

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG073015\  
 Data File : BG018173.D  
 Acq On : 30 Jul 2015 13:17  
 Operator : TP/UM  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Jul 30 16:22:25 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\Methods\8270-BG071715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jul 18 01:50:30 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.50  | 152  | 44671    | 20.00 | ng    | -0.09    |
| 21) Naphthalene-d8        | 10.28 | 136  | 207794   | 20.00 | ng    | -0.08    |
| 38) Acenaphthene-d10      | 14.17 | 164  | 139344   | 20.00 | ng    | -0.07    |
| 63) Phenanthrene-d10      | 16.93 | 188  | 324846   | 20.00 | ng    | -0.07    |
| 75) Chrysene-d12          | 21.14 | 240  | 288918   | 20.00 | ng    | -0.07    |
| 86) Perylene-d12          | 23.32 | 264  | 270227   | 20.00 | ng    | -0.10    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.10  | 112 | 166924  | 65.19  | ng | -0.09 |
| 7) Phenol-d6             | 6.69  | 99  | 226194  | 67.42  | ng | -0.07 |
| 23) Nitrobenzene-d5      | 8.66  | 82  | 209039  | 65.16  | ng | -0.08 |
| 41) 2,4,6-Tribromophenol | 15.68 | 330 | 171572  | 121.53 | ng | -0.07 |
| 44) 2-Fluorobiphenyl     | 12.79 | 172 | 647814  | 80.56  | ng | -0.07 |
| 78) Terphenyl-d14        | 19.58 | 244 | 1084679 | 94.57  | ng | -0.07 |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.03  | 88  | 20965m | 18.63 | ng |        |
| 3) Pyridine                    | 3.42  | 79  | 65435  | 21.76 | ng | # 77   |
| 4) n-Nitrosodimethylamine      | 3.34  | 42  | 22966  | 20.11 | ng | # 74   |
| 6) Aniline                     | 6.84  | 93  | 144476 | 32.30 | ng | # 87   |
| 8) 2-Chlorophenol              | 7.07  | 128 | 113078 | 37.46 | ng | 87     |
| 9) Benzaldehyde                | 6.65  | 77  | 57442  | 27.95 | ng | # 78   |
| 10) Phenol                     | 6.72  | 94  | 115075 | 32.14 | ng | 91     |
| 11) bis(2-Chloroethyl)ether    | 6.93  | 93  | 86035  | 30.71 | ng | 84     |
| 12) 1,3-Dichlorobenzene        | 7.39  | 146 | 124535 | 37.57 | ng | # 91   |
| 13) 1,4-Dichlorobenzene        | 7.53  | 146 | 128875 | 37.92 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 7.85  | 146 | 122117 | 37.61 | ng | 96     |
| 15) Benzyl Alcohol             | 7.75  | 79  | 84391  | 34.01 | ng | # 90   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.04  | 45  | 68052  | 20.17 | ng | 83     |
| 17) 2-Methylphenol             | 7.96  | 107 | 88726  | 35.54 | ng | 96     |
| 18) Hexachloroethane           | 8.56  | 117 | 42970  | 33.48 | ng | # 85   |
| 19) n-Nitroso-di-n-propylamine | 8.32  | 70  | 73475  | 29.99 | ng | # 76   |
| 20) 3+4-Methylphenols          | 8.29  | 107 | 123674 | 36.60 | ng | 96     |
| 22) Acetophenone               | 8.32  | 105 | 153867 | 34.28 | ng | # 89   |
| 24) Nitrobenzene               | 8.70  | 77  | 106784 | 31.24 | ng | # 81   |
| 25) Isophorone                 | 9.23  | 82  | 220450 | 32.76 | ng | # 89   |
| 26) 2-Nitrophenol              | 9.41  | 139 | 79181  | 48.55 | ng | # 77   |
| 27) 2,4-Dimethylphenol         | 9.48  | 122 | 113813 | 38.36 | ng | 95     |
| 28) bis(2-Chloroethoxy)methane | 9.71  | 93  | 119651 | 31.91 | ng | # 97   |
| 29) 2,4-Dichlorophenol         | 9.94  | 162 | 122800 | 46.46 | ng | 92     |
| 30) 1,2,4-Trichlorobenzene     | 10.15 | 180 | 134465 | 42.81 | ng | 98     |
| 31) Naphthalene                | 10.33 | 128 | 384133 | 37.77 | ng | 100    |
| 32) Benzoic acid               | 9.65  | 122 | 86678  | 60.82 | ng | # 81   |
| 33) 4-Chloroaniline            | 10.45 | 127 | 180646 | 39.85 | ng | # 90   |
| 34) Hexachlorobutadiene        | 10.62 | 225 | 80469  | 45.48 | ng | 94     |
| 35) Caprolactam                | 11.25 | 113 | 58479  | 43.54 | ng | # 64   |
| 36) 4-Chloro-3-methylphenol    | 11.61 | 107 | 122657 | 40.88 | ng | 87     |
| 37) 2-Methylnaphthalene        | 11.96 | 142 | 294819 | 40.39 | ng | 96     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.34 | 216 | 160283 | 42.91 | ng | # 94   |
| 40) Hexachlorocyclopentadiene  | 12.32 | 237 | 79519  | 39.04 | ng | 98     |

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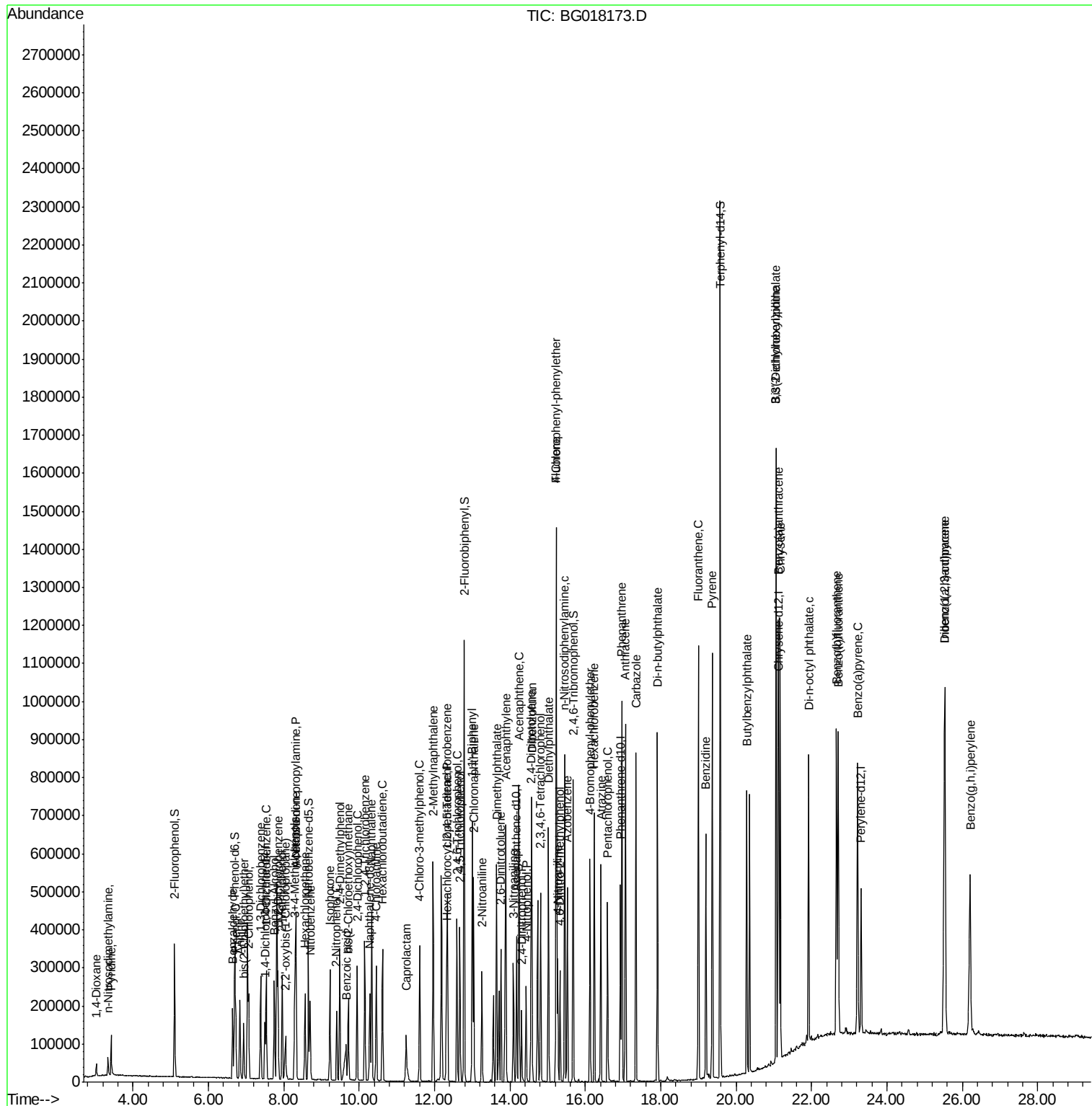
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 12.59 | 196  | 115210   | 47.43 | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 12.67 | 196  | 120911   | 47.87 | ng #  | 90       |
| 45) 1,1'-Biphenyl              | 13.00 | 154  | 365698   | 37.49 | ng    | 96       |
| 46) 2-Chloronaphthalene        | 13.03 | 162  | 302895   | 38.31 | ng    | 93       |
| 47) 2-Nitroaniline             | 13.25 | 65   | 65960    | 31.07 | ng #  | 64       |
| 48) Acenaphthylene             | 13.89 | 152  | 513810   | 38.97 | ng    | 98       |
| 49) Dimethylphthalate          | 13.64 | 163  | 394839   | 40.79 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 13.76 | 165  | 98112    | 44.73 | ng #  | 70       |
| 51) Acenaphthene               | 14.24 | 154  | 298198   | 37.35 | ng    | 99       |
| 52) 3-Nitroaniline             | 14.10 | 138  | 106636   | 43.25 | ng #  | 79       |
| 53) 2,4-Dinitrophenol          | 14.31 | 184  | 61427    | 60.36 | ng #  | 79       |
| 54) Dibenzofuran               | 14.58 | 168  | 458214   | 39.77 | ng    | 93       |
| 55) 4-Nitrophenol              | 14.43 | 139  | 84750    | 43.45 | ng #  | 69       |
| 56) 2,4-Dinitrotoluene         | 14.56 | 165  | 138716   | 47.15 | ng #  | 77       |
| 57) Fluorene                   | 15.23 | 166  | 395740   | 39.96 | ng    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 14.81 | 232  | 111783   | 51.33 | ng #  | 86       |
| 59) Diethylphthalate           | 15.02 | 149  | 387368   | 38.64 | ng    | 97       |
| 60) 4-Chlorophenyl-phenylether | 15.23 | 204  | 207723   | 42.78 | ng #  | 87       |
| 61) 4-Nitroaniline             | 15.27 | 138  | 116874   | 40.46 | ng    | 84       |
| 62) Azobenzene                 | 15.52 | 77   | 251200   | 27.11 | ng #  | 78       |
| 64) 4,6-Dinitro-2-methylphenol | 15.33 | 198  | 95640    | 53.02 | ng #  | 68       |
| 65) n-Nitrosodiphenylamine     | 15.45 | 169  | 359545   | 36.81 | ng    | 96       |
| 66) 4-Bromophenyl-phenylether  | 16.12 | 248  | 139163   | 42.75 | ng #  | 87       |
| 67) Hexachlorobenzene          | 16.24 | 284  | 161373   | 44.66 | ng #  | 83       |
| 68) Atrazine                   | 16.41 | 200  | 119178   | 37.15 | ng    | 98       |
| 69) Pentachlorophenol          | 16.59 | 266  | 98270    | 50.59 | ng    | 100      |
| 70) Phenanthrene               | 16.97 | 178  | 619312   | 36.96 | ng    | 99       |
| 71) Anthracene                 | 17.06 | 178  | 610638   | 37.46 | ng    | 99       |
| 72) Carbazole                  | 17.34 | 167  | 571689   | 37.12 | ng    | 97       |
| 73) Di-n-butylphthalate        | 17.91 | 149  | 661575   | 35.04 | ng #  | 97       |
| 74) Fluoranthene               | 19.00 | 202  | 701354   | 38.23 | ng    | 94       |
| 76) Benzidine                  | 19.20 | 184  | 371971   | 45.33 | ng    | 99       |
| 77) Pyrene                     | 19.37 | 202  | 686258   | 42.59 | ng    | 97       |
| 79) Butylbenzylphthalate       | 20.28 | 149  | 250921   | 34.77 | ng #  | 76       |
| 80) Benzo(a)anthracene         | 21.12 | 228  | 588574   | 38.57 | ng    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 21.06 | 252  | 240573   | 43.47 | ng #  | 95       |
| 82) Chrysene                   | 21.17 | 228  | 552284   | 38.00 | ng    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 21.06 | 149  | 321124   | 32.32 | ng #  | 97       |
| 84) Di-n-octyl phthalate       | 21.92 | 149  | 529029   | 33.80 | ng #  | 83       |
| 85) Indeno(1,2,3-cd)pyrene     | 25.53 | 276  | 673906   | 38.34 | ng #  | 88       |
| 87) Benzo(b)fluoranthene       | 22.66 | 252  | 585453   | 39.60 | ng #  | 93       |
| 88) Benzo(k)fluoranthene       | 22.71 | 252  | 546120   | 36.99 | ng #  | 94       |
| 89) Benzo(a)pyrene             | 23.22 | 252  | 532807   | 38.68 | ng #  | 94       |
| 90) Dibenzo(a,h)anthracene     | 25.54 | 278  | 571459   | 40.01 | ng #  | 91       |
| 91) Benzo(g,h,i)perylene       | 26.21 | 276  | 538346   | 39.09 | ng #  | 89       |

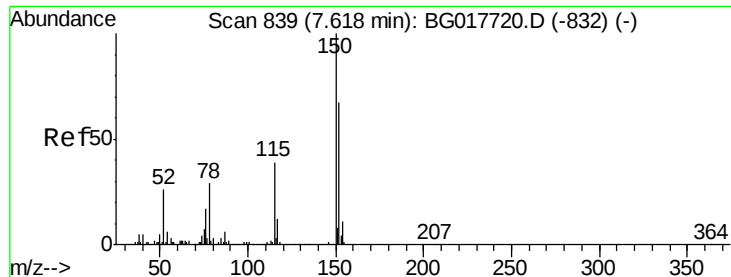
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Acq On    : 30 Jul 2015   13:17
Operator  : TP/UM
Sample    : SSTCCCC040
Misc      :
ALS Vial  : 2      Sample Multiplier: 1
```

**Instrument :**  
BNA\_G  
**ClientSampleId :**  
SSTDCCC040

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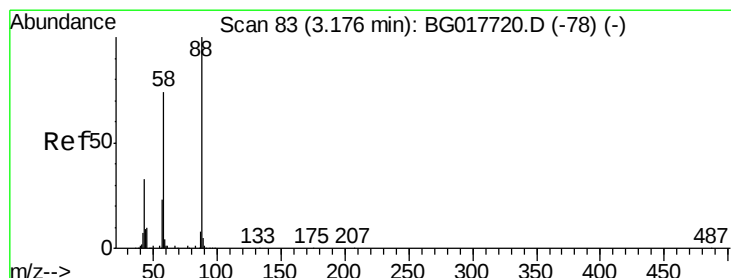
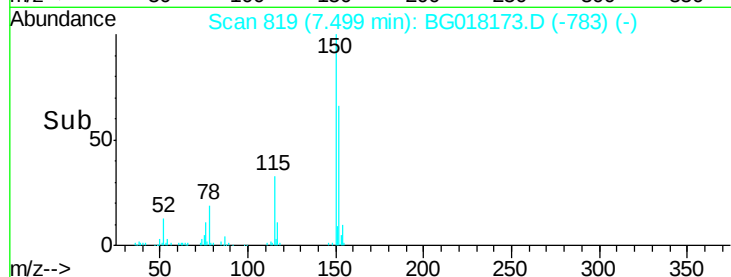
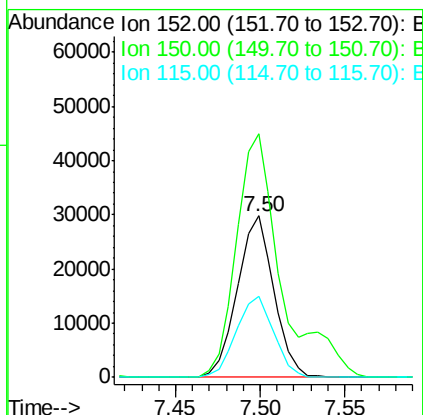
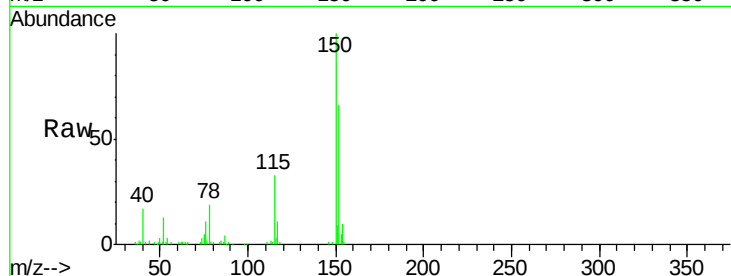


#1

1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.50 min Scan# 819  
Delta R.T. -0.09 min  
Lab File: BG018173.D  
Acq: 30 Jul 2015 13:17

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

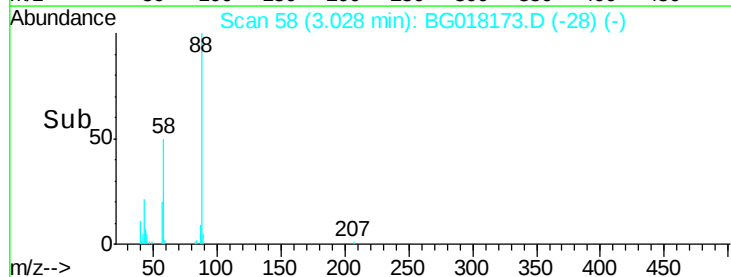
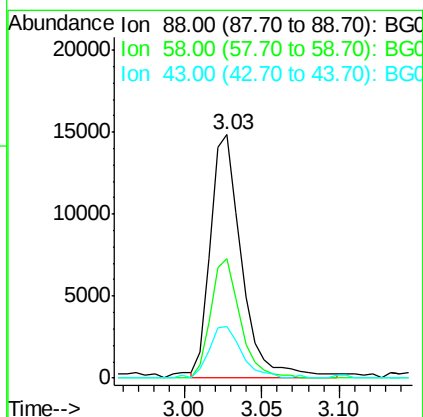
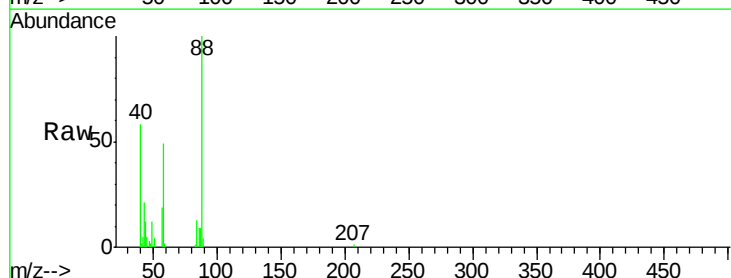
Tgt Ion:152 Resp: 44671  
Ion Ratio Lower Upper  
152 100  
150 151.0 119.1 178.7  
115 50.3 47.0 70.4

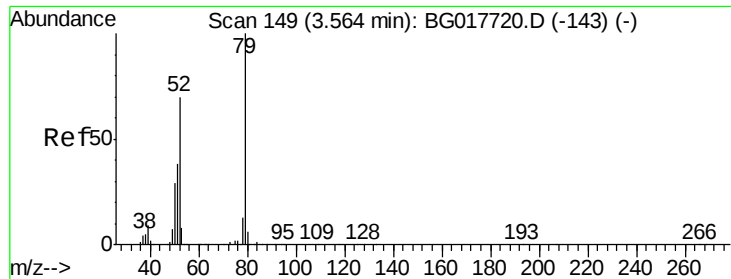


#2

1,4-Dioxane  
Concen: 18.63 ng m  
RT: 3.03 min Scan# 58  
Delta R.T. -0.12 min  
Lab File: BG018173.D  
Acq: 30 Jul 2015 13:17

Tgt Ion: 88 Resp: 20965  
Ion Ratio Lower Upper  
88 100  
58 0.0 55.8 83.8#  
43 0.0 27.4 41.2#





#3

Pyridine

Concen: 21.76 ng

RT: 3.42 min Scan# 124

Delta R.T. -0.11 min

Lab File: BG018173.D

Acq: 30 Jul 2015 13:17

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

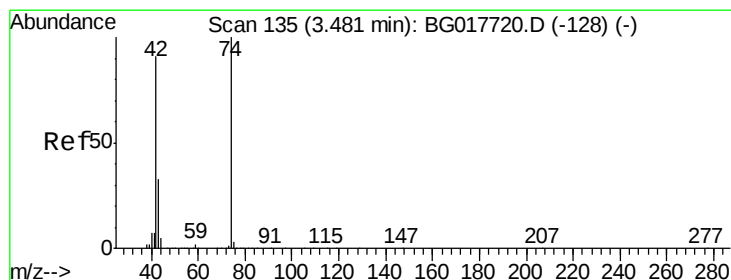
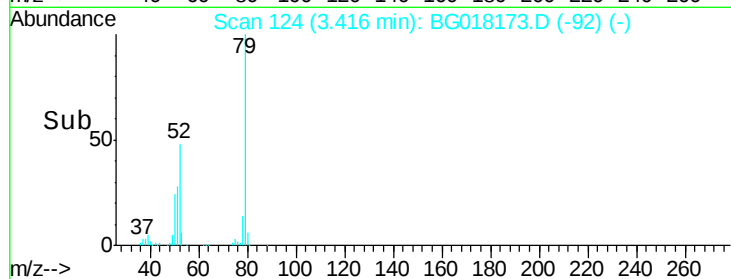
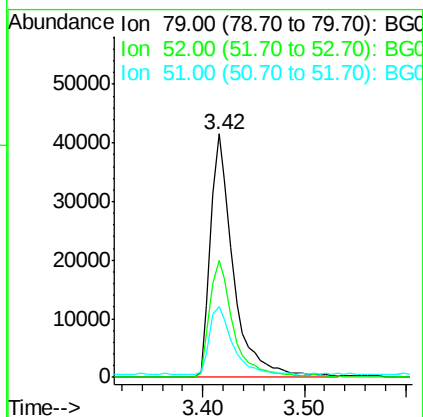
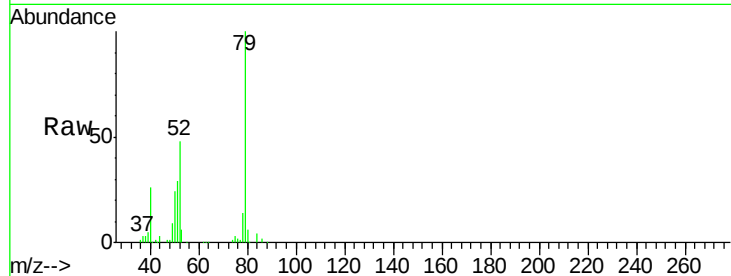
Tgt Ion: 79 Resp: 65435

Ion Ratio Lower Upper

79 100

52 48.0 55.7 83.5#

51 29.2 32.2 48.4#



#4

n-Nitrosodimethylamine

Concen: 20.11 ng

RT: 3.34 min Scan# 111

Delta R.T. -0.11 min

Lab File: BG018173.D

Acq: 30 Jul 2015 13:17

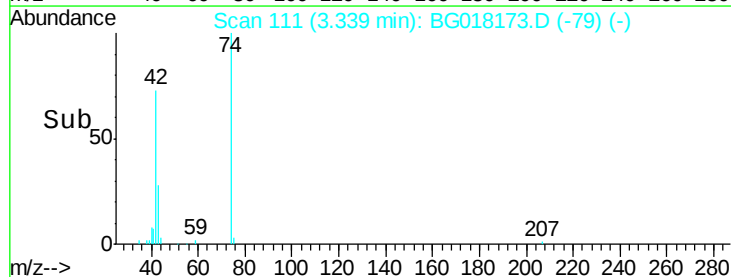
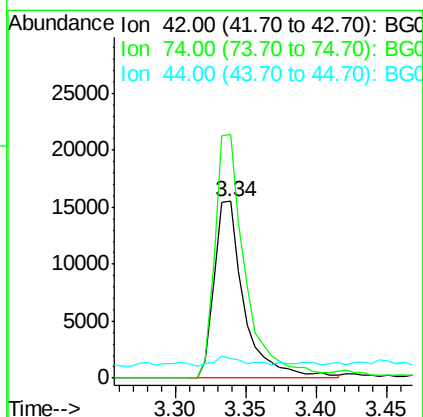
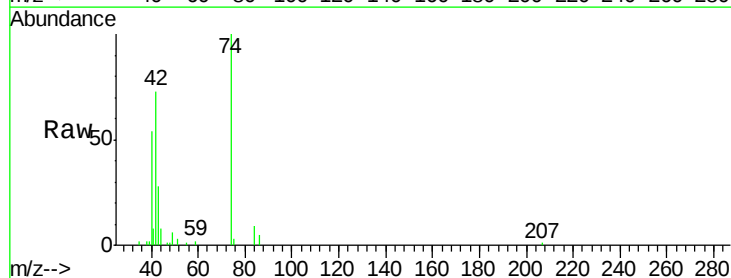
Tgt Ion: 42 Resp: 22966

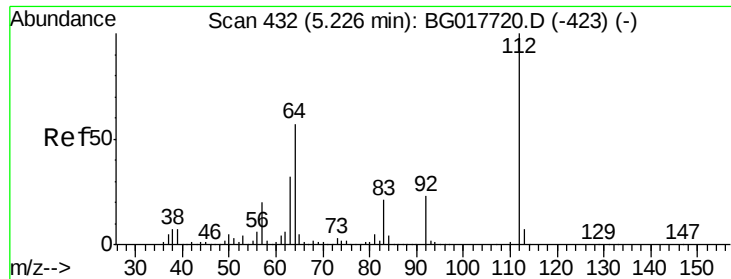
Ion Ratio Lower Upper

42 100

74 137.6 87.4 131.2#

44 11.1 6.4 9.6#





#5

2-Fluorophenol

Concen: 65.19 ng

RT: 5.10 min Scan# 411

Delta R.T. -0.09 min

Lab File: BG018173.D

Acq: 30 Jul 2015 13:17

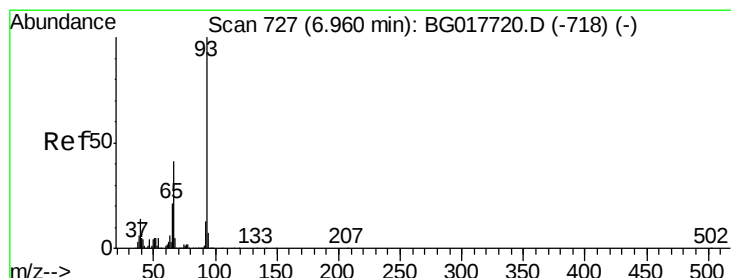
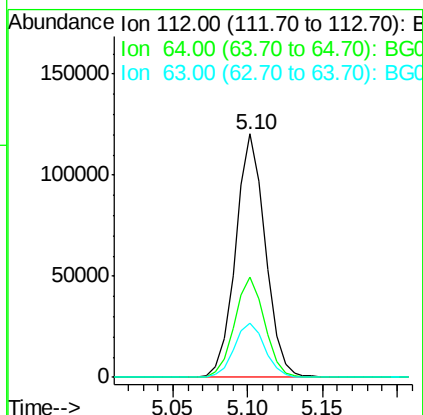
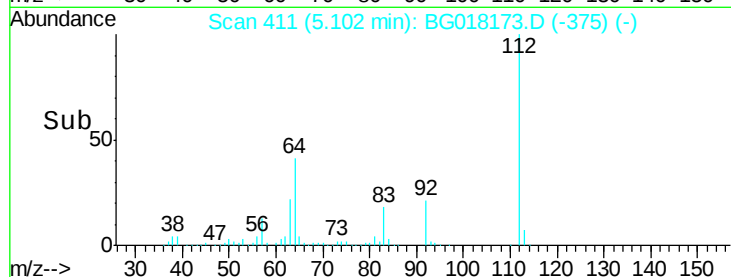
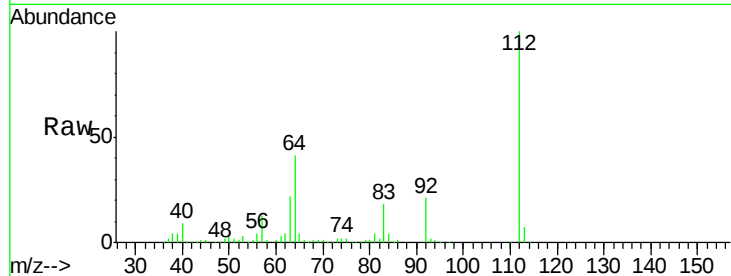
Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 112   | Resp: | 166924 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 41.1  | 45.4  | 68.0#  |
| 63       | 22.3  | 25.3  | 37.9#  |



#6

Aniline

Concen: 32.30 ng

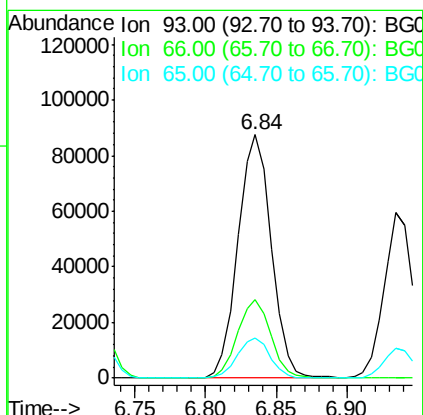
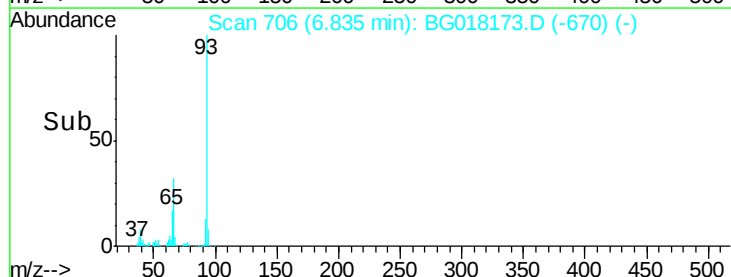
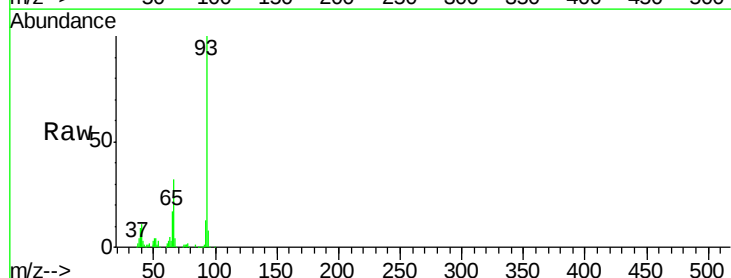
RT: 6.84 min Scan# 706

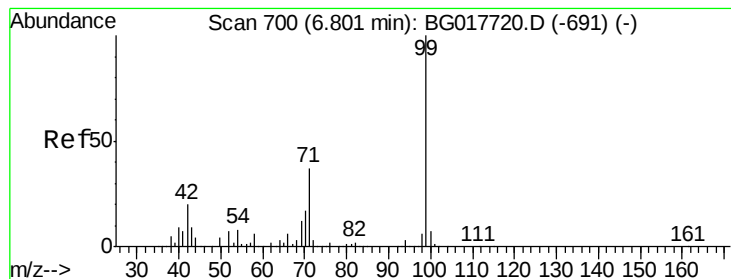
Delta R.T. -0.09 min

Lab File: BG018173.D

Acq: 30 Jul 2015 13:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 144476 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 32.0  | 32.7  | 49.1#  |
| 65       | 16.6  | 17.0  | 25.6#  |





#7

Phenol-d6

Concen: 67.42 ng

RT: 6.69 min Scan# 682

Delta R.T. -0.07 min

Lab File: BG018173.D

Acq: 30 Jul 2015 13:17

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

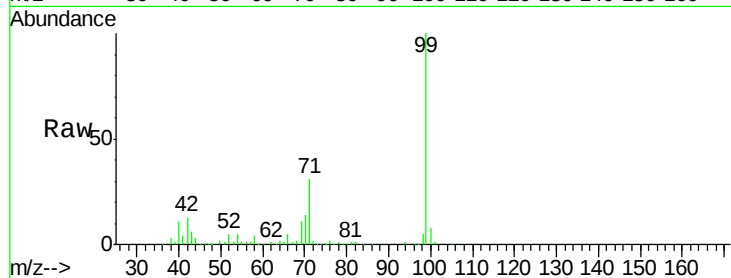
Tgt Ion: 99 Resp: 226194

Ion Ratio Lower Upper

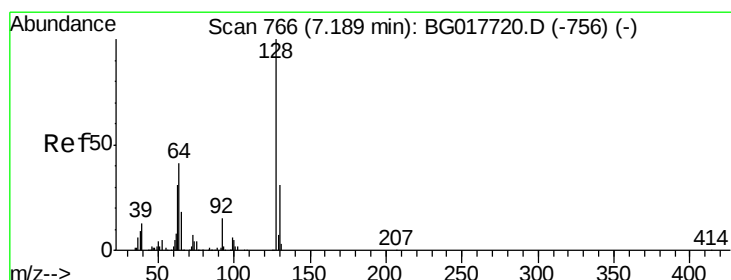
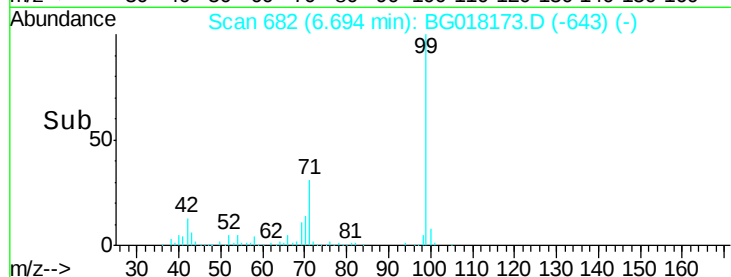
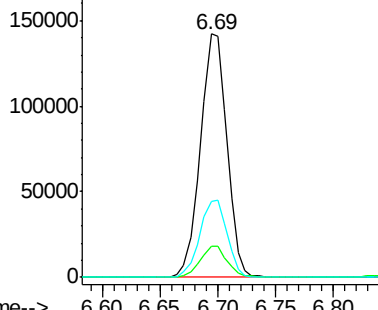
99 100

42 12.8 16.2 24.4#

71 31.4 29.5 44.3



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: 37.46 ng

RT: 7.07 min Scan# 746

Delta R.T. -0.08 min

Lab File: BG018173.D

Acq: 30 Jul 2015 13:17

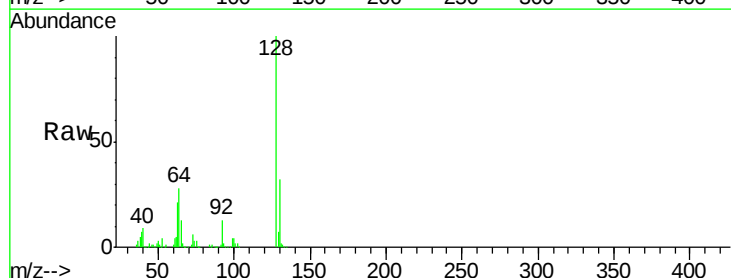
Tgt Ion: 128 Resp: 113078

Ion Ratio Lower Upper

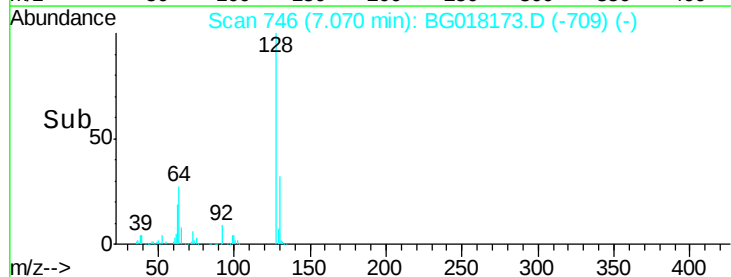
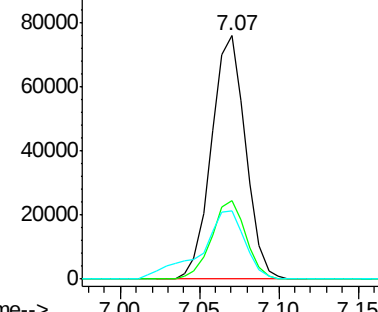
128 100

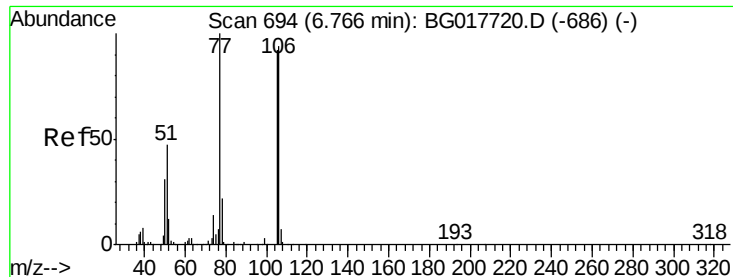
130 32.3 11.1 51.1

64 28.0 21.4 61.4



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: 27.95 ng

RT: 6.65 min Scan# 674

Delta R.T. -0.09 min

Lab File: BG018173.D

Acq: 30 Jul 2015 13:17

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

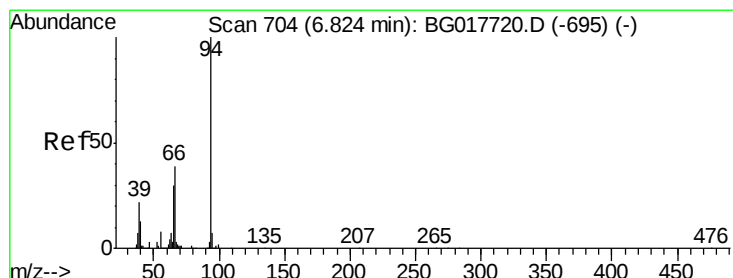
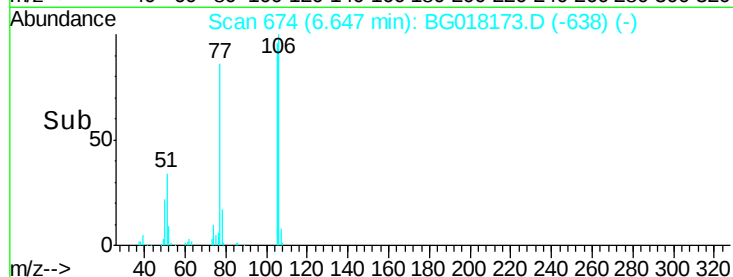
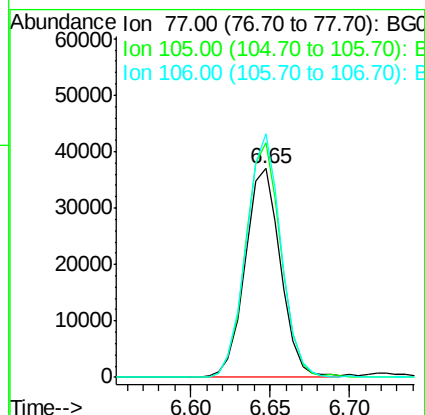
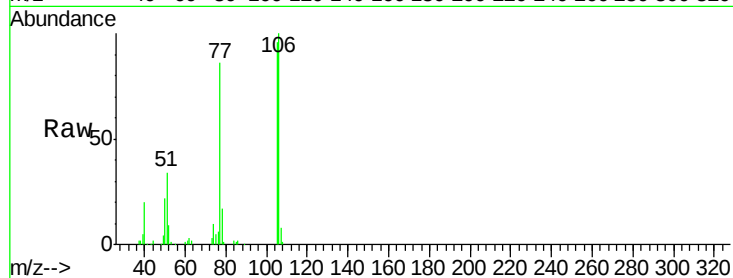
Tgt Ion: 77 Resp: 57442

Ion Ratio Lower Upper

77 100

105 112.4 71.8 111.8#

106 116.8 74.5 114.5#



#10

Phenol

Concen: 32.14 ng

RT: 6.72 min Scan# 687

Delta R.T. -0.07 min

Lab File: BG018173.D

Acq: 30 Jul 2015 13:17

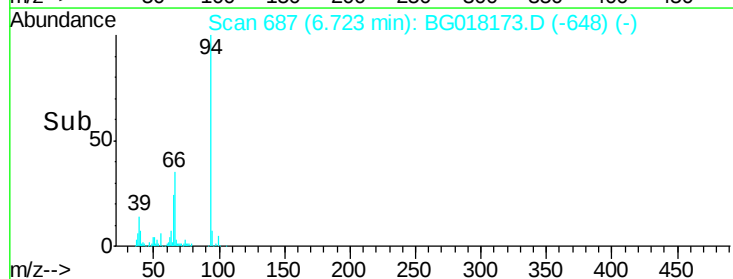
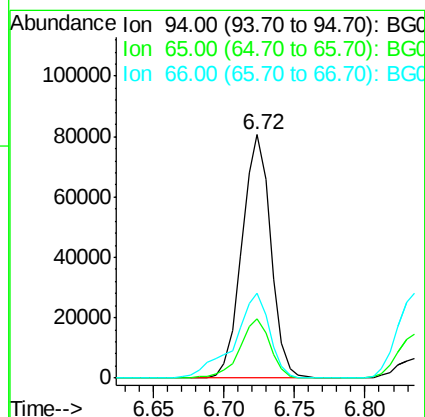
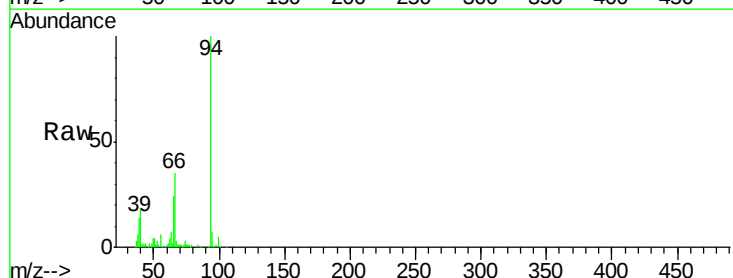
Tgt Ion: 94 Resp: 115075

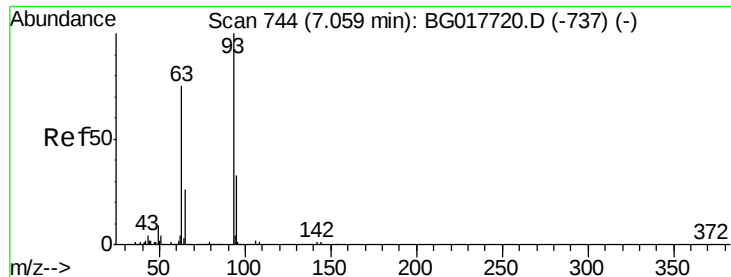
Ion Ratio Lower Upper

94 100

65 24.2 9.9 49.9

66 35.0 19.4 59.4

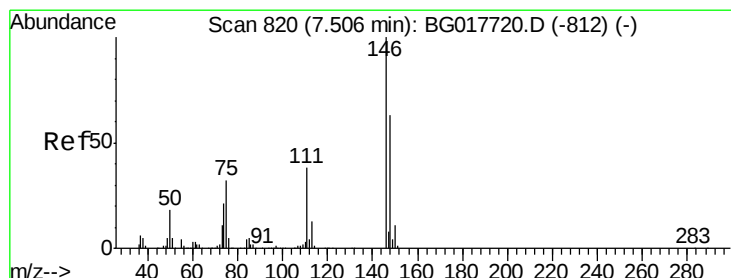
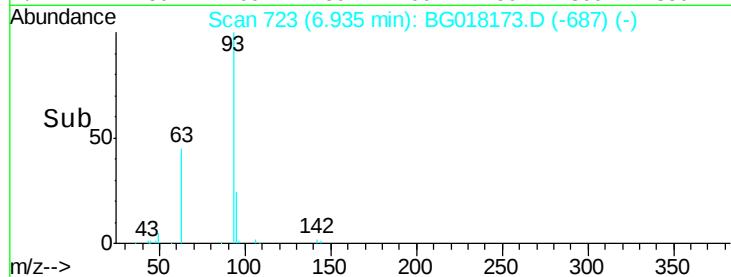
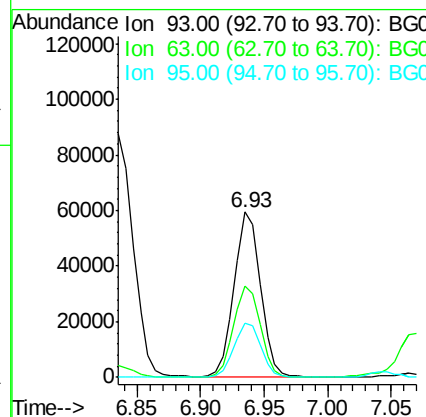
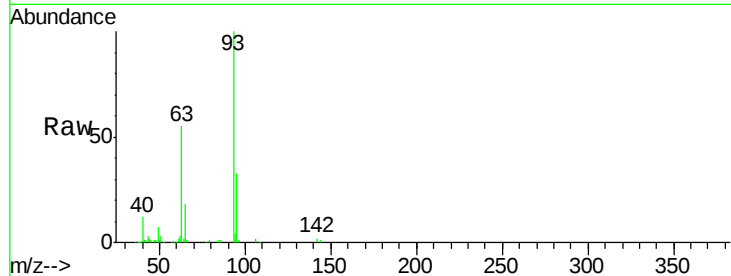




#11  
 bis(2-Chloroethyl)ether  
 Concen: 30.71 ng  
 RT: 6.93 min Scan# 723  
 Delta R.T. -0.09 min  
 Lab File: BG018173.D  
 Acq: 30 Jul 2015 13:17

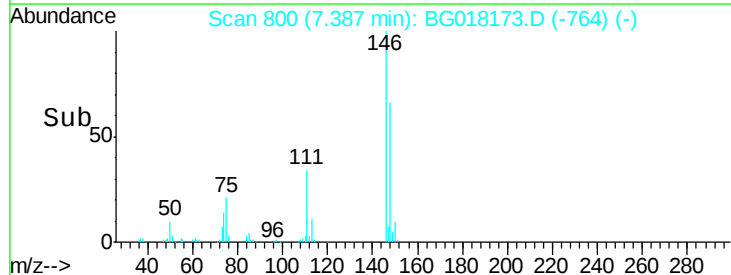
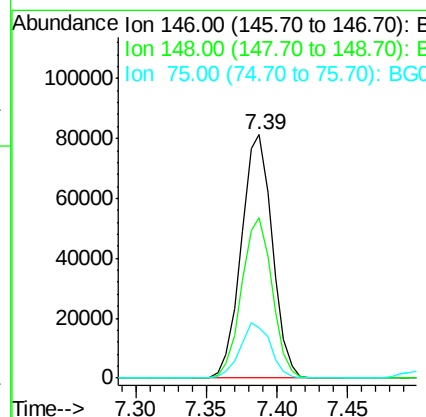
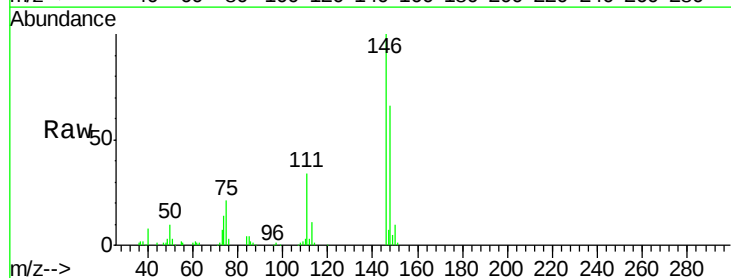
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 55.3  | 54.7  | 94.7  |
| 95      | 32.7  | 13.2  | 53.2  |



#12  
 1,3-Dichlorobenzene  
 Concen: 37.57 ng  
 RT: 7.39 min Scan# 800  
 Delta R.T. -0.09 min  
 Lab File: BG018173.D  
 Acq: 30 Jul 2015 13:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.1  | 50.8  | 76.2  |
| 75      | 20.9  | 25.8  | 38.6  |

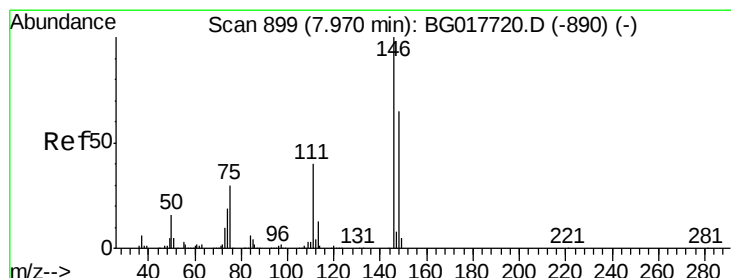
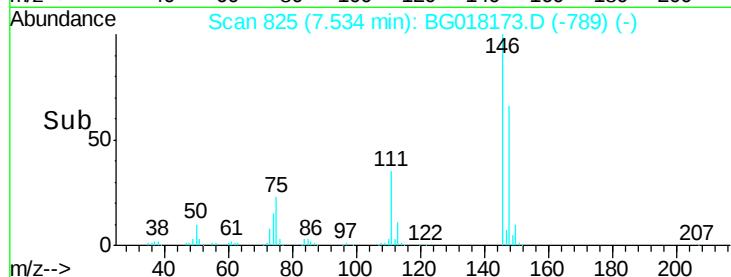
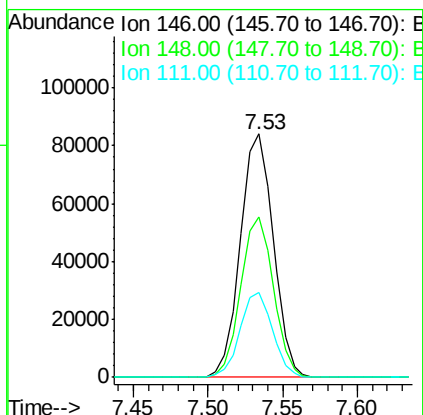
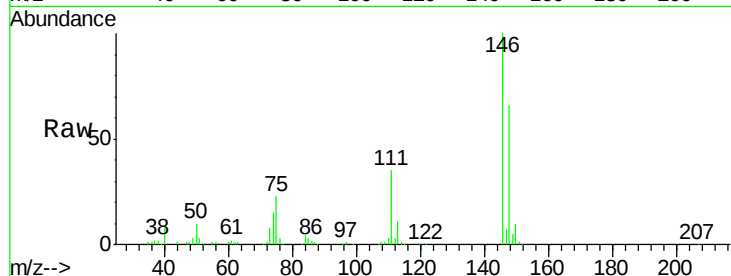




#13  
 1,4-Dichlorobenzene  
 Concen: 37.92 ng  
 RT: 7.53 min Scan# 825  
 Delta R.T. -0.09 min  
 Lab File: BG018173.D  
 Acq: 30 Jul 2015 13:17

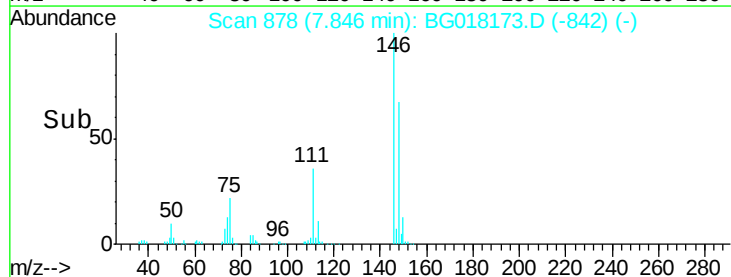
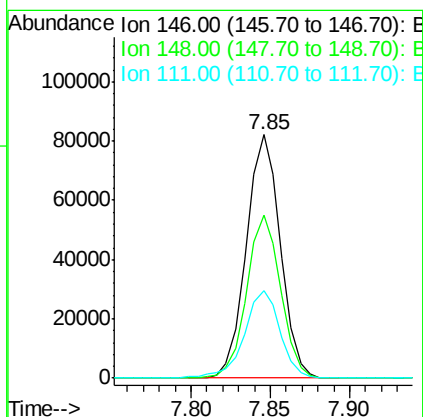
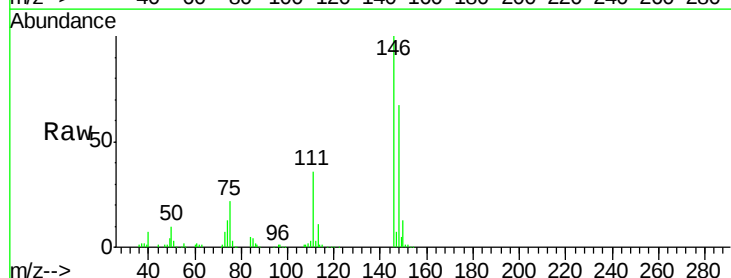
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

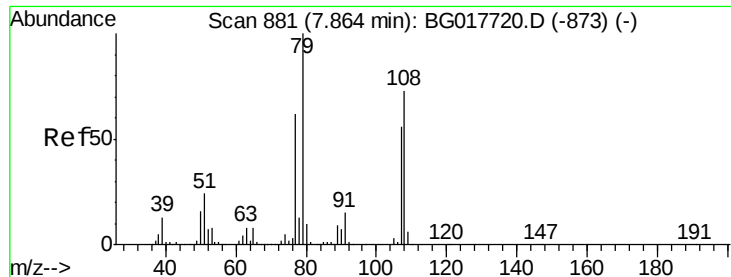
Tgt Ion:146 Resp: 128875  
 Ion Ratio Lower Upper  
 146 100  
 148 66.0 51.8 77.6  
 111 34.8 31.0 46.4



#14  
 1,2-Dichlorobenzene  
 Concen: 37.61 ng  
 RT: 7.85 min Scan# 878  
 Delta R.T. -0.09 min  
 Lab File: BG018173.D  
 Acq: 30 Jul 2015 13:17

Tgt Ion:146 Resp: 122117  
 Ion Ratio Lower Upper  
 146 100  
 148 67.0 52.2 78.4  
 111 35.9 32.3 48.5





#15

Benzyl Alcohol

Concen: 34.01 ng

RT: 7.75 min Scan# 861

Delta R.T. -0.08 min

Lab File: BG018173.D

Acq: 30 Jul 2015 13:17

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

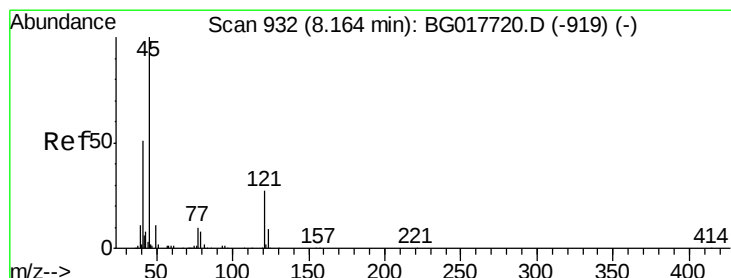
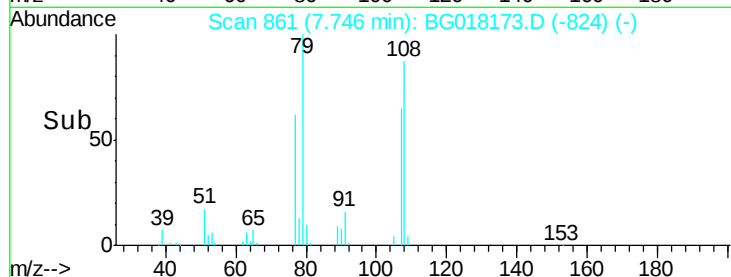
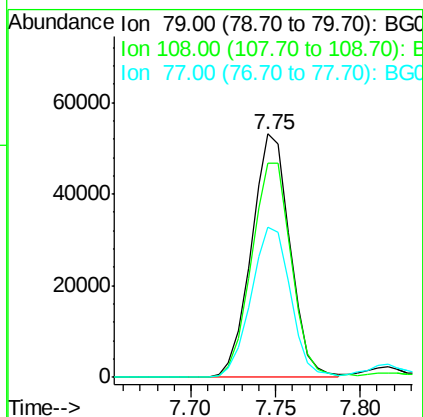
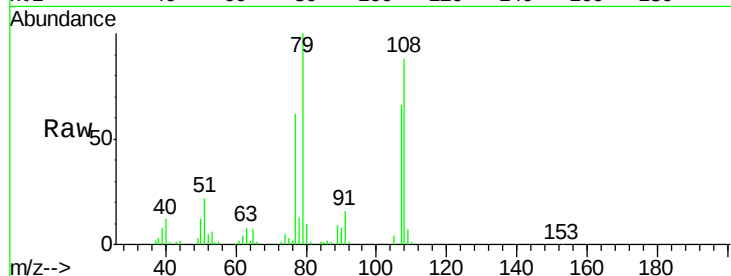
Tgt Ion: 79 Resp: 84391

Ion Ratio Lower Upper

79 100

108 88.0 58.4 87.6#

77 61.5 49.9 74.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 20.17 ng

RT: 8.04 min Scan# 911

Delta R.T. -0.08 min

Lab File: BG018173.D

Acq: 30 Jul 2015 13:17

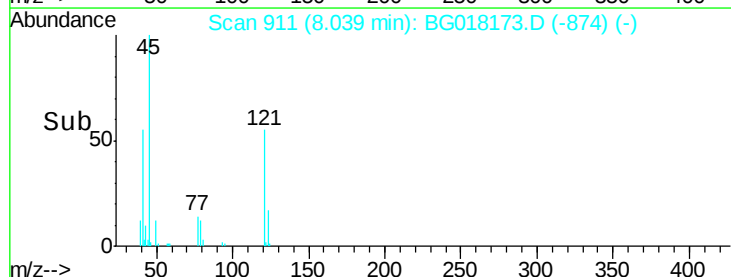
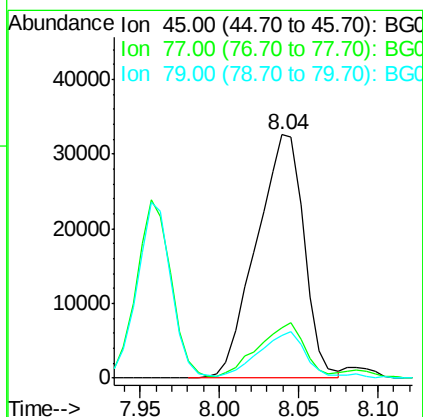
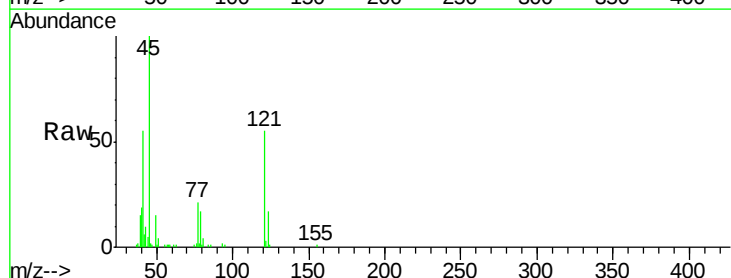
Tgt Ion: 45 Resp: 68052

Ion Ratio Lower Upper

45 100

77 20.9 0.0 33.9

79 17.5 0.0 31.4





#17

2-Methylphenol

Concen: 35.54 ng

RT: 7.96 min Scan# 897

Delta R.T. -0.07 min

Lab File: BG018173.D

Acq: 30 Jul 2015 13:17

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 88726

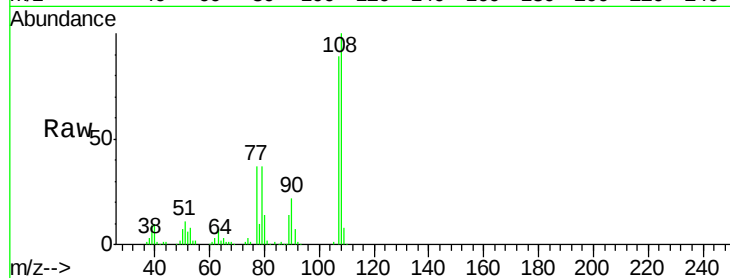
Ion Ratio Lower Upper

107 100

108 112.8 89.3 133.9

77 41.8 36.9 55.3

79 41.3 37.6 56.4

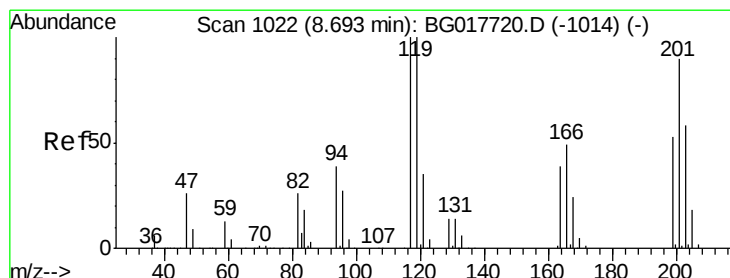
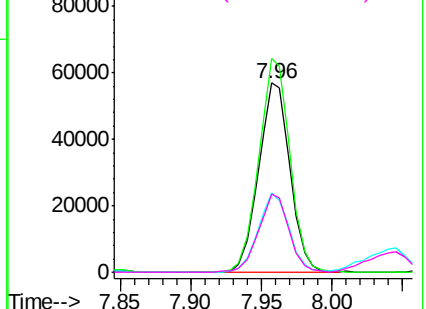
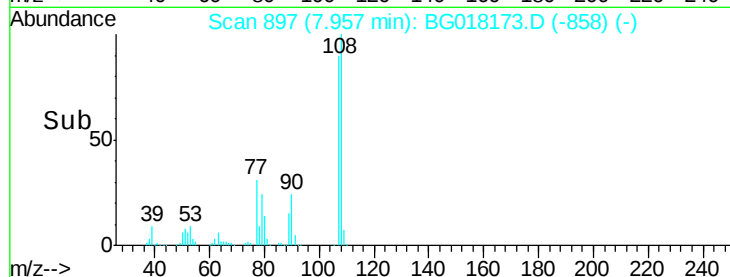


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 33.48 ng

RT: 8.56 min Scan# 1000

Delta R.T. -0.09 min

Lab File: BG018173.D

Acq: 30 Jul 2015 13:17

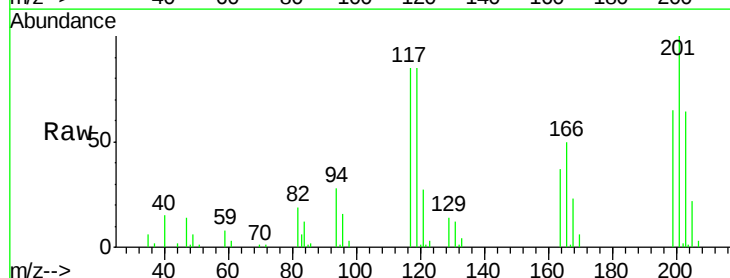
Tgt Ion:117 Resp: 42970

Ion Ratio Lower Upper

117 100

119 100.8 80.1 120.1

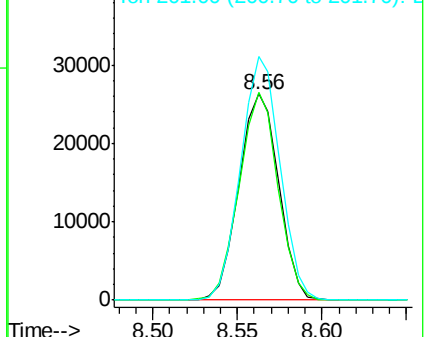
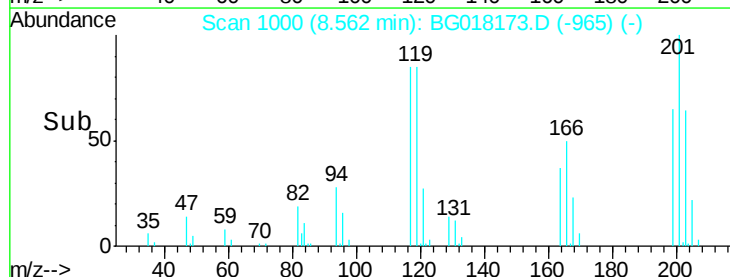
201 118.2 71.9 107.9#

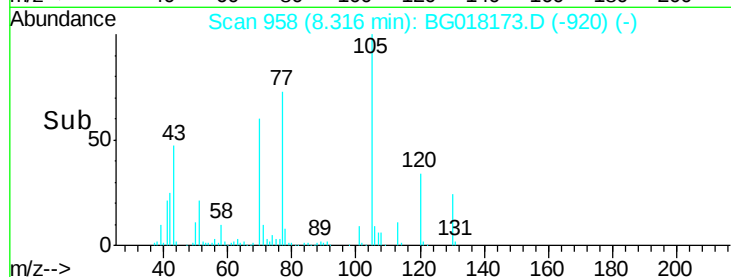
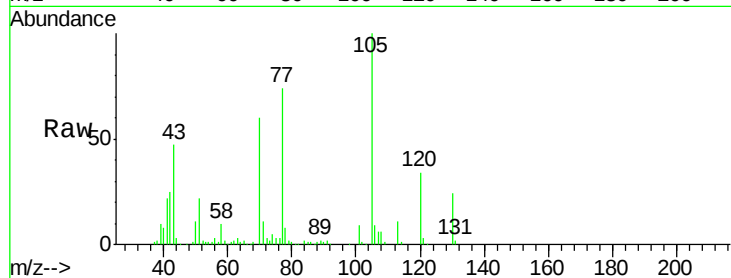
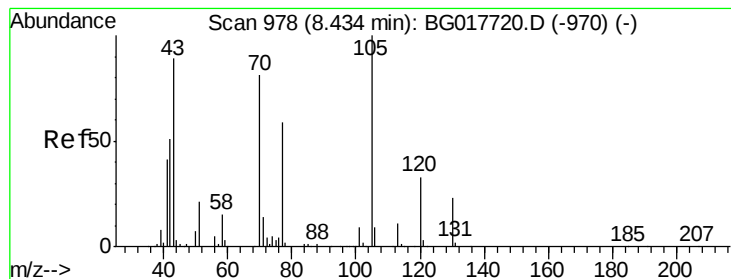


Abundance Ion 117.00 (116.70 to 117.70): E

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: 29.99 ng

RT: 8.32 min Scan# 958

Delta R.T. -0.08 min

Lab File: BG018173.D

Acq: 30 Jul 2015 13:17

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 73475

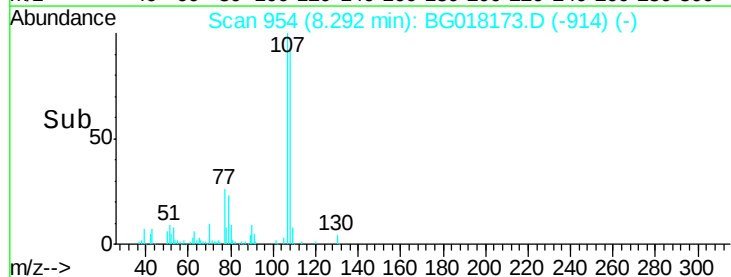
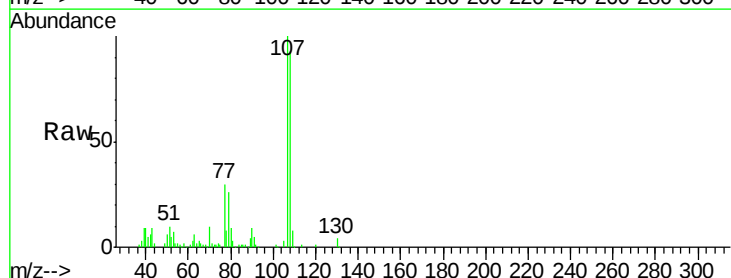
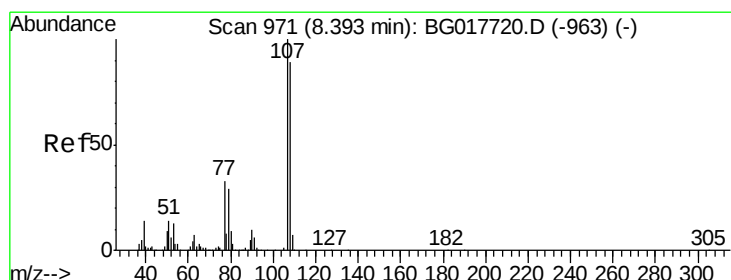
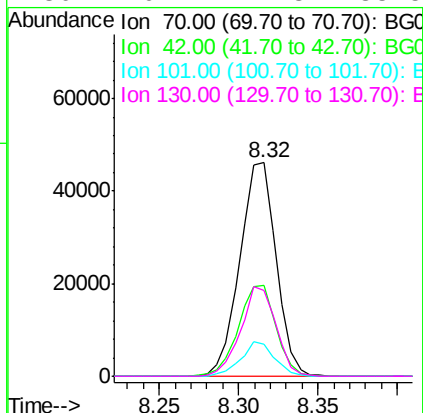
Ion Ratio Lower Upper

70 100

42 42.7 50.8 76.2#

101 15.1 8.7 13.1#

130 40.1 22.3 33.5#



#20

3+4-Methylphenols

Concen: 36.60 ng

RT: 8.29 min Scan# 954

Delta R.T. -0.07 min

Lab File: BG018173.D

Acq: 30 Jul 2015 13:17

Tgt Ion: 107 Resp: 123674

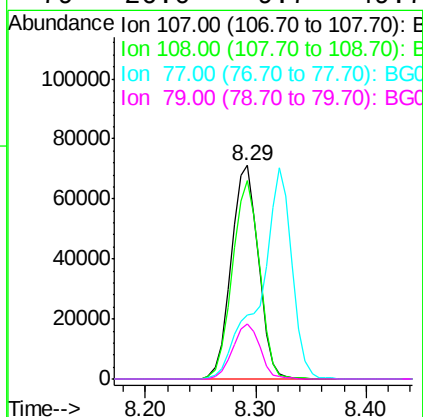
Ion Ratio Lower Upper

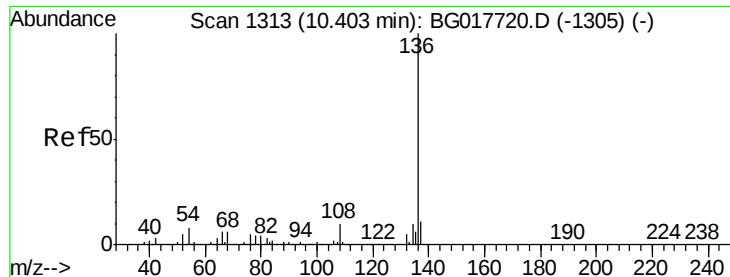
107 100

108 92.6 69.6 109.6

77 30.0 13.0 53.0

79 26.0 9.7 49.7

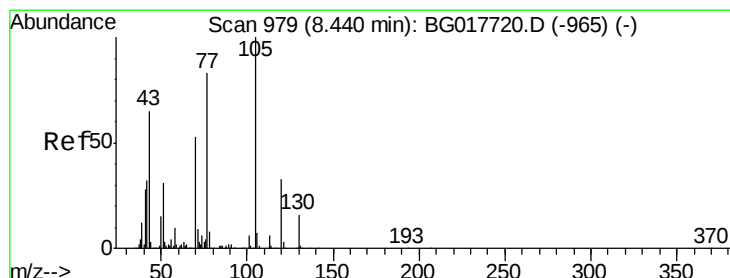
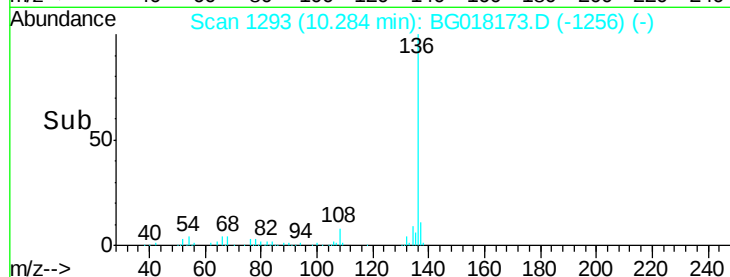
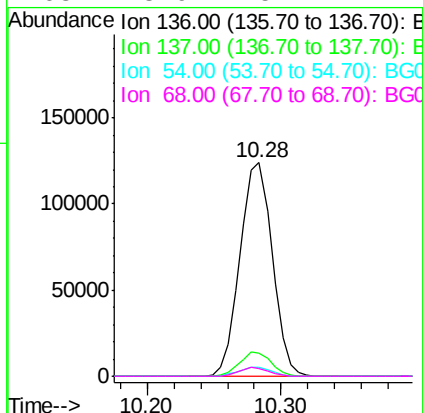
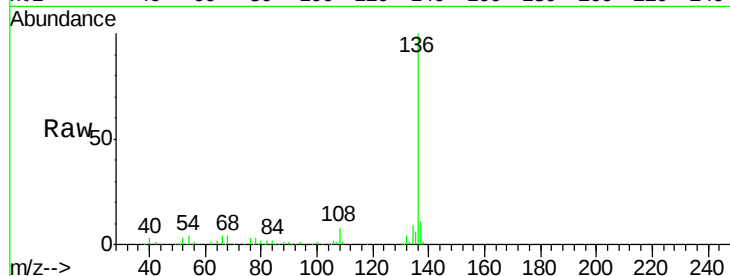




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.28 min Scan# 1293  
Delta R.T. -0.08 min  
Lab File: BG018173.D  
Acq: 30 Jul 2015 13:17

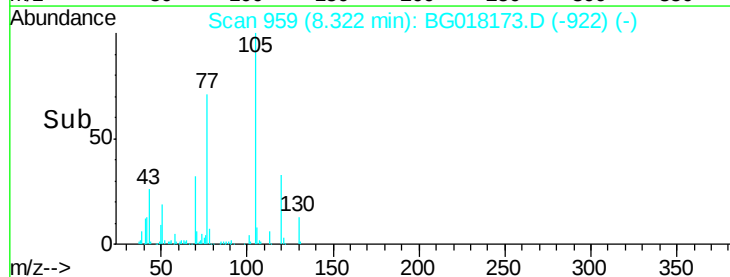
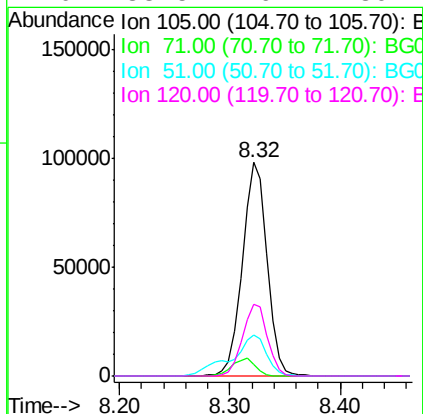
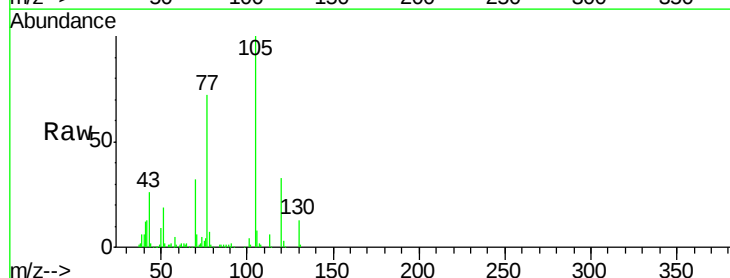
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

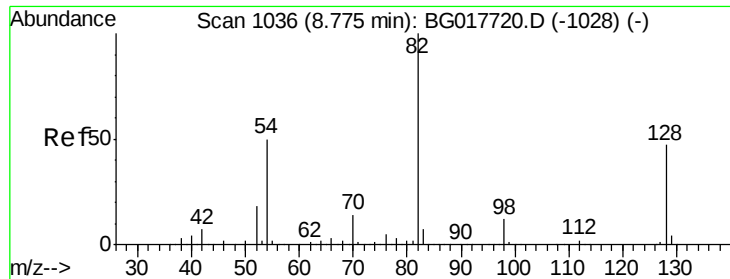
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 207794 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.8  | 8.8   | 13.2   |
| 54       | 4.3   | 6.6   | 9.8#   |
| 68       | 3.9   | 5.1   | 7.7#   |



#22  
Acetophenone  
Concen: 34.28 ng  
RT: 8.32 min Scan# 959  
Delta R.T. -0.08 min  
Lab File: BG018173.D  
Acq: 30 Jul 2015 13:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 153867 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 5.6   | 7.7   | 11.5#  |
| 51       | 19.2  | 24.9  | 37.3#  |
| 120      | 33.5  | 26.2  | 39.4   |

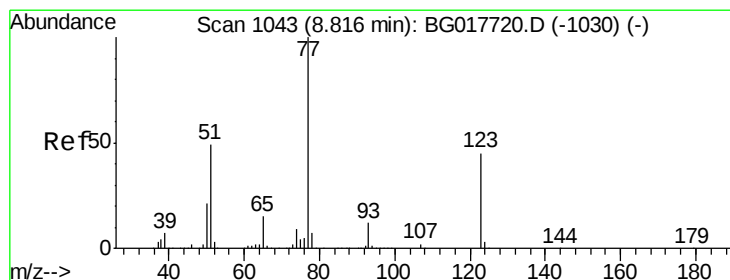
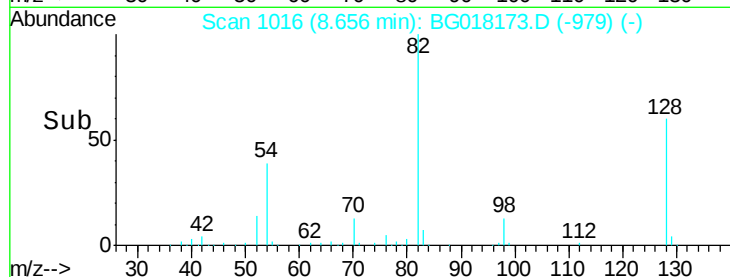
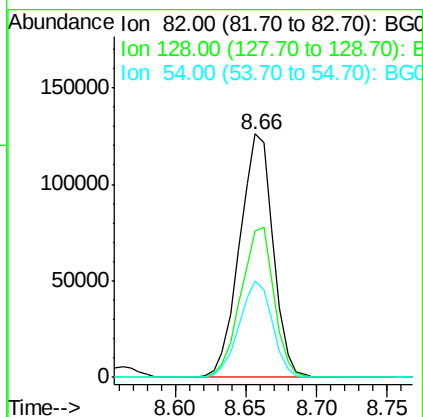
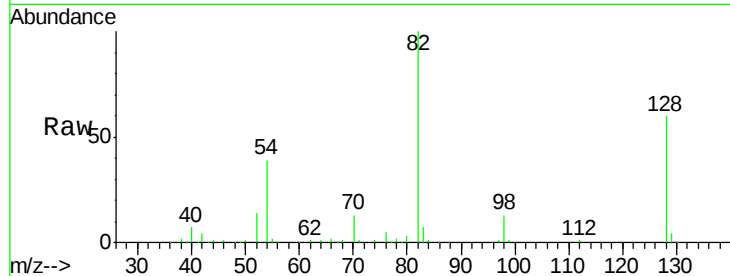




#23  
 Nitrobenzene-d5  
 Concen: 65.16 ng  
 RT: 8.66 min Scan# 1016  
 Delta R.T. -0.08 min  
 Lab File: BG018173.D  
 Acq: 30 Jul 2015 13:17

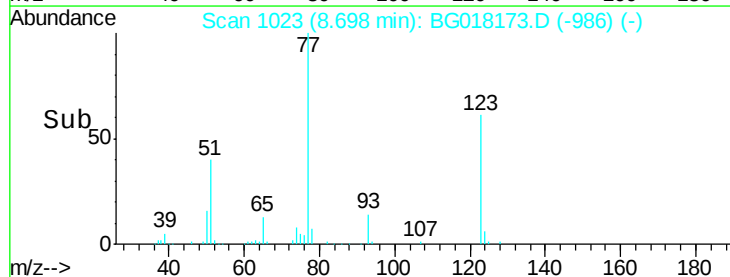
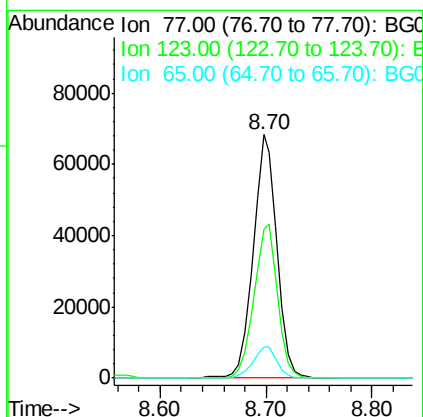
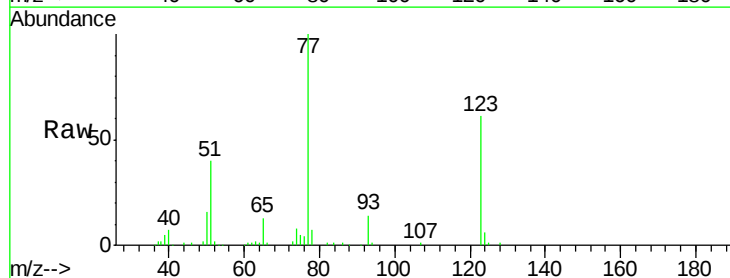
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion: 82 Resp: 209039  
 Ion Ratio Lower Upper  
 82 100  
 128 60.2 37.8 56.6#  
 54 39.5 39.9 59.9#



#24  
 Nitrobenzene  
 Concen: 31.24 ng  
 RT: 8.70 min Scan# 1023  
 Delta R.T. -0.08 min  
 Lab File: BG018173.D  
 Acq: 30 Jul 2015 13:17

Tgt Ion: 77 Resp: 106784  
 Ion Ratio Lower Upper  
 77 100  
 123 61.1 36.2 54.2#  
 65 13.0 11.7 17.5





#25

Isophorone

Concen: 32.76 ng

RT: 9.23 min Scan# 1113

Delta R.T. -0.08 min

Lab File: BG018173.D

Acq: 30 Jul 2015 13:17

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

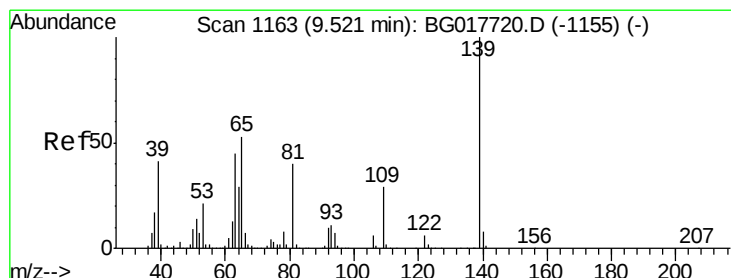
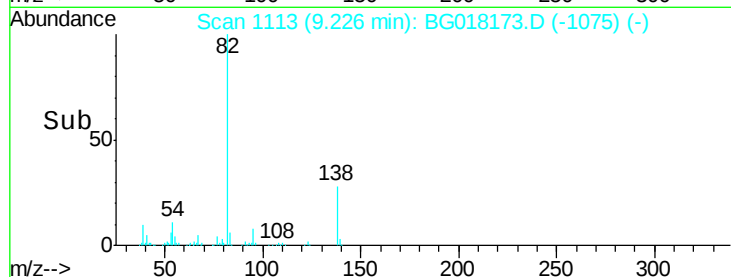
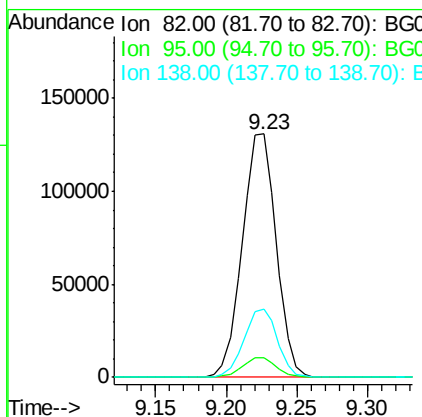
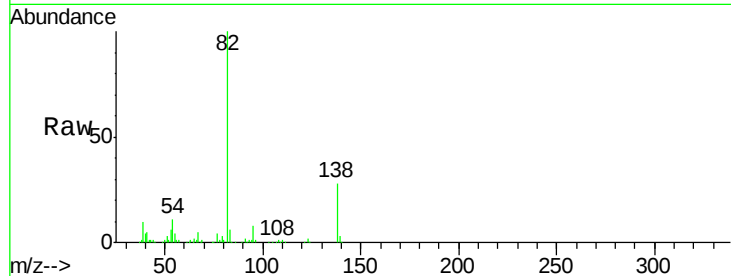
Tgt Ion: 82 Resp: 220450

Ion Ratio Lower Upper

82 100

95 7.9 5.8 8.8

138 28.2 17.0 25.6#



#26

2-Nitrophenol

Concen: 48.55 ng

RT: 9.41 min Scan# 1144

Delta R.T. -0.08 min

Lab File: BG018173.D

Acq: 30 Jul 2015 13:17

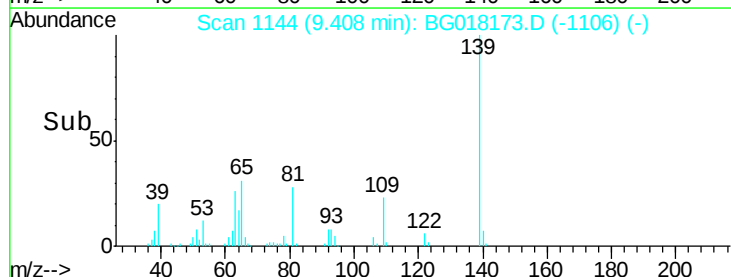
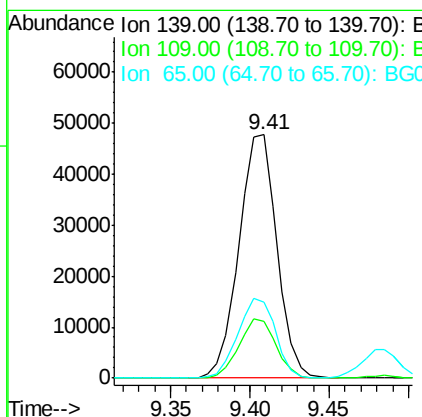
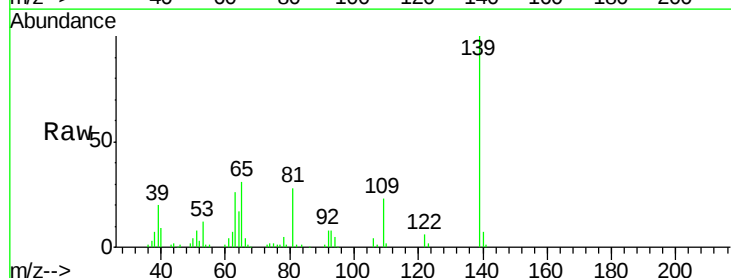
Tgt Ion: 139 Resp: 79181

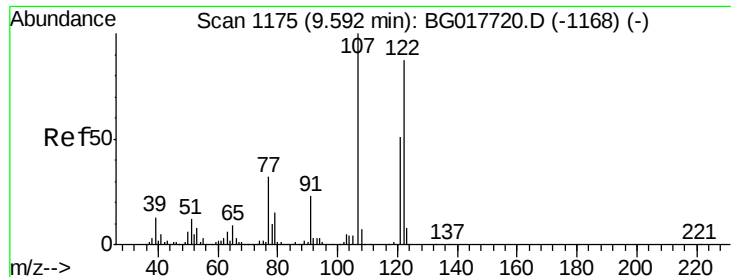
Ion Ratio Lower Upper

139 100

109 23.1 23.0 34.4

65 31.1 42.0 63.0#

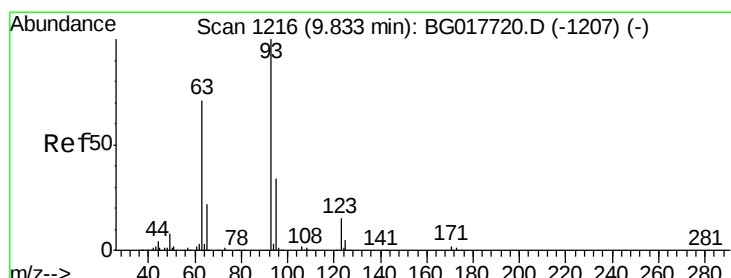
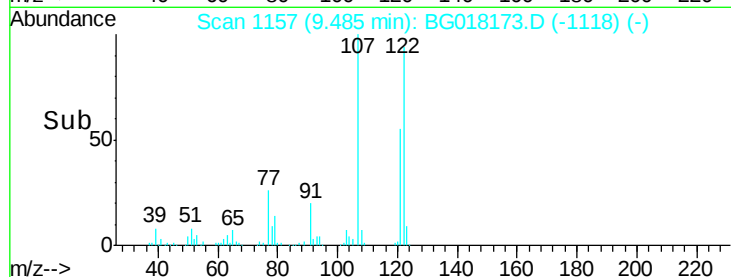
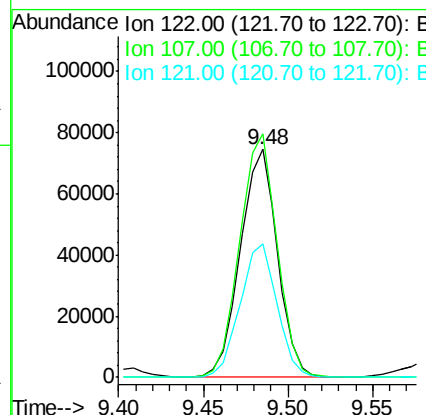
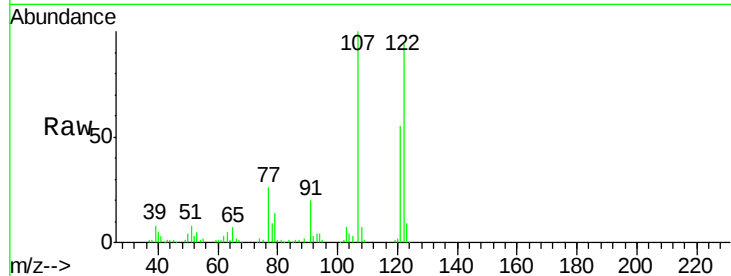




#27  
2,4-Dimethylphenol  
Concen: 38.36 ng  
RT: 9.48 min Scan# 1157  
Delta R.T. -0.07 min  
Lab File: BG018173.D  
Acq: 30 Jul 2015 13:17

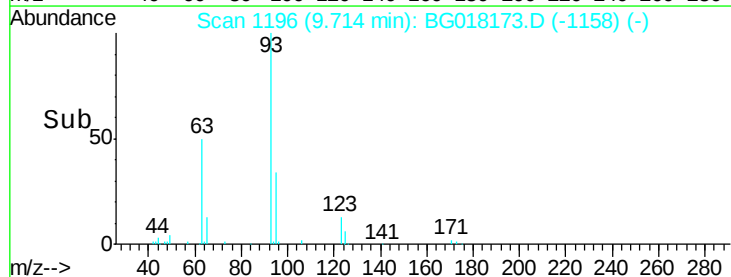
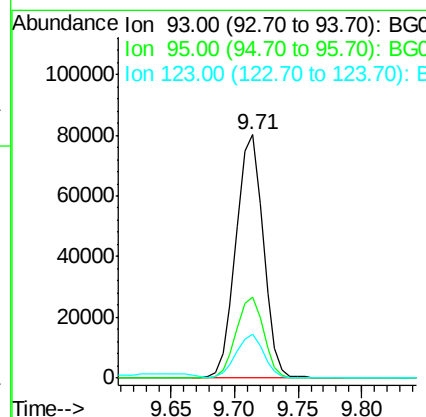
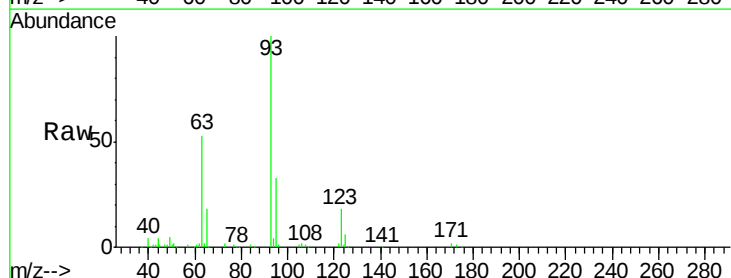
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

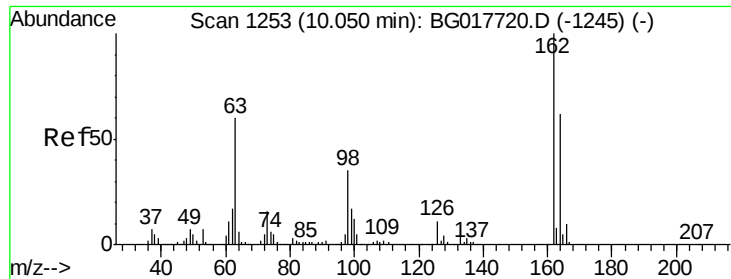
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 106.7 | 92.2  | 138.2 |
| 121     | 58.4  | 46.5  | 69.7  |



#28  
bis(2-Chloroethoxy)methane  
Concen: 31.91 ng  
RT: 9.71 min Scan# 1196  
Delta R.T. -0.08 min  
Lab File: BG018173.D  
Acq: 30 Jul 2015 13:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.5  | 26.9  | 40.3  |
| 123     | 18.3  | 12.0  | 18.0# |

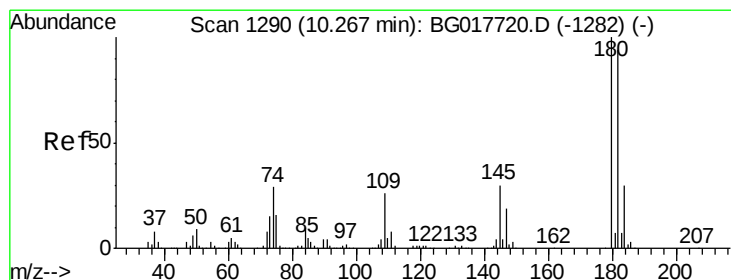
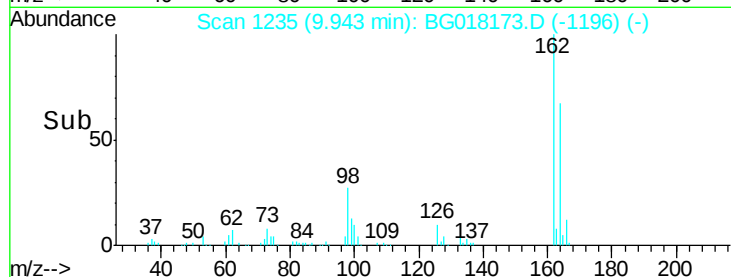
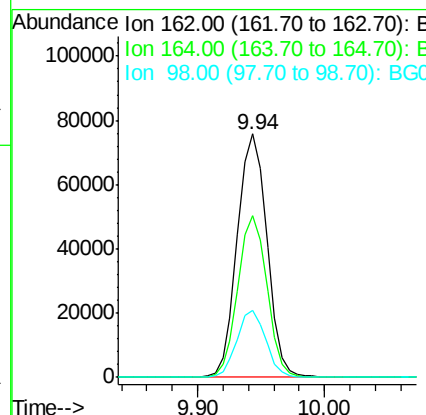
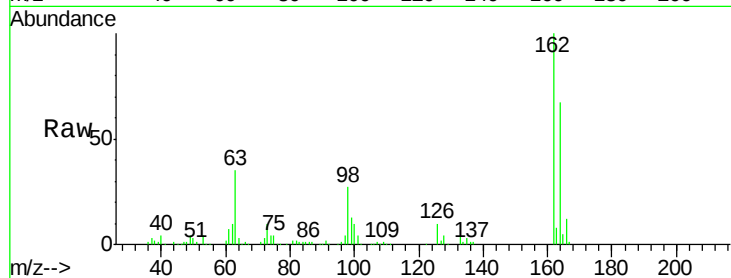




#29  
 2,4-Dichlorophenol  
 Concen: 46.46 ng  
 RT: 9.94 min Scan# 1235  
 Delta R.T. -0.07 min  
 Lab File: BG018173.D  
 Acq: 30 Jul 2015 13:17

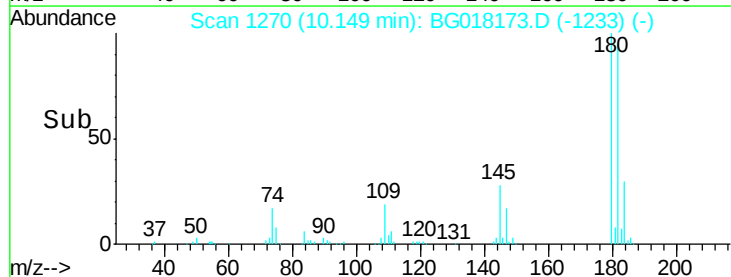
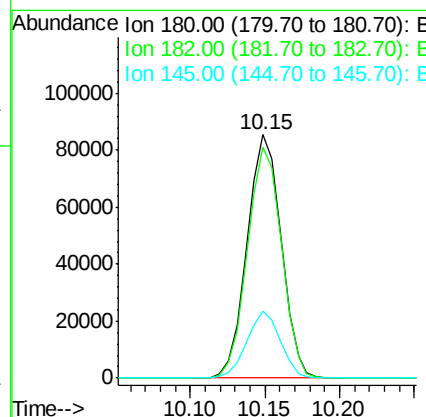
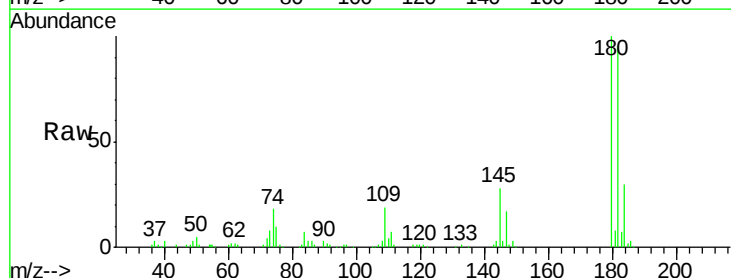
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.6  | 42.5  | 82.5  |
| 98      | 27.5  | 15.1  | 55.1  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 42.81 ng  
 RT: 10.15 min Scan# 1270  
 Delta R.T. -0.08 min  
 Lab File: BG018173.D  
 Acq: 30 Jul 2015 13:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.8  | 75.2  | 112.8 |
| 145     | 27.7  | 24.1  | 36.1  |

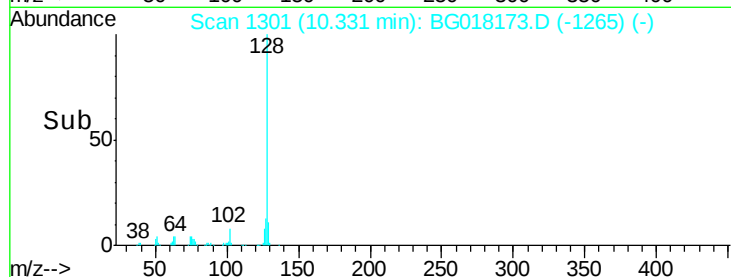
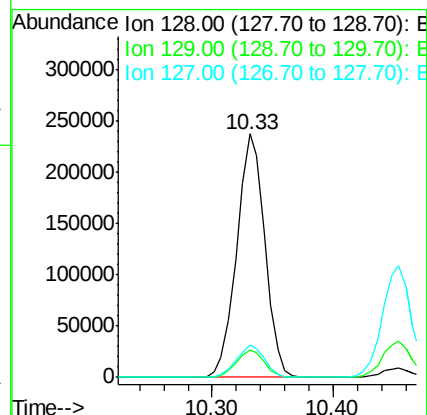
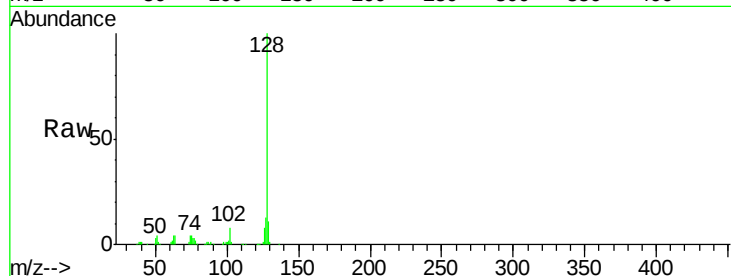




#31  
Naphthalene  
Concen: 37.77 ng  
RT: 10.33 min Scan# 1301  
Delta R.T. -0.09 min  
Lab File: BG018173.D  
Acq: 30 Jul 2015 13:17

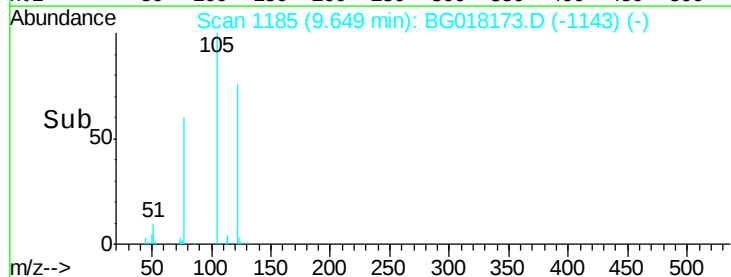
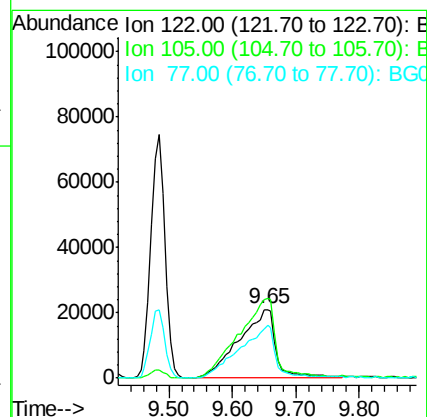
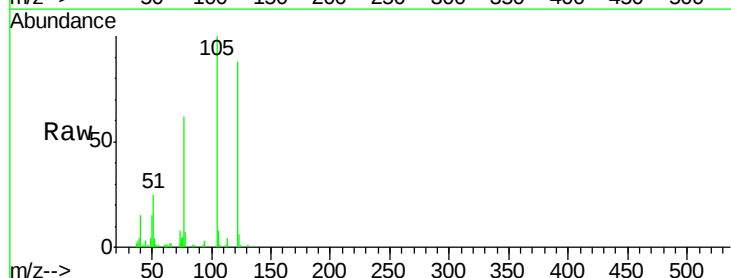
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:128 Resp: 384133  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.0 13.6  
127 13.3 10.7 16.1



#32  
Benzoic acid  
Concen: 60.82 ng  
RT: 9.65 min Scan# 1185  
Delta R.T. -0.05 min  
Lab File: BG018173.D  
Acq: 30 Jul 2015 13:17

Tgt Ion:122 Resp: 86678  
Ion Ratio Lower Upper  
122 100  
105 114.3 111.3 151.3  
77 71.3 75.2 115.2#

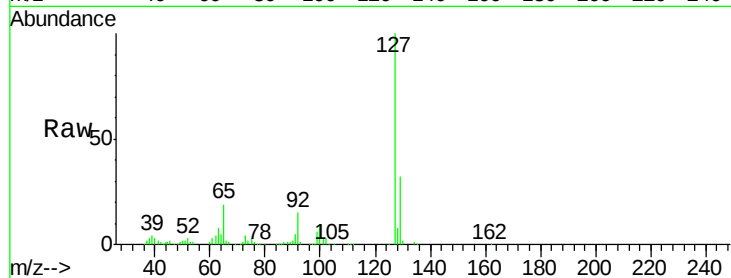




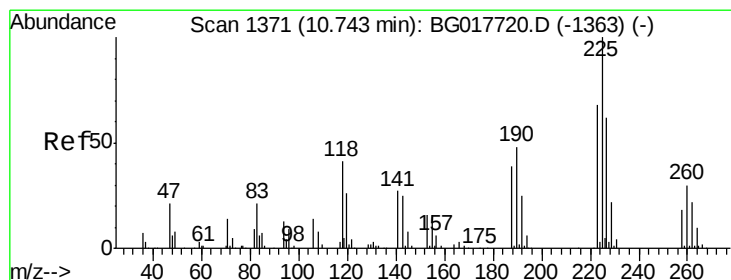
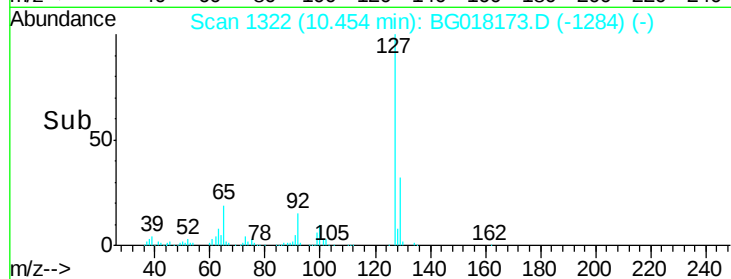
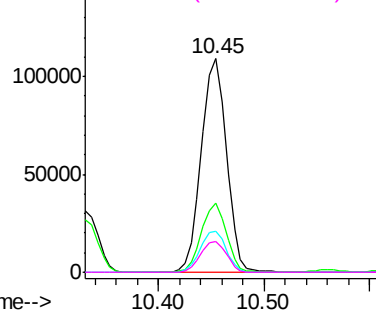
#33  
4-Chloroaniline  
Concen: 39.85 ng  
RT: 10.45 min Scan# 1322  
Delta R.T. -0.08 min  
Lab File: BG018173.D  
Acq: 30 Jul 2015 13:17

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 180646 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.5  | 26.7  | 40.1   |
| 65       | 19.4  | 24.6  | 37.0   |
| 92       | 14.6  | 14.2  | 21.4   |

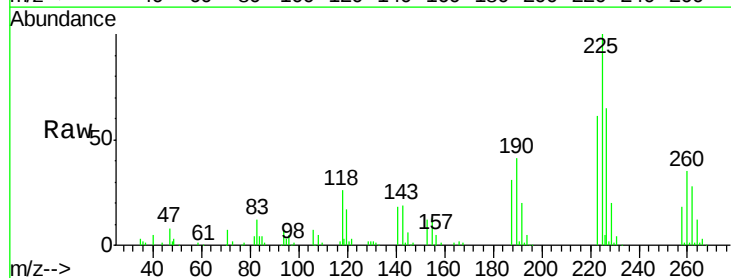


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

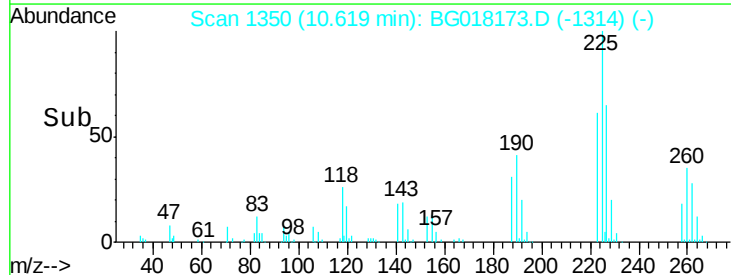
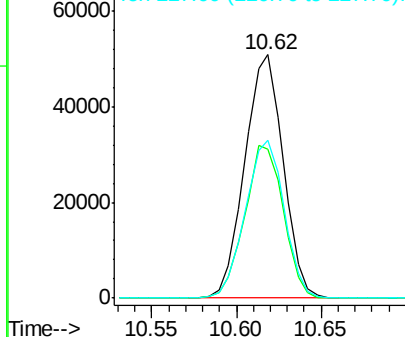


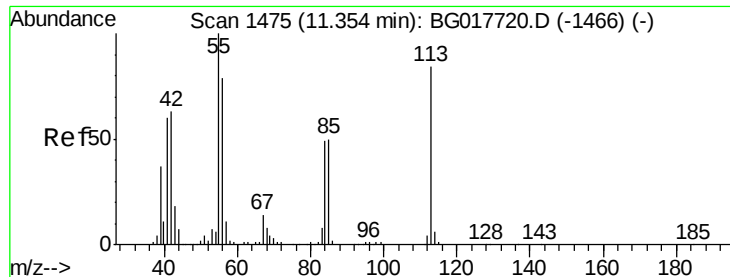
#34  
Hexachlorobutadiene  
Concen: 45.48 ng  
RT: 10.62 min Scan# 1350  
Delta R.T. -0.09 min  
Lab File: BG018173.D  
Acq: 30 Jul 2015 13:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 80469 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 61.3  | 54.3  | 81.5  |
| 227      | 64.6  | 49.4  | 74.0  |



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





#35

Caprolactam

Concen: 43.54 ng

RT: 11.25 min Scan# 1457

Delta R.T. -0.05 min

Lab File: BG018173.D

Acq: 30 Jul 2015 13:17

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

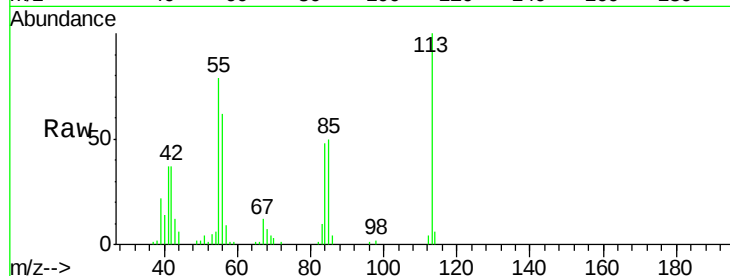
Tgt Ion:113 Resp: 58479

Ion Ratio Lower Upper

113 100

55 79.1 100.8 140.8#

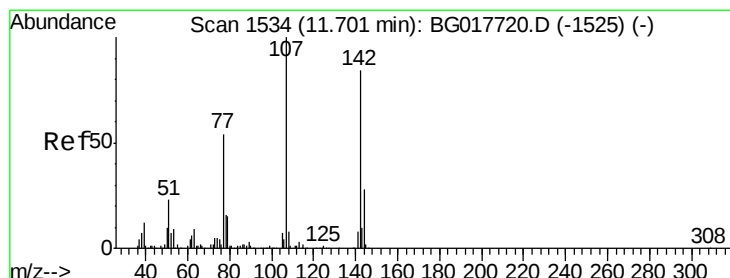
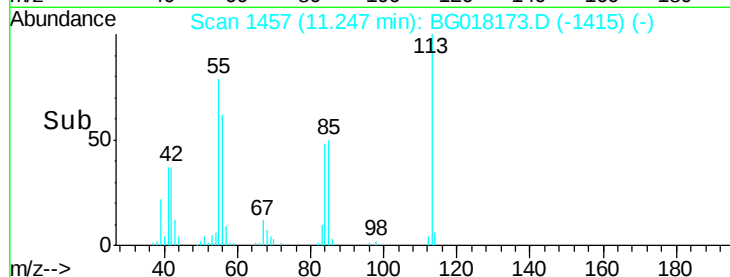
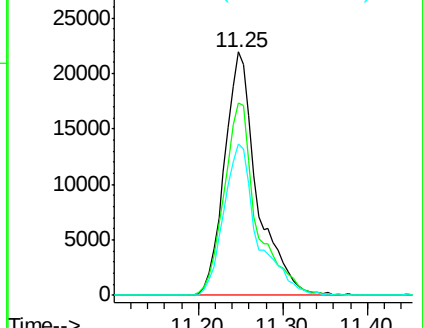
56 62.3 75.5 115.5#



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: 40.88 ng

RT: 11.61 min Scan# 1518

Delta R.T. -0.06 min

Lab File: BG018173.D

Acq: 30 Jul 2015 13:17

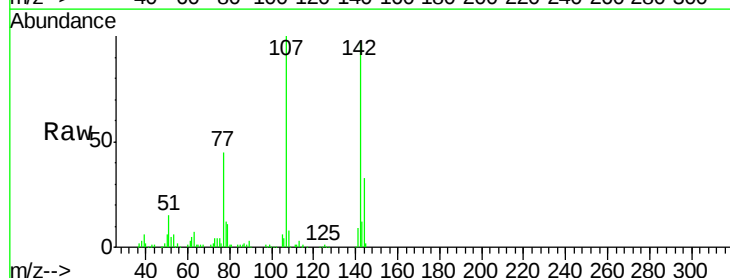
Tgt Ion:107 Resp: 122657

Ion Ratio Lower Upper

107 100

144 32.6 22.2 33.4

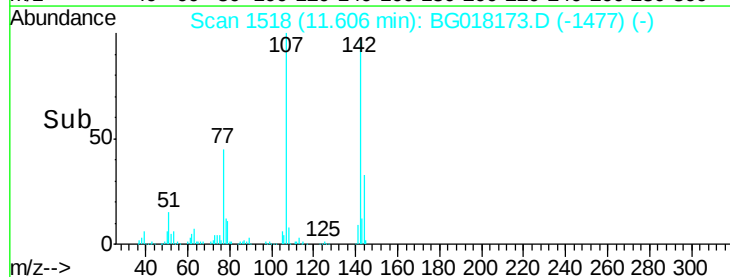
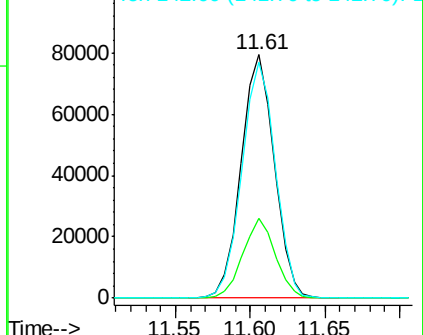
142 97.1 67.1 100.7

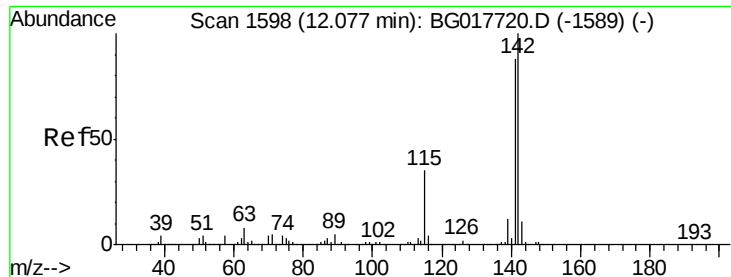


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

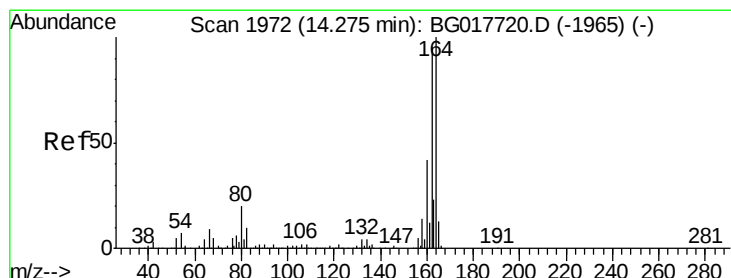
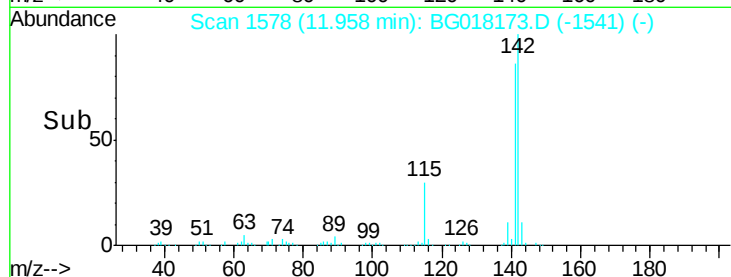
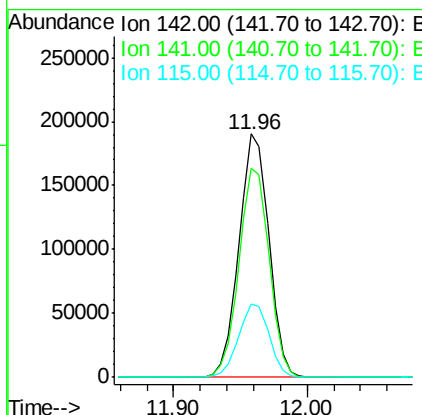
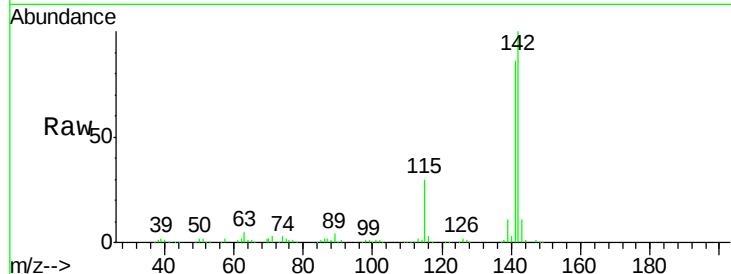




#37  
2-Methylnaphthalene  
Concen: 40.39 ng  
RT: 11.96 min Scan# 1578  
Delta R.T. -0.08 min  
Lab File: BG018173.D  
Acq: 30 Jul 2015 13:17

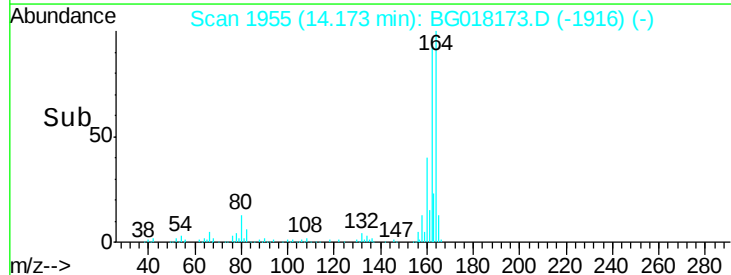
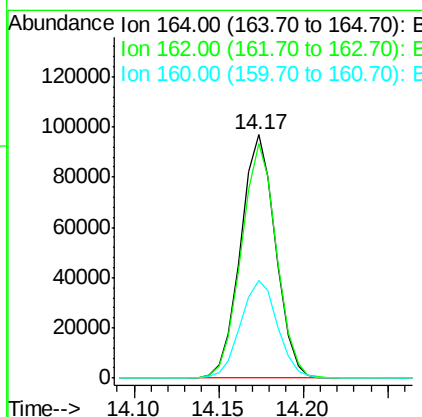
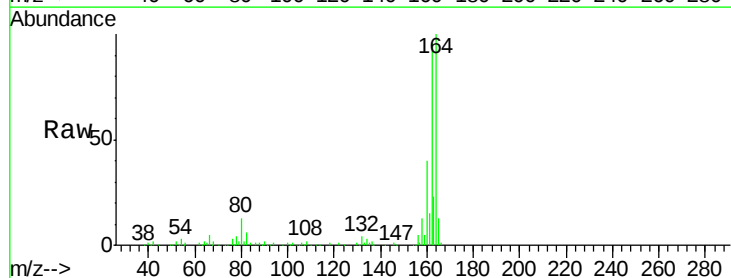
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:142 Resp: 294819  
Ion Ratio Lower Upper  
142 100  
141 85.9 70.7 106.1  
115 30.3 27.8 41.8



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.17 min Scan# 1955  
Delta R.T. -0.07 min  
Lab File: BG018173.D  
Acq: 30 Jul 2015 13:17

Tgt Ion:164 Resp: 139344  
Ion Ratio Lower Upper  
164 100  
162 96.4 76.3 114.5  
160 40.3 33.7 50.5

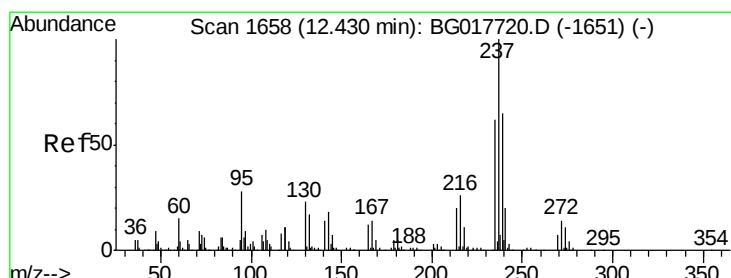
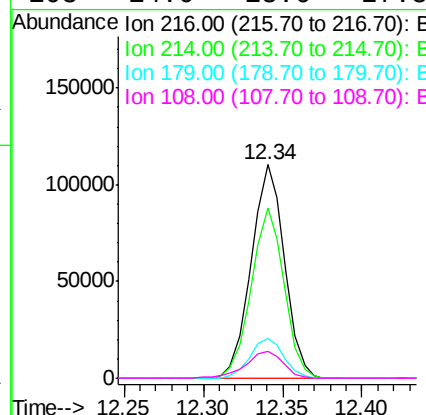
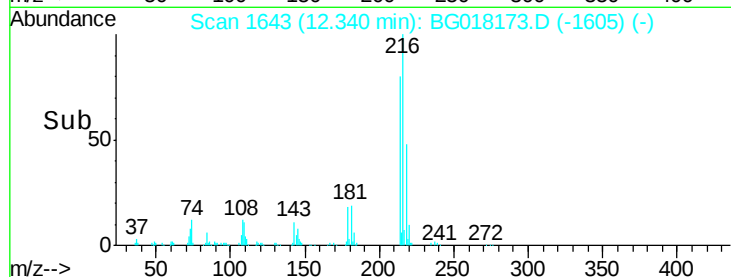
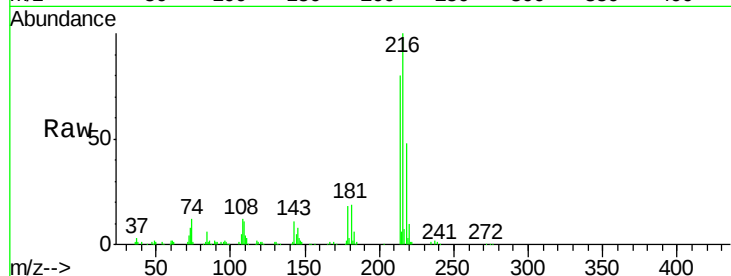




#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 42.91 ng  
 RT: 12.34 min Scan# 1643  
 Delta R.T. -0.08 min  
 Lab File: BG018173.D  
 Acq: 30 Jul 2015 13:17

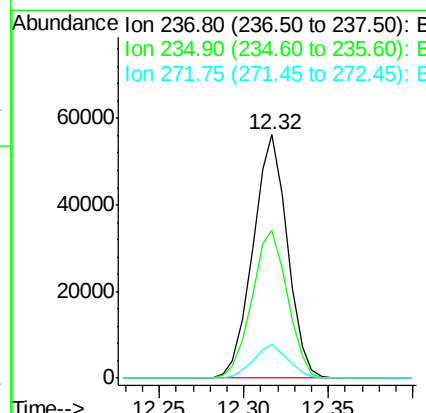
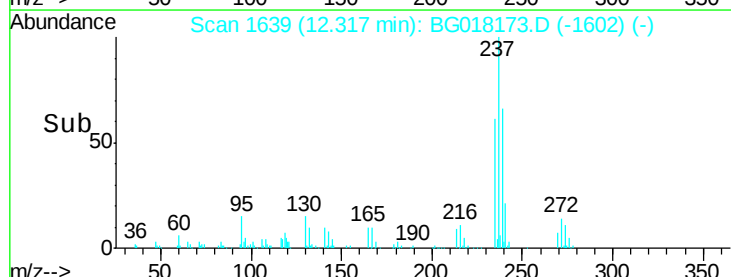
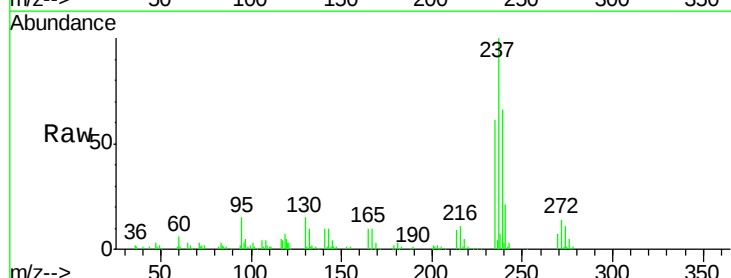
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

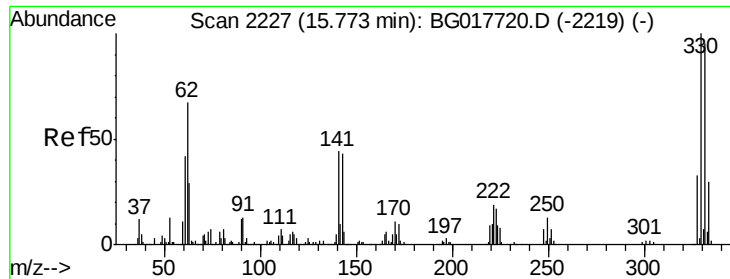
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 160283 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 78.6  | 64.5  | 96.7   |
| 179      | 19.0  | 16.7  | 25.1   |
| 108      | 14.0  | 18.6  | 27.8#  |



#40  
 Hexachlorocyclopentadiene  
 Concen: 39.04 ng  
 RT: 12.32 min Scan# 1639  
 Delta R.T. -0.08 min  
 Lab File: BG018173.D  
 Acq: 30 Jul 2015 13:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 79519 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 60.7  | 42.2  | 82.2  |
| 272      | 14.0  | 0.0   | 33.9  |

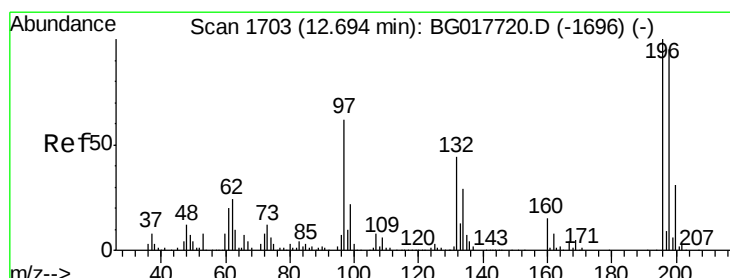
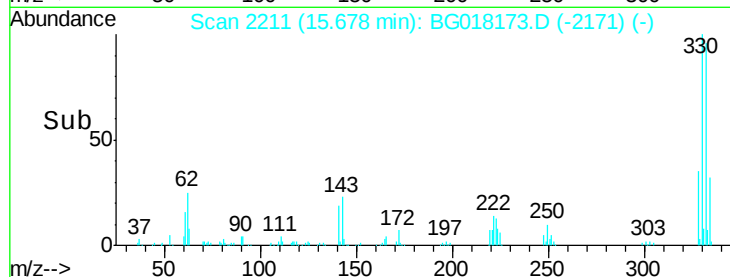
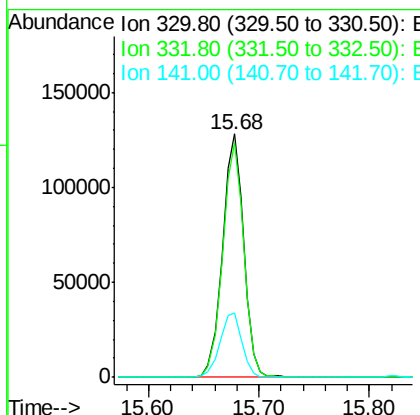
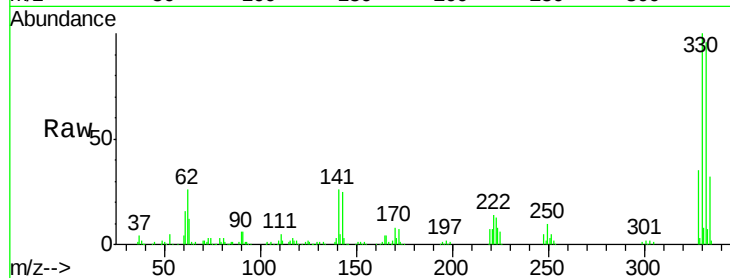




#41  
 2,4,6-Tribromophenol  
 Concen: 121.53 ng  
 RT: 15.68 min Scan# 2211  
 Delta R.T. -0.07 min  
 Lab File: BG018173.D  
 Acq: 30 Jul 2015 13:17

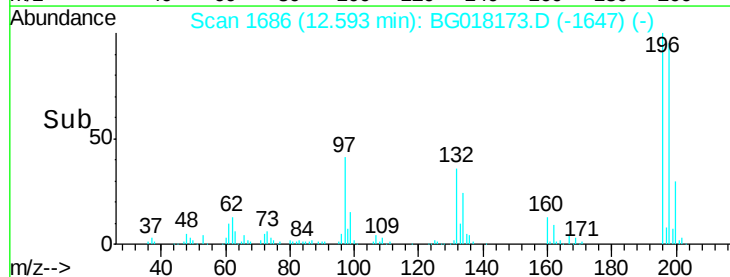
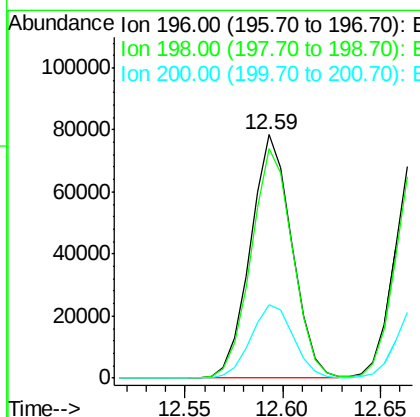
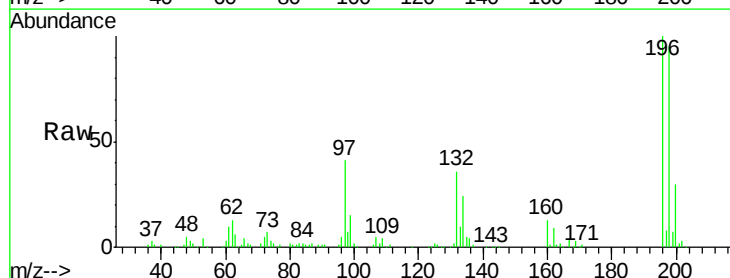
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:330 Resp: 171572  
 Ion Ratio Lower Upper  
 330 100  
 332 95.9 76.8 115.2  
 141 27.3 38.0 57.0#



#42  
 2,4,6-Trichlorophenol  
 Concen: 47.43 ng  
 RT: 12.59 min Scan# 1686  
 Delta R.T. -0.07 min  
 Lab File: BG018173.D  
 Acq: 30 Jul 2015 13:17

Tgt Ion:196 Resp: 115210  
 Ion Ratio Lower Upper  
 196 100  
 198 94.5 76.2 114.4  
 200 30.3 24.6 36.8

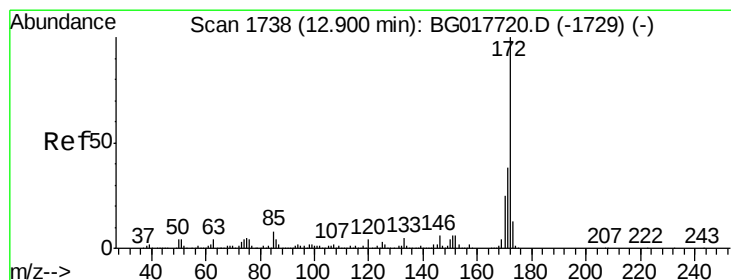
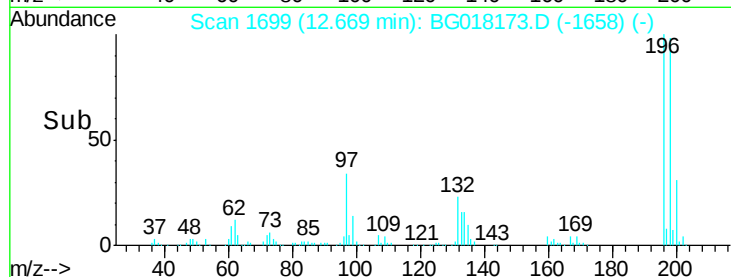
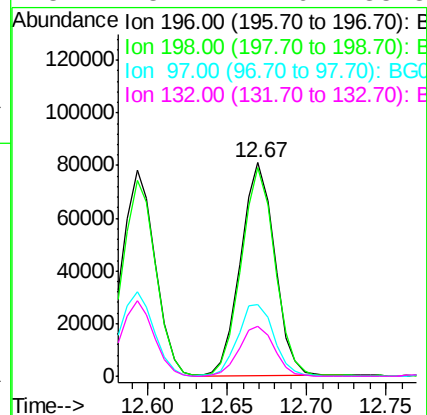
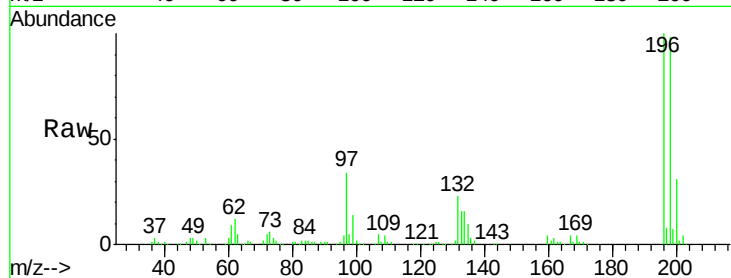




#43  
 2,4,5-Trichlorophenol  
 Concen: 47.87 ng  
 RT: 12.67 min Scan# 1699  
 Delta R.T. -0.06 min  
 Lab File: BG018173.D  
 Acq: 30 Jul 2015 13:17

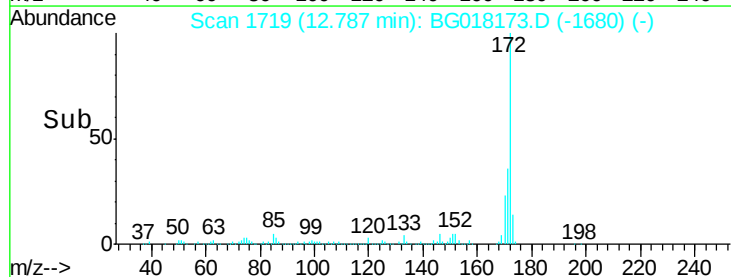
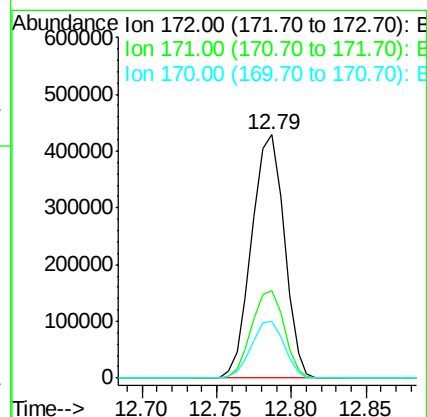
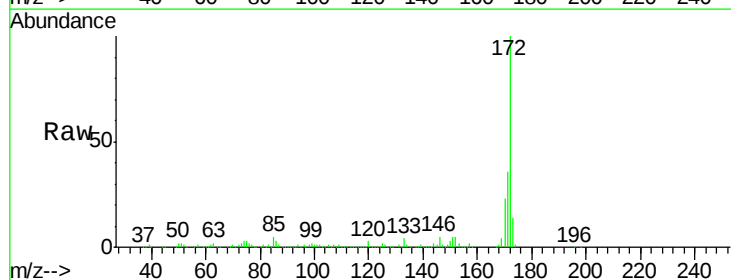
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

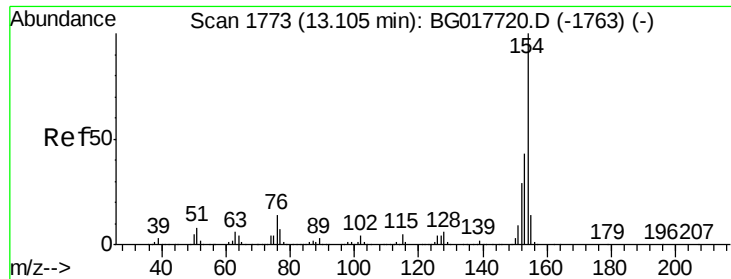
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 97.6  | 78.1  | 117.1 |
| 97      | 33.8  | 42.6  | 64.0  |
| 132     | 23.1  | 22.6  | 33.8  |



#44  
 2-Fluorobiphenyl  
 Concen: 80.56 ng  
 RT: 12.79 min Scan# 1719  
 Delta R.T. -0.07 min  
 Lab File: BG018173.D  
 Acq: 30 Jul 2015 13:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.8  | 30.7  | 46.1  |
| 170     | 23.5  | 19.7  | 29.5  |

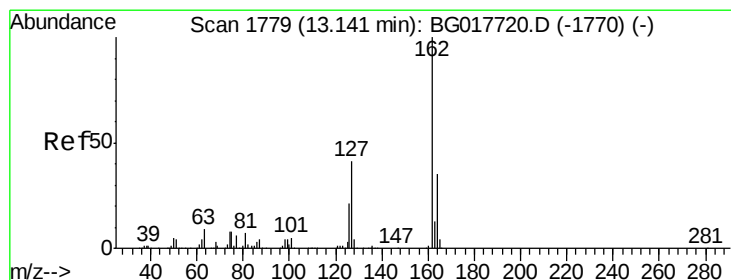
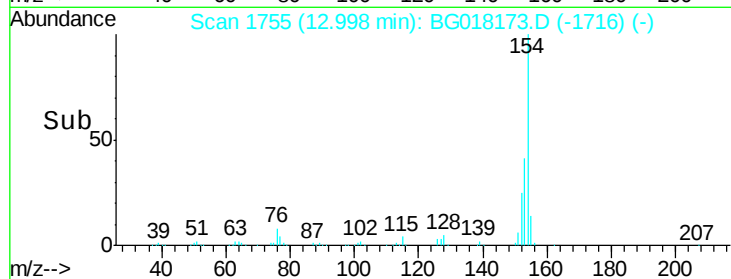
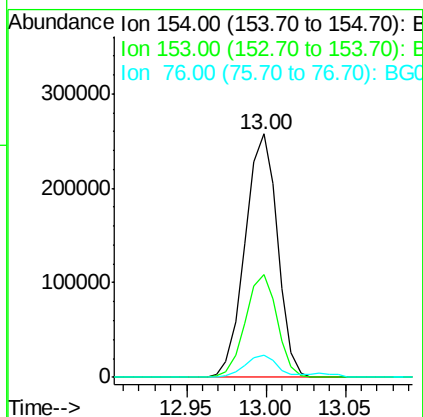
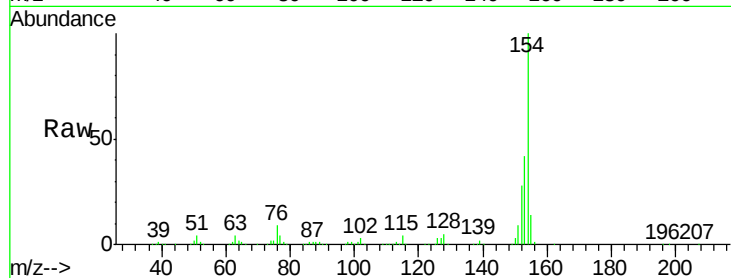




#45  
1,1'-Biphenyl  
Concen: 37.49 ng  
RT: 13.00 min Scan# 1755  
Delta R.T. -0.07 min  
Lab File: BG018173.D  
Acq: 30 Jul 2015 13:17

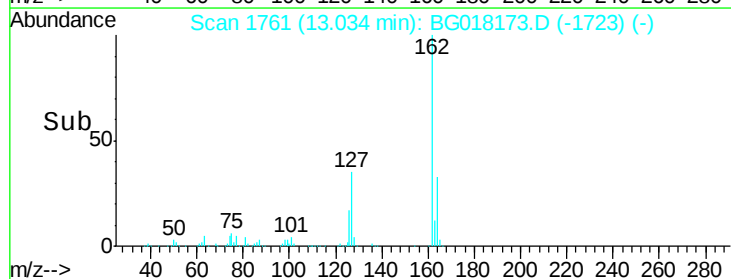
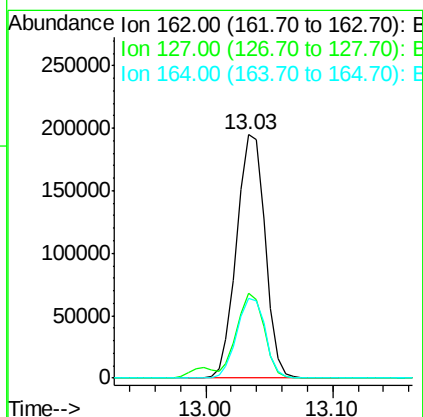
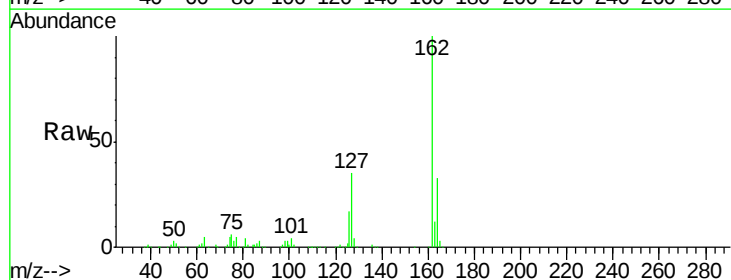
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

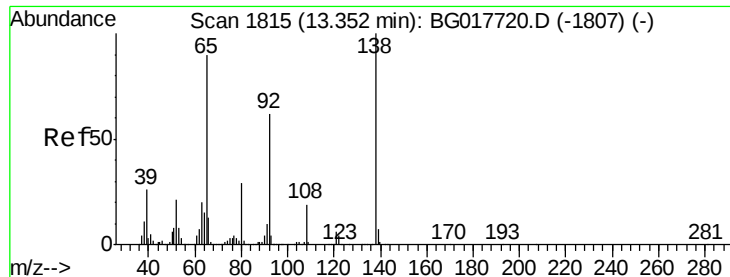
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.3  | 23.5  | 63.5  |
| 76      | 9.1   | 0.0   | 33.7  |



#46  
2-Chloronaphthalene  
Concen: 38.31 ng  
RT: 13.03 min Scan# 1761  
Delta R.T. -0.08 min  
Lab File: BG018173.D  
Acq: 30 Jul 2015 13:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 34.9  | 33.2  | 49.8  |
| 164     | 32.8  | 27.7  | 41.5  |

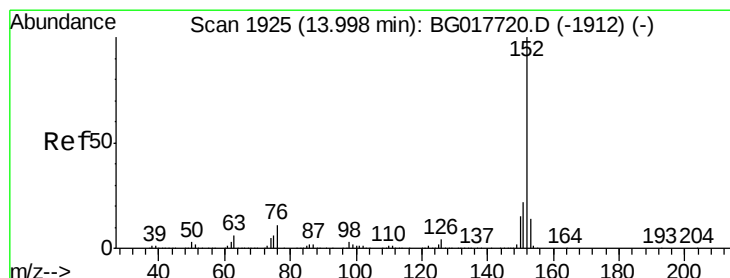
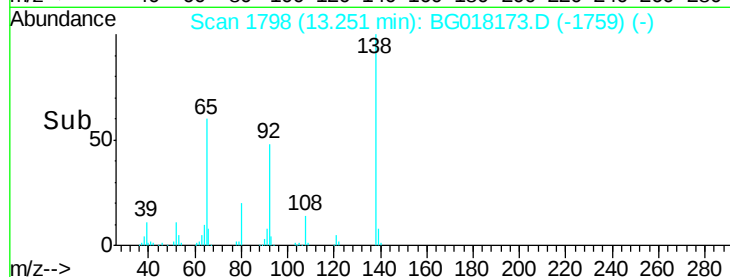
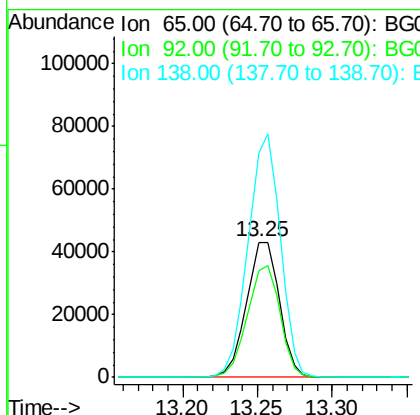
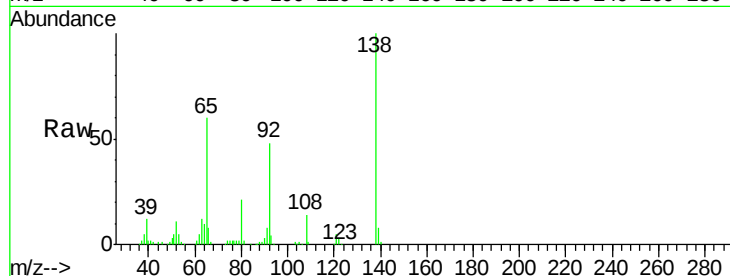




#47  
2-Nitroaniline  
Concen: 31.07 ng  
RT: 13.25 min Scan# 1798  
Delta R.T. -0.07 min  
Lab File: BG018173.D  
Acq: 30 Jul 2015 13:17

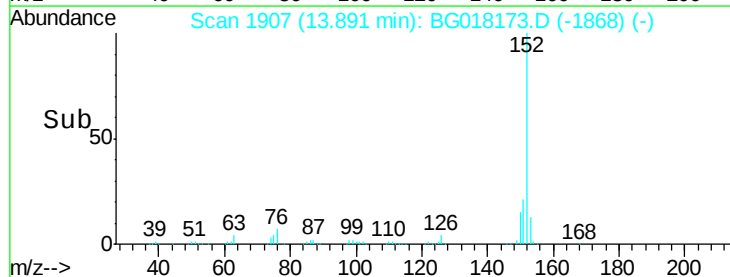
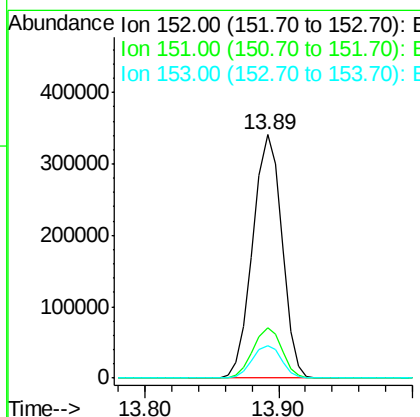
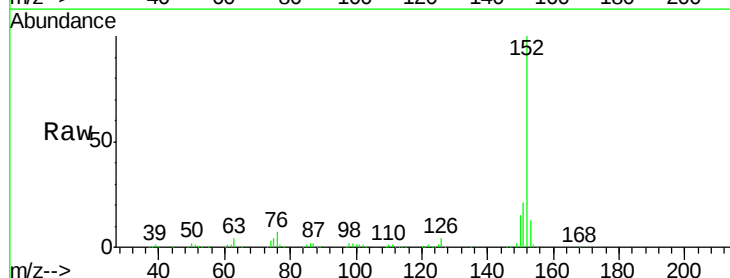
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 65 Resp: 65960  
Ion Ratio Lower Upper  
65 100  
92 79.1 55.4 83.2  
138 166.1 89.1 133.7#



#48  
Acenaphthylene  
Concen: 38.97 ng  
RT: 13.89 min Scan# 1907  
Delta R.T. -0.07 min  
Lab File: BG018173.D  
Acq: 30 Jul 2015 13:17

Tgt Ion: 152 Resp: 513810  
Ion Ratio Lower Upper  
152 100  
151 20.7 17.4 26.2  
153 13.1 11.0 16.6





#49

Dimethylphthalate

Concen: 40.79 ng

RT: 13.64 min Scan# 1865

Delta R.T. -0.07 min

Lab File: BG018173.D

Acq: 30 Jul 2015 13:17

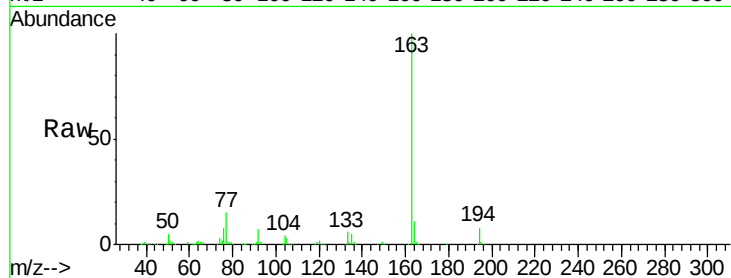
Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

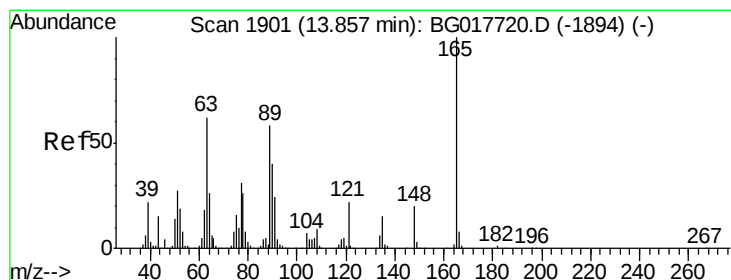
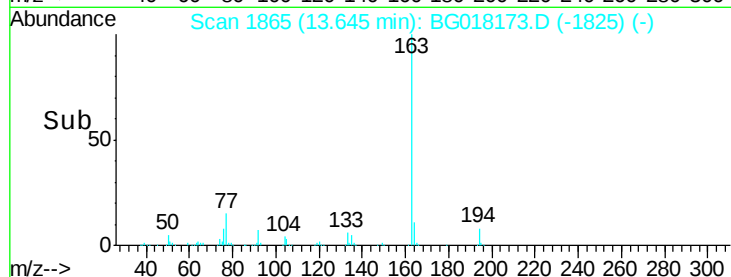
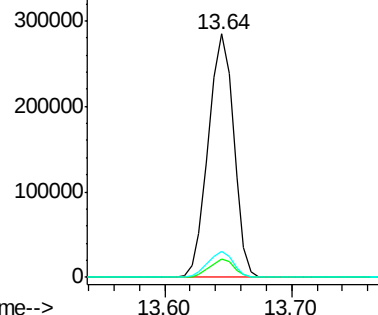
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 394839 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 7.8   | 5.8   | 8.6    |
| 164       | 10.6  | 8.3   | 12.5   |



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.73 ng

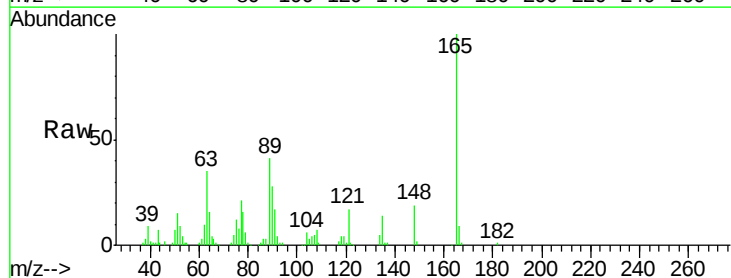
RT: 13.76 min Scan# 1885

Delta R.T. -0.06 min

Lab File: BG018173.D

Acq: 30 Jul 2015 13:17

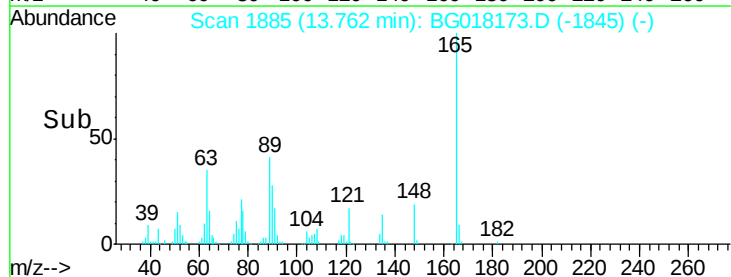
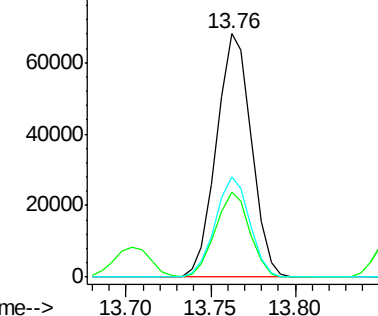
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 98112 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 34.8  | 50.2  | 75.2# |
| 89        | 41.1  | 46.6  | 69.8# |

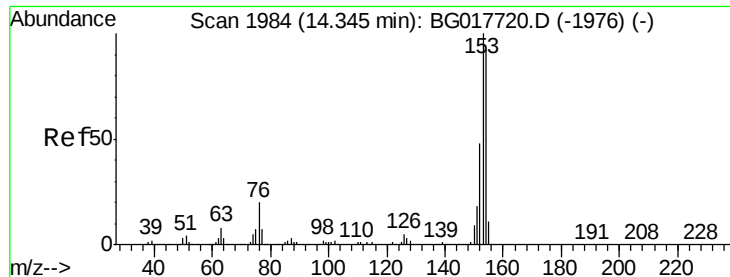


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 37.35 ng

RT: 14.24 min Scan# 1966

Delta R.T. -0.07 min

Lab File: BG018173.D

Acq: 30 Jul 2015 13:17

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

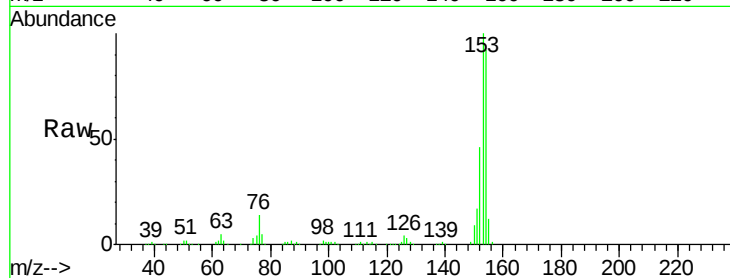
Tgt Ion:154 Resp: 298198

Ion Ratio Lower Upper

154 100

153 108.4 87.0 130.4

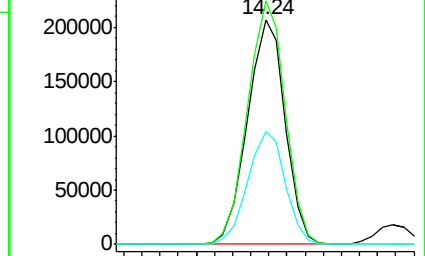
152 50.1 41.4 62.0



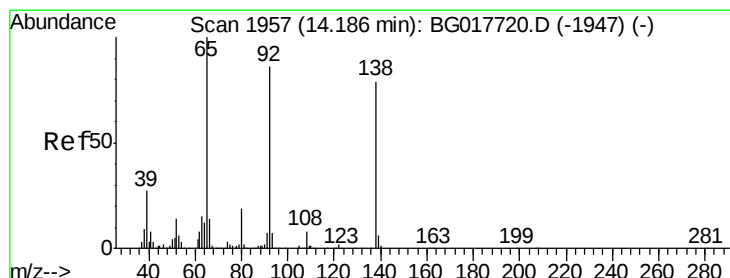
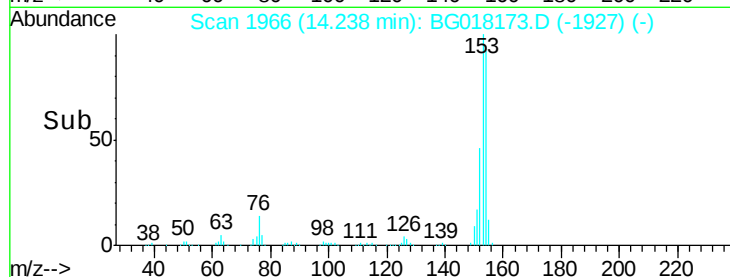
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->



#52

3-Nitroaniline

Concen: 43.25 ng

RT: 14.10 min Scan# 1942

Delta R.T. -0.06 min

Lab File: BG018173.D

Acq: 30 Jul 2015 13:17

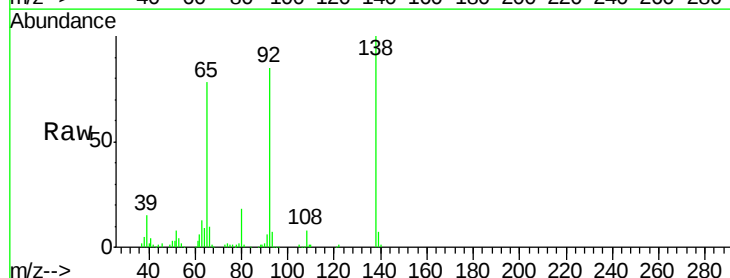
Tgt Ion:138 Resp: 106636

Ion Ratio Lower Upper

138 100

108 8.2 8.2 12.4#

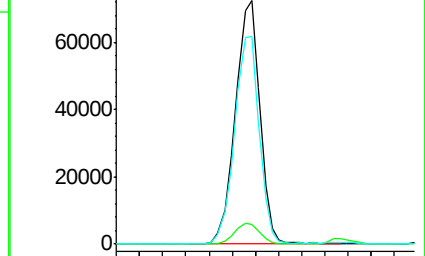
92 85.4 87.4 131.0#



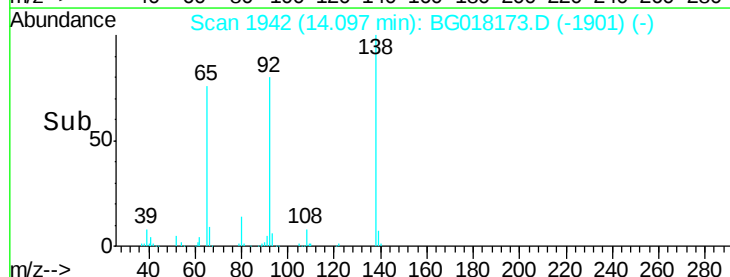
Abundance Ion 138.00 (137.70 to 138.70): E

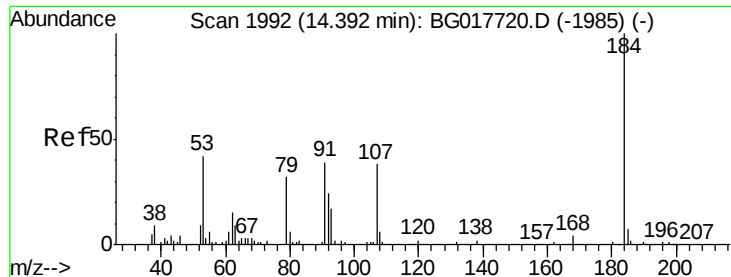
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



Time-->

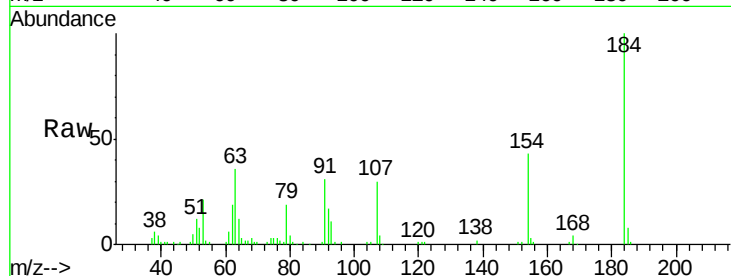




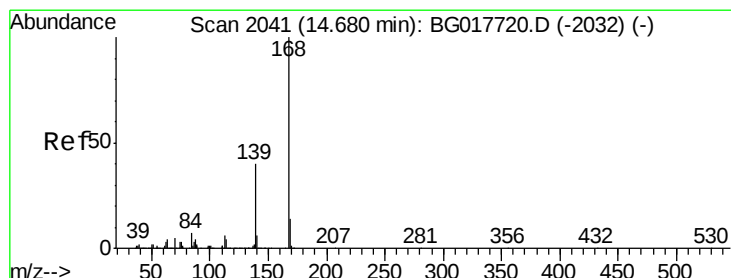
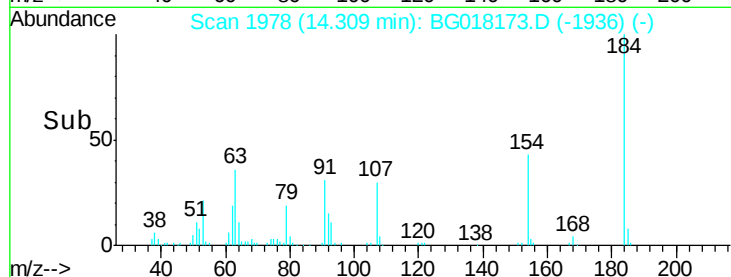
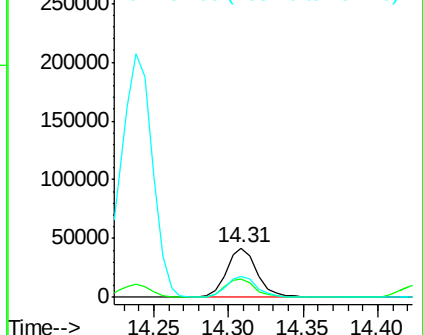
#53  
2,4-Dinitrophenol  
Concen: 60.36 ng  
RT: 14.31 min Scan# 1978  
Delta R.T. -0.05 min  
Lab File: BG018173.D  
Acq: 30 Jul 2015 13:17

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:184 Resp: 61427  
Ion Ratio Lower Upper  
184 100  
63 35.9 47.8 71.6#  
154 42.9 39.3 58.9

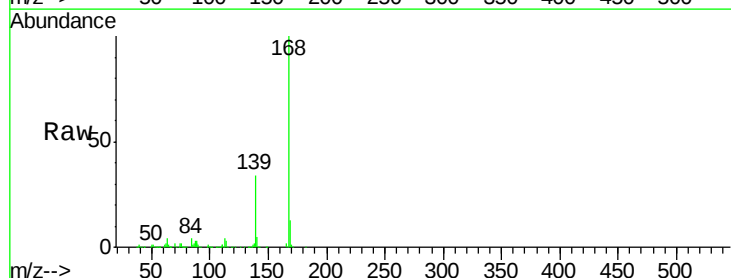


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 154.00 (153.70 to 154.70): E

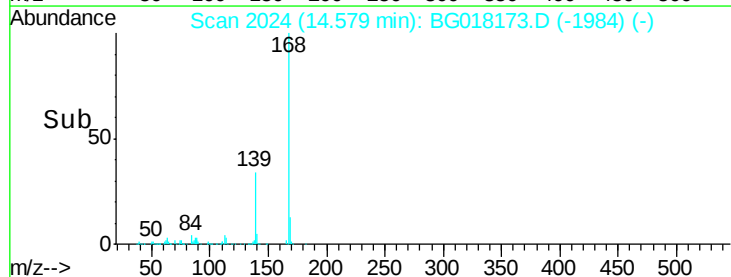
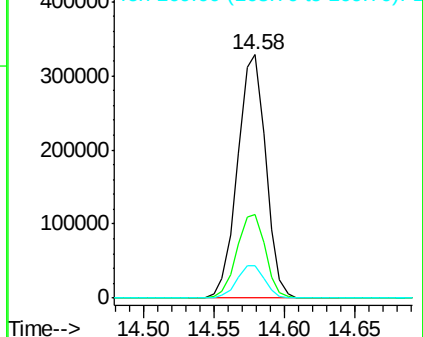


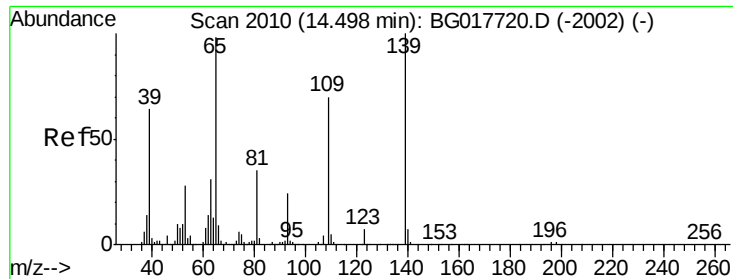
#54  
Dibenzofuran  
Concen: 39.77 ng  
RT: 14.58 min Scan# 2024  
Delta R.T. -0.07 min  
Lab File: BG018173.D  
Acq: 30 Jul 2015 13:17

Tgt Ion:168 Resp: 458214  
Ion Ratio Lower Upper  
168 100  
139 34.3 32.2 48.2  
169 13.5 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

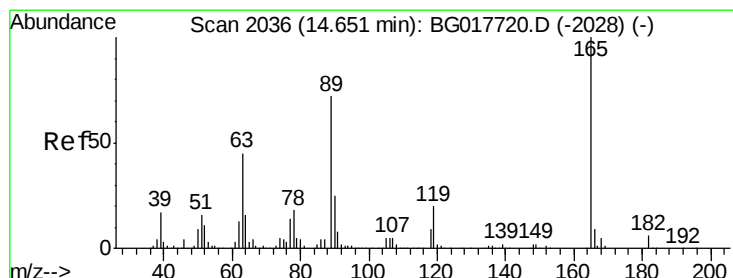
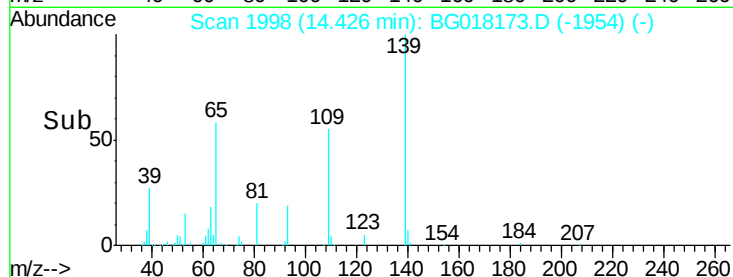
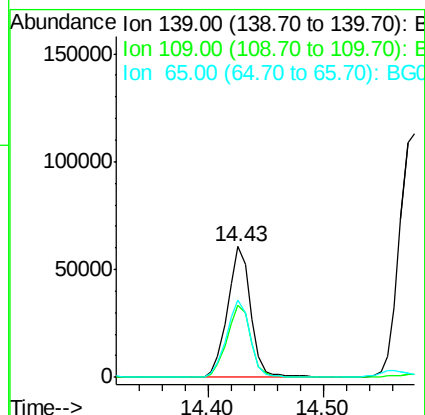
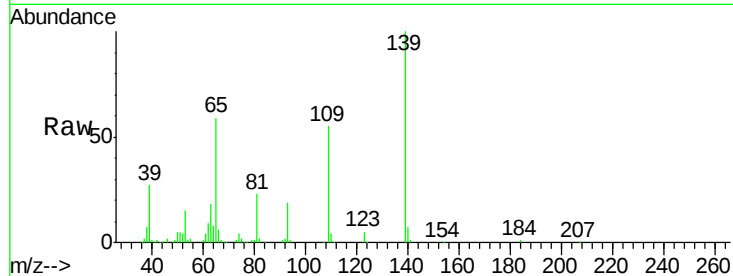




#55  
4-Nitrophenol  
Concen: 43.45 ng  
RT: 14.43 min Scan# 1998  
Delta R.T. -0.04 min  
Lab File: BG018173.D  
Acq: 30 Jul 2015 13:17

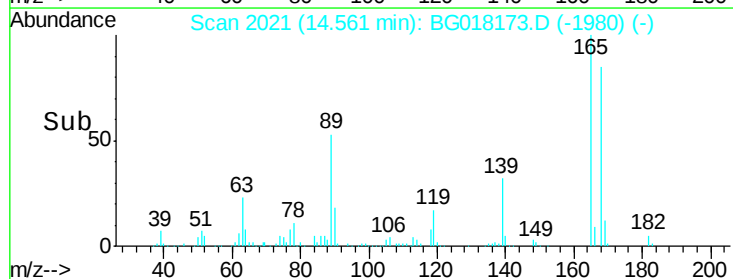
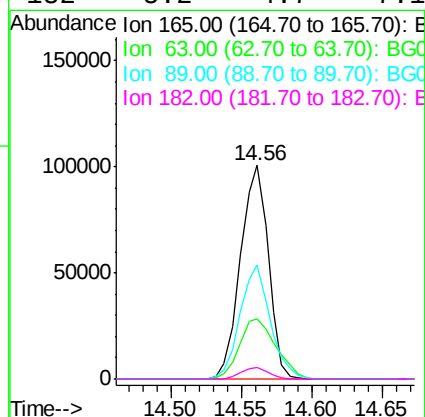
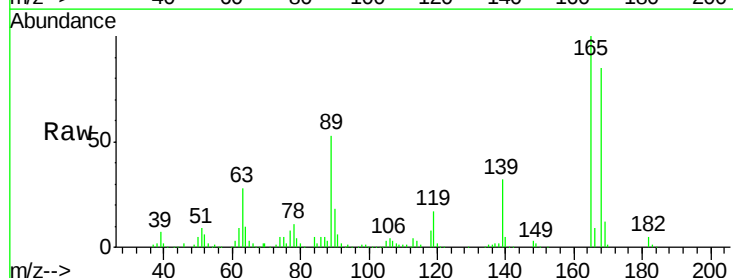
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:139 Resp: 84750  
Ion Ratio Lower Upper  
139 100  
109 55.4 50.3 90.3  
65 58.9 78.8 118.8#



#56  
2,4-Dinitrotoluene  
Concen: 47.15 ng  
RT: 14.56 min Scan# 2021  
Delta R.T. -0.06 min  
Lab File: BG018173.D  
Acq: 30 Jul 2015 13:17

Tgt Ion:165 Resp: 138716  
Ion Ratio Lower Upper  
165 100  
63 28.4 36.2 54.4#  
89 53.3 57.9 86.9#  
182 5.2 4.7 7.1

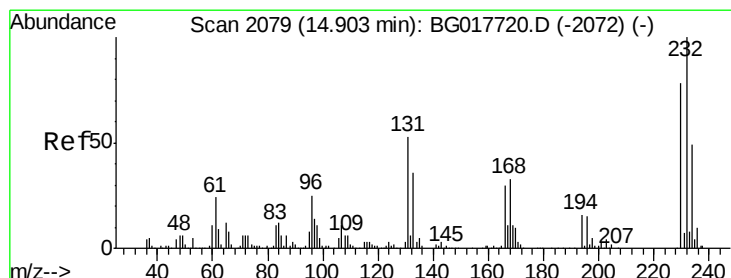
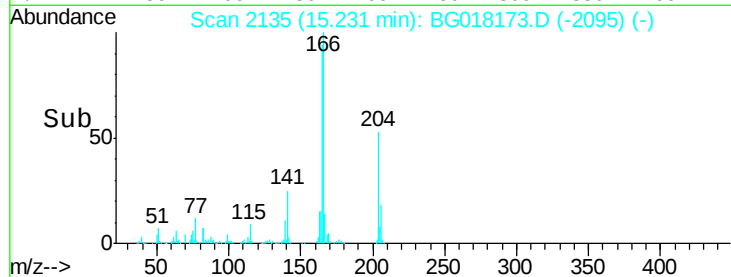
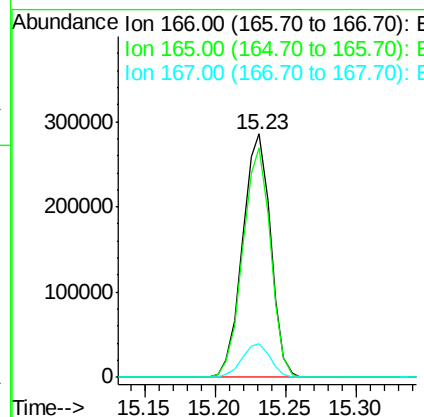
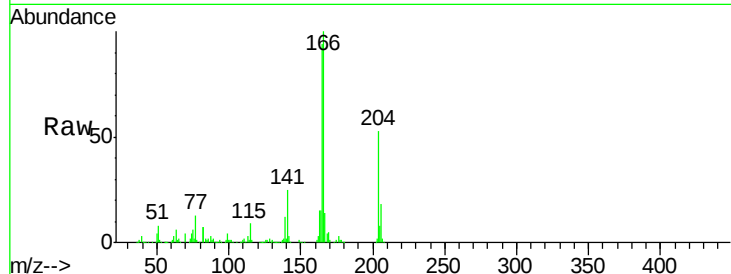




#57  
**Fluorene**  
 Concen: 39.96 ng  
 RT: 15.23 min Scan# 2135  
 Delta R.T. -0.07 min  
 Lab File: BG018173.D  
 Acq: 30 Jul 2015 13:17

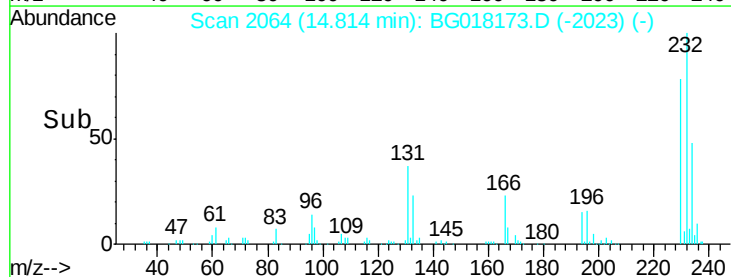
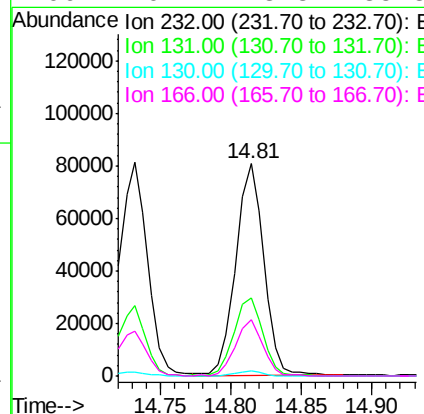
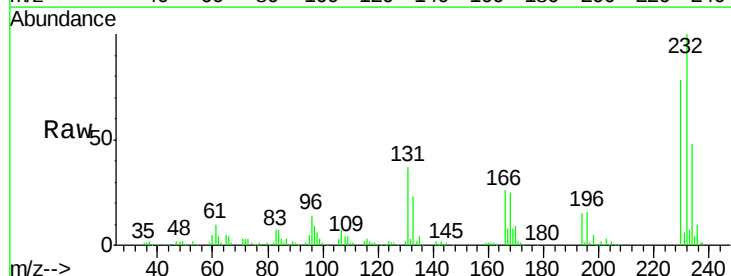
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

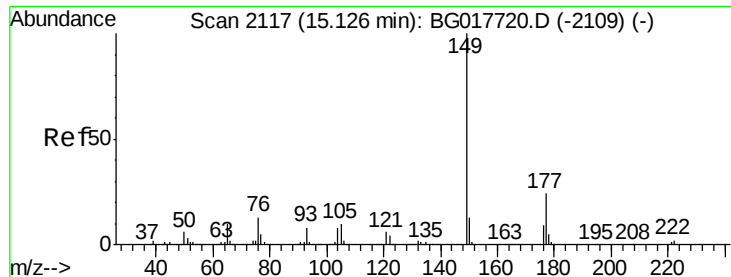
Tgt Ion:166 Resp: 395740  
 Ion Ratio Lower Upper  
 166 100  
 165 94.1 73.4 110.0  
 167 13.8 11.0 16.6



#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 51.33 ng  
 RT: 14.81 min Scan# 2064  
 Delta R.T. -0.06 min  
 Lab File: BG018173.D  
 Acq: 30 Jul 2015 13:17

Tgt Ion:232 Resp: 111783  
 Ion Ratio Lower Upper  
 232 100  
 131 38.2 40.8 61.2#  
 130 2.1 2.4 3.6#  
 166 26.1 23.8 35.8

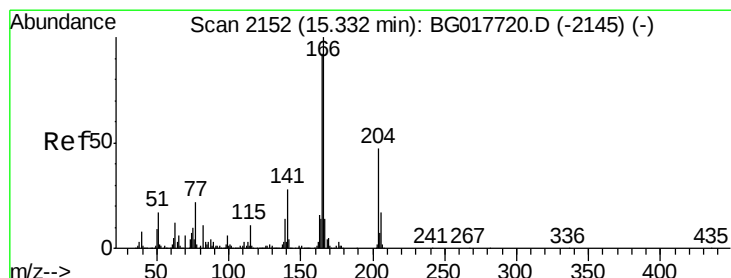
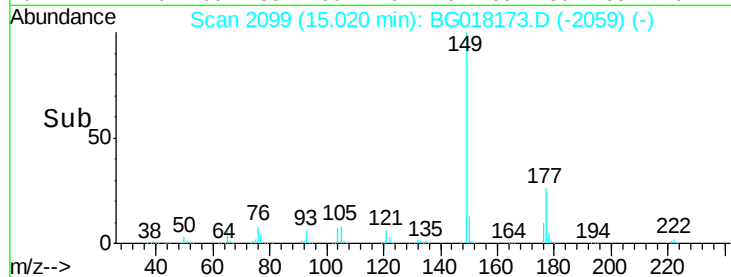
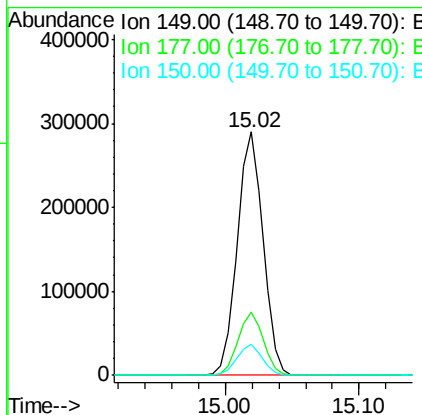
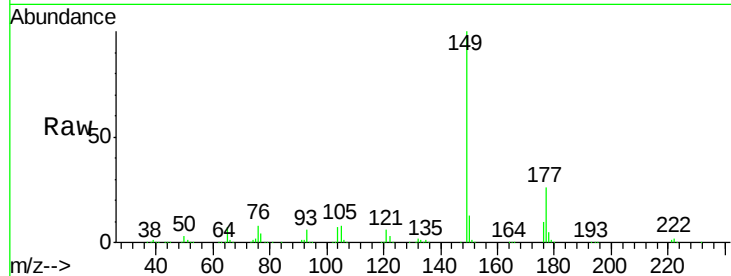




#59  
Diethylphthalate  
Concen: 38.64 ng  
RT: 15.02 min Scan# 2099  
Delta R.T. -0.07 min  
Lab File: BG018173.D  
Acq: 30 Jul 2015 13:17

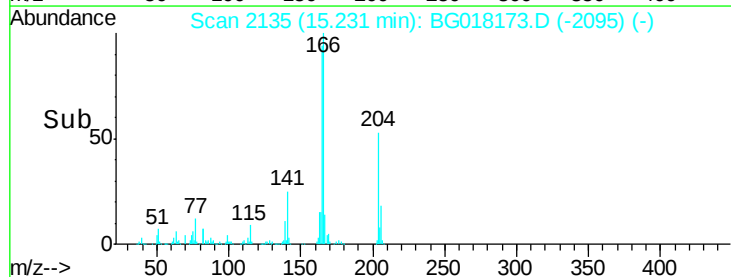
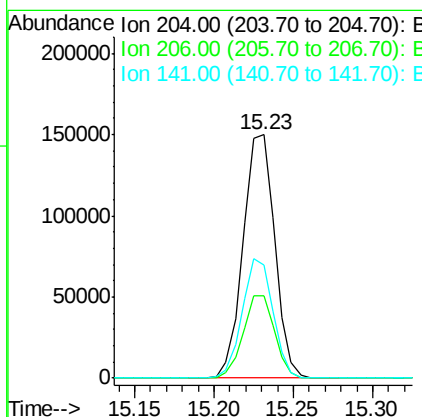
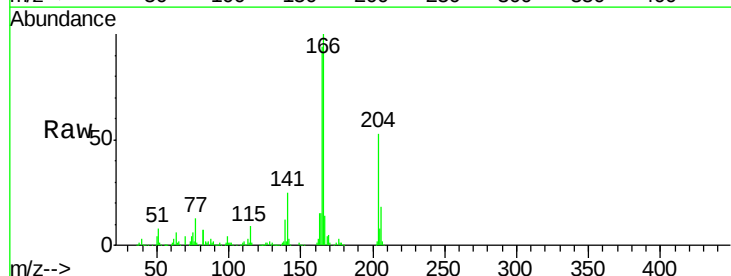
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:149 Resp: 387368  
Ion Ratio Lower Upper  
149 100  
177 25.7 19.1 28.7  
150 12.6 10.3 15.5



#60  
4-Chlorophenyl-phenylether  
Concen: 42.78 ng  
RT: 15.23 min Scan# 2135  
Delta R.T. -0.07 min  
Lab File: BG018173.D  
Acq: 30 Jul 2015 13:17

Tgt Ion:204 Resp: 207723  
Ion Ratio Lower Upper  
204 100  
206 33.8 28.6 42.8  
141 46.7 49.0 73.4#

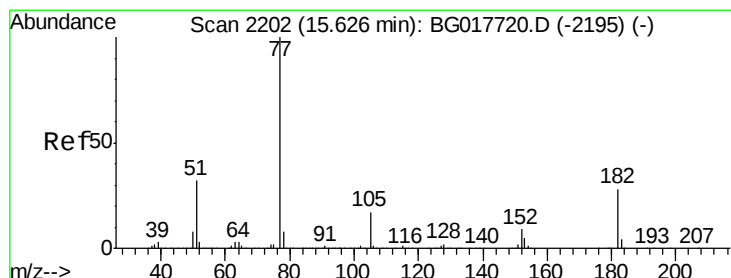
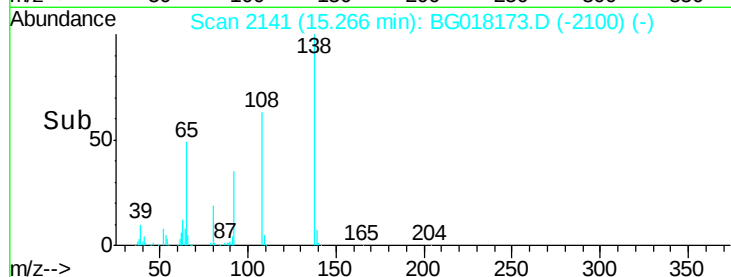
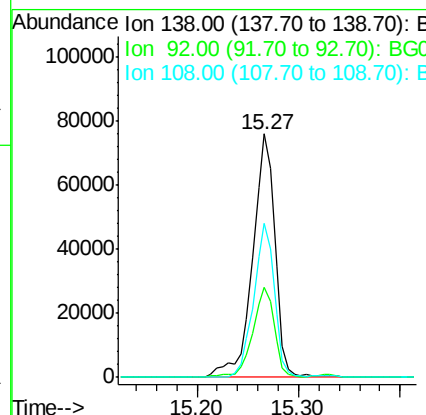
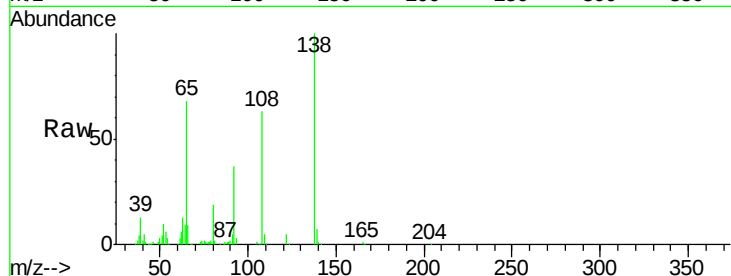




#61  
4-Nitroaniline  
Concen: 40.46 ng  
RT: 15.27 min Scan# 2141  
Delta R.T. -0.06 min  
Lab File: BG018173.D  
Acq: 30 Jul 2015 13:17

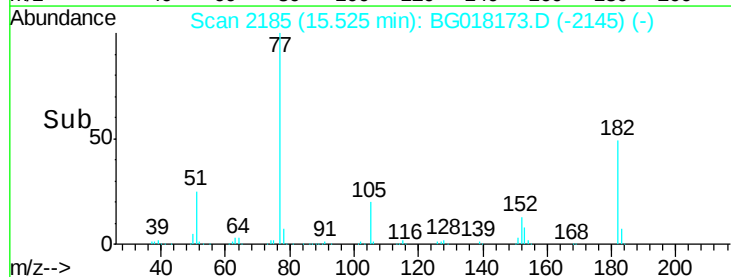
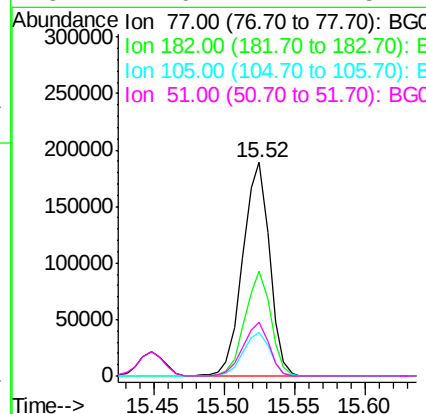
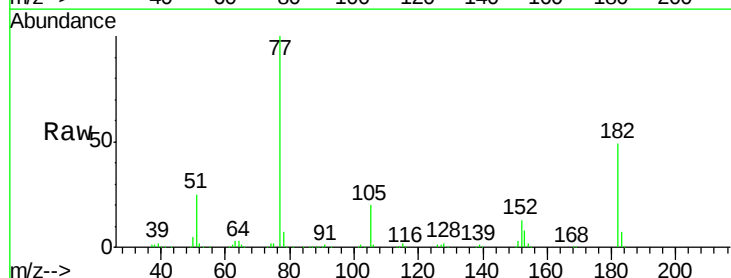
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

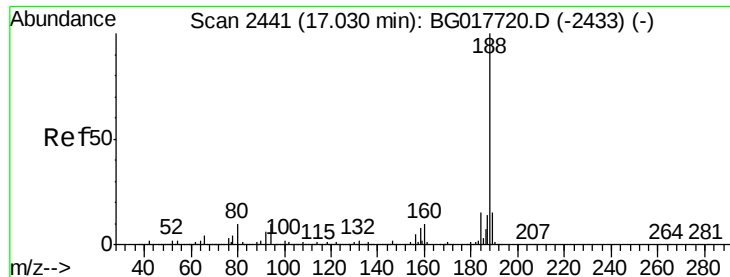
Tgt Ion: 138 Resp: 116874  
Ion Ratio Lower Upper  
138 100  
92 37.0 27.7 67.7  
108 63.3 57.8 97.8



#62  
Azobenzene  
Concen: 27.11 ng  
RT: 15.52 min Scan# 2185  
Delta R.T. -0.07 min  
Lab File: BG018173.D  
Acq: 30 Jul 2015 13:17

Tgt Ion: 77 Resp: 251200  
Ion Ratio Lower Upper  
77 100  
182 49.0 8.2 48.2#  
105 20.3 0.0 36.6  
51 24.9 11.7 51.7

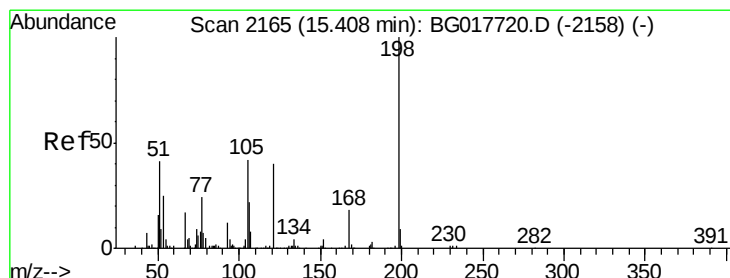
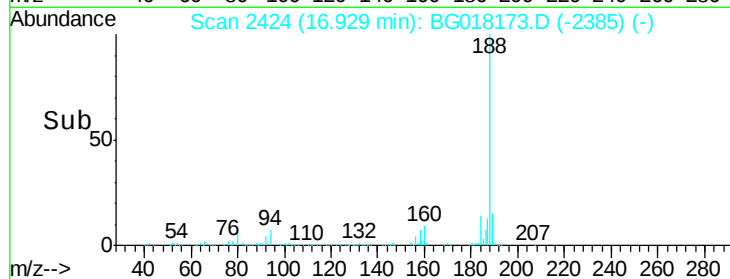
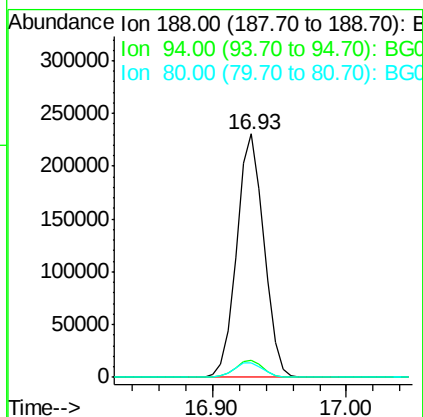
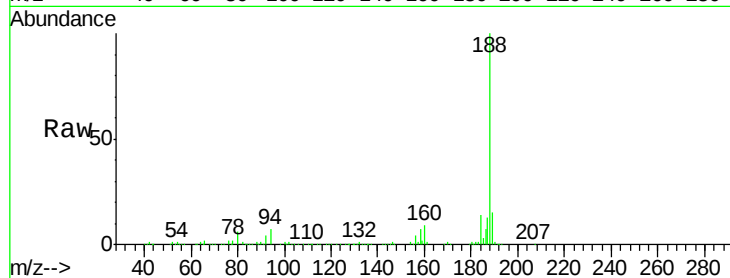




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 16.93 min Scan# 2424  
Delta R.T. -0.07 min  
Lab File: BG018173.D  
Acq: 30 Jul 2015 13:17

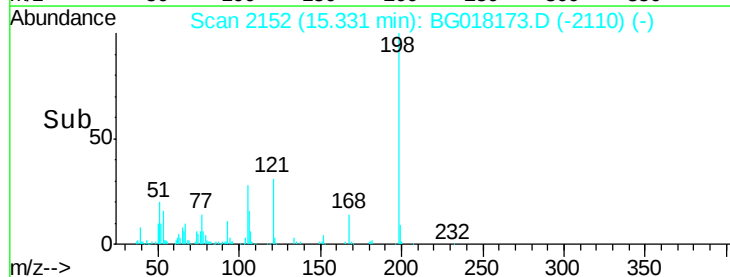
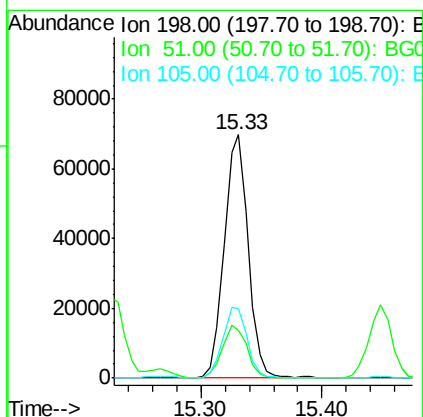
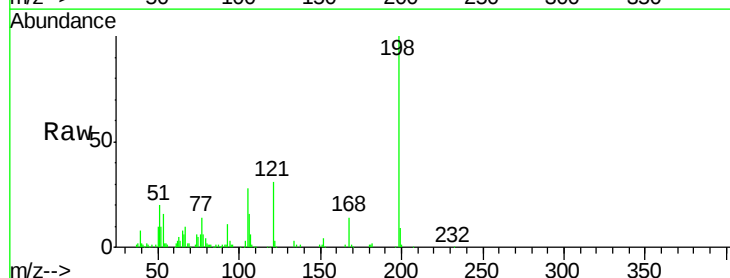
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:188 Resp: 324846  
Ion Ratio Lower Upper  
188 100  
94 7.1 8.2 12.2#  
80 6.2 8.2 12.4#



#64  
4,6-Dinitro-2-methylphenol  
Concen: 53.02 ng  
RT: 15.33 min Scan# 2152  
Delta R.T. -0.05 min  
Lab File: BG018173.D  
Acq: 30 Jul 2015 13:17

Tgt Ion:198 Resp: 95640  
Ion Ratio Lower Upper  
198 100  
51 19.9 27.0 67.0#  
105 28.4 23.3 63.3

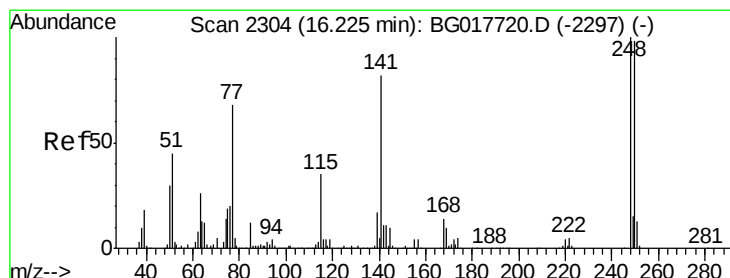
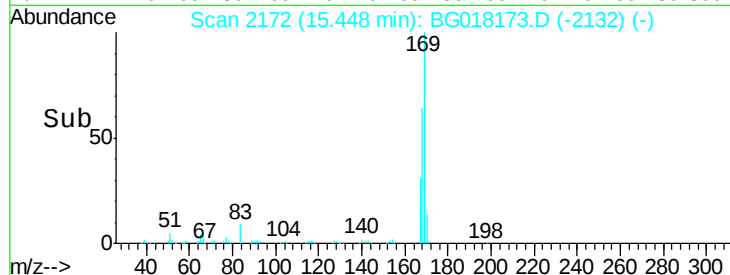
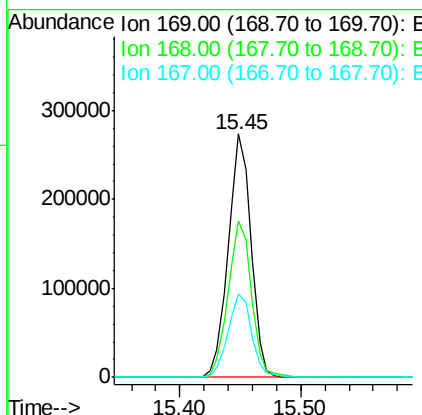
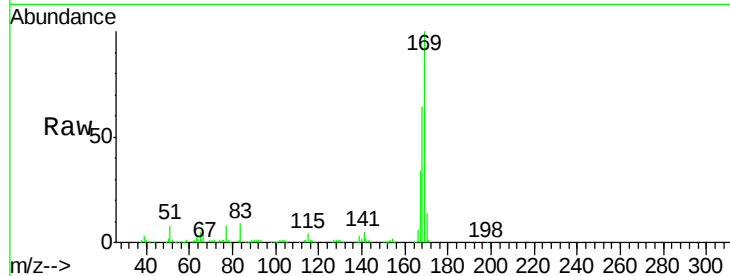




#65  
n-Nitrosodiphenylamine  
Concen: 36.81 ng  
RT: 15.45 min Scan# 2172  
Delta R.T. -0.07 min  
Lab File: BG018173.D  
Acq: 30 Jul 2015 13:17

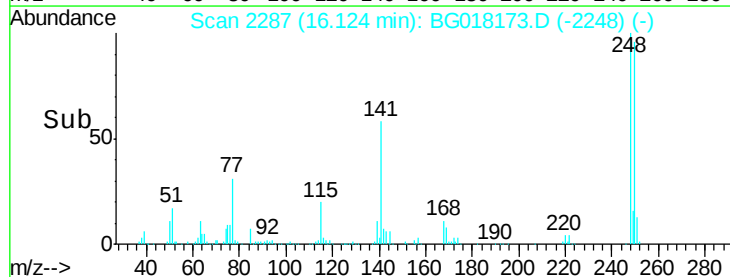
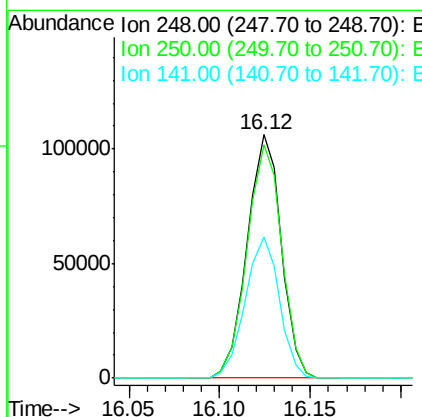
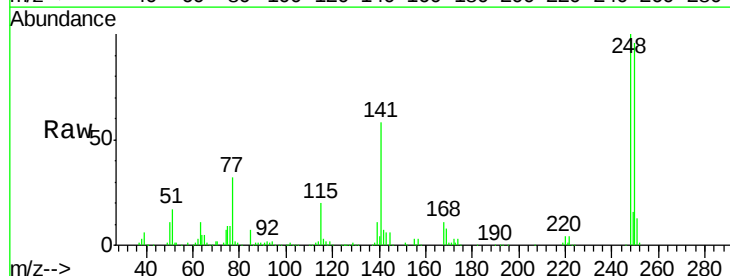
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

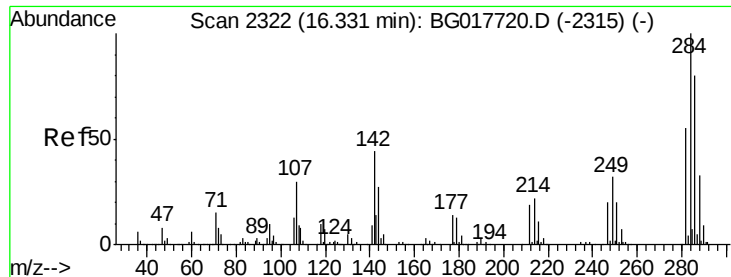
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 64.3  | 54.1  | 81.1  |
| 167     | 34.2  | 29.4  | 44.2  |



#66  
4-Bromophenyl-phenylether  
Concen: 42.75 ng  
RT: 16.12 min Scan# 2287  
Delta R.T. -0.07 min  
Lab File: BG018173.D  
Acq: 30 Jul 2015 13:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.0  | 78.0  | 117.0 |
| 141     | 58.0  | 65.7  | 98.5  |

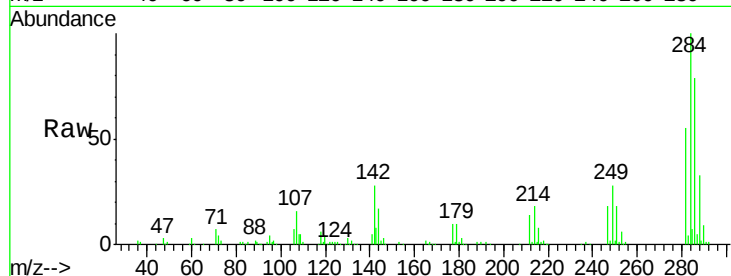




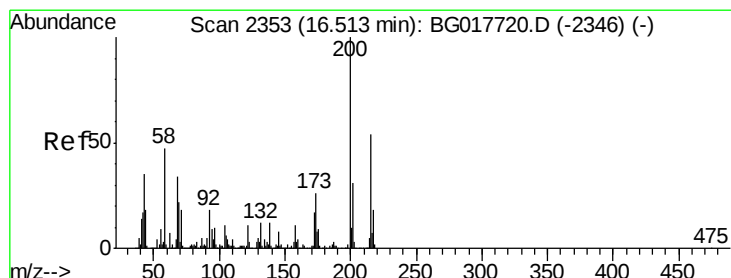
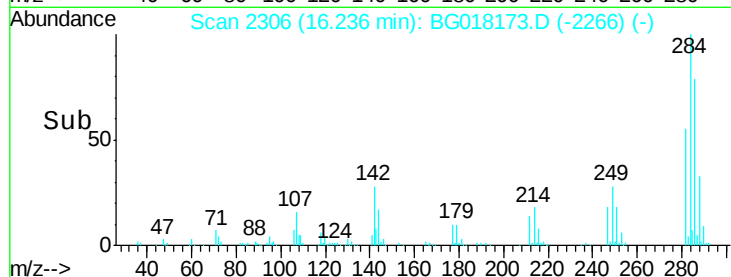
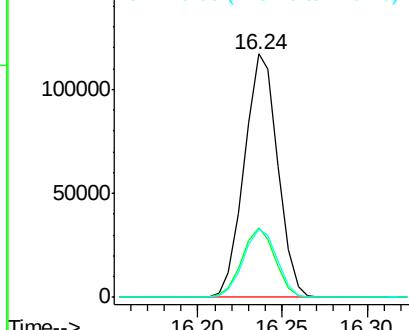
#67  
Hexachlorobenzene  
Concen: 44.66 ng  
RT: 16.24 min Scan# 2306  
Delta R.T. -0.07 min  
Lab File: BG018173.D  
Acq: 30 Jul 2015 13:17

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 284 Resp: 161373  
Ion Ratio Lower Upper  
284 100  
142 28.4 35.2 52.8#  
249 28.2 25.4 38.0

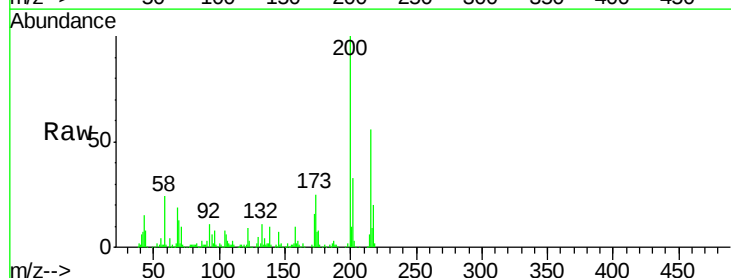


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

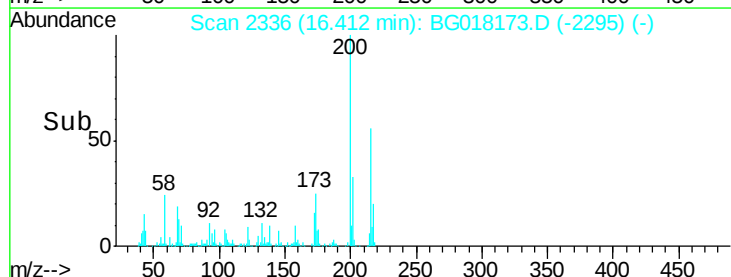
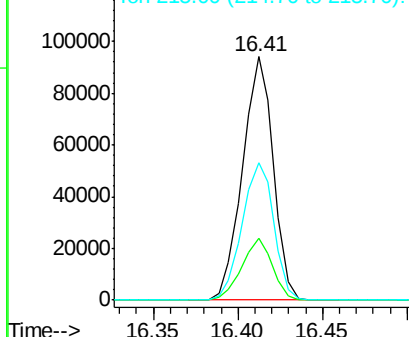


#68  
Atrazine  
Concen: 37.15 ng  
RT: 16.41 min Scan# 2336  
Delta R.T. -0.06 min  
Lab File: BG018173.D  
Acq: 30 Jul 2015 13:17

Tgt Ion: 200 Resp: 119178  
Ion Ratio Lower Upper  
200 100  
173 25.4 5.6 45.6  
215 56.4 34.1 74.1



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

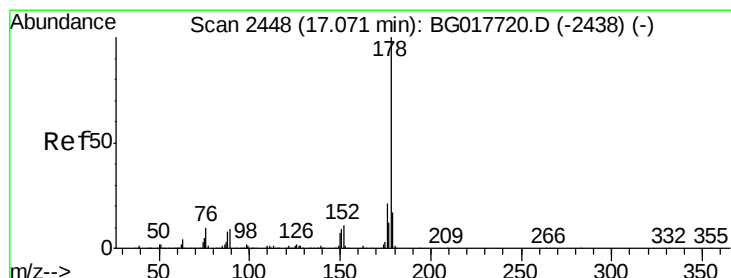
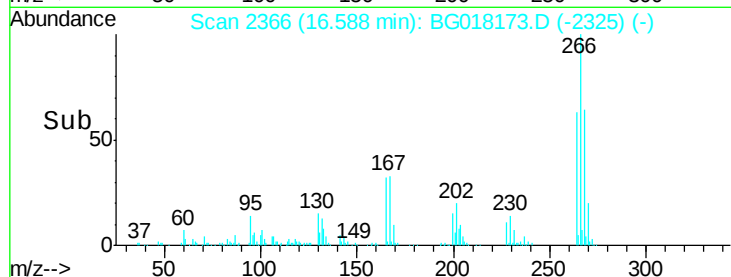
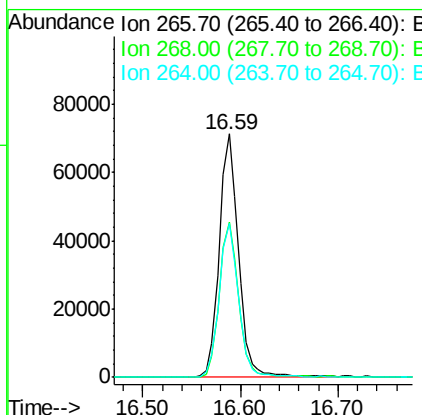
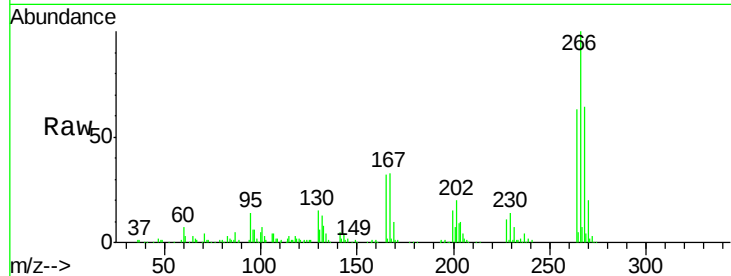




#69  
 Pentachlorophenol  
 Concen: 50.59 ng  
 RT: 16.59 min Scan# 2366  
 Delta R.T. -0.06 min  
 Lab File: BG018173.D  
 Acq: 30 Jul 2015 13:17

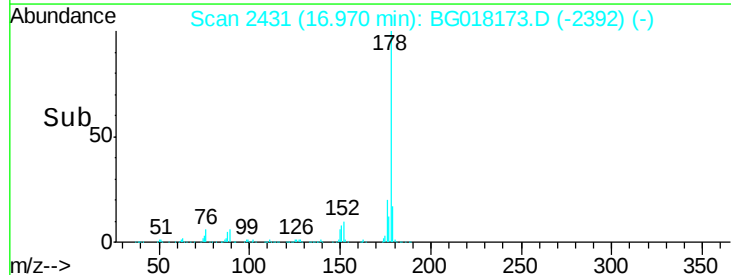
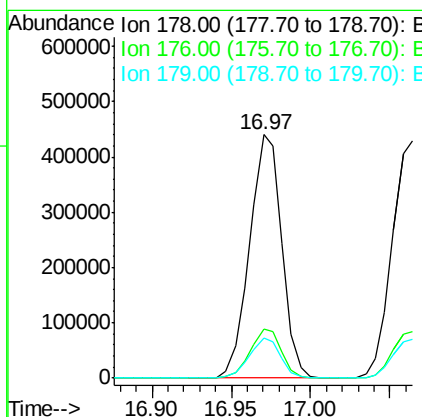
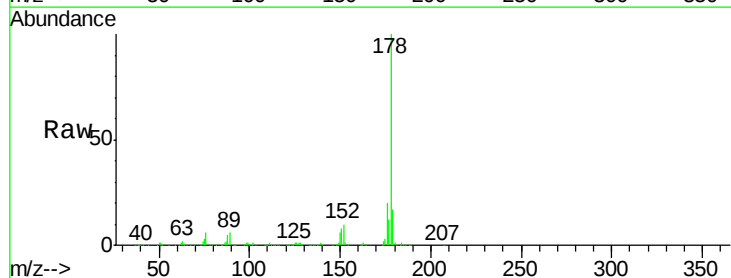
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:266 Resp: 98270  
 Ion Ratio Lower Upper  
 266 100  
 268 63.6 51.0 76.6  
 264 63.1 50.7 76.1



#70  
 Phenanthrene  
 Concen: 36.96 ng  
 RT: 16.97 min Scan# 2431  
 Delta R.T. -0.07 min  
 Lab File: BG018173.D  
 Acq: 30 Jul 2015 13:17

Tgt Ion:178 Resp: 619312  
 Ion Ratio Lower Upper  
 178 100  
 176 20.0 16.5 24.7  
 179 16.6 13.5 20.3

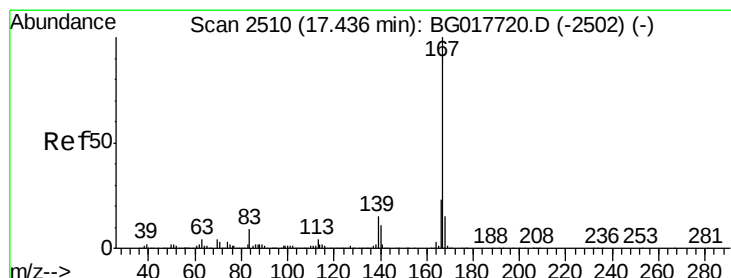
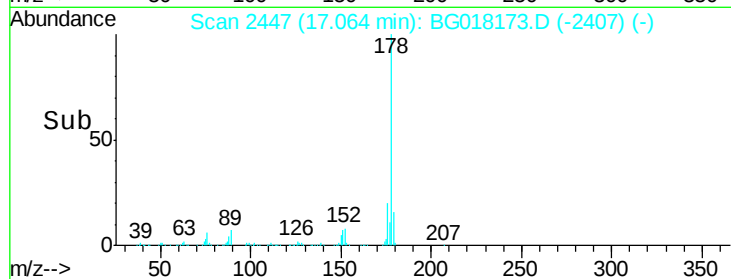
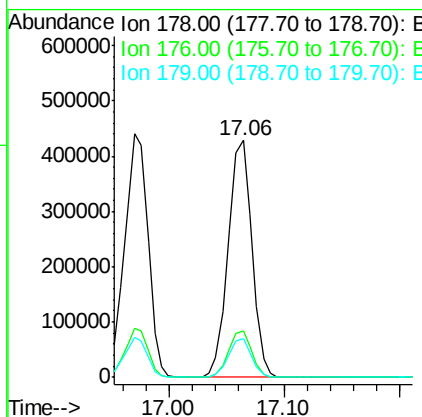
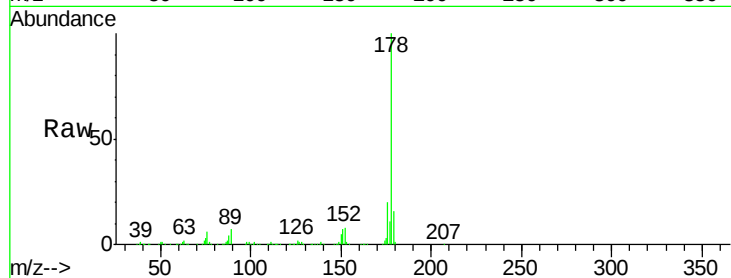




#71  
 Anthracene  
 Concen: 37.46 ng  
 RT: 17.06 min Scan# 2447  
 Delta R.T. -0.07 min  
 Lab File: BG018173.D  
 Acq: 30 Jul 2015 13:17

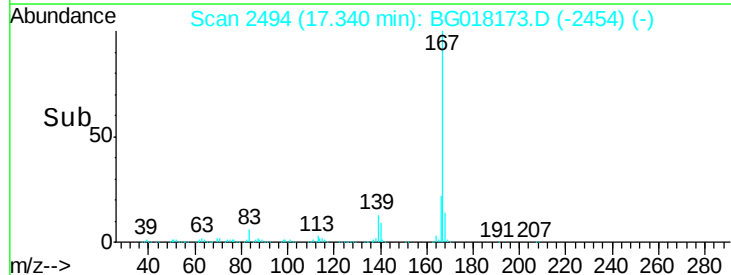
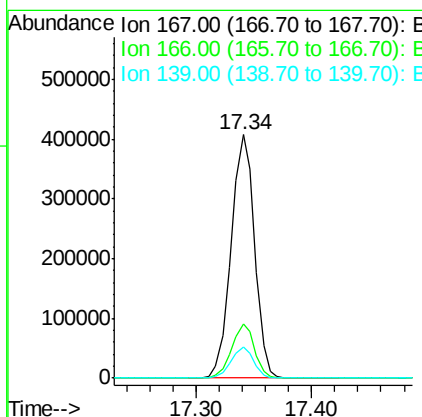
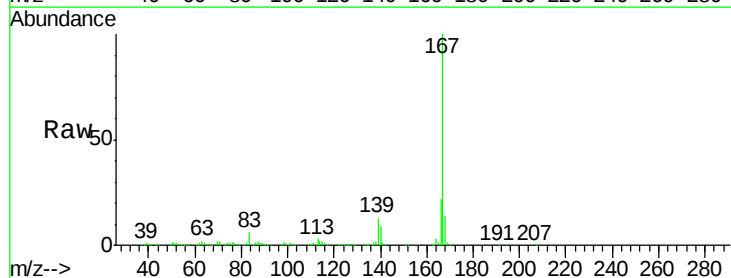
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.5  | 15.2  | 22.8  |
| 179     | 16.3  | 13.6  | 20.4  |



#72  
 Carbazole  
 Concen: 37.12 ng  
 RT: 17.34 min Scan# 2494  
 Delta R.T. -0.07 min  
 Lab File: BG018173.D  
 Acq: 30 Jul 2015 13:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.2  | 18.3  | 27.5  |
| 139     | 12.6  | 11.9  | 17.9  |

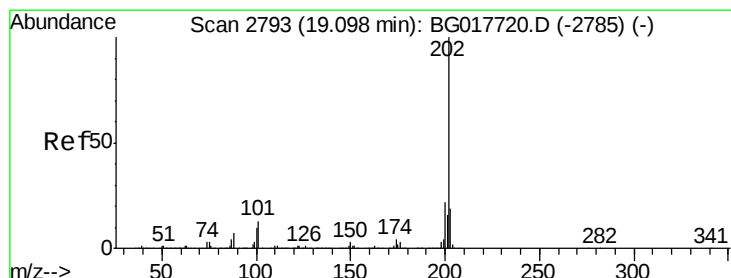
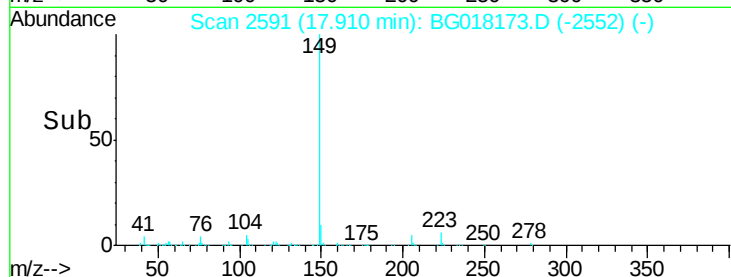
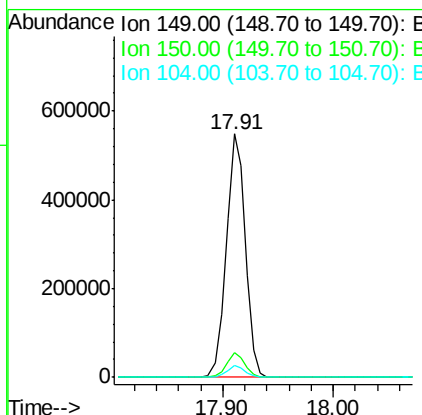
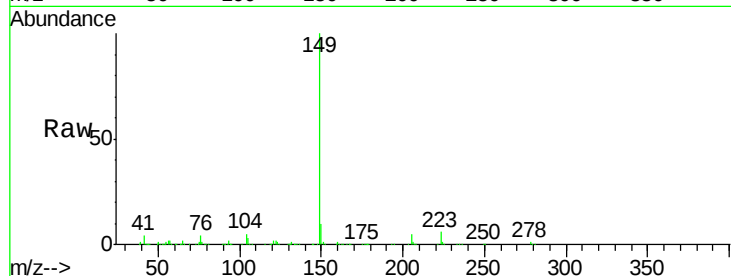




#73  
Di-n-butylphthalate  
Concen: 35.04 ng  
RT: 17.91 min Scan# 2591  
Delta R.T. -0.07 min  
Lab File: BG018173.D  
Acq: 30 Jul 2015 13:17

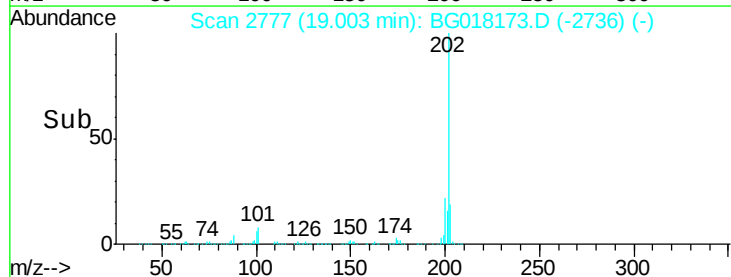
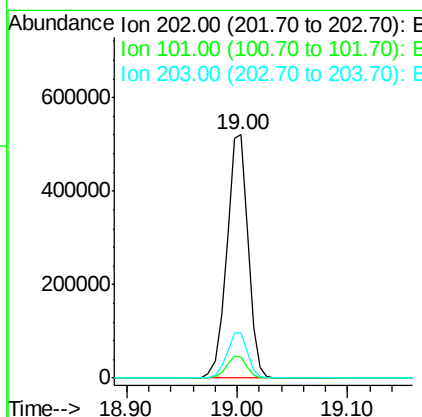
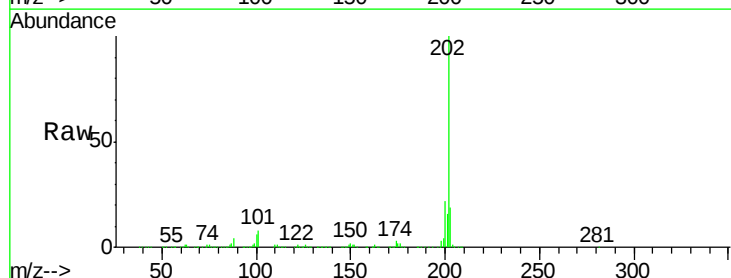
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

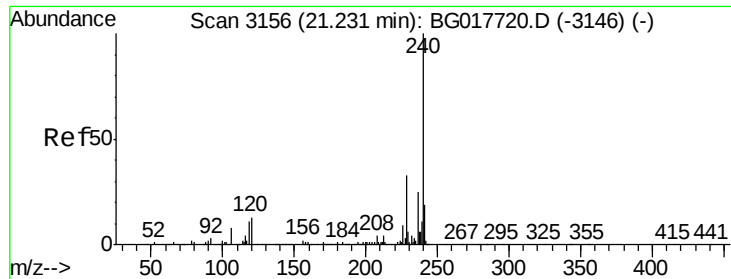
Tgt Ion:149 Resp: 661575  
Ion Ratio Lower Upper  
149 100  
150 10.1 8.6 12.8  
104 4.7 5.0 7.6#



#74  
Fluoranthene  
Concen: 38.23 ng  
RT: 19.00 min Scan# 2777  
Delta R.T. -0.06 min  
Lab File: BG018173.D  
Acq: 30 Jul 2015 13:17

Tgt Ion:202 Resp: 701354  
Ion Ratio Lower Upper  
202 100  
101 8.3 0.0 33.3  
203 18.6 0.0 39.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.14 min Scan# 3140

Delta R.T. -0.07 min

Lab File: BG018173.D

Acq: 30 Jul 2015 13:17

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

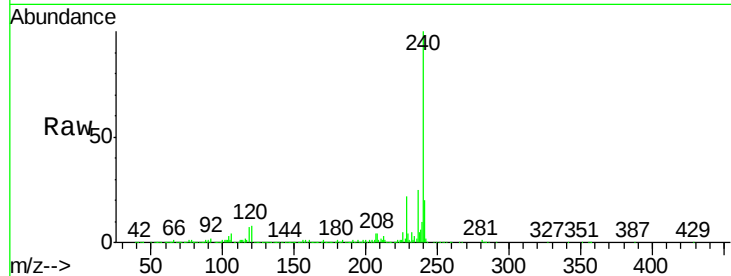
Tgt Ion:240 Resp: 288918

Ion Ratio Lower Upper

240 100

120 7.8 10.8 16.2#

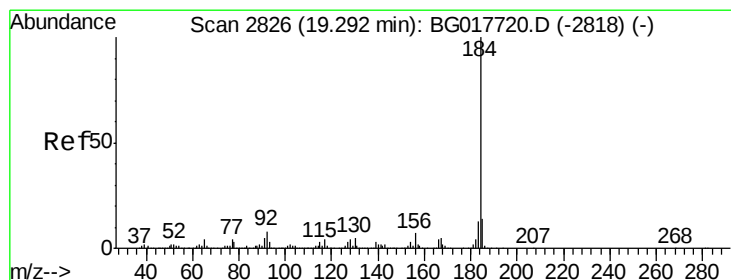
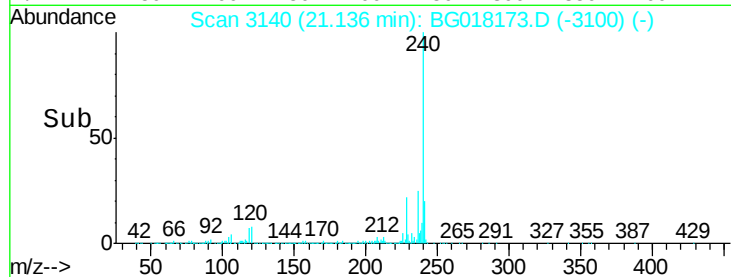
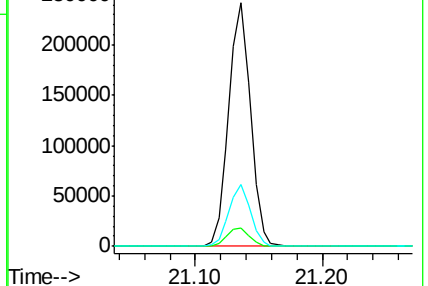
236 25.5 20.0 30.0



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: 45.33 ng

RT: 19.20 min Scan# 2810

Delta R.T. -0.07 min

Lab File: BG018173.D

Acq: 30 Jul 2015 13:17

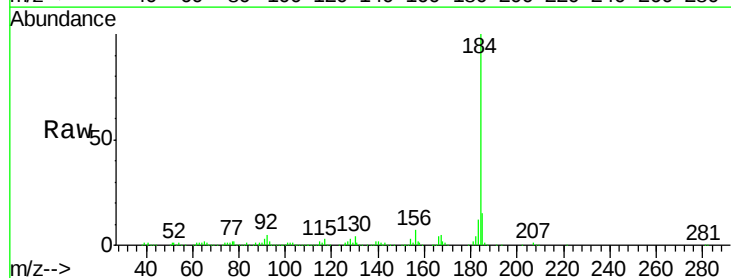
Tgt Ion:184 Resp: 371971

Ion Ratio Lower Upper

184 100

185 14.8 11.5 17.3

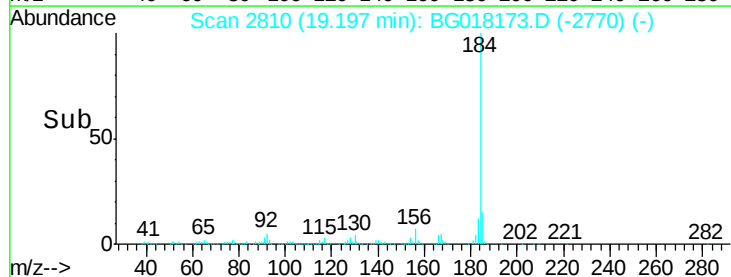
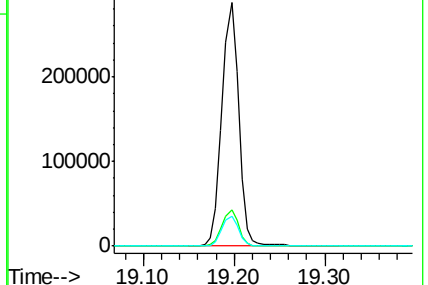
183 12.4 10.0 15.0

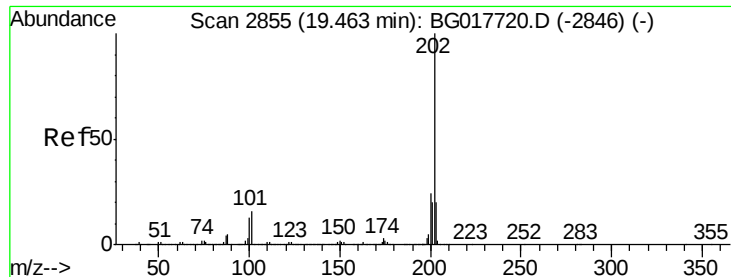


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 42.59 ng

RT: 19.37 min Scan# 2839

Delta R.T. -0.07 min

Lab File: BG018173.D

Acq: 30 Jul 2015 13:17

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

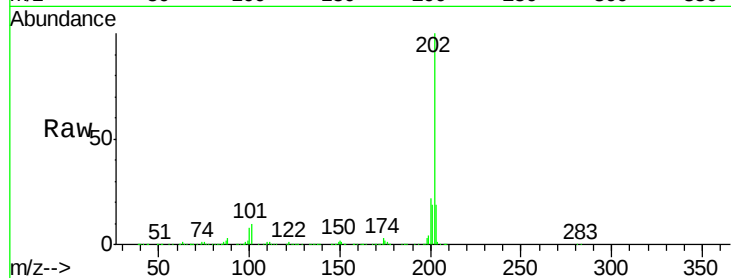
Tgt Ion:202 Resp: 686258

Ion Ratio Lower Upper

202 100

200 21.7 18.8 28.2

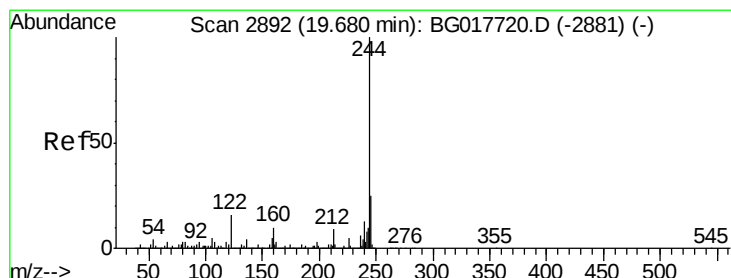
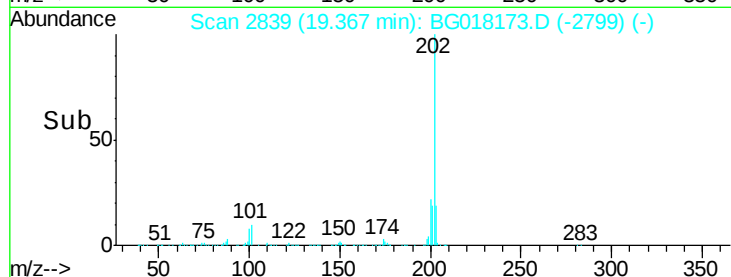
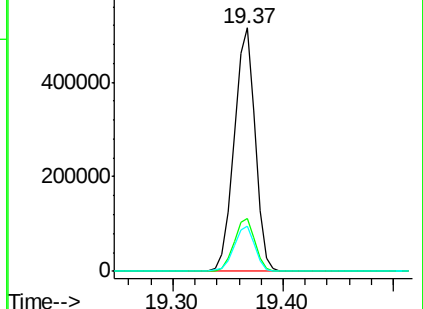
203 18.6 15.9 23.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 94.57 ng

RT: 19.58 min Scan# 2875

Delta R.T. -0.07 min

Lab File: BG018173.D

Acq: 30 Jul 2015 13:17

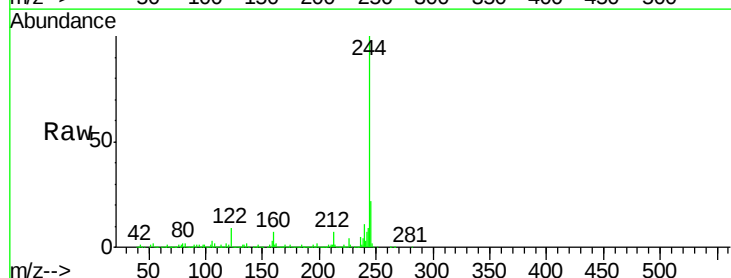
Tgt Ion:244 Resp: 1084679

Ion Ratio Lower Upper

244 100

212 6.9 7.2 10.8#

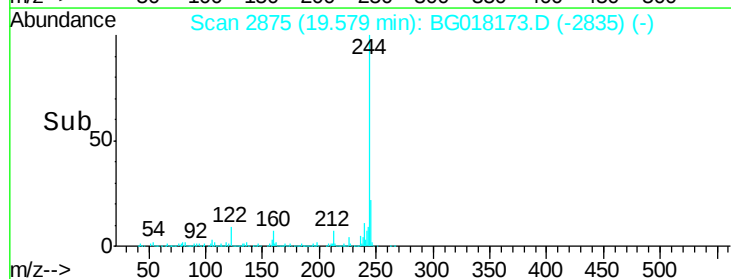
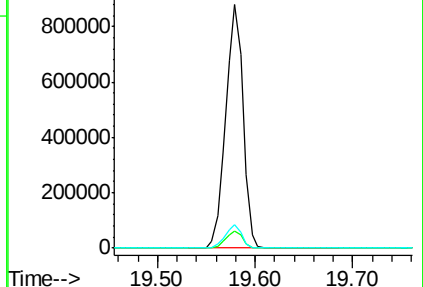
122 9.5 12.8 19.2#



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: 34.77 ng

RT: 20.28 min Scan# 2995

Delta R.T. -0.07 min

Lab File: BG018173.D

Acq: 30 Jul 2015 13:17

Instrument :

BNA\_G

ClientSampled :

SSTDCCC040

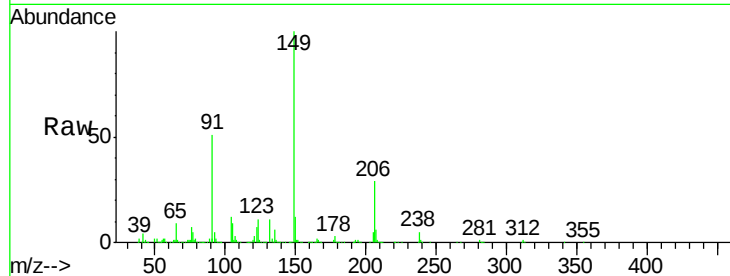
Tgt Ion:149 Resp: 250921

Ion Ratio Lower Upper

149 100

91 51.1 59.5 89.3#

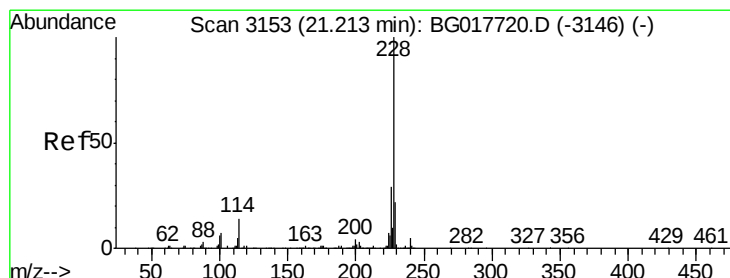
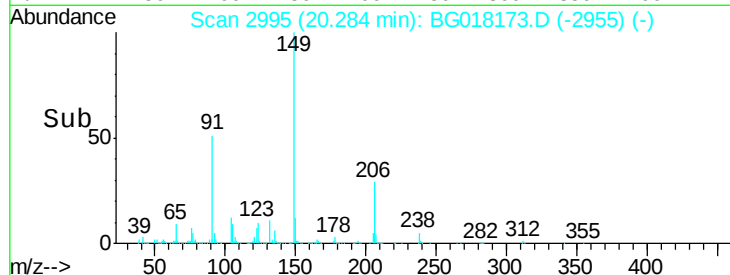
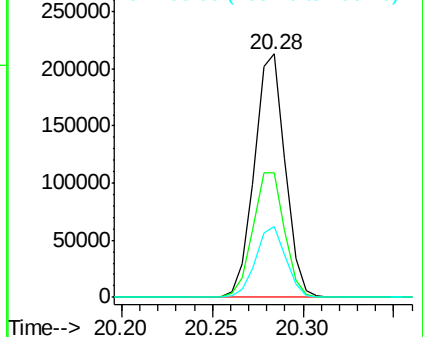
206 29.3 18.5 27.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BGC

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.57 ng

RT: 21.12 min Scan# 3137

Delta R.T. -0.07 min

Lab File: BG018173.D

Acq: 30 Jul 2015 13:17

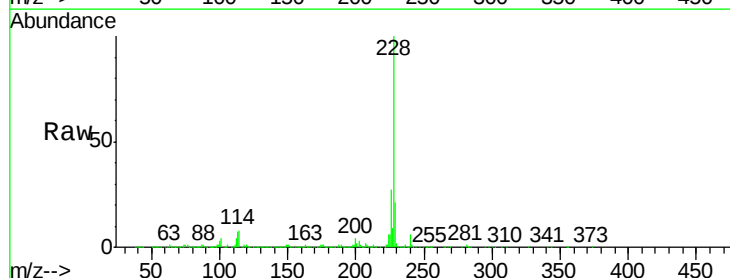
Tgt Ion:228 Resp: 588574

Ion Ratio Lower Upper

228 100

226 27.3 23.1 34.7

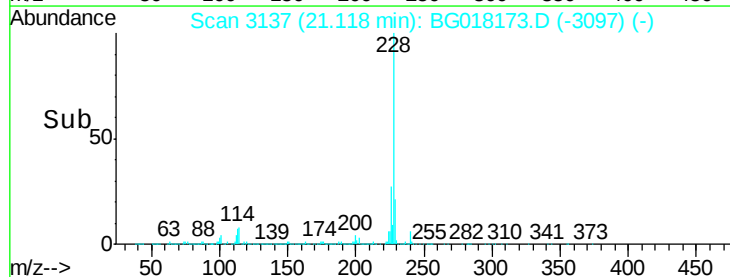
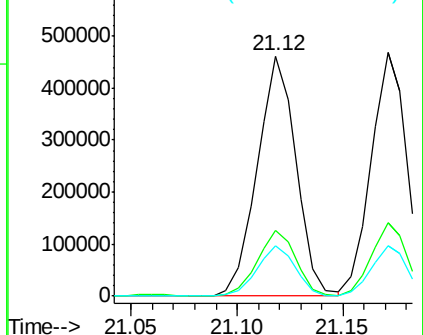
229 21.2 17.4 26.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

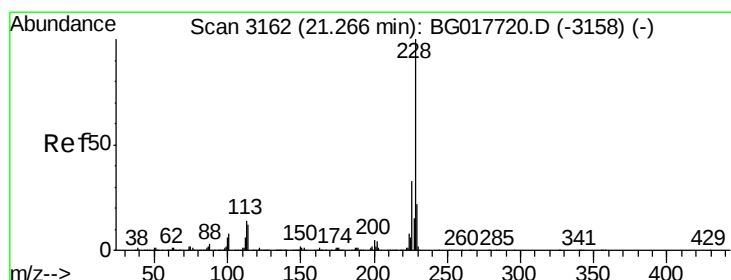
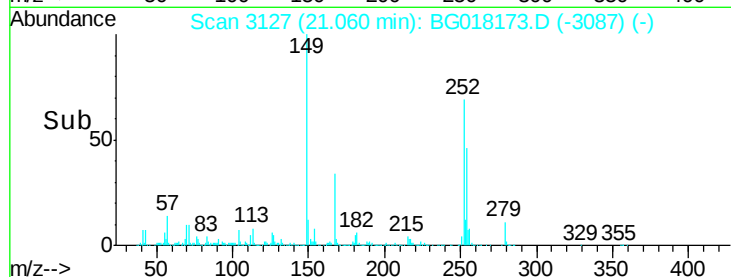
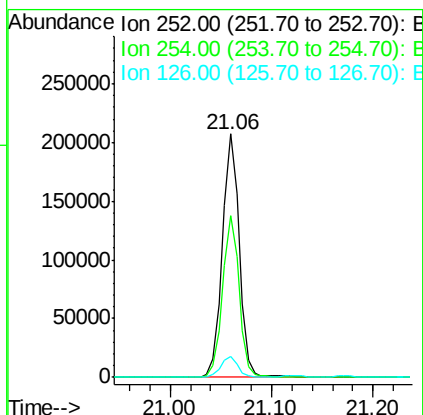
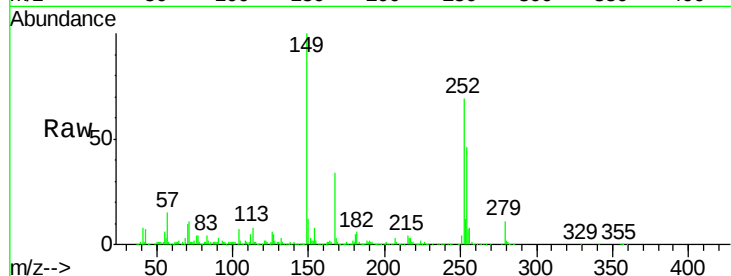




#81  
 3,3'-Dichlorobenzidine  
 Concen: 43.47 ng  
 RT: 21.06 min Scan# 3127  
 Delta R.T. -0.07 min  
 Lab File: BG018173.D  
 Acq: 30 Jul 2015 13:17

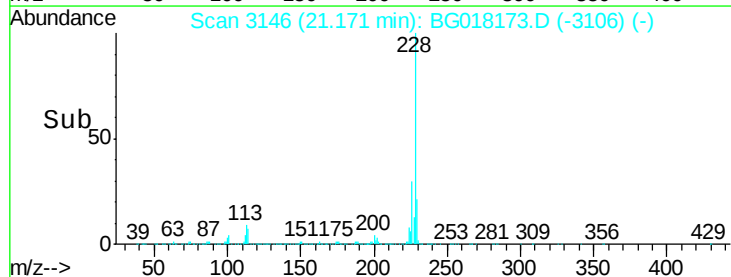
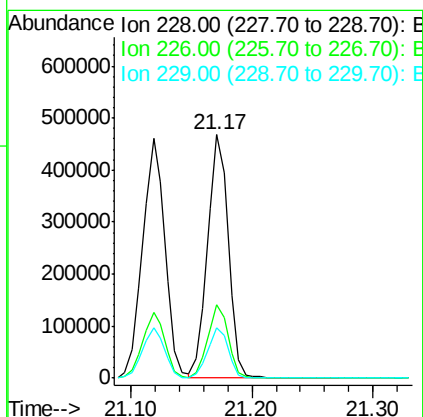
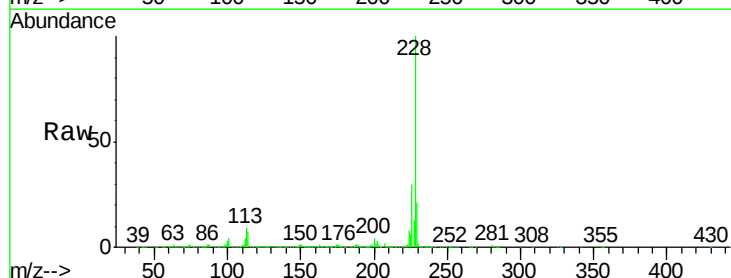
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

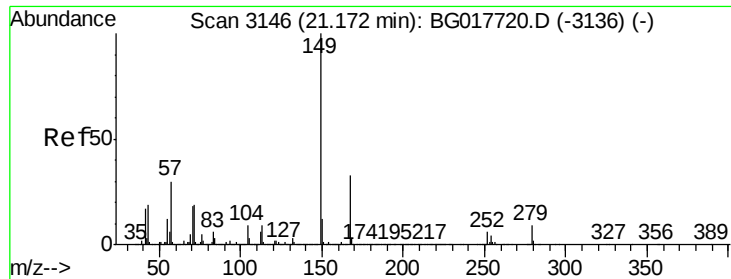
Tgt Ion: 252 Resp: 240573  
 Ion Ratio Lower Upper  
 252 100  
 254 66.3 51.2 76.8  
 126 8.5 11.4 17.0#



#82  
 Chrysene  
 Concen: 38.00 ng  
 RT: 21.17 min Scan# 3146  
 Delta R.T. -0.07 min  
 Lab File: BG018173.D  
 Acq: 30 Jul 2015 13:17

Tgt Ion: 228 Resp: 552284  
 Ion Ratio Lower Upper  
 228 100  
 226 30.3 26.1 39.1  
 229 20.9 17.7 26.5

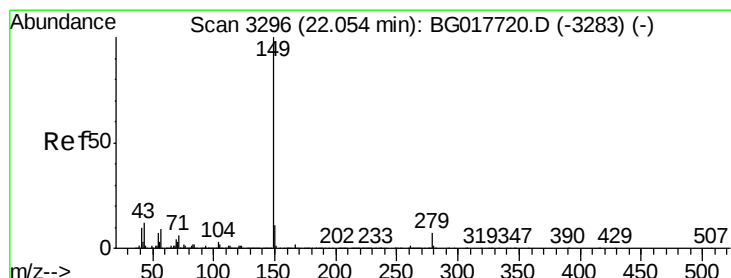
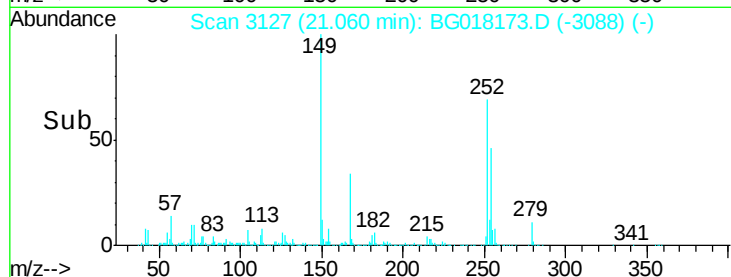
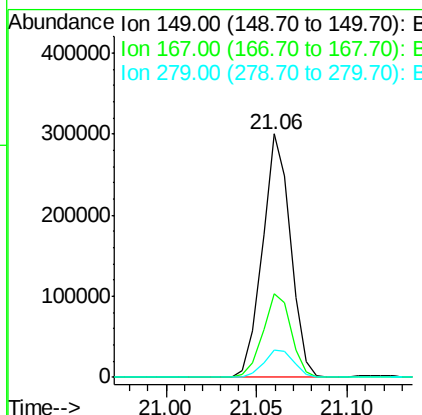
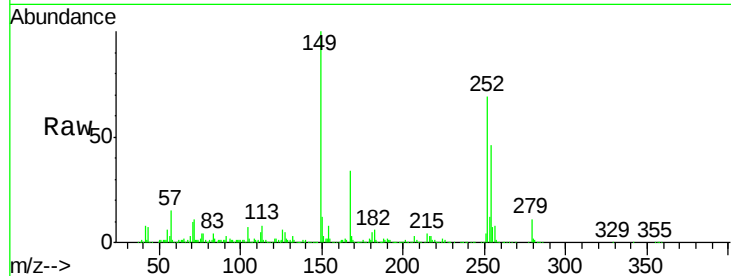




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 32.32 ng  
 RT: 21.06 min Scan# 3127  
 Delta R.T. -0.07 min  
 Lab File: BG018173.D  
 Acq: 30 Jul 2015 13:17

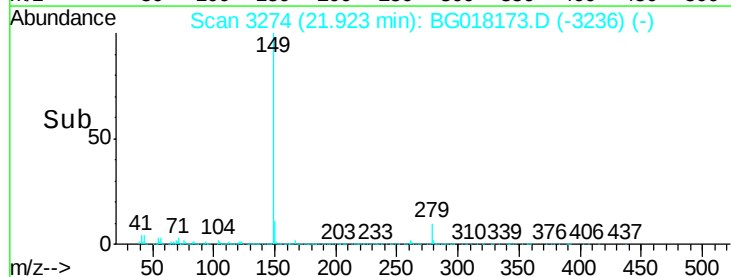
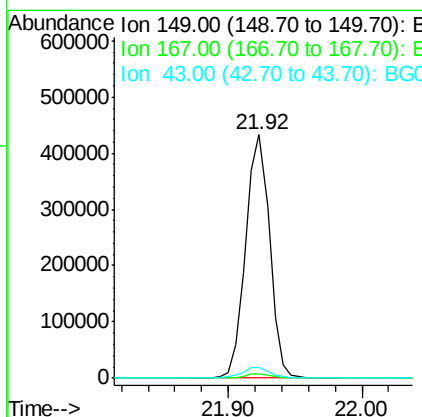
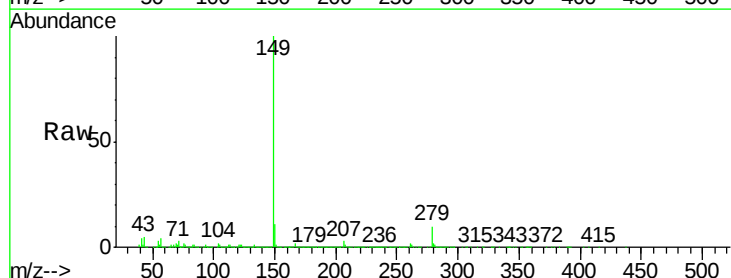
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

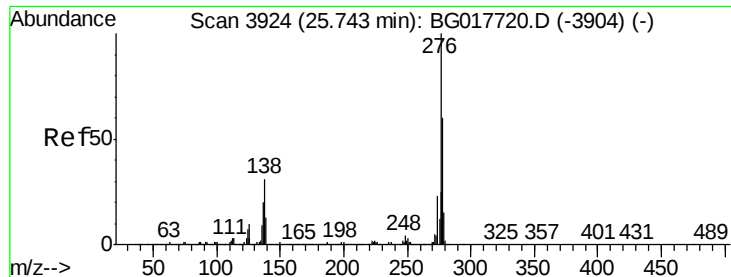
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 34.2  | 26.6  | 39.8  |
| 279     | 11.4  | 6.9   | 10.3  |



#84  
 Di-n-octyl phthalate  
 Concen: 33.80 ng  
 RT: 21.92 min Scan# 3274  
 Delta R.T. -0.08 min  
 Lab File: BG018173.D  
 Acq: 30 Jul 2015 13:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.9   | 1.4   | 2.0   |
| 43      | 4.6   | 9.7   | 14.5  |





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.34 ng

RT: 25.53 min Scan# 3888

Delta R.T. -0.14 min

Lab File: BG018173.D

Acq: 30 Jul 2015 13:17

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

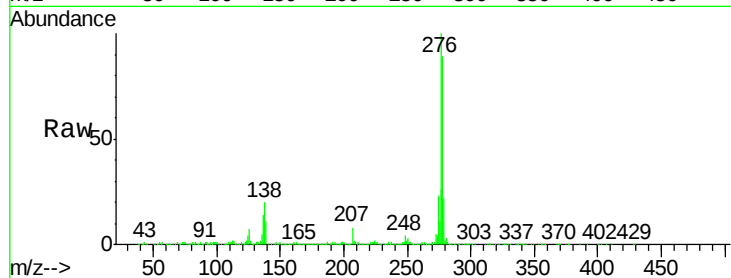
Tgt Ion:276 Resp: 673906

Ion Ratio Lower Upper

276 100

138 19.5 25.4 38.0#

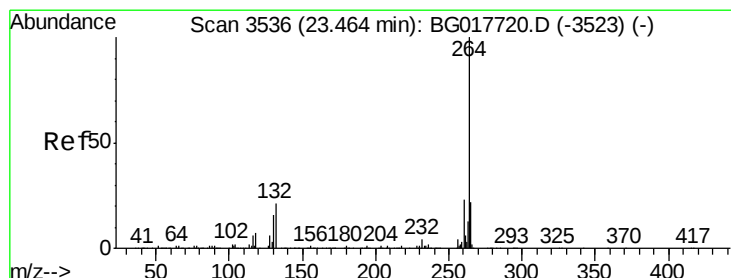
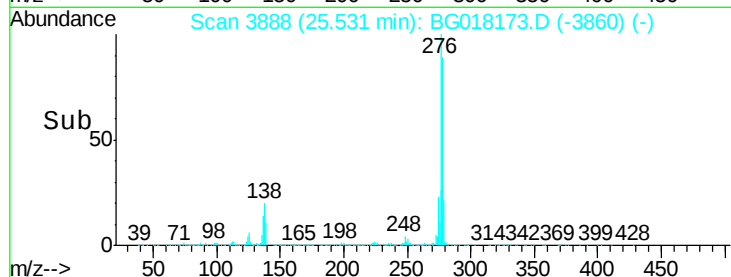
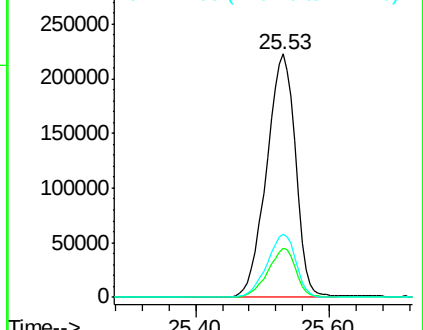
277 25.9 21.0 31.4



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: 23.32 min Scan# 3511

Delta R.T. -0.10 min

Lab File: BG018173.D

Acq: 30 Jul 2015 13:17

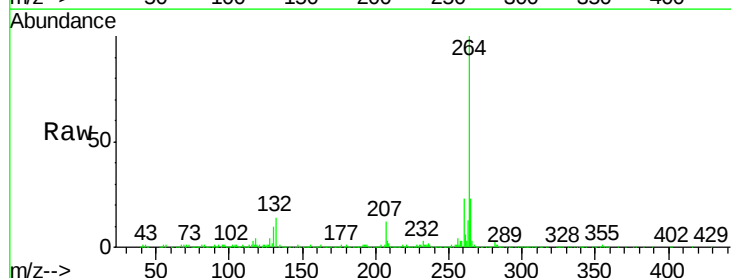
Tgt Ion:264 Resp: 270227

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

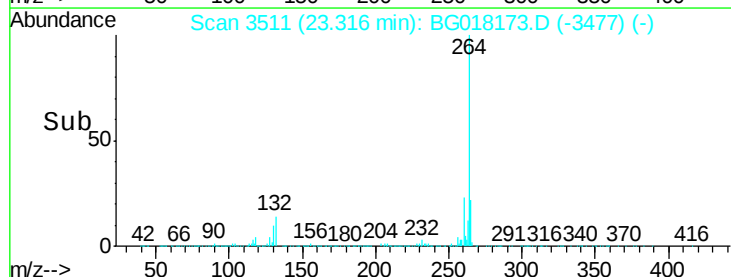
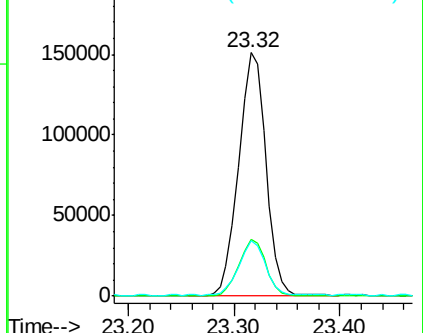
265 22.5 18.2 27.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.60 ng

RT: 22.66 min Scan# 3400

Delta R.T. -0.08 min

Lab File: BG018173.D

Acq: 30 Jul 2015 13:17

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

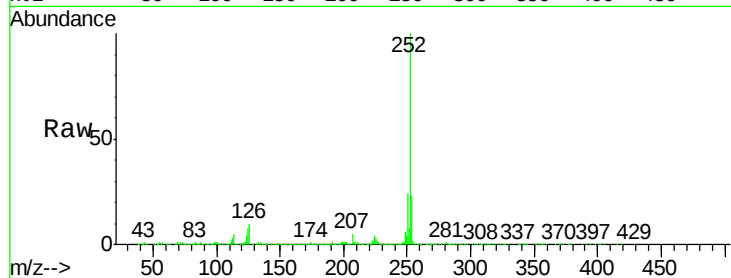
Tgt Ion:252 Resp: 585453

Ion Ratio Lower Upper

252 100

253 22.9 19.7 29.5

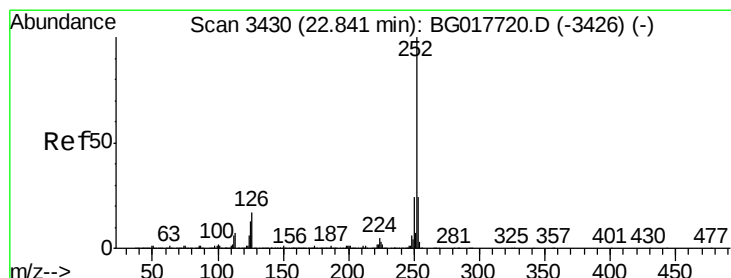
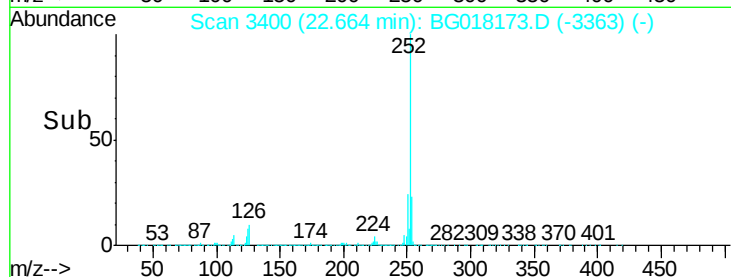
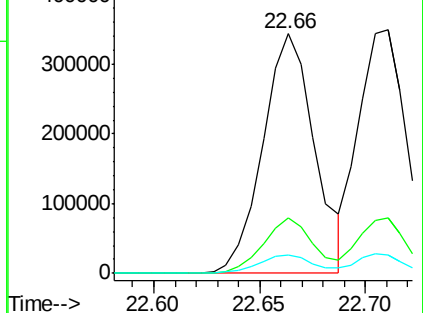
125 7.7 10.6 15.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 36.99 ng

RT: 22.71 min Scan# 3408

Delta R.T. -0.08 min

Lab File: BG018173.D

Acq: 30 Jul 2015 13:17

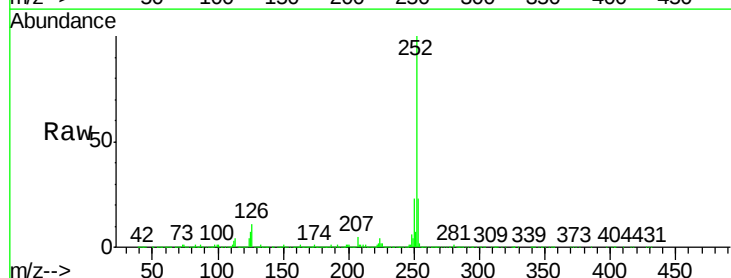
Tgt Ion:252 Resp: 546120

Ion Ratio Lower Upper

252 100

253 22.7 19.0 28.6

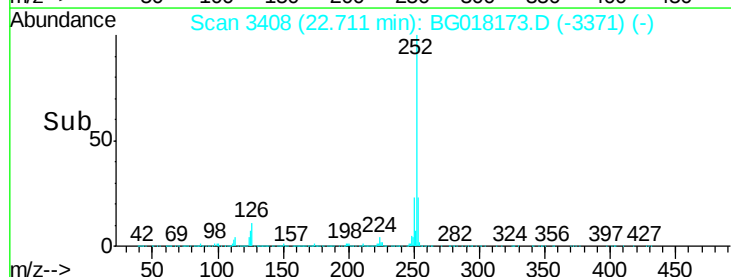
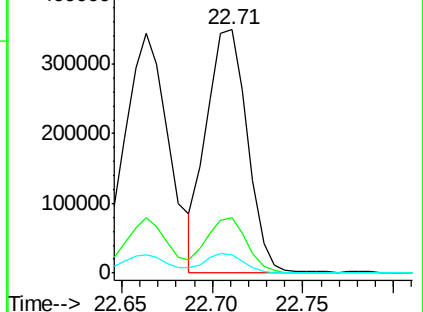
125 7.4 10.3 15.5#

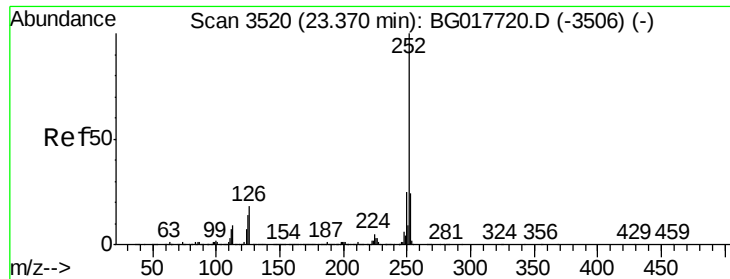


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.68 ng

RT: 23.22 min Scan# 3495

Delta R.T. -0.09 min

Lab File: BG018173.D

Acq: 30 Jul 2015 13:17

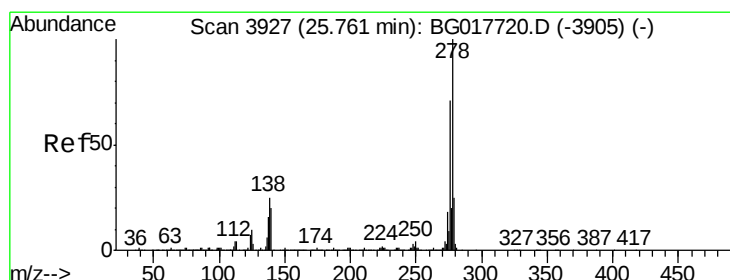
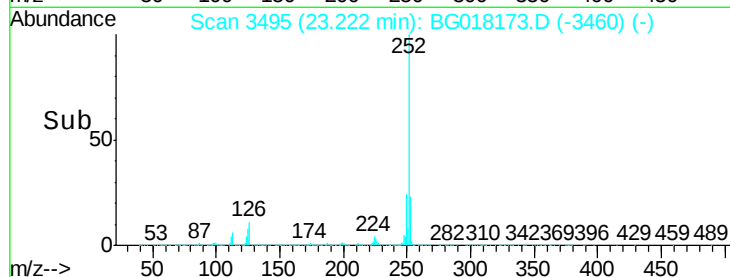
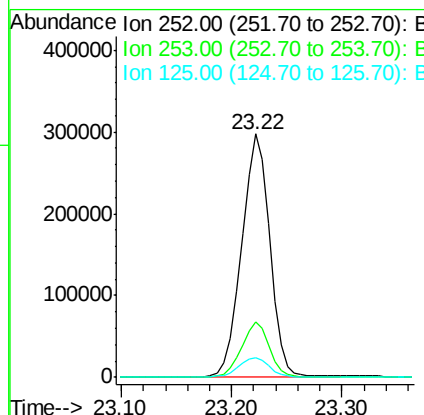
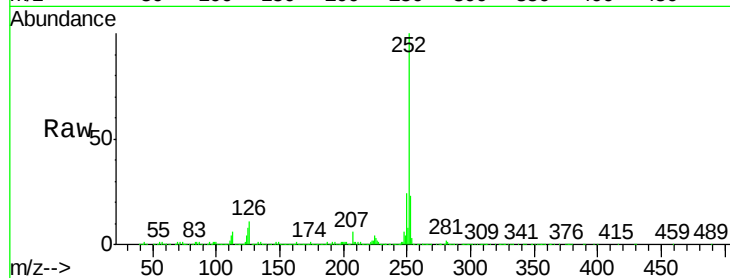
Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 532807 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 253      | 22.8  | 19.0  | 28.6   |
| 125      | 8.2   | 11.1  | 16.7#  |



#90

Dibenzo(a,h)anthracene

Concen: 40.01 ng

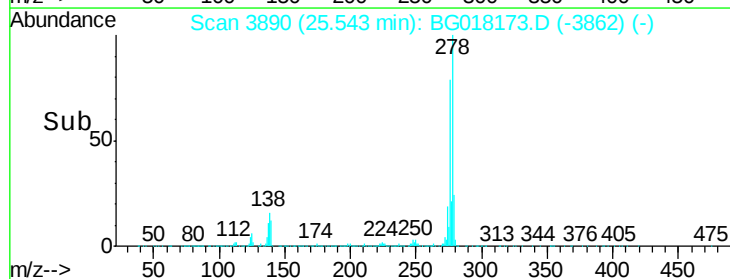
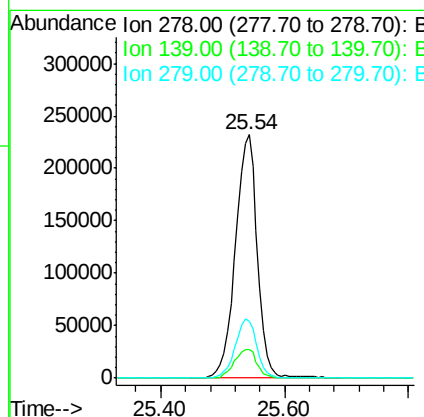
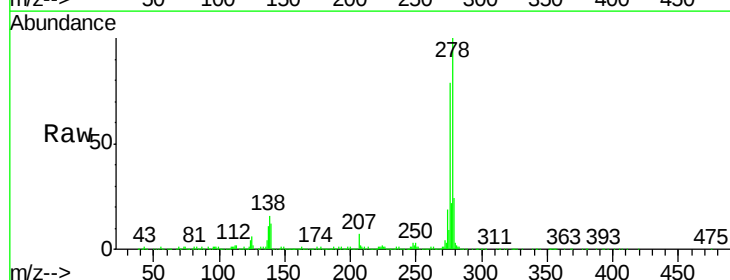
RT: 25.54 min Scan# 3890

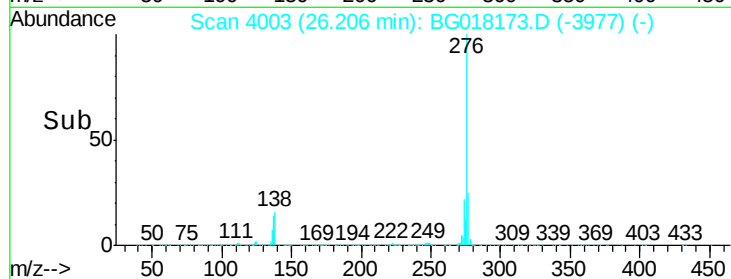
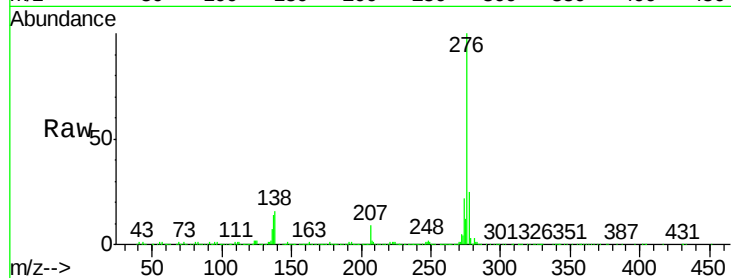
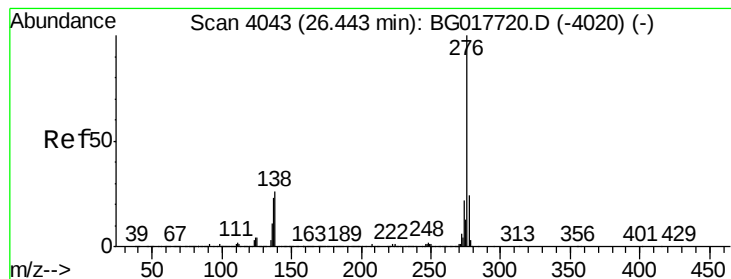
Delta R.T. -0.14 min

Lab File: BG018173.D

Acq: 30 Jul 2015 13:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 278   | Resp: | 571459 |
| Ion      | Ratio | Lower | Upper  |
| 278      | 100   |       |        |
| 139      | 12.0  | 16.2  | 24.2#  |
| 279      | 23.6  | 19.9  | 29.9   |





#91

Benzo(g,h,i)perylene

Concen: 39.09 ng

RT: 26.21 min Scan# 4003

Delta R.T. -0.15 min

Lab File: BG018173.D

Acq: 30 Jul 2015 13:17

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 276 Resp: 538346

Ion Ratio Lower Upper

276 100

277 24.9 18.9 28.3

138 16.2 20.8 31.2#

