

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091815\  
 Data File : BG018733.D  
 Acq On : 17 Sep 2015 11:24  
 Operator : TP  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Sep 18 03:38:48 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 11 10:44:16 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.00  | 152  | 55929    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.81 | 136  | 258654   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.63 | 164  | 182774   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.37 | 188  | 465319   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.63 | 240  | 467332   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.82 | 264  | 487815   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.57  | 112 | 255125  | 78.80 | ng | 0.00 |
| 7) Phenol-d6             | 7.16  | 99  | 380330  | 81.93 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.16  | 82  | 356139  | 77.05 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.12 | 330 | 200982  | 81.67 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.26 | 172 | 980960  | 74.50 | ng | 0.00 |
| 78) Terphenyl-d14        | 19.98 | 244 | 1394777 | 78.37 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.47  | 88  | 49543  | 36.61 | ng | # 100  |
| 3) Pyridine                    | 3.87  | 79  | 154265 | 36.77 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.78  | 42  | 50979  | 34.90 | ng | # 69   |
| 6) Aniline                     | 7.32  | 93  | 254854 | 39.84 | ng | 98     |
| 8) 2-Chlorophenol              | 7.57  | 128 | 151615 | 40.56 | ng | 95     |
| 9) Benzaldehyde                | 7.13  | 77  | 93640  | 37.47 | ng | 89     |
| 10) Phenol                     | 7.19  | 94  | 200297 | 40.84 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.42  | 93  | 147966 | 38.94 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 7.89  | 146 | 164237 | 37.76 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 8.04  | 146 | 168909 | 38.72 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.36  | 146 | 164770 | 39.56 | ng | 97     |
| 15) Benzyl Alcohol             | 8.24  | 79  | 140497 | 41.99 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.53  | 45  | 159600 | 36.98 | ng | 99     |
| 17) 2-Methylphenol             | 8.44  | 107 | 139751 | 41.01 | ng | 96     |
| 18) Hexachloroethane           | 9.08  | 117 | 57630  | 36.95 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.80  | 70  | 131290 | 40.15 | ng | 96     |
| 20) 3+4-Methylphenols          | 8.77  | 107 | 206970 | 43.26 | ng | 94     |
| 22) Acetophenone               | 8.82  | 105 | 253537 | 38.69 | ng | 97     |
| 24) Nitrobenzene               | 9.20  | 77  | 185344 | 37.76 | ng | 99     |
| 25) Isophorone                 | 9.72  | 82  | 385727 | 38.80 | ng | 100    |
| 26) 2-Nitrophenol              | 9.91  | 139 | 97008  | 42.36 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 9.98  | 122 | 162694 | 39.12 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 10.21 | 93  | 223003 | 39.07 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.45 | 162 | 177330 | 42.20 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.67 | 180 | 183318 | 39.36 | ng | 93     |
| 31) Naphthalene                | 10.86 | 128 | 539397 | 38.94 | ng | 99     |
| 32) Benzoic acid               | 10.13 | 122 | 148829 | 43.92 | ng | 91     |
| 33) 4-Chloroaniline            | 10.96 | 127 | 257941 | 41.15 | ng | 97     |
| 34) Hexachlorobutadiene        | 11.14 | 225 | 107221 | 39.05 | ng | 96     |
| 35) Caprolactam                | 11.75 | 113 | 70762  | 39.17 | ng | 96     |
| 36) 4-Chloro-3-methylphenol    | 12.09 | 107 | 197501 | 42.13 | ng | 96     |
| 37) 2-Methylnaphthalene        | 12.46 | 142 | 409288 | 40.37 | ng | 95     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.83 | 216 | 219115 | 37.80 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 12.81 | 237 | 99867  | 34.30 | ng | 95     |

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091815\  
 Data File : BG018733.D  
 Acq On : 17 Sep 2015 11:24  
 Operator : TP  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

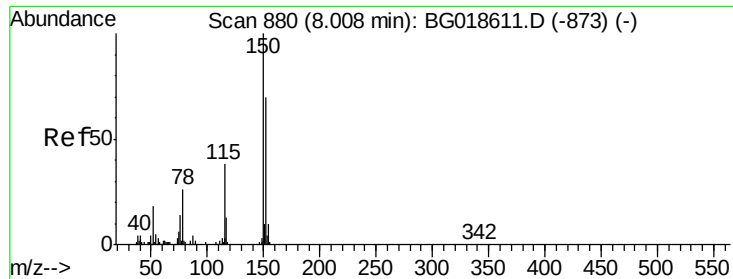
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Sep 18 03:38:48 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 11 10:44:16 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.06 | 196  | 171886   | 42.82 | nq    | 96       |
| 43) 2,4,5-Trichlorophenol      | 13.14 | 196  | 182876   | 41.52 | nq    | 97       |
| 45) 1,1'-Biphenyl              | 13.47 | 154  | 543421   | 37.39 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 13.51 | 162  | 428670   | 38.28 | nq    | 99       |
| 47) 2-Nitroaniline             | 13.71 | 65   | 132719   | 39.39 | nq    | 91       |
| 48) Acenaphthylene             | 14.35 | 152  | 764109   | 38.60 | nq    | 98       |
| 49) Dimethylphthalate          | 14.08 | 163  | 573033   | 37.86 | nq    | 98       |
| 50) 2,6-Dinitrotoluene         | 14.20 | 165  | 136644   | 41.55 | nq    | 98       |
| 51) Acenaphthene               | 14.70 | 154  | 433080   | 37.61 | nq    | 98       |
| 52) 3-Nitroaniline             | 14.54 | 138  | 157591   | 40.11 | nq    | 87       |
| 53) 2,4-Dinitrophenol          | 14.74 | 184  | 47129    | 33.26 | nq    | 98       |
| 54) Dibenzofuran               | 15.03 | 168  | 685625   | 38.31 | nq    | 100      |
| 55) 4-Nitrophenol              | 14.84 | 139  | 118275   | 38.99 | nq    | 94       |
| 56) 2,4-Dinitrotoluene         | 14.99 | 165  | 192232   | 41.22 | nq    | 94       |
| 57) Fluorene                   | 15.68 | 166  | 583586   | 37.87 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.25 | 232  | 160027   | 38.75 | nq    | 99       |
| 59) Diethylphthalate           | 15.44 | 149  | 588759   | 37.30 | nq    | 100      |
| 60) 4-Chlorophenyl-phenylether | 15.67 | 204  | 294580   | 39.79 | nq    | 93       |
| 61) 4-Nitroaniline             | 15.70 | 138  | 161787   | 38.19 | nq    | 95       |
| 62) Azobenzene                 | 15.96 | 77   | 504028   | 36.13 | nq    | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 15.75 | 198  | 89475    | 37.07 | nq    | 98       |
| 65) n-Nitrosodiphenylamine     | 15.88 | 169  | 528352   | 39.20 | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.56 | 248  | 192289   | 40.63 | nq    | 96       |
| 67) Hexachlorobenzene          | 16.68 | 284  | 217419   | 42.28 | nq    | 98       |
| 68) Atrazine                   | 16.83 | 200  | 191298   | 35.70 | nq    | 100      |
| 69) Pentachlorophenol          | 17.02 | 266  | 127846   | 40.32 | nq    | 92       |
| 70) Phenanthrene               | 17.42 | 178  | 930676   | 38.03 | nq    | 99       |
| 71) Anthracene                 | 17.51 | 178  | 935539   | 37.75 | nq    | 99       |
| 72) Carbazole                  | 17.77 | 167  | 882459   | 36.79 | nq    | 99       |
| 73) Di-n-butylphthalate        | 18.33 | 149  | 1058702  | 37.42 | nq    | 100      |
| 74) Fluoranthene               | 19.42 | 202  | 1095056  | 36.13 | nq    | 98       |
| 76) Benzidine                  | 19.60 | 184  | 685110   | 48.82 | nq    | 98       |
| 77) Pyrene                     | 19.78 | 202  | 1111037  | 38.69 | nq    | 99       |
| 79) Butylbenzylphthalate       | 20.67 | 149  | 472809   | 40.49 | nq    | 97       |
| 80) Benzo(a)anthracene         | 21.61 | 228  | 1072841  | 39.87 | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 21.53 | 252  | 445699   | 43.60 | nq    | 96       |
| 82) Chrysene                   | 21.68 | 228  | 1004960  | 39.66 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.52 | 149  | 691296   | 41.04 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 22.72 | 149  | 1183460  | 41.54 | nq    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.46 | 276  | 1311844  | 40.78 | nq    | # 100    |
| 87) Benzo(b)fluoranthene       | 23.81 | 252  | 1127823  | 39.87 | nq    | 97       |
| 88) Benzo(k)fluoranthene       | 23.88 | 252  | 1074626  | 37.92 | nq    | 97       |
| 89) Benzo(a)pyrene             | 24.67 | 252  | 1055719  | 39.22 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 28.51 | 278  | 1051168  | 39.66 | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 29.60 | 276  | 1044868  | 38.71 | nq    | 98       |

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



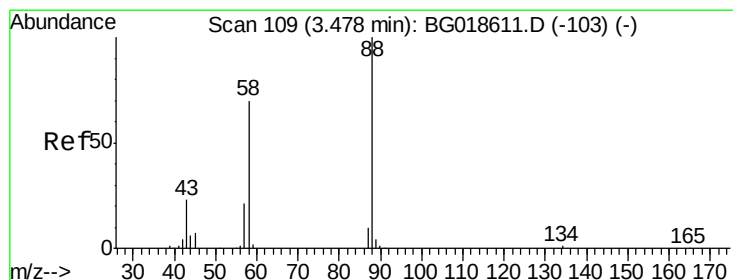
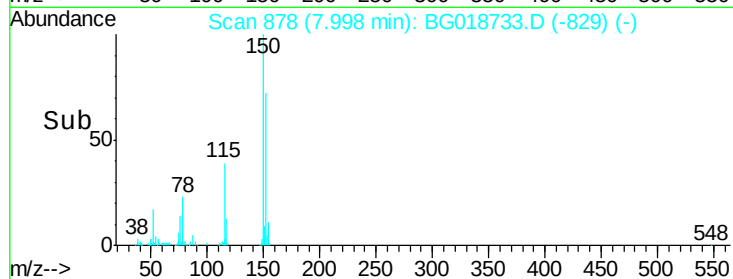
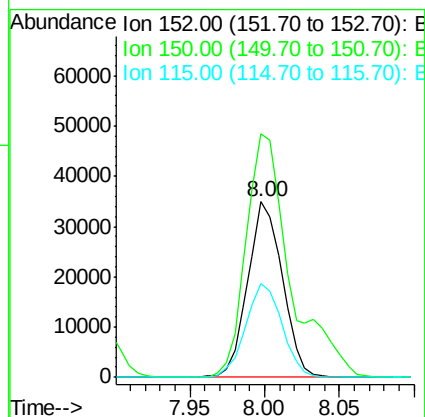
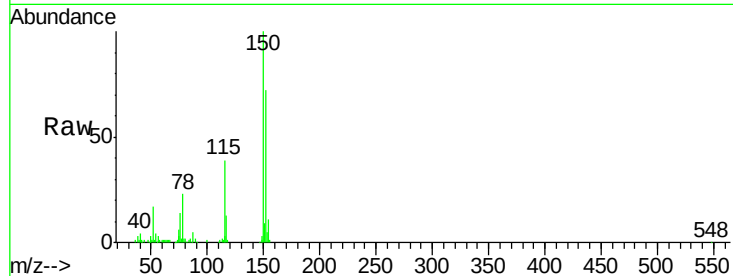


#1

1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.00 min Scan# 878  
Delta R.T. -0.01 min  
Lab File: BG018733.D  
Acq: 17 Sep 2015 11:24

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

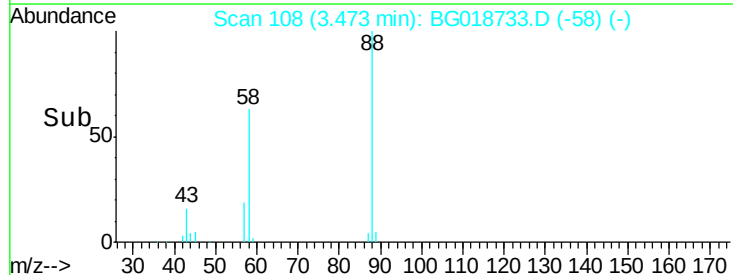
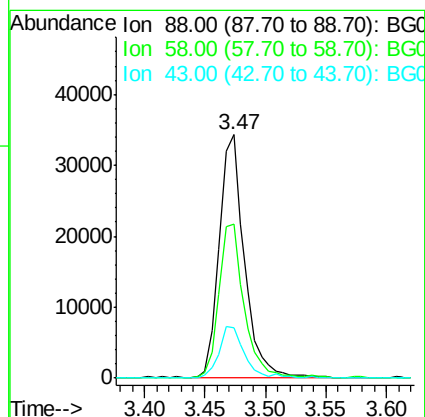
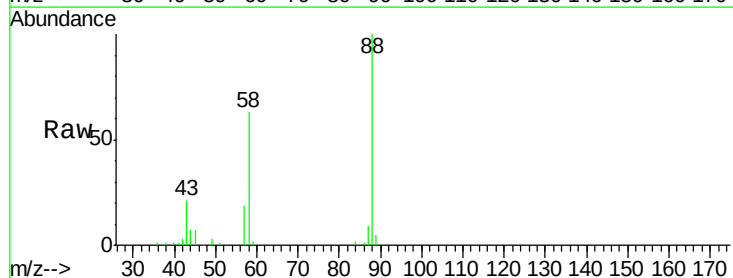
Tot Ion:152 Resp: 55929  
Ion Ratio Lower Upper  
152 100  
150 138.6 115.0 172.4  
115 53.7 43.9 65.9

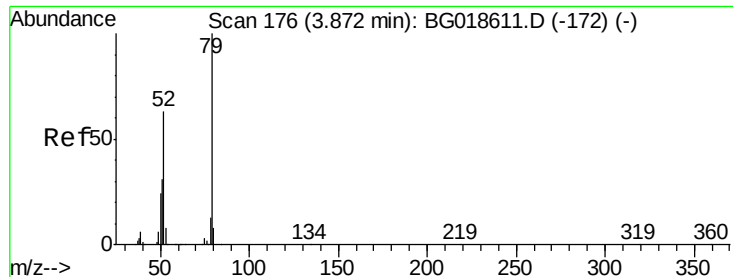


#2

1,4-Dioxane  
Concen: 36.61 ng  
RT: 3.47 min Scan# 108  
Delta R.T. -0.01 min  
Lab File: BG018733.D  
Acq: 17 Sep 2015 11:24

Tgt Ion: 88 Resp: 49543  
Ion Ratio Lower Upper  
88 100  
58 63.4 0.0 0.0#  
43 20.4 0.0 0.0#





#3

Pvridine

Concen: 36.77 ng

RT: 3.87 min Scan# 175

Delta R.T. -0.02 min

Lab File: BG018733.D

Acq: 17 Sep 2015 11:24

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

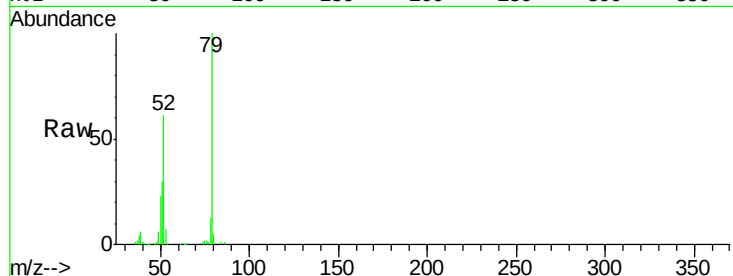
Tot Ion: 79 Resp: 154265

Ion Ratio Lower Upper

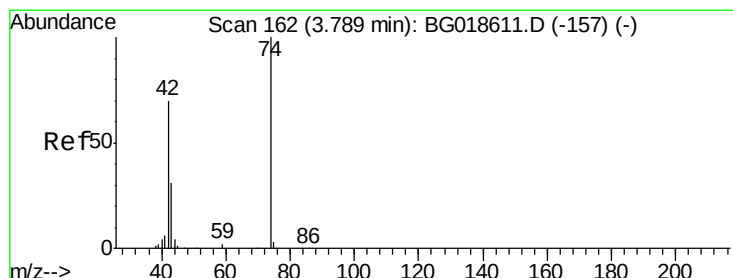
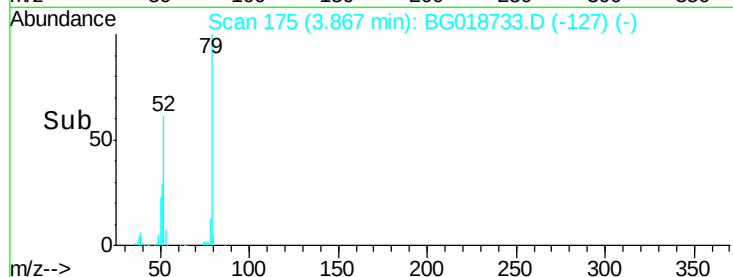
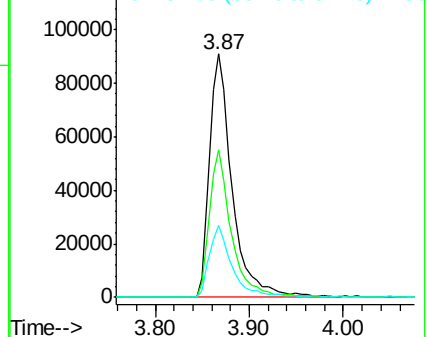
79 100

52 60.5 50.3 75.5

51 29.6 24.8 37.2



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: 34.90 ng

RT: 3.78 min Scan# 160

Delta R.T. -0.01 min

Lab File: BG018733.D

Acq: 17 Sep 2015 11:24

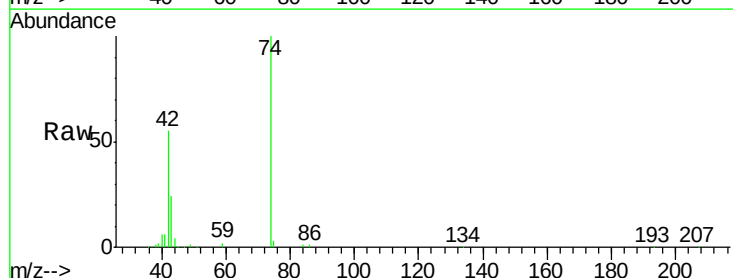
Tgt Ion: 42 Resp: 50979

Ion Ratio Lower Upper

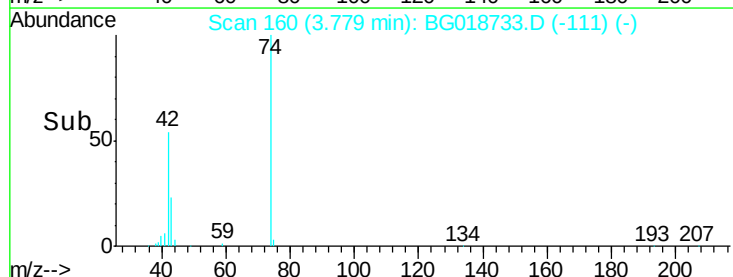
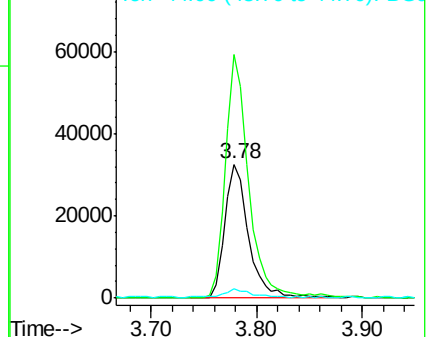
42 100

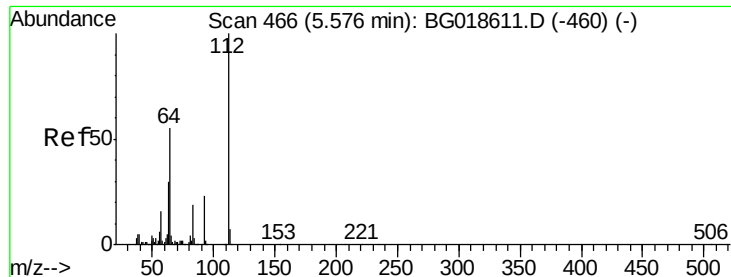
74 182.3 113.9 170.9#

44 7.1 5.7 8.5



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: 78.80 ng

RT: 5.57 min Scan# 465

Delta R.T. -0.01 min

Lab File: BG018733.D

Acq: 17 Sep 2015 11:24

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

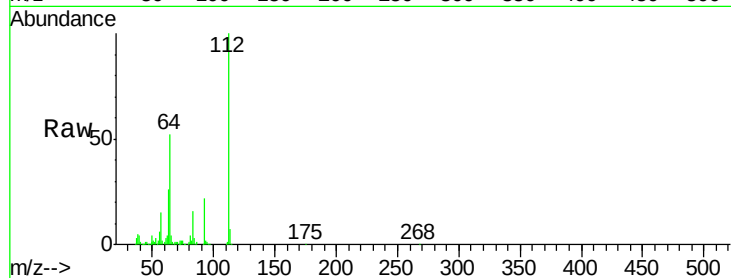
Tot Ion:112 Resp: 255125

Ion Ratio Lower Upper

112 100

64 52.4 43.7 65.5

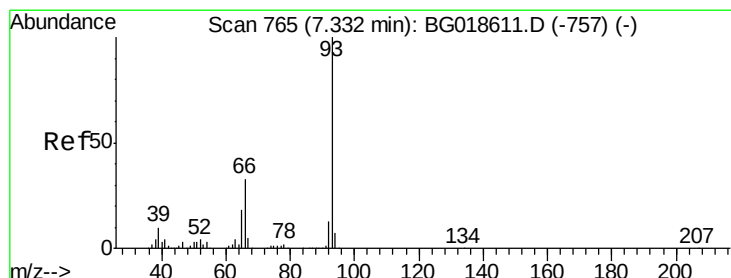
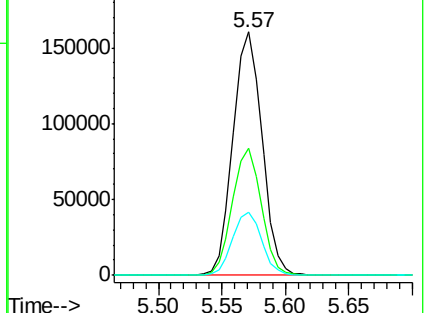
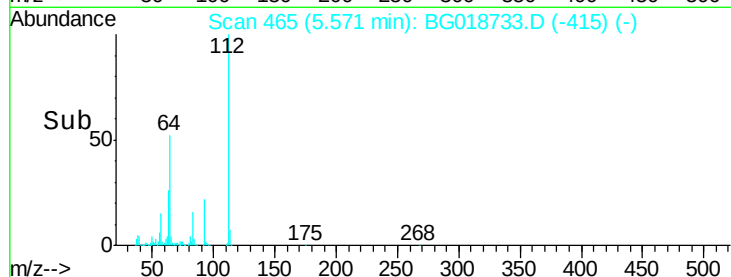
63 26.0 24.0 36.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.84 ng

RT: 7.32 min Scan# 763

Delta R.T. -0.01 min

Lab File: BG018733.D

Acq: 17 Sep 2015 11:24

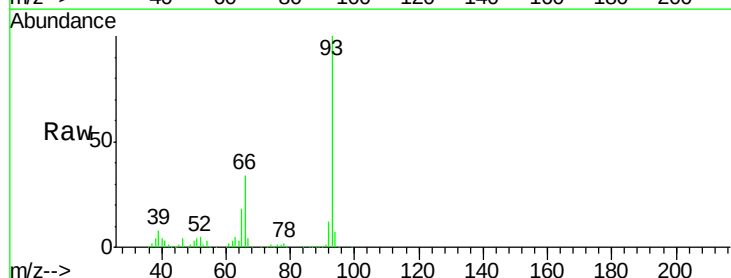
Tgt Ion: 93 Resp: 254854

Ion Ratio Lower Upper

93 100

66 34.3 26.2 39.2

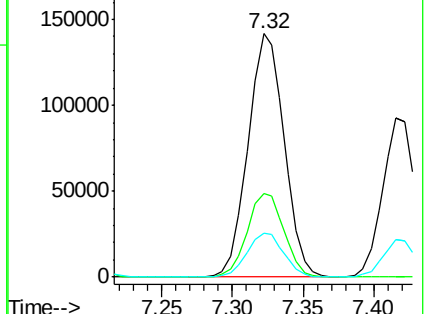
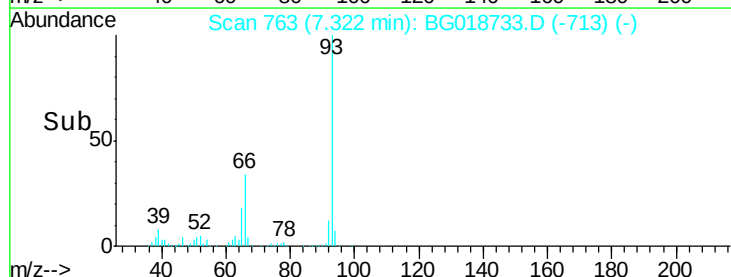
65 18.2 14.0 21.0

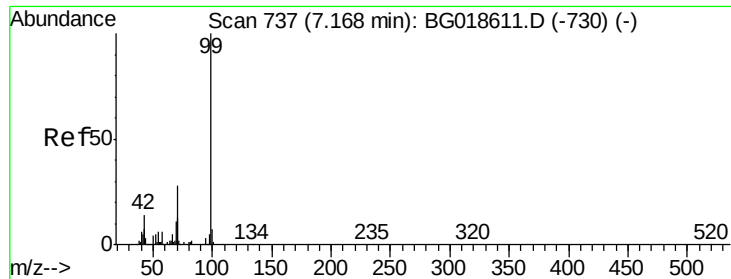


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 81.93 ng

RT: 7.16 min Scan# 736

Delta R.T. 0.00 min

Lab File: BG018733.D

Acq: 17 Sep 2015 11:24

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

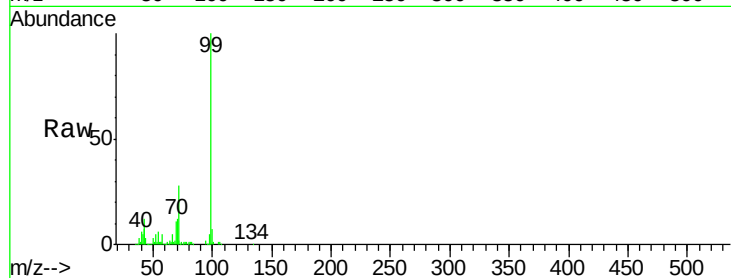
Tot Ion: 99 Resp: 380330

Ion Ratio Lower Upper

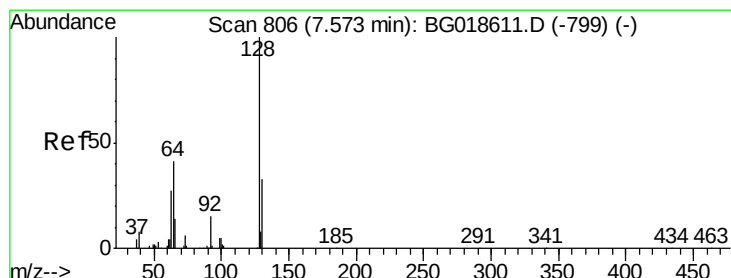
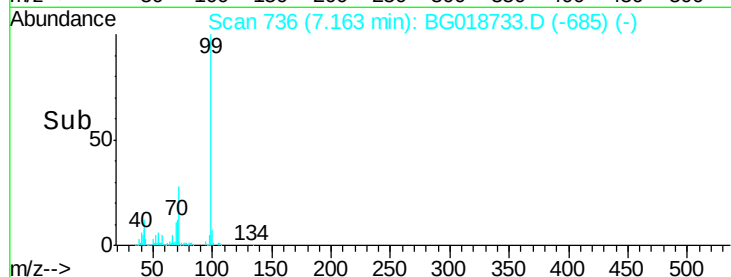
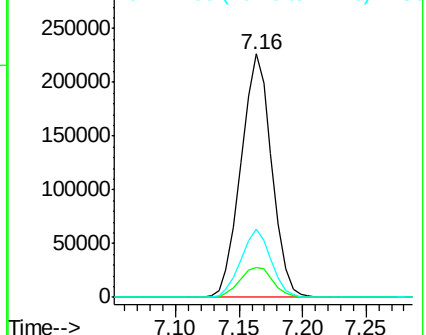
99 100

42 12.4 11.5 17.3

71 28.3 22.6 34.0



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: 40.56 ng

RT: 7.57 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG018733.D

Acq: 17 Sep 2015 11:24

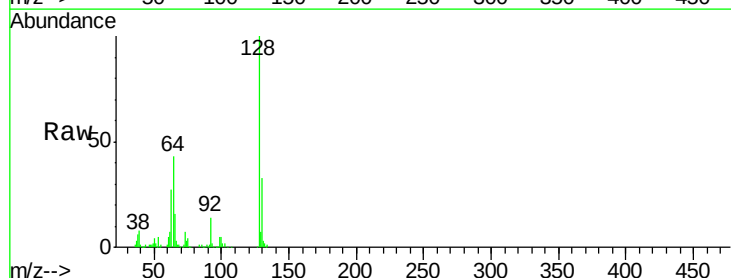
Tgt Ion: 128 Resp: 151615

Ion Ratio Lower Upper

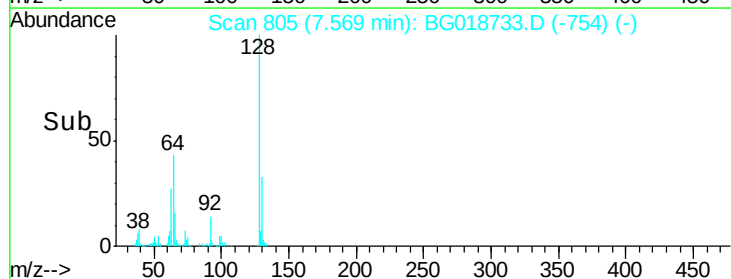
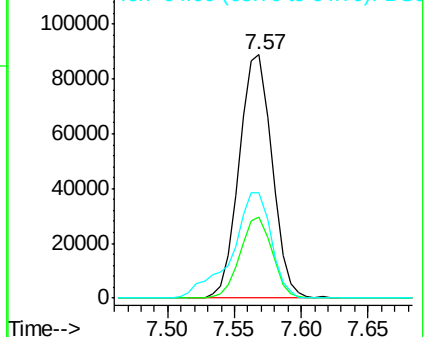
128 100

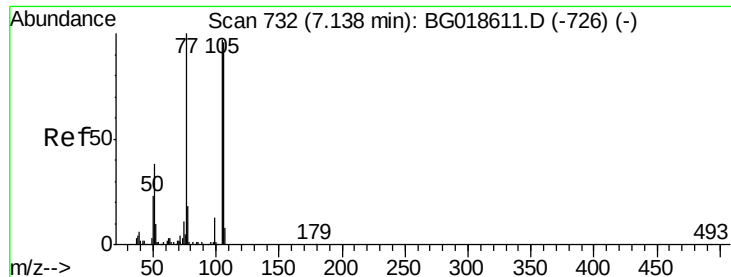
130 33.4 13.0 53.0

64 43.2 28.2 68.2



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





#9

Benzaldehyde

Concen: 37.47 ng

RT: 7.13 min Scan# 731

Delta R.T. -0.00 min

Lab File: BG018733.D

Acq: 17 Sep 2015 11:24

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

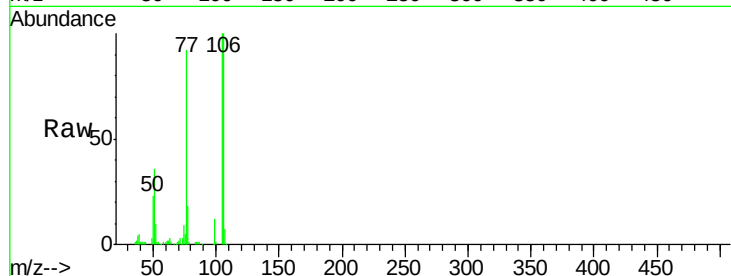
Tot Ion: 77 Resp: 93640

Ion Ratio Lower Upper

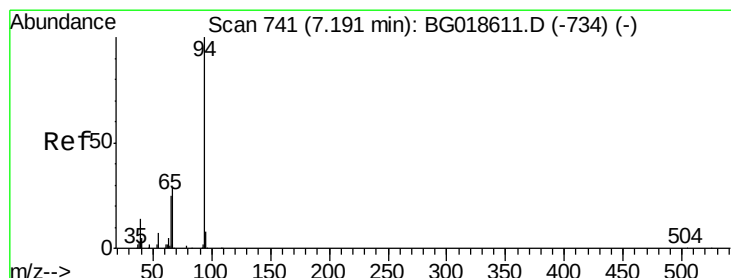
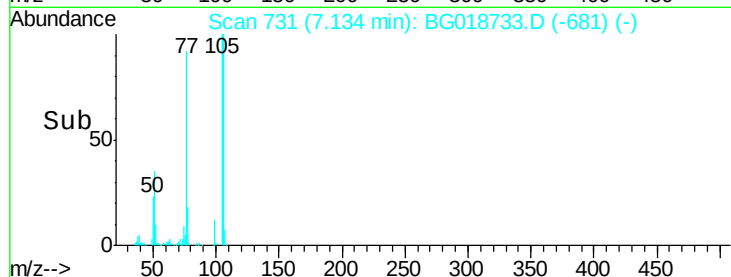
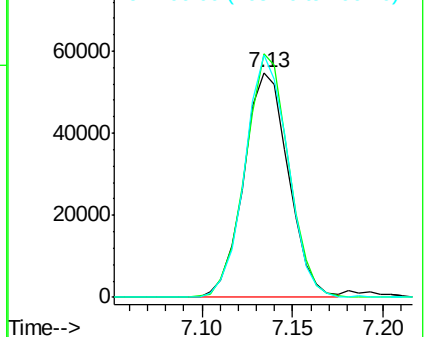
77 100

105 108.2 77.7 117.7

106 107.8 75.8 115.8



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: 40.84 ng

RT: 7.19 min Scan# 741

Delta R.T. 0.00 min

Lab File: BG018733.D

Acq: 17 Sep 2015 11:24

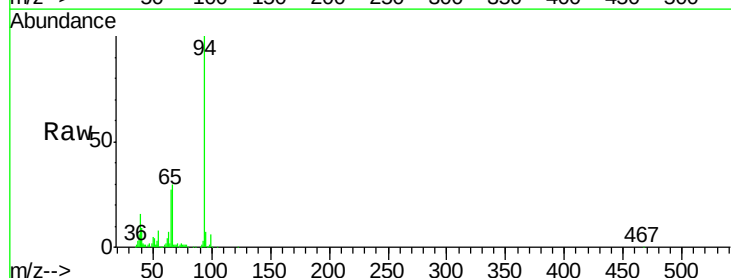
Tgt Ion: 94 Resp: 200297

Ion Ratio Lower Upper

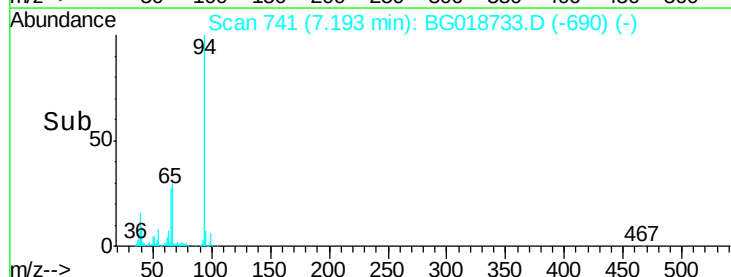
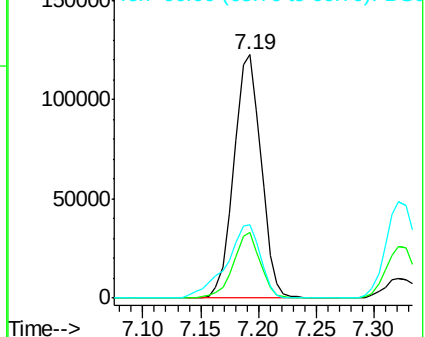
94 100

65 26.9 5.4 45.4

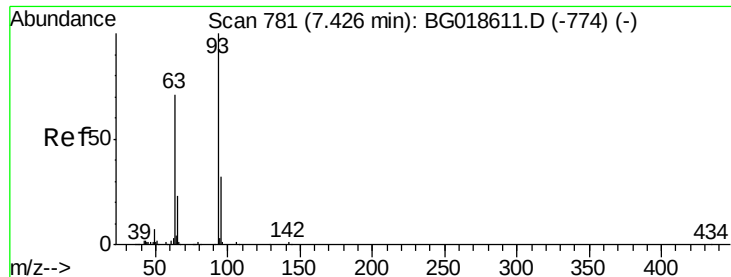
66 29.9 11.8 51.8



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



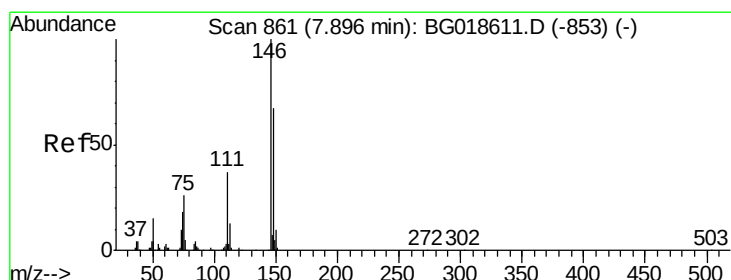
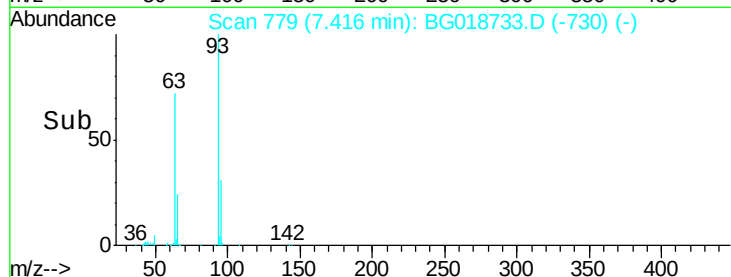
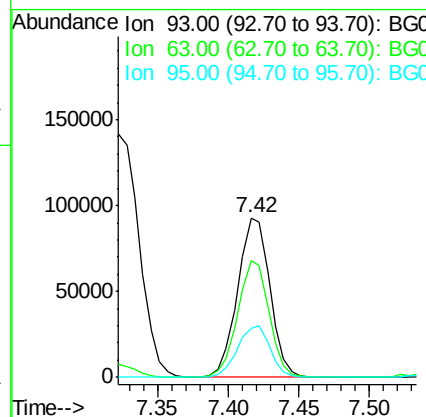
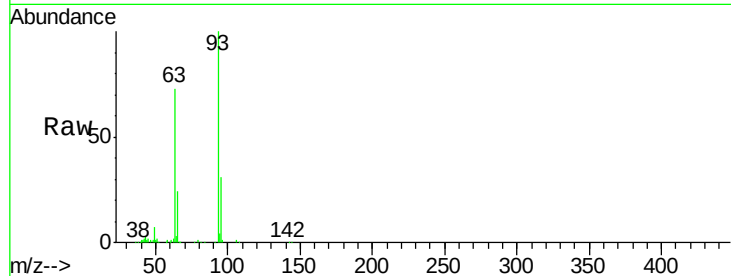




#11  
bis(2-Chloroethyl)ether  
Concen: 38.94 ng  
RT: 7.42 min Scan# 779  
Delta R.T. -0.01 min  
Lab File: BG018733.D  
Acq: 17 Sep 2015 11:24

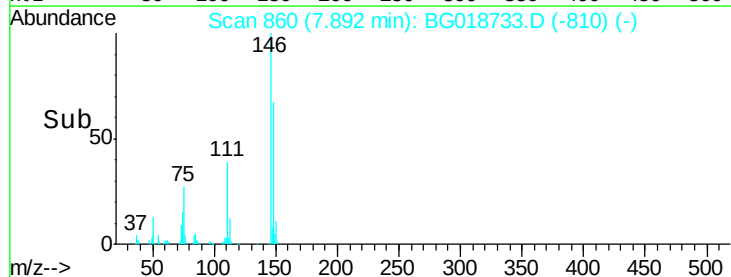
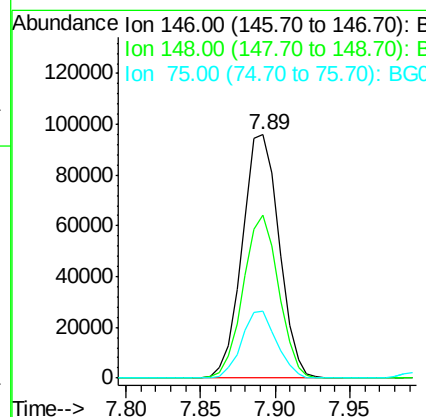
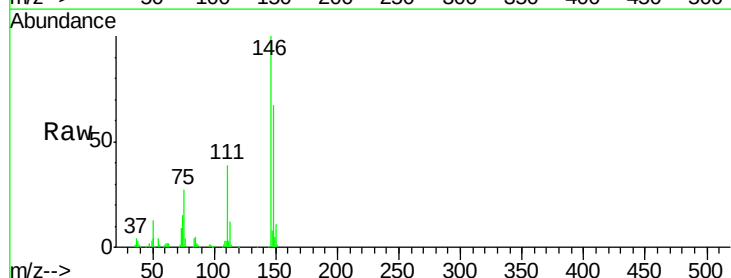
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

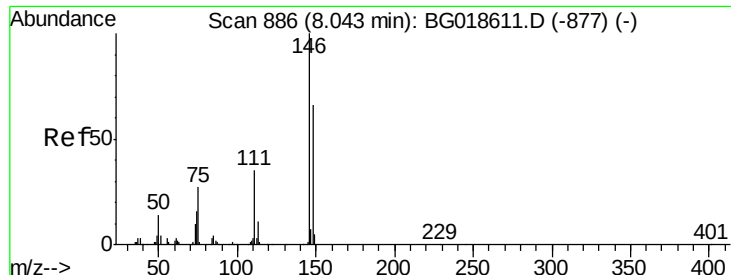
Tot Ion: 93 Resp: 147966  
Ion Ratio Lower Upper  
93 100  
63 73.4 50.5 90.5  
95 31.1 12.2 52.2



#12  
1,3-Dichlorobenzene  
Concen: 37.76 ng  
RT: 7.89 min Scan# 860  
Delta R.T. -0.01 min  
Lab File: BG018733.D  
Acq: 17 Sep 2015 11:24

Tgt Ion: 146 Resp: 164237  
Ion Ratio Lower Upper  
146 100  
148 66.8 53.4 80.0  
75 27.4 21.1 31.7

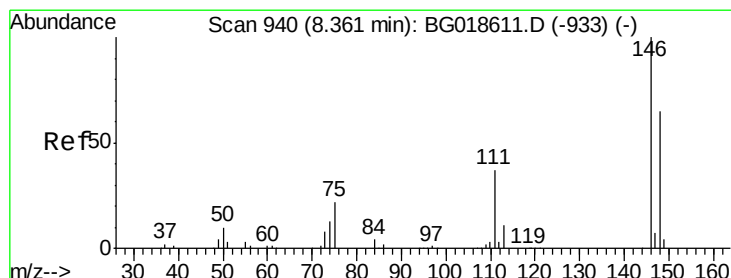
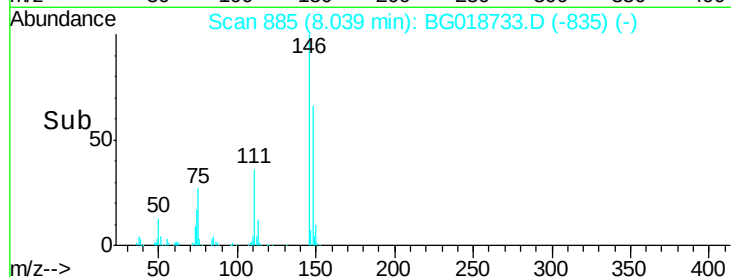
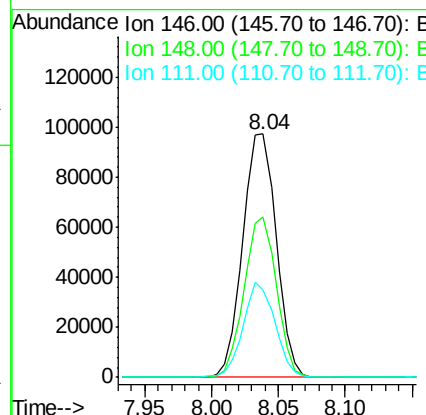
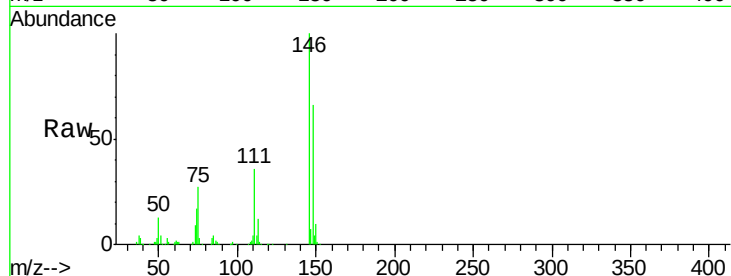




#13  
 1,4-Dichlorobenzene  
 Concen: 38.72 ng  
 RT: 8.04 min Scan# 885  
 Delta R.T. -0.01 min  
 Lab File: BG018733.D  
 Acq: 17 Sep 2015 11:24

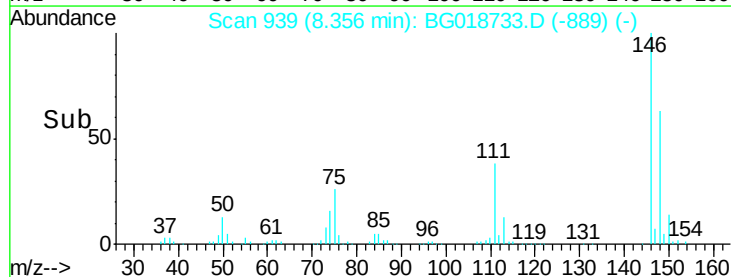
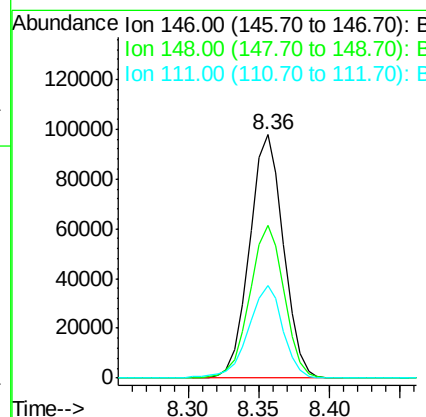
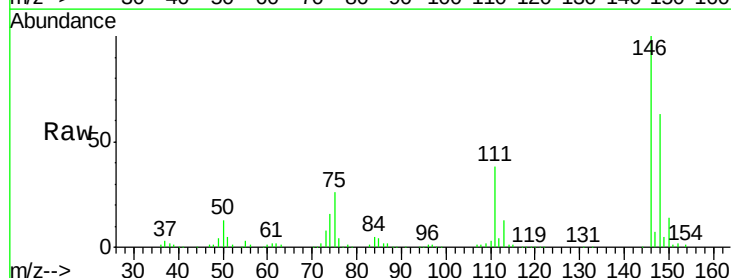
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDC040

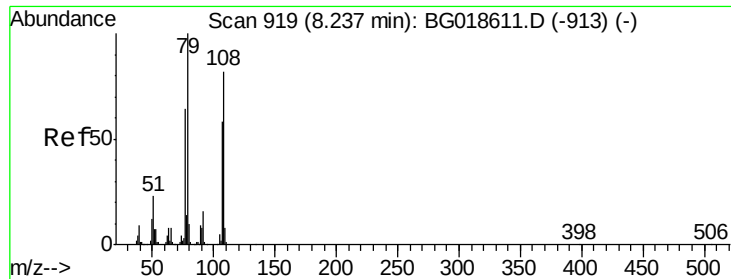
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.8  | 52.5  | 78.7  |
| 111     | 36.1  | 28.3  | 42.5  |



#14  
 1,2-Dichlorobenzene  
 Concen: 39.56 ng  
 RT: 8.36 min Scan# 939  
 Delta R.T. -0.01 min  
 Lab File: BG018733.D  
 Acq: 17 Sep 2015 11:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.6  | 52.5  | 78.7  |
| 111     | 37.9  | 29.9  | 44.9  |

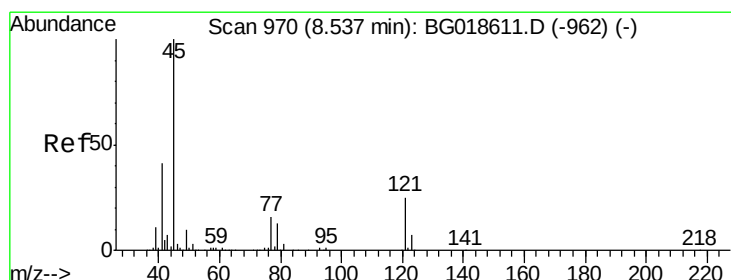
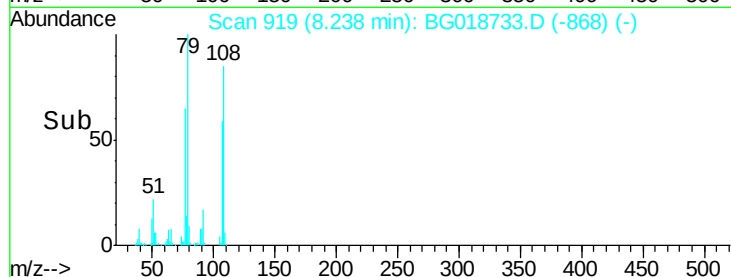
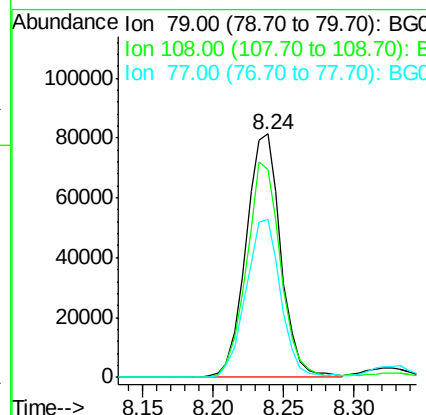
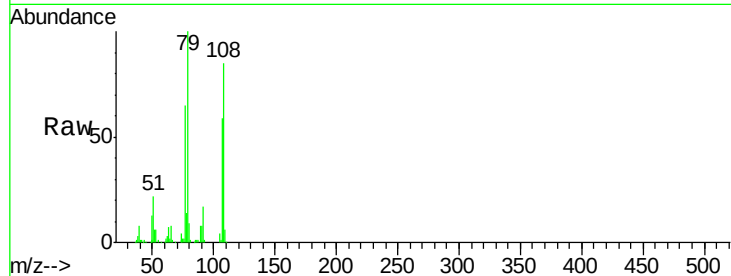




#15  
Benzyl Alcohol  
Concen: 41.99 ng  
RT: 8.24 min Scan# 919  
Delta R.T. 0.00 min  
Lab File: BG018733.D  
Acq: 17 Sep 2015 11:24

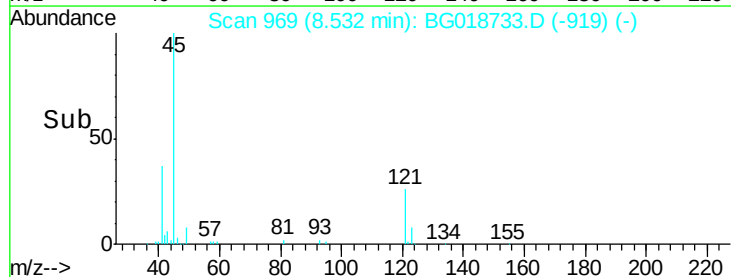
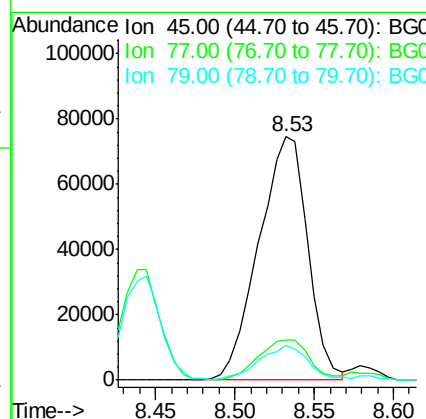
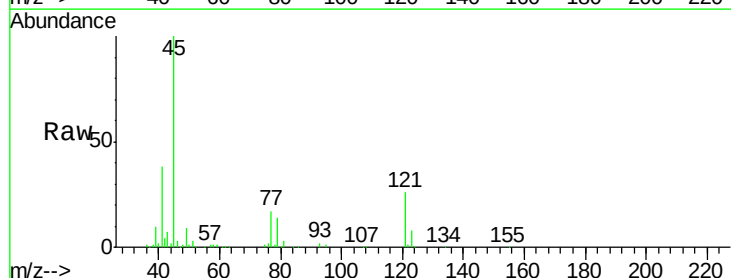
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

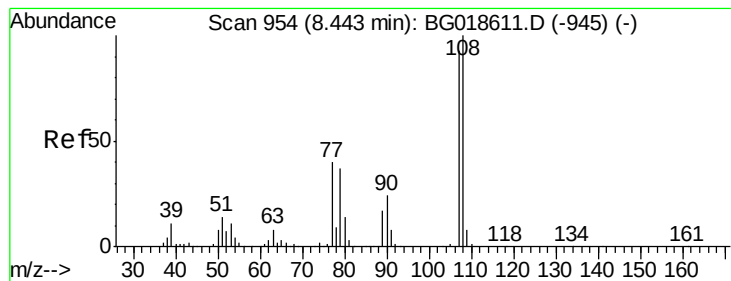
Tot Ion: 79 Resp: 140497  
Ion Ratio Lower Upper  
79 100  
108 85.3 65.5 98.3  
77 64.8 51.3 76.9



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 36.98 ng  
RT: 8.53 min Scan# 969  
Delta R.T. -0.01 min  
Lab File: BG018733.D  
Acq: 17 Sep 2015 11:24

Tgt Ion: 45 Resp: 159600  
Ion Ratio Lower Upper  
45 100  
77 16.6 0.0 37.0  
79 14.3 0.0 33.8





#17

2-Methylphenol

Concen: 41.01 ng

RT: 8.44 min Scan# 953

Delta R.T. -0.01 min

Lab File: BG018733.D

Acq: 17 Sep 2015 11:24

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 139751

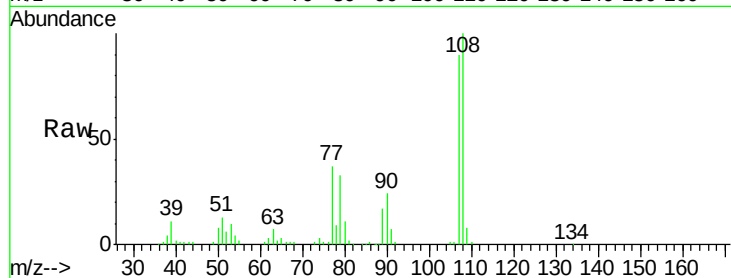
Ion Ratio Lower Upper

107 100

108 111.4 86.5 129.7

77 41.3 34.6 51.8

79 36.8 32.3 48.5

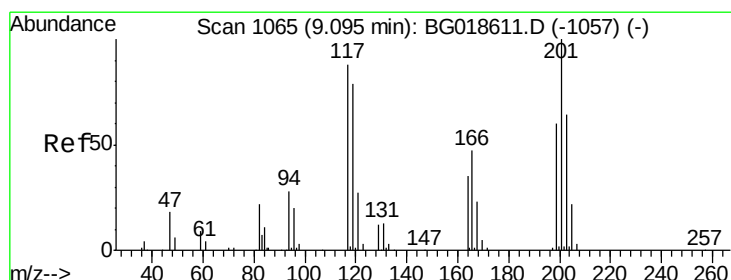
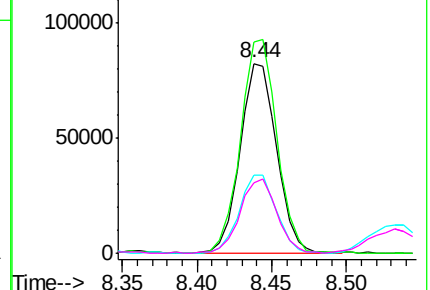
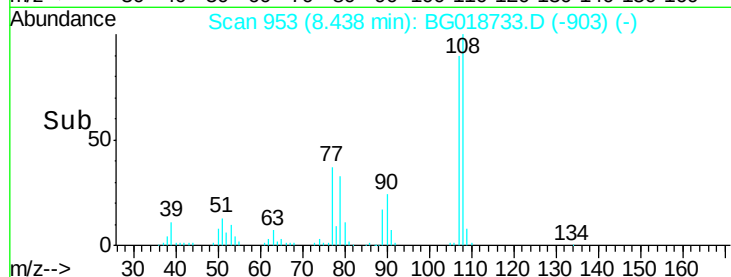


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 36.95 ng

RT: 9.08 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BG018733.D

Acq: 17 Sep 2015 11:24

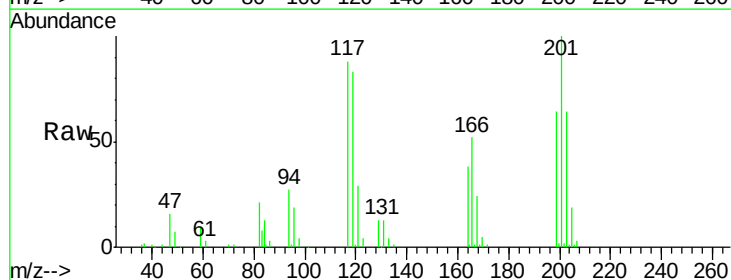
Tgt Ion:117 Resp: 57630

Ion Ratio Lower Upper

117 100

119 93.7 71.7 107.5

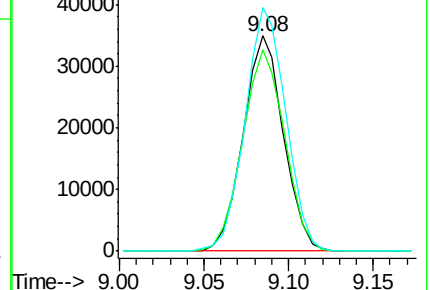
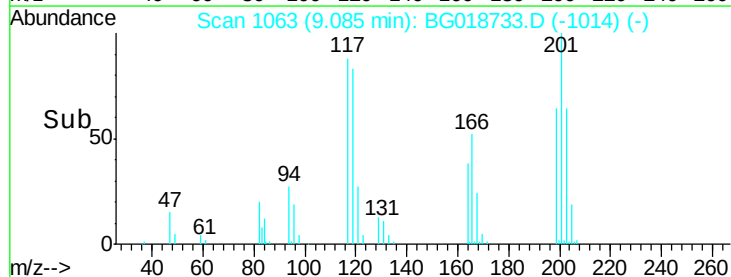
201 113.0 90.9 136.3

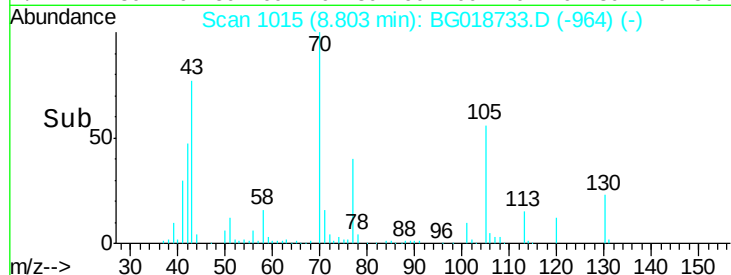
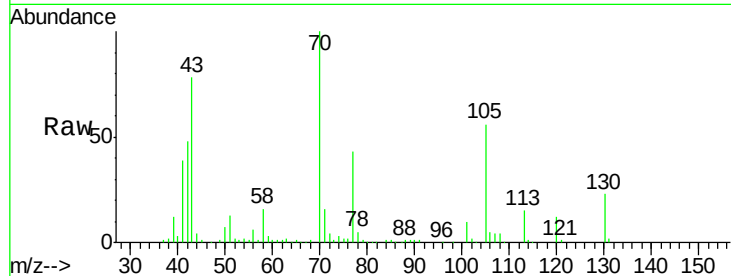
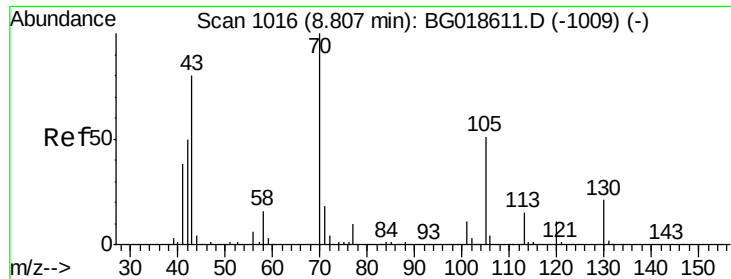


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

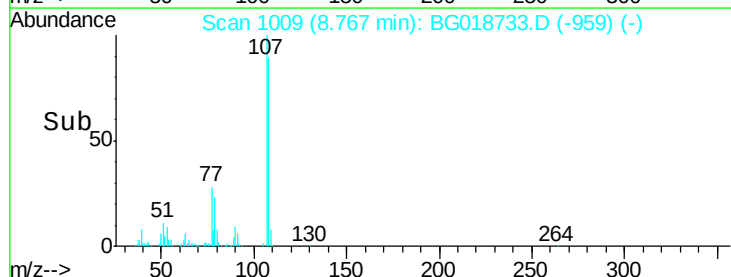
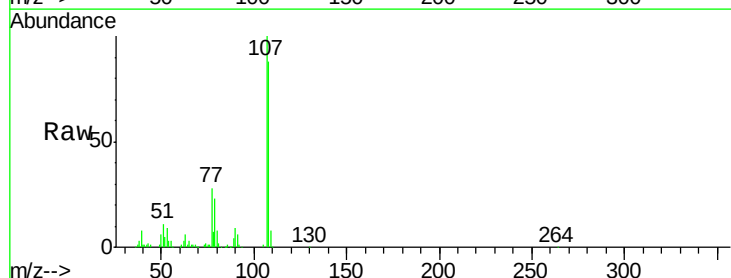
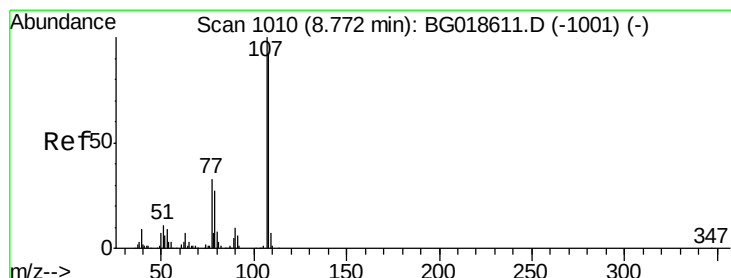
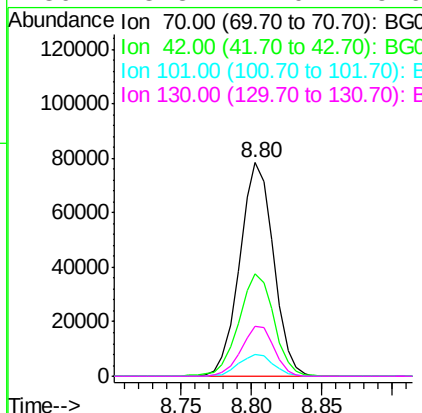




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.15 ng  
RT: 8.80 min Scan# 1015  
Delta R.T. 0.00 min  
Lab File: BG018733.D  
Acq: 17 Sep 2015 11:24

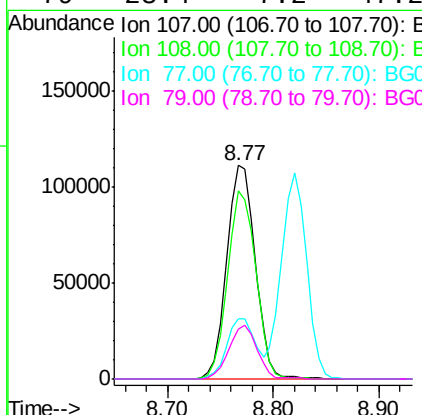
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

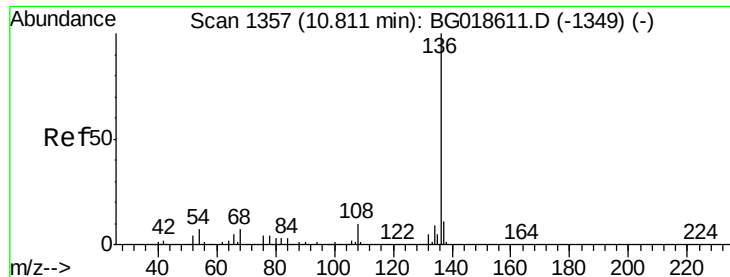
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 131290 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 48.0  | 40.6  | 60.8   |
| 101      | 10.1  | 8.6   | 13.0   |
| 130      | 23.3  | 17.0  | 25.6   |



#20  
3+4-Methylphenols  
Concen: 43.26 ng  
RT: 8.77 min Scan# 1009  
Delta R.T. -0.01 min  
Lab File: BG018733.D  
Acq: 17 Sep 2015 11:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 206970 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.2  | 72.2  | 112.2  |
| 77       | 28.2  | 13.4  | 53.4   |
| 79       | 23.4  | 7.2   | 47.2   |

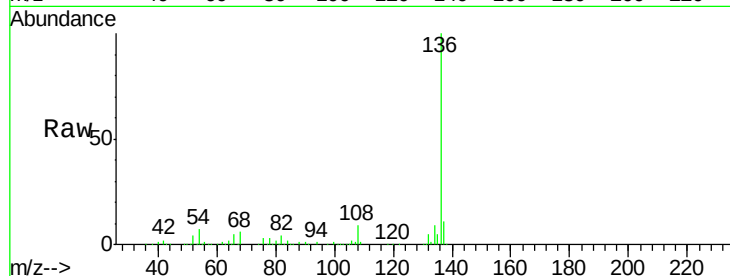




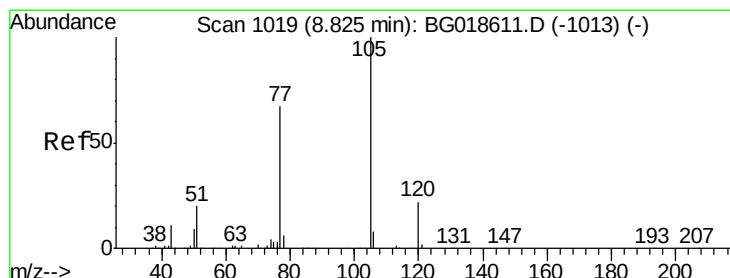
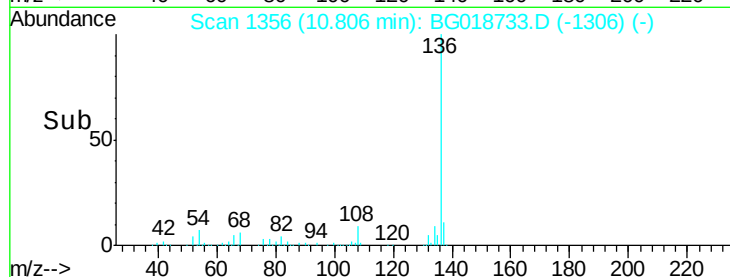
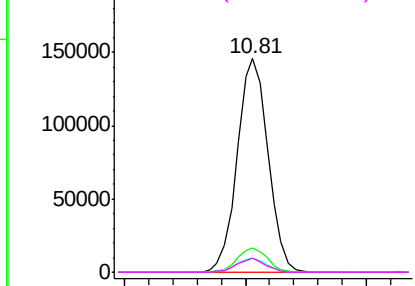
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.81 min Scan# 1356  
Delta R.T. -0.01 min  
Lab File: BG018733.D  
Acq: 17 Sep 2015 11:24

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 258654   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.2  | 8.6 12.8 |
| 54          | 6.6   | 5.4 8.2  |
| 68          | 6.4   | 5.3 7.9  |

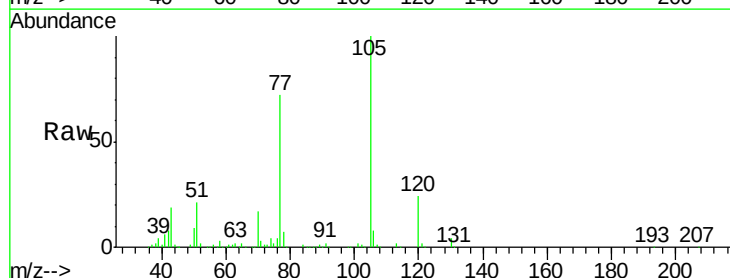


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

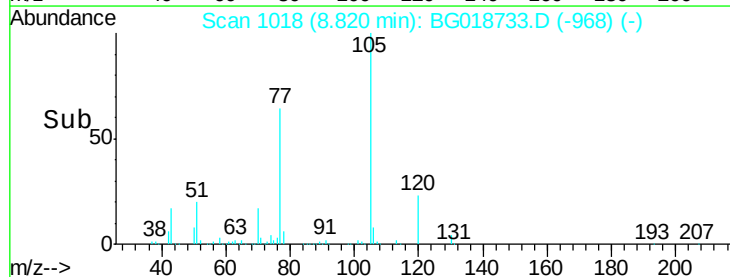
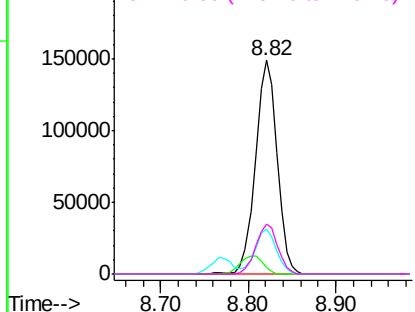


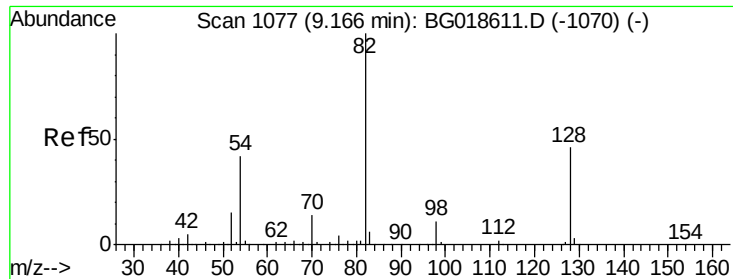
#22  
Acetophenone  
Concen: 38.69 ng  
RT: 8.82 min Scan# 1018  
Delta R.T. -0.01 min  
Lab File: BG018733.D  
Acq: 17 Sep 2015 11:24

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 253537    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 2.8   | 2.1 3.1   |
| 51          | 21.1  | 17.8 26.8 |
| 120         | 23.5  | 17.7 26.5 |



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

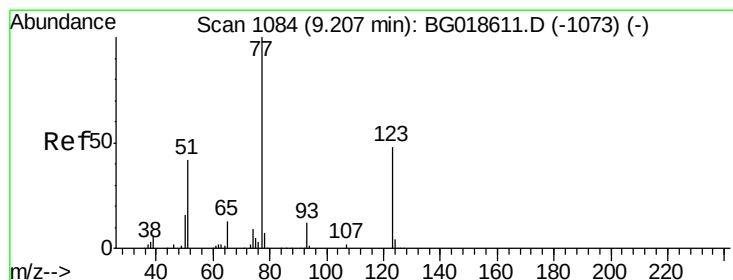
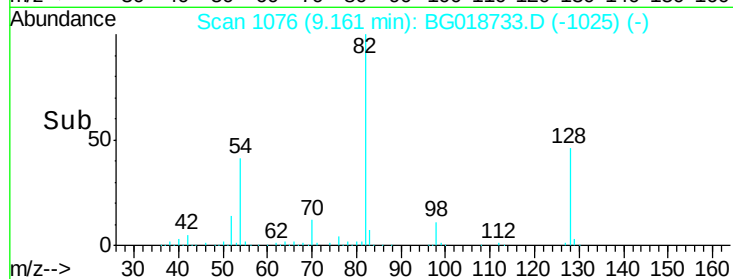
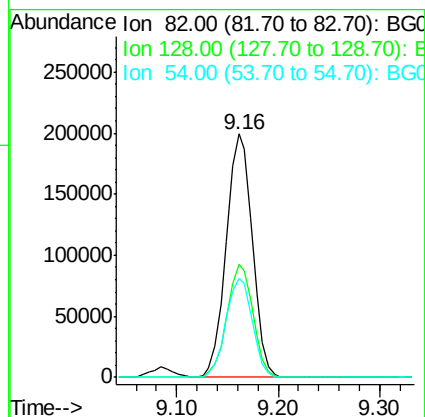
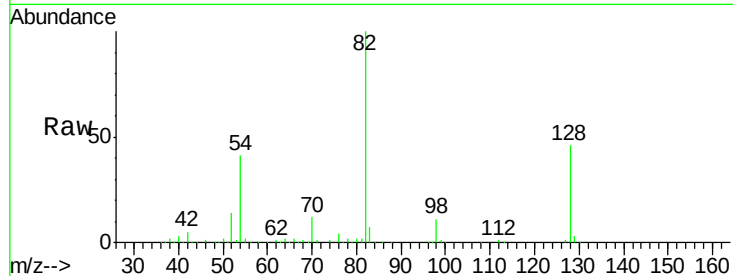




#23  
Nitrobenzene-d5  
Concen: 77.05 ng  
RT: 9.16 min Scan# 1076  
Delta R.T. 0.00 min  
Lab File: BG018733.D  
Acq: 17 Sep 2015 11:24

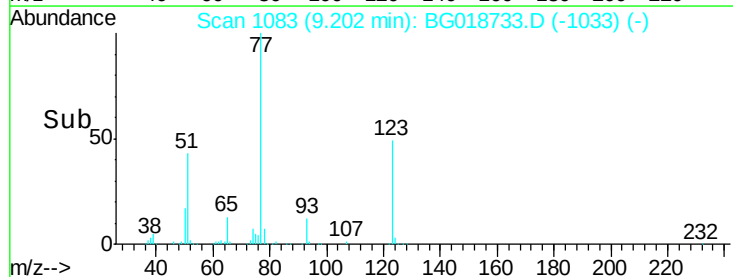
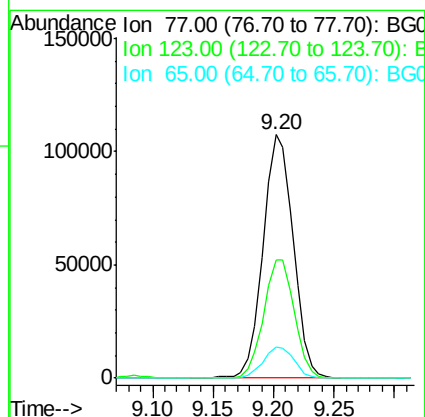
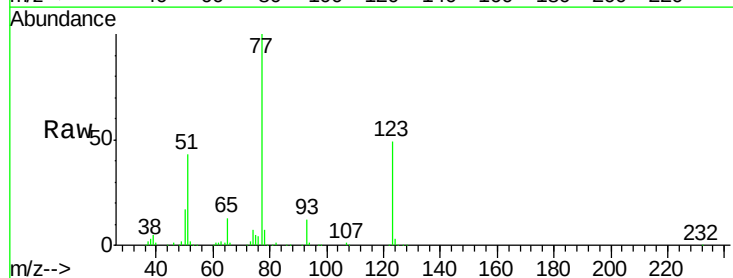
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

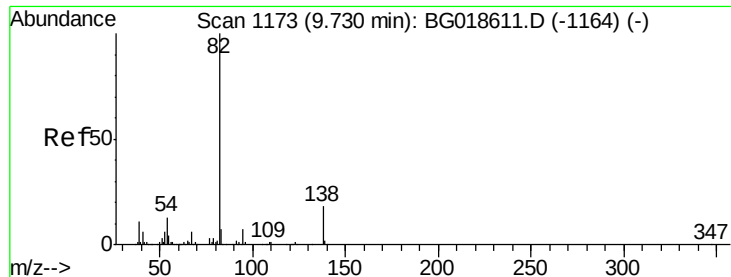
Tot Ion: 82 Resp: 356139  
Ion Ratio Lower Upper  
82 100  
128 46.4 36.7 55.1  
54 40.7 33.8 50.8



#24  
Nitrobenzene  
Concen: 37.76 ng  
RT: 9.20 min Scan# 1083  
Delta R.T. -0.01 min  
Lab File: BG018733.D  
Acq: 17 Sep 2015 11:24

Tgt Ion: 77 Resp: 185344  
Ion Ratio Lower Upper  
77 100  
123 48.6 38.2 57.2  
65 12.9 10.6 16.0





#25

Isophorone

Concen: 38.80 ng

RT: 9.72 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BG018733.D

Acq: 17 Sep 2015 11:24

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

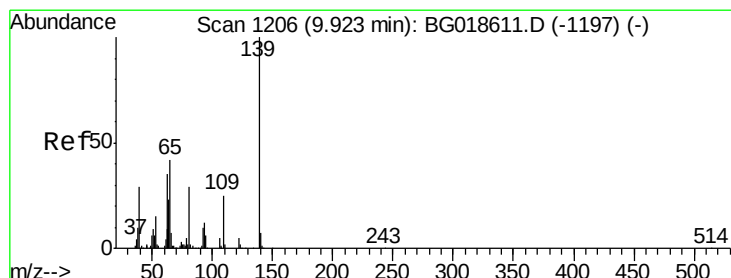
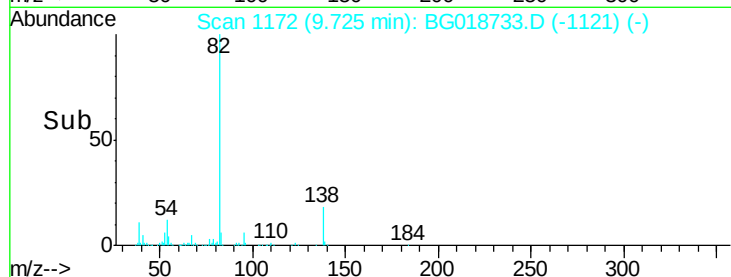
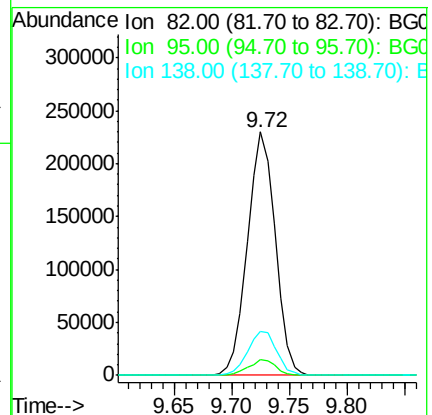
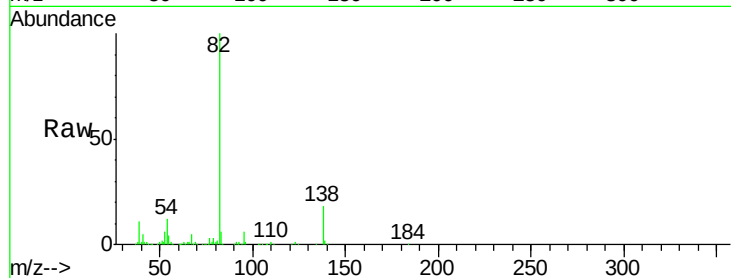
Tot Ion: 82 Resp: 385727

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 17.8 14.4 21.6



#26

2-Nitrophenol

Concen: 42.36 ng

RT: 9.91 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BG018733.D

Acq: 17 Sep 2015 11:24

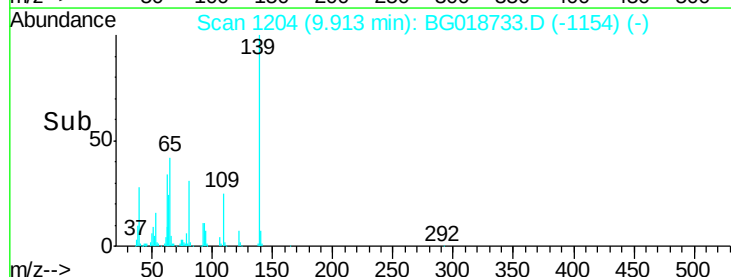
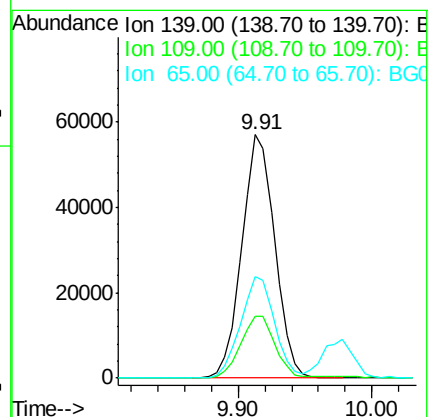
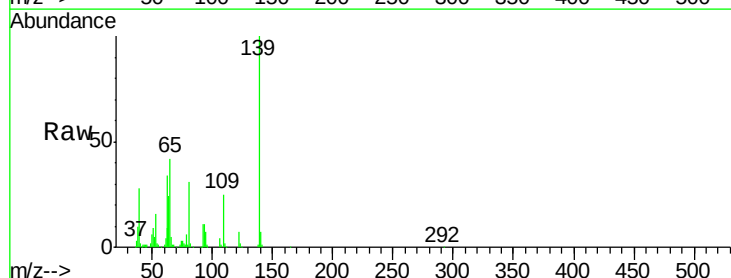
Tgt Ion: 139 Resp: 97008

Ion Ratio Lower Upper

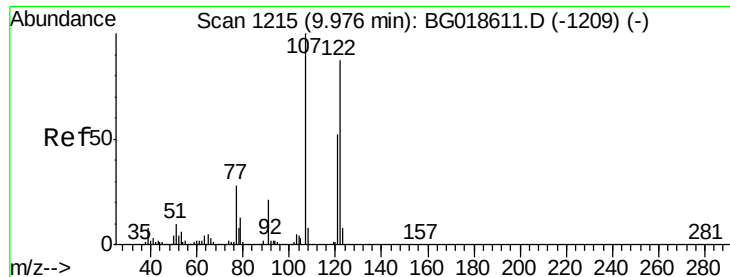
139 100

109 25.2 20.1 30.1

65 41.6 34.1 51.1



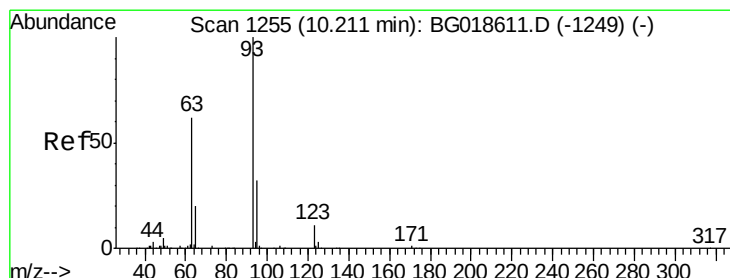
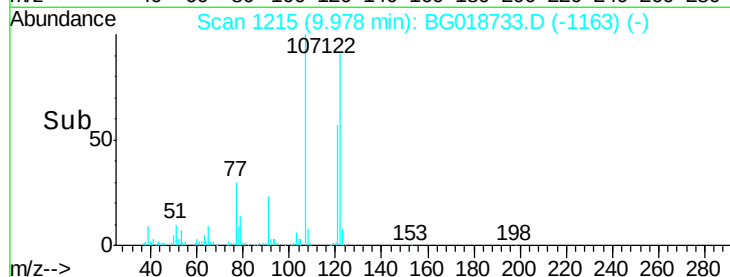
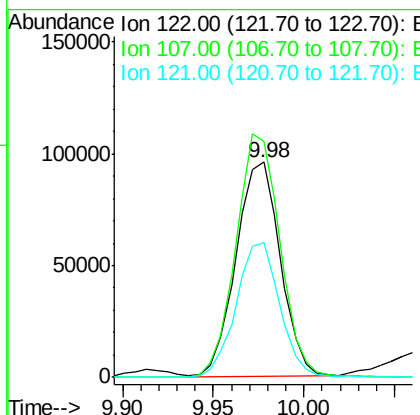
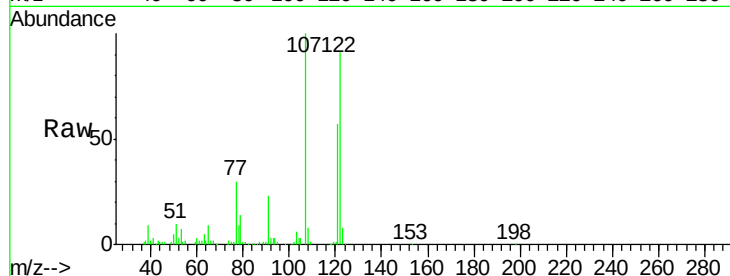




#27  
 2,4-Dimethylphenol  
 Concen: 39.12 ng  
 RT: 9.98 min Scan# 1215  
 Delta R.T. 0.01 min  
 Lab File: BG018733.D  
 Acq: 17 Sep 2015 11:24

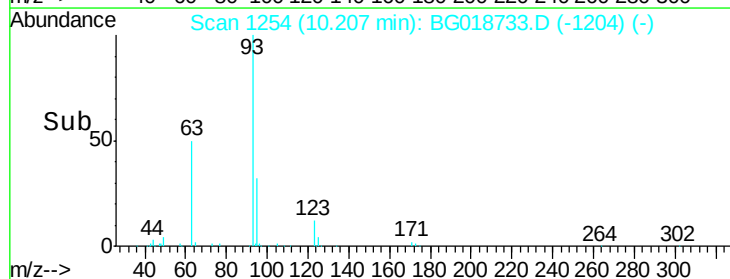
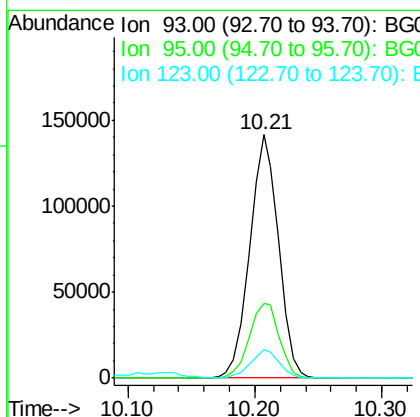
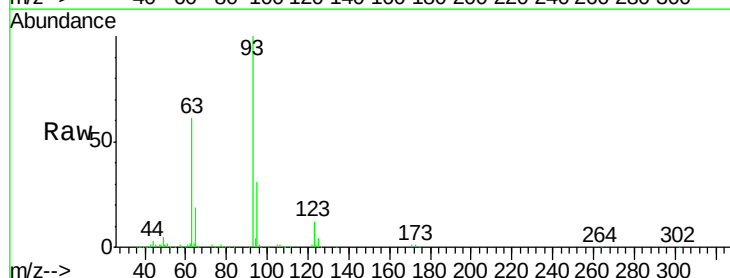
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

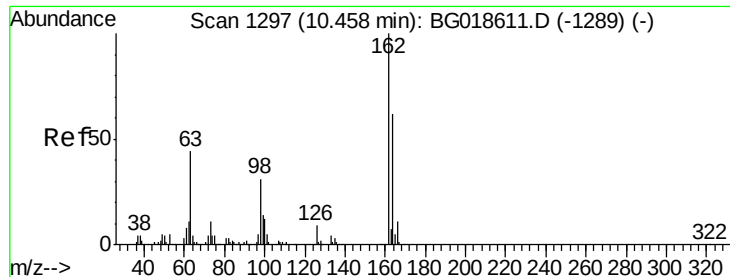
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 109.9 | 91.6  | 137.4 |
| 121     | 62.5  | 47.3  | 70.9  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 39.07 ng  
 RT: 10.21 min Scan# 1254  
 Delta R.T. -0.01 min  
 Lab File: BG018733.D  
 Acq: 17 Sep 2015 11:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 30.6  | 25.7  | 38.5  |
| 123     | 11.9  | 8.6   | 12.8  |

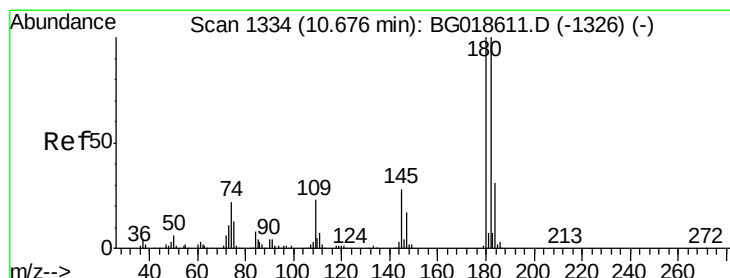
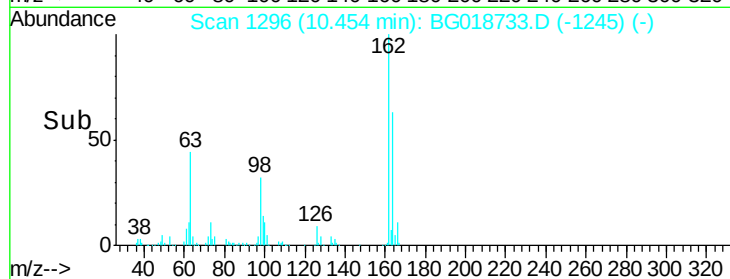
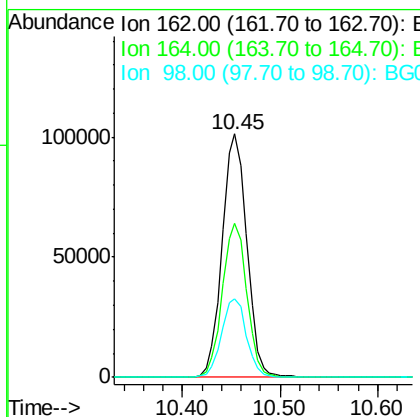
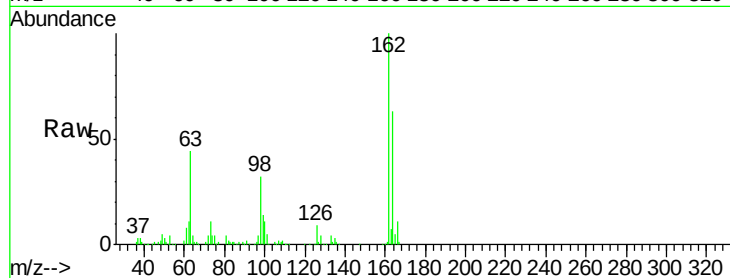




#29  
 2,4-Dichlorophenol  
 Concen: 42.20 ng  
 RT: 10.45 min Scan# 1296  
 Delta R.T. 0.00 min  
 Lab File: BG018733.D  
 Acq: 17 Sep 2015 11:24

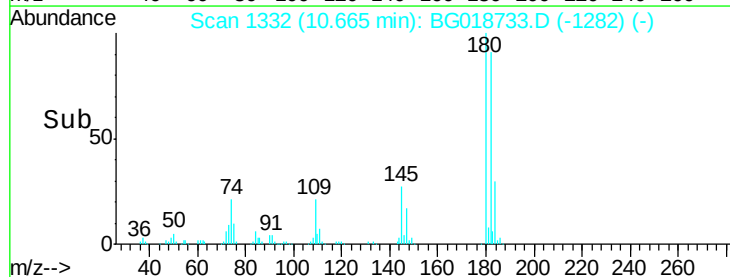
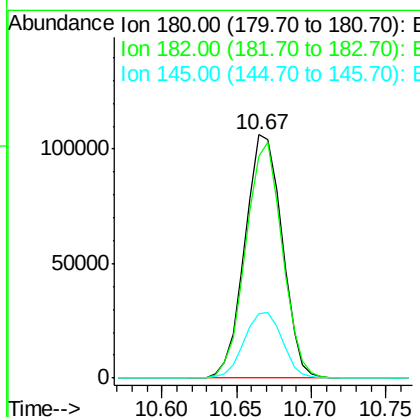
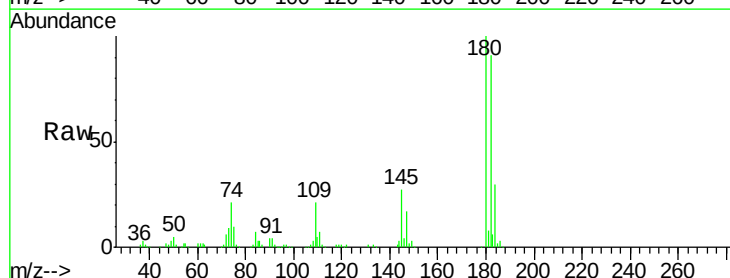
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

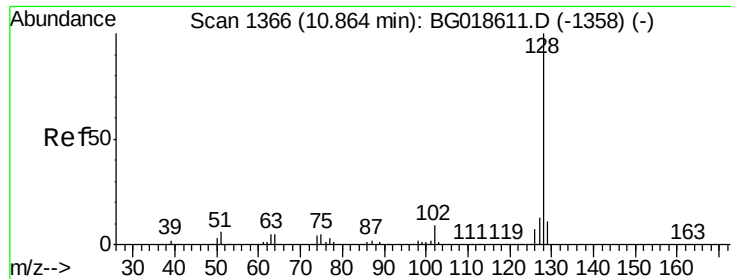
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:162 | Resp: | 177330    |
| Ion Ratio   | Lower | Upper     |
| 162         | 100   |           |
| 164         | 63.5  | 42.3 82.3 |
| 98          | 32.4  | 11.5 51.5 |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.36 ng  
 RT: 10.67 min Scan# 1332  
 Delta R.T. -0.01 min  
 Lab File: BG018733.D  
 Acq: 17 Sep 2015 11:24

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 183318     |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 91.0  | 79.7 119.5 |
| 145         | 26.6  | 22.0 33.0  |

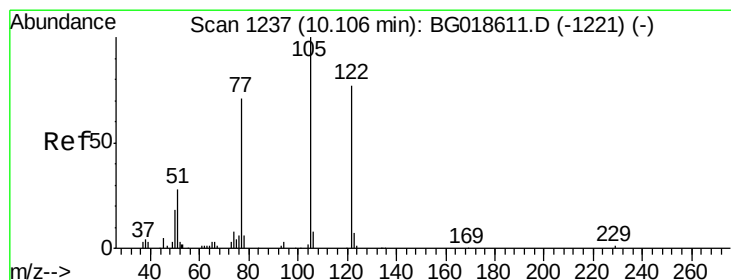
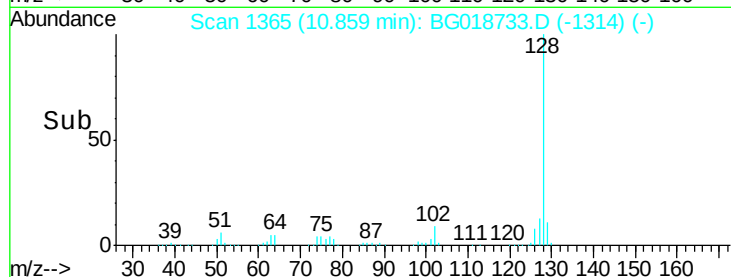
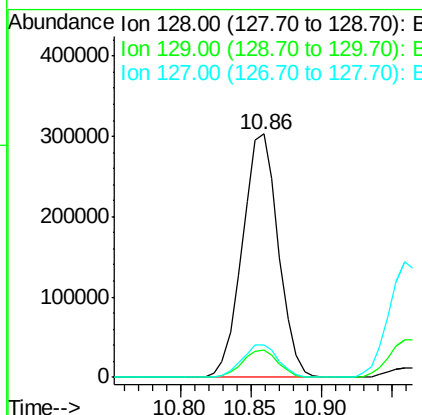
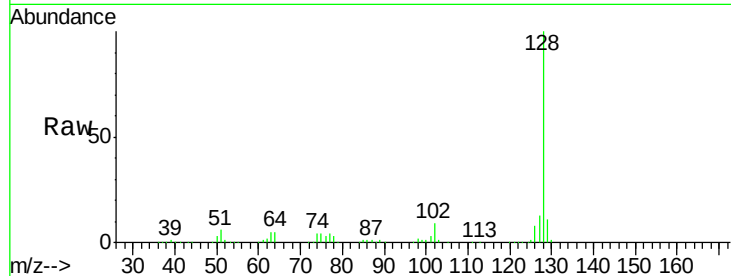




#31  
Naphthalene  
Concen: 38.94 ng  
RT: 10.86 min Scan# 1365  
Delta R.T. 0.00 min  
Lab File: BG018733.D  
Acq: 17 Sep 2015 11:24

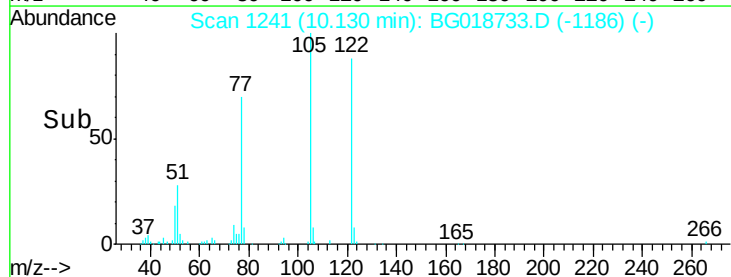
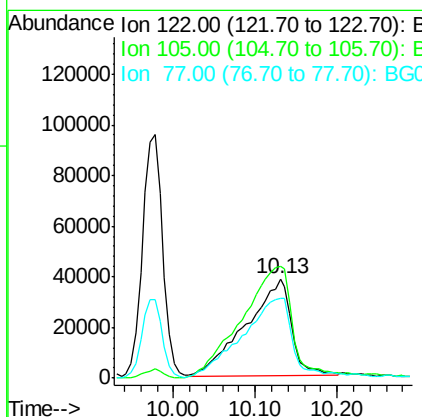
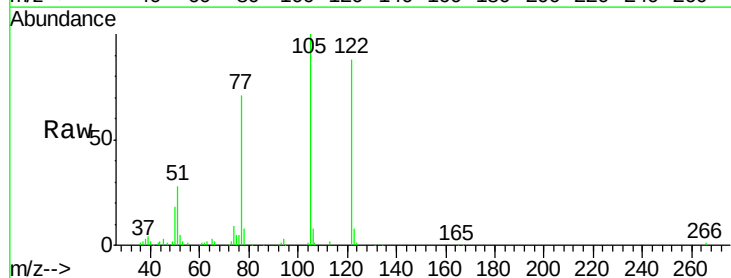
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

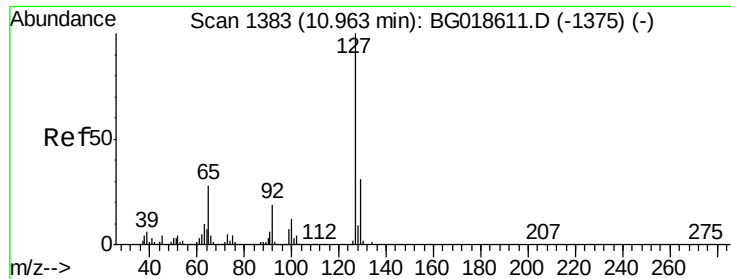
Tot Ion:128 Resp: 539397  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.5 12.7  
127 13.2 10.6 16.0



#32  
Benzoic acid  
Concen: 43.92 ng  
RT: 10.13 min Scan# 1241  
Delta R.T. 0.03 min  
Lab File: BG018733.D  
Acq: 17 Sep 2015 11:24

Tgt Ion:122 Resp: 148829  
Ion Ratio Lower Upper  
122 100  
105 113.4 103.8 143.8  
77 80.1 68.8 108.8

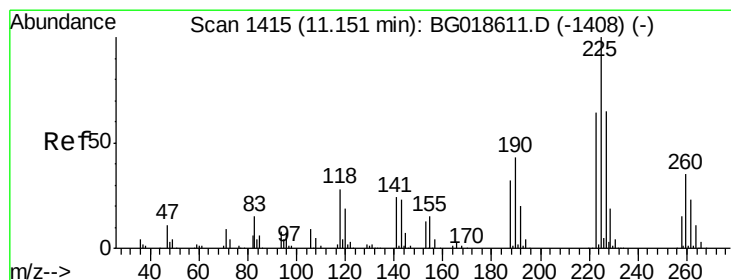
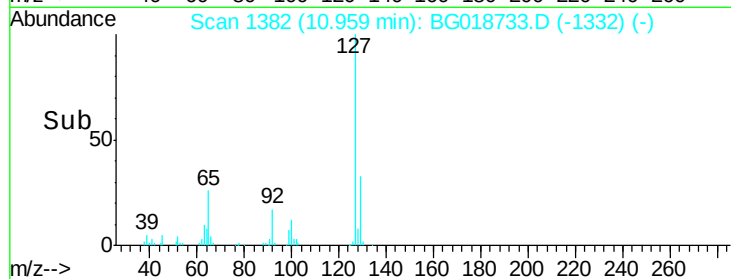
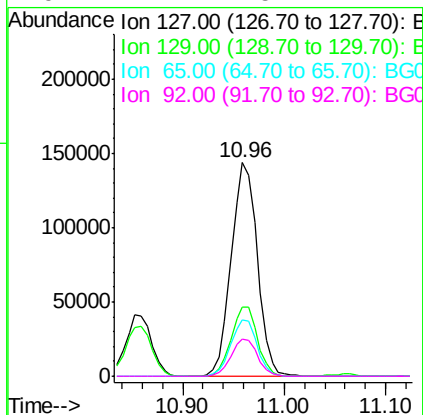
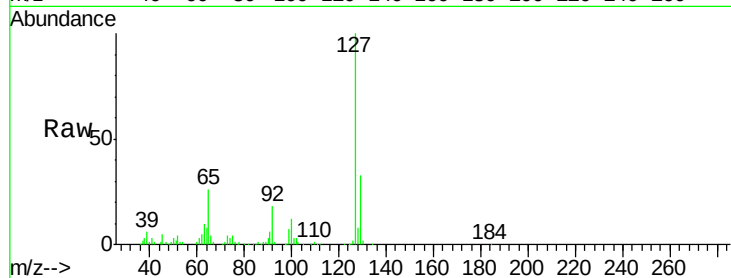




#33  
4-Chloroaniline  
Concen: 41.15 ng  
RT: 10.96 min Scan# 1382  
Delta R.T. -0.01 min  
Lab File: BG018733.D  
Acq: 17 Sep 2015 11:24

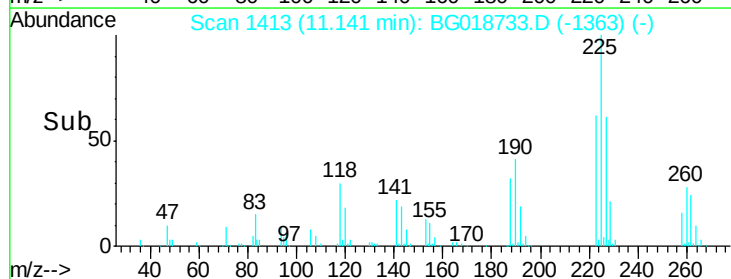
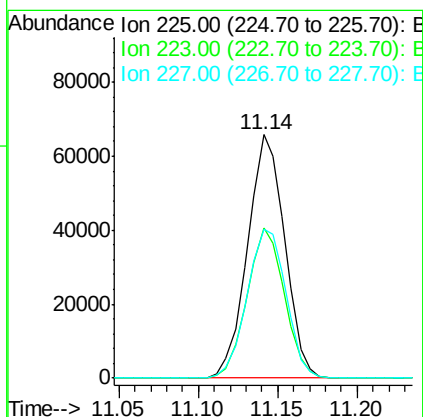
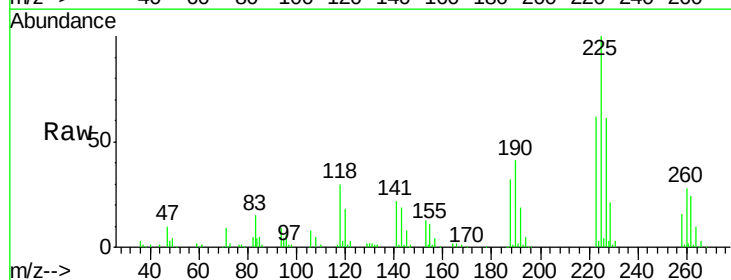
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

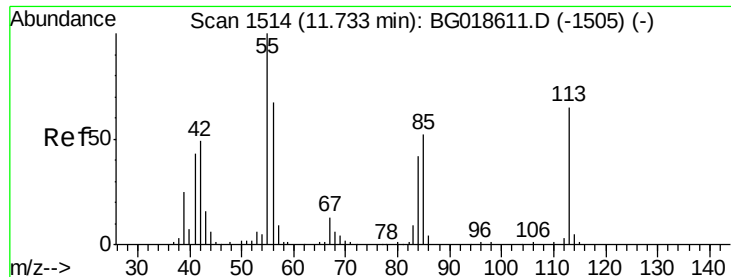
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 257941 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.6  | 24.6  | 37.0   |
| 65       | 26.2  | 22.6  | 33.8   |
| 92       | 17.7  | 15.1  | 22.7   |



#34  
Hexachlorobutadiene  
Concen: 39.05 ng  
RT: 11.14 min Scan# 1413  
Delta R.T. -0.01 min  
Lab File: BG018733.D  
Acq: 17 Sep 2015 11:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 107221 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.6  | 51.0  | 76.4   |
| 227      | 61.2  | 51.8  | 77.8   |





#35

Caprolactam

Concen: 39.17 ng

RT: 11.75 min Scan# 1516

Delta R.T. 0.05 min

Lab File: BG018733.D

Acq: 17 Sep 2015 11:24

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

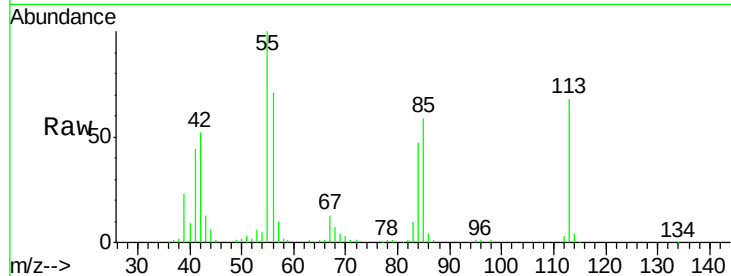
Tot Ion:113 Resp: 70762

Ion Ratio Lower Upper

113 100

55 147.9 135.0 175.0

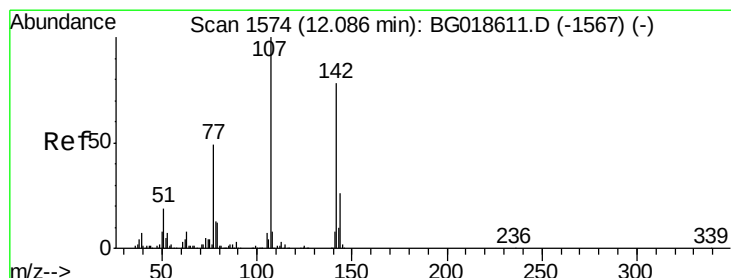
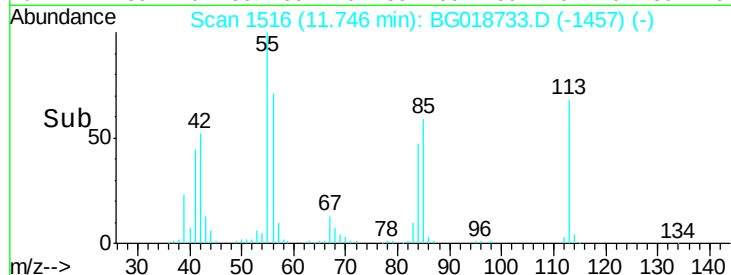
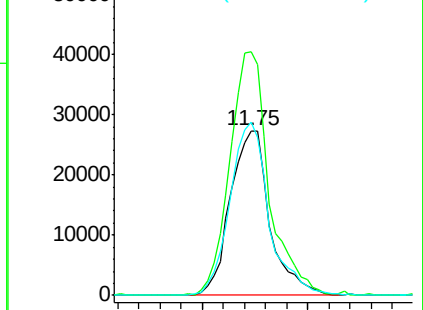
56 105.5 83.4 123.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 42.13 ng

RT: 12.09 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BG018733.D

Acq: 17 Sep 2015 11:24

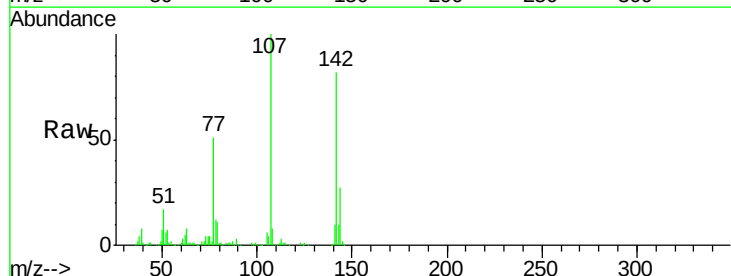
Tgt Ion:107 Resp: 197501

Ion Ratio Lower Upper

107 100

144 26.8 20.6 31.0

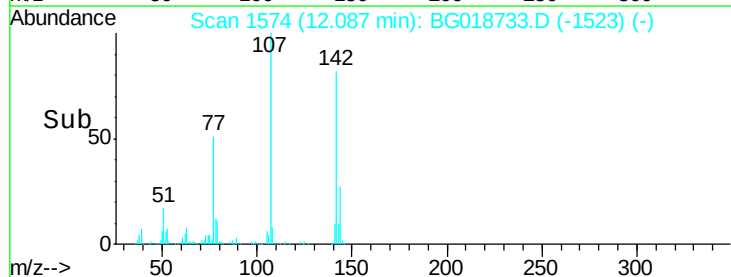
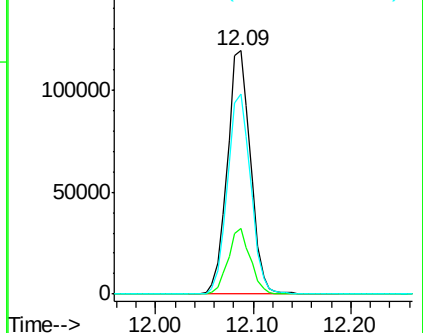
142 82.2 62.6 93.8

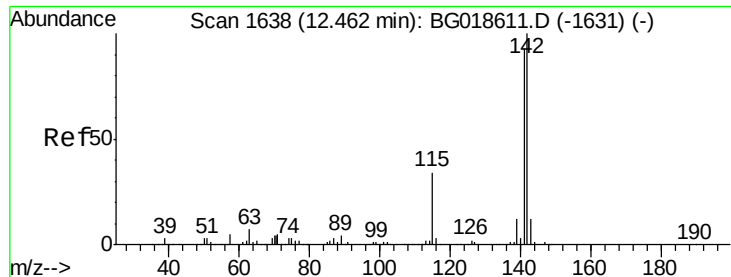


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

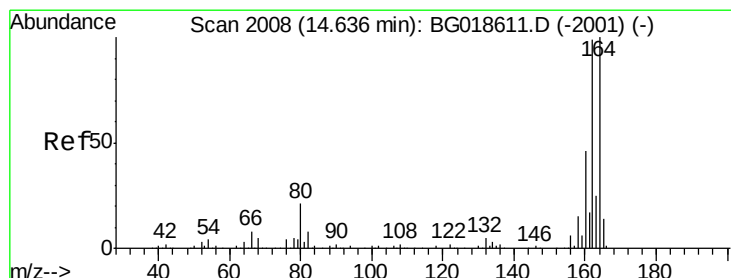
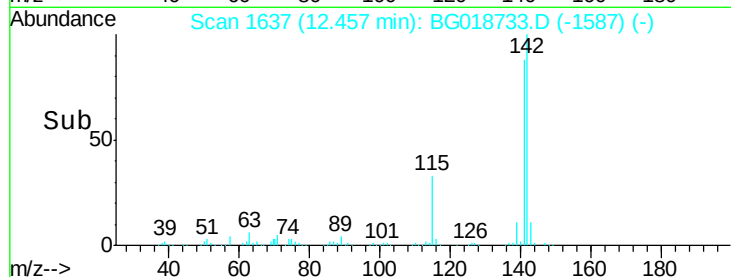
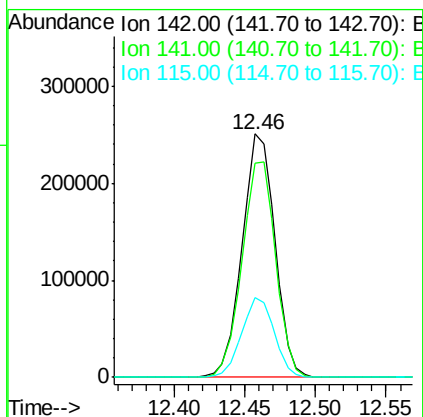
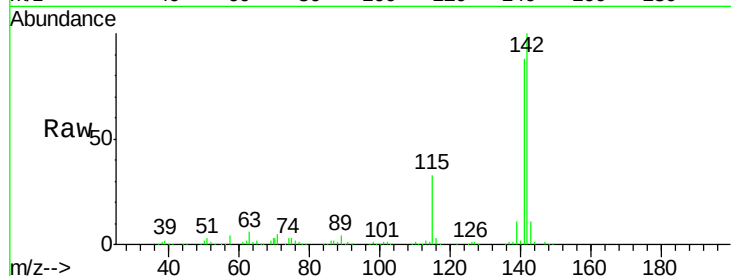




#37  
2-Methylnaphthalene  
Concen: 40.37 ng  
RT: 12.46 min Scan# 1637  
Delta R.T. -0.01 min  
Lab File: BG018733.D  
Acq: 17 Sep 2015 11:24

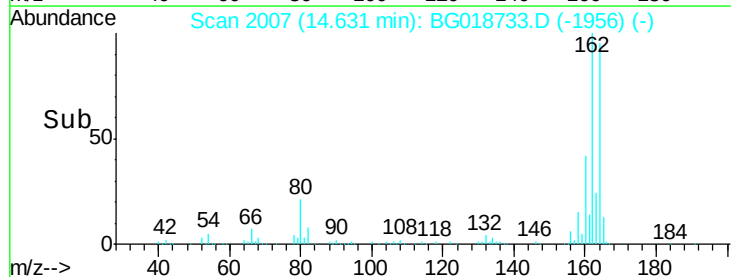
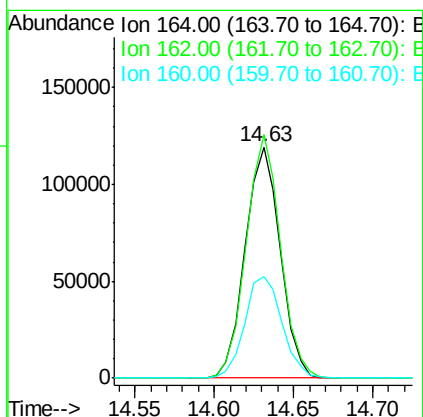
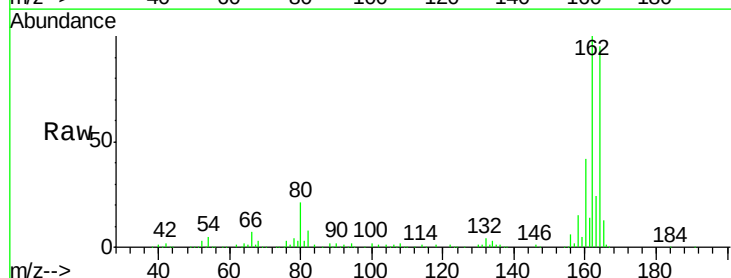
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

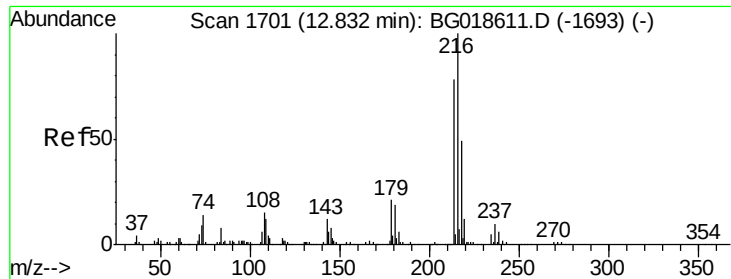
Tot Ion:142 Resp: 409288  
Ion Ratio Lower Upper  
142 100  
141 87.7 74.6 112.0  
115 32.7 27.4 41.0



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.63 min Scan# 2007  
Delta R.T. 0.00 min  
Lab File: BG018733.D  
Acq: 17 Sep 2015 11:24

Tgt Ion:164 Resp: 182774  
Ion Ratio Lower Upper  
164 100  
162 105.3 78.8 118.2  
160 43.9 36.4 54.6

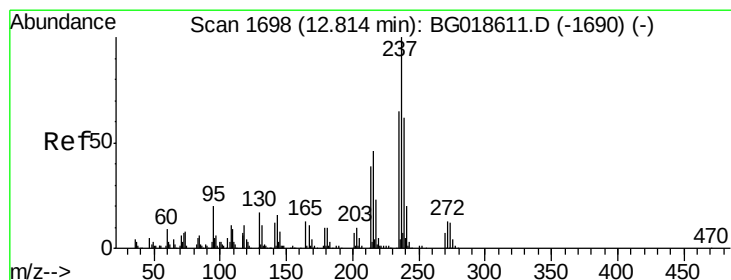
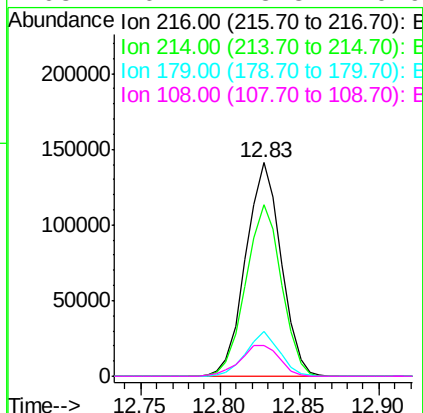
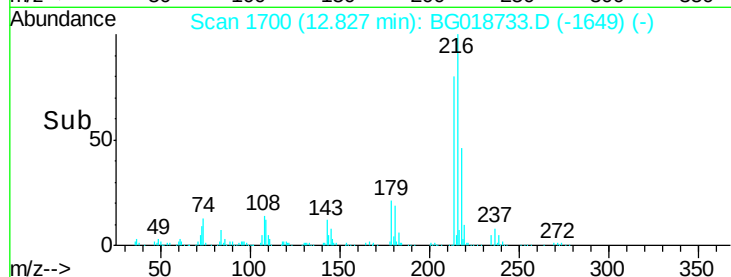
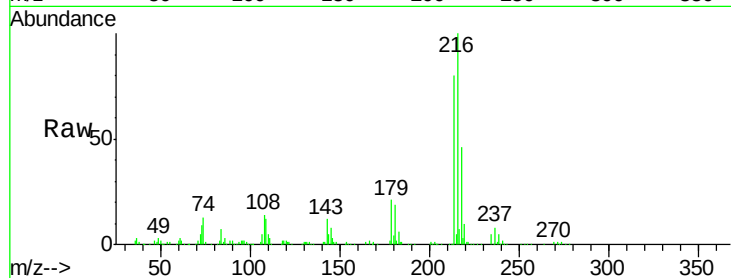




#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 37.80 ng  
 RT: 12.83 min Scan# 1700  
 Delta R.T. 0.00 min  
 Lab File: BG018733.D  
 Acq: 17 Sep 2015 11:24

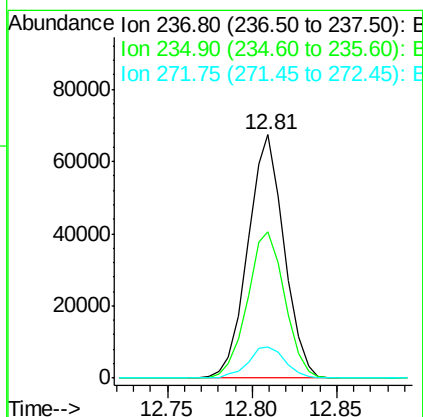
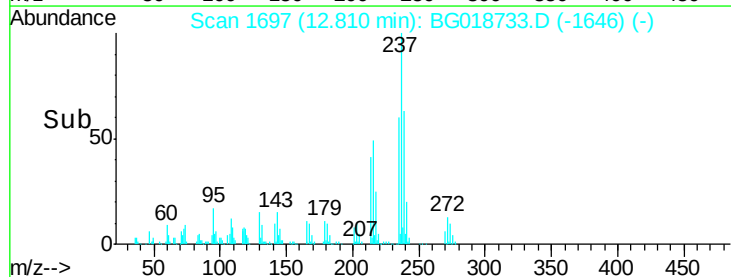
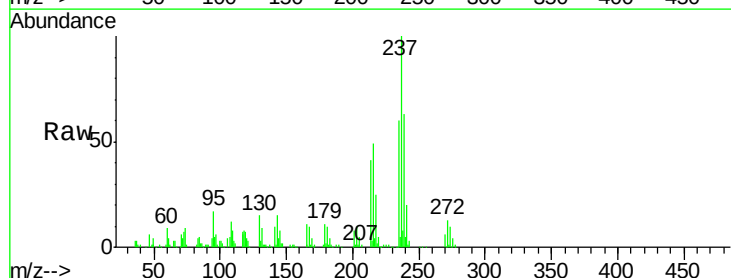
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

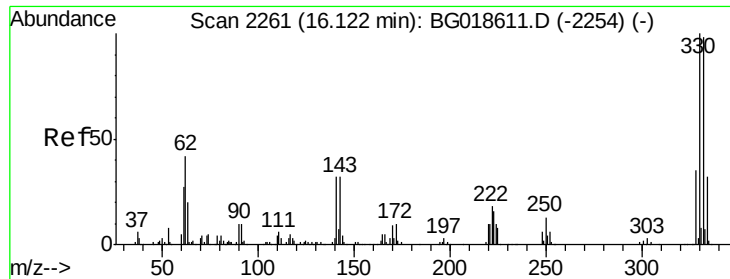
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 216   | Resp: | 219115 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 80.7  | 62.5  | 93.7   |
| 179      | 19.8  | 15.6  | 23.4   |
| 108      | 16.4  | 13.3  | 19.9   |



#40  
 Hexachlorocyclopentadiene  
 Concen: 34.30 ng  
 RT: 12.81 min Scan# 1697  
 Delta R.T. 0.00 min  
 Lab File: BG018733.D  
 Acq: 17 Sep 2015 11:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 99867 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 60.0  | 44.6  | 84.6  |
| 272      | 12.6  | 0.0   | 32.8  |

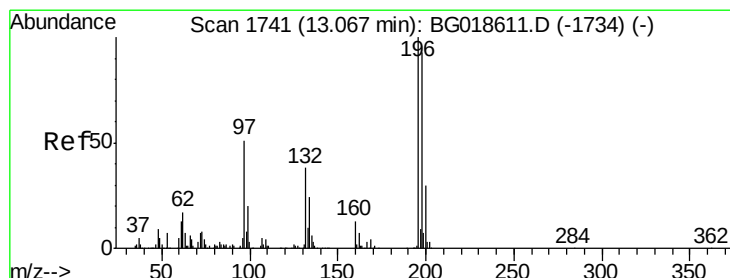
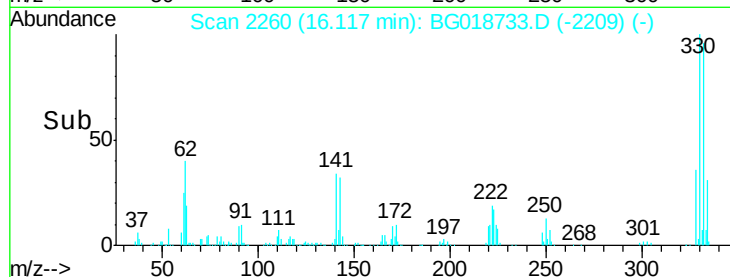
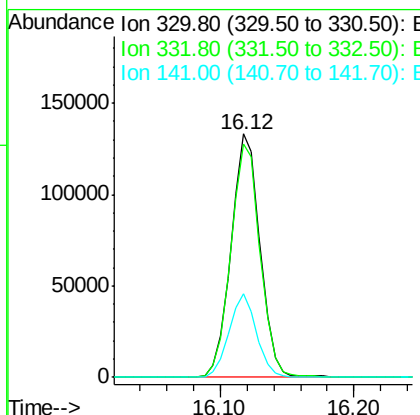
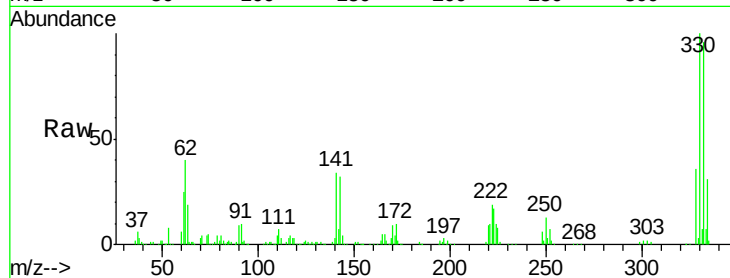




#41  
 2,4,6-Tribromophenol  
 Concen: 81.67 ng  
 RT: 16.12 min Scan# 2260  
 Delta R.T. 0.00 min  
 Lab File: BG018733.D  
 Acq: 17 Sep 2015 11:24

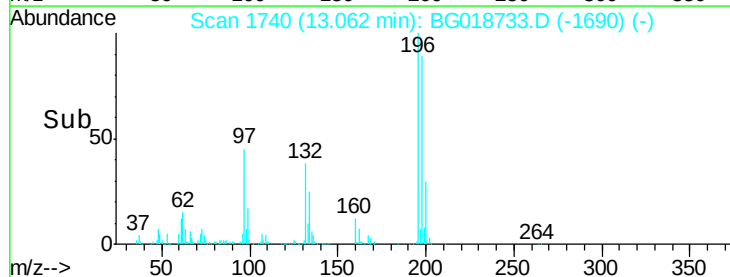
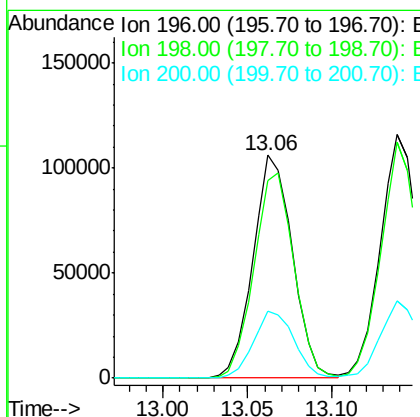
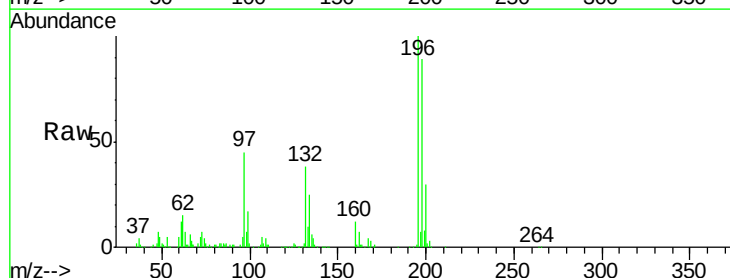
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.0  | 78.1  | 117.1 |
| 141     | 32.7  | 28.2  | 42.2  |

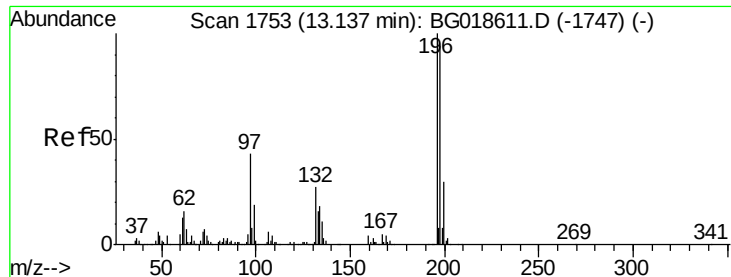


#42  
 2,4,6-Trichlorophenol  
 Concen: 42.82 ng  
 RT: 13.06 min Scan# 1740  
 Delta R.T. -0.00 min  
 Lab File: BG018733.D  
 Acq: 17 Sep 2015 11:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 88.5  | 74.7  | 112.1 |
| 200     | 30.3  | 24.1  | 36.1  |



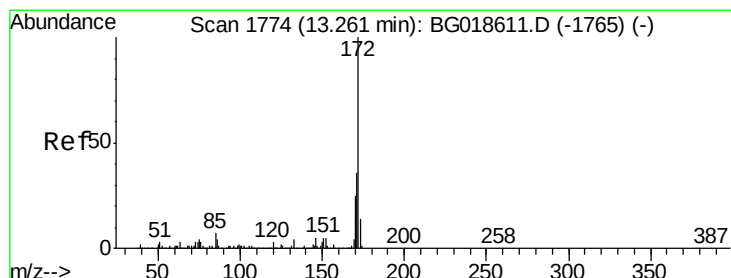
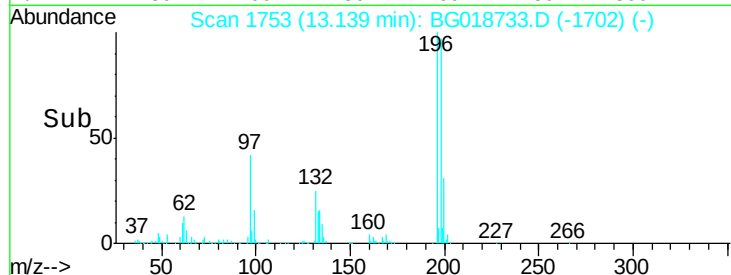
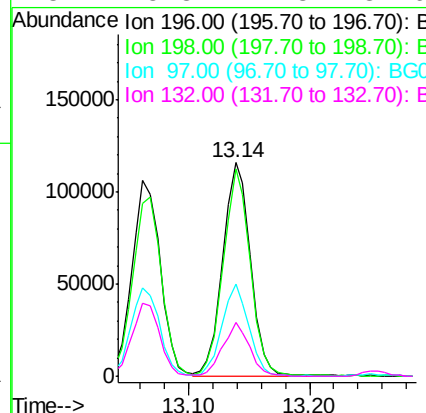
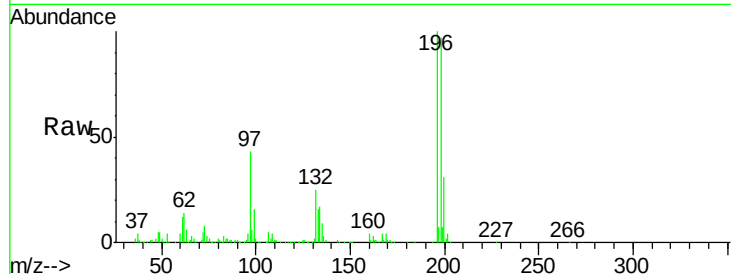




#43  
2,4,5-Trichlorophenol  
Concen: 41.52 ng  
RT: 13.14 min Scan# 1753  
Delta R.T. 0.00 min  
Lab File: BG018733.D  
Acq: 17 Sep 2015 11:24

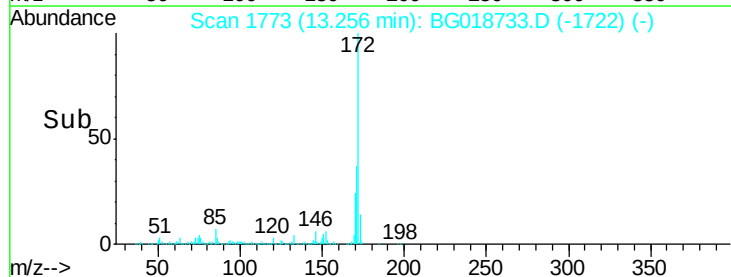
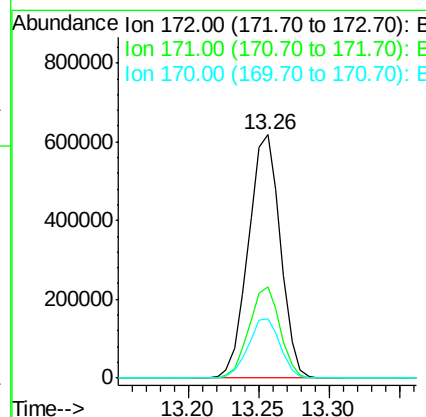
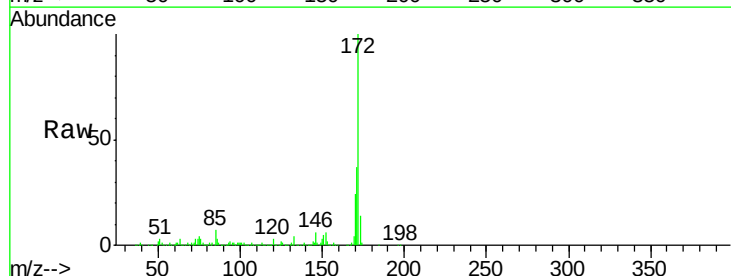
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

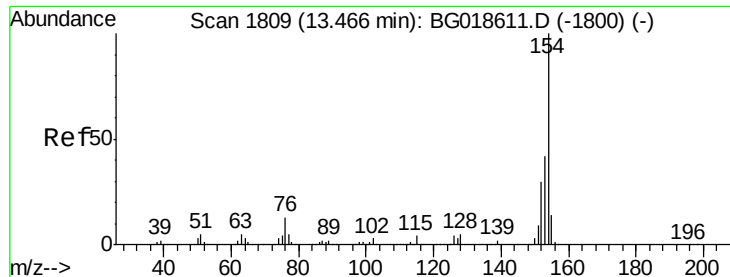
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.9  | 75.2  | 112.8 |
| 97      | 43.2  | 34.2  | 51.2  |
| 132     | 25.3  | 21.8  | 32.6  |



#44  
2-Fluorobiphenyl  
Concen: 74.50 ng  
RT: 13.26 min Scan# 1773  
Delta R.T. 0.00 min  
Lab File: BG018733.D  
Acq: 17 Sep 2015 11:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.3  | 29.0  | 43.6  |
| 170     | 24.5  | 19.9  | 29.9  |

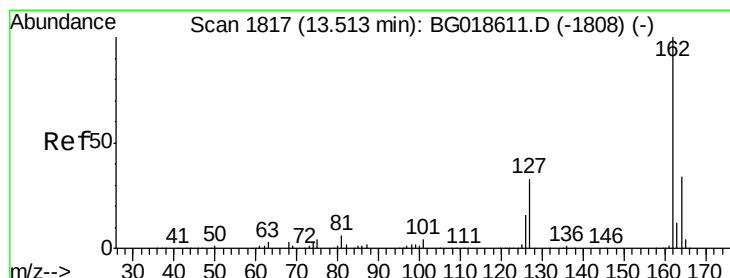
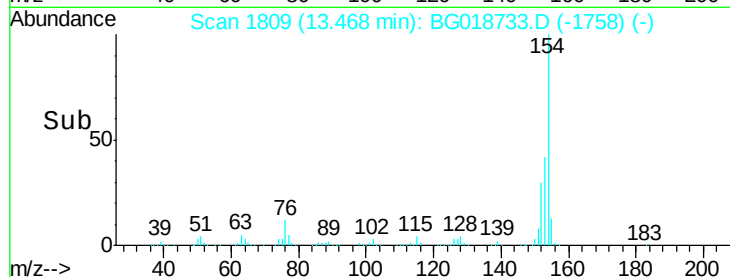
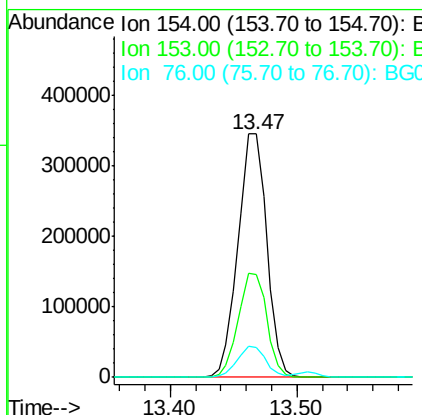
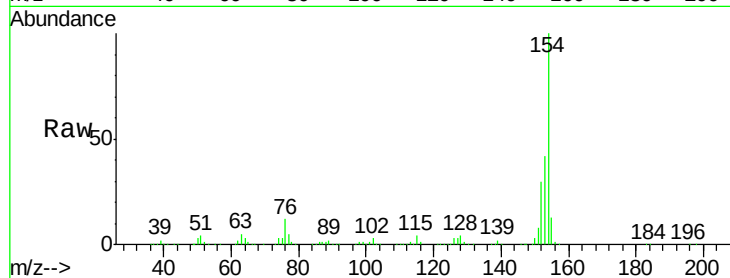




#45  
 1,1'-Biphenyl  
 Concen: 37.39 ng  
 RT: 13.47 min Scan# 1809  
 Delta R.T. 0.00 min  
 Lab File: BG018733.D  
 Acq: 17 Sep 2015 11:24

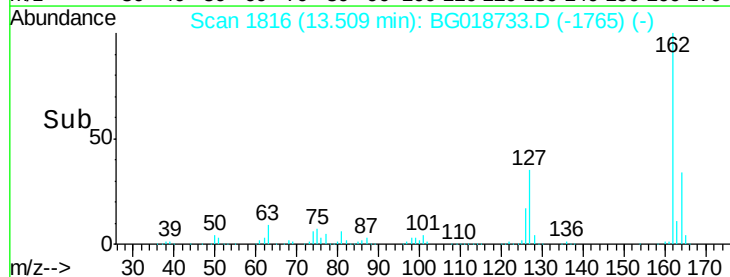
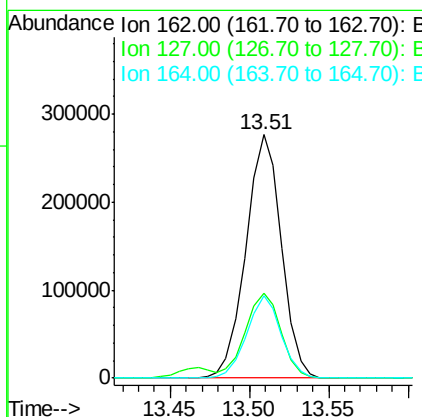
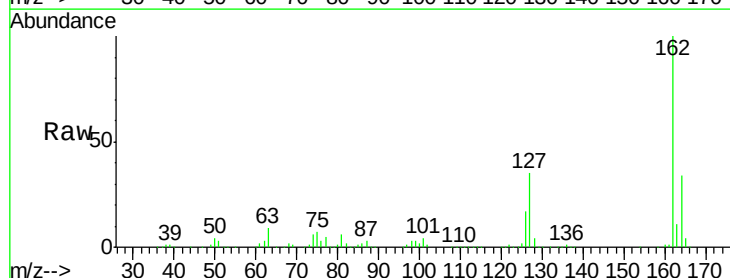
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

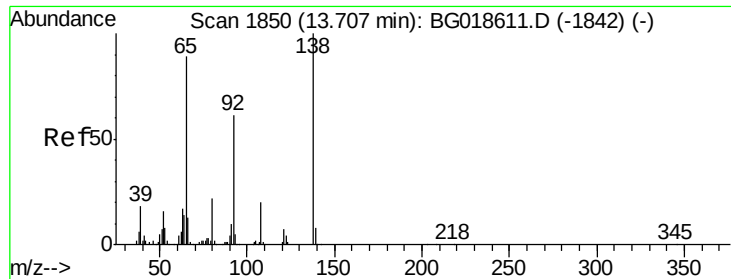
Tot Ion:154 Resp: 543421  
 Ion Ratio Lower Upper  
 154 100  
 153 42.2 21.9 61.9  
 76 12.2 0.0 33.2



#46  
 2-Chloronaphthalene  
 Concen: 38.28 ng  
 RT: 13.51 min Scan# 1816  
 Delta R.T. 0.00 min  
 Lab File: BG018733.D  
 Acq: 17 Sep 2015 11:24

Tgt Ion:162 Resp: 428670  
 Ion Ratio Lower Upper  
 162 100  
 127 35.0 28.3 42.5  
 164 34.0 27.4 41.0

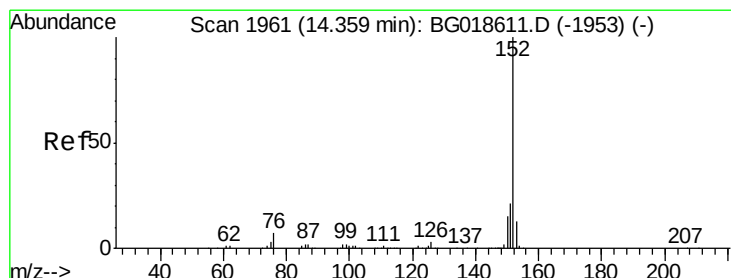
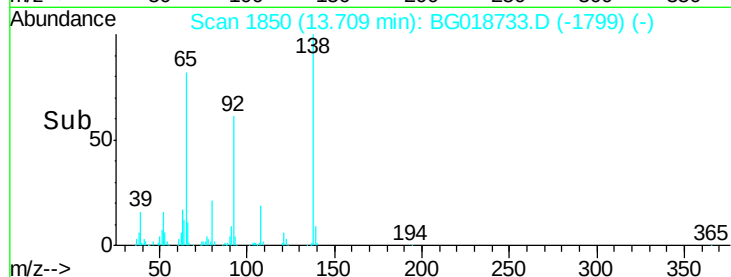
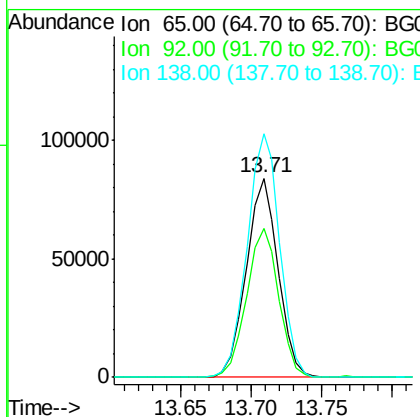
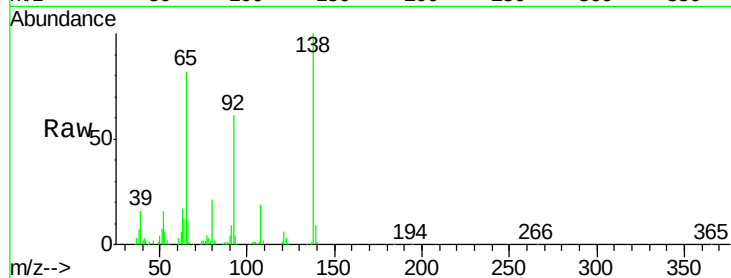




#47  
2-Nitroaniline  
Concen: 39.39 ng  
RT: 13.71 min Scan# 1850  
Delta R.T. 0.00 min  
Lab File: BG018733.D  
Acq: 17 Sep 2015 11:24

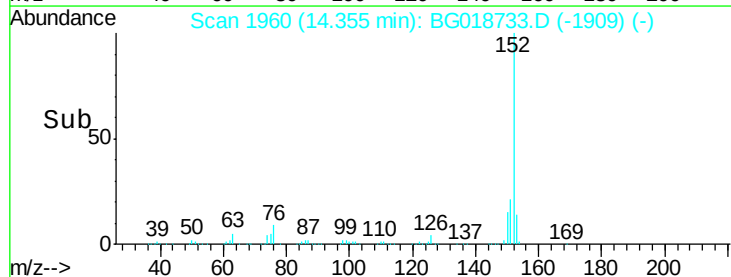
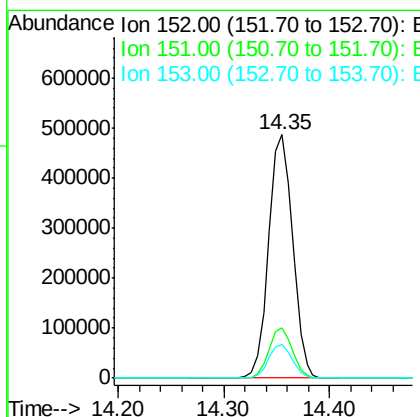
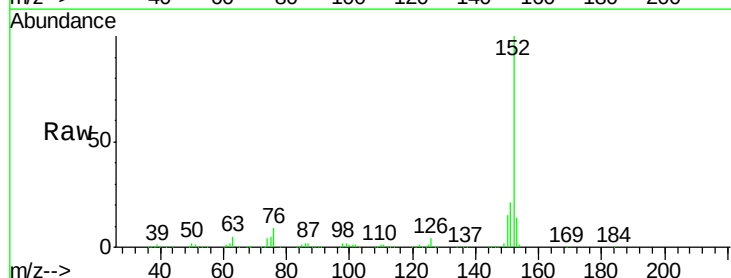
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

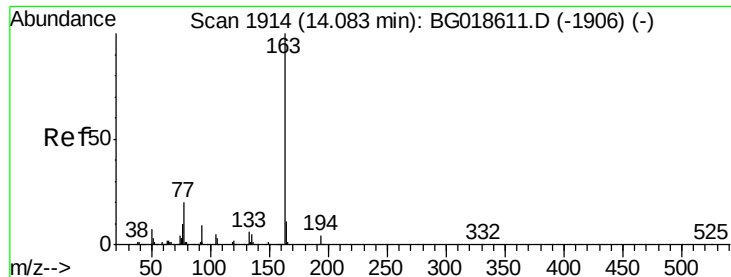
Tot Ion: 65 Resp: 132719  
Ion Ratio Lower Upper  
65 100  
92 75.1 54.8 82.2  
138 122.3 89.6 134.4



#48  
Acenaphthylene  
Concen: 38.60 ng  
RT: 14.35 min Scan# 1960  
Delta R.T. 0.00 min  
Lab File: BG018733.D  
Acq: 17 Sep 2015 11:24

Tgt Ion: 152 Resp: 764109  
Ion Ratio Lower Upper  
152 100  
151 20.6 17.0 25.4  
153 14.0 10.4 15.6

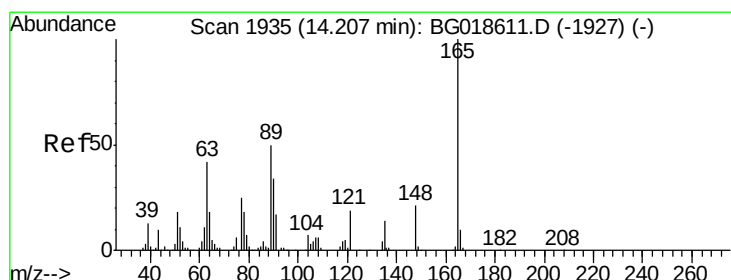
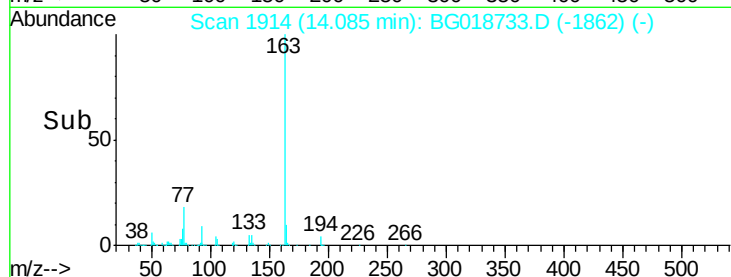
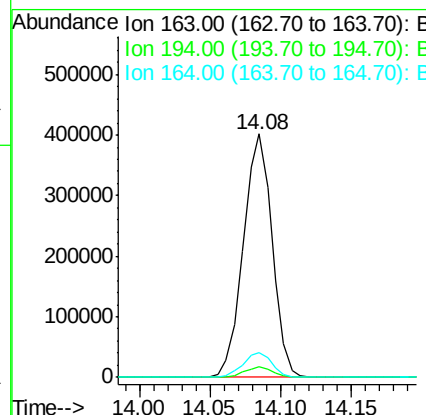
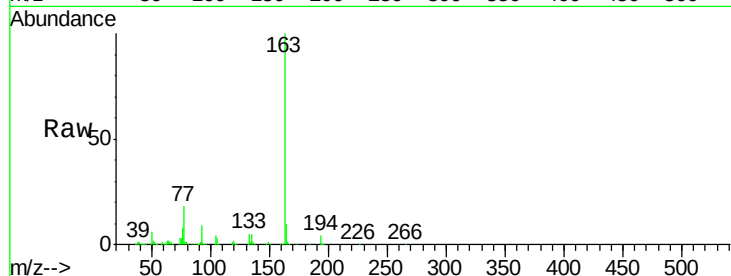




#49  
Dimethylphthalate  
Concen: 37.86 ng  
RT: 14.08 min Scan# 1914  
Delta R.T. 0.01 min  
Lab File: BG018733.D  
Acq: 17 Sep 2015 11:24

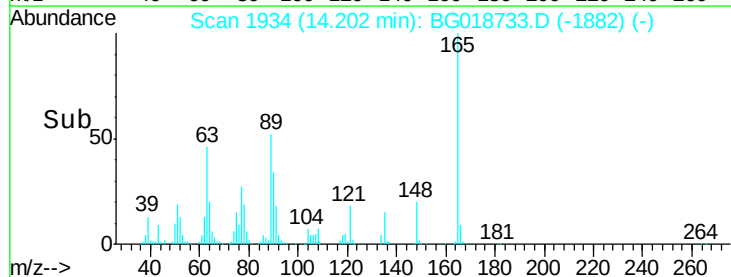
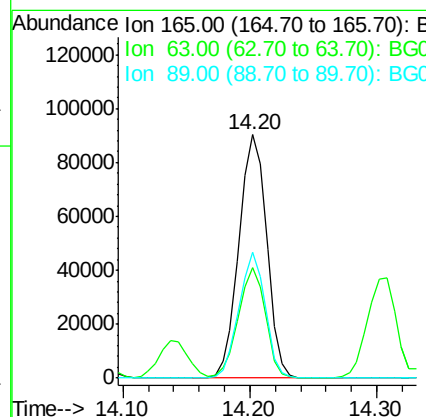
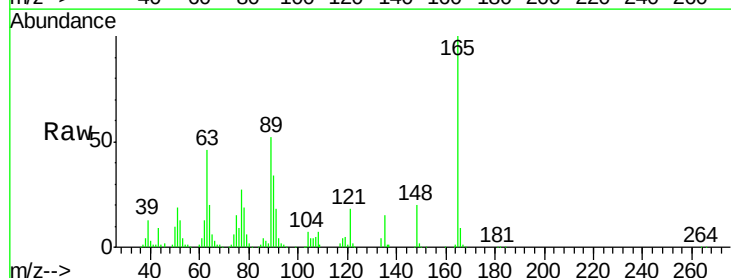
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

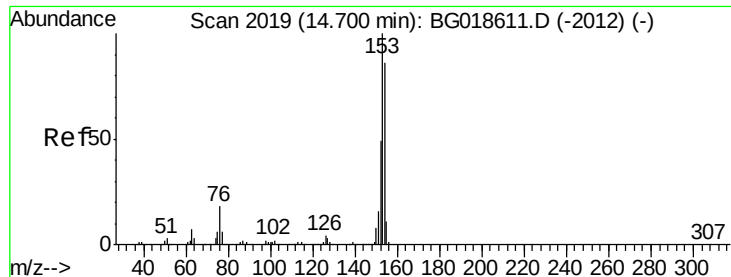
Tot Ion:163 Resp: 573033  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.1 4.7  
164 10.3 8.8 13.2



#50  
2,6-Dinitrotoluene  
Concen: 41.55 ng  
RT: 14.20 min Scan# 1934  
Delta R.T. 0.01 min  
Lab File: BG018733.D  
Acq: 17 Sep 2015 11:24

Tgt Ion:165 Resp: 136644  
Ion Ratio Lower Upper  
165 100  
63 45.6 35.7 53.5  
89 51.6 39.7 59.5





#51

Acenaphthene

Concen: 37.61 ng

RT: 14.70 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BG018733.D

Acq: 17 Sep 2015 11:24

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

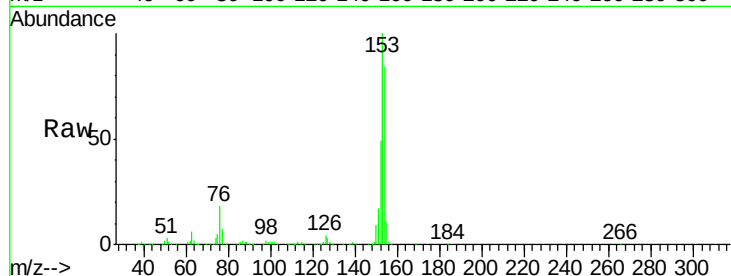
Tot Ion:154 Resp: 433080

Ion Ratio Lower Upper

154 100

153 118.6 92.9 139.3

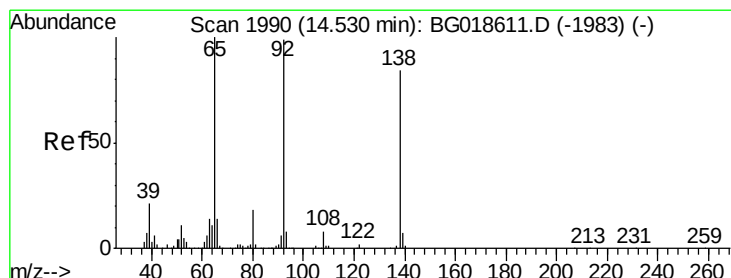
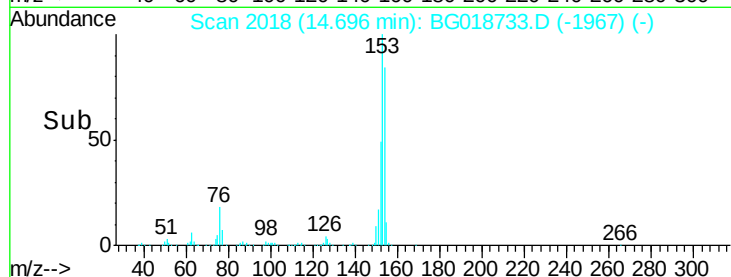
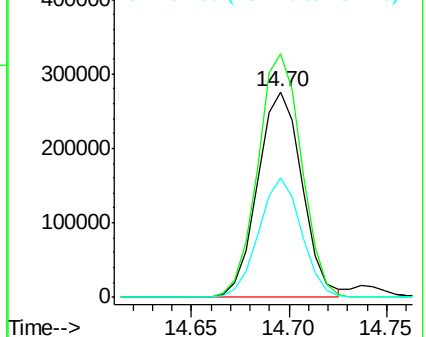
152 57.9 45.8 68.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.11 ng

RT: 14.54 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BG018733.D

Acq: 17 Sep 2015 11:24

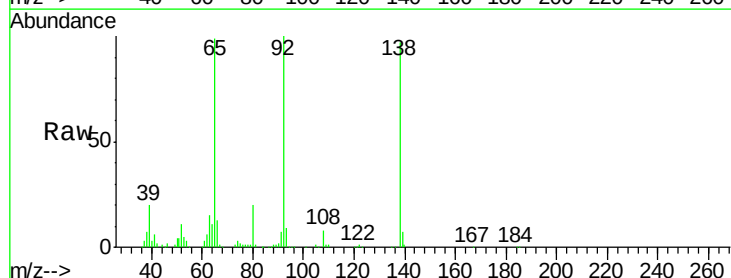
Tgt Ion:138 Resp: 157591

Ion Ratio Lower Upper

138 100

108 8.7 7.9 11.9

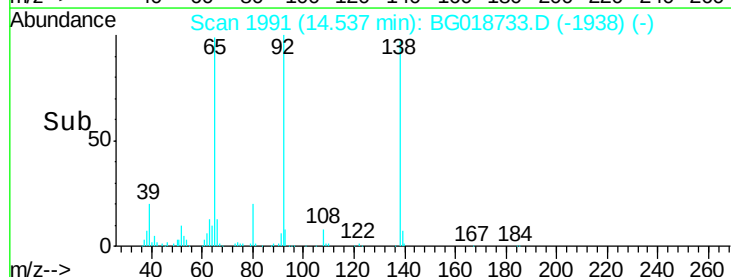
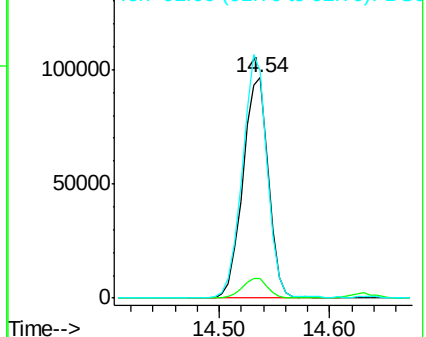
92 102.9 94.2 141.4

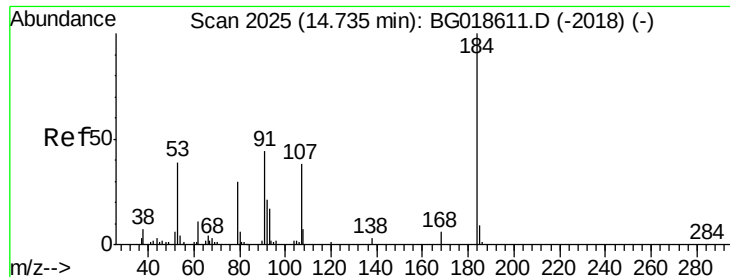


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

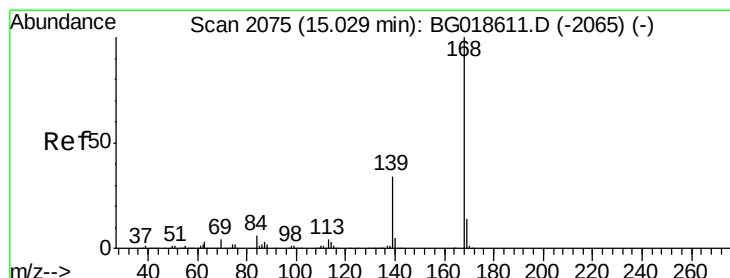
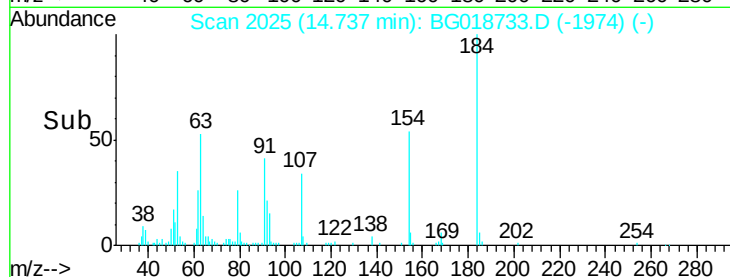
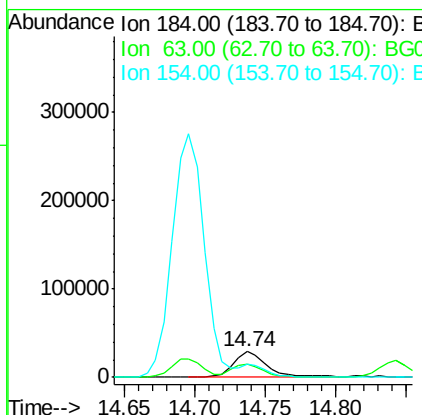
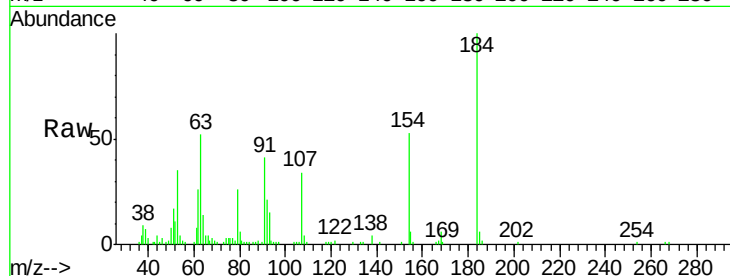




#53  
2,4-Dinitrophenol  
Concen: 33.26 ng  
RT: 14.74 min Scan# 2025  
Delta R.T. 0.00 min  
Lab File: BG018733.D  
Acq: 17 Sep 2015 11:24

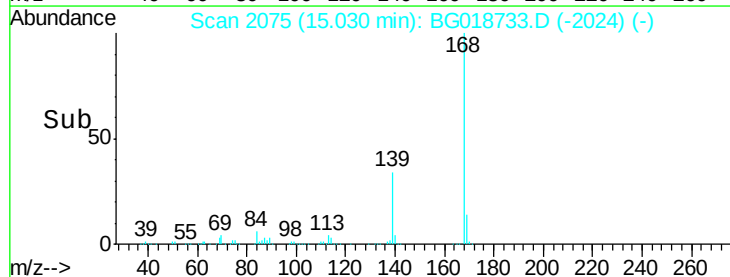
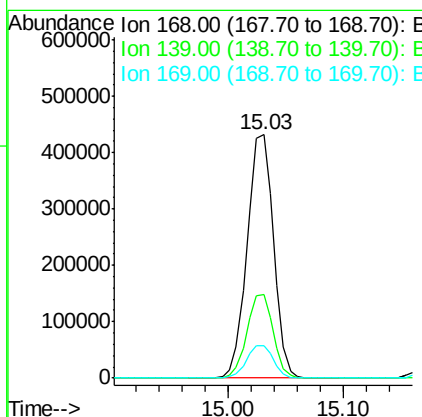
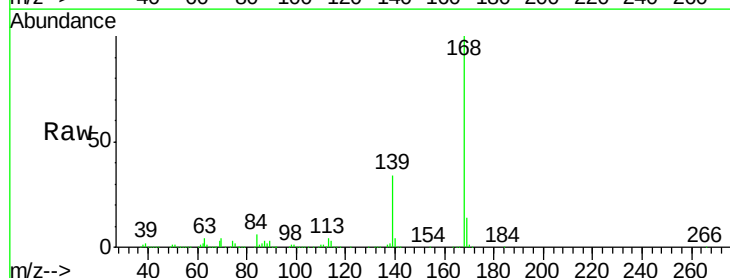
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

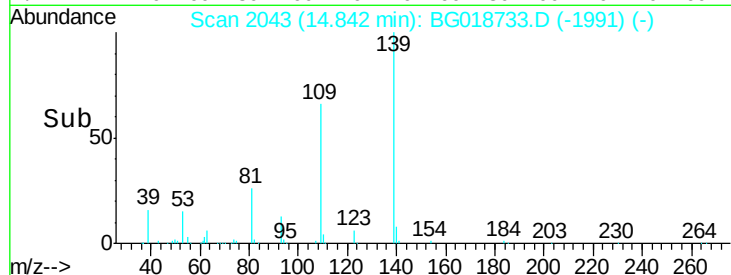
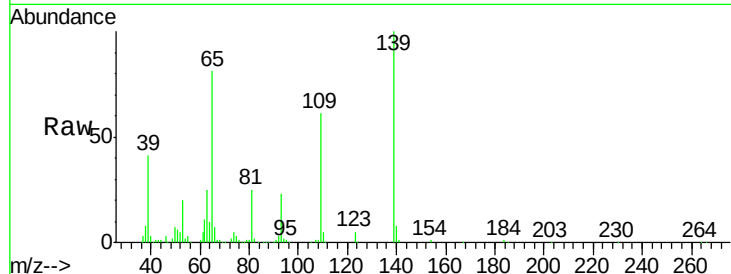
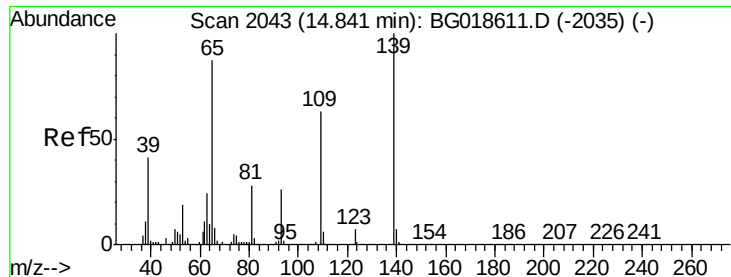
Tot Ion:184 Resp: 47129  
Ion Ratio Lower Upper  
184 100  
63 52.1 42.7 64.1  
154 53.3 44.3 66.5



#54  
Dibenzofuran  
Concen: 38.31 ng  
RT: 15.03 min Scan# 2075  
Delta R.T. 0.00 min  
Lab File: BG018733.D  
Acq: 17 Sep 2015 11:24

Tgt Ion:168 Resp: 685625  
Ion Ratio Lower Upper  
168 100  
139 34.3 27.4 41.0  
169 13.6 11.0 16.4

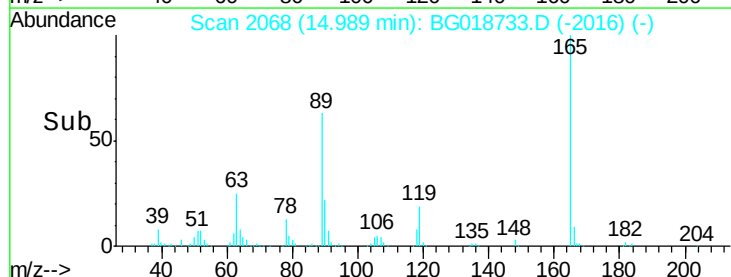
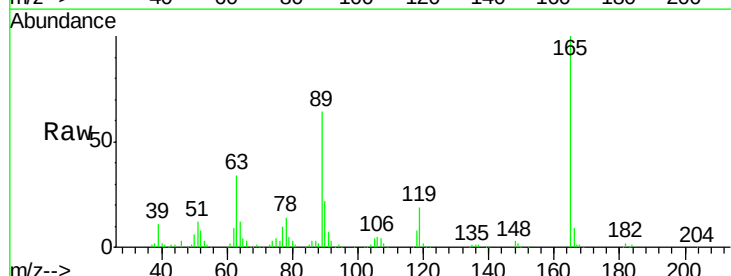
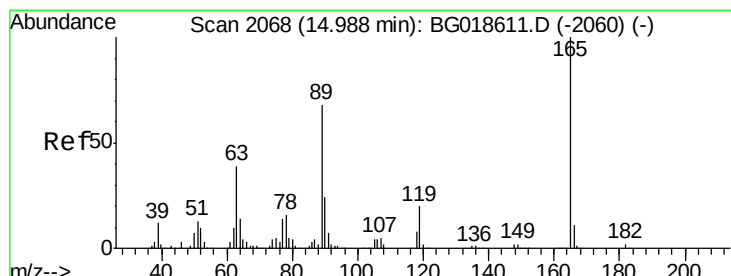
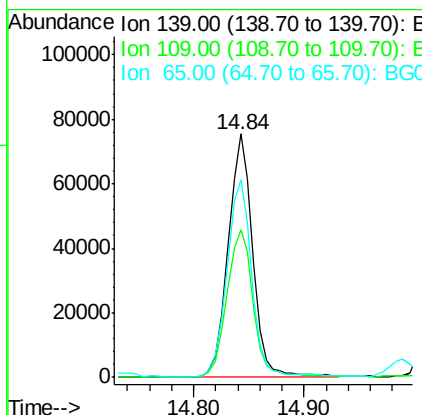




#55  
4-Nitrophenol  
Concen: 38.99 ng  
RT: 14.84 min Scan# 2043  
Delta R.T. 0.01 min  
Lab File: BG018733.D  
Acq: 17 Sep 2015 11:24

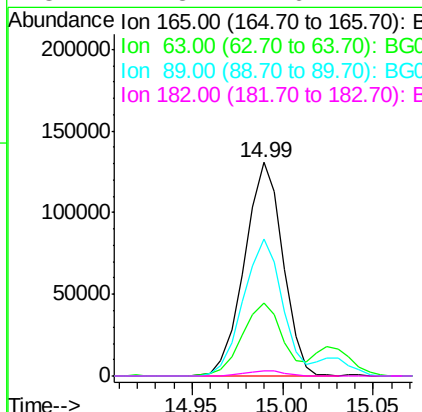
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

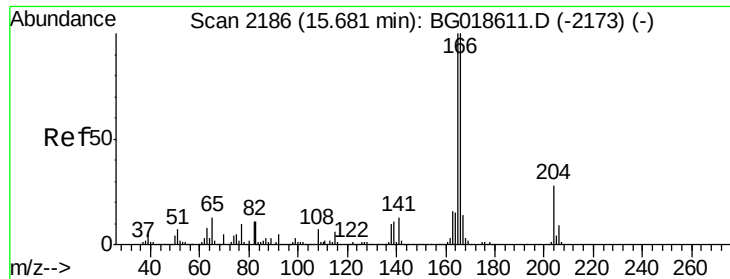
Tot Ion:139 Resp: 118275  
Ion Ratio Lower Upper  
139 100  
109 60.6 43.2 83.2  
65 81.0 67.8 107.8



#56  
2,4-Dinitrotoluene  
Concen: 41.22 ng  
RT: 14.99 min Scan# 2068  
Delta R.T. 0.01 min  
Lab File: BG018733.D  
Acq: 17 Sep 2015 11:24

Tgt Ion:165 Resp: 192232  
Ion Ratio Lower Upper  
165 100  
63 34.4 31.0 46.4  
89 64.0 54.4 81.6  
182 2.3 1.6 2.4





#57

Fluorene

Concen: 37.87 ng

RT: 15.68 min Scan# 2185

Delta R.T. 0.00 min

Lab File: BG018733.D

Acq: 17 Sep 2015 11:24

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

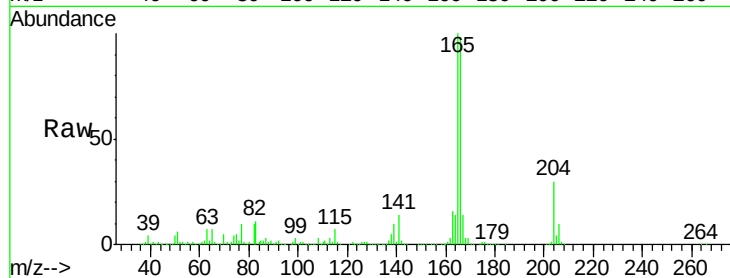
Tot Ion:166 Resp: 583586

Ion Ratio Lower Upper

166 100

165 101.7 80.0 120.0

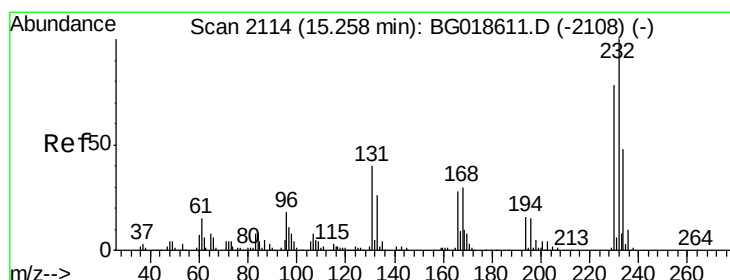
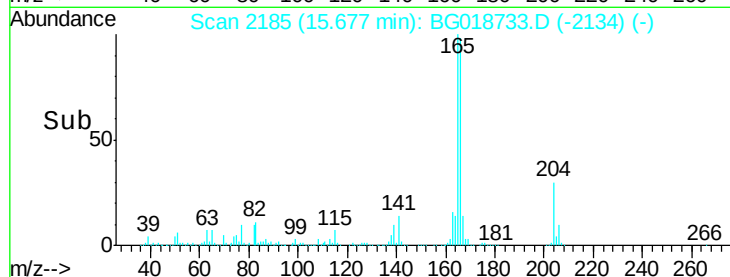
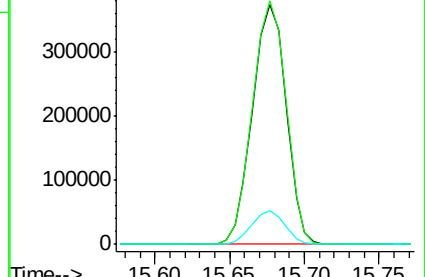
167 14.2 11.1 16.7



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.75 ng

RT: 15.25 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BG018733.D

Acq: 17 Sep 2015 11:24

Tgt Ion:232 Resp: 160027

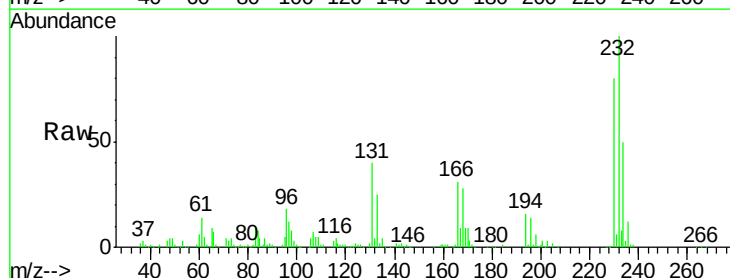
Ion Ratio Lower Upper

232 100

131 39.8 33.0 49.6

130 2.1 2.0 3.0

166 30.1 24.1 36.1

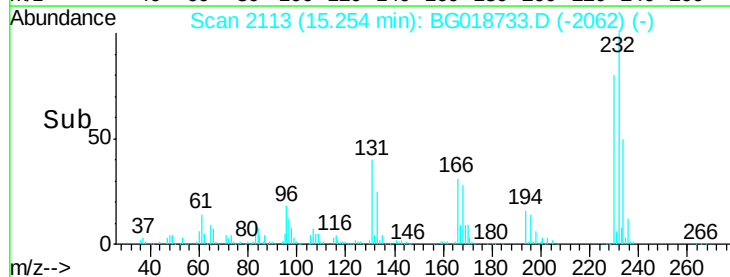
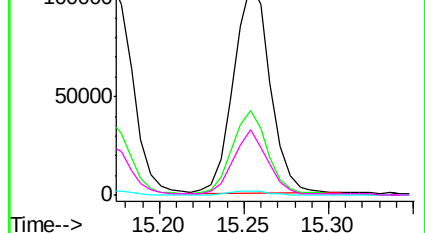


Abundance Ion 232.00 (231.70 to 232.70): E

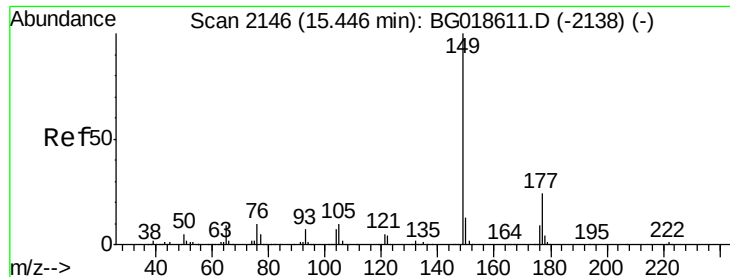
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E







#59

Diethylphthalate

Concen: 37.30 ng

RT: 15.44 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BG018733.D

Acq: 17 Sep 2015 11:24

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

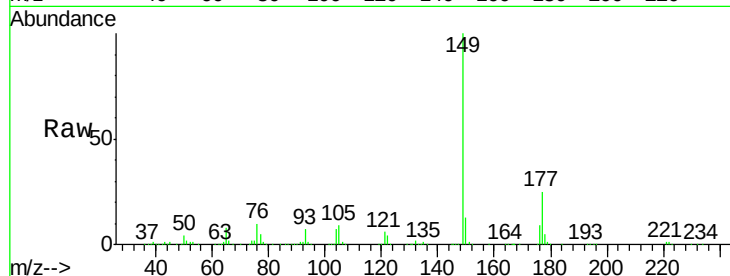
Tot Ion:149 Resp: 588759

Ion Ratio Lower Upper

149 100

177 24.7 19.6 29.4

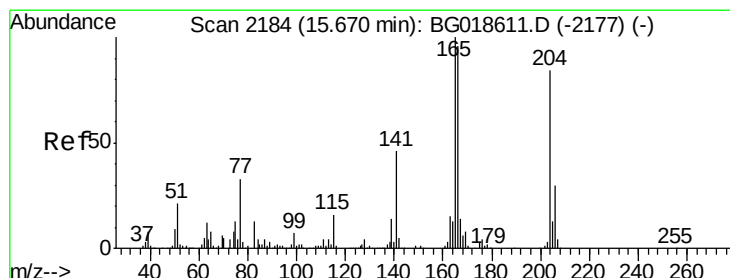
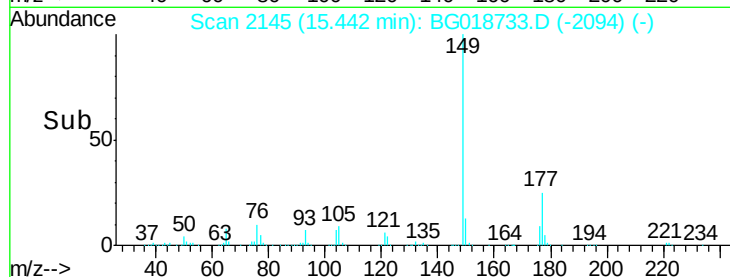
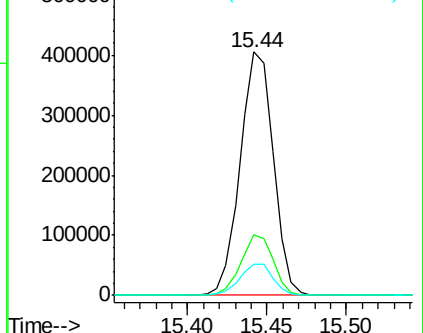
150 12.7 10.2 15.2



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



#60

4-Chlorophenyl-phenylether

Concen: 39.79 ng

RT: 15.67 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG018733.D

Acq: 17 Sep 2015 11:24

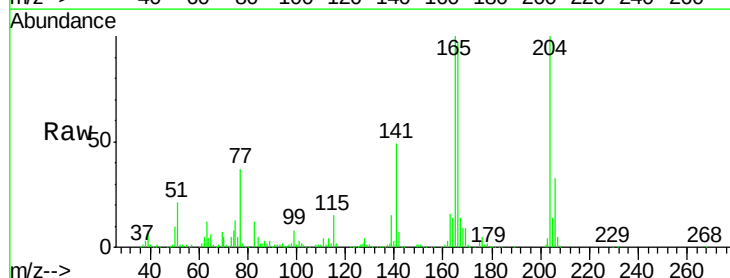
Tgt Ion:204 Resp: 294580

Ion Ratio Lower Upper

204 100

206 32.6 28.3 42.5

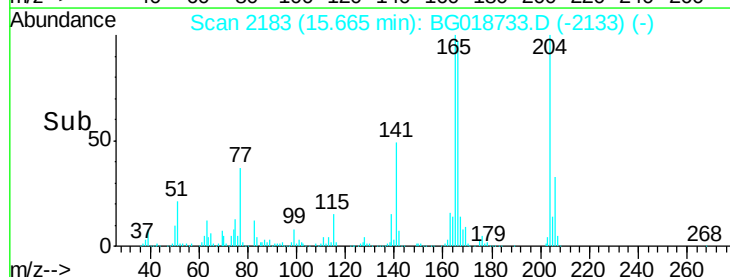
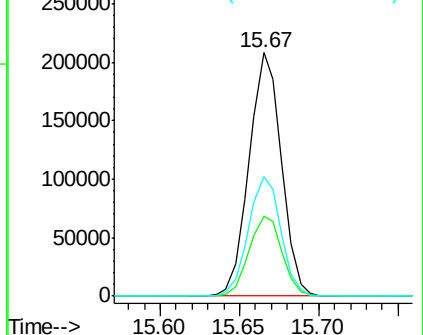
141 49.2 44.0 66.0

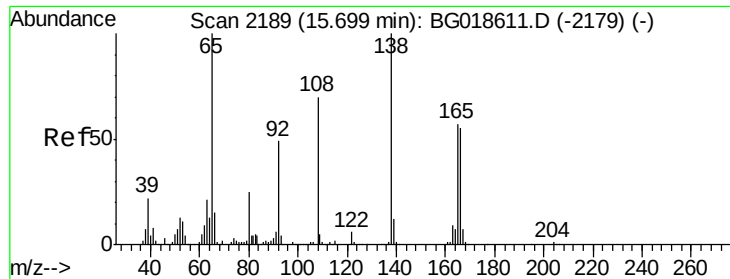


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

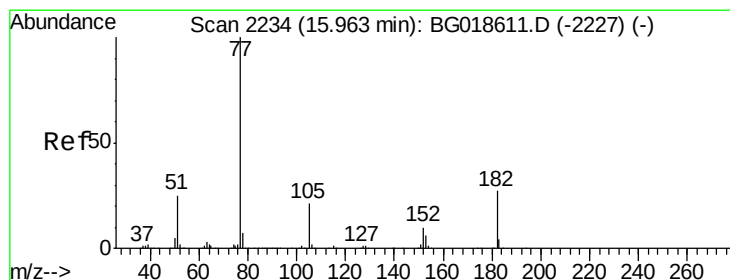
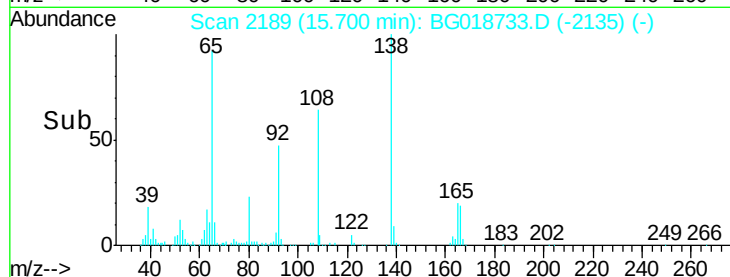
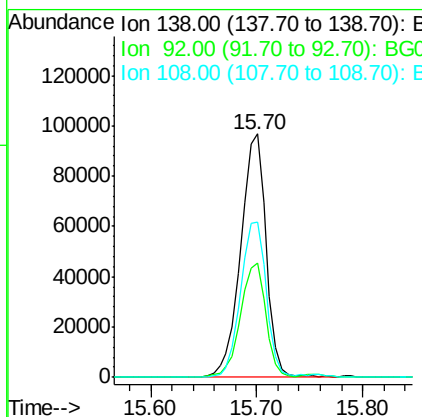
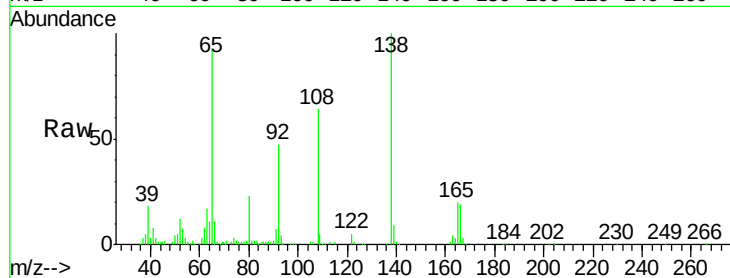




#61  
4-Nitroaniline  
Concen: 38.19 ng  
RT: 15.70 min Scan# 2189  
Delta R.T. 0.02 min  
Lab File: BG018733.D  
Acq: 17 Sep 2015 11:24

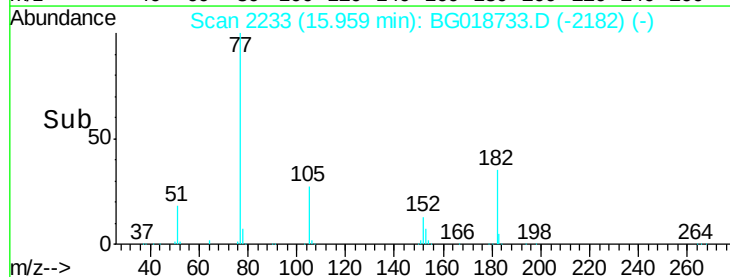
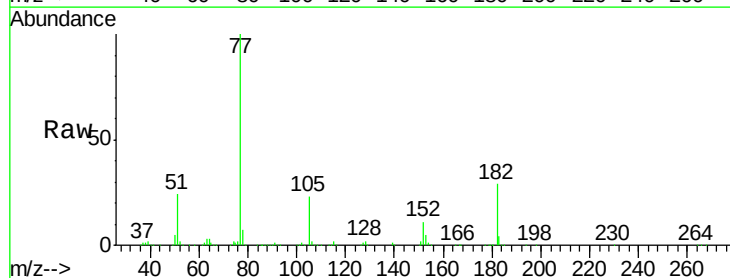
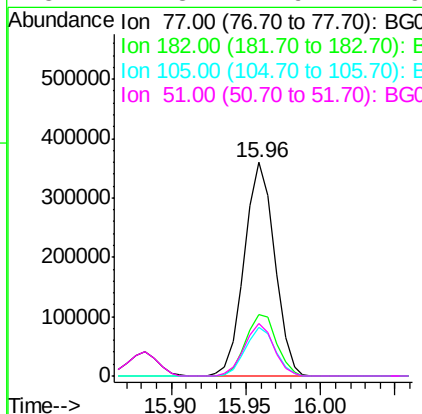
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

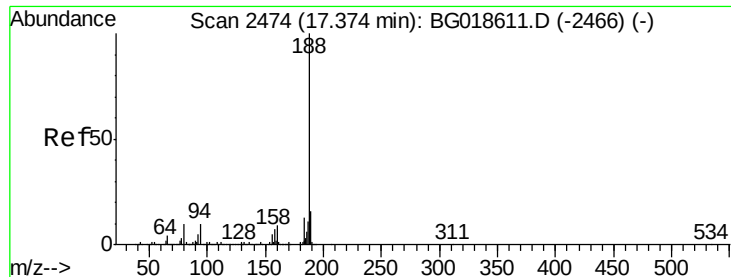
Tot Ion:138 Resp: 161787  
Ion Ratio Lower Upper  
138 100  
92 46.9 29.1 69.1  
108 64.0 49.8 89.8



#62  
Azobenzene  
Concen: 36.13 ng  
RT: 15.96 min Scan# 2233  
Delta R.T. 0.00 min  
Lab File: BG018733.D  
Acq: 17 Sep 2015 11:24

Tgt Ion: 77 Resp: 504028  
Ion Ratio Lower Upper  
77 100  
182 28.9 7.0 47.0  
105 22.8 1.4 41.4  
51 24.3 4.9 44.9

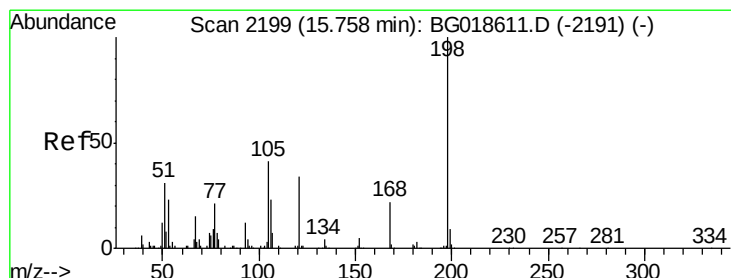
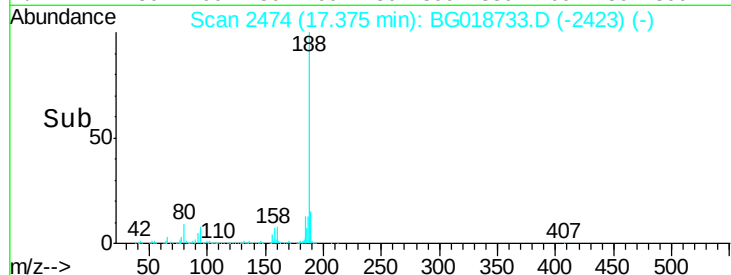
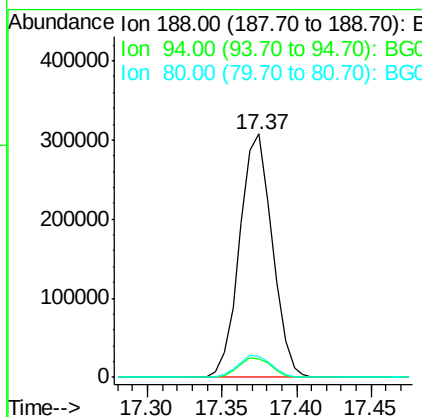
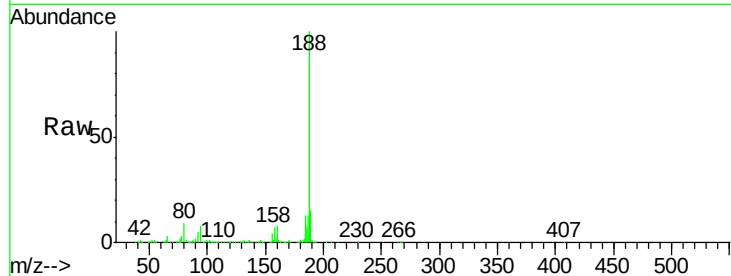




#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 17.37 min Scan# 2474  
 Delta R.T. 0.00 min  
 Lab File: BG018733.D  
 Acq: 17 Sep 2015 11:24

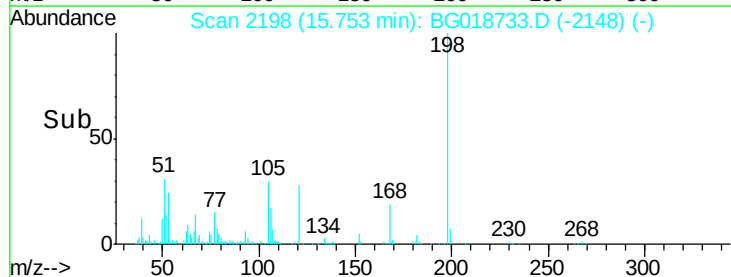
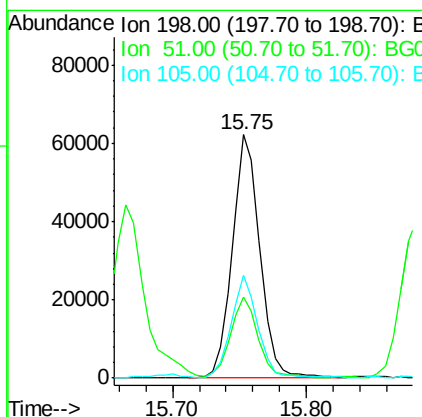
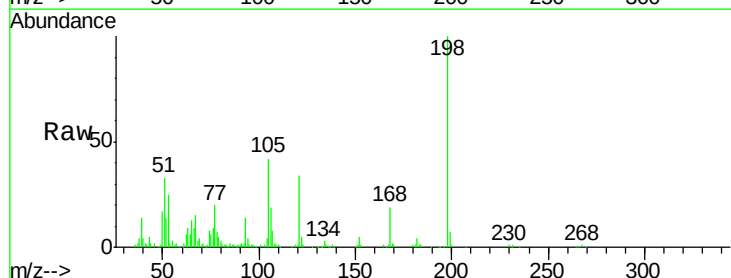
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

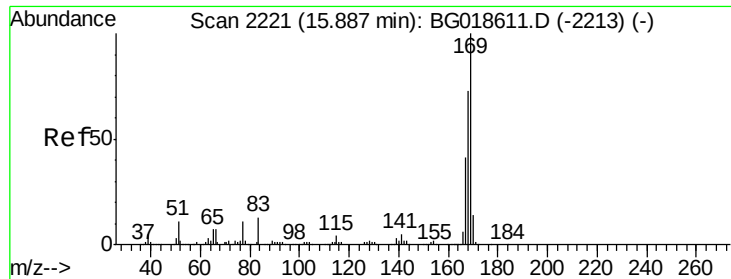
Tot Ion:188 Resp: 465319  
 Ion Ratio Lower Upper  
 188 100  
 94 7.7 7.7 11.5  
 80 8.8 7.8 11.8



#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 37.07 ng  
 RT: 15.75 min Scan# 2198  
 Delta R.T. -0.00 min  
 Lab File: BG018733.D  
 Acq: 17 Sep 2015 11:24

Tgt Ion:198 Resp: 89475  
 Ion Ratio Lower Upper  
 198 100  
 51 33.1 14.2 54.2  
 105 42.4 21.1 61.1

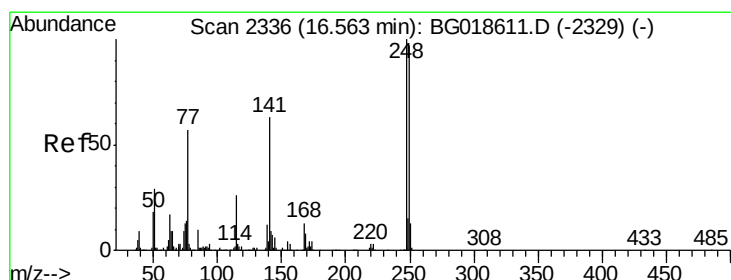
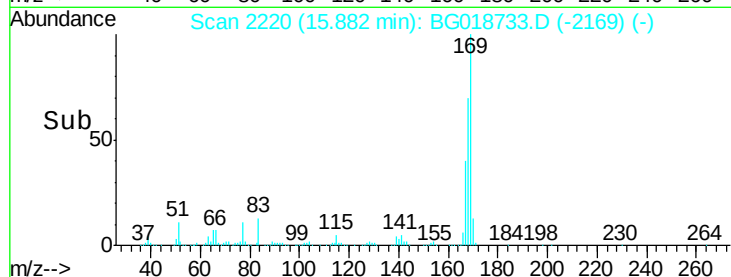
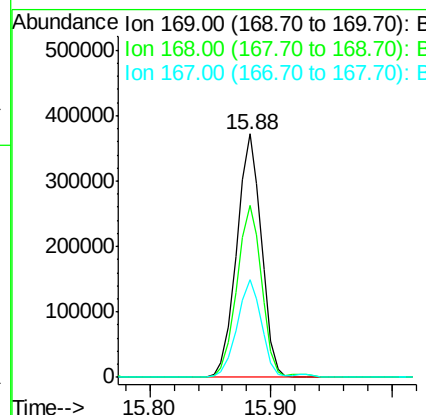
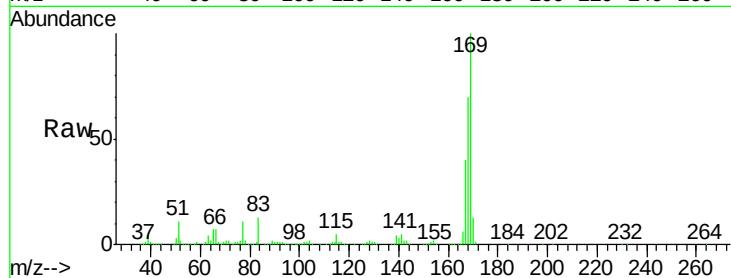




#65  
 n-Nitrosodiphenylamine  
 Concen: 39.20 ng  
 RT: 15.88 min Scan# 2220  
 Delta R.T. 0.00 min  
 Lab File: BG018733.D  
 Acq: 17 Sep 2015 11:24

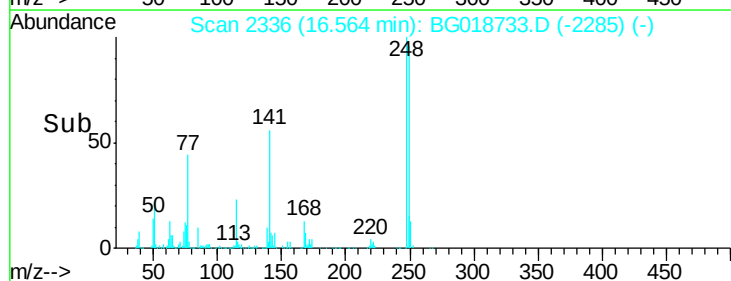
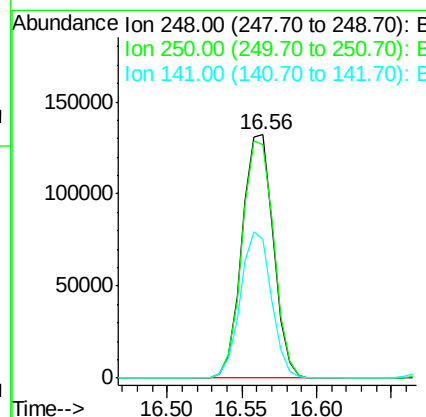
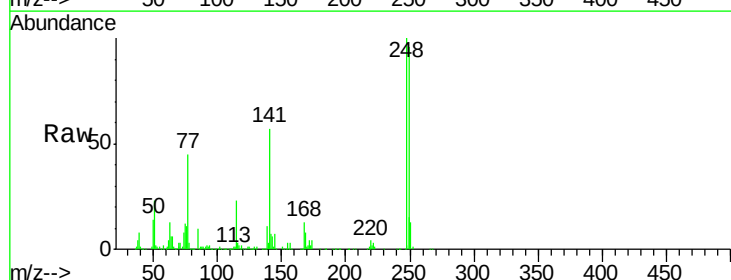
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

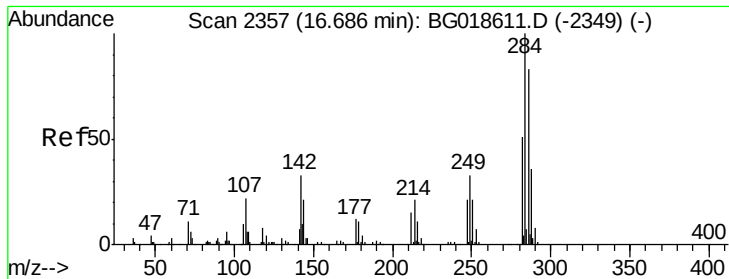
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:169 | Resp: | 528352    |
| Ion Ratio   | Lower | Upper     |
| 169         | 100   |           |
| 168         | 70.5  | 58.2 87.2 |
| 167         | 40.2  | 32.7 49.1 |



#66  
 4-Bromophenyl-phenylether  
 Concen: 40.63 ng  
 RT: 16.56 min Scan# 2336  
 Delta R.T. 0.00 min  
 Lab File: BG018733.D  
 Acq: 17 Sep 2015 11:24

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:248 | Resp: | 192289     |
| Ion Ratio   | Lower | Upper      |
| 248         | 100   |            |
| 250         | 95.9  | 77.8 116.8 |
| 141         | 57.1  | 50.4 75.6  |





#67

Hexachlorobenzene

Concen: 42.28 ng

RT: 16.68 min Scan# 2356

Delta R.T. 0.00 min

Lab File: BG018733.D

Acq: 17 Sep 2015 11:24

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

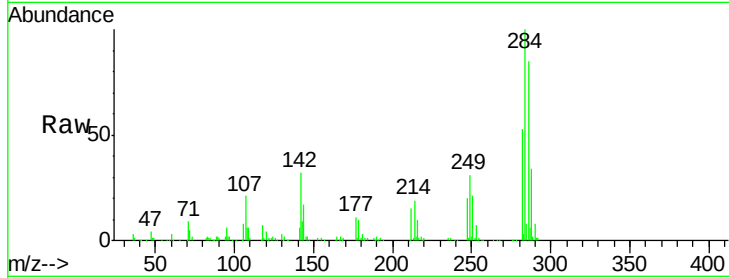
Tot Ion:284 Resp: 217419

Ion Ratio Lower Upper

284 100

142 32.2 26.6 39.8

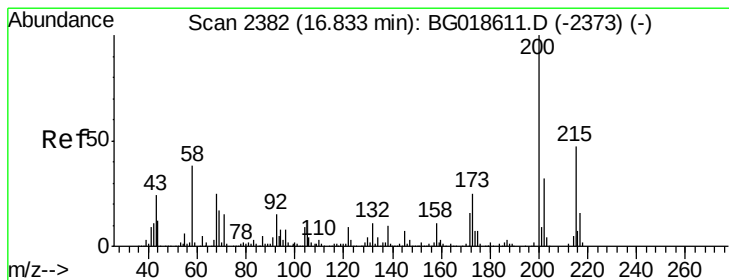
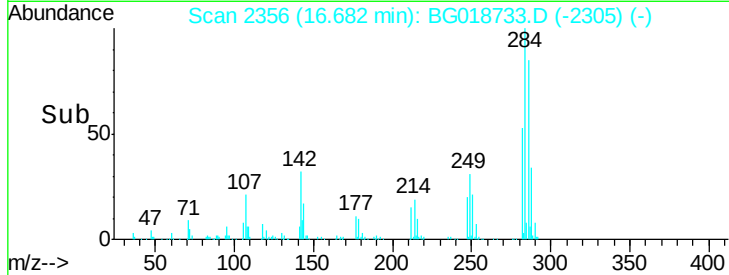
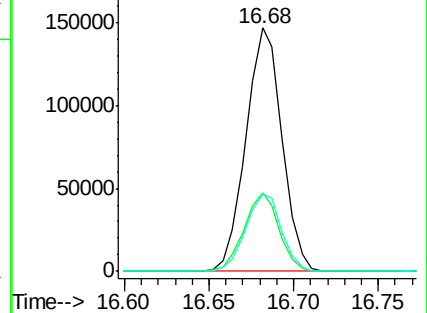
249 31.5 26.2 39.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 35.70 ng

RT: 16.83 min Scan# 2381

Delta R.T. 0.00 min

Lab File: BG018733.D

Acq: 17 Sep 2015 11:24

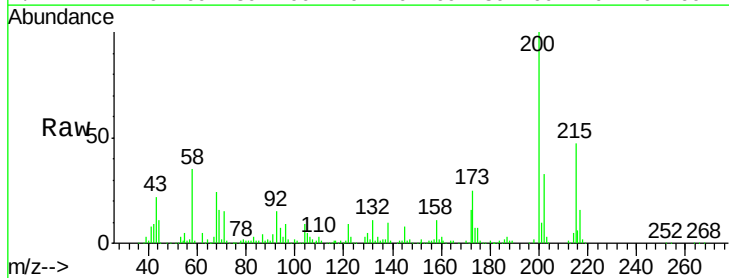
Tgt Ion:200 Resp: 191298

Ion Ratio Lower Upper

200 100

173 25.0 5.2 45.2

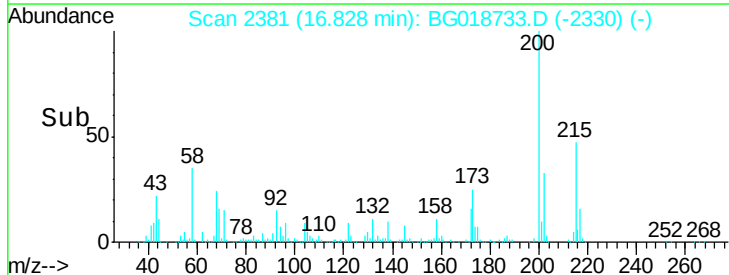
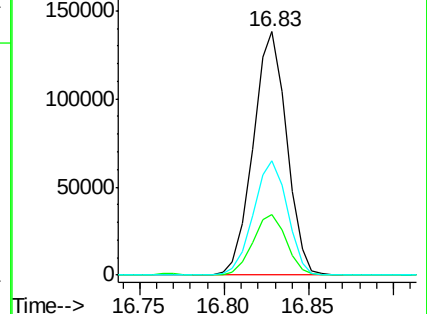
215 47.1 27.0 67.0

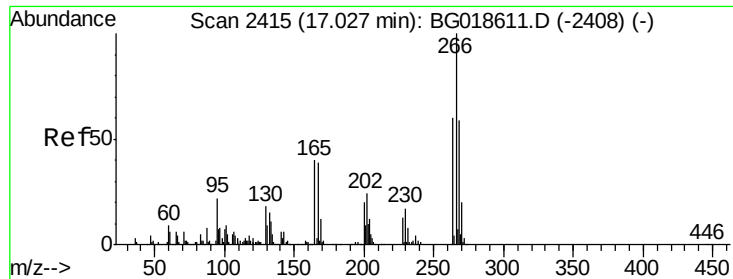


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

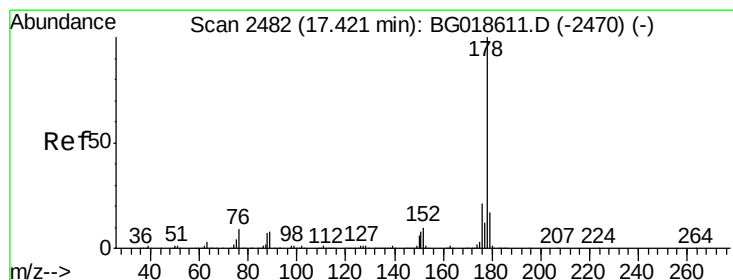
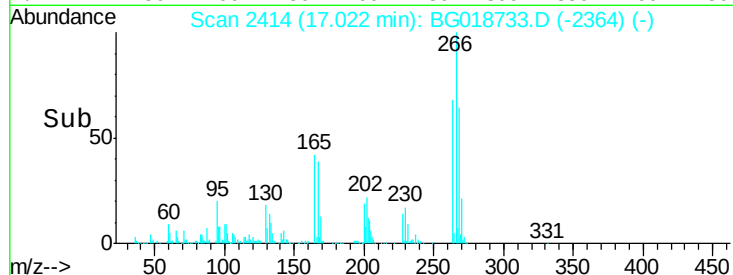
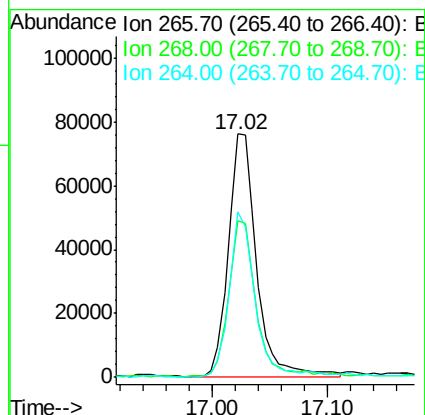
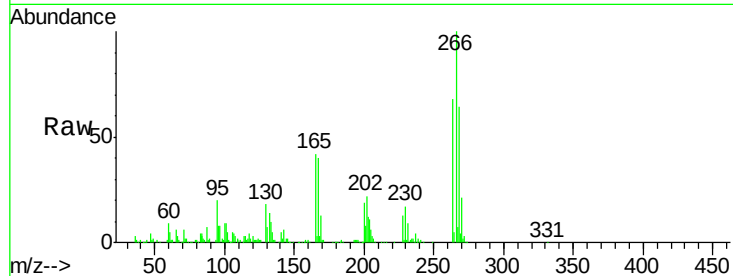




#69  
 Pentachlorophenol  
 Concen: 40.32 ng  
 RT: 17.02 min Scan# 2414  
 Delta R.T. -0.01 min  
 Lab File: BG018733.D  
 Acq: 17 Sep 2015 11:24

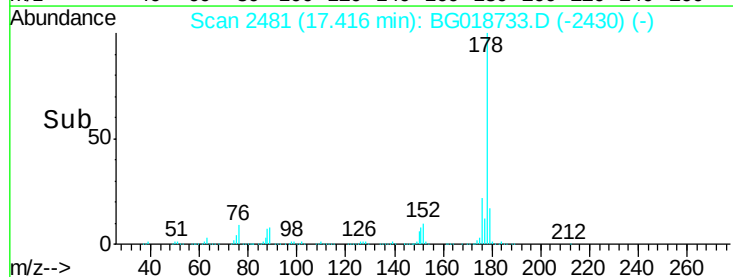
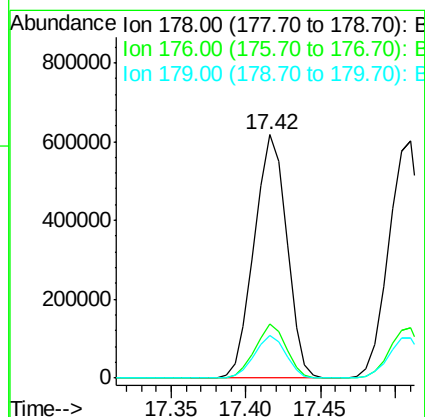
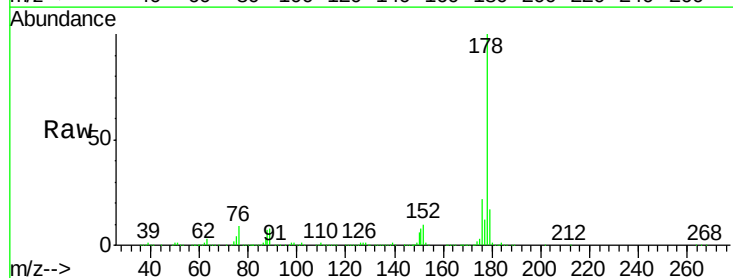
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

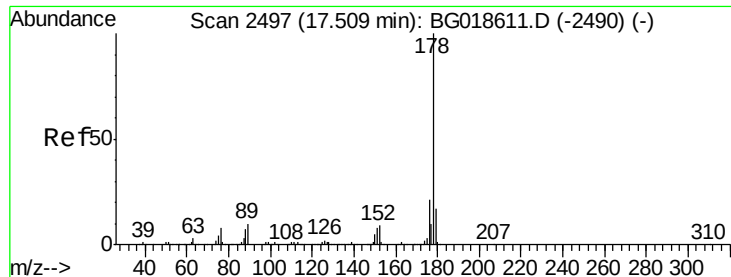
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.2  | 47.6  | 71.4  |
| 264     | 67.8  | 48.1  | 72.1  |



#70  
 Phenanthrene  
 Concen: 38.03 ng  
 RT: 17.42 min Scan# 2481  
 Delta R.T. 0.00 min  
 Lab File: BG018733.D  
 Acq: 17 Sep 2015 11:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 22.0  | 16.7  | 25.1  |
| 179     | 17.4  | 13.9  | 20.9  |





#71

Anthracene

Concen: 37.75 ng

RT: 17.51 min Scan# 2497

Delta R.T. 0.01 min

Lab File: BG018733.D

Acq: 17 Sep 2015 11:24

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

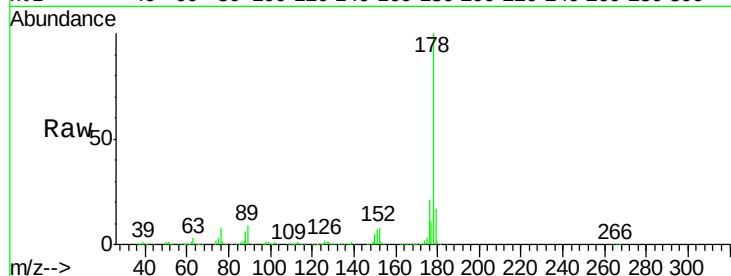
Tot Ion:178 Resp: 935539

Ion Ratio Lower Upper

178 100

176 21.2 16.8 25.2

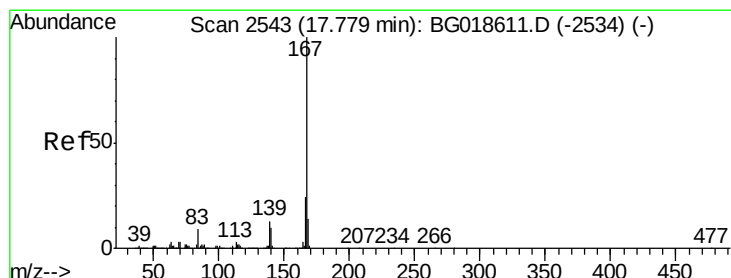
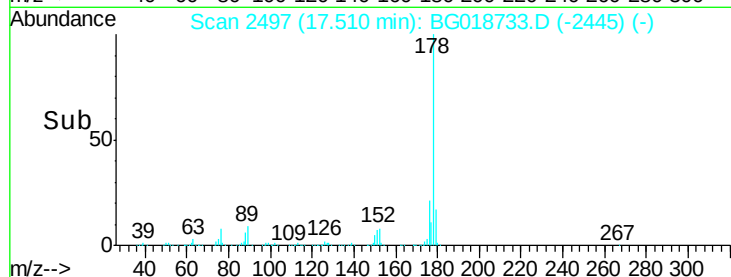
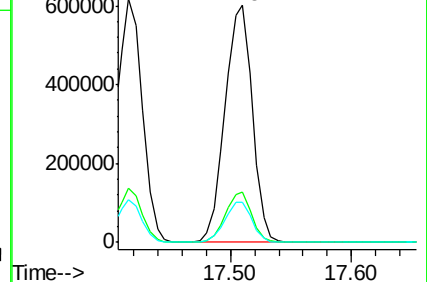
179 17.0 13.9 20.9



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

Carbazole

Concen: 36.79 ng

RT: 17.77 min Scan# 2542

Delta R.T. 0.00 min

Lab File: BG018733.D

Acq: 17 Sep 2015 11:24

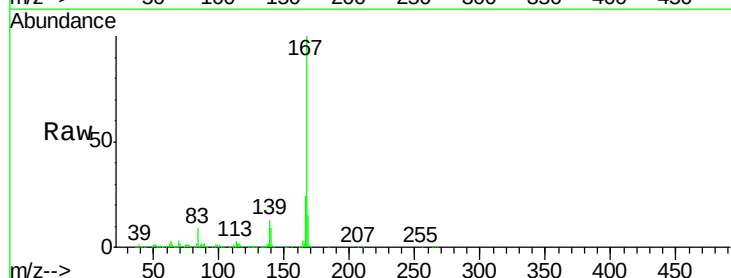
Tgt Ion:167 Resp: 882459

Ion Ratio Lower Upper

167 100

166 24.3 19.0 28.6

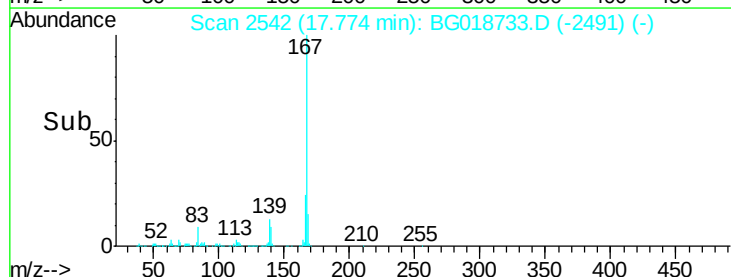
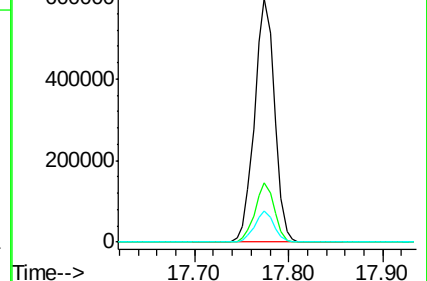
139 12.7 10.2 15.4

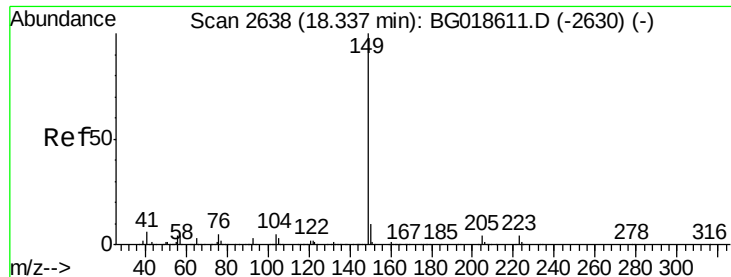


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.42 ng

RT: 18.33 min Scan# 2637

Delta R.T. 0.00 min

Lab File: BG018733.D

Acq: 17 Sep 2015 11:24

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

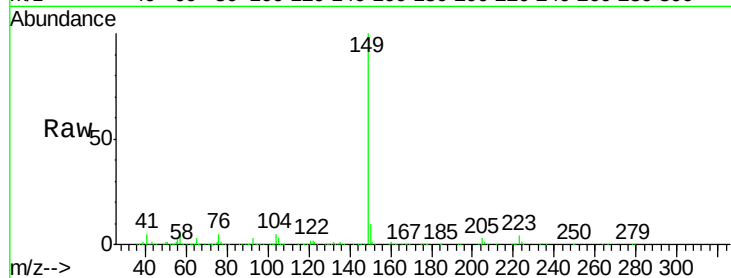
Tot Ion:149 Resp: 1058702

Ion Ratio Lower Upper

149 100

150 10.2 8.2 12.4

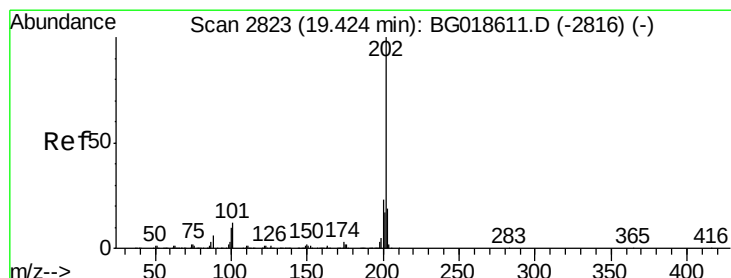
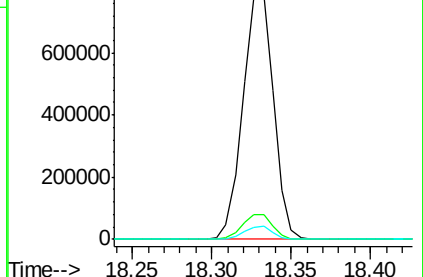
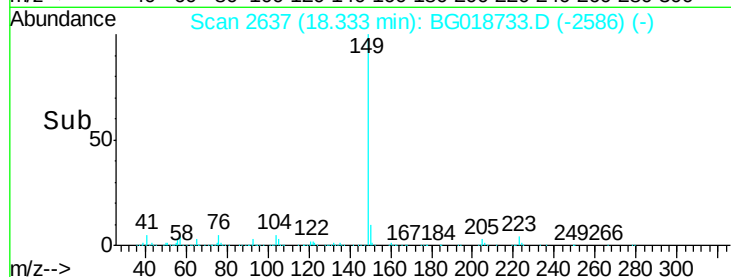
104 5.2 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.13 ng

RT: 19.42 min Scan# 2822

Delta R.T. 0.00 min

Lab File: BG018733.D

Acq: 17 Sep 2015 11:24

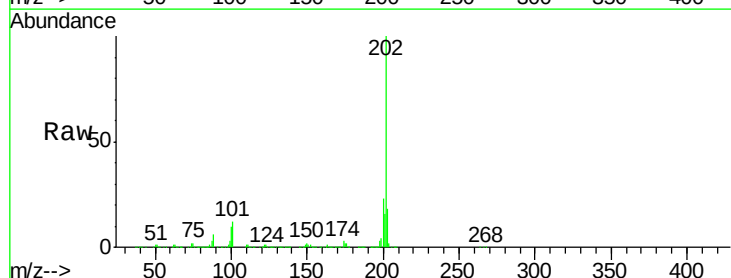
Tgt Ion:202 Resp: 1095056

Ion Ratio Lower Upper

202 100

101 11.7 0.0 32.4

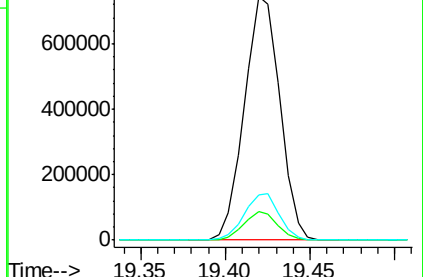
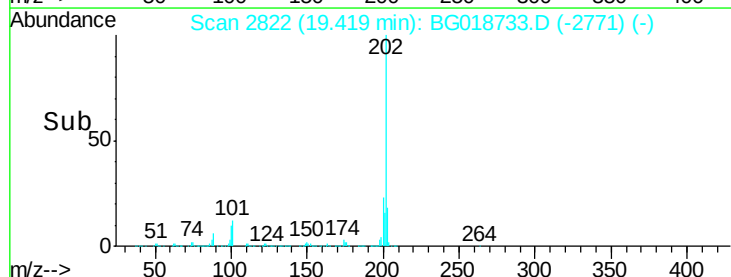
203 18.4 0.0 39.5



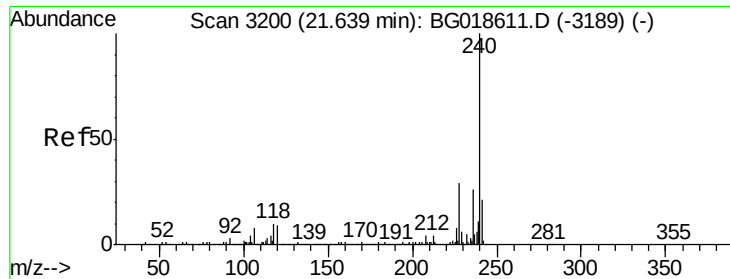
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E







#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3199

Delta R.T. 0.00 min

Lab File: BG018733.D

Acq: 17 Sep 2015 11:24

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

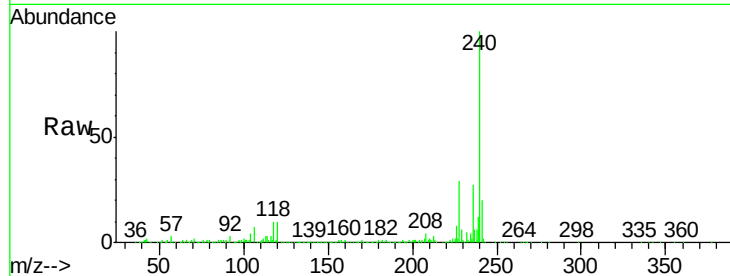
Tot Ion:240 Resp: 467332

Ion Ratio Lower Upper

240 100

120 10.1 7.4 11.0

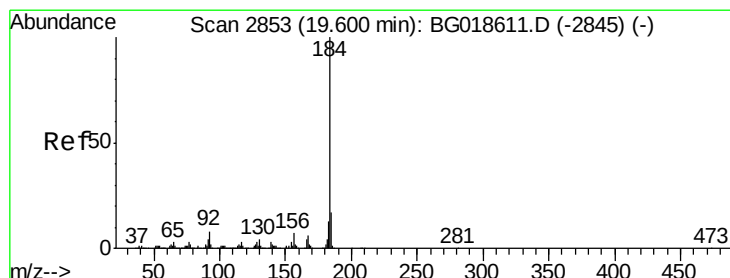
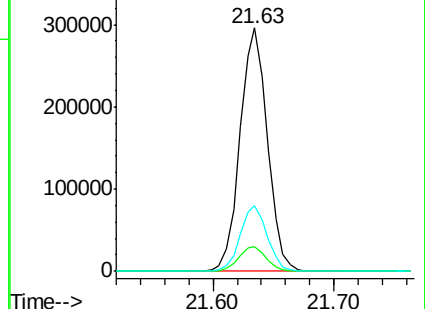
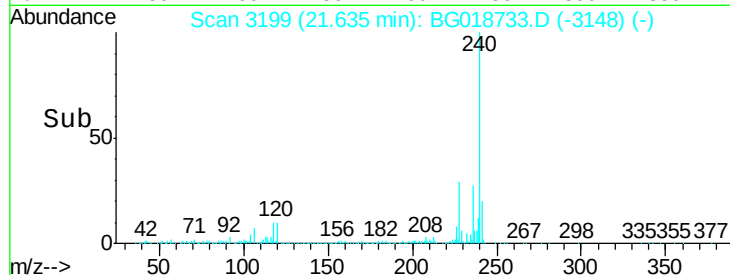
236 27.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 48.82 ng

RT: 19.60 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG018733.D

Acq: 17 Sep 2015 11:24

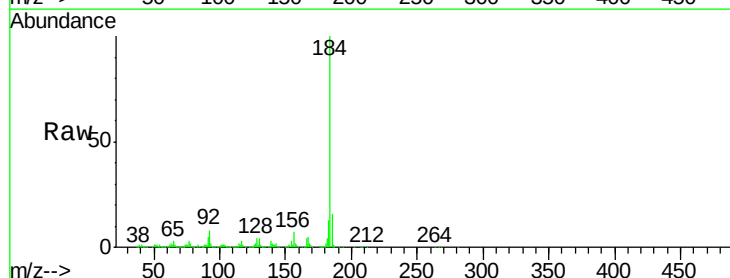
Tgt Ion:184 Resp: 685110

Ion Ratio Lower Upper

184 100

185 15.7 13.4 20.2

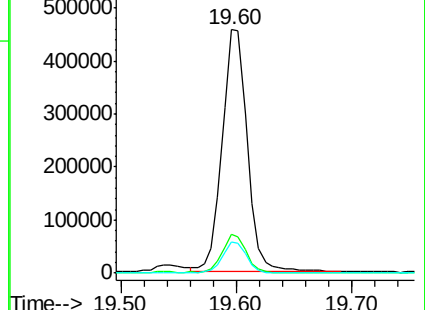
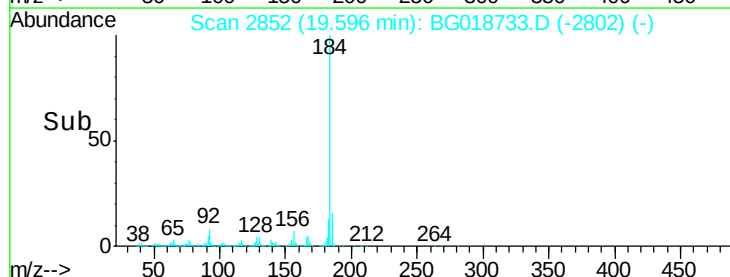
183 12.7 10.1 15.1

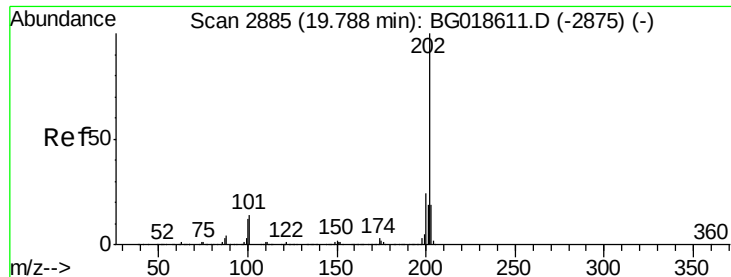


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.69 ng

RT: 19.78 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG018733.D

Acq: 17 Sep 2015 11:24

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

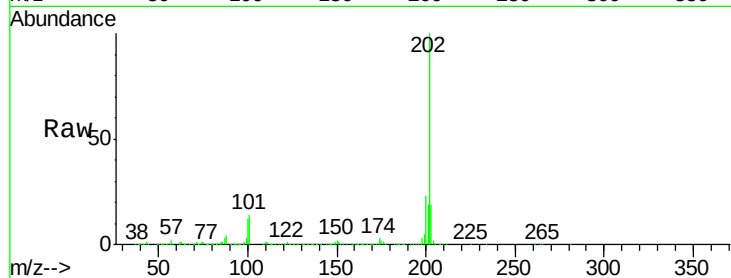
Tot Ion:202 Resp: 1111037

Ion Ratio Lower Upper

202 100

200 23.5 19.4 29.0

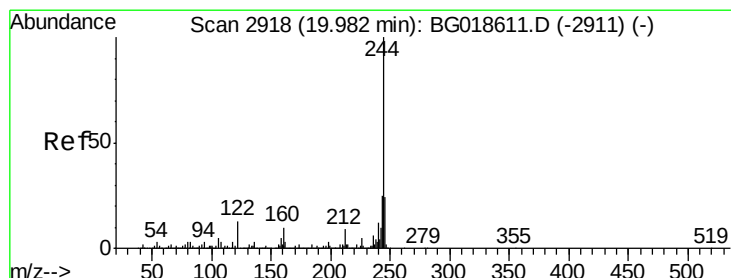
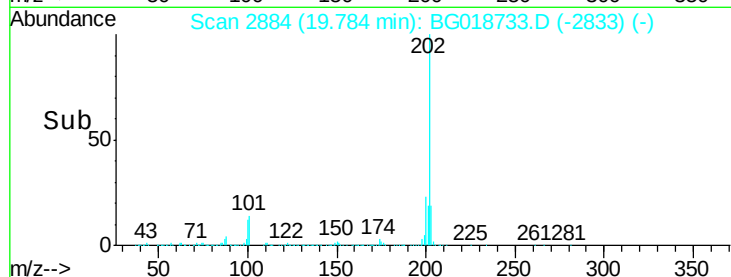
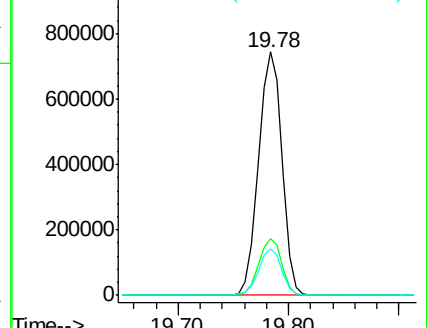
203 19.1 15.5 23.3



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



#78

Terphenyl-d14

Concen: 78.37 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.01 min

Lab File: BG018733.D

Acq: 17 Sep 2015 11:24

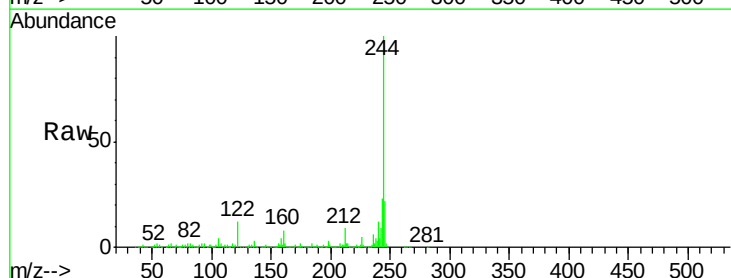
Tgt Ion:244 Resp: 1394777

Ion Ratio Lower Upper

244 100

212 8.5 6.9 10.3

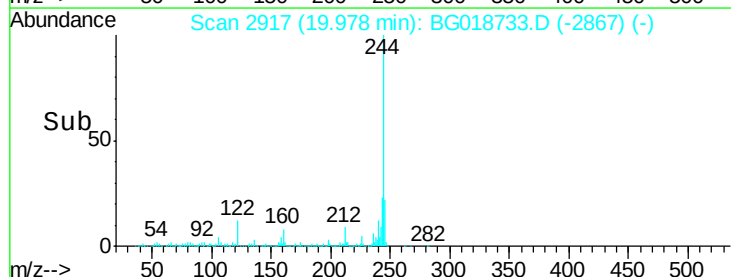
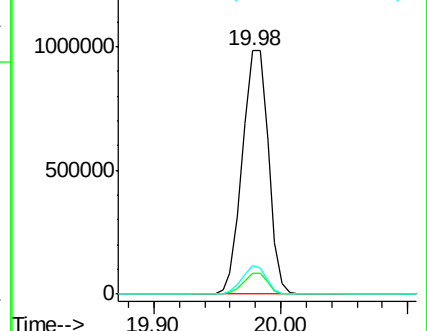
122 11.8 10.2 15.2

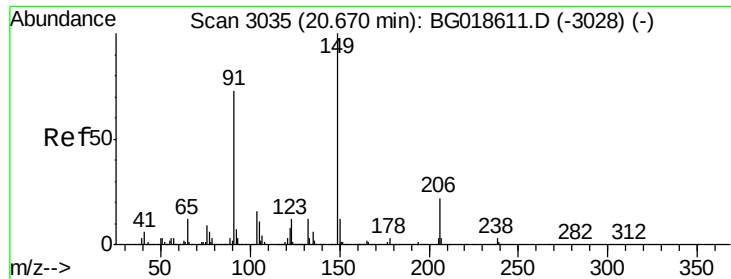


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

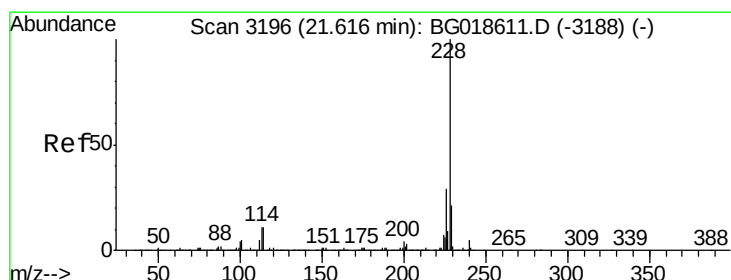
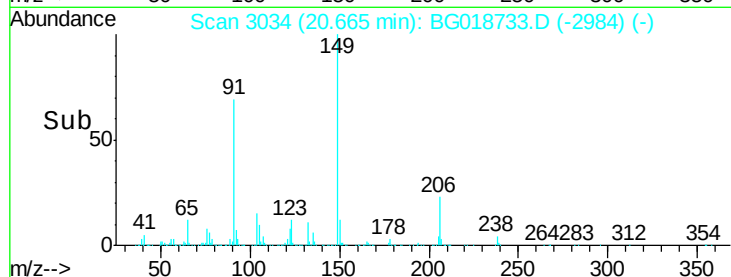
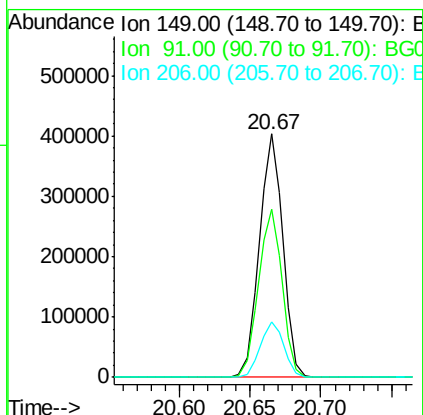
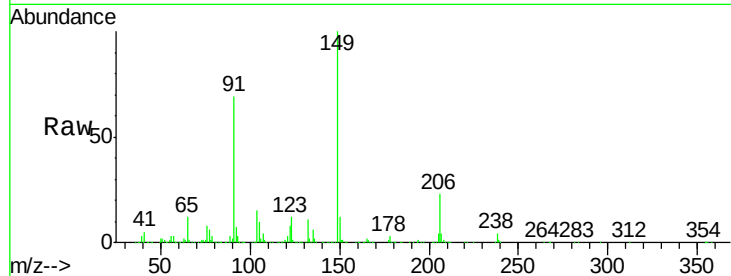




#79  
Butylbenzylphthalate  
Concen: 40.49 ng  
RT: 20.67 min Scan# 3034  
Delta R.T. -0.01 min  
Lab File: BG018733.D  
Acq: 17 Sep 2015 11:24

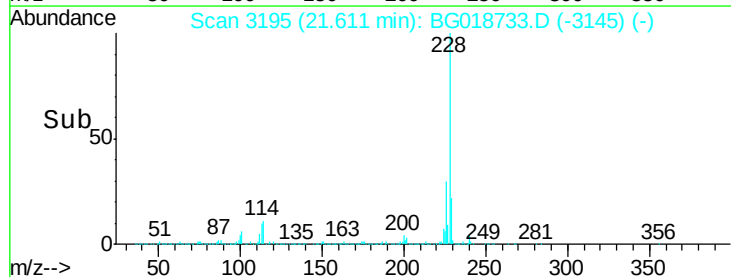
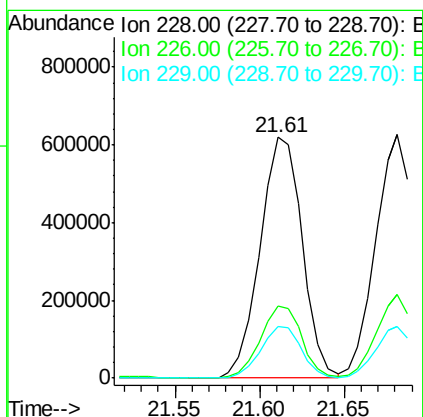
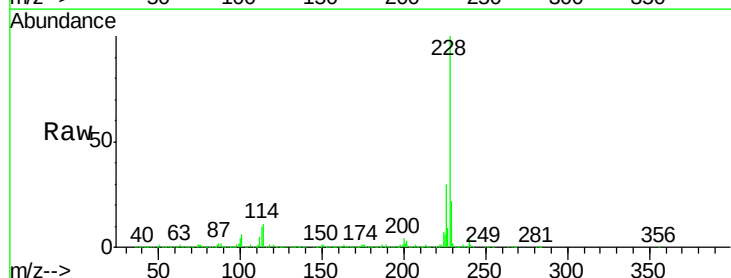
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

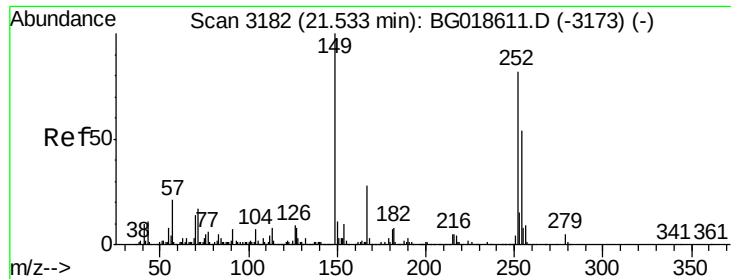
Tot Ion:149 Resp: 472809  
Ion Ratio Lower Upper  
149 100  
91 69.1 58.1 87.1  
206 22.9 17.8 26.8



#80  
Benzo(a)anthracene  
Concen: 39.87 ng  
RT: 21.61 min Scan# 3195  
Delta R.T. -0.01 min  
Lab File: BG018733.D  
Acq: 17 Sep 2015 11:24

Tgt Ion:228 Resp: 1072841  
Ion Ratio Lower Upper  
228 100  
226 30.0 23.4 35.0  
229 21.5 16.6 25.0

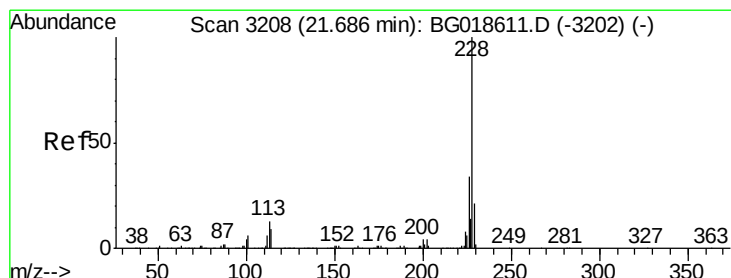
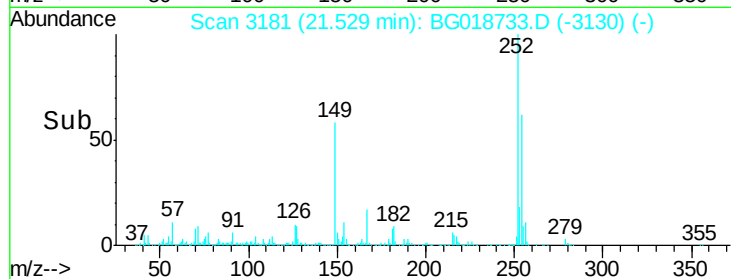
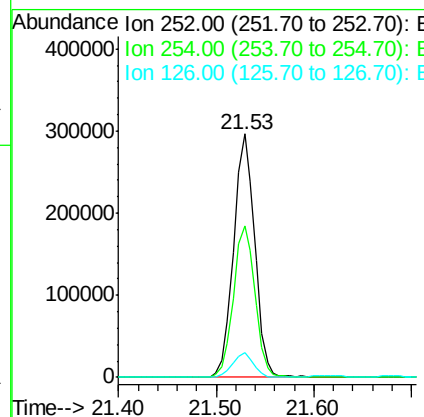
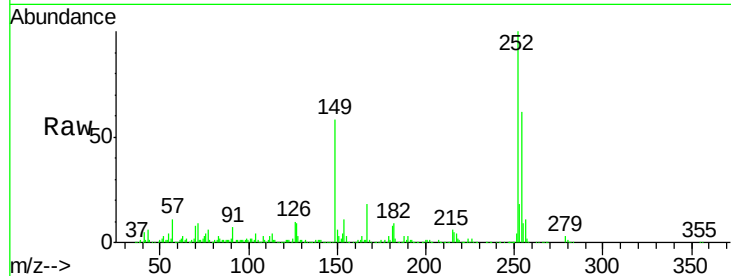




#81  
 3,3'-Dichlorobenzidine  
 Concen: 43.60 ng  
 RT: 21.53 min Scan# 3181  
 Delta R.T. 0.00 min  
 Lab File: BG018733.D  
 Acq: 17 Sep 2015 11:24

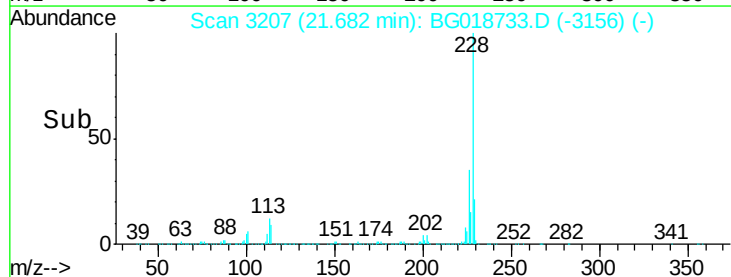
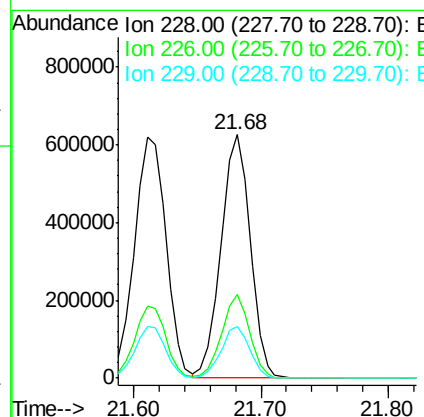
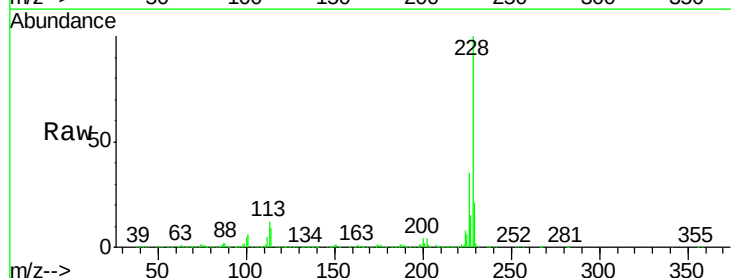
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

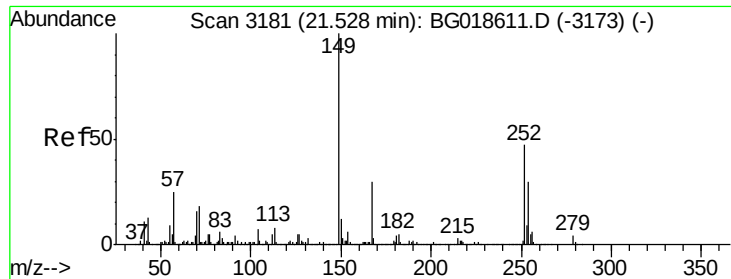
Tot Ion:252 Resp: 445699  
 Ion Ratio Lower Upper  
 252 100  
 254 62.3 52.5 78.7  
 126 10.1 8.5 12.7



#82  
 Chrysene  
 Concen: 39.66 ng  
 RT: 21.68 min Scan# 3207  
 Delta R.T. 0.00 min  
 Lab File: BG018733.D  
 Acq: 17 Sep 2015 11:24

Tgt Ion:228 Resp: 1004960  
 Ion Ratio Lower Upper  
 228 100  
 226 34.6 26.7 40.1  
 229 21.3 17.0 25.6

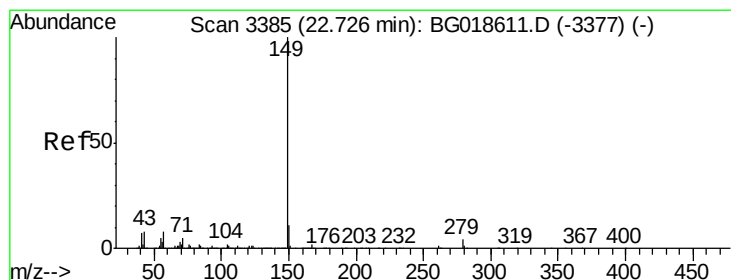
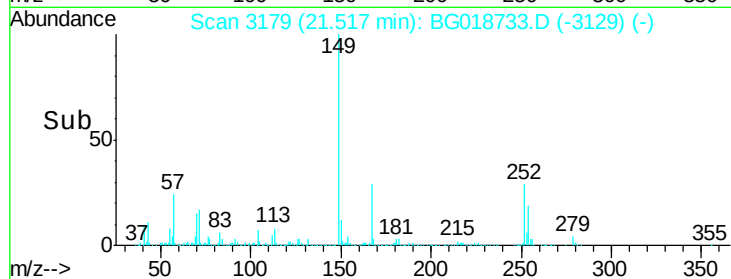
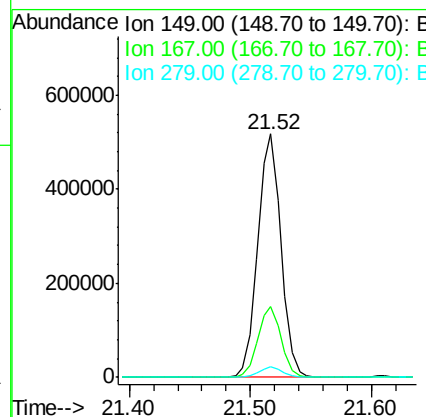
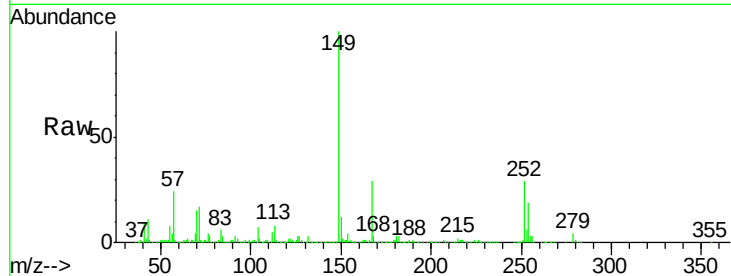




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 41.04 ng  
 RT: 21.52 min Scan# 3179  
 Delta R.T. -0.01 min  
 Lab File: BG018733.D  
 Acq: 17 Sep 2015 11:24

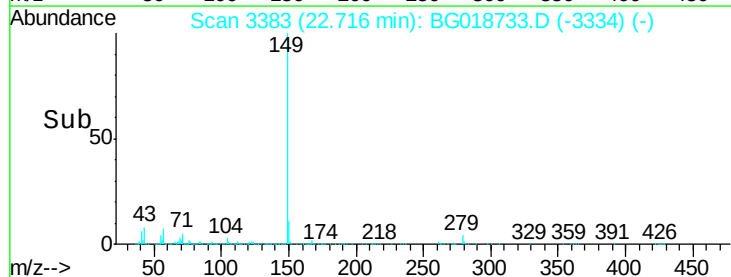
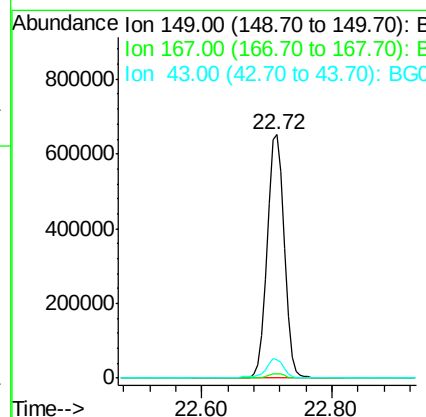
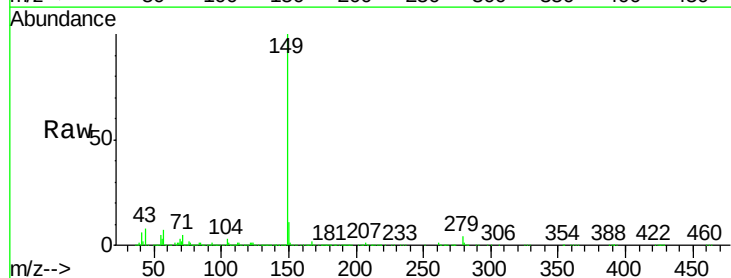
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

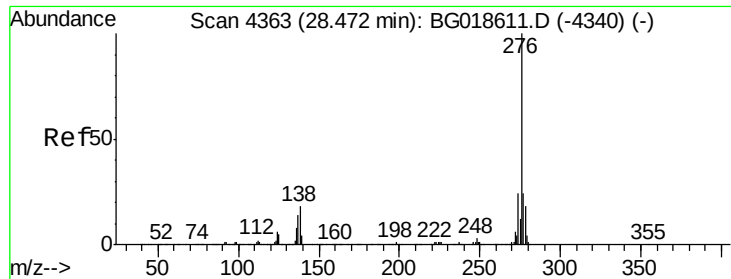
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 29.2  | 23.8  | 35.8  |
| 279     | 4.3   | 3.4   | 5.2   |



#84  
 Di-n-octyl phthalate  
 Concen: 41.54 ng  
 RT: 22.72 min Scan# 3383  
 Delta R.T. -0.01 min  
 Lab File: BG018733.D  
 Acq: 17 Sep 2015 11:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.7   | 1.2   | 1.8   |
| 43      | 8.3   | 5.9   | 8.9   |

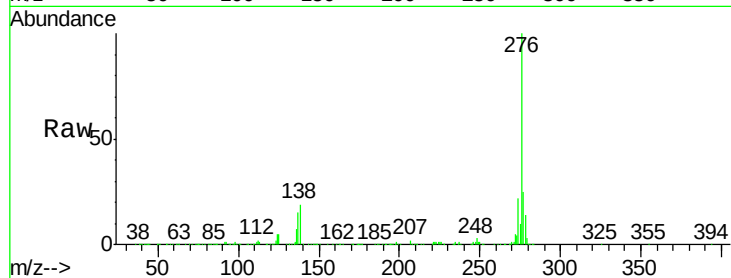




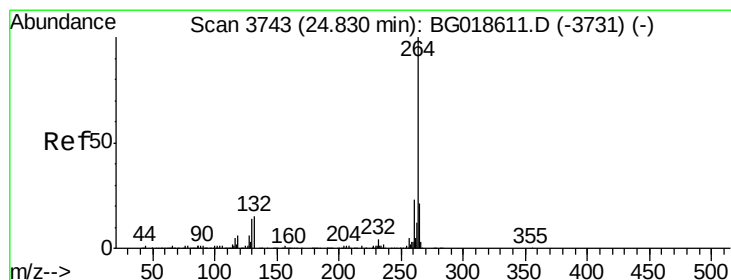
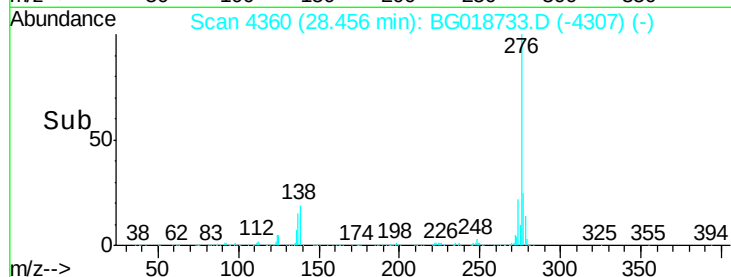
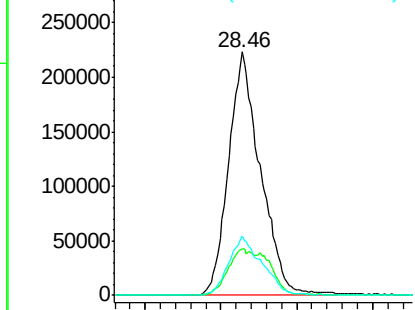
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 40.78 ng  
 RT: 28.46 min Scan# 4360  
 Delta R.T. 0.01 min  
 Lab File: BG018733.D  
 Acq: 17 Sep 2015 11:24

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDC040

Tot Ion:276 Resp: 1311844  
 Ion Ratio Lower Upper  
 276 100  
 138 15.3 0.0 0.0#  
 277 24.9 0.0 0.0#

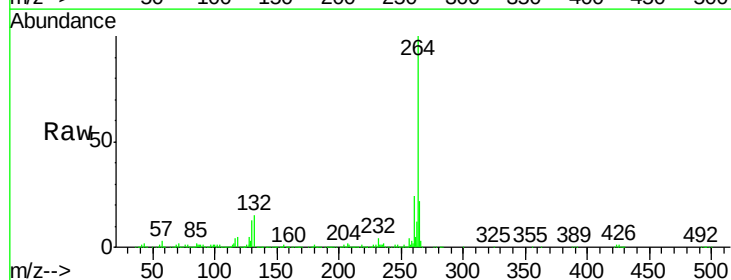


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

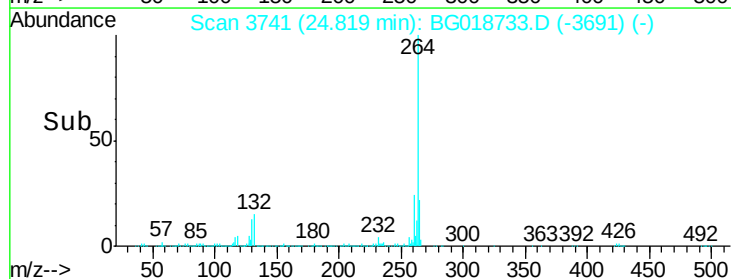
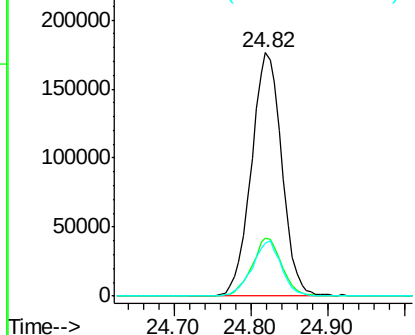


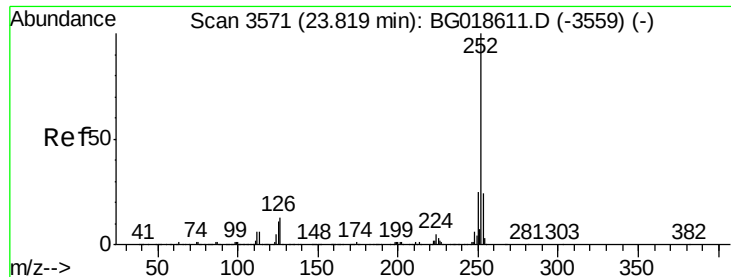
#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 24.82 min Scan# 3741  
 Delta R.T. -0.01 min  
 Lab File: BG018733.D  
 Acq: 17 Sep 2015 11:24

Tgt Ion:264 Resp: 487815  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 18.5 27.7  
 265 22.0 17.2 25.8



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





#87

Benzo(b)fluoranthene

Concen: 39.87 ng

RT: 23.81 min Scan# 3569

Delta R.T. 0.00 min

Lab File: BG018733.D

Acq: 17 Sep 2015 11:24

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

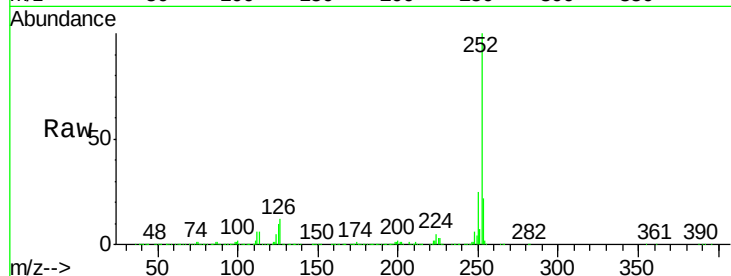
Tot Ion:252 Resp: 1127823

Ion Ratio Lower Upper

252 100

253 22.2 19.1 28.7

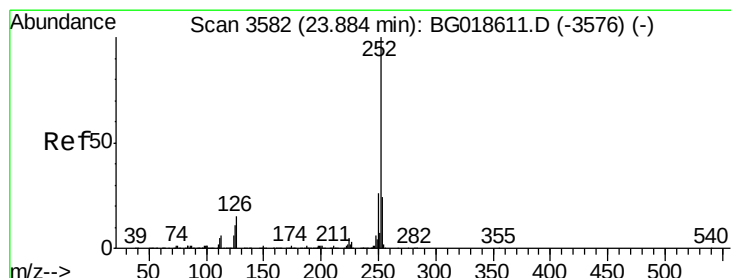
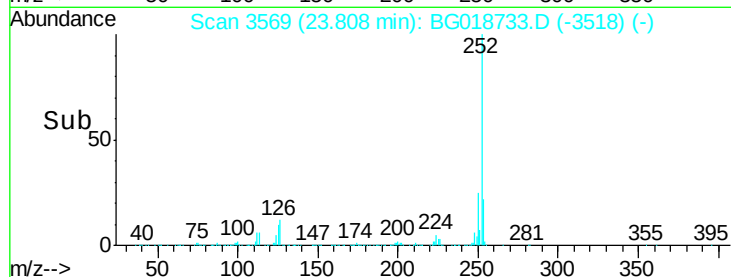
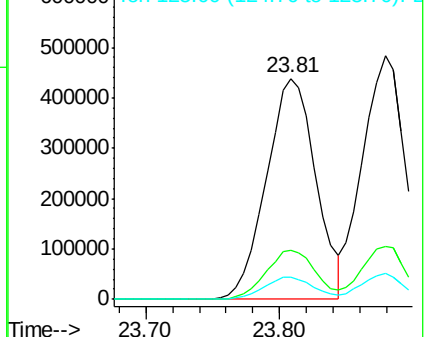
125 10.1 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 37.92 ng

RT: 23.88 min Scan# 3581

Delta R.T. 0.01 min

Lab File: BG018733.D

Acq: 17 Sep 2015 11:24

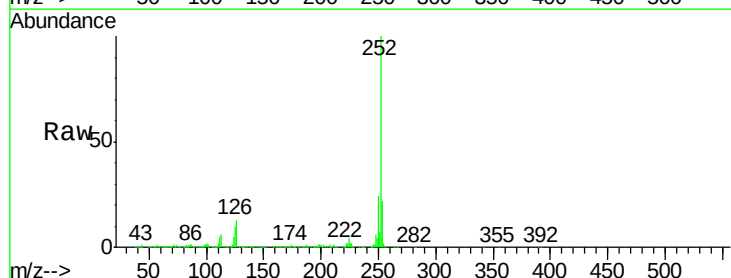
Tgt Ion:252 Resp: 1074626

Ion Ratio Lower Upper

252 100

253 21.8 19.0 28.4

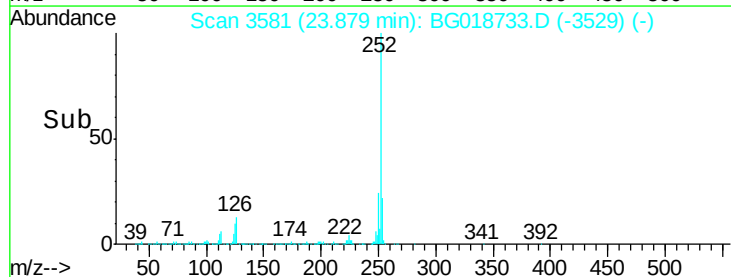
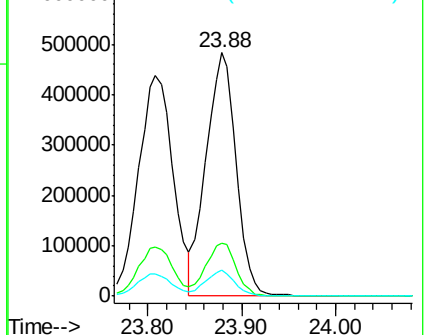
125 10.4 8.9 13.3

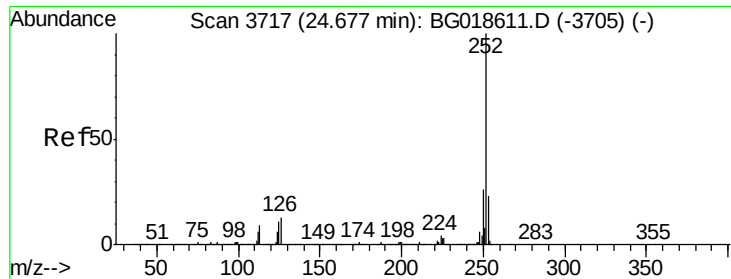


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

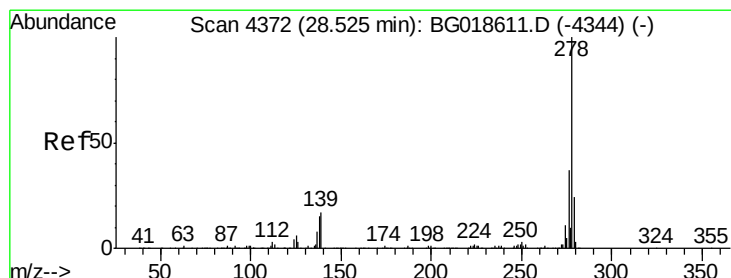
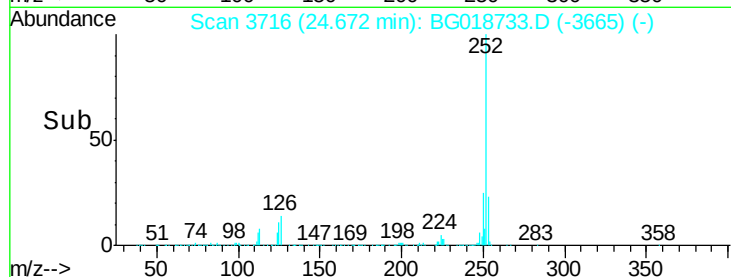
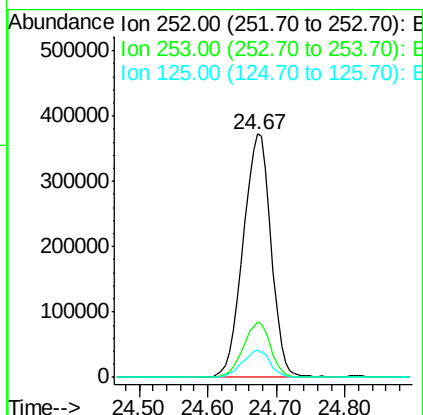
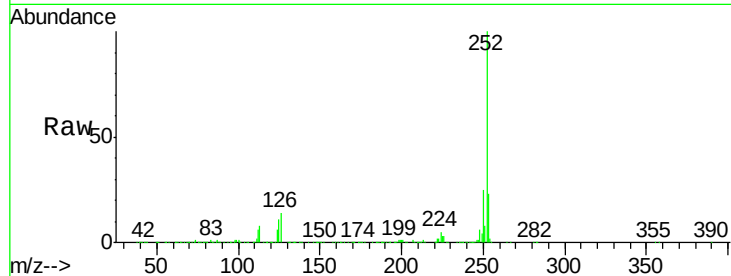




#89  
Benzo(a)pyrene  
Concen: 39.22 ng  
RT: 24.67 min Scan# 3716  
Delta R.T. 0.00 min  
Lab File: BG018733.D  
Acq: 17 Sep 2015 11:24

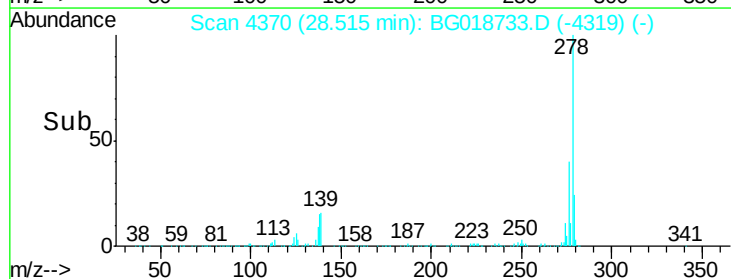
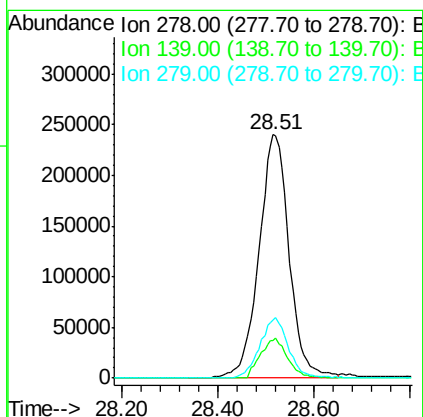
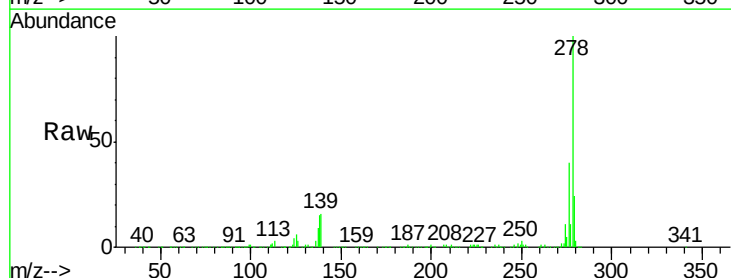
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:252 Resp: 1055719  
Ion Ratio Lower Upper  
252 100  
253 22.9 18.7 28.1  
125 11.0 9.1 13.7

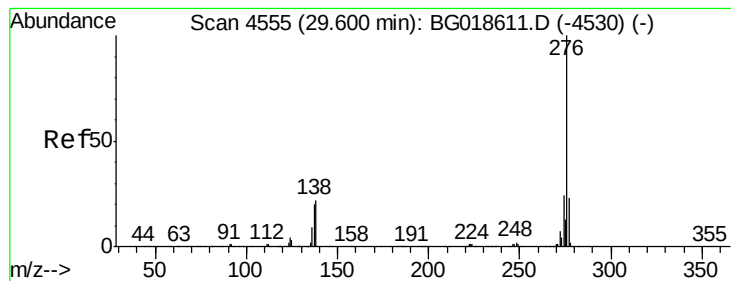


#90  
Dibenzo(a,h)anthracene  
Concen: 39.66 ng  
RT: 28.51 min Scan# 4370  
Delta R.T. 0.00 min  
Lab File: BG018733.D  
Acq: 17 Sep 2015 11:24

Tgt Ion:278 Resp: 1051168  
Ion Ratio Lower Upper  
278 100  
139 15.5 13.8 20.6  
279 23.8 19.4 29.0







#91

Benzo(a,h,i)perylene

Concen: 38.71 ng

RT: 29.60 min Scan# 4554

Delta R.T. 0.01 min

Lab File: BG018733.D

Acq: 17 Sep 2015 11:24

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

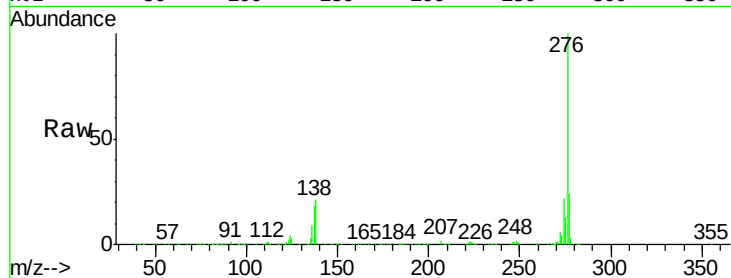
Tot Ion:276 Resp: 1044868

Ion Ratio Lower Upper

276 100

277 23.6 18.4 27.6

138 20.5 17.4 26.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

