
| 7) Phenol-d6                | 7.62  | 99   | 262425   | 76.45 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.65  | 82   | 252573   | 79.23 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 16.56 | 330  | 144937   | 89.30 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 13.69 | 172  | 697411   | 84.17 | ng    | 0.00     |
| 78) Terphenyl-d14           | 20.39 | 244  | 1014505  | 84.85 | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 4.05  | 88   | 27226    | 32.544 | ng    | 96     |
| 3) Pyridine                    | 4.43  | 79   | 91483    | 35.513 | ng    | 94     |
| 4) n-Nitrosodimethylamine      | 4.35  | 42   | 43916    | 34.764 | ng    | # 81   |
| 6) Aniline                     | 7.81  | 93   | 153229   | 38.509 | ng    | 98     |
| 8) 2-Chlorophenol              | 8.05  | 128  | 98255    | 39.131 | ng    | 89     |
| 9) Benzaldehyde                | 7.63  | 77   | 76117    | 37.264 | ng    | 80     |
| 10) Phenol                     | 7.65  | 94   | 128704   | 37.896 | ng    | 83     |
| 11) bis(2-Chloroethyl)ether    | 7.89  | 93   | 95624    | 37.067 | ng    | 98     |
| 12) 1,3-Dichlorobenzene        | 8.37  | 146  | 108245   | 40.529 | ng    | # 90   |
| 13) 1,4-Dichlorobenzene        | 8.52  | 146  | 111659   | 40.348 | ng    | 95     |
| 14) 1,2-Dichlorobenzene        | 8.84  | 146  | 109450   | 40.789 | ng    | 94     |
| 15) Benzyl Alcohol             | 8.71  | 79   | 90383    | 38.061 | ng    | # 84   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.99  | 45   | 211601   | 38.456 | ng    | 99     |
| 17) 2-Methylphenol             | 8.90  | 107  | 94838    | 39.470 | ng    | # 86   |
| 18) Hexachloroethane           | 9.57  | 117  | 39079    | 40.144 | ng    | 81     |
| 19) n-Nitroso-di-n-propylamine | 9.27  | 70   | 94862    | 37.984 | ng    | 97     |
| 20) 3+4-Methylphenols          | 9.23  | 107  | 133185   | 38.438 | ng    | 90     |
| 22) Acetophenone               | 9.30  | 105  | 167433   | 39.049 | ng    | # 89   |
| 24) Nitrobenzene               | 9.69  | 77   | 131512   | 39.461 | ng    | # 84   |
| 25) Isophorone                 | 10.20 | 82   | 269504   | 38.787 | ng    | # 95   |
| 26) 2-Nitrophenol              | 10.40 | 139  | 61687    | 40.979 | ng    | # 81   |
| 27) 2,4-Dimethylphenol         | 10.44 | 122  | 114929   | 40.762 | ng    | 91     |
| 28) bis(2-Chloroethoxy)methane | 10.67 | 93   | 148015   | 37.574 | ng    | 96     |
| 29) 2,4-Dichlorophenol         | 10.93 | 162  | 105141   | 42.551 | ng    | 99     |
| 30) 1,2,4-Trichlorobenzene     | 11.16 | 180  | 108355   | 42.997 | ng    | 98     |
| 31) Naphthalene                | 11.35 | 128  | 382847   | 40.516 | ng    | 99     |
| 32) Benzoic acid               | 10.57 | 122  | 53823    | 34.328 | ng    | # 73   |
| 33) 4-Chloroaniline            | 11.45 | 127  | 161599   | 39.586 | ng    | # 89   |
| 34) Hexachlorobutadiene        | 11.62 | 225  | 64778    | 46.133 | ng    | 96     |
| 35) Caprolactam                | 12.22 | 113  | 45350    | 36.490 | ng    | 97     |
| 36) 4-Chloro-3-methylphenol    | 12.53 | 107  | 143650   | 41.315 | ng    | 92     |
| 37) 2-Methylnaphthalene        | 12.92 | 142  | 293777   | 41.741 | ng    | 93     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.28 | 216  | 136598   | 43.928 | ng    | 99     |
| 40) Hexachlorocyclopentadiene  | 13.25 | 237  | 68121    | 46.464 | ng    | 97     |

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 ALS Vial : 2 Sample Multiplier: 1

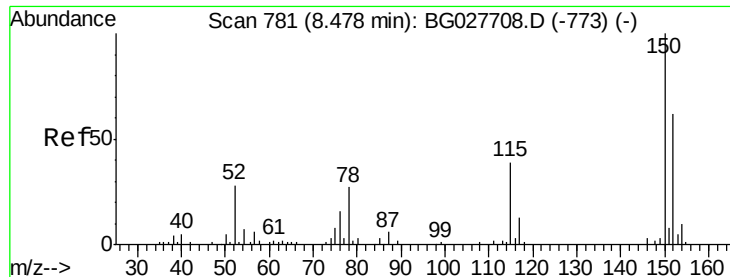
Instrument :  
 BNA\_G  
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Quant Time: Jul 01 18:06:08 2017  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.51 | 196  | 92254    | 41.077 | ng    | 95       |
| 43) 2,4,5-Trichlorophenol      | 13.58 | 196  | 107954   | 42.422 | ng    | 94       |
| 45) 1,1'-Biphenyl              | 13.91 | 154  | 391124   | 41.237 | ng    | 98       |
| 46) 2-Chloronaphthalene        | 13.95 | 162  | 291647   | 40.704 | ng    | 97       |
| 47) 2-Nitroaniline             | 14.15 | 65   | 112822   | 39.338 | ng    | # 86     |
| 48) Acenaphthylene             | 14.80 | 152  | 536329   | 40.964 | ng    | 97       |
| 49) Dimethylphthalate          | 14.51 | 163  | 387927   | 38.429 | ng    | 97       |
| 50) 2,6-Dinitrotoluene         | 14.63 | 165  | 90254    | 41.129 | ng    | 84       |
| 51) Acenaphthene               | 15.13 | 154  | 342974   | 40.872 | ng    | 94       |
| 52) 3-Nitroaniline             | 14.97 | 138  | 97665    | 37.831 | ng    | # 78     |
| 53) 2,4-Dinitrophenol          | 15.17 | 184  | 42714    | 40.240 | ng    | 92       |
| 54) Dibenzofuran               | 15.46 | 168  | 450697   | 40.619 | ng    | 97       |
| 55) 4-Nitrophenol              | 15.26 | 139  | 67502    | 34.253 | ng    | # 67     |
| 56) 2,4-Dinitrotoluene         | 15.42 | 165  | 122862   | 40.141 | ng    | # 88     |
| 57) Fluorene                   | 16.12 | 166  | 431615   | 40.119 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.69 | 232  | 89107    | 40.620 | ng    | 90       |
| 59) Diethylphthalate           | 15.86 | 149  | 424340   | 37.962 | ng    | 95       |
| 60) 4-Chlorophenyl-phenylether | 16.09 | 204  | 197612   | 41.494 | ng    | 92       |
| 61) 4-Nitroaniline             | 16.13 | 138  | 99117    | 36.853 | ng    | # 64     |
| 62) Azobenzene                 | 16.39 | 77   | 375393   | 38.219 | ng    | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 16.19 | 198  | 67238    | 41.119 | ng    | 86       |
| 65) n-Nitrosodiphenylamine     | 16.31 | 169  | 360955   | 41.327 | ng    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.99 | 248  | 125710   | 44.766 | ng    | 93       |
| 67) Hexachlorobenzene          | 17.12 | 284  | 133640   | 44.937 | ng    | 94       |
| 68) Atrazine                   | 17.24 | 200  | 116950   | 42.412 | ng    | 96       |
| 69) Pentachlorophenol          | 17.46 | 266  | 69024    | 39.718 | ng    | 97       |
| 70) Phenanthrene               | 17.86 | 178  | 625496   | 40.354 | ng    | 93       |
| 71) Anthracene                 | 17.95 | 178  | 630127   | 40.258 | ng    | 98       |
| 72) Carbazole                  | 18.22 | 167  | 605812   | 39.301 | ng    | 95       |
| 73) Di-n-butylphthalate        | 18.74 | 149  | 681337   | 40.222 | ng    | # 94     |
| 74) Fluoranthene               | 19.85 | 202  | 691105   | 40.797 | ng    | 93       |
| 76) Benzidine                  | 20.02 | 184  | 262965   | 39.987 | ng    | 96       |
| 77) Pyrene                     | 20.22 | 202  | 709843   | 40.353 | ng    | 94       |
| 79) Butylbenzylphthalate       | 21.09 | 149  | 309405   | 39.053 | ng    | # 89     |
| 80) Benzo(a)anthracene         | 22.16 | 228  | 687551   | 40.571 | ng    | 95       |
| 81) 3,3'-Dichlorobenzidine     | 22.06 | 252  | 253203   | 41.166 | ng    | # 98     |
| 82) Chrysene                   | 22.24 | 228  | 650948   | 40.980 | ng    | 95       |
| 83) Bis(2-ethylhexyl)phthalate | 22.01 | 149  | 454161   | 39.227 | ng    | # 94     |
| 84) Di-n-octyl phthalate       | 23.36 | 149  | 759439   | 39.704 | ng    | # 92     |
| 85) Indeno(1,2,3-cd)pyrene     | 29.97 | 276  | 778183   | 42.863 | ng    | # 96     |
| 87) Benzo(b)fluoranthene       | 24.64 | 252  | 709571   | 41.208 | ng    | # 96     |
| 88) Benzo(k)fluoranthene       | 24.72 | 252  | 677801   | 39.822 | ng    | # 92     |
| 89) Benzo(a)pyrene             | 25.63 | 252  | 649741   | 40.213 | ng    | # 95     |
| 90) Dibenzo(a,h)anthracene     | 30.03 | 278  | 673860   | 41.168 | ng    | # 95     |
| 91) Benzo(g,h,i)perylene       | 31.27 | 276  | 645915   | 41.060 | ng    | # 90     |

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

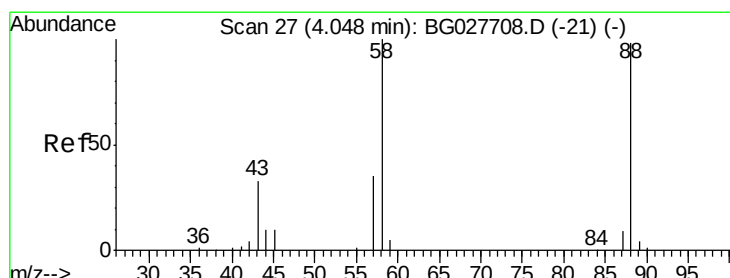
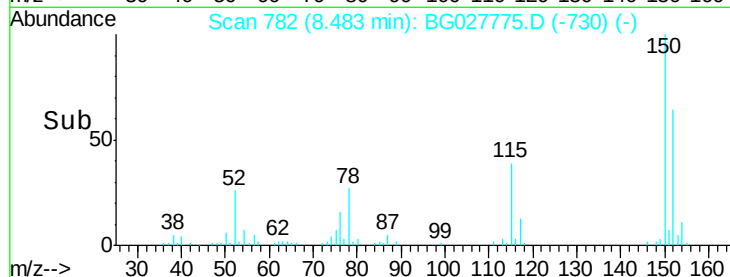
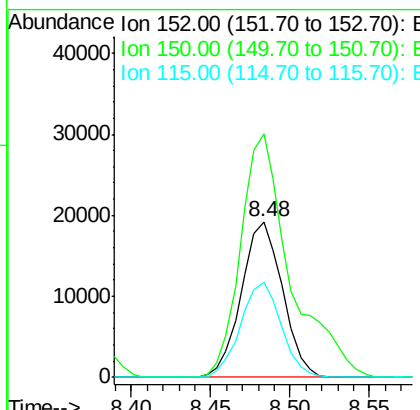
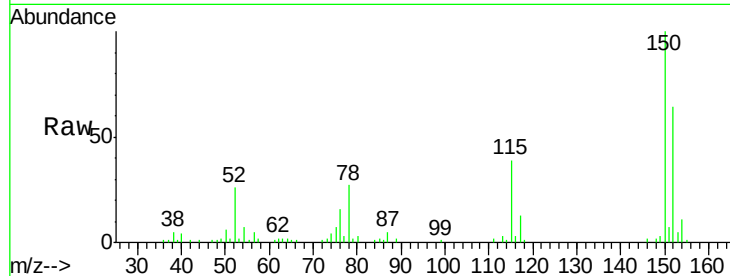




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.48 min Scan# 782  
 Delta R.T. 0.00 min  
 Lab File: BG027775.D  
 Acq: 1 Jul 2017 9:14

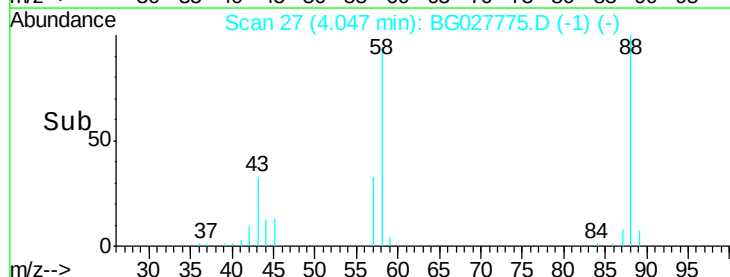
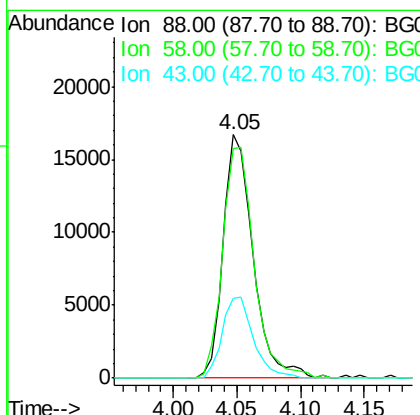
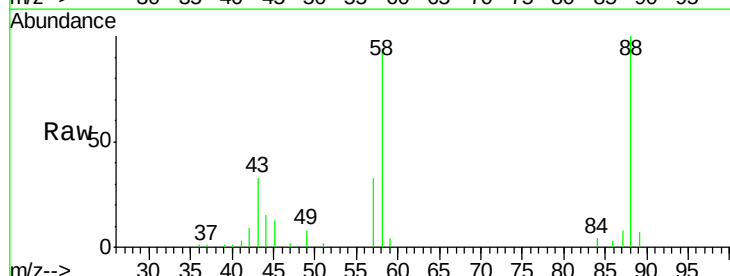
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

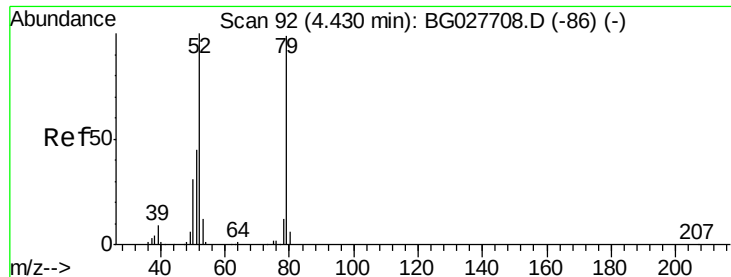
Tgt Ion:152 Resp: 34602  
 Ion Ratio Lower Upper  
 152 100  
 150 156.6 114.0 171.0  
 115 61.4 48.1 72.1



#2  
 1,4-Dioxane  
 Concen: 32.544 ng  
 RT: 4.05 min Scan# 27  
 Delta R.T. -0.00 min  
 Lab File: BG027775.D  
 Acq: 1 Jul 2017 9:14

Tgt Ion: 88 Resp: 27226  
 Ion Ratio Lower Upper  
 88 100  
 58 100.5 79.4 119.2  
 43 34.6 33.8 50.6





#3

Pyridine

Concen: 35.513 ng

RT: 4.43 min Scan# 92

Delta R.T. -0.00 min

Lab File: BG027775.D

Acq: 1 Jul 2017 9:14

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

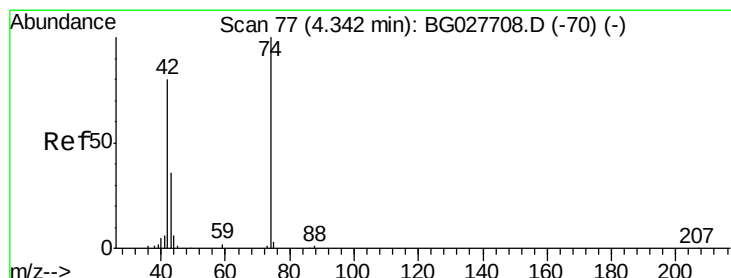
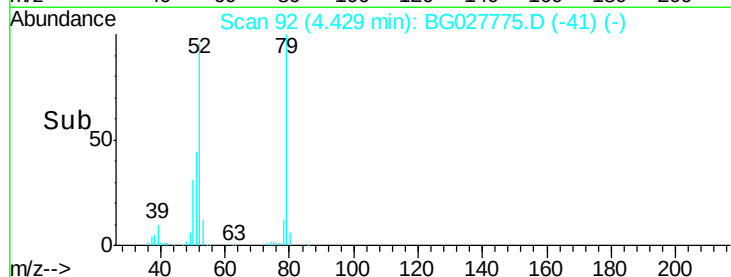
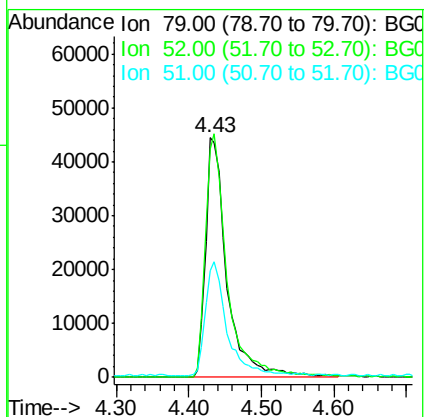
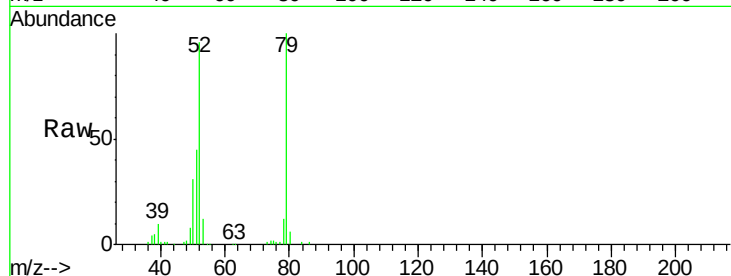
Tgt Ion: 79 Resp: 91483

Ion Ratio Lower Upper

79 100

52 95.6 77.8 116.6

51 44.8 43.2 64.8



#4

n-Nitrosodimethylamine

Concen: 34.764 ng

RT: 4.35 min Scan# 78

Delta R.T. 0.00 min

Lab File: BG027775.D

Acq: 1 Jul 2017 9:14

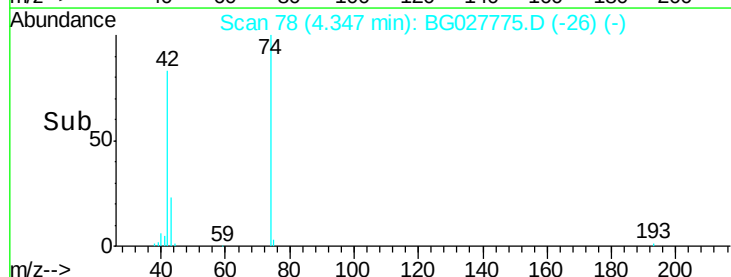
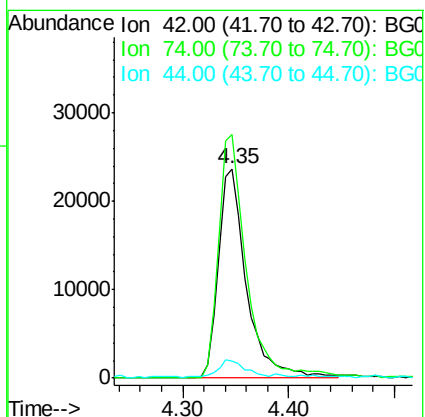
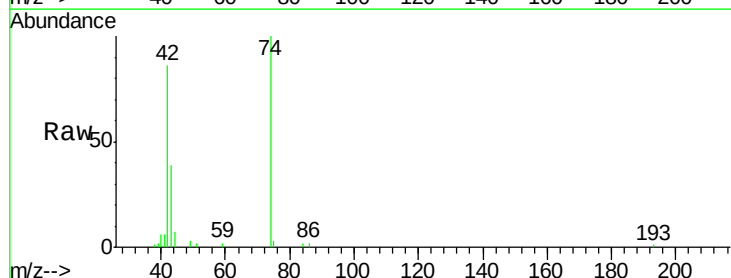
Tgt Ion: 42 Resp: 43916

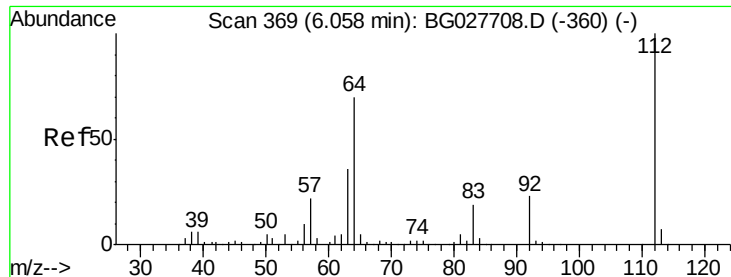
Ion Ratio Lower Upper

42 100

74 116.4 76.7 115.1#

44 7.9 6.1 9.1





#5

2-Fluorophenol

Concen: 78.137 ng

RT: 6.06 min Scan# 369

Delta R.T. -0.00 min

Lab File: BG027775.D

Acq: 1 Jul 2017 9:14

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

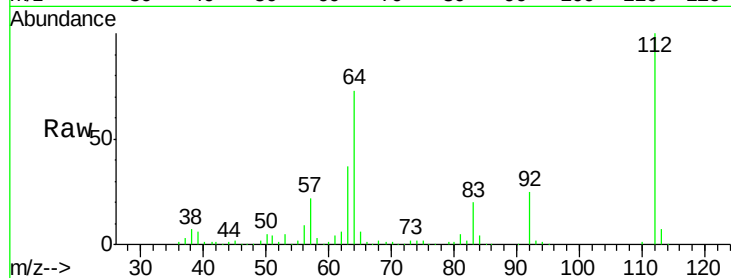
Tgt Ion: 112 Resp: 175576

Ion Ratio Lower Upper

112 100

64 72.8 61.8 92.6

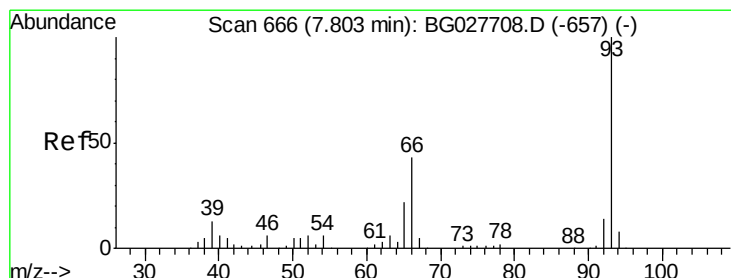
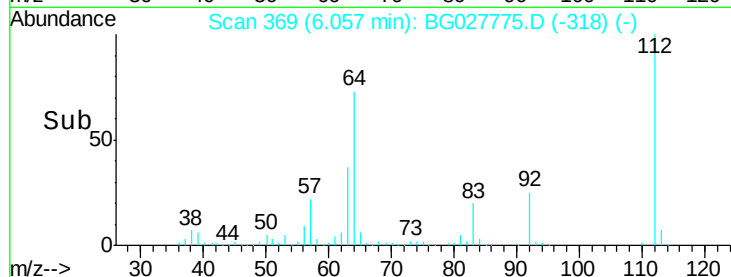
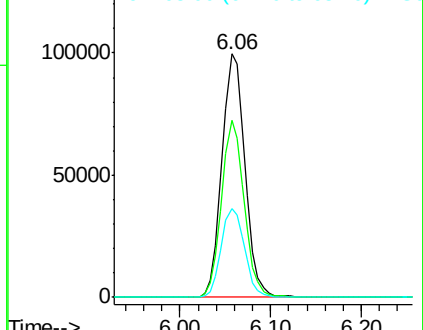
63 36.6 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.509 ng

RT: 7.81 min Scan# 667

Delta R.T. 0.00 min

Lab File: BG027775.D

Acq: 1 Jul 2017 9:14

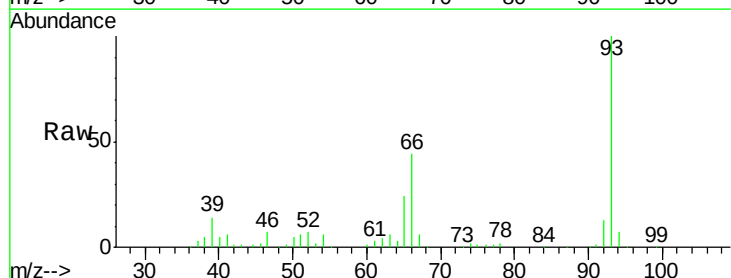
Tgt Ion: 93 Resp: 153229

Ion Ratio Lower Upper

93 100

66 44.3 35.4 53.2

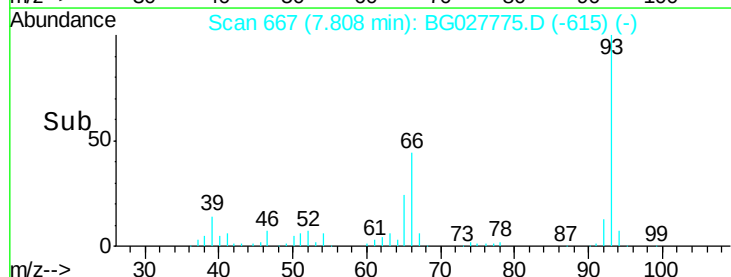
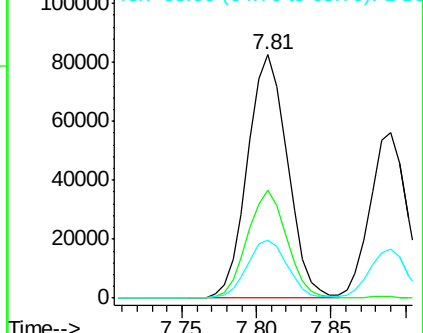
65 23.9 21.2 31.8

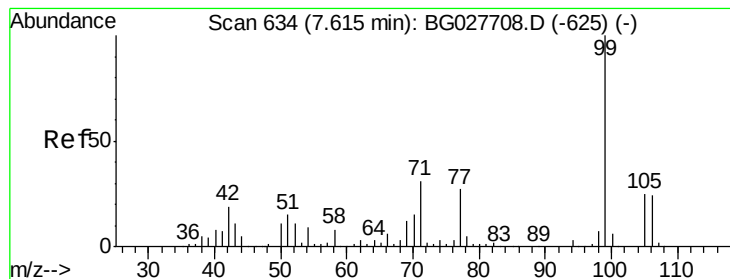


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 76.447 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.00 min

Lab File: BG027775.D

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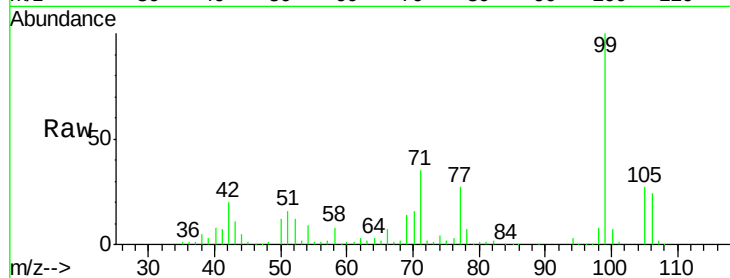
Tgt Ion: 99 Resp: 262425

Ion Ratio Lower Upper

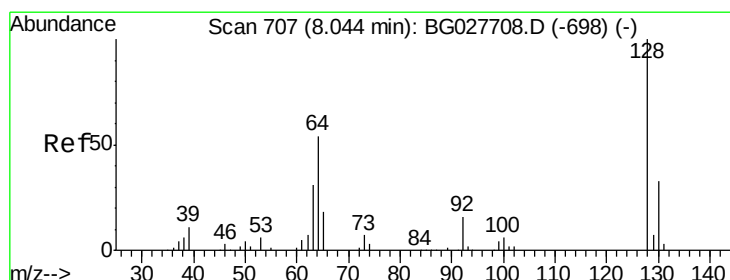
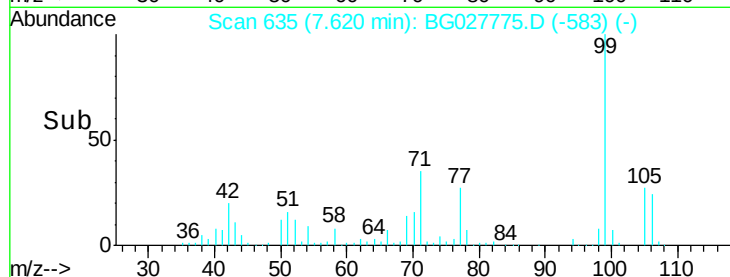
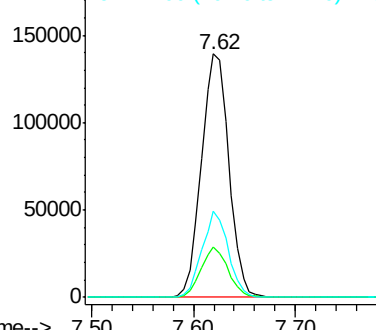
99 100

42 20.5 20.5 30.7#

71 35.3 37.6 56.4#



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: 39.131 ng

RT: 8.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG027775.D

Acq: 1 Jul 2017 9:14

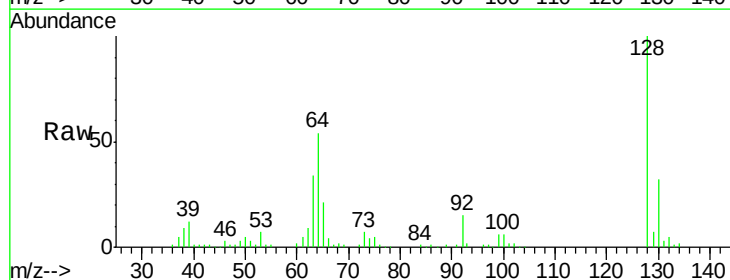
Tgt Ion: 128 Resp: 98255

Ion Ratio Lower Upper

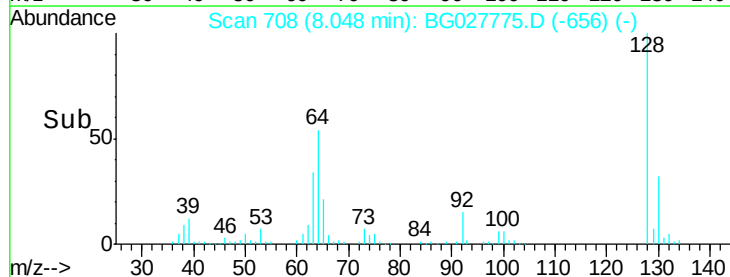
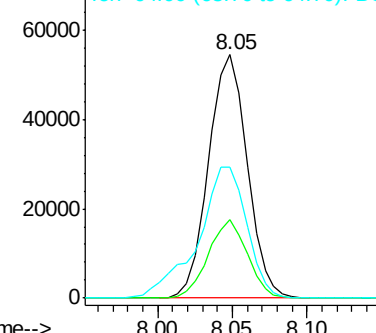
128 100

130 32.3 11.4 51.4

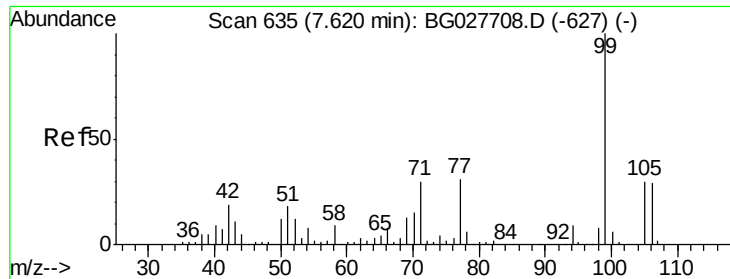
64 53.9 46.6 86.6



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: 37.264 ng

RT: 7.63 min Scan# 636

Delta R.T. 0.00 min

Lab File: BG027775.D

Acq: 1 Jul 2017 9:14

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

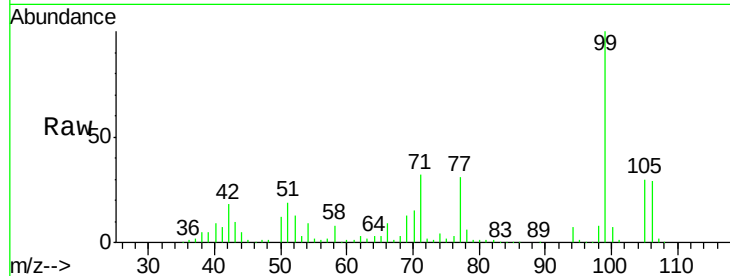
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Ion Ratio Lower Upper

77 100

105 97.6 60.9 100.9

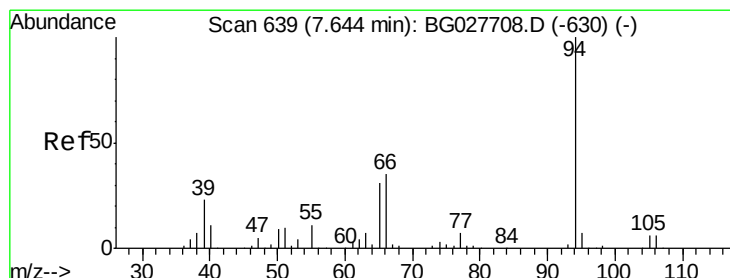
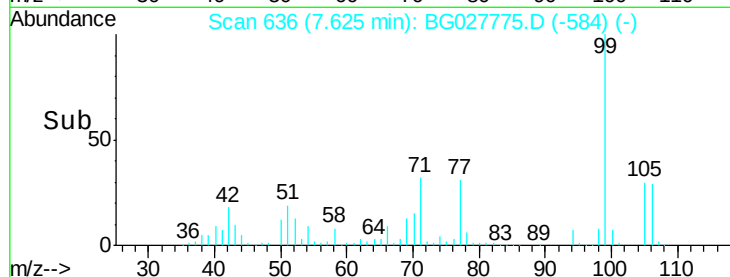
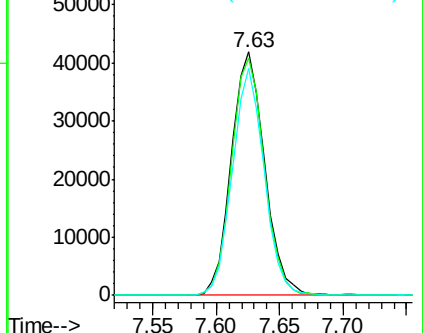
106 93.2 55.1 95.1



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: 37.896 ng

RT: 7.65 min Scan# 640

Delta R.T. 0.00 min

Lab File: BG027775.D

Acq: 1 Jul 2017 9:14

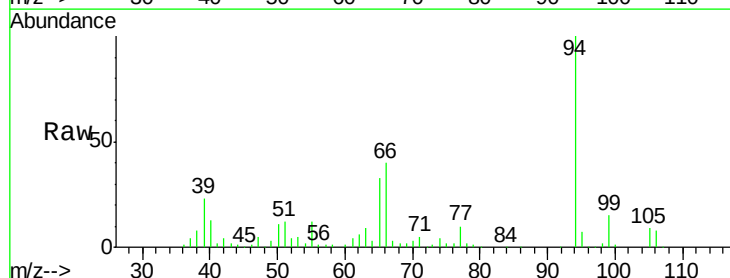
Tgt Ion: 94 Resp: 128704

Ion Ratio Lower Upper

94 100

65 33.1 20.6 60.6

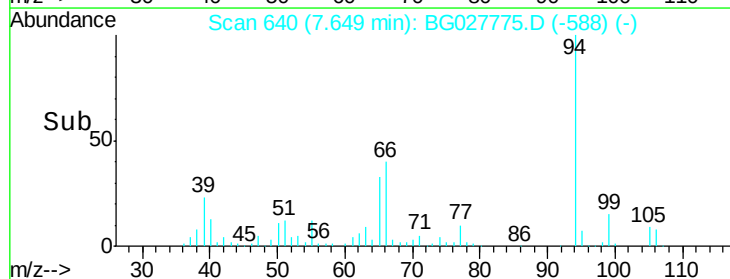
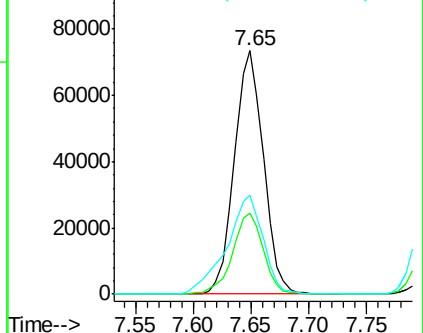
66 40.4 35.5 75.5



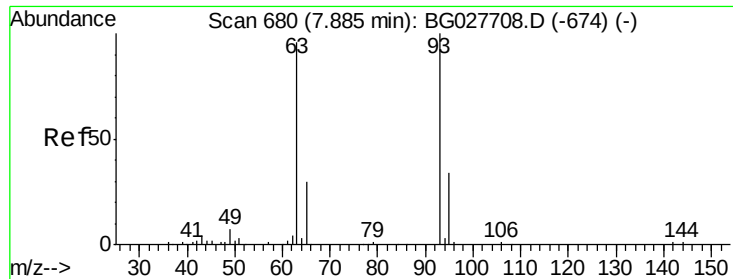
Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



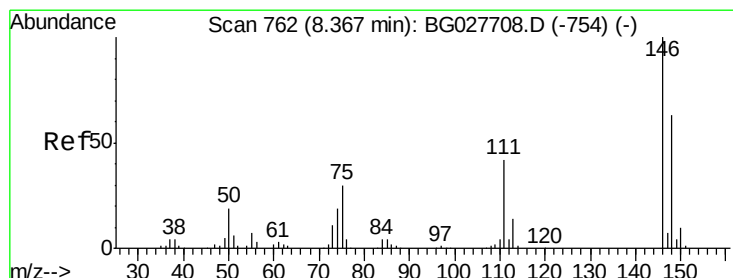
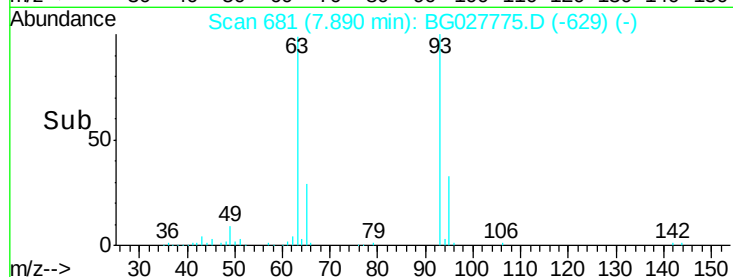
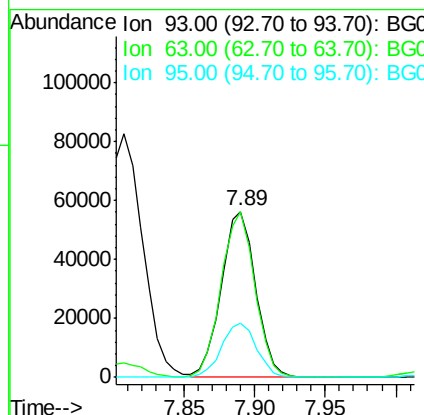
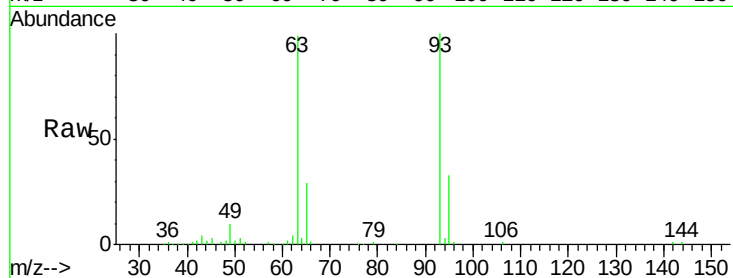




#11  
 bis(2-Chloroethyl)ether  
 Concen: 37.067 ng  
 RT: 7.89 min Scan# 681  
 Delta R.T. 0.00 min  
 Lab File: BG027775.D  
 Acq: 1 Jul 2017 9:14

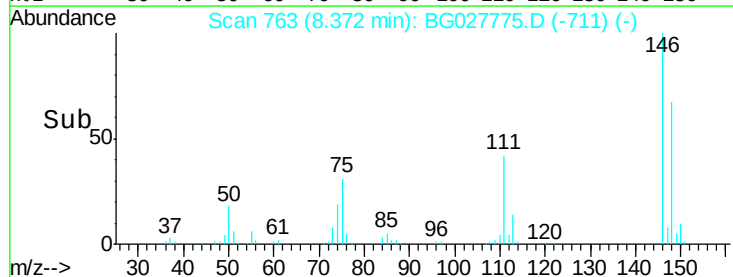
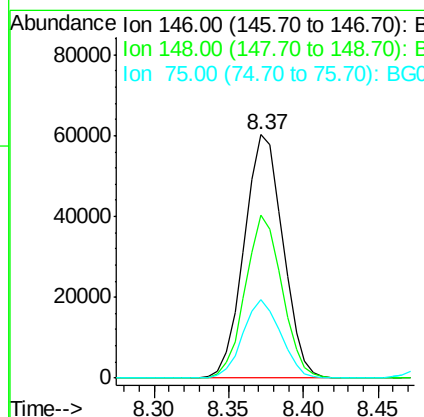
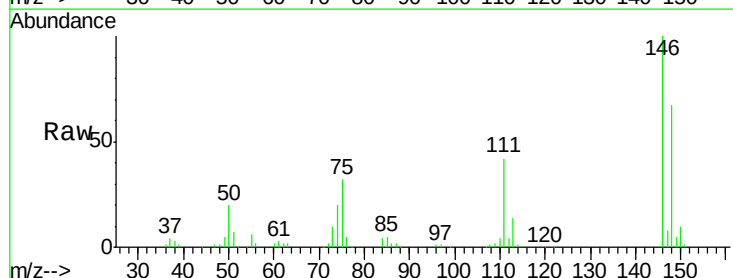
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

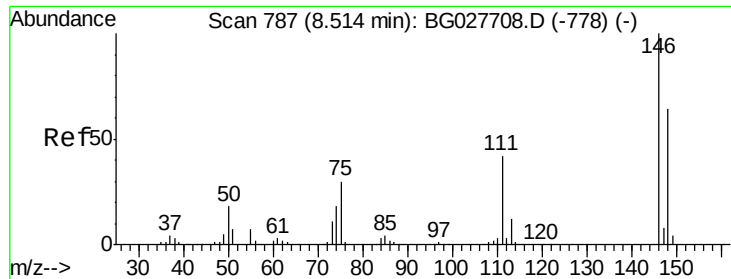
Tgt Ion: 93 Resp: 95624  
 Ion Ratio Lower Upper  
 93 100  
 63 99.4 78.5 118.5  
 95 32.8 9.8 49.8



#12  
 1,3-Dichlorobenzene  
 Concen: 40.529 ng  
 RT: 8.37 min Scan# 763  
 Delta R.T. 0.00 min  
 Lab File: BG027775.D  
 Acq: 1 Jul 2017 9:14

Tgt Ion: 146 Resp: 108245  
 Ion Ratio Lower Upper  
 146 100  
 148 66.9 49.2 73.8  
 75 32.4 33.4 50.2#

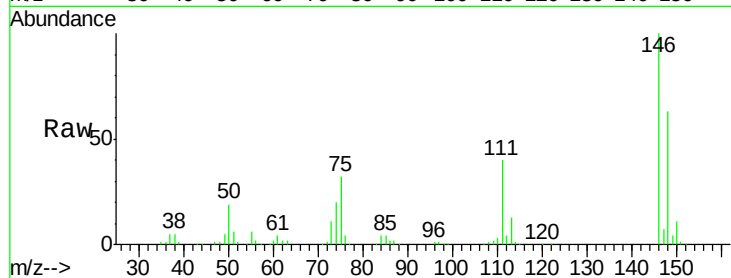




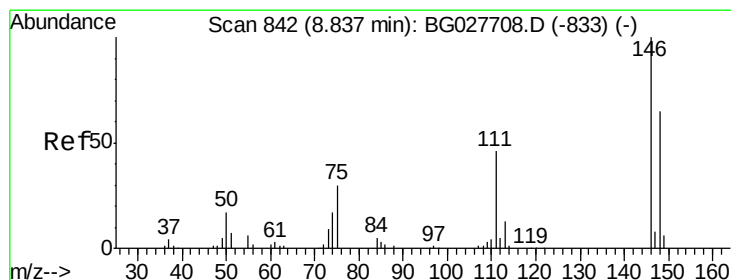
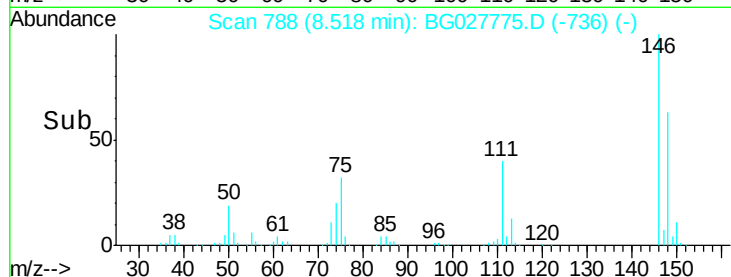
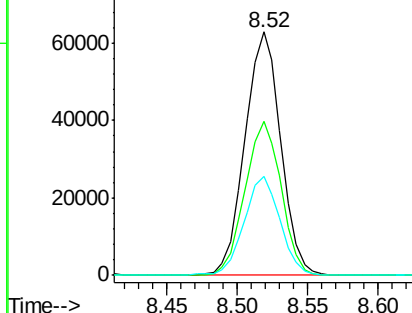
#13  
 1,4-Dichlorobenzene  
 Concen: 40.348 ng  
 RT: 8.52 min Scan# 788  
 Delta R.T. 0.00 min  
 Lab File: BG027775.D  
 Acq: 1 Jul 2017 9:14

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:146 Resp: 111659  
 Ion Ratio Lower Upper  
 146 100  
 148 63.3 52.2 78.2  
 111 40.4 37.0 55.6

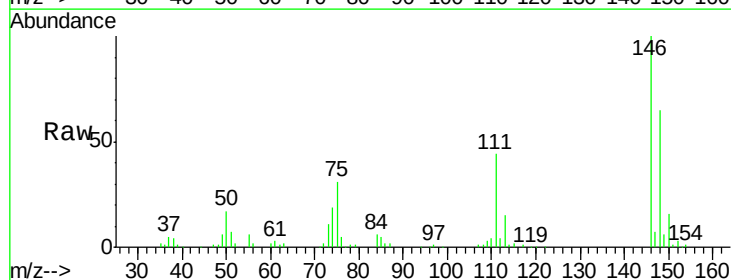


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

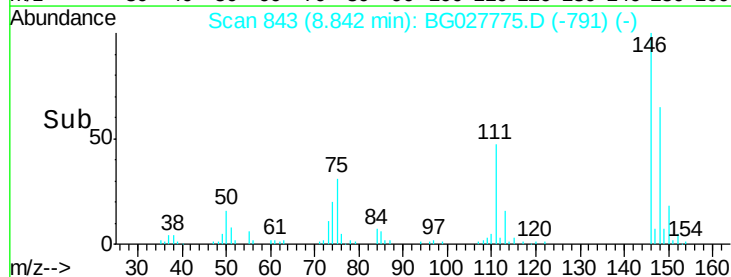
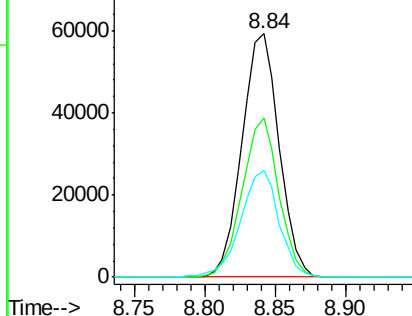


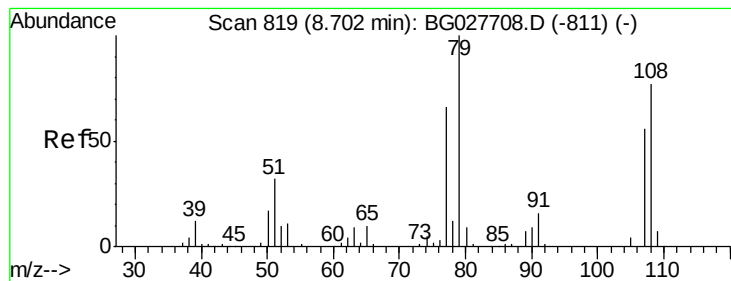
#14  
 1,2-Dichlorobenzene  
 Concen: 40.789 ng  
 RT: 8.84 min Scan# 843  
 Delta R.T. 0.00 min  
 Lab File: BG027775.D  
 Acq: 1 Jul 2017 9:14

Tgt Ion:146 Resp: 109450  
 Ion Ratio Lower Upper  
 146 100  
 148 65.4 54.6 81.8  
 111 43.9 39.7 59.5



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





#15

Benzyl Alcohol

Concen: 38.061 ng

RT: 8.71 min Scan# 820

Delta R.T. 0.00 min

Lab File: BG027775.D

Acq: 1 Jul 2017 9:14

Instrument :

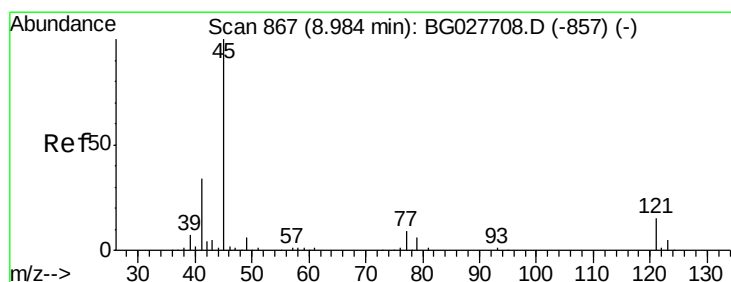
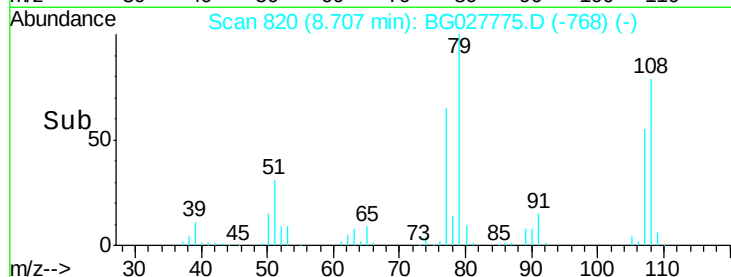
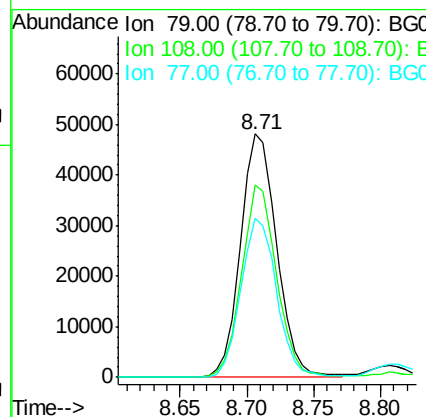
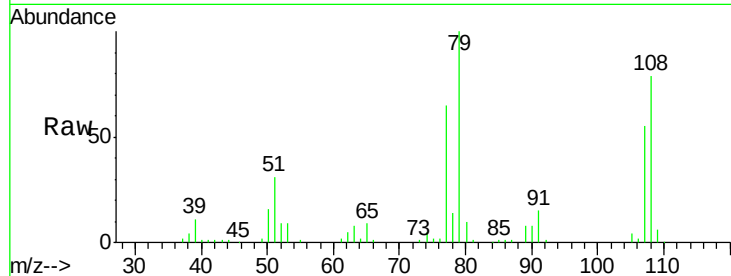
BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 90383

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 108 | 79.2  | 45.5  | 68.3# |
| 77  | 65.3  | 54.3  | 81.5  |



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.456 ng

RT: 8.99 min Scan# 868

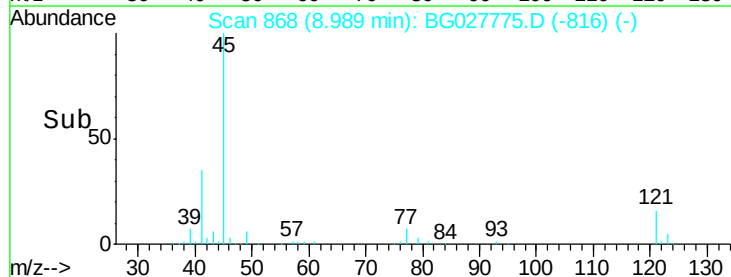
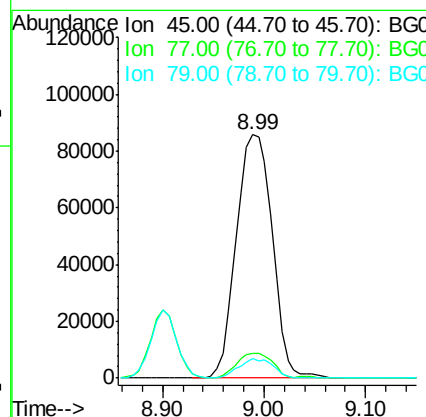
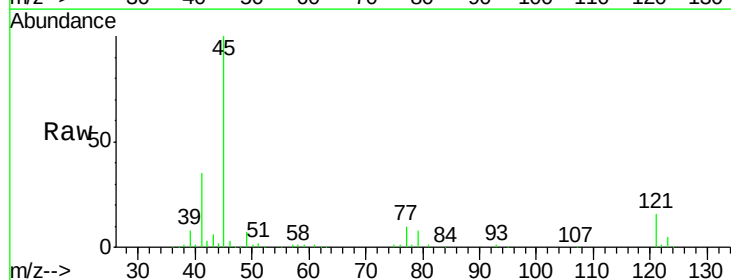
Delta R.T. 0.00 min

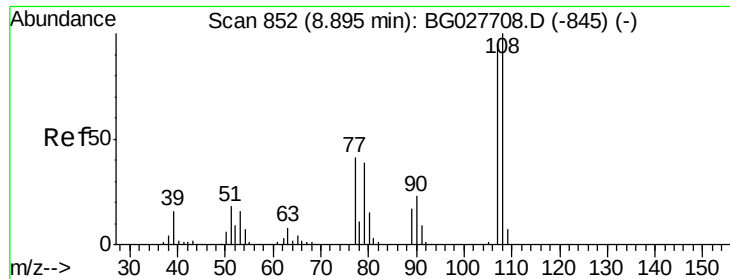
Lab File: BG027775.D

Acq: 1 Jul 2017 9:14

Tgt Ion: 45 Resp: 211601

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 77  | 10.1  | 0.0   | 30.6  |
| 79  | 8.2   | 0.0   | 28.5  |

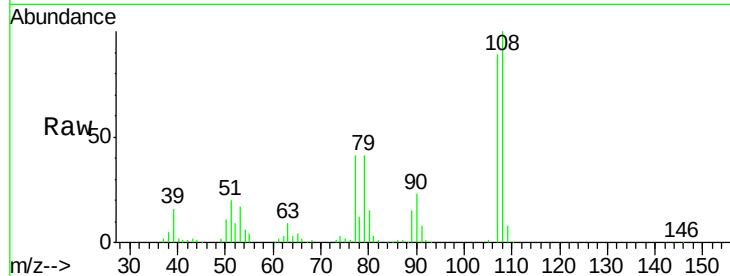




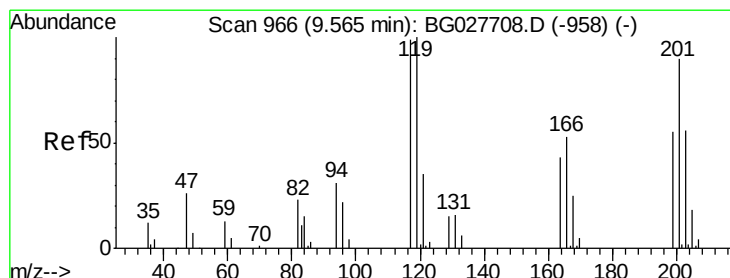
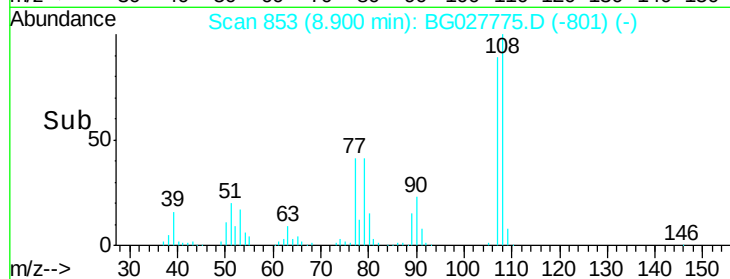
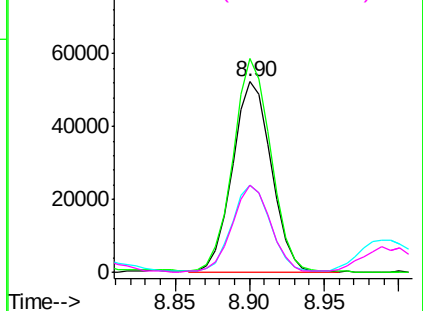
#17  
 2-Methylphenol  
 Concen: 39.470 ng  
 RT: 8.90 min Scan# 853  
 Delta R.T. 0.00 min  
 Lab File: BG027775.D  
 Acq: 1 Jul 2017 9:14

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:107 Resp: 94838  
 Ion Ratio Lower Upper  
 107 100  
 108 112.2 85.6 128.4  
 77 46.0 51.4 77.2#  
 79 46.0 49.2 73.8#

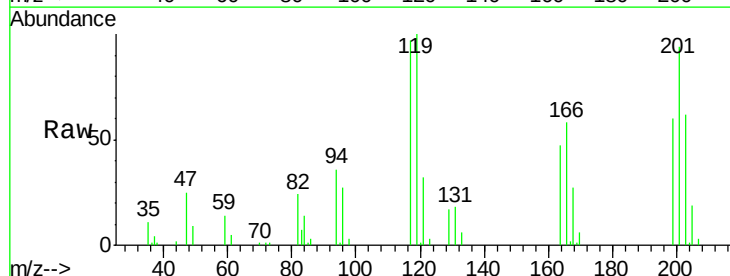


Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 108.00 (107.70 to 108.70): E  
 Ion 77.00 (76.70 to 77.70): BG  
 Ion 79.00 (78.70 to 79.70): BG

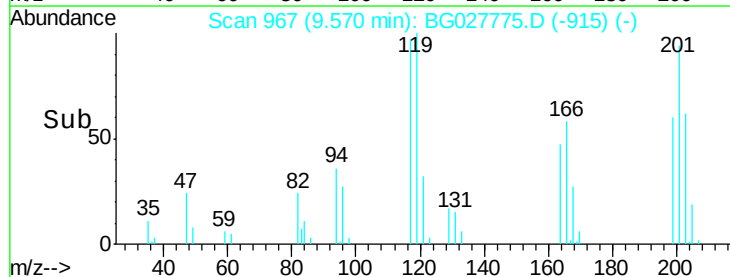
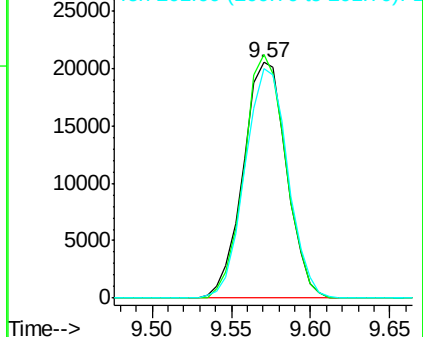


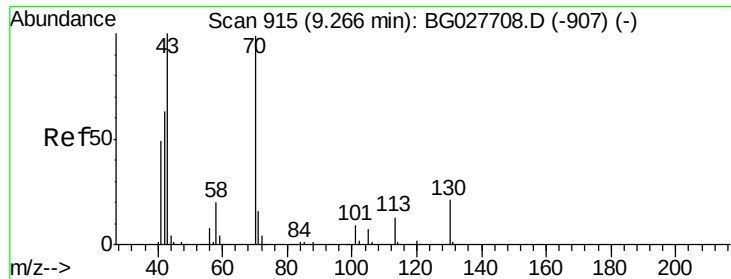
#18  
 Hexachloroethane  
 Concen: 40.144 ng  
 RT: 9.57 min Scan# 967  
 Delta R.T. 0.00 min  
 Lab File: BG027775.D  
 Acq: 1 Jul 2017 9:14

Tgt Ion:117 Resp: 39079  
 Ion Ratio Lower Upper  
 117 100  
 119 103.3 69.8 104.6  
 201 97.2 95.4 143.0



Abundance Ion 117.00 (116.70 to 117.70): E  
 Ion 119.00 (118.70 to 119.70): E  
 Ion 201.00 (200.70 to 201.70): E

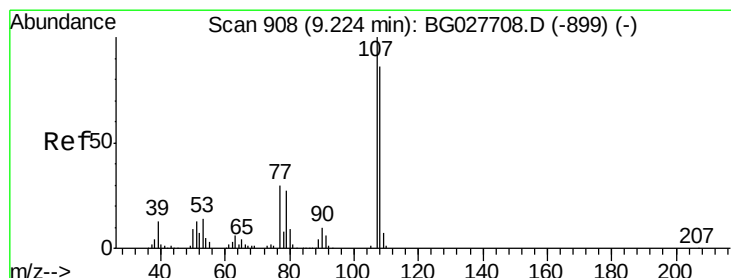
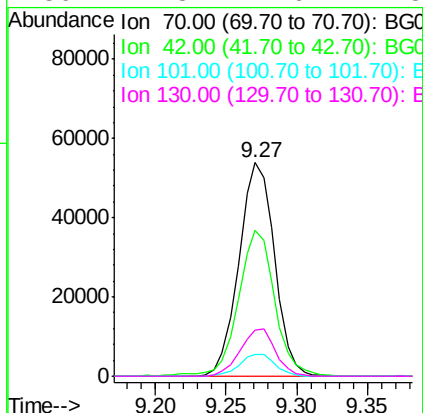
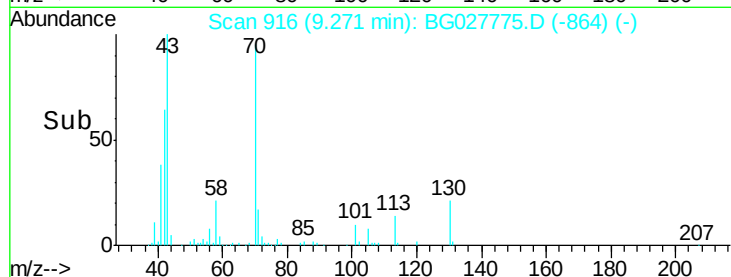
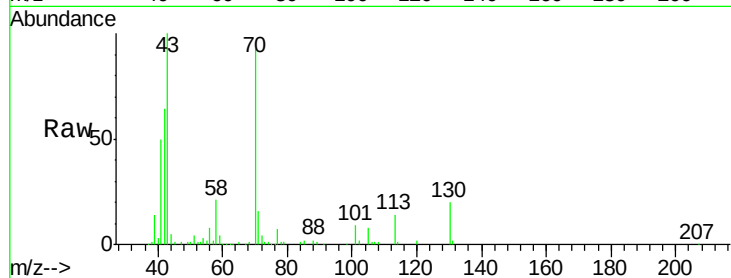




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.984 ng  
RT: 9.27 min Scan# 916  
Delta R.T. 0.00 min  
Lab File: BG027775.D  
Acq: 1 Jul 2017 9:14

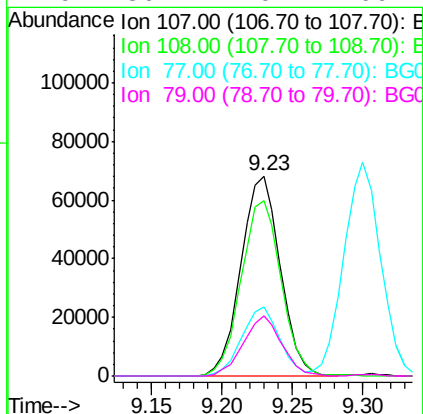
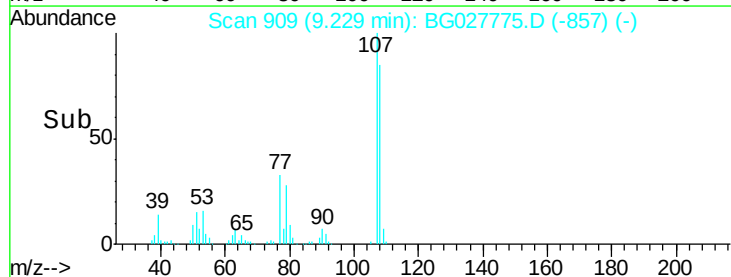
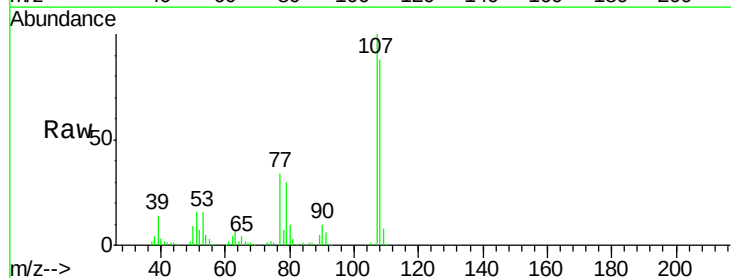
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

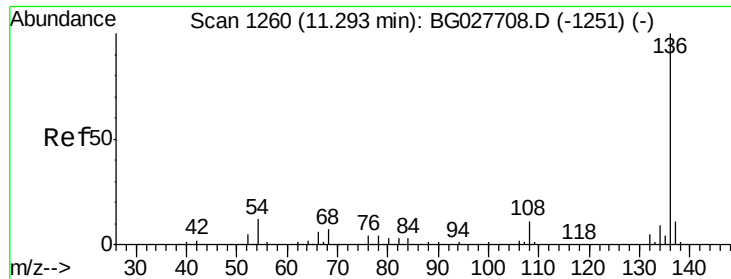
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 94862 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 68.4  | 56.1  | 84.1  |
| 101      | 10.1  | 7.5   | 11.3  |
| 130      | 21.8  | 14.6  | 21.8  |



#20  
3+4-Methylphenols  
Concen: 38.438 ng  
RT: 9.23 min Scan# 909  
Delta R.T. 0.00 min  
Lab File: BG027775.D  
Acq: 1 Jul 2017 9:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 133185 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 87.8  | 70.8  | 110.8  |
| 77       | 34.4  | 25.8  | 65.8   |
| 79       | 30.2  | 20.1  | 60.1   |

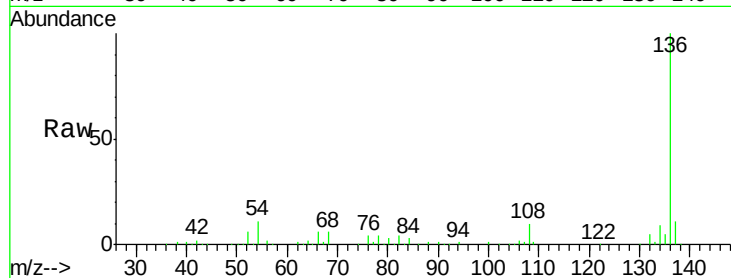




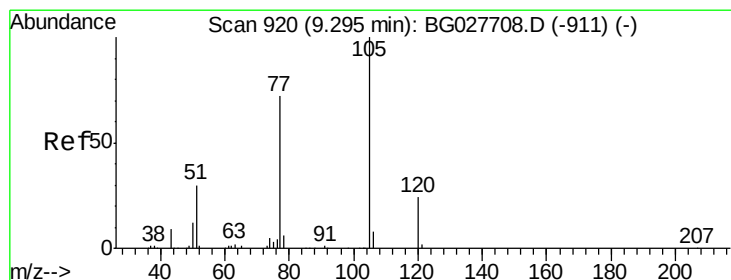
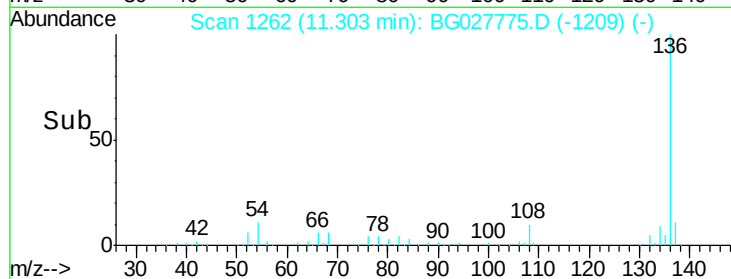
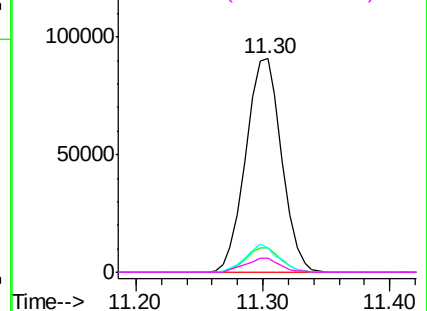
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.30 min Scan# 1262  
Delta R.T. 0.01 min  
Lab File: BG027775.D  
Acq: 1 Jul 2017 9:14

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 177686 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.4  | 8.9   | 13.3   |
| 54       | 11.3  | 9.3   | 13.9   |
| 68       | 6.4   | 5.1   | 7.7    |

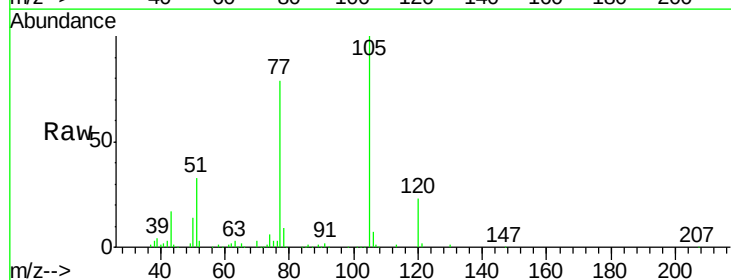


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

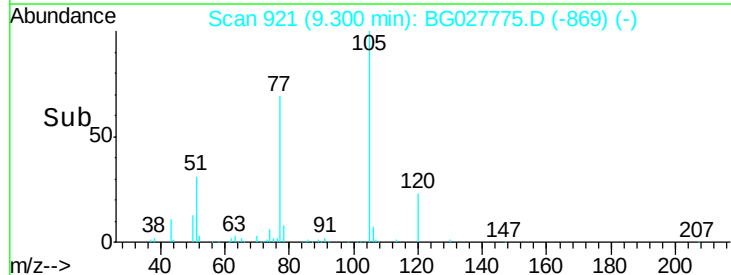
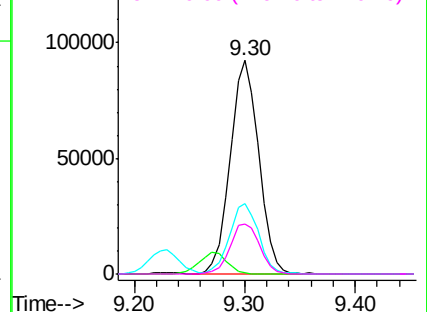


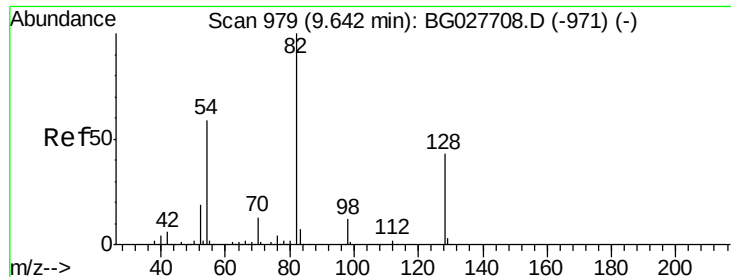
#22  
Acetophenone  
Concen: 39.049 ng  
RT: 9.30 min Scan# 921  
Delta R.T. 0.00 min  
Lab File: BG027775.D  
Acq: 1 Jul 2017 9:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 167433 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 0.5   | 0.9   | 1.3#   |
| 51       | 32.8  | 34.0  | 51.0#  |
| 120      | 23.5  | 17.3  | 25.9   |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC  
Ion 120.00 (119.70 to 120.70): E

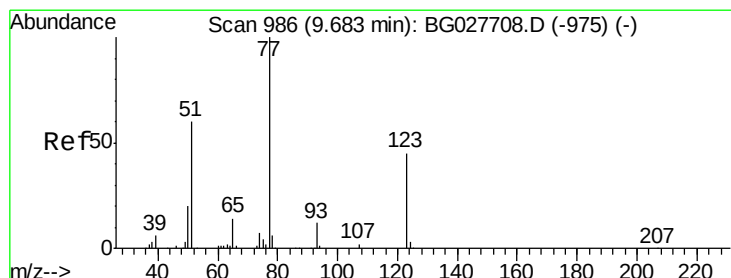
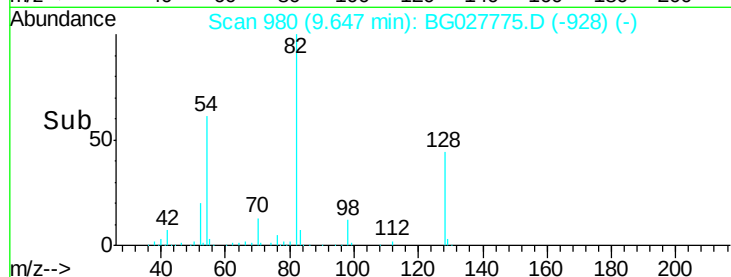
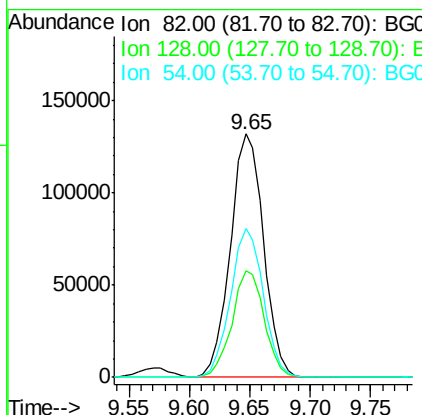
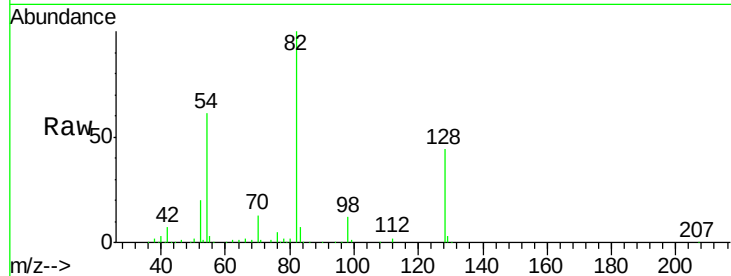




#23  
 Nitrobenzene-d5  
 Concen: 79.233 ng  
 RT: 9.65 min Scan# 980  
 Delta R.T. 0.00 min  
 Lab File: BG027775.D  
 Acq: 1 Jul 2017 9:14

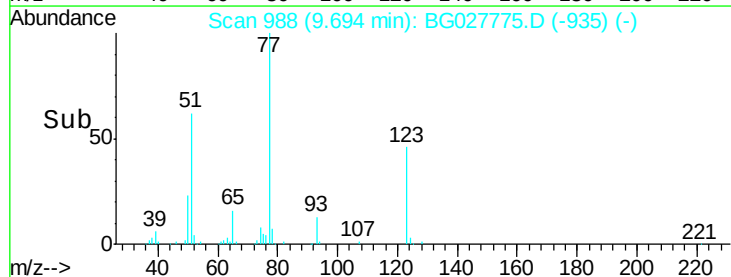
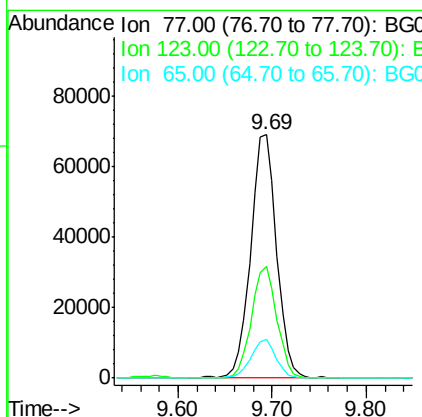
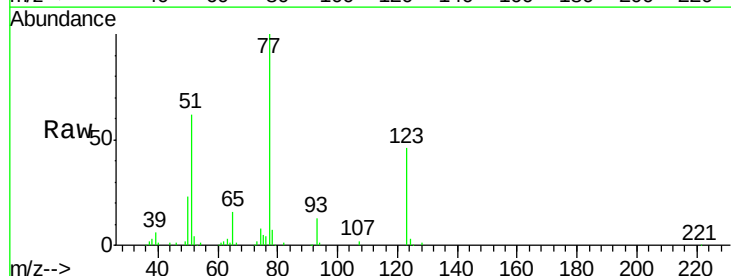
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion: 82 Resp: 252573  
 Ion Ratio Lower Upper  
 82 100  
 128 43.7 26.4 39.6#  
 54 61.1 49.4 74.2

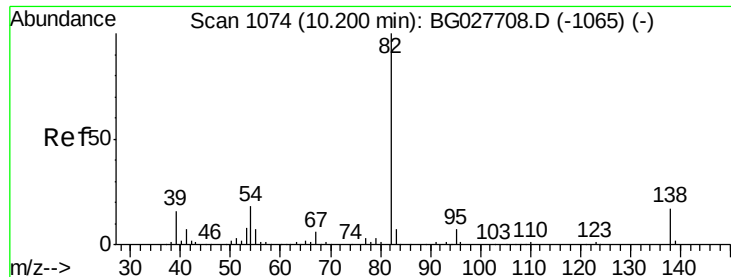


#24  
 Nitrobenzene  
 Concen: 39.461 ng  
 RT: 9.69 min Scan# 988  
 Delta R.T. 0.01 min  
 Lab File: BG027775.D  
 Acq: 1 Jul 2017 9:14

Tgt Ion: 77 Resp: 131512  
 Ion Ratio Lower Upper  
 77 100  
 123 45.9 26.1 39.1#  
 65 15.7 12.4 18.6







#25

Isophorone

Concen: 38.787 ng

RT: 10.20 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BG027775.D

Acq: 1 Jul 2017 9:14

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

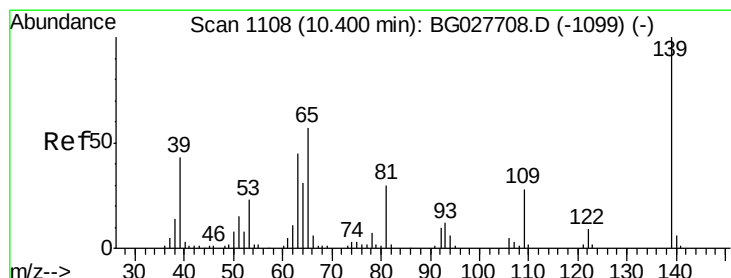
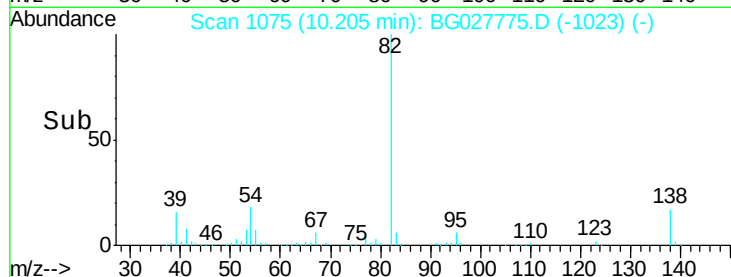
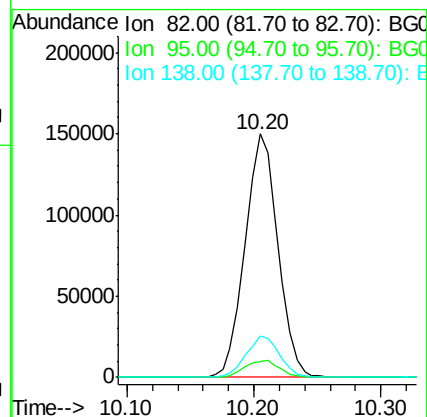
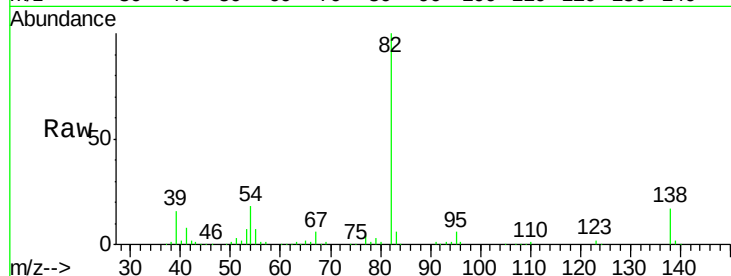
Tgt Ion: 82 Resp: 269504

Ion Ratio Lower Upper

82 100

95 6.5 7.5 11.3#

138 17.0 12.3 18.5



#26

2-Nitrophenol

Concen: 40.979 ng

RT: 10.40 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BG027775.D

Acq: 1 Jul 2017 9:14

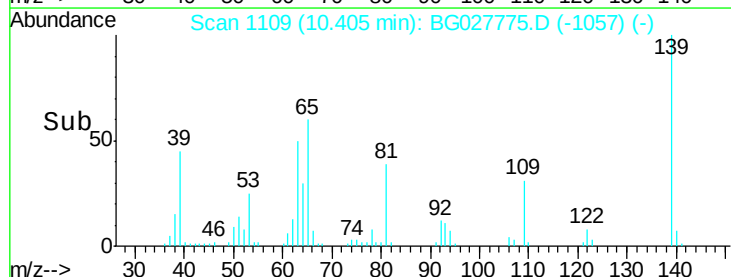
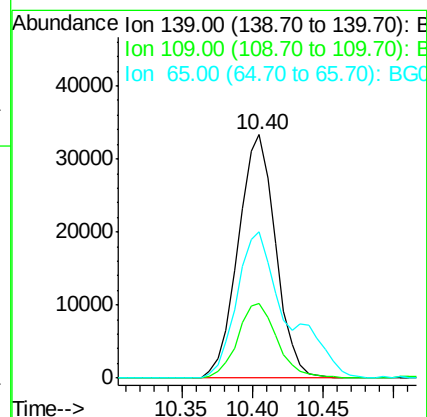
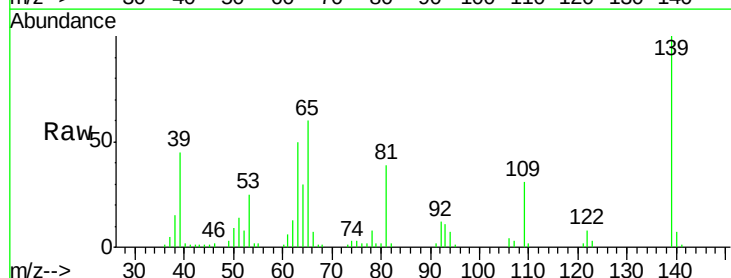
Tgt Ion: 139 Resp: 61687

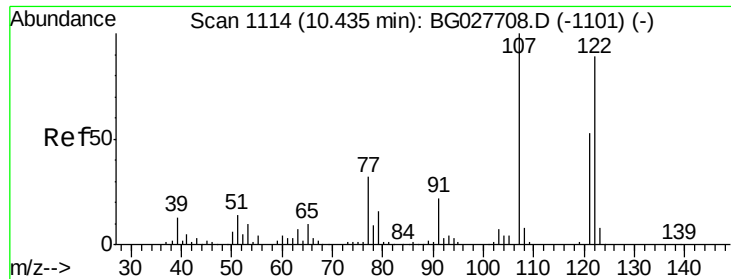
Ion Ratio Lower Upper

139 100

109 30.7 38.6 58.0#

65 60.0 57.1 85.7

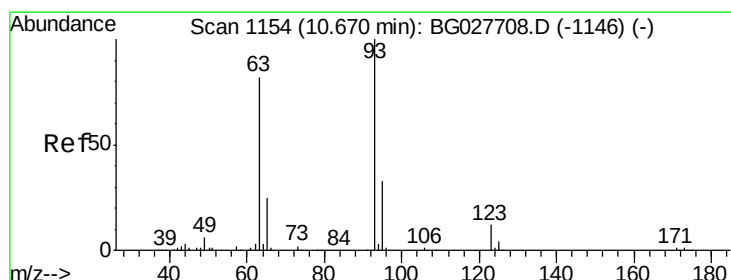
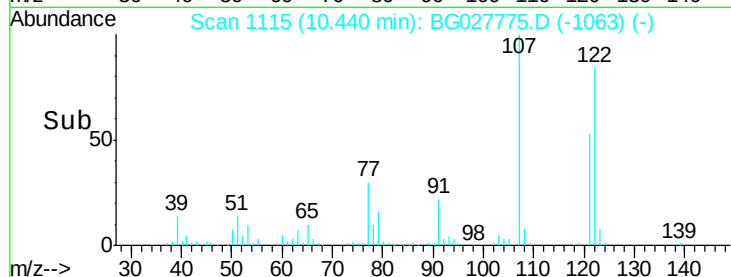
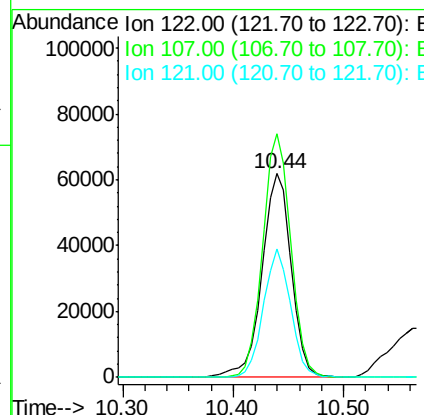
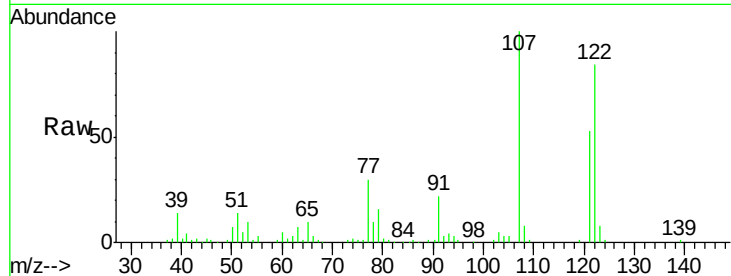




#27  
2,4-Dimethylphenol  
Concen: 40.762 ng  
RT: 10.44 min Scan# 1115  
Delta R.T. 0.00 min  
Lab File: BG027775.D  
Acq: 1 Jul 2017 9:14

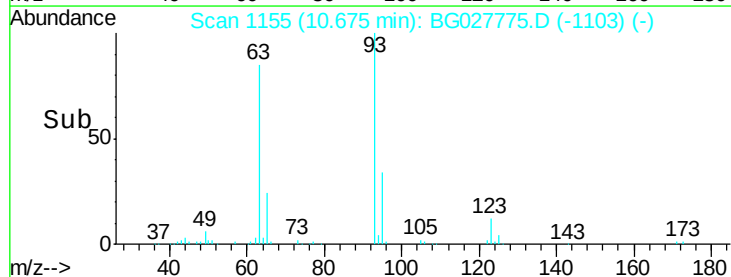
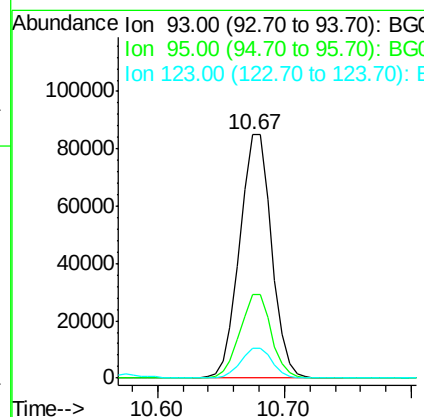
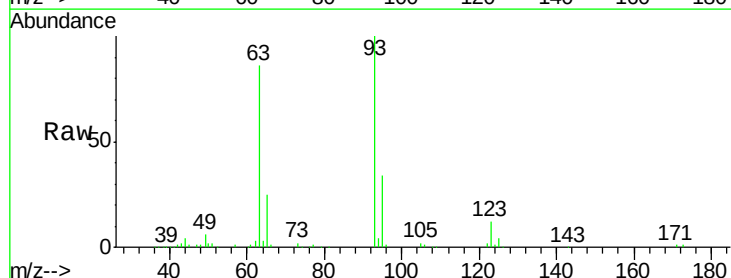
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

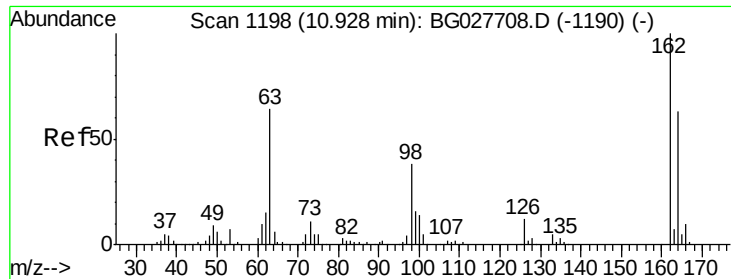
Tgt Ion: 122 Resp: 114929  
Ion Ratio Lower Upper  
122 100  
107 119.6 104.2 156.4  
121 63.1 46.0 69.0



#28  
bis(2-Chloroethoxy)methane  
Concen: 37.574 ng  
RT: 10.67 min Scan# 1155  
Delta R.T. 0.00 min  
Lab File: BG027775.D  
Acq: 1 Jul 2017 9:14

Tgt Ion: 93 Resp: 148015  
Ion Ratio Lower Upper  
93 100  
95 34.3 25.7 38.5  
123 12.4 8.3 12.5

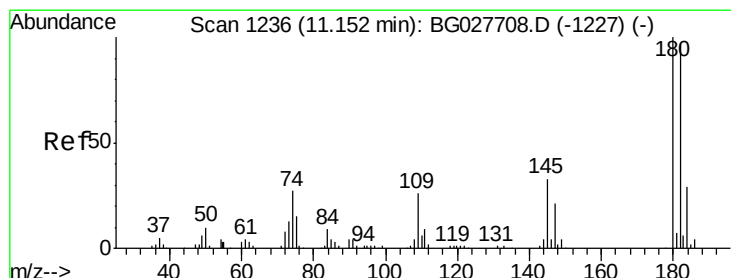
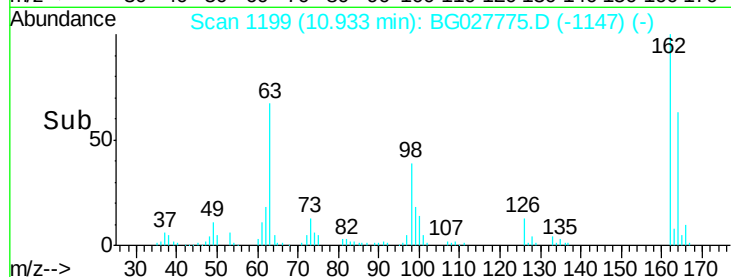
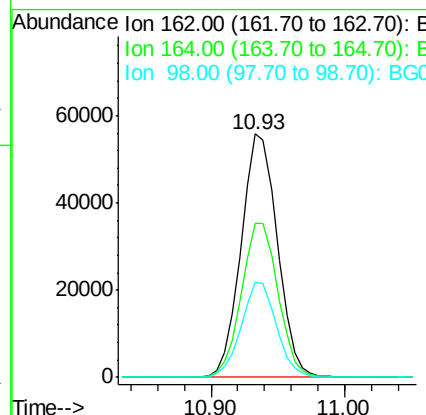
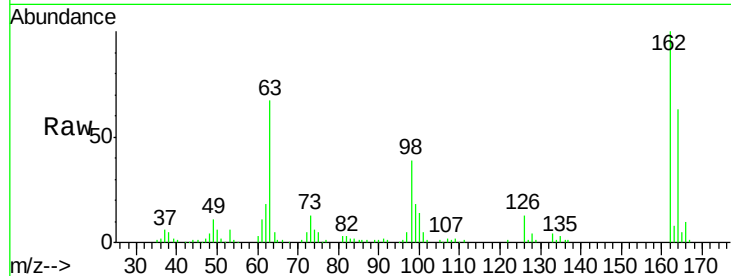




#29  
 2,4-Dichlorophenol  
 Concen: 42.551 ng  
 RT: 10.93 min Scan# 1199  
 Delta R.T. 0.00 min  
 Lab File: BG027775.D  
 Acq: 1 Jul 2017 9:14

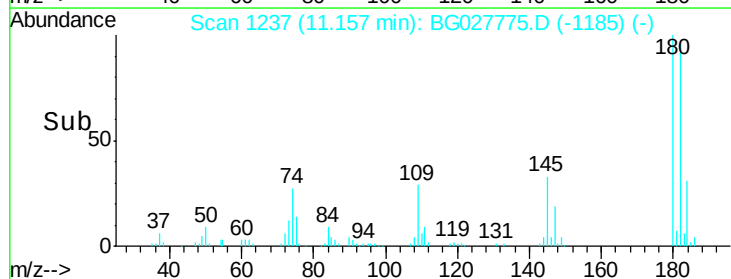
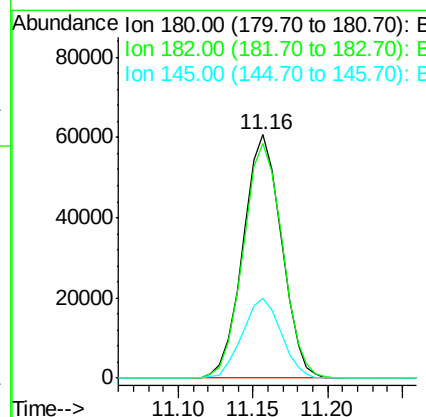
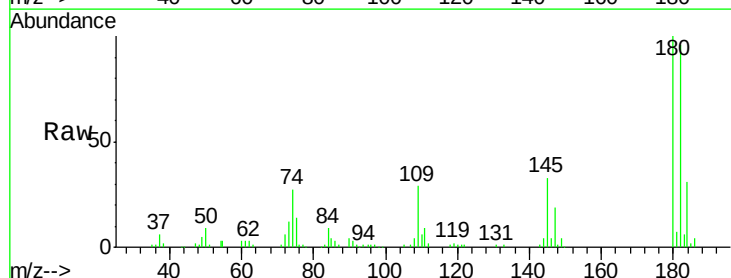
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

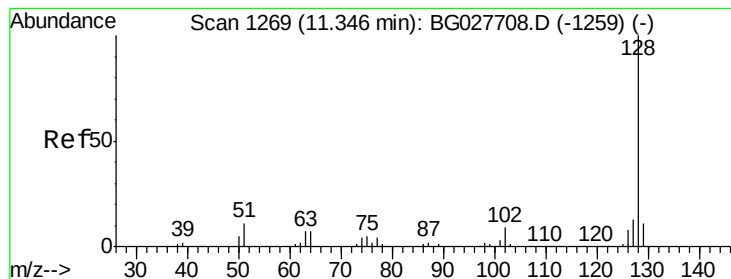
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.5  | 42.4  | 82.4  |
| 98      | 39.3  | 20.3  | 60.3  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 42.997 ng  
 RT: 11.16 min Scan# 1237  
 Delta R.T. 0.00 min  
 Lab File: BG027775.D  
 Acq: 1 Jul 2017 9:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.2  | 77.0  | 115.4 |
| 145     | 32.7  | 23.4  | 35.0  |





#31

Naphthalene

Concen: 40.516 ng

RT: 11.35 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BG027775.D

Acq: 1 Jul 2017 9:14

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

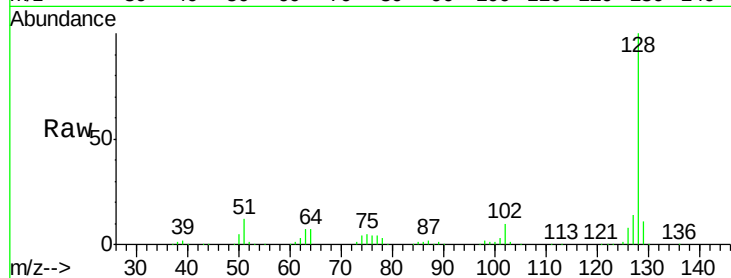
Tgt Ion:128 Resp: 382847

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

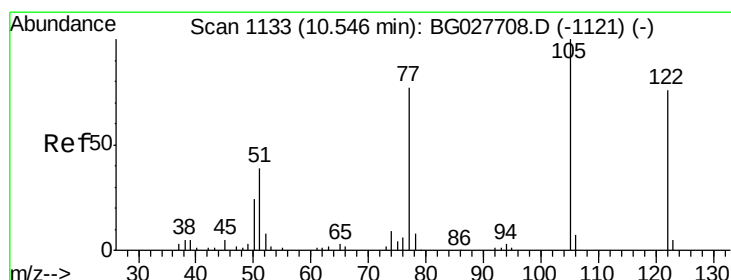
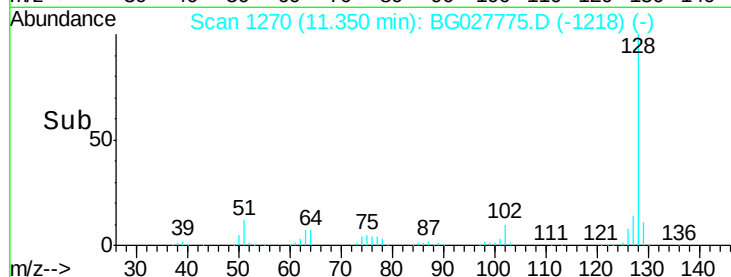
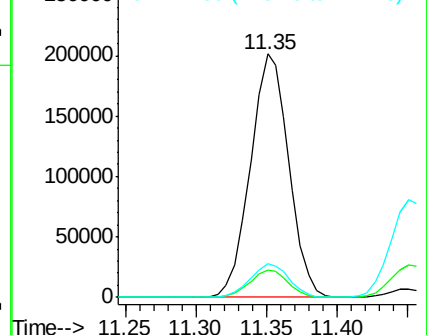
127 13.6 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.328 ng

RT: 10.57 min Scan# 1138

Delta R.T. 0.03 min

Lab File: BG027775.D

Acq: 1 Jul 2017 9:14

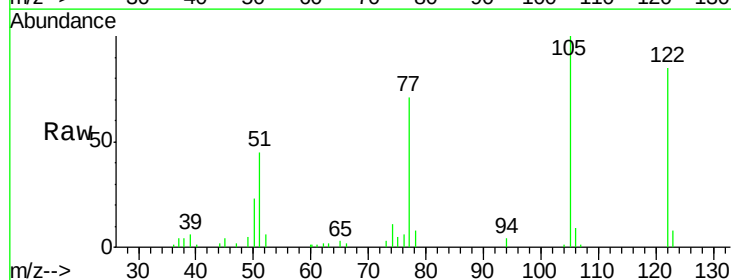
Tgt Ion:122 Resp: 53823

Ion Ratio Lower Upper

122 100

105 117.7 120.1 160.1#

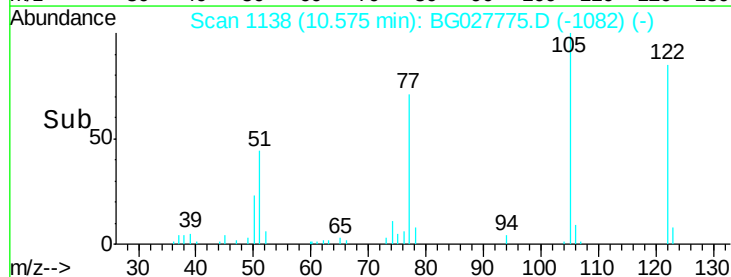
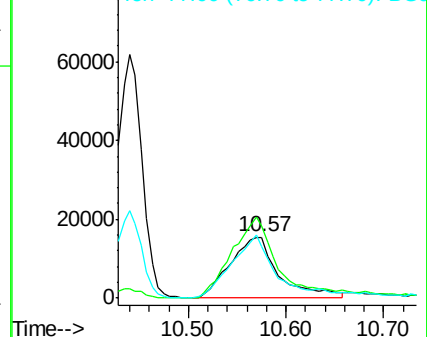
77 84.1 104.6 144.6#

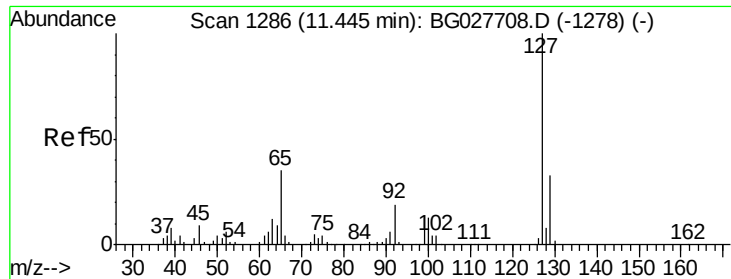


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

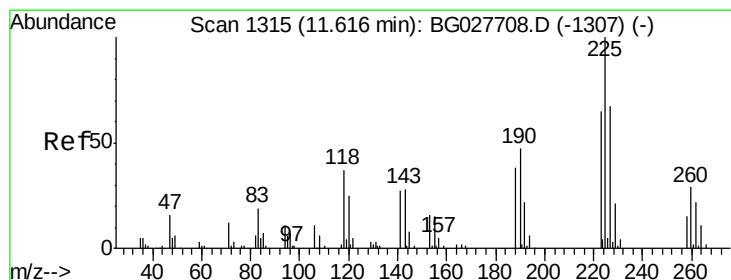
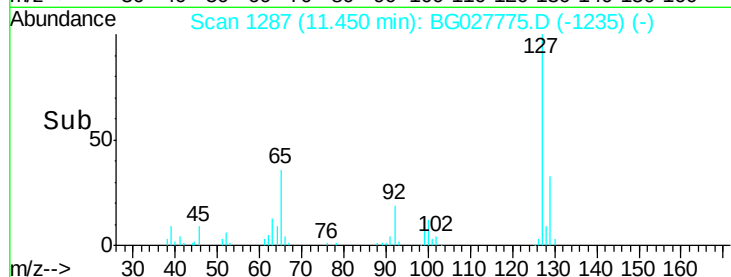
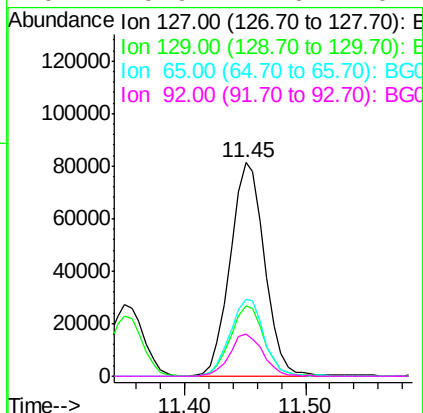
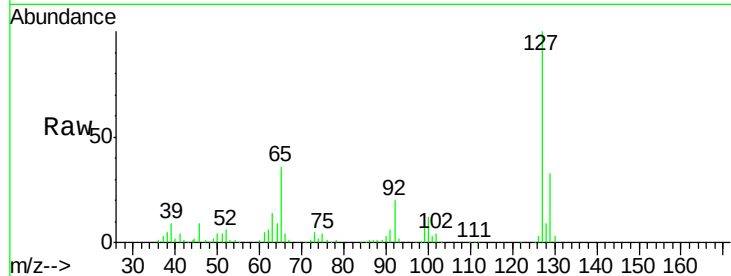




#33  
4-Chloroaniline  
Concen: 39.586 ng  
RT: 11.45 min Scan# 1287  
Delta R.T. 0.00 min  
Lab File: BG027775.D  
Acq: 1 Jul 2017 9:14

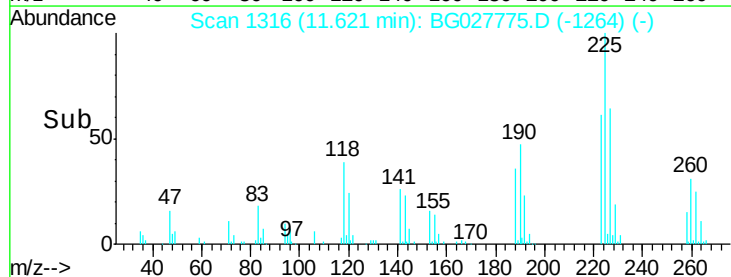
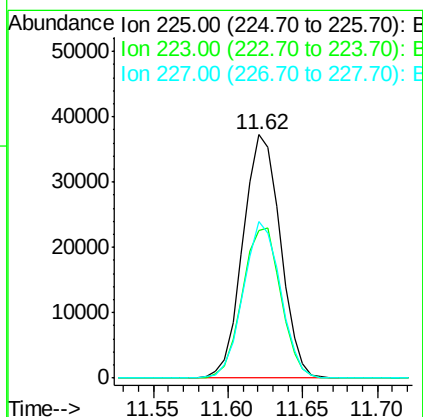
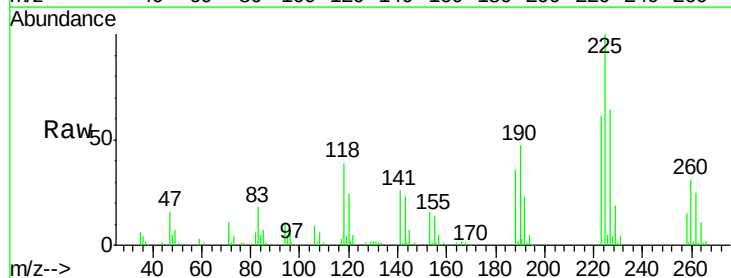
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

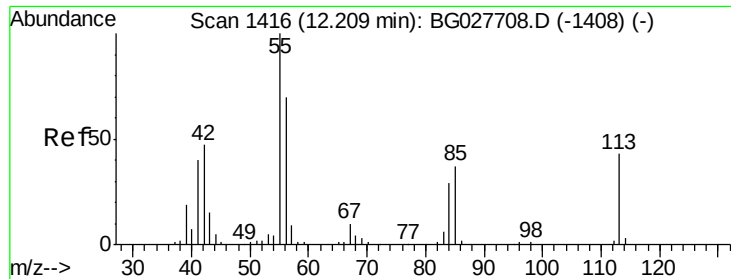
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 161599 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.8  | 23.6  | 35.4   |
| 65       | 35.8  | 37.7  | 56.5#  |
| 92       | 19.9  | 17.6  | 26.4   |



#34  
Hexachlorobutadiene  
Concen: 46.133 ng  
RT: 11.62 min Scan# 1316  
Delta R.T. 0.00 min  
Lab File: BG027775.D  
Acq: 1 Jul 2017 9:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 64778 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 60.7  | 50.7  | 76.1  |
| 227      | 64.5  | 49.0  | 73.6  |

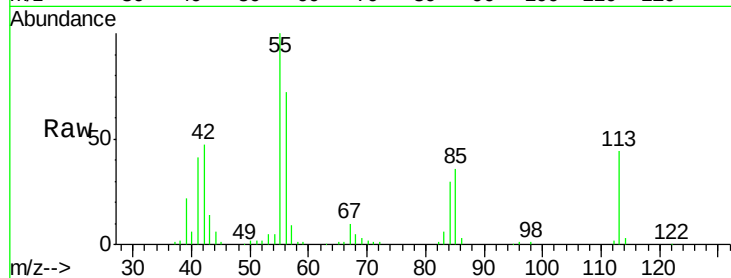




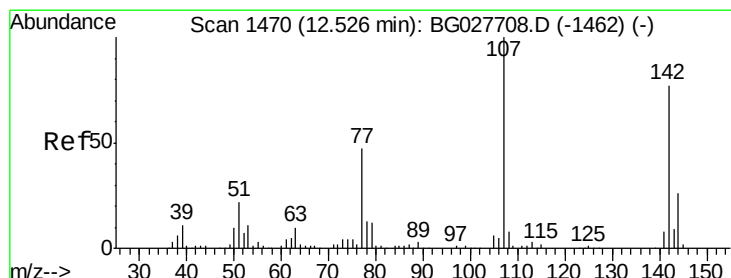
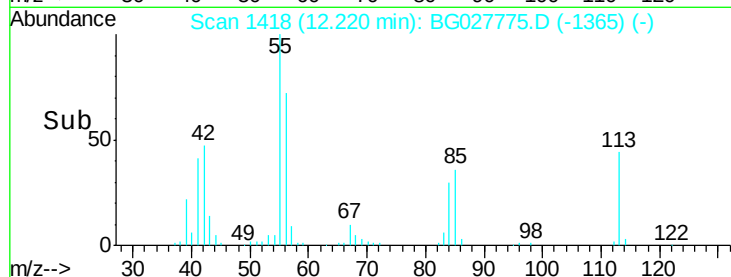
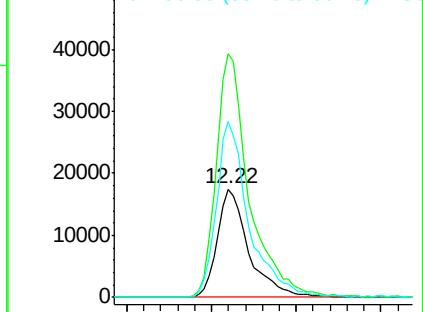
#35  
 Caprolactam  
 Concen: 36.490 ng  
 RT: 12.22 min Scan# 1418  
 Delta R.T. 0.01 min  
 Lab File: BG027775.D  
 Acq: 1 Jul 2017 9:14

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:113 Resp: 45350  
 Ion Ratio Lower Upper  
 113 100  
 55 225.6 198.6 238.6  
 56 162.4 140.4 180.4

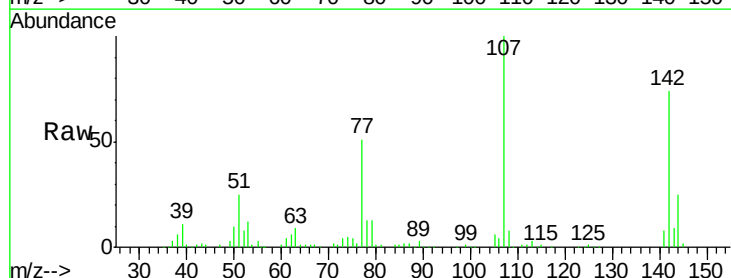


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BGC  
 Ion 56.00 (55.70 to 56.70): BGC

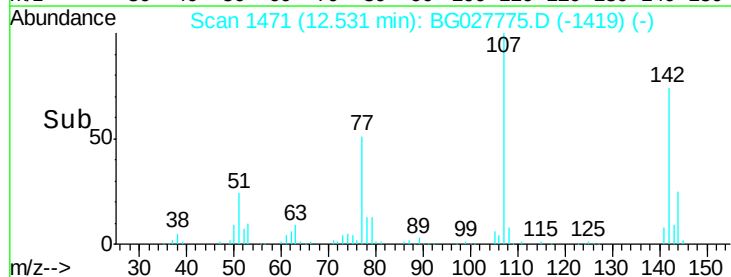
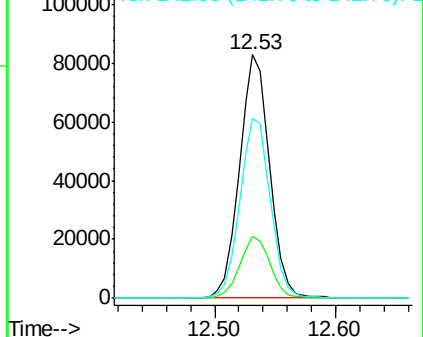


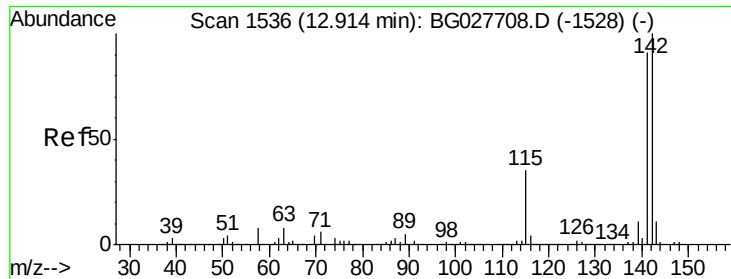
#36  
 4-Chloro-3-methylphenol  
 Concen: 41.315 ng  
 RT: 12.53 min Scan# 1471  
 Delta R.T. 0.00 min  
 Lab File: BG027775.D  
 Acq: 1 Jul 2017 9:14

Tgt Ion:107 Resp: 143650  
 Ion Ratio Lower Upper  
 107 100  
 144 25.3 17.4 26.0  
 142 73.9 54.1 81.1



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

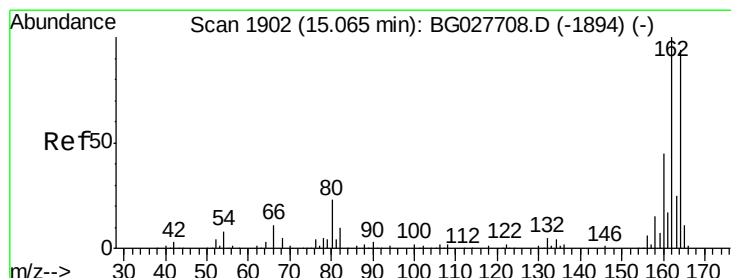
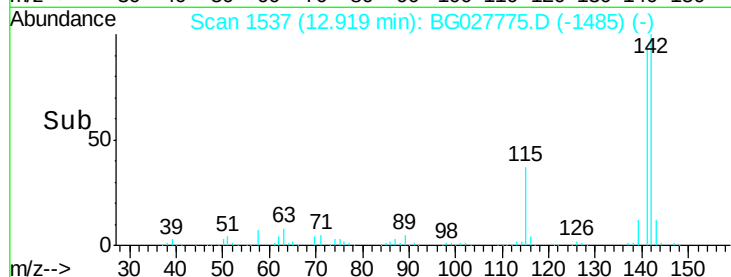
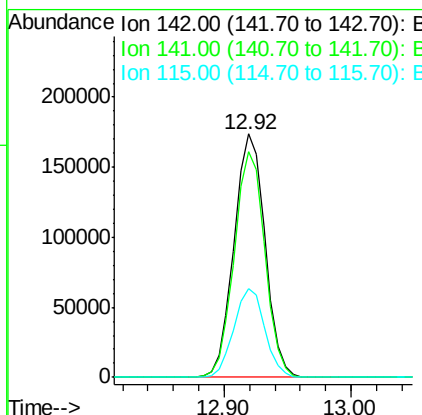
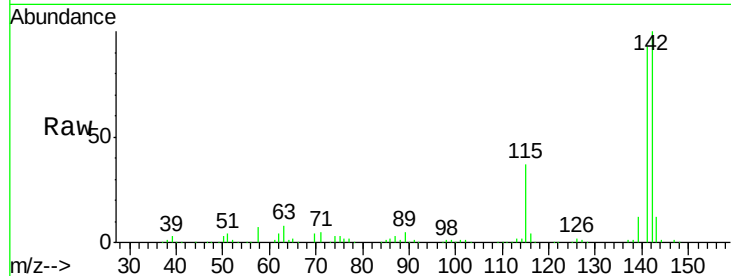




#37  
 2-Methylnaphthalene  
 Concen: 41.741 ng  
 RT: 12.92 min Scan# 1537  
 Delta R.T. 0.00 min  
 Lab File: BG027775.D  
 Acq: 1 Jul 2017 9:14

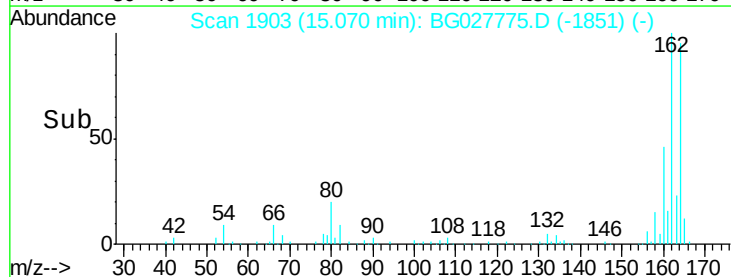
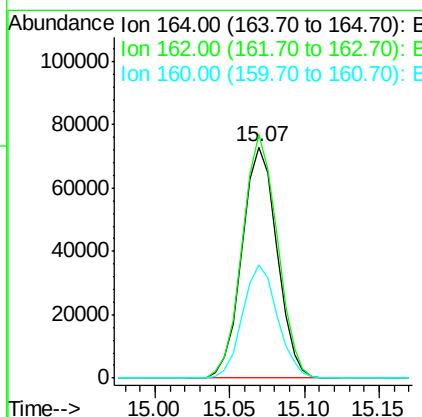
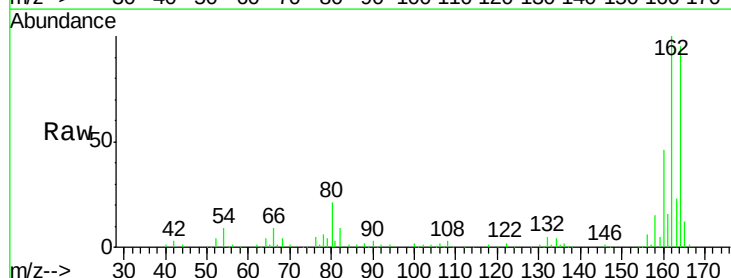
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

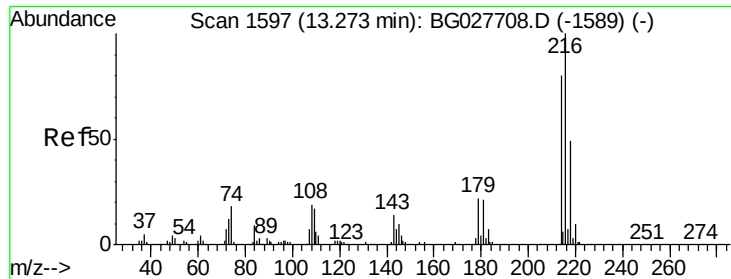
Tgt Ion:142 Resp: 293777  
 Ion Ratio Lower Upper  
 142 100  
 141 92.7 70.4 105.6  
 115 36.6 35.5 53.3



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 15.07 min Scan# 1903  
 Delta R.T. 0.00 min  
 Lab File: BG027775.D  
 Acq: 1 Jul 2017 9:14

Tgt Ion:164 Resp: 118334  
 Ion Ratio Lower Upper  
 164 100  
 162 105.3 85.1 127.7  
 160 49.0 34.7 52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.928 ng

RT: 13.28 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BG027775.D

Acq: 1 Jul 2017 9:14

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 136598

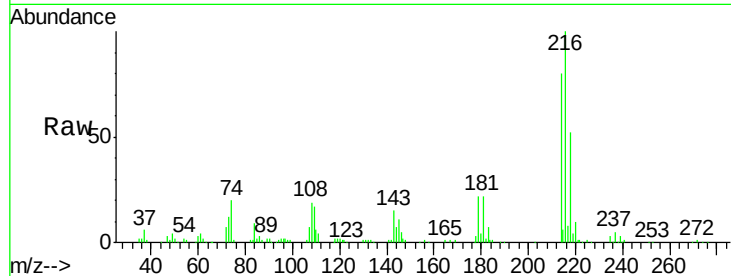
Ion Ratio Lower Upper

216 100

214 79.6 64.4 96.6

179 22.6 17.4 26.0

108 20.6 15.6 23.4

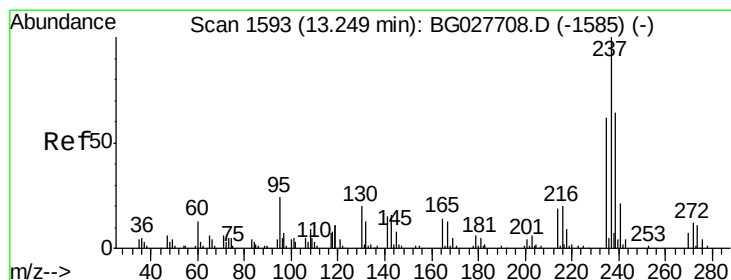
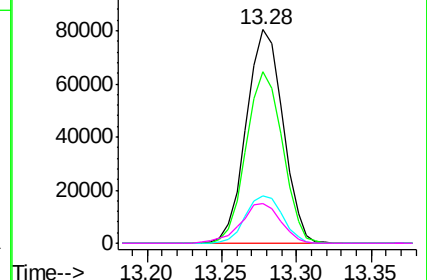
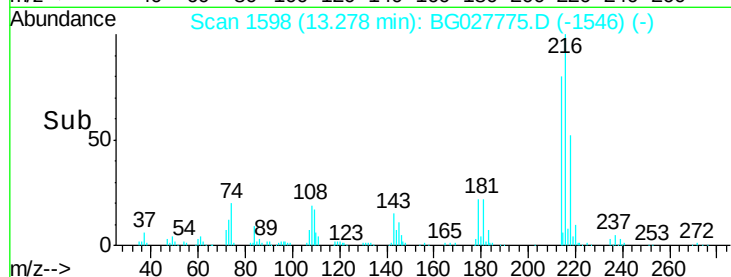


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 46.464 ng

RT: 13.25 min Scan# 1594

Delta R.T. 0.00 min

Lab File: BG027775.D

Acq: 1 Jul 2017 9:14

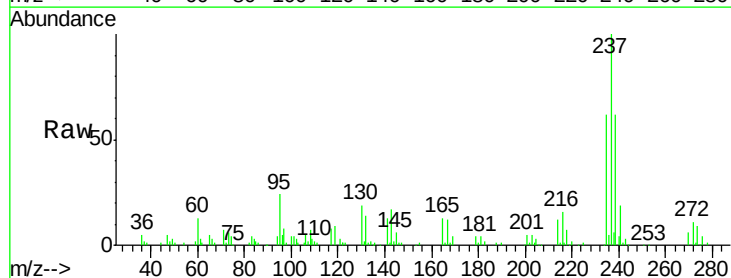
Tgt Ion:237 Resp: 68121

Ion Ratio Lower Upper

237 100

235 61.7 39.4 79.4

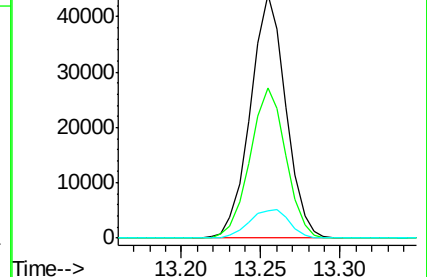
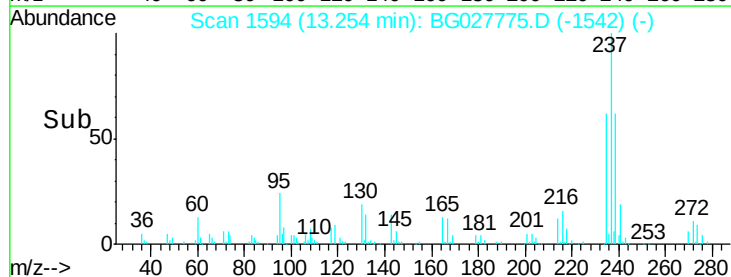
272 11.0 0.0 32.0



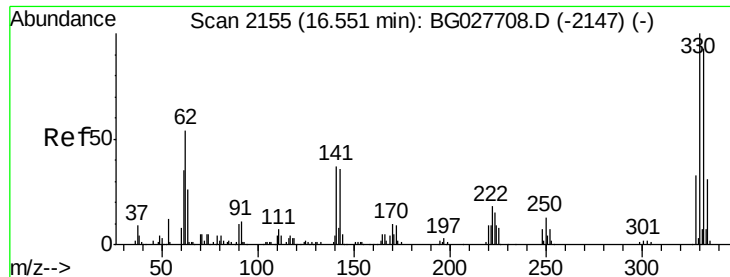
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E







#41

2,4,6-Tribromophenol

Concen: 89.298 ng

RT: 16.56 min Scan# 2156

Delta R.T. 0.00 min

Lab File: BG027775.D

Acq: 1 Jul 2017 9:14

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

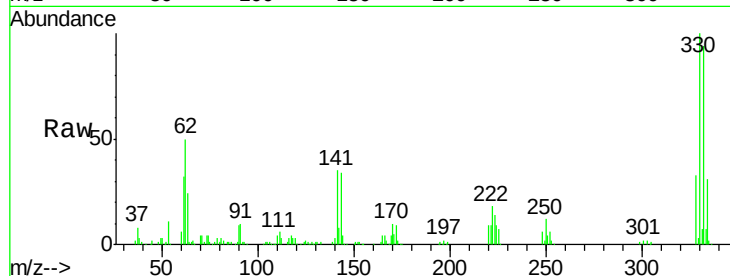
Tgt Ion:330 Resp: 144937

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

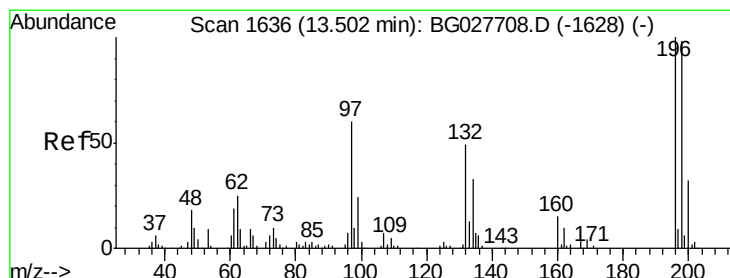
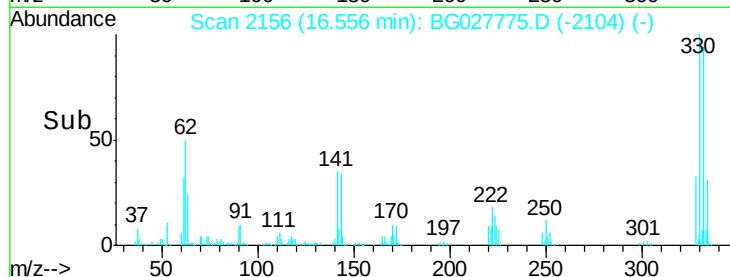
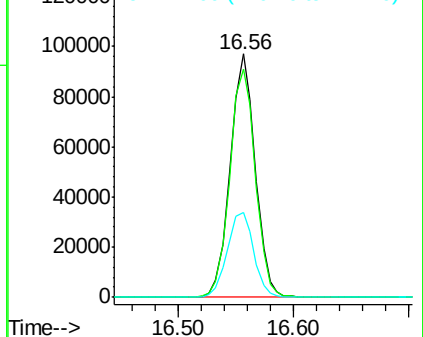
141 37.2 32.1 48.1



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



#42

2,4,6-Trichlorophenol

Concen: 41.077 ng

RT: 13.51 min Scan# 1638

Delta R.T. 0.01 min

Lab File: BG027775.D

Acq: 1 Jul 2017 9:14

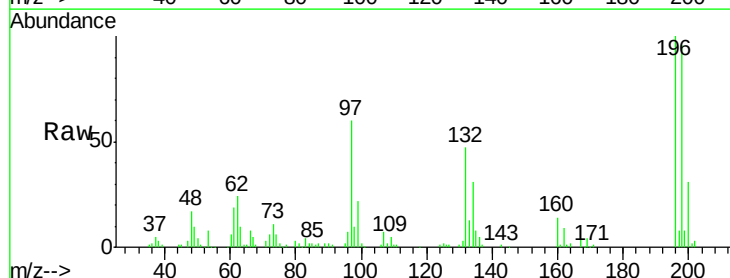
Tgt Ion:196 Resp: 92254

Ion Ratio Lower Upper

196 100

198 96.0 81.4 122.2

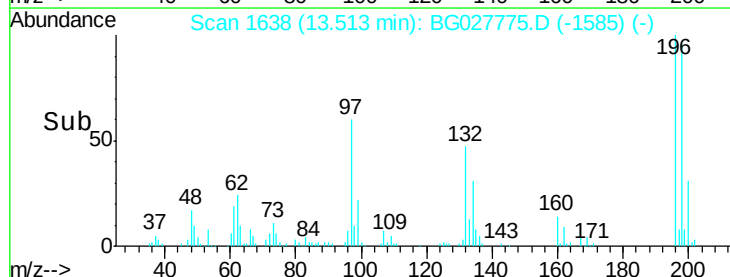
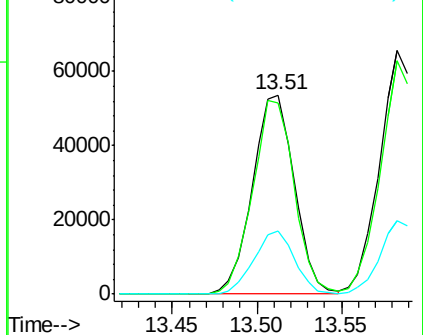
200 31.4 27.0 40.6

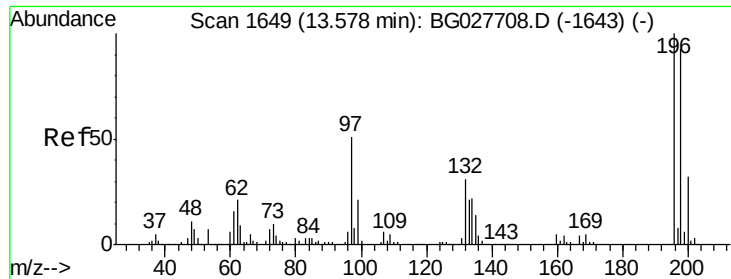


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

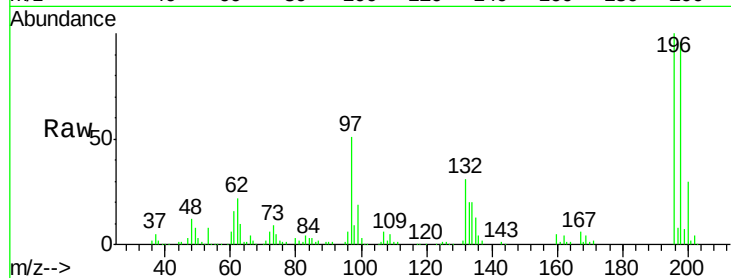




#43  
 2,4,5-Trichlorophenol  
 Concen: 42.422 ng  
 RT: 13.58 min Scan# 1650  
 Delta R.T. 0.00 min  
 Lab File: BG027775.D  
 Acq: 1 Jul 2017 9:14

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 196     | 107954 |       |       |
| 198     | 95.6   | 79.9  | 119.9 |
| 97      | 51.0   | 45.4  | 68.0  |
| 132     | 30.7   | 20.7  | 31.1  |



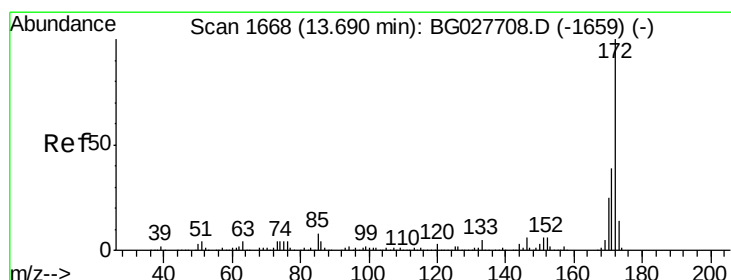
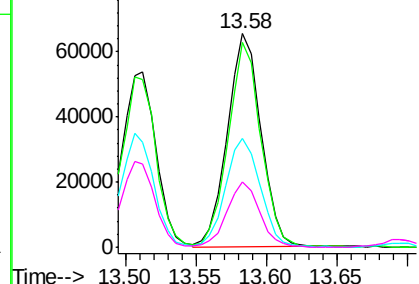
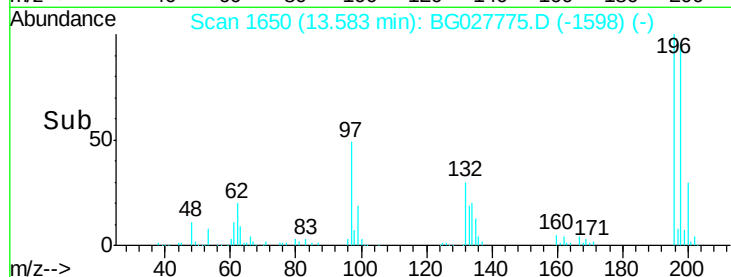
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

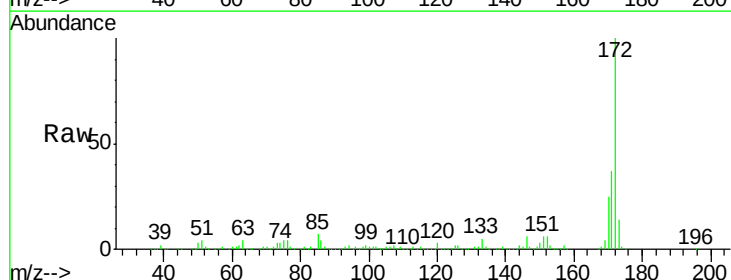
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 84.170 ng  
 RT: 13.69 min Scan# 1669  
 Delta R.T. 0.00 min  
 Lab File: BG027775.D  
 Acq: 1 Jul 2017 9:14

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 172     | 697411 |       |       |
| 171     | 37.0   | 32.2  | 48.2  |
| 170     | 24.8   | 21.8  | 32.6  |

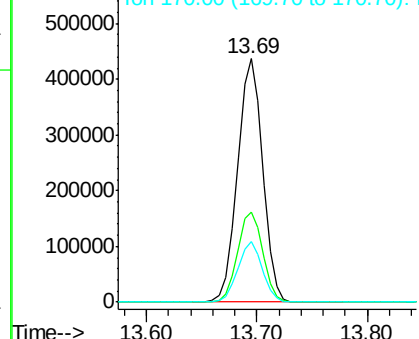
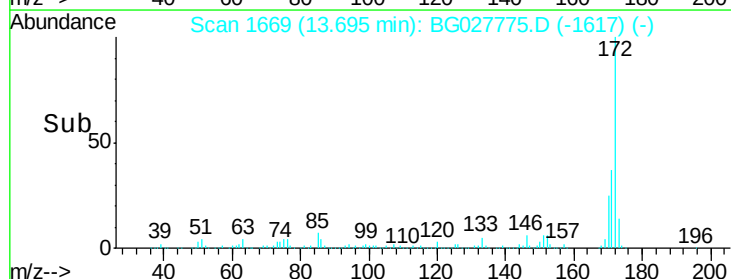


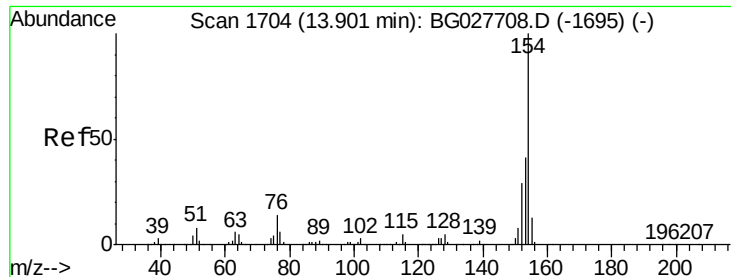
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

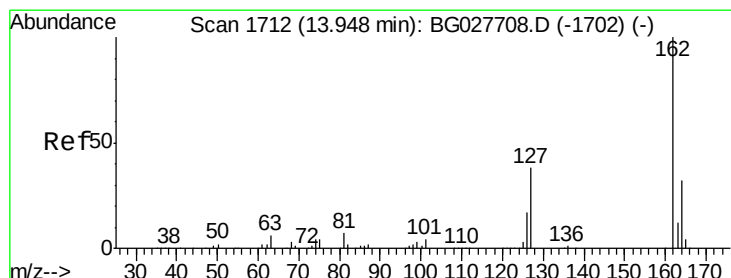
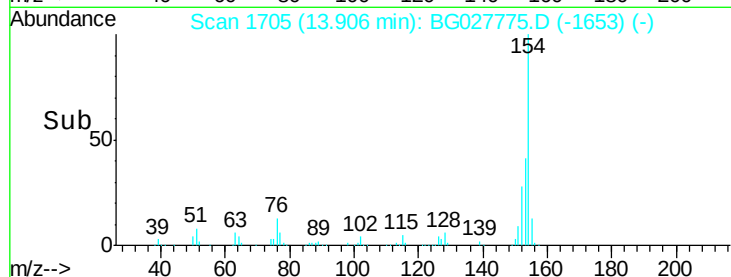
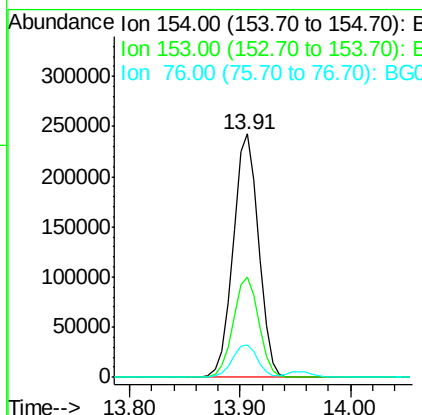
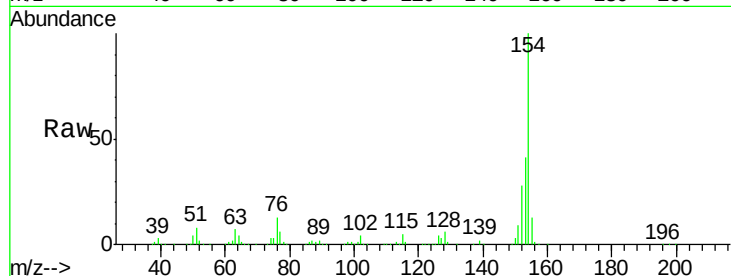




#45  
 1,1'-Biphenyl  
 Concen: 41.237 ng  
 RT: 13.91 min Scan# 1705  
 Delta R.T. 0.00 min  
 Lab File: BG027775.D  
 Acq: 1 Jul 2017 9:14

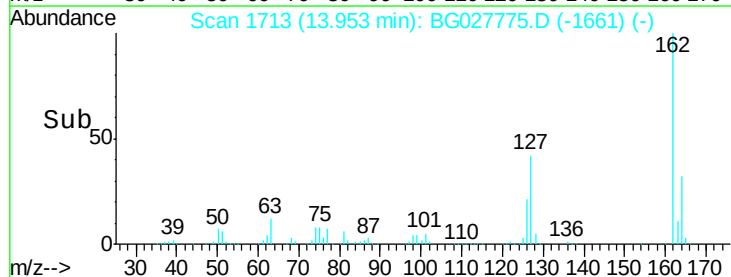
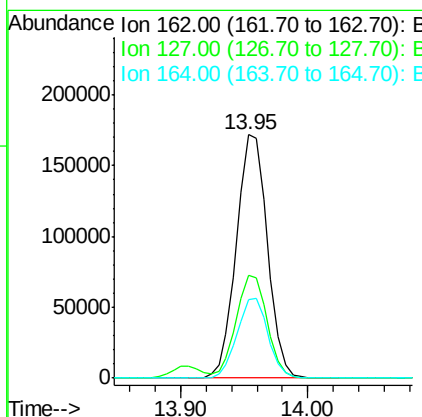
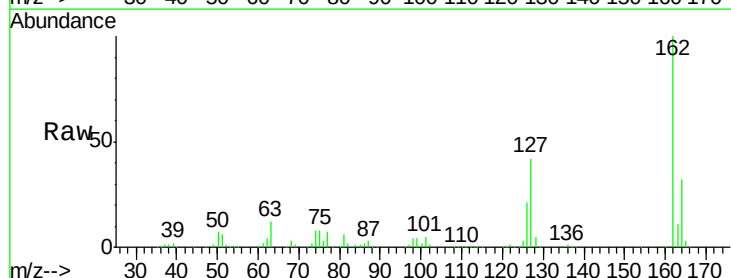
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

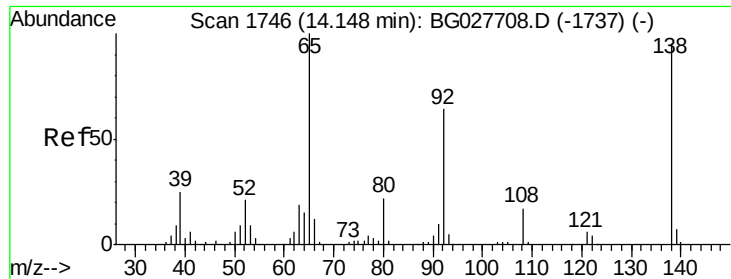
Tgt Ion:154 Resp: 391124  
 Ion Ratio Lower Upper  
 154 100  
 153 41.2 23.0 63.0  
 76 13.3 0.0 33.5



#46  
 2-Chloronaphthalene  
 Concen: 40.704 ng  
 RT: 13.95 min Scan# 1713  
 Delta R.T. 0.00 min  
 Lab File: BG027775.D  
 Acq: 1 Jul 2017 9:14

Tgt Ion:162 Resp: 291647  
 Ion Ratio Lower Upper  
 162 100  
 127 42.1 32.2 48.4  
 164 32.5 27.3 40.9

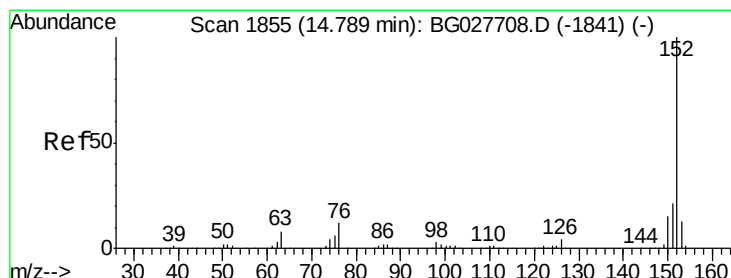
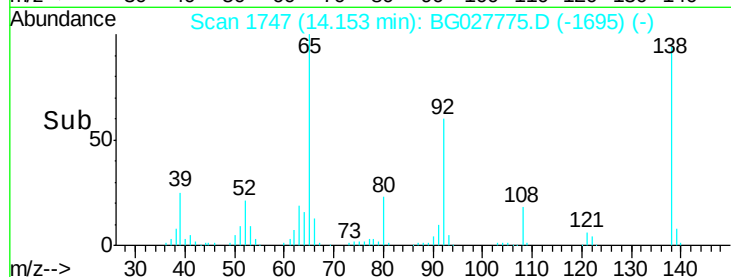
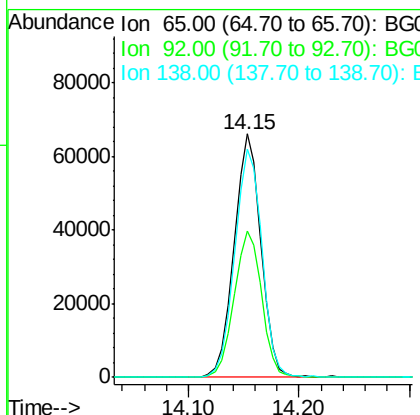
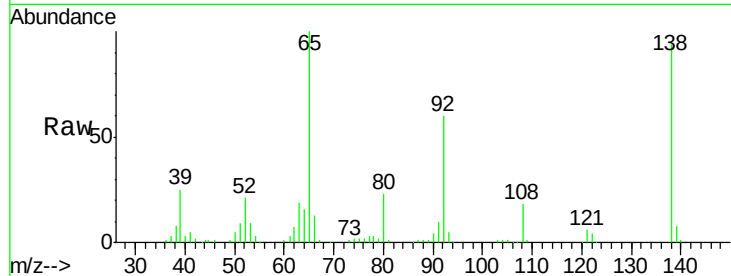




#47  
 2-Nitroaniline  
 Concen: 39.338 ng  
 RT: 14.15 min Scan# 1747  
 Delta R.T. 0.00 min  
 Lab File: BG027775.D  
 Acq: 1 Jul 2017 9:14

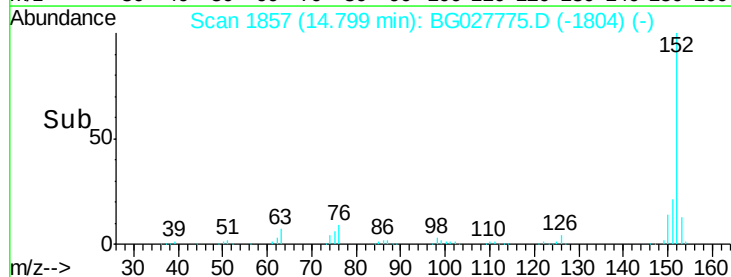
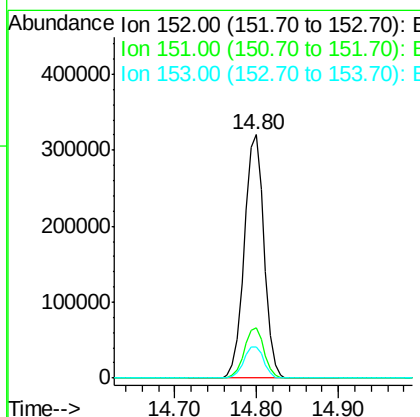
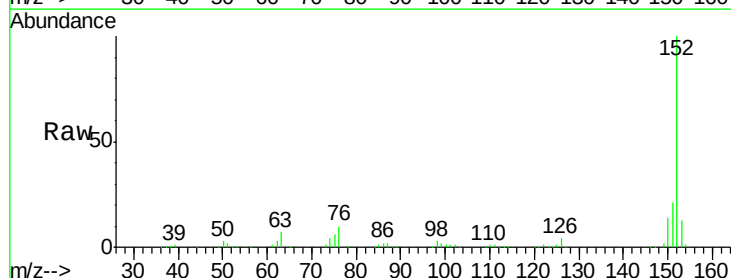
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

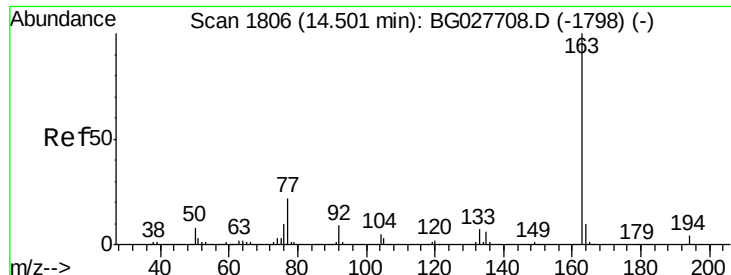
Tgt Ion: 65 Resp: 112822  
 Ion Ratio Lower Upper  
 65 100  
 92 60.2 49.0 73.4  
 138 94.0 58.6 87.8#



#48  
 Acenaphthylene  
 Concen: 40.964 ng  
 RT: 14.80 min Scan# 1857  
 Delta R.T. 0.01 min  
 Lab File: BG027775.D  
 Acq: 1 Jul 2017 9:14

Tgt Ion: 152 Resp: 536329  
 Ion Ratio Lower Upper  
 152 100  
 151 20.9 18.2 27.2  
 153 13.1 11.3 16.9





#49

Dimethylphthalate

Concen: 38.429 ng

RT: 14.51 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BG027775.D

Acq: 1 Jul 2017 9:14

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

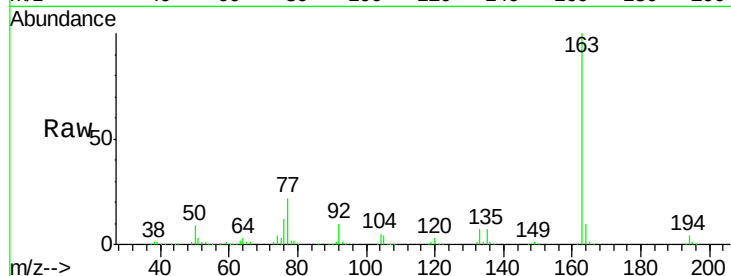
Tgt Ion:163 Resp: 387927

Ion Ratio Lower Upper

163 100

194 4.2 3.8 5.6

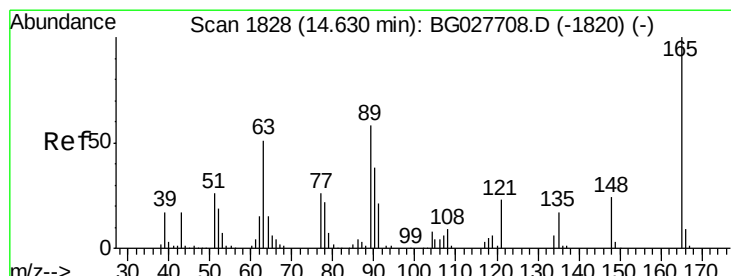
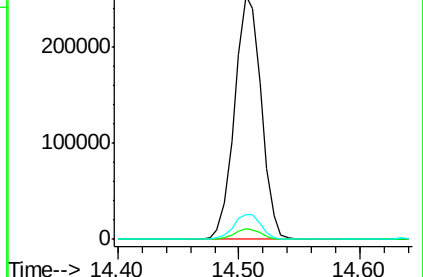
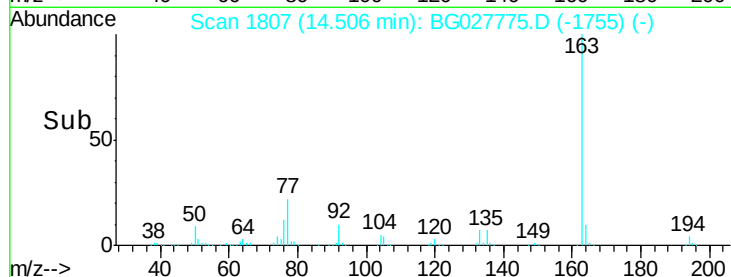
164 10.3 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.129 ng

RT: 14.63 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BG027775.D

Acq: 1 Jul 2017 9:14

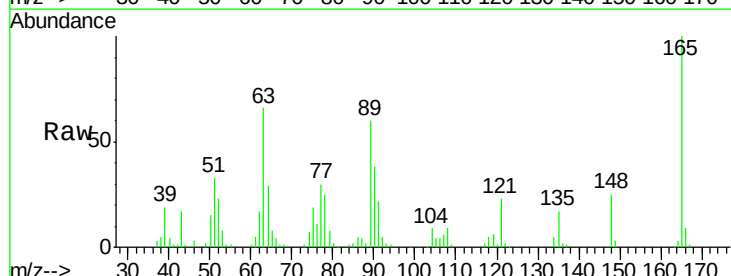
Tgt Ion:165 Resp: 90254

Ion Ratio Lower Upper

165 100

63 66.3 63.9 95.9

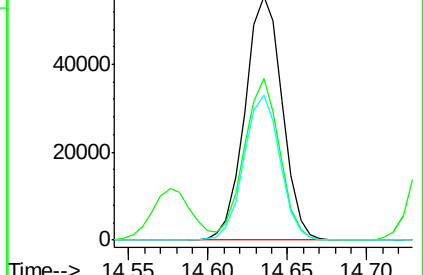
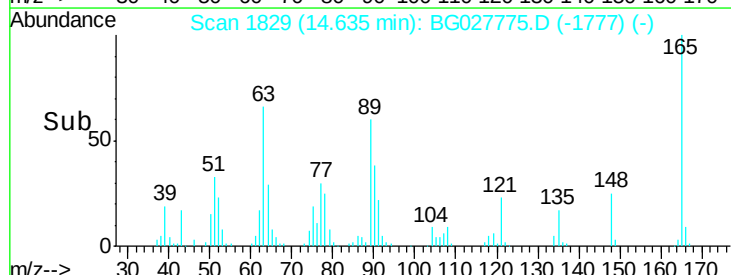
89 59.6 58.6 88.0

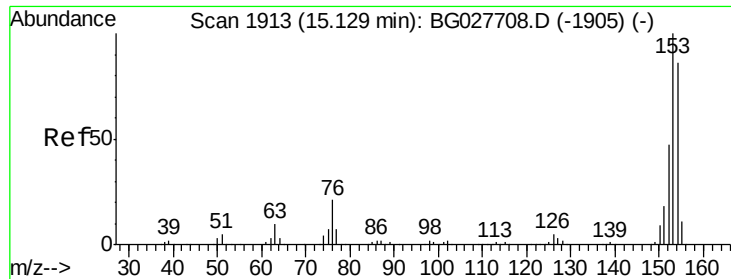


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 40.872 ng

RT: 15.13 min Scan# 1914

Delta R.T. 0.00 min

Lab File: BG027775.D

Acq: 1 Jul 2017 9:14

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

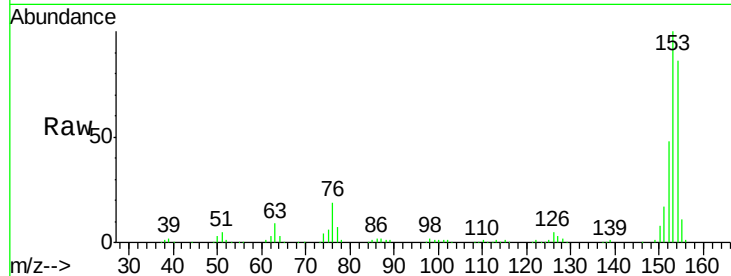
Tgt Ion:154 Resp: 342974

Ion Ratio Lower Upper

154 100

153 115.9 87.8 131.6

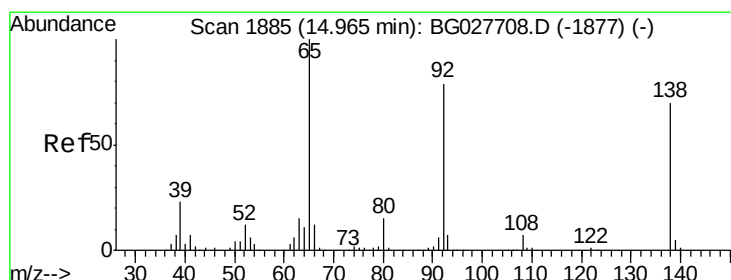
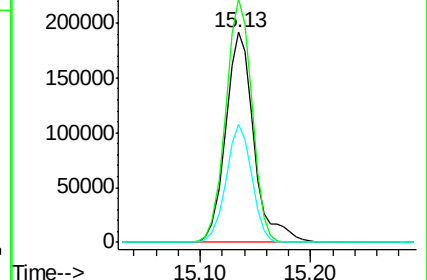
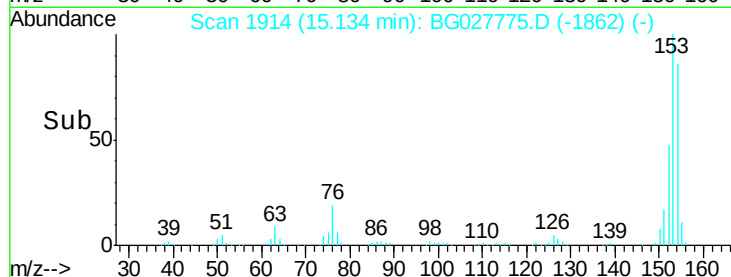
152 56.2 42.2 63.4



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



#52

3-Nitroaniline

Concen: 37.831 ng

RT: 14.97 min Scan# 1886

Delta R.T. 0.00 min

Lab File: BG027775.D

Acq: 1 Jul 2017 9:14

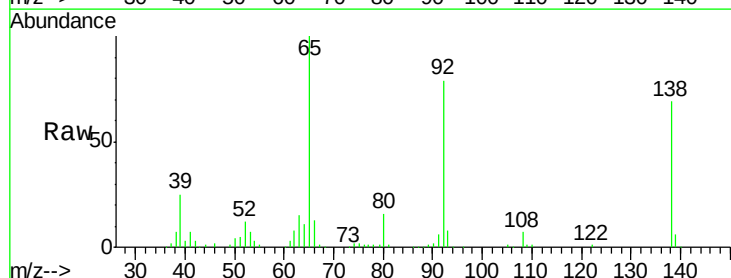
Tgt Ion:138 Resp: 97665

Ion Ratio Lower Upper

138 100

108 10.1 10.9 16.3#

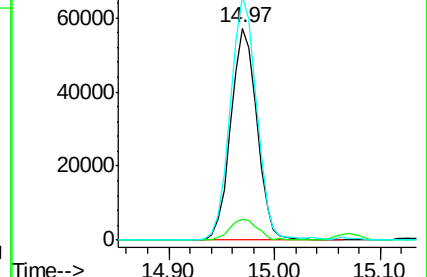
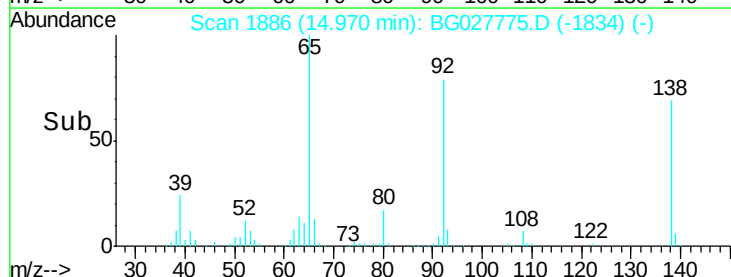
92 114.8 115.3 172.9#

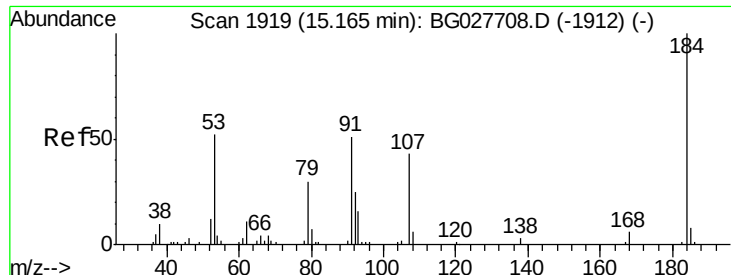


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

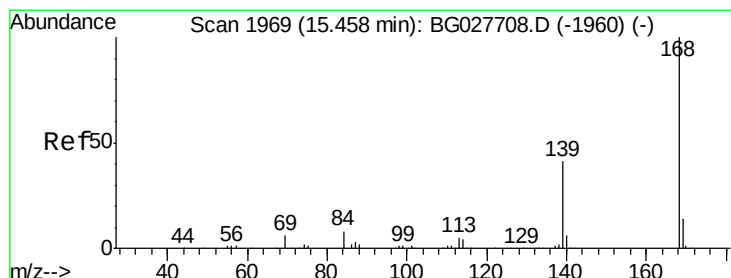
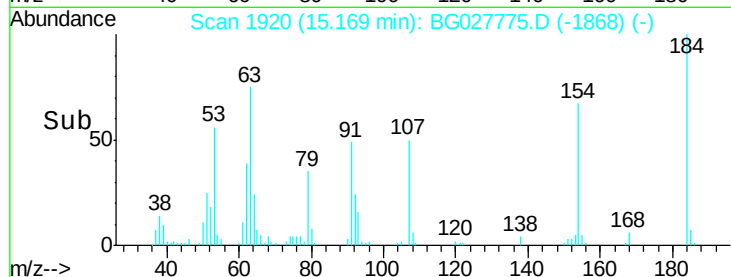
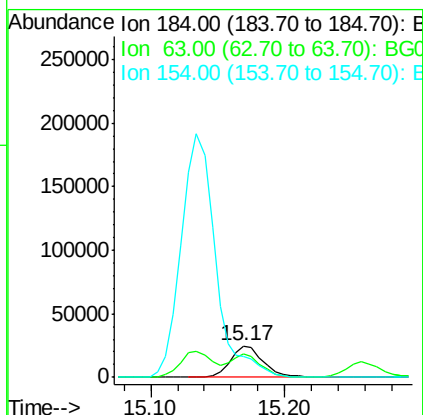
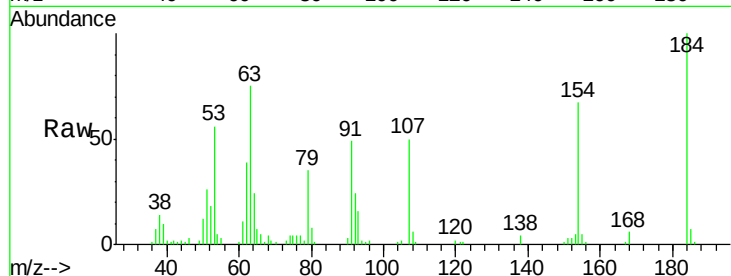




#53  
 2,4-Dinitrophenol  
 Concen: 40.240 ng  
 RT: 15.17 min Scan# 1920  
 Delta R.T. 0.01 min  
 Lab File: BG027775.D  
 Acq: 1 Jul 2017 9:14

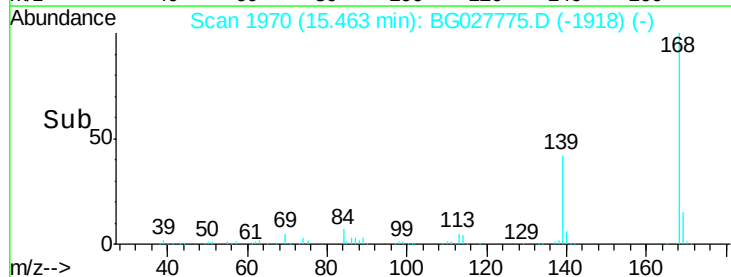
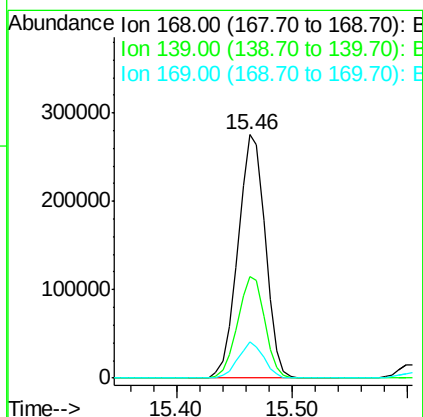
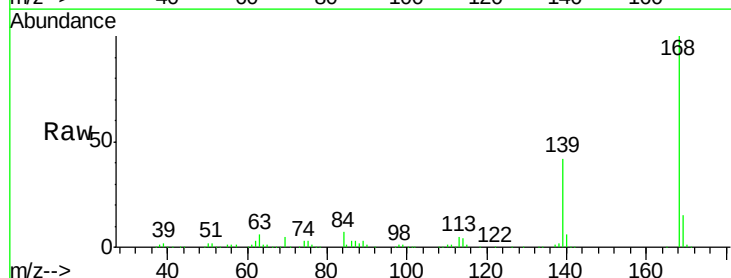
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

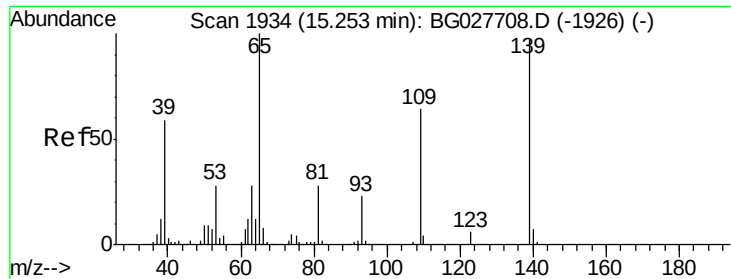
Tgt Ion:184 Resp: 42714  
 Ion Ratio Lower Upper  
 184 100  
 63 75.1 52.7 79.1  
 154 67.5 57.3 85.9



#54  
 Dibenzofuran  
 Concen: 40.619 ng  
 RT: 15.46 min Scan# 1970  
 Delta R.T. 0.00 min  
 Lab File: BG027775.D  
 Acq: 1 Jul 2017 9:14

Tgt Ion:168 Resp: 450697  
 Ion Ratio Lower Upper  
 168 100  
 139 41.9 35.3 52.9  
 169 15.0 11.5 17.3





#55

4-Nitrophenol

Concen: 34.253 ng

RT: 15.26 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BG027775.D

Acq: 1 Jul 2017 9:14

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

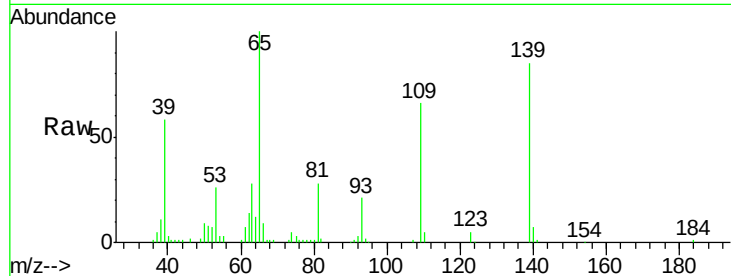
Tgt Ion:139 Resp: 67502

Ion Ratio Lower Upper

139 100

109 77.7 101.2 141.2#

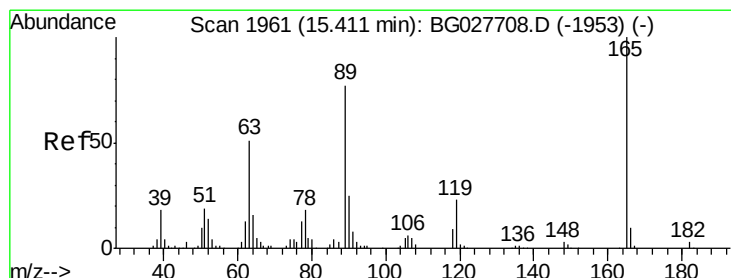
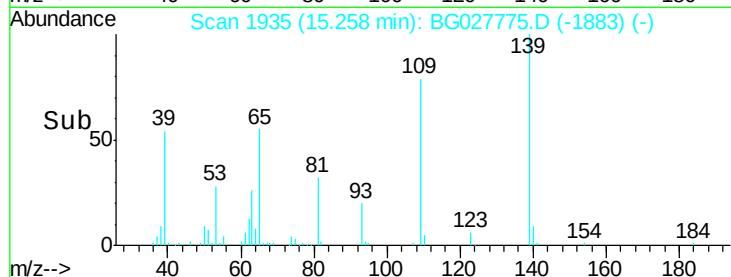
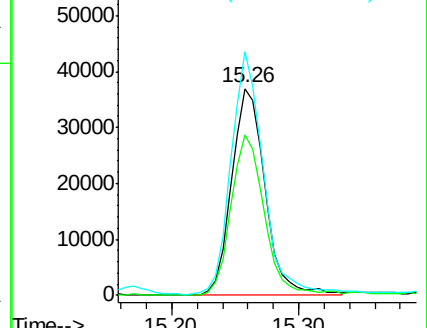
65 117.6 135.3 175.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 40.141 ng

RT: 15.42 min Scan# 1963

Delta R.T. 0.01 min

Lab File: BG027775.D

Acq: 1 Jul 2017 9:14

Tgt Ion:165 Resp: 122862

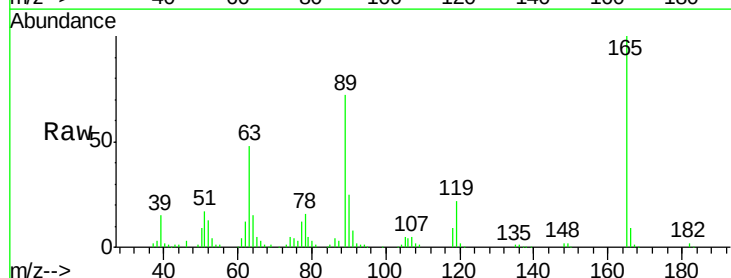
Ion Ratio Lower Upper

165 100

63 47.9 44.0 66.0

89 72.0 67.3 100.9

182 2.5 3.8 5.6#

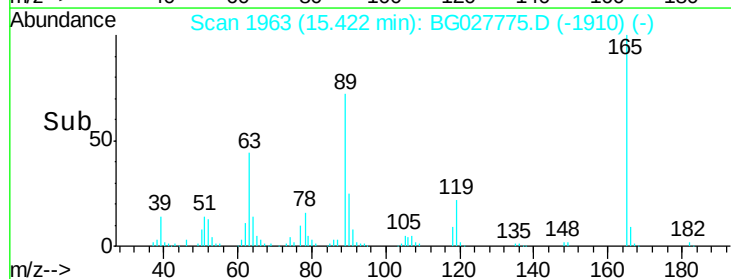
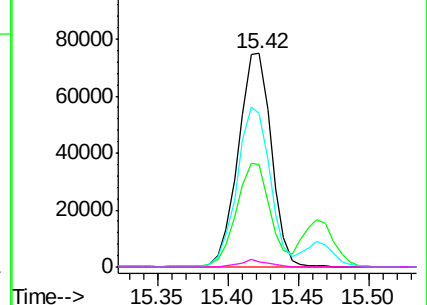


Abundance Ion 165.00 (164.70 to 165.70): E

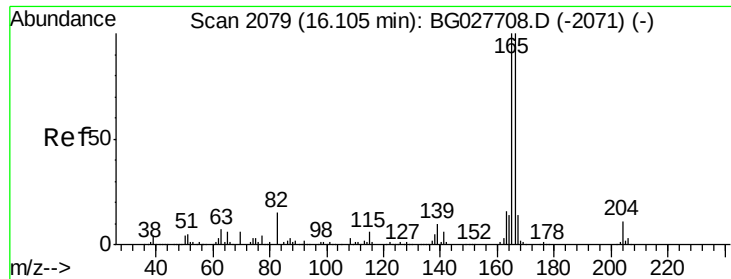
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



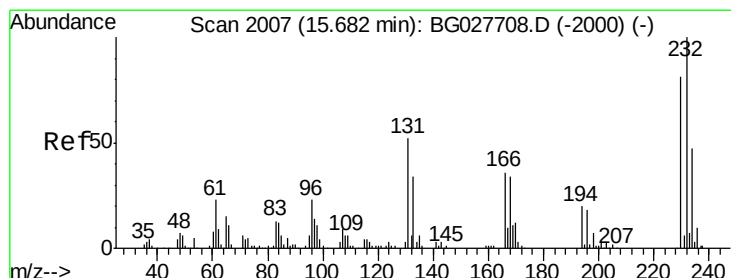
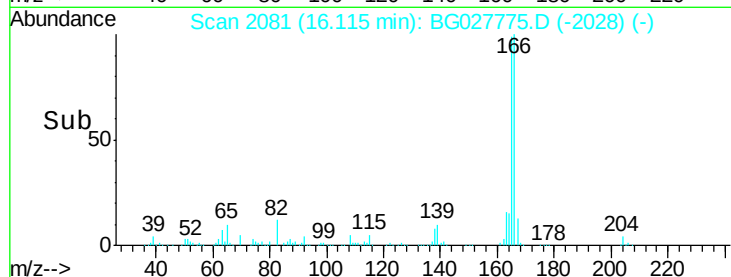
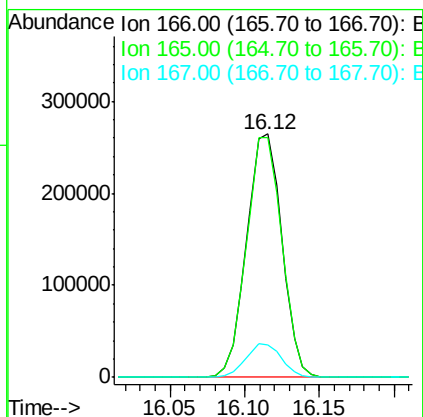
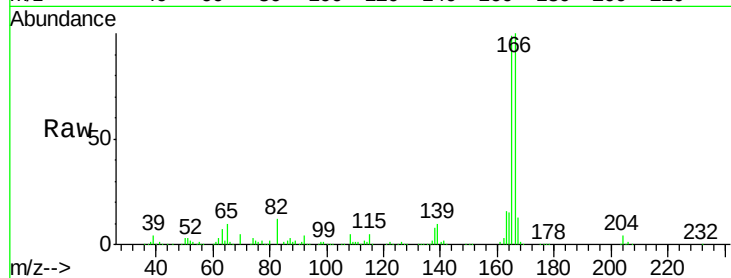




#57  
 Fluorene  
 Concen: 40.119 ng  
 RT: 16.12 min Scan# 2081  
 Delta R.T. 0.01 min  
 Lab File: BG027775.D  
 Acq: 1 Jul 2017 9:14

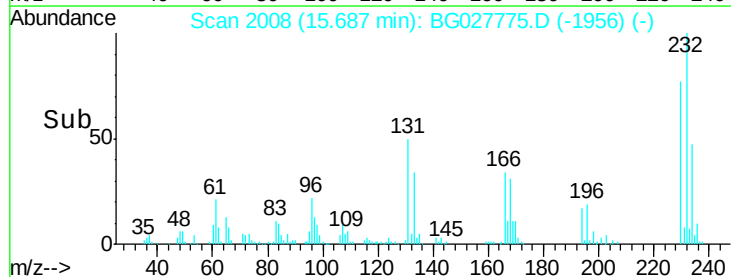
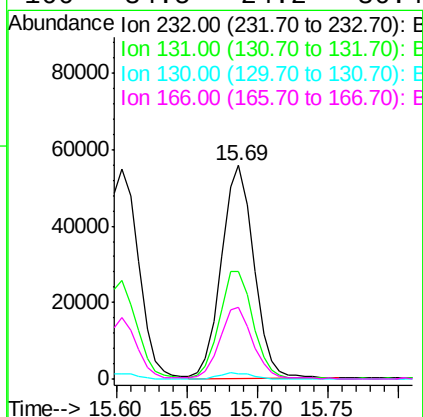
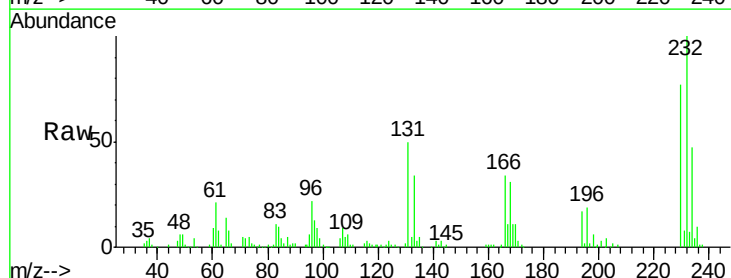
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

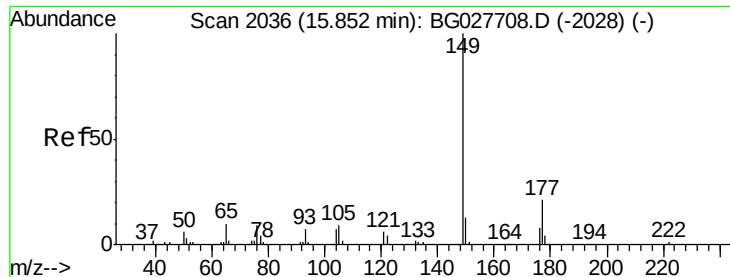
Tgt Ion:166 Resp: 431615  
 Ion Ratio Lower Upper  
 166 100  
 165 98.6 78.6 117.8  
 167 13.4 11.6 17.4



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 40.620 ng  
 RT: 15.69 min Scan# 2008  
 Delta R.T. 0.00 min  
 Lab File: BG027775.D  
 Acq: 1 Jul 2017 9:14

Tgt Ion:232 Resp: 89107  
 Ion Ratio Lower Upper  
 232 100  
 131 51.8 34.9 52.3  
 130 2.7 2.3 3.5  
 166 34.5 24.2 36.4

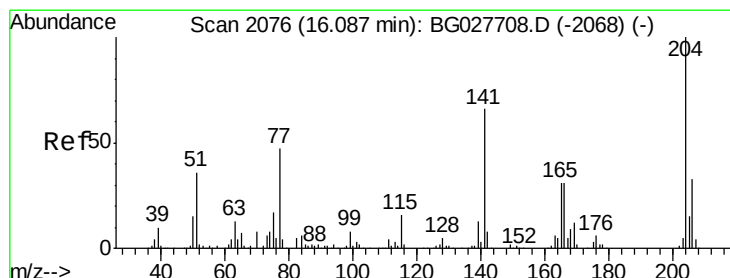
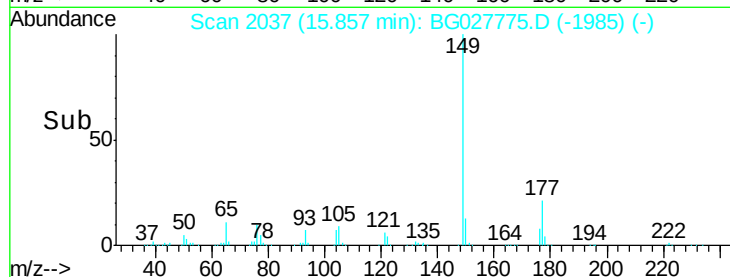
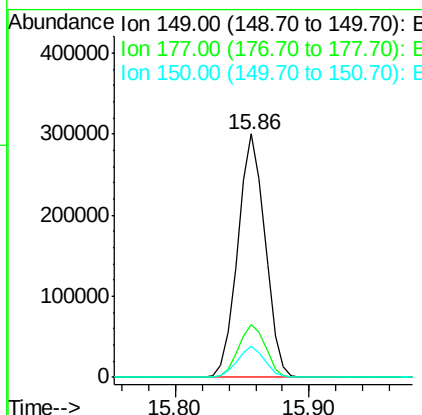
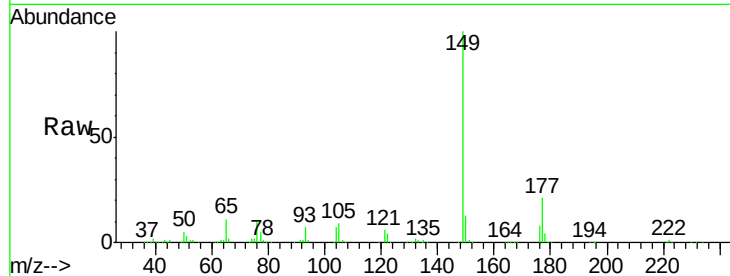




#59  
Diethylphthalate  
Concen: 37.962 ng  
RT: 15.86 min Scan# 2037  
Delta R.T. 0.00 min  
Lab File: BG027775.D  
Acq: 1 Jul 2017 9:14

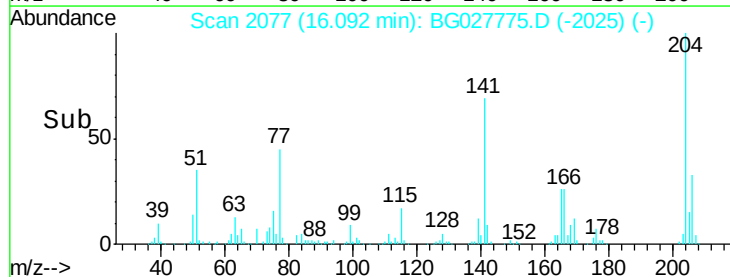
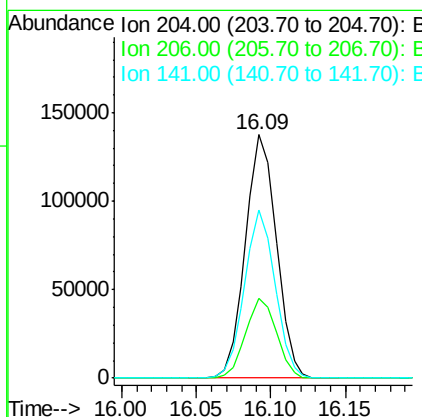
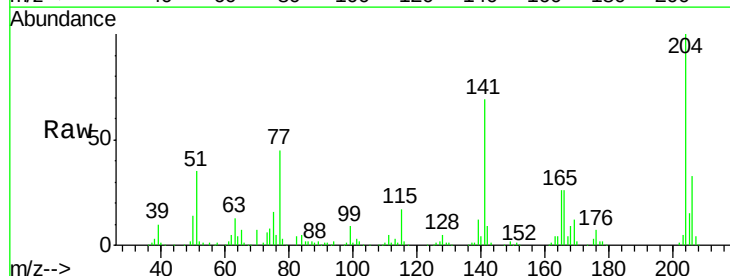
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

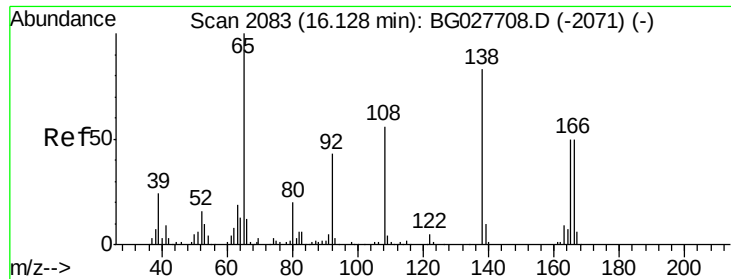
Tgt Ion:149 Resp: 424340  
Ion Ratio Lower Upper  
149 100  
177 21.5 20.1 30.1  
150 12.6 10.2 15.2



#60  
4-Chlorophenyl-phenylether  
Concen: 41.494 ng  
RT: 16.09 min Scan# 2077  
Delta R.T. 0.00 min  
Lab File: BG027775.D  
Acq: 1 Jul 2017 9:14

Tgt Ion:204 Resp: 197612  
Ion Ratio Lower Upper  
204 100  
206 32.6 30.1 45.1  
141 69.2 50.6 76.0

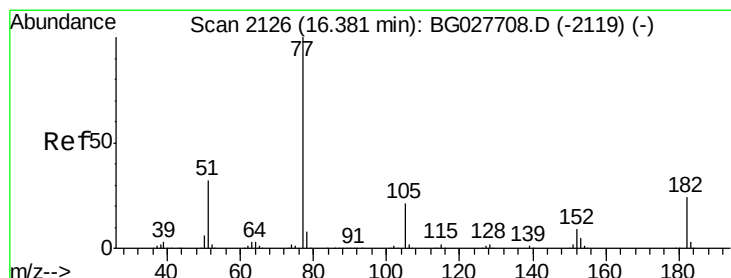
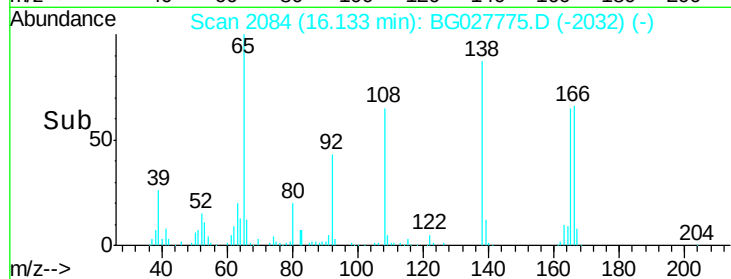
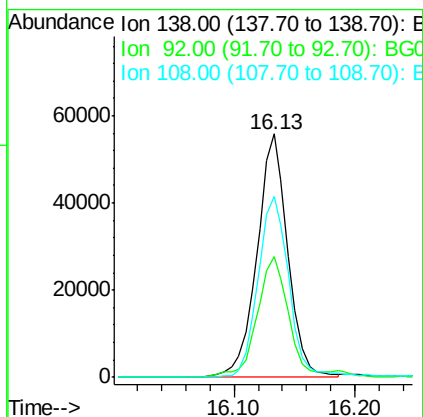
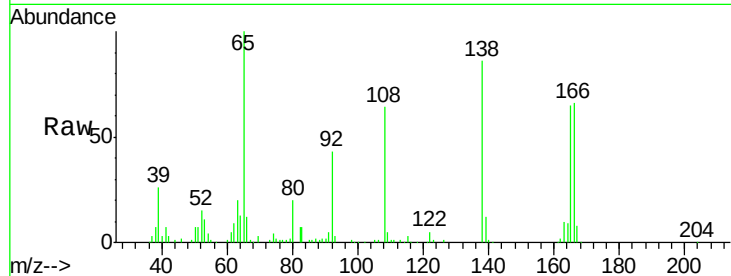




#61  
4-Nitroaniline  
Concen: 36.853 ng  
RT: 16.13 min Scan# 2084  
Delta R.T. 0.00 min  
Lab File: BG027775.D  
Acq: 1 Jul 2017 9:14

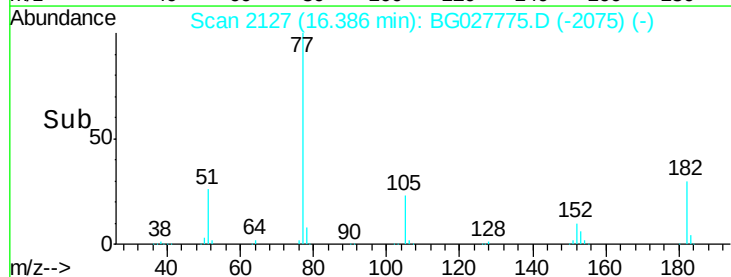
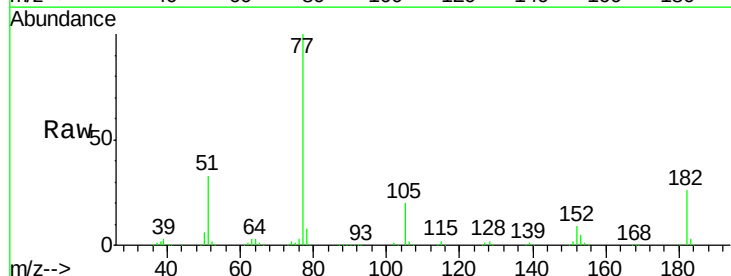
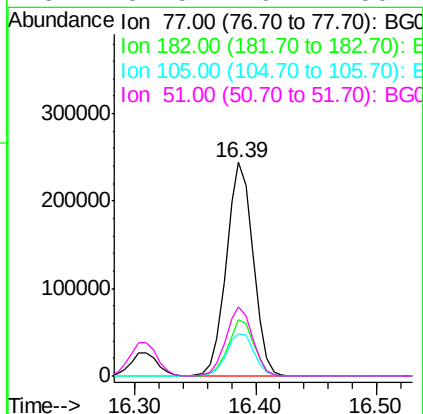
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

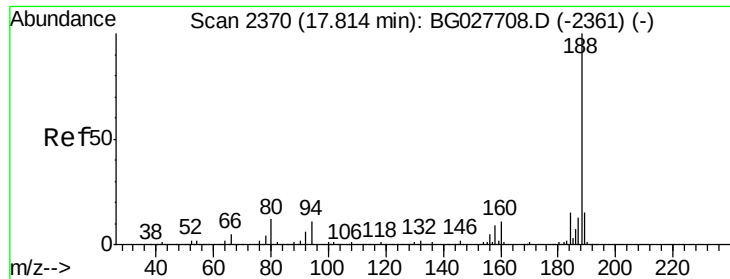
Tgt Ion:138 Resp: 99117  
Ion Ratio Lower Upper  
138 100  
92 49.4 44.2 84.2  
108 74.5 104.8 144.8#



#62  
Azobenzene  
Concen: 38.219 ng  
RT: 16.39 min Scan# 2127  
Delta R.T. 0.00 min  
Lab File: BG027775.D  
Acq: 1 Jul 2017 9:14

Tgt Ion: 77 Resp: 375393  
Ion Ratio Lower Upper  
77 100  
182 26.1 4.7 44.7  
105 19.9 0.0 36.3  
51 32.5 16.4 56.4

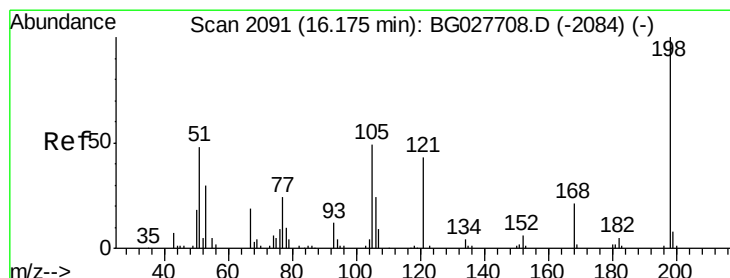
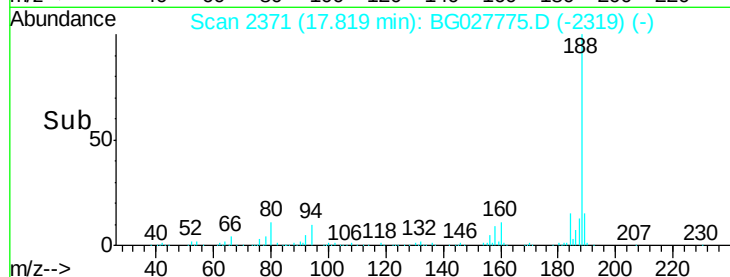
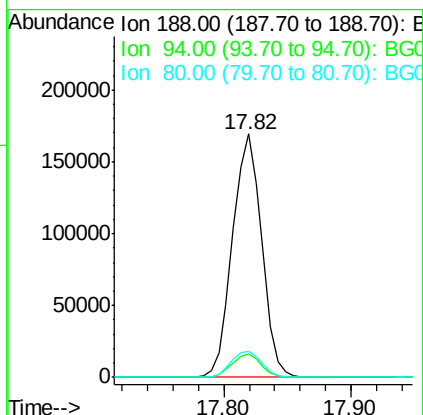
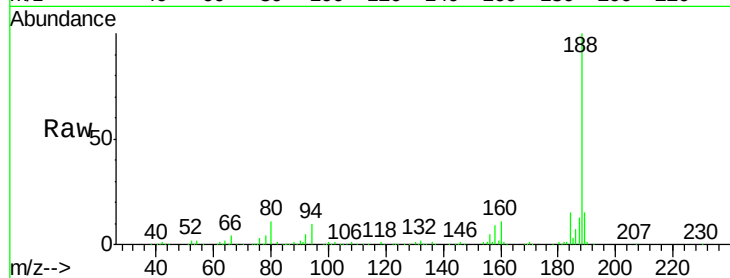




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.82 min Scan# 2371  
Delta R.T. 0.00 min  
Lab File: BG027775.D  
Acq: 1 Jul 2017 9:14

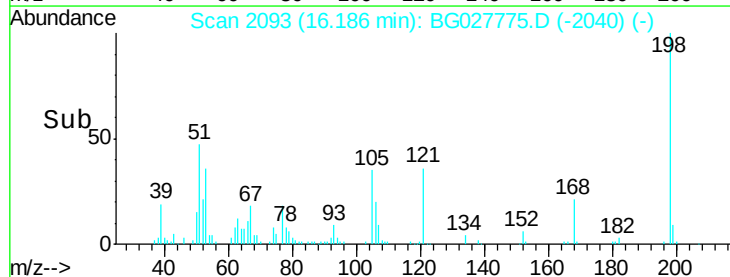
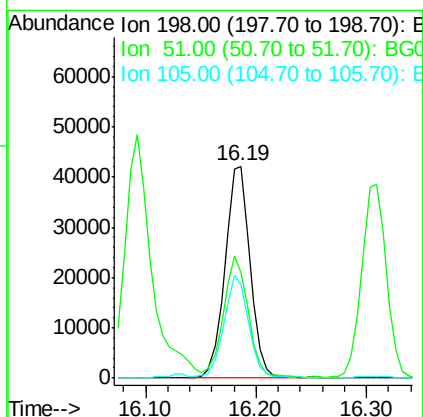
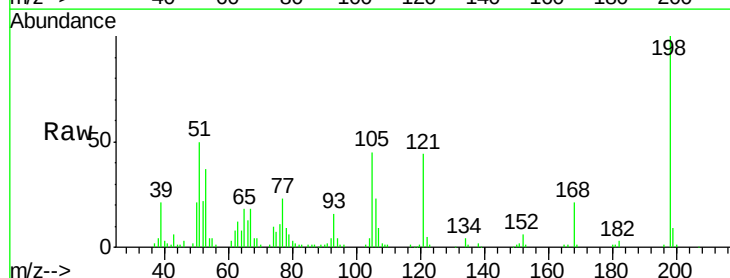
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

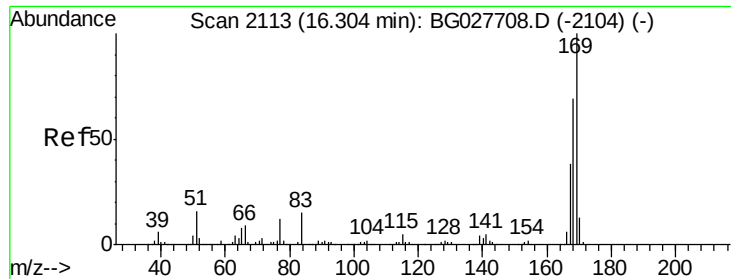
Tgt Ion:188 Resp: 268492  
Ion Ratio Lower Upper  
188 100  
94 9.6 5.8 8.8#  
80 10.6 7.5 11.3



#64  
4,6-Dinitro-2-methylphenol  
Concen: 41.119 ng  
RT: 16.19 min Scan# 2093  
Delta R.T. 0.01 min  
Lab File: BG027775.D  
Acq: 1 Jul 2017 9:14

Tgt Ion:198 Resp: 67238  
Ion Ratio Lower Upper  
198 100  
51 49.8 22.6 62.6  
105 44.5 14.4 54.4

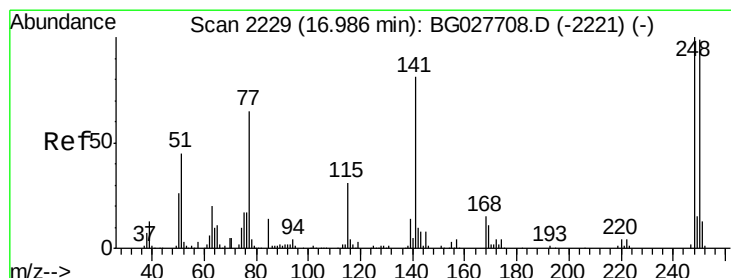
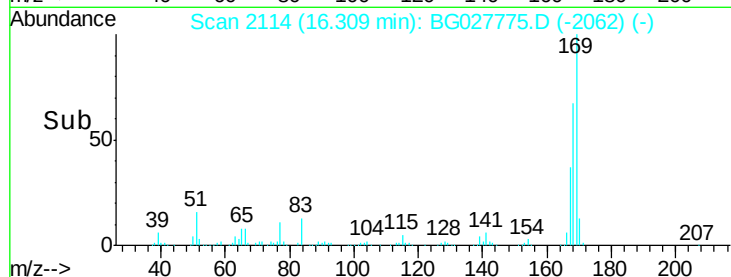
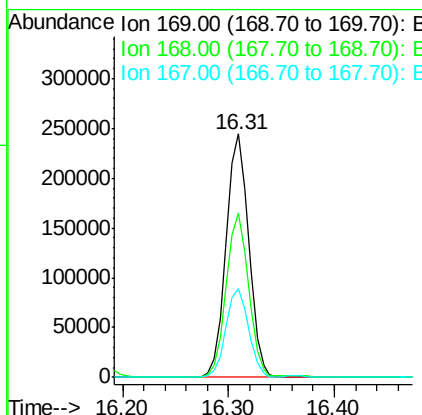
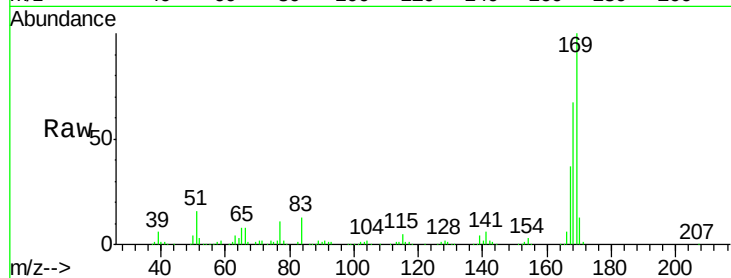




#65  
 n-Nitrosodiphenylamine  
 Concen: 41.327 ng  
 RT: 16.31 min Scan# 2114  
 Delta R.T. 0.00 min  
 Lab File: BG027775.D  
 Acq: 1 Jul 2017 9:14

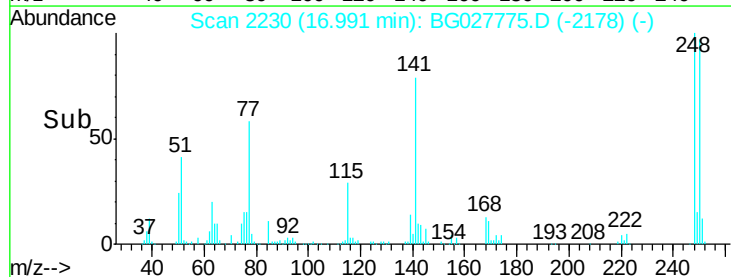
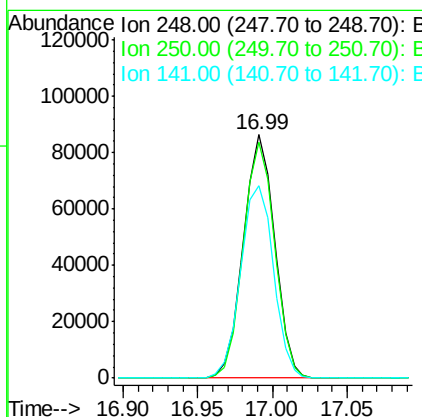
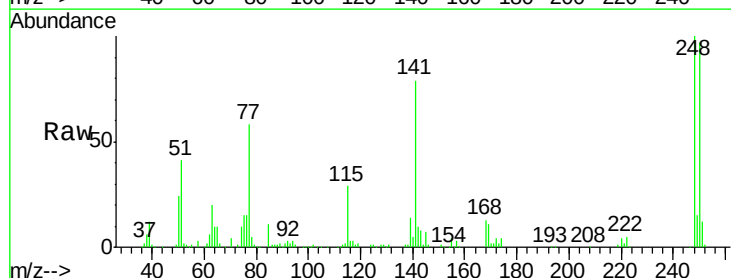
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

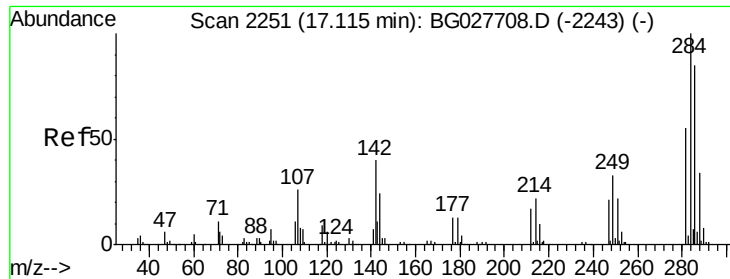
Tgt Ion:169 Resp: 360955  
 Ion Ratio Lower Upper  
 169 100  
 168 67.3 55.7 83.5  
 167 36.7 29.8 44.6



#66  
 4-Bromophenyl-phenylether  
 Concen: 44.766 ng  
 RT: 16.99 min Scan# 2230  
 Delta R.T. 0.00 min  
 Lab File: BG027775.D  
 Acq: 1 Jul 2017 9:14

Tgt Ion:248 Resp: 125710  
 Ion Ratio Lower Upper  
 248 100  
 250 97.0 75.0 112.6  
 141 78.9 55.2 82.8





#67

Hexachlorobenzene

Concen: 44.937 ng

RT: 17.12 min Scan# 2252

Delta R.T. 0.00 min

Lab File: BG027775.D

Acq: 1 Jul 2017 9:14

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

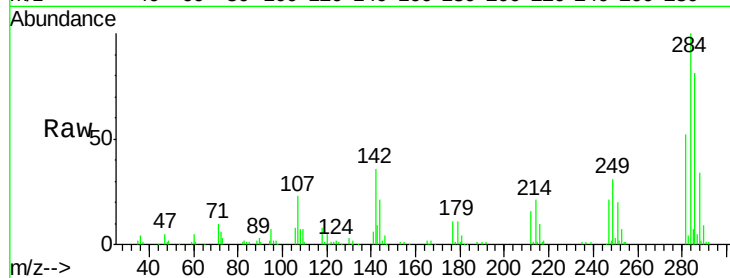
Tgt Ion:284 Resp: 133640

Ion Ratio Lower Upper

284 100

142 35.6 29.9 44.9

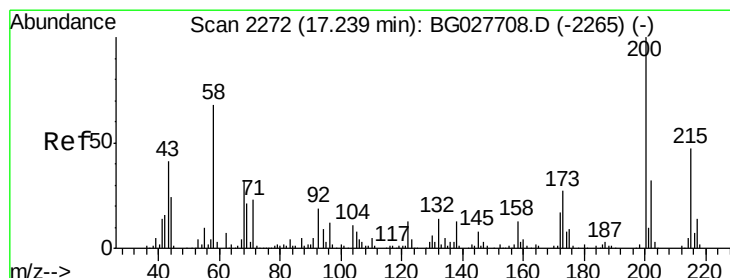
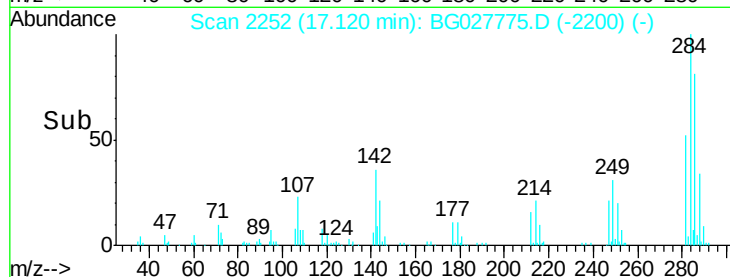
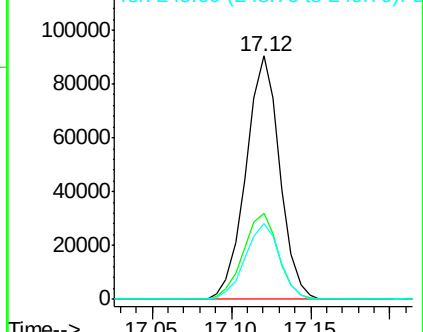
249 31.3 29.2 43.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.412 ng

RT: 17.24 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BG027775.D

Acq: 1 Jul 2017 9:14

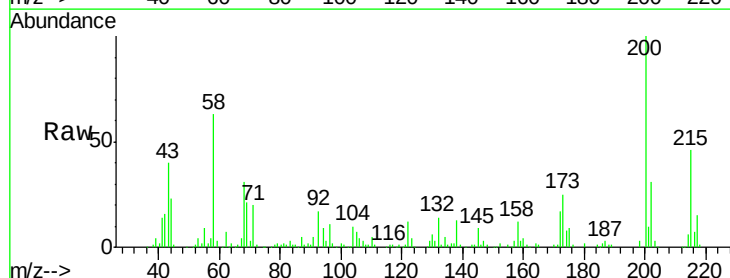
Tgt Ion:200 Resp: 116950

Ion Ratio Lower Upper

200 100

173 25.1 3.0 43.0

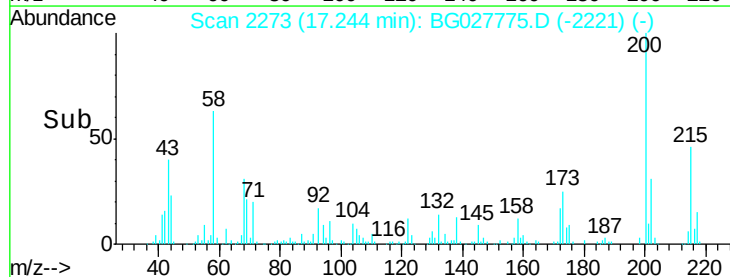
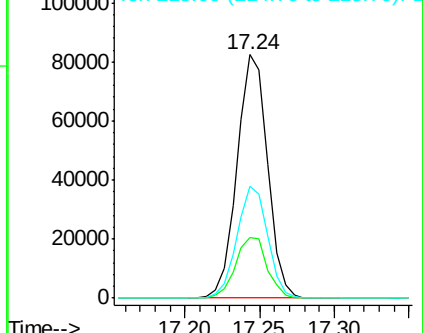
215 45.9 28.4 68.4

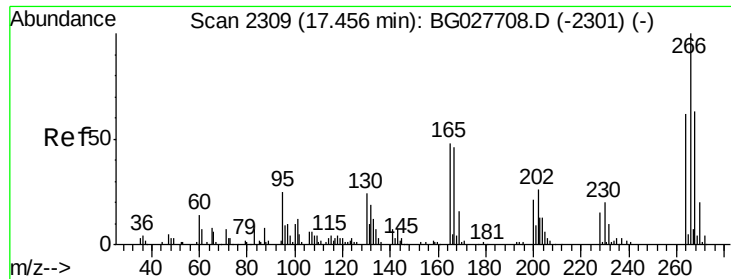


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 39.718 ng

RT: 17.46 min Scan# 2310

Delta R.T. 0.00 min

Lab File: BG027775.D

Acq: 1 Jul 2017 9:14

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

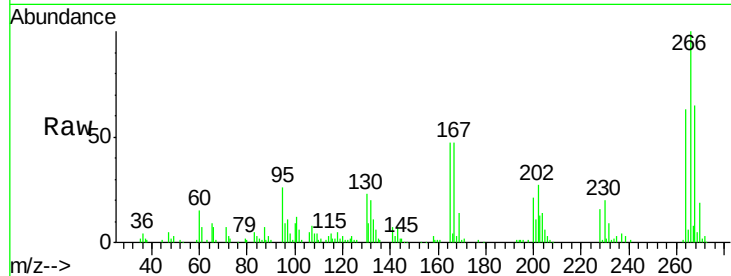
Tgt Ion:266 Resp: 69024

Ion Ratio Lower Upper

266 100

268 65.5 48.6 72.8

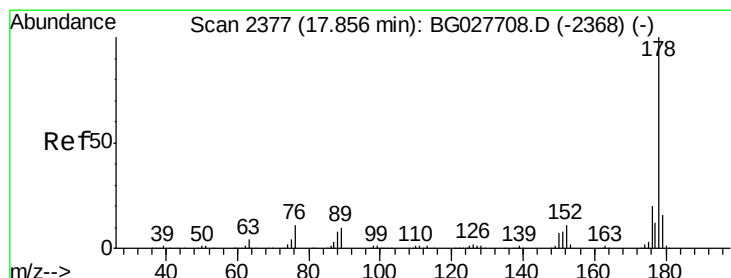
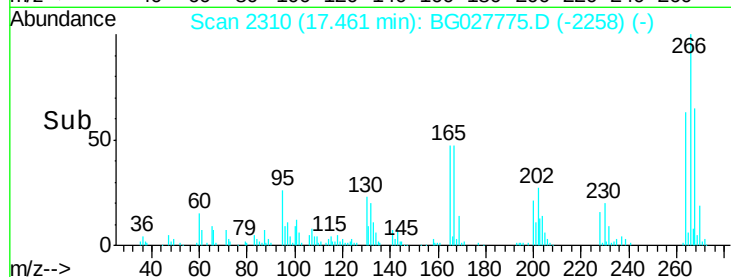
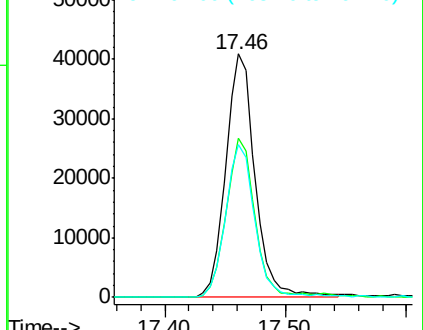
264 63.0 50.1 75.1



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 40.354 ng

RT: 17.86 min Scan# 2378

Delta R.T. 0.00 min

Lab File: BG027775.D

Acq: 1 Jul 2017 9:14

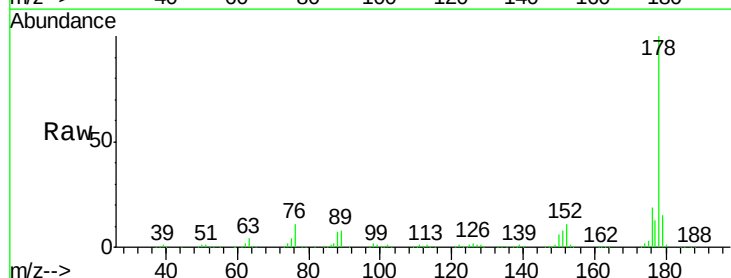
Tgt Ion:178 Resp: 625496

Ion Ratio Lower Upper

178 100

176 19.3 17.7 26.5

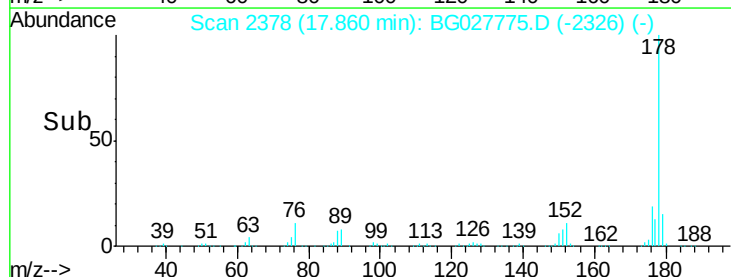
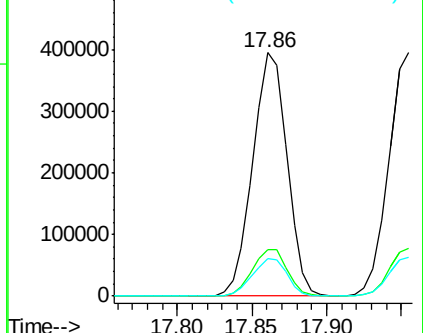
179 15.3 15.0 22.6

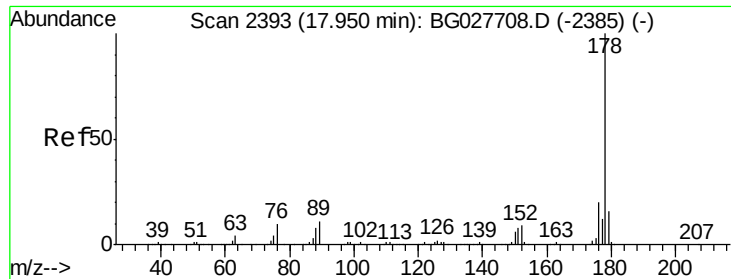


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

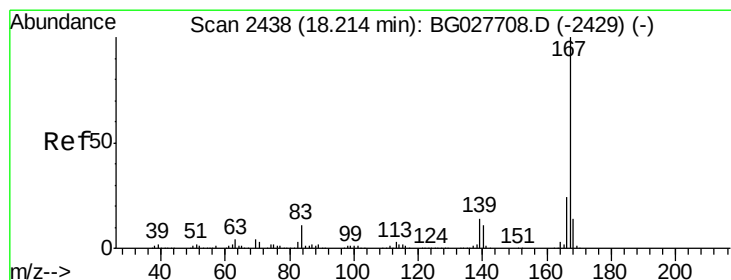
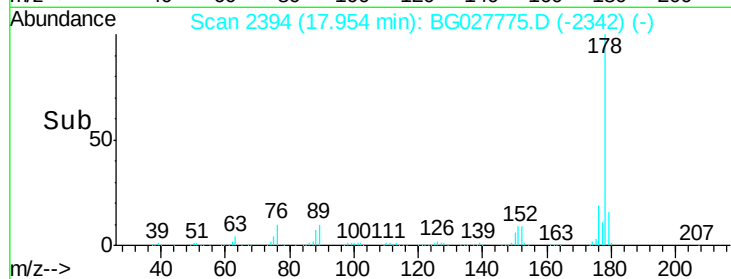
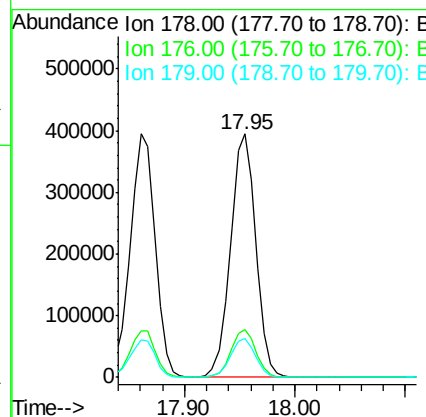
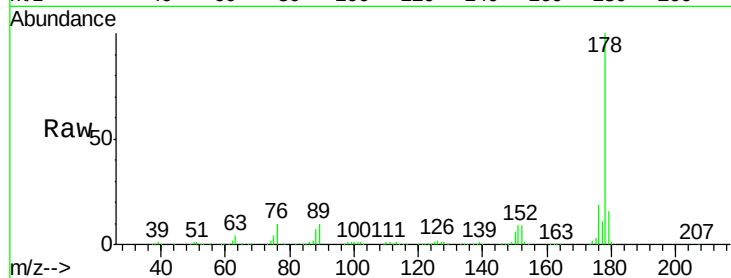




#71  
 Anthracene  
 Concen: 40.258 ng  
 RT: 17.95 min Scan# 2394  
 Delta R.T. 0.00 min  
 Lab File: BG027775.D  
 Acq: 1 Jul 2017 9:14

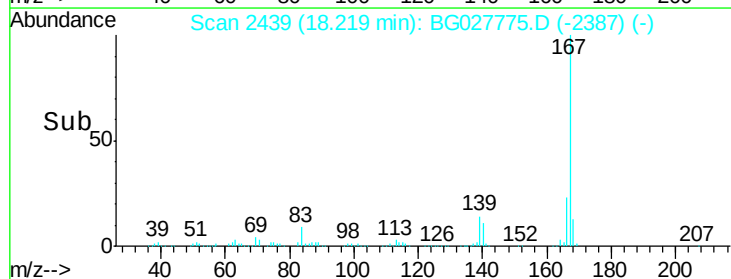
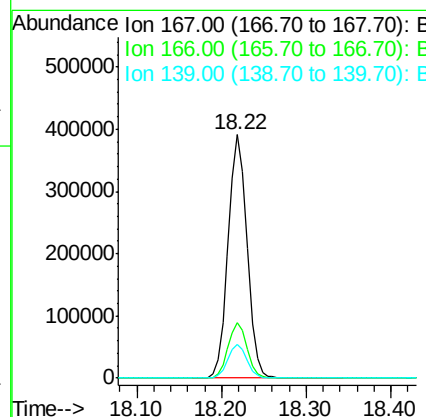
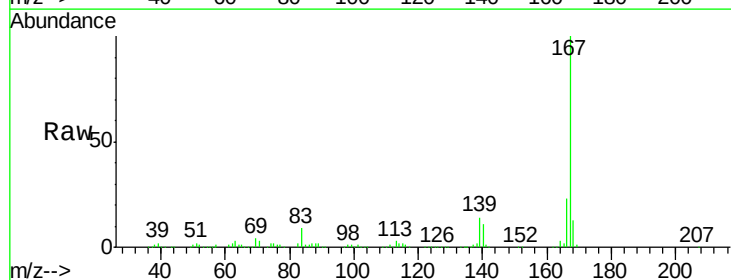
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:178 Resp: 630127  
 Ion Ratio Lower Upper  
 178 100  
 176 19.5 16.4 24.6  
 179 16.2 13.8 20.8

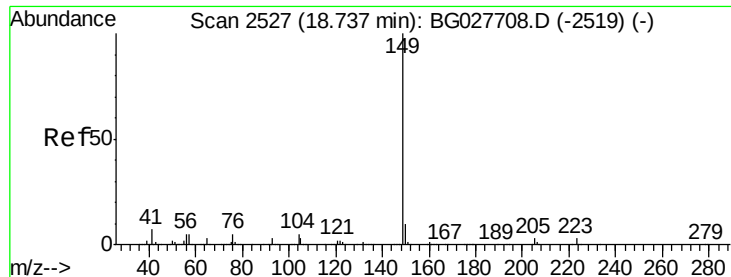


#72  
 Carbazole  
 Concen: 39.301 ng  
 RT: 18.22 min Scan# 2439  
 Delta R.T. 0.00 min  
 Lab File: BG027775.D  
 Acq: 1 Jul 2017 9:14

Tgt Ion:167 Resp: 605812  
 Ion Ratio Lower Upper  
 167 100  
 166 22.9 20.2 30.2  
 139 13.7 12.8 19.2







#73

Di-n-butylphthalate

Concen: 40.222 ng

RT: 18.74 min Scan# 2528

Delta R.T. 0.00 min

Lab File: BG027775.D

Acq: 1 Jul 2017 9:14

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

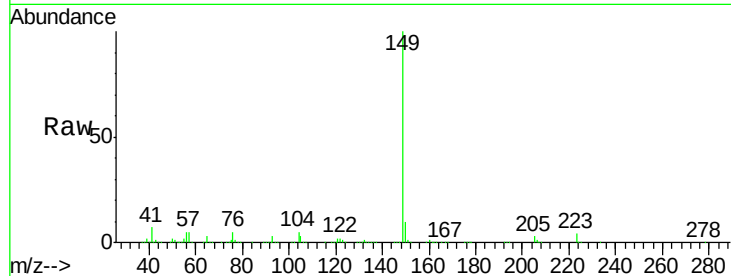
Tgt Ion:149 Resp: 681337

Ion Ratio Lower Upper

149 100

150 9.7 9.1 13.7

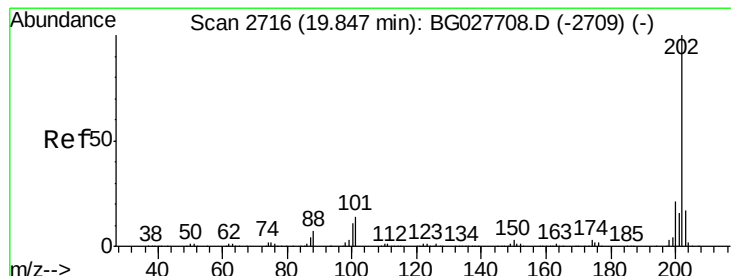
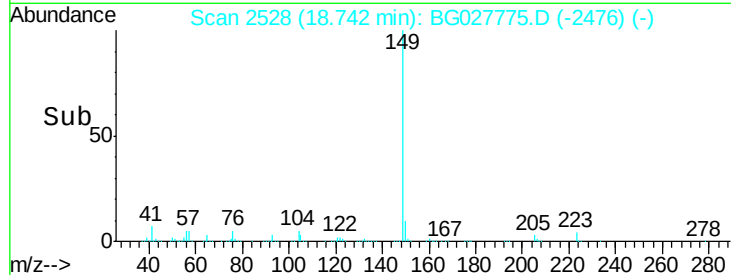
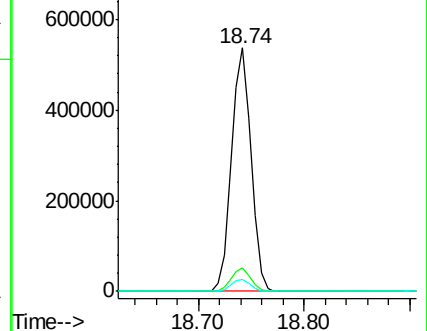
104 5.1 6.7 10.1#



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



#74

Fluoranthene

Concen: 40.797 ng

RT: 19.85 min Scan# 2717

Delta R.T. 0.00 min

Lab File: BG027775.D

Acq: 1 Jul 2017 9:14

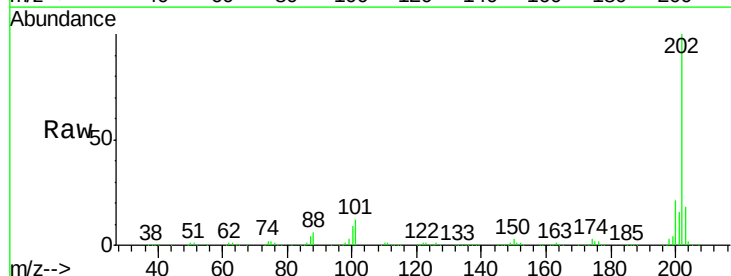
Tgt Ion:202 Resp: 691105

Ion Ratio Lower Upper

202 100

101 12.3 0.0 30.1

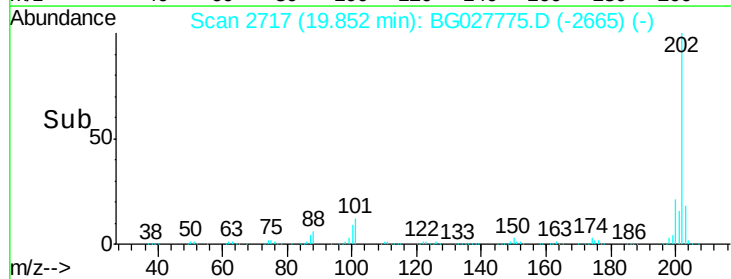
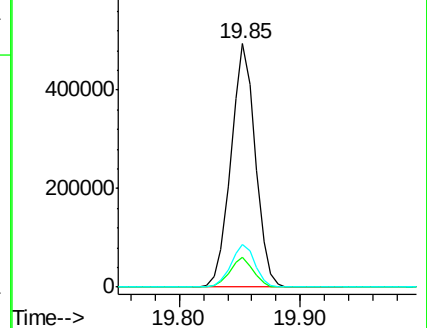
203 17.7 1.3 41.3

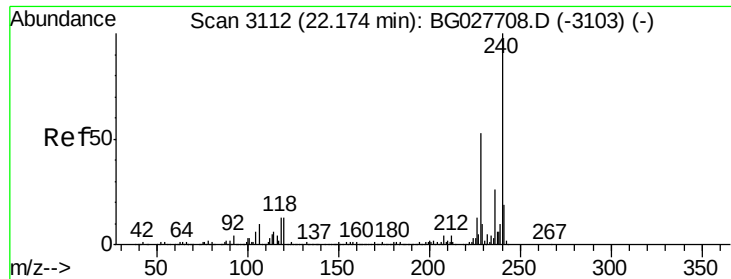


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.18 min Scan# 3114

Delta R.T. 0.01 min

Lab File: BG027775.D

Acq: 1 Jul 2017 9:14

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

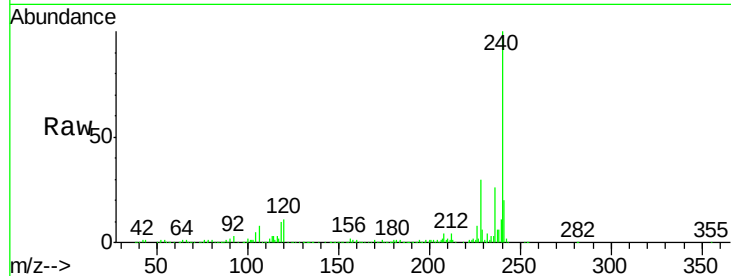
Tgt Ion:240 Resp: 280304

Ion Ratio Lower Upper

240 100

120 10.6 5.7 8.5#

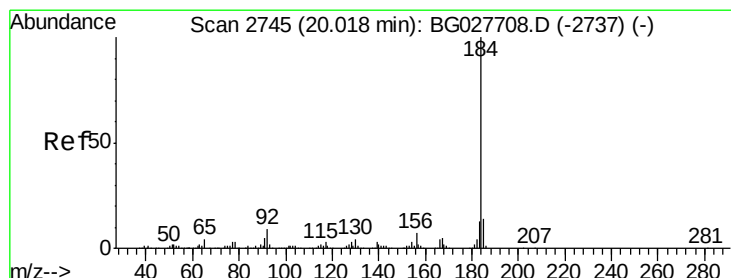
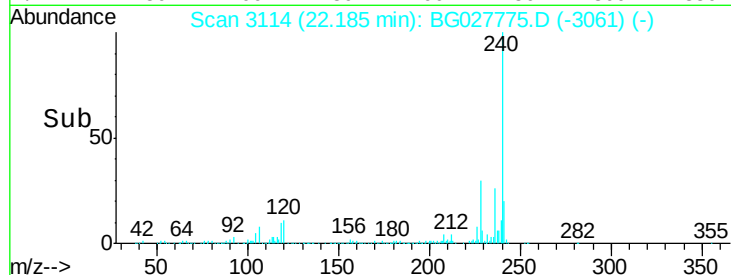
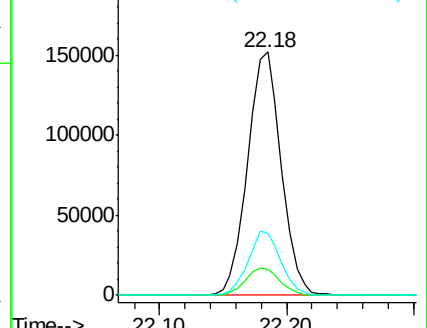
236 25.5 22.2 33.4



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



#76

Benzidine

Concen: 39.987 ng

RT: 20.02 min Scan# 2746

Delta R.T. 0.01 min

Lab File: BG027775.D

Acq: 1 Jul 2017 9:14

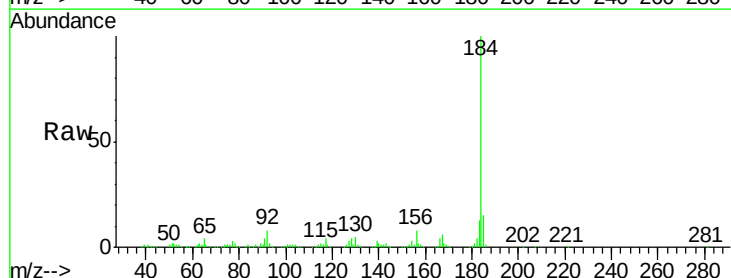
Tgt Ion:184 Resp: 262965

Ion Ratio Lower Upper

184 100

185 14.5 13.0 19.6

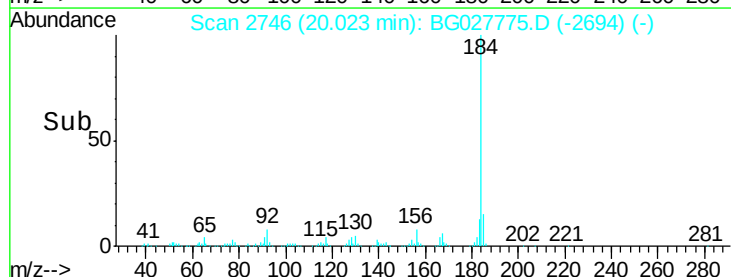
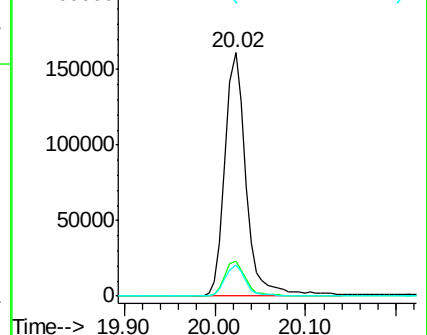
183 12.6 11.0 16.6

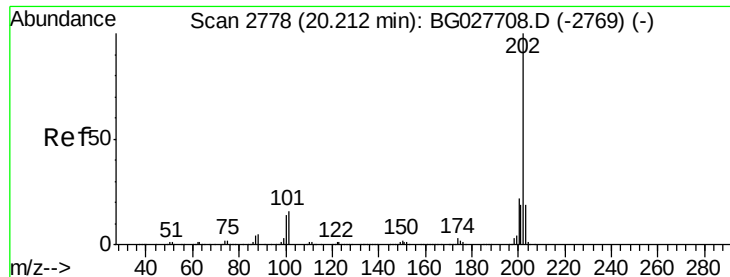


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

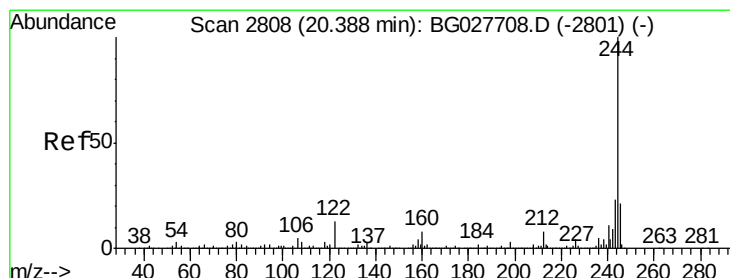
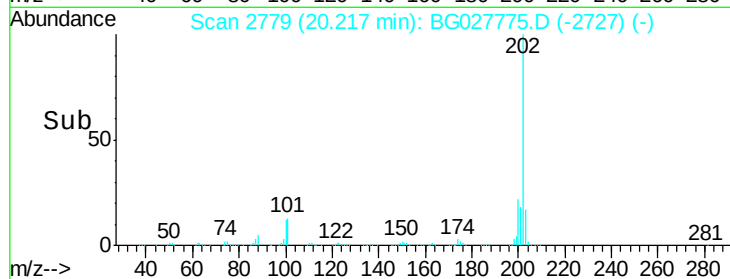
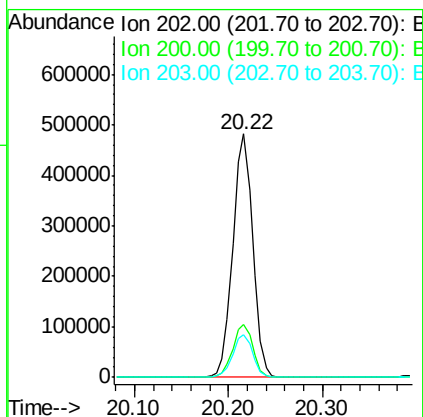
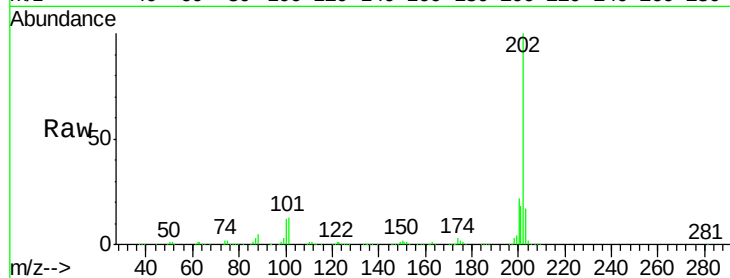




#77  
 Pyrene  
 Concen: 40.353 ng  
 RT: 20.22 min Scan# 2779  
 Delta R.T. 0.00 min  
 Lab File: BG027775.D  
 Acq: 1 Jul 2017 9:14

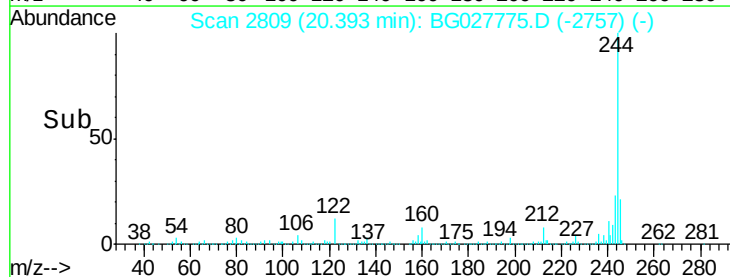
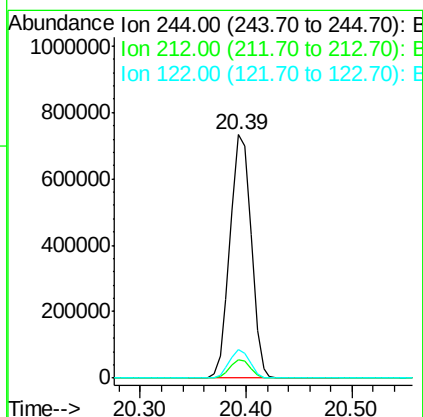
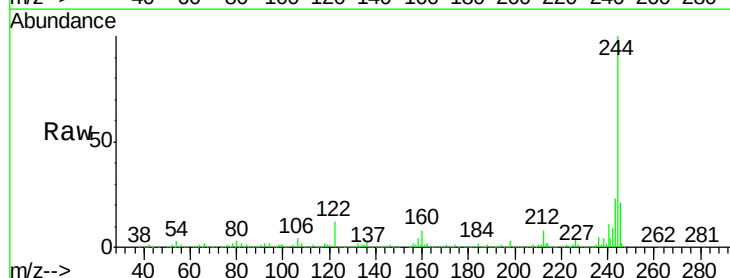
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

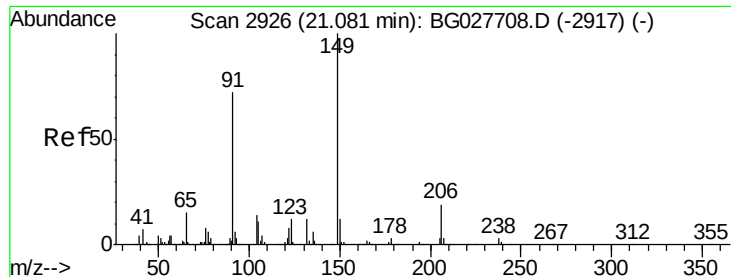
Tgt Ion:202 Resp: 709843  
 Ion Ratio Lower Upper  
 202 100  
 200 21.5 19.6 29.4  
 203 17.5 15.8 23.8



#78  
 Terphenyl-d14  
 Concen: 84.850 ng  
 RT: 20.39 min Scan# 2809  
 Delta R.T. 0.00 min  
 Lab File: BG027775.D  
 Acq: 1 Jul 2017 9:14

Tgt Ion:244 Resp: 1014505  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 10.0 15.0#  
 122 11.7 8.6 12.8

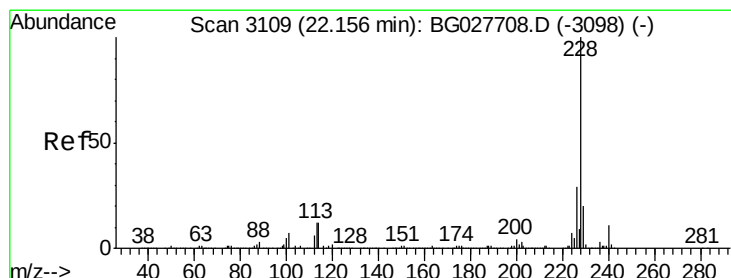
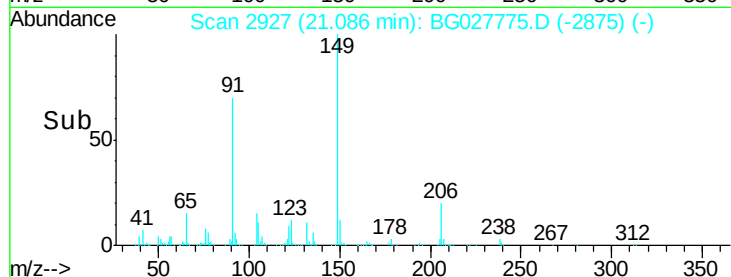
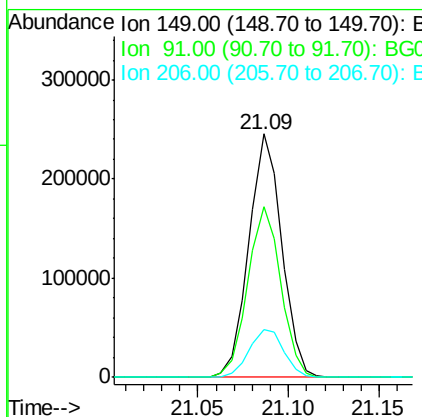
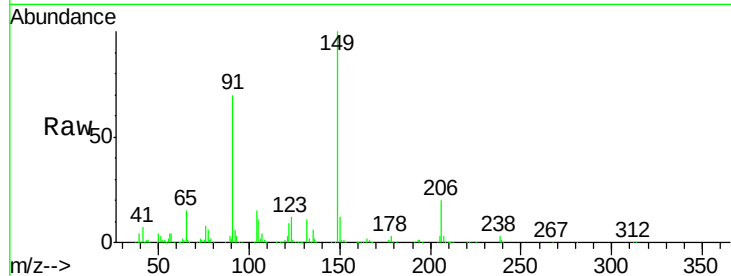




#79  
Butylbenzylphthalate  
Concen: 39.053 ng  
RT: 21.09 min Scan# 2927  
Delta R.T. 0.00 min  
Lab File: BG027775.D  
Acq: 1 Jul 2017 9:14

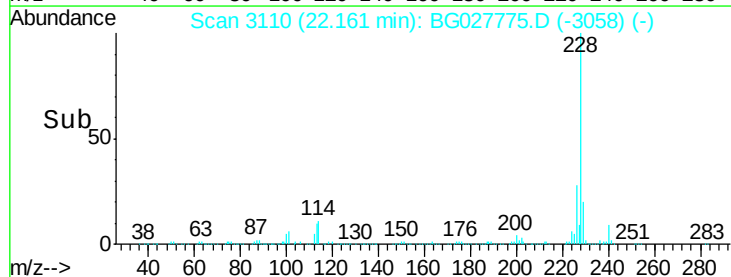
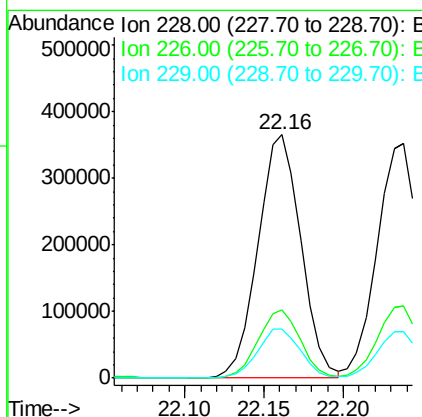
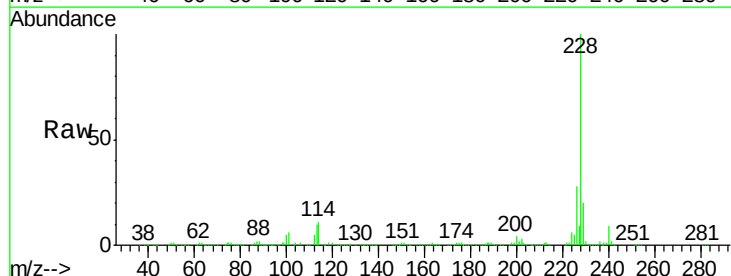
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

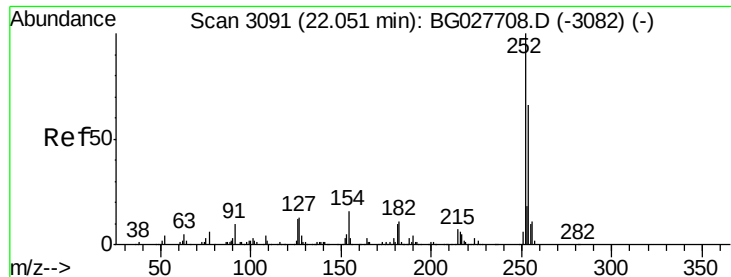
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 69.9  | 63.5  | 95.3  |
| 206     | 19.7  | 21.0  | 31.6# |



#80  
Benzo(a)anthracene  
Concen: 40.571 ng  
RT: 22.16 min Scan# 3110  
Delta R.T. 0.00 min  
Lab File: BG027775.D  
Acq: 1 Jul 2017 9:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.1  | 24.9  | 37.3  |
| 229     | 20.2  | 18.2  | 27.2  |

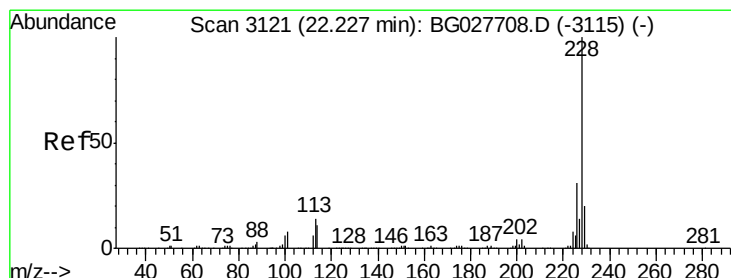
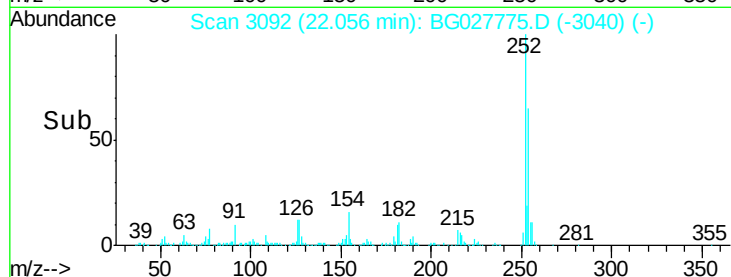
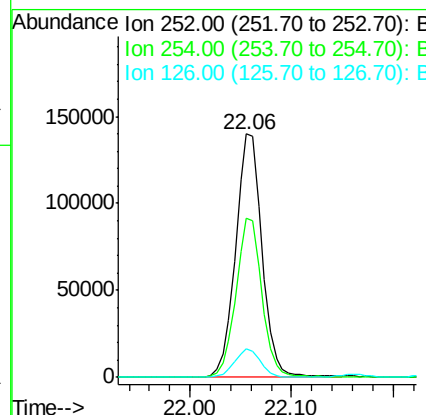
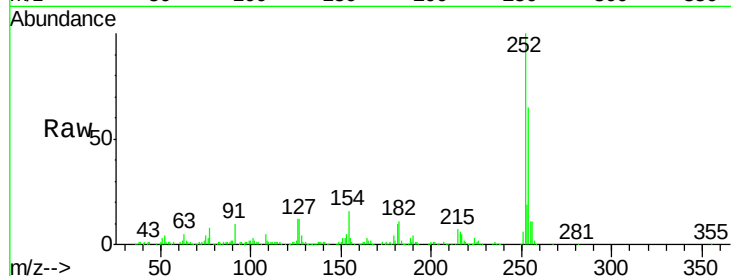




#81  
 3,3'-Dichlorobenzidine  
 Concen: 41.166 ng  
 RT: 22.06 min Scan# 3092  
 Delta R.T. 0.00 min  
 Lab File: BG027775.D  
 Acq: 1 Jul 2017 9:14

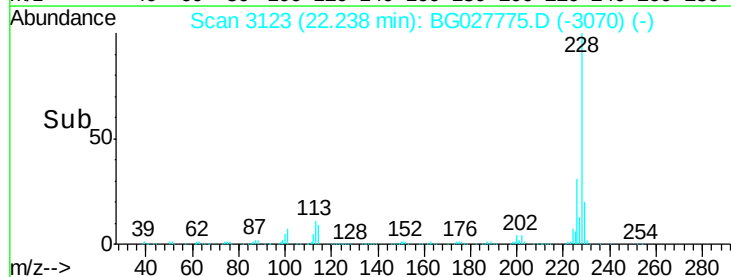
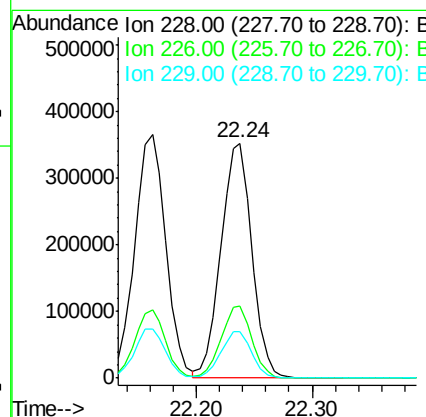
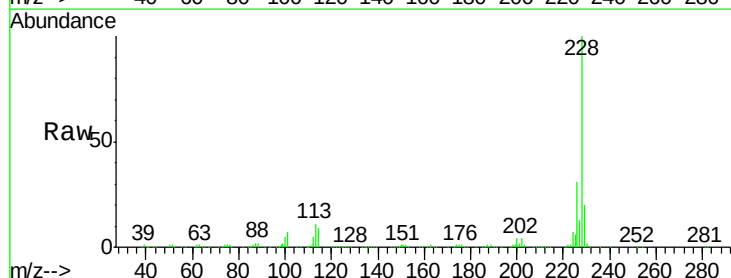
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

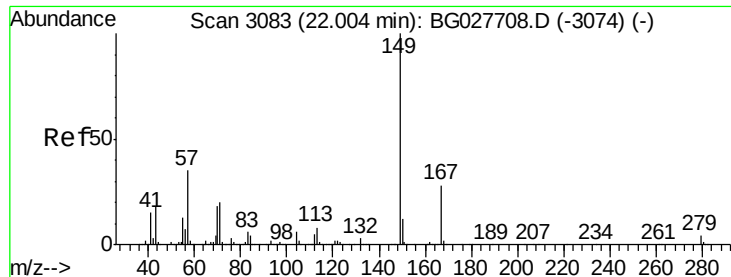
Tgt Ion:252 Resp: 253203  
 Ion Ratio Lower Upper  
 252 100  
 254 65.4 53.1 79.7  
 126 11.8 7.0 10.4#



#82  
 Chrysene  
 Concen: 40.980 ng  
 RT: 22.24 min Scan# 3123  
 Delta R.T. 0.01 min  
 Lab File: BG027775.D  
 Acq: 1 Jul 2017 9:14

Tgt Ion:228 Resp: 650948  
 Ion Ratio Lower Upper  
 228 100  
 226 30.7 27.0 40.4  
 229 19.7 17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.227 ng

RT: 22.01 min Scan# 3084

Delta R.T. 0.00 min

Lab File: BG027775.D

Acq: 1 Jul 2017 9:14

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

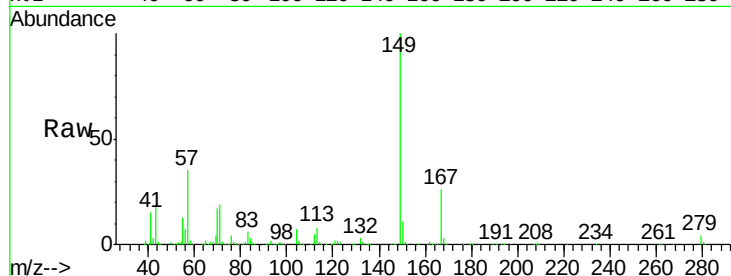
Tgt Ion:149 Resp: 454161

Ion Ratio Lower Upper

149 100

167 26.1 23.7 35.5

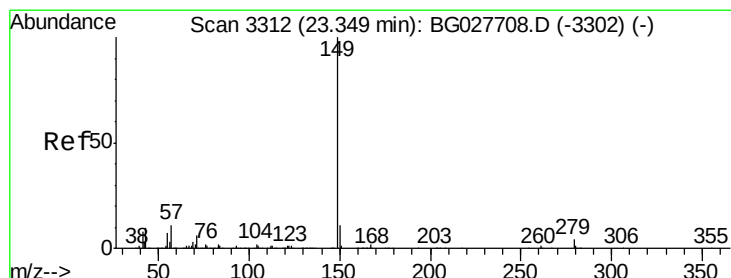
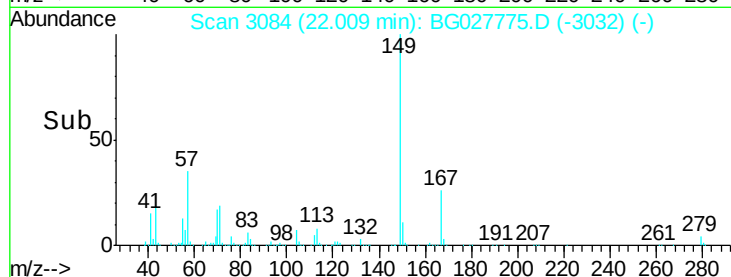
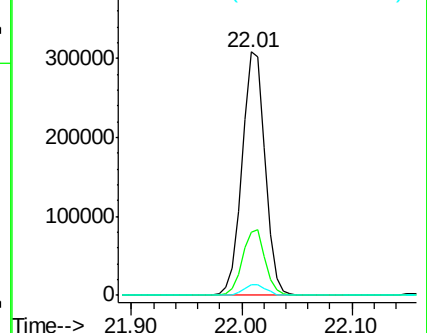
279 4.2 4.6 6.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.704 ng

RT: 23.36 min Scan# 3314

Delta R.T. 0.01 min

Lab File: BG027775.D

Acq: 1 Jul 2017 9:14

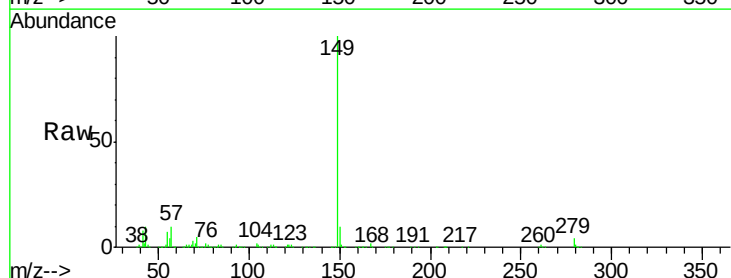
Tgt Ion:149 Resp: 759439

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.2

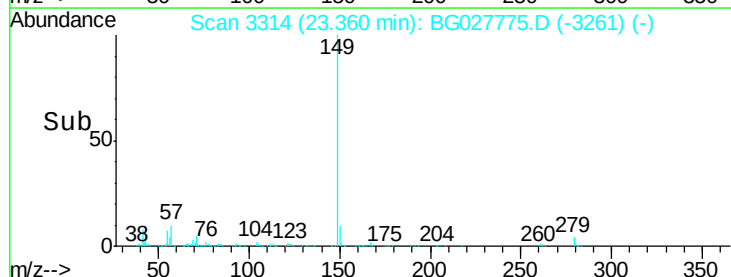
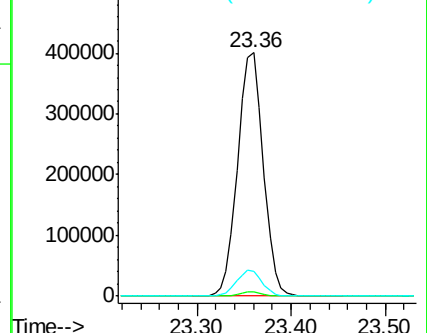
43 10.8 11.8 17.6#

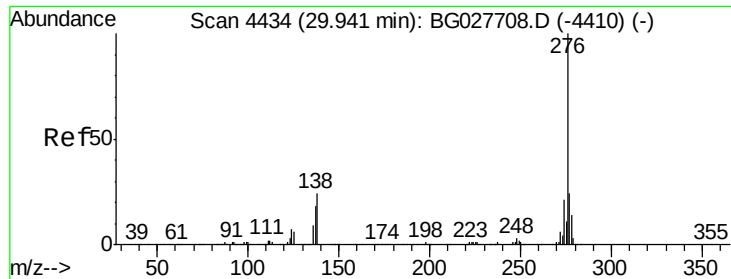


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO

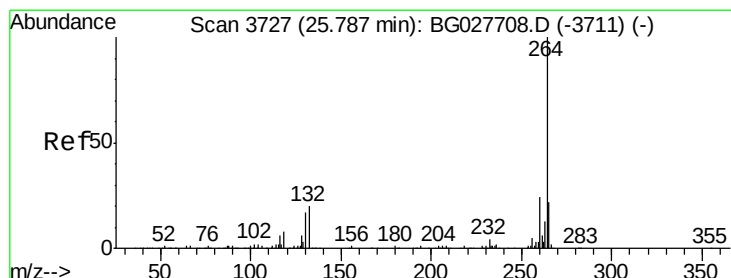
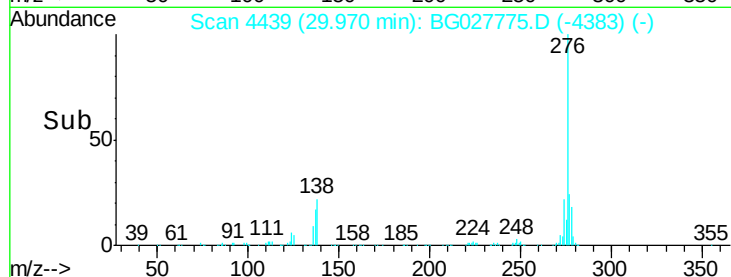
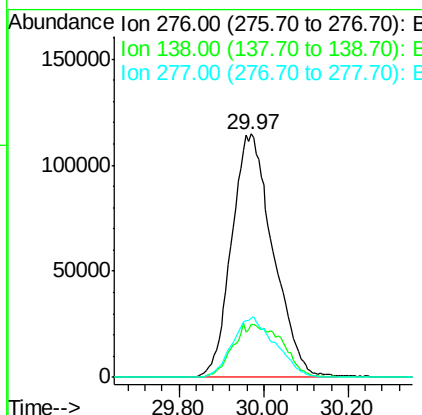
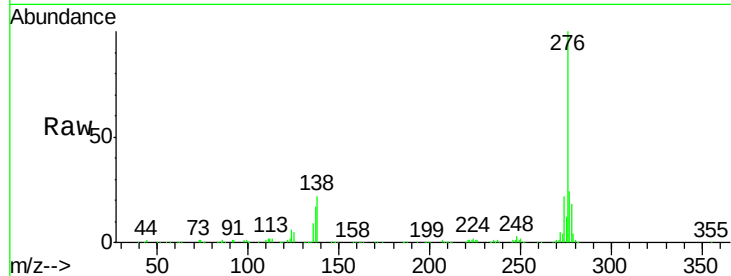




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 42.863 ng  
 RT: 29.97 min Scan# 4439  
 Delta R.T. 0.03 min  
 Lab File: BG027775.D  
 Acq: 1 Jul 2017 9:14

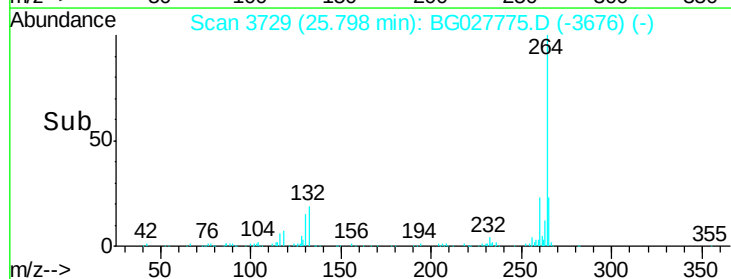
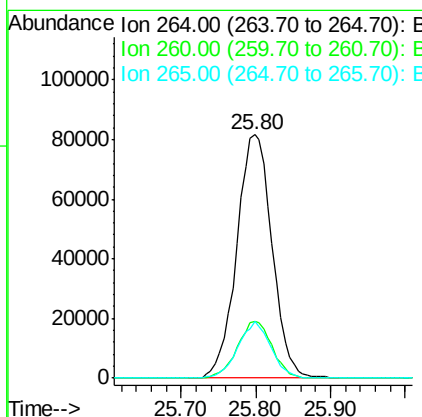
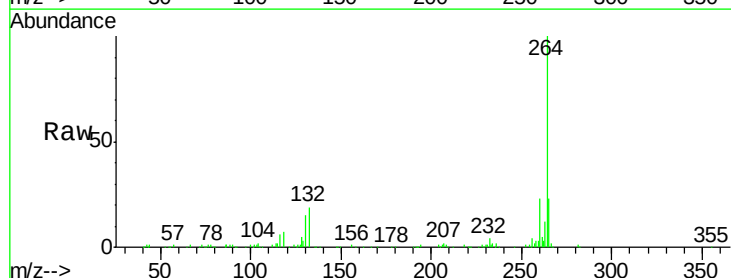
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDC040

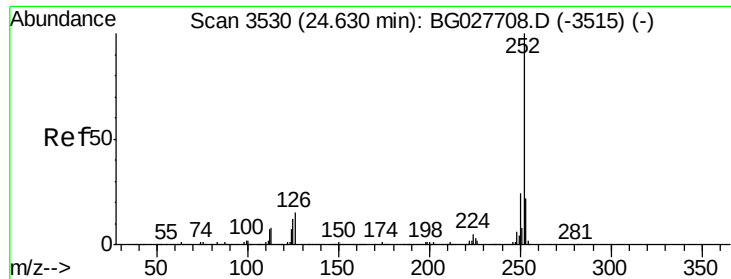
Tgt Ion: 276 Resp: 778183  
 Ion Ratio Lower Upper  
 276 100  
 138 0.0 4.7 7.1#  
 277 25.6 20.6 31.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.80 min Scan# 3729  
 Delta R.T. 0.01 min  
 Lab File: BG027775.D  
 Acq: 1 Jul 2017 9:14

Tgt Ion: 264 Resp: 267273  
 Ion Ratio Lower Upper  
 264 100  
 260 23.3 21.8 32.8  
 265 23.2 18.2 27.4

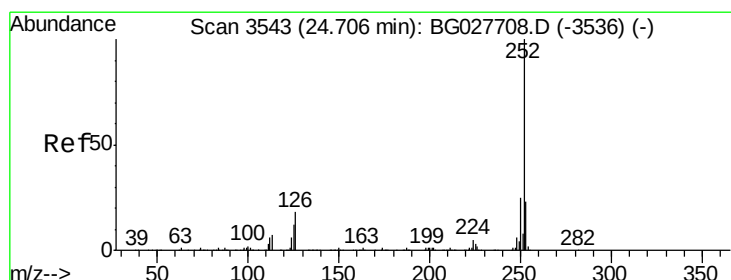
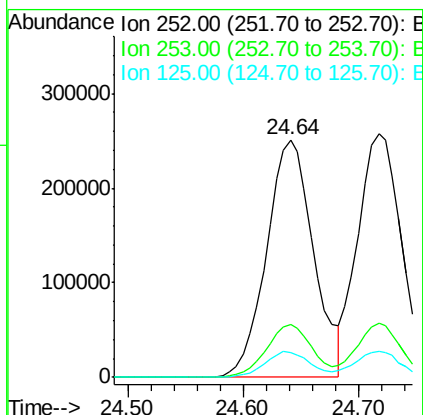
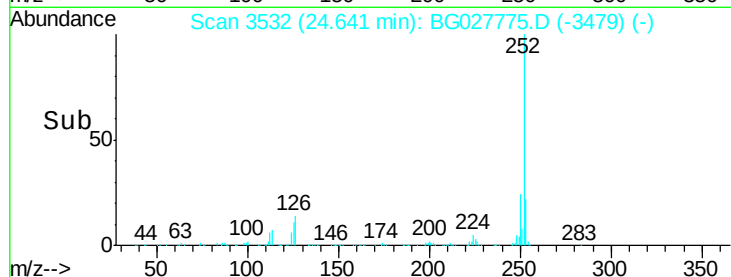
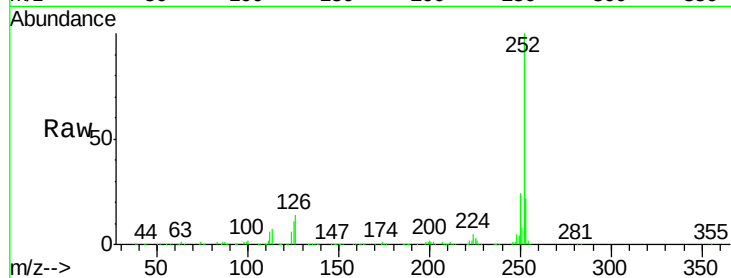




#87  
Benzo(b)fluoranthene  
Concen: 41.208 ng  
RT: 24.64 min Scan# 3532  
Delta R.T. 0.01 min  
Lab File: BG027775.D  
Acq: 1 Jul 2017 9:14

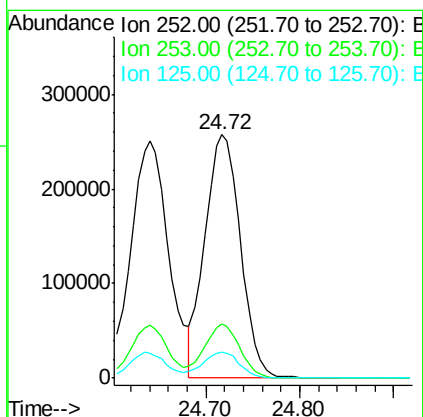
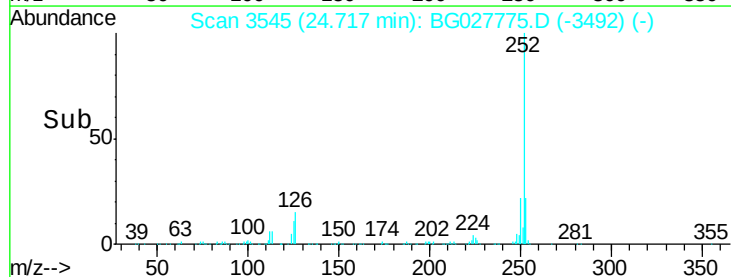
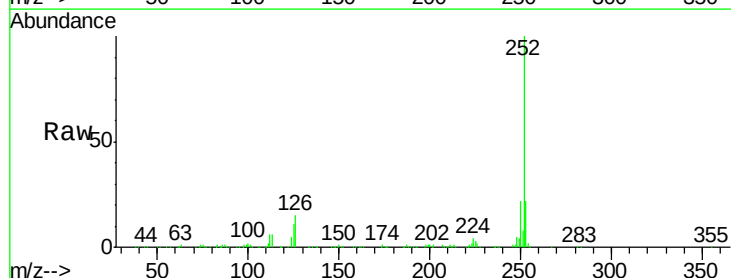
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:252 Resp: 709571  
Ion Ratio Lower Upper  
252 100  
253 22.4 18.7 28.1  
125 10.5 5.3 7.9#

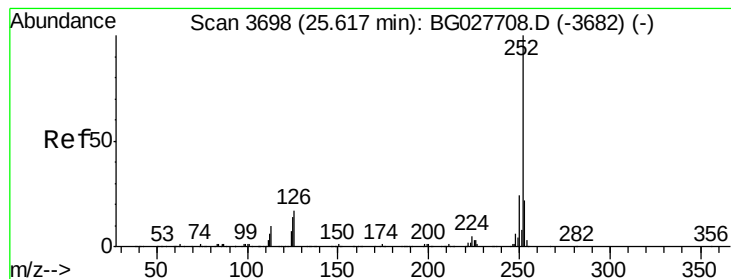


#88  
Benzo(k)fluoranthene  
Concen: 39.822 ng  
RT: 24.72 min Scan# 3545  
Delta R.T. 0.01 min  
Lab File: BG027775.D  
Acq: 1 Jul 2017 9:14

Tgt Ion:252 Resp: 677801  
Ion Ratio Lower Upper  
252 100  
253 22.1 20.2 30.2  
125 10.7 5.1 7.7#







#89

Benzo(a)pyrene

Concen: 40.213 ng

RT: 25.63 min Scan# 3700

Delta R.T. 0.01 min

Lab File: BG027775.D

Acq: 1 Jul 2017 9:14

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

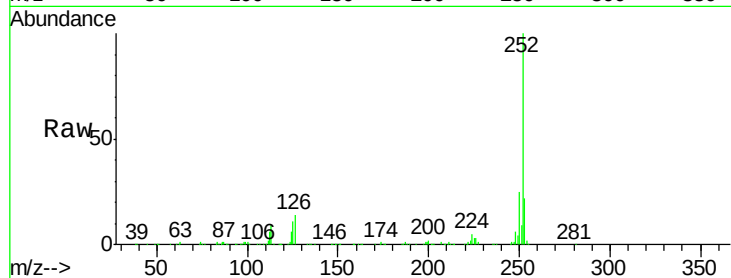
Tgt Ion:252 Resp: 649741

Ion Ratio Lower Upper

252 100

253 22.4 19.2 28.8

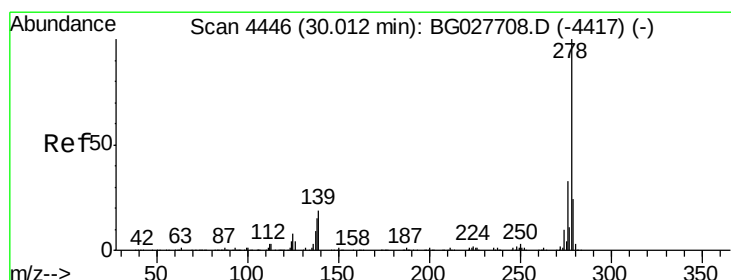
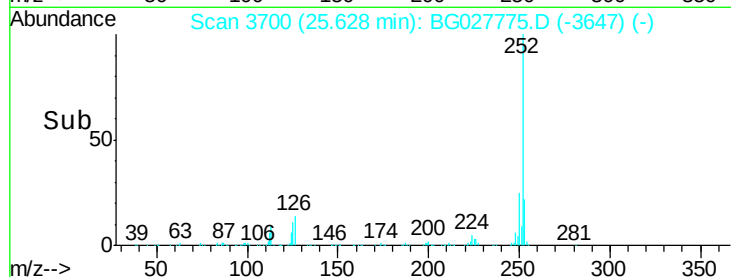
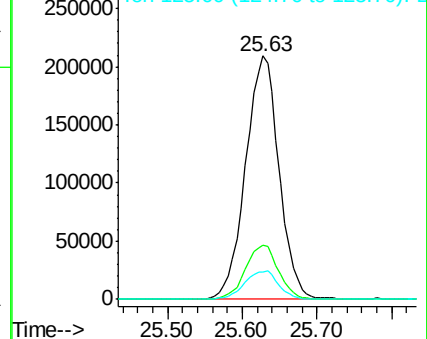
125 11.1 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.168 ng

RT: 30.03 min Scan# 4450

Delta R.T. 0.02 min

Lab File: BG027775.D

Acq: 1 Jul 2017 9:14

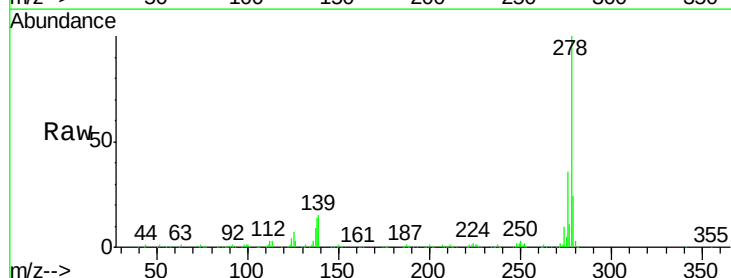
Tgt Ion:278 Resp: 673860

Ion Ratio Lower Upper

278 100

139 15.2 7.7 11.5#

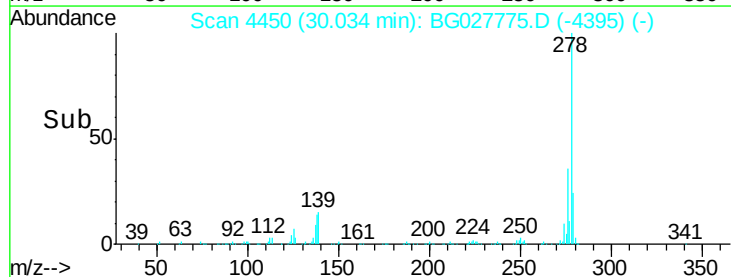
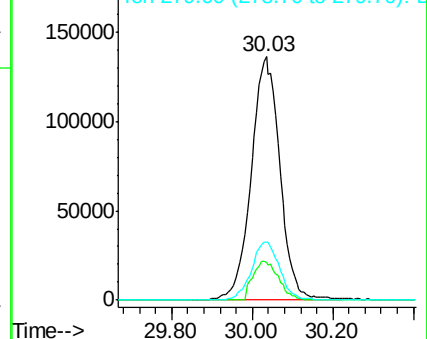
279 24.1 19.1 28.7

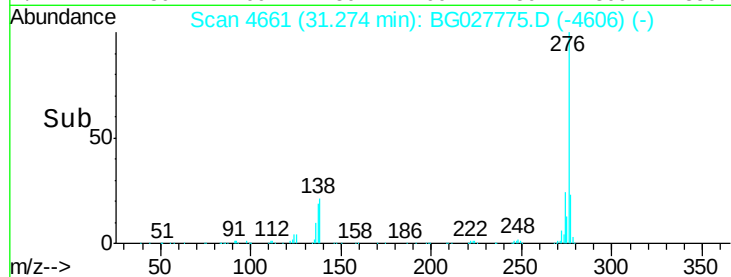
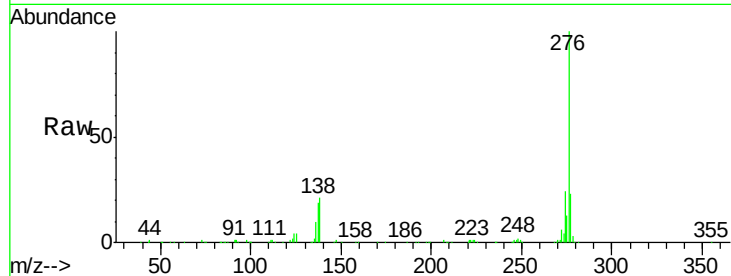
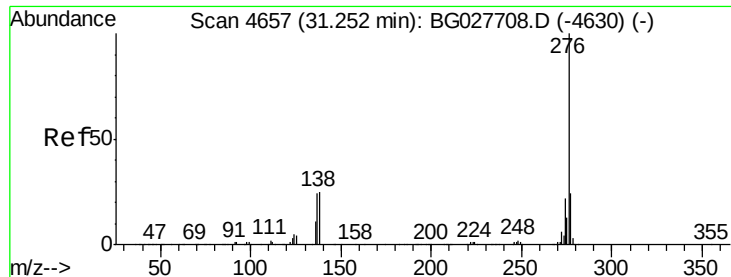


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 41.060 ng

RT: 31.27 min Scan# 4661

Delta R.T. 0.02 min

Lab File: BG027775.D

Acq: 1 Jul 2017 9:14

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 276 Resp: 645915

Ion Ratio Lower Upper

276 100

277 22.7 18.6 27.8

138 21.0 8.1 12.1#

