

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG091715\  
 Data File : BG018725.D  
 Acq On : 17 Sep 2015 3:15  
 Operator : TP  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Sep 17 06:44:24 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG091115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 11 10:44:16 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.00  | 152  | 53799    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.80 | 136  | 254108   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.63 | 164  | 176159   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.37 | 188  | 448830   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.63 | 240  | 461724   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.82 | 264  | 477693   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.57  | 112 | 245835  | 78.94 | ng | 0.00 |
| 7) Phenol-d6             | 7.17  | 99  | 371181  | 83.12 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.16  | 82  | 344979  | 75.97 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.12 | 330 | 191960  | 80.93 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.25 | 172 | 969603  | 76.41 | ng | 0.00 |
| 78) Terphenyl-d14        | 19.98 | 244 | 1363150 | 77.53 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.48  | 88  | 47266  | 36.31 | ng | # 100  |
| 3) Pyridine                    | 3.87  | 79  | 151467 | 37.53 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.78  | 42  | 50838  | 36.18 | ng | 86     |
| 6) Aniline                     | 7.33  | 93  | 247524 | 40.22 | ng | 96     |
| 8) 2-Chlorophenol              | 7.57  | 128 | 147062 | 40.89 | ng | 94     |
| 9) Benzaldehyde                | 7.14  | 77  | 95882  | 39.88 | ng | 99     |
| 10) Phenol                     | 7.19  | 94  | 195499 | 41.44 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.42  | 93  | 143686 | 39.31 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.89  | 146 | 165437 | 39.54 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.04  | 146 | 165678 | 39.48 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.36  | 146 | 160539 | 40.07 | ng | 99     |
| 15) Benzyl Alcohol             | 8.24  | 79  | 136251 | 42.33 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.54  | 45  | 159445 | 38.41 | ng | 97     |
| 17) 2-Methylphenol             | 8.44  | 107 | 137877 | 42.06 | ng | 98     |
| 18) Hexachloroethane           | 9.09  | 117 | 57889  | 38.58 | ng | 94     |
| 19) n-Nitroso-di-n-propylamine | 8.81  | 70  | 129358 | 41.13 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.77  | 107 | 202346 | 43.97 | ng | 98     |
| 22) Acetophenone               | 8.82  | 105 | 248269 | 38.57 | ng | # 97   |
| 24) Nitrobenzene               | 9.21  | 77  | 181993 | 37.74 | ng | 98     |
| 25) Isophorone                 | 9.72  | 82  | 383723 | 39.29 | ng | 98     |
| 26) 2-Nitrophenol              | 9.92  | 139 | 94700  | 42.09 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 9.98  | 122 | 164138 | 40.18 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.21 | 93  | 220494 | 39.32 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.45 | 162 | 173569 | 42.04 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.67 | 180 | 182175 | 39.82 | ng | 96     |
| 31) Naphthalene                | 10.86 | 128 | 535455 | 39.35 | ng | 100    |
| 32) Benzoic acid               | 10.12 | 122 | 123848 | 38.41 | ng | 98     |
| 33) 4-Chloroaniline            | 10.96 | 127 | 251645 | 40.87 | ng | 96     |
| 34) Hexachlorobutadiene        | 11.14 | 225 | 105715 | 39.19 | ng | 95     |
| 35) Caprolactam                | 11.74 | 113 | 68446  | 38.56 | ng | 94     |
| 36) 4-Chloro-3-methylphenol    | 12.08 | 107 | 192425 | 41.78 | ng | 94     |
| 37) 2-Methylnaphthalene        | 12.46 | 142 | 402917 | 40.45 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.83 | 216 | 216049 | 38.67 | ng | 100    |
| 40) Hexachlorocyclopentadiene  | 12.81 | 237 | 97726  | 34.83 | ng | 98     |

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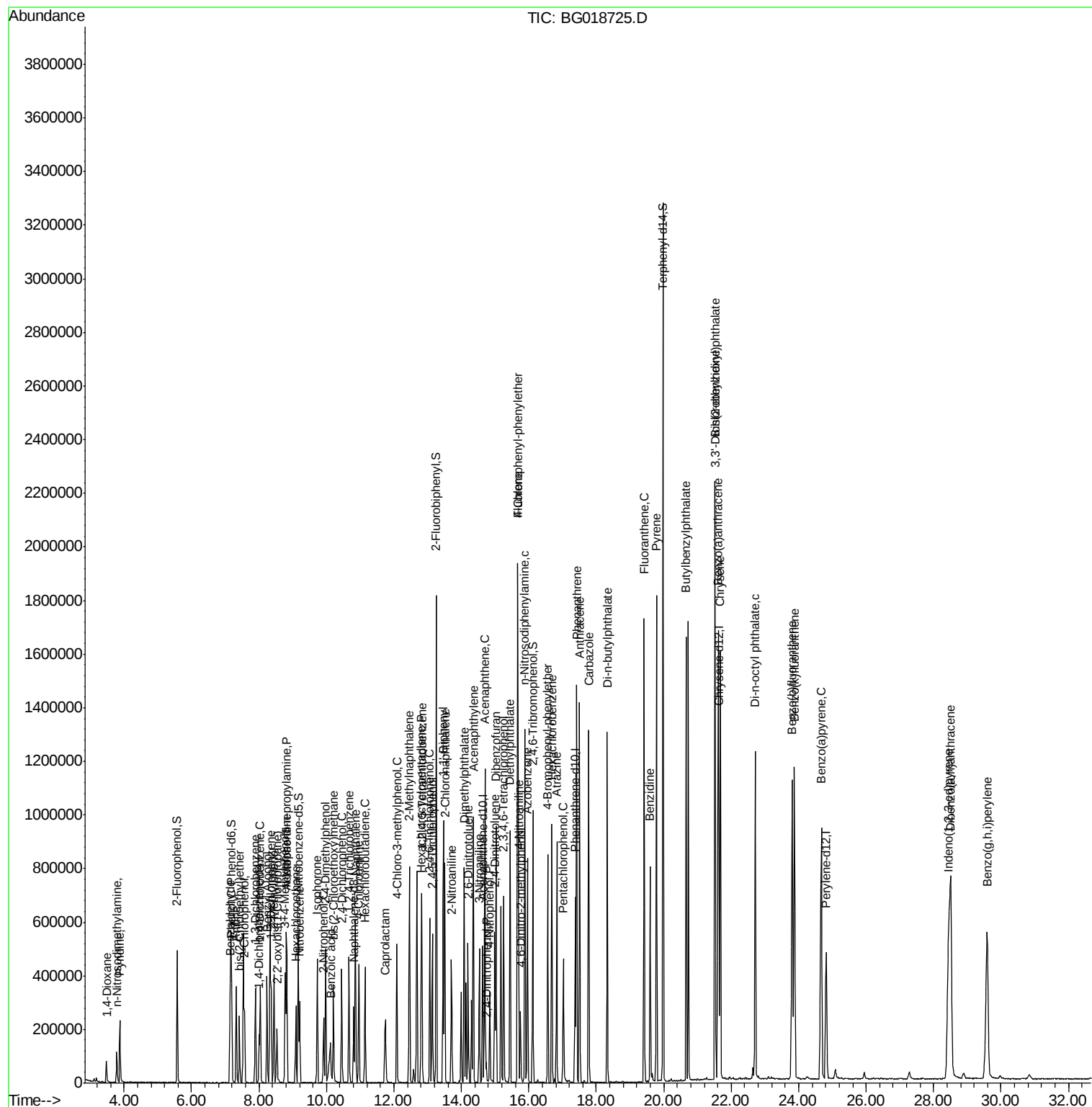
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.07 | 196  | 164078   | 42.41 | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 13.14 | 196  | 171591   | 40.43 | ng    | 99       |
| 45) 1,1'-Biphenyl              | 13.47 | 154  | 541381   | 38.65 | ng    | 98       |
| 46) 2-Chloronaphthalene        | 13.51 | 162  | 422848   | 39.18 | ng    | 97       |
| 47) 2-Nitroaniline             | 13.71 | 65   | 128073   | 39.44 | ng    | 90       |
| 48) Acenaphthylene             | 14.35 | 152  | 755689   | 39.61 | ng    | 97       |
| 49) Dimethylphthalate          | 14.08 | 163  | 563766   | 38.65 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.20 | 165  | 130340   | 41.12 | ng    | 98       |
| 51) Acenaphthene               | 14.69 | 154  | 438284   | 39.49 | ng    | 99       |
| 52) 3-Nitroaniline             | 14.53 | 138  | 148640   | 39.25 | ng    | 93       |
| 53) 2,4-Dinitrophenol          | 14.74 | 184  | 20953    | 19.46 | ng    | 96       |
| 54) Dibenzofuran               | 15.03 | 168  | 672151   | 38.97 | ng    | 99       |
| 55) 4-Nitrophenol              | 14.84 | 139  | 111137   | 38.01 | ng    | 96       |
| 56) 2,4-Dinitrotoluene         | 14.99 | 165  | 183563   | 40.84 | ng    | 96       |
| 57) Fluorene                   | 15.67 | 166  | 575774   | 38.77 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.25 | 232  | 155640   | 39.10 | ng    | 97       |
| 59) Diethylphthalate           | 15.44 | 149  | 575567   | 37.83 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.66 | 204  | 282543   | 39.59 | ng    | 96       |
| 61) 4-Nitroaniline             | 15.70 | 138  | 153537   | 37.60 | ng    | 99       |
| 62) Azobenzene                 | 15.96 | 77   | 504606   | 37.53 | ng    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 15.75 | 198  | 67363    | 30.12 | ng    | 98       |
| 65) n-Nitrosodiphenylamine     | 15.88 | 169  | 516433   | 39.73 | ng    | 100      |
| 66) 4-Bromophenyl-phenylether  | 16.56 | 248  | 185854   | 40.71 | ng    | 97       |
| 67) Hexachlorobenzene          | 16.68 | 284  | 208098   | 41.96 | ng    | 96       |
| 68) Atrazine                   | 16.83 | 200  | 184862   | 35.77 | ng    | 99       |
| 69) Pentachlorophenol          | 17.03 | 266  | 96133    | 31.43 | ng    | 93       |
| 70) Phenanthrene               | 17.41 | 178  | 905652   | 38.36 | ng    | 98       |
| 71) Anthracene                 | 17.50 | 178  | 913590   | 38.22 | ng    | 99       |
| 72) Carbazole                  | 17.77 | 167  | 864133   | 37.35 | ng    | 99       |
| 73) Di-n-butylphthalate        | 18.32 | 149  | 1036238  | 37.97 | ng    | 99       |
| 74) Fluoranthene               | 19.42 | 202  | 1092917  | 37.38 | ng    | 99       |
| 76) Benzidine                  | 19.59 | 184  | 505492   | 36.46 | ng    | 99       |
| 77) Pyrene                     | 19.78 | 202  | 1109702  | 39.11 | ng    | 100      |
| 79) Butylbenzylphthalate       | 20.66 | 149  | 478588   | 41.49 | ng    | 95       |
| 80) Benzo(a)anthracene         | 21.61 | 228  | 1066098  | 40.11 | ng    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 21.53 | 252  | 406809   | 40.28 | ng    | 99       |
| 82) Chrysene                   | 21.68 | 228  | 997517   | 39.85 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.51 | 149  | 683350   | 41.06 | ng    | 99       |
| 84) Di-n-octyl phthalate       | 22.71 | 149  | 1176510  | 41.80 | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.45 | 276  | 1296750  | 40.80 | ng    | # 100    |
| 87) Benzo(b)fluoranthene       | 23.81 | 252  | 1103646  | 39.84 | ng    | 97       |
| 88) Benzo(k)fluoranthene       | 23.87 | 252  | 1077406  | 38.82 | ng    | 98       |
| 89) Benzo(a)pyrene             | 24.67 | 252  | 1057643  | 40.13 | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 28.51 | 278  | 1056417  | 40.70 | ng    | 98       |
| 91) Benzo(g,h,i)perylene       | 29.59 | 276  | 1047839  | 39.65 | ng    | 100      |

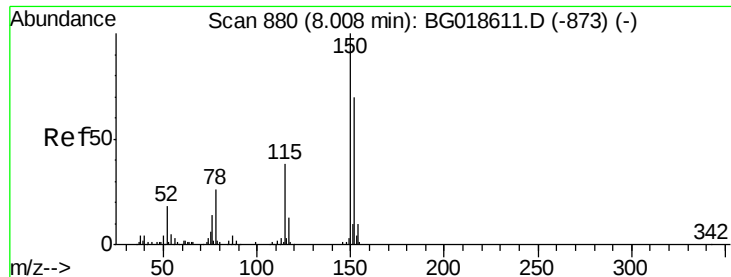
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.00 min Scan# 879

Delta R.T. -0.01 min

Lab File: BG018725.D

Acq: 17 Sep 2015 3:15

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

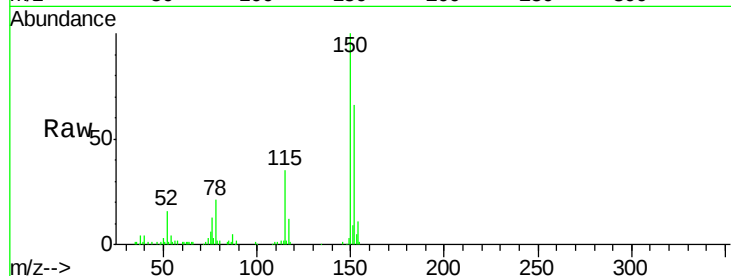
Tgt Ion:152 Resp: 53799

Ion Ratio Lower Upper

152 100

150 152.3 115.0 172.4

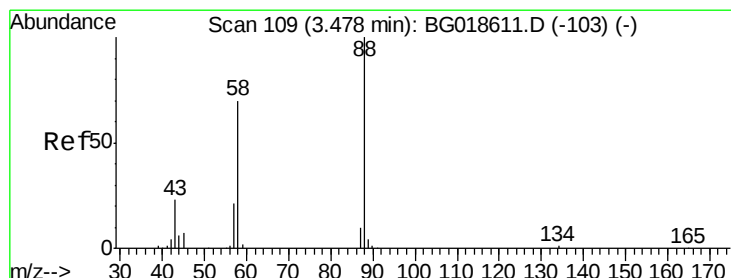
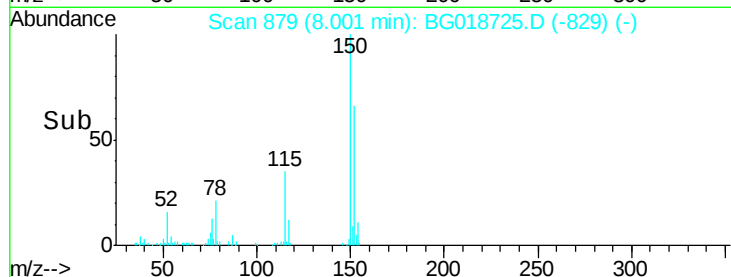
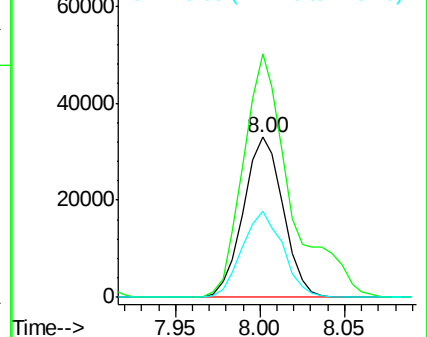
115 53.8 43.9 65.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.31 ng

RT: 3.48 min Scan# 109

Delta R.T. -0.00 min

Lab File: BG018725.D

Acq: 17 Sep 2015 3:15

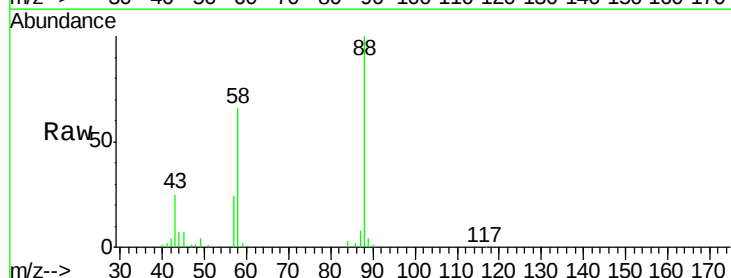
Tgt Ion: 88 Resp: 47266

Ion Ratio Lower Upper

88 100

58 67.2 0.0 0.0#

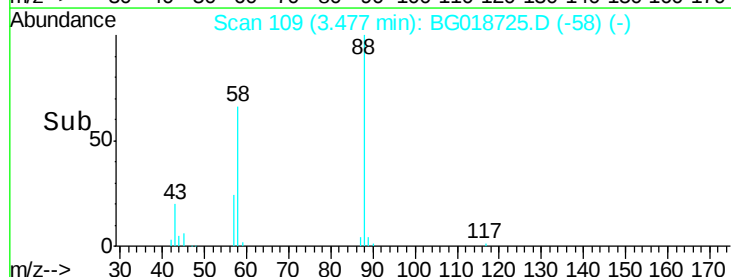
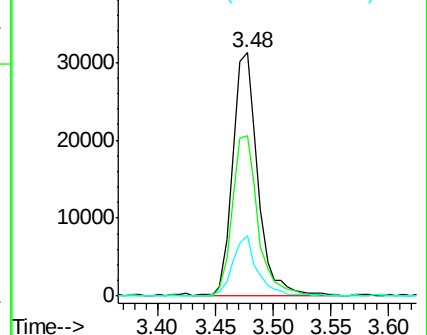
43 24.1 0.0 0.0#

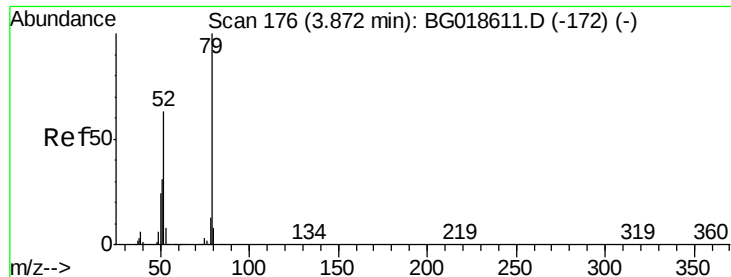


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 37.53 ng

RT: 3.87 min Scan# 176

Delta R.T. -0.01 min

Lab File: BG018725.D

Acq: 17 Sep 2015 3:15

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

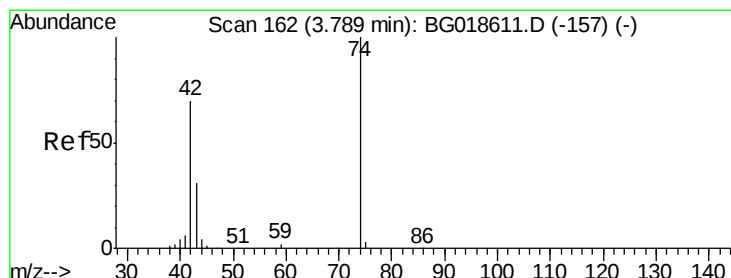
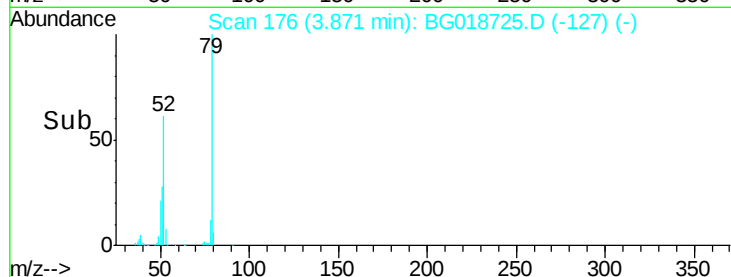
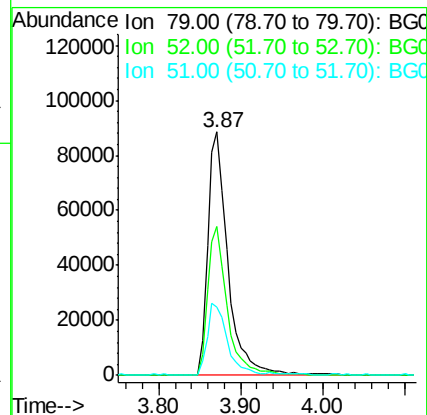
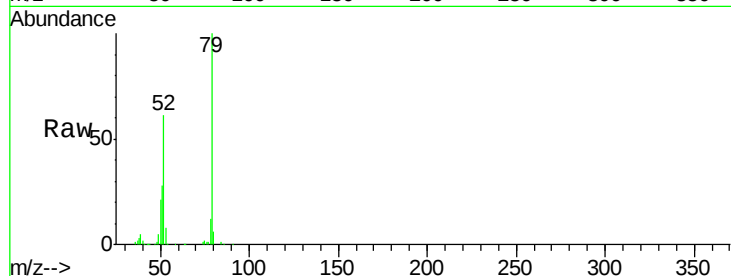
Tgt Ion: 79 Resp: 151467

Ion Ratio Lower Upper

79 100

52 61.4 50.3 75.5

51 28.2 24.8 37.2



#4

n-Nitrosodimethylamine

Concen: 36.18 ng

RT: 3.78 min Scan# 161

Delta R.T. -0.01 min

Lab File: BG018725.D

Acq: 17 Sep 2015 3:15

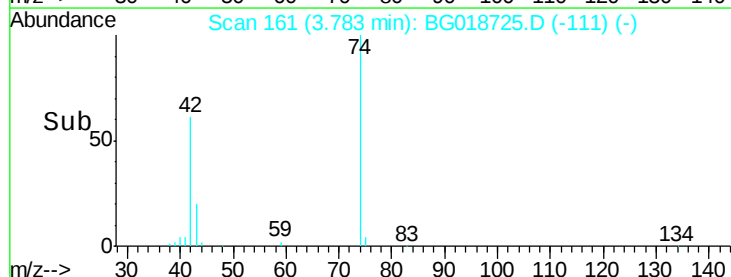
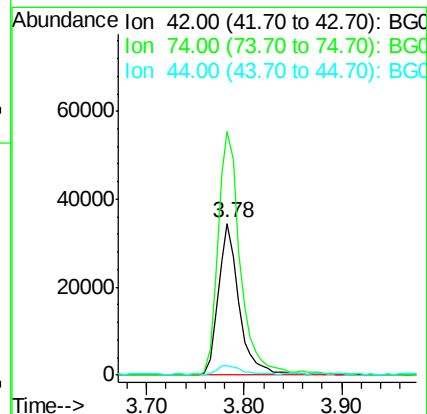
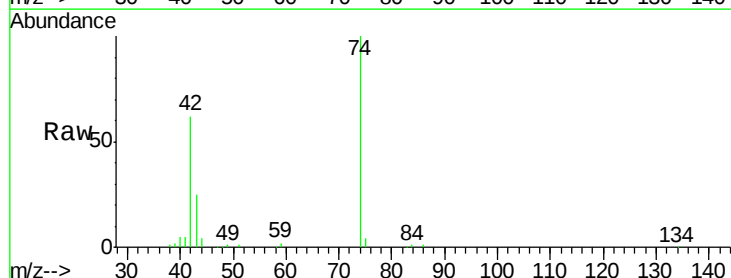
Tgt Ion: 42 Resp: 50838

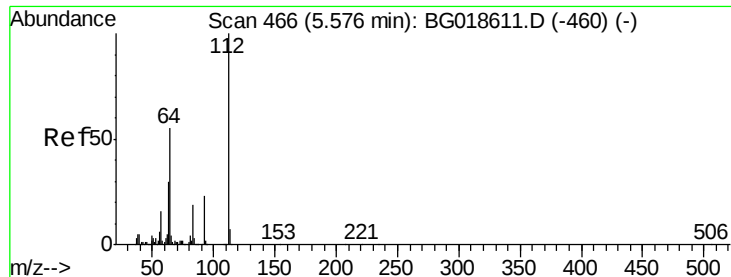
Ion Ratio Lower Upper

42 100

74 160.6 113.9 170.9

44 6.2 5.7 8.5





#5

2-Fluorophenol

Concen: 78.94 ng

RT: 5.57 min Scan# 466

Delta R.T. -0.00 min

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Acq: 17 Sep 2015 3:15

Instrument :

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ClientSampleId :

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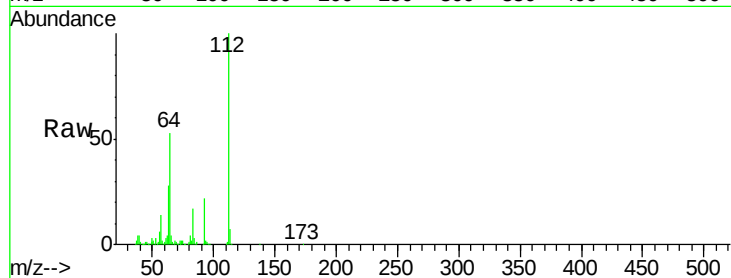
Tgt Ion: 112 Resp: 245835

Ion Ratio Lower Upper

112 100

64 52.9 43.7 65.5

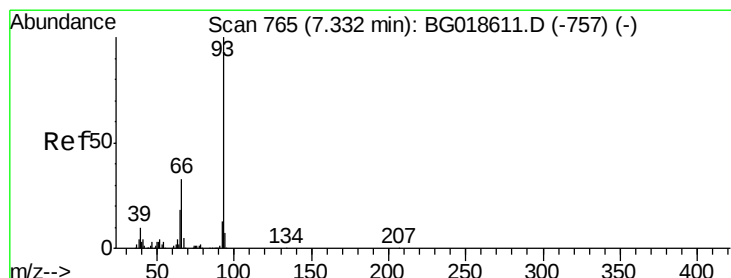
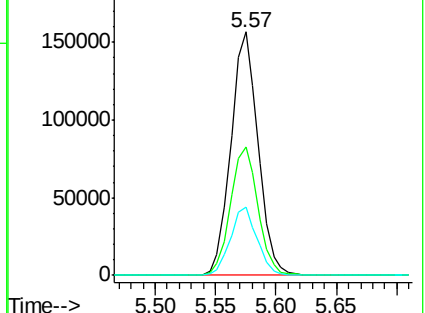
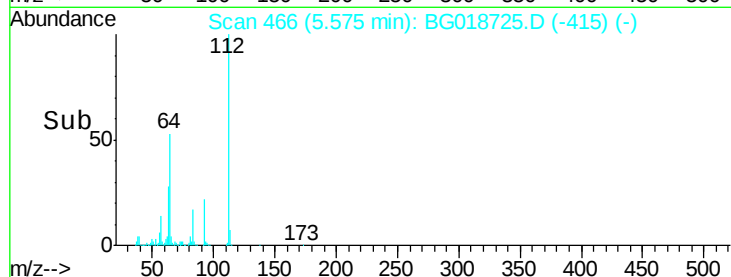
63 28.2 24.0 36.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 40.22 ng

RT: 7.33 min Scan# 764

Delta R.T. -0.00 min

Lab File: BG018725.D

Acq: 17 Sep 2015 3:15

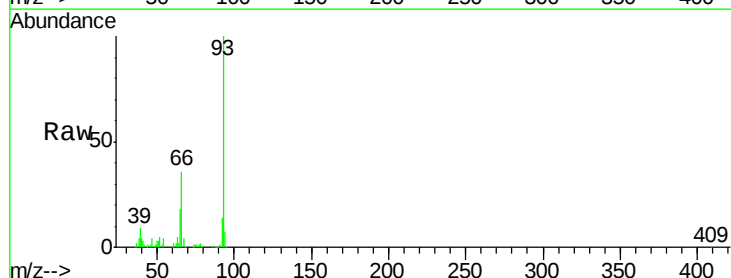
Tgt Ion: 93 Resp: 247524

Ion Ratio Lower Upper

93 100

66 35.7 26.2 39.2

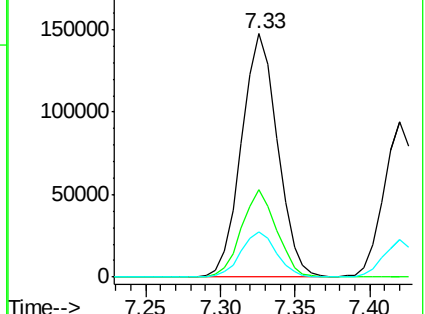
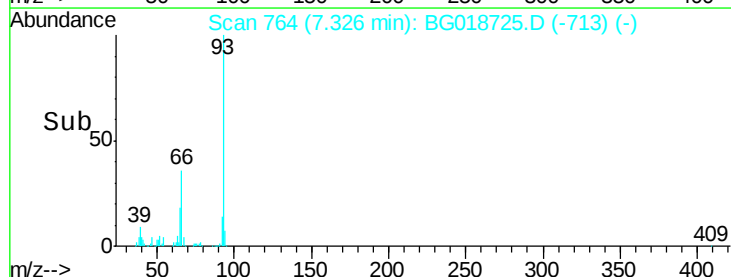
65 18.4 14.0 21.0

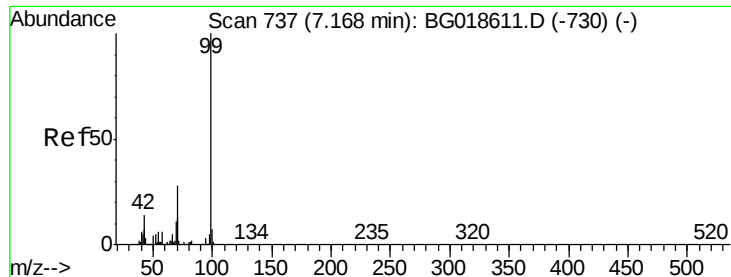


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 83.12 ng

RT: 7.17 min Scan# 737

Delta R.T. 0.00 min

Lab File: BG018725.D

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ClientSampleId :

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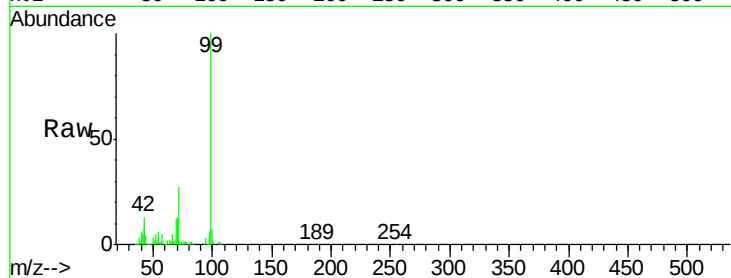
Tgt Ion: 99 Resp: 371181

Ion Ratio Lower Upper

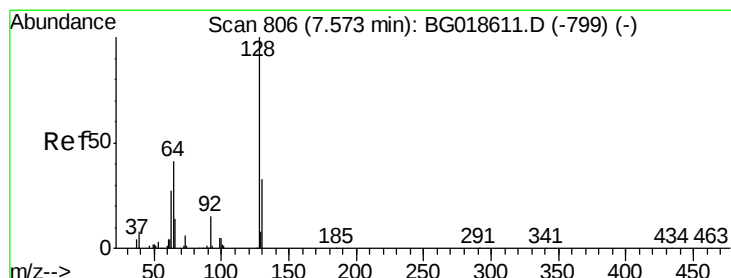
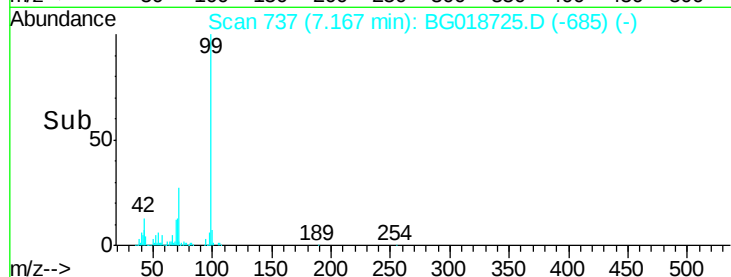
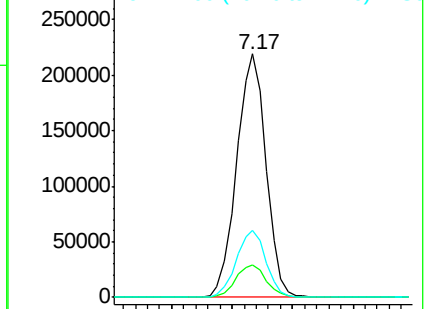
99 100

42 13.2 11.5 17.3

71 27.4 22.6 34.0



Abundance Ion 99.00 (98.70 to 99.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 40.89 ng

RT: 7.57 min Scan# 805

Delta R.T. -0.00 min

Lab File: BG018725.D

Acq: 17 Sep 2015 3:15

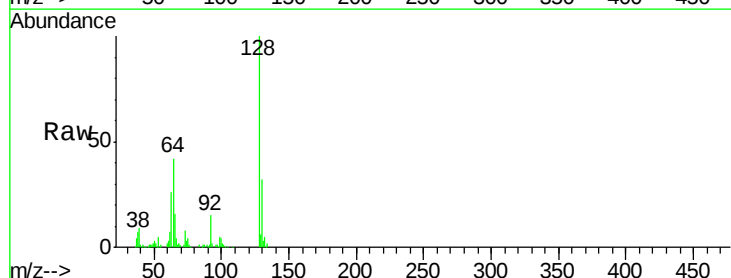
Tgt Ion: 128 Resp: 147062

Ion Ratio Lower Upper

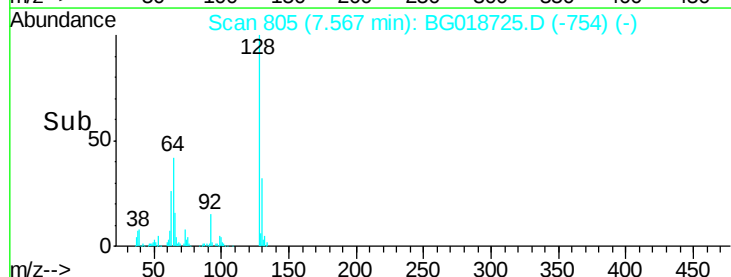
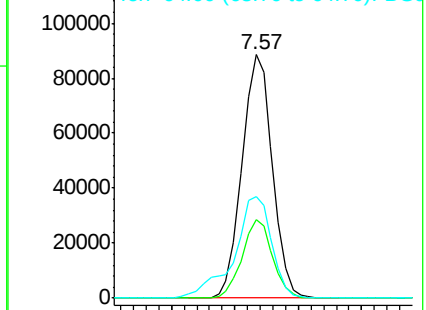
128 100

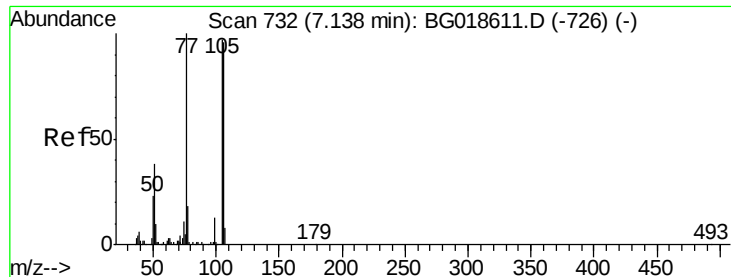
130 32.5 13.0 53.0

64 41.8 28.2 68.2



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





#9

Benzaldehyde

Concen: 39.88 ng

RT: 7.14 min Scan# 732

Delta R.T. -0.00 min

Lab File: BG018725.D

Acq: 17 Sep 2015 3:15

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

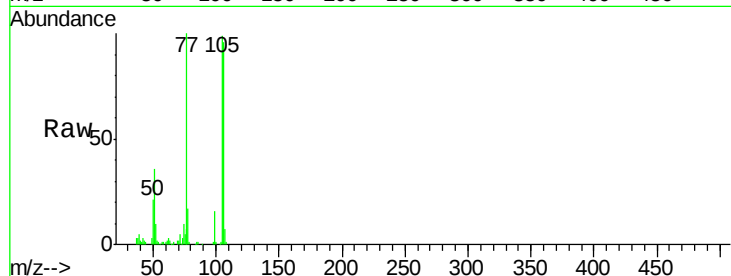
Tgt Ion: 77 Resp: 95882

Ion Ratio Lower Upper

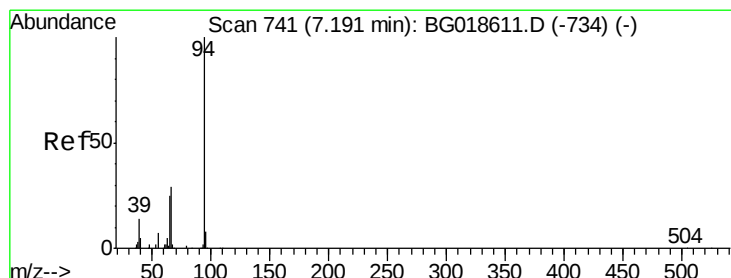
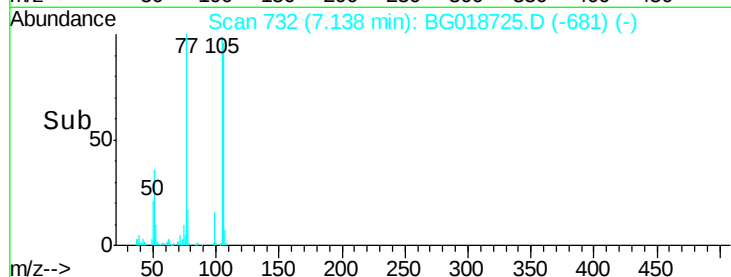
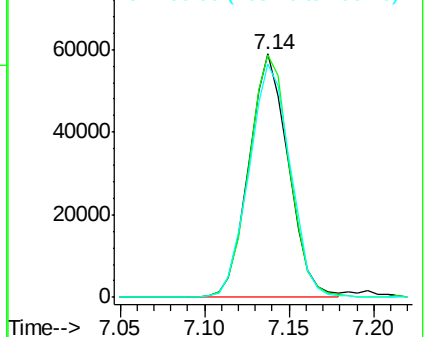
77 100

105 99.3 77.7 117.7

106 95.8 75.8 115.8



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



#10

Phenol

Concen: 41.44 ng

RT: 7.19 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG018725.D

Acq: 17 Sep 2015 3:15

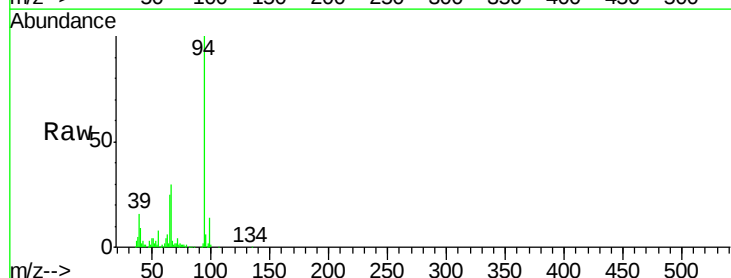
Tgt Ion: 94 Resp: 195499

Ion Ratio Lower Upper

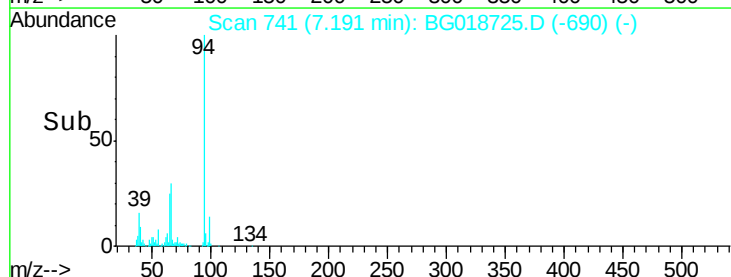
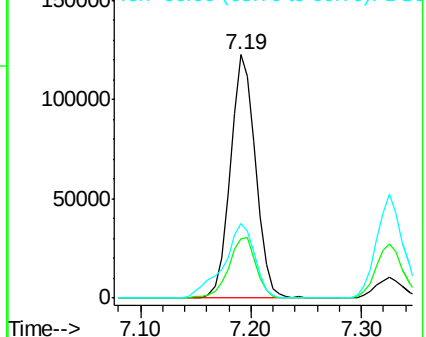
94 100

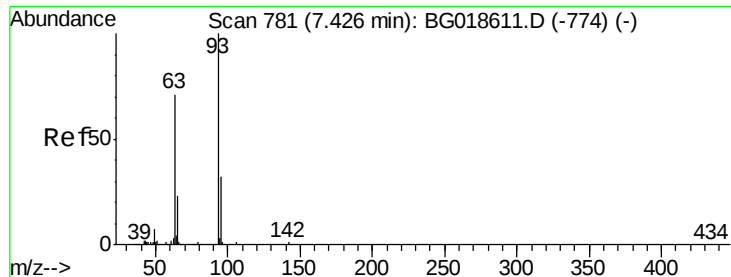
65 24.6 5.4 45.4

66 30.4 11.8 51.8



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

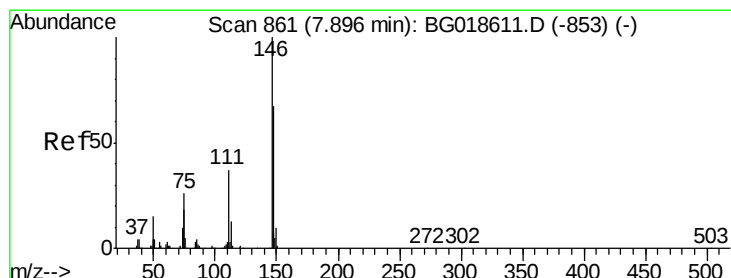
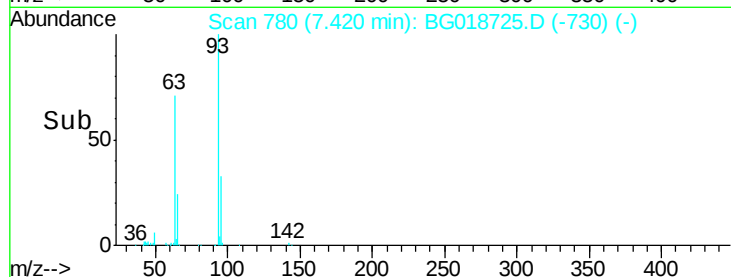
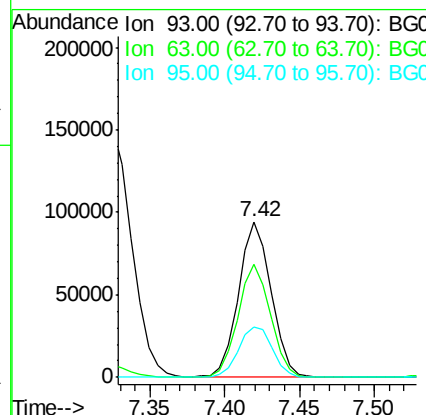
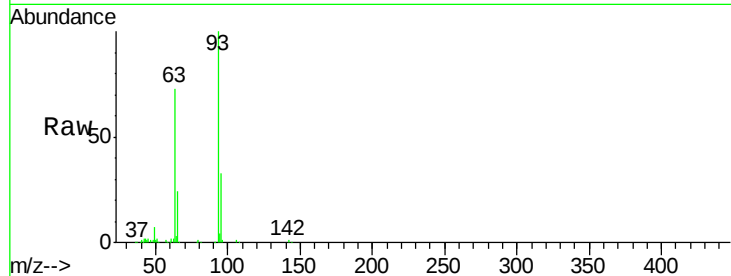




#11  
bis(2-Chloroethyl)ether  
Concen: 39.31 ng  
RT: 7.42 min Scan# 780  
Delta R.T. -0.01 min  
Lab File: BG018725.D  
Acq: 17 Sep 2015 3:15

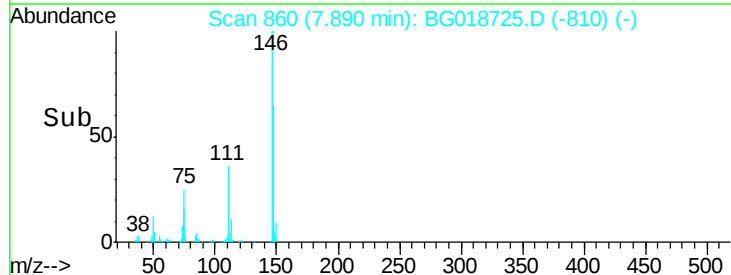
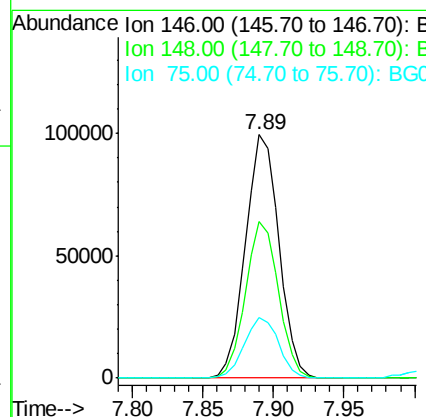
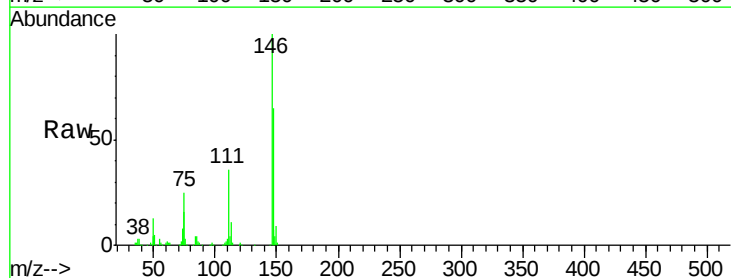
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

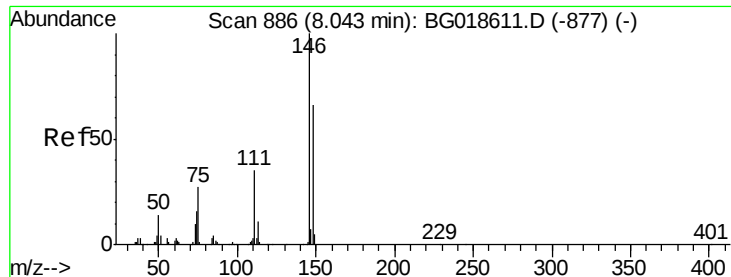
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 72.7  | 50.5  | 90.5  |
| 95      | 32.7  | 12.2  | 52.2  |



#12  
1,3-Dichlorobenzene  
Concen: 39.54 ng  
RT: 7.89 min Scan# 860  
Delta R.T. -0.01 min  
Lab File: BG018725.D  
Acq: 17 Sep 2015 3:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.5  | 53.4  | 80.0  |
| 75      | 24.9  | 21.1  | 31.7  |

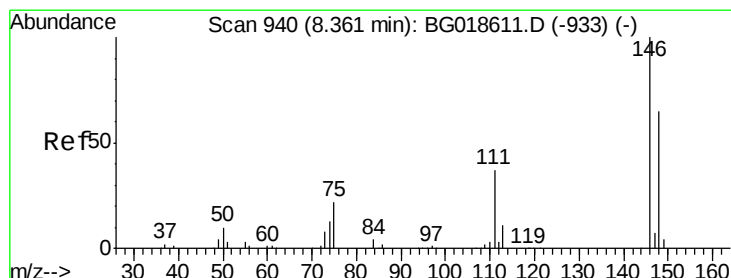
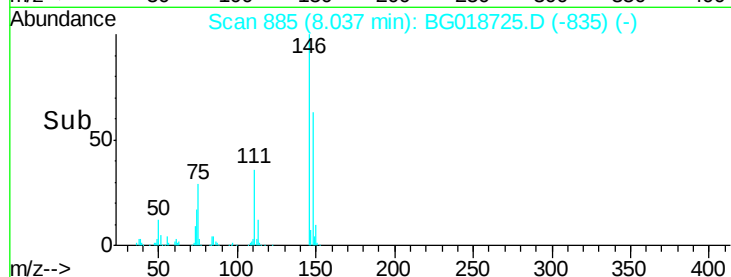
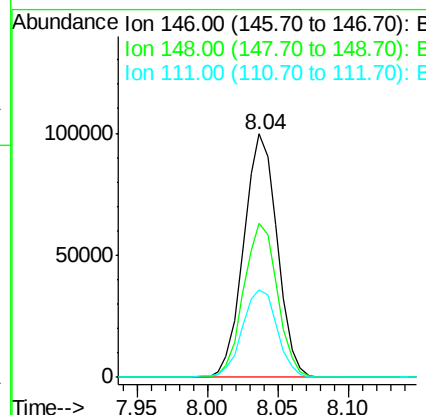
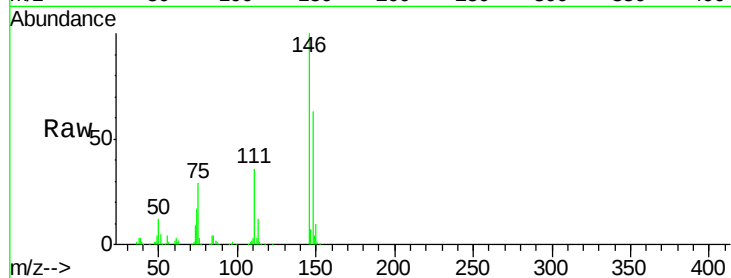




#13  
 1,4-Dichlorobenzene  
 Concen: 39.48 ng  
 RT: 8.04 min Scan# 885  
 Delta R.T. -0.01 min  
 Lab File: BG018725.D  
 Acq: 17 Sep 2015 3:15

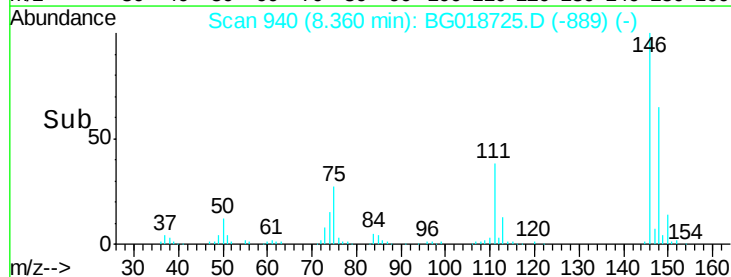
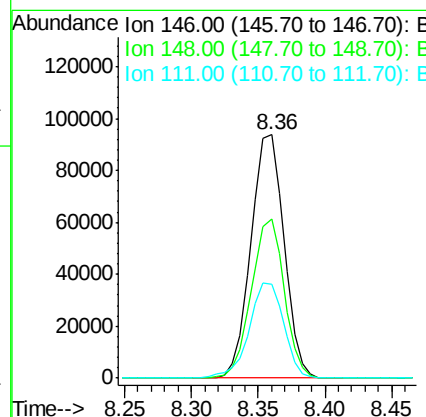
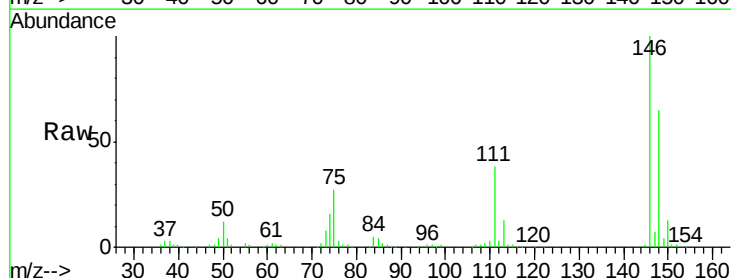
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

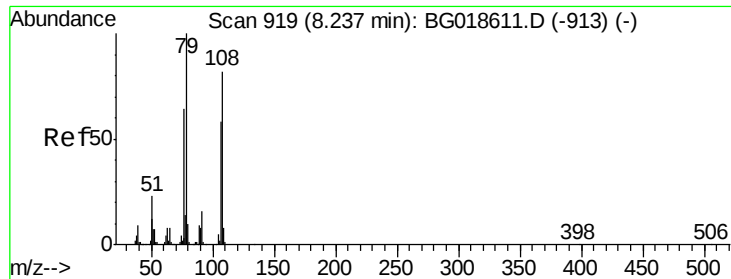
Tgt Ion:146 Resp: 165678  
 Ion Ratio Lower Upper  
 146 100  
 148 63.4 52.5 78.7  
 111 35.9 28.3 42.5



#14  
 1,2-Dichlorobenzene  
 Concen: 40.07 ng  
 RT: 8.36 min Scan# 940  
 Delta R.T. -0.00 min  
 Lab File: BG018725.D  
 Acq: 17 Sep 2015 3:15

Tgt Ion:146 Resp: 160539  
 Ion Ratio Lower Upper  
 146 100  
 148 65.3 52.5 78.7  
 111 38.4 29.9 44.9





#15

Benzyl Alcohol

Concen: 42.33 ng

RT: 8.24 min Scan# 919

Delta R.T. -0.00 min

Lab File: BG018725.D

Acq: 17 Sep 2015 3:15

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

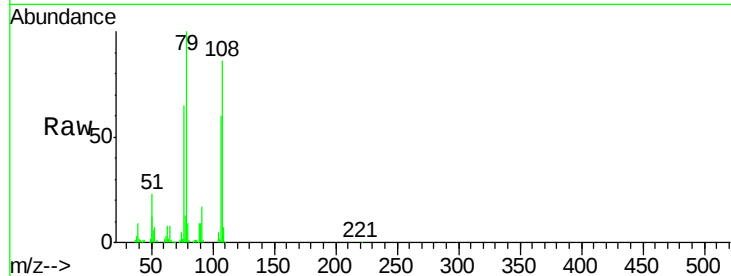
Tgt Ion: 79 Resp: 136251

Ion Ratio Lower Upper

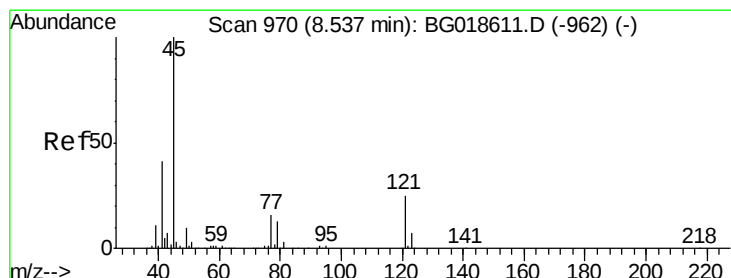
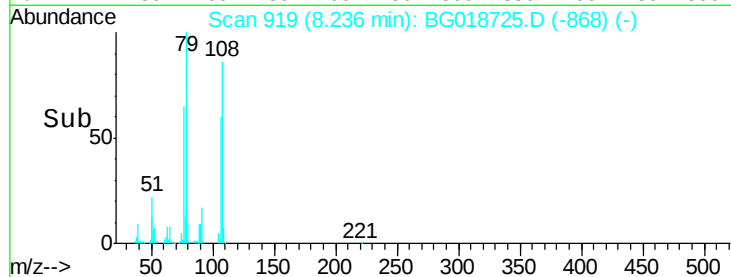
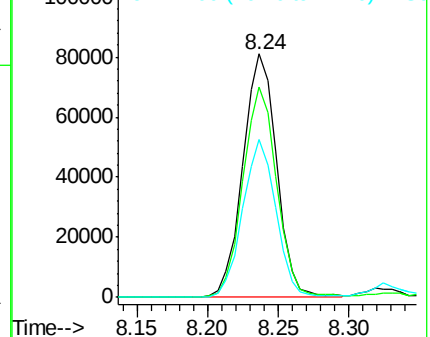
79 100

108 86.2 65.5 98.3

77 65.0 51.3 76.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.41 ng

RT: 8.54 min Scan# 970

Delta R.T. -0.00 min

Lab File: BG018725.D

Acq: 17 Sep 2015 3:15

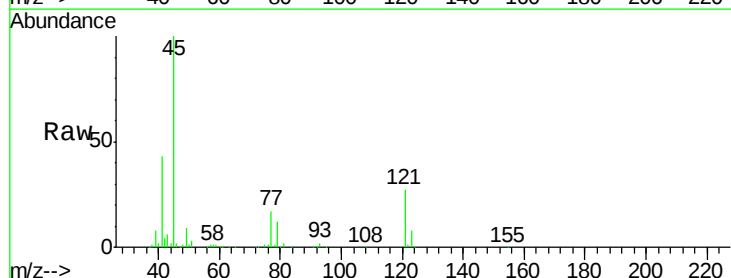
Tgt Ion: 45 Resp: 159445

Ion Ratio Lower Upper

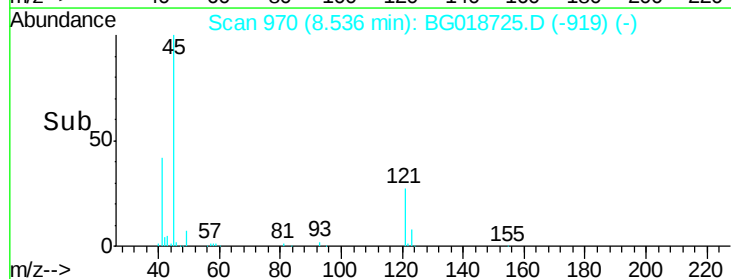
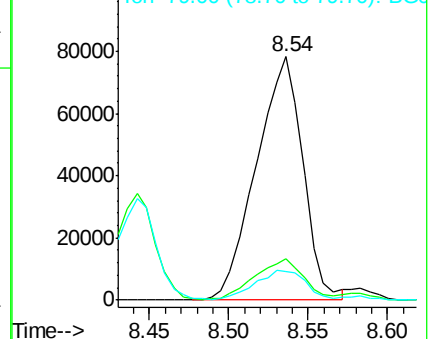
45 100

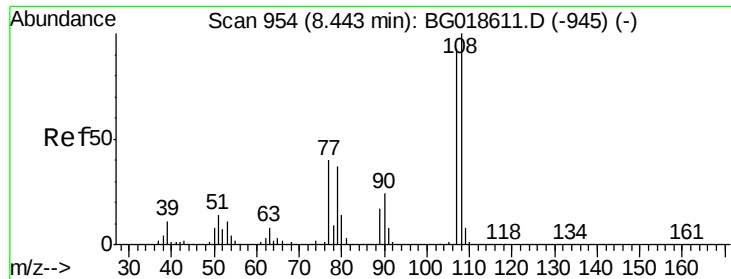
77 16.8 0.0 37.0

79 11.7 0.0 33.8



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





#17

2-Methylphenol

Concen: 42.06 ng

RT: 8.44 min Scan# 954

Delta R.T. -0.00 min

Lab File: BG018725.D

Acq: 17 Sep 2015 3:15

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 137877

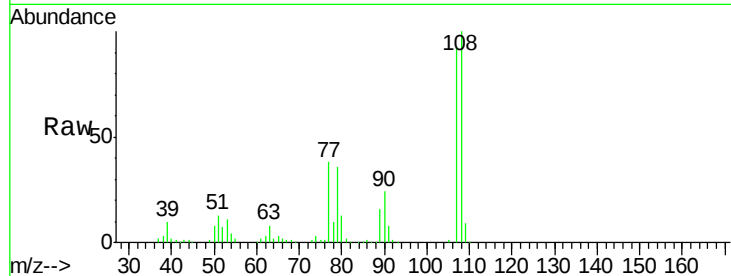
Ion Ratio Lower Upper

107 100

108 107.3 86.5 129.7

77 40.5 34.6 51.8

79 38.3 32.3 48.5

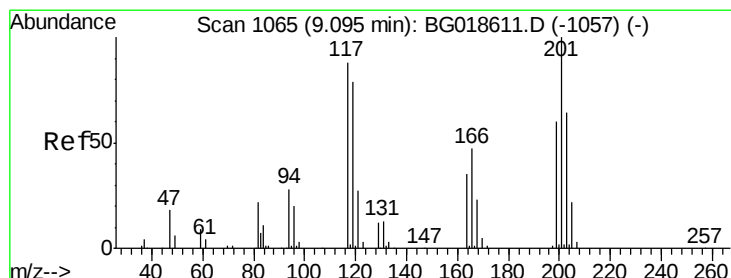
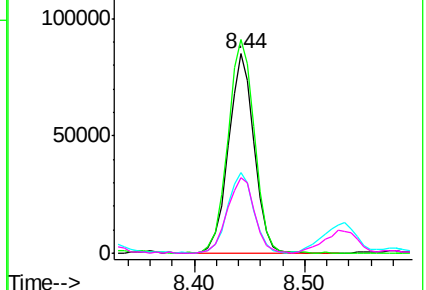
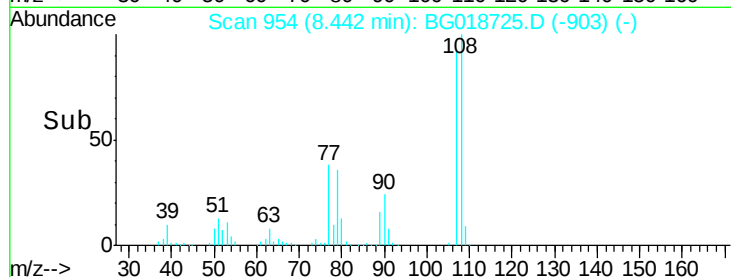


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.58 ng

RT: 9.09 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BG018725.D

Acq: 17 Sep 2015 3:15

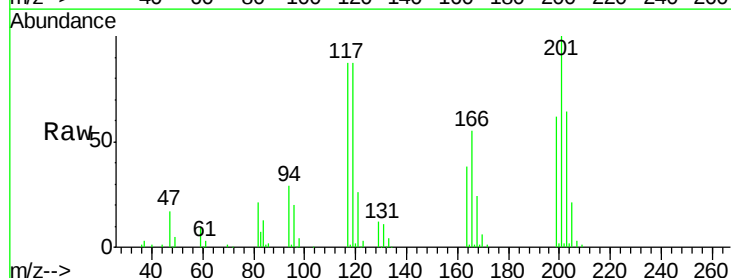
Tgt Ion:117 Resp: 57889

Ion Ratio Lower Upper

117 100

119 100.7 71.7 107.5

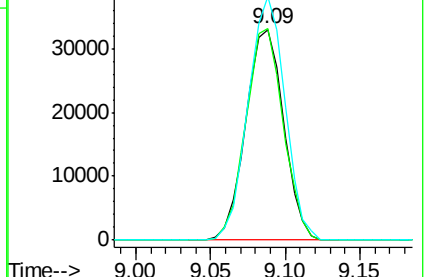
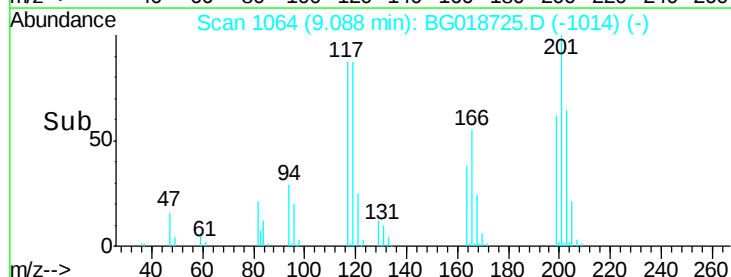
201 115.6 90.9 136.3

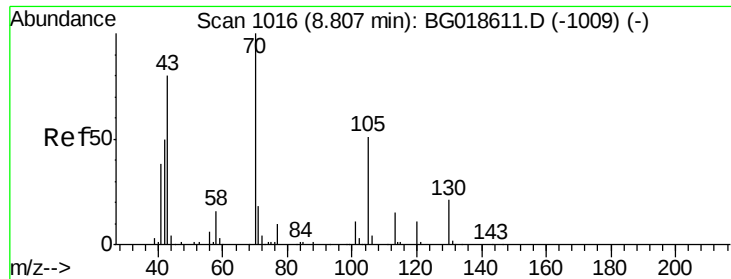


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

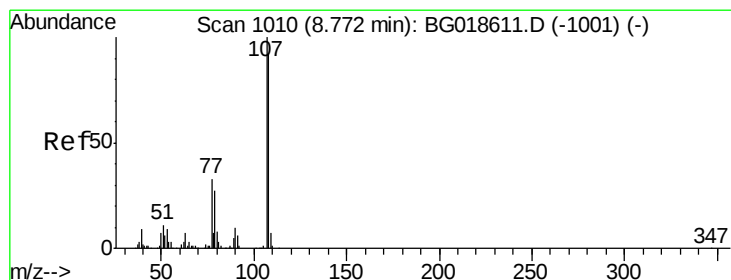
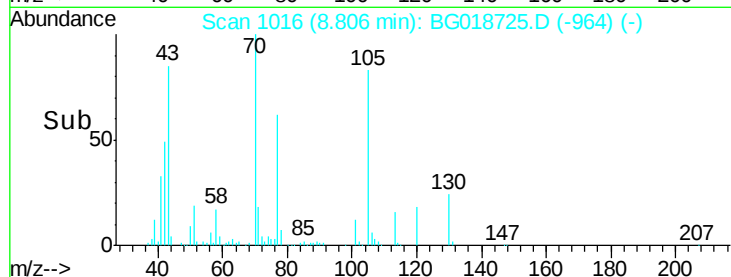
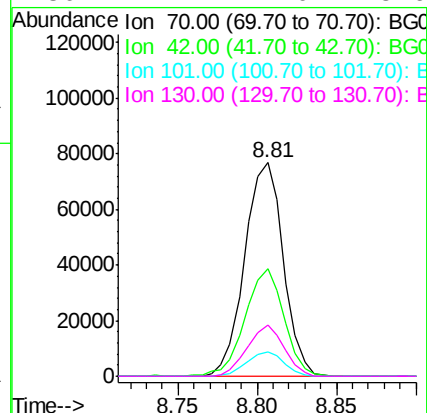
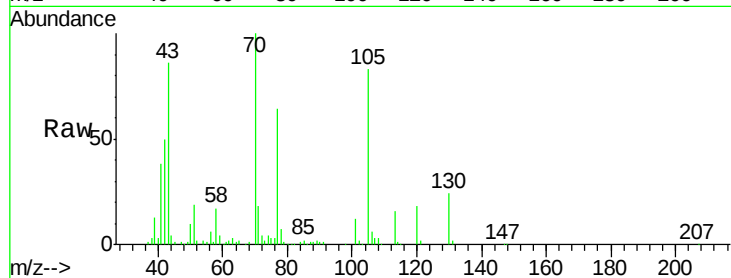




#19  
n-Nitroso-di-n-propylamine  
Concen: 41.13 ng  
RT: 8.81 min Scan# 1016  
Delta R.T. 0.00 min  
Lab File: BG018725.D  
Acq: 17 Sep 2015 3:15

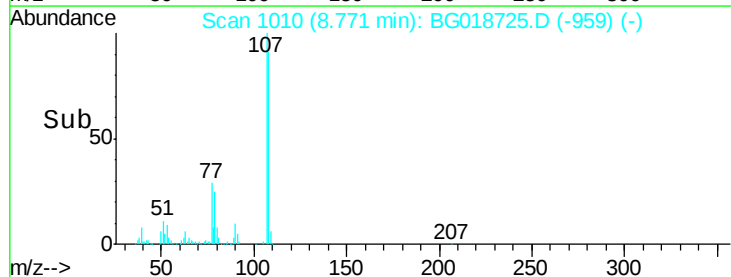
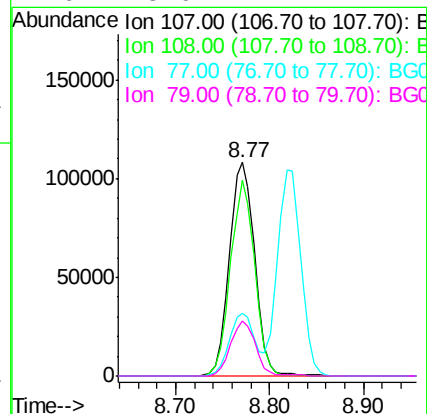
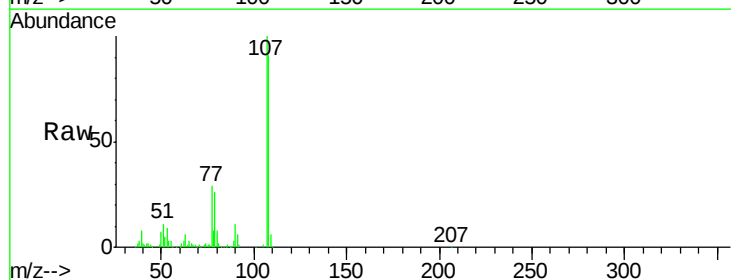
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

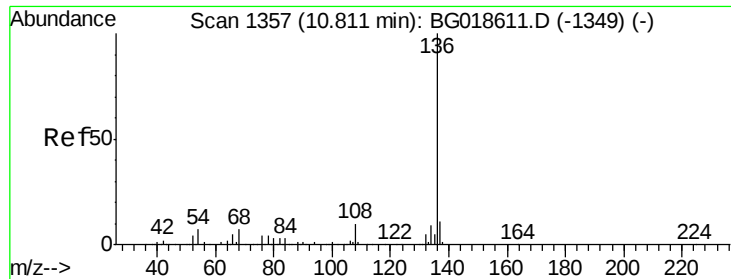
Tgt Ion: 70 Resp: 129358  
Ion Ratio Lower Upper  
70 100  
42 50.1 40.6 60.8  
101 11.7 8.6 13.0  
130 24.2 17.0 25.6



#20  
3+4-Methylphenols  
Concen: 43.97 ng  
RT: 8.77 min Scan# 1010  
Delta R.T. -0.00 min  
Lab File: BG018725.D  
Acq: 17 Sep 2015 3:15

Tgt Ion: 107 Resp: 202346  
Ion Ratio Lower Upper  
107 100  
108 91.5 72.2 112.2  
77 29.4 13.4 53.4  
79 25.9 7.2 47.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.80 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BG018725.D

Acq: 17 Sep 2015 3:15

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 254108

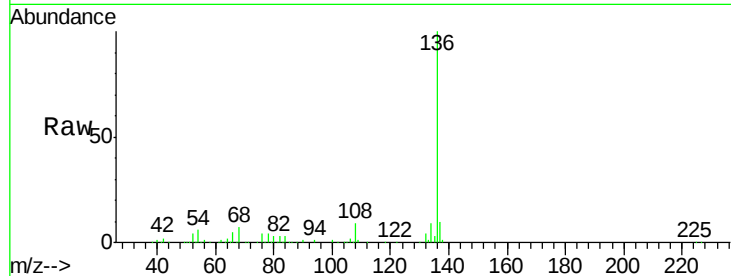
Ion Ratio Lower Upper

136 100

137 10.2 8.6 12.8

54 6.4 5.4 8.2

68 6.6 5.3 7.9

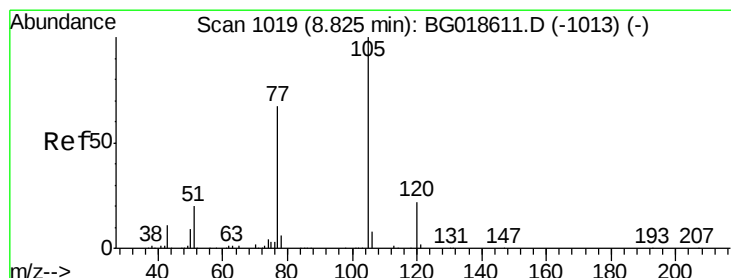
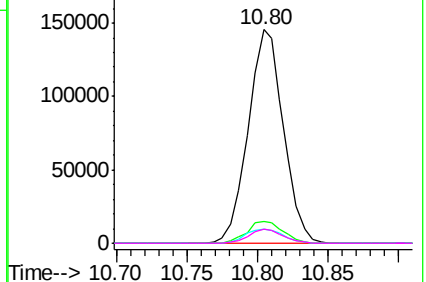
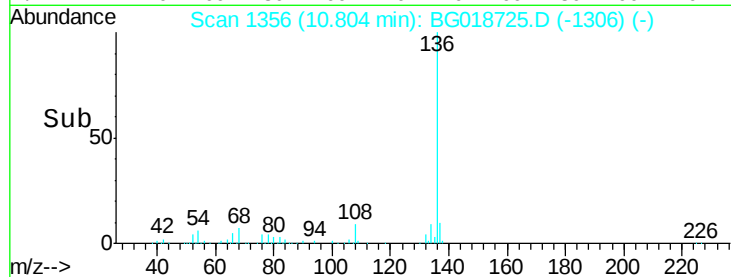


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 38.57 ng

RT: 8.82 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BG018725.D

Acq: 17 Sep 2015 3:15

Tgt Ion:105 Resp: 248269

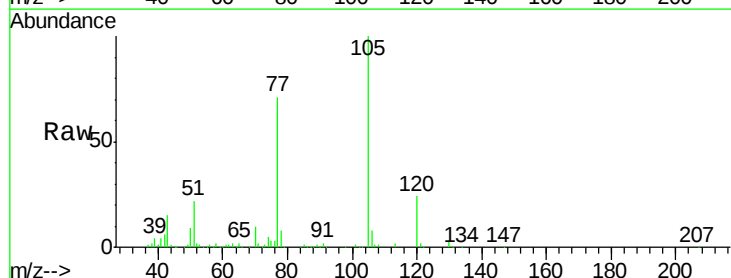
Ion Ratio Lower Upper

105 100

71 2.0 2.1 3.1#

51 21.6 17.8 26.8

120 24.0 17.7 26.5

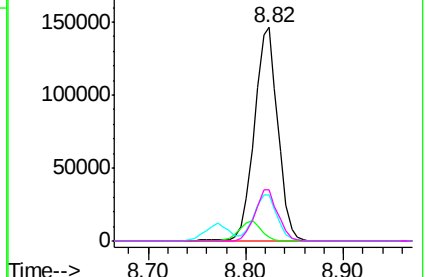
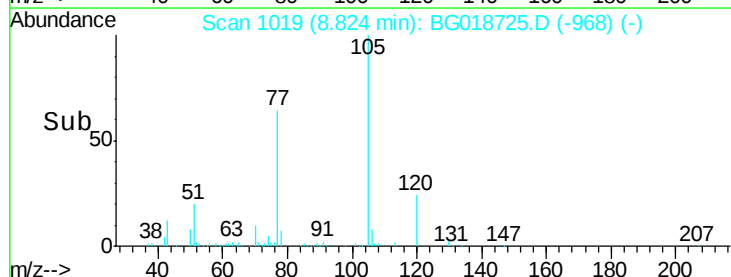


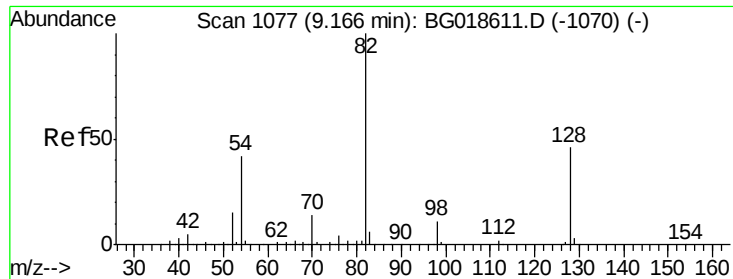
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

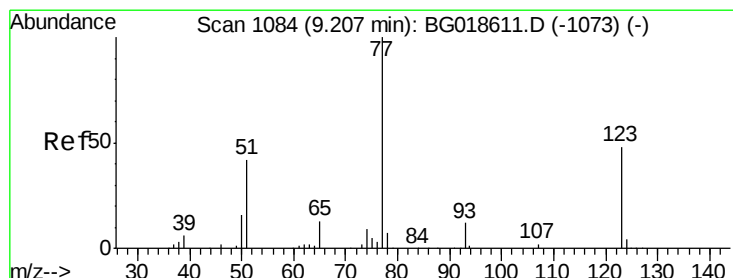
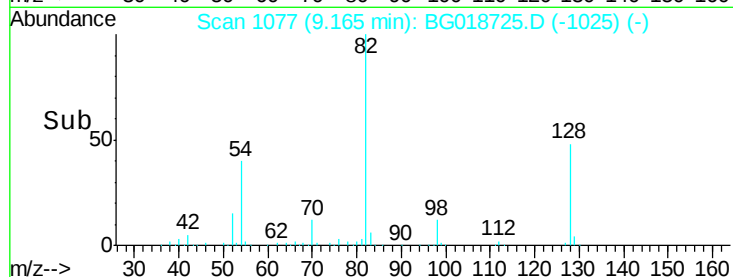
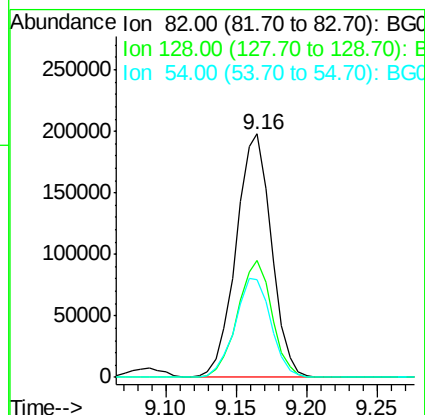
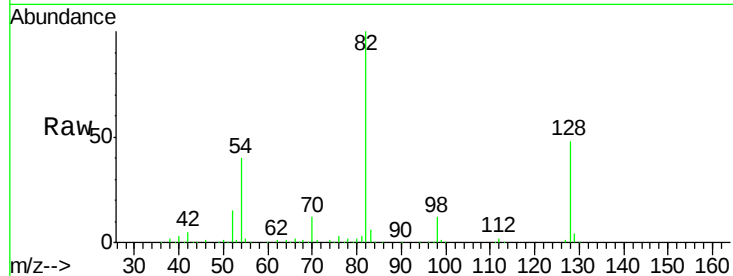




#23  
Nitrobenzene-d5  
Concen: 75.97 ng  
RT: 9.16 min Scan# 1077  
Delta R.T. 0.00 min  
Lab File: BG018725.D  
Acq: 17 Sep 2015 3:15

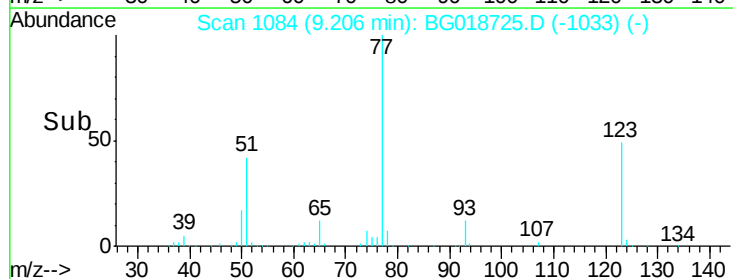
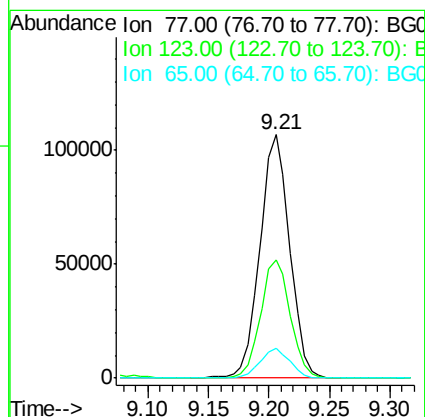
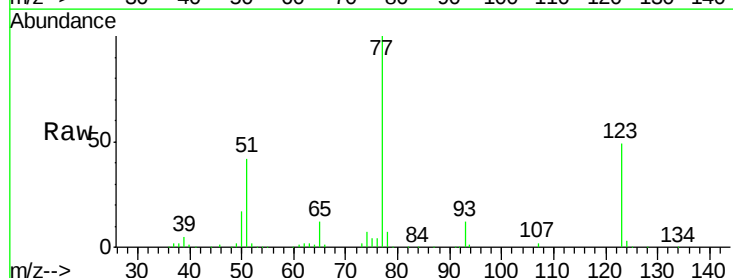
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

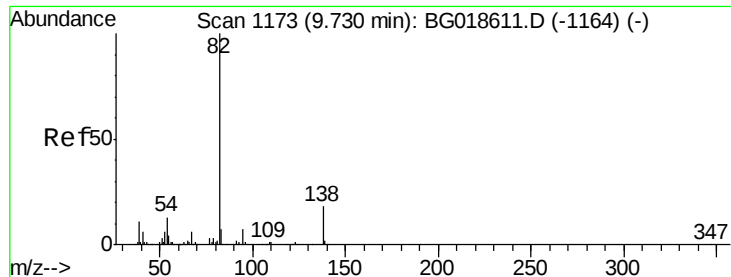
Tgt Ion: 82 Resp: 344979  
Ion Ratio Lower Upper  
82 100  
128 48.0 36.7 55.1  
54 40.3 33.8 50.8



#24  
Nitrobenzene  
Concen: 37.74 ng  
RT: 9.21 min Scan# 1084  
Delta R.T. -0.00 min  
Lab File: BG018725.D  
Acq: 17 Sep 2015 3:15

Tgt Ion: 77 Resp: 181993  
Ion Ratio Lower Upper  
77 100  
123 48.6 38.2 57.2  
65 12.3 10.6 16.0





#25

Isophorone

Concen: 39.29 ng

RT: 9.72 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BG018725.D

Acq: 17 Sep 2015 3:15

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

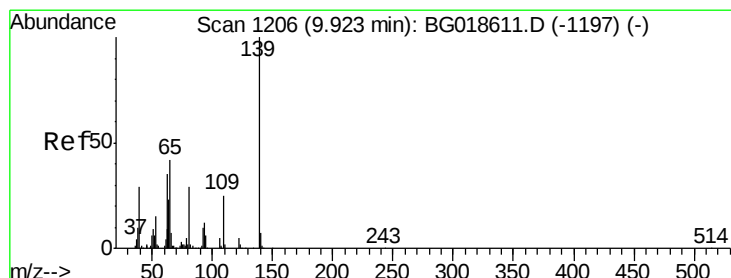
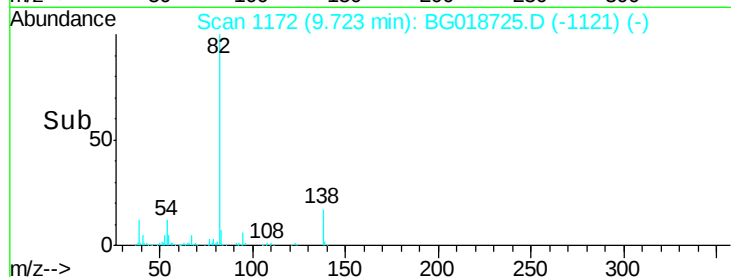
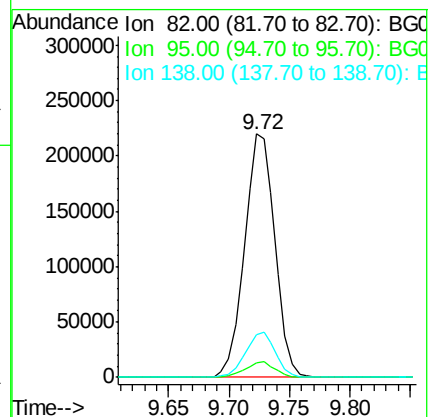
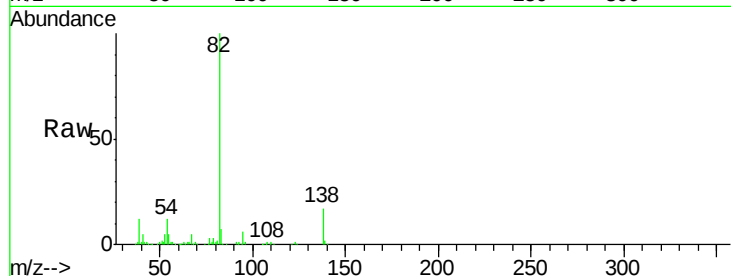
Tgt Ion: 82 Resp: 383723

Ion Ratio Lower Upper

82 100

95 5.8 5.2 7.8

138 17.3 14.4 21.6



#26

2-Nitrophenol

Concen: 42.09 ng

RT: 9.92 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BG018725.D

Acq: 17 Sep 2015 3:15

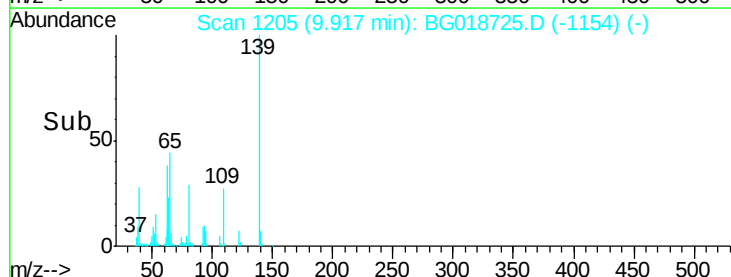
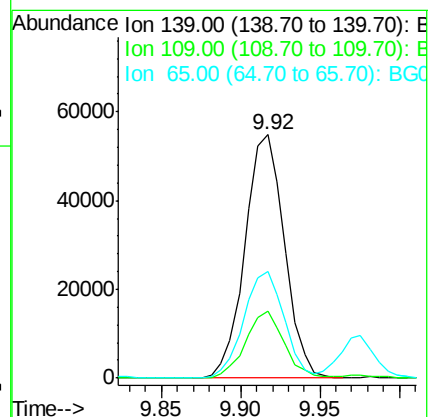
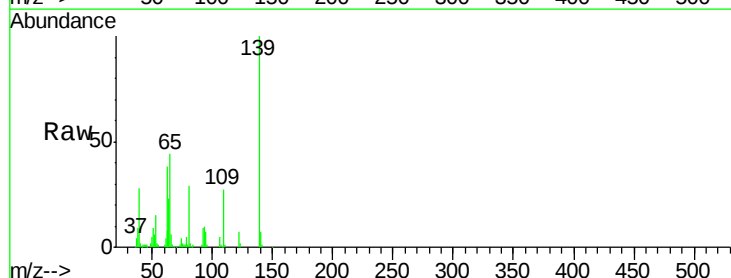
Tgt Ion: 139 Resp: 94700

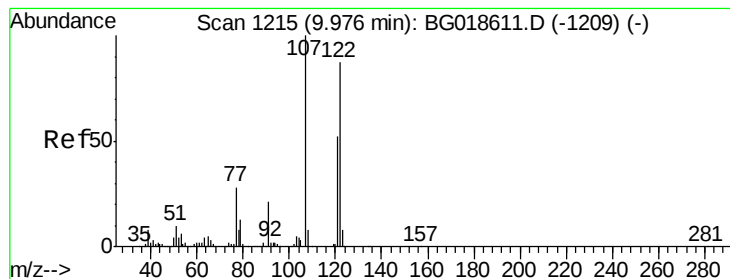
Ion Ratio Lower Upper

139 100

109 27.3 20.1 30.1

65 44.0 34.1 51.1





#27

2,4-Dimethylphenol

Concen: 40.18 ng

RT: 9.98 min Scan# 1215

Delta R.T. 0.00 min

Lab File: BG018725.D

Acq: 17 Sep 2015 3:15

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

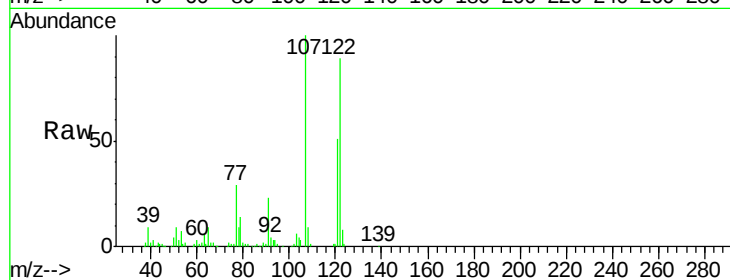
Tgt Ion: 122 Resp: 164138

Ion Ratio Lower Upper

122 100

107 112.1 91.6 137.4

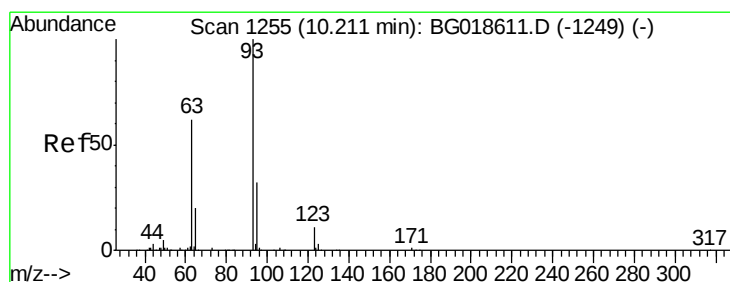
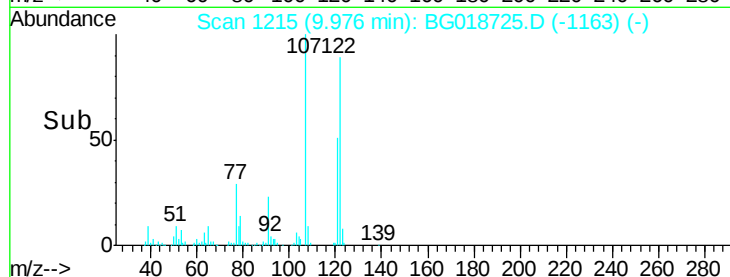
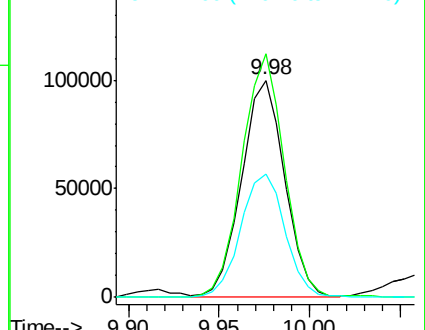
121 56.9 47.3 70.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.32 ng

RT: 10.21 min Scan# 1255

Delta R.T. -0.00 min

Lab File: BG018725.D

Acq: 17 Sep 2015 3:15

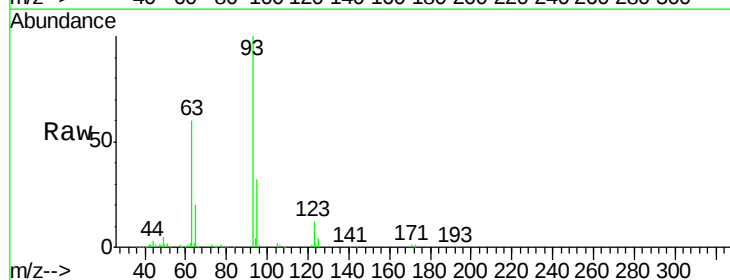
Tgt Ion: 93 Resp: 220494

Ion Ratio Lower Upper

93 100

95 32.4 25.7 38.5

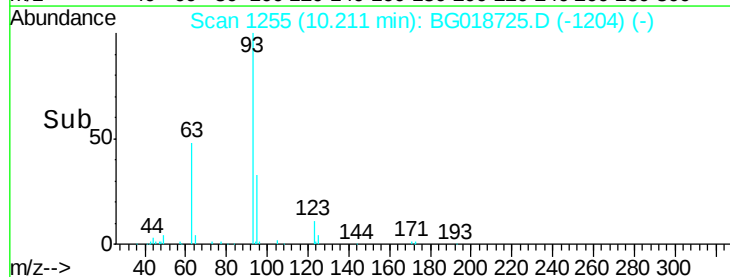
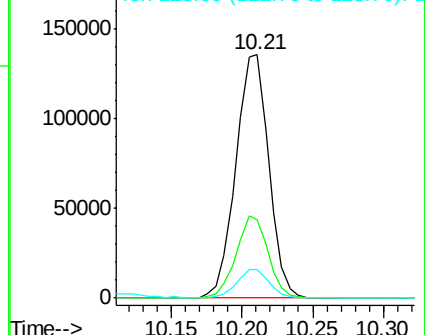
123 11.6 8.6 12.8

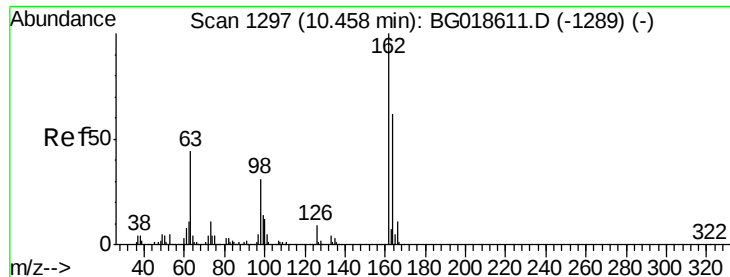


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

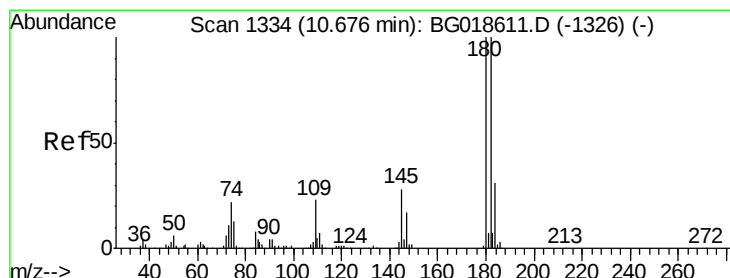
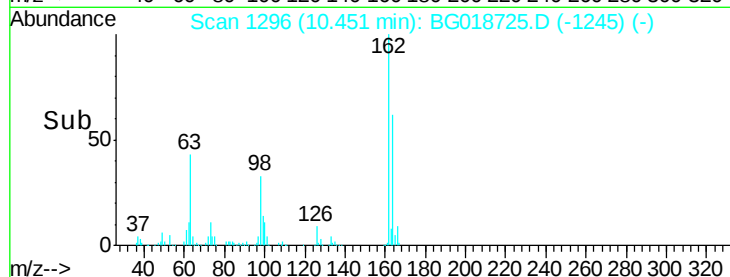
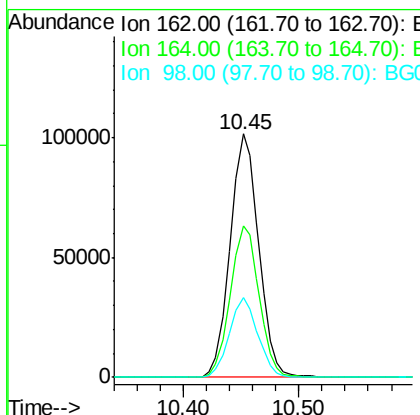
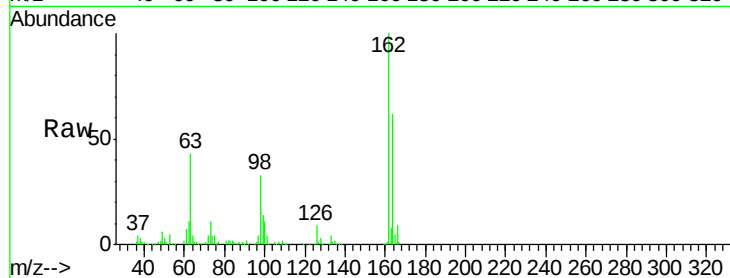




#29  
2,4-Dichlorophenol  
Concen: 42.04 ng  
RT: 10.45 min Scan# 1296  
Delta R.T. -0.00 min  
Lab File: BG018725.D  
Acq: 17 Sep 2015 3:15

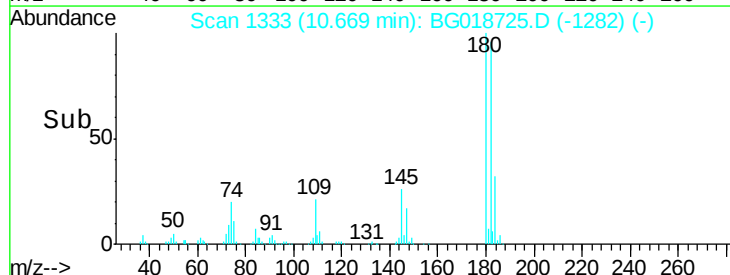
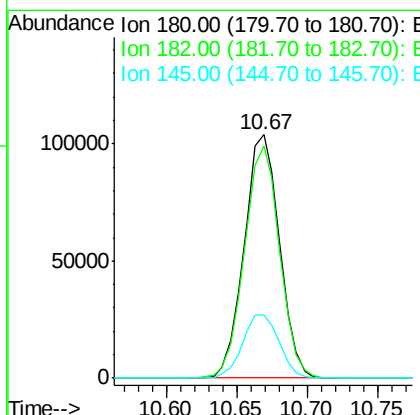
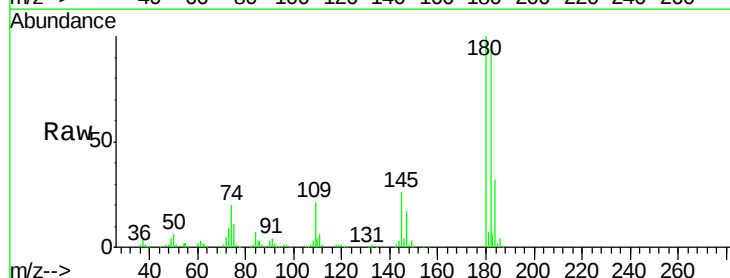
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

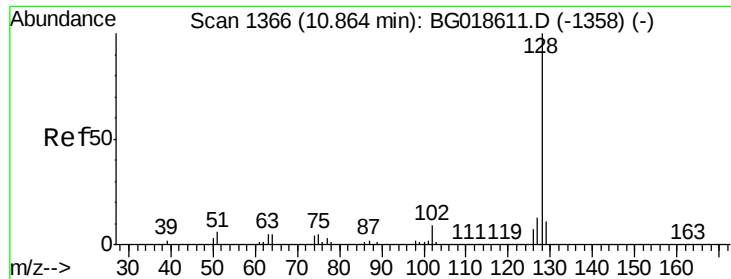
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 62.0  | 42.3  | 82.3  |
| 98      | 32.7  | 11.5  | 51.5  |



#30  
1,2,4-Trichlorobenzene  
Concen: 39.82 ng  
RT: 10.67 min Scan# 1333  
Delta R.T. -0.00 min  
Lab File: BG018725.D  
Acq: 17 Sep 2015 3:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.5  | 79.7  | 119.5 |
| 145     | 26.2  | 22.0  | 33.0  |

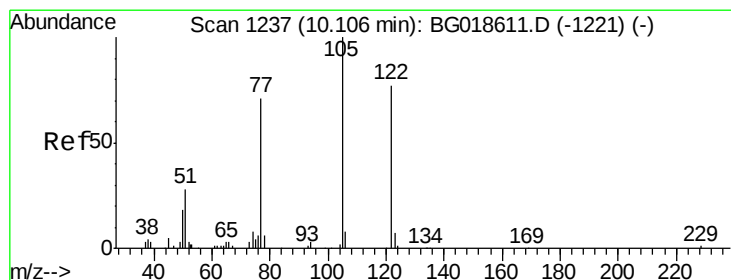
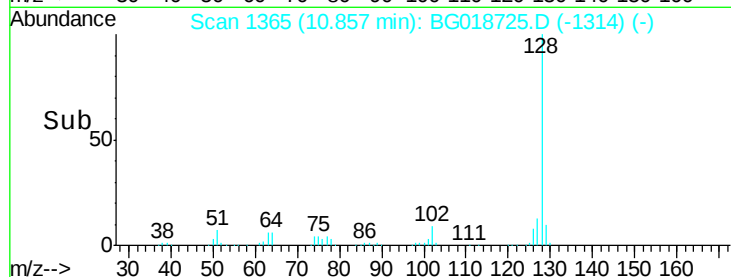
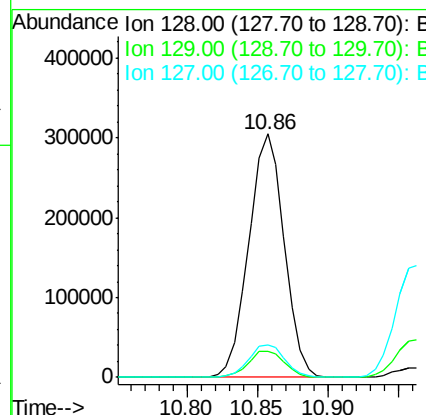
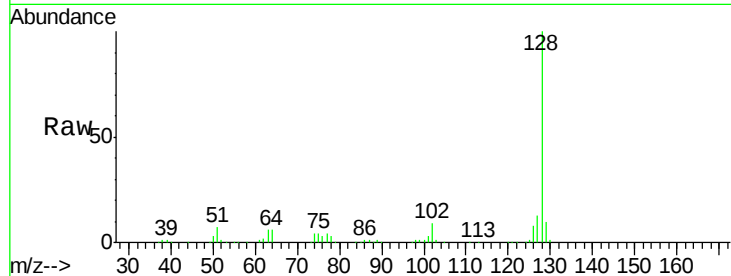




#31  
Naphthalene  
Concen: 39.35 ng  
RT: 10.86 min Scan# 1365  
Delta R.T. -0.00 min  
Lab File: BG018725.D  
Acq: 17 Sep 2015 3:15

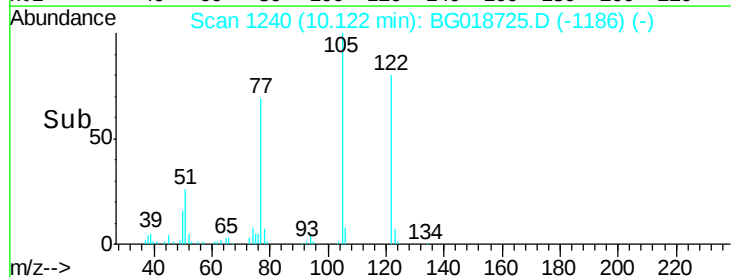
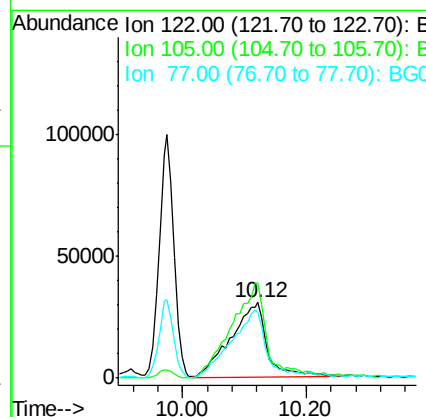
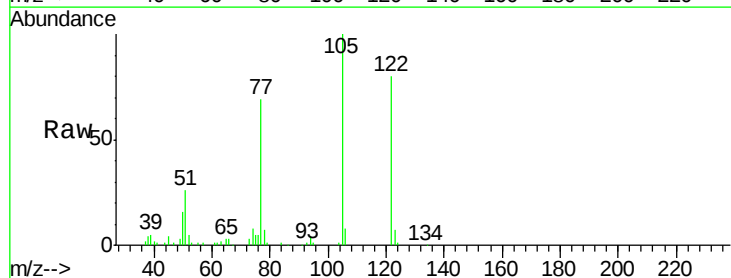
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

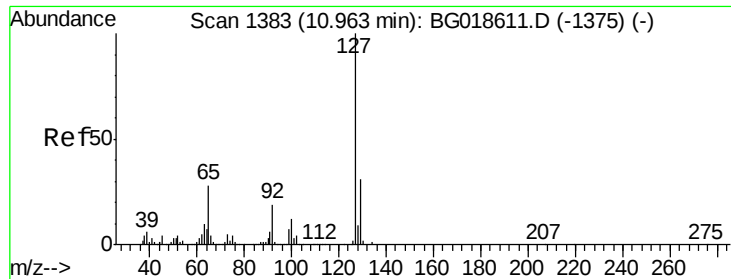
Tgt Ion:128 Resp: 535455  
Ion Ratio Lower Upper  
128 100  
129 10.5 8.5 12.7  
127 13.2 10.6 16.0



#32  
Benzoic acid  
Concen: 38.41 ng  
RT: 10.12 min Scan# 1240  
Delta R.T. 0.02 min  
Lab File: BG018725.D  
Acq: 17 Sep 2015 3:15

Tgt Ion:122 Resp: 123848  
Ion Ratio Lower Upper  
122 100  
105 124.7 103.8 143.8  
77 86.3 68.8 108.8

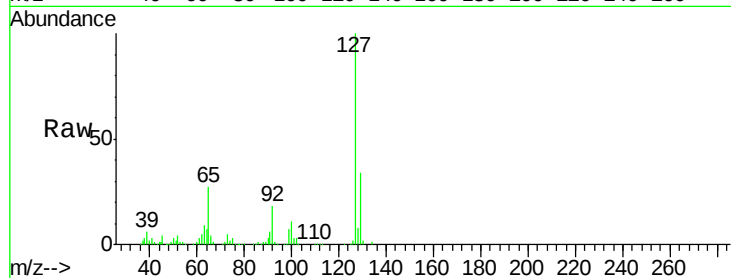




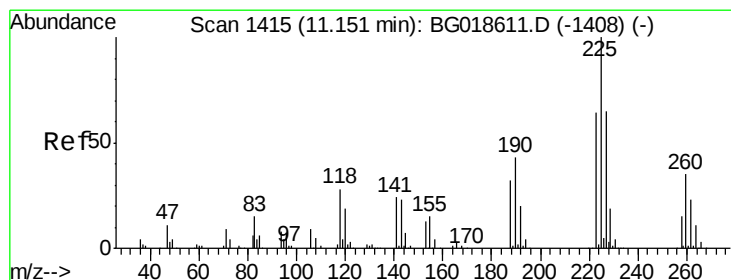
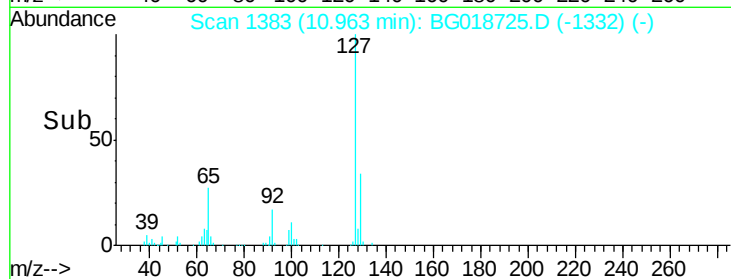
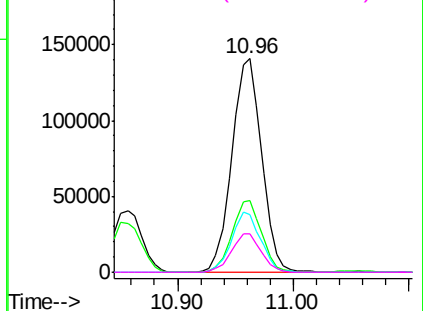
#33  
4-Chloroaniline  
Concen: 40.87 ng  
RT: 10.96 min Scan# 1383  
Delta R.T. -0.00 min  
Lab File: BG018725.D  
Acq: 17 Sep 2015 3:15

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 251645 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.6  | 24.6  | 37.0   |
| 65       | 26.7  | 22.6  | 33.8   |
| 92       | 17.7  | 15.1  | 22.7   |

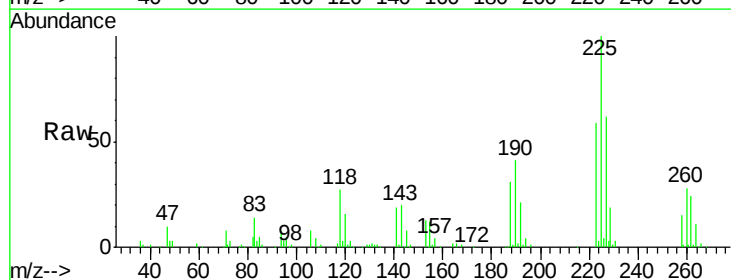


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

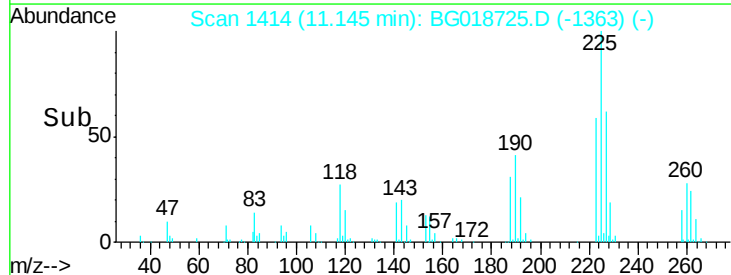
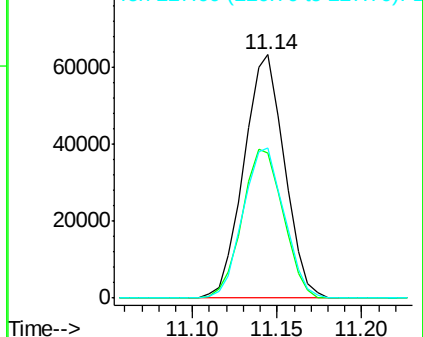


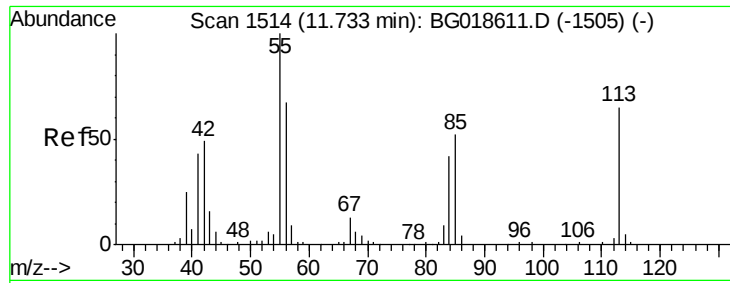
#34  
Hexachlorobutadiene  
Concen: 39.19 ng  
RT: 11.14 min Scan# 1414  
Delta R.T. -0.00 min  
Lab File: BG018725.D  
Acq: 17 Sep 2015 3:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 105715 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 59.4  | 51.0  | 76.4   |
| 227      | 61.8  | 51.8  | 77.8   |



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

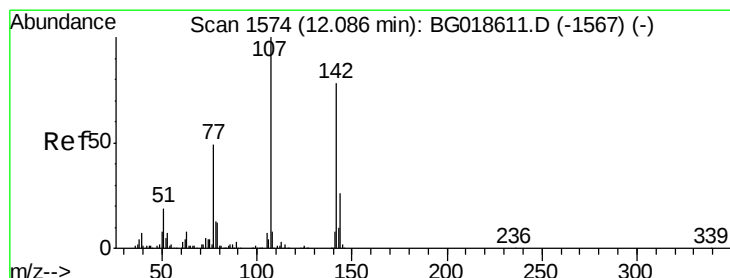
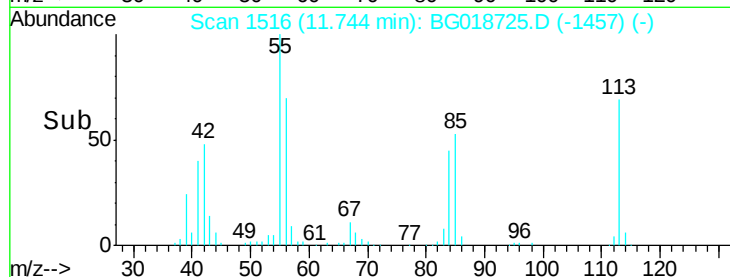
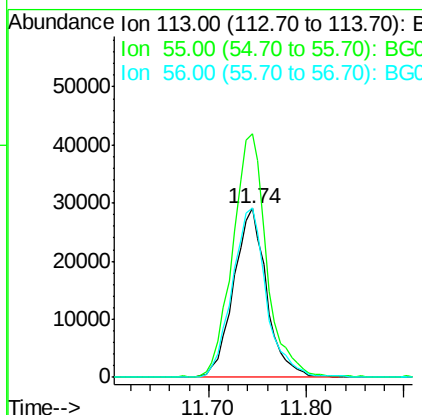
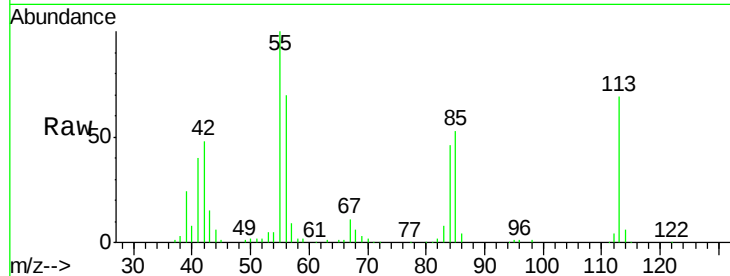




#35  
 Caprolactam  
 Concen: 38.56 ng  
 RT: 11.74 min Scan# 1516  
 Delta R.T. 0.05 min  
 Lab File: BG018725.D  
 Acq: 17 Sep 2015 3:15

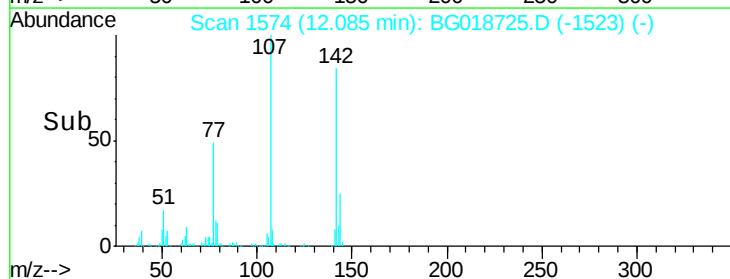
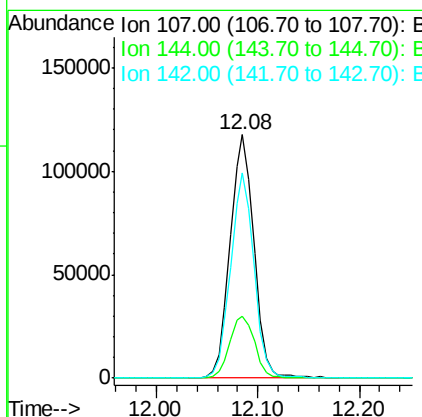
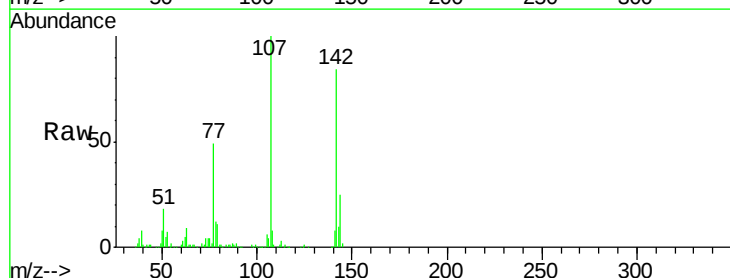
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

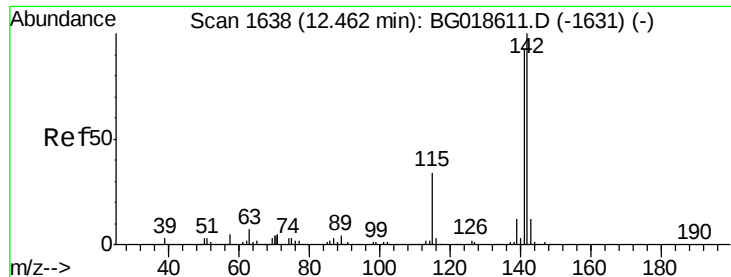
Tgt Ion:113 Resp: 68446  
 Ion Ratio Lower Upper  
 113 100  
 55 143.9 135.0 175.0  
 56 100.1 83.4 123.4



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.78 ng  
 RT: 12.08 min Scan# 1574  
 Delta R.T. -0.00 min  
 Lab File: BG018725.D  
 Acq: 17 Sep 2015 3:15

Tgt Ion:107 Resp: 192425  
 Ion Ratio Lower Upper  
 107 100  
 144 25.3 20.6 31.0  
 142 84.4 62.6 93.8

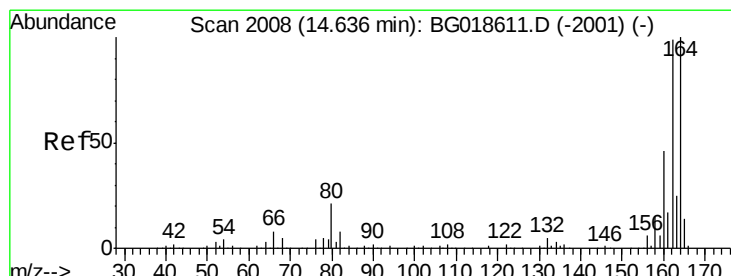
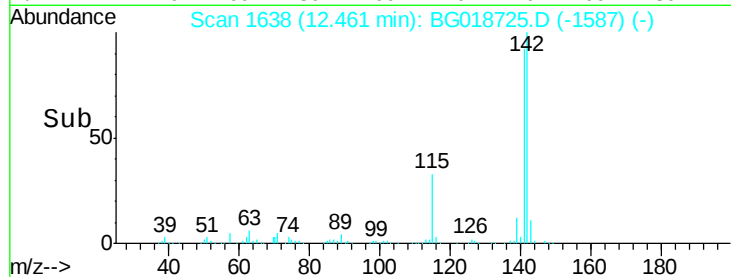
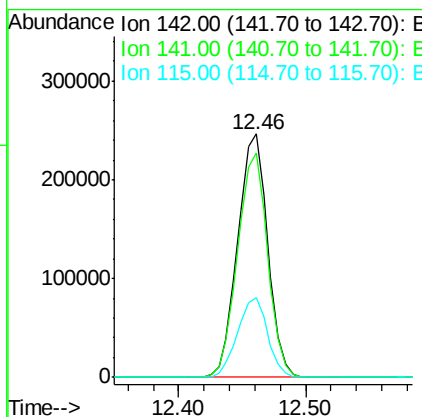
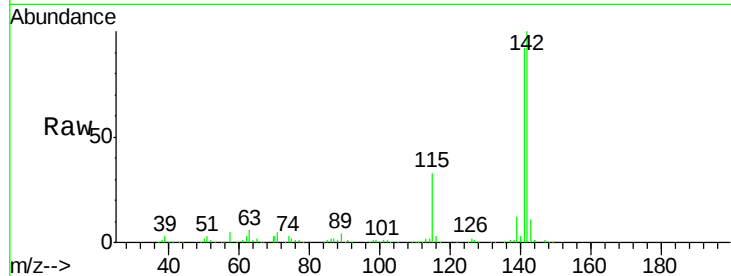




#37  
 2-Methylnaphthalene  
 Concen: 40.45 ng  
 RT: 12.46 min Scan# 1638  
 Delta R.T. -0.00 min  
 Lab File: BG018725.D  
 Acq: 17 Sep 2015 3:15

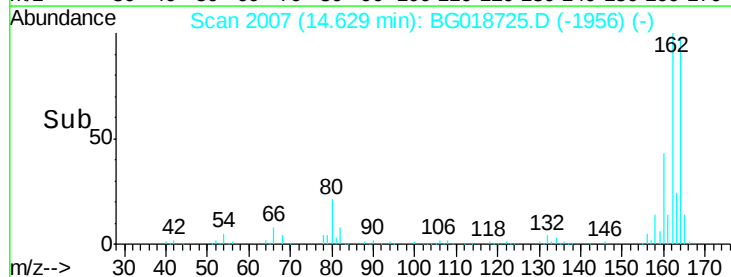
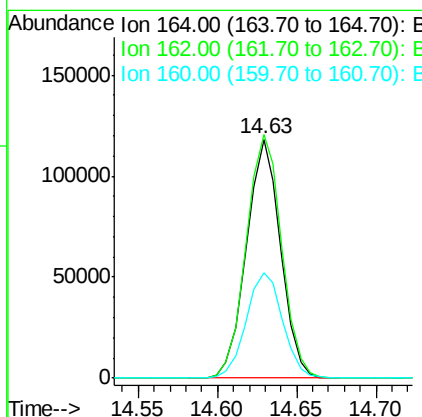
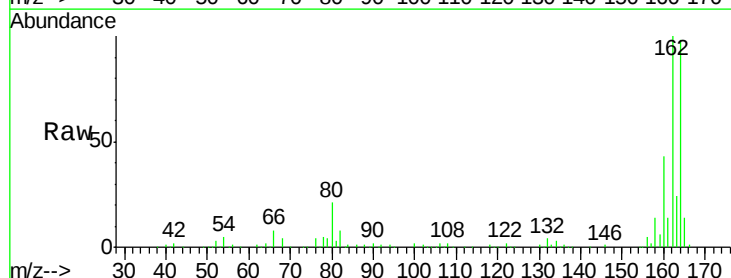
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

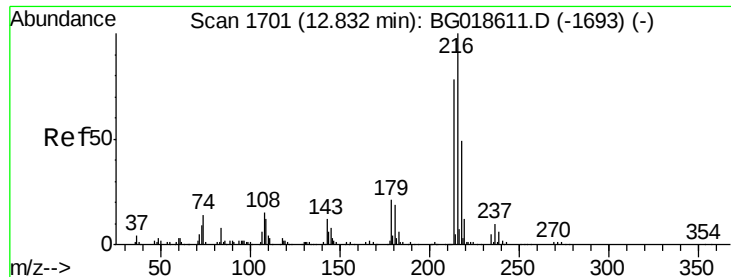
Tgt Ion:142 Resp: 402917  
 Ion Ratio Lower Upper  
 142 100  
 141 92.2 74.6 112.0  
 115 32.9 27.4 41.0



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.63 min Scan# 2007  
 Delta R.T. -0.00 min  
 Lab File: BG018725.D  
 Acq: 17 Sep 2015 3:15

Tgt Ion:164 Resp: 176159  
 Ion Ratio Lower Upper  
 164 100  
 162 101.9 78.8 118.2  
 160 43.9 36.4 54.6

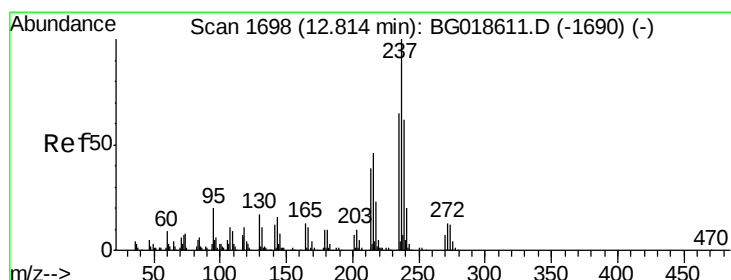
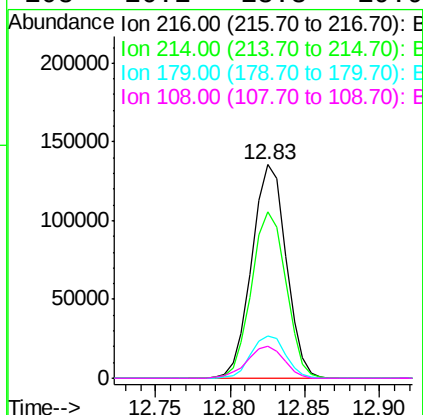
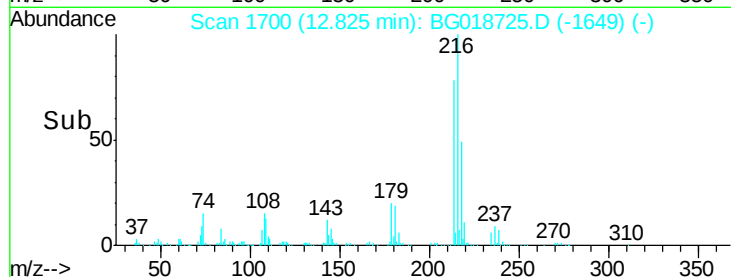
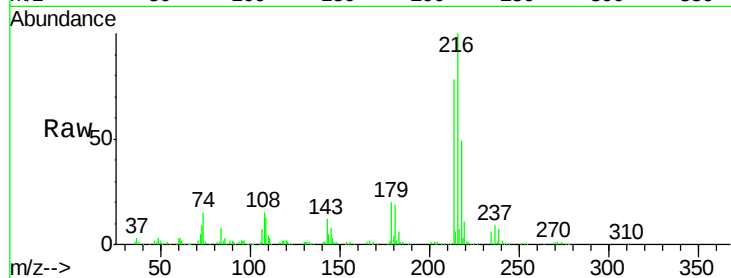




#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 38.67 ng  
 RT: 12.83 min Scan# 1700  
 Delta R.T. -0.00 min  
 Lab File: BG018725.D  
 Acq: 17 Sep 2015 3:15

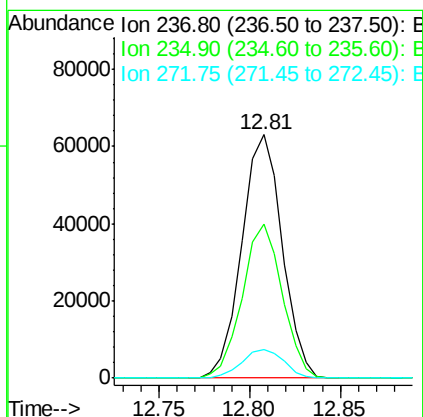
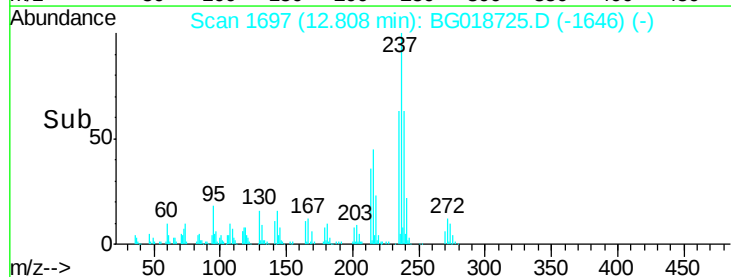
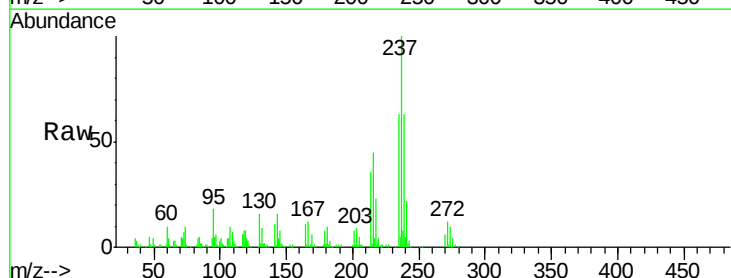
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

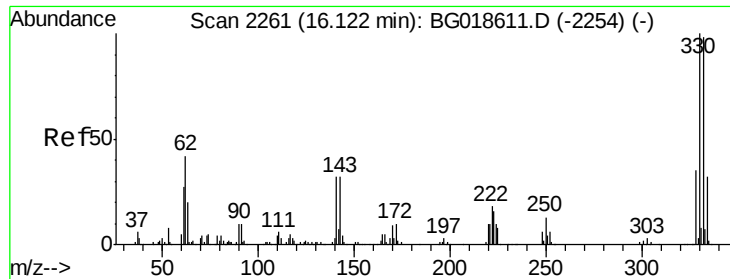
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 216049 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 78.1  | 62.5  | 93.7   |
| 179      | 20.0  | 15.6  | 23.4   |
| 108      | 16.1  | 13.3  | 19.9   |



#40  
 Hexachlorocyclopentadiene  
 Concen: 34.83 ng  
 RT: 12.81 min Scan# 1697  
 Delta R.T. -0.00 min  
 Lab File: BG018725.D  
 Acq: 17 Sep 2015 3:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 97726 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 63.4  | 44.6  | 84.6  |
| 272      | 11.9  | 0.0   | 32.8  |

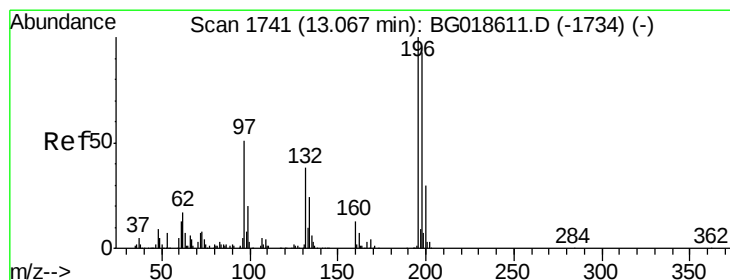
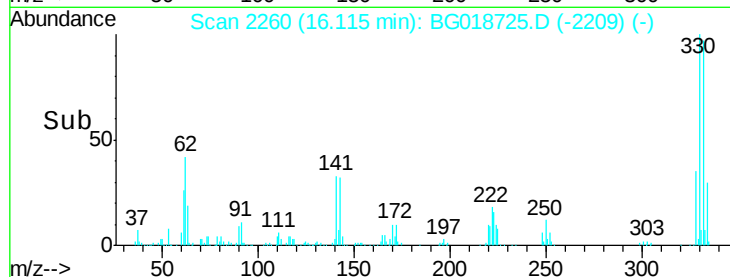
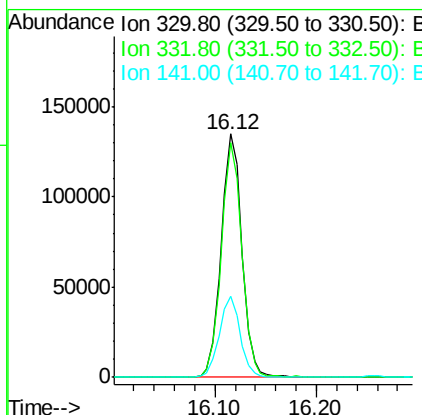
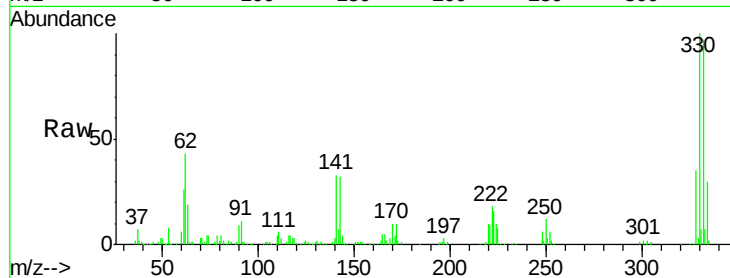




#41  
 2,4,6-Tribromophenol  
 Concen: 80.93 ng  
 RT: 16.12 min Scan# 2260  
 Delta R.T. -0.00 min  
 Lab File: BG018725.D  
 Acq: 17 Sep 2015 3:15

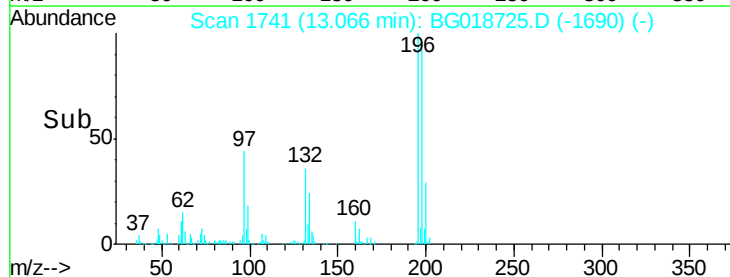
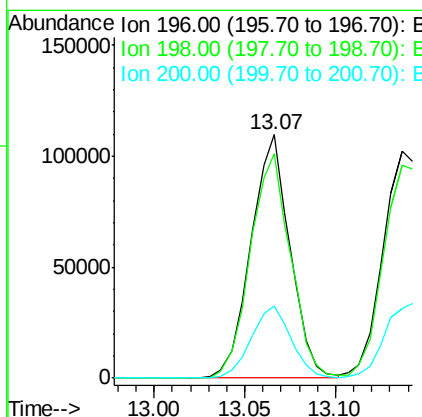
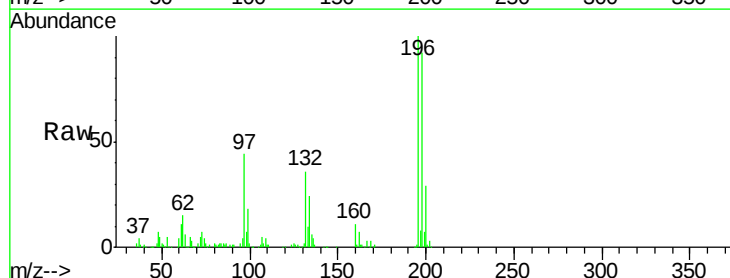
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

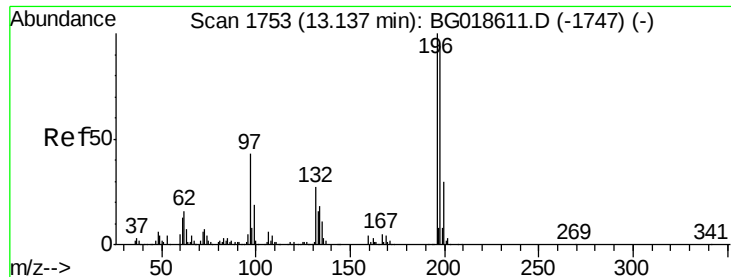
Tgt Ion:330 Resp: 191960  
 Ion Ratio Lower Upper  
 330 100  
 332 95.2 78.1 117.1  
 141 33.1 28.2 42.2



#42  
 2,4,6-Trichlorophenol  
 Concen: 42.41 ng  
 RT: 13.07 min Scan# 1741  
 Delta R.T. -0.00 min  
 Lab File: BG018725.D  
 Acq: 17 Sep 2015 3:15

Tgt Ion:196 Resp: 164078  
 Ion Ratio Lower Upper  
 196 100  
 198 92.1 74.7 112.1  
 200 29.4 24.1 36.1

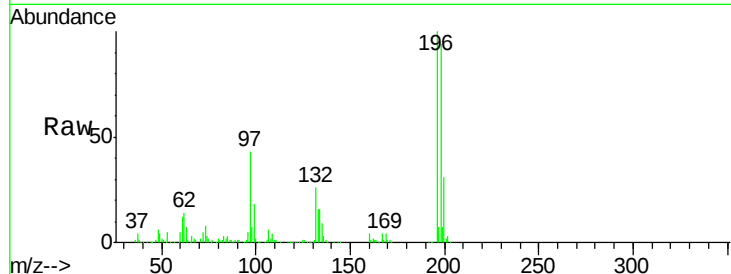




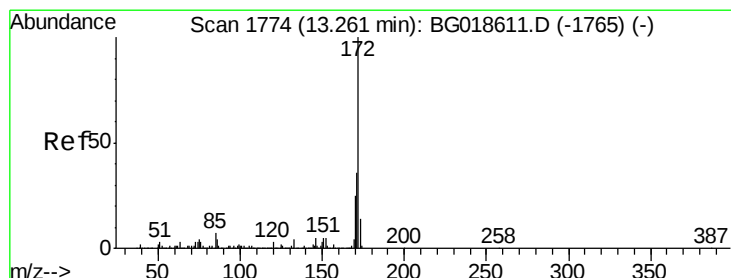
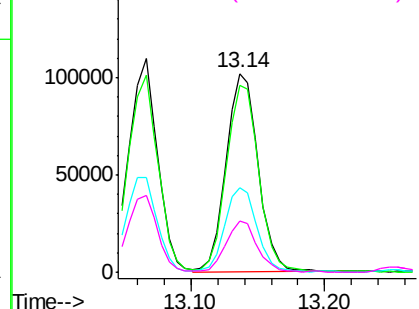
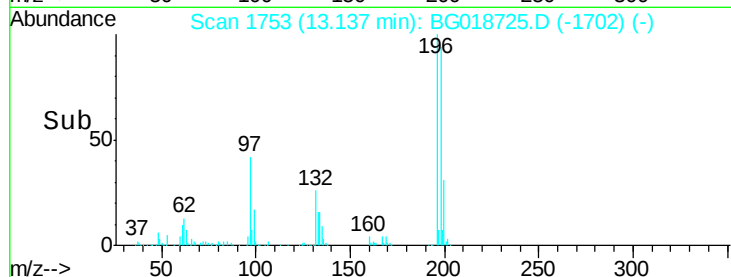
#43  
 2,4,5-Trichlorophenol  
 Concen: 40.43 ng  
 RT: 13.14 min Scan# 1753  
 Delta R.T. -0.00 min  
 Lab File: BG018725.D  
 Acq: 17 Sep 2015 3:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 196   | Resp: | 171591 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 93.8  | 75.2  | 112.8  |
| 97       | 42.6  | 34.2  | 51.2   |
| 132      | 25.8  | 21.8  | 32.6   |

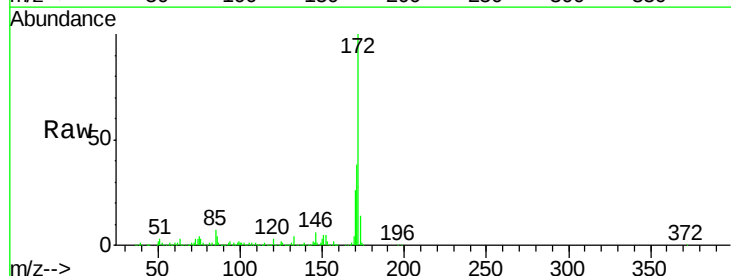


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BGC  
 Ion 132.00 (131.70 to 132.70): E

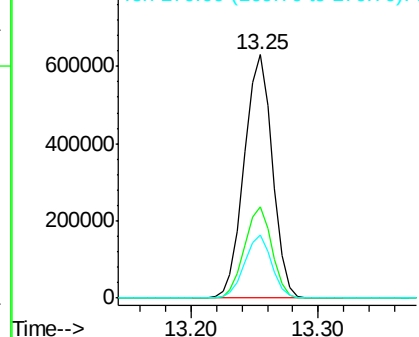
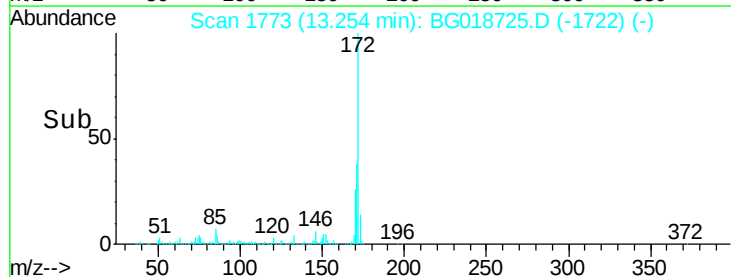


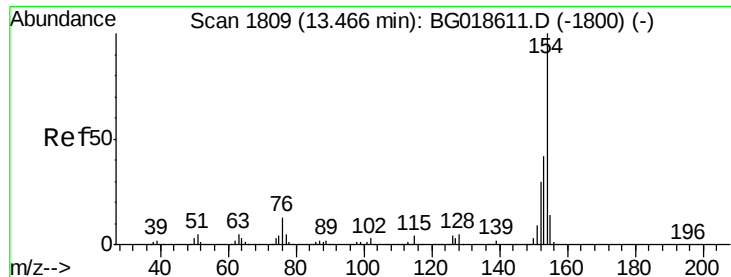
#44  
 2-Fluorobiphenyl  
 Concen: 76.41 ng  
 RT: 13.25 min Scan# 1773  
 Delta R.T. -0.00 min  
 Lab File: BG018725.D  
 Acq: 17 Sep 2015 3:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 172   | Resp: | 969603 |
| Ion      | Ratio | Lower | Upper  |
| 172      | 100   |       |        |
| 171      | 37.6  | 29.0  | 43.6   |
| 170      | 25.7  | 19.9  | 29.9   |



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

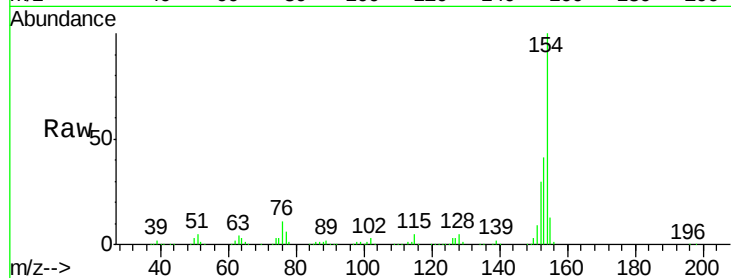




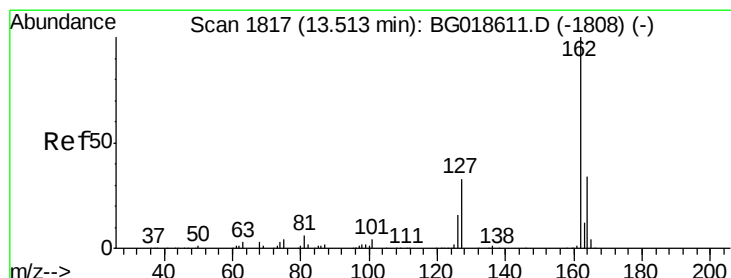
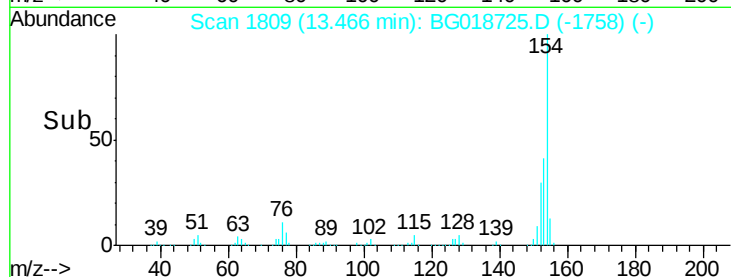
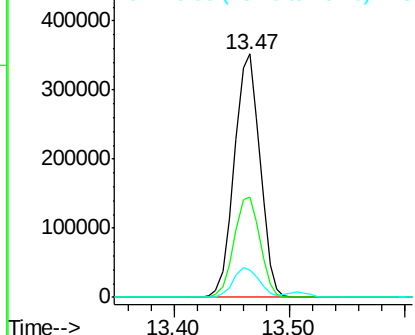
#45  
 1,1'-Biphenyl  
 Concen: 38.65 ng  
 RT: 13.47 min Scan# 1809  
 Delta R.T. -0.00 min  
 Lab File: BG018725.D  
 Acq: 17 Sep 2015 3:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.3  | 21.9  | 61.9  |
| 76      | 11.4  | 0.0   | 33.2  |

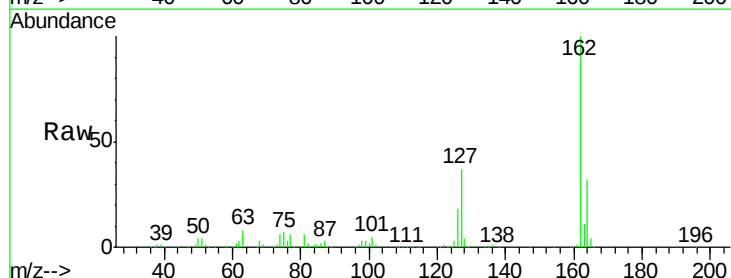


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BGC

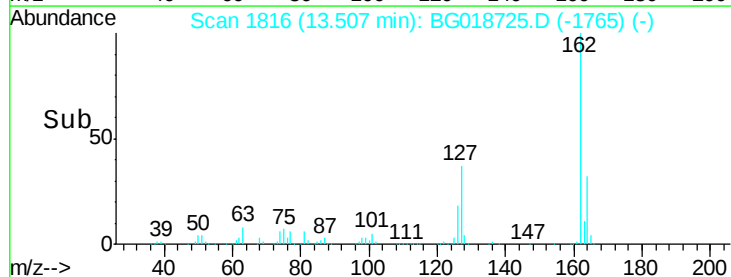
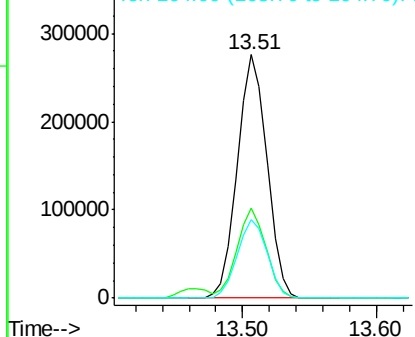


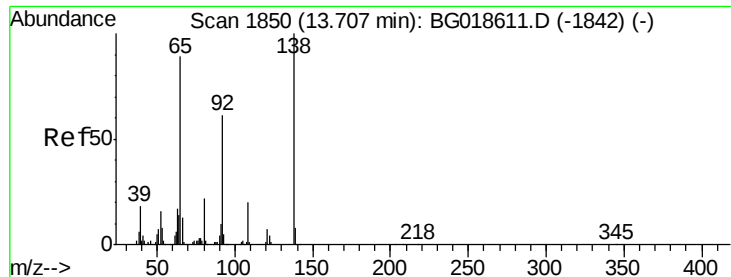
#46  
 2-Chloronaphthalene  
 Concen: 39.18 ng  
 RT: 13.51 min Scan# 1816  
 Delta R.T. -0.00 min  
 Lab File: BG018725.D  
 Acq: 17 Sep 2015 3:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 36.7  | 28.3  | 42.5  |
| 164     | 32.1  | 27.4  | 41.0  |



Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

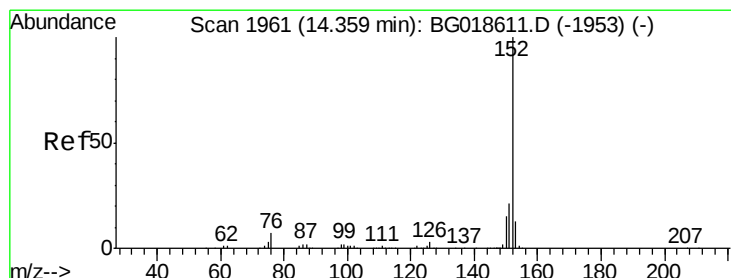
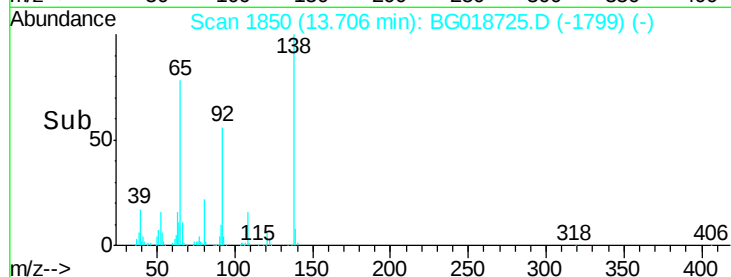
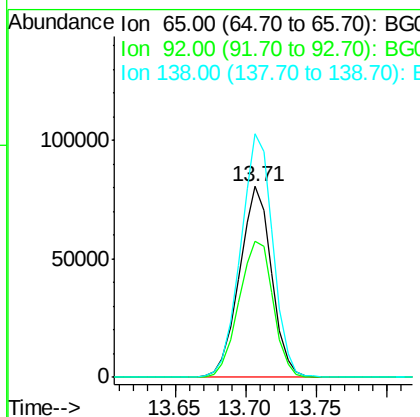
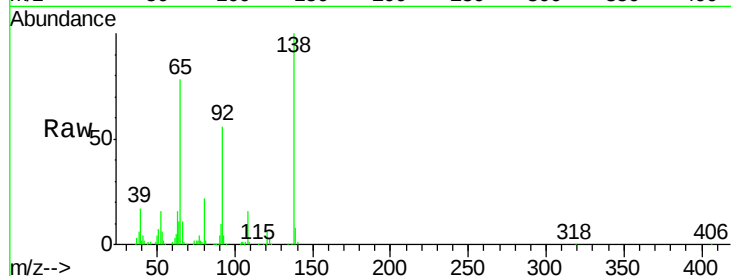




#47  
2-Nitroaniline  
Concen: 39.44 ng  
RT: 13.71 min Scan# 1850  
Delta R.T. -0.00 min  
Lab File: BG018725.D  
Acq: 17 Sep 2015 3:15

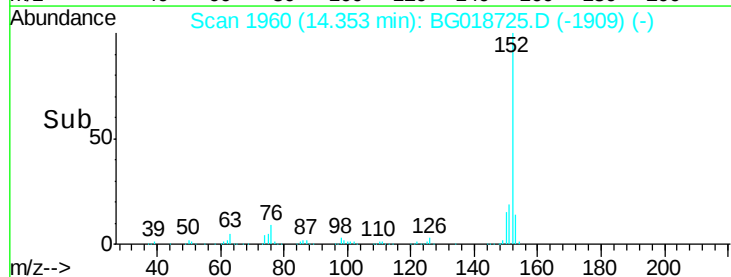
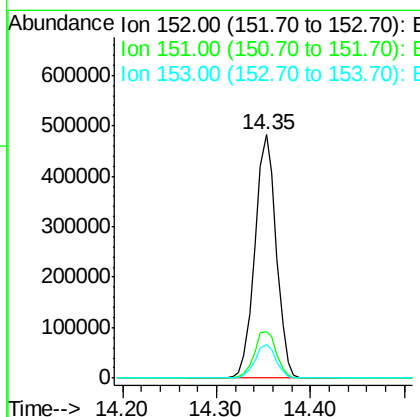
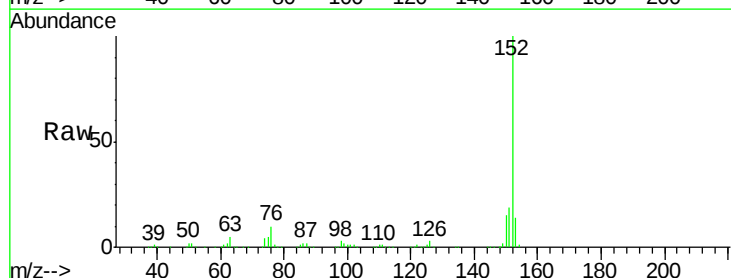
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

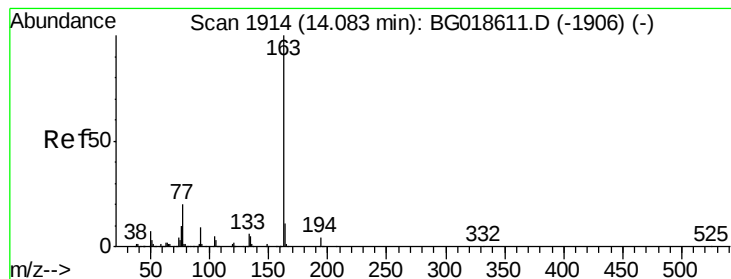
Tgt Ion: 65 Resp: 128073  
Ion Ratio Lower Upper  
65 100  
92 71.2 54.8 82.2  
138 127.5 89.6 134.4



#48  
Acenaphthylene  
Concen: 39.61 ng  
RT: 14.35 min Scan# 1960  
Delta R.T. -0.00 min  
Lab File: BG018725.D  
Acq: 17 Sep 2015 3:15

Tgt Ion: 152 Resp: 755689  
Ion Ratio Lower Upper  
152 100  
151 19.3 17.0 25.4  
153 13.9 10.4 15.6





#49

Dimethylphthalate

Concen: 38.65 ng

RT: 14.08 min Scan# 1914

Delta R.T. 0.00 min

Lab File: BG018725.D

Acq: 17 Sep 2015 3:15

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

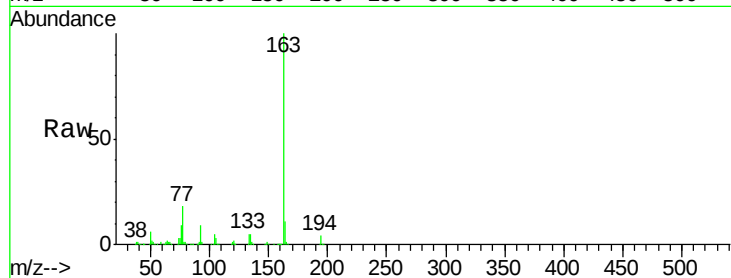
Tgt Ion:163 Resp: 563766

Ion Ratio Lower Upper

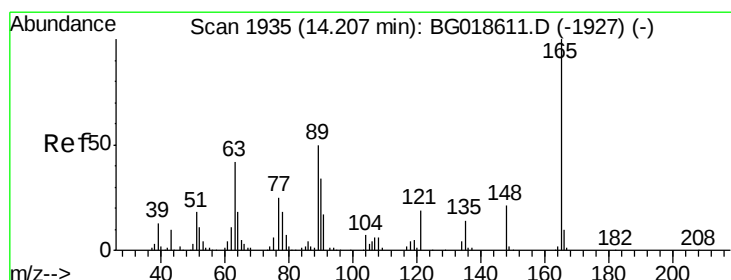
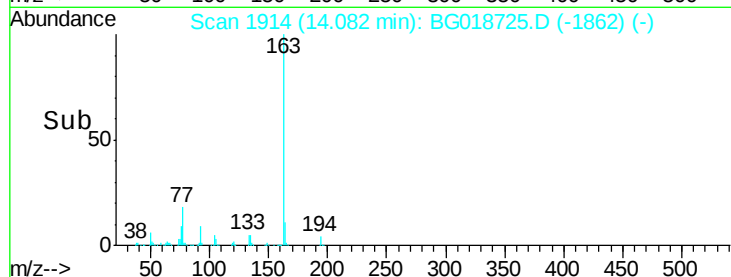
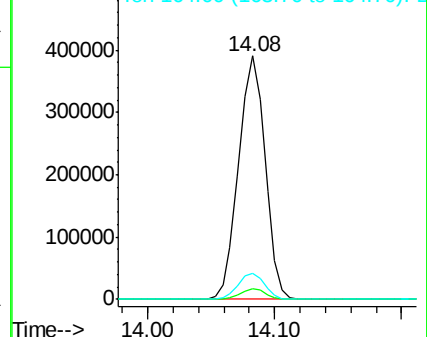
163 100

194 4.3 3.1 4.7

164 10.7 8.8 13.2



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



#50

2,6-Dinitrotoluene

Concen: 41.12 ng

RT: 14.20 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BG018725.D

Acq: 17 Sep 2015 3:15

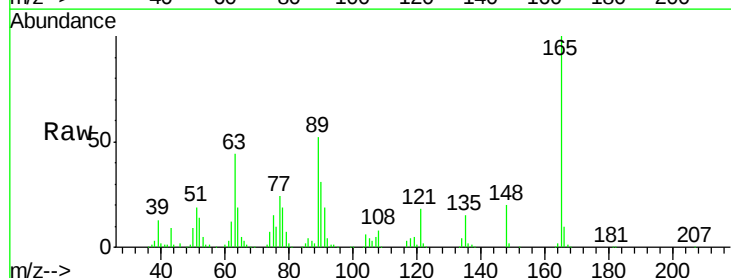
Tgt Ion:165 Resp: 130340

Ion Ratio Lower Upper

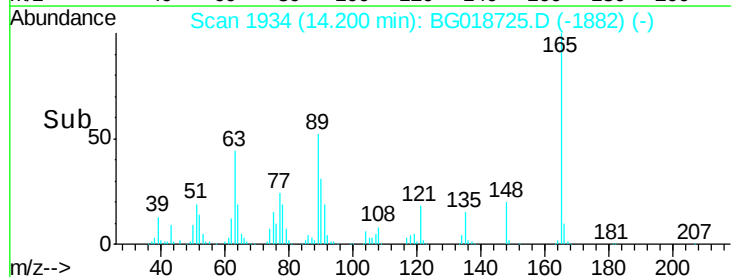
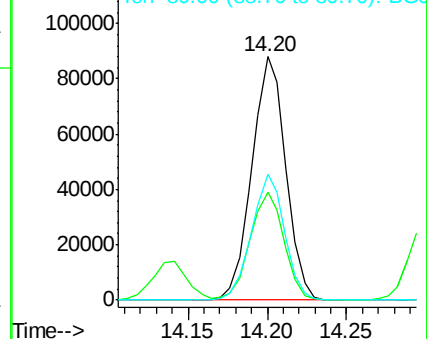
165 100

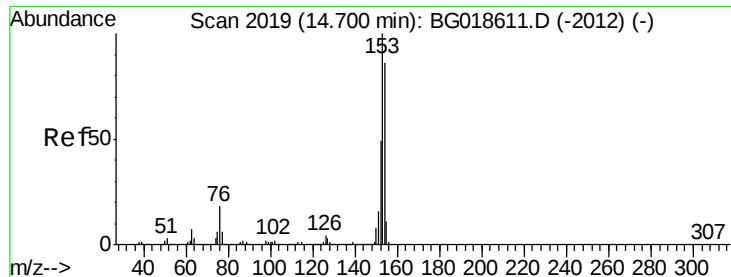
63 44.2 35.7 53.5

89 51.7 39.7 59.5



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





#51

Acenaphthene

Concen: 39.49 ng

RT: 14.69 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BG018725.D

Acq: 17 Sep 2015 3:15

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

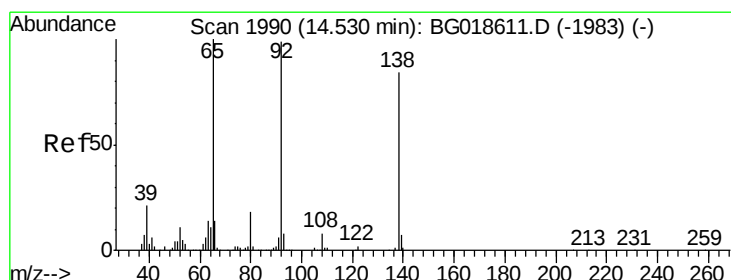
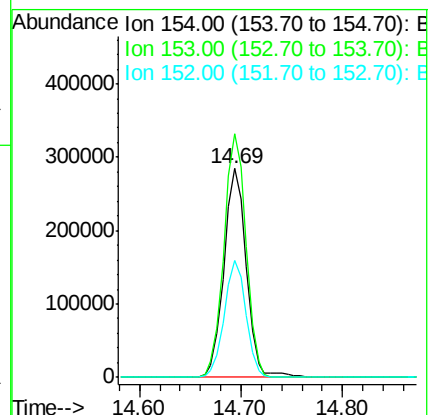
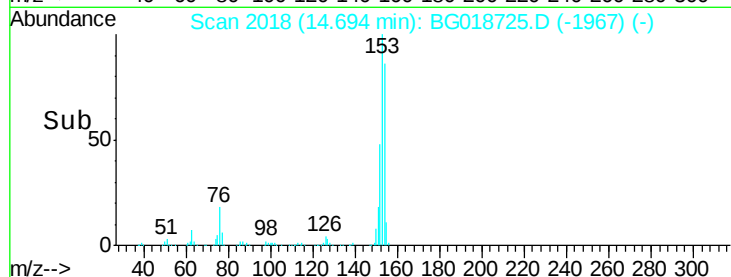
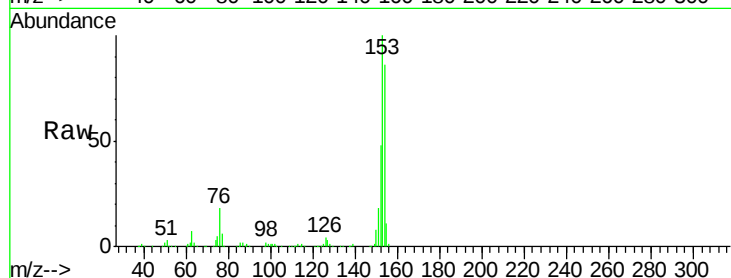
Tgt Ion:154 Resp: 438284

Ion Ratio Lower Upper

154 100

153 116.7 92.9 139.3

152 56.0 45.8 68.8



#52

3-Nitroaniline

Concen: 39.25 ng

RT: 14.53 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BG018725.D

Acq: 17 Sep 2015 3:15

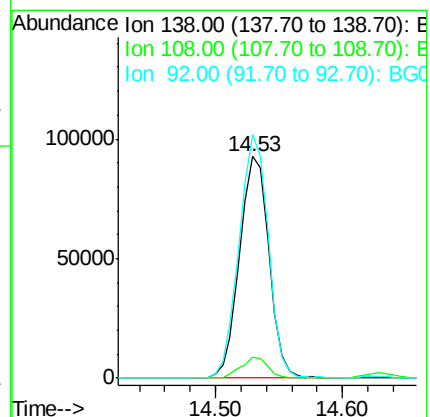
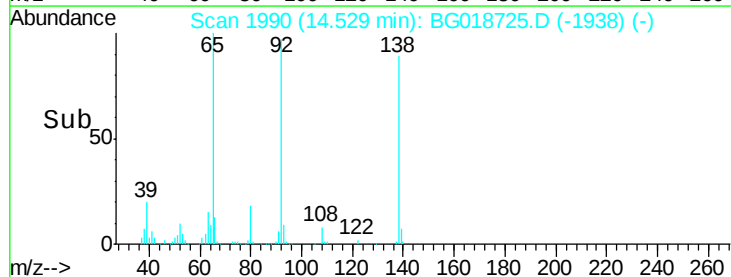
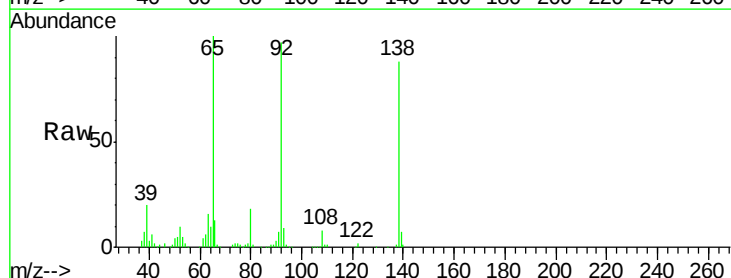
Tgt Ion:138 Resp: 148640

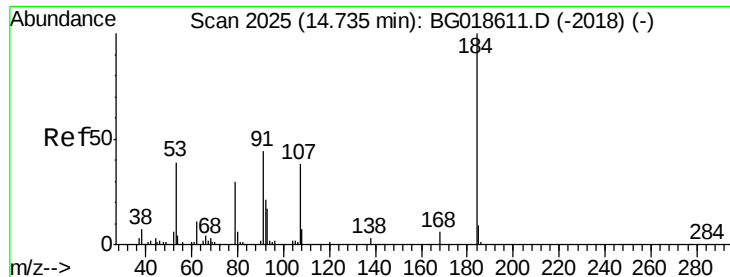
Ion Ratio Lower Upper

138 100

108 9.3 7.9 11.9

92 110.0 94.2 141.4

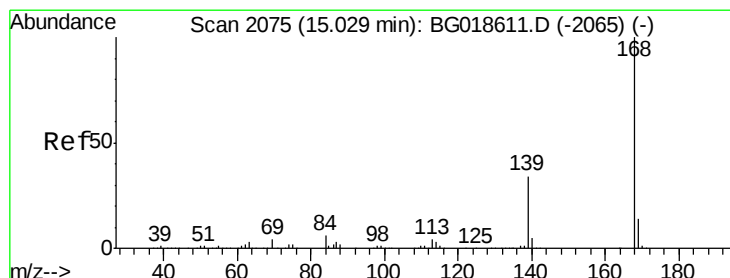
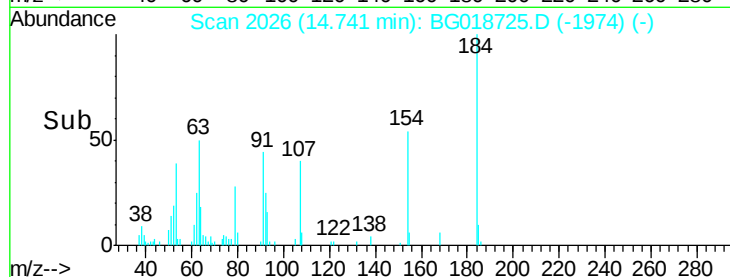
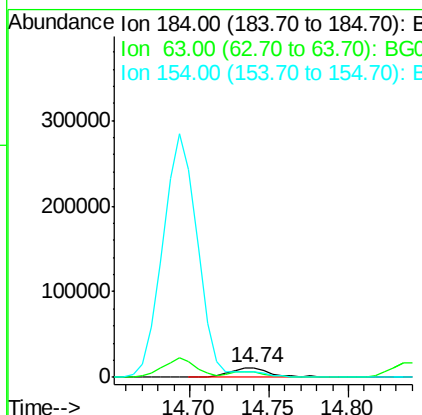
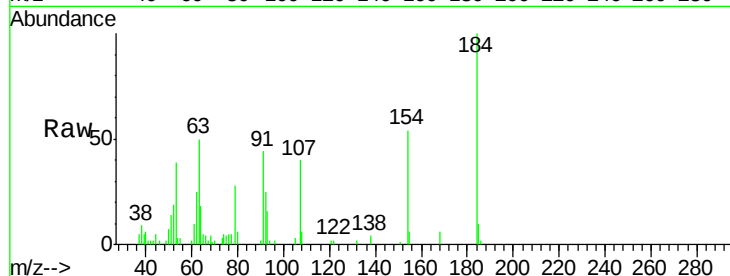




#53  
2,4-Dinitrophenol  
Concen: 19.46 ng  
RT: 14.74 min Scan# 2026  
Delta R.T. 0.01 min  
Lab File: BG018725.D  
Acq: 17 Sep 2015 3:15

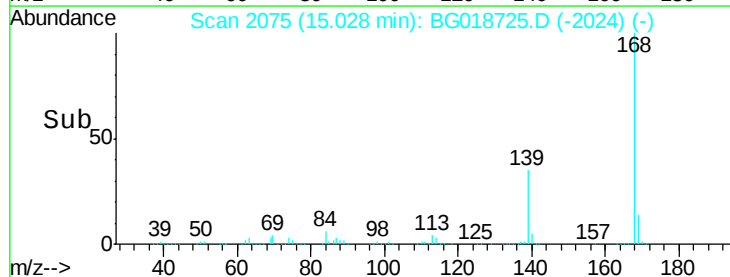
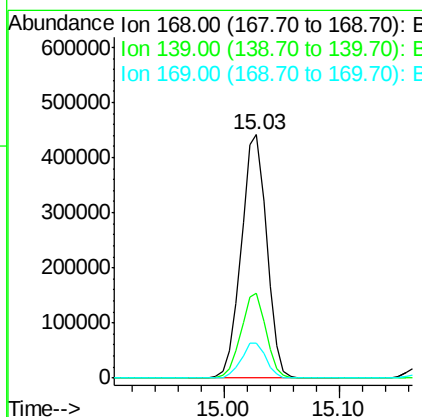
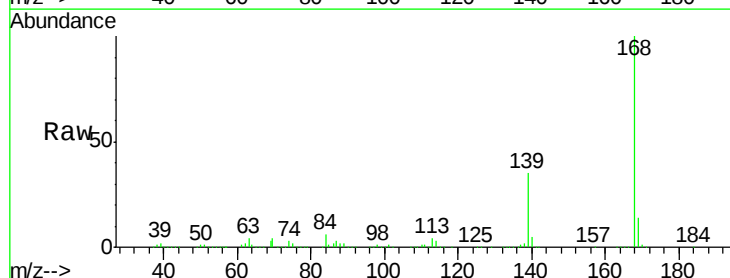
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

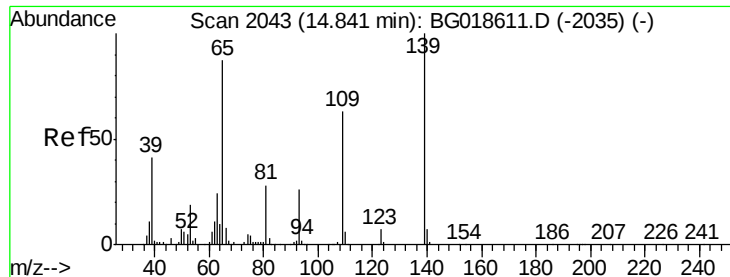
Tgt Ion:184 Resp: 20953  
Ion Ratio Lower Upper  
184 100  
63 49.6 42.7 64.1  
154 53.8 44.3 66.5



#54  
Dibenzofuran  
Concen: 38.97 ng  
RT: 15.03 min Scan# 2075  
Delta R.T. -0.00 min  
Lab File: BG018725.D  
Acq: 17 Sep 2015 3:15

Tgt Ion:168 Resp: 672151  
Ion Ratio Lower Upper  
168 100  
139 34.8 27.4 41.0  
169 14.2 11.0 16.4





#55

4-Nitrophenol

Concen: 38.01 ng

RT: 14.84 min Scan# 2043

Delta R.T. 0.00 min

Lab File: BG018725.D

Acq: 17 Sep 2015 3:15

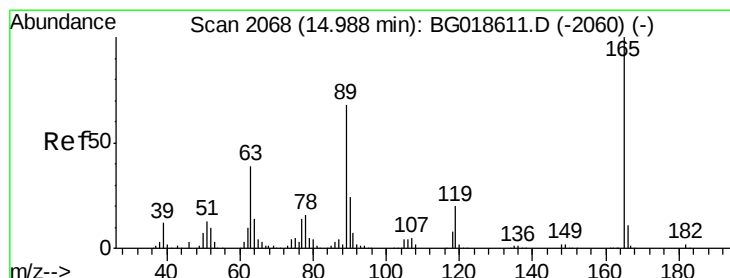
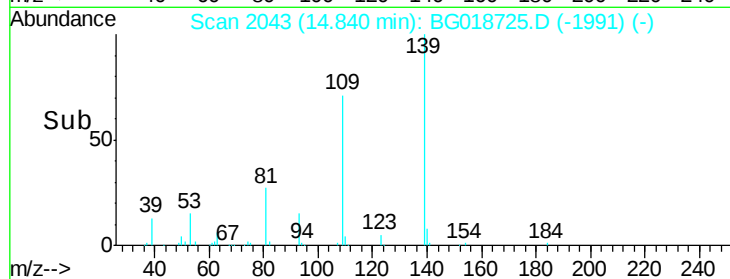
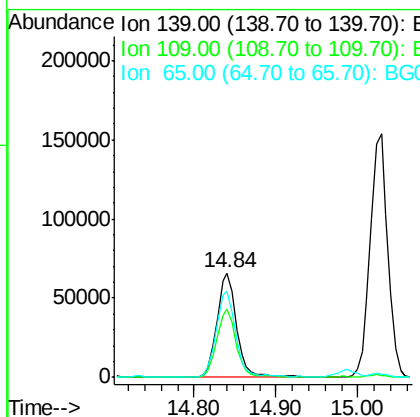
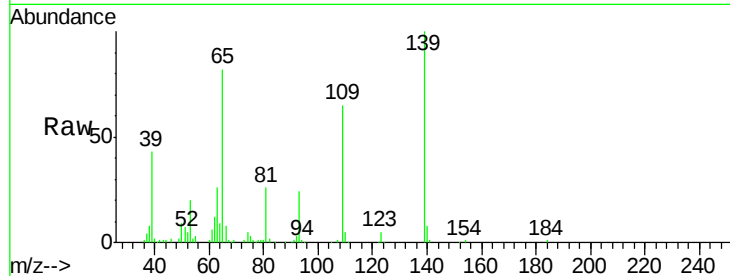
Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 139   | Resp: | 111137 |
| Ion      | Ratio | Lower | Upper  |
| 139      | 100   |       |        |
| 109      | 65.0  | 43.2  | 83.2   |
| 65       | 82.2  | 67.8  | 107.8  |



#56

2,4-Dinitrotoluene

Concen: 40.84 ng

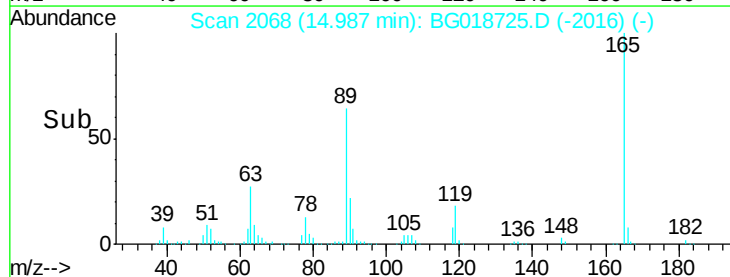
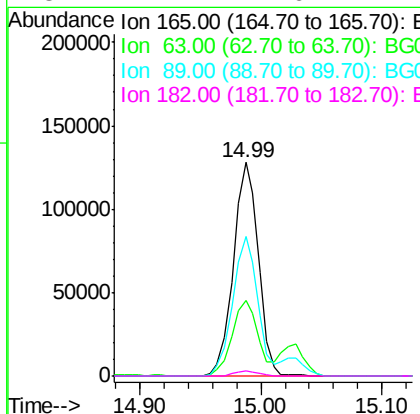
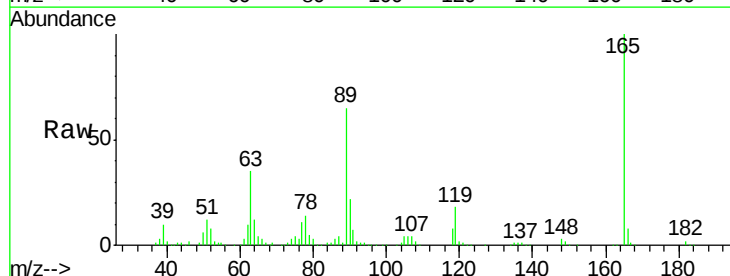
RT: 14.99 min Scan# 2068

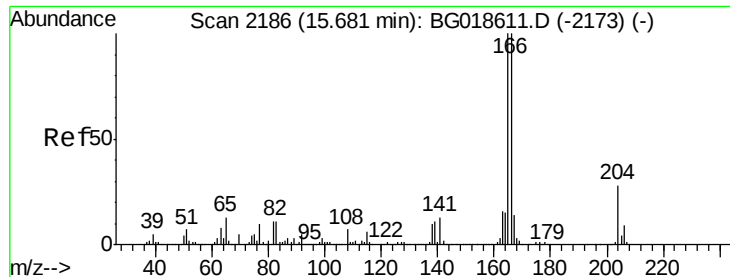
Delta R.T. 0.00 min

Lab File: BG018725.D

Acq: 17 Sep 2015 3:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 183563 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 35.4  | 31.0  | 46.4   |
| 89       | 65.4  | 54.4  | 81.6   |
| 182      | 2.4   | 1.6   | 2.4    |





#57

Fluorene

Concen: 38.77 ng

RT: 15.67 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG018725.D

Acq: 17 Sep 2015 3:15

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

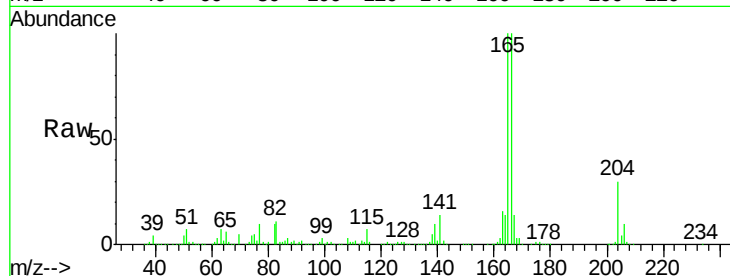
Tgt Ion:166 Resp: 575774

Ion Ratio Lower Upper

166 100

165 100.2 80.0 120.0

167 14.3 11.1 16.7

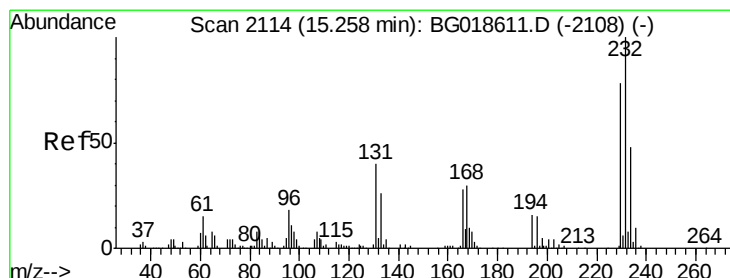
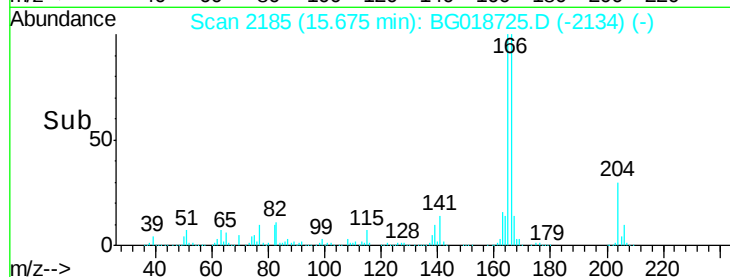
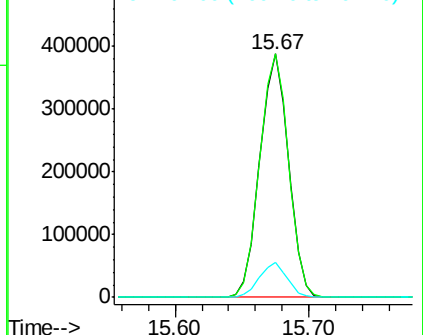


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.10 ng

RT: 15.25 min Scan# 2113

Delta R.T. -0.00 min

Lab File: BG018725.D

Acq: 17 Sep 2015 3:15

Tgt Ion:232 Resp: 155640

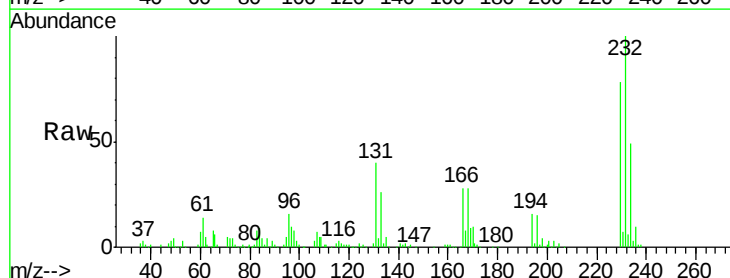
Ion Ratio Lower Upper

232 100

131 40.2 33.0 49.6

130 2.0 2.0 3.0

166 28.0 24.1 36.1



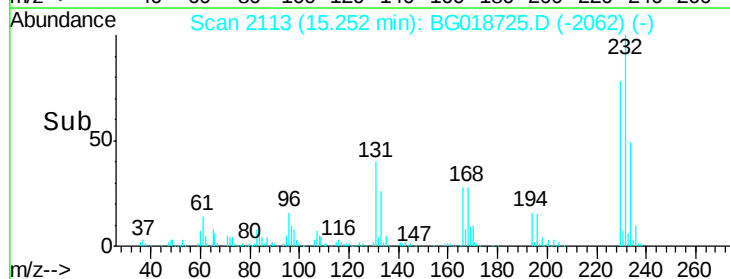
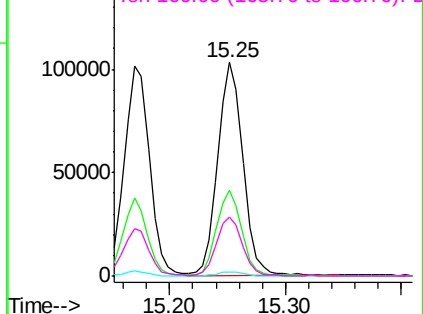
Abundance

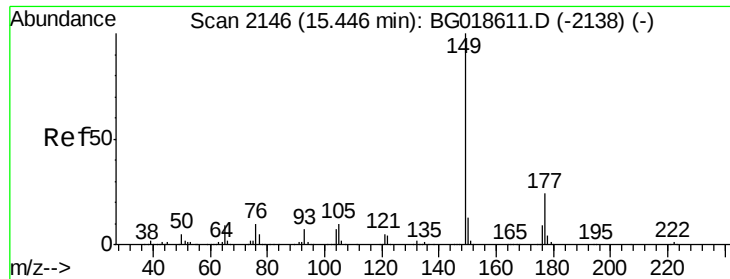
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

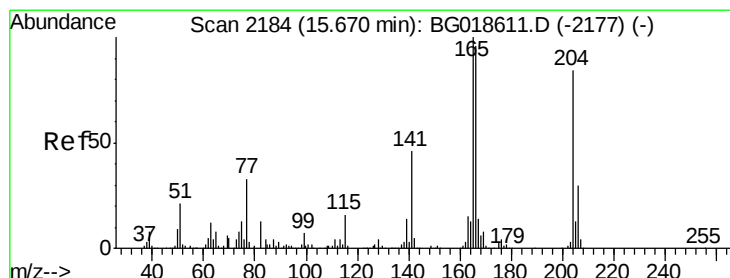
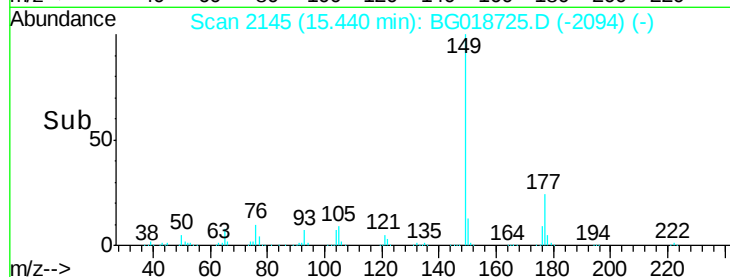
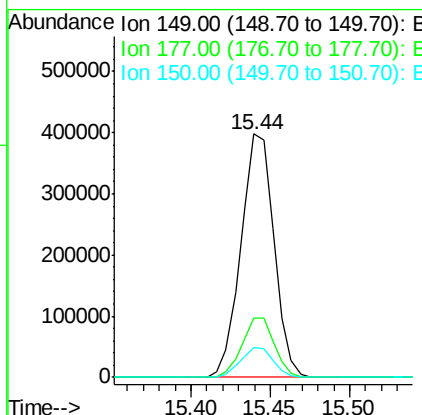
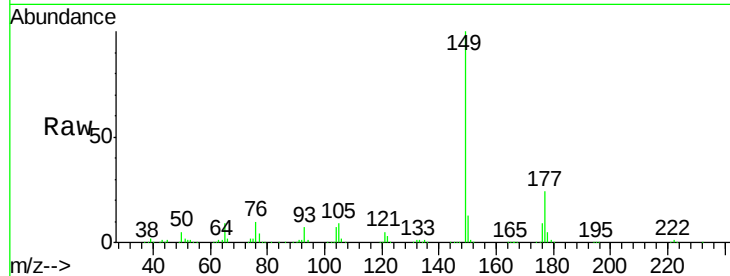




#59  
Diethylphthalate  
Concen: 37.83 ng  
RT: 15.44 min Scan# 2145  
Delta R.T. -0.00 min  
Lab File: BG018725.D  
Acq: 17 Sep 2015 3:15

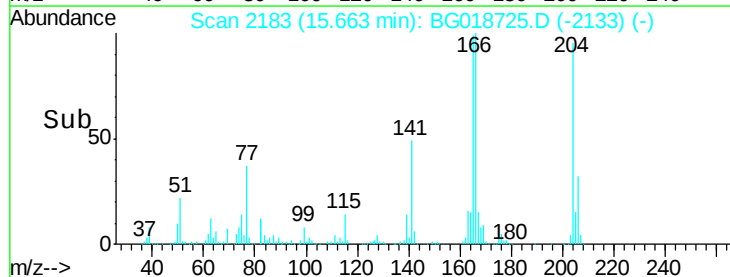
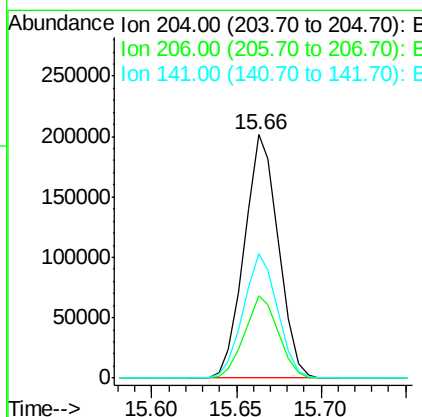
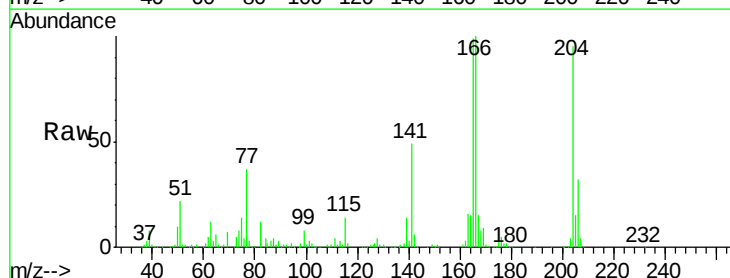
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

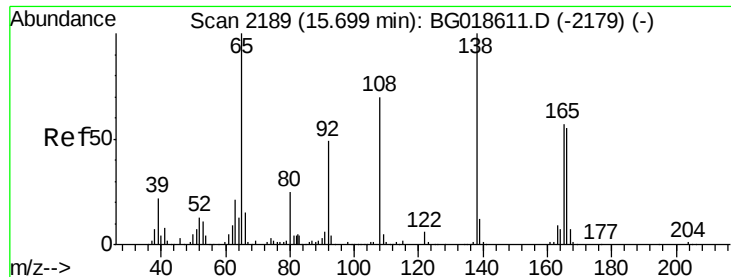
Tgt Ion:149 Resp: 575567  
Ion Ratio Lower Upper  
149 100  
177 24.2 19.6 29.4  
150 12.5 10.2 15.2



#60  
4-Chlorophenyl-phenylether  
Concen: 39.59 ng  
RT: 15.66 min Scan# 2183  
Delta R.T. -0.01 min  
Lab File: BG018725.D  
Acq: 17 Sep 2015 3:15

Tgt Ion:204 Resp: 282543  
Ion Ratio Lower Upper  
204 100  
206 33.6 28.3 42.5  
141 51.1 44.0 66.0

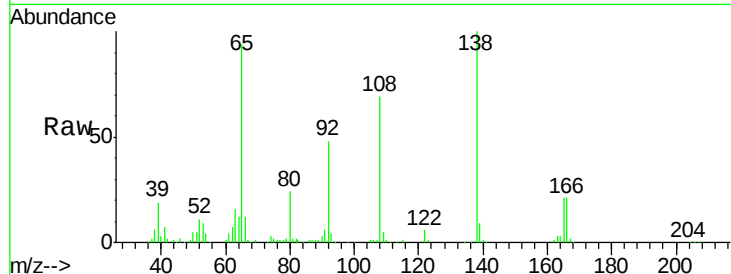




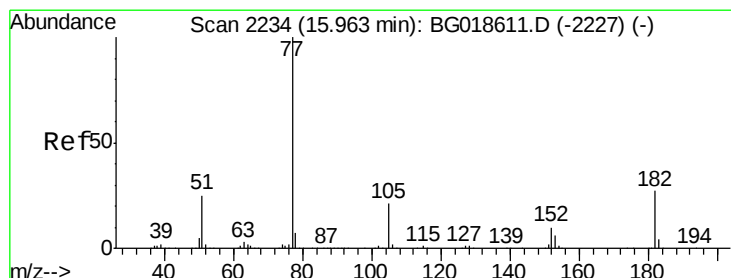
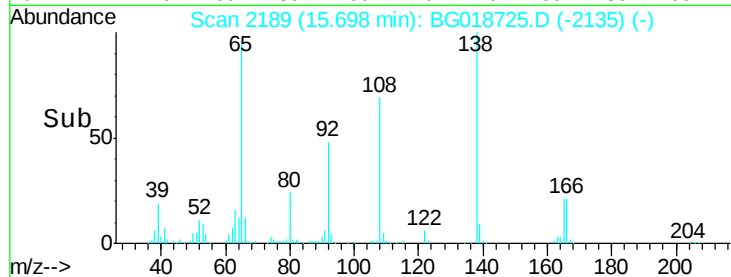
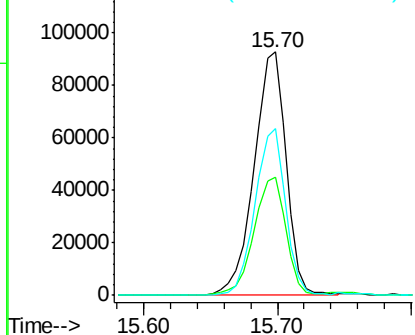
#61  
4-Nitroaniline  
Concen: 37.60 ng  
RT: 15.70 min Scan# 2189  
Delta R.T. 0.02 min  
Lab File: BG018725.D  
Acq: 17 Sep 2015 3:15

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 48.3  | 29.1  | 69.1  |
| 108     | 68.5  | 49.8  | 89.8  |

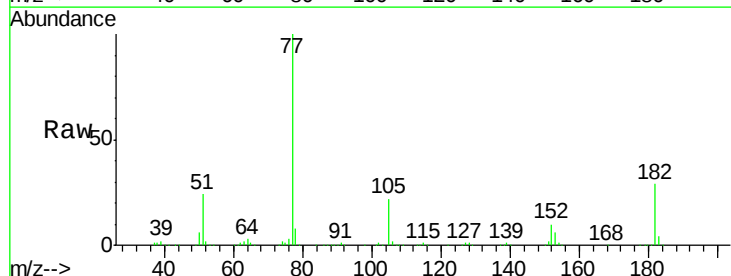


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BGC  
Ion 108.00 (107.70 to 108.70): E

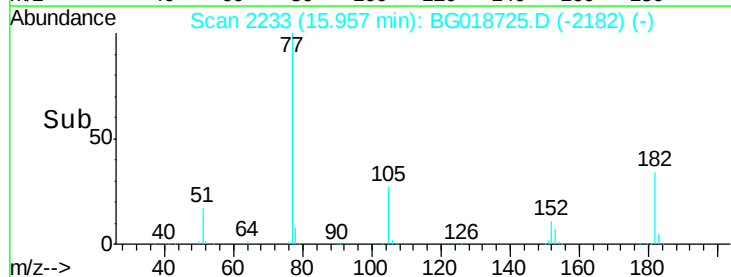
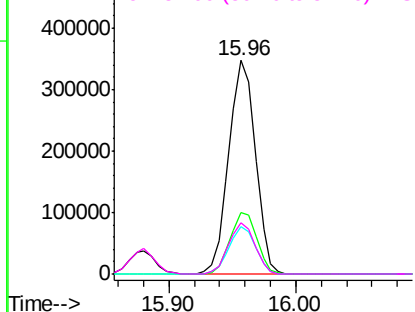


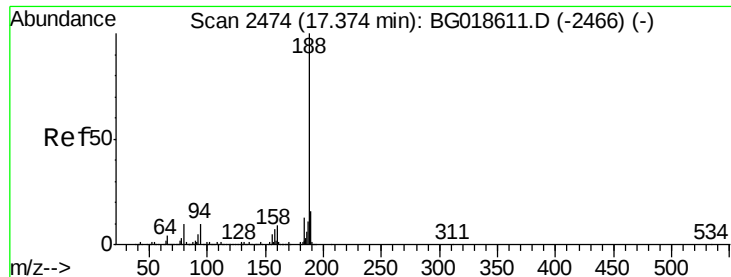
#62  
Azobenzene  
Concen: 37.53 ng  
RT: 15.96 min Scan# 2233  
Delta R.T. -0.00 min  
Lab File: BG018725.D  
Acq: 17 Sep 2015 3:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 28.5  | 7.0   | 47.0  |
| 105     | 22.0  | 1.4   | 41.4  |
| 51      | 24.0  | 4.9   | 44.9  |



Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2474

Delta R.T. -0.00 min

Lab File: BG018725.D

Acq: 17 Sep 2015 3:15

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

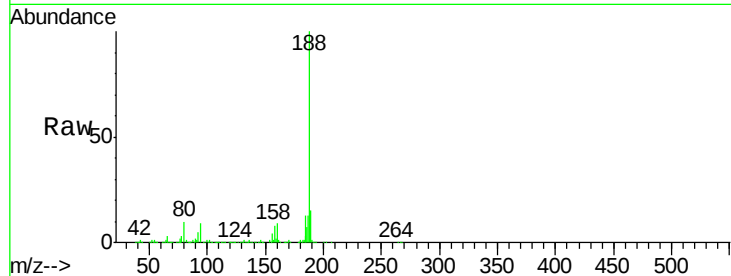
Tgt Ion:188 Resp: 448830

Ion Ratio Lower Upper

188 100

94 8.8 7.7 11.5

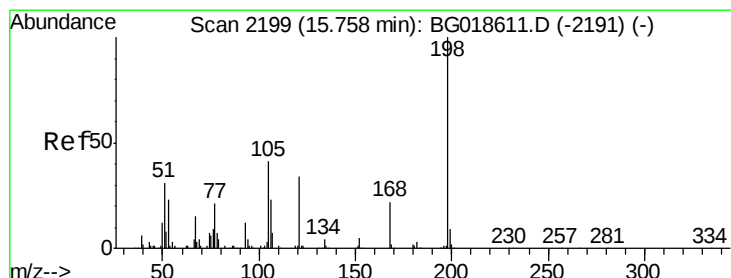
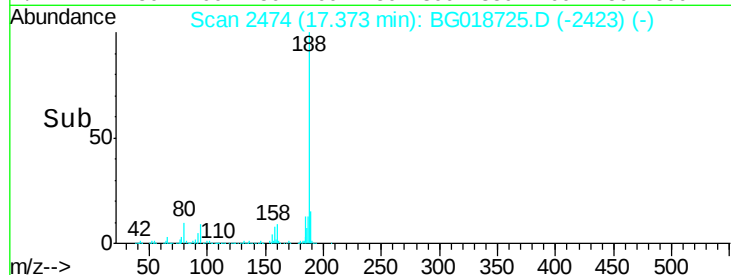
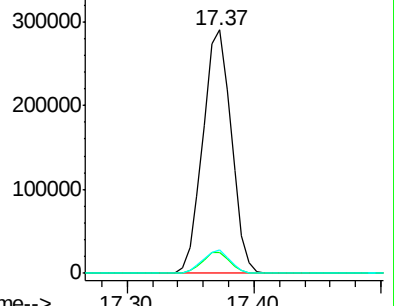
80 9.5 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#64

4,6-Dinitro-2-methylphenol

Concen: 30.12 ng

RT: 15.75 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG018725.D

Acq: 17 Sep 2015 3:15

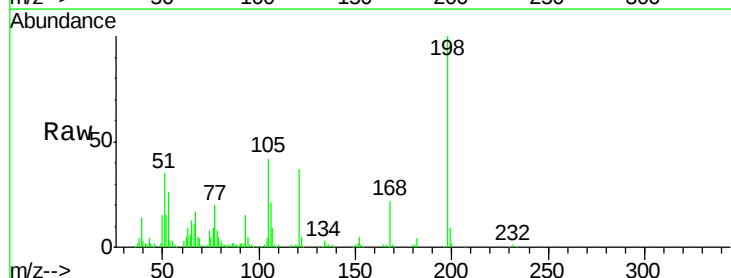
Tgt Ion:198 Resp: 67363

Ion Ratio Lower Upper

198 100

51 35.1 14.2 54.2

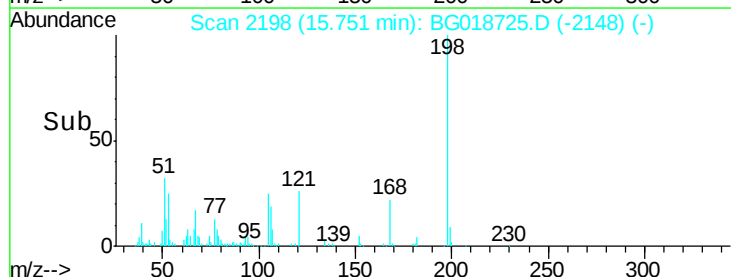
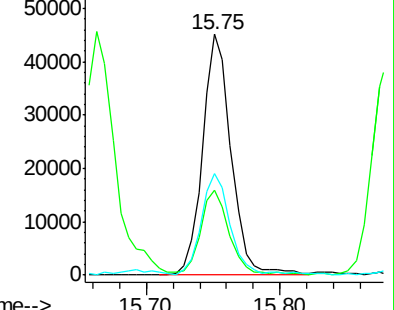
105 42.2 21.1 61.1

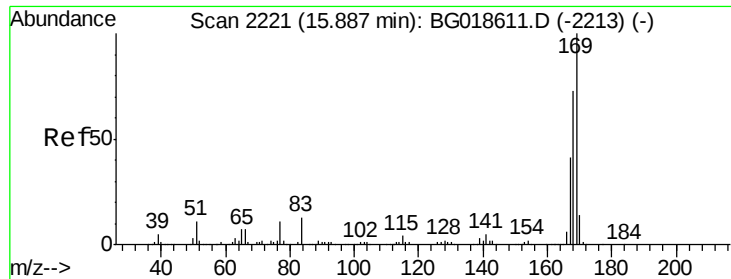


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

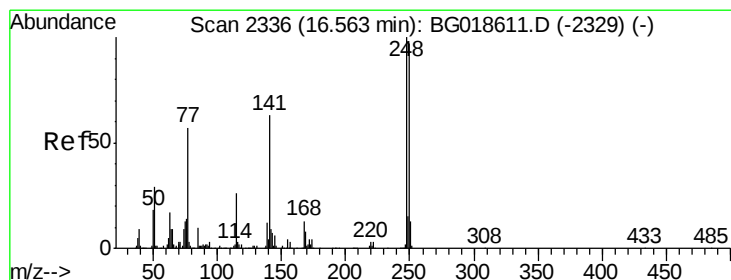
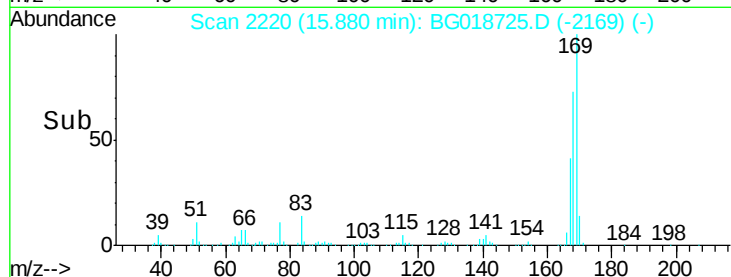
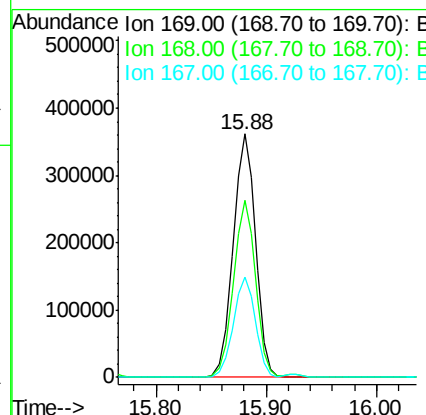
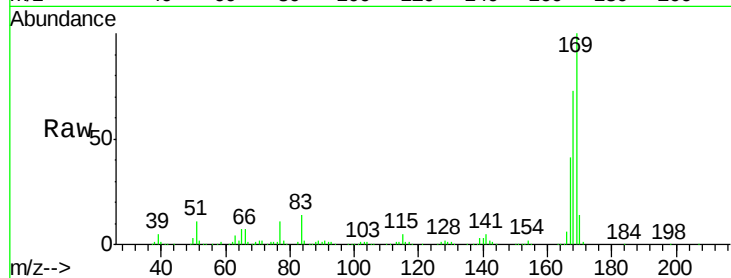




#65  
 n-Nitrosodiphenylamine  
 Concen: 39.73 ng  
 RT: 15.88 min Scan# 2220  
 Delta R.T. -0.00 min  
 Lab File: BG018725.D  
 Acq: 17 Sep 2015 3:15

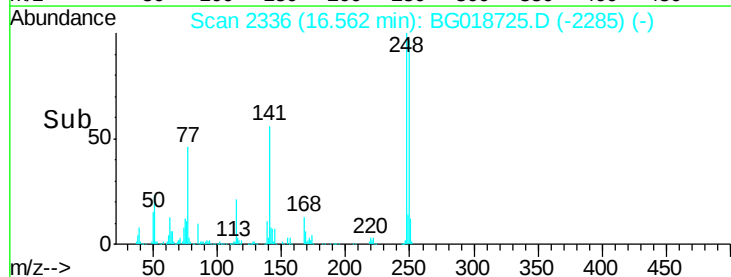
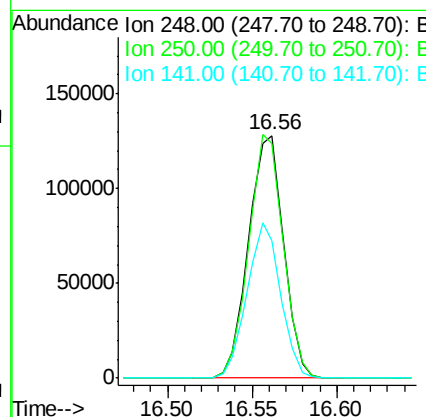
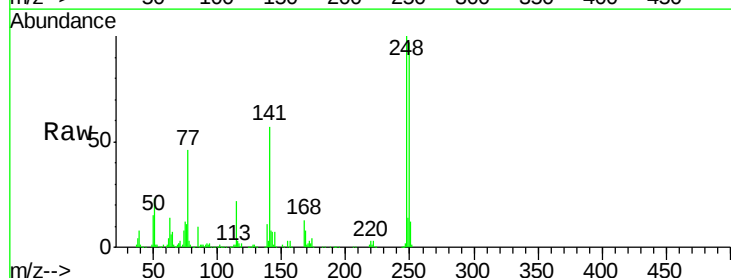
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

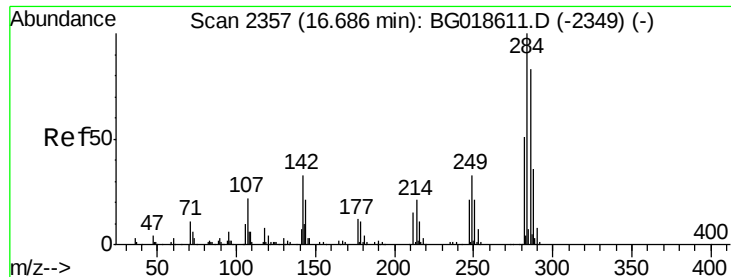
| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 169     | 516433 |       |       |
| 168     | 72.7   | 58.2  | 87.2  |
| 167     | 41.3   | 32.7  | 49.1  |



#66  
 4-Bromophenyl-phenylether  
 Concen: 40.71 ng  
 RT: 16.56 min Scan# 2336  
 Delta R.T. -0.00 min  
 Lab File: BG018725.D  
 Acq: 17 Sep 2015 3:15

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 248     | 185854 |       |       |
| 250     | 96.9   | 77.8  | 116.8 |
| 141     | 56.7   | 50.4  | 75.6  |





#67

Hexachlorobenzene

Concen: 41.96 ng

RT: 16.68 min Scan# 2356

Delta R.T. -0.00 min

Lab File: BG018725.D

Acq: 17 Sep 2015 3:15

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

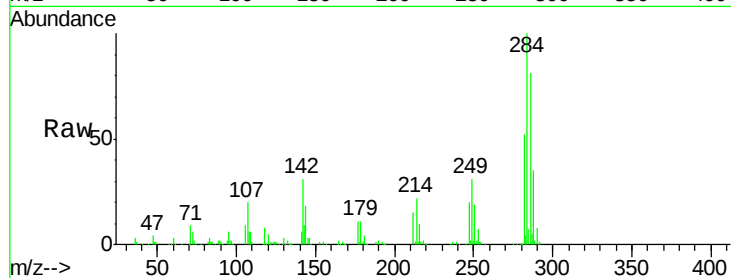
Tgt Ion:284 Resp: 208098

Ion Ratio Lower Upper

284 100

142 31.4 26.6 39.8

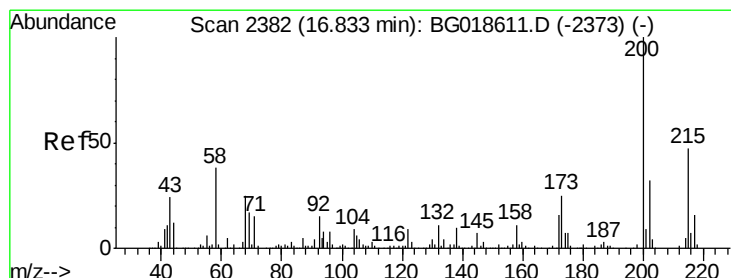
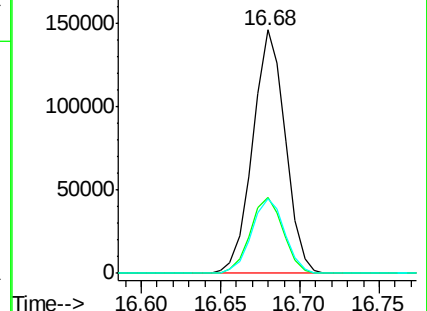
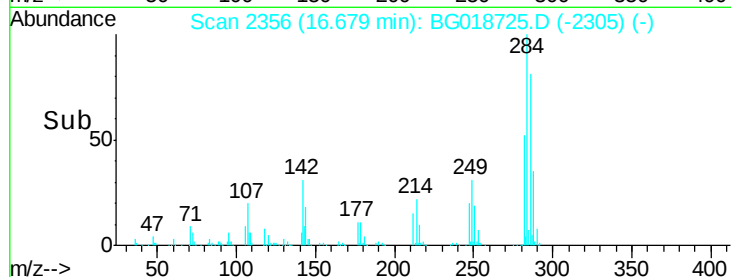
249 30.5 26.2 39.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 35.77 ng

RT: 16.83 min Scan# 2381

Delta R.T. -0.00 min

Lab File: BG018725.D

Acq: 17 Sep 2015 3:15

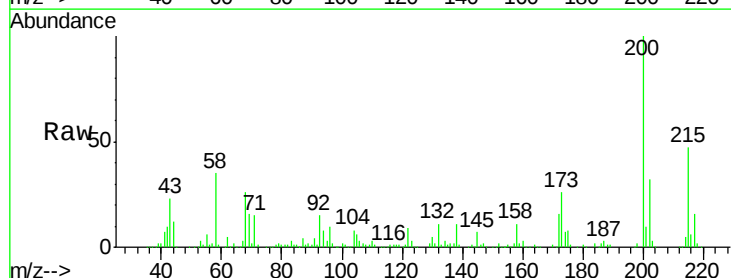
Tgt Ion:200 Resp: 184862

Ion Ratio Lower Upper

200 100

173 26.0 5.2 45.2

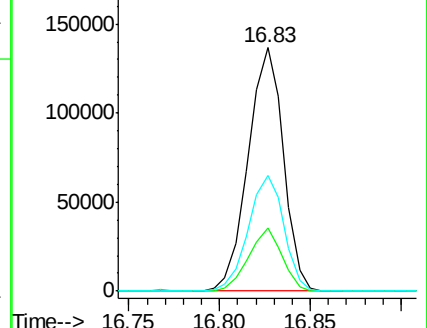
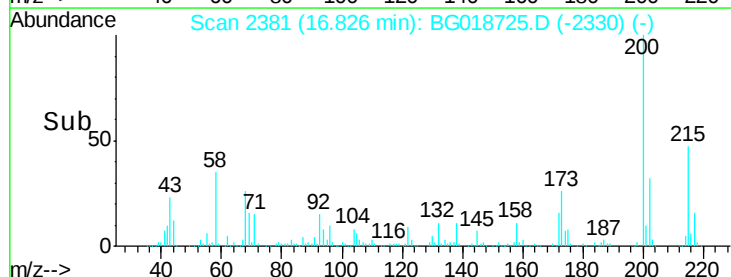
215 47.3 27.0 67.0

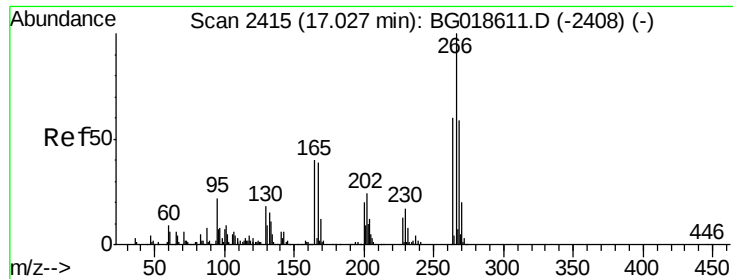


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

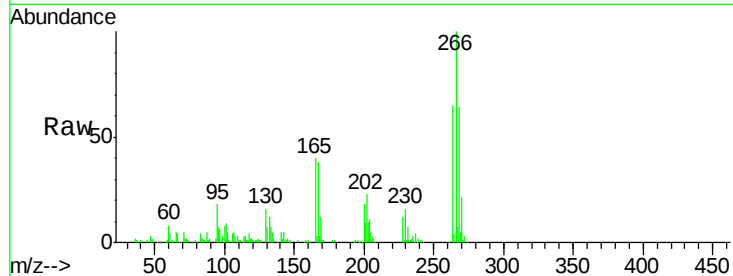




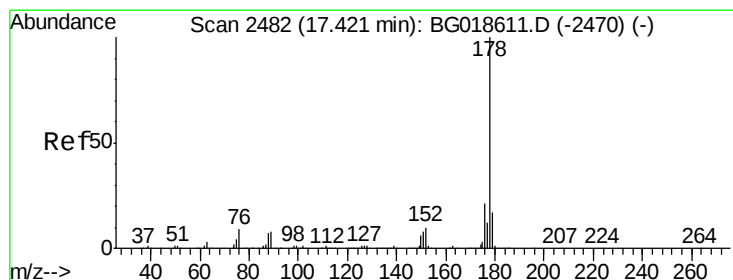
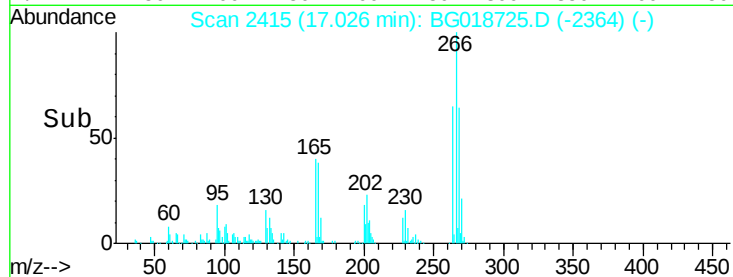
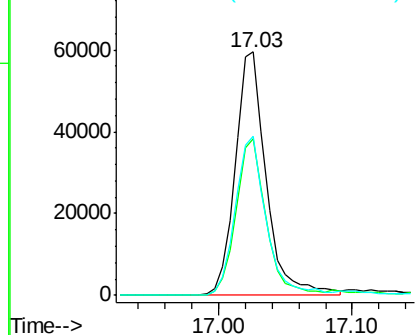
#69  
 Pentachlorophenol  
 Concen: 31.43 ng  
 RT: 17.03 min Scan# 2415  
 Delta R.T. -0.00 min  
 Lab File: BG018725.D  
 Acq: 17 Sep 2015 3:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.3  | 47.6  | 71.4  |
| 264     | 65.2  | 48.1  | 72.1  |

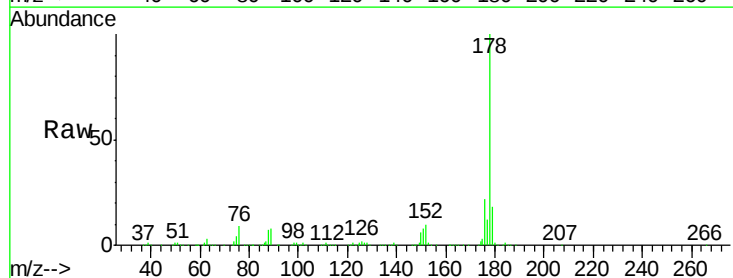


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

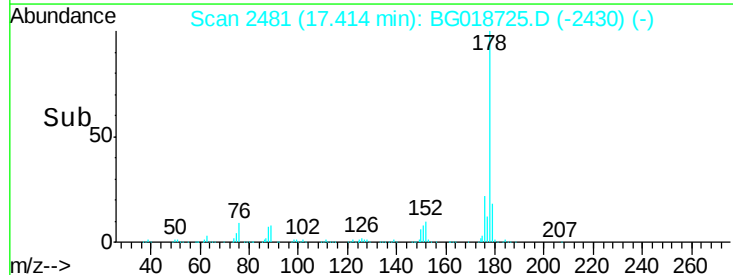
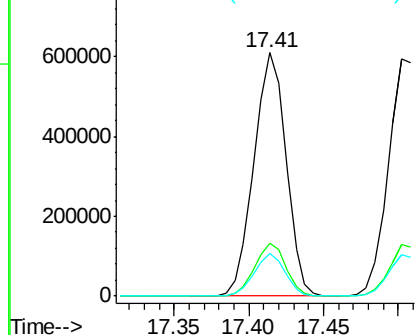


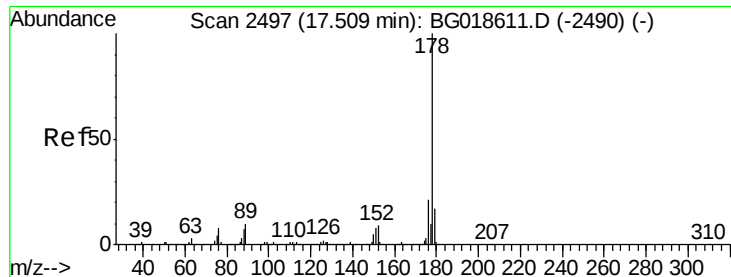
#70  
 Phenanthrene  
 Concen: 38.36 ng  
 RT: 17.41 min Scan# 2481  
 Delta R.T. -0.00 min  
 Lab File: BG018725.D  
 Acq: 17 Sep 2015 3:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 21.9  | 16.7  | 25.1  |
| 179     | 17.7  | 13.9  | 20.9  |



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 38.22 ng

RT: 17.50 min Scan# 2496

Delta R.T. -0.00 min

Lab File: BG018725.D

Acq: 17 Sep 2015 3:15

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

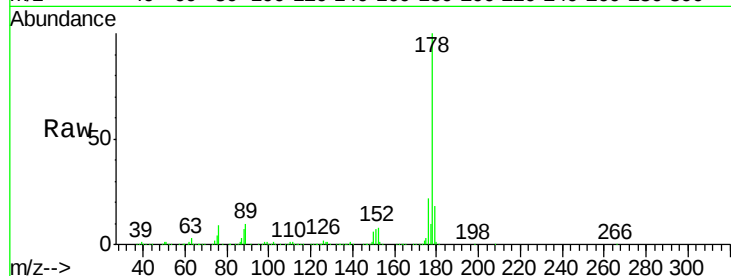
Tgt Ion:178 Resp: 913590

Ion Ratio Lower Upper

178 100

176 21.5 16.8 25.2

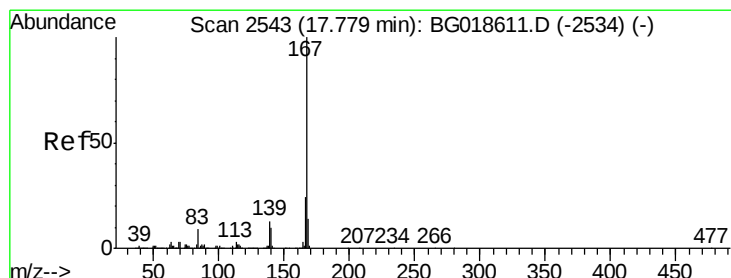
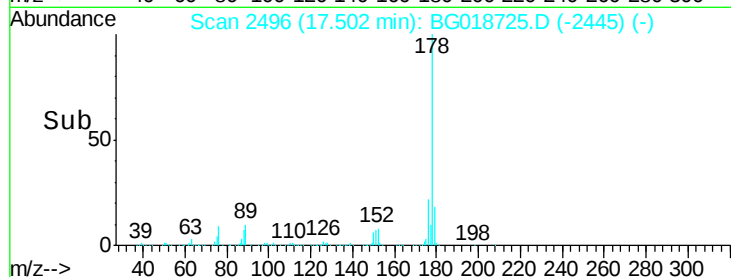
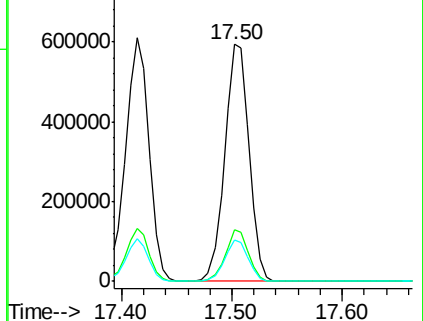
179 17.6 13.9 20.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.35 ng

RT: 17.77 min Scan# 2542

Delta R.T. -0.00 min

Lab File: BG018725.D

Acq: 17 Sep 2015 3:15

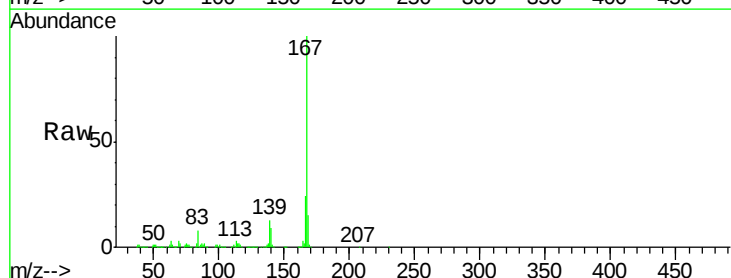
Tgt Ion:167 Resp: 864133

Ion Ratio Lower Upper

167 100

166 24.4 19.0 28.6

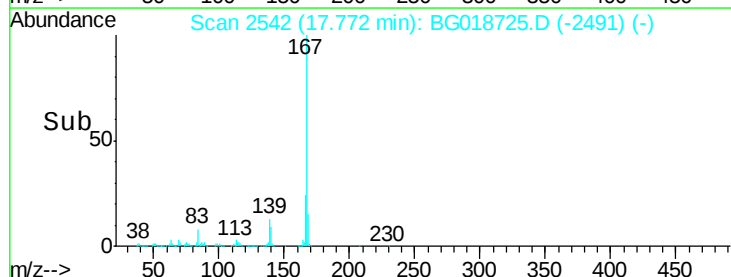
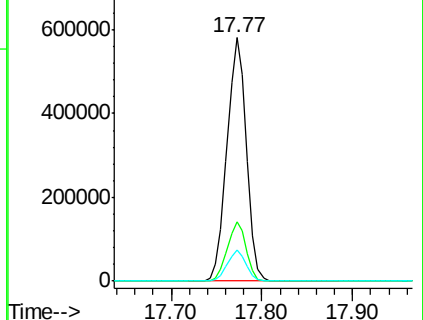
139 13.0 10.2 15.4

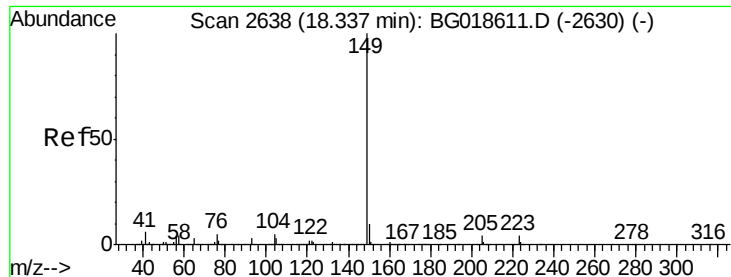


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

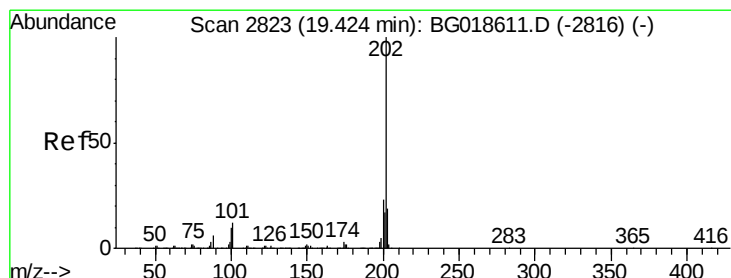
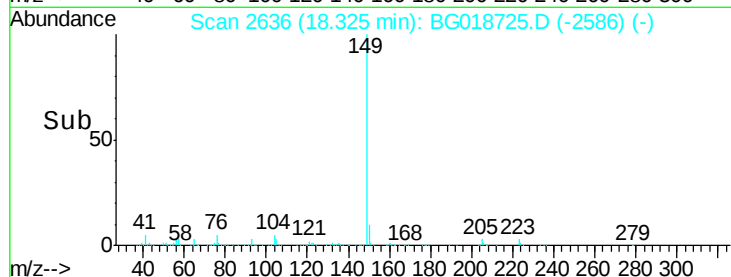
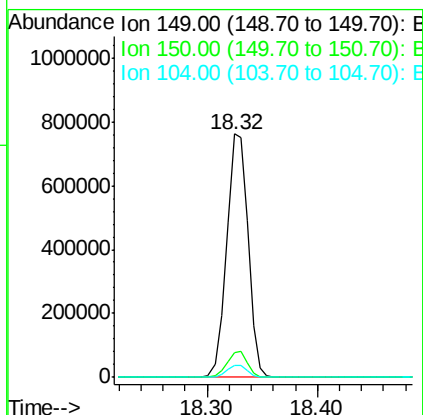
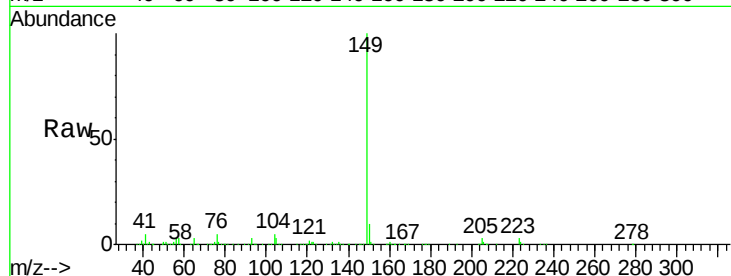




#73  
Di-n-butylphthalate  
Concen: 37.97 ng  
RT: 18.32 min Scan# 2636  
Delta R.T. -0.01 min  
Lab File: BG018725.D  
Acq: 17 Sep 2015 3:15

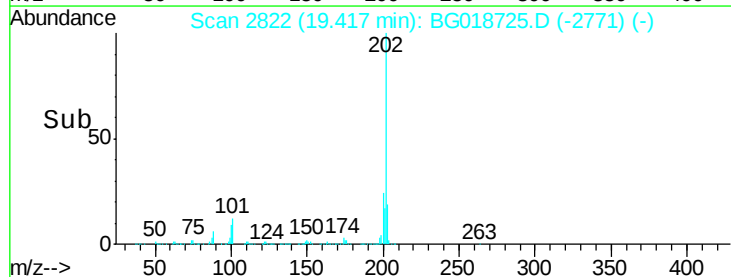
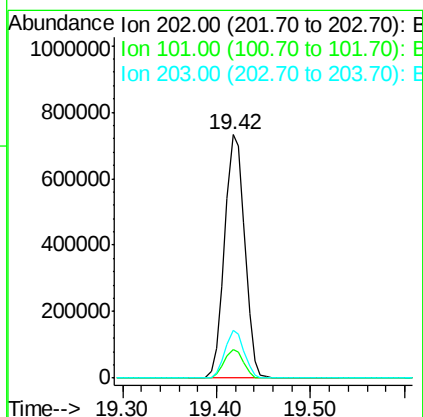
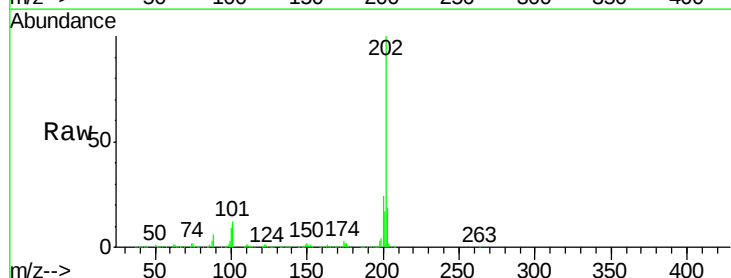
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

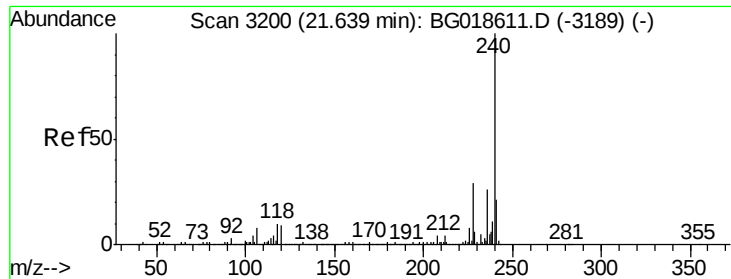
Tgt Ion:149 Resp: 1036238  
Ion Ratio Lower Upper  
149 100  
150 10.4 8.2 12.4  
104 5.1 4.4 6.6



#74  
Fluoranthene  
Concen: 37.38 ng  
RT: 19.42 min Scan# 2822  
Delta R.T. -0.00 min  
Lab File: BG018725.D  
Acq: 17 Sep 2015 3:15

Tgt Ion:202 Resp: 1092917  
Ion Ratio Lower Upper  
202 100  
101 11.6 0.0 32.4  
203 19.5 0.0 39.5

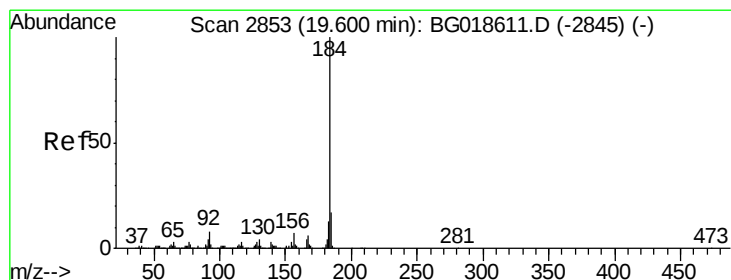
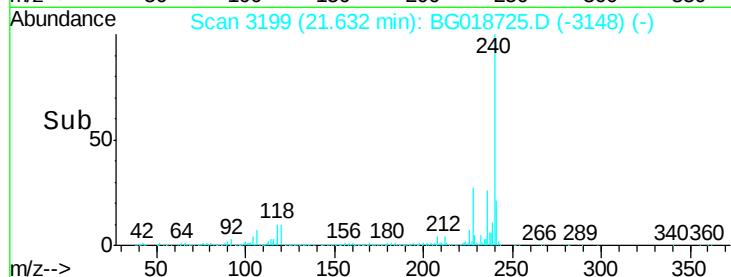
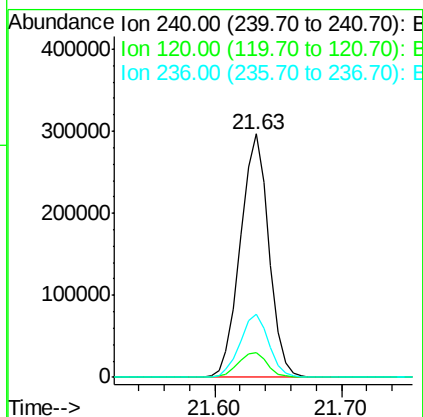
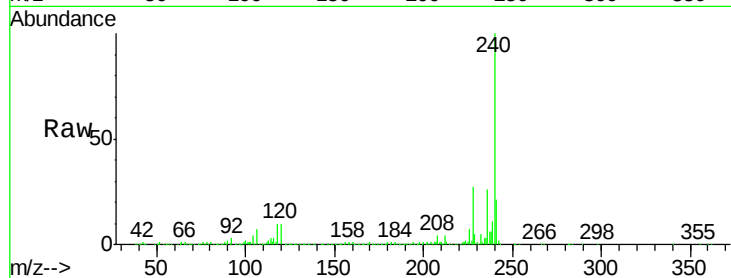




#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 21.63 min Scan# 3199  
 Delta R.T. -0.00 min  
 Lab File: BG018725.D  
 Acq: 17 Sep 2015 3:15

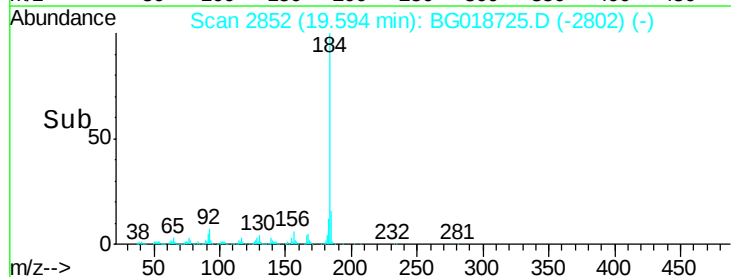
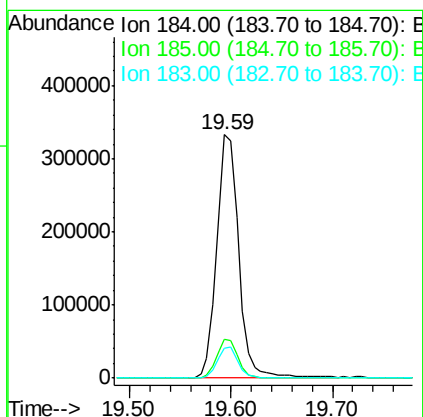
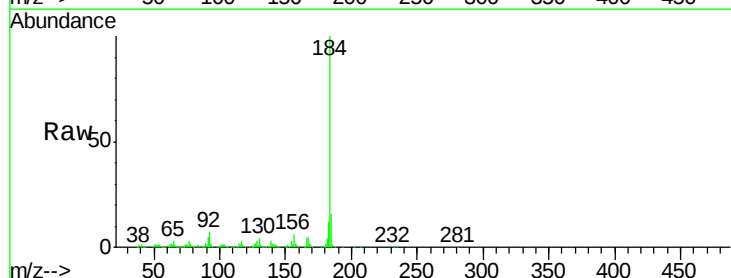
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

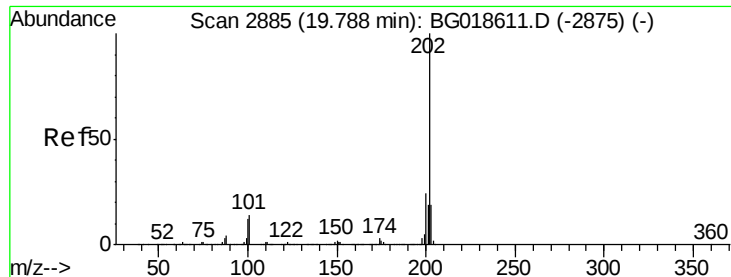
Tgt Ion: 240 Resp: 461724  
 Ion Ratio Lower Upper  
 240 100  
 120 10.2 7.4 11.0  
 236 26.0 20.7 31.1



#76  
 Benzidine  
 Concen: 36.46 ng  
 RT: 19.59 min Scan# 2852  
 Delta R.T. -0.01 min  
 Lab File: BG018725.D  
 Acq: 17 Sep 2015 3:15

Tgt Ion: 184 Resp: 505492  
 Ion Ratio Lower Upper  
 184 100  
 185 16.2 13.4 20.2  
 183 12.5 10.1 15.1

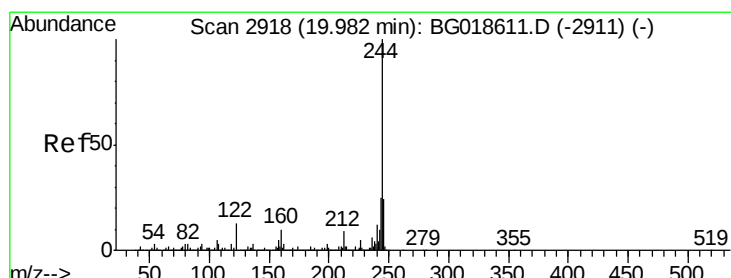
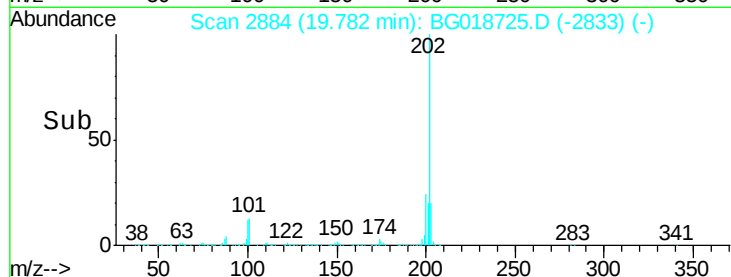
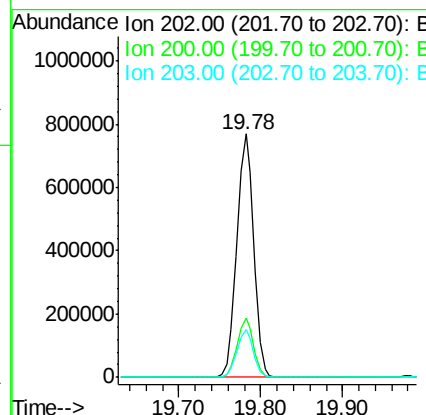
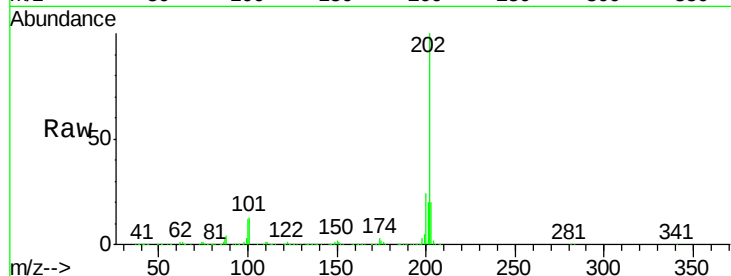




#77  
 Pyrene  
 Concen: 39.11 ng  
 RT: 19.78 min Scan# 2884  
 Delta R.T. -0.00 min  
 Lab File: BG018725.D  
 Acq: 17 Sep 2015 3:15

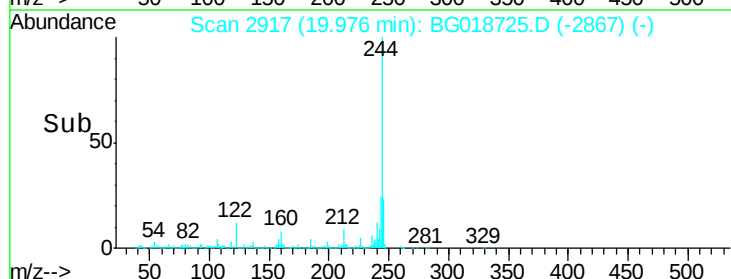
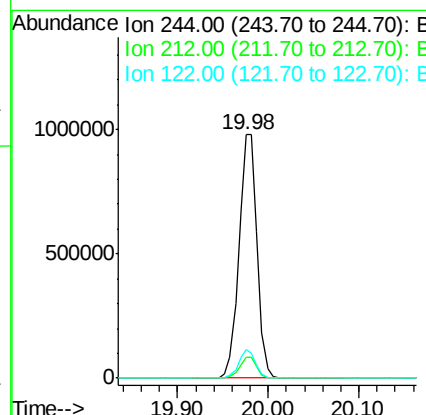
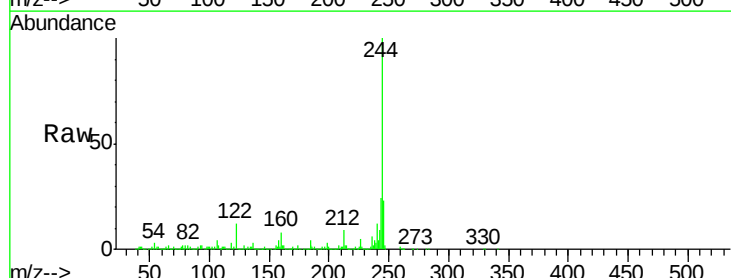
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

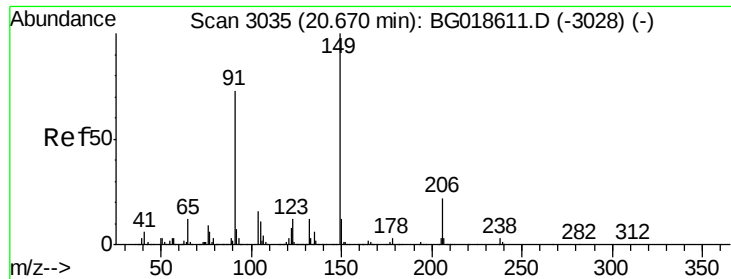
Tgt Ion:202 Resp: 1109702  
 Ion Ratio Lower Upper  
 202 100  
 200 24.1 19.4 29.0  
 203 19.7 15.5 23.3



#78  
 Terphenyl-d14  
 Concen: 77.53 ng  
 RT: 19.98 min Scan# 2917  
 Delta R.T. -0.01 min  
 Lab File: BG018725.D  
 Acq: 17 Sep 2015 3:15

Tgt Ion:244 Resp: 1363150  
 Ion Ratio Lower Upper  
 244 100  
 212 8.7 6.9 10.3  
 122 11.7 10.2 15.2

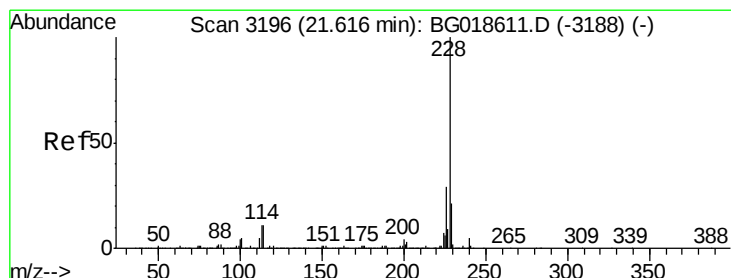
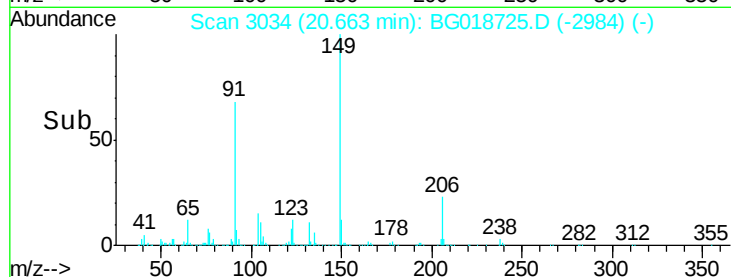
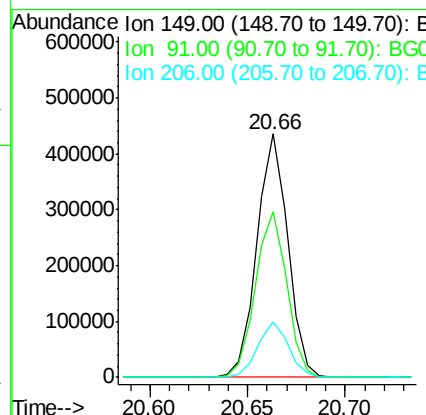
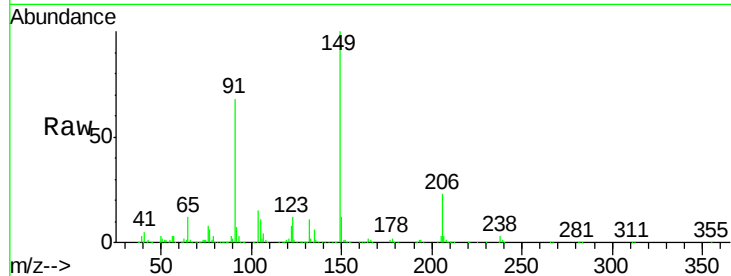




#79  
Butylbenzylphthalate  
Concen: 41.49 ng  
RT: 20.66 min Scan# 3034  
Delta R.T. -0.01 min  
Lab File: BG018725.D  
Acq: 17 Sep 2015 3:15

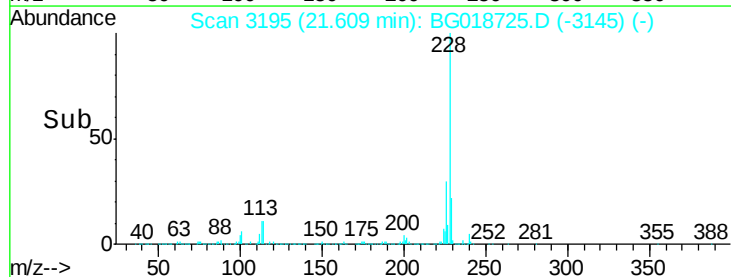
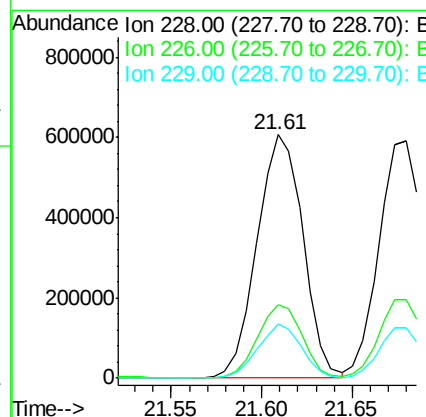
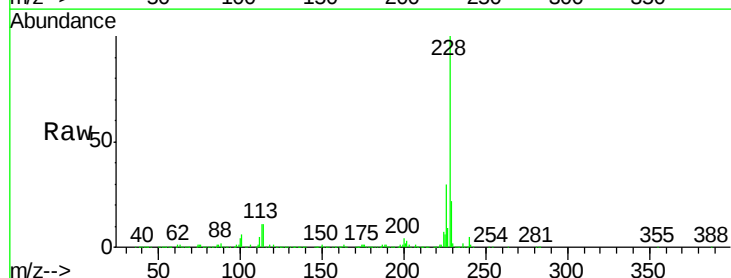
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

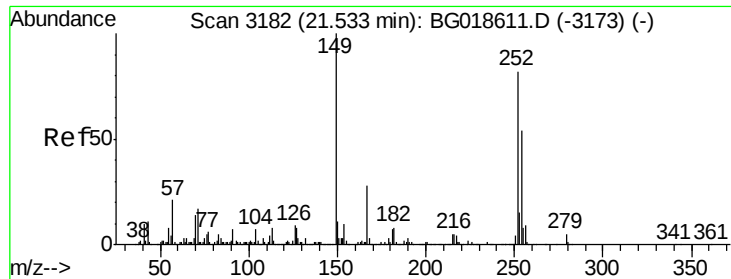
Tgt Ion:149 Resp: 478588  
Ion Ratio Lower Upper  
149 100  
91 67.8 58.1 87.1  
206 22.9 17.8 26.8



#80  
Benzo(a)anthracene  
Concen: 40.11 ng  
RT: 21.61 min Scan# 3195  
Delta R.T. -0.01 min  
Lab File: BG018725.D  
Acq: 17 Sep 2015 3:15

Tgt Ion:228 Resp: 1066098  
Ion Ratio Lower Upper  
228 100  
226 30.2 23.4 35.0  
229 22.3 16.6 25.0

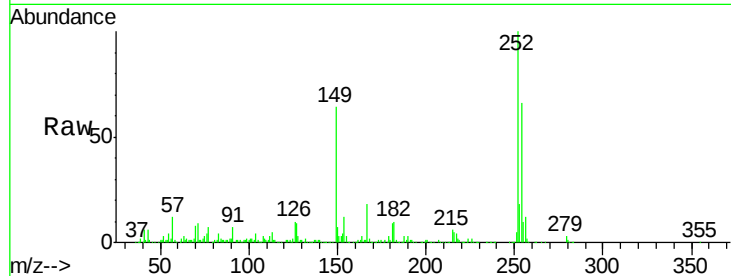




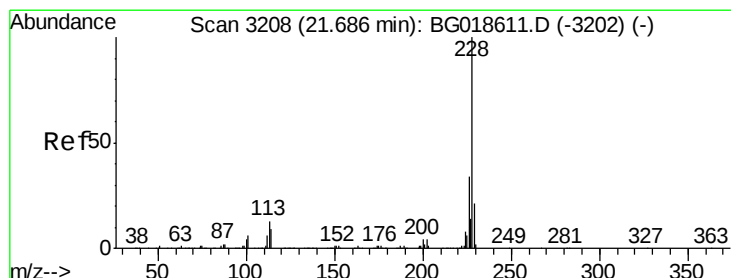
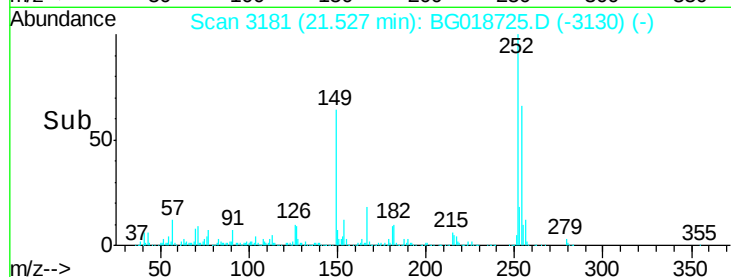
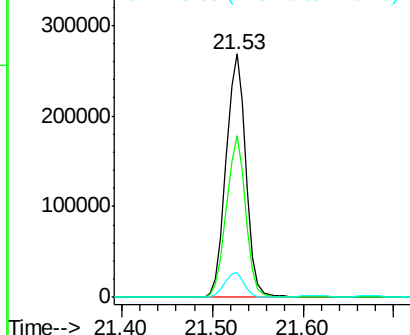
#81  
 3,3'-Dichlorobenzidine  
 Concen: 40.28 ng  
 RT: 21.53 min Scan# 3181  
 Delta R.T. -0.00 min  
 Lab File: BG018725.D  
 Acq: 17 Sep 2015 3:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:252 Resp: 406809  
 Ion Ratio Lower Upper  
 252 100  
 254 66.2 52.5 78.7  
 126 10.0 8.5 12.7

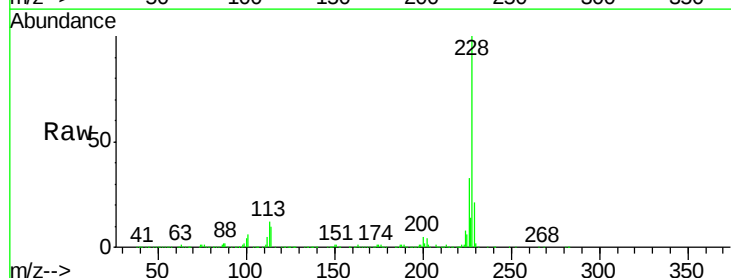


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

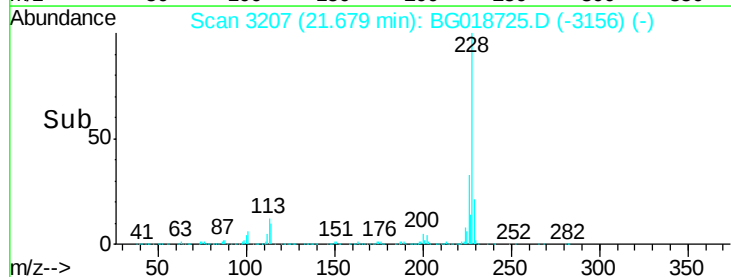
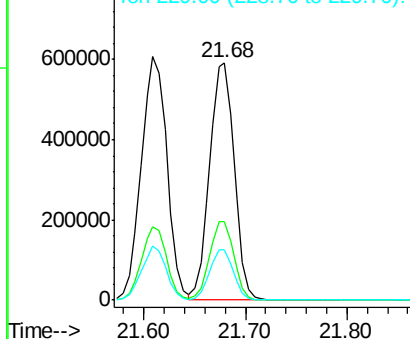


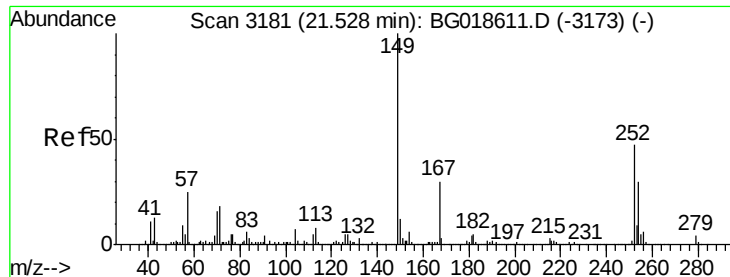
#82  
 Chrysene  
 Concen: 39.85 ng  
 RT: 21.68 min Scan# 3207  
 Delta R.T. -0.00 min  
 Lab File: BG018725.D  
 Acq: 17 Sep 2015 3:15

Tgt Ion:228 Resp: 997517  
 Ion Ratio Lower Upper  
 228 100  
 226 33.2 26.7 40.1  
 229 21.0 17.0 25.6



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

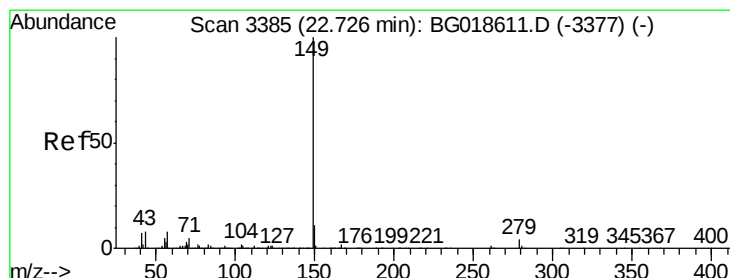
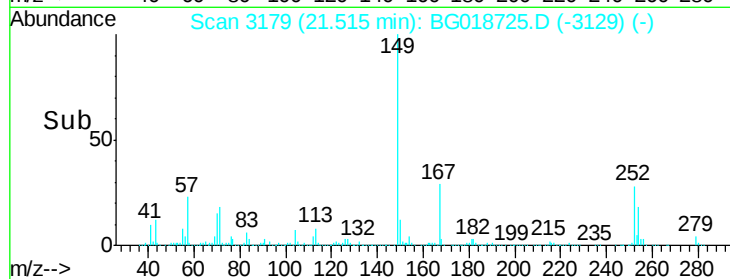
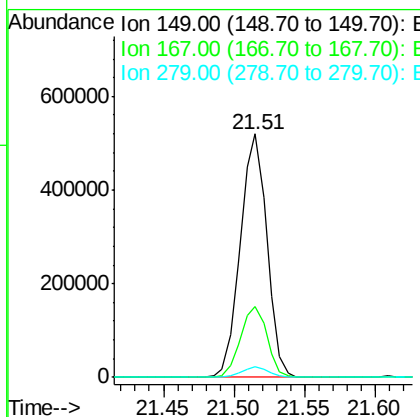
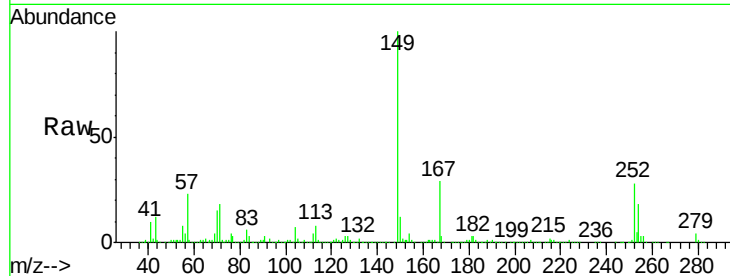




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 41.06 ng  
 RT: 21.51 min Scan# 3179  
 Delta R.T. -0.01 min  
 Lab File: BG018725.D  
 Acq: 17 Sep 2015 3:15

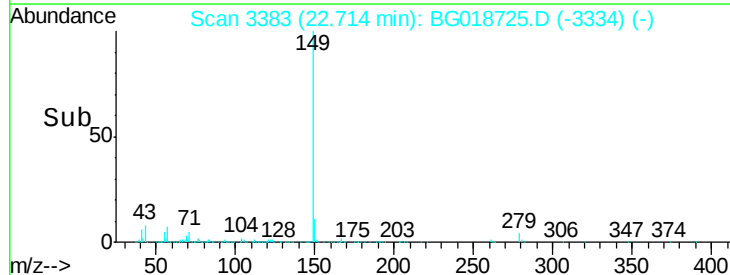
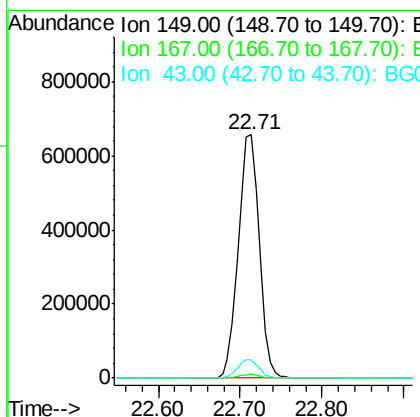
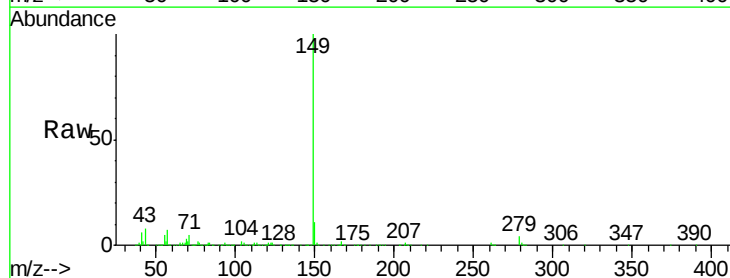
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

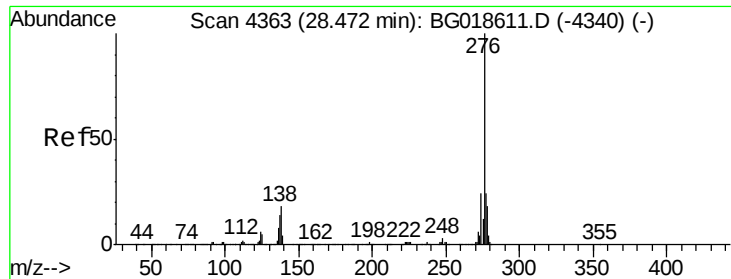
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 29.3  | 23.8  | 35.8  |
| 279     | 4.4   | 3.4   | 5.2   |



#84  
 Di-n-octyl phthalate  
 Concen: 41.80 ng  
 RT: 22.71 min Scan# 3383  
 Delta R.T. -0.01 min  
 Lab File: BG018725.D  
 Acq: 17 Sep 2015 3:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.2   | 1.8   |
| 43      | 7.7   | 5.9   | 8.9   |





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.80 ng

RT: 28.45 min Scan# 4359

Delta R.T. 0.00 min

Lab File: BG018725.D

Acq: 17 Sep 2015 3:15

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

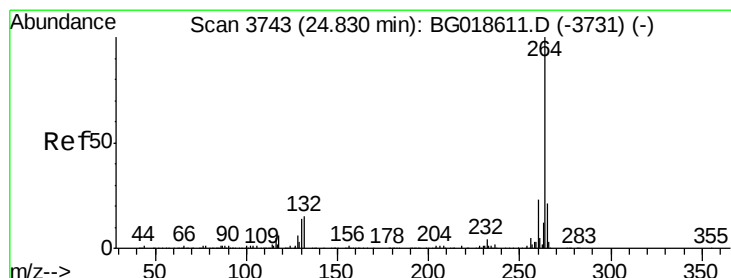
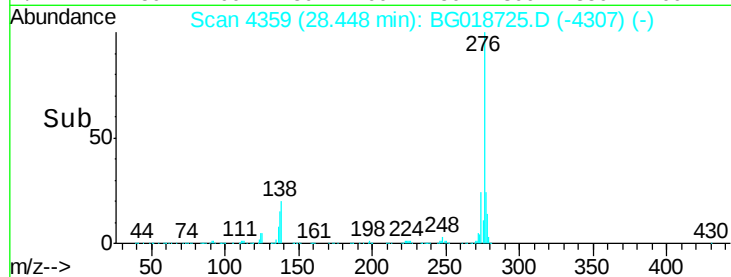
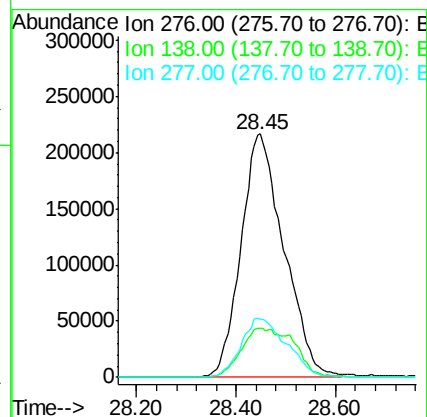
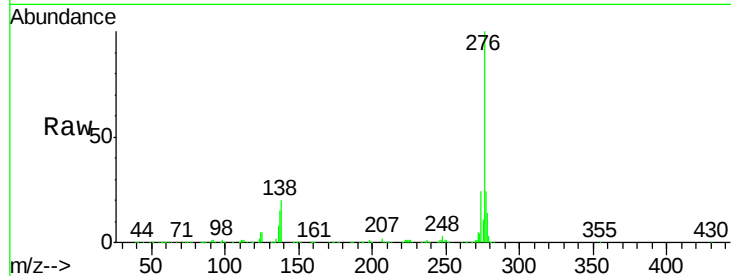
Tgt Ion:276 Resp: 1296750

Ion Ratio Lower Upper

276 100

138 25.0 0.0 0.0#

277 25.7 0.0 0.0#



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.82 min Scan# 3741

Delta R.T. -0.01 min

Lab File: BG018725.D

Acq: 17 Sep 2015 3:15

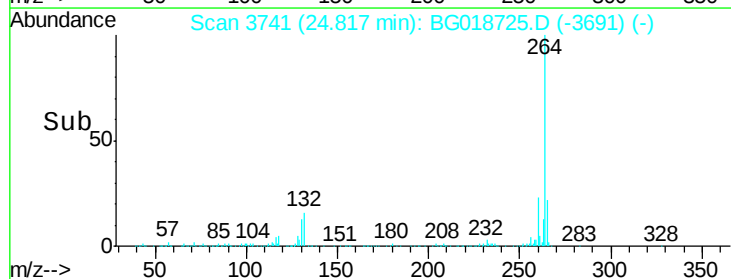
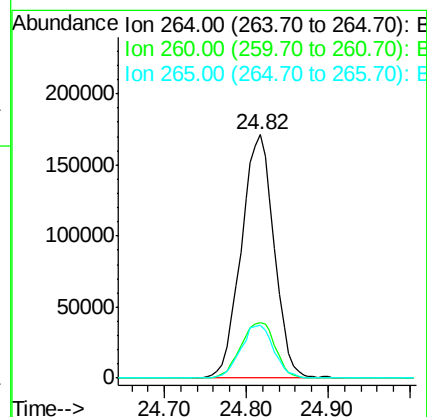
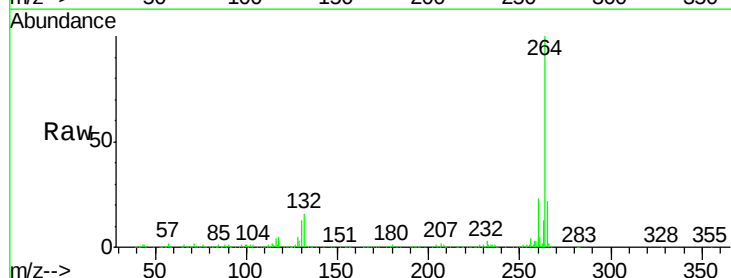
Tgt Ion:264 Resp: 477693

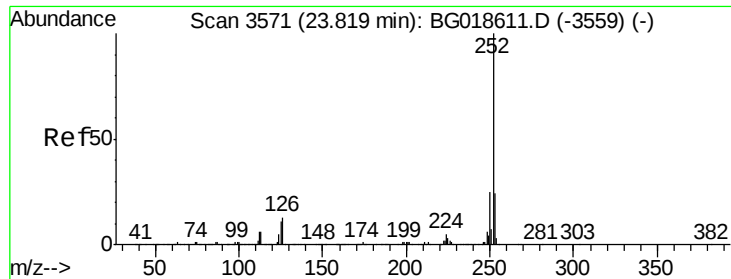
Ion Ratio Lower Upper

264 100

260 23.0 18.5 27.7

265 21.7 17.2 25.8

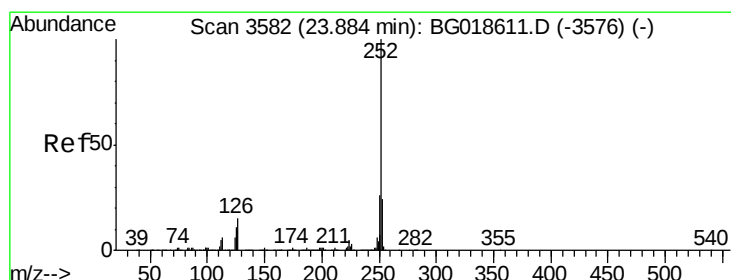
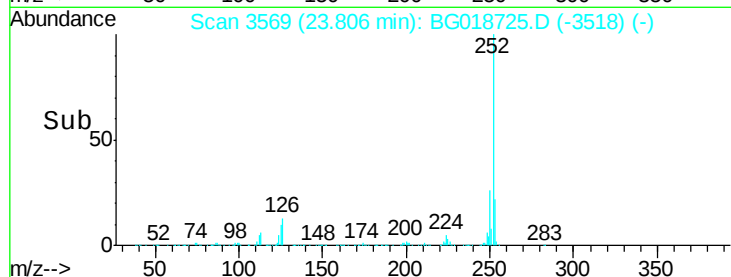
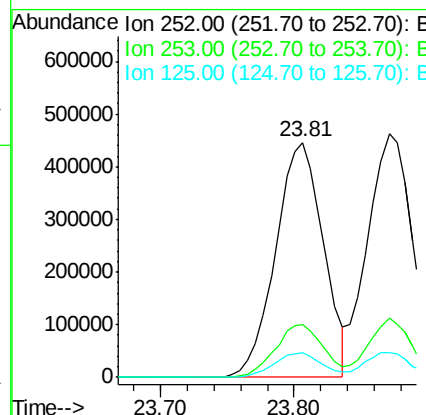
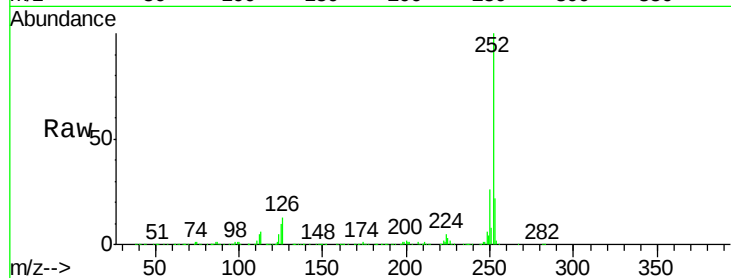




#87  
Benzo(b)fluoranthene  
Concen: 39.84 ng  
RT: 23.81 min Scan# 3569  
Delta R.T. -0.00 min  
Lab File: BG018725.D  
Acq: 17 Sep 2015 3:15

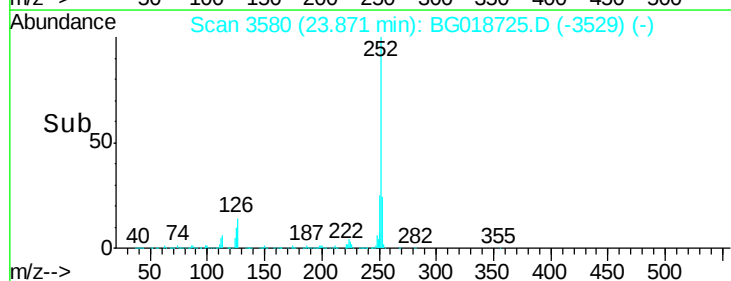
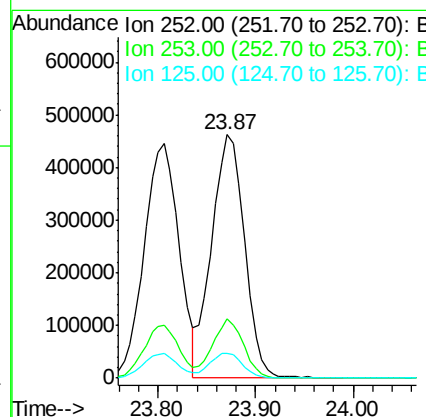
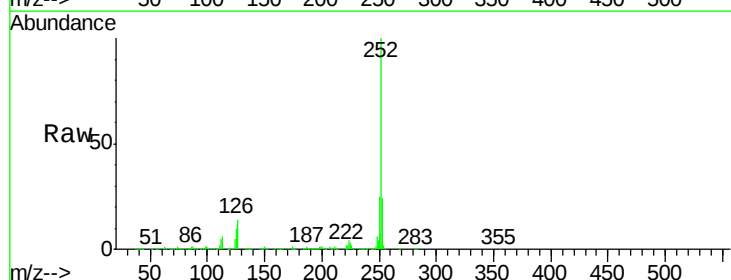
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

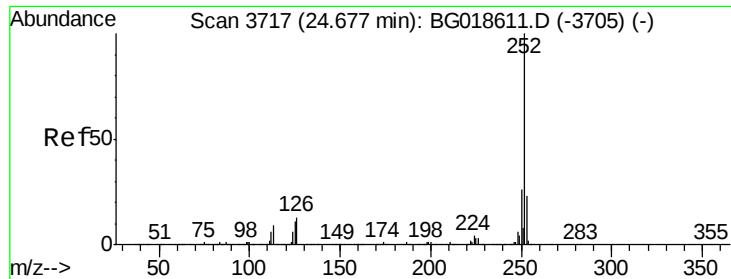
Tgt Ion:252 Resp: 1103646  
Ion Ratio Lower Upper  
252 100  
253 22.2 19.1 28.7  
125 10.3 8.9 13.3



#88  
Benzo(k)fluoranthene  
Concen: 38.82 ng  
RT: 23.87 min Scan# 3580  
Delta R.T. -0.00 min  
Lab File: BG018725.D  
Acq: 17 Sep 2015 3:15

Tgt Ion:252 Resp: 1077406  
Ion Ratio Lower Upper  
252 100  
253 24.4 19.0 28.4  
125 10.2 8.9 13.3

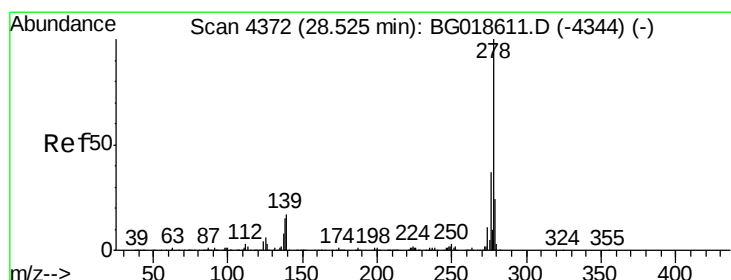
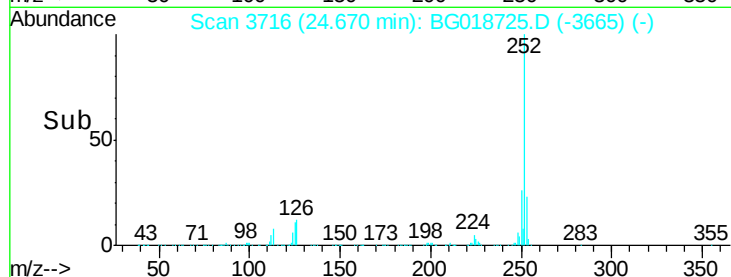
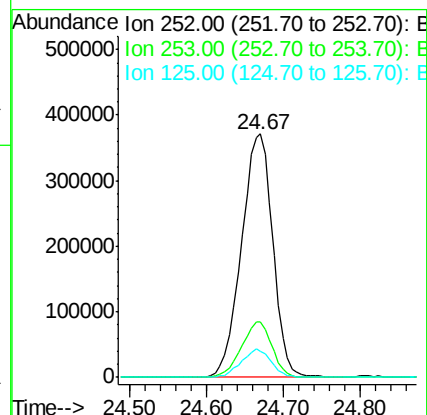
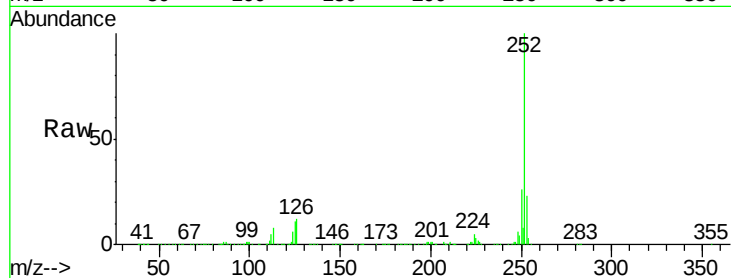




#89  
Benzo(a)pyrene  
Concen: 40.13 ng  
RT: 24.67 min Scan# 3716  
Delta R.T. -0.00 min  
Lab File: BG018725.D  
Acq: 17 Sep 2015 3:15

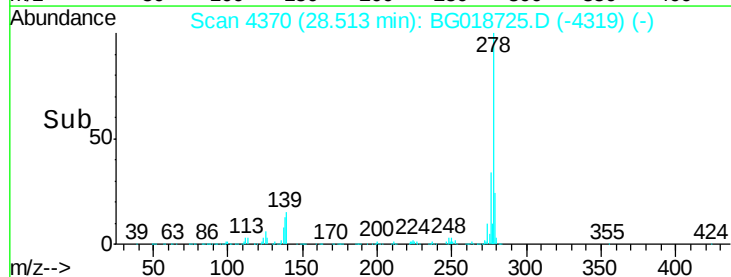
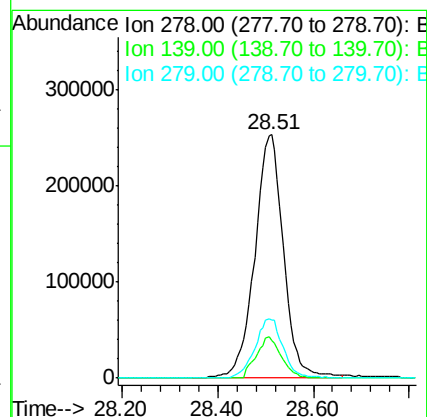
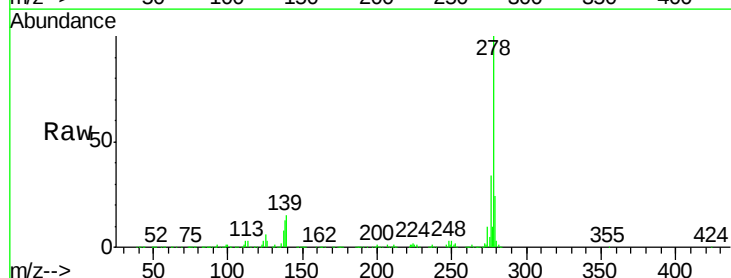
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

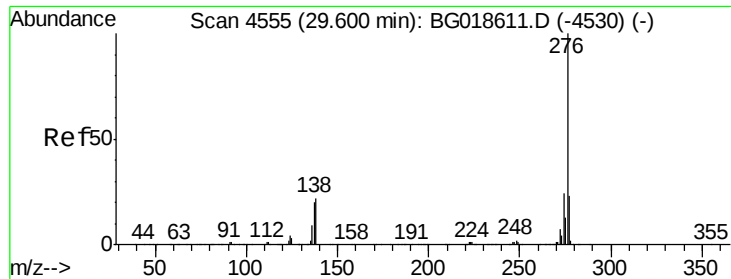
Tgt Ion:252 Resp: 1057643  
Ion Ratio Lower Upper  
252 100  
253 22.6 18.7 28.1  
125 10.8 9.1 13.7



#90  
Dibenzo(a,h)anthracene  
Concen: 40.70 ng  
RT: 28.51 min Scan# 4370  
Delta R.T. -0.00 min  
Lab File: BG018725.D  
Acq: 17 Sep 2015 3:15

Tgt Ion:278 Resp: 1056417  
Ion Ratio Lower Upper  
278 100  
139 15.5 13.8 20.6  
279 23.7 19.4 29.0





#91

Benzo(g,h,i)perylene

Concen: 39.65 ng

RT: 29.59 min Scan# 4553

Delta R.T. 0.00 min

Lab File: BG018725.D

Acq: 17 Sep 2015 3:15

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

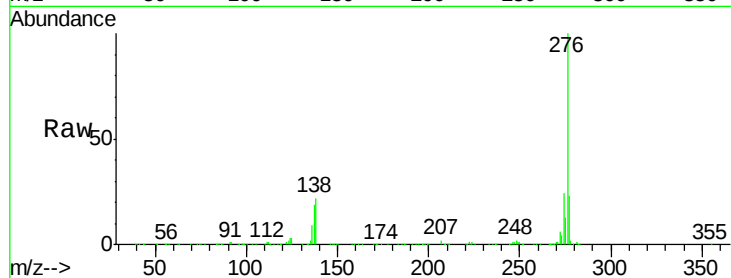
Tgt Ion:276 Resp: 1047839

Ion Ratio Lower Upper

276 100

277 22.9 18.4 27.6

138 21.7 17.4 26.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

