

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091319\  
 Data File : BG042836.D  
 Acq On : 14 Sep 2019 5:21  
 Operator : HP/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Sep 16 01:00:55 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 12 14:06:09 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.12  | 152  | 99396    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.93 | 136  | 406914   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.74 | 164  | 277658   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.48 | 188  | 618501   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.76 | 240  | 570992   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.03 | 264  | 655040   | 20.00 | ng    | -0.02    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.68  | 112  | 460362   | 80.52 | ng    | 0.00     |
| 7) Phenol-d6                | 7.27  | 99   | 661773   | 80.64 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.27  | 82   | 642409   | 82.19 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.22 | 330  | 289863   | 78.47 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.36 | 172  | 1376299  | 78.46 | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.08 | 244  | 2120513  | 82.31 | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.59  | 88   | 96978    | 37.168 | ng    | 98     |
| 3) Pyridine                    | 3.99  | 79   | 292455   | 37.227 | ng    | 98     |
| 4) n-Nitrosodimethylamine      | 3.89  | 42   | 147664   | 38.629 | ng    | 100    |
| 6) Aniline                     | 7.44  | 93   | 437084   | 39.478 | ng    | 99     |
| 8) 2-Chlorophenol              | 7.68  | 128  | 249429   | 40.361 | ng    | 98     |
| 9) Benzaldehyde                | 7.25  | 77   | 210495   | 39.418 | ng    | 94     |
| 10) Phenol                     | 7.29  | 94   | 337265   | 40.076 | ng    | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.53  | 93   | 255308   | 39.529 | ng    | 97     |
| 12) 1,3-Dichlorobenzene        | 8.01  | 146  | 296887   | 39.387 | ng    | 99     |
| 13) 1,4-Dichlorobenzene        | 8.16  | 146  | 301047   | 39.892 | ng    | 98     |
| 14) 1,2-Dichlorobenzene        | 8.47  | 146  | 280504   | 39.048 | ng    | 98     |
| 15) Benzyl Alcohol             | 8.35  | 79   | 276526   | 39.266 | ng    | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.65  | 45   | 534856   | 37.710 | ng    | 98     |
| 17) 2-Methylphenol             | 8.55  | 107  | 228625   | 40.607 | ng    | 97     |
| 18) Hexachloroethane           | 9.21  | 117  | 111436   | 39.997 | ng    | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.92  | 70   | 232535   | 38.456 | ng    | 97     |
| 20) 3+4-Methylphenols          | 8.88  | 107  | 313593   | 40.406 | ng    | 99     |
| 22) Acetophenone               | 8.94  | 105  | 393634   | 38.303 | ng    | 95     |
| 24) Nitrobenzene               | 9.32  | 77   | 335450   | 40.889 | ng    | 98     |
| 25) Isophorone                 | 9.84  | 82   | 624381   | 38.325 | ng    | 96     |
| 26) 2-Nitrophenol              | 10.03 | 139  | 145103   | 44.979 | ng    | 97     |
| 27) 2,4-Dimethylphenol         | 10.08 | 122  | 223330   | 39.136 | ng    | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.33 | 93   | 347862   | 38.288 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 10.57 | 162  | 265517   | 40.040 | ng    | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.79 | 180  | 323646   | 39.975 | ng    | 98     |
| 31) Naphthalene                | 10.98 | 128  | 804167   | 40.027 | ng    | 98     |
| 32) Benzoic acid               | 10.21 | 122  | 190925   | 42.190 | ng    | 93     |
| 33) 4-Chloroaniline            | 11.07 | 127  | 369100   | 39.306 | ng    | 98     |
| 34) Hexachlorobutadiene        | 11.27 | 225  | 220373   | 38.849 | ng    | 97     |
| 35) Caprolactam                | 11.84 | 113  | 95691    | 38.804 | ng    | 94     |
| 36) 4-Chloro-3-methylphenol    | 12.19 | 107  | 293998   | 40.832 | ng    | 96     |
| 37) 2-Methylnaphthalene        | 12.58 | 142  | 600281   | 39.886 | ng    | 98     |
| 38) 1-Methylnaphthalene        | 12.79 | 142  | 555259   | 39.338 | ng    | 96     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.94 | 216  | 365613   | 39.848 | ng    | 100    |

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 Acq On : 14 Sep 2019 5:21  
 Operator : HP/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

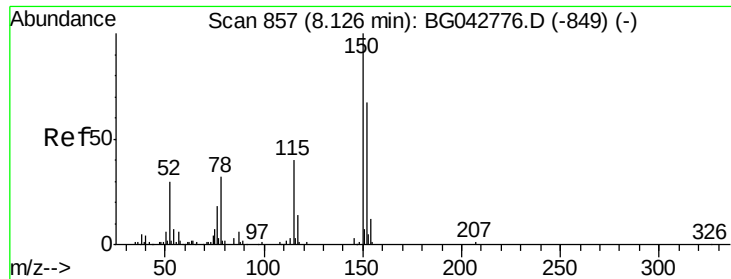
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Sep 16 01:00:55 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 12 14:06:09 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.93 | 237  | 175513   | 33.392 | nq    | 96       |
| 43) 2,4,6-Trichlorophenol      | 13.17 | 196  | 252374   | 41.316 | nq    | 97       |
| 44) 2,4,5-Trichlorophenol      | 13.24 | 196  | 255797   | 40.884 | nq    | 97       |
| 46) 1,1'-Biphenyl              | 13.57 | 154  | 768360   | 39.529 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 13.62 | 162  | 646093   | 40.181 | nq    | 97       |
| 48) 2-Nitroaniline             | 13.80 | 65   | 242695   | 43.510 | nq    | 99       |
| 49) Acenaphthylene             | 14.46 | 152  | 971797   | 39.549 | nq    | 99       |
| 50) Dimethylphthalate          | 14.19 | 163  | 794940   | 38.218 | nq    | 98       |
| 51) 2,6-Dinitrotoluene         | 14.30 | 165  | 179671   | 42.097 | nq    | 96       |
| 52) Acenaphthene               | 14.80 | 154  | 631458   | 39.336 | nq    | 99       |
| 53) 3-Nitroaniline             | 14.63 | 138  | 192831   | 40.257 | nq    | 97       |
| 54) 2,4-Dinitrophenol          | 14.83 | 184  | 75689    | 36.024 | nq    | 84       |
| 55) Dibenzofuran               | 15.13 | 168  | 937504   | 39.290 | nq    | 97       |
| 56) 4-Nitrophenol              | 14.92 | 139  | 149476   | 40.360 | nq    | 97       |
| 57) 2,4-Dinitrotoluene         | 15.08 | 165  | 248698   | 43.717 | nq    | # 98     |
| 58) Fluorene                   | 15.78 | 166  | 774908   | 39.186 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.36 | 232  | 243715   | 40.183 | nq    | 99       |
| 60) Diethylphthalate           | 15.55 | 149  | 802516   | 38.009 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.77 | 204  | 458377   | 39.203 | nq    | 97       |
| 62) 4-Nitroaniline             | 15.79 | 138  | 203633   | 39.439 | nq    | 98       |
| 63) Azobenzene                 | 16.07 | 77   | 786285   | 38.673 | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.85 | 198  | 111364   | 42.080 | nq    | 100      |
| 66) n-Nitrosodiphenylamine     | 15.98 | 169  | 679651   | 40.836 | nq    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.67 | 248  | 304816   | 40.717 | nq    | 99       |
| 68) Hexachlorobenzene          | 16.79 | 284  | 325310   | 40.668 | nq    | 98       |
| 69) Atrazine                   | 16.93 | 200  | 198291   | 34.213 | nq    | 97       |
| 70) Pentachlorophenol          | 17.12 | 266  | 194700   | 41.030 | nq    | 92       |
| 71) Phenanthrene               | 17.52 | 178  | 1186141  | 40.101 | nq    | 99       |
| 72) Anthracene                 | 17.61 | 178  | 1200591  | 40.627 | nq    | 99       |
| 73) Carbazole                  | 17.88 | 167  | 1093498  | 38.932 | nq    | 97       |
| 74) Di-n-butylphthalate        | 18.44 | 149  | 1325842  | 39.406 | nq    | 99       |
| 75) Fluoranthene               | 19.53 | 202  | 1468179  | 38.298 | nq    | 99       |
| 77) Benzidine                  | 19.70 | 184  | 637826   | 39.982 | nq    | 99       |
| 78) Pyrene                     | 19.89 | 202  | 1477479  | 41.331 | nq    | 99       |
| 80) Butylbenzylphthalate       | 20.77 | 149  | 596610   | 41.238 | nq    | 99       |
| 81) Benzo(a)anthracene         | 21.74 | 228  | 1473873  | 40.597 | nq    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.65 | 252  | 578833   | 41.027 | nq    | 99       |
| 83) Chrysene                   | 21.81 | 228  | 1401964  | 40.768 | nq    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.65 | 149  | 817807   | 41.370 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 22.89 | 149  | 1409636  | 41.830 | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.76 | 276  | 1734687  | 40.734 | nq    | # 93     |
| 88) Benzo(b)fluoranthene       | 23.99 | 252  | 1543268  | 40.124 | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 24.06 | 252  | 1418815  | 39.051 | nq    | 100      |
| 90) Benzo(a)pyrene             | 24.87 | 252  | 1433762  | 39.810 | nq    | 100      |
| 91) Dibenzo(a,h)anthracene     | 28.83 | 278  | 1414763  | 39.940 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.93 | 276  | 1369241  | 39.630 | nq    | 97       |

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



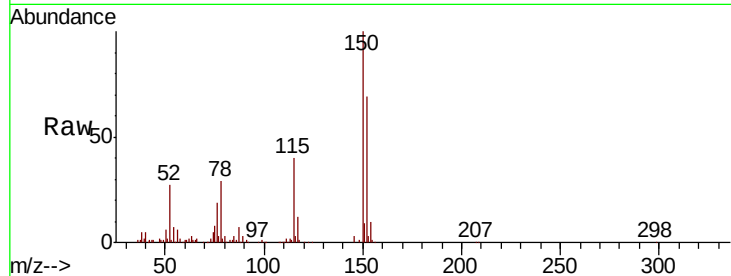


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.12 min Scan# 857  
Delta R.T. -0.00 min  
Lab File: BG042836.D  
Acq: 14 Sep 2019 5:21

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 145.9 | 118.9 | 178.3 |
| 115     | 57.6  | 47.4  | 71.2  |

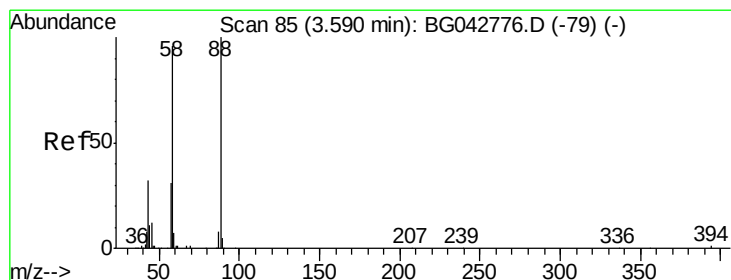
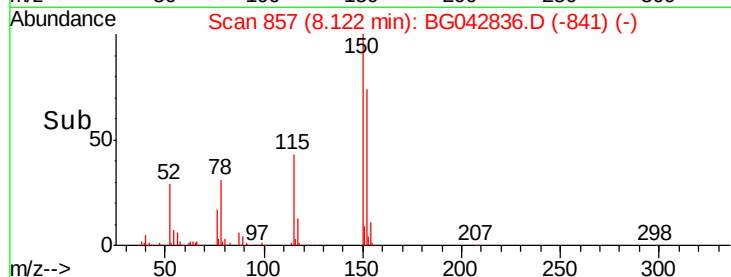
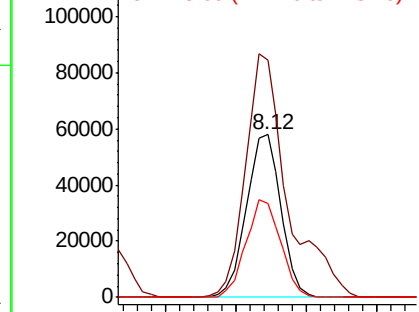


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

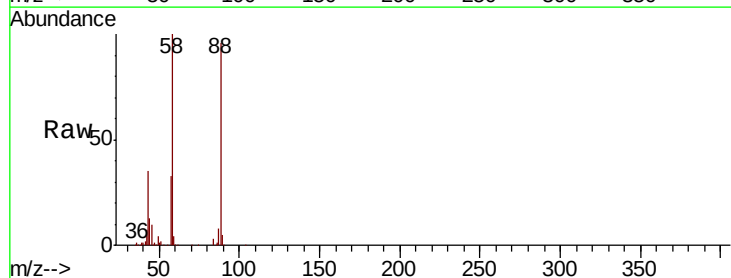
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 37.168 ng  
RT: 3.59 min Scan# 85  
Delta R.T. -0.00 min  
Lab File: BG042836.D  
Acq: 14 Sep 2019 5:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 101.1 | 79.1  | 118.7 |
| 43      | 39.1  | 30.4  | 45.6  |

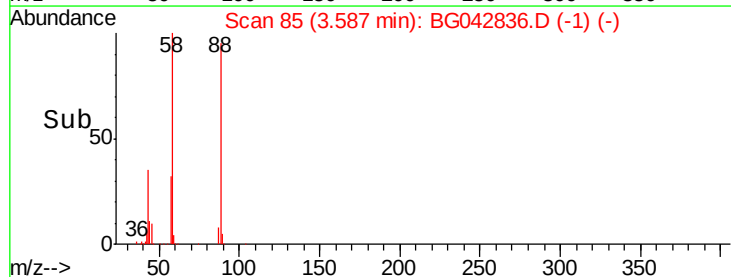
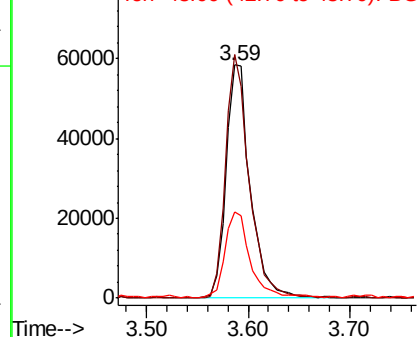


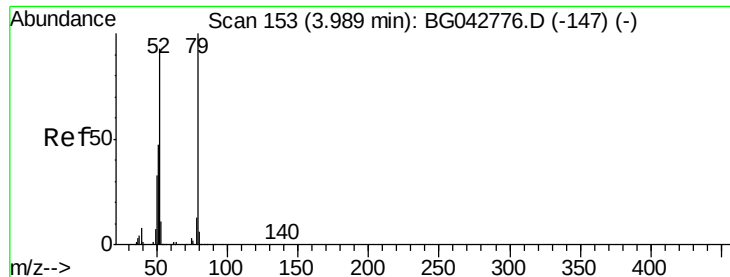
Abundance

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: 37.227 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.00 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

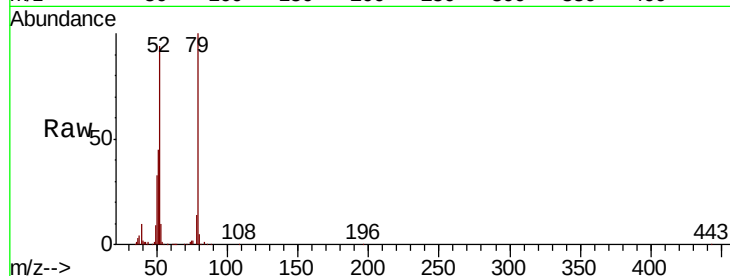
Tot Ion: 79 Resp: 292455

Ion Ratio Lower Upper

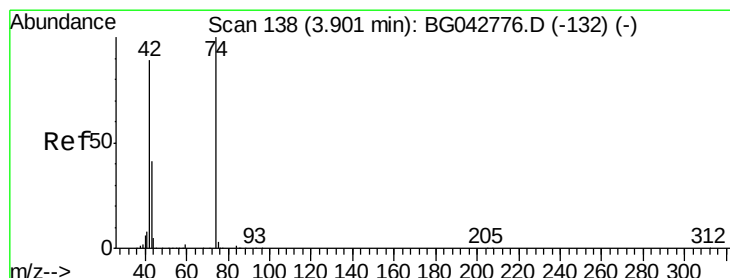
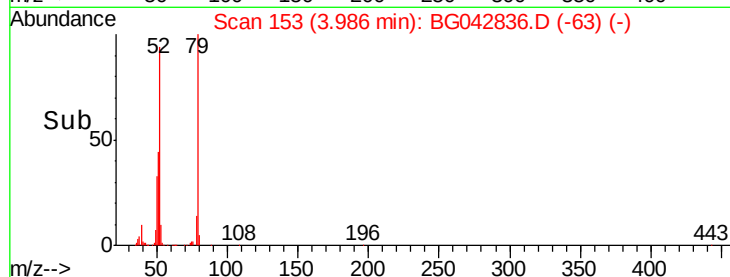
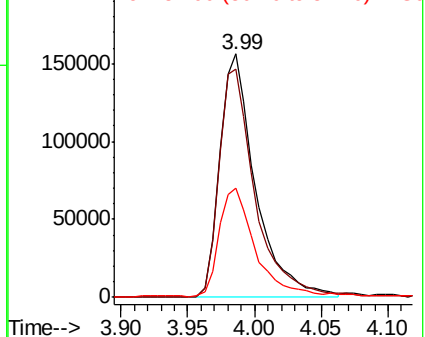
79 100

52 93.9 74.0 111.0

51 44.8 37.5 56.3



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: 38.629 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

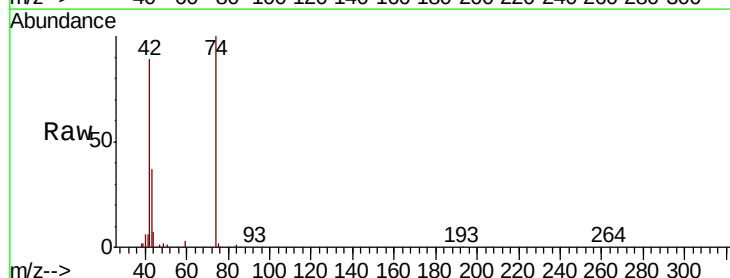
Tgt Ion: 42 Resp: 147664

Ion Ratio Lower Upper

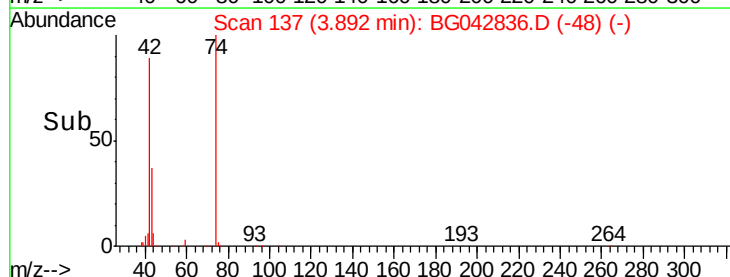
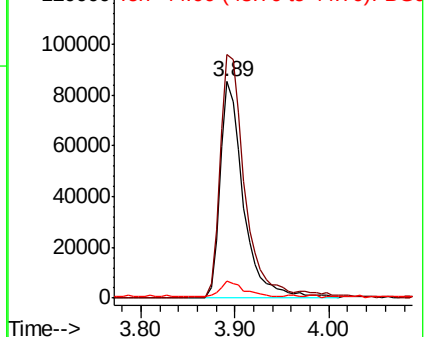
42 100

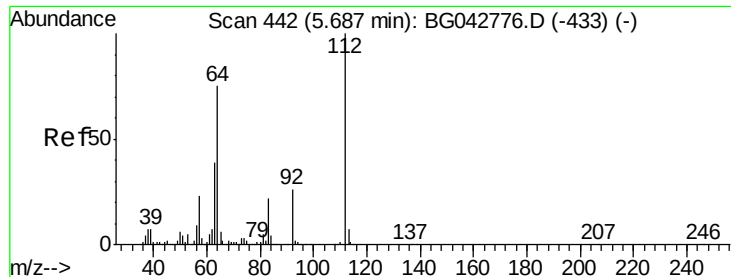
74 112.4 90.2 135.2

44 7.7 6.6 9.8



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: 80.523 ng

RT: 5.68 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

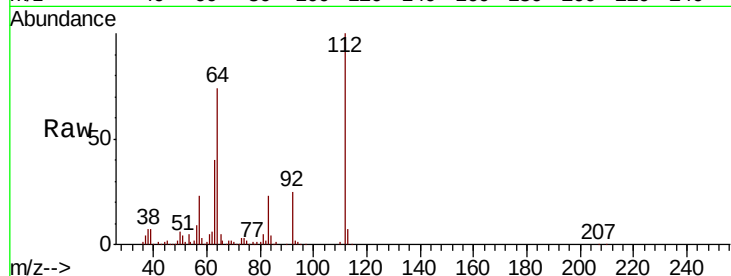
Tot Ion:112 Resp: 460362

Ion Ratio Lower Upper

112 100

64 73.7 60.2 90.2

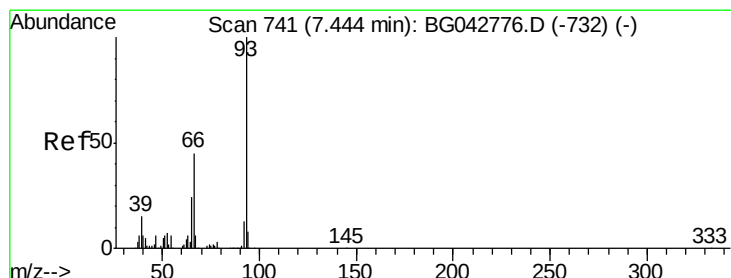
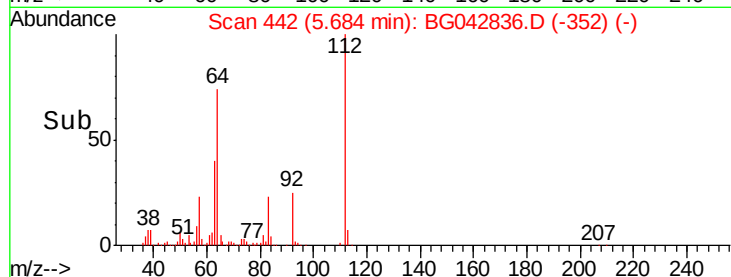
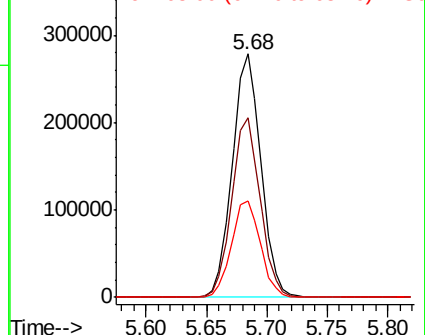
63 39.6 31.2 46.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.478 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

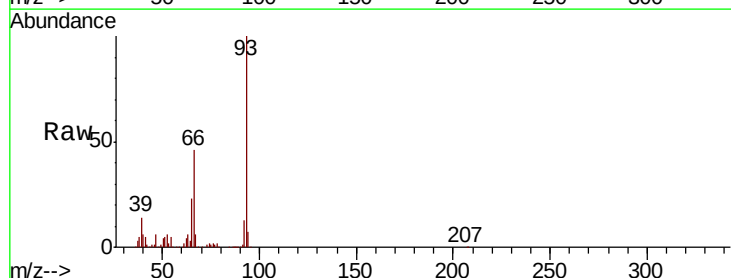
Tgt Ion: 93 Resp: 437084

Ion Ratio Lower Upper

93 100

66 45.6 36.3 54.5

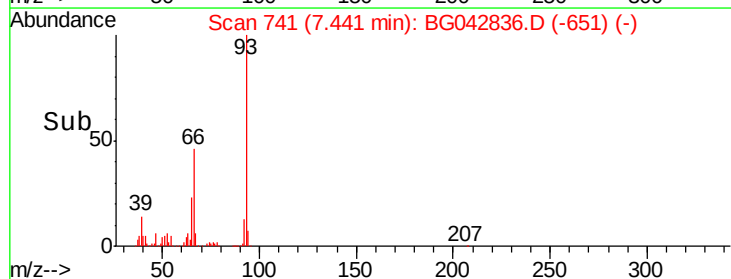
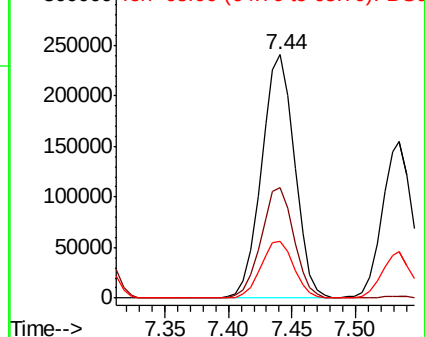
65 23.3 19.3 28.9

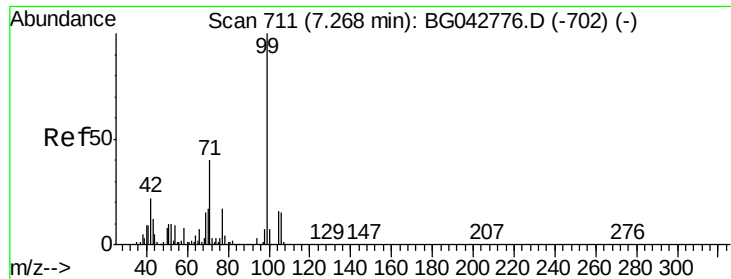


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 80.644 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

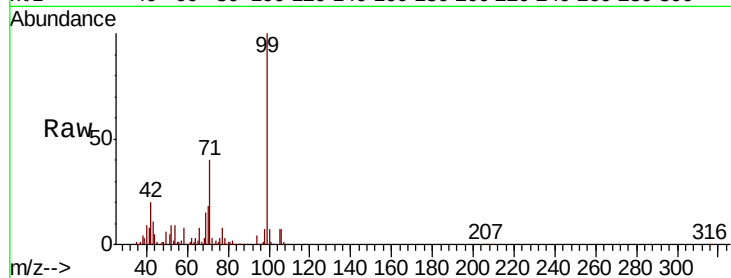
Tot Ion: 99 Resp: 661773

Ion Ratio Lower Upper

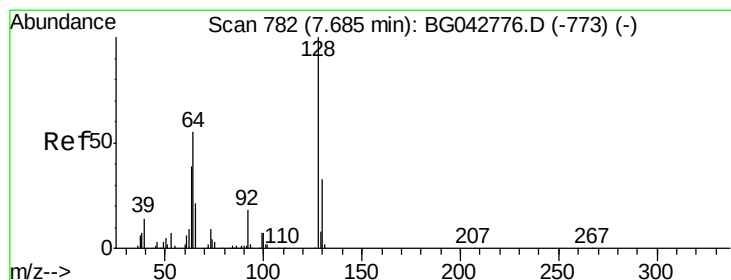
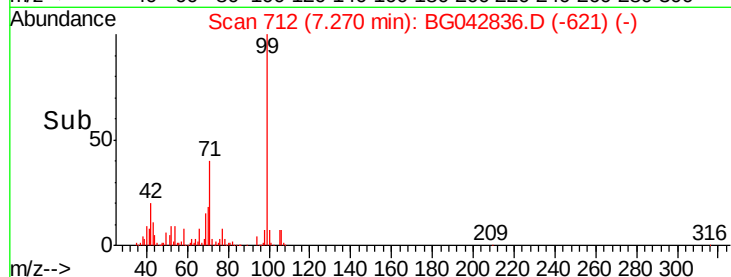
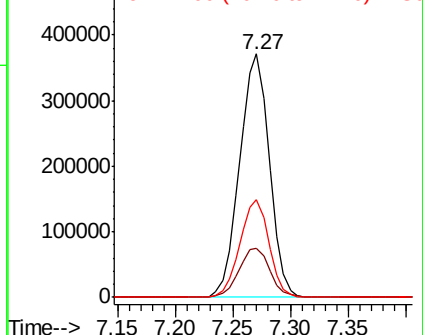
99 100

42 20.3 17.5 26.3

71 40.0 32.0 48.0



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: 40.361 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

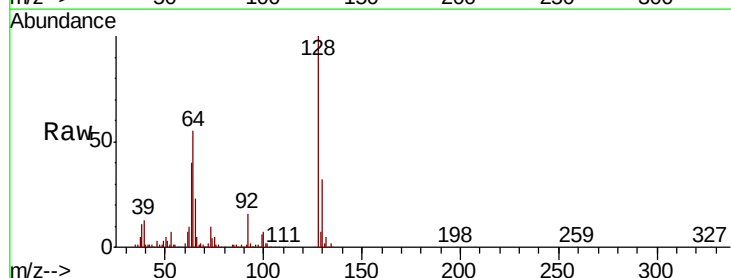
Tgt Ion: 128 Resp: 249429

Ion Ratio Lower Upper

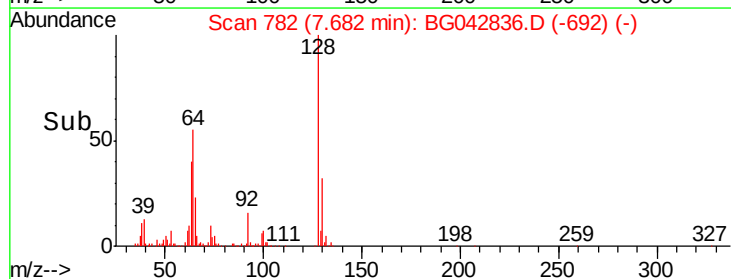
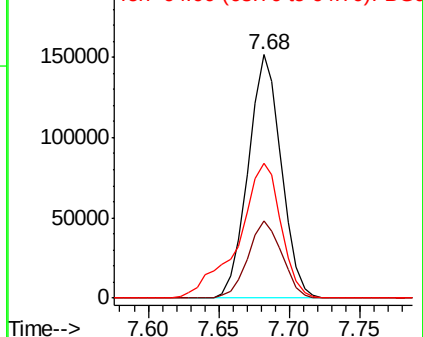
128 100

130 31.6 12.8 52.8

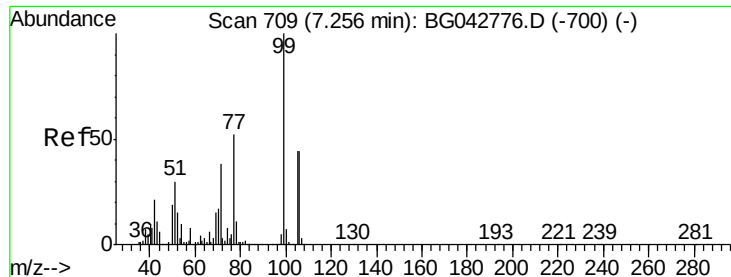
64 55.2 36.8 76.8



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







#9

Benzaldehyde

Concen: 39.418 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

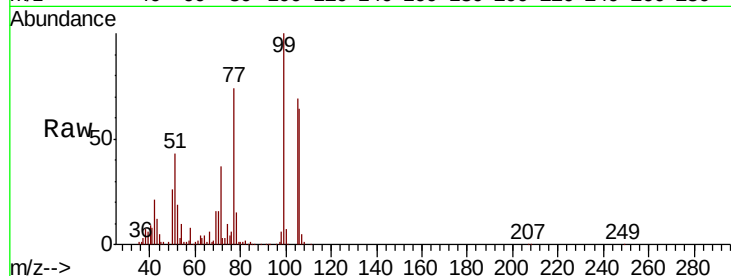
Tot Ion: 77 Resp: 210495

Ion Ratio Lower Upper

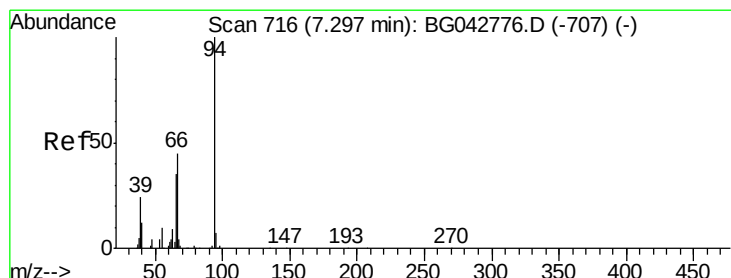
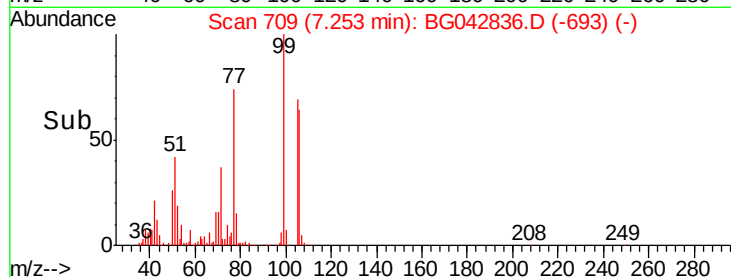
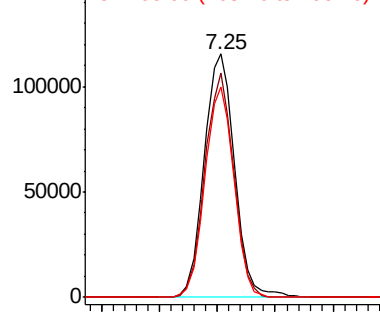
77 100

105 92.3 64.5 104.5

106 86.4 63.4 103.4



Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.076 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

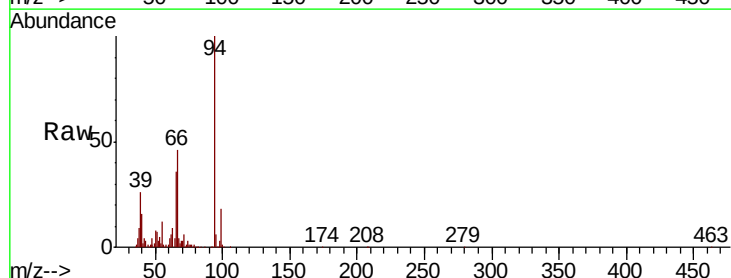
Tgt Ion: 94 Resp: 337265

Ion Ratio Lower Upper

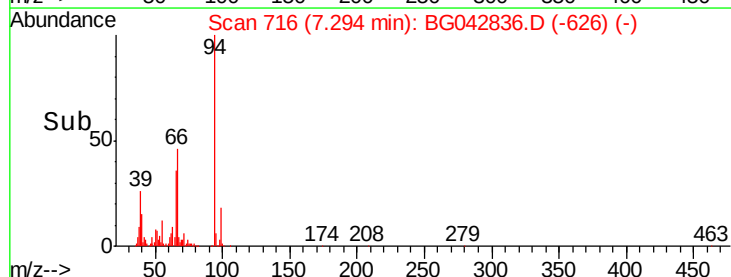
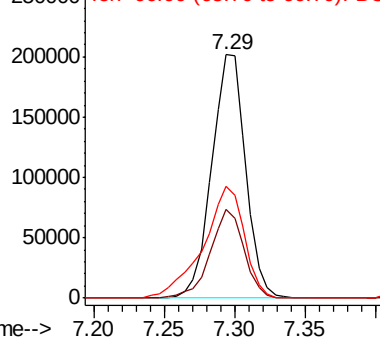
94 100

65 36.2 15.0 55.0

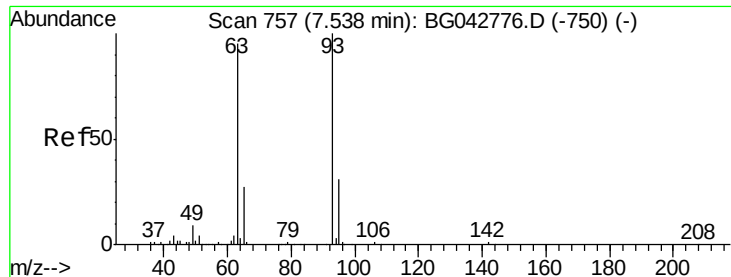
66 45.8 26.1 66.1



Abundance Ion 94.00 (93.70 to 94.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC



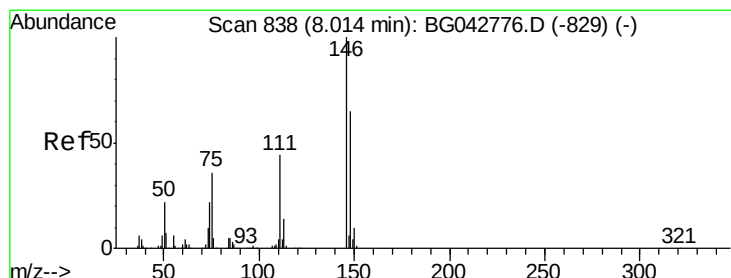
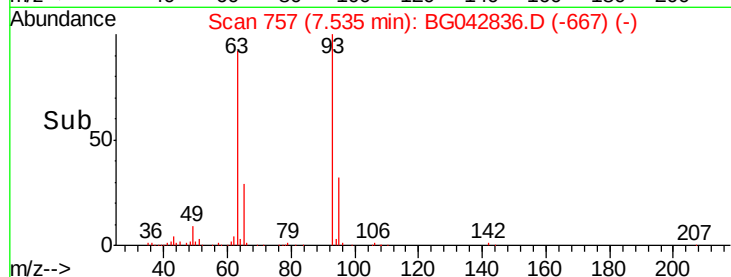
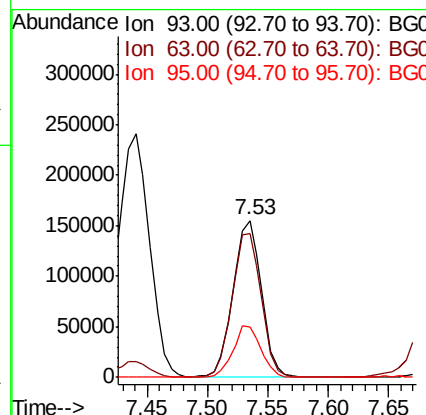
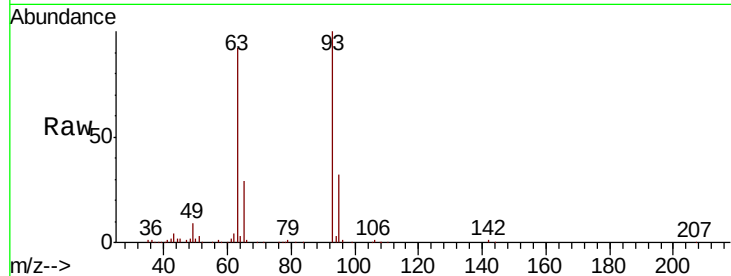




#11  
bis(2-Chloroethyl)ether  
Concen: 39.529 ng  
RT: 7.53 min Scan# 757  
Delta R.T. -0.00 min  
Lab File: BG042836.D  
Acq: 14 Sep 2019 5:21

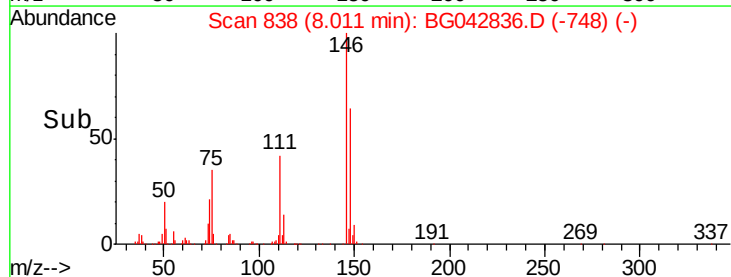
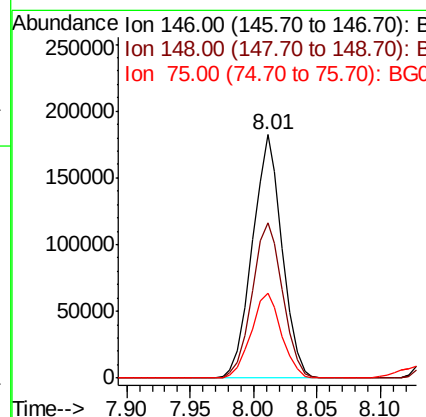
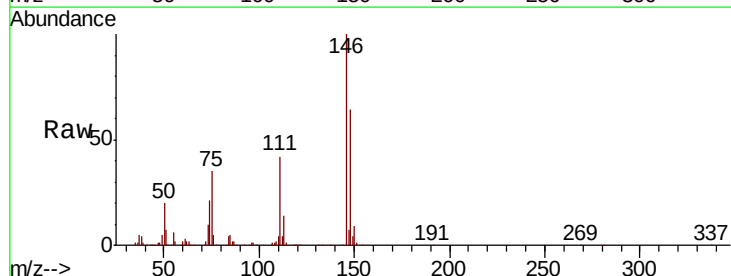
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

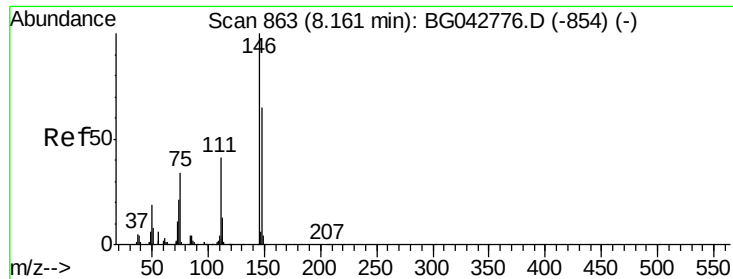
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 91.6  | 74.7  | 114.7 |
| 95      | 32.1  | 11.1  | 51.1  |



#12  
1,3-Dichlorobenzene  
Concen: 39.387 ng  
RT: 8.01 min Scan# 838  
Delta R.T. -0.00 min  
Lab File: BG042836.D  
Acq: 14 Sep 2019 5:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.0  | 51.9  | 77.9  |
| 75      | 34.8  | 28.4  | 42.6  |

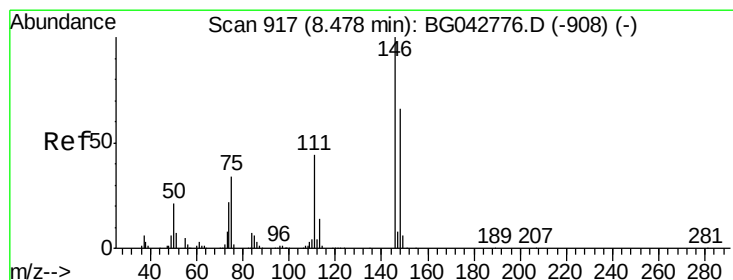
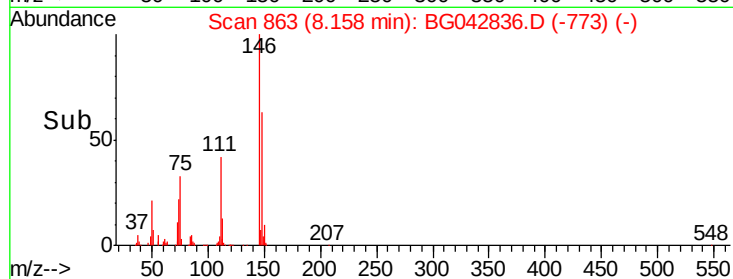
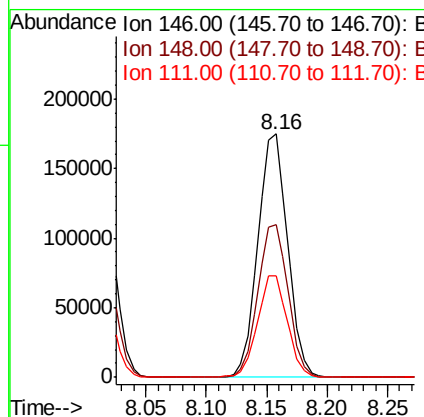
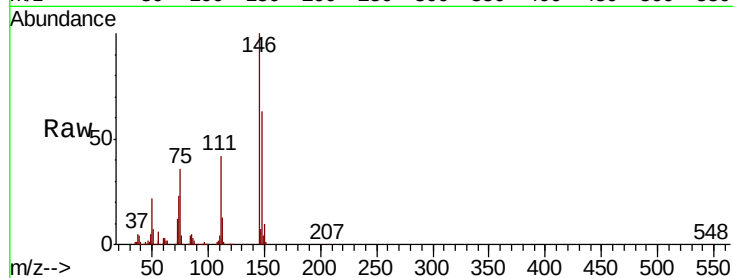




#13  
 1,4-Dichlorobenzene  
 Concen: 39.892 ng  
 RT: 8.16 min Scan# 863  
 Delta R.T. -0.00 min  
 Lab File: BG042836.D  
 Acq: 14 Sep 2019 5:21

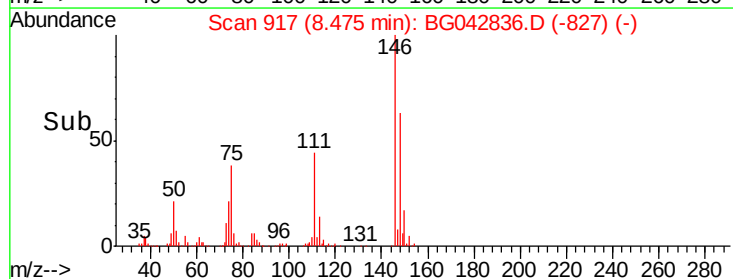
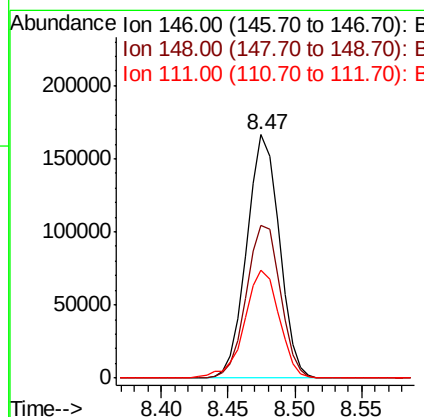
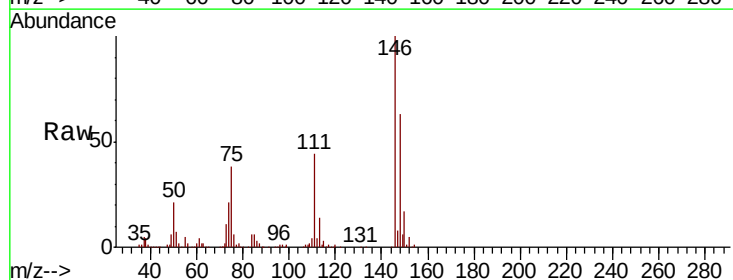
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

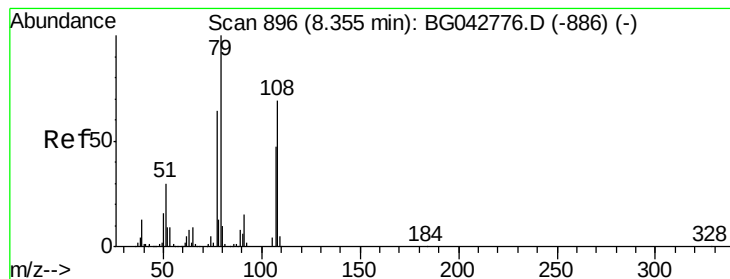
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.0  | 52.2  | 78.4  |
| 111     | 41.7  | 32.6  | 49.0  |



#14  
 1,2-Dichlorobenzene  
 Concen: 39.048 ng  
 RT: 8.47 min Scan# 917  
 Delta R.T. -0.00 min  
 Lab File: BG042836.D  
 Acq: 14 Sep 2019 5:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.8  | 52.6  | 78.8  |
| 111     | 44.4  | 35.3  | 52.9  |





#15

Benzyl Alcohol

Concen: 39.266 ng

RT: 8.35 min Scan# 896

Delta R.T. -0.00 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

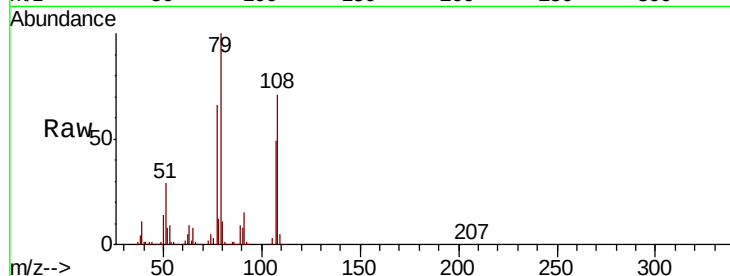
Tot Ion: 79 Resp: 276526

Ion Ratio Lower Upper

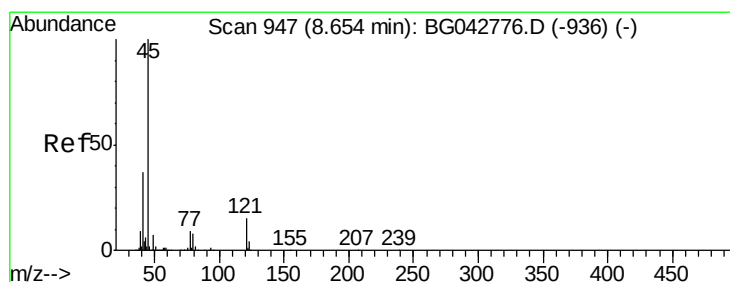
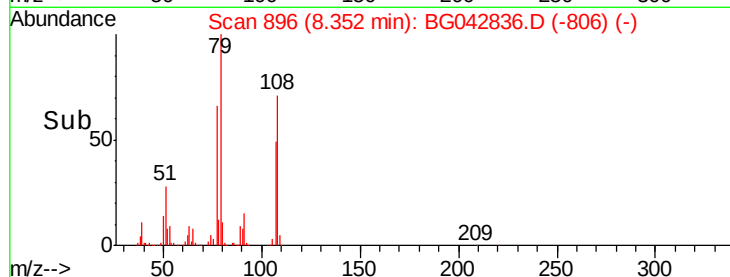
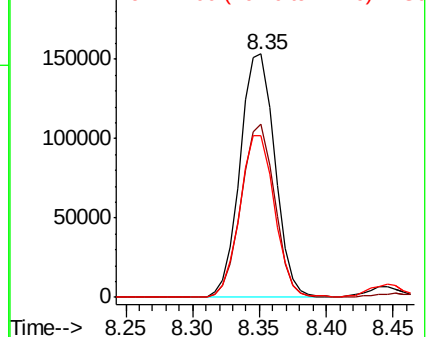
79 100

108 71.0 54.9 82.3

77 66.4 51.0 76.6



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: 37.710 ng

RT: 8.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

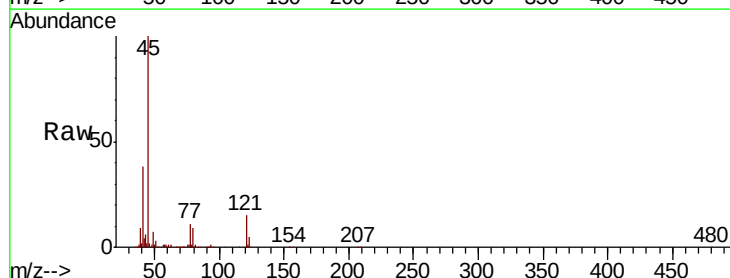
Tgt Ion: 45 Resp: 534856

Ion Ratio Lower Upper

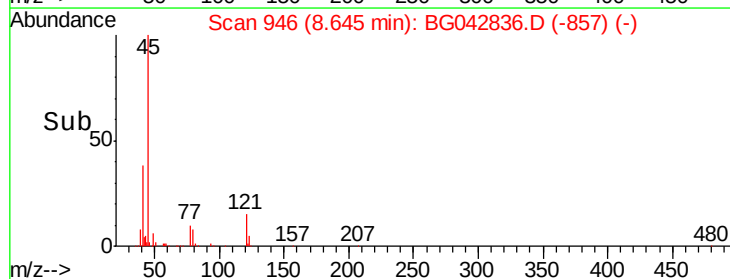
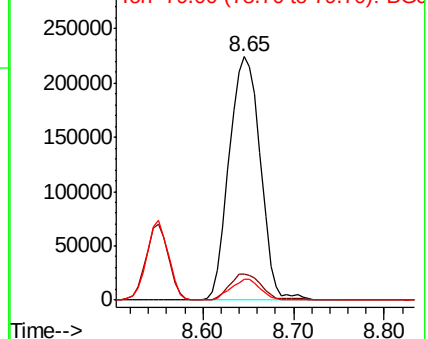
45 100

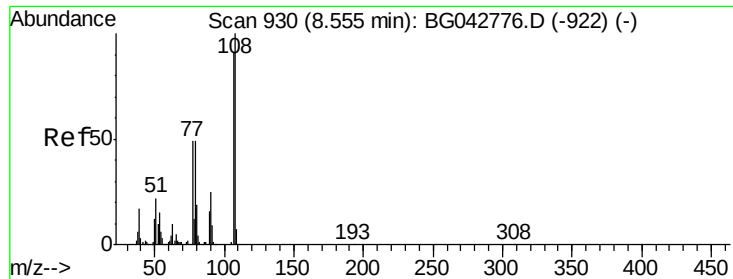
77 10.7 0.0 29.4

79 8.6 0.0 28.4



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

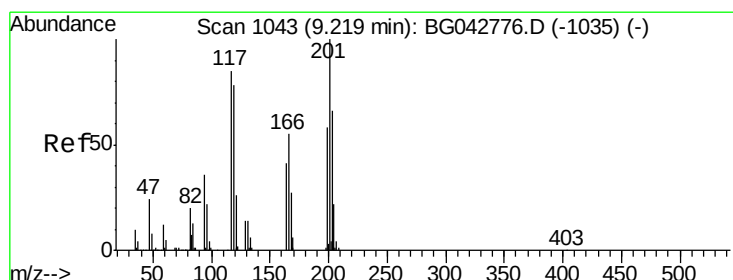
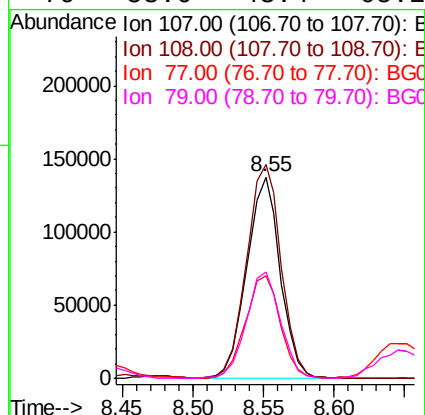
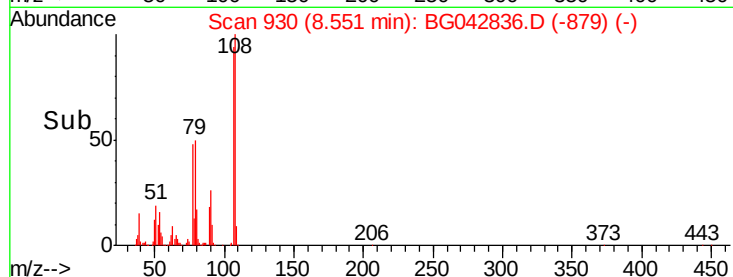
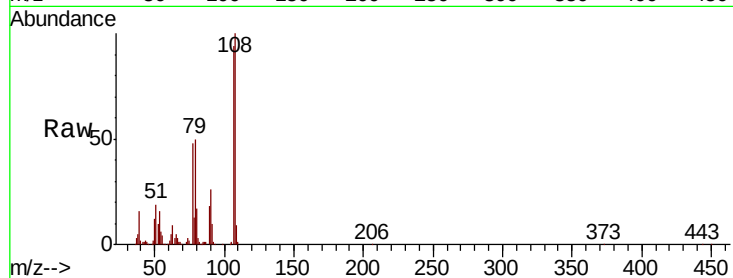




#17  
2-Methylphenol  
Concen: 40.607 ng  
RT: 8.55 min Scan# 930  
Delta R.T. -0.00 min  
Lab File: BG042836.D  
Acq: 14 Sep 2019 5:21

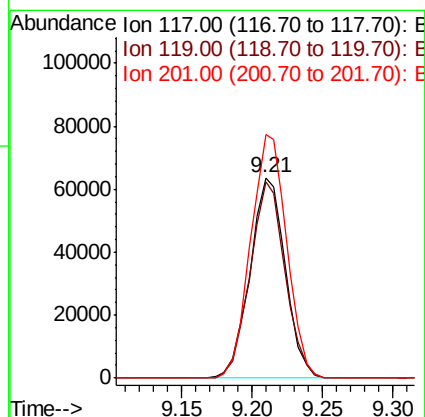
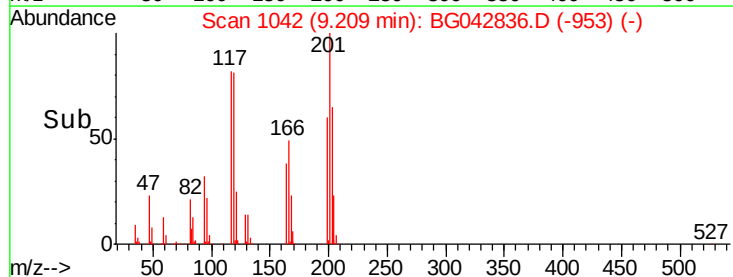
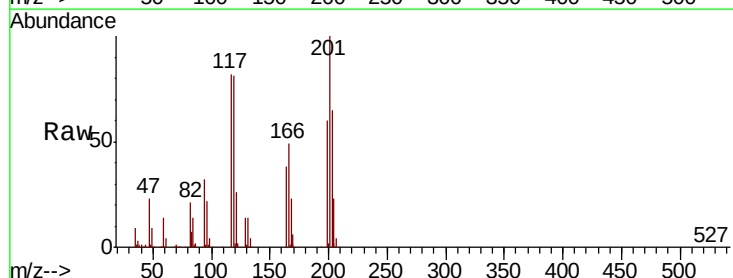
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

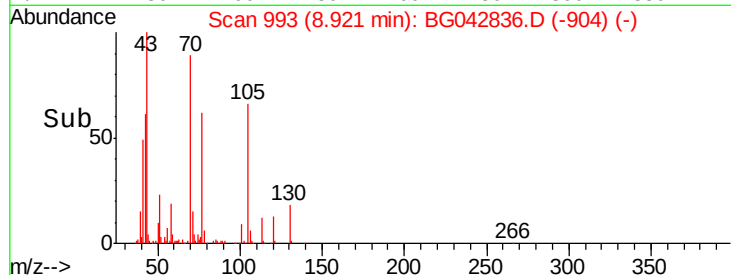
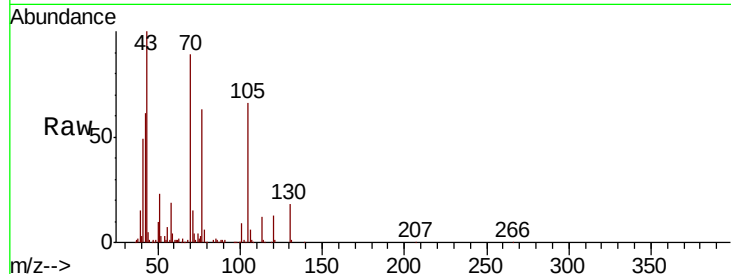
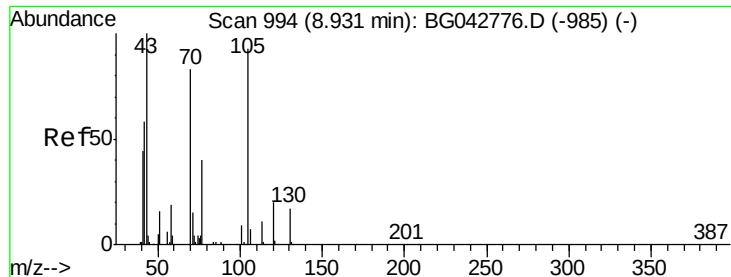
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 228625 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 106.1 | 87.7  | 131.5  |
| 77       | 50.8  | 42.6  | 64.0   |
| 79       | 53.0  | 43.4  | 65.2   |



#18  
Hexachloroethane  
Concen: 39.997 ng  
RT: 9.21 min Scan# 1042  
Delta R.T. -0.01 min  
Lab File: BG042836.D  
Acq: 14 Sep 2019 5:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 111436 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 98.2  | 73.8  | 110.8  |
| 201      | 121.6 | 94.6  | 142.0  |

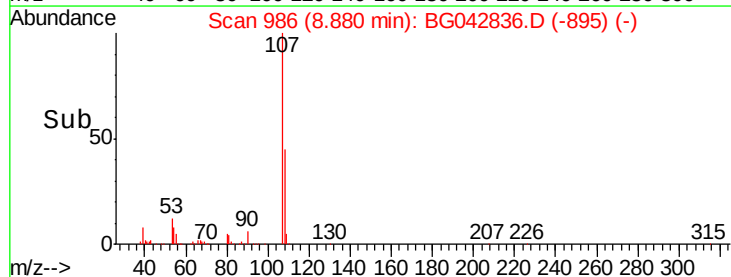
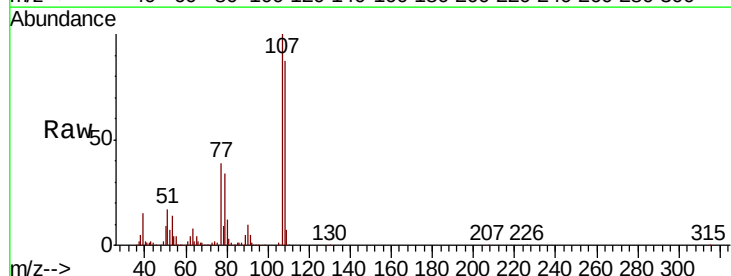
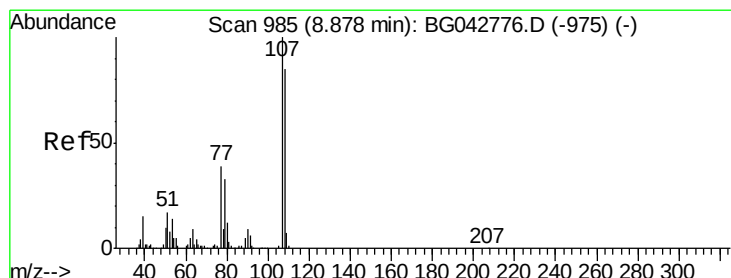
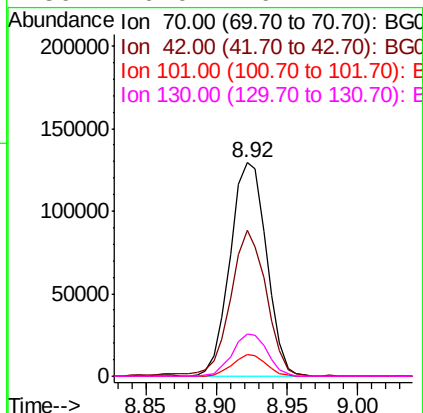




#19  
n-Nitroso-di-n-propylamine  
Concen: 38.456 ng  
RT: 8.92 min Scan# 993  
Delta R.T. -0.01 min  
Lab File: BG042836.D  
Acq: 14 Sep 2019 5:21

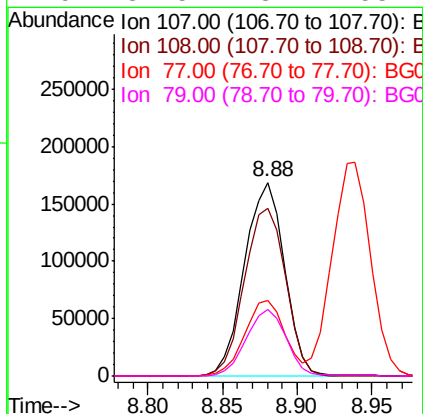
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

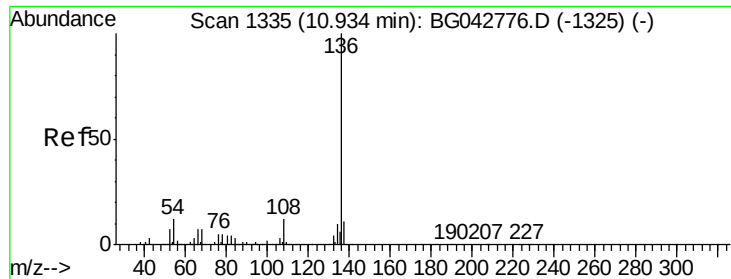
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 232535 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 68.1  | 57.0  | 85.6   |
| 101      | 10.3  | 8.4   | 12.6   |
| 130      | 20.0  | 16.1  | 24.1   |



#20  
3+4-Methylphenols  
Concen: 40.406 ng  
RT: 8.88 min Scan# 986  
Delta R.T. 0.00 min  
Lab File: BG042836.D  
Acq: 14 Sep 2019 5:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 313593 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 86.6  | 65.4  | 105.4  |
| 77       | 38.9  | 18.7  | 58.7   |
| 79       | 34.5  | 13.7  | 53.7   |

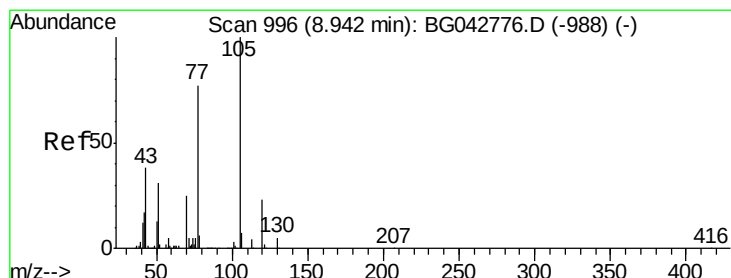
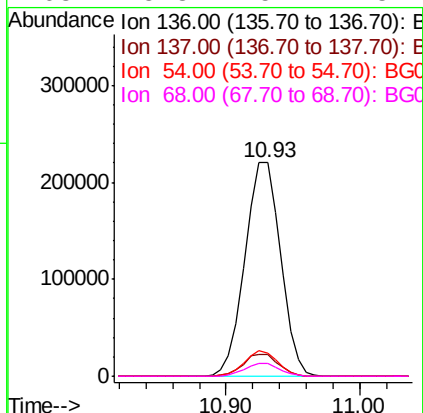
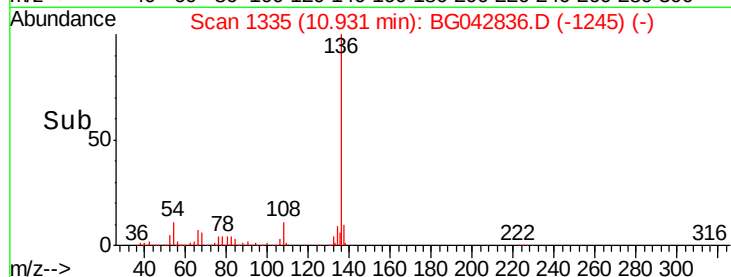
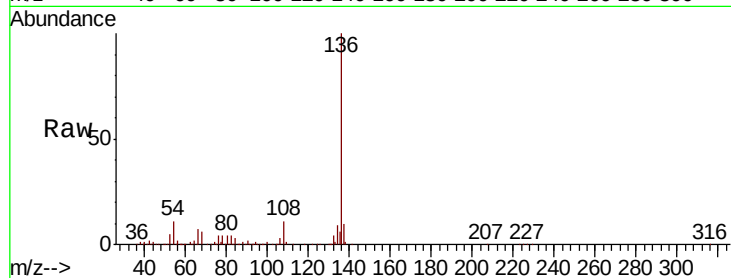




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.93 min Scan# 1335  
Delta R.T. -0.00 min  
Lab File: BG042836.D  
Acq: 14 Sep 2019 5:21

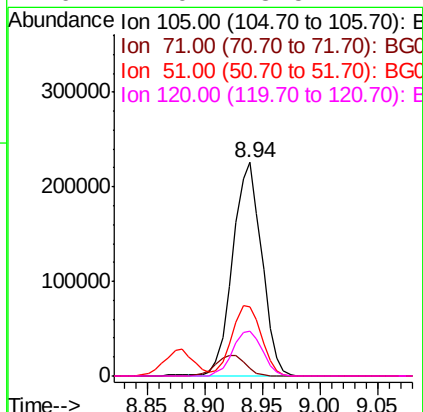
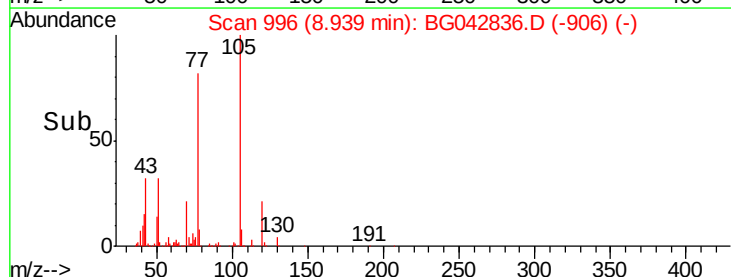
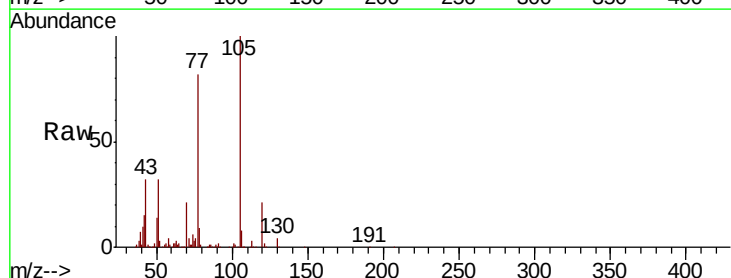
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

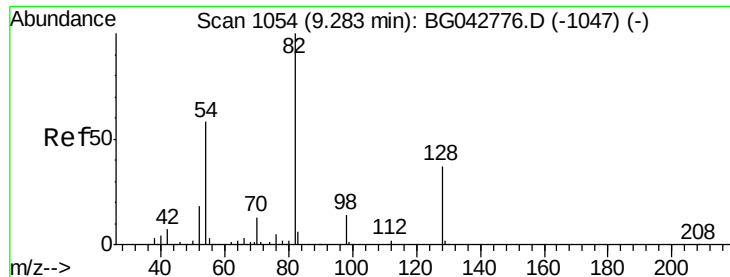
|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 406914   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 10.4  | 9.0 13.6 |
| 54          | 10.7  | 9.4 14.0 |
| 68          | 5.8   | 5.4 8.2  |



#22  
Acetophenone  
Concen: 38.303 ng  
RT: 8.94 min Scan# 996  
Delta R.T. -0.00 min  
Lab File: BG042836.D  
Acq: 14 Sep 2019 5:21

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 393634    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 3.7   | 3.7 5.5   |
| 51          | 32.3  | 28.8 43.2 |
| 120         | 21.0  | 18.5 27.7 |

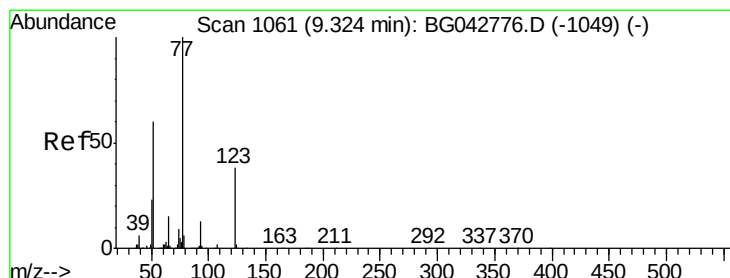
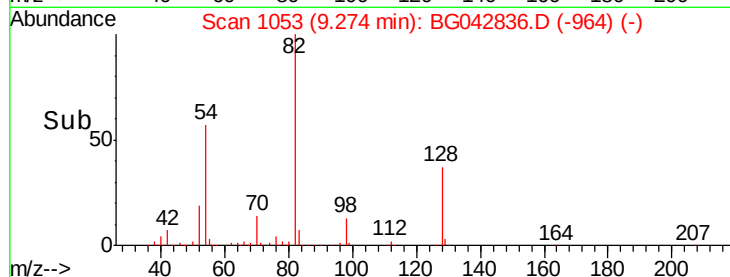
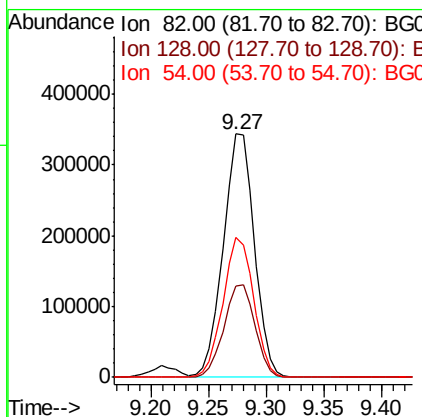
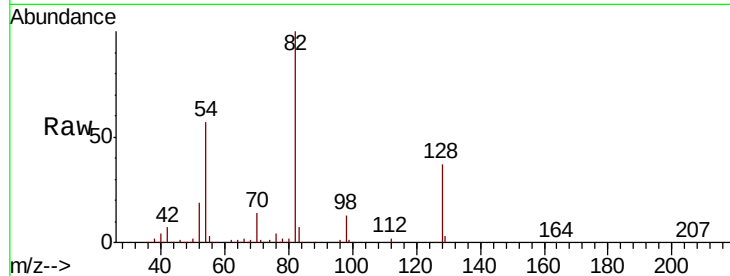




#23  
Nitrobenzene-d5  
Concen: 82.193 ng  
RT: 9.27 min Scan# 1053  
Delta R.T. -0.01 min  
Lab File: BG042836.D  
Acq: 14 Sep 2019 5:21

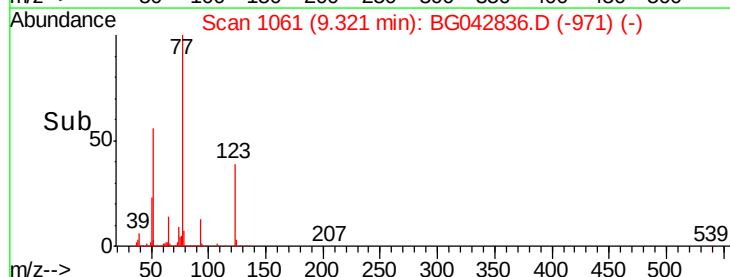
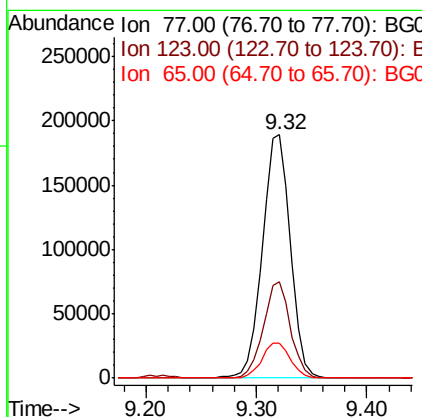
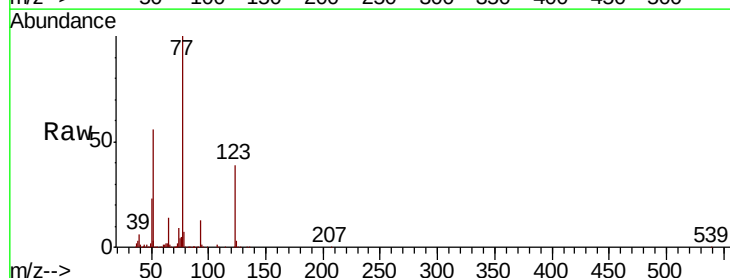
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion   | 82    | Resp  | 642409 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 37.3  | 29.8  | 44.8   |
| 54        | 57.2  | 46.1  | 69.1   |

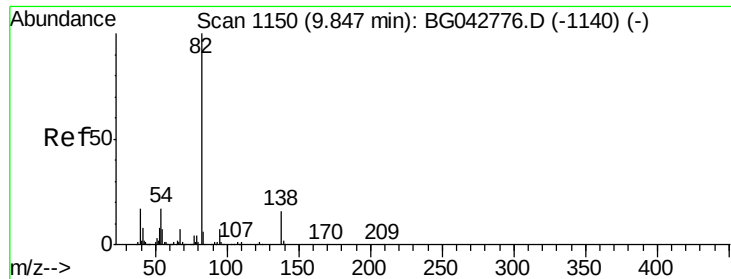


#24  
Nitrobenzene  
Concen: 40.889 ng  
RT: 9.32 min Scan# 1061  
Delta R.T. -0.00 min  
Lab File: BG042836.D  
Acq: 14 Sep 2019 5:21

| Tgt Ion   | 77    | Resp  | 335450 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 39.4  | 30.7  | 46.1   |
| 65        | 14.2  | 12.2  | 18.4   |







#25

Isophorone

Concen: 38.325 ng

RT: 9.84 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

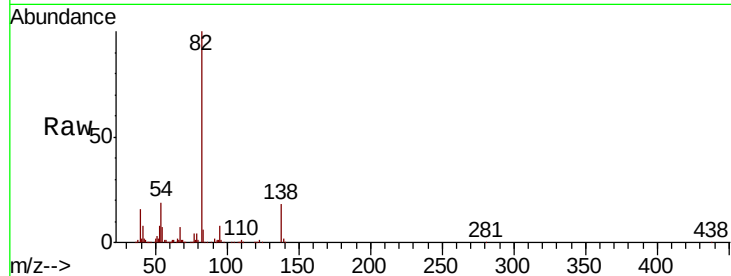
Tot Ion: 82 Resp: 624381

Ion Ratio Lower Upper

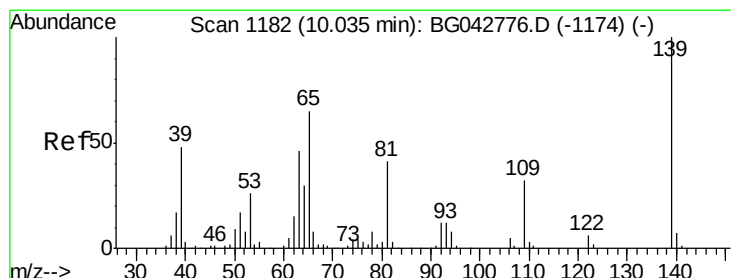
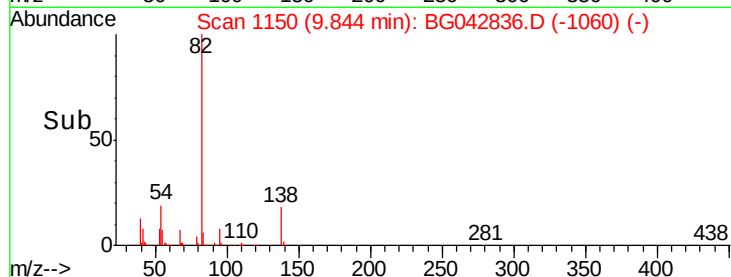
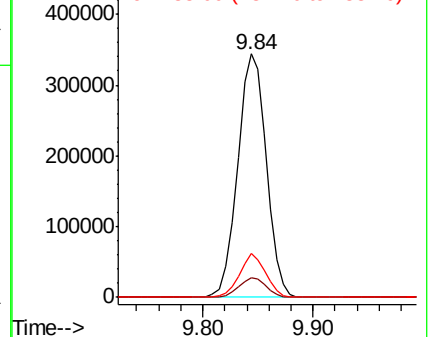
82 100

95 8.2 5.8 8.8

138 18.0 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: 44.979 ng

RT: 10.03 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

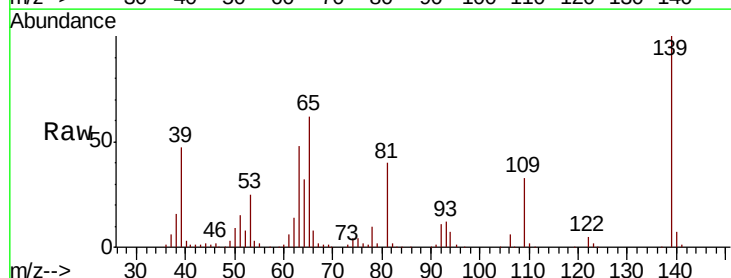
Tgt Ion: 139 Resp: 145103

Ion Ratio Lower Upper

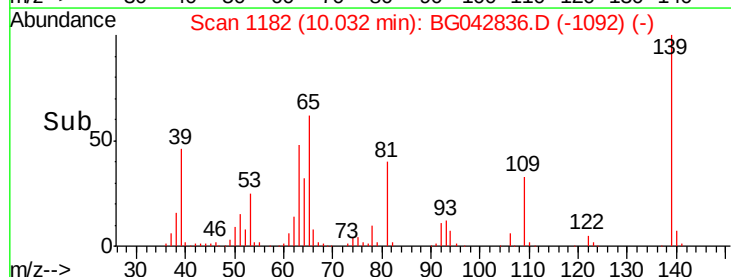
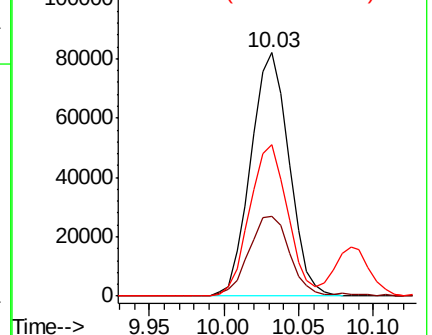
139 100

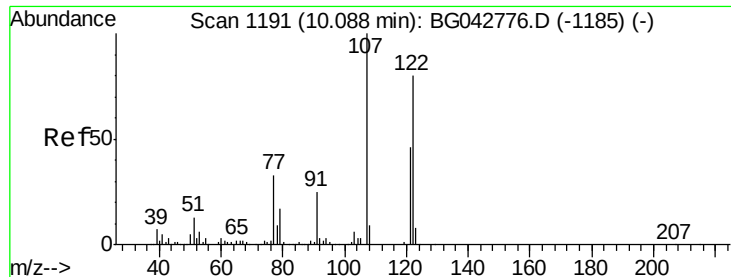
109 32.6 25.8 38.8

65 62.2 52.2 78.2



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

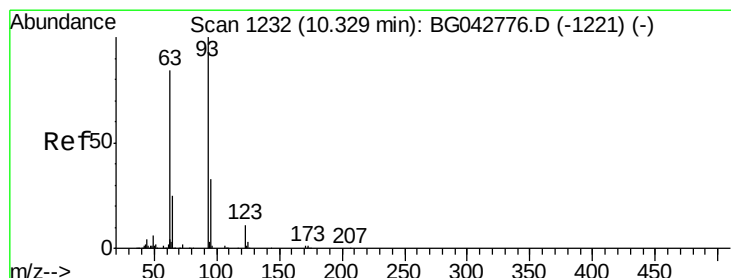
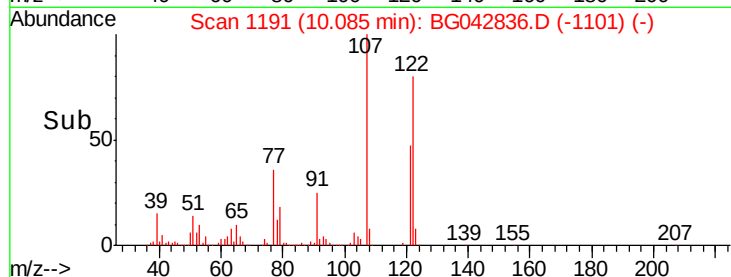
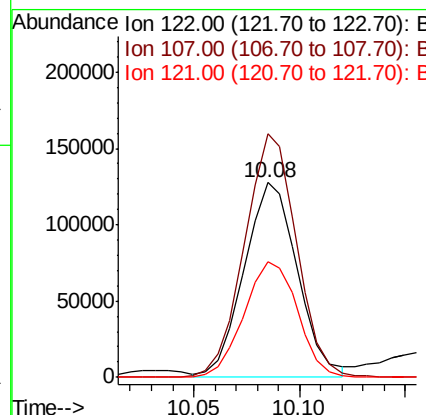
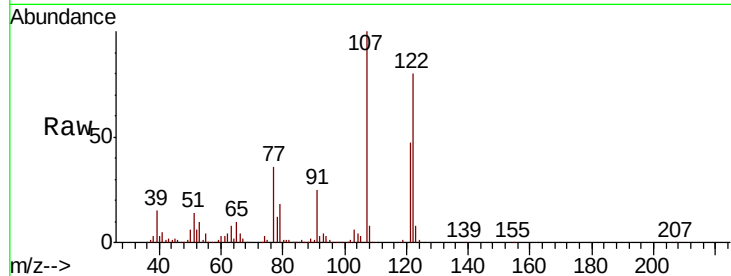




#27  
 2,4-Dimethylphenol  
 Concen: 39.136 ng  
 RT: 10.08 min Scan# 1191  
 Delta R.T. -0.00 min  
 Lab File: BG042836.D  
 Acq: 14 Sep 2019 5:21

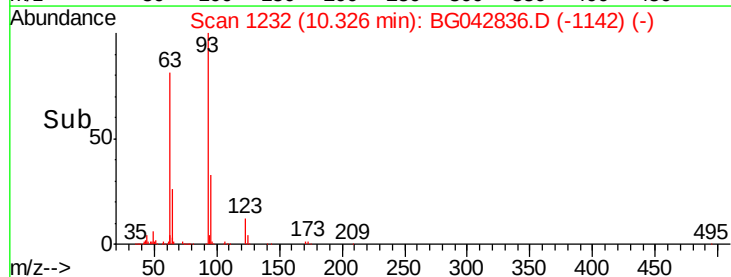
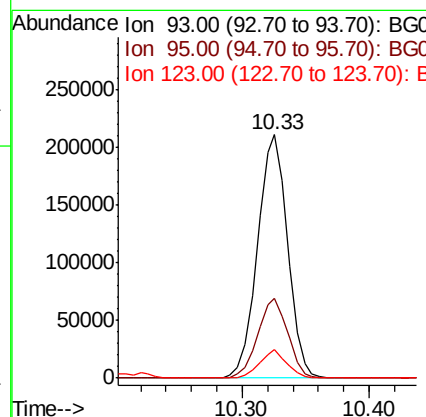
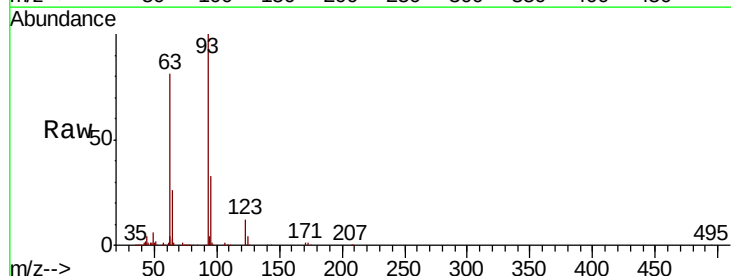
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

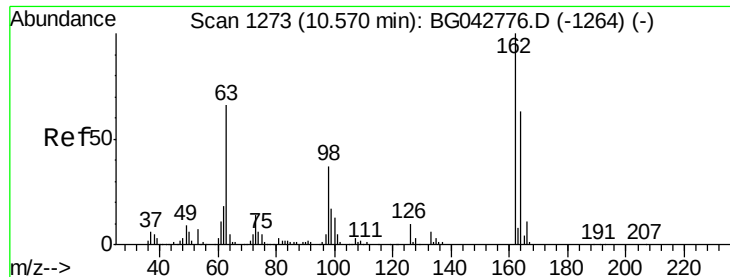
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 125.0 | 98.9  | 148.3 |
| 121     | 59.4  | 46.2  | 69.2  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 38.288 ng  
 RT: 10.33 min Scan# 1232  
 Delta R.T. -0.00 min  
 Lab File: BG042836.D  
 Acq: 14 Sep 2019 5:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.7  | 26.6  | 40.0  |
| 123     | 12.0  | 9.0   | 13.6  |

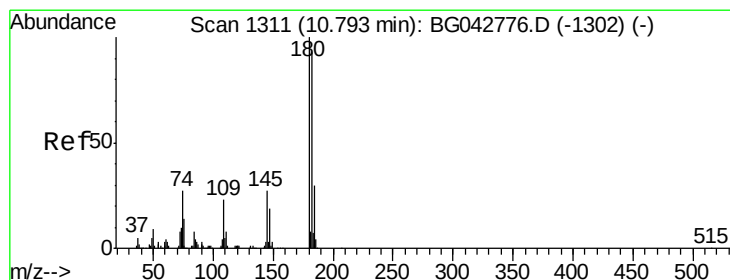
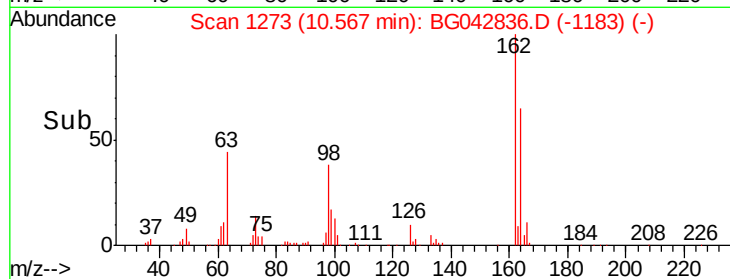
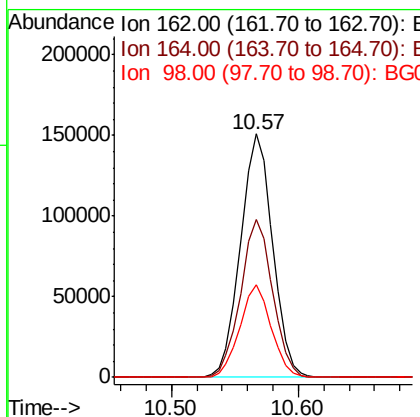
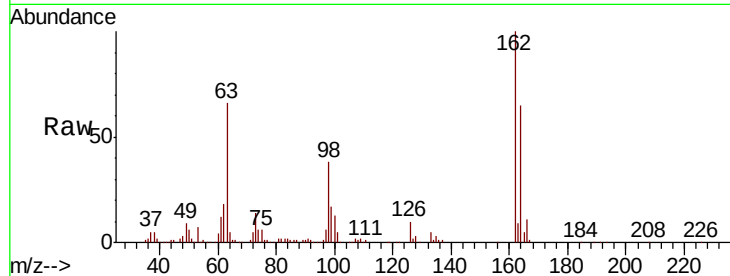




#29  
 2,4-Dichlorophenol  
 Concen: 40.040 ng  
 RT: 10.57 min Scan# 1273  
 Delta R.T. -0.00 min  
 Lab File: BG042836.D  
 Acq: 14 Sep 2019 5:21

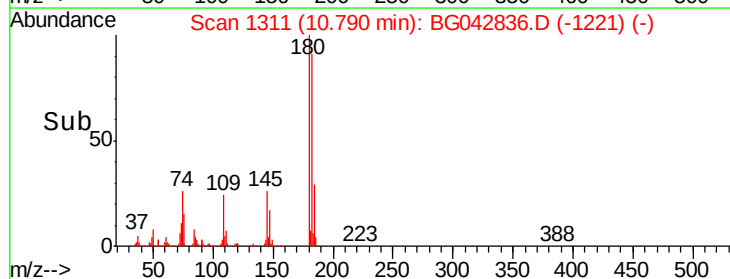
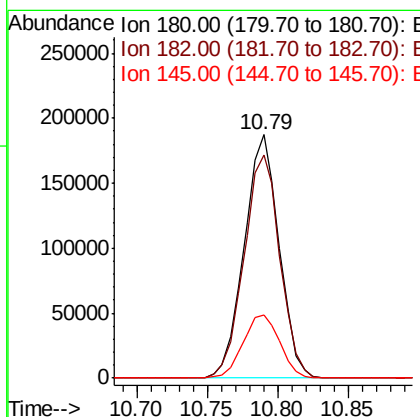
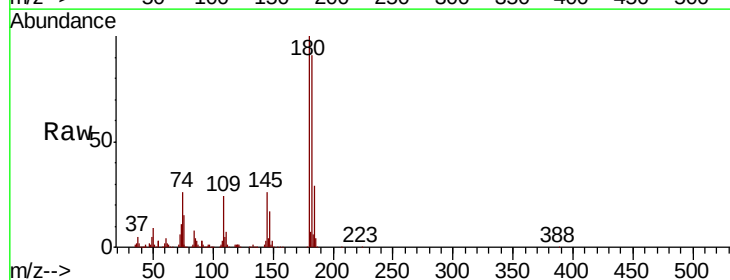
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTCCCC040

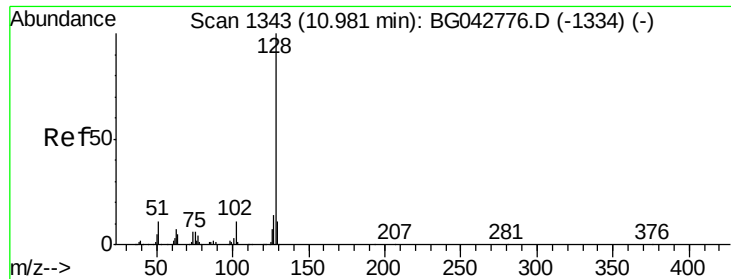
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.6  | 43.4  | 83.4  |
| 98      | 38.1  | 17.0  | 57.0  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.975 ng  
 RT: 10.79 min Scan# 1311  
 Delta R.T. -0.00 min  
 Lab File: BG042836.D  
 Acq: 14 Sep 2019 5:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 91.5  | 74.6  | 112.0 |
| 145     | 25.8  | 21.8  | 32.6  |

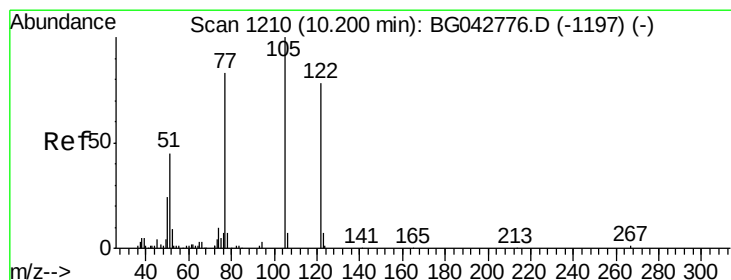
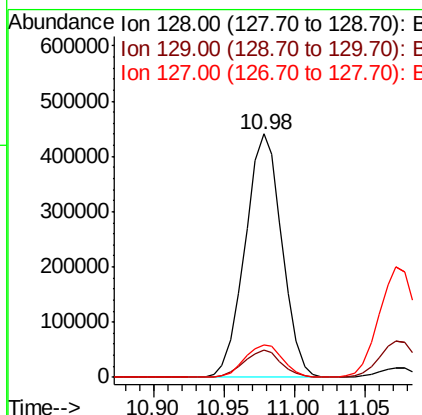
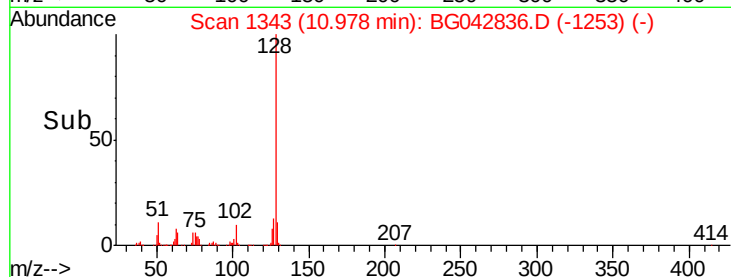
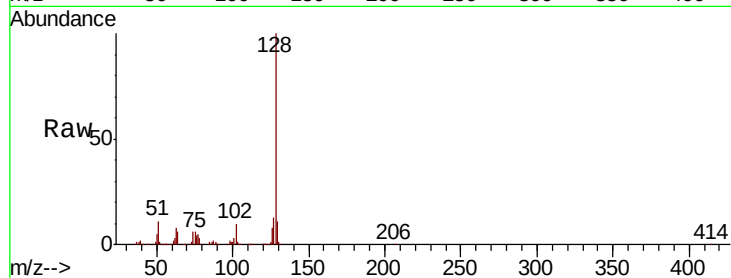




#31  
Naphthalene  
Concen: 40.027 ng  
RT: 10.98 min Scan# 1343  
Delta R.T. -0.00 min  
Lab File: BG042836.D  
Acq: 14 Sep 2019 5:21

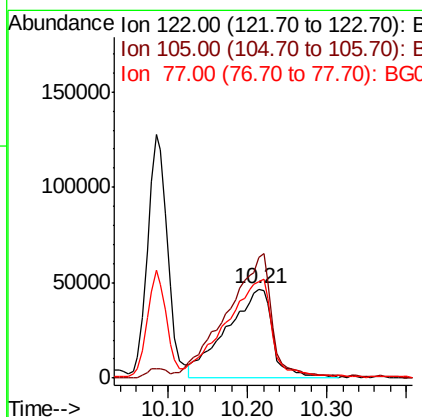
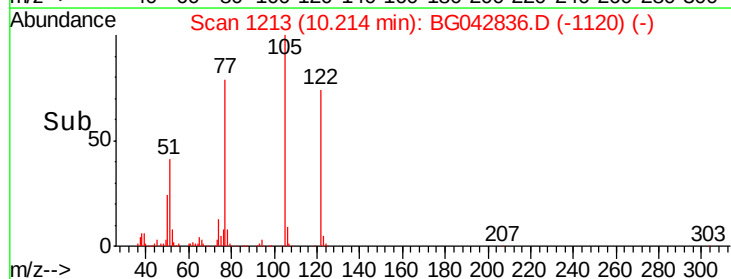
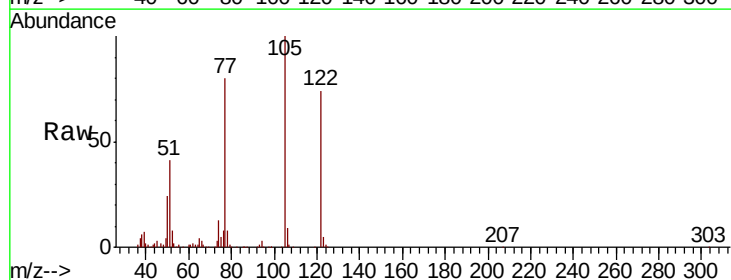
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

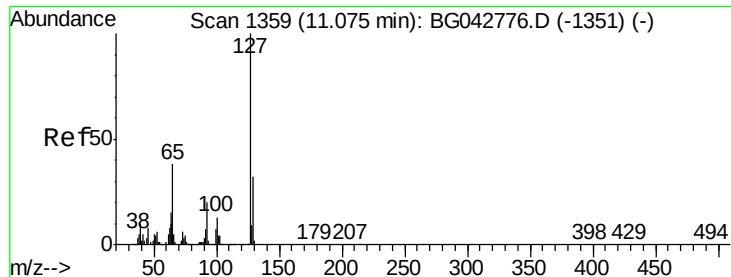
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.0  | 9.0   | 13.6  |
| 127     | 13.5  | 11.4  | 17.2  |



#32  
Benzoic acid  
Concen: 42.190 ng  
RT: 10.21 min Scan# 1213  
Delta R.T. 0.02 min  
Lab File: BG042836.D  
Acq: 14 Sep 2019 5:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 135.8 | 104.0 | 144.0 |
| 77      | 108.2 | 84.2  | 124.2 |

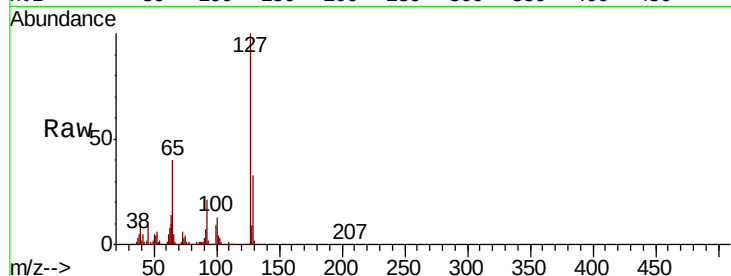




#33  
4-Chloroaniline  
Concen: 39.306 ng  
RT: 11.07 min Scan# 1359  
Delta R.T. -0.00 min  
Lab File: BG042836.D  
Acq: 14 Sep 2019 5:21

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 369100 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.2  | 25.8  | 38.6   |
| 65       | 39.9  | 30.5  | 45.7   |
| 92       | 20.6  | 15.9  | 23.9   |



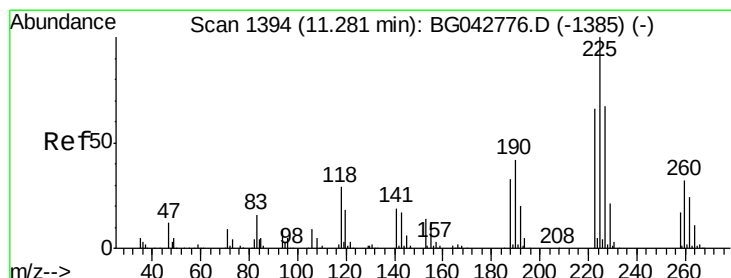
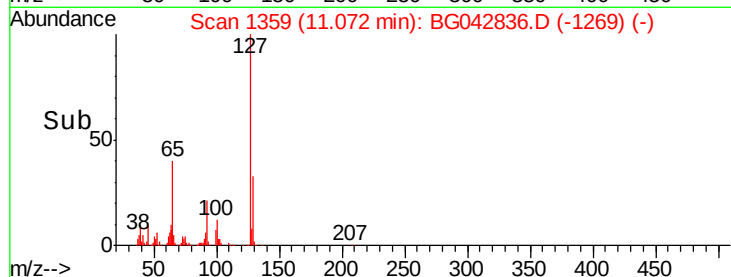
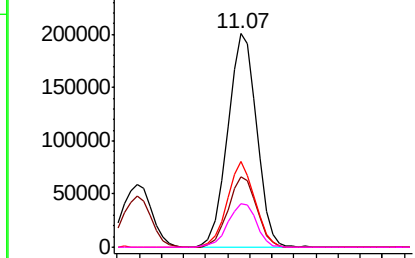
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

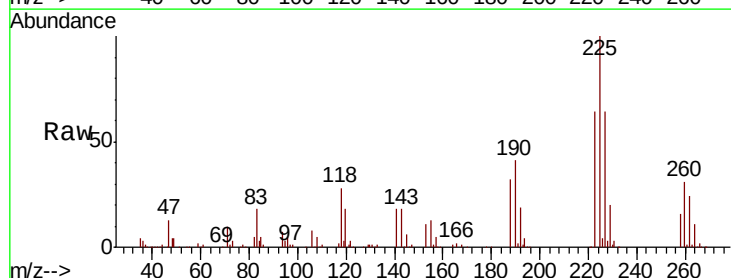
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34  
Hexachlorobutadiene  
Concen: 38.849 ng  
RT: 11.27 min Scan# 1393  
Delta R.T. -0.01 min  
Lab File: BG042836.D  
Acq: 14 Sep 2019 5:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 220373 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.9  | 52.6  | 79.0   |
| 227      | 64.4  | 53.6  | 80.4   |

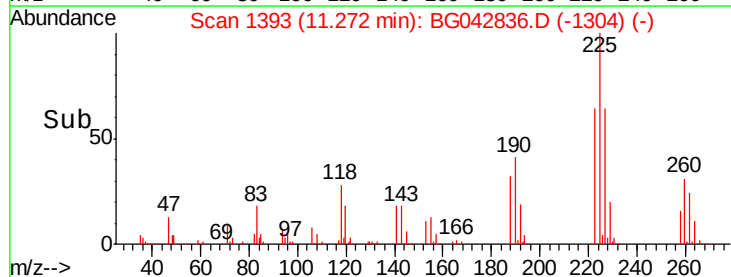
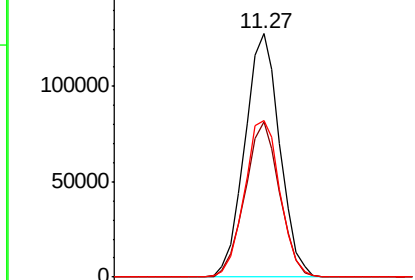


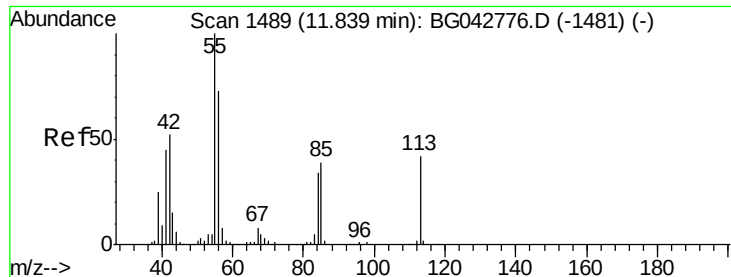
Abundance

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

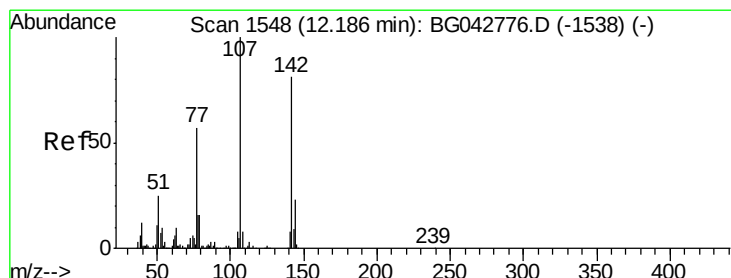
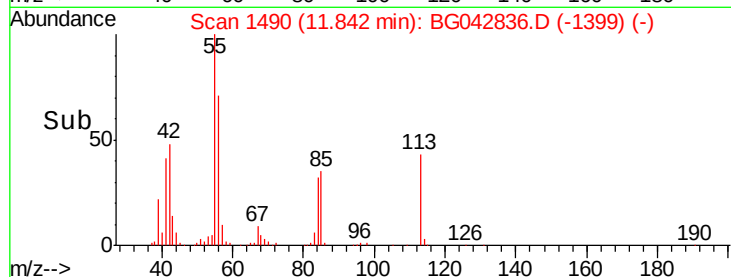
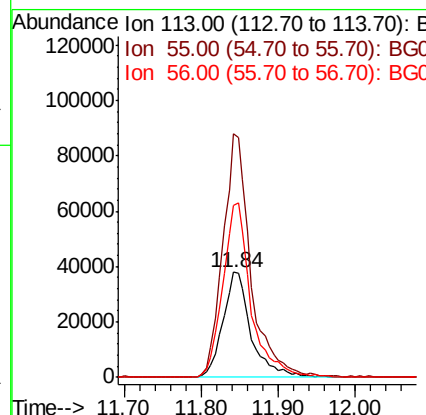
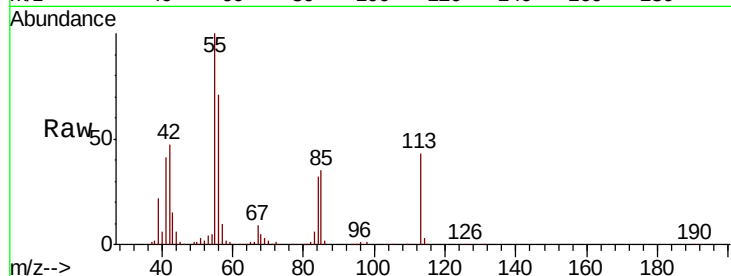




#35  
 Caprolactam  
 Concen: 38.804 ng  
 RT: 11.84 min Scan# 1490  
 Delta R.T. 0.00 min  
 Lab File: BG042836.D  
 Acq: 14 Sep 2019 5:21

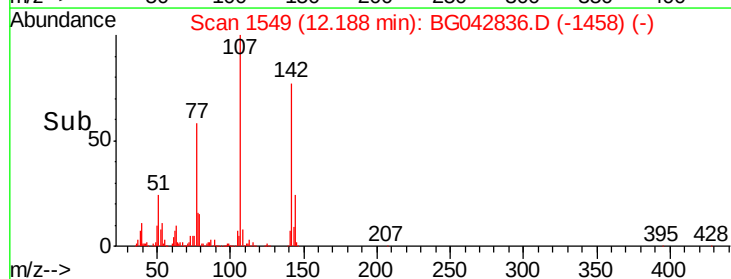
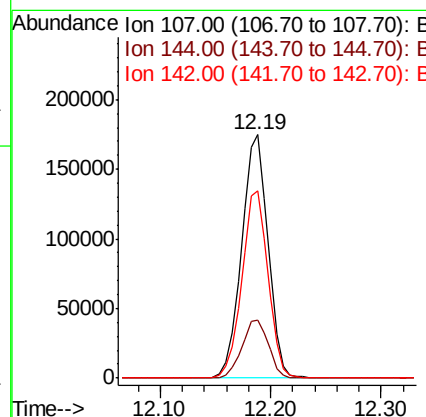
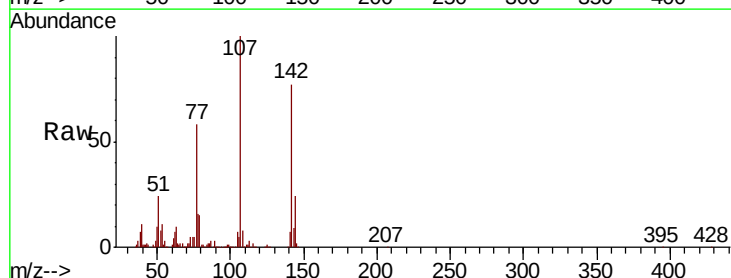
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

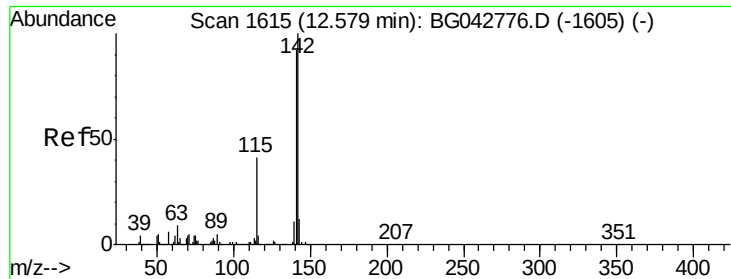
Tot Ion:113 Resp: 95691  
 Ion Ratio Lower Upper  
 113 100  
 55 231.5 218.4 258.4  
 56 163.5 154.8 194.8



#36  
 4-Chloro-3-methylphenol  
 Concen: 40.832 ng  
 RT: 12.19 min Scan# 1549  
 Delta R.T. 0.00 min  
 Lab File: BG042836.D  
 Acq: 14 Sep 2019 5:21

Tgt Ion:107 Resp: 293998  
 Ion Ratio Lower Upper  
 107 100  
 144 24.1 18.7 28.1  
 142 76.8 65.0 97.4

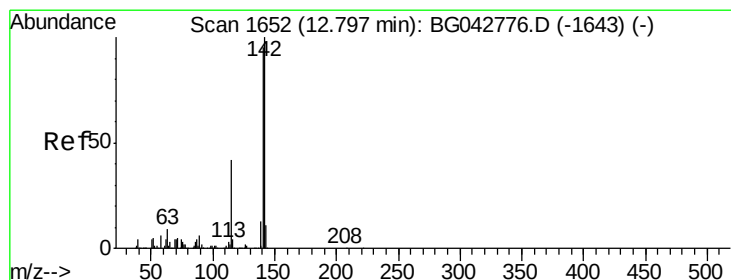
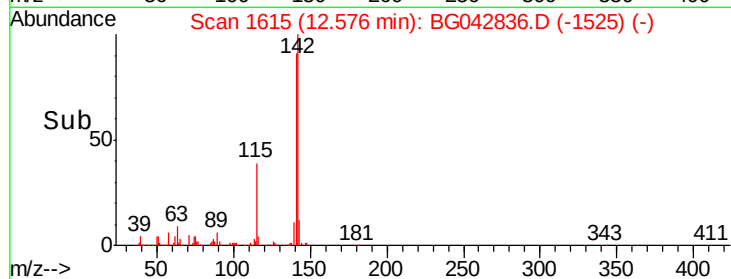
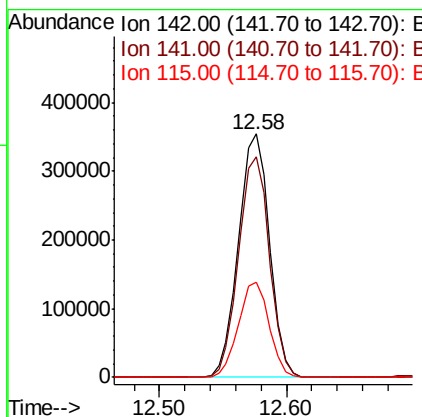
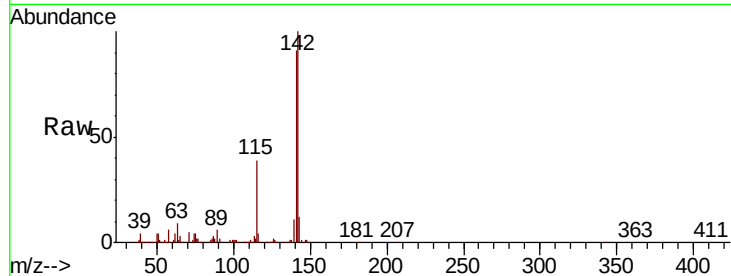




#37  
2-Methylnaphthalene  
Concen: 39.886 ng  
RT: 12.58 min Scan# 1615  
Delta R.T. -0.00 min  
Lab File: BG042836.D  
Acq: 14 Sep 2019 5:21

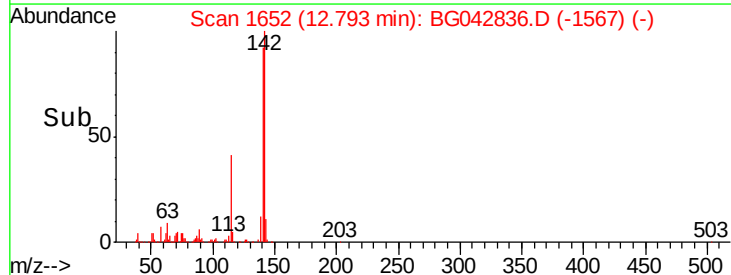
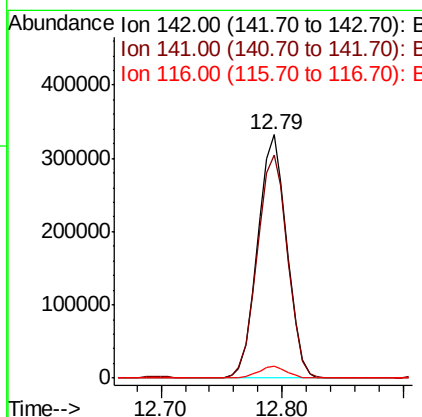
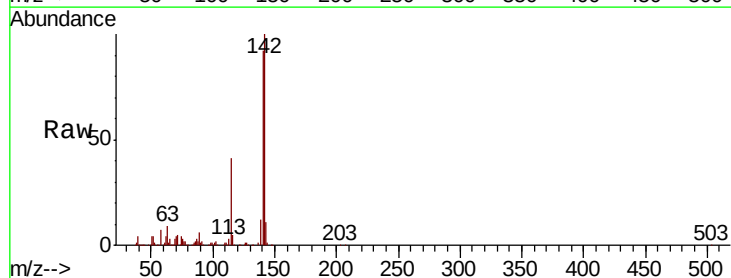
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

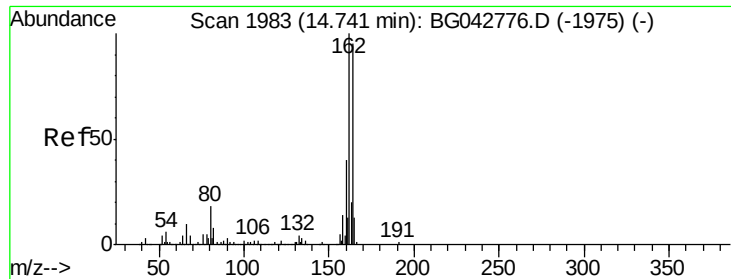
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.7  | 73.8  | 110.8 |
| 115     | 39.1  | 33.0  | 49.4  |



#38  
1-Methylnaphthalene  
Concen: 39.338 ng  
RT: 12.79 min Scan# 1652  
Delta R.T. -0.00 min  
Lab File: BG042836.D  
Acq: 14 Sep 2019 5:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.7  | 76.3  | 114.5 |
| 116     | 4.8   | 3.4   | 5.0   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

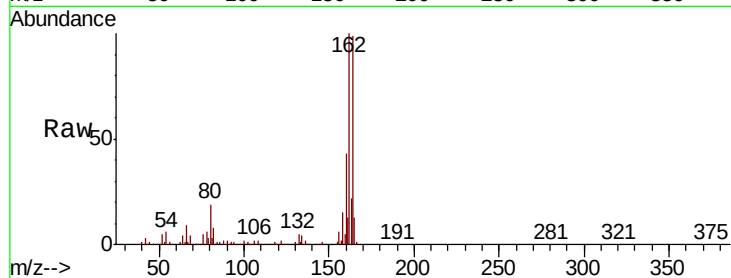
Tot Ion:164 Resp: 277658

Ion Ratio Lower Upper

164 100

162 101.2 84.6 126.8

160 43.9 34.2 51.2

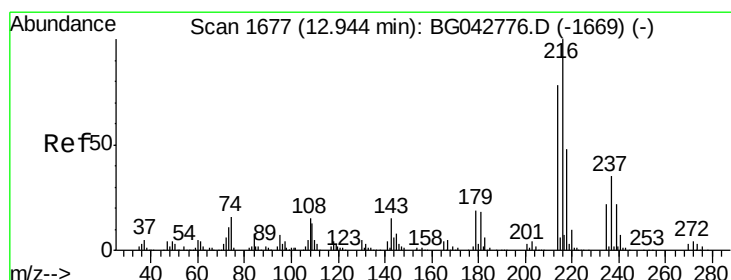
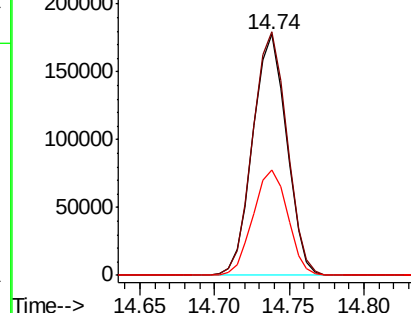
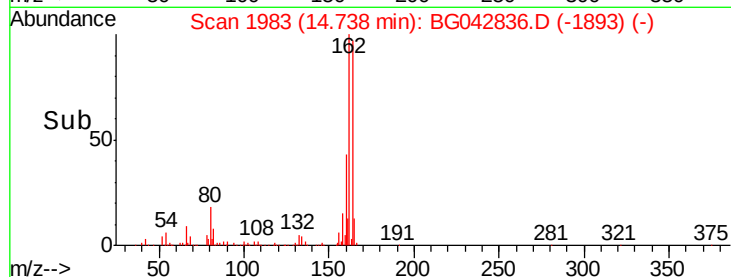


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.848 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

Tgt Ion:216 Resp: 365613

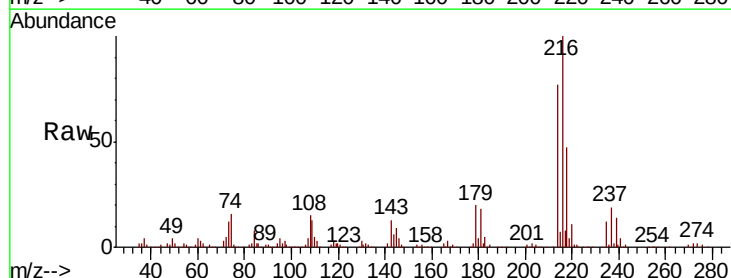
Ion Ratio Lower Upper

216 100

214 78.5 62.8 94.2

179 19.6 15.3 22.9

108 16.1 12.9 19.3



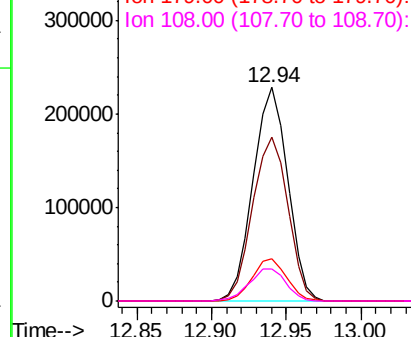
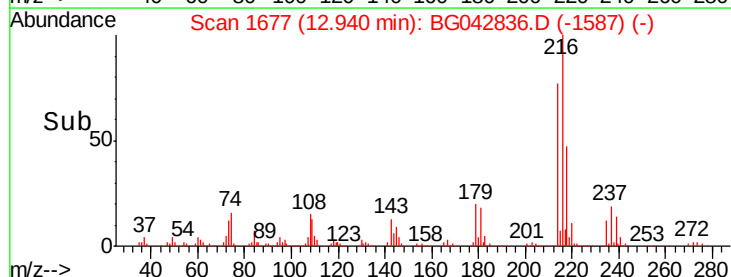
Abundance

Ion 216.00 (215.70 to 216.70): E

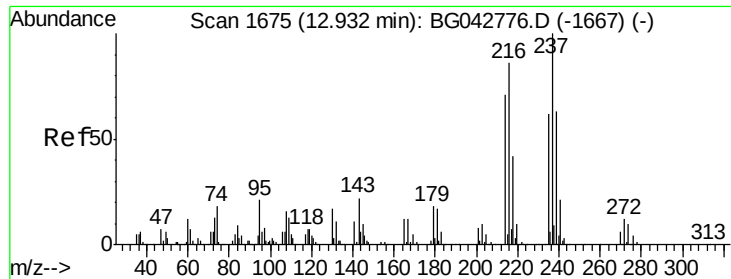
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 33.392 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

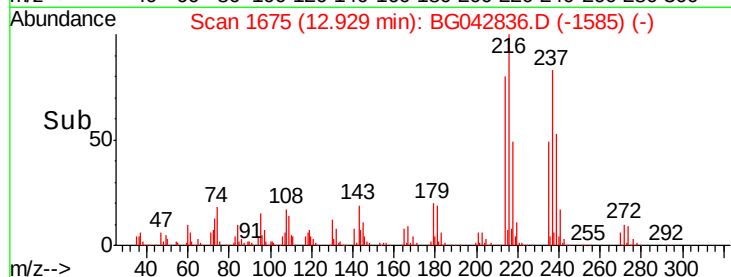
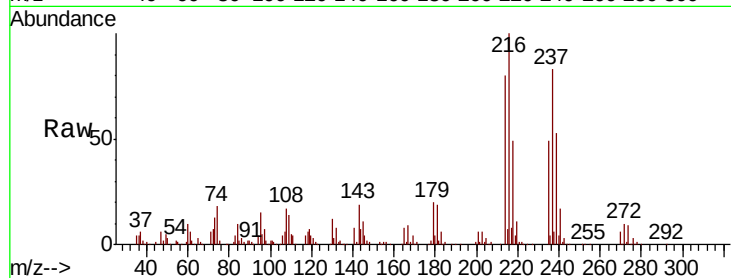
Tot Ion:237 Resp: 175513

Ion Ratio Lower Upper

237 100

235 58.8 41.9 81.9

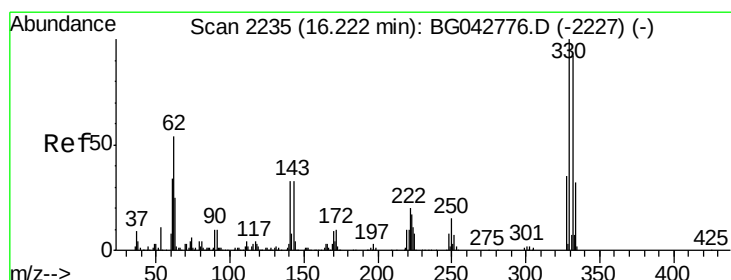
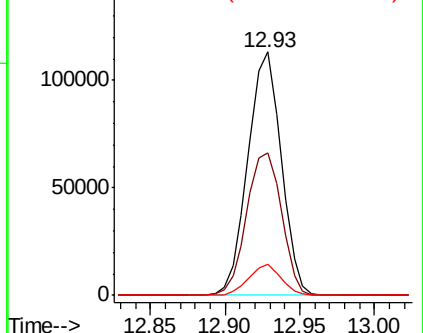
272 12.7 0.0 31.6



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: 78.468 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

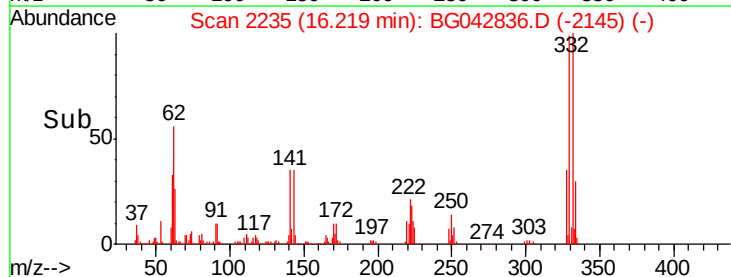
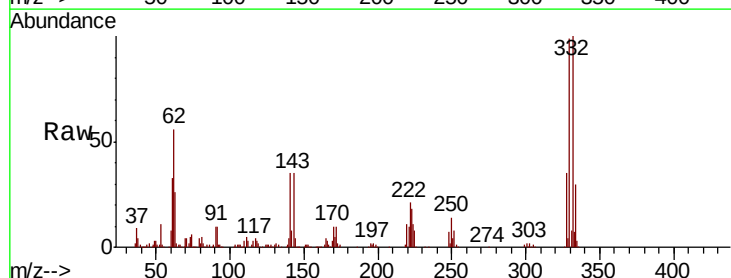
Tgt Ion:330 Resp: 289863

Ion Ratio Lower Upper

330 100

332 97.5 76.7 115.1

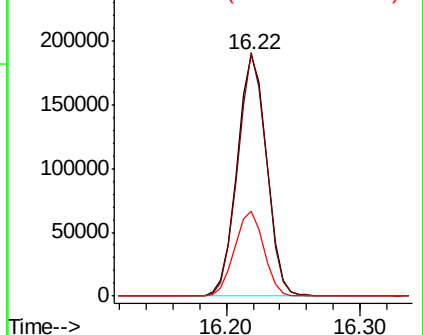
141 35.0 27.0 40.6

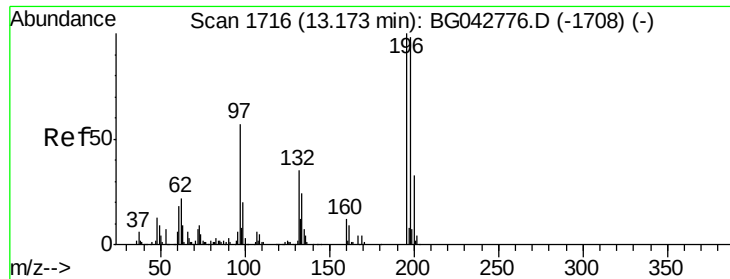


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

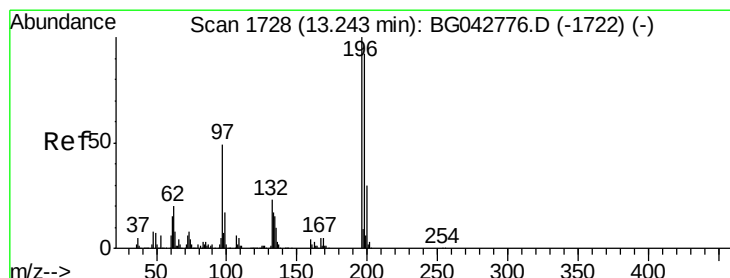
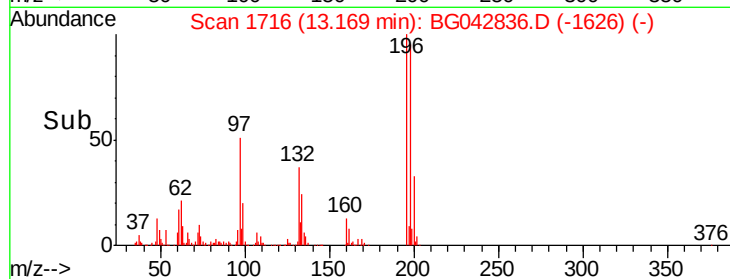
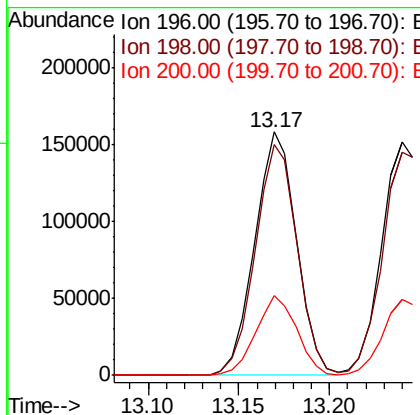
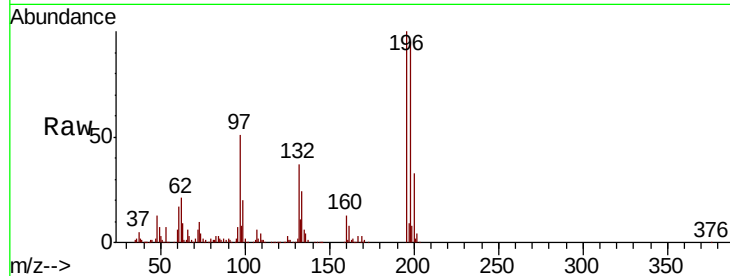




#43  
 2,4,6-Trichlorophenol  
 Concen: 41.316 ng  
 RT: 13.17 min Scan# 1716  
 Delta R.T. -0.00 min  
 Lab File: BG042836.D  
 Acq: 14 Sep 2019 5:21

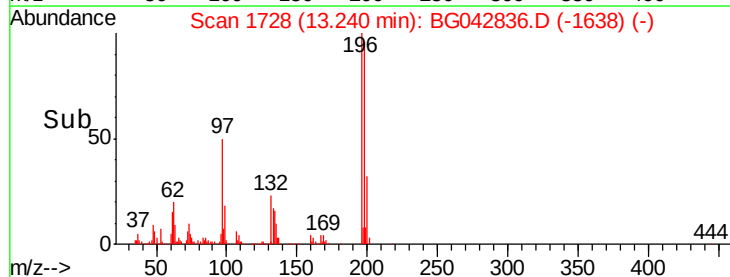
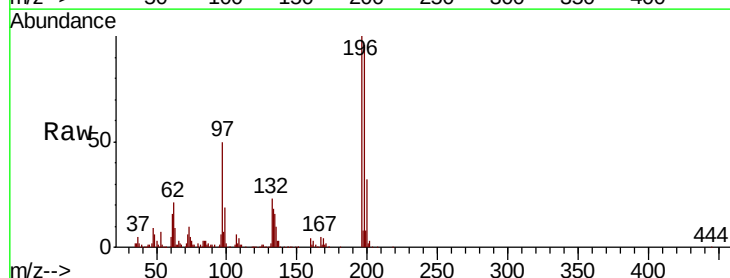
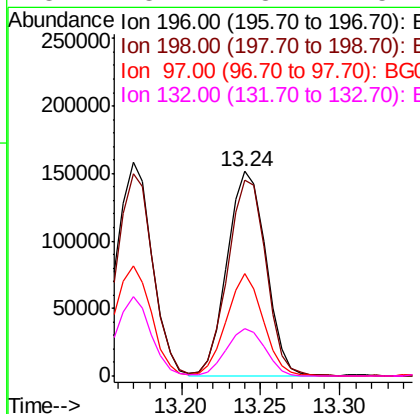
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

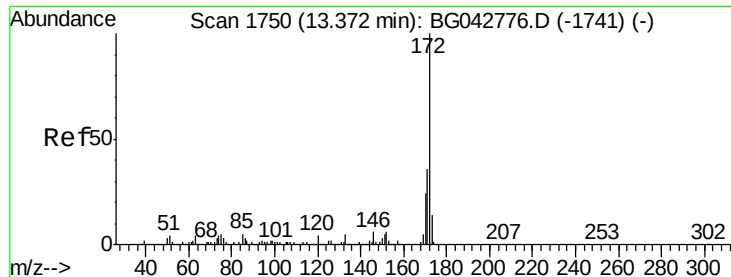
| Tot Ion   | 196   | Resp  | 252374 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 94.9  | 78.8  | 118.2  |
| 200       | 32.6  | 26.2  | 39.4   |



#44  
 2,4,5-Trichlorophenol  
 Concen: 40.884 ng  
 RT: 13.24 min Scan# 1728  
 Delta R.T. -0.00 min  
 Lab File: BG042836.D  
 Acq: 14 Sep 2019 5:21

| Tgt Ion   | 196   | Resp  | 255797 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.9  | 73.4  | 110.0  |
| 97        | 49.9  | 39.2  | 58.8   |
| 132       | 23.1  | 18.7  | 28.1   |



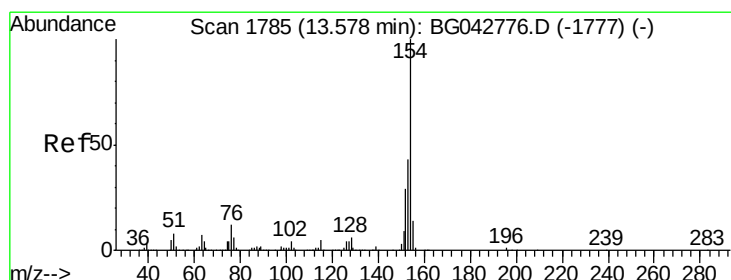
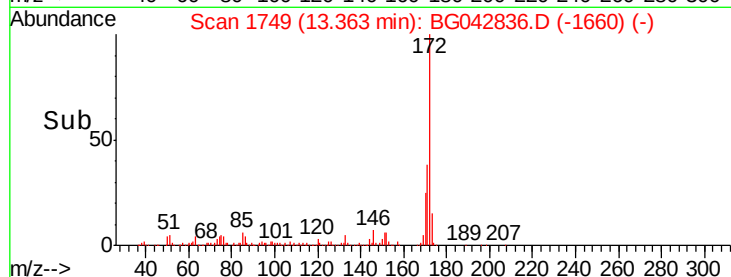
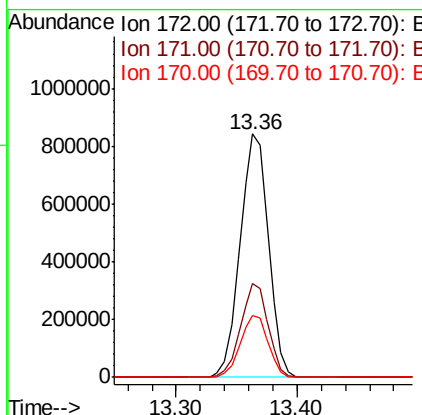
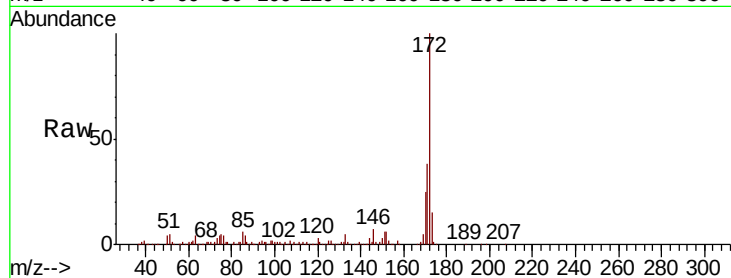


#45  
 2-Fluorobiphenyl  
 Concen: 78.463 ng  
 RT: 13.36 min Scan# 1749  
 Delta R.T. -0.01 min  
 Lab File: BG042836.D  
 Acq: 14 Sep 2019 5:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:172 Resp: 1376299

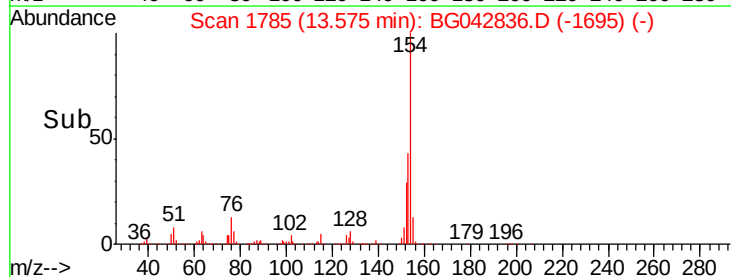
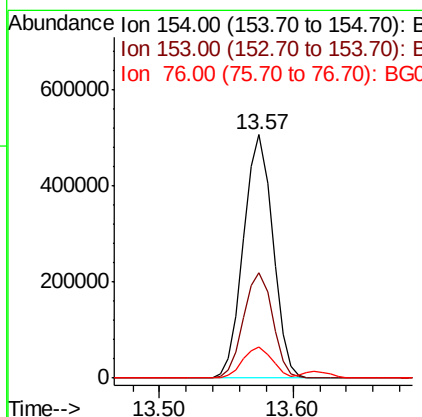
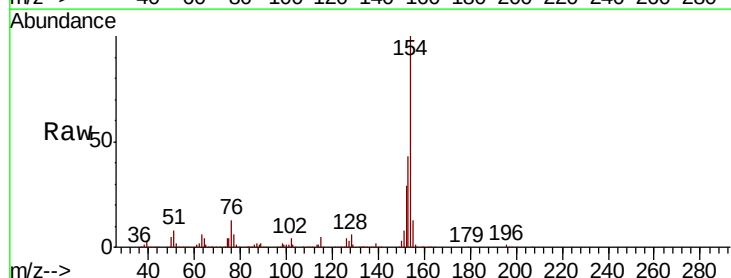
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 38.3  | 28.9  | 43.3  |
| 170 | 25.4  | 19.1  | 28.7  |

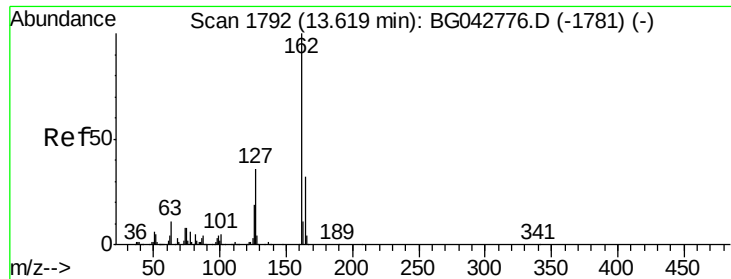


#46  
 1,1'-Biphenyl  
 Concen: 39.529 ng  
 RT: 13.57 min Scan# 1785  
 Delta R.T. -0.00 min  
 Lab File: BG042836.D  
 Acq: 14 Sep 2019 5:21

Tgt Ion:154 Resp: 768360

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 43.0  | 22.6  | 62.6  |
| 76  | 12.8  | 0.0   | 32.2  |

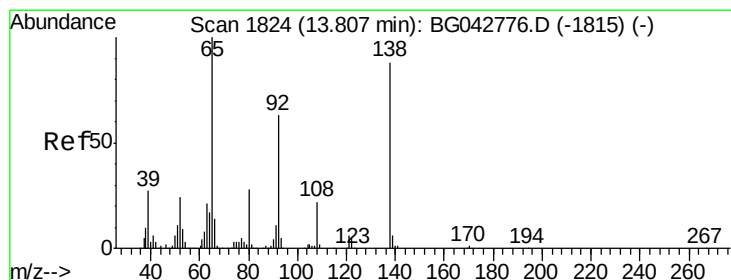
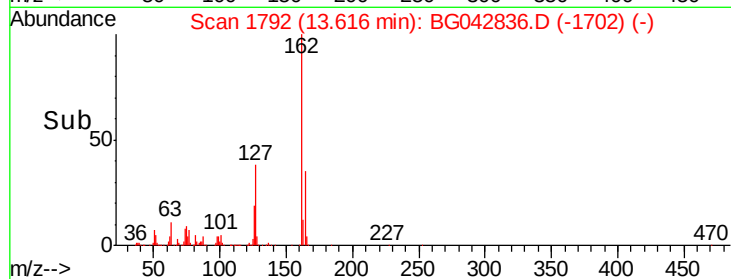
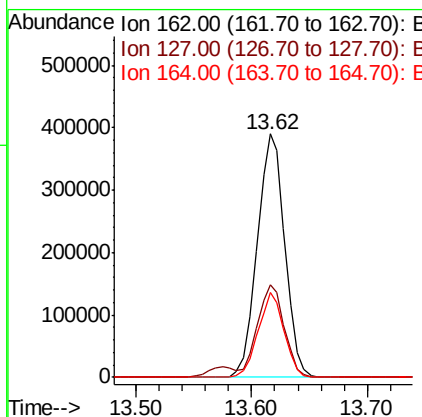
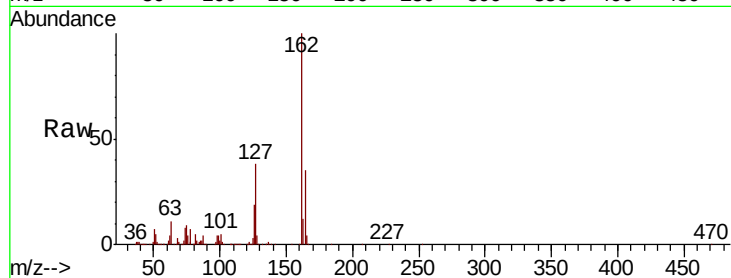




#47  
 2-Chloronaphthalene  
 Concen: 40.181 ng  
 RT: 13.62 min Scan# 1792  
 Delta R.T. -0.00 min  
 Lab File: BG042836.D  
 Acq: 14 Sep 2019 5:21

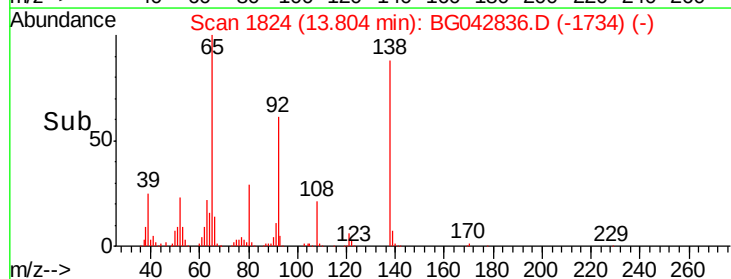
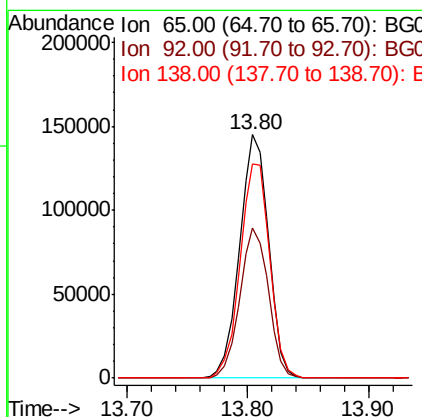
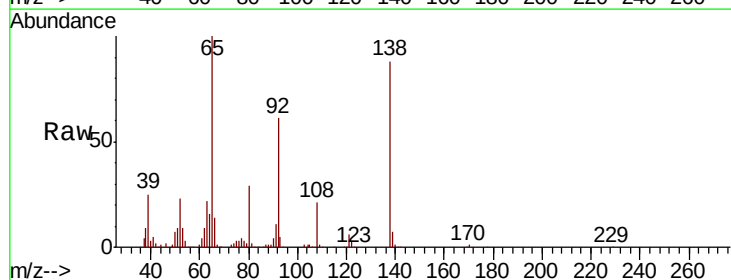
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

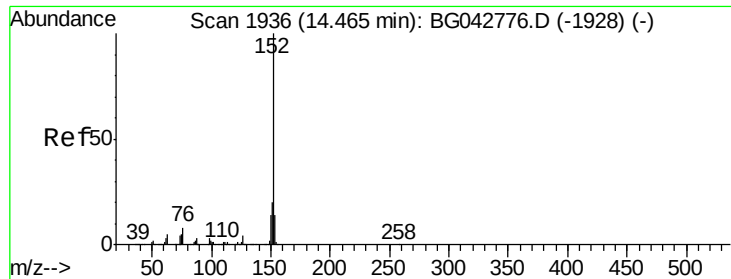
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.0  | 29.3  | 43.9  |
| 164     | 35.1  | 26.0  | 39.0  |



#48  
 2-Nitroaniline  
 Concen: 43.510 ng  
 RT: 13.80 min Scan# 1824  
 Delta R.T. -0.00 min  
 Lab File: BG042836.D  
 Acq: 14 Sep 2019 5:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 61.5  | 50.4  | 75.6  |
| 138     | 87.7  | 70.6  | 106.0 |





#49

Acenaphthylene

Concen: 39.549 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

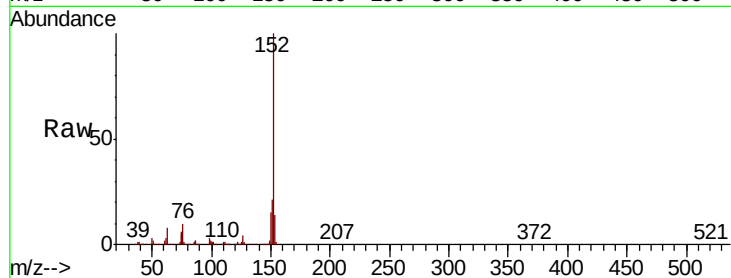
Tot Ion:152 Resp: 971797

Ion Ratio Lower Upper

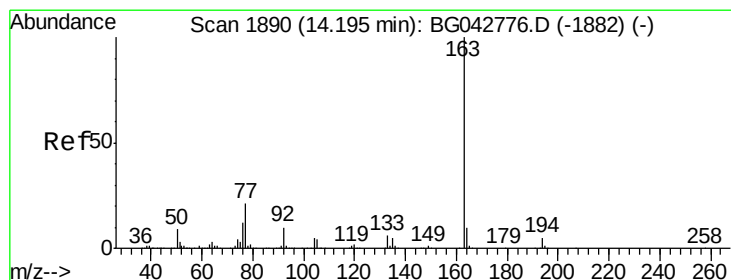
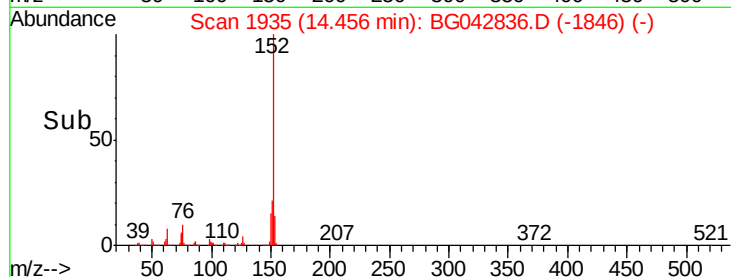
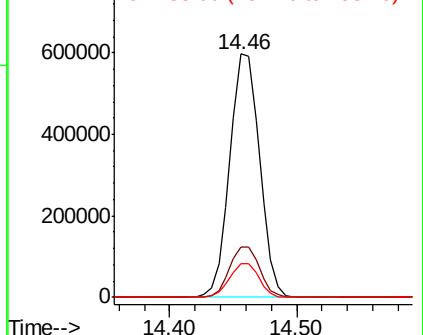
152 100

151 20.9 16.0 24.0

153 14.0 11.4 17.0



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



#50

Dimethylphthalate

Concen: 38.218 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

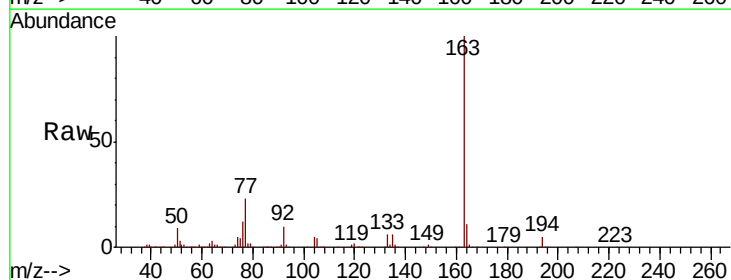
Tgt Ion:163 Resp: 794940

Ion Ratio Lower Upper

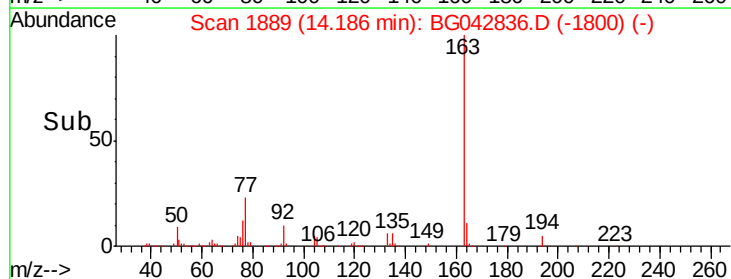
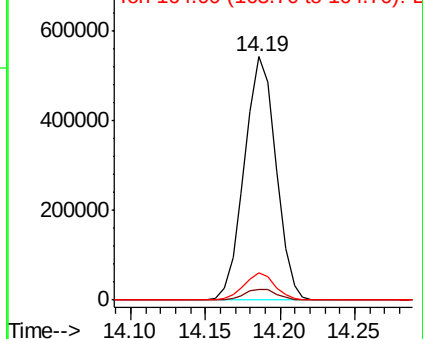
163 100

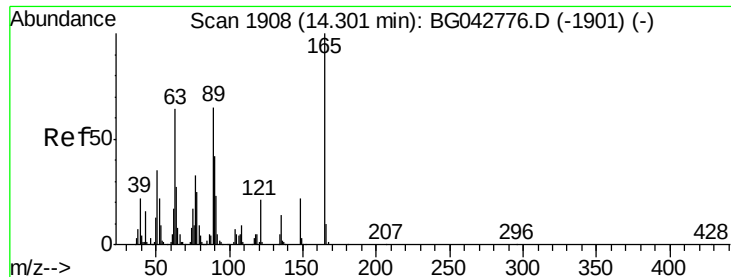
194 4.5 4.2 6.4

164 11.3 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: 42.097 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

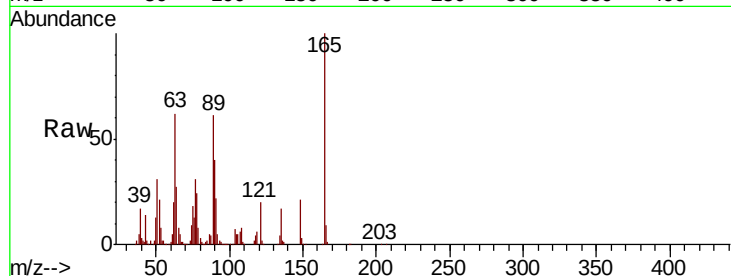
Tot Ion:165 Resp: 179671

Ion Ratio Lower Upper

165 100

63 62.3 52.1 78.1

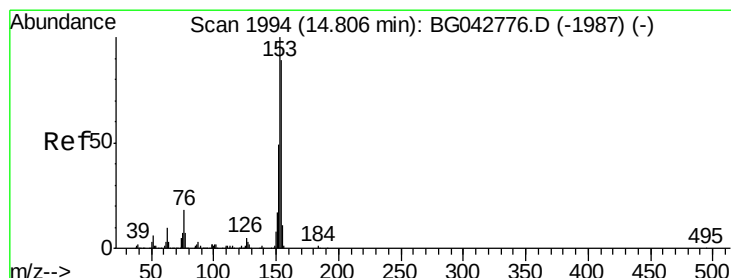
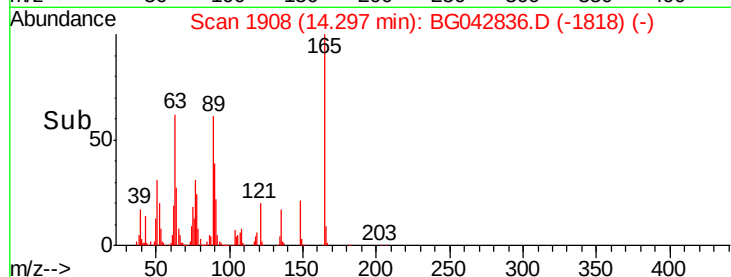
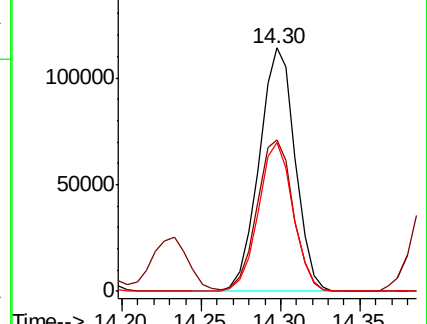
89 61.2 51.7 77.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 39.336 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

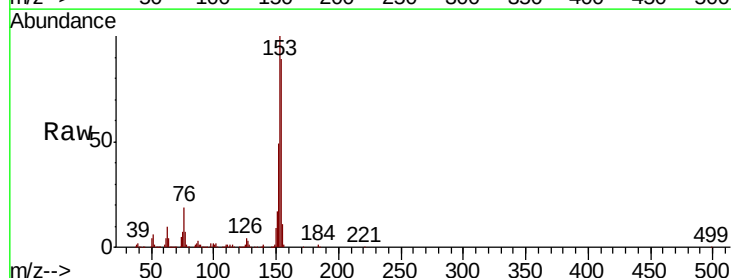
Tgt Ion:154 Resp: 631458

Ion Ratio Lower Upper

154 100

153 112.3 89.4 134.2

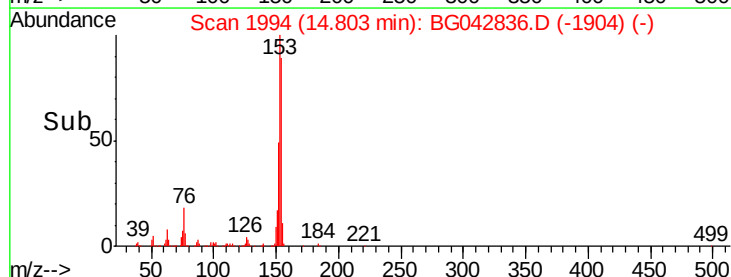
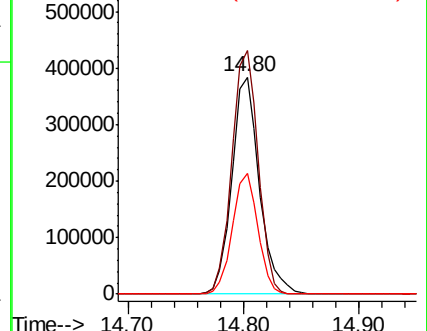
152 55.5 43.5 65.3

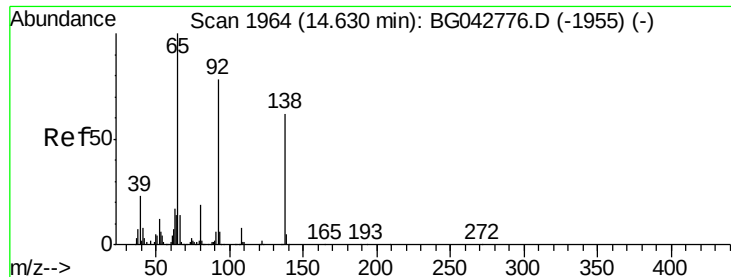


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 40.257 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

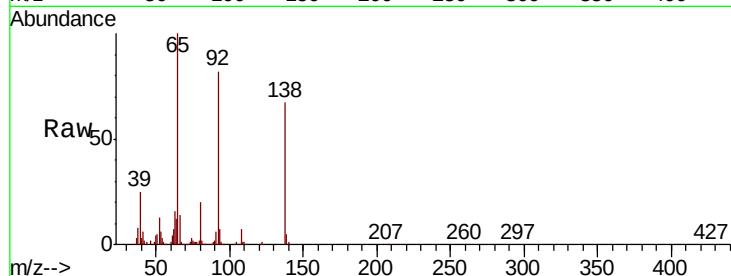
Tot Ion:138 Resp: 192831

Ion Ratio Lower Upper

138 100

108 10.9 10.7 16.1

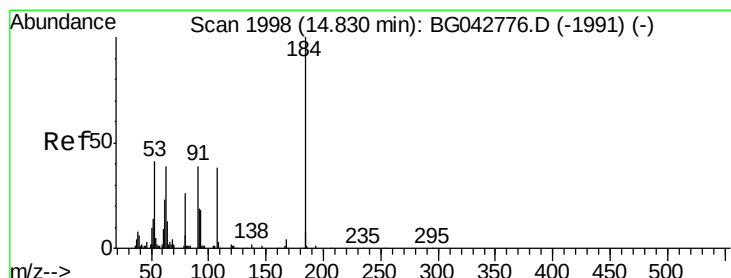
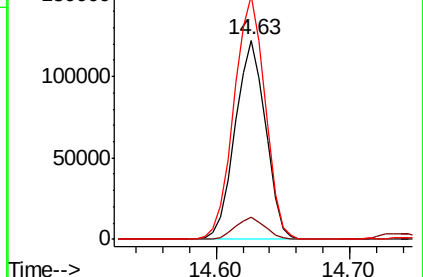
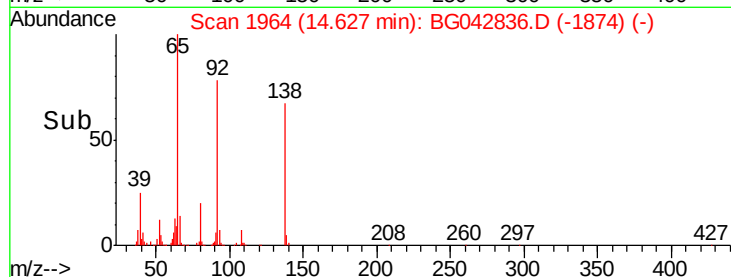
92 122.3 100.5 150.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 36.024 ng

RT: 14.83 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

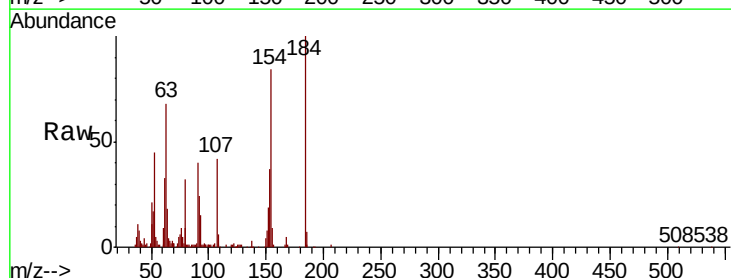
Tgt Ion:184 Resp: 75689

Ion Ratio Lower Upper

184 100

63 68.2 46.2 69.4

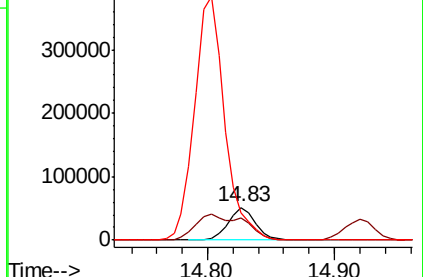
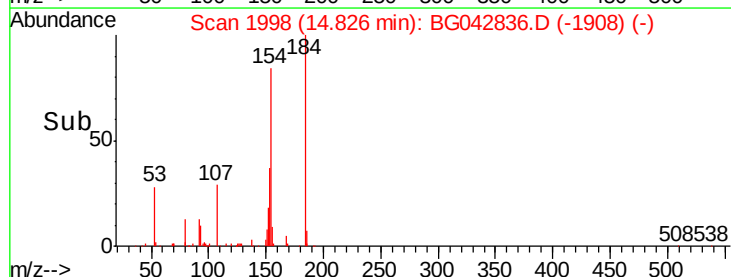
154 83.6 81.3 121.9

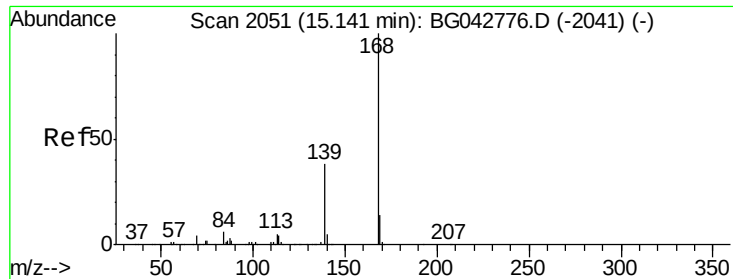


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

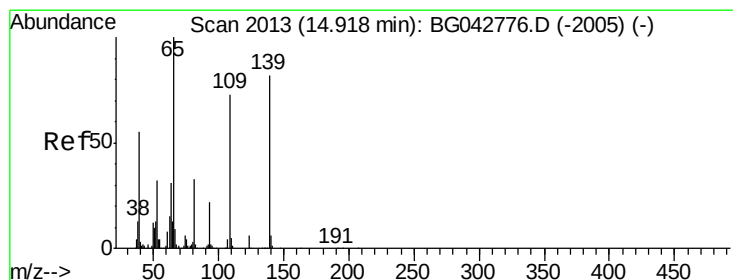
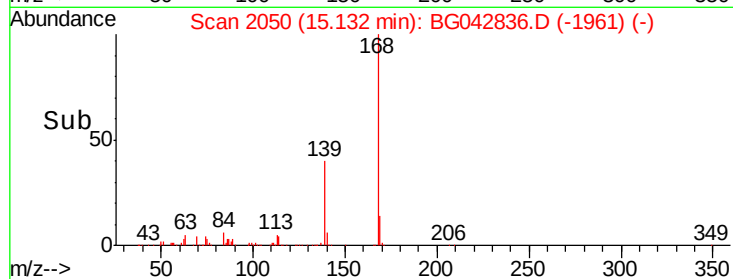
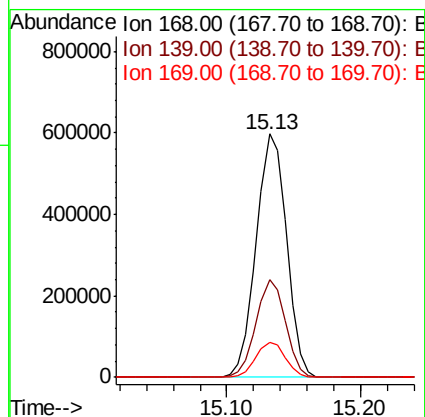
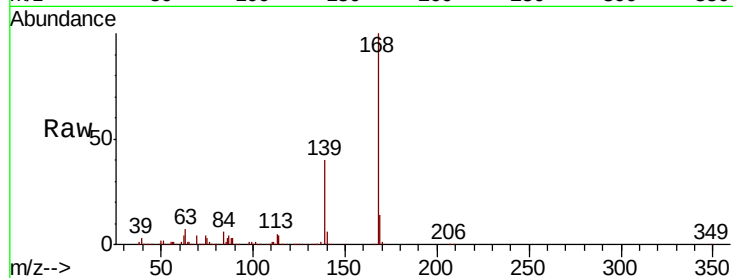




#55  
Dibenzenofuran  
Concen: 39.290 ng  
RT: 15.13 min Scan# 2050  
Delta R.T. -0.01 min  
Lab File: BG042836.D  
Acq: 14 Sep 2019 5:21

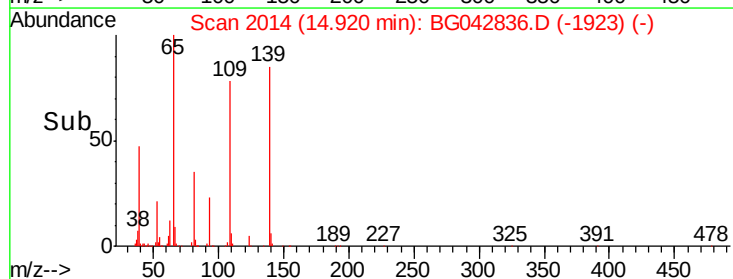
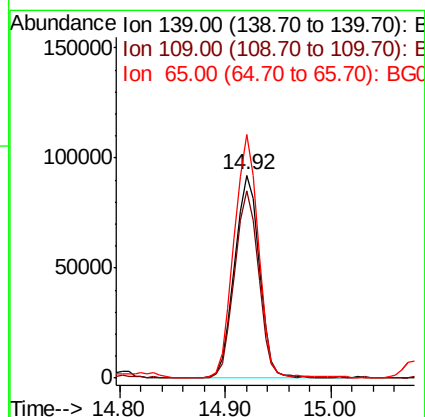
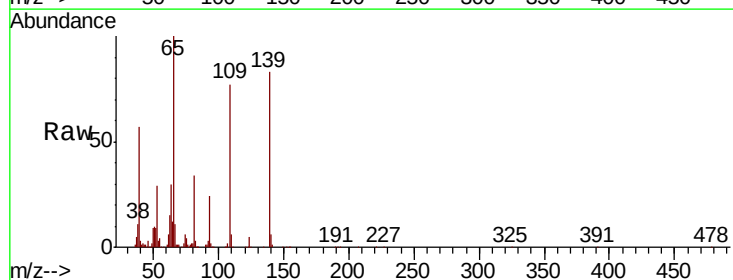
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:168 Resp: 937504  
Ion Ratio Lower Upper  
168 100  
139 40.3 30.2 45.4  
169 14.4 11.2 16.8

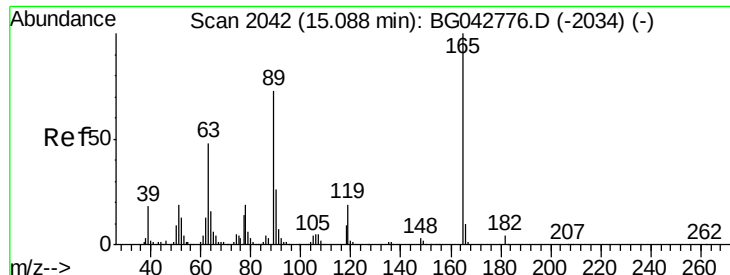


#56  
4-Nitrophenol  
Concen: 40.360 ng  
RT: 14.92 min Scan# 2014  
Delta R.T. 0.00 min  
Lab File: BG042836.D  
Acq: 14 Sep 2019 5:21

Tgt Ion:139 Resp: 149476  
Ion Ratio Lower Upper  
139 100  
109 92.6 69.4 109.4  
65 120.0 102.5 142.5



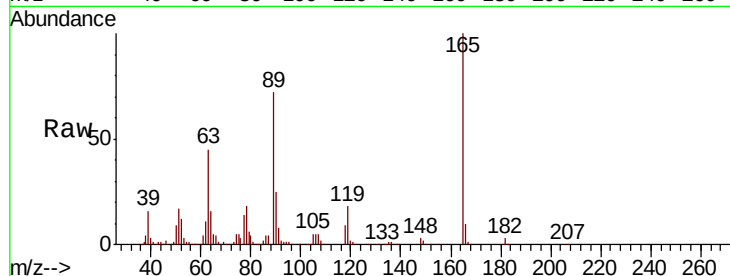




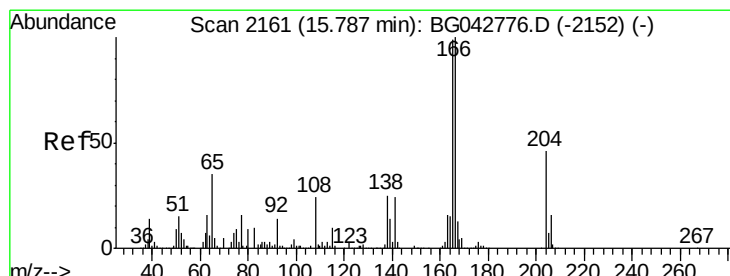
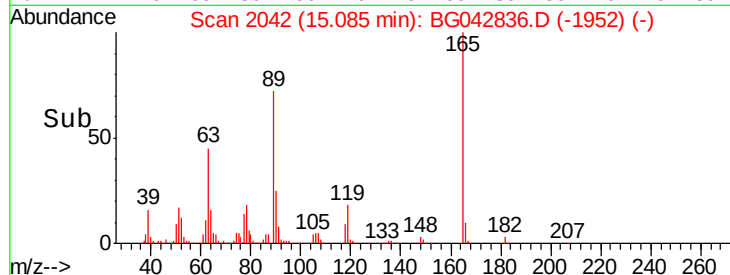
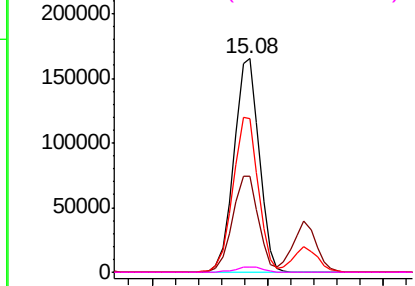
#57  
 2,4-Dinitrotoluene  
 Concen: 43.717 ng  
 RT: 15.08 min Scan# 2042  
 Delta R.T. -0.00 min  
 Lab File: BG042836.D  
 Acq: 14 Sep 2019 5:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:165 | Resp: | 248698    |
| Ion Ratio   | Lower | Upper     |
| 165         | 100   |           |
| 63          | 45.2  | 38.3 57.5 |
| 89          | 72.2  | 58.4 87.6 |
| 182         | 2.5   | 2.9 4.3#  |

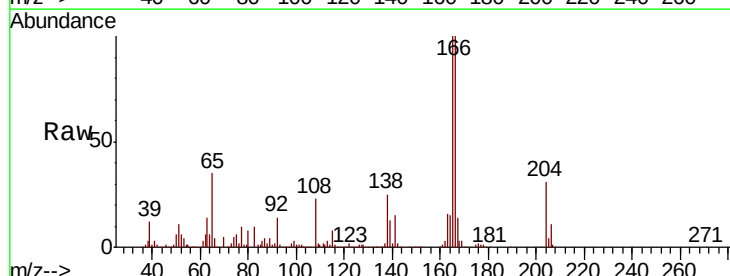


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 89.00 (88.70 to 89.70): BG  
 Ion 182.00 (181.70 to 182.70): E

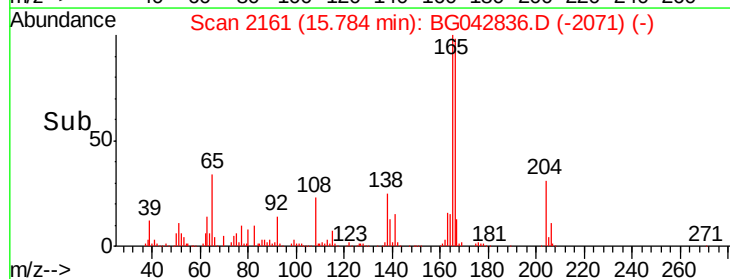
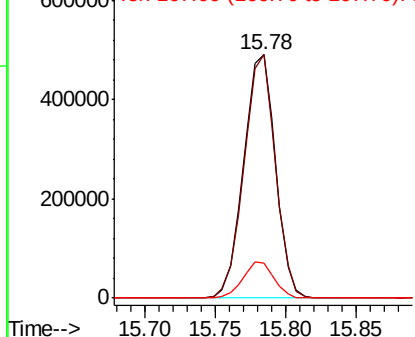


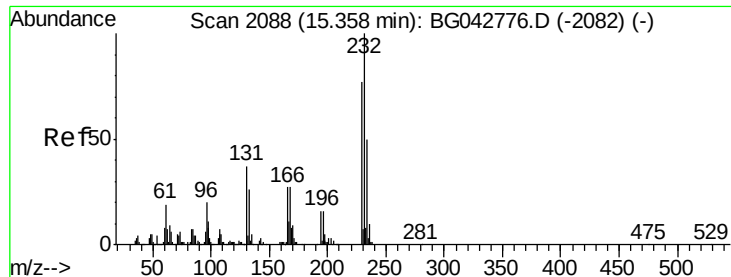
#58  
 Fluorene  
 Concen: 39.186 ng  
 RT: 15.78 min Scan# 2161  
 Delta R.T. -0.00 min  
 Lab File: BG042836.D  
 Acq: 14 Sep 2019 5:21

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:166 | Resp: | 774908     |
| Ion Ratio   | Lower | Upper      |
| 166         | 100   |            |
| 165         | 100.0 | 79.1 118.7 |
| 167         | 14.4  | 10.7 16.1  |



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: 40.183 ng

RT: 15.36 min Scan# 2088

Delta R.T. -0.00 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 243715

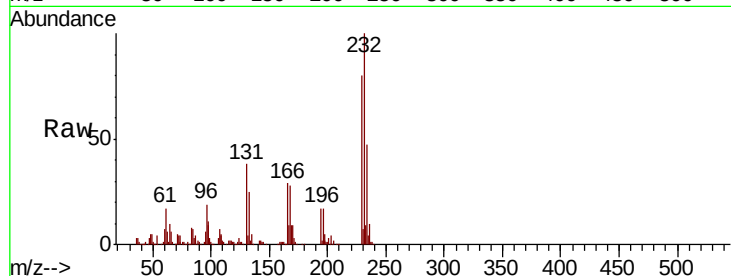
Ion Ratio Lower Upper

232 100

131 39.4 31.1 46.7

130 2.2 1.8 2.6

166 28.2 21.7 32.5

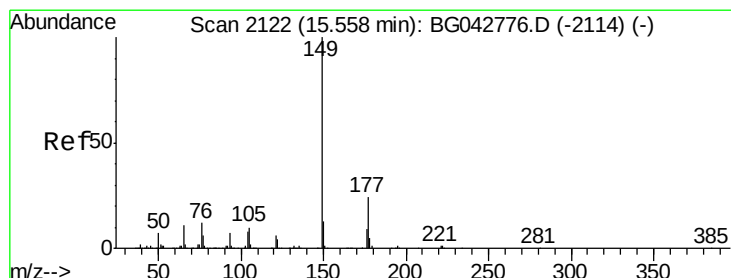
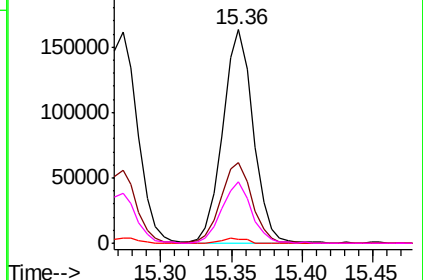
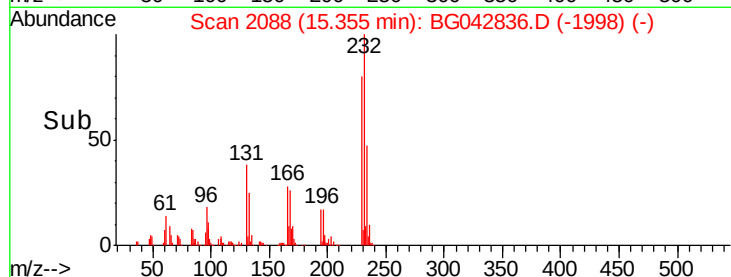


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 38.009 ng

RT: 15.55 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

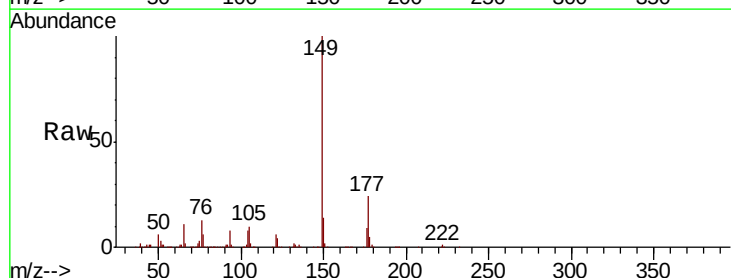
Tgt Ion:149 Resp: 802516

Ion Ratio Lower Upper

149 100

177 24.5 19.4 29.0

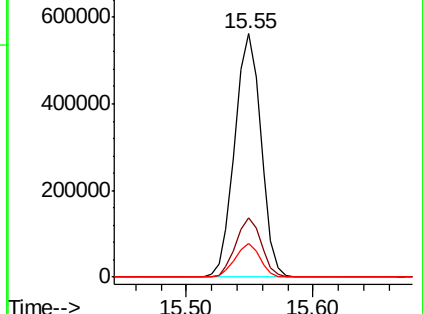
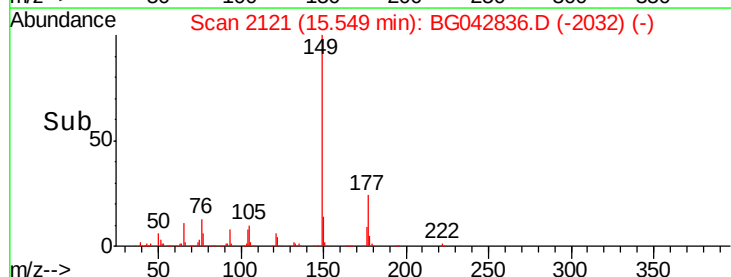
150 13.7 10.2 15.4

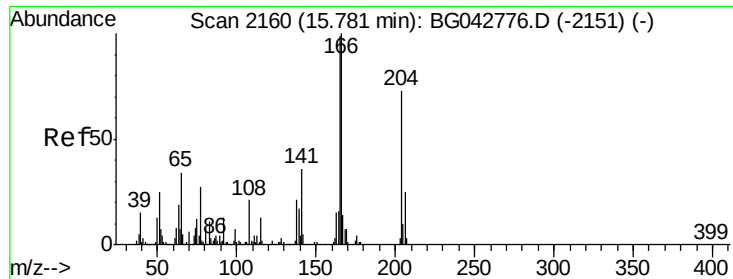


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

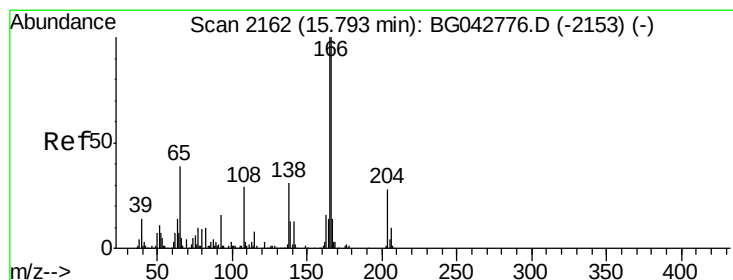
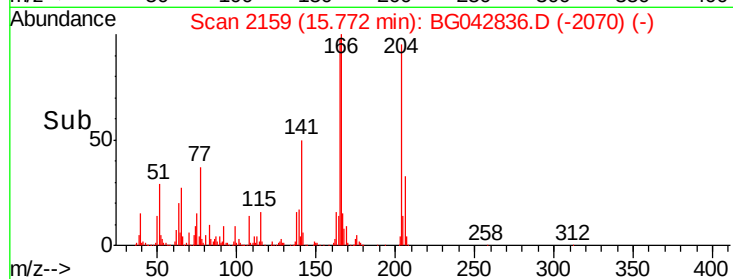
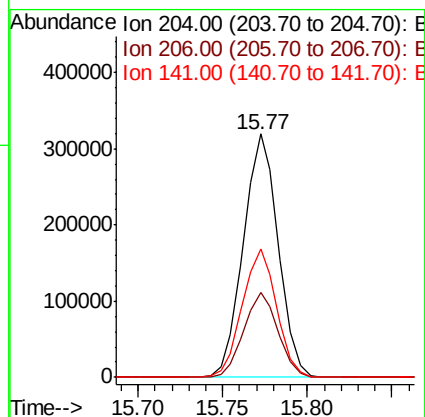
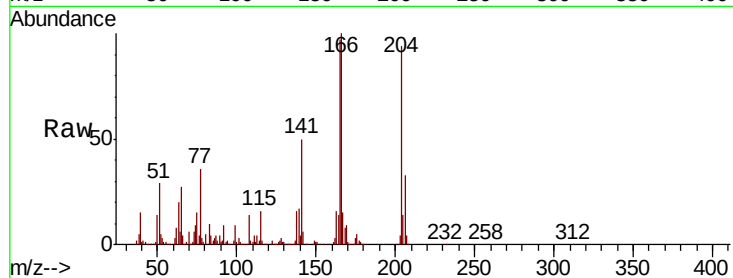




#61  
 4-Chlorophenyl-phenylether  
 Concen: 39.203 ng  
 RT: 15.77 min Scan# 2159  
 Delta R.T. -0.01 min  
 Lab File: BG042836.D  
 Acq: 14 Sep 2019 5:21

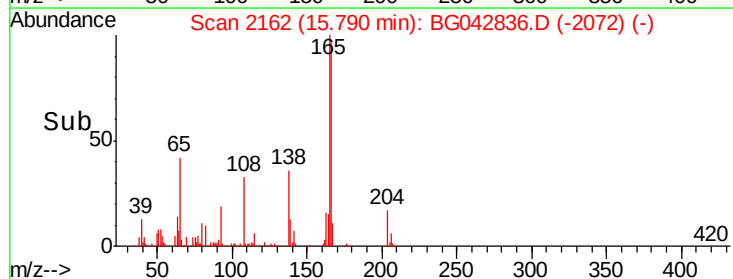
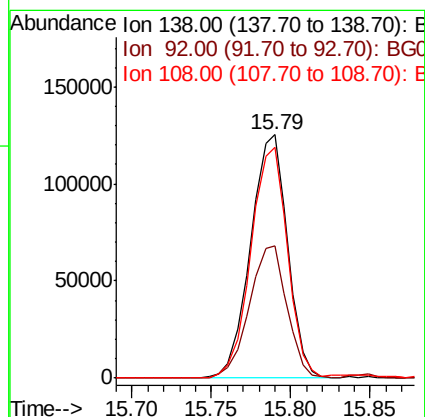
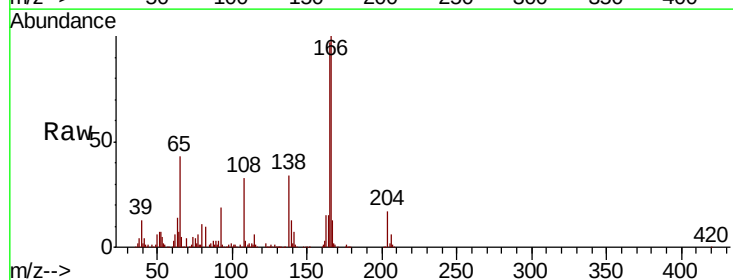
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

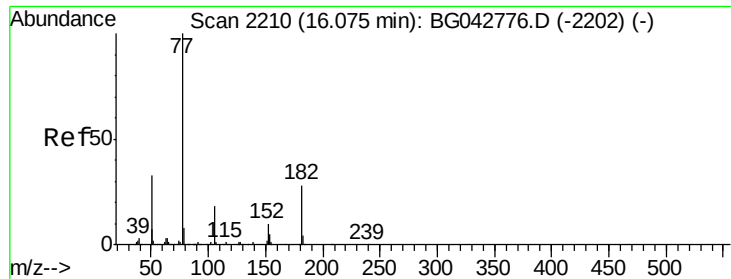
Tot Ion:204 Resp: 458377  
 Ion Ratio Lower Upper  
 204 100  
 206 34.8 27.6 41.4  
 141 52.9 39.8 59.6



#62  
 4-Nitroaniline  
 Concen: 39.439 ng  
 RT: 15.79 min Scan# 2162  
 Delta R.T. -0.00 min  
 Lab File: BG042836.D  
 Acq: 14 Sep 2019 5:21

Tgt Ion:138 Resp: 203633  
 Ion Ratio Lower Upper  
 138 100  
 92 54.3 31.4 71.4  
 108 94.9 74.8 114.8





#63

Azobenzene

Concen: 38.673 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 786285

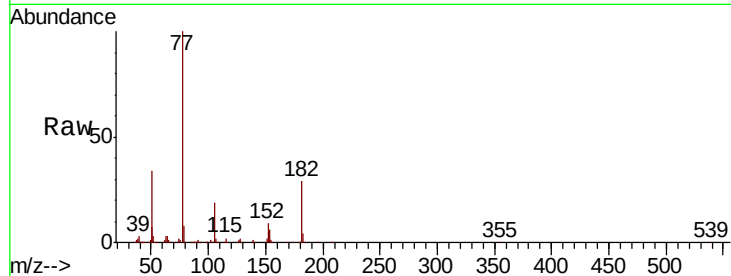
Ion Ratio Lower Upper

77 100

182 28.7 8.1 48.1

105 19.2 0.0 38.1

51 34.0 12.9 52.9

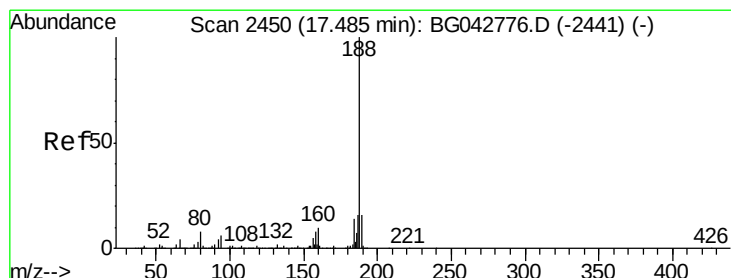
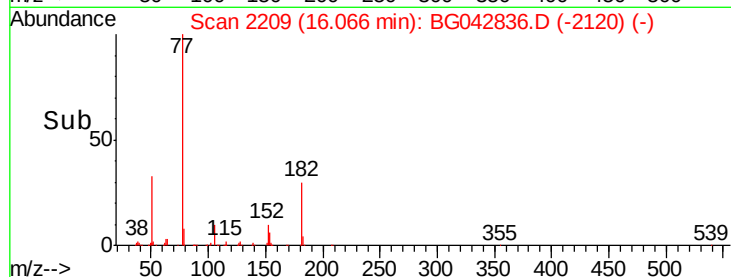
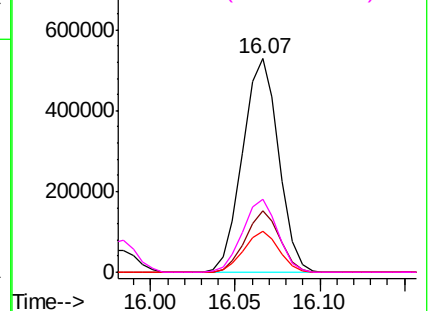


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

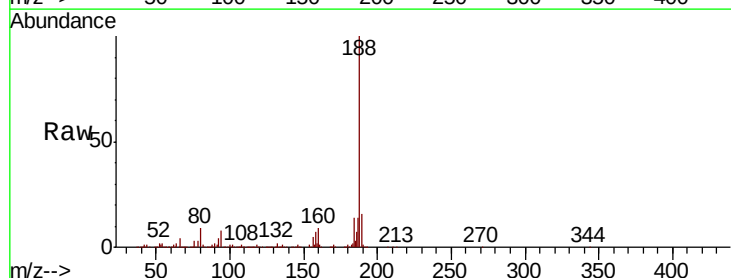
Tgt Ion: 188 Resp: 618501

Ion Ratio Lower Upper

188 100

94 7.8 4.8 7.2#

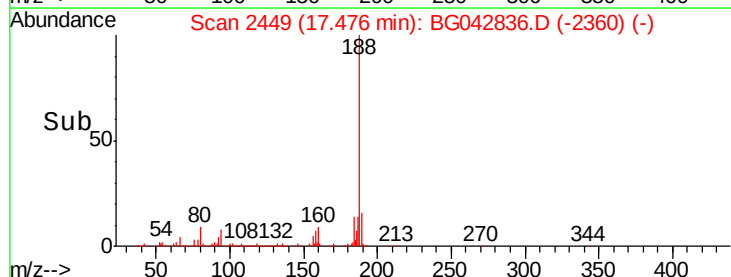
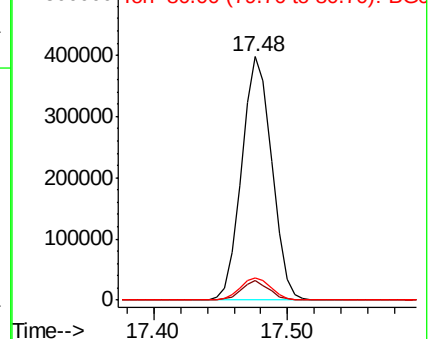
80 9.3 6.6 9.8

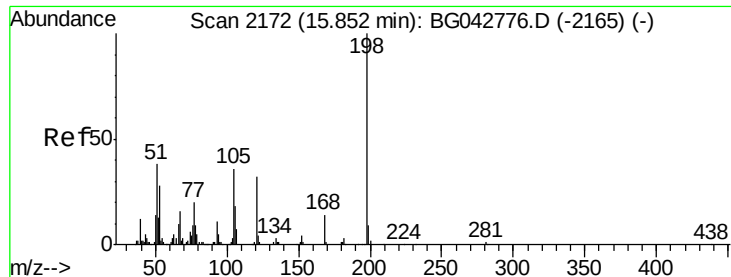


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

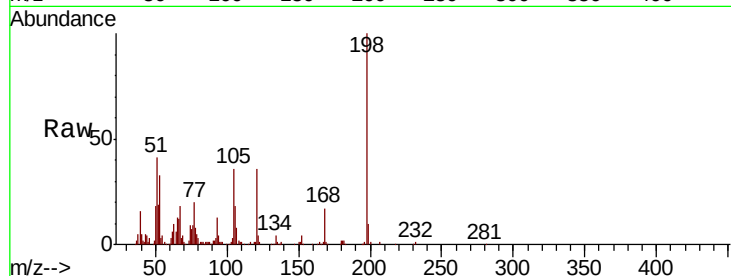




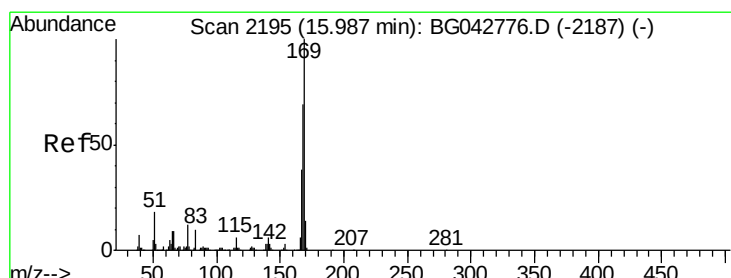
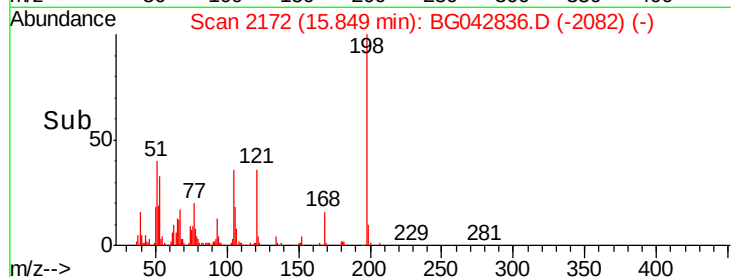
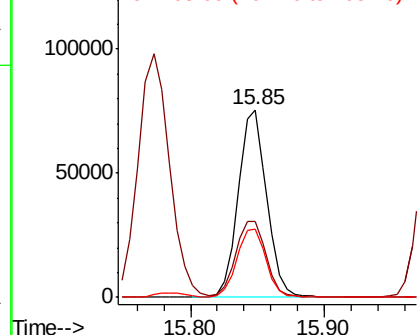
#65  
4,6-Dinitro-2-methylphenol  
Concen: 42.080 ng  
RT: 15.85 min Scan# 2172  
Delta R.T. -0.00 min  
Lab File: BG042836.D  
Acq: 14 Sep 2019 5:21

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 40.6  | 20.9  | 60.9  |
| 105     | 36.2  | 16.4  | 56.4  |

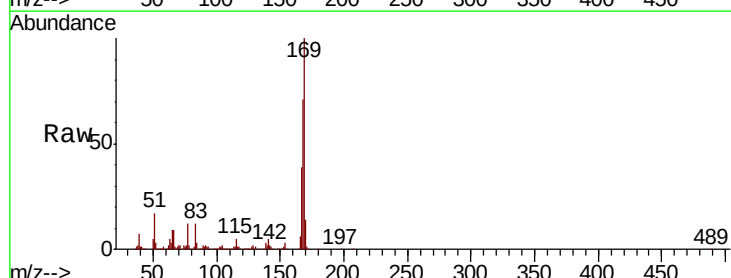


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BG  
Ion 105.00 (104.70 to 105.70): E

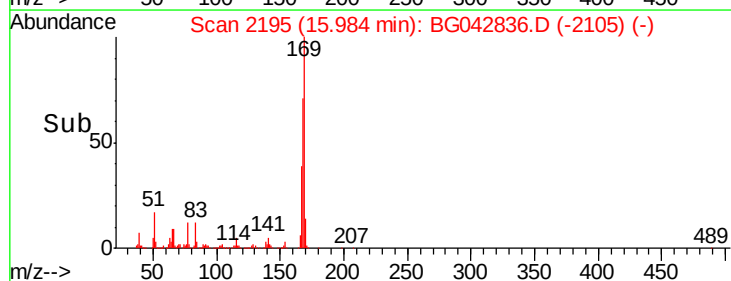
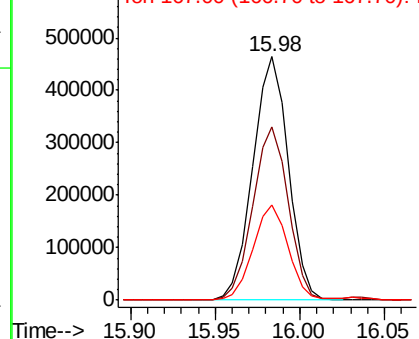


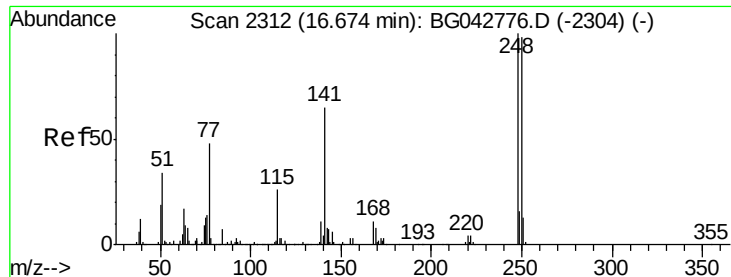
#66  
n-Nitrosodiphenylamine  
Concen: 40.836 ng  
RT: 15.98 min Scan# 2195  
Delta R.T. -0.00 min  
Lab File: BG042836.D  
Acq: 14 Sep 2019 5:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 71.0  | 55.4  | 83.2  |
| 167     | 39.0  | 30.4  | 45.6  |



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

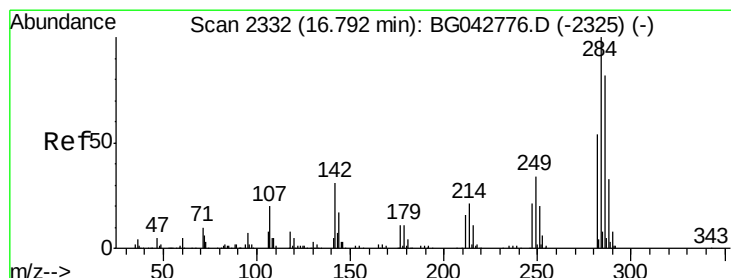
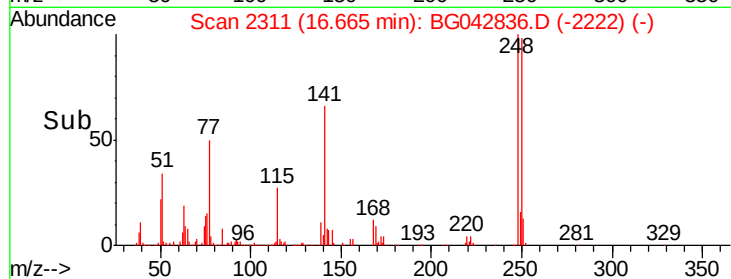
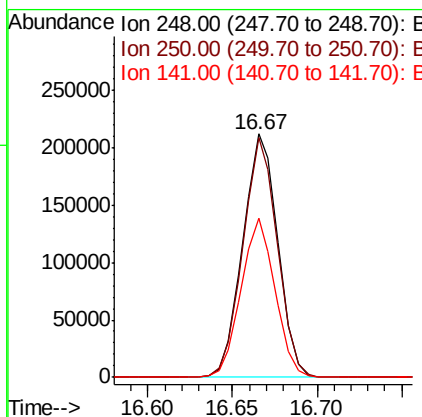
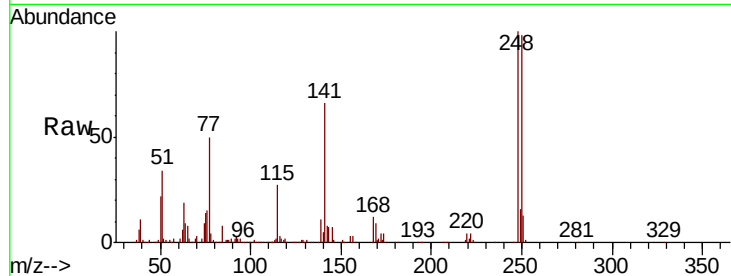




#67  
4-Bromophenyl-phenylether  
Concen: 40.717 ng  
RT: 16.67 min Scan# 2311  
Delta R.T. -0.01 min  
Lab File: BG042836.D  
Acq: 14 Sep 2019 5:21

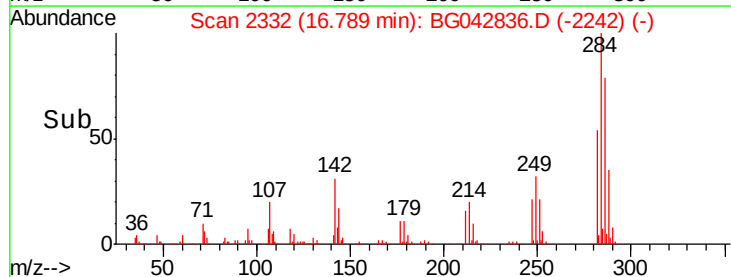
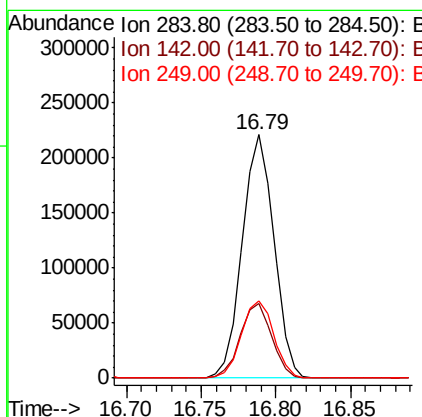
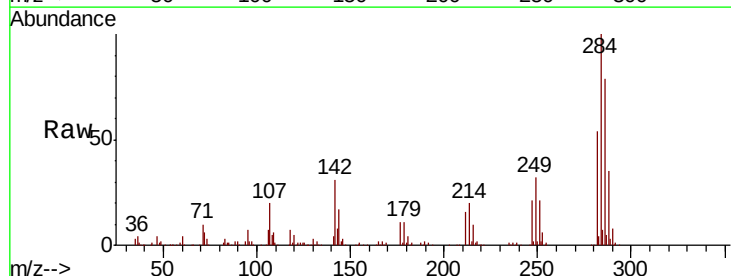
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

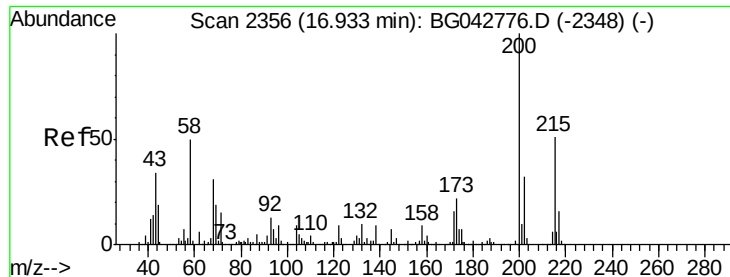
Tot Ion:248 Resp: 304816  
Ion Ratio Lower Upper  
248 100  
250 98.3 78.0 117.0  
141 65.6 51.8 77.6



#68  
Hexachlorobenzene  
Concen: 40.668 ng  
RT: 16.79 min Scan# 2332  
Delta R.T. -0.00 min  
Lab File: BG042836.D  
Acq: 14 Sep 2019 5:21

Tgt Ion:284 Resp: 325310  
Ion Ratio Lower Upper  
284 100  
142 30.9 24.7 37.1  
249 31.7 27.0 40.4





#69

Atrazine

Concen: 34.213 ng

RT: 16.93 min Scan# 2356

Delta R.T. -0.00 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

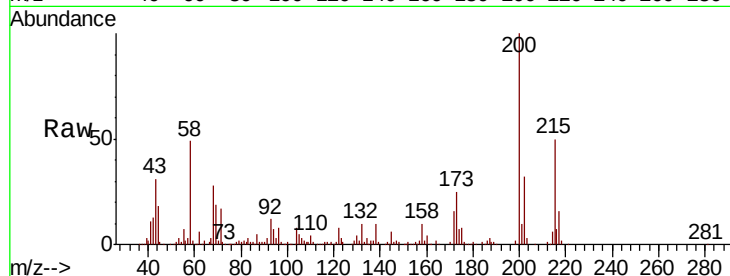
Tot Ion:200 Resp: 198291

Ion Ratio Lower Upper

200 100

173 25.2 2.5 42.5

215 49.5 31.0 71.0

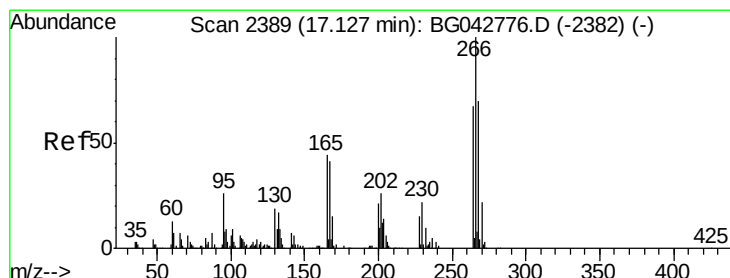
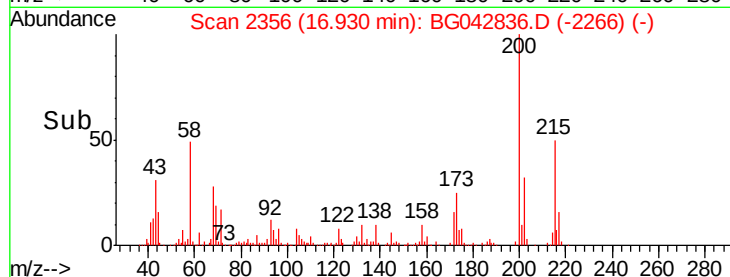
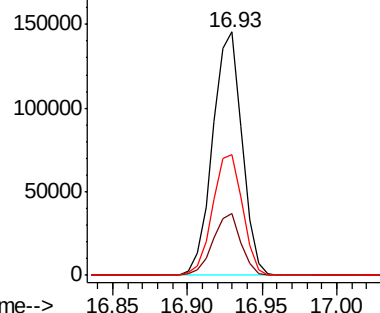


Abundance

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: 41.030 ng

RT: 17.12 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

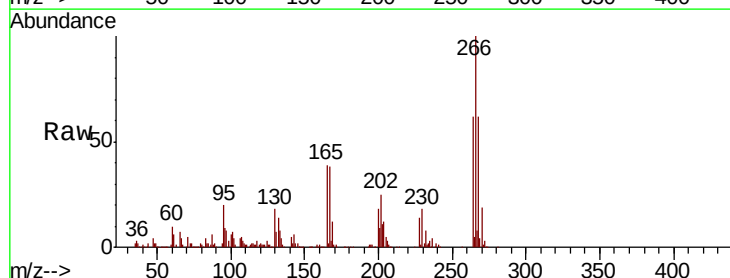
Tgt Ion:266 Resp: 194700

Ion Ratio Lower Upper

266 100

268 62.3 56.2 84.4

264 61.8 53.4 80.2

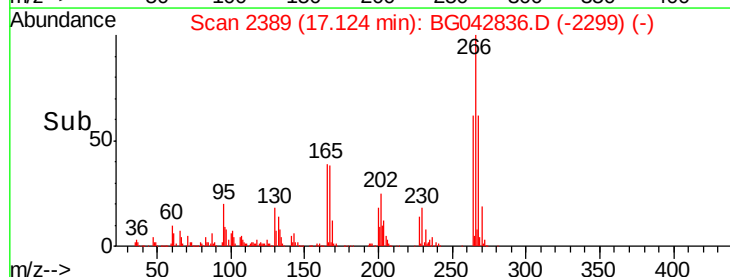
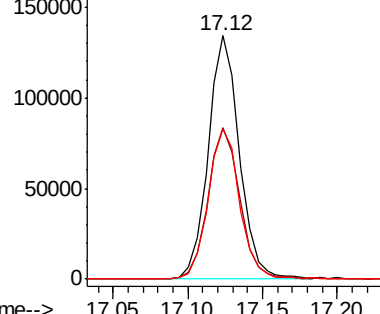


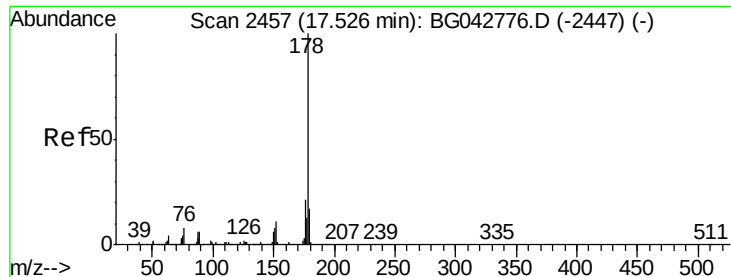
Abundance

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: 40.101 ng

RT: 17.52 min Scan# 2457

Delta R.T. -0.00 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

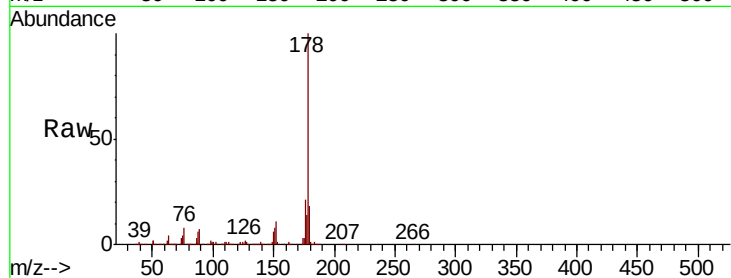
Tot Ion:178 Resp: 1186141

Ion Ratio Lower Upper

178 100

176 21.3 17.0 25.4

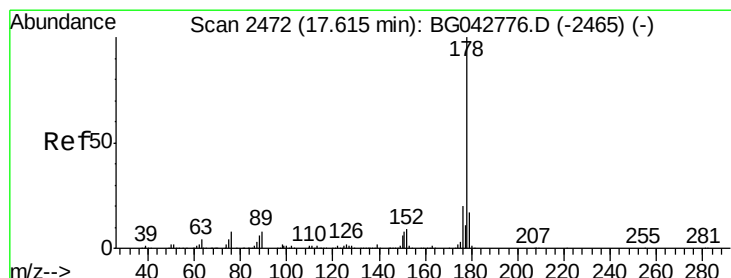
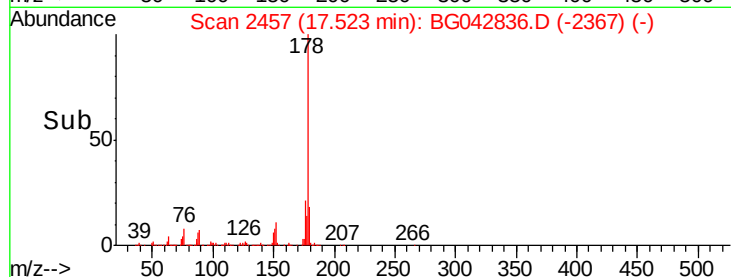
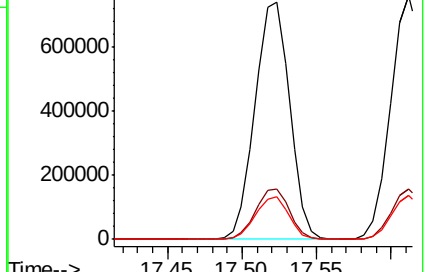
179 18.0 13.6 20.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.627 ng

RT: 17.61 min Scan# 2472

Delta R.T. -0.00 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

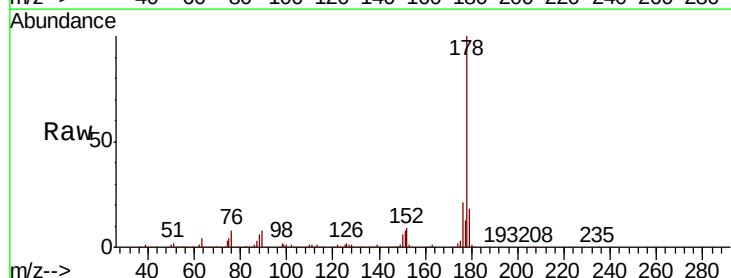
Tgt Ion:178 Resp: 1200591

Ion Ratio Lower Upper

178 100

176 20.7 16.2 24.4

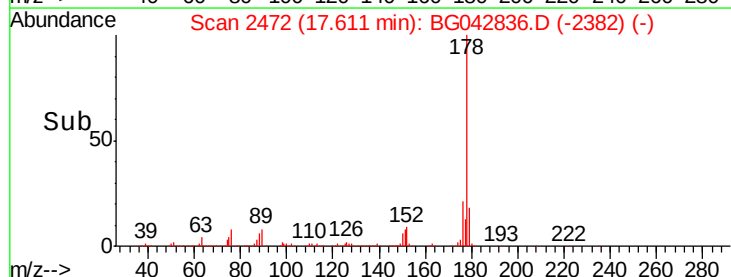
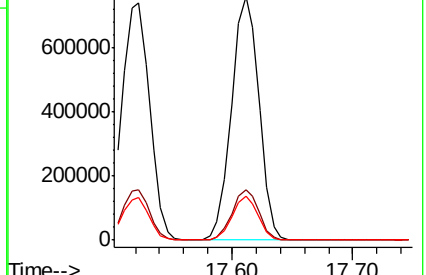
179 17.9 13.6 20.4



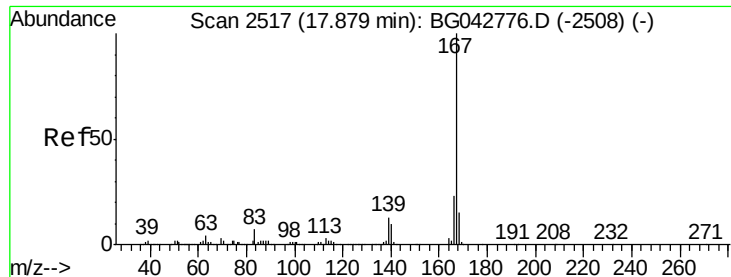
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





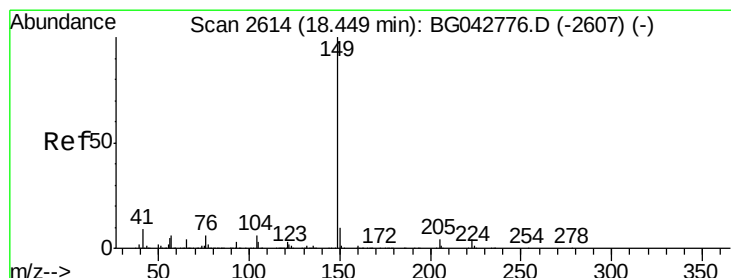
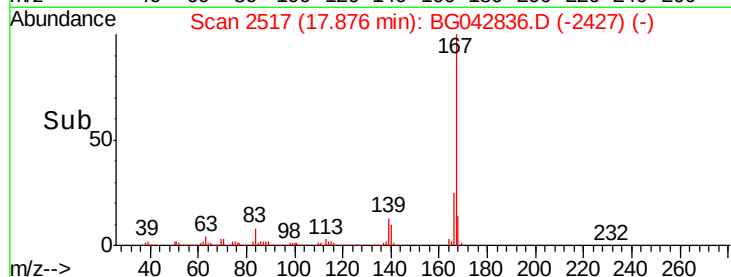
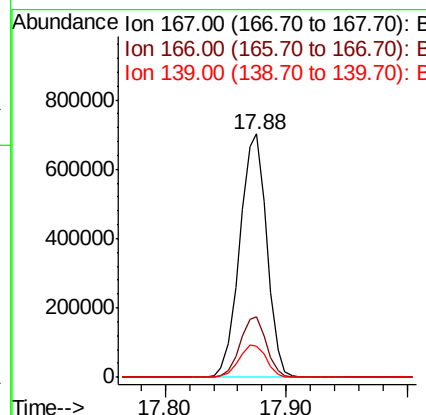
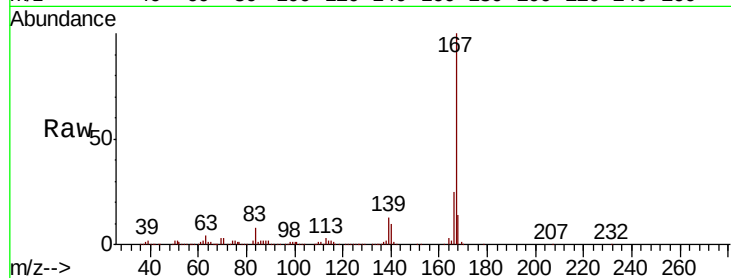


#73  
 Carbazole  
 Concen: 38.932 ng  
 RT: 17.88 min Scan# 2517  
 Delta R.T. -0.00 min  
 Lab File: BG042836.D  
 Acq: 14 Sep 2019 5:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:167 Resp: 1093498  

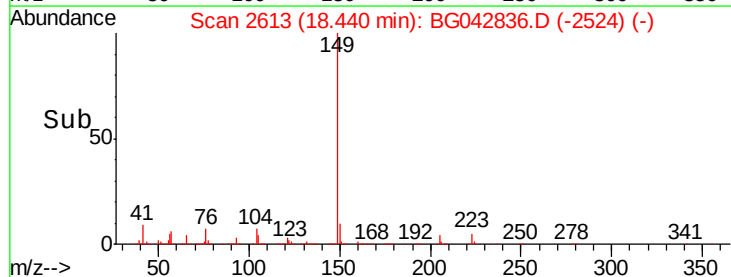
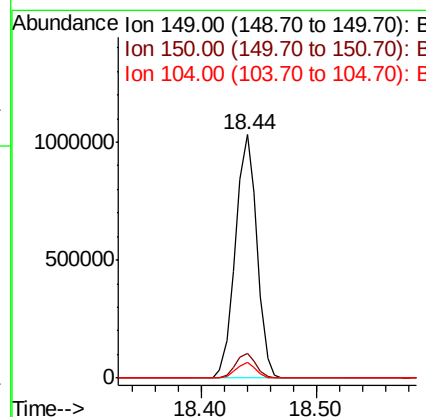
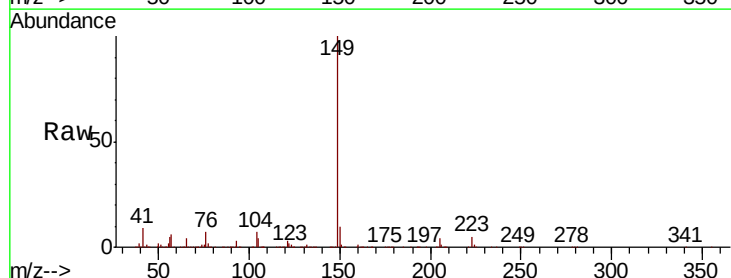
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 25.0  | 18.3  | 27.5  |
| 139 | 13.0  | 10.2  | 15.4  |

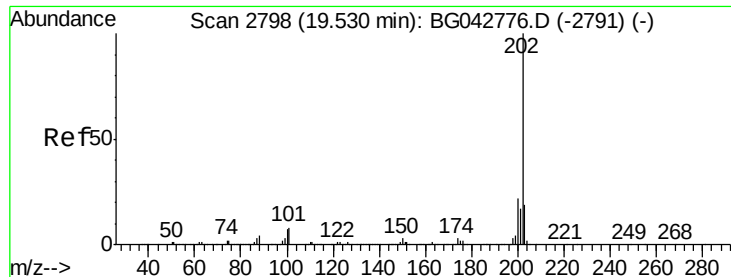


#74  
 Di-n-butylphthalate  
 Concen: 39.406 ng  
 RT: 18.44 min Scan# 2613  
 Delta R.T. -0.01 min  
 Lab File: BG042836.D  
 Acq: 14 Sep 2019 5:21

Tgt Ion:149 Resp: 1325842  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 10.1  | 8.0   | 12.0  |
| 104 | 6.7   | 5.1   | 7.7   |





#75

Fluoranthene

Concen: 38.298 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

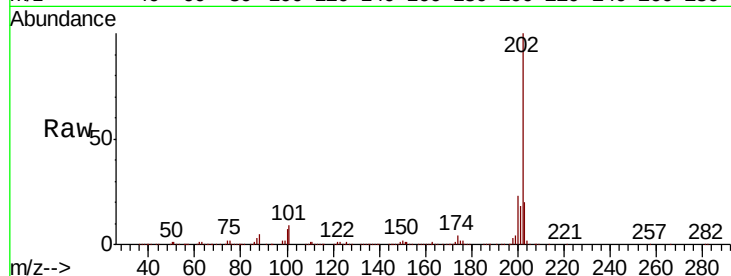
Tot Ion:202 Resp: 1468179

Ion Ratio Lower Upper

202 100

101 8.5 0.0 27.8

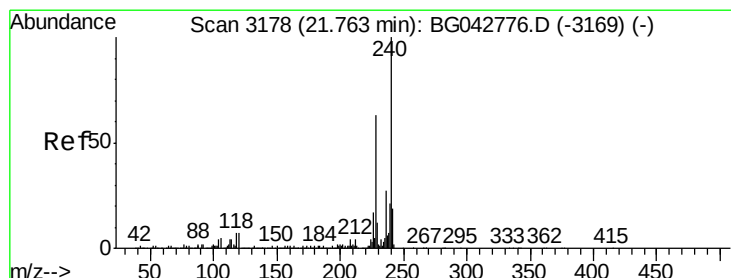
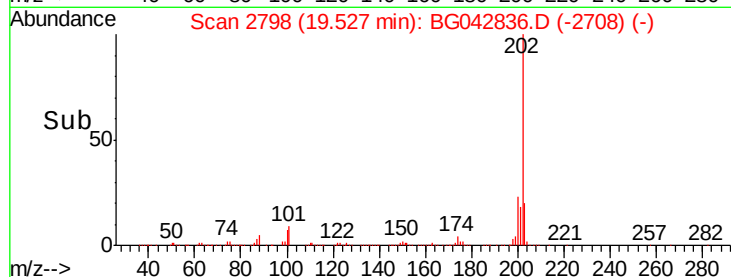
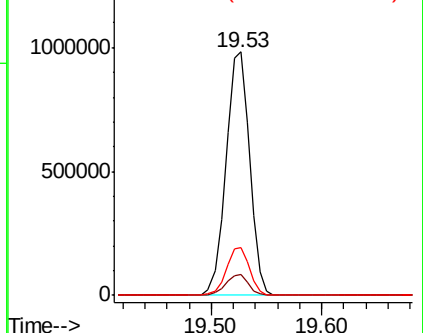
203 19.5 0.0 39.1



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: 21.76 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

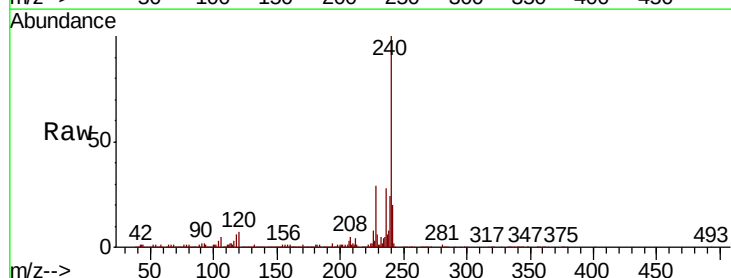
Tgt Ion:240 Resp: 570992

Ion Ratio Lower Upper

240 100

120 6.6 5.4 8.2

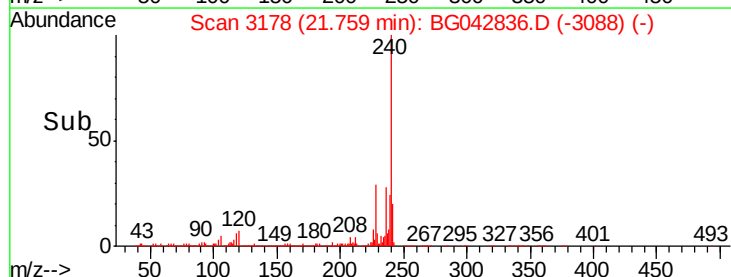
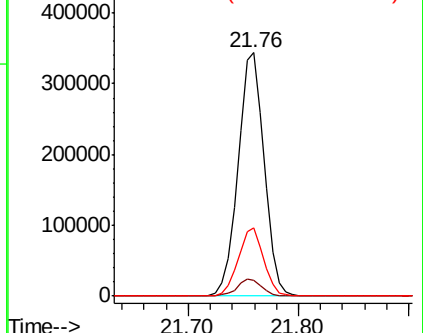
236 28.2 21.7 32.5

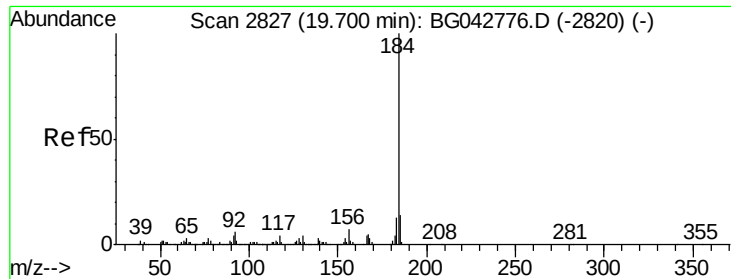


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.982 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

Instrument :

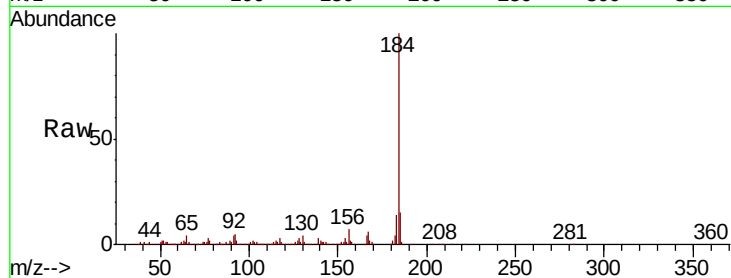
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 637826

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 15.0  | 11.6  | 17.4  |
| 183 | 13.6  | 10.4  | 15.6  |

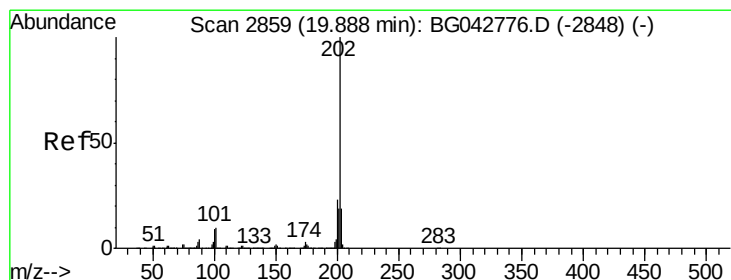
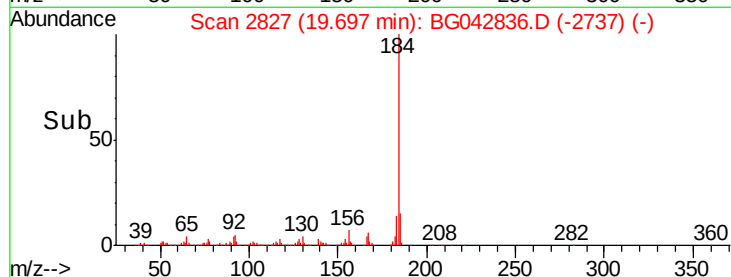
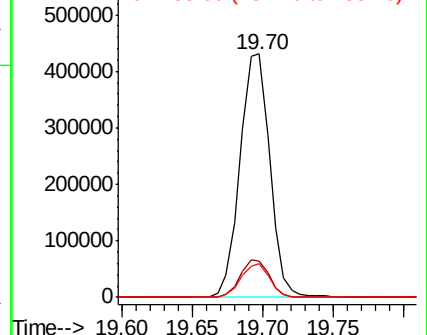


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.331 ng

RT: 19.89 min Scan# 2859

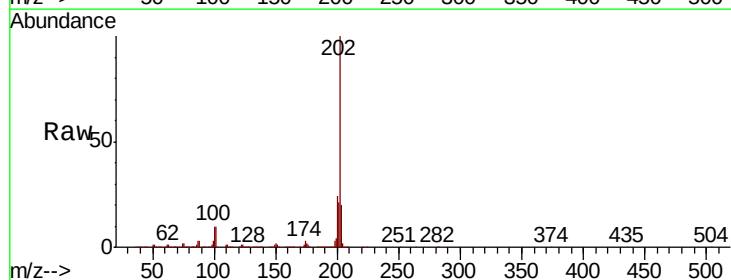
Delta R.T. -0.00 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

Tgt Ion:202 Resp: 1477479

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 23.7  | 18.5  | 27.7  |
| 203 | 19.7  | 15.3  | 22.9  |

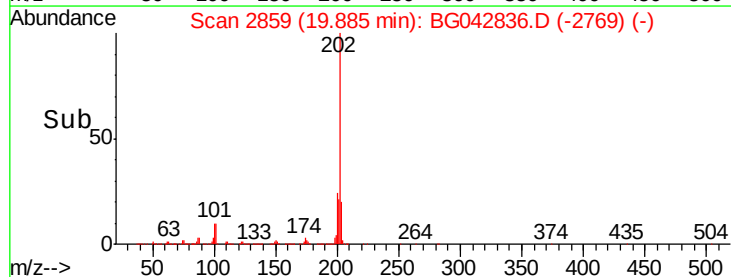
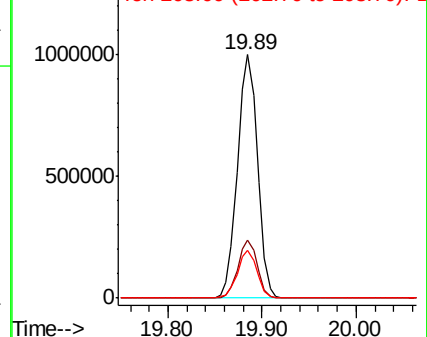


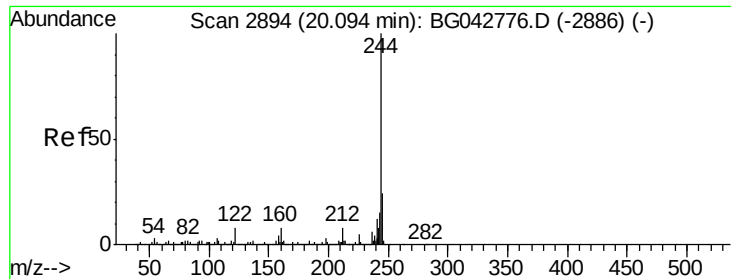
Abundance

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: 82.307 ng

RT: 20.08 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

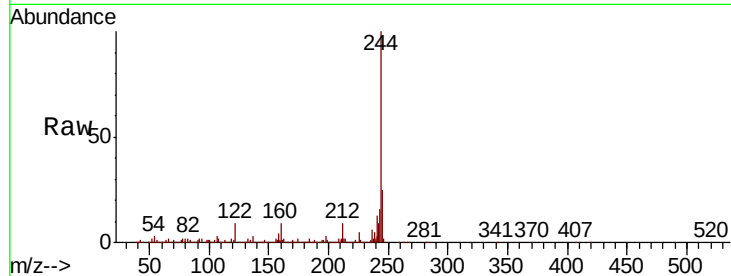
Tot Ion:244 Resp: 2120513

Ion Ratio Lower Upper

244 100

212 8.9 6.6 10.0

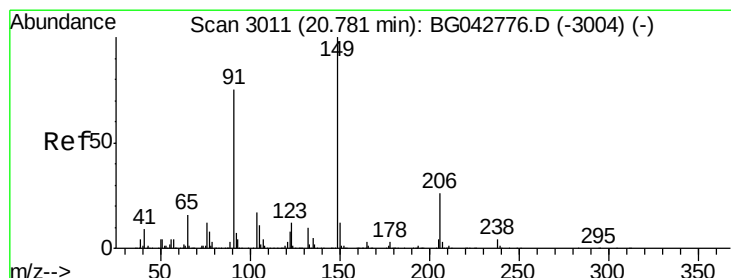
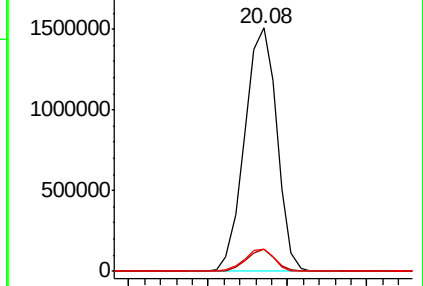
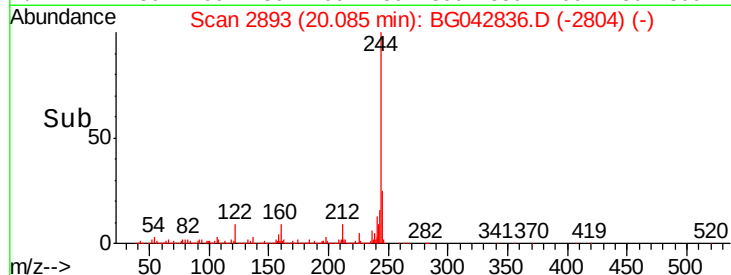
122 9.4 6.2 9.4#



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: 41.238 ng

RT: 20.77 min Scan# 3010

Delta R.T. -0.01 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

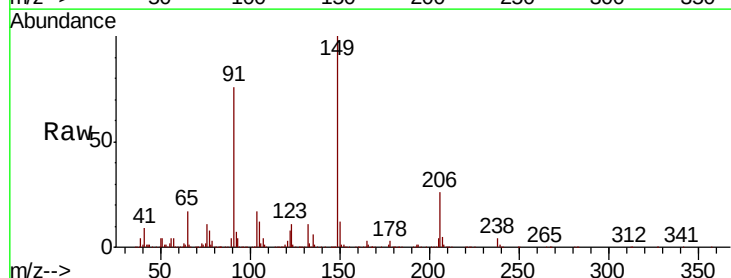
Tgt Ion:149 Resp: 596610

Ion Ratio Lower Upper

149 100

91 76.3 60.2 90.2

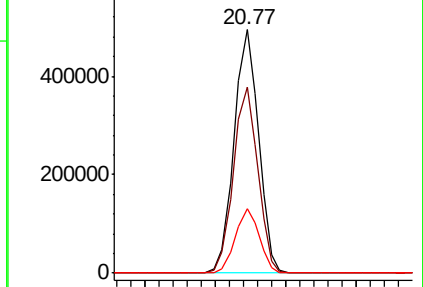
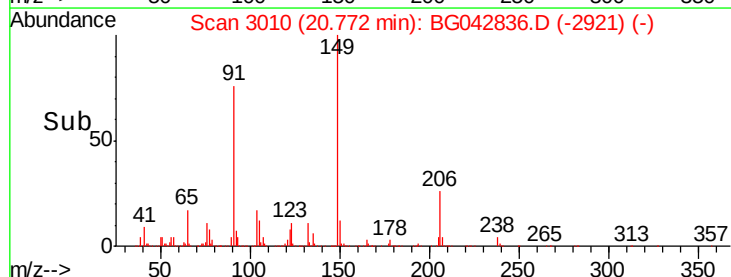
206 26.3 20.6 30.8

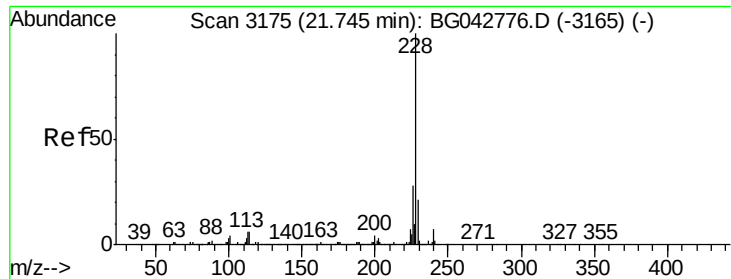


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

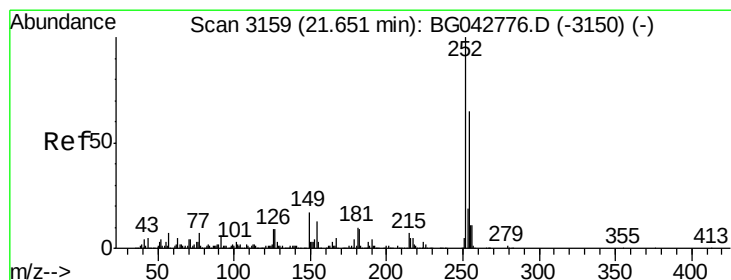
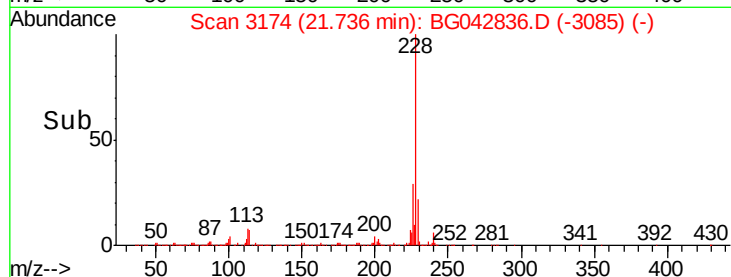
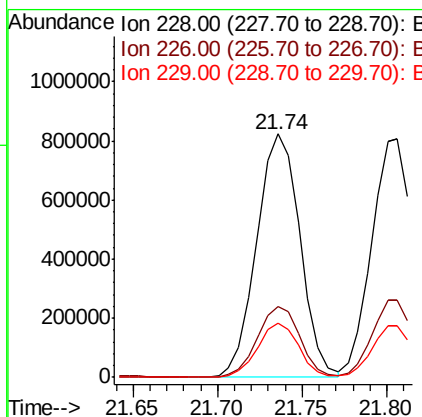
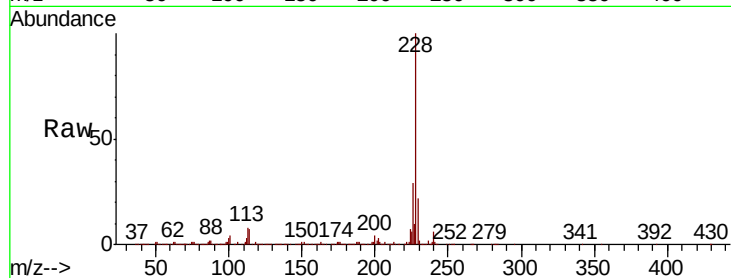




#81  
Benzo(a)anthracene  
Concen: 40.597 ng  
RT: 21.74 min Scan# 3174  
Delta R.T. -0.01 min  
Lab File: BG042836.D  
Acq: 14 Sep 2019 5:21

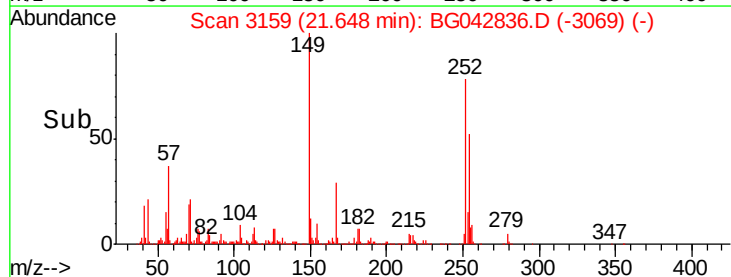
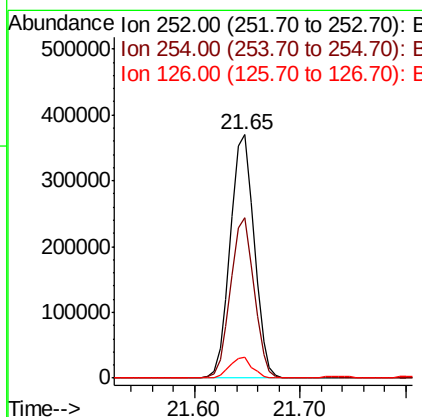
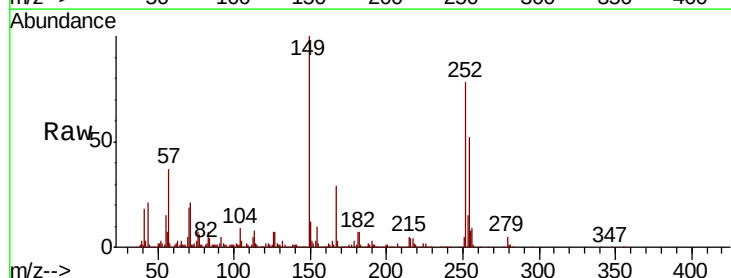
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

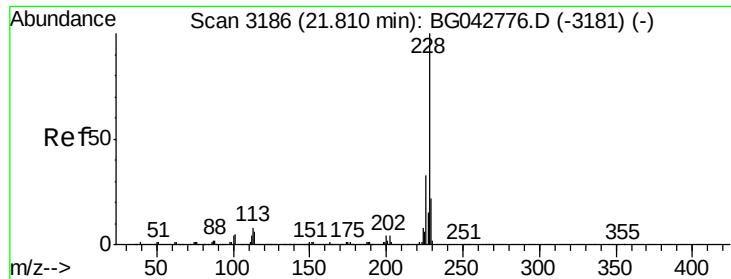
Tot Ion:228 Resp: 1473873  
Ion Ratio Lower Upper  
228 100  
226 29.0 22.5 33.7  
229 22.2 17.2 25.8



#82  
3,3'-Dichlorobenzidine  
Concen: 41.027 ng  
RT: 21.65 min Scan# 3159  
Delta R.T. -0.00 min  
Lab File: BG042836.D  
Acq: 14 Sep 2019 5:21

Tgt Ion:252 Resp: 578833  
Ion Ratio Lower Upper  
252 100  
254 66.1 52.2 78.2  
126 8.5 7.0 10.4





#83

Chrysene

Concen: 40.768 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.00 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

Instrument :

BNA\_G

ClientSampled :

SSTDCCC040

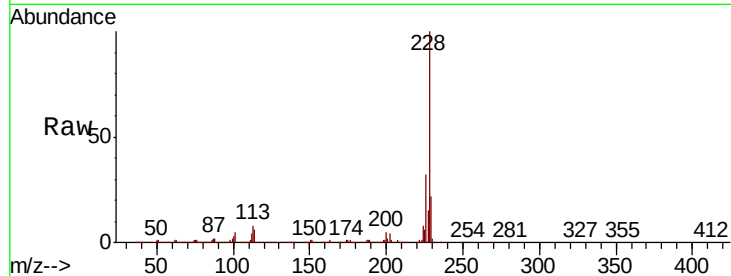
Tot Ion:228 Resp: 1401964

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 32.4  | 26.0  | 39.0  |
| 229 | 21.8  | 17.1  | 25.7  |

228 100

226 32.4 26.0 39.0

229 21.8 17.1 25.7

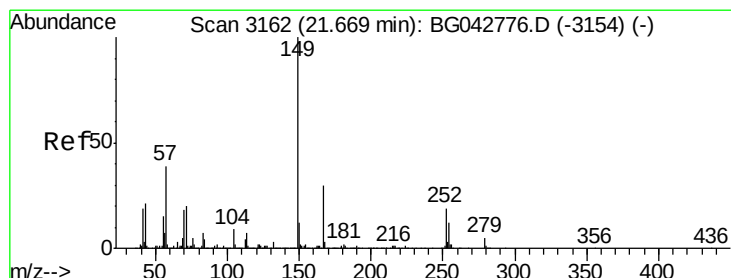
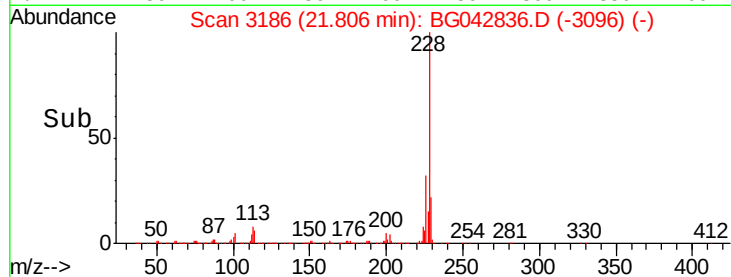
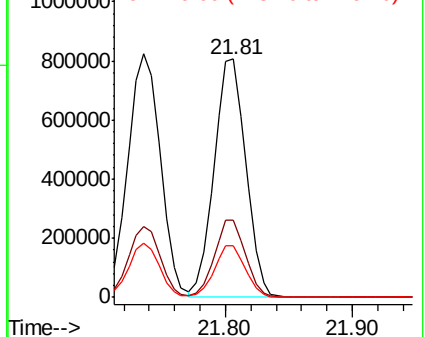


Abundance

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: 41.370 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.02 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

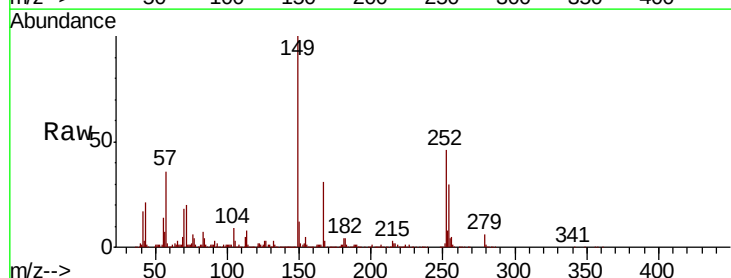
Tgt Ion:149 Resp: 817807

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 30.9  | 24.3  | 36.5  |
| 279 | 5.6   | 4.2   | 6.4   |

149 100

167 30.9 24.3 36.5

279 5.6 4.2 6.4

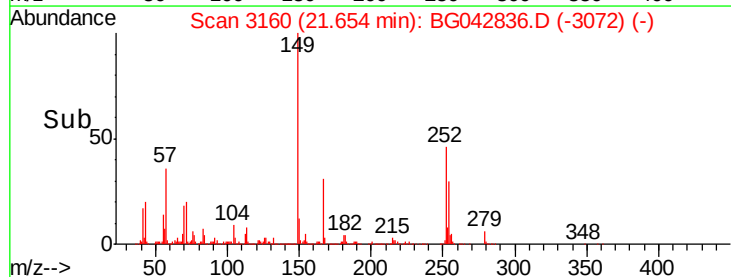
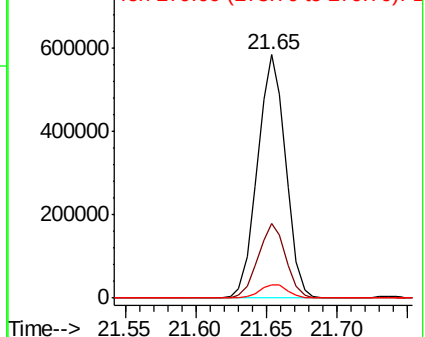


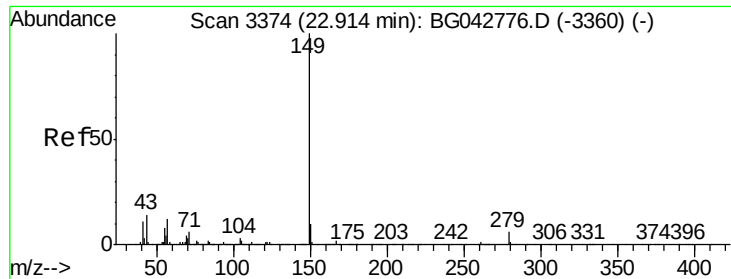
Abundance

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: 41.830 ng

RT: 22.89 min Scan# 3370

Delta R.T. -0.03 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

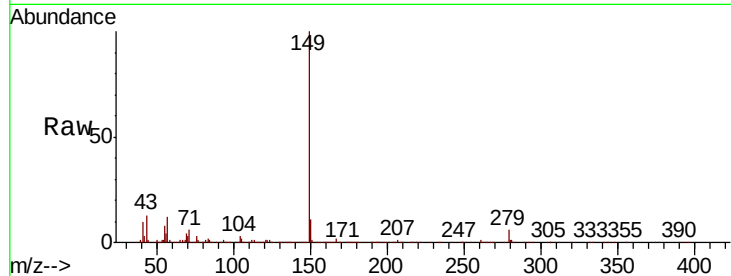
Tot Ion:149 Resp: 1409636

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

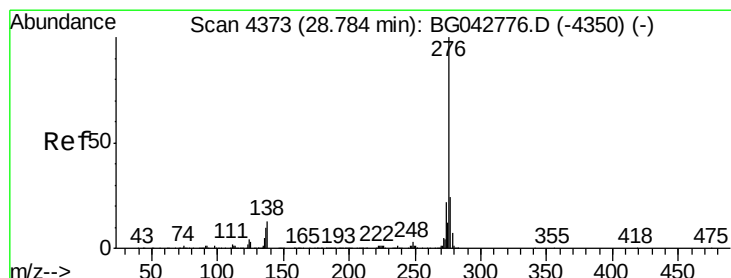
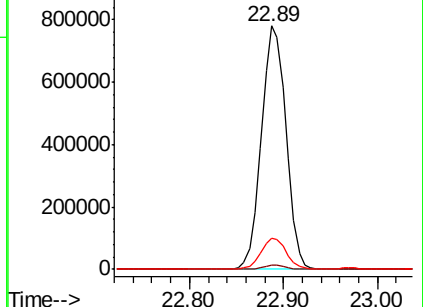
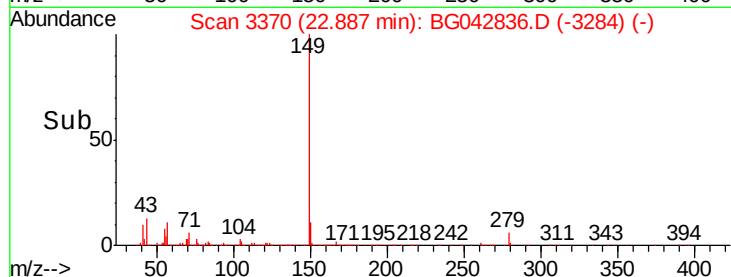
43 12.9 10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): E



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.734 ng

RT: 28.76 min Scan# 4370

Delta R.T. -0.02 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

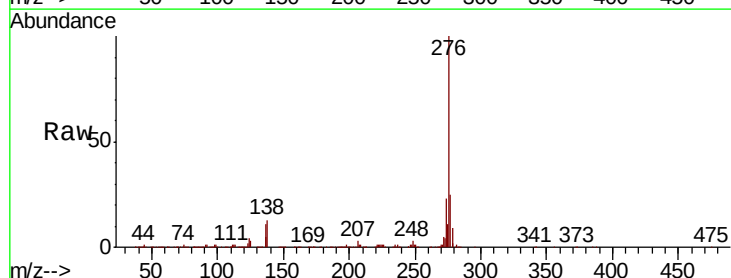
Tgt Ion:276 Resp: 1734687

Ion Ratio Lower Upper

276 100

138 11.9 9.3 13.9

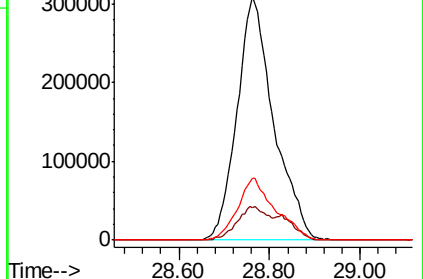
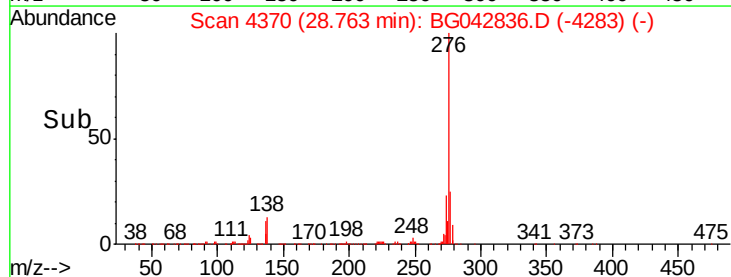
277 26.2 17.2 25.8#

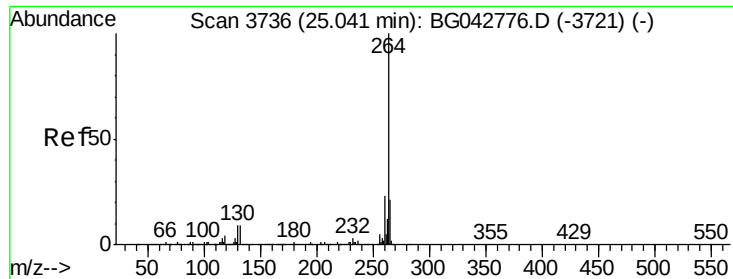


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.03 min Scan# 3734

Delta R.T. -0.02 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

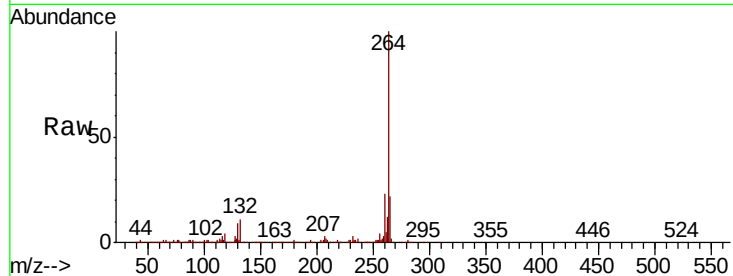
Tot Ion:264 Resp: 655040

Ion Ratio Lower Upper

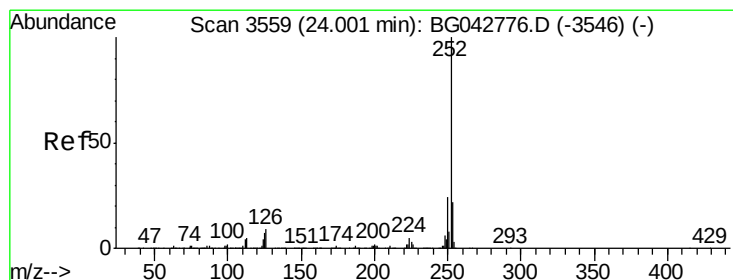
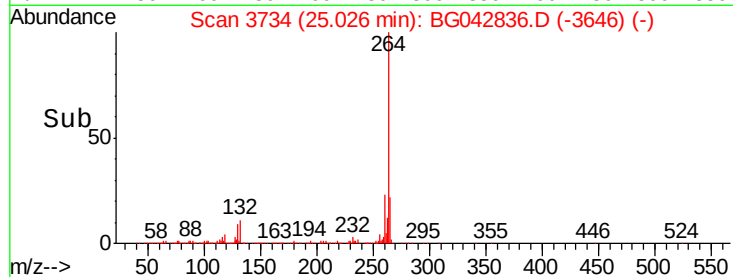
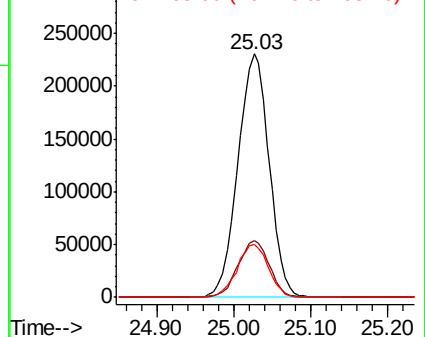
264 100

260 23.4 18.2 27.2

265 21.9 16.9 25.3



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: 40.124 ng

RT: 23.99 min Scan# 3558

Delta R.T. -0.01 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

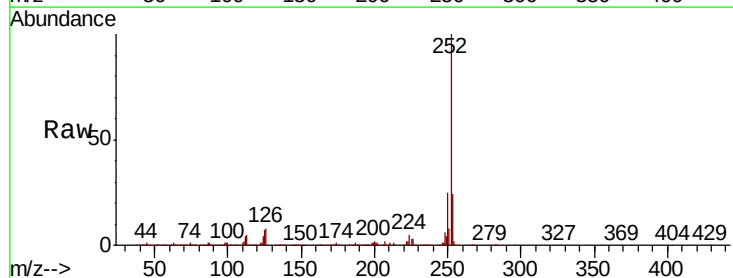
Tgt Ion:252 Resp: 1543268

Ion Ratio Lower Upper

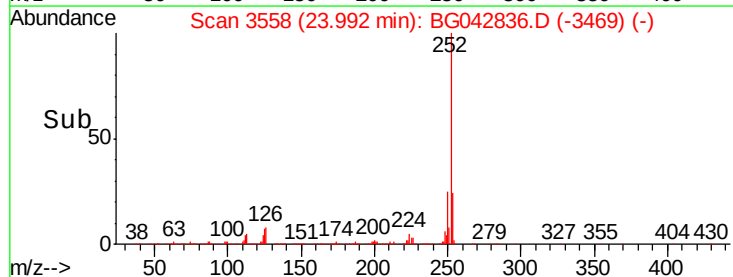
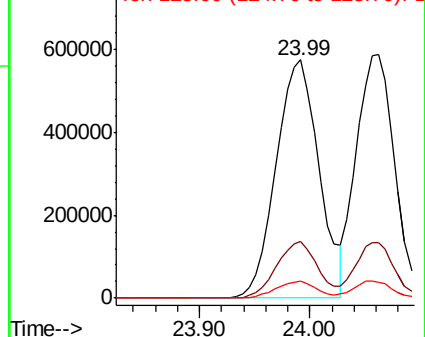
252 100

253 23.9 17.9 26.9

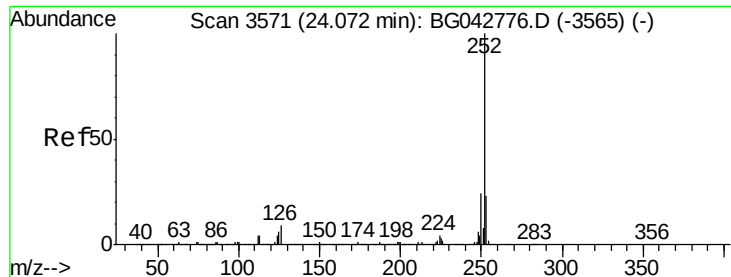
125 7.1 5.6 8.4



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E







#89

Benzo(k)fluoranthene

Concen: 39.051 ng

RT: 24.06 min Scan# 3570

Delta R.T. -0.01 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

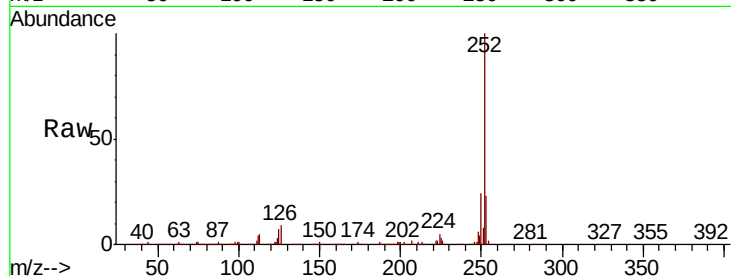
Tot Ion:252 Resp: 1418815

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

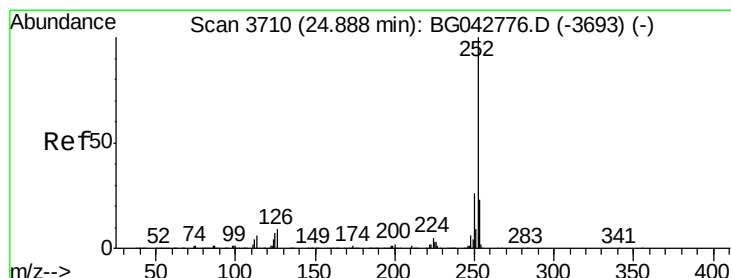
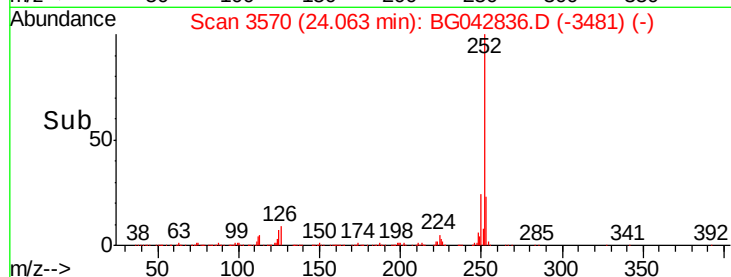
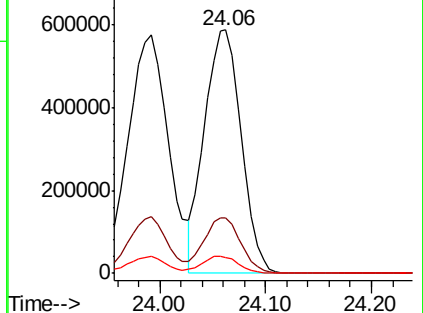
125 6.7 5.3 7.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.810 ng

RT: 24.87 min Scan# 3708

Delta R.T. -0.02 min

Lab File: BG042836.D

Acq: 14 Sep 2019 5:21

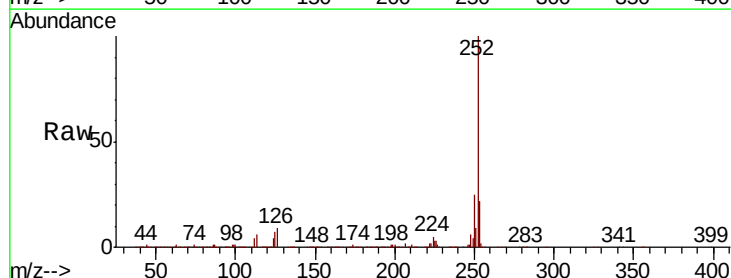
Tgt Ion:252 Resp: 1433762

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

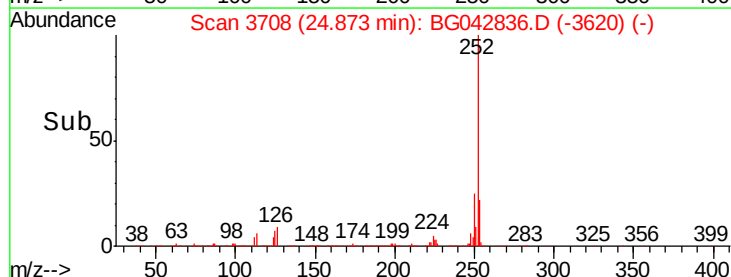
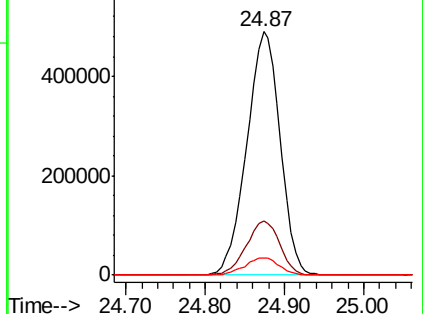
125 7.2 5.7 8.5

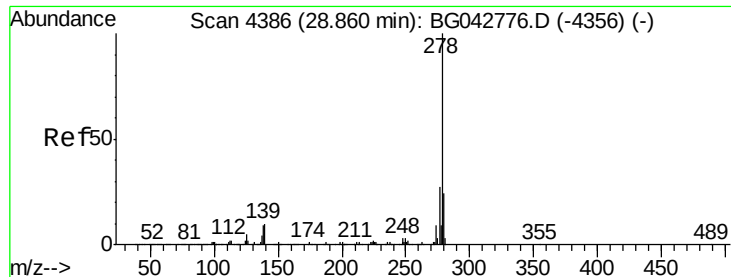


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



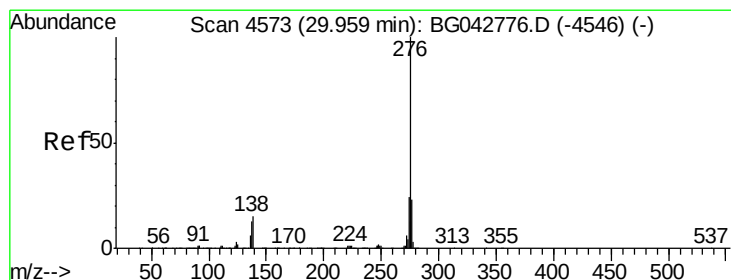
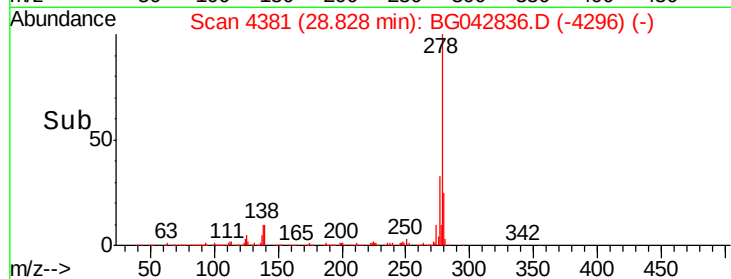
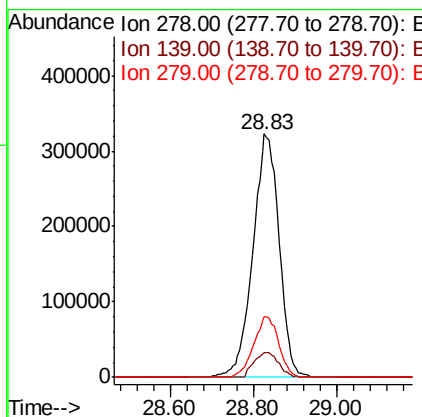
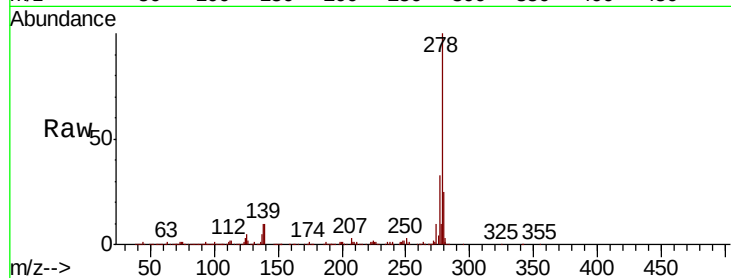


#91  
Dibenzo(a,h)anthracene  
Concen: 39.940 ng  
RT: 28.83 min Scan# 4381  
Delta R.T. -0.03 min  
Lab File: BG042836.D  
Acq: 14 Sep 2019 5:21

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:278 Resp: 1414763  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 10.3  | 8.2   | 12.2  |
| 279 | 25.1  | 19.4  | 29.2  |



#92  
Benzo(g,h,i)perylene  
Concen: 39.630 ng  
RT: 29.93 min Scan# 4569  
Delta R.T. -0.03 min  
Lab File: BG042836.D  
Acq: 14 Sep 2019 5:21

Tgt Ion:276 Resp: 1369241  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 25.0  | 18.4  | 27.6  |
| 138 | 14.0  | 11.8  | 17.8  |

