

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092319\  
 Data File : BG042920.D  
 Acq On : 23 Sep 2019 19:42  
 Operator : HP/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Sep 24 01:21:08 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 23 06:01:34 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.08  | 152  | 63774    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.88 | 136  | 251304   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.70 | 164  | 180671   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.44 | 188  | 423565   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.72 | 240  | 467572   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.95 | 264  | 549093   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.66  | 112  | 282634   | 76.84 | ng    | 0.00     |
| 7) Phenol-d6                | 7.25  | 99   | 405351   | 76.33 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.25  | 82   | 402945   | 78.22 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.18 | 330  | 233737   | 82.03 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.33 | 172  | 981196   | 79.68 | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.05 | 244  | 1816346  | 79.04 | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.56  | 88   | 56775    | 37.140 | ng    | 98     |
| 3) Pyridine                    | 3.97  | 79   | 162550   | 36.530 | ng    | 94     |
| 4) n-Nitrosodimethylamine      | 3.88  | 42   | 80075    | 38.824 | ng    | 99     |
| 6) Aniline                     | 7.41  | 93   | 239776   | 37.028 | ng    | 95     |
| 8) 2-Chlorophenol              | 7.65  | 128  | 144975   | 38.490 | ng    | 94     |
| 9) Benzaldehyde                | 7.22  | 77   | 134457   | 40.677 | ng    | 96     |
| 10) Phenol                     | 7.28  | 94   | 184141   | 37.201 | ng    | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.50  | 93   | 141906   | 36.775 | ng    | 97     |
| 12) 1,3-Dichlorobenzene        | 7.97  | 146  | 185197   | 38.954 | ng    | 96     |
| 13) 1,4-Dichlorobenzene        | 8.12  | 146  | 183856   | 38.464 | ng    | 98     |
| 14) 1,2-Dichlorobenzene        | 8.43  | 146  | 175806   | 38.751 | ng    | 94     |
| 15) Benzyl Alcohol             | 8.32  | 79   | 149517   | 37.444 | ng    | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.61  | 45   | 269931   | 36.000 | ng    | 99     |
| 17) 2-Methylphenol             | 8.53  | 107  | 125011   | 36.566 | ng    | 97     |
| 18) Hexachloroethane           | 9.17  | 117  | 68317    | 39.007 | ng    | 90     |
| 19) n-Nitroso-di-n-propylamine | 8.89  | 70   | 130476   | 36.838 | ng    | 99     |
| 20) 3+4-Methylphenols          | 8.86  | 107  | 177906   | 37.897 | ng    | 97     |
| 22) Acetophenone               | 8.90  | 105  | 277295   | 42.295 | ng    | # 98   |
| 24) Nitrobenzene               | 9.29  | 77   | 196337   | 39.339 | ng    | 98     |
| 25) Isophorone                 | 9.81  | 82   | 349241   | 37.945 | ng    | 97     |
| 26) 2-Nitrophenol              | 10.00 | 139  | 82783    | 40.234 | ng    | 96     |
| 27) 2,4-Dimethylphenol         | 10.06 | 122  | 126298   | 39.297 | ng    | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.29 | 93   | 202066   | 38.041 | ng    | 98     |
| 29) 2,4-Dichlorophenol         | 10.53 | 162  | 157309   | 40.178 | ng    | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.74 | 180  | 202627   | 40.480 | ng    | 98     |
| 31) Naphthalene                | 10.94 | 128  | 481986   | 39.236 | ng    | 98     |
| 32) Benzoic acid               | 10.21 | 122  | 112789   | 43.134 | ng    | 98     |
| 33) 4-Chloroaniline            | 11.04 | 127  | 214979   | 39.298 | ng    | 97     |
| 34) Hexachlorobutadiene        | 11.23 | 225  | 149808   | 41.470 | ng    | 96     |
| 35) Caprolactam                | 11.82 | 113  | 53729    | 38.043 | ng    | 90     |
| 36) 4-Chloro-3-methylphenol    | 12.17 | 107  | 170722   | 39.378 | ng    | 97     |
| 37) 2-Methylnaphthalene        | 12.54 | 142  | 369418   | 39.543 | ng    | 97     |
| 38) 1-Methylnaphthalene        | 12.75 | 142  | 352366   | 39.923 | ng    | 94     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.90 | 216  | 307153   | 45.931 | ng    | 100    |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092319\  
 Data File : BG042920.D  
 Acq On : 23 Sep 2019 19:42  
 Operator : HP/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

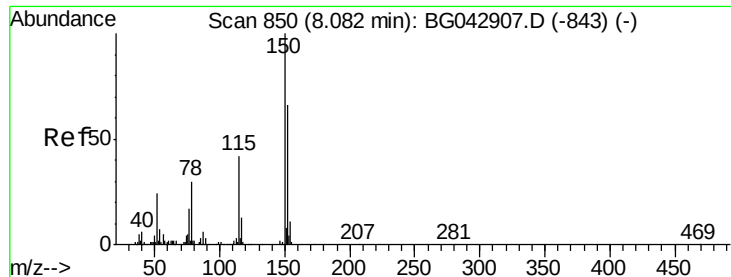
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Sep 24 01:21:08 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 23 06:01:34 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.89 | 237  | 168678   | 41.145 | ng    | 94       |
| 43) 2,4,6-Trichlorophenol      | 13.14 | 196  | 155710   | 39.802 | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 13.21 | 196  | 162927   | 40.350 | ng    | # 89     |
| 46) 1,1'-Biphenyl              | 13.53 | 154  | 591019   | 42.920 | ng    | 97       |
| 47) 2-Chloronaphthalene        | 13.58 | 162  | 402373   | 38.747 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.78 | 65   | 136896   | 39.289 | ng    | 97       |
| 49) Acenaphthylene             | 14.42 | 152  | 617516   | 39.309 | ng    | 100      |
| 50) Dimethylphthalate          | 14.16 | 163  | 517128   | 39.114 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.27 | 165  | 111513   | 39.598 | ng    | 91       |
| 52) Acenaphthene               | 14.76 | 154  | 422462   | 40.630 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.60 | 138  | 115462   | 39.009 | ng    | 98       |
| 54) 2,4-Dinitrophenol          | 14.80 | 184  | 68472    | 41.267 | ng    | 98       |
| 55) Dibenzofuran               | 15.10 | 168  | 616990   | 40.001 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.92 | 139  | 92526    | 41.043 | ng    | 95       |
| 57) 2,4-Dinitrotoluene         | 15.06 | 165  | 161960   | 40.523 | ng    | 95       |
| 58) Fluorene                   | 15.74 | 166  | 512672   | 39.314 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.33 | 232  | 169251   | 40.991 | ng    | 98       |
| 60) Diethylphthalate           | 15.51 | 149  | 519124   | 38.915 | ng    | 97       |
| 61) 4-Chlorophenyl-phenylether | 15.74 | 204  | 305862   | 39.614 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.77 | 138  | 128576   | 40.120 | ng    | 98       |
| 63) Azobenzene                 | 16.03 | 77   | 485254   | 37.855 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.81 | 198  | 91975    | 41.001 | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 15.95 | 169  | 444613   | 39.050 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.63 | 248  | 210010   | 40.301 | ng    | 97       |
| 68) Hexachlorobenzene          | 16.75 | 284  | 233003   | 40.531 | ng    | 96       |
| 69) Atrazine                   | 16.90 | 200  | 188760   | 40.180 | ng    | 98       |
| 70) Pentachlorophenol          | 17.10 | 266  | 134293   | 40.638 | ng    | 97       |
| 71) Phenanthrene               | 17.48 | 178  | 824452   | 40.074 | ng    | 97       |
| 72) Anthracene                 | 17.58 | 178  | 824481   | 40.287 | ng    | 99       |
| 73) Carbazole                  | 17.84 | 167  | 762301   | 39.954 | ng    | 98       |
| 74) Di-n-butylphthalate        | 18.41 | 149  | 895749   | 40.326 | ng    | 99       |
| 75) Fluoranthene               | 19.49 | 202  | 1072181  | 41.131 | ng    | 99       |
| 77) Benzidine                  | 19.67 | 184  | 516814   | 39.818 | ng    | 97       |
| 78) Pyrene                     | 19.85 | 202  | 1097477  | 39.356 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.74 | 149  | 416203   | 38.650 | ng    | 96       |
| 81) Benzo(a)anthracene         | 21.70 | 228  | 1152442  | 40.021 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.61 | 252  | 460893   | 40.184 | ng    | 97       |
| 83) Chrysene                   | 21.77 | 228  | 1123036  | 40.330 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.61 | 149  | 599846   | 39.386 | ng    | 98       |
| 85) Di-n-octyl phthalate       | 22.83 | 149  | 1007877  | 39.995 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.64 | 276  | 1418833  | 40.869 | ng    | # 95     |
| 88) Benzo(b)fluoranthene       | 23.92 | 252  | 1207819  | 38.629 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.99 | 252  | 1203819  | 39.852 | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.80 | 252  | 1155598  | 39.242 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.70 | 278  | 1188908  | 39.759 | ng    | # 98     |
| 92) Benzo(g,h,i)perylene       | 29.79 | 276  | 1139635  | 39.403 | ng    | 99       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.08 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

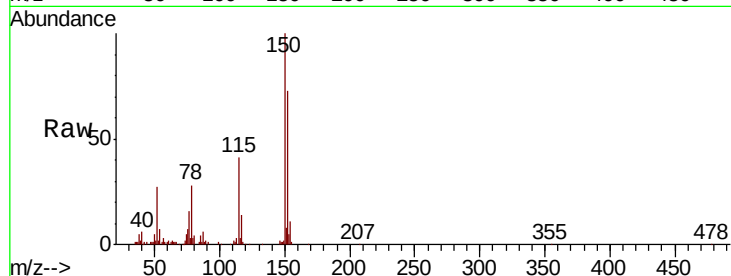
Tot Ion:152 Resp: 63774

Ion Ratio Lower Upper

152 100

150 136.9 121.4 182.2

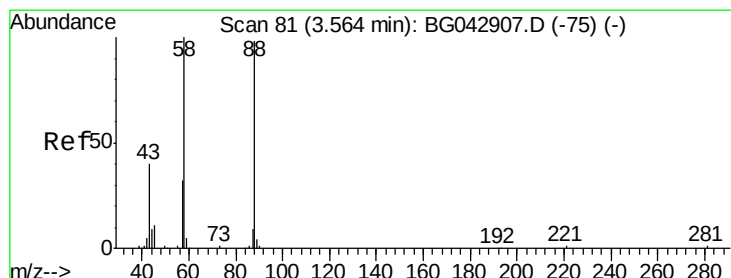
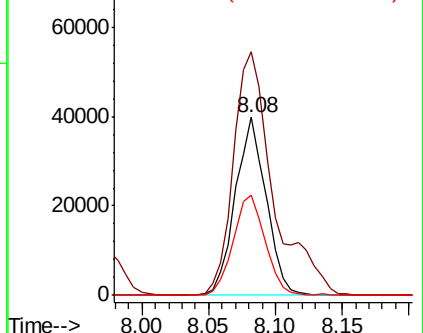
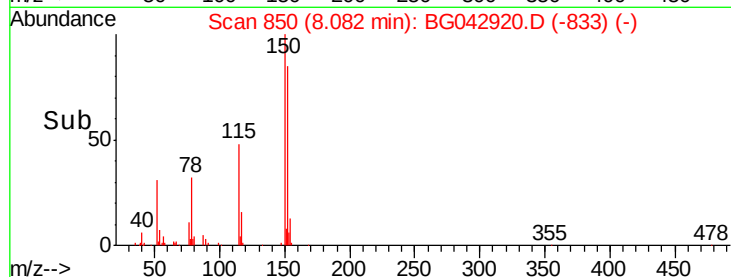
115 56.5 50.7 76.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.140 ng

RT: 3.56 min Scan# 81

Delta R.T. 0.00 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

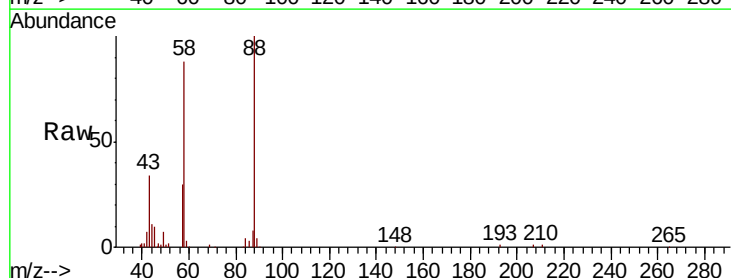
Tgt Ion: 88 Resp: 56775

Ion Ratio Lower Upper

88 100

58 92.8 76.0 114.0

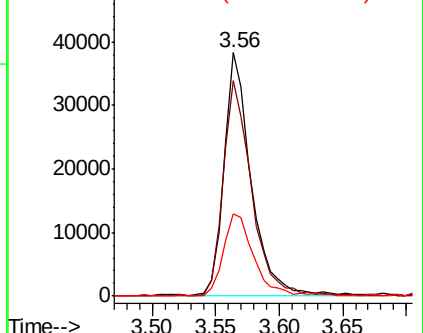
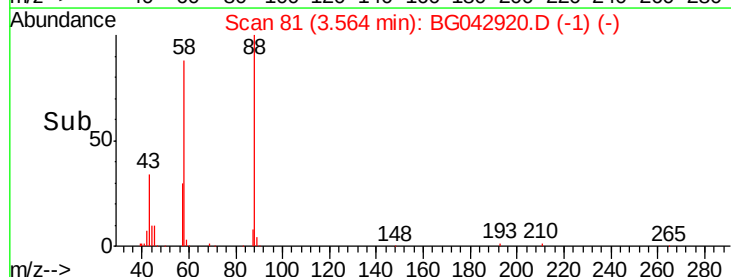
43 37.8 31.3 46.9

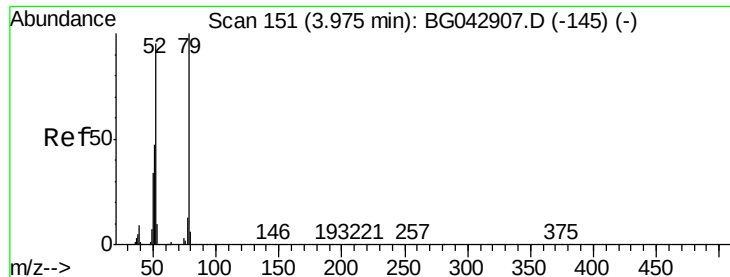


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 36.530 ng

RT: 3.97 min Scan# 150

Delta R.T. -0.01 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

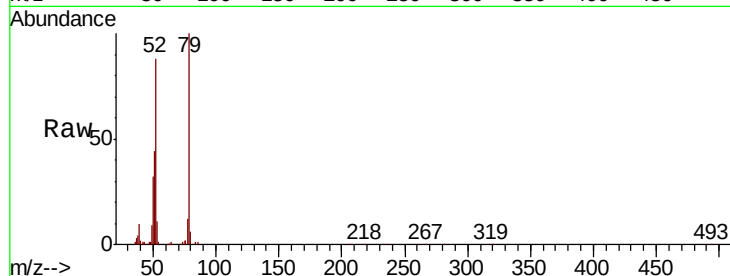
Tot Ion: 79 Resp: 162550

Ion Ratio Lower Upper

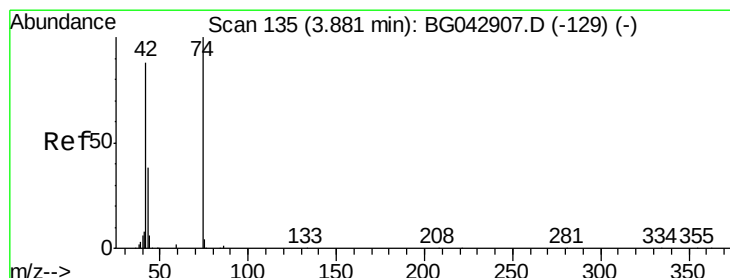
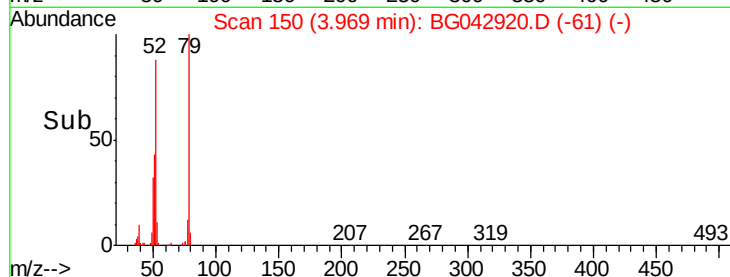
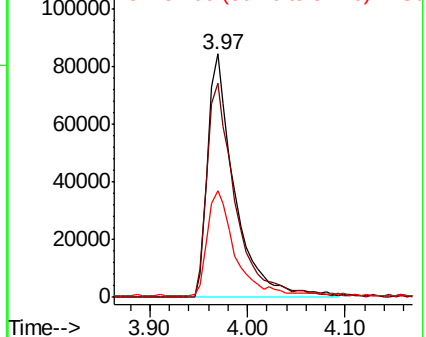
79 100

52 88.0 75.8 113.6

51 44.0 37.7 56.5



Abundance Ion 79.00 (78.70 to 79.70): BGC  
Ion 52.00 (51.70 to 52.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 38.824 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.01 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

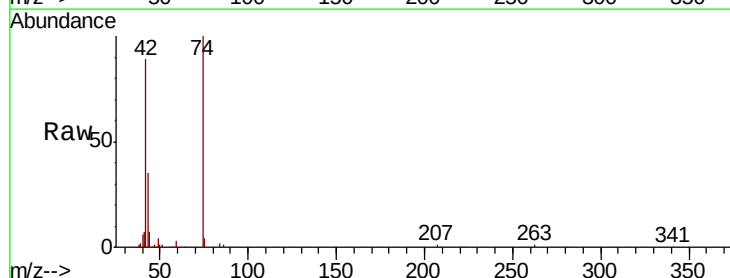
Tgt Ion: 42 Resp: 80075

Ion Ratio Lower Upper

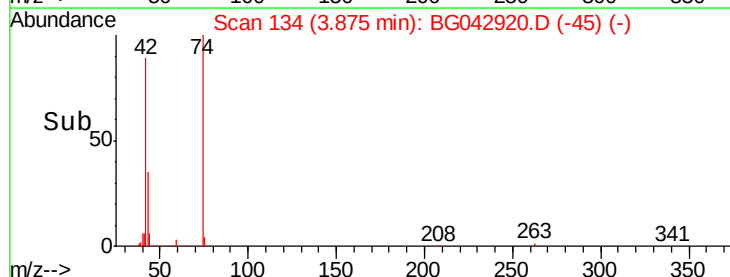
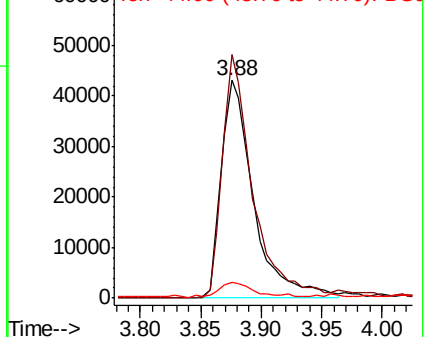
42 100

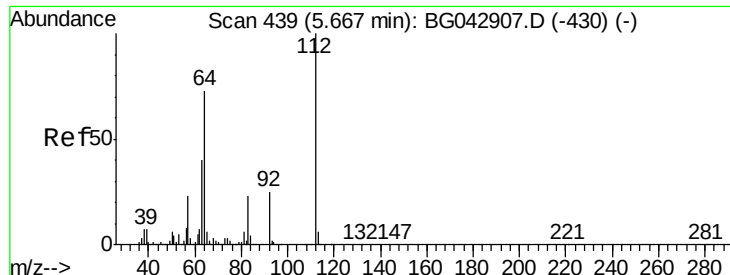
74 111.9 90.5 135.7

44 7.5 5.8 8.8



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





#5

2-Fluorophenol

Concen: 76.835 ng

RT: 5.66 min Scan# 438

Delta R.T. -0.01 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

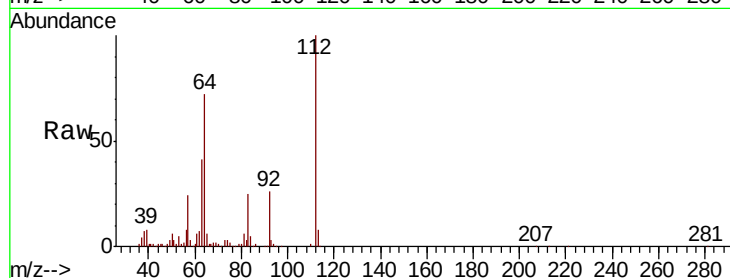
Tot Ion:112 Resp: 282634

Ion Ratio Lower Upper

112 100

64 72.0 58.6 87.8

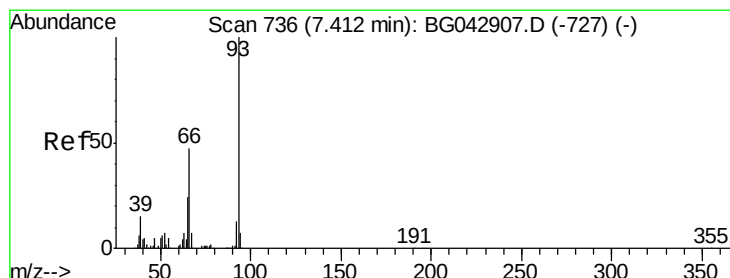
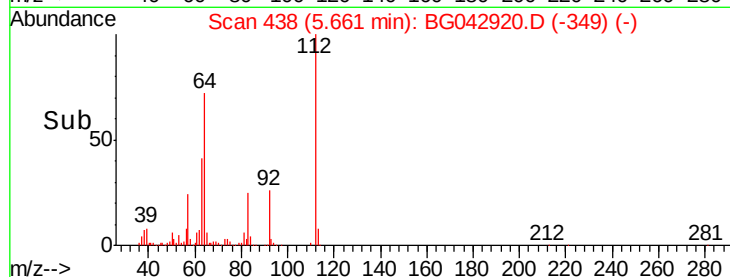
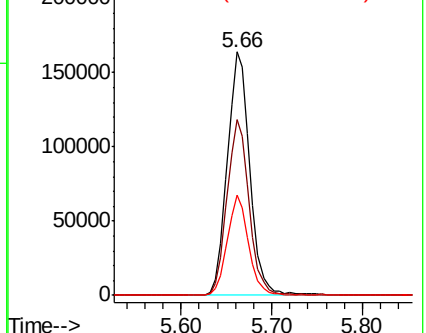
63 41.4 31.6 47.4



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 37.028 ng

RT: 7.41 min Scan# 736

Delta R.T. 0.00 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

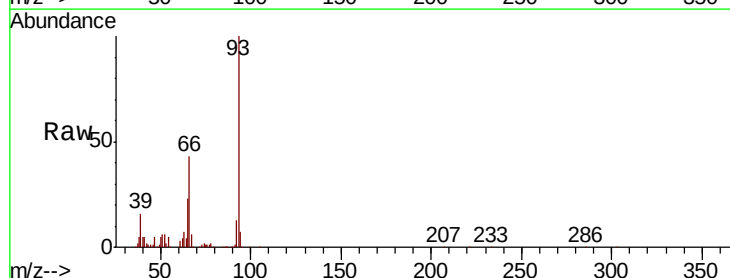
Tgt Ion: 93 Resp: 239776

Ion Ratio Lower Upper

93 100

66 43.4 37.9 56.9

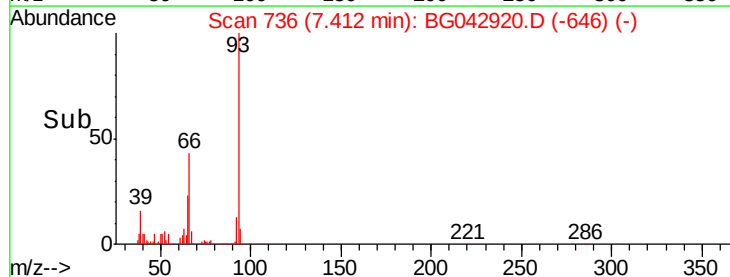
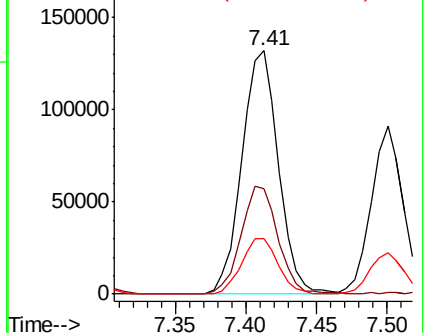
65 22.5 19.2 28.8

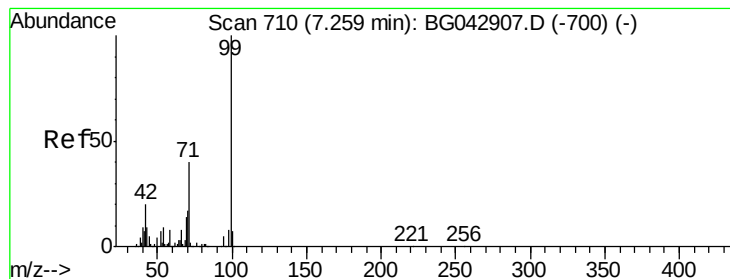


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 76.333 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

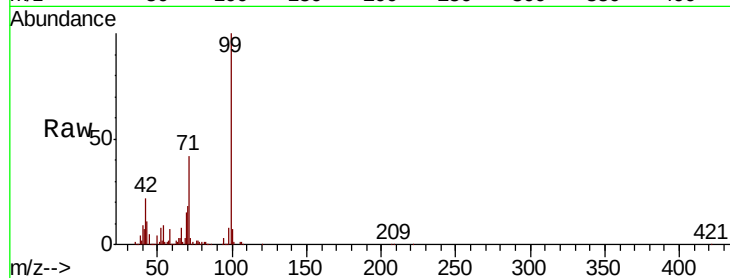
Tot Ion: 99 Resp: 405351

Ion Ratio Lower Upper

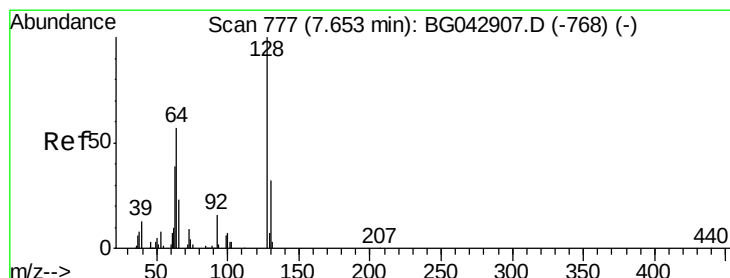
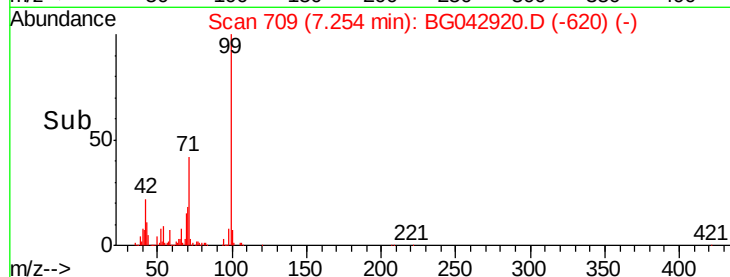
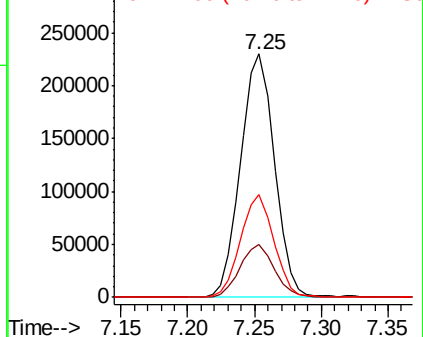
99 100

42 21.6 15.8 23.6

71 42.2 32.2 48.2



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: 38.490 ng

RT: 7.65 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

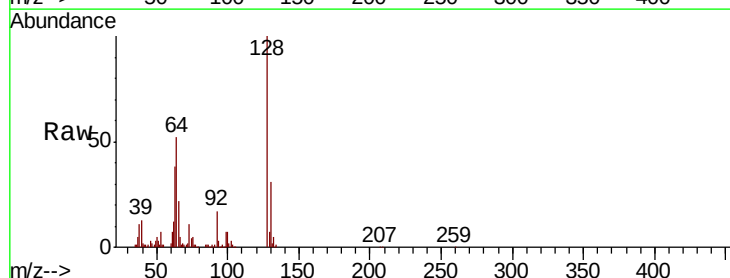
Tgt Ion: 128 Resp: 144975

Ion Ratio Lower Upper

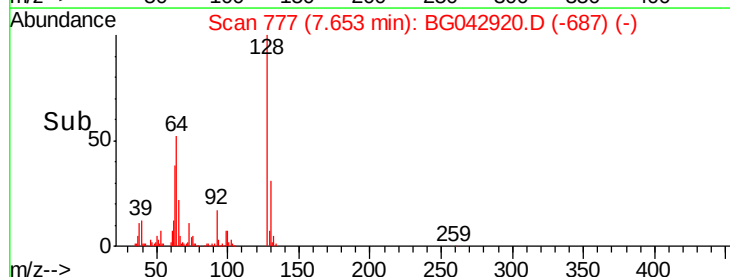
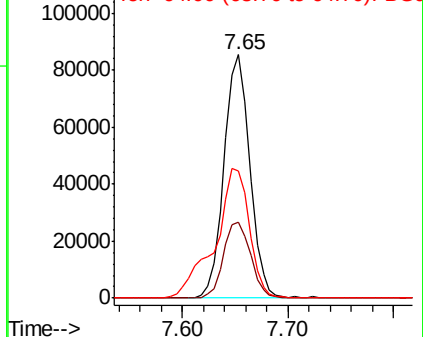
128 100

130 31.4 11.5 51.5

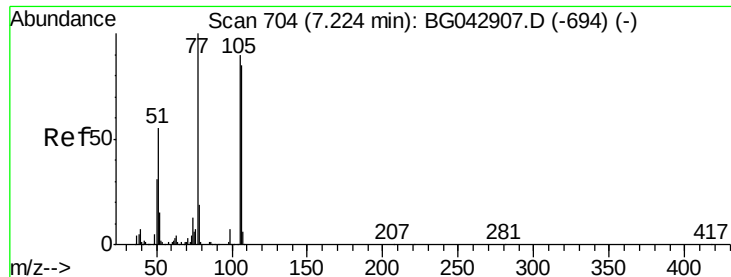
64 52.1 38.7 78.7



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: 40.677 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

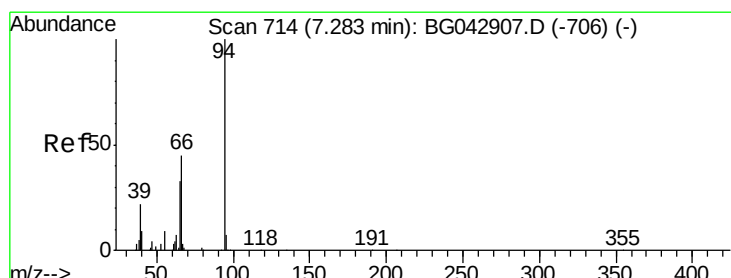
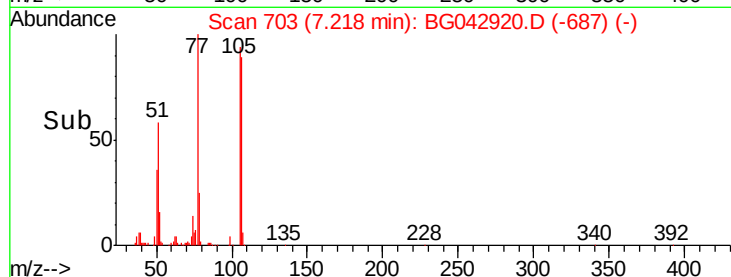
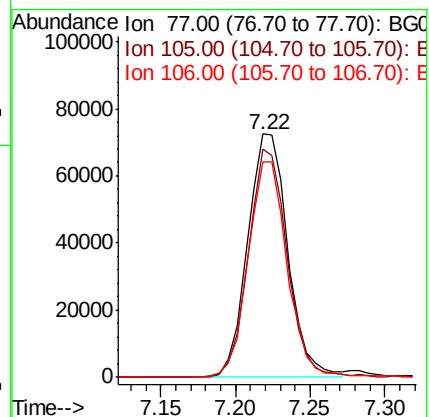
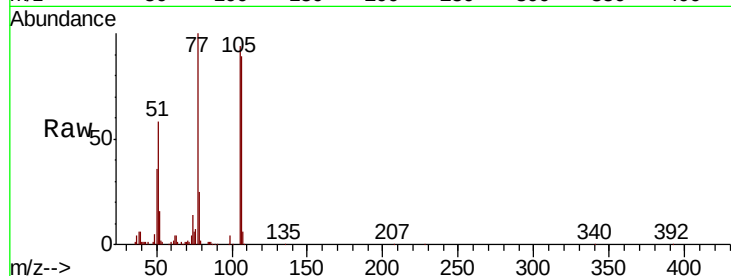
Tot Ion: 77 Resp: 134457

Ion Ratio Lower Upper

77 100

105 93.8 69.8 109.8

106 88.7 65.2 105.2



#10

Phenol

Concen: 37.201 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

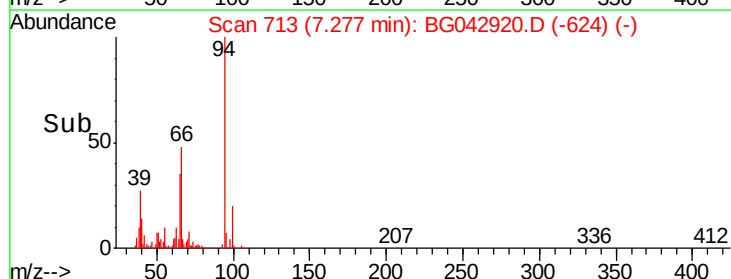
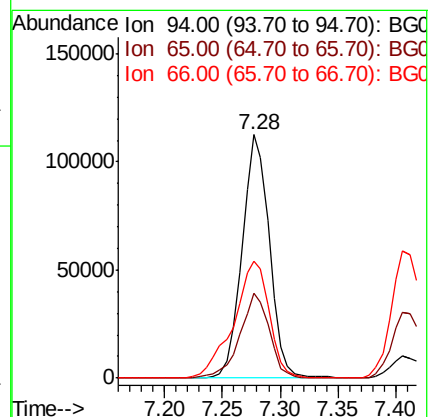
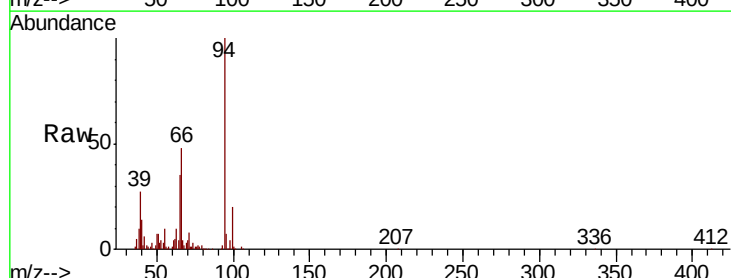
Tgt Ion: 94 Resp: 184141

Ion Ratio Lower Upper

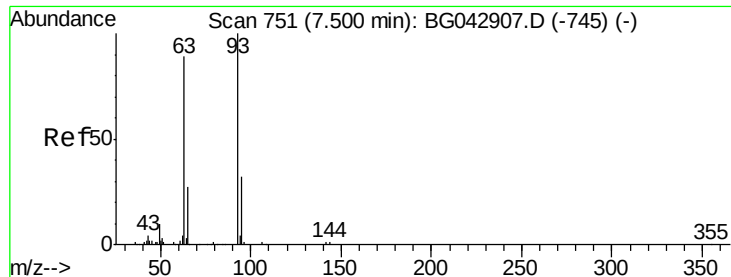
94 100

65 35.0 13.7 53.7

66 47.8 27.4 67.4



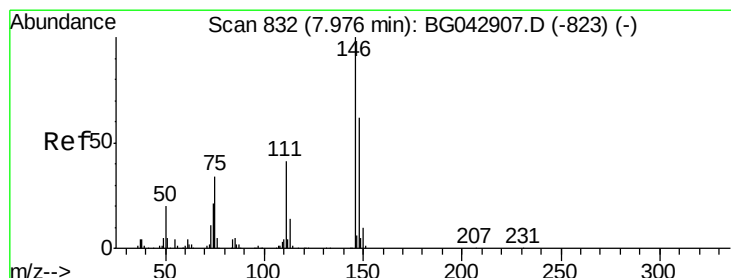
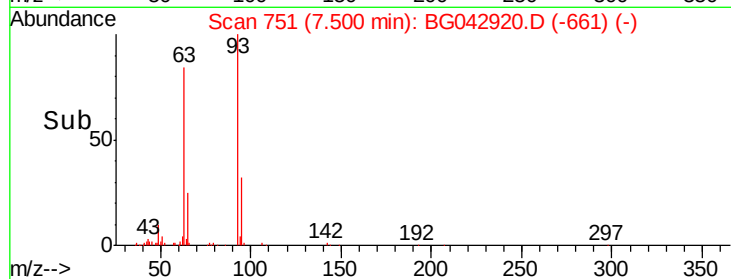
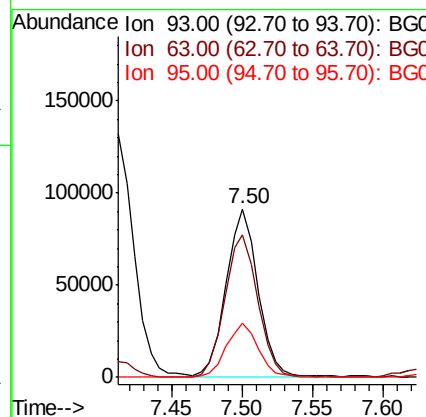
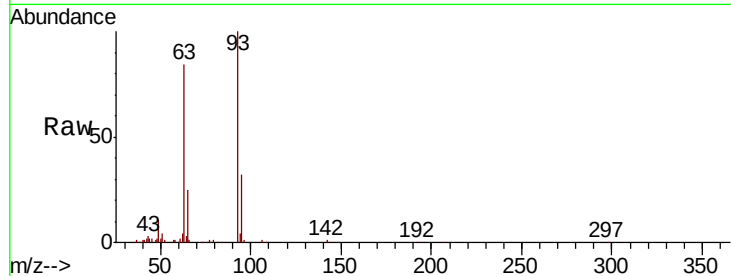




#11  
bis(2-Chloroethyl)ether  
Concen: 36.775 ng  
RT: 7.50 min Scan# 751  
Delta R.T. 0.00 min  
Lab File: BG042920.D  
Acq: 23 Sep 2019 19:42

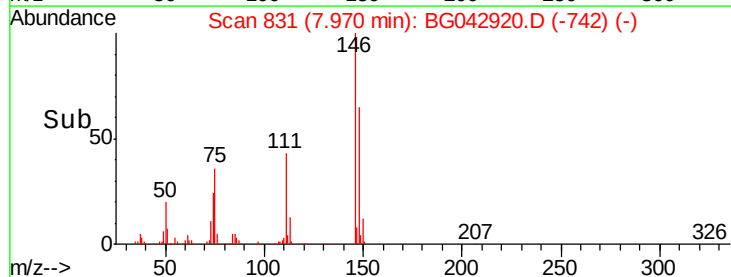
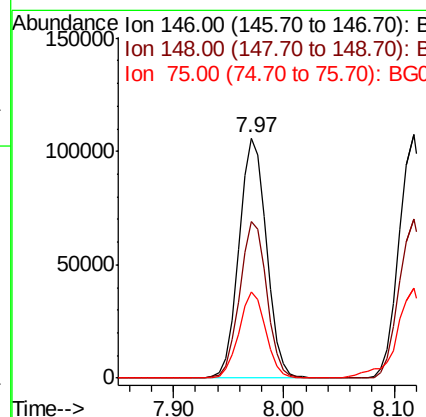
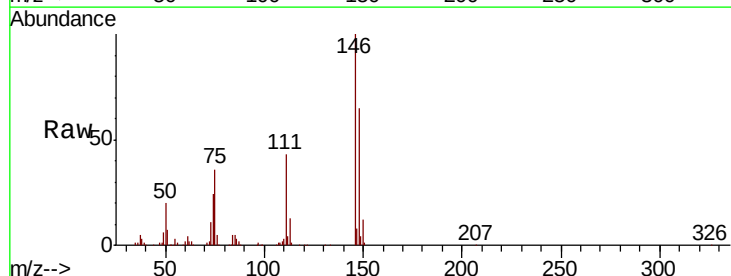
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

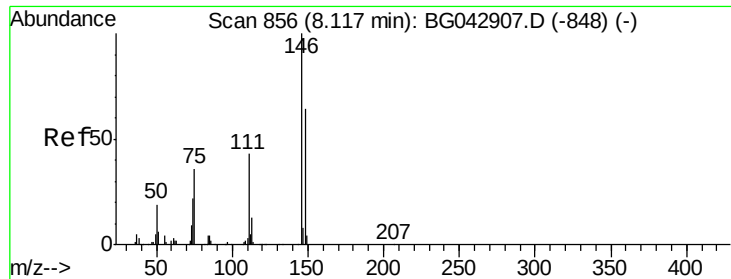
| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 93      | 93  | 100   |       |       |
| 63      | 63  | 84.2  | 68.1  | 108.1 |
| 95      | 95  | 31.9  | 11.3  | 51.3  |



#12  
1,3-Dichlorobenzene  
Concen: 38.954 ng  
RT: 7.97 min Scan# 831  
Delta R.T. -0.01 min  
Lab File: BG042920.D  
Acq: 23 Sep 2019 19:42

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 146     | 146 | 100   |       |       |
| 148     | 148 | 65.1  | 49.4  | 74.0  |
| 75      | 75  | 36.1  | 27.0  | 40.6  |

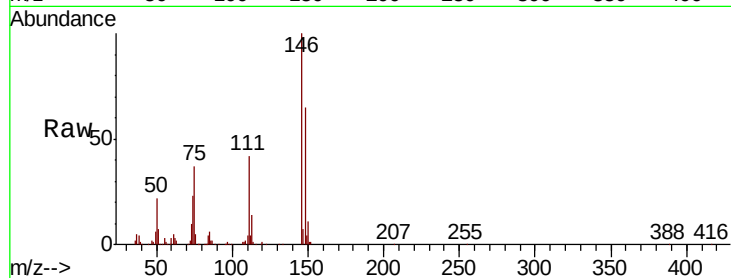




#13  
 1,4-Dichlorobenzene  
 Concen: 38.464 ng  
 RT: 8.12 min Scan# 856  
 Delta R.T. 0.00 min  
 Lab File: BG042920.D  
 Acq: 23 Sep 2019 19:42

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.5  | 51.4  | 77.2  |
| 111     | 42.1  | 34.7  | 52.1  |

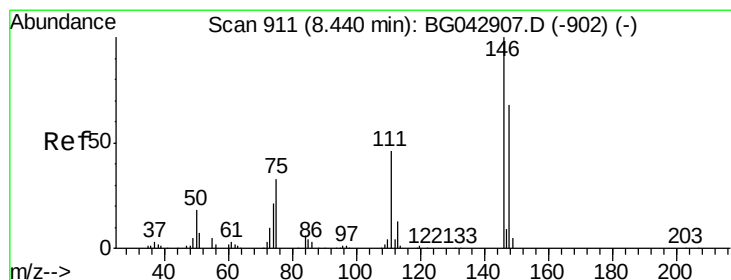
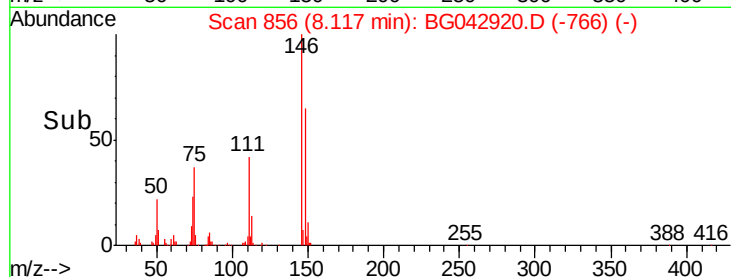
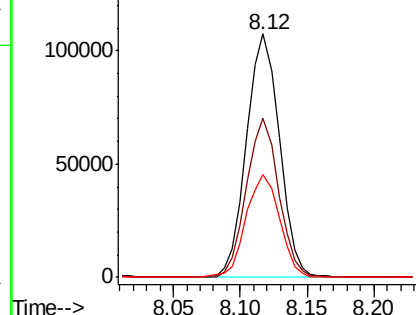


Abundance

Ion 146.00 (145.70 to 146.70): E

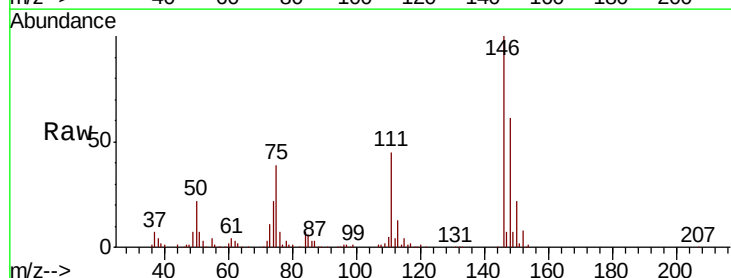
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14  
 1,2-Dichlorobenzene  
 Concen: 38.751 ng  
 RT: 8.43 min Scan# 910  
 Delta R.T. -0.01 min  
 Lab File: BG042920.D  
 Acq: 23 Sep 2019 19:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 61.3  | 54.7  | 82.1  |
| 111     | 45.1  | 37.4  | 56.2  |

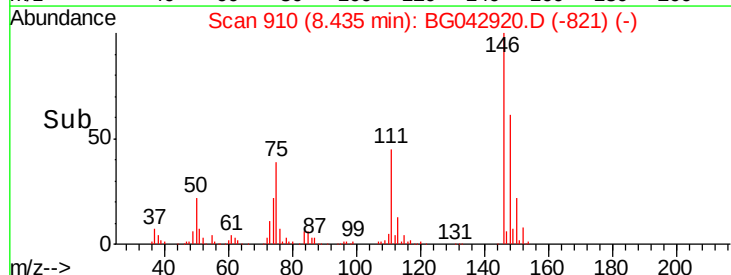
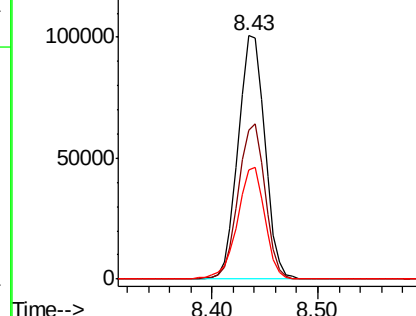


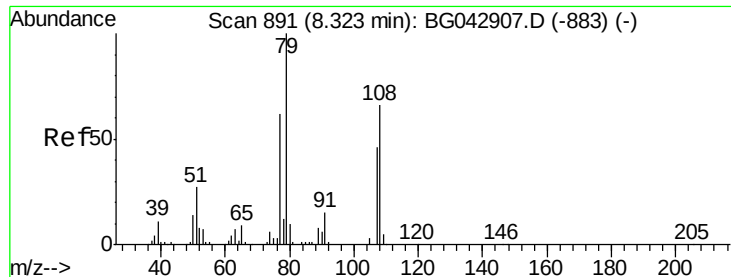
Abundance

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: 37.444 ng

RT: 8.32 min Scan# 891

Delta R.T. 0.00 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

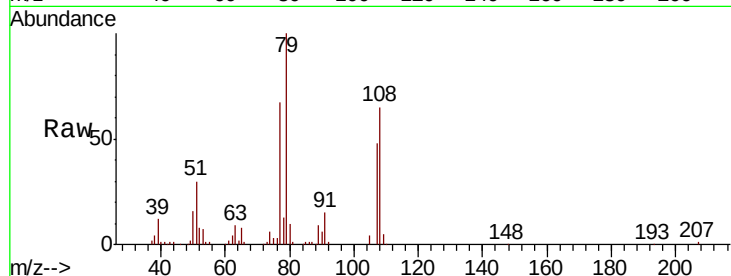
Tot Ion: 79 Resp: 149517

Ion Ratio Lower Upper

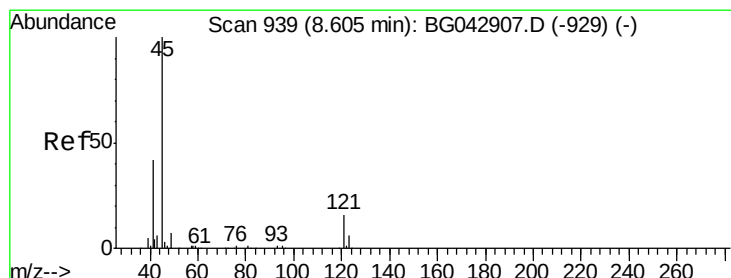
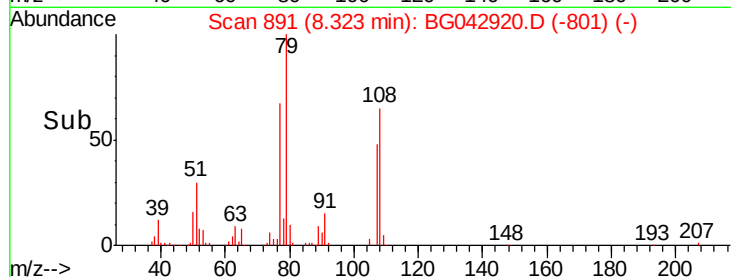
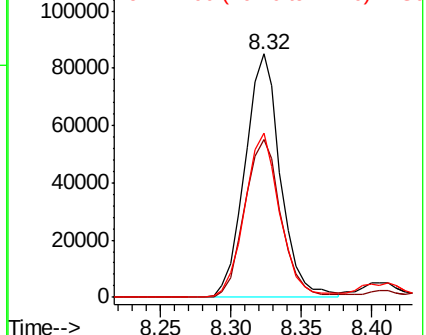
79 100

108 64.8 52.4 78.6

77 67.4 49.6 74.4



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.000 ng

RT: 8.61 min Scan# 940

Delta R.T. 0.01 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

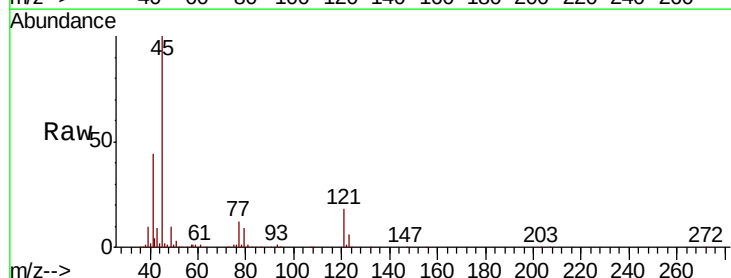
Tgt Ion: 45 Resp: 269931

Ion Ratio Lower Upper

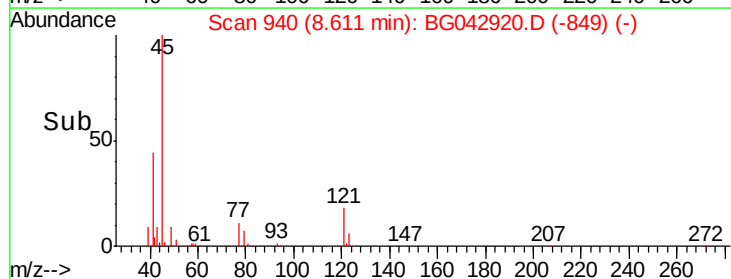
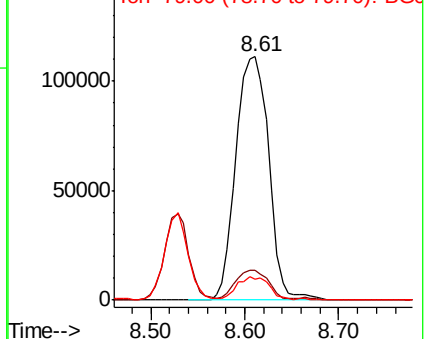
45 100

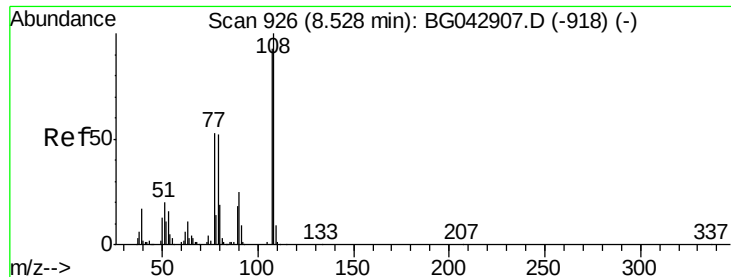
77 12.3 0.0 32.6

79 8.7 0.0 29.0



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

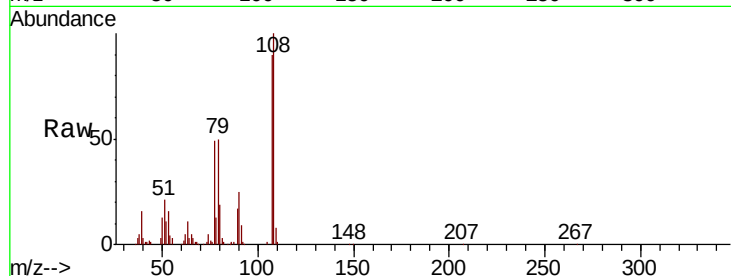




#17  
2-Methylphenol  
Concen: 36.566 ng  
RT: 8.53 min Scan# 926  
Delta R.T. 0.00 min  
Lab File: BG042920.D  
Acq: 23 Sep 2019 19:42

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 125011 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 110.7 | 85.8  | 128.8  |
| 77       | 54.6  | 45.4  | 68.0   |
| 79       | 55.0  | 45.5  | 68.3   |



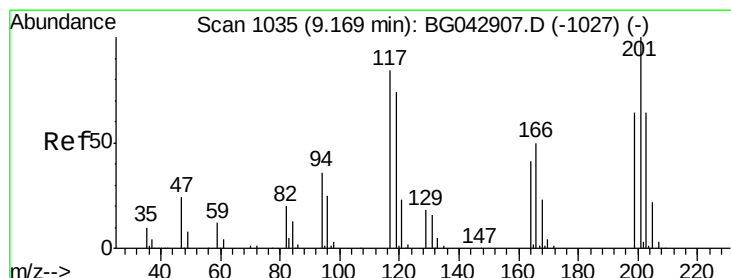
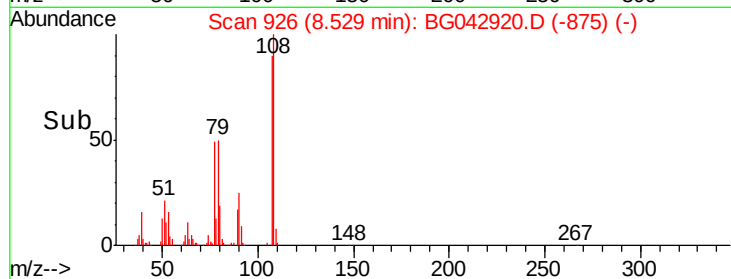
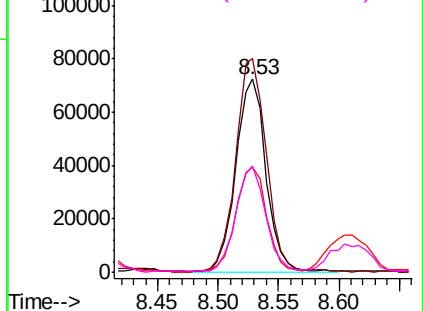
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

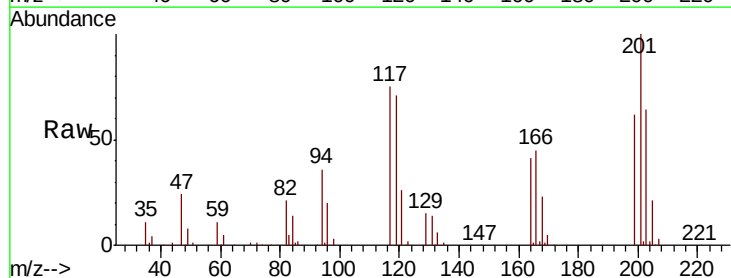
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18  
Hexachloroethane  
Concen: 39.007 ng  
RT: 9.17 min Scan# 1035  
Delta R.T. 0.00 min  
Lab File: BG042920.D  
Acq: 23 Sep 2019 19:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 68317 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 94.5  | 70.9  | 106.3 |
| 201      | 133.9 | 95.2  | 142.8 |

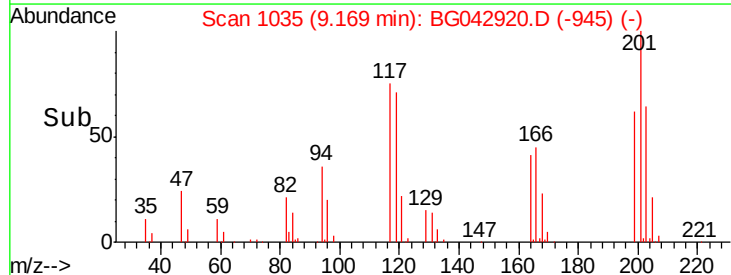
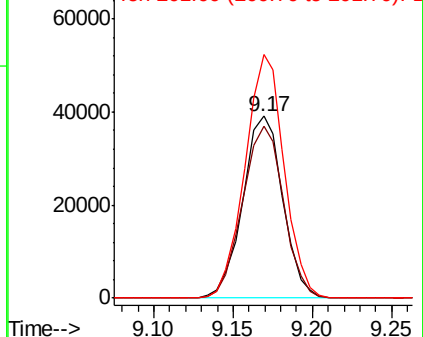


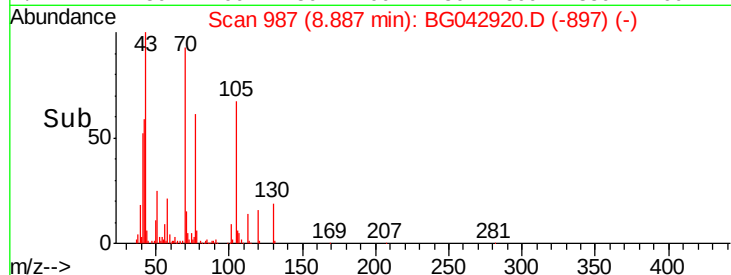
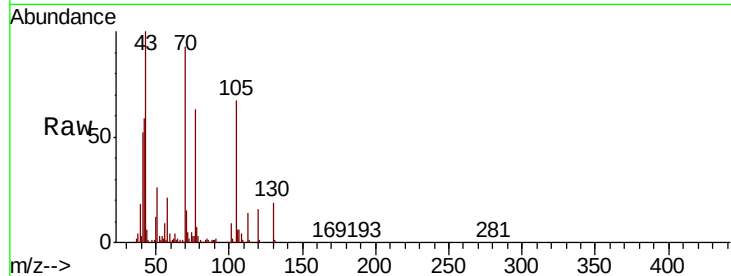
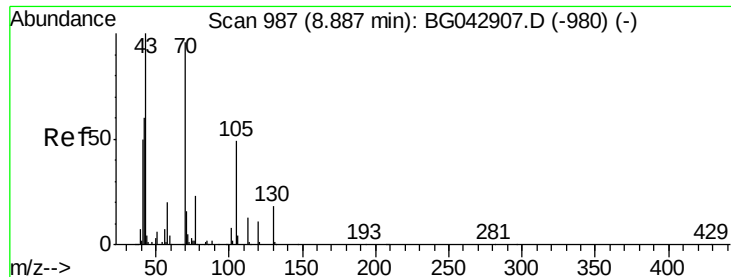
Abundance

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

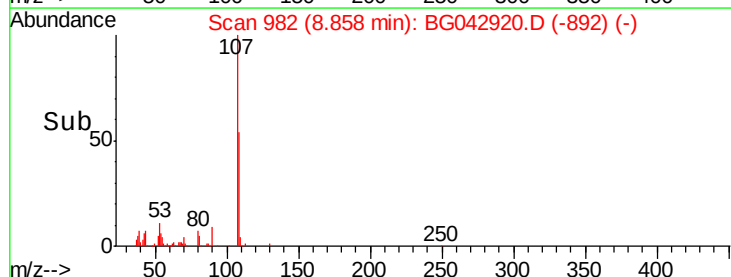
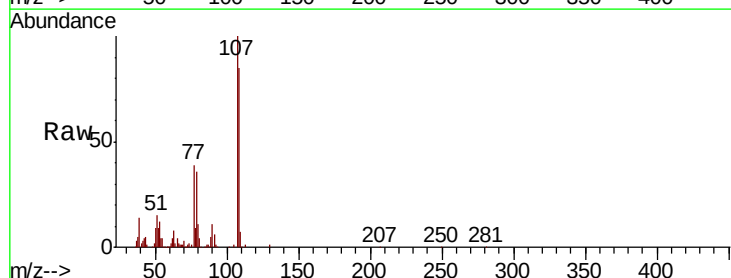
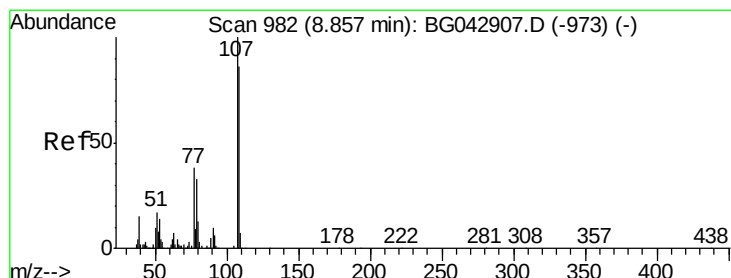
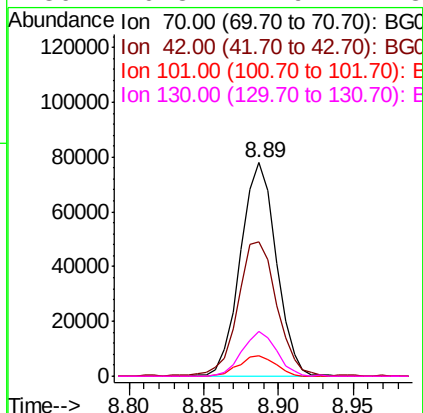




#19  
n-Nitroso-di-n-propylamine  
Concen: 36.838 ng  
RT: 8.89 min Scan# 987  
Delta R.T. 0.00 min  
Lab File: BG042920.D  
Acq: 23 Sep 2019 19:42

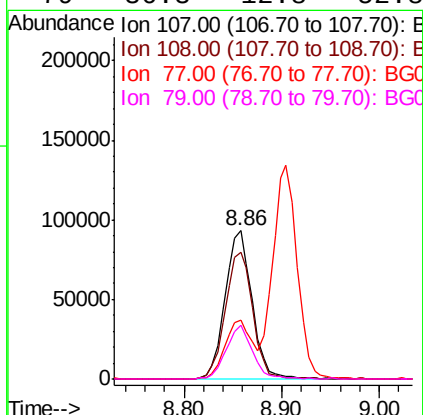
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

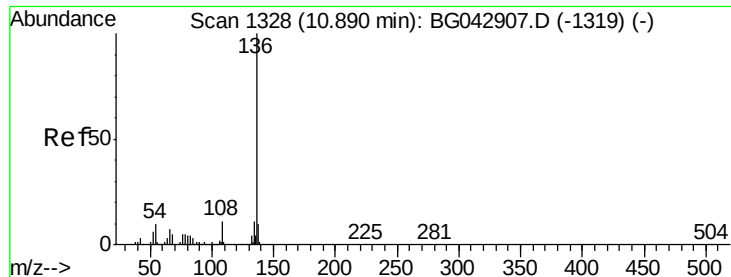
Tot Ion: 70 Resp: 130476  
Ion Ratio Lower Upper  
70 100  
42 62.9 50.5 75.7  
101 9.3 7.0 10.4  
130 20.8 14.9 22.3



#20  
3+4-Methylphenols  
Concen: 37.897 ng  
RT: 8.86 min Scan# 982  
Delta R.T. 0.00 min  
Lab File: BG042920.D  
Acq: 23 Sep 2019 19:42

Tgt Ion: 107 Resp: 177906  
Ion Ratio Lower Upper  
107 100  
108 85.0 66.2 106.2  
77 39.4 18.0 58.0  
79 36.3 12.8 52.8

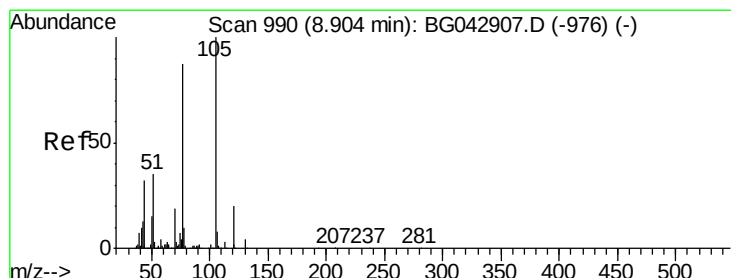
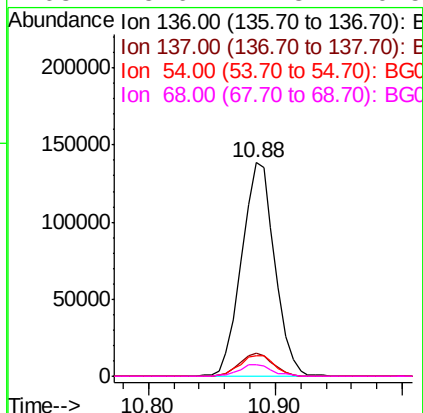
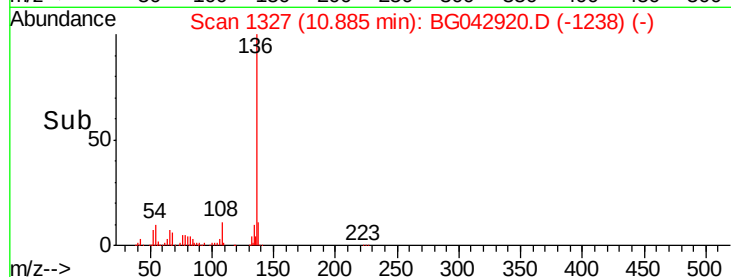
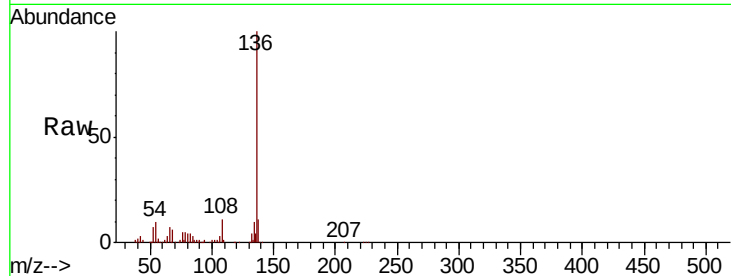




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.88 min Scan# 1327  
Delta R.T. -0.01 min  
Lab File: BG042920.D  
Acq: 23 Sep 2019 19:42

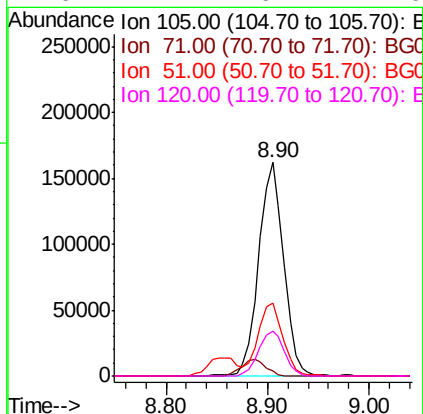
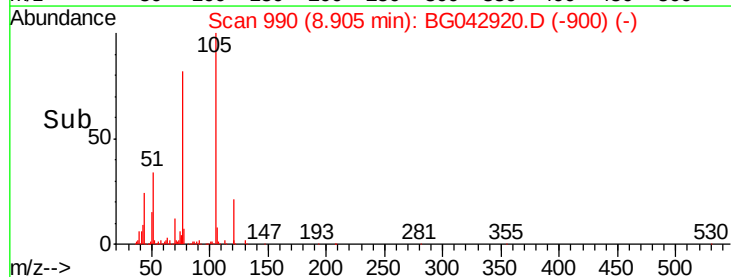
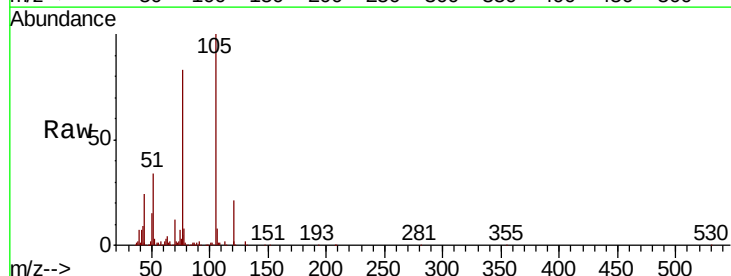
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

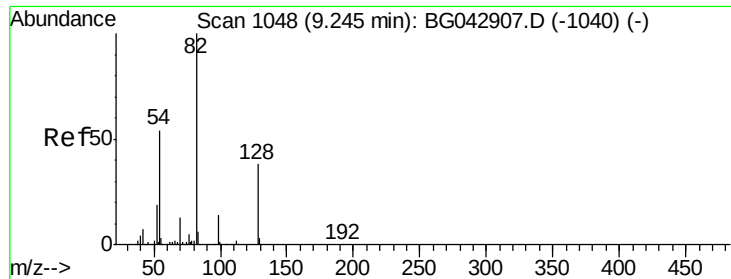
| Tot Ion:136 | Resp: | 251304      |
|-------------|-------|-------------|
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 10.7  | 8.2 12.2    |
| 54          | 9.6   | 8.2 12.2    |
| 68          | 5.6   | 4.3 6.5     |



#22  
Acetophenone  
Concen: 42.295 ng  
RT: 8.90 min Scan# 990  
Delta R.T. 0.00 min  
Lab File: BG042920.D  
Acq: 23 Sep 2019 19:42

| Tgt Ion:105 | Resp: | 277295      |
|-------------|-------|-------------|
| Ion         | Ratio | Lower Upper |
| 105         | 100   |             |
| 71          | 2.2   | 2.6 4.0#    |
| 51          | 34.4  | 28.2 42.4   |
| 120         | 21.2  | 16.4 24.6   |

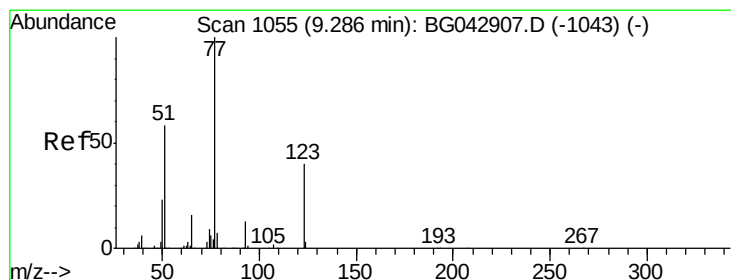
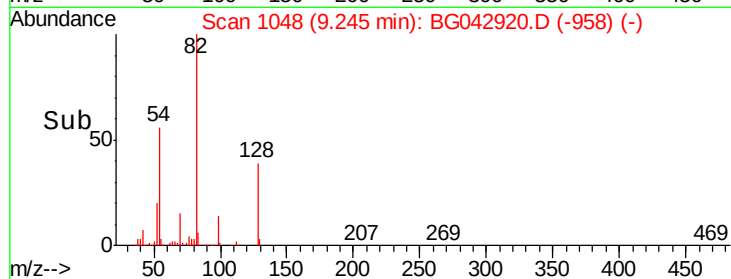
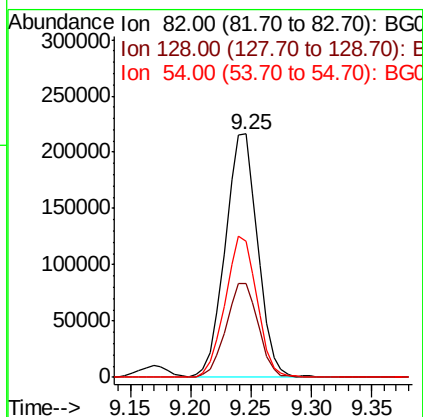
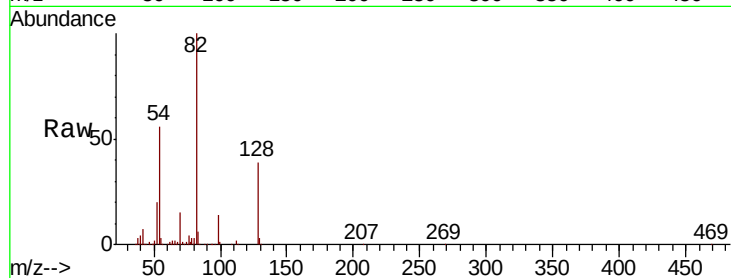




#23  
 Nitrobenzene-d5  
 Concen: 78.218 ng  
 RT: 9.25 min Scan# 1048  
 Delta R.T. 0.00 min  
 Lab File: BG042920.D  
 Acq: 23 Sep 2019 19:42

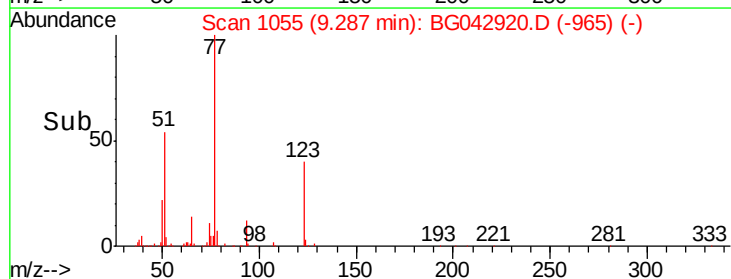
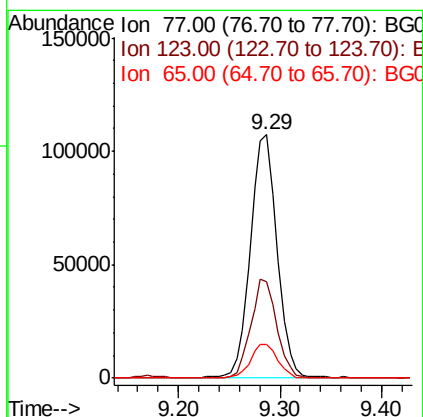
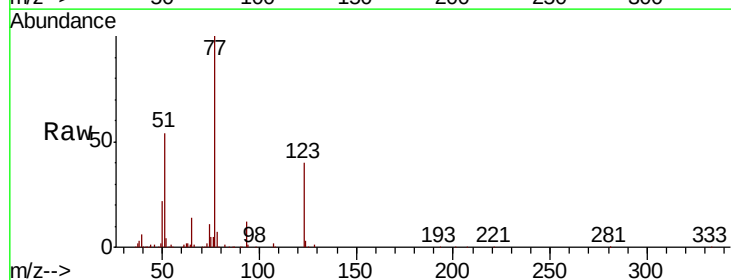
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion   | 82    | Resp  | 402945 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 38.7  | 30.4  | 45.6   |
| 54        | 56.1  | 43.4  | 65.0   |

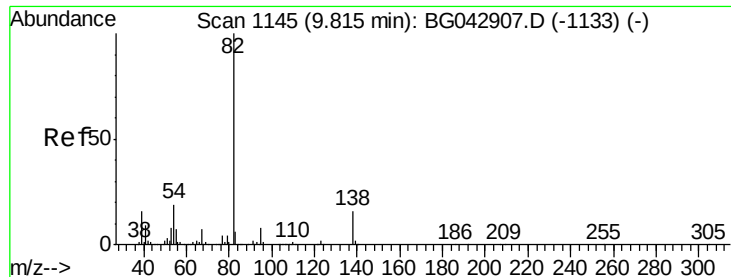


#24  
 Nitrobenzene  
 Concen: 39.339 ng  
 RT: 9.29 min Scan# 1055  
 Delta R.T. 0.00 min  
 Lab File: BG042920.D  
 Acq: 23 Sep 2019 19:42

| Tgt Ion   | 77    | Resp  | 196337 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 39.7  | 32.3  | 48.5   |
| 65        | 14.0  | 12.6  | 19.0   |







#25

Isophorone

Concen: 37.945 ng

RT: 9.81 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

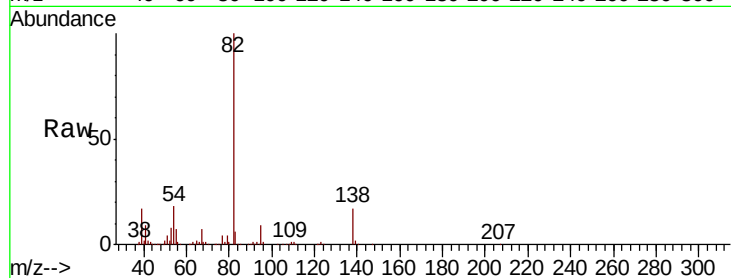
Tot Ion: 82 Resp: 349241

Ion Ratio Lower Upper

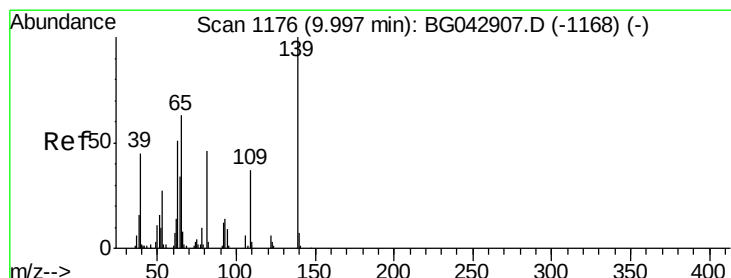
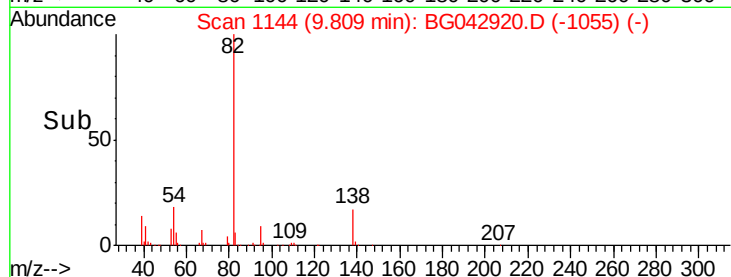
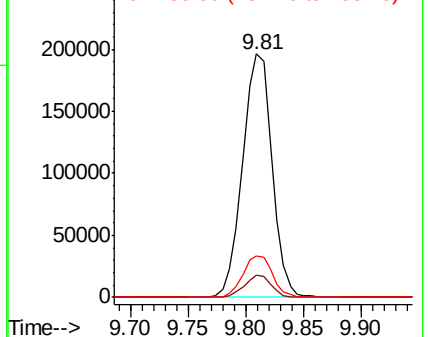
82 100

95 9.0 6.3 9.5

138 17.2 12.9 19.3



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



#26

2-Nitrophenol

Concen: 40.234 ng

RT: 10.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

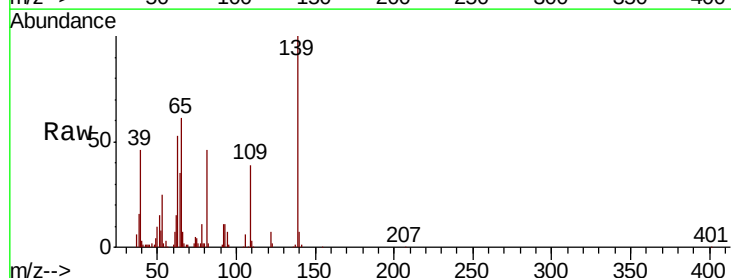
Tgt Ion: 139 Resp: 82783

Ion Ratio Lower Upper

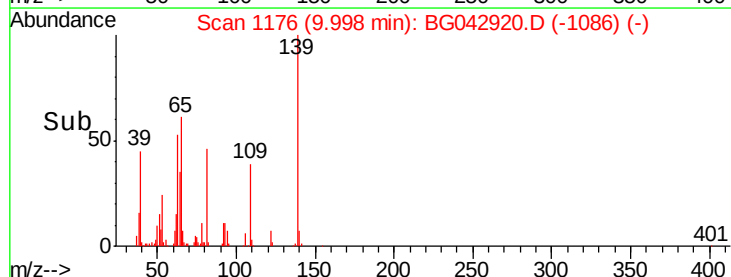
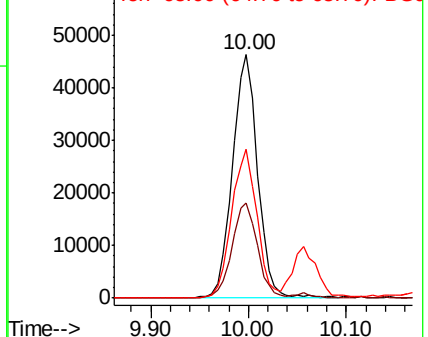
139 100

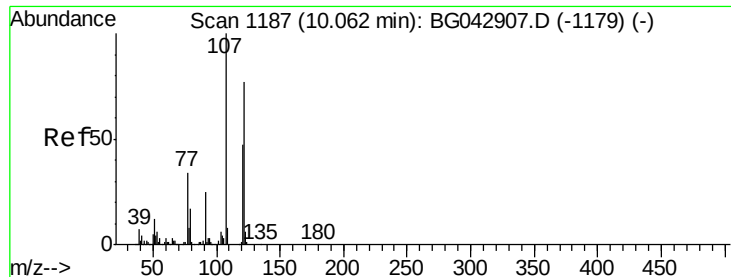
109 39.1 29.3 43.9

65 61.1 51.1 76.7



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

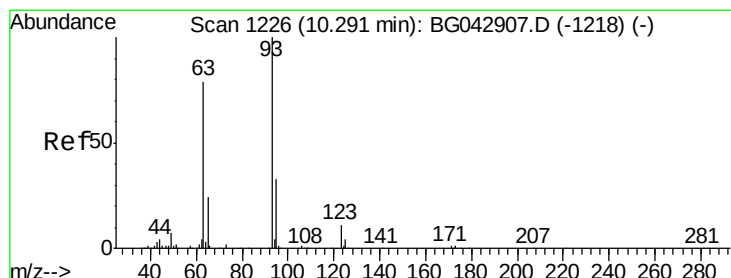
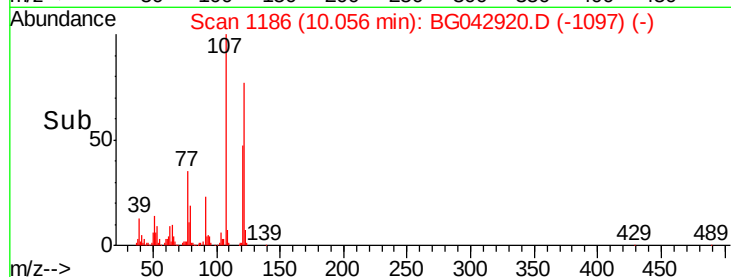
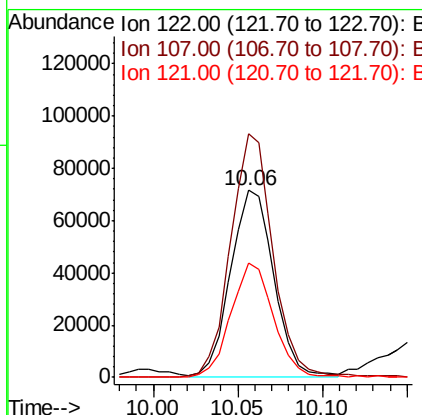
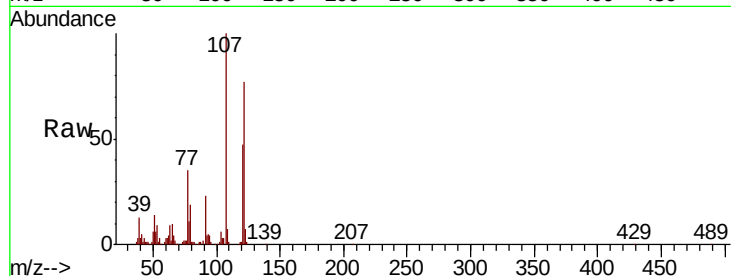




#27  
2,4-Dimethylphenol  
Concen: 39.297 ng  
RT: 10.06 min Scan# 1186  
Delta R.T. -0.01 min  
Lab File: BG042920.D  
Acq: 23 Sep 2019 19:42

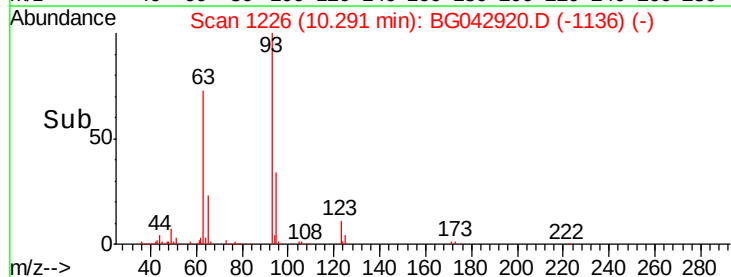
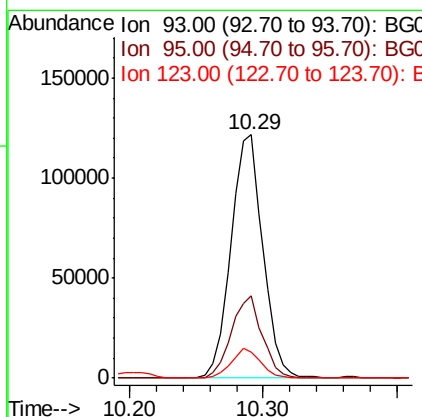
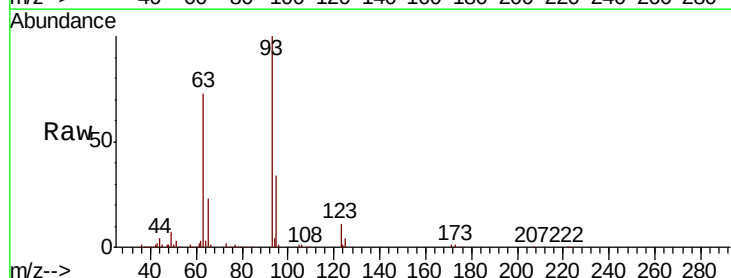
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

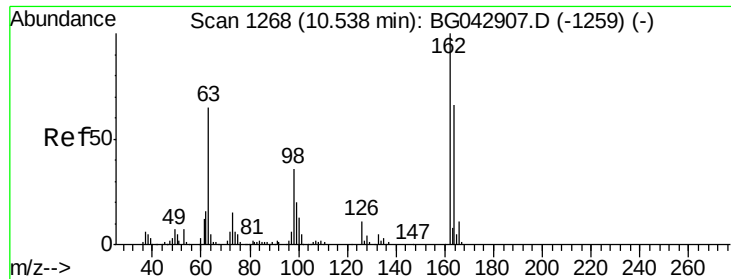
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 130.4 | 103.3 | 154.9 |
| 121     | 61.0  | 48.5  | 72.7  |



#28  
bis(2-Chloroethoxy)methane  
Concen: 38.041 ng  
RT: 10.29 min Scan# 1226  
Delta R.T. 0.00 min  
Lab File: BG042920.D  
Acq: 23 Sep 2019 19:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 34.0  | 26.3  | 39.5  |
| 123     | 10.6  | 8.6   | 13.0  |

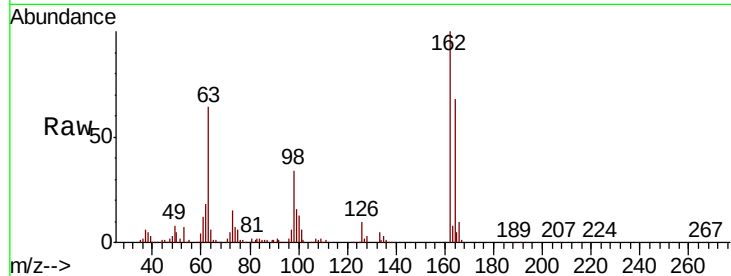




#29  
2,4-Dichlorophenol  
Concen: 40.178 ng  
RT: 10.53 min Scan# 1267  
Delta R.T. -0.01 min  
Lab File: BG042920.D  
Acq: 23 Sep 2019 19:42

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 67.8  | 45.9  | 85.9  |
| 98      | 33.8  | 15.7  | 55.7  |

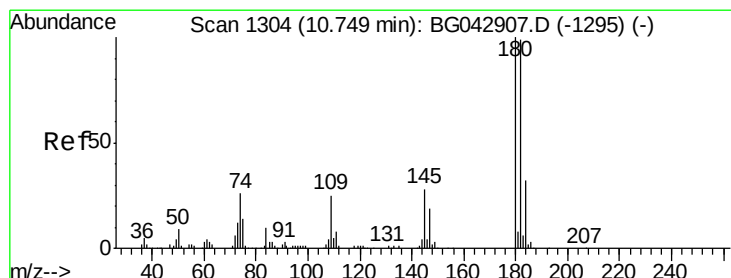
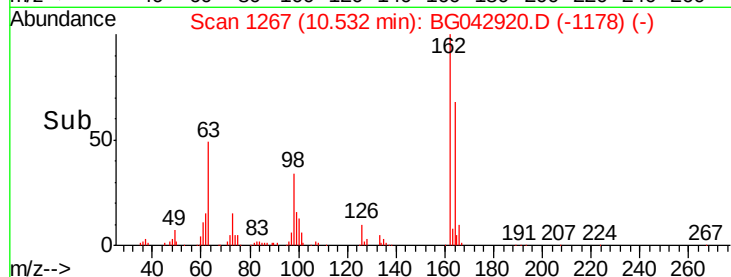
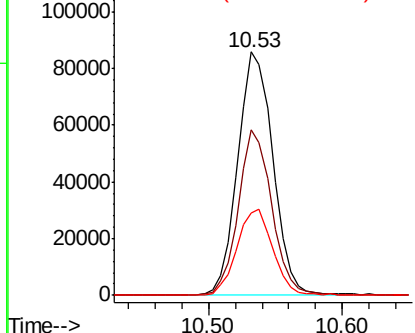


Abundance

Ion 162.00 (161.70 to 162.70): E

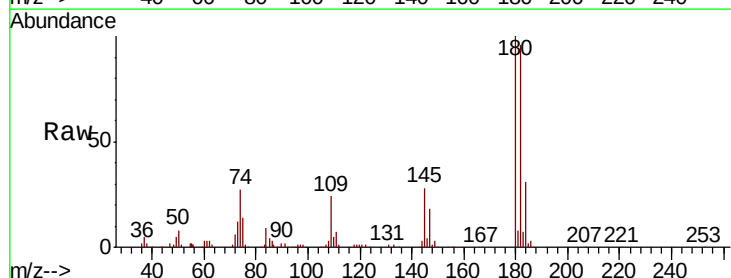
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30  
1,2,4-Trichlorobenzene  
Concen: 40.480 ng  
RT: 10.74 min Scan# 1303  
Delta R.T. -0.01 min  
Lab File: BG042920.D  
Acq: 23 Sep 2019 19:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.4  | 78.9  | 118.3 |
| 145     | 28.4  | 22.4  | 33.6  |

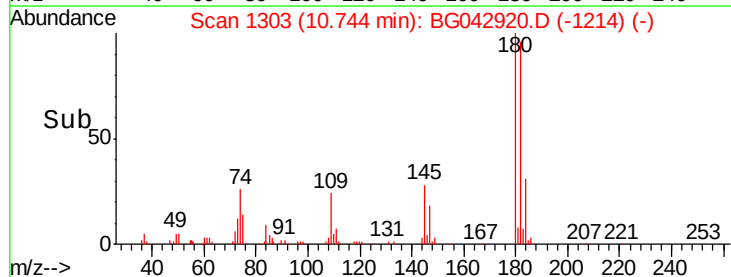
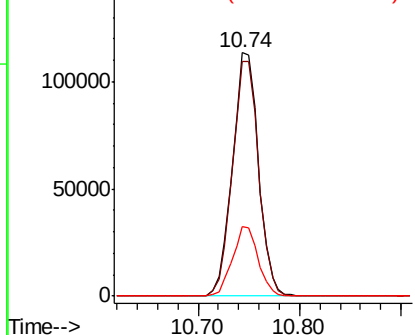


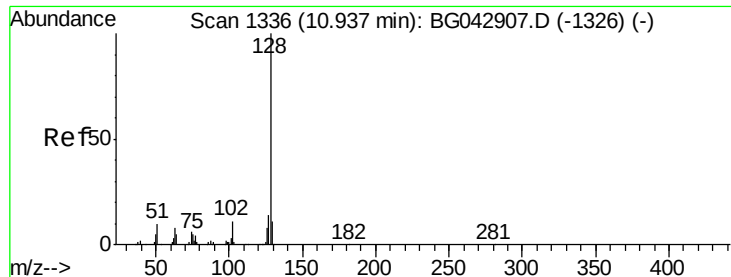
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

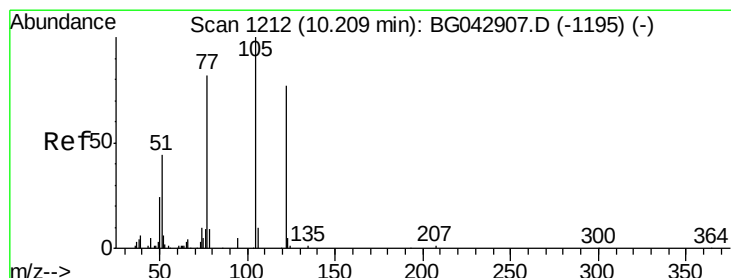
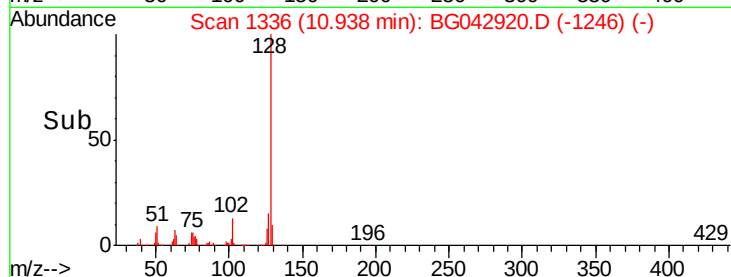
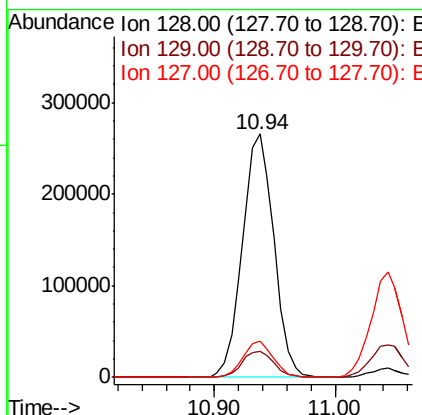
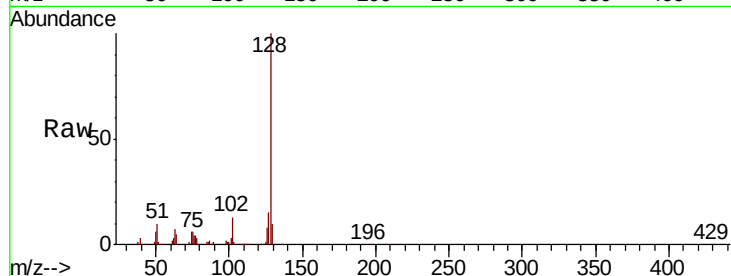




#31  
Naphthalene  
Concen: 39.236 ng  
RT: 10.94 min Scan# 1336  
Delta R.T. 0.00 min  
Lab File: BG042920.D  
Acq: 23 Sep 2019 19:42

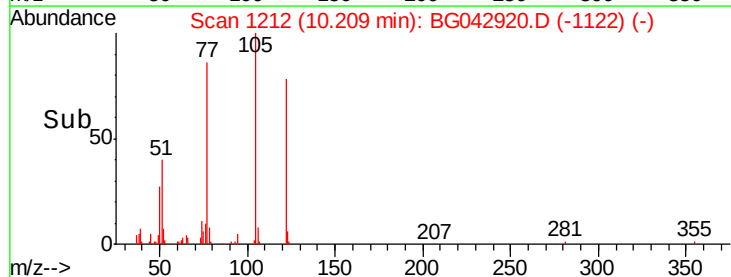
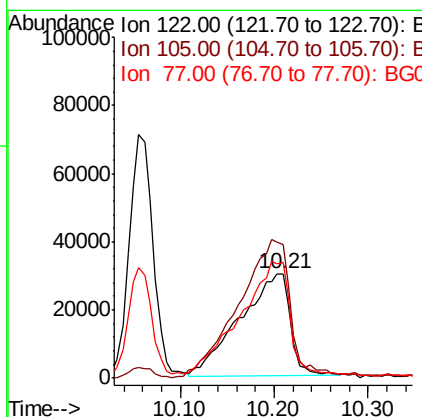
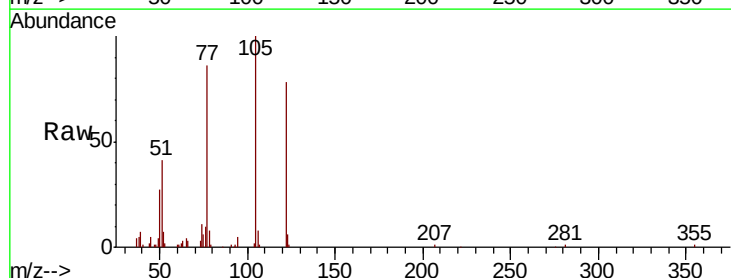
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

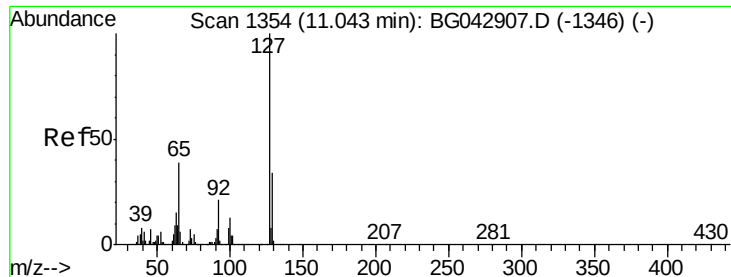
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.5  | 9.0   | 13.6  |
| 127     | 14.8  | 11.0  | 16.4  |



#32  
Benzoic acid  
Concen: 43.134 ng  
RT: 10.21 min Scan# 1212  
Delta R.T. 0.00 min  
Lab File: BG042920.D  
Acq: 23 Sep 2019 19:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 128.2 | 108.3 | 148.3 |
| 77      | 110.2 | 85.5  | 125.5 |

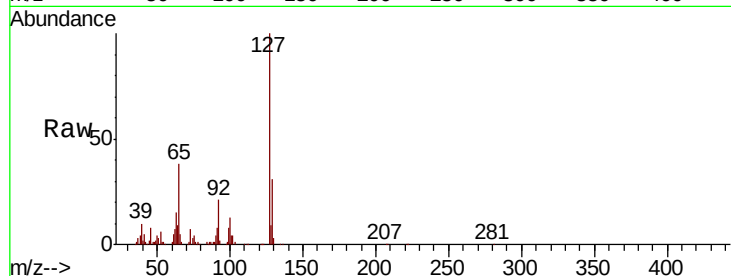




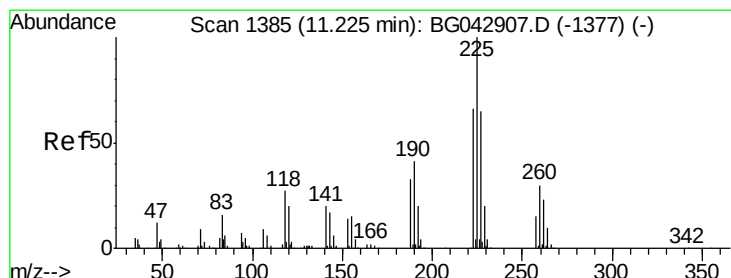
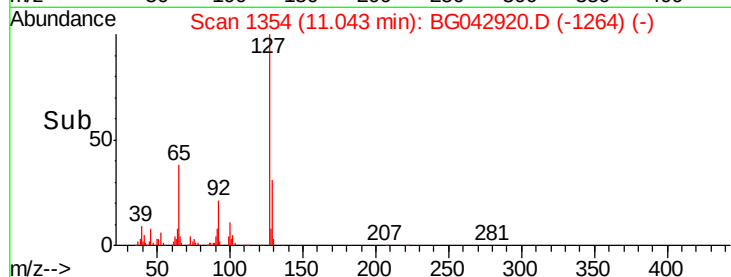
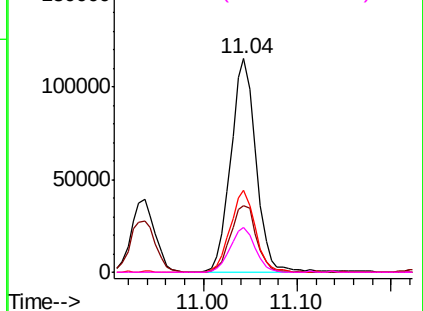
#33  
4-Chloroaniline  
Concen: 39.298 ng  
RT: 11.04 min Scan# 1354  
Delta R.T. 0.00 min  
Lab File: BG042920.D  
Acq: 23 Sep 2019 19:42

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:127 | Resp: | 214979    |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 31.3  | 27.0 40.6 |
| 65          | 38.3  | 31.6 47.4 |
| 92          | 21.0  | 16.6 25.0 |

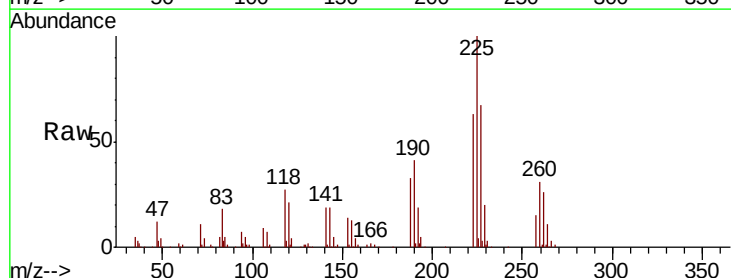


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

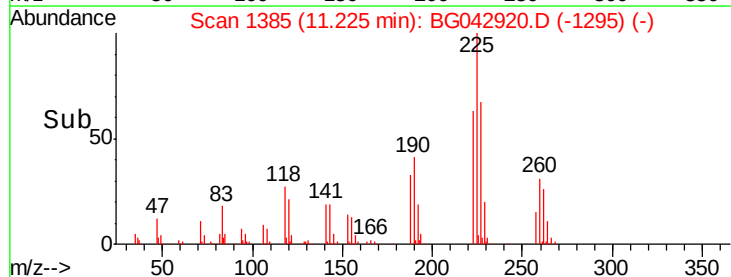
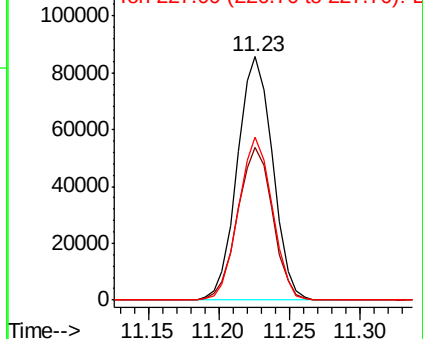


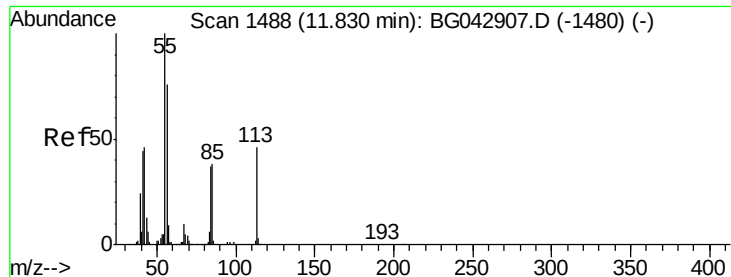
#34  
Hexachlorobutadiene  
Concen: 41.470 ng  
RT: 11.23 min Scan# 1385  
Delta R.T. 0.00 min  
Lab File: BG042920.D  
Acq: 23 Sep 2019 19:42

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 149808    |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 62.9  | 52.9 79.3 |
| 227         | 66.9  | 51.6 77.4 |



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





#35

Caprolactam

Concen: 38.043 ng

RT: 11.82 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

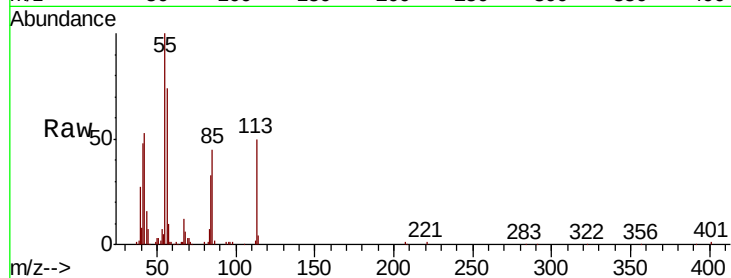
Tot Ion:113 Resp: 53729

Ion Ratio Lower Upper

113 100

55 202.0 196.9 236.9

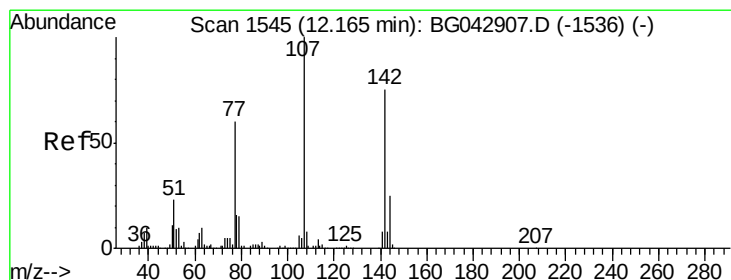
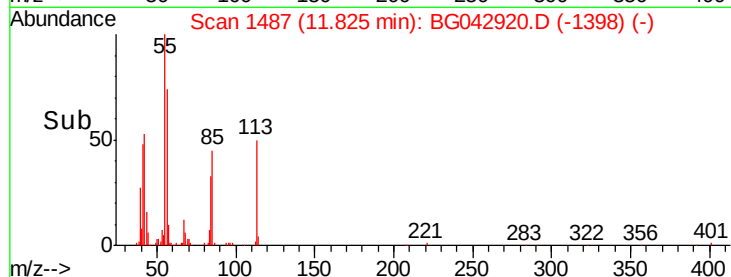
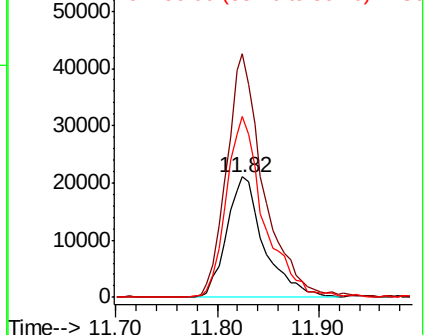
56 149.6 145.6 185.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 39.378 ng

RT: 12.17 min Scan# 1545

Delta R.T. 0.00 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

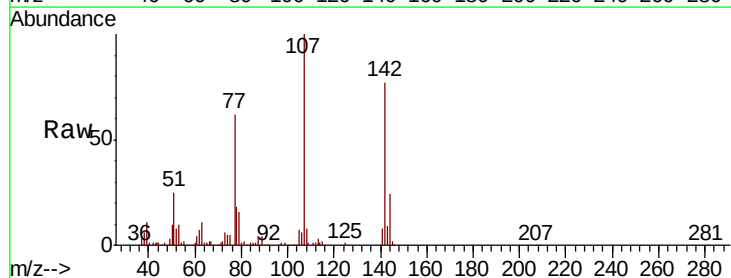
Tgt Ion:107 Resp: 170722

Ion Ratio Lower Upper

107 100

144 24.2 20.3 30.5

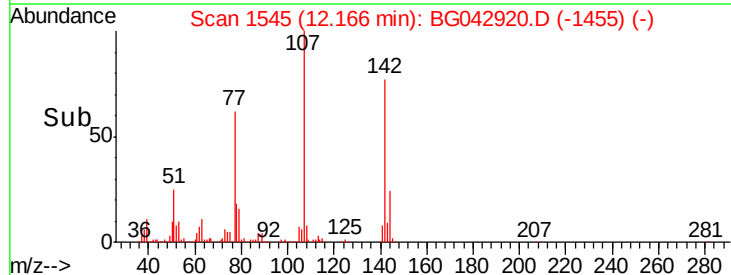
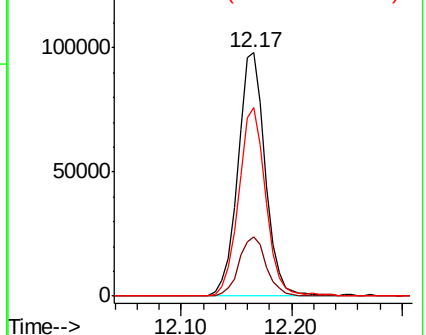
142 77.4 59.8 89.8

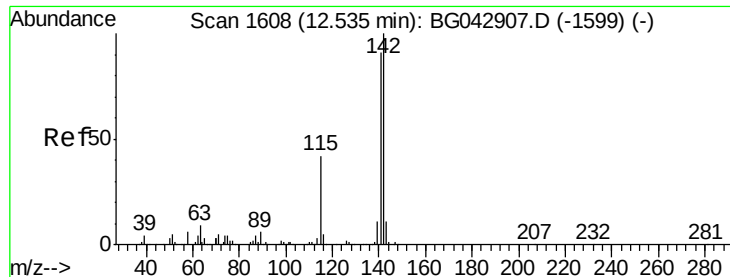


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

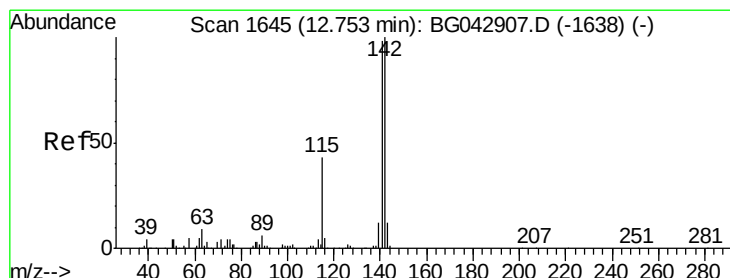
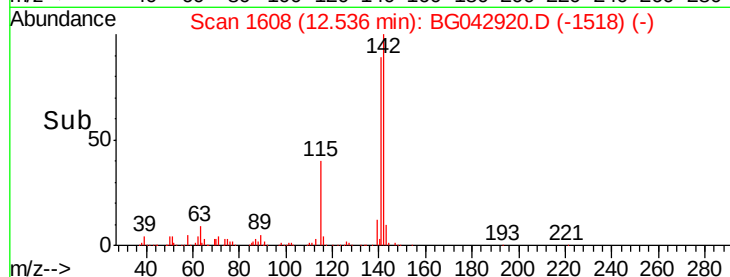
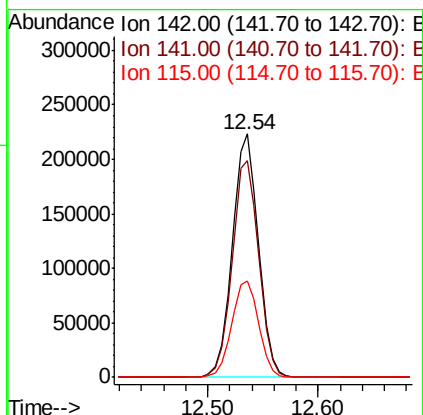
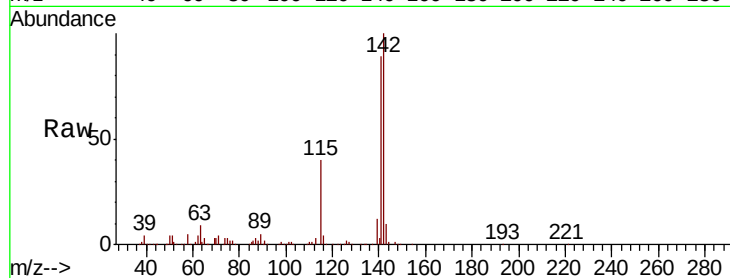




#37  
2-Methylnaphthalene  
Concen: 39.543 ng  
RT: 12.54 min Scan# 1608  
Delta R.T. 0.00 min  
Lab File: BG042920.D  
Acq: 23 Sep 2019 19:42

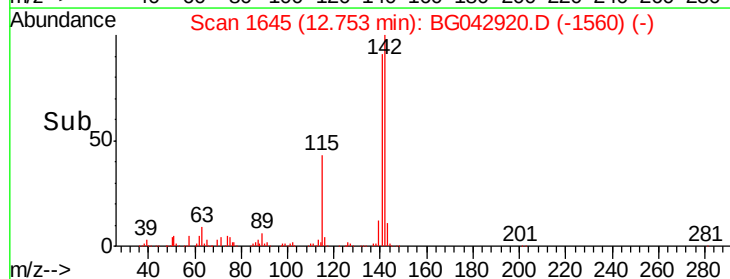
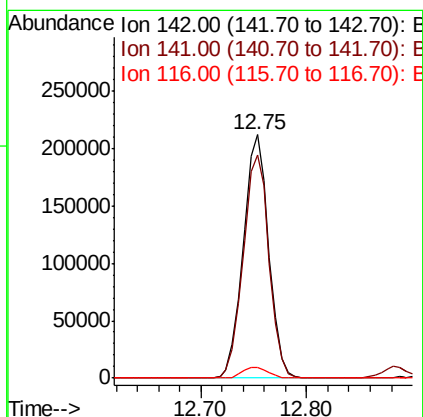
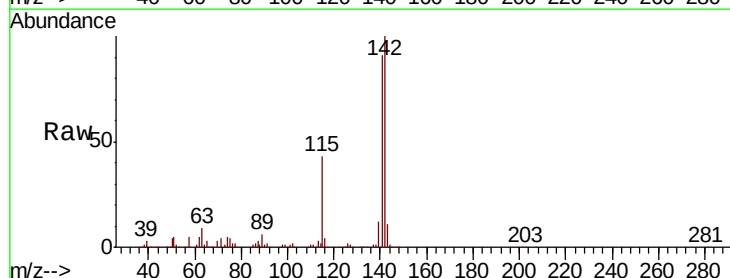
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

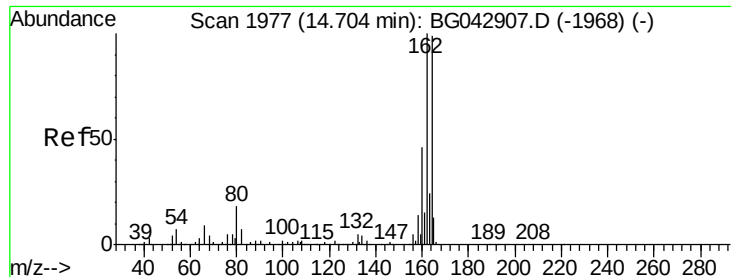
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.3  | 73.1  | 109.7 |
| 115     | 39.6  | 33.8  | 50.6  |



#38  
1-Methylnaphthalene  
Concen: 39.923 ng  
RT: 12.75 min Scan# 1645  
Delta R.T. 0.00 min  
Lab File: BG042920.D  
Acq: 23 Sep 2019 19:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.5  | 78.0  | 117.0 |
| 116     | 4.3   | 4.2   | 6.2   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

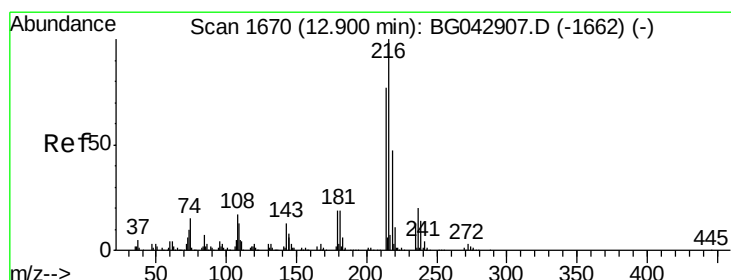
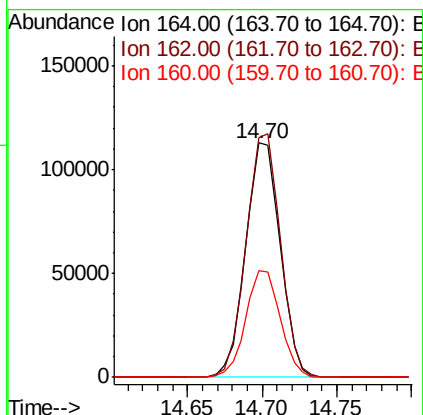
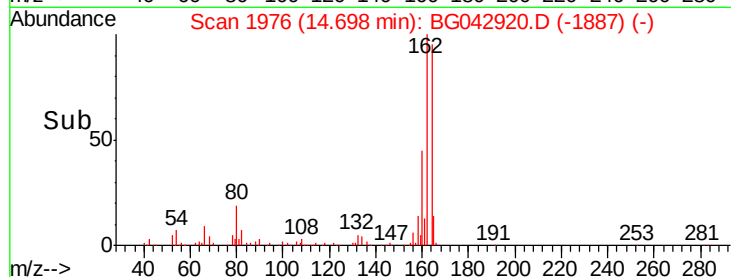
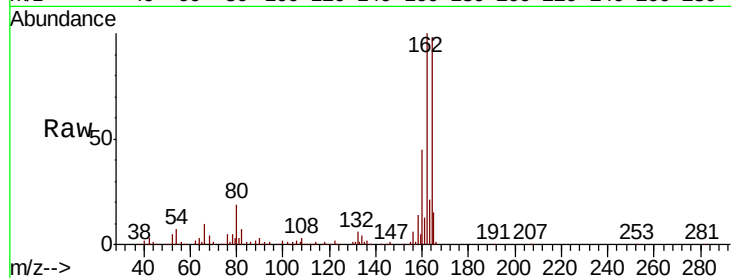
Tot Ion:164 Resp: 180671

Ion Ratio Lower Upper

164 100

162 102.5 81.2 121.8

160 45.7 37.0 55.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.931 ng

RT: 12.90 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

Tgt Ion:216 Resp: 307153

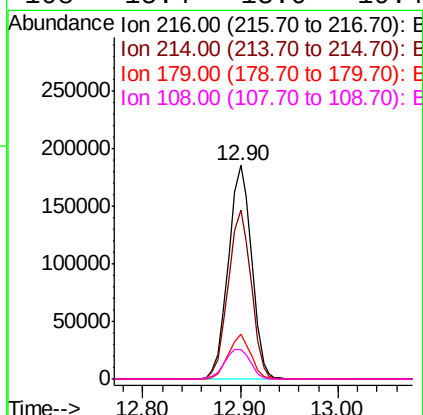
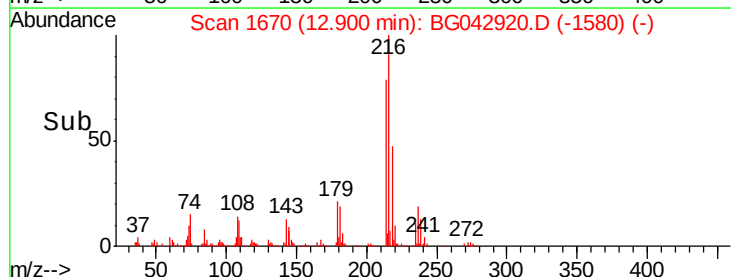
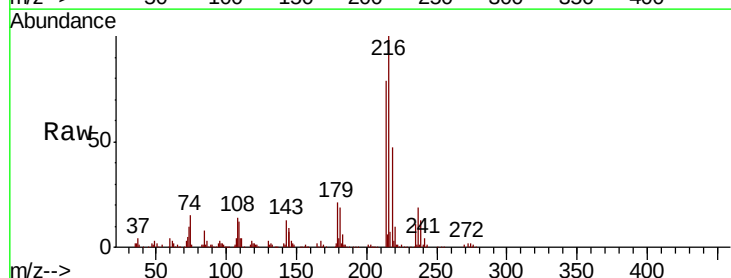
Ion Ratio Lower Upper

216 100

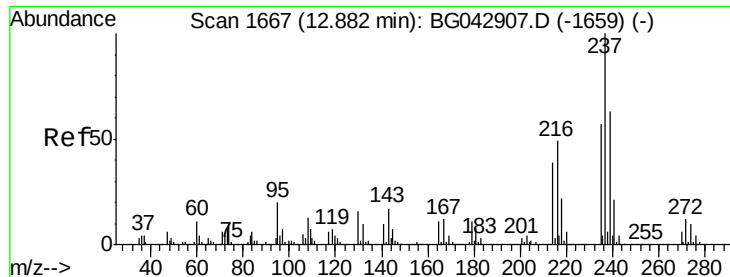
214 78.1 62.6 93.8

179 19.7 15.9 23.9

108 15.4 13.0 19.4







#41

Hexachlorocyclopentadiene

Concen: 41.145 ng

RT: 12.89 min Scan# 1668

Delta R.T. 0.01 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

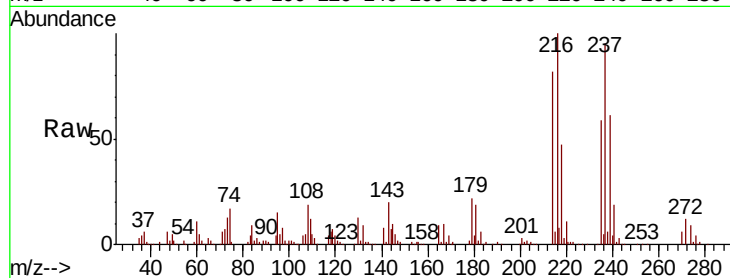
Tot Ion:237 Resp: 168678

Ion Ratio Lower Upper

237 100

235 61.8 37.1 77.1

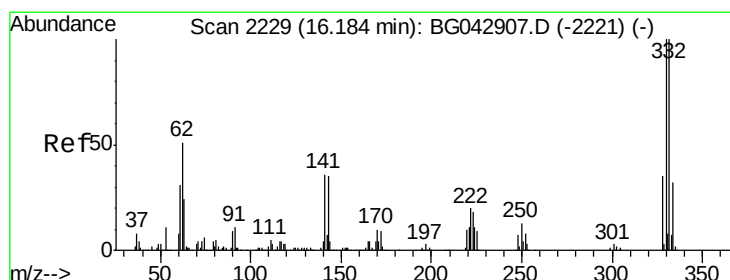
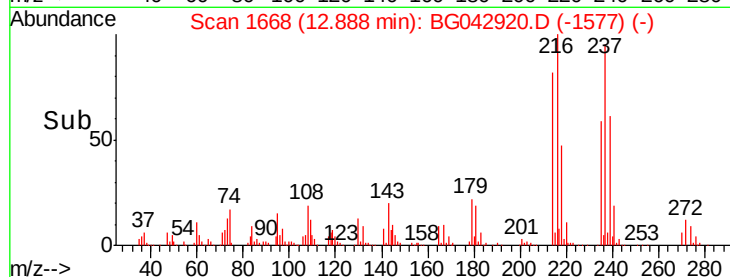
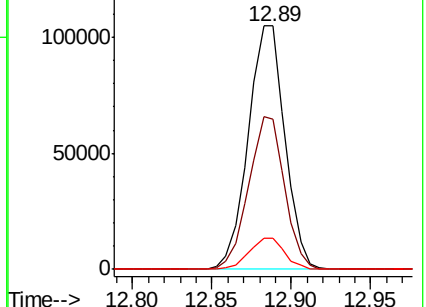
272 12.6 0.0 31.7



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 82.034 ng

RT: 16.18 min Scan# 2229

Delta R.T. 0.00 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

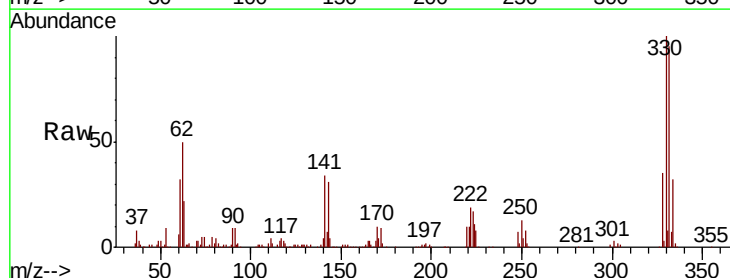
Tgt Ion:330 Resp: 233737

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.2

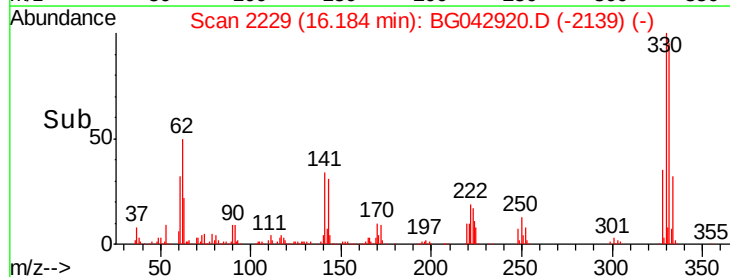
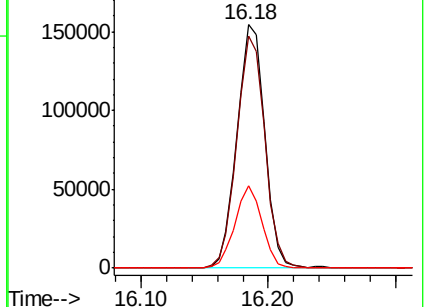
141 32.8 26.5 39.7

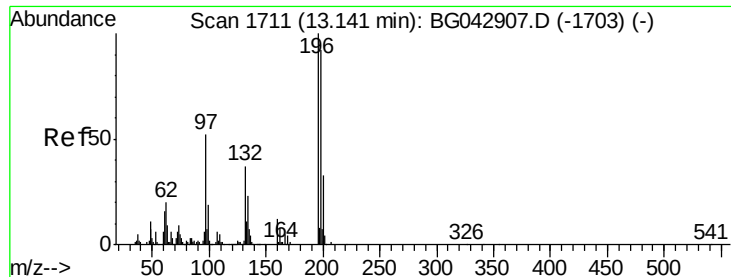


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

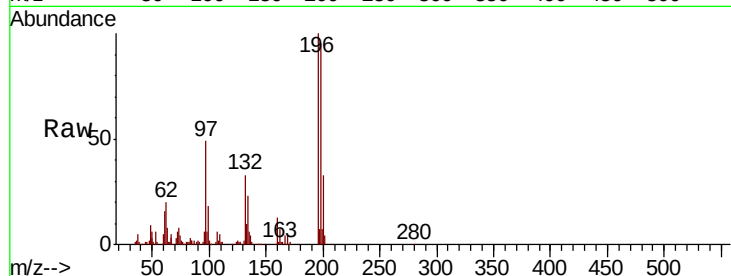




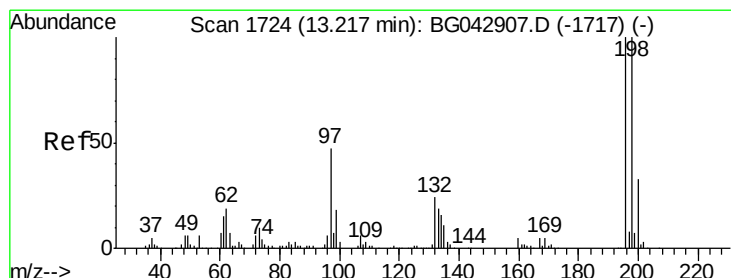
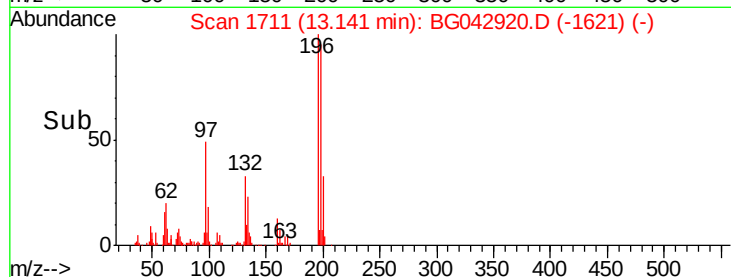
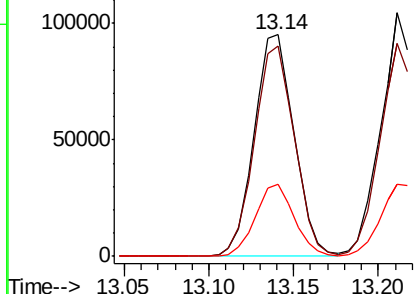
#43  
 2,4,6-Trichlorophenol  
 Concen: 39.802 ng  
 RT: 13.14 min Scan# 1711  
 Delta R.T. 0.00 min  
 Lab File: BG042920.D  
 Acq: 23 Sep 2019 19:42

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion:196 Resp: 155710  
 Ion Ratio Lower Upper  
 196 100  
 198 95.2 73.5 110.3  
 200 32.6 26.0 39.0

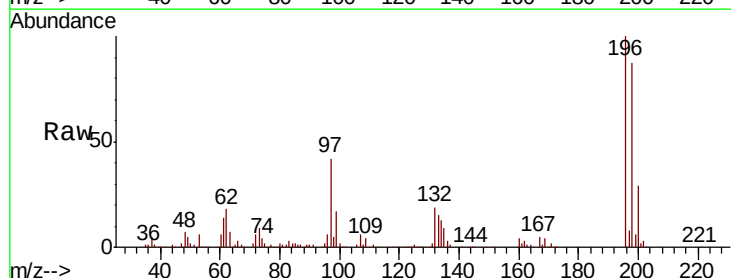


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

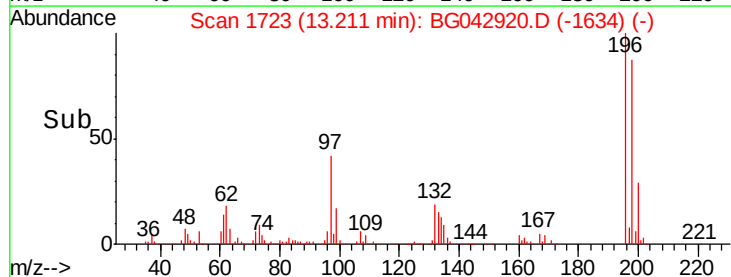
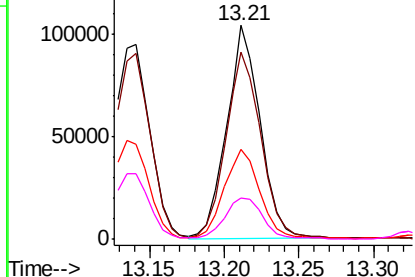


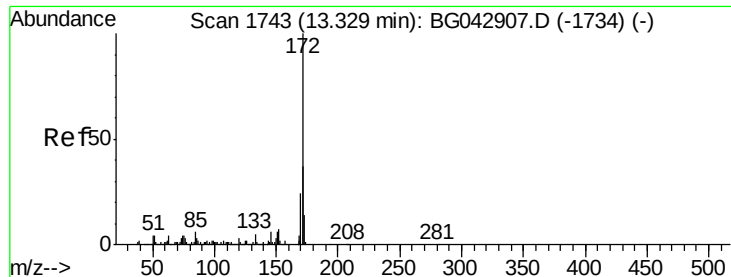
#44  
 2,4,5-Trichlorophenol  
 Concen: 40.350 ng  
 RT: 13.21 min Scan# 1723  
 Delta R.T. -0.01 min  
 Lab File: BG042920.D  
 Acq: 23 Sep 2019 19:42

Tgt Ion:196 Resp: 162927  
 Ion Ratio Lower Upper  
 196 100  
 198 87.4 80.0 120.0  
 97 41.8 38.0 57.0  
 132 19.3 19.6 29.4#



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): BGC  
 Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 79.677 ng

RT: 13.33 min Scan# 1743

Delta R.T. 0.00 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

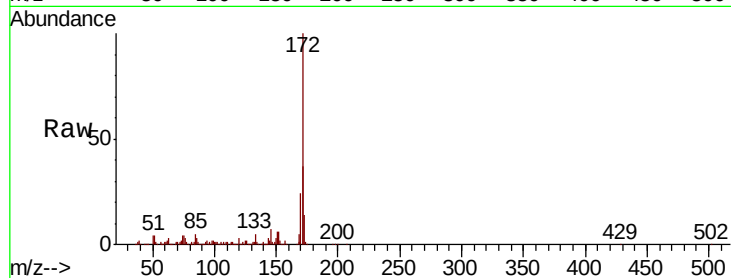
Tot Ion:172 Resp: 981196

Ion Ratio Lower Upper

172 100

171 37.1 29.7 44.5

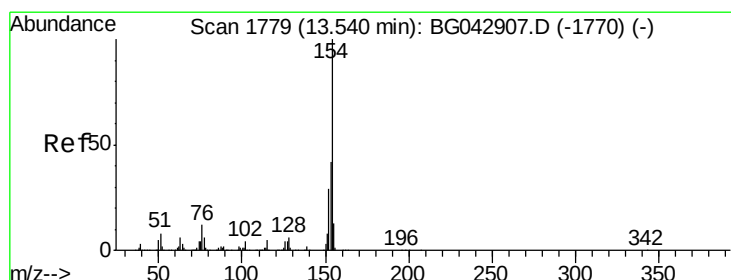
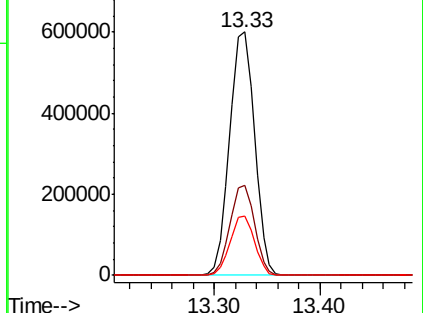
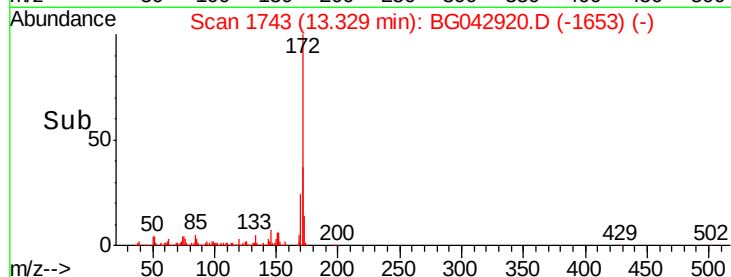
170 24.2 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 42.920 ng

RT: 13.53 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

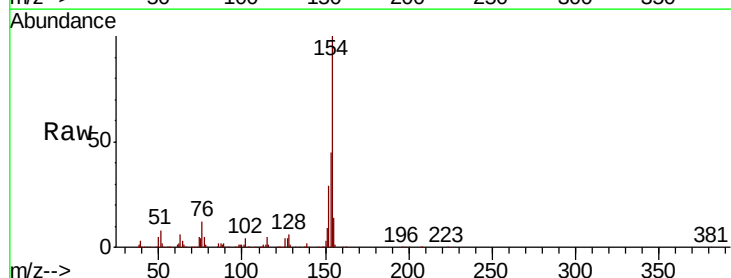
Tgt Ion:154 Resp: 591019

Ion Ratio Lower Upper

154 100

153 44.6 22.3 62.3

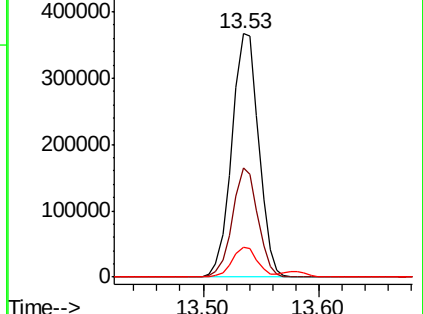
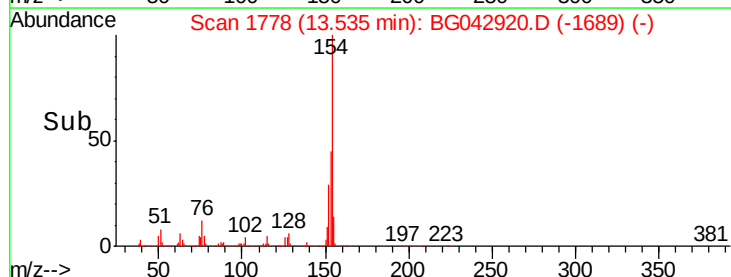
76 12.1 0.0 32.0

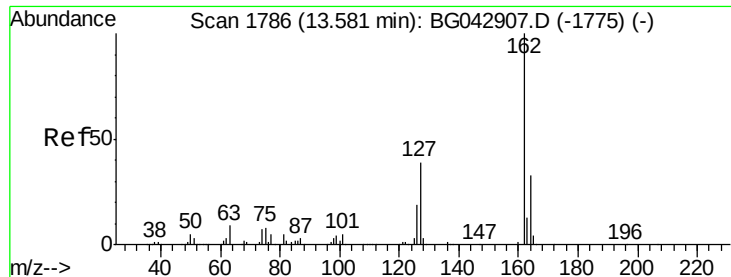


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC

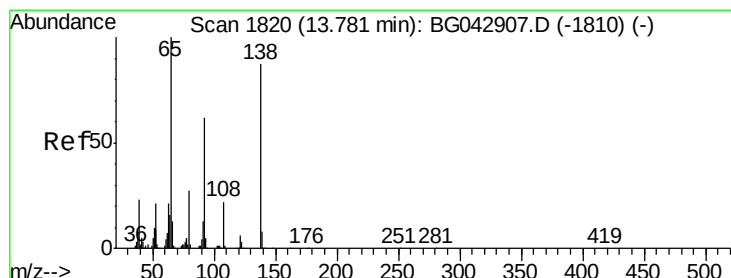
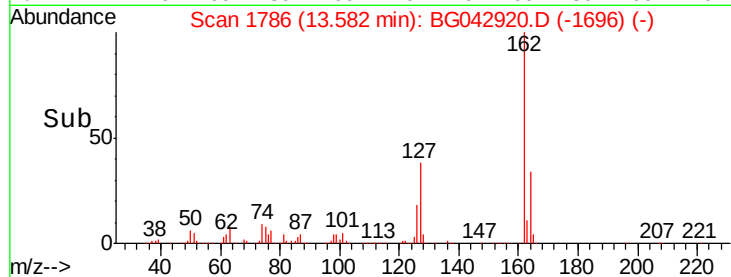
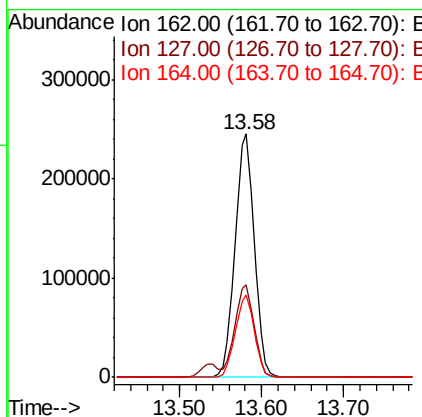
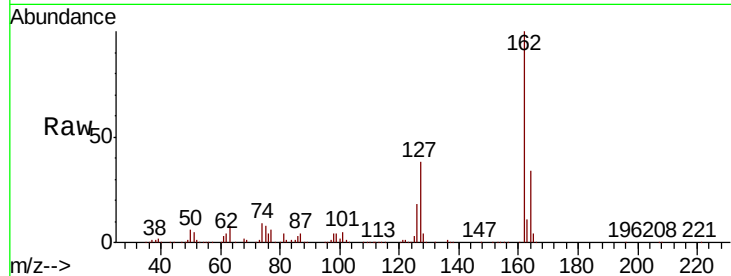




#47  
 2-Chloronaphthalene  
 Concen: 38.747 ng  
 RT: 13.58 min Scan# 1786  
 Delta R.T. 0.00 min  
 Lab File: BG042920.D  
 Acq: 23 Sep 2019 19:42

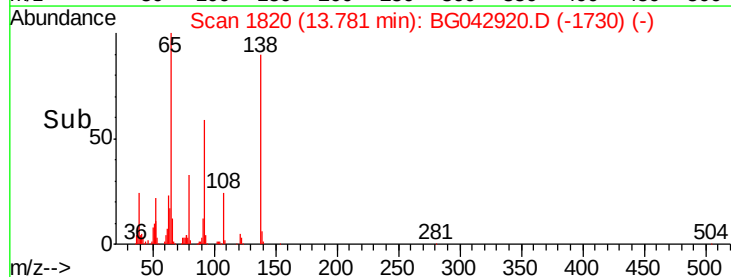
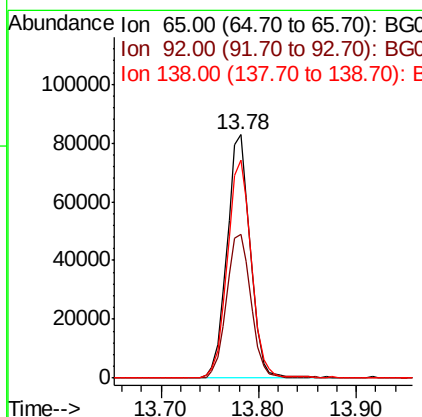
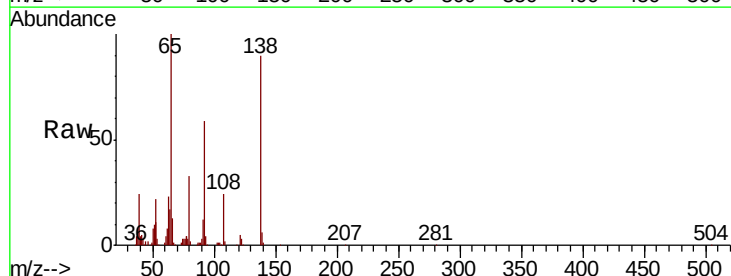
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

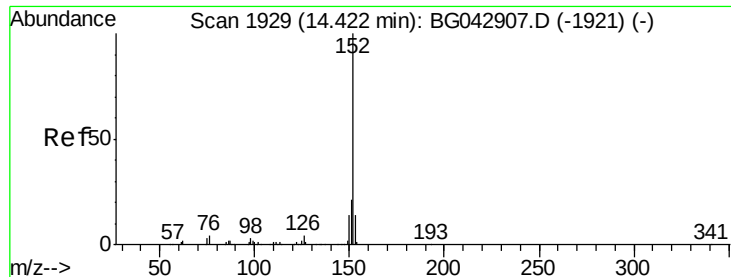
Tot Ion:162 Resp: 402373  
 Ion Ratio Lower Upper  
 162 100  
 127 38.0 32.1 48.1  
 164 33.6 26.6 39.8



#48  
 2-Nitroaniline  
 Concen: 39.289 ng  
 RT: 13.78 min Scan# 1820  
 Delta R.T. 0.00 min  
 Lab File: BG042920.D  
 Acq: 23 Sep 2019 19:42

Tgt Ion: 65 Resp: 136896  
 Ion Ratio Lower Upper  
 65 100  
 92 59.0 49.6 74.4  
 138 89.5 69.8 104.8





#49

Acenaphthylene

Concen: 39.309 ng

RT: 14.42 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

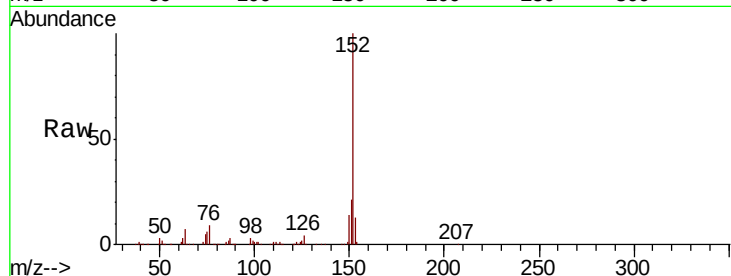
Tot Ion:152 Resp: 617516

Ion Ratio Lower Upper

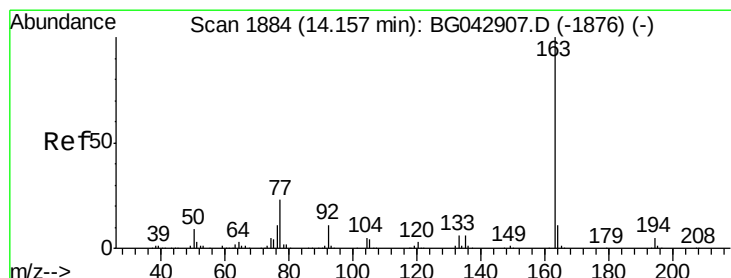
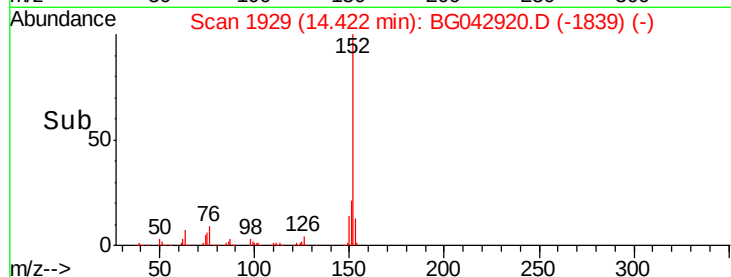
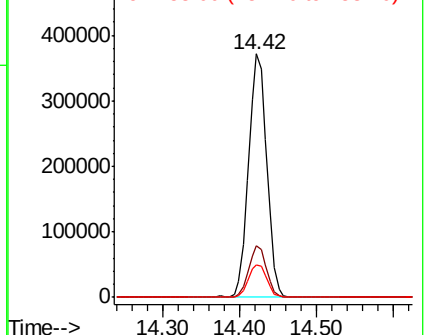
152 100

151 21.1 16.9 25.3

153 13.3 10.9 16.3



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



#50

Dimethylphthalate

Concen: 39.114 ng

RT: 14.16 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

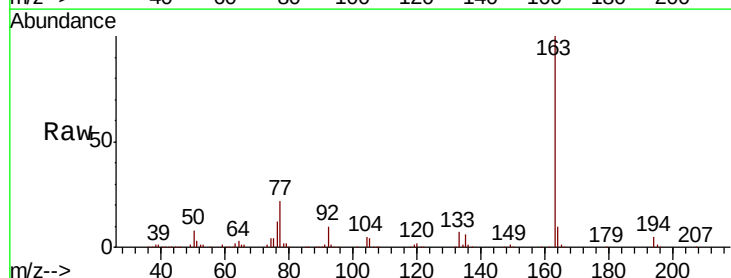
Tgt Ion:163 Resp: 517128

Ion Ratio Lower Upper

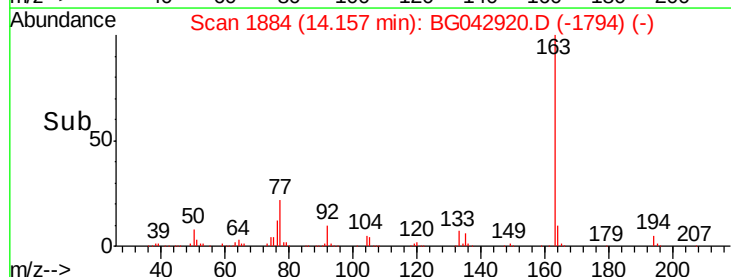
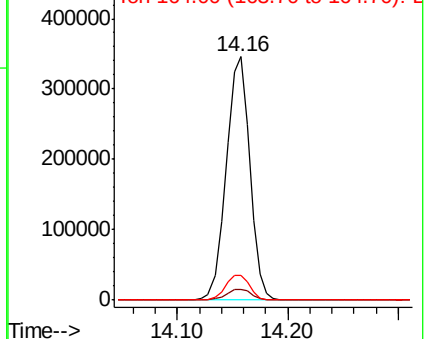
163 100

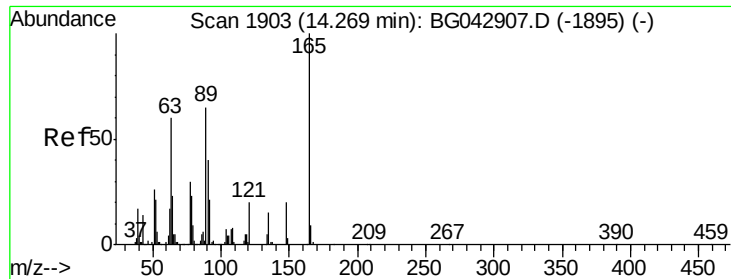
194 4.6 3.8 5.6

164 9.9 8.4 12.6



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

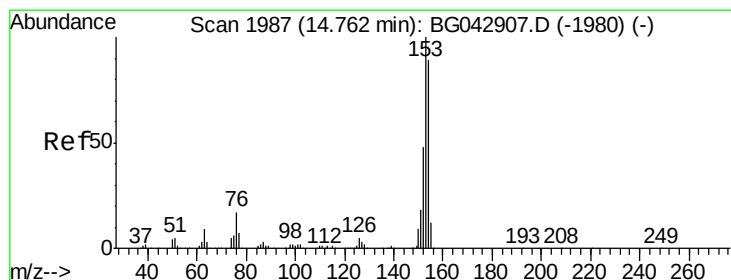
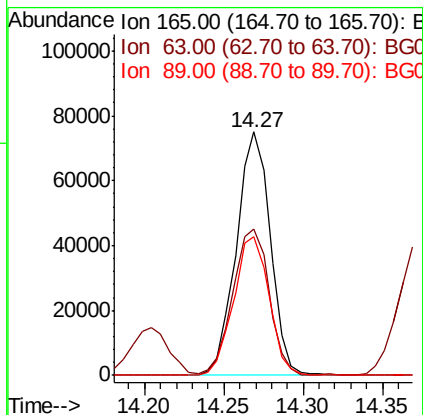
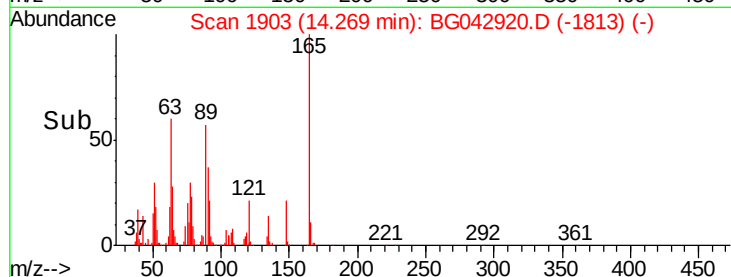
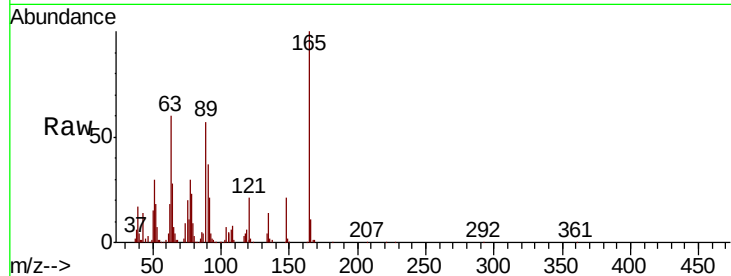




#51  
 2,6-Dinitrotoluene  
 Concen: 39.598 ng  
 RT: 14.27 min Scan# 1903  
 Delta R.T. 0.00 min  
 Lab File: BG042920.D  
 Acq: 23 Sep 2019 19:42

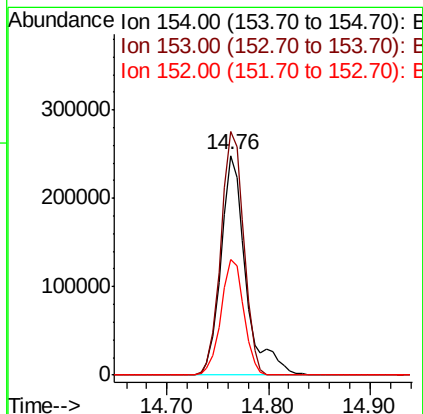
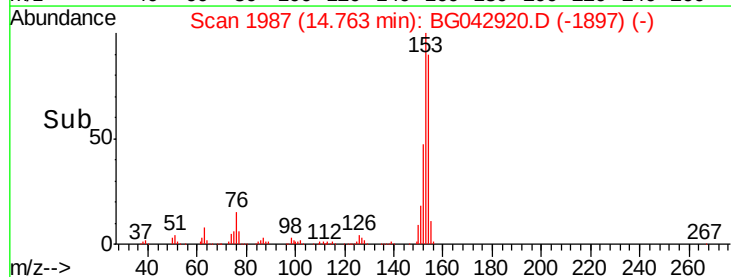
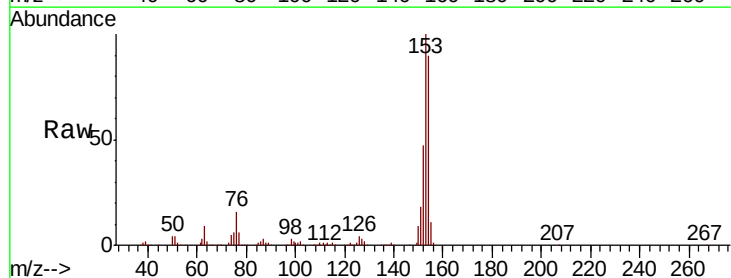
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

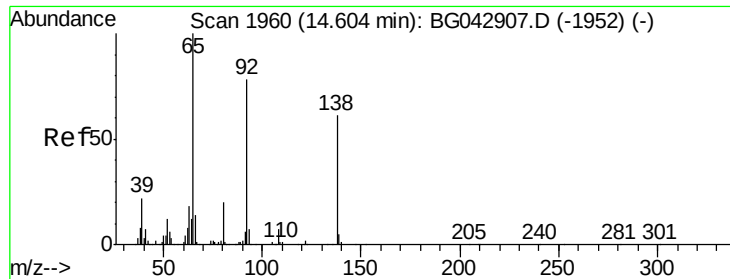
Tot Ion:165 Resp: 111513  
 Ion Ratio Lower Upper  
 165 100  
 63 60.0 52.6 79.0  
 89 56.8 52.2 78.4



#52  
 Acenaphthene  
 Concen: 40.630 ng  
 RT: 14.76 min Scan# 1987  
 Delta R.T. 0.00 min  
 Lab File: BG042920.D  
 Acq: 23 Sep 2019 19:42

Tgt Ion:154 Resp: 422462  
 Ion Ratio Lower Upper  
 154 100  
 153 110.9 89.9 134.9  
 152 52.4 42.7 64.1

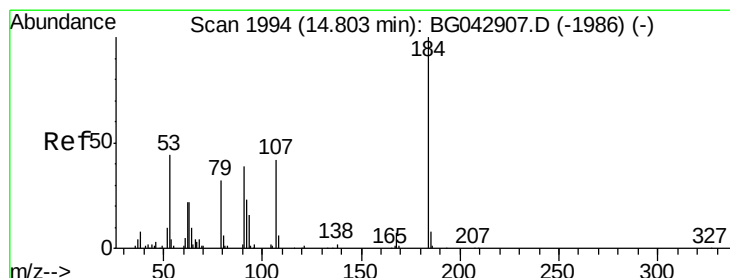
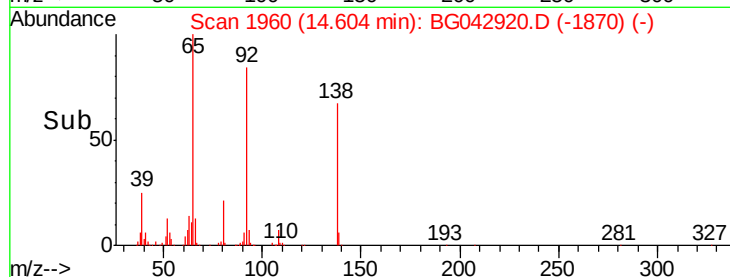
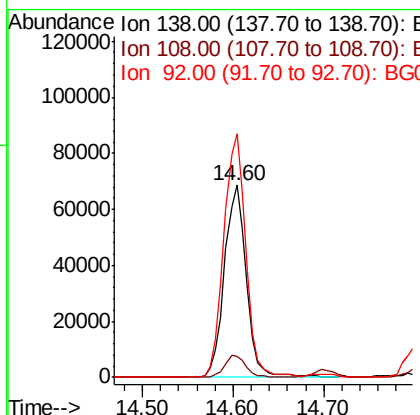
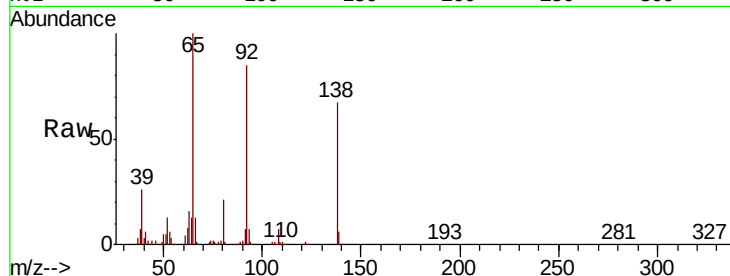




#53  
 3-Nitroaniline  
 Concen: 39.009 ng  
 RT: 14.60 min Scan# 1960  
 Delta R.T. 0.00 min  
 Lab File: BG042920.D  
 Acq: 23 Sep 2019 19:42

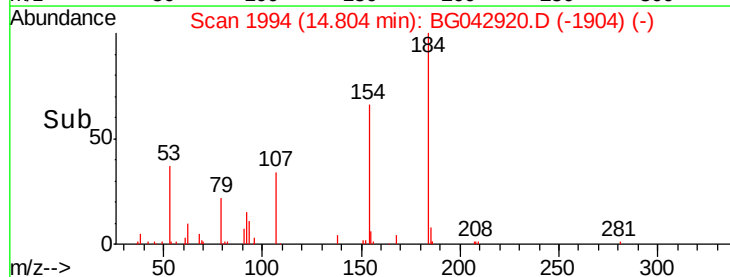
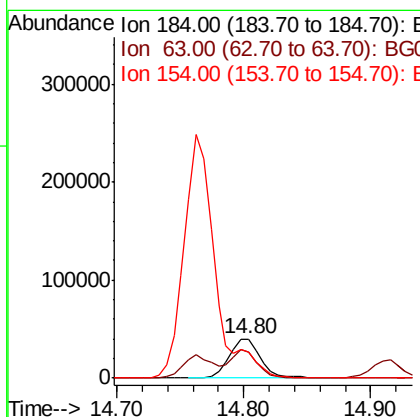
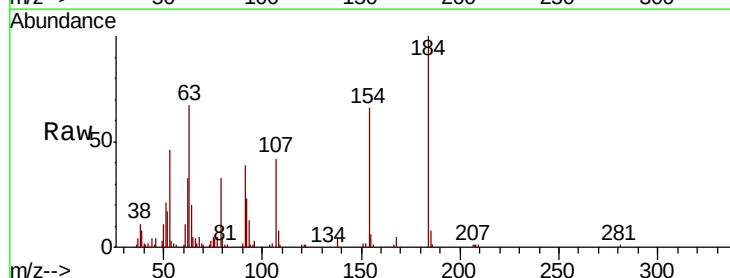
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

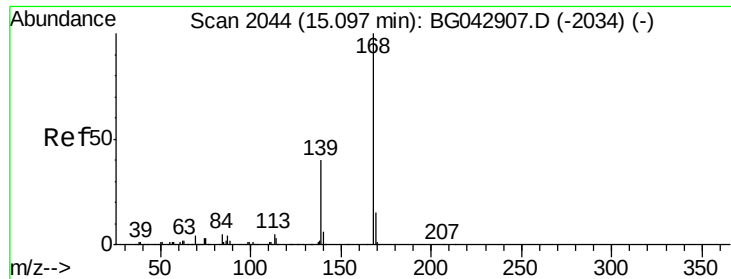
Tot Ion:138 Resp: 115462  
 Ion Ratio Lower Upper  
 138 100  
 108 10.9 9.7 14.5  
 92 126.6 103.0 154.6



#54  
 2,4-Dinitrophenol  
 Concen: 41.267 ng  
 RT: 14.80 min Scan# 1994  
 Delta R.T. 0.00 min  
 Lab File: BG042920.D  
 Acq: 23 Sep 2019 19:42

Tgt Ion:184 Resp: 68472  
 Ion Ratio Lower Upper  
 184 100  
 63 66.9 55.0 82.4  
 154 65.7 54.2 81.4

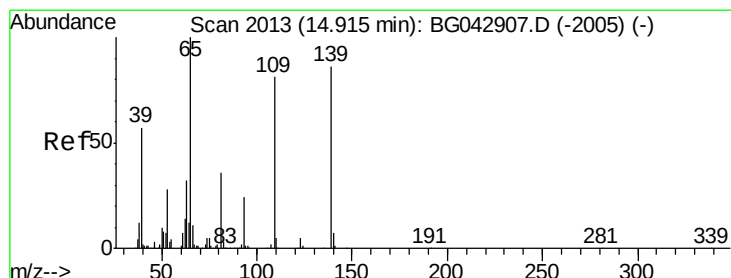
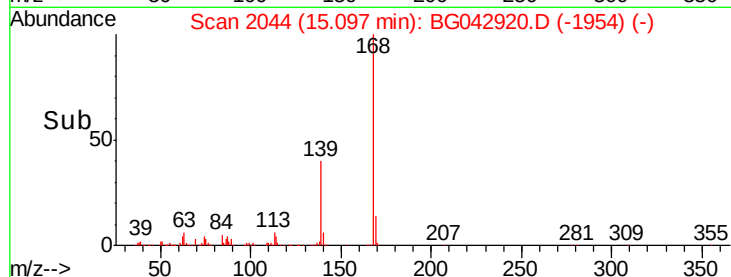
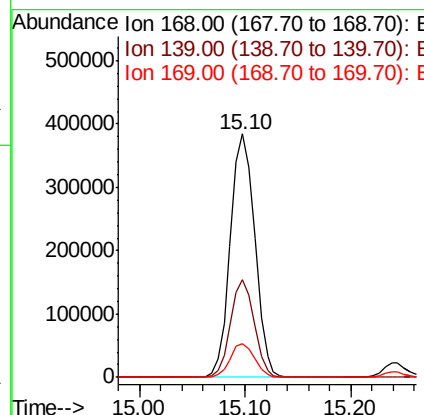
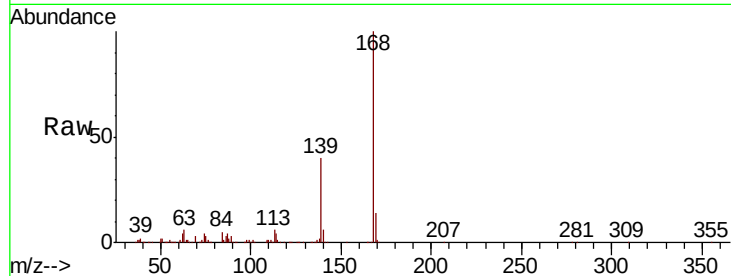




#55  
Dibenzofuran  
Concen: 40.001 ng  
RT: 15.10 min Scan# 2044  
Delta R.T. 0.00 min  
Lab File: BG042920.D  
Acq: 23 Sep 2019 19:42

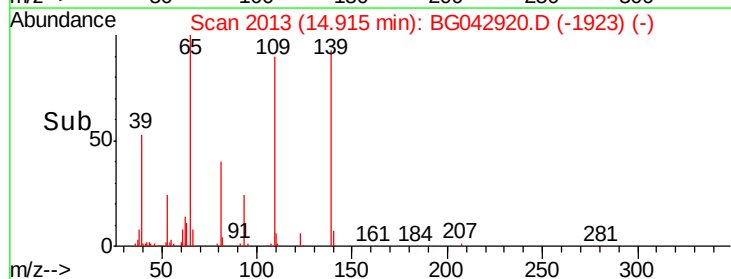
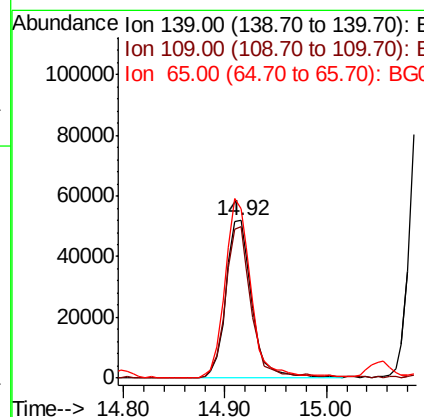
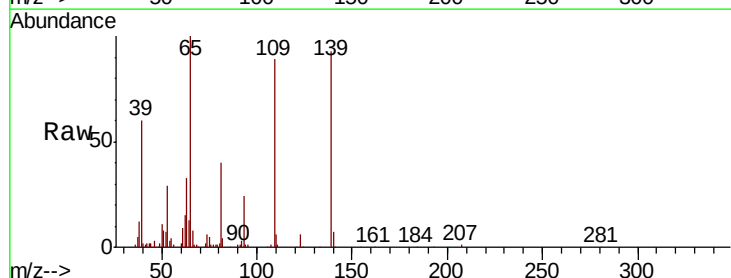
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 40.1  | 32.4  | 48.6  |
| 169     | 14.0  | 11.6  | 17.4  |

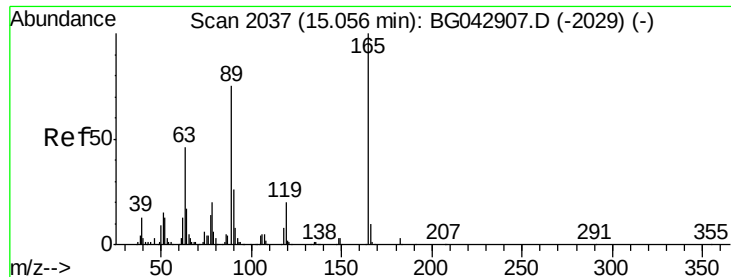


#56  
4-Nitrophenol  
Concen: 41.043 ng  
RT: 14.92 min Scan# 1313  
Delta R.T. 0.00 min  
Lab File: BG042920.D  
Acq: 23 Sep 2019 19:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 96.2  | 73.4  | 113.4 |
| 65      | 107.8 | 96.0  | 136.0 |



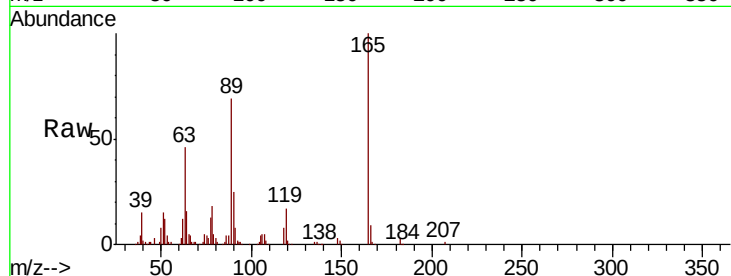




#57  
 2,4-Dinitrotoluene  
 Concen: 40.523 ng  
 RT: 15.06 min Scan# 2037  
 Delta R.T. 0.00 min  
 Lab File: BG042920.D  
 Acq: 23 Sep 2019 19:42

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 45.9  | 37.4  | 56.0  |
| 89      | 68.9  | 59.8  | 89.8  |
| 182     | 2.5   | 2.3   | 3.5   |



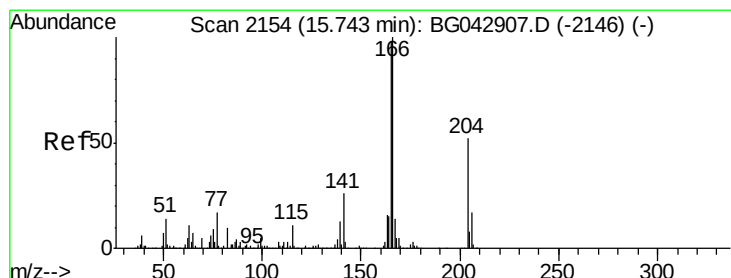
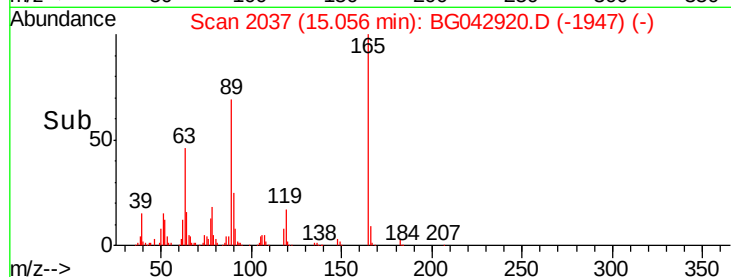
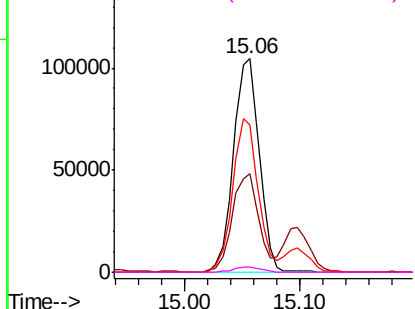
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

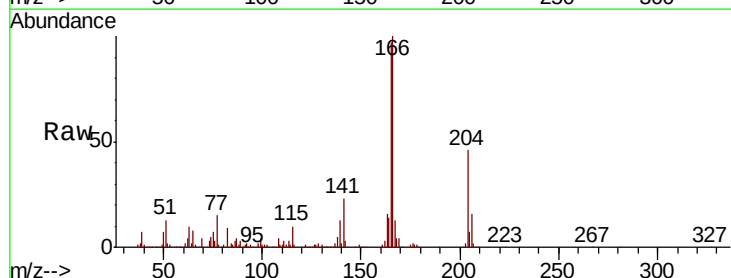
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58  
 Fluorene  
 Concen: 39.314 ng  
 RT: 15.74 min Scan# 2154  
 Delta R.T. 0.00 min  
 Lab File: BG042920.D  
 Acq: 23 Sep 2019 19:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 96.9  | 78.2  | 117.2 |
| 167     | 13.5  | 10.9  | 16.3  |

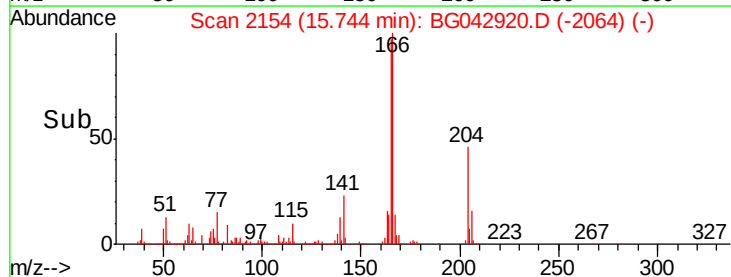
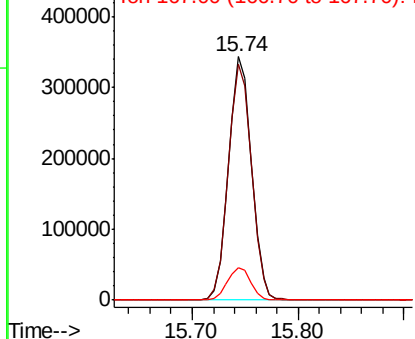


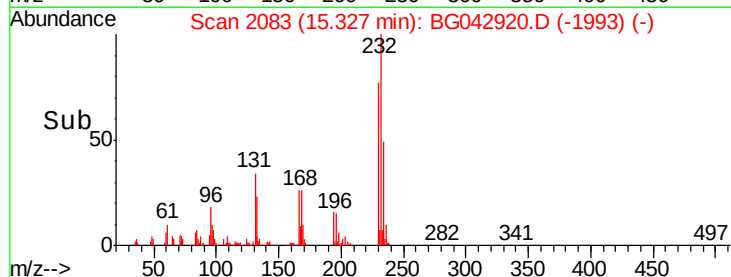
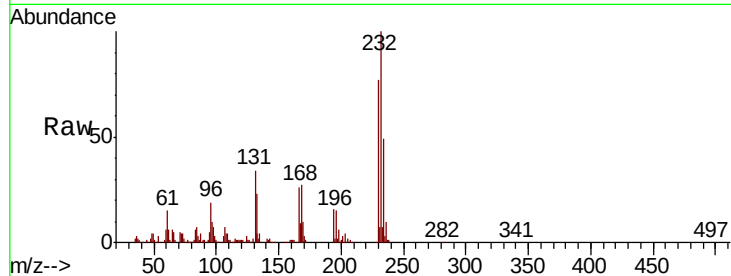
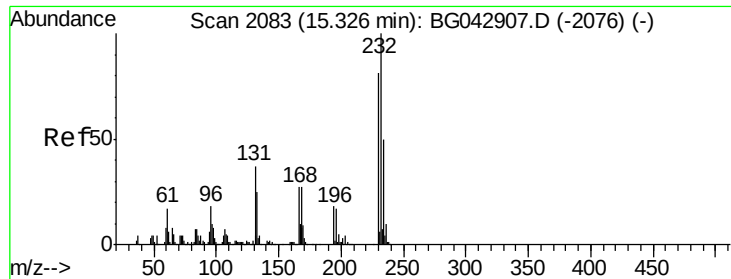
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

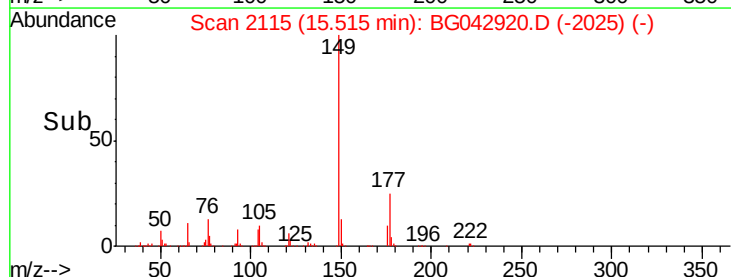
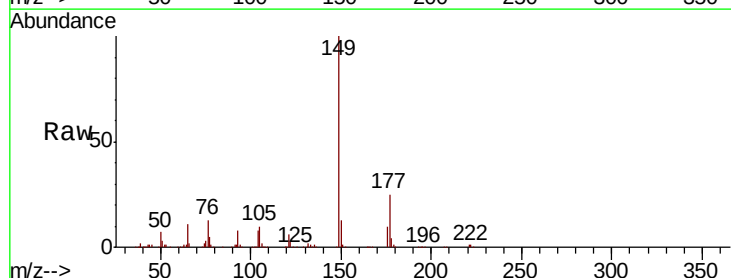
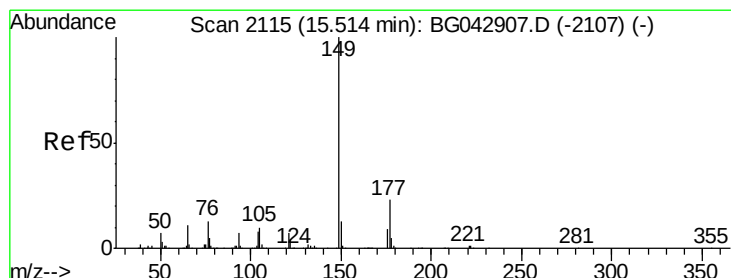
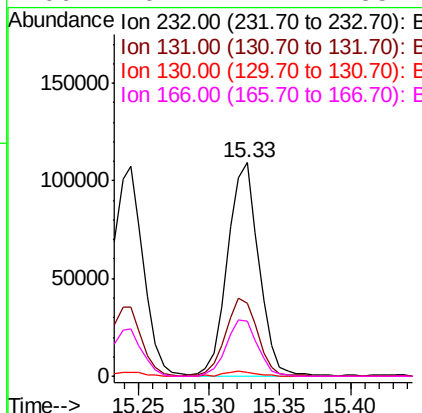




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.991 ng  
RT: 15.33 min Scan# 2083  
Delta R.T. 0.00 min  
Lab File: BG042920.D  
Acq: 23 Sep 2019 19:42

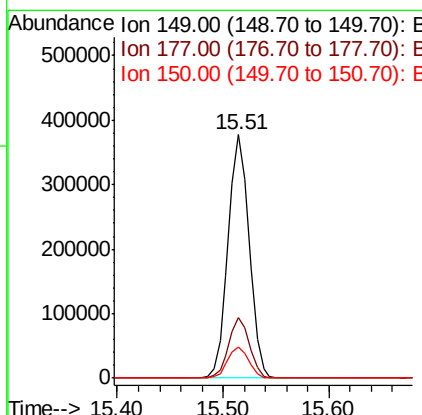
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

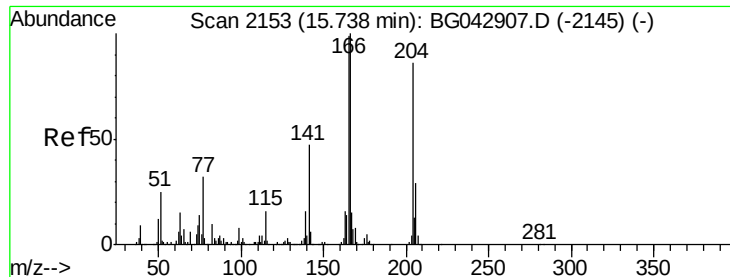
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:232 | Resp: | 169251    |
| Ion Ratio   | Lower | Upper     |
| 232         | 100   |           |
| 131         | 36.9  | 30.7 46.1 |
| 130         | 2.3   | 2.0 3.0   |
| 166         | 26.7  | 22.1 33.1 |



#60  
Diethylphthalate  
Concen: 38.915 ng  
RT: 15.51 min Scan# 2115  
Delta R.T. 0.00 min  
Lab File: BG042920.D  
Acq: 23 Sep 2019 19:42

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 519124    |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 177         | 24.9  | 18.4 27.6 |
| 150         | 12.8  | 10.2 15.2 |

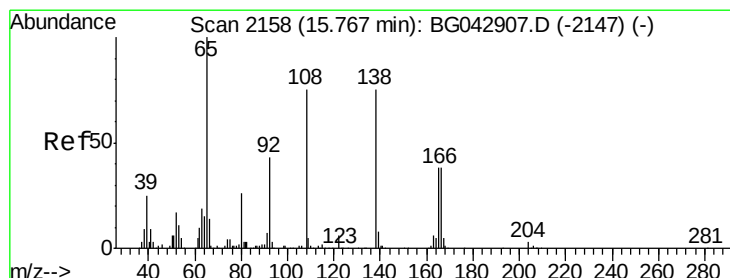
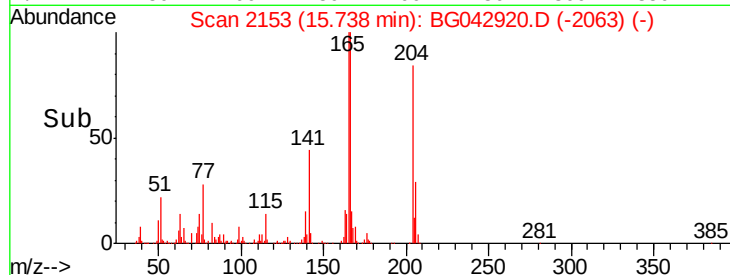
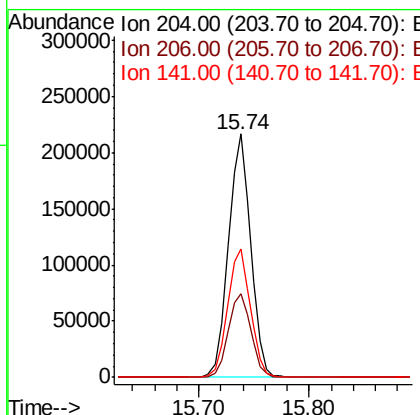
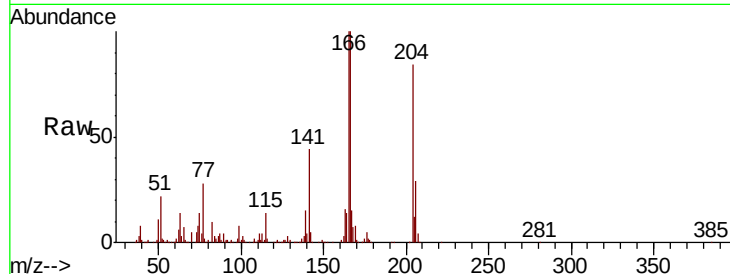




#61  
 4-Chlorophenyl-phenylether  
 Concen: 39.614 ng  
 RT: 15.74 min Scan# 2153  
 Delta R.T. 0.00 min  
 Lab File: BG042920.D  
 Acq: 23 Sep 2019 19:42

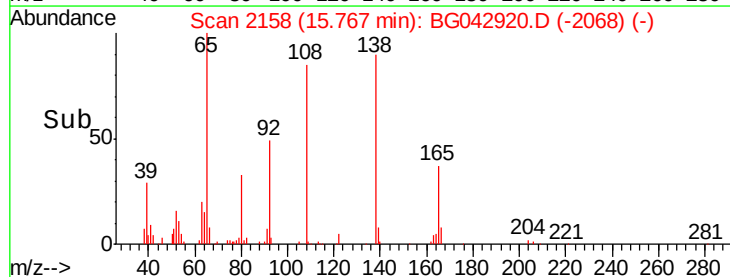
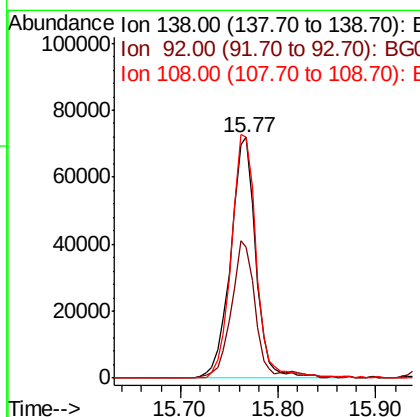
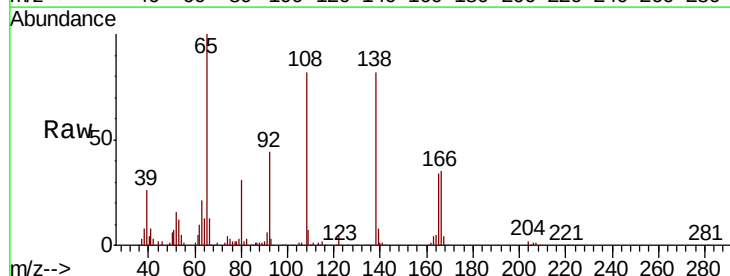
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

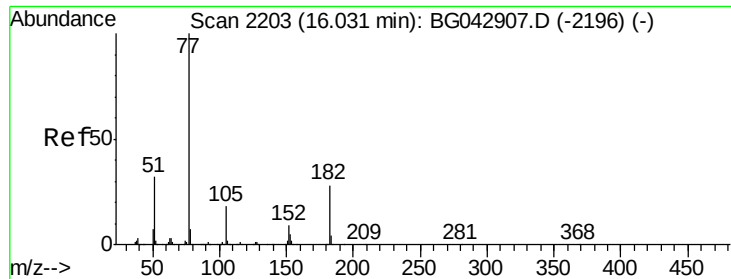
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.2  | 27.4  | 41.0  |
| 141     | 52.7  | 43.7  | 65.5  |



#62  
 4-Nitroaniline  
 Concen: 40.120 ng  
 RT: 15.77 min Scan# 2158  
 Delta R.T. 0.00 min  
 Lab File: BG042920.D  
 Acq: 23 Sep 2019 19:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 54.4  | 37.3  | 77.3  |
| 108     | 100.2 | 80.7  | 120.7 |





#63

Azobenzene

Concen: 37.855 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 485254

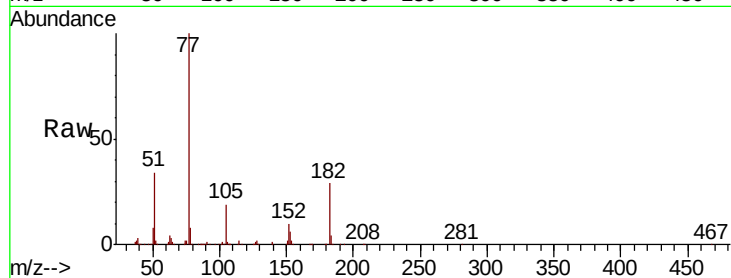
Ion Ratio Lower Upper

77 100

182 28.7 7.9 47.9

105 18.9 0.0 38.2

51 33.7 12.5 52.5

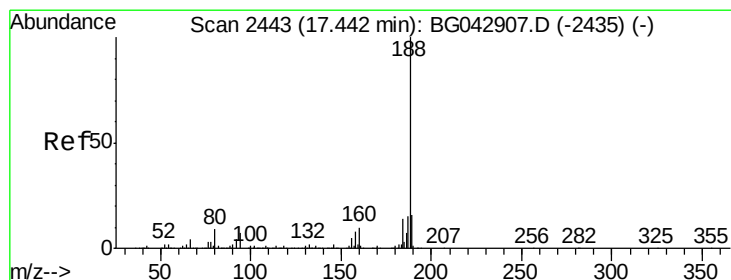
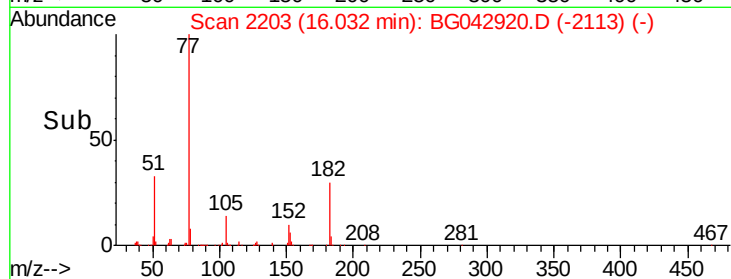
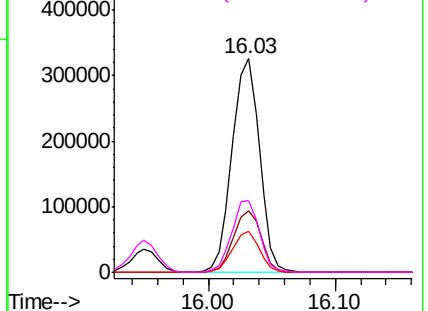


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

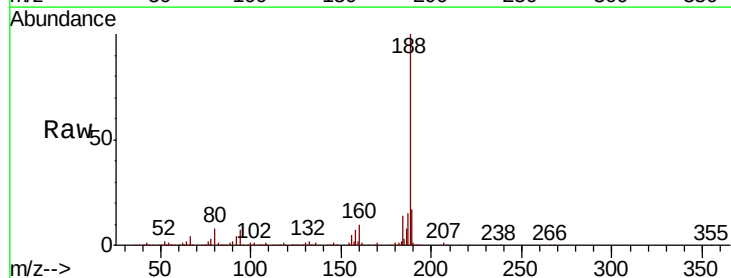
Tgt Ion: 188 Resp: 423565

Ion Ratio Lower Upper

188 100

94 6.7 5.7 8.5

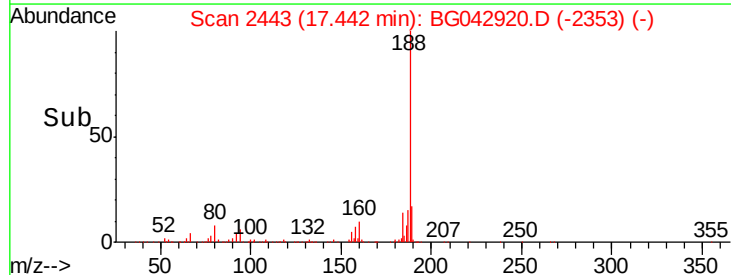
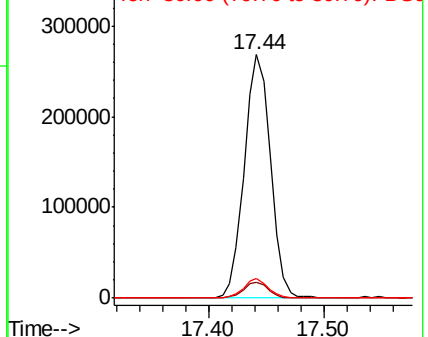
80 7.8 6.9 10.3

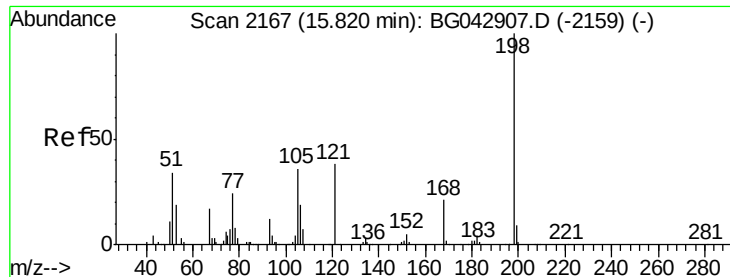


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

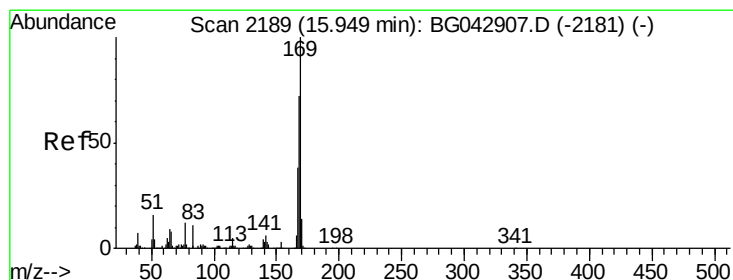
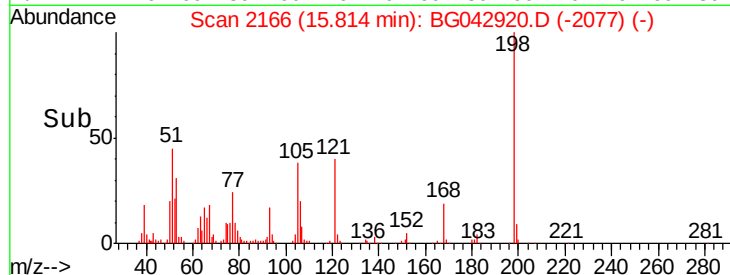
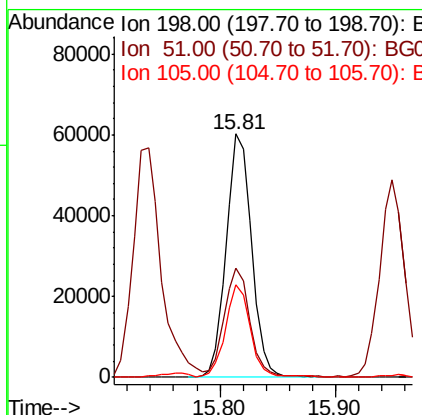
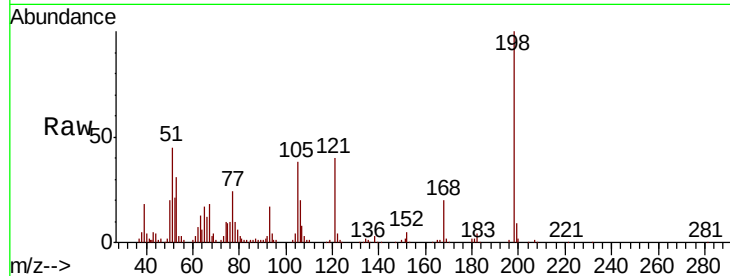




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 41.001 ng  
 RT: 15.81 min Scan# 2166  
 Delta R.T. -0.01 min  
 Lab File: BG042920.D  
 Acq: 23 Sep 2019 19:42

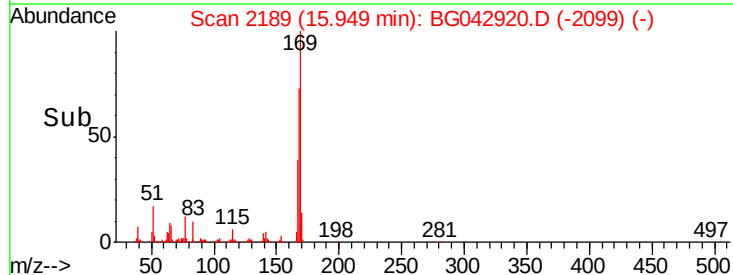
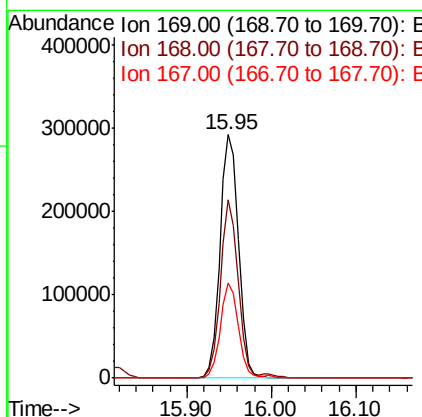
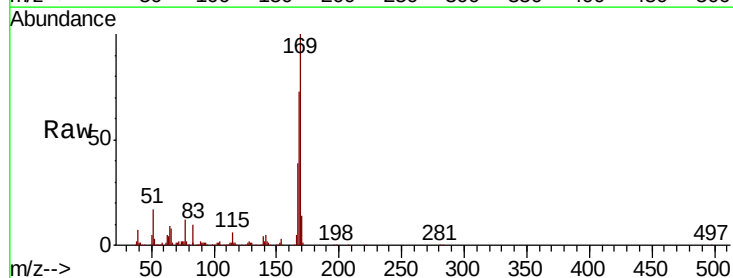
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

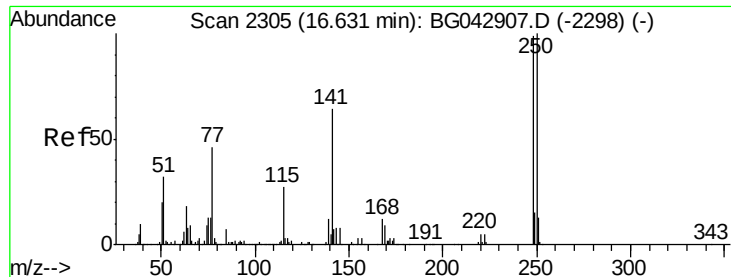
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 44.8  | 21.9  | 61.9  |
| 105     | 38.1  | 17.7  | 57.7  |



#66  
 n-Nitrosodiphenylamine  
 Concen: 39.050 ng  
 RT: 15.95 min Scan# 2189  
 Delta R.T. 0.00 min  
 Lab File: BG042920.D  
 Acq: 23 Sep 2019 19:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 73.0  | 57.4  | 86.2  |
| 167     | 39.1  | 30.3  | 45.5  |





#67

4-Bromophenyl-phenylether

Concen: 40.301 ng

RT: 16.63 min Scan# 2305

Delta R.T. 0.00 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

Instrument :

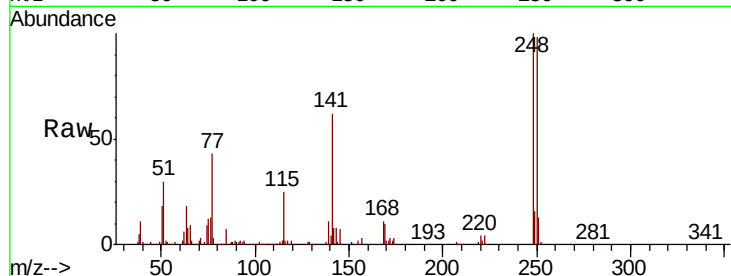
BNA\_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:248 Resp: 210010

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 248 | 100   |       |       |
| 250 | 97.6  | 80.8  | 121.2 |
| 141 | 61.9  | 51.8  | 77.6  |

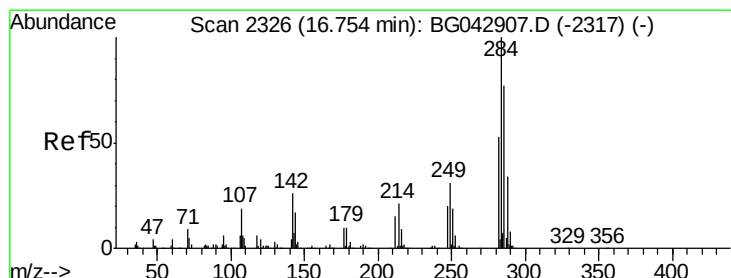
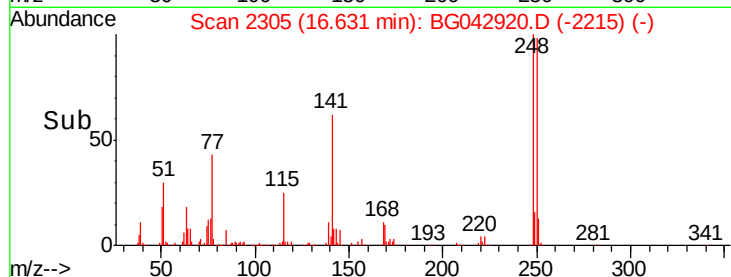
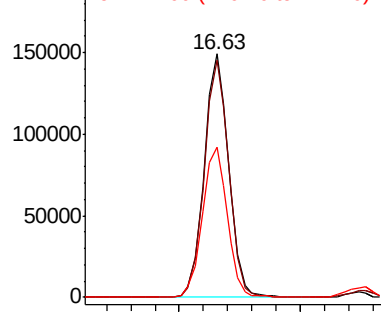


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 40.531 ng

RT: 16.75 min Scan# 2325

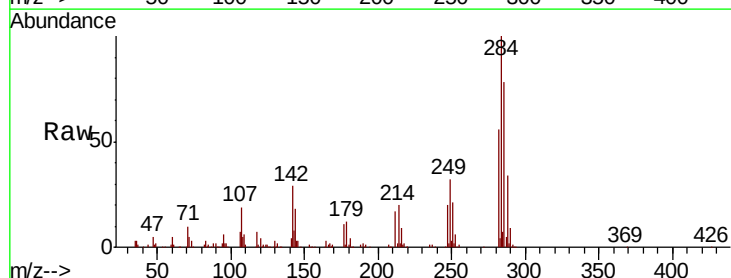
Delta R.T. -0.01 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

Tgt Ion:284 Resp: 233003

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 284 | 100   |       |       |
| 142 | 29.5  | 21.1  | 31.7  |
| 249 | 31.8  | 24.8  | 37.2  |

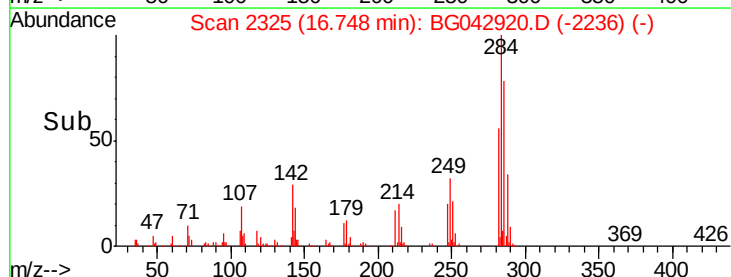
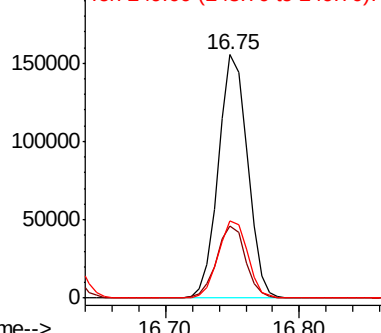


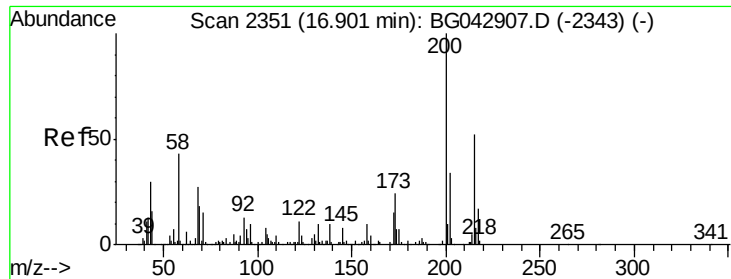
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

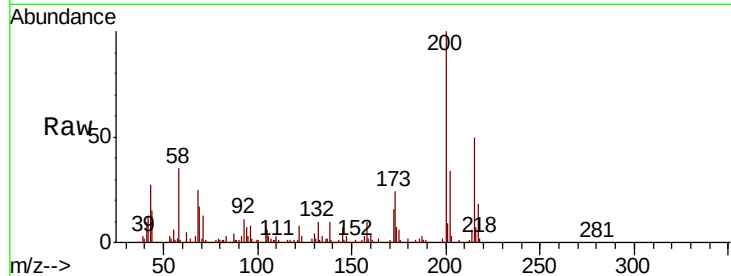




#69  
Atrazine  
Concen: 40.180 ng  
RT: 16.90 min Scan# 2351  
Delta R.T. 0.00 min  
Lab File: BG042920.D  
Acq: 23 Sep 2019 19:42

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 24.3  | 4.2   | 44.2  |
| 215     | 50.2  | 32.5  | 72.5  |

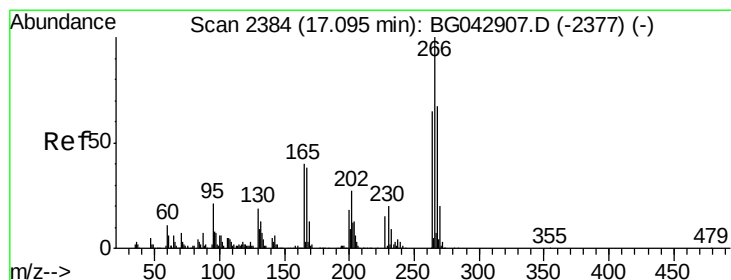
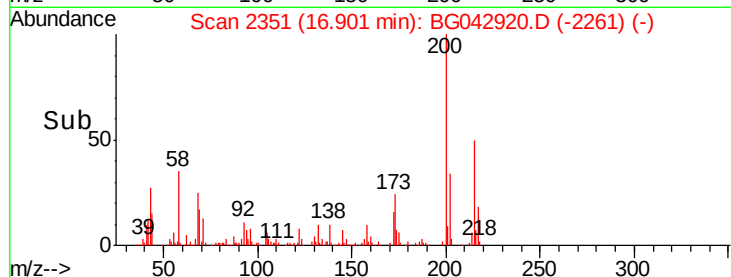
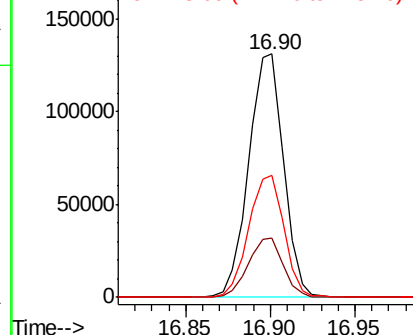


Abundance

Ion 200.00 (199.70 to 200.70): E

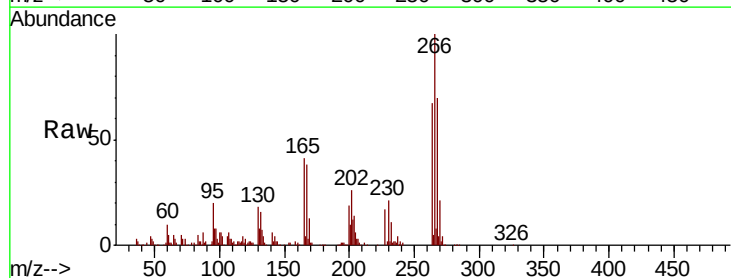
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70  
Pentachlorophenol  
Concen: 40.638 ng  
RT: 17.10 min Scan# 2384  
Delta R.T. 0.00 min  
Lab File: BG042920.D  
Acq: 23 Sep 2019 19:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 70.4  | 53.6  | 80.4  |
| 264     | 66.6  | 51.7  | 77.5  |

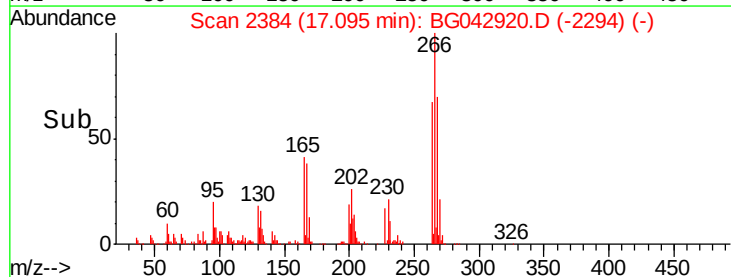
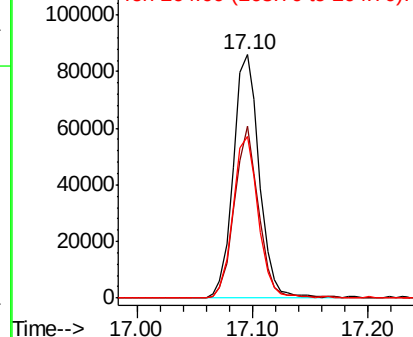


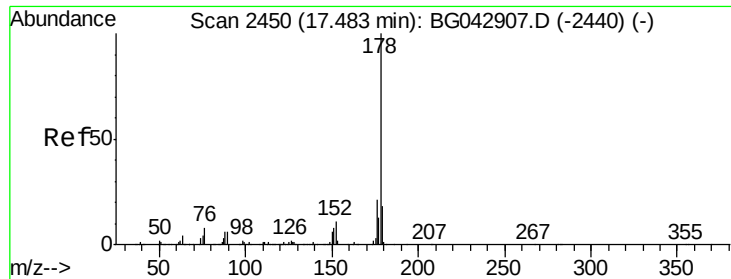
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

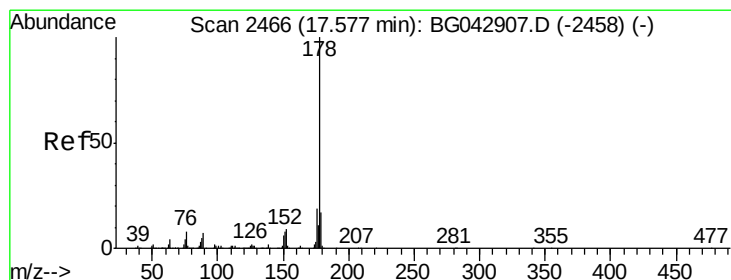
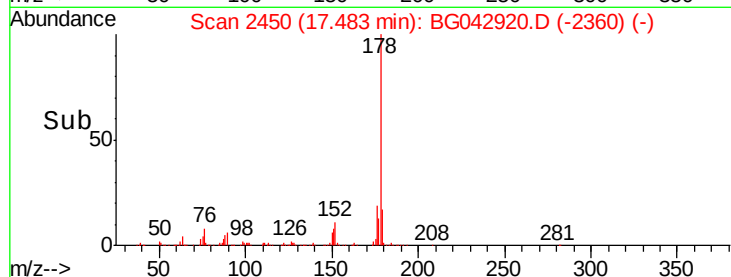
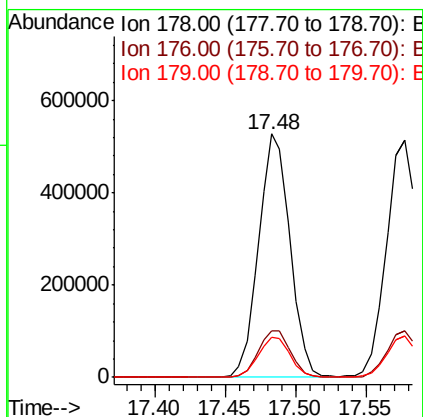
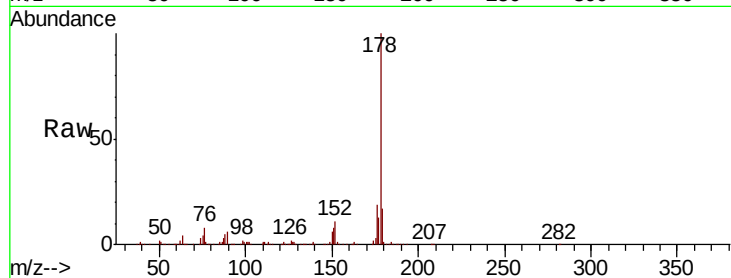




#71  
Phenanthrene  
Concen: 40.074 ng  
RT: 17.48 min Scan# 2450  
Delta R.T. 0.00 min  
Lab File: BG042920.D  
Acq: 23 Sep 2019 19:42

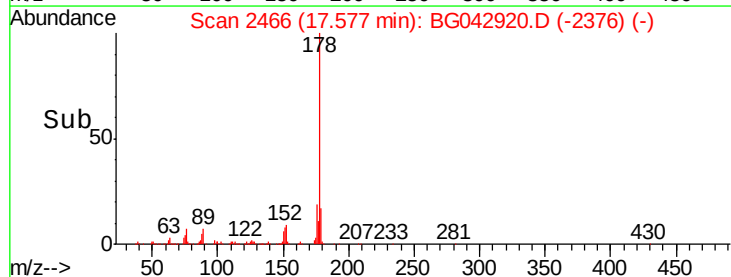
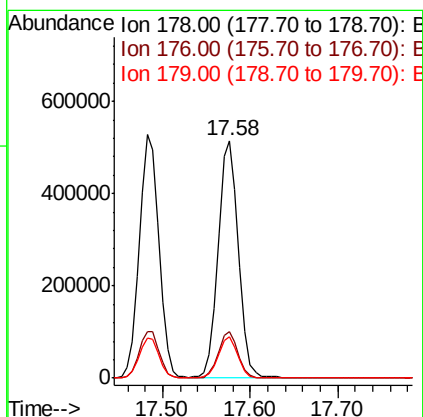
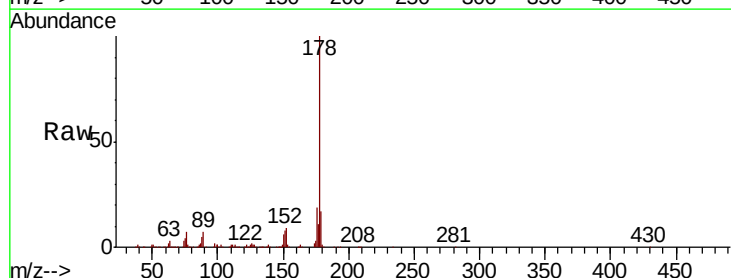
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.3  | 16.9  | 25.3  |
| 179     | 16.6  | 14.4  | 21.6  |

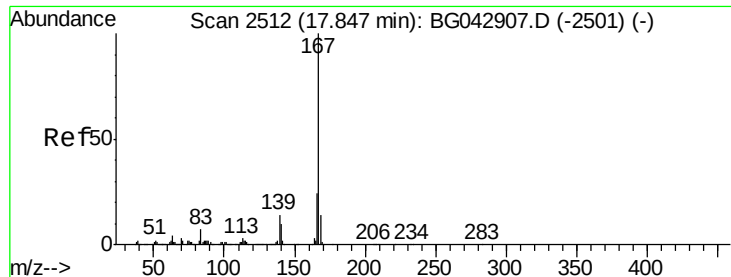


#72  
Anthracene  
Concen: 40.287 ng  
RT: 17.58 min Scan# 2466  
Delta R.T. 0.00 min  
Lab File: BG042920.D  
Acq: 23 Sep 2019 19:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.4  | 15.3  | 22.9  |
| 179     | 17.3  | 13.6  | 20.4  |







#73

Carbazole

Concen: 39.954 ng

RT: 17.84 min Scan# 2511

Delta R.T. -0.01 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

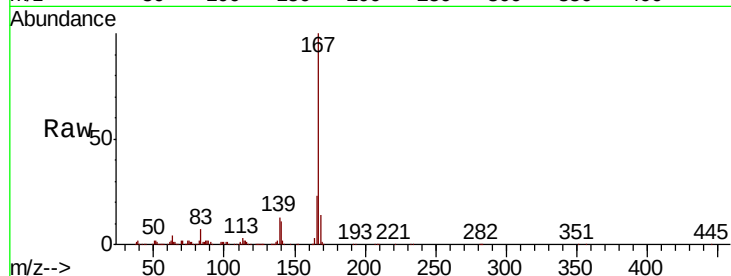
Tot Ion:167 Resp: 762301

Ion Ratio Lower Upper

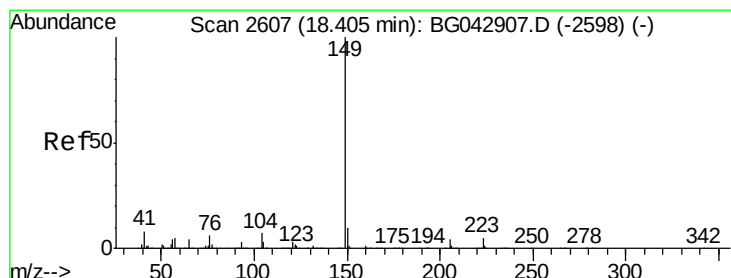
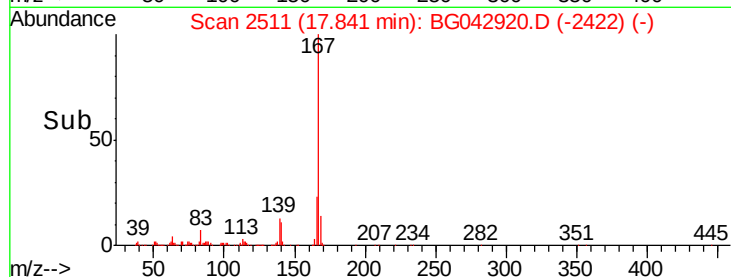
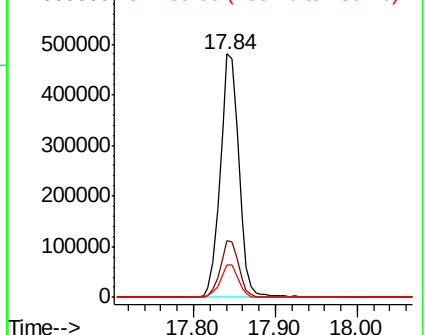
167 100

166 23.1 19.3 28.9

139 13.4 11.0 16.4



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



#74

Di-n-butylphthalate

Concen: 40.326 ng

RT: 18.41 min Scan# 2607

Delta R.T. 0.00 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

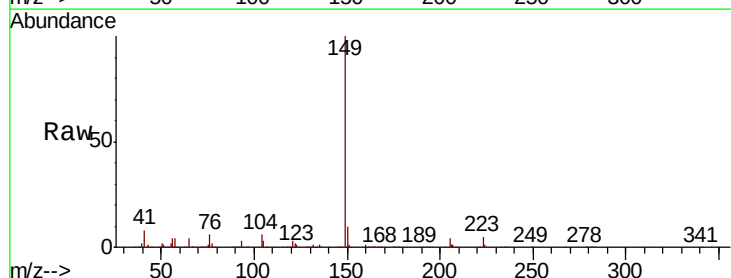
Tgt Ion:149 Resp: 895749

Ion Ratio Lower Upper

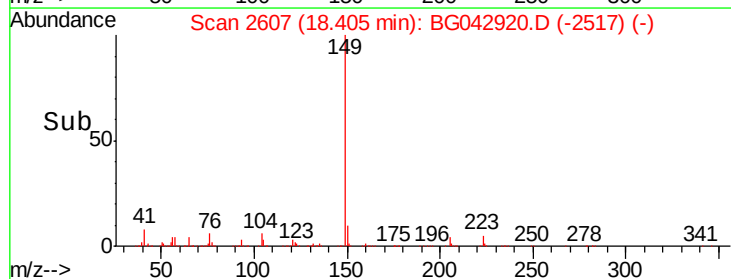
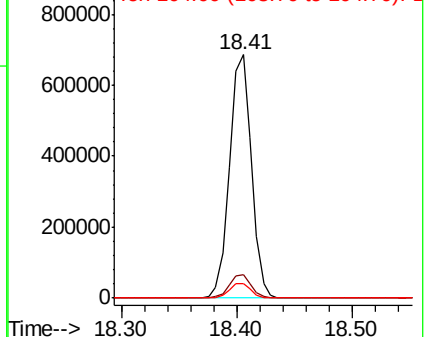
149 100

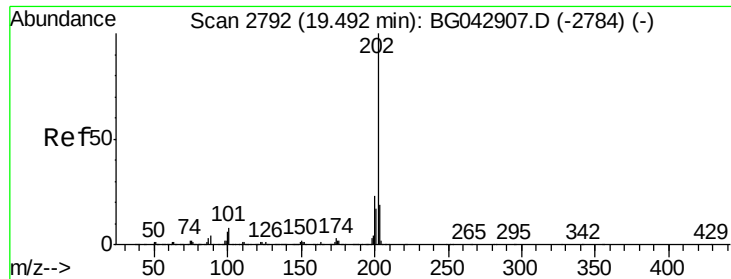
150 9.7 8.1 12.1

104 6.2 5.2 7.8



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.131 ng

RT: 19.49 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

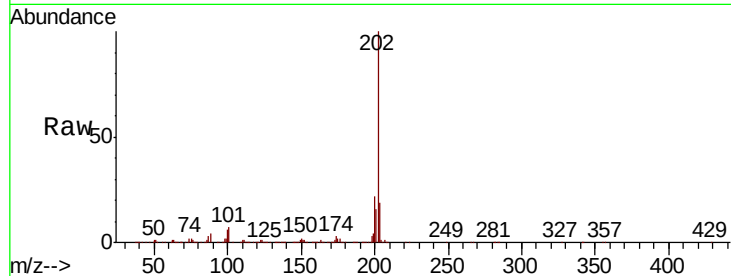
Tot Ion:202 Resp: 1072181

Ion Ratio Lower Upper

202 100

101 7.2 0.0 27.7

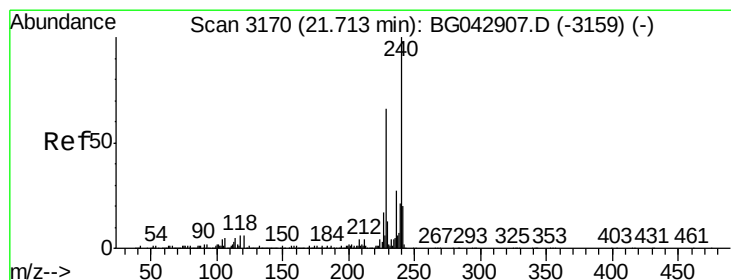
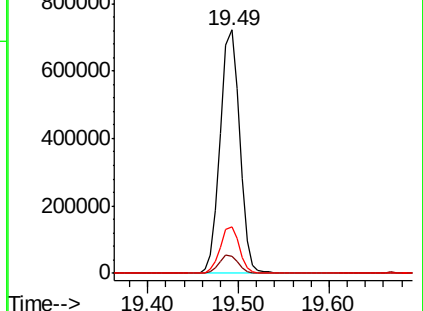
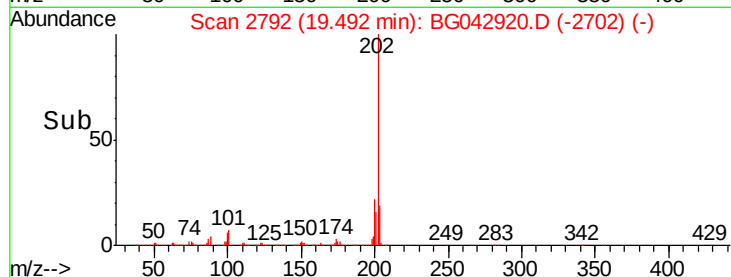
203 19.0 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3171

Delta R.T. 0.01 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

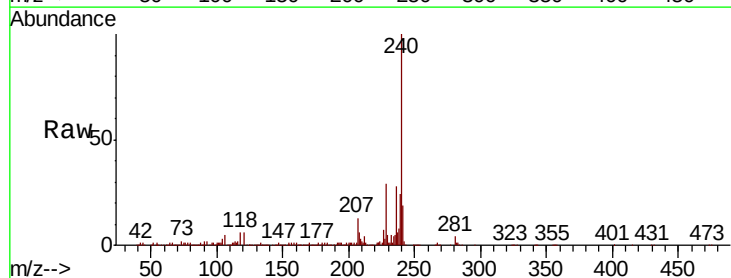
Tgt Ion:240 Resp: 467572

Ion Ratio Lower Upper

240 100

120 5.7 5.2 7.8

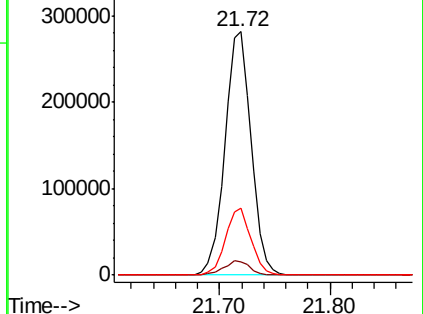
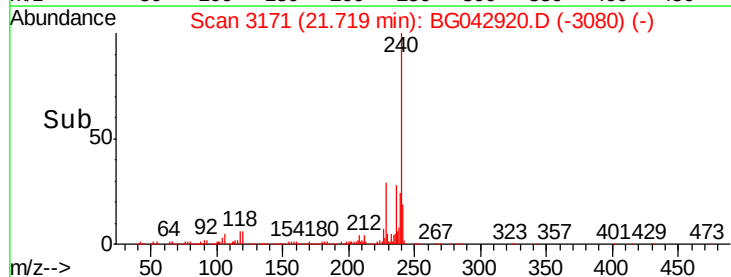
236 27.7 21.7 32.5

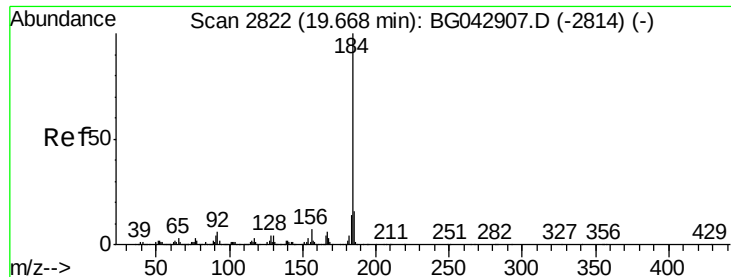


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.818 ng

RT: 19.67 min Scan# 2822

Delta R.T. 0.00 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

Instrument :

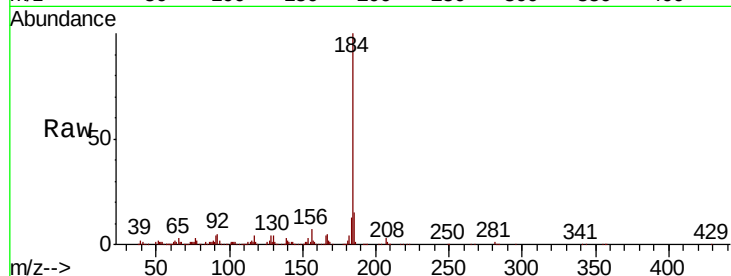
BNA\_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:184 Resp: 516814

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.6  | 12.6  | 19.0  |
| 183 | 12.8  | 10.9  | 16.3  |

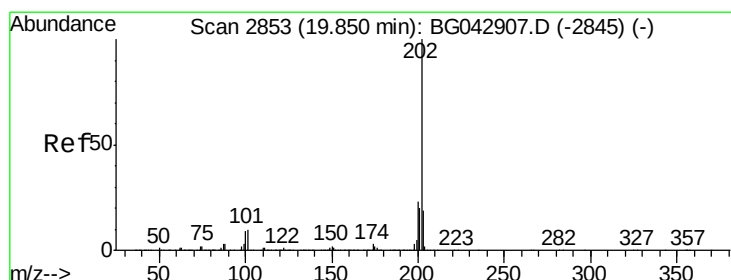
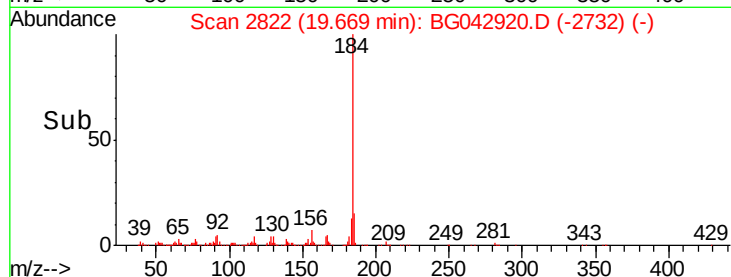
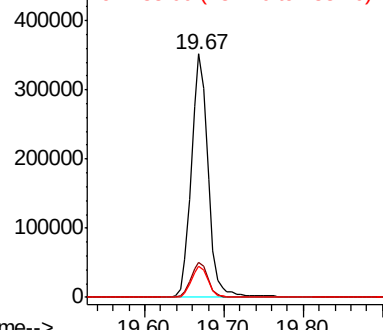


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.356 ng

RT: 19.85 min Scan# 2853

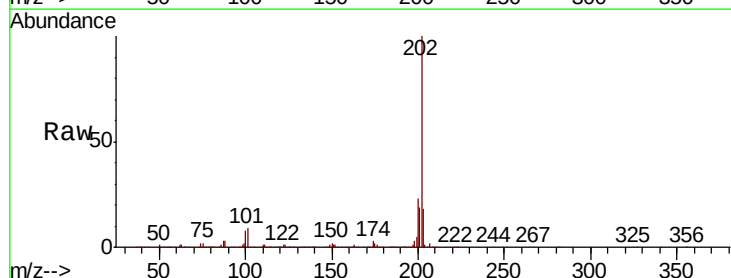
Delta R.T. 0.00 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

Tgt Ion:202 Resp: 1097477

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 22.6  | 18.5  | 27.7  |
| 203 | 18.5  | 15.4  | 23.2  |

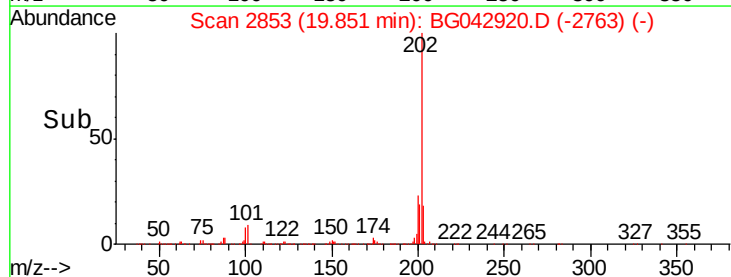
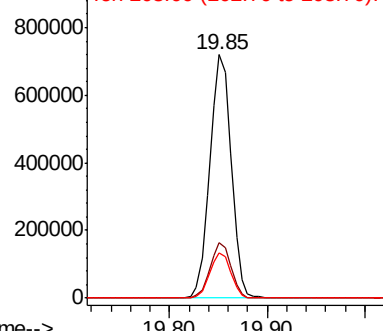


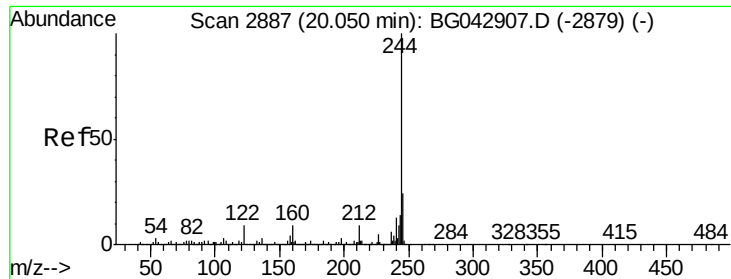
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.043 ng

RT: 20.05 min Scan# 2887

Delta R.T. 0.00 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

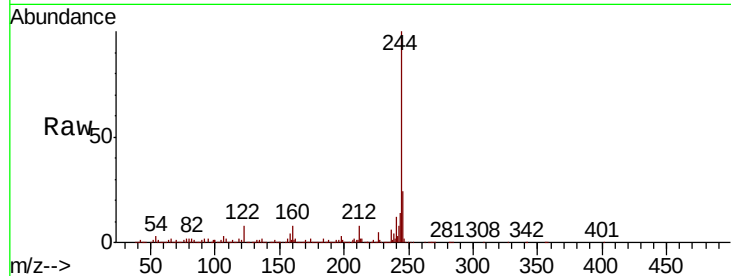
Tot Ion:244 Resp: 1816346

Ion Ratio Lower Upper

244 100

212 8.4 7.1 10.7

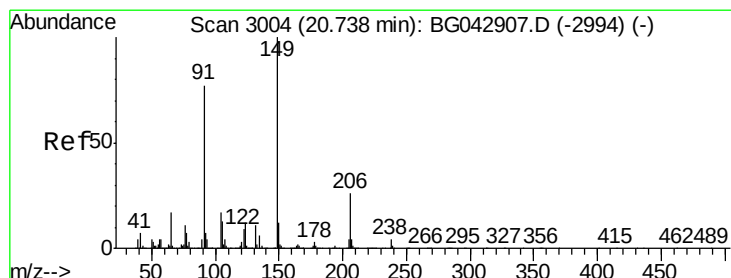
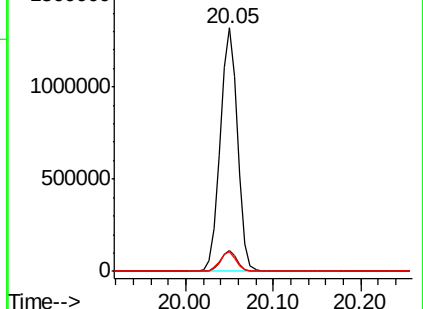
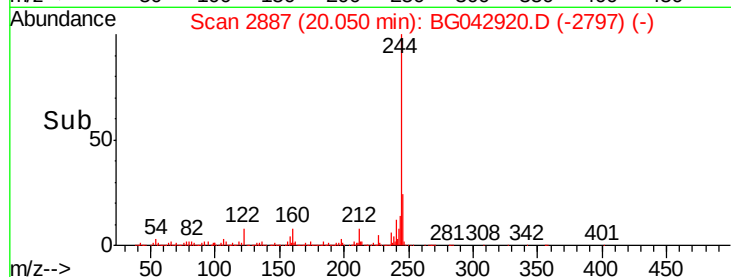
122 7.9 6.9 10.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.650 ng

RT: 20.74 min Scan# 3004

Delta R.T. 0.00 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

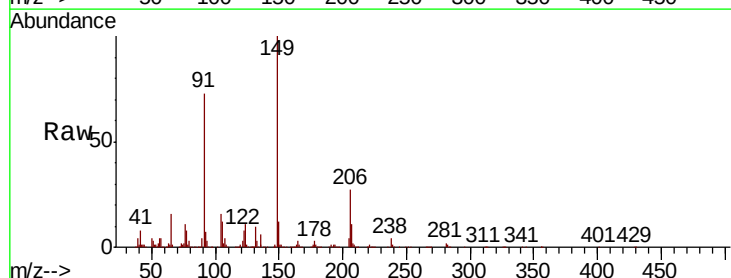
Tgt Ion:149 Resp: 416203

Ion Ratio Lower Upper

149 100

91 73.2 61.4 92.2

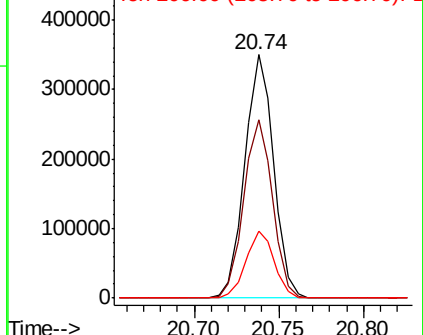
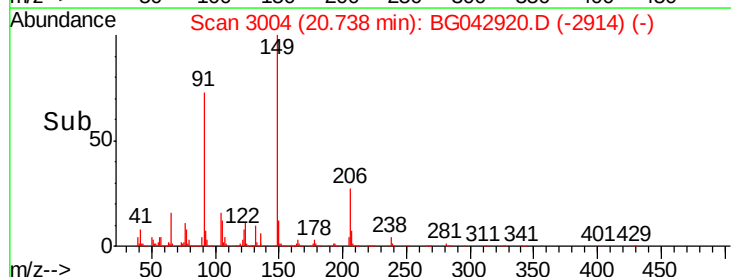
206 27.4 21.0 31.6

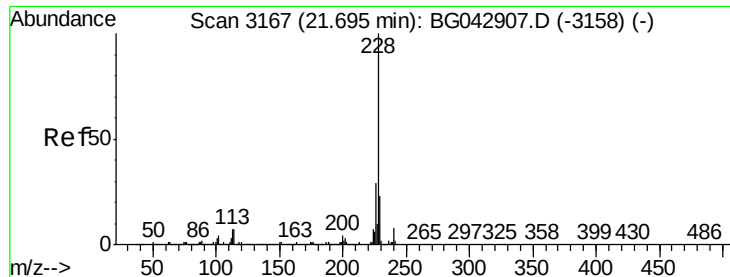


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.021 ng

RT: 21.70 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

Instrument :

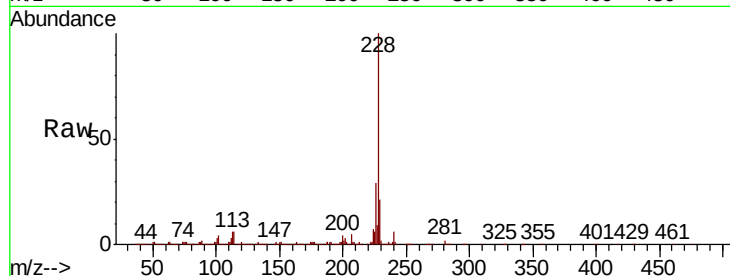
BNA\_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:228 Resp: 1152442

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 28.8  | 23.3  | 34.9  |
| 229 | 21.4  | 18.0  | 27.0  |

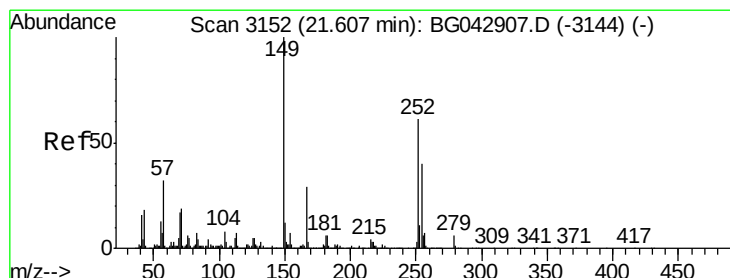
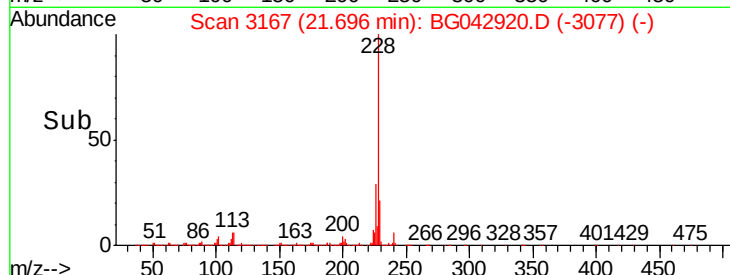
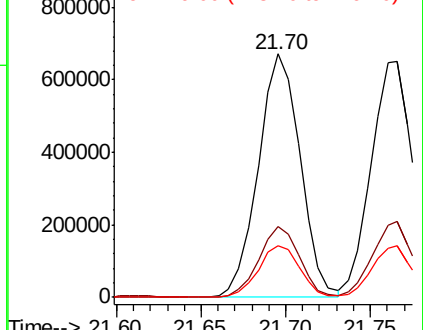


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.184 ng

RT: 21.61 min Scan# 3153

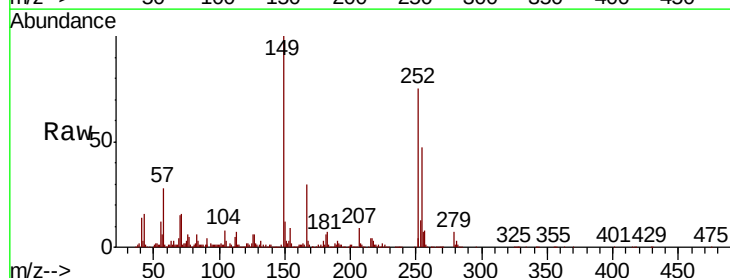
Delta R.T. 0.01 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

Tgt Ion:252 Resp: 460893

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 62.6  | 52.1  | 78.1  |
| 126 | 7.5   | 5.9   | 8.9   |

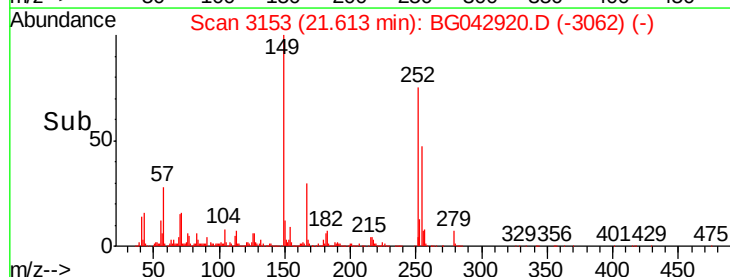
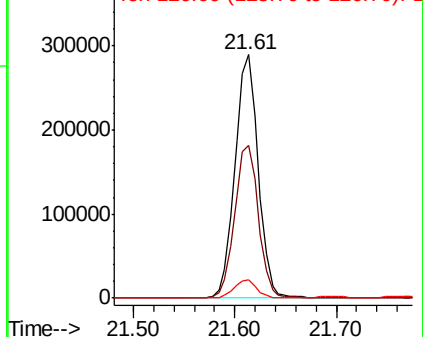


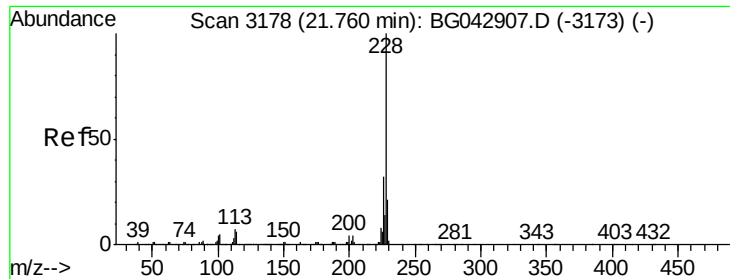
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.330 ng

RT: 21.77 min Scan# 3179

Delta R.T. 0.01 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

Instrument :

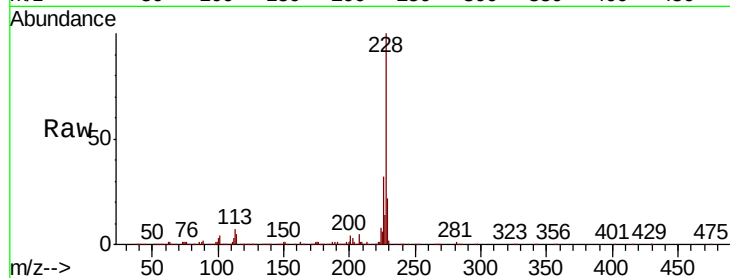
BNA\_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:228 Resp: 1123036

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 31.9  | 25.3  | 37.9  |
| 229 | 21.6  | 16.5  | 24.7  |

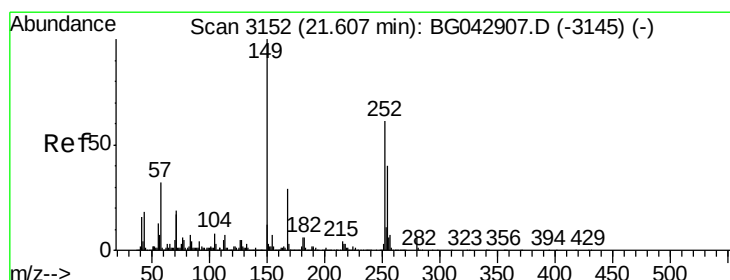
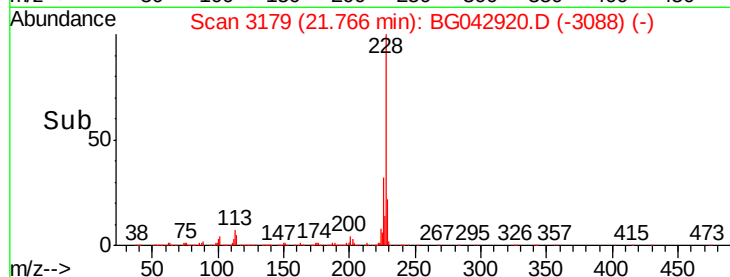
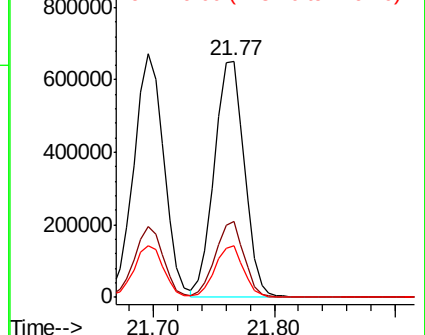


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.386 ng

RT: 21.61 min Scan# 3152

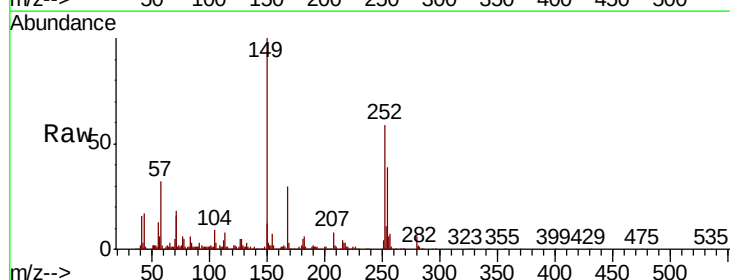
Delta R.T. 0.00 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

Tgt Ion:149 Resp: 599846

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 30.1  | 23.4  | 35.0  |
| 279 | 5.8   | 4.9   | 7.3   |

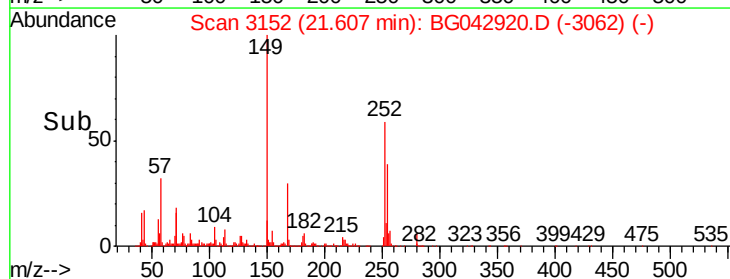
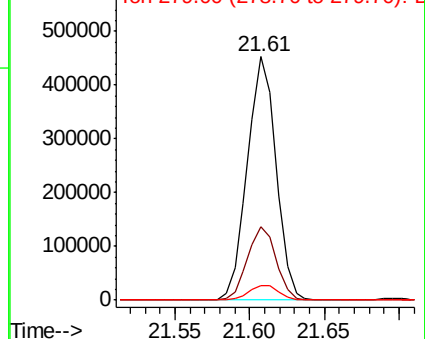


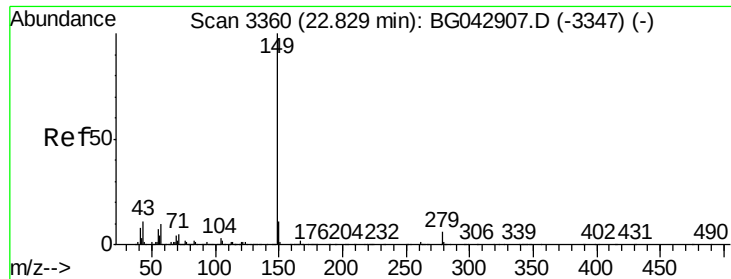
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.995 ng

RT: 22.83 min Scan# 3360

Delta R.T. 0.00 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

Instrument :

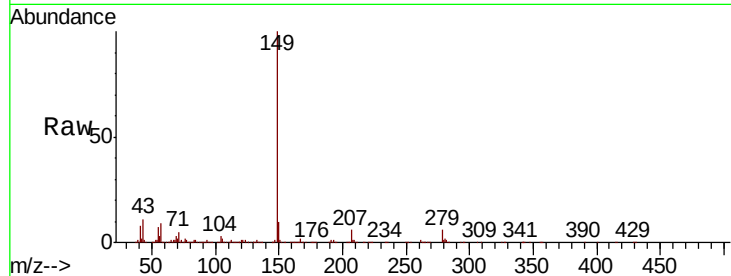
BNA\_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1007877

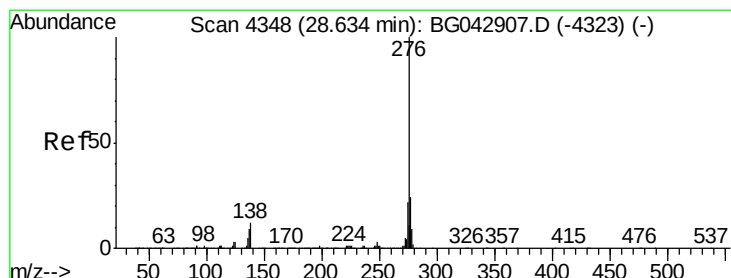
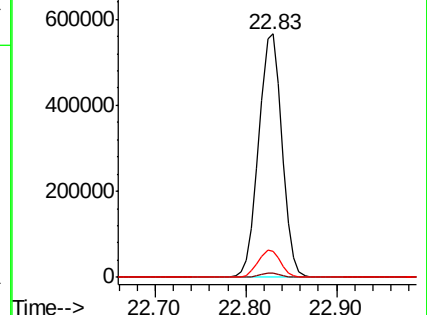
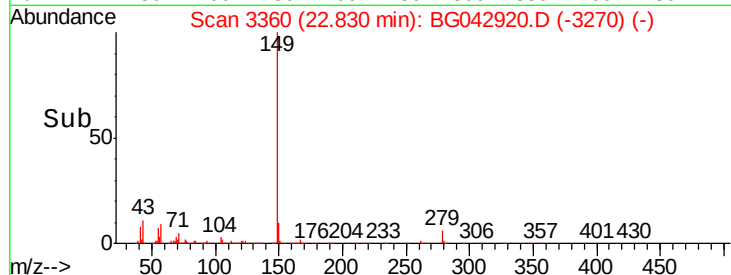
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.8   | 1.4   | 2.2   |
| 43  | 10.8  | 9.1   | 13.7  |



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.869 ng

RT: 28.64 min Scan# 4349

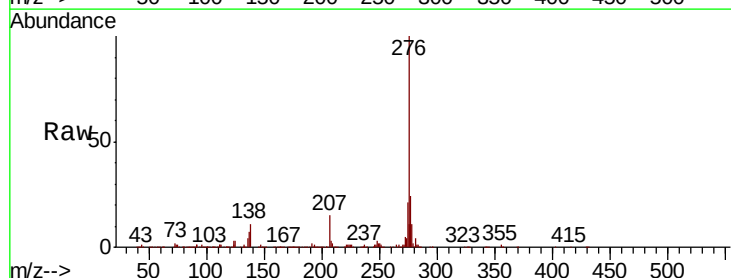
Delta R.T. 0.01 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

Tgt Ion:276 Resp: 1418833

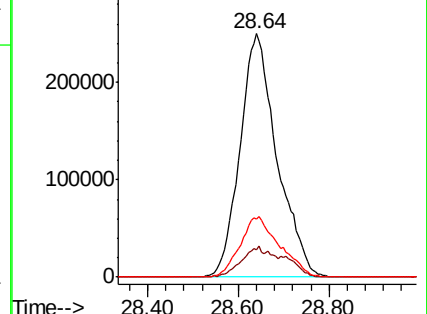
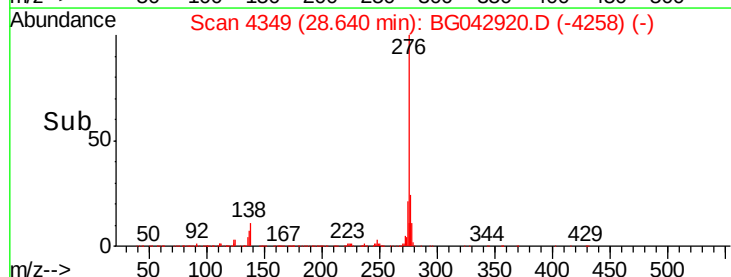
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 10.4  | 12.2  | 18.2# |
| 277 | 26.3  | 20.9  | 31.3  |

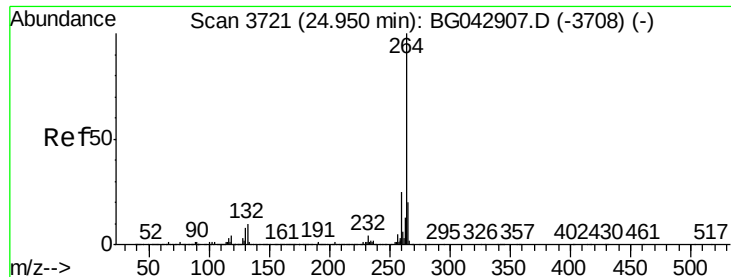


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.95 min Scan# 3721

Delta R.T. 0.00 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

Instrument :

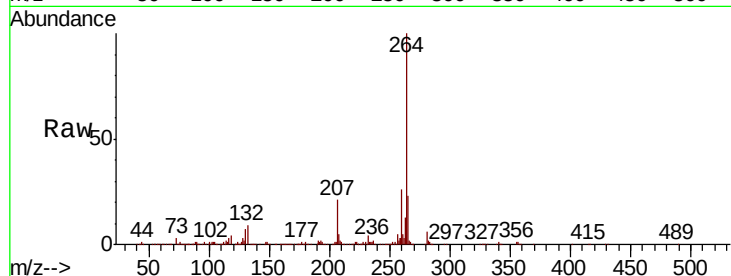
BNA\_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:264 Resp: 549093

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 25.6  | 20.4  | 30.6  |
| 265 | 23.1  | 17.0  | 25.4  |

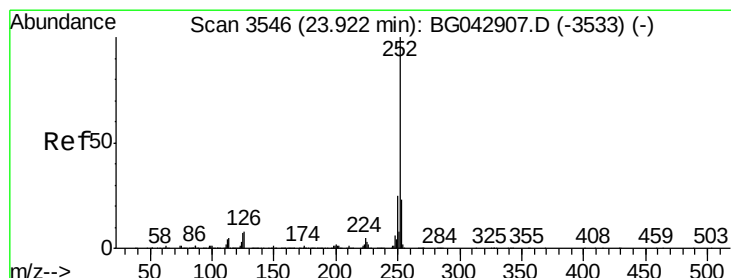
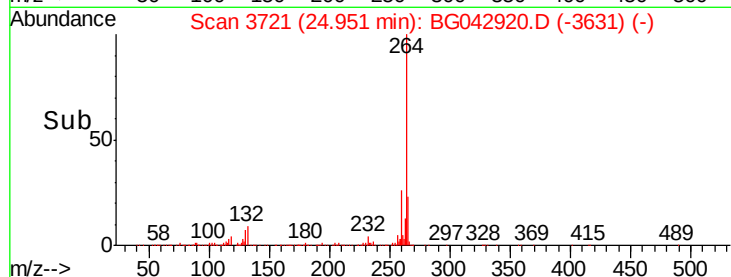
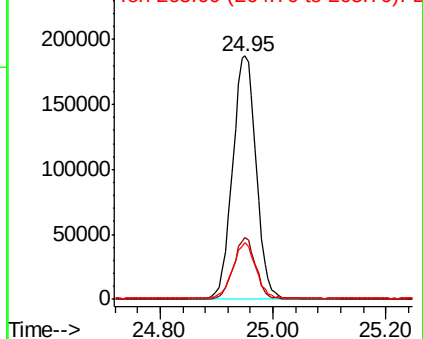


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.629 ng

RT: 23.92 min Scan# 3546

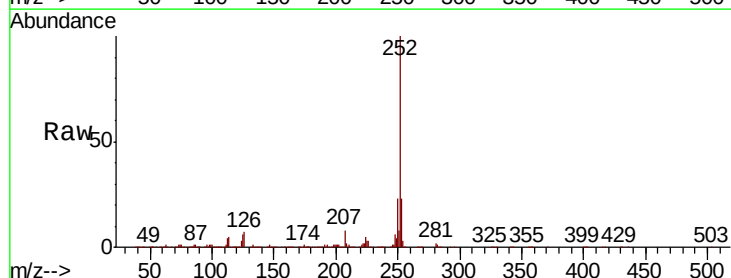
Delta R.T. 0.00 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

Tgt Ion:252 Resp: 1207819

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.3  | 18.8  | 28.2  |
| 125 | 6.0   | 5.2   | 7.8   |

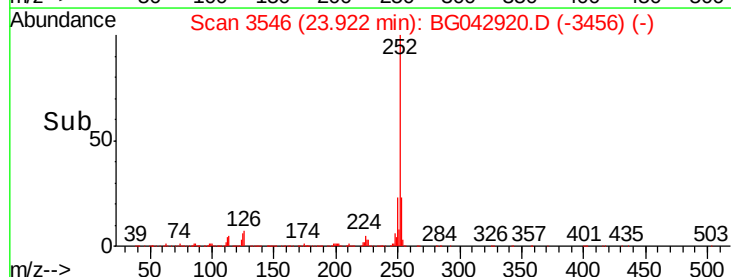
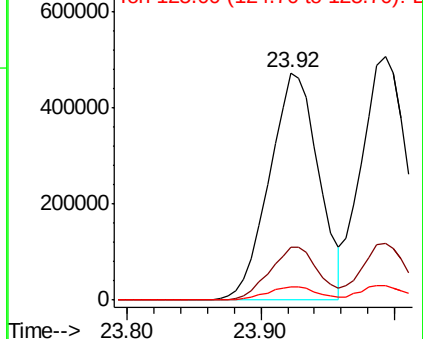


Abundance

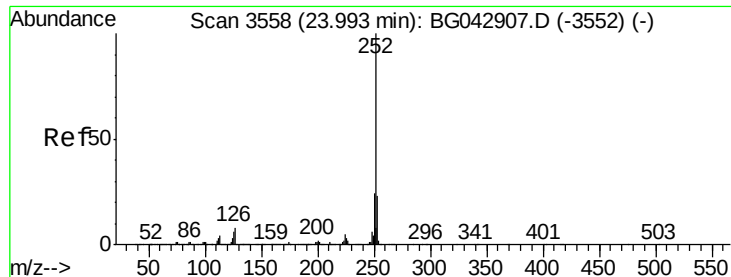
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







#89

Benzo(k)fluoranthene

Concen: 39.852 ng

RT: 23.99 min Scan# 3558

Delta R.T. 0.00 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

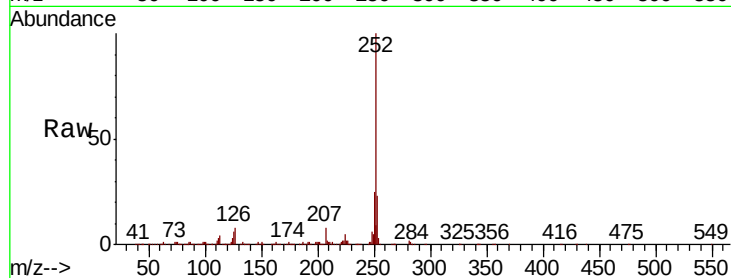
Tot Ion:252 Resp: 1203819

Ion Ratio Lower Upper

252 100

253 23.4 18.2 27.2

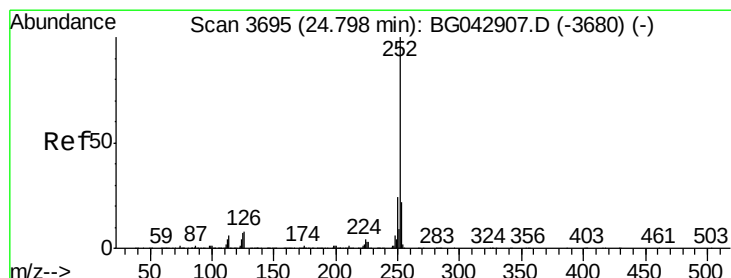
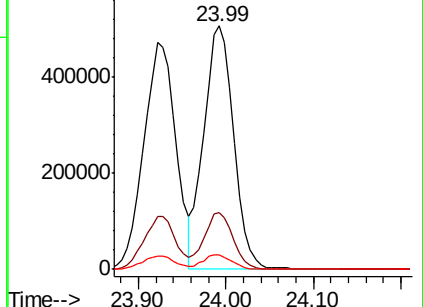
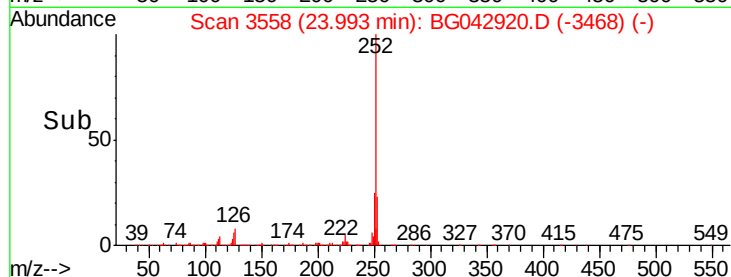
125 5.8 5.0 7.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.242 ng

RT: 24.80 min Scan# 3695

Delta R.T. 0.00 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

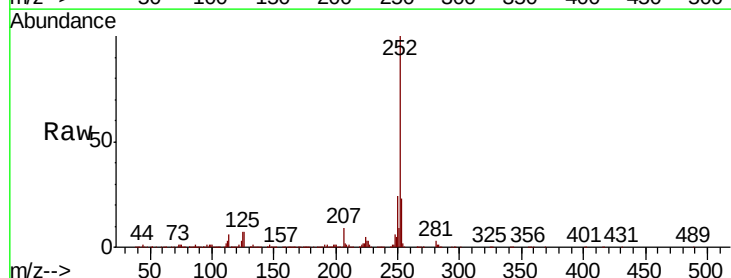
Tgt Ion:252 Resp: 1155598

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

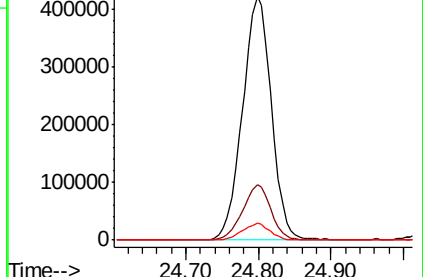
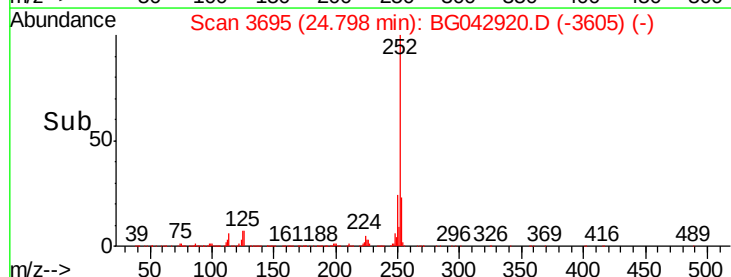
125 7.1 5.5 8.3

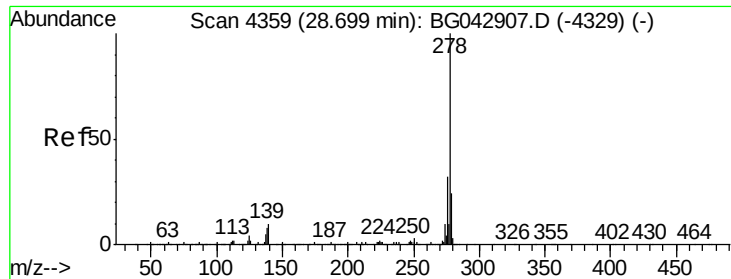


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 39.759 ng

RT: 28.70 min Scan# 4359

Delta R.T. 0.00 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

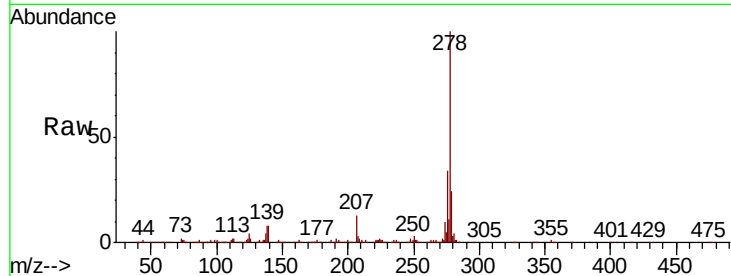
Tot Ion:278 Resp: 1188908

Ion Ratio Lower Upper

278 100

139 8.4 8.4 12.6#

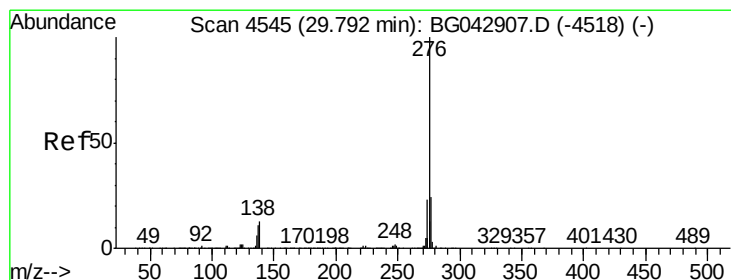
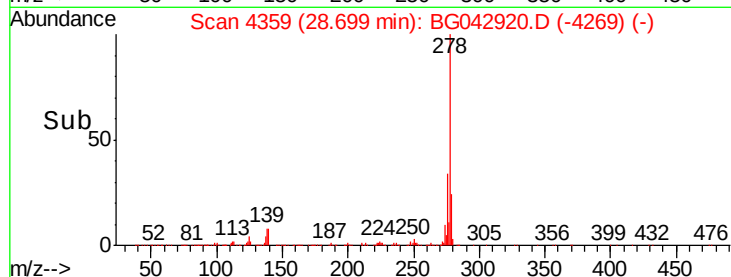
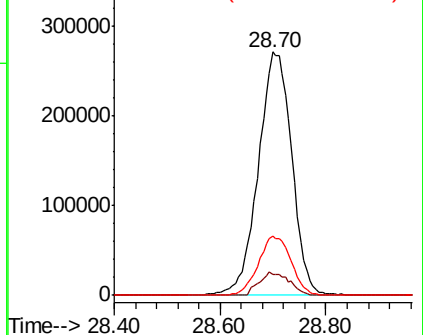
279 24.3 19.4 29.2



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



#92

Benzo(g,h,i)perylene

Concen: 39.403 ng

RT: 29.79 min Scan# 4545

Delta R.T. 0.00 min

Lab File: BG042920.D

Acq: 23 Sep 2019 19:42

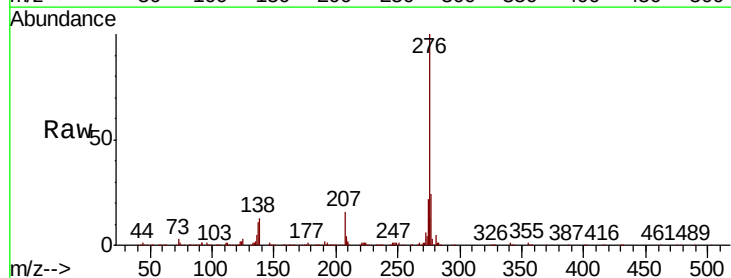
Tgt Ion:276 Resp: 1139635

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 12.6 10.6 15.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

