

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093016\  
 Data File : BG024177.D  
 Acq On : 1 Oct 2016 2:23  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Oct 01 04:08:55 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG092316.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 23 15:35:28 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.03  | 152  | 56275    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.86 | 136  | 270950   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 14.70 | 164  | 227020   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 17.47 | 188  | 502110   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 21.78 | 240  | 539708   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 25.11 | 264  | 532015   | 20.00 | ng    | -0.03    |

|                             |       |     |         |       |    |       |
|-----------------------------|-------|-----|---------|-------|----|-------|
| System Monitoring Compounds |       |     |         |       |    |       |
| 5) 2-Fluorophenol           | 5.58  | 112 | 263338  | 81.07 | ng | 0.00  |
| 7) Phenol-d6                | 7.20  | 99  | 401808  | 73.52 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 9.21  | 82  | 505904  | 73.59 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol    | 16.21 | 330 | 202361  | 62.01 | ng | -0.01 |
| 44) 2-Fluorobiphenyl        | 13.32 | 172 | 1007577 | 74.60 | ng | -0.01 |
| 78) Terphenyl-d14           | 20.08 | 244 | 1592088 | 60.40 | ng | -0.01 |

|                                |       |     |        |       |    |        |
|--------------------------------|-------|-----|--------|-------|----|--------|
| Target Compounds               |       |     |        |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 3.42  | 88  | 58518  | 47.07 | ng | 96     |
| 3) Pyridine                    | 3.84  | 79  | 183972 | 41.87 | ng | 93     |
| 4) n-Nitrosodimethylamine      | 3.76  | 42  | 82126  | 36.88 | ng | # 91   |
| 6) Aniline                     | 7.35  | 93  | 269908 | 35.16 | ng | 99     |
| 8) 2-Chlorophenol              | 7.60  | 128 | 136903 | 35.21 | ng | 93     |
| 9) Benzaldehyde                | 7.17  | 77  | 121416 | 40.79 | ng | 90     |
| 10) Phenol                     | 7.23  | 94  | 215524 | 37.51 | ng | 93     |
| 11) bis(2-Chloroethyl)ether    | 7.44  | 93  | 161885 | 35.73 | ng | 92     |
| 12) 1,3-Dichlorobenzene        | 7.92  | 146 | 158719 | 36.60 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 8.07  | 146 | 165323 | 37.36 | ng | 91     |
| 14) 1,2-Dichlorobenzene        | 8.38  | 146 | 160647 | 37.30 | ng | 91     |
| 15) Benzyl Alcohol             | 8.28  | 79  | 179048 | 33.85 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.55  | 45  | 218079 | 34.86 | ng | 96     |
| 17) 2-Methylphenol             | 8.49  | 107 | 140877 | 36.88 | ng | 94     |
| 18) Hexachloroethane           | 9.11  | 117 | 70586  | 37.86 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.84  | 70  | 178834 | 33.31 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.82  | 107 | 203393 | 36.66 | ng | 91     |
| 22) Acetophenone               | 8.86  | 105 | 291539 | 37.30 | ng | # 98   |
| 24) Nitrobenzene               | 9.26  | 77  | 277483 | 37.65 | ng | 96     |
| 25) Isophorone                 | 9.77  | 82  | 506453 | 36.12 | ng | # 97   |
| 26) 2-Nitrophenol              | 9.97  | 139 | 93608  | 35.81 | ng | 92     |
| 27) 2,4-Dimethylphenol         | 10.03 | 122 | 161925 | 37.05 | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 10.26 | 93  | 251703 | 36.92 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.53 | 162 | 173219 | 38.08 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.72 | 180 | 174804 | 35.90 | ng | 99     |
| 31) Naphthalene                | 10.91 | 128 | 518528 | 37.78 | ng | 99     |
| 32) Benzoic acid               | 10.22 | 122 | 103218 | 32.13 | ng | 92     |
| 33) 4-Chloroaniline            | 11.04 | 127 | 225122 | 36.75 | ng | 97     |
| 34) Hexachlorobutadiene        | 11.18 | 225 | 130314 | 34.00 | ng | 97     |
| 35) Caprolactam                | 11.82 | 113 | 61152  | 33.05 | ng | # 79   |
| 36) 4-Chloro-3-methylphenol    | 12.17 | 107 | 238137 | 37.20 | ng | 95     |
| 37) 2-Methylnaphthalene        | 12.52 | 142 | 377710 | 35.94 | ng | 93     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.89 | 216 | 241925 | 36.50 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 12.86 | 237 | 90430  | 36.16 | ng | 95     |

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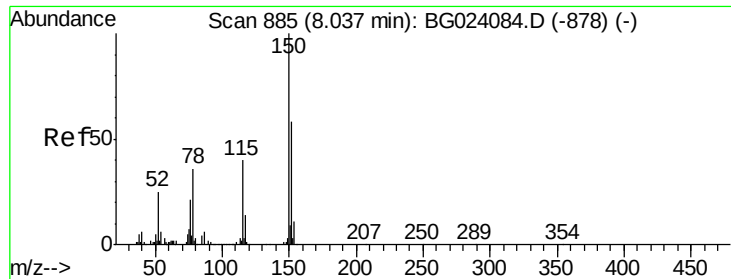
Instrument :  
 BNA\_G  
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Quant Time: Oct 01 04:08:55 2016  
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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.14 | 196  | 153778   | 35.88 | nq    | 100      |
| 43) 2,4,5-Trichlorophenol      | 13.23 | 196  | 154418   | 35.01 | nq    | 91       |
| 45) 1,1'-Biphenyl              | 13.53 | 154  | 588812   | 37.93 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 13.58 | 162  | 434719   | 37.51 | nq    | 97       |
| 47) 2-Nitroaniline             | 13.80 | 65   | 190956   | 35.40 | nq    | 96       |
| 48) Acenaphthylene             | 14.43 | 152  | 740169   | 37.61 | nq    | 98       |
| 49) Dimethylphthalate          | 14.16 | 163  | 634914   | 36.46 | nq    | 97       |
| 50) 2,6-Dinitrotoluene         | 14.29 | 165  | 133662   | 36.54 | nq    | 98       |
| 51) Acenaphthene               | 14.77 | 154  | 448194   | 37.55 | nq    | 98       |
| 52) 3-Nitroaniline             | 14.63 | 138  | 140359   | 38.41 | nq    | # 86     |
| 53) 2,4-Dinitrophenol          | 14.86 | 184  | 64284    | 30.94 | nq    | 92       |
| 54) Dibenzofuran               | 15.11 | 168  | 684474   | 36.84 | nq    | 98       |
| 55) 4-Nitrophenol              | 14.98 | 139  | 85471    | 32.84 | nq    | 93       |
| 56) 2,4-Dinitrotoluene         | 15.09 | 165  | 201705   | 36.23 | nq    | # 87     |
| 57) Fluorene                   | 15.76 | 166  | 592154   | 36.61 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.34 | 232  | 147193   | 34.56 | nq    | 91       |
| 59) Diethylphthalate           | 15.51 | 149  | 663874   | 35.40 | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 15.74 | 204  | 301077   | 34.75 | nq    | 95       |
| 61) 4-Nitroaniline             | 15.81 | 138  | 132734   | 35.07 | nq    | # 85     |
| 62) Azobenzene                 | 16.04 | 77   | 708812   | 37.20 | nq    | 91       |
| 64) 4,6-Dinitro-2-methylphenol | 15.86 | 198  | 115024   | 32.99 | nq    | 88       |
| 65) n-Nitrosodiphenylamine     | 15.97 | 169  | 540271   | 39.33 | nq    | 96       |
| 66) 4-Bromophenyl-phenylether  | 16.65 | 248  | 206622   | 35.48 | nq    | 95       |
| 67) Hexachlorobenzene          | 16.77 | 284  | 224830   | 34.26 | nq    | # 92     |
| 68) Atrazine                   | 16.92 | 200  | 204687   | 33.76 | nq    | 94       |
| 69) Pentachlorophenol          | 17.14 | 266  | 95974    | 30.52 | nq    | 98       |
| 70) Phenanthrene               | 17.51 | 178  | 979417   | 38.29 | nq    | 98       |
| 71) Anthracene                 | 17.61 | 178  | 982193   | 37.39 | nq    | 98       |
| 72) Carbazole                  | 17.89 | 167  | 922590   | 37.73 | nq    | 97       |
| 73) Di-n-butylphthalate        | 18.42 | 149  | 1113585  | 34.79 | nq    | 97       |
| 74) Fluoranthene               | 19.53 | 202  | 1159425  | 34.73 | nq    | 96       |
| 76) Benzidine                  | 19.71 | 184  | 426275   | 27.90 | nq    | 99       |
| 77) Pyrene                     | 19.90 | 202  | 1186539  | 31.49 | nq    | 94       |
| 79) Butylbenzylphthalate       | 20.77 | 149  | 486060   | 35.03 | nq    | 96       |
| 80) Benzo(a)anthracene         | 21.76 | 228  | 1125570  | 36.63 | nq    | 96       |
| 81) 3,3'-Dichlorobenzidine     | 21.67 | 252  | 427545   | 38.82 | nq    | # 97     |
| 82) Chrysene                   | 21.83 | 228  | 1078788  | 37.35 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.63 | 149  | 694850   | 41.91 | nq    | # 96     |
| 84) Di-n-octyl phthalate       | 22.86 | 149  | 1223027  | 42.75 | nq    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.91 | 276  | 1358306  | 42.18 | nq    | # 100    |
| 87) Benzo(b)fluoranthene       | 24.04 | 252  | 1131681  | 36.56 | nq    | # 96     |
| 88) Benzo(k)fluoranthene       | 24.11 | 252  | 1171056  | 38.10 | nq    | # 96     |
| 89) Benzo(a)pyrene             | 24.95 | 252  | 1116084  | 37.30 | nq    | # 97     |
| 90) Dibenzo(a,h)anthracene     | 28.96 | 278  | 1097674  | 36.74 | nq    | # 96     |
| 91) Benzo(g,h,i)perylene       | 30.11 | 276  | 1124811  | 37.37 | nq    | # 96     |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 884

Delta R.T. -0.01 min

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Acq: 1 Oct 2016 2:23

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BNA\_G

ClientSampleId :

SSTDCCC040

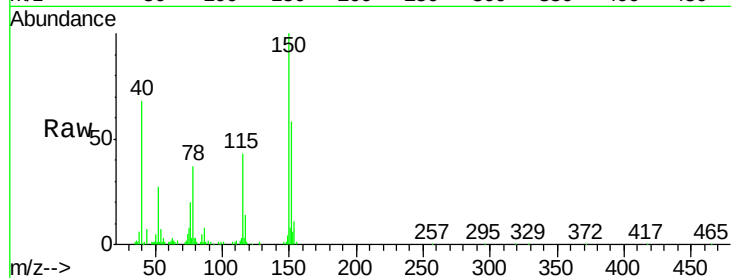
Tot Ion:152 Resp: 56275

Ion Ratio Lower Upper

152 100

150 172.7 144.7 217.1

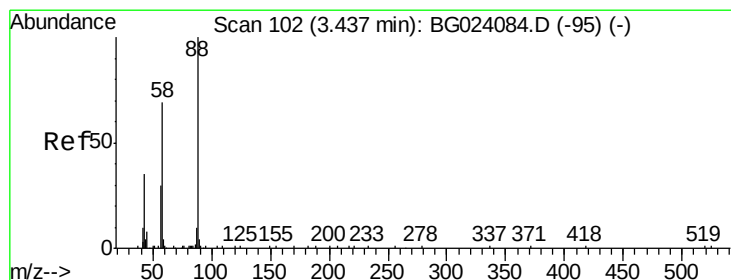
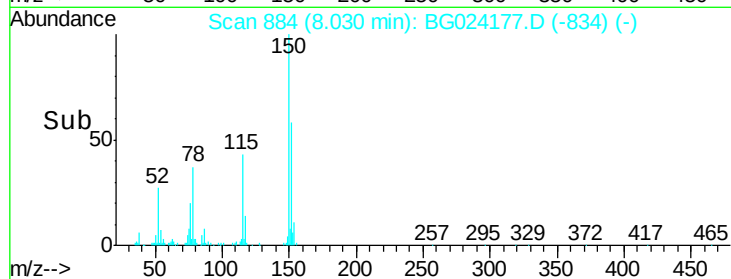
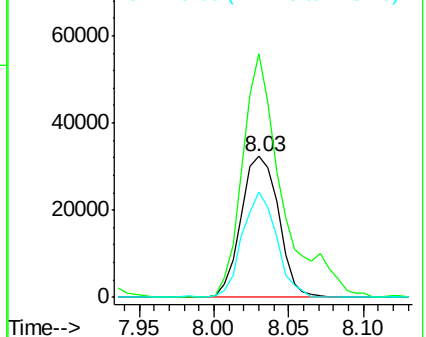
115 75.0 64.0 96.0



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: 47.07 ng

RT: 3.42 min Scan# 100

Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

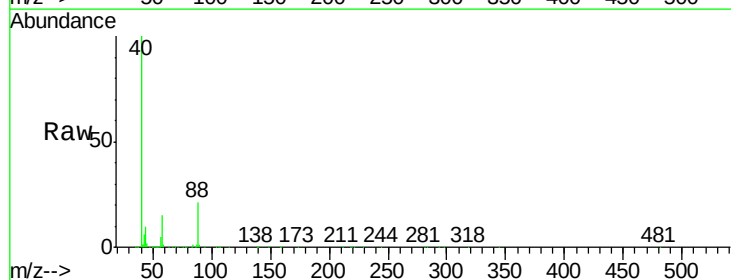
Tgt Ion: 88 Resp: 58518

Ion Ratio Lower Upper

88 100

58 77.0 60.4 90.6

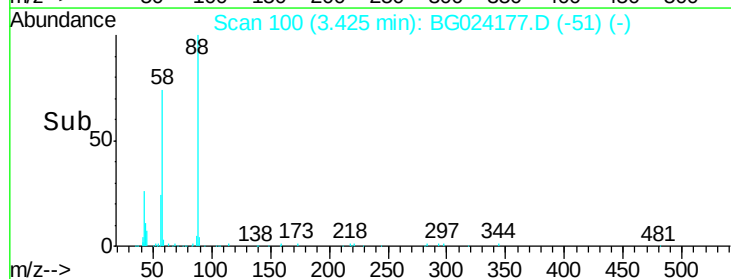
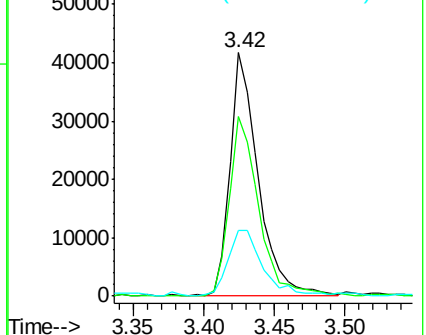
43 33.4 31.1 46.7

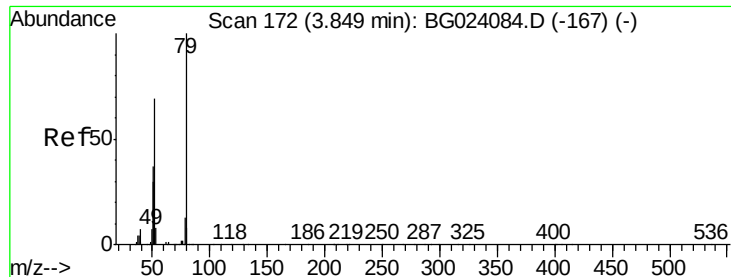


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 41.87 ng

RT: 3.84 min Scan# 170

Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

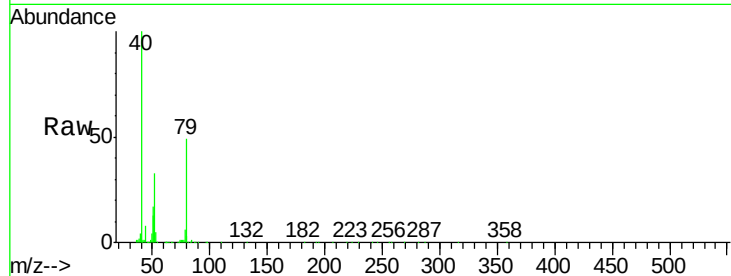
Tot Ion: 79 Resp: 183972

Ion Ratio Lower Upper

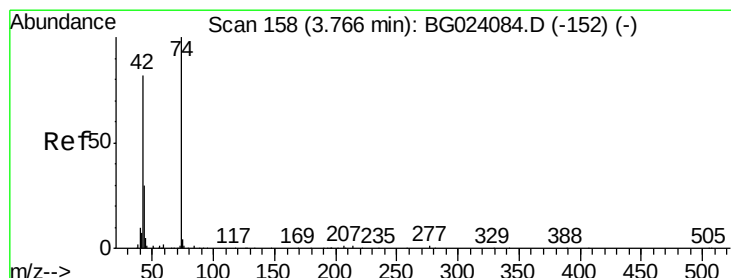
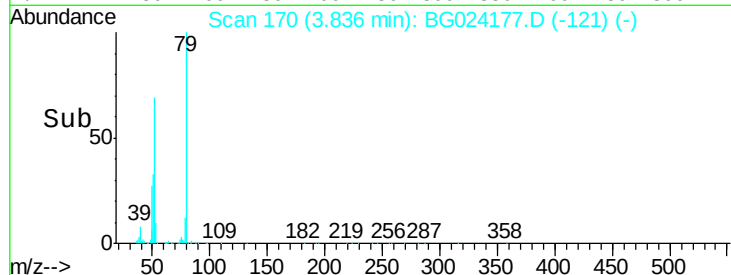
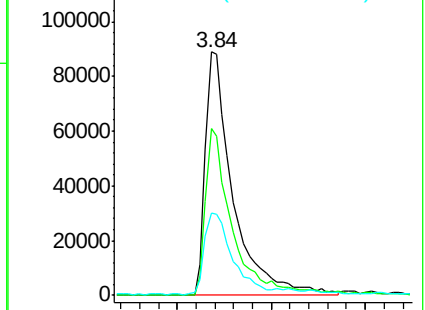
79 100

52 68.3 51.8 77.8

51 34.0 32.7 49.1



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



#4

n-Nitrosodimethylamine

Concen: 36.88 ng

RT: 3.76 min Scan# 157

Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

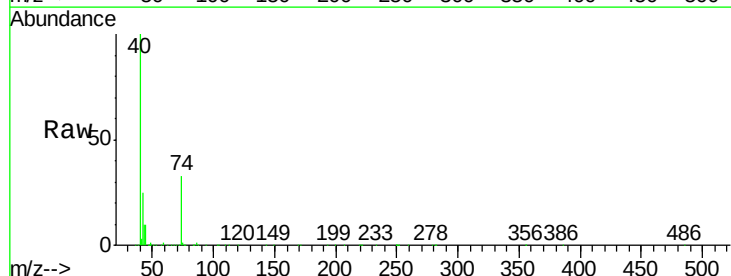
Tgt Ion: 42 Resp: 82126

Ion Ratio Lower Upper

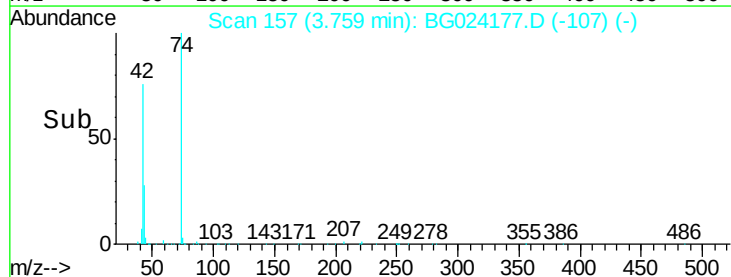
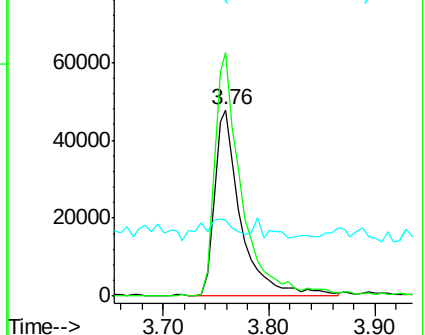
42 100

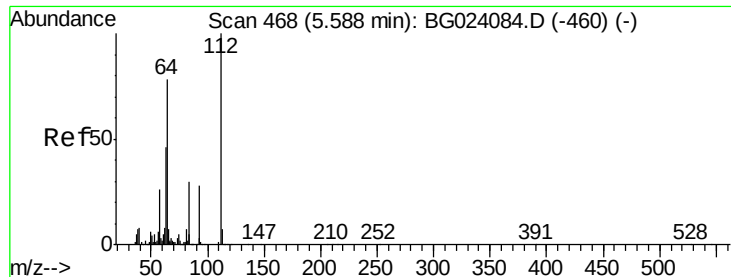
74 130.8 100.6 150.8

44 41.0 4.5 6.7#



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





#5

2-Fluorophenol

Concen: 81.07 ng

RT: 5.58 min Scan# 467

Delta R.T. -0.01 min

Lab File: BG024177.D

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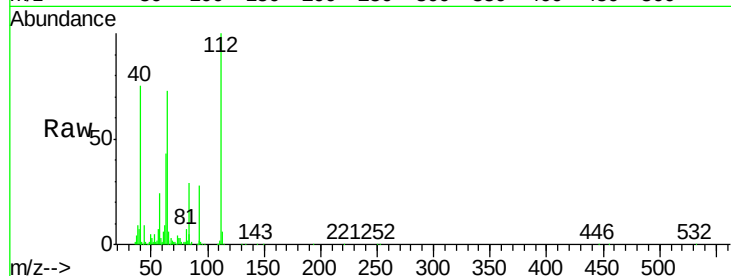
Tot Ion:112 Resp: 263338

Ion Ratio Lower Upper

112 100

64 73.3 59.0 88.4

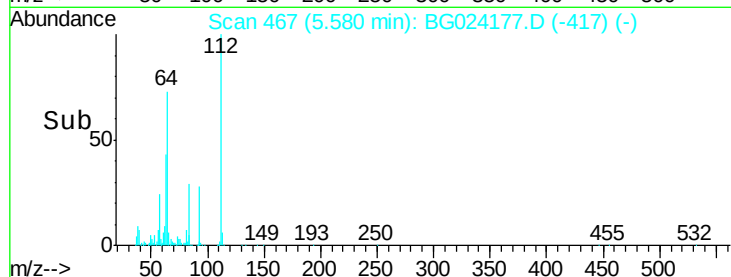
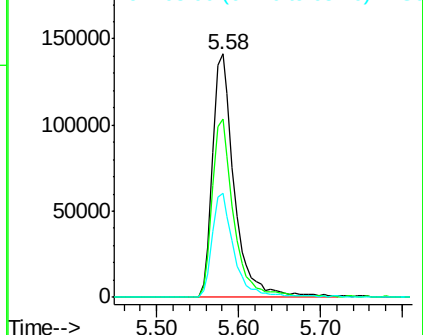
63 42.9 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 35.16 ng

RT: 7.35 min Scan# 769

Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

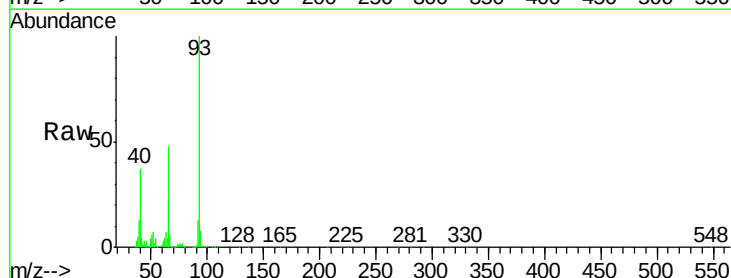
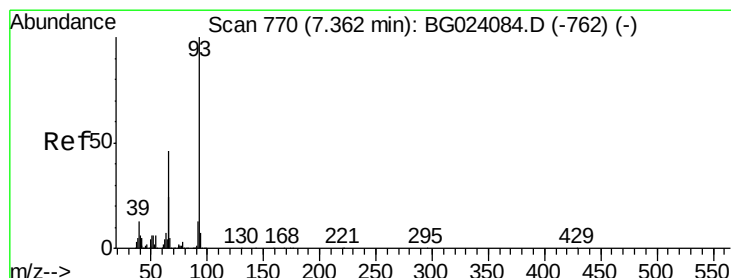
Tgt Ion: 93 Resp: 269908

Ion Ratio Lower Upper

93 100

66 47.6 37.5 56.3

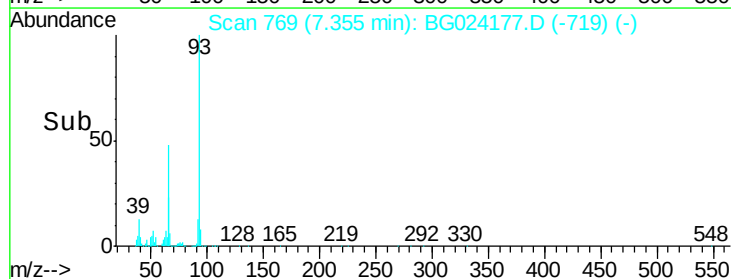
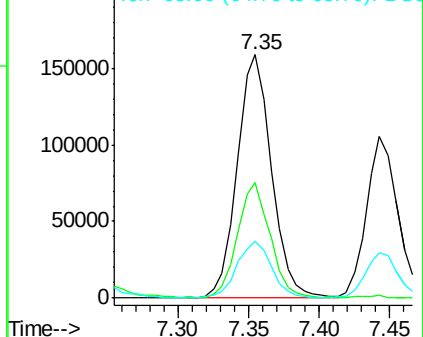
65 23.2 17.9 26.9

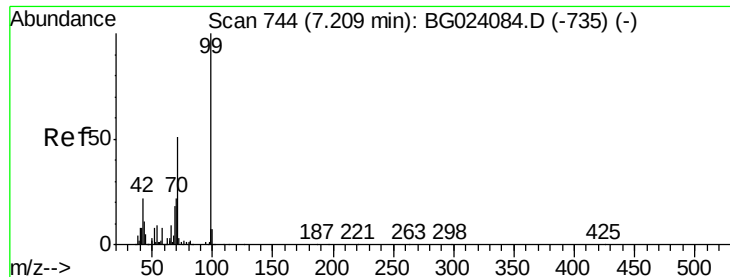


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 73.52 ng

RT: 7.20 min Scan# 743

Delta R.T. -0.01 min

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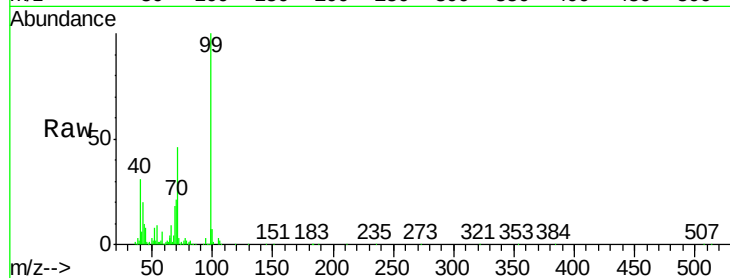
Tot Ion: 99 Resp: 401808

Ion Ratio Lower Upper

99 100

42 19.8 17.8 26.6

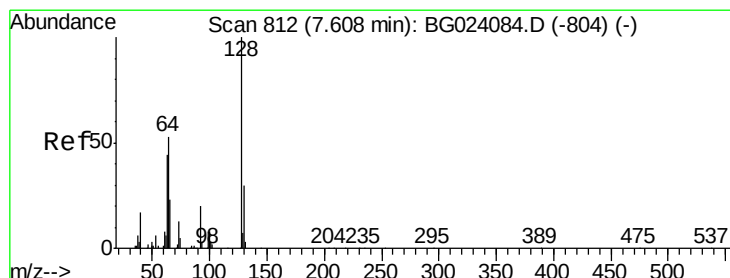
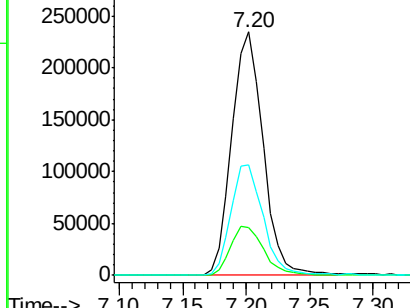
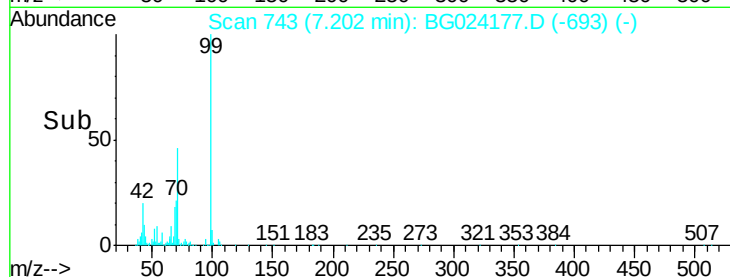
71 45.5 41.5 62.3



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 35.21 ng

RT: 7.60 min Scan# 810

Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

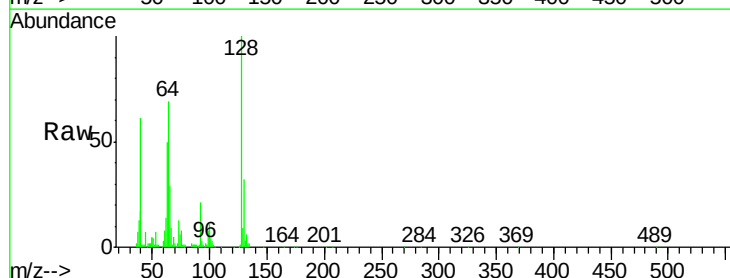
Tgt Ion: 128 Resp: 136903

Ion Ratio Lower Upper

128 100

130 31.9 12.9 52.9

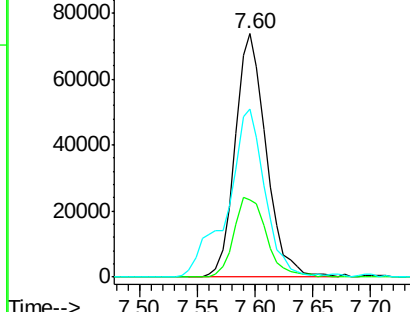
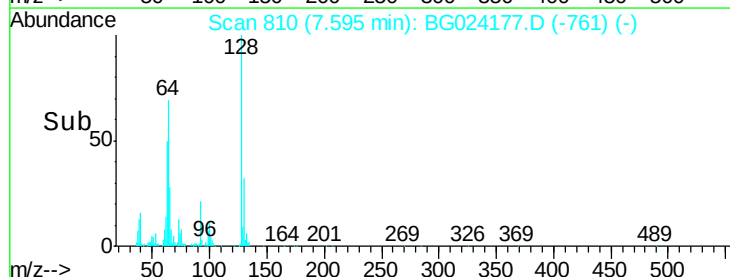
64 69.0 42.0 82.0



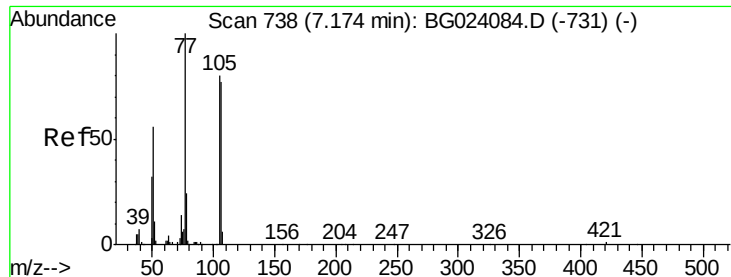
Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC







#9

Benzaldehyde

Concen: 40.79 ng

RT: 7.17 min Scan# 737

Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

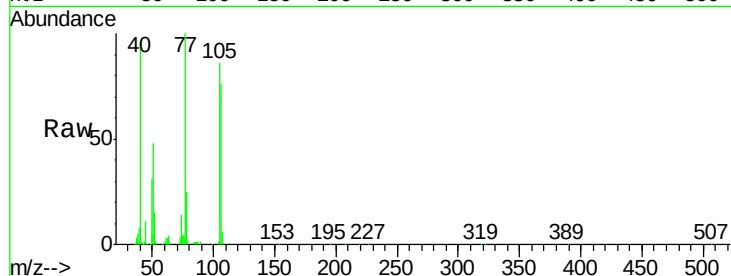
Tot Ion: 77 Resp: 121416

Ion Ratio Lower Upper

77 100

105 86.0 58.7 98.7

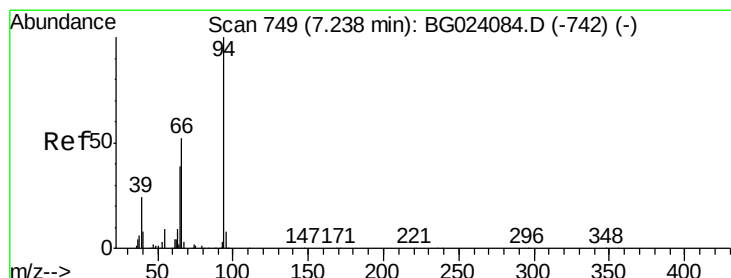
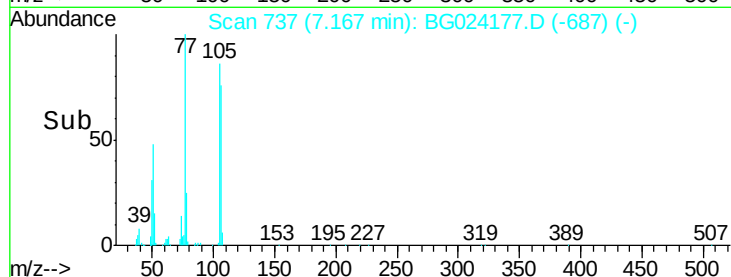
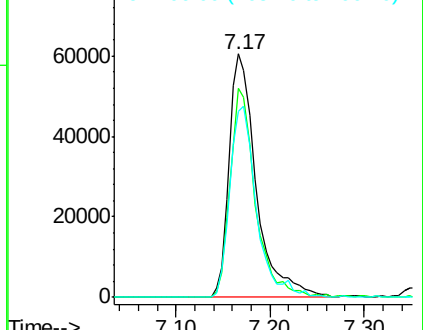
106 76.2 67.5 107.5



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: 37.51 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

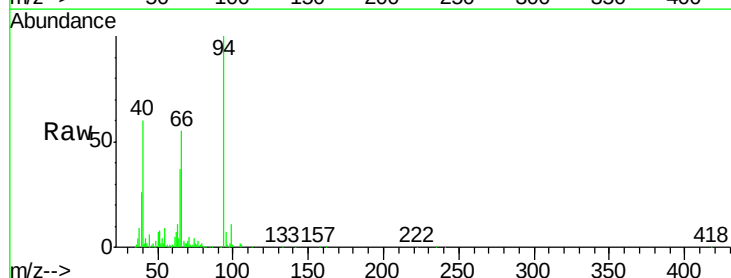
Tgt Ion: 94 Resp: 215524

Ion Ratio Lower Upper

94 100

65 36.6 18.1 58.1

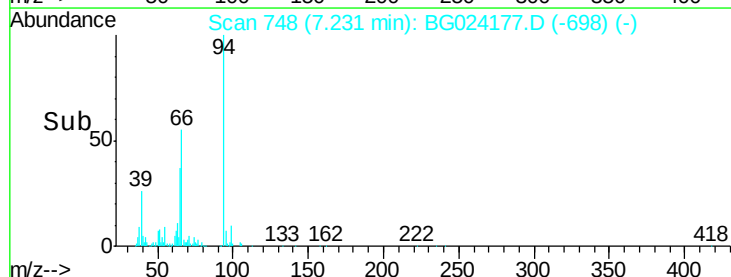
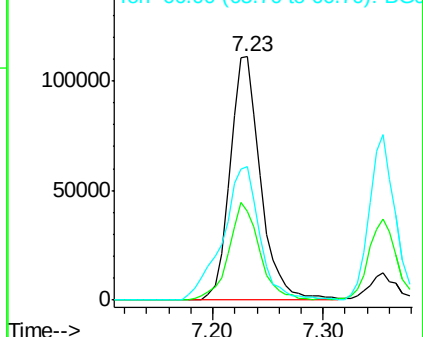
66 54.7 42.1 82.1



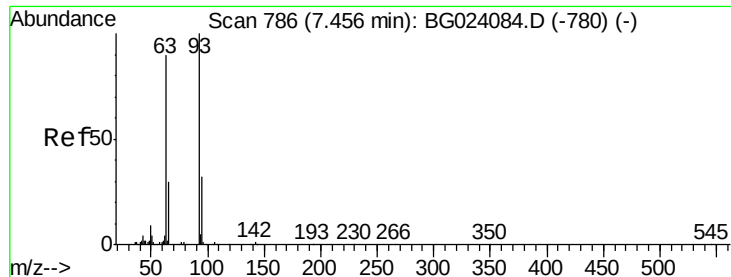
Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



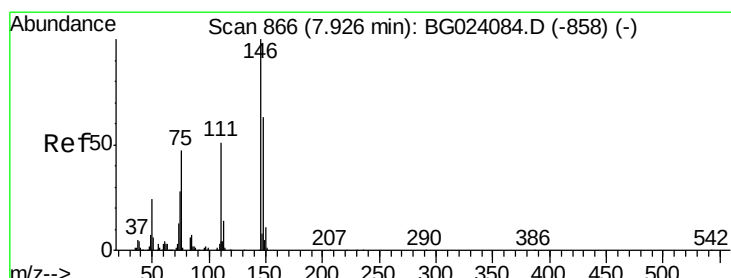
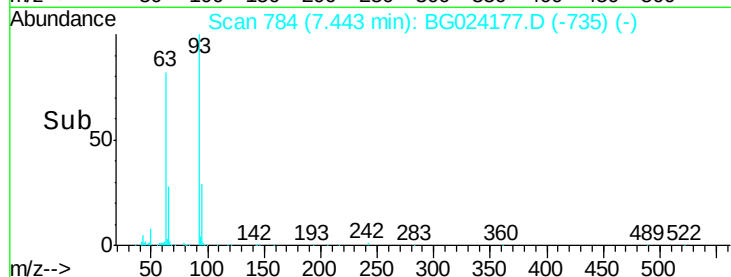
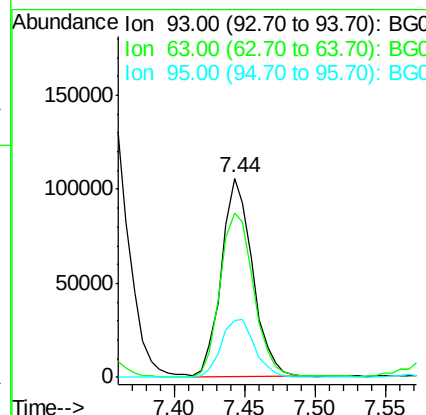
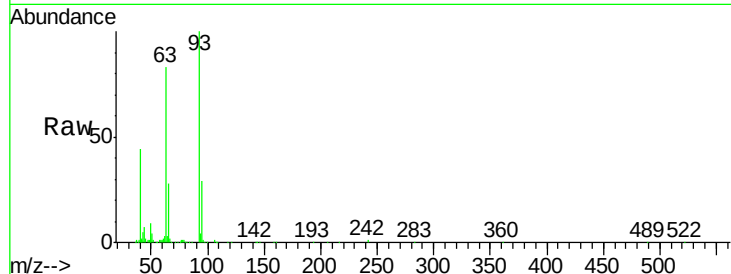




#11  
 bis(2-Chloroethyl)ether  
 Concen: 35.73 ng  
 RT: 7.44 min Scan# 784  
 Delta R.T. -0.01 min  
 Lab File: BG024177.D  
 Acq: 1 Oct 2016 2:23

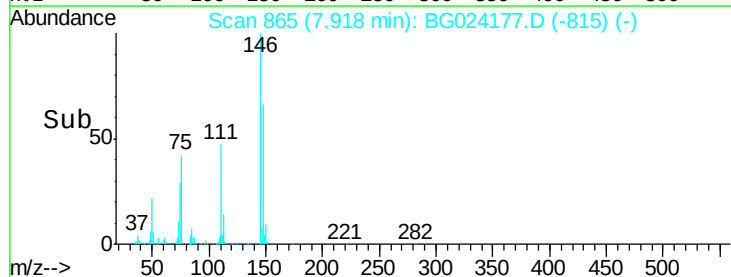
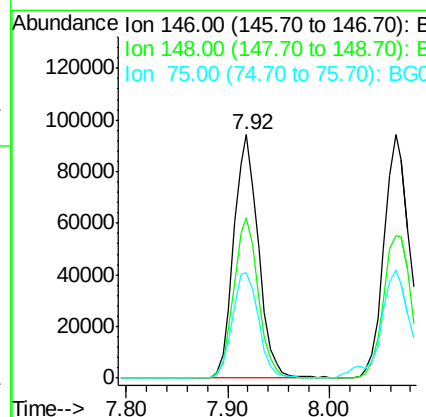
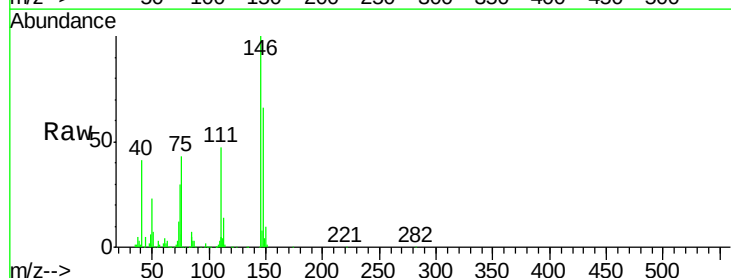
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

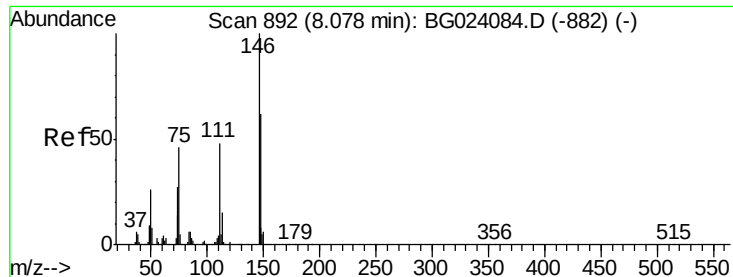
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 82.6  | 55.0  | 95.0  |
| 95      | 28.7  | 11.0  | 51.0  |



#12  
 1,3-Dichlorobenzene  
 Concen: 36.60 ng  
 RT: 7.92 min Scan# 865  
 Delta R.T. -0.01 min  
 Lab File: BG024177.D  
 Acq: 1 Oct 2016 2:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.0  | 50.3  | 75.5  |
| 75      | 43.3  | 37.0  | 55.6  |

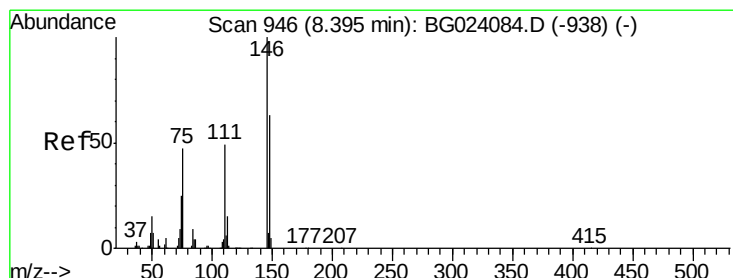
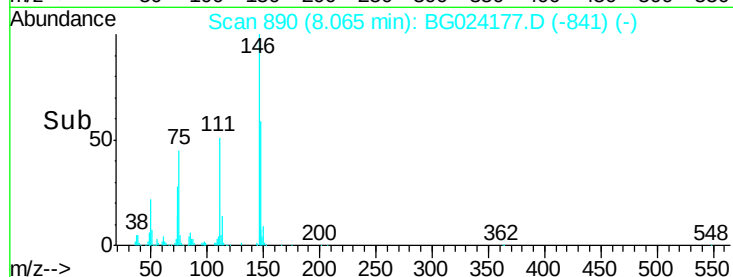
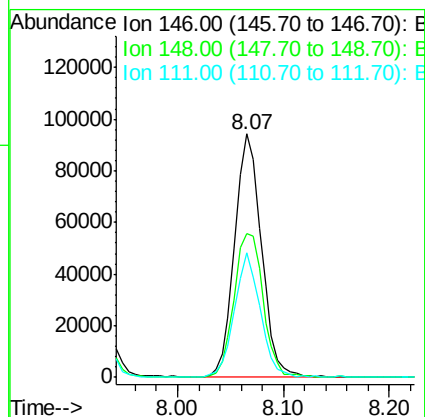
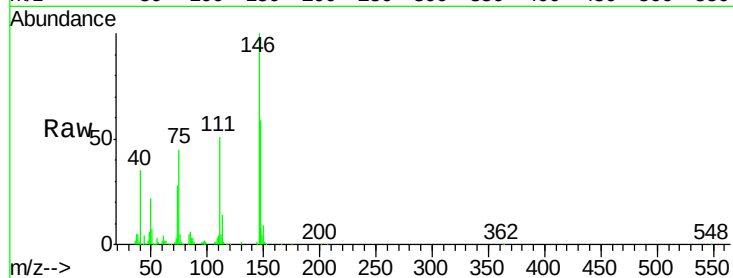




#13  
 1,4-Dichlorobenzene  
 Concen: 37.36 ng  
 RT: 8.07 min Scan# 890  
 Delta R.T. -0.01 min  
 Lab File: BG024177.D  
 Acq: 1 Oct 2016 2:23

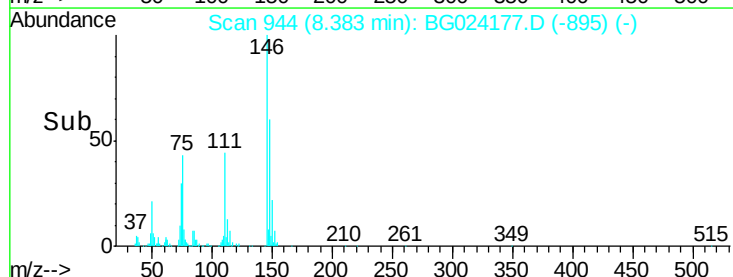
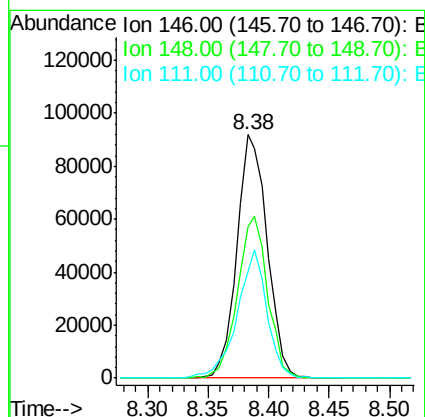
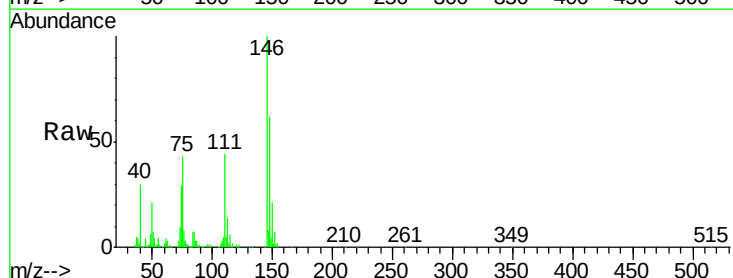
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

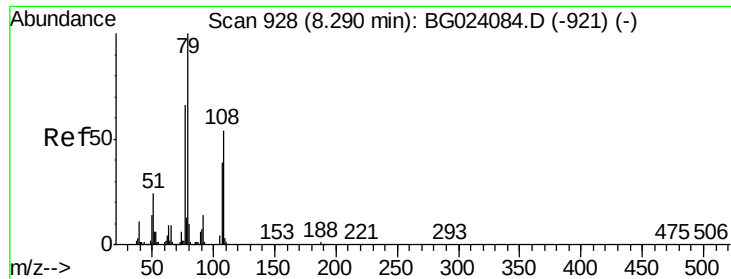
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 58.8  | 54.5  | 81.7  |
| 111     | 51.1  | 37.8  | 56.8  |



#14  
 1,2-Dichlorobenzene  
 Concen: 37.30 ng  
 RT: 8.38 min Scan# 944  
 Delta R.T. -0.01 min  
 Lab File: BG024177.D  
 Acq: 1 Oct 2016 2:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.1  | 52.9  | 79.3  |
| 111     | 43.8  | 43.5  | 65.3  |





#15

Benzyl Alcohol

Concen: 33.85 ng

RT: 8.28 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

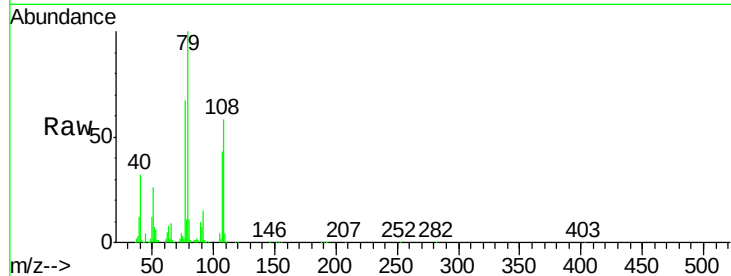
Tot Ion: 79 Resp: 179048

Ion Ratio Lower Upper

79 100

108 58.3 46.5 69.7

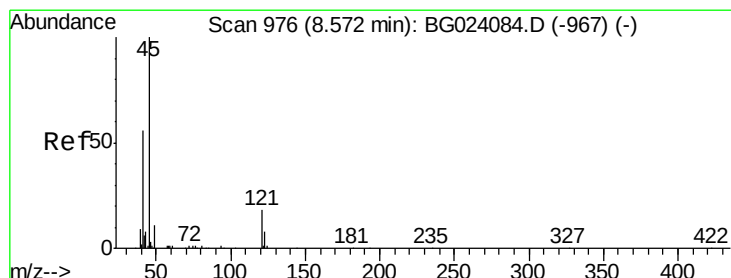
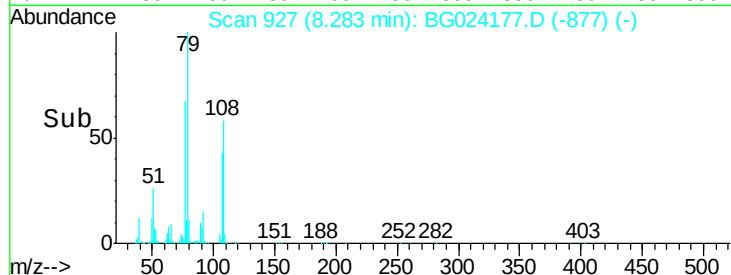
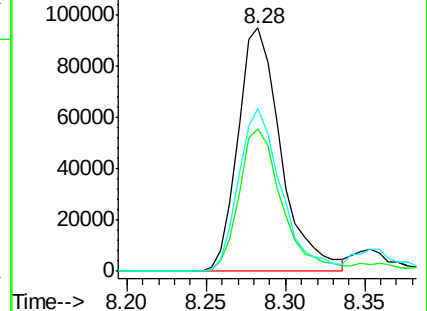
77 66.8 52.3 78.5



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: 34.86 ng

RT: 8.55 min Scan# 973

Delta R.T. -0.02 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

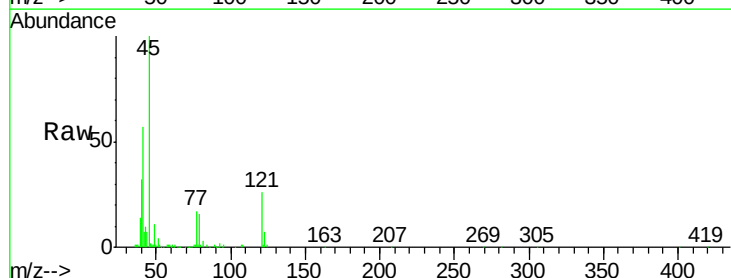
Tgt Ion: 45 Resp: 218079

Ion Ratio Lower Upper

45 100

77 17.1 0.6 40.6

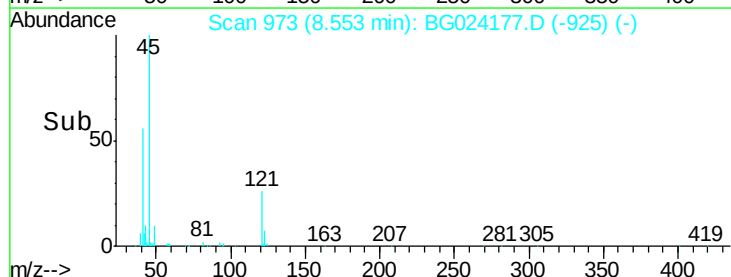
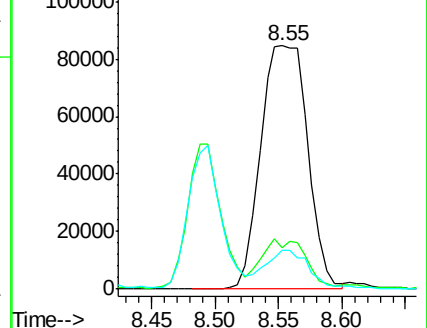
79 16.1 0.0 36.2

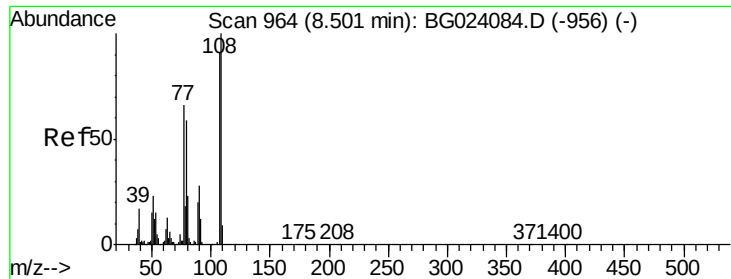


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 36.88 ng

RT: 8.49 min Scan# 963

Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 140877

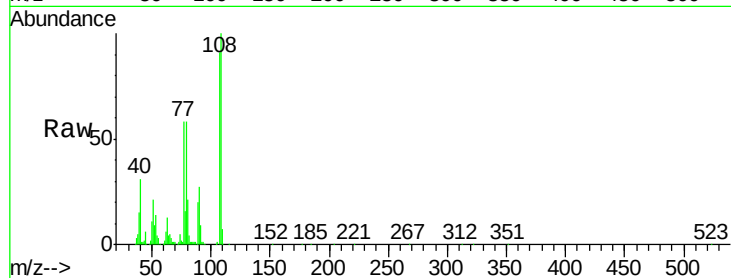
Ion Ratio Lower Upper

107 100

108 109.7 92.0 138.0

77 64.1 55.8 83.6

79 63.2 55.0 82.6

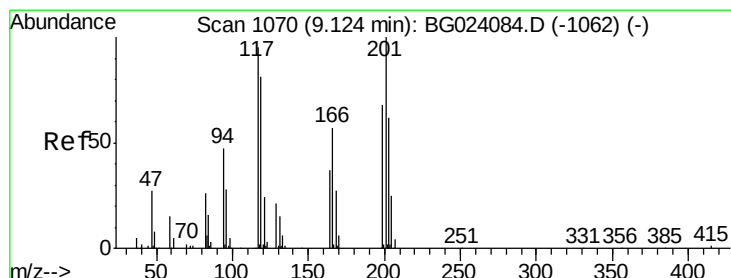
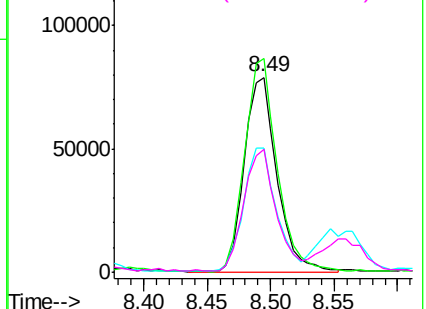
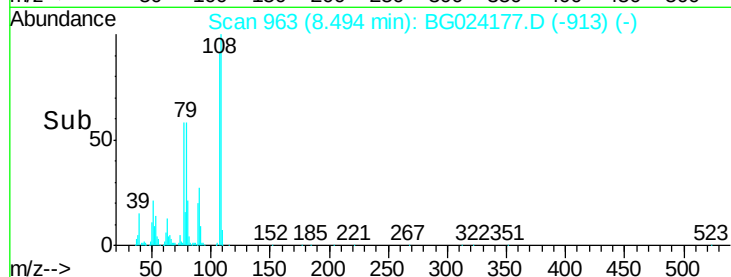


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.86 ng

RT: 9.11 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

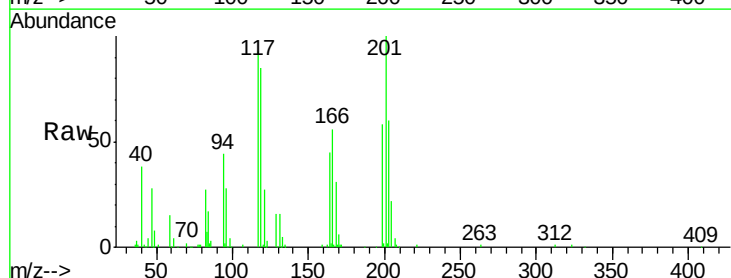
Tgt Ion:117 Resp: 70586

Ion Ratio Lower Upper

117 100

119 91.5 73.7 110.5

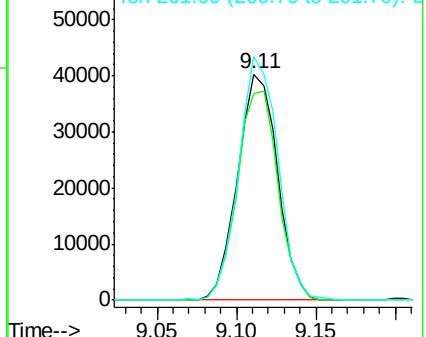
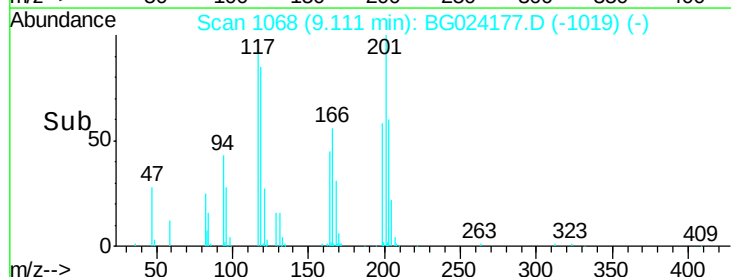
201 107.7 88.7 133.1

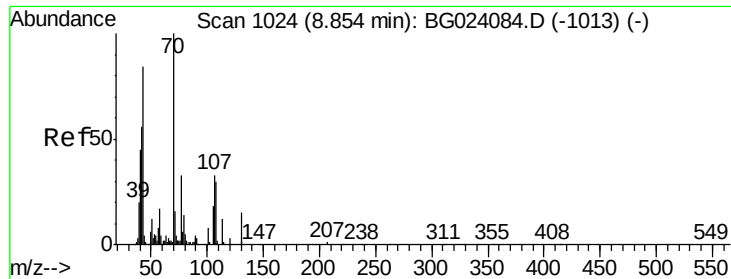


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

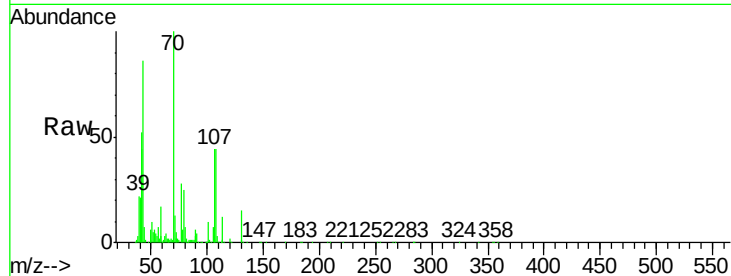




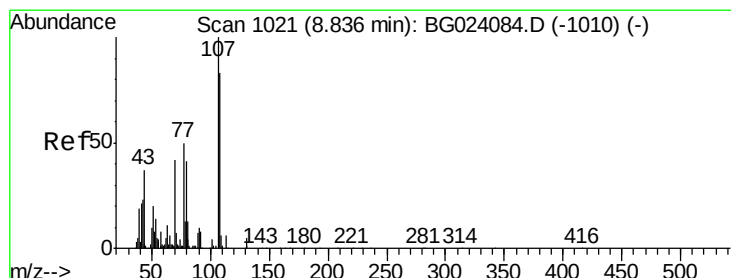
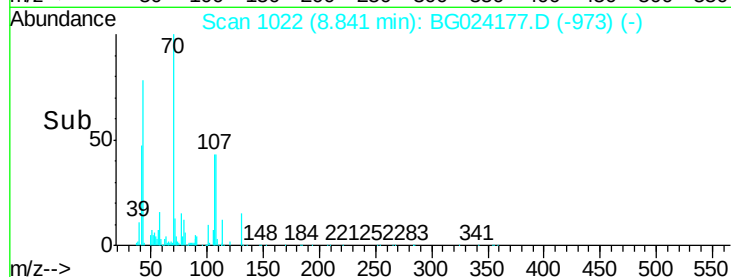
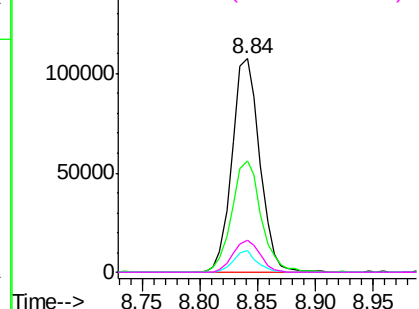
#19  
n-Nitroso-di-n-propylamine  
Concen: 33.31 ng  
RT: 8.84 min Scan# 1022  
Delta R.T. -0.01 min  
Lab File: BG024177.D  
Acq: 1 Oct 2016 2:23

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 178834 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 52.3  | 42.1  | 63.1   |
| 101      | 10.0  | 7.2   | 10.8   |
| 130      | 15.1  | 14.2  | 21.2   |

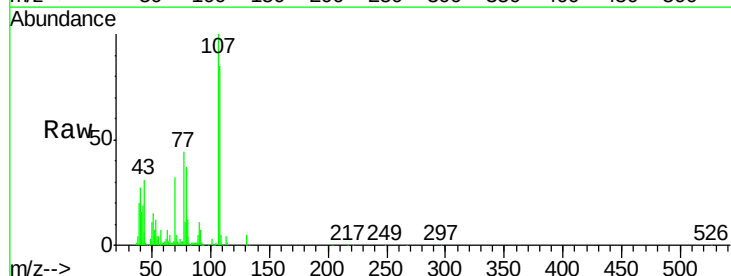


Abundance Ion 70.00 (69.70 to 70.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 101.00 (100.70 to 101.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC

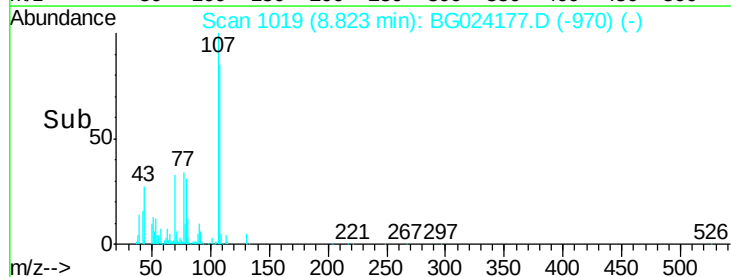
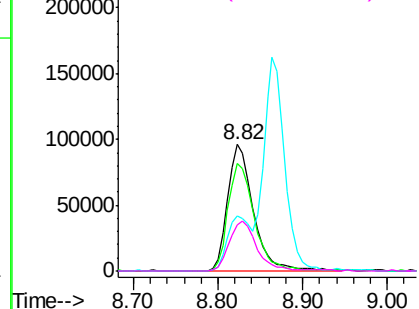


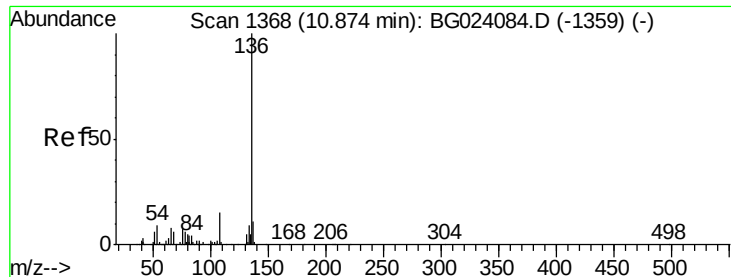
#20  
3+4-Methylphenols  
Concen: 36.66 ng  
RT: 8.82 min Scan# 1019  
Delta R.T. -0.01 min  
Lab File: BG024177.D  
Acq: 1 Oct 2016 2:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 203393 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 85.2  | 72.5  | 112.5  |
| 77       | 43.9  | 30.1  | 70.1   |
| 79       | 37.1  | 24.2  | 64.2   |



Abundance Ion 107.00 (106.70 to 107.70): BGC  
Ion 108.00 (107.70 to 108.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC

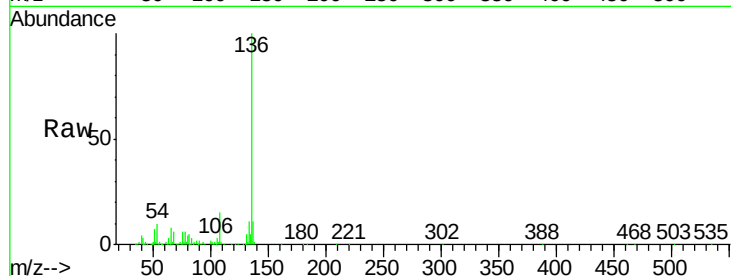




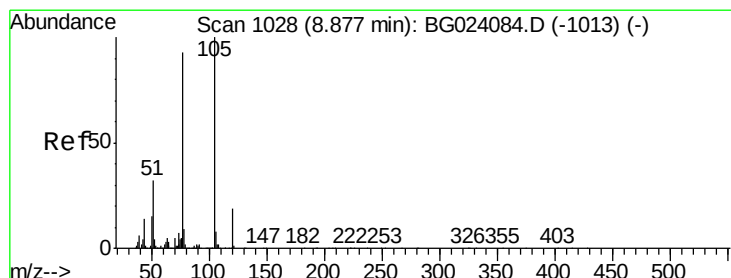
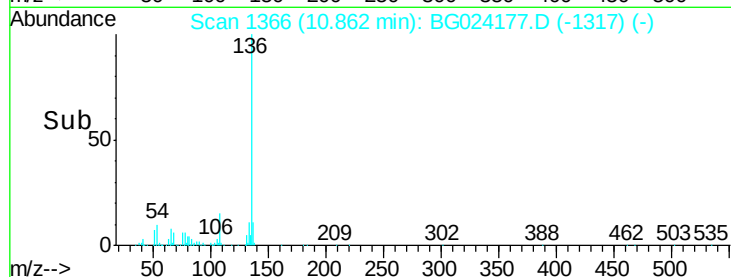
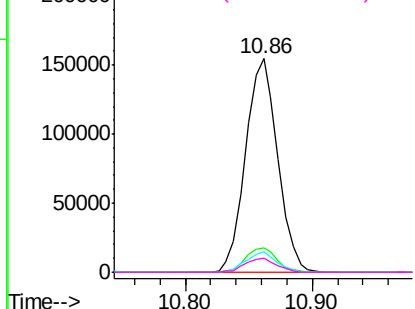
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.86 min Scan# 1366  
Delta R.T. -0.01 min  
Lab File: BG024177.D  
Acq: 1 Oct 2016 2:23

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|             |       |        |  |
|-------------|-------|--------|--|
| Tot Ion:136 | Resp: | 270950 |  |
| Ion Ratio   | Lower | Upper  |  |
| 136 100     |       |        |  |
| 137 11.5    | 9.6   | 14.4   |  |
| 54 9.7      | 7.3   | 10.9   |  |
| 68 6.5      | 5.3   | 7.9    |  |

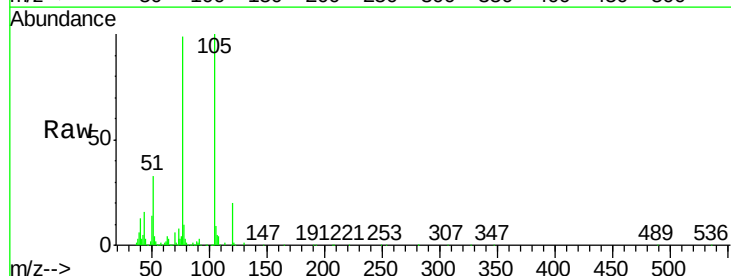


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

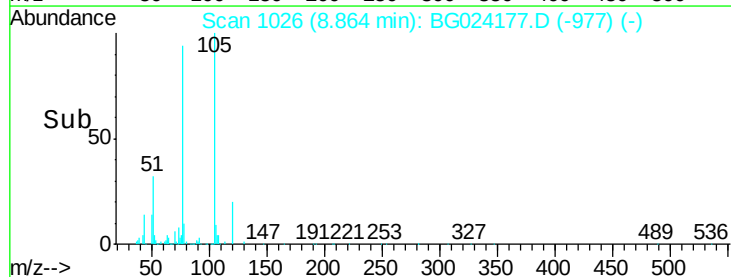
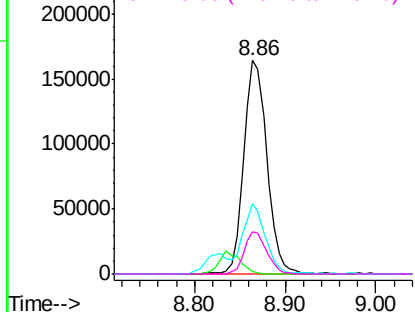


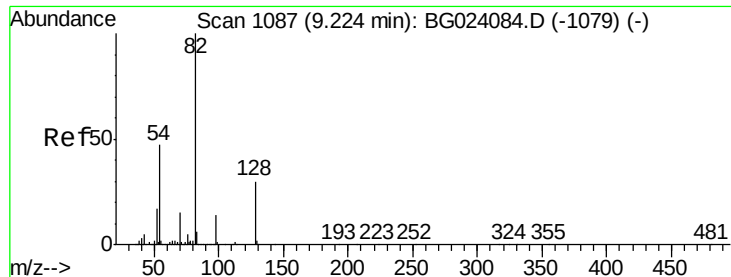
#22  
Acetophenone  
Concen: 37.30 ng  
RT: 8.86 min Scan# 1026  
Delta R.T. -0.01 min  
Lab File: BG024177.D  
Acq: 1 Oct 2016 2:23

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 291539 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 1.0     | 2.6   | 3.8#   |
| 51  | 32.8    | 27.1  | 40.7   |
| 120 | 20.0    | 15.1  | 22.7   |



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

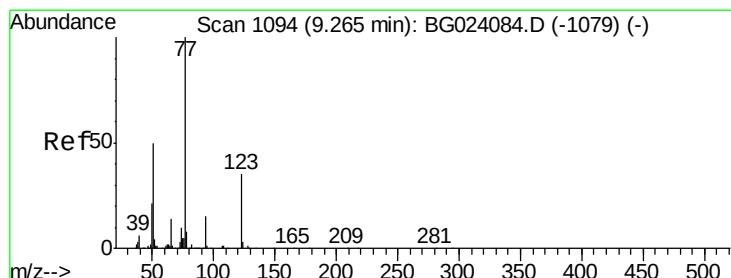
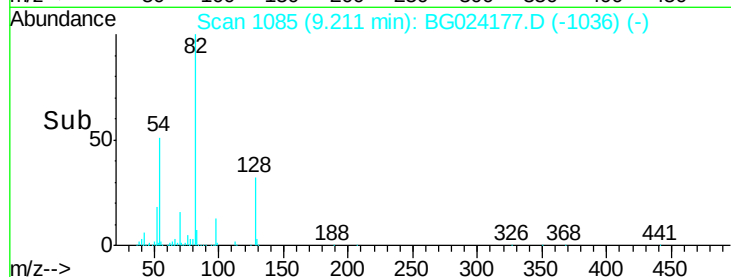
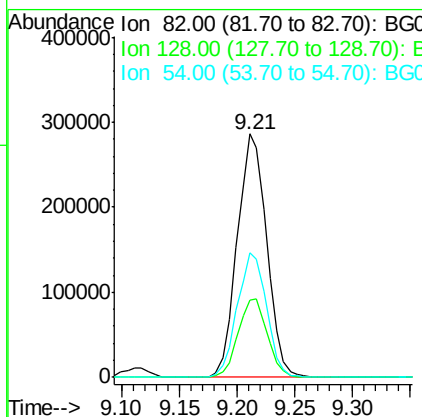
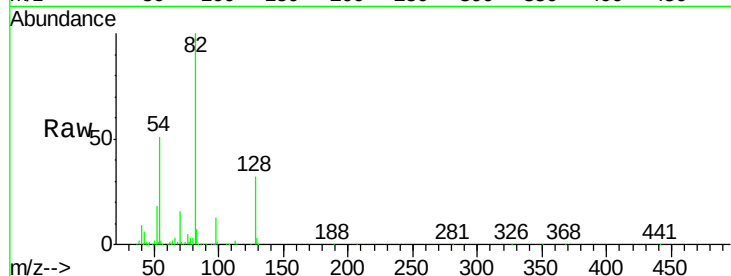




#23  
 Nitrobenzene-d5  
 Concen: 73.59 ng  
 RT: 9.21 min Scan# 1085  
 Delta R.T. -0.01 min  
 Lab File: BG024177.D  
 Acq: 1 Oct 2016 2:23

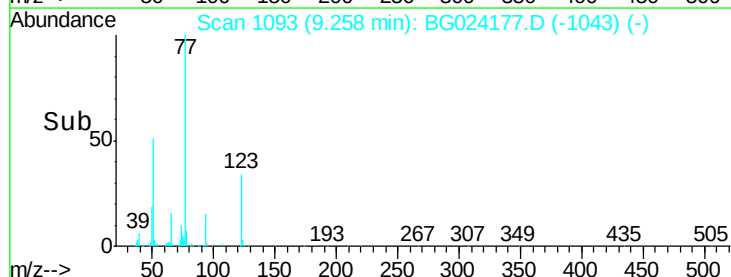
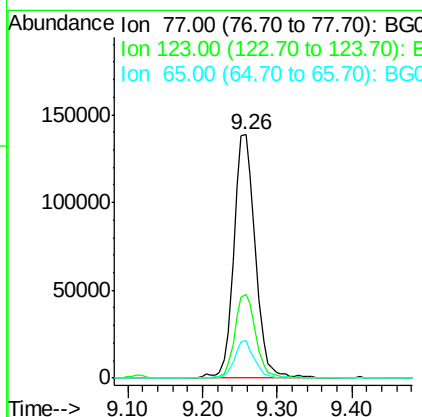
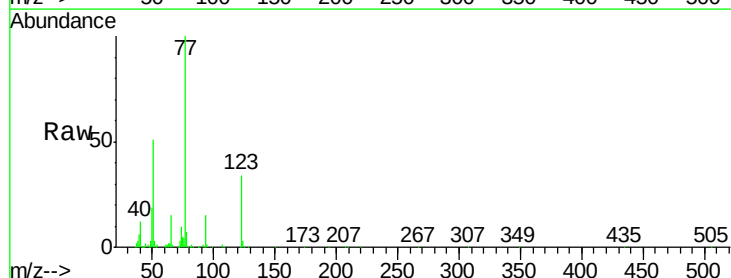
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion   | 82    | Resp  | 505904 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 31.8  | 24.4  | 36.6   |
| 54        | 51.1  | 41.4  | 62.0   |

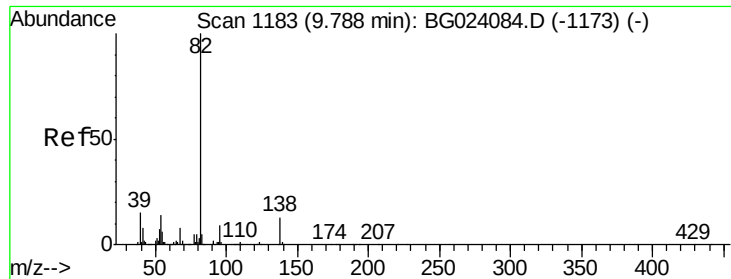


#24  
 Nitrobenzene  
 Concen: 37.65 ng  
 RT: 9.26 min Scan# 1093  
 Delta R.T. -0.01 min  
 Lab File: BG024177.D  
 Acq: 1 Oct 2016 2:23

| Tgt Ion   | 77    | Resp  | 277483 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 34.3  | 25.0  | 37.6   |
| 65        | 15.5  | 13.4  | 20.0   |







#25

Isophorone

Concen: 36.12 ng

RT: 9.77 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

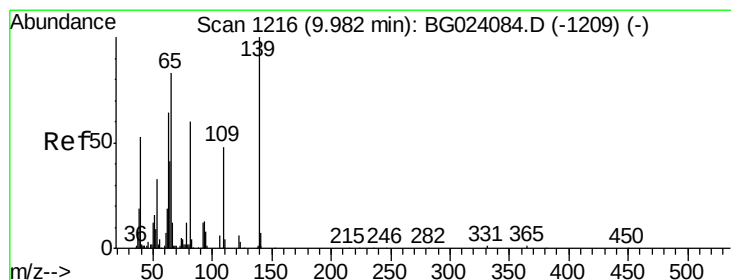
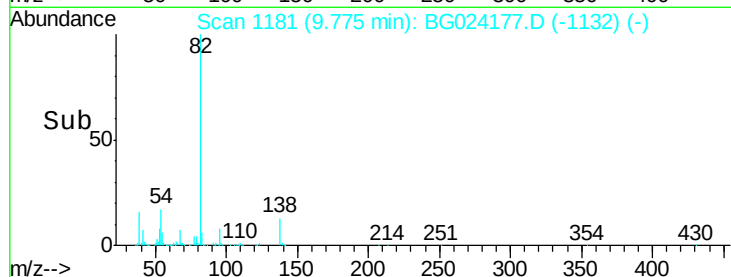
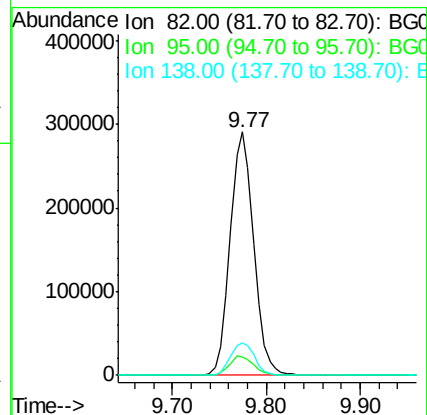
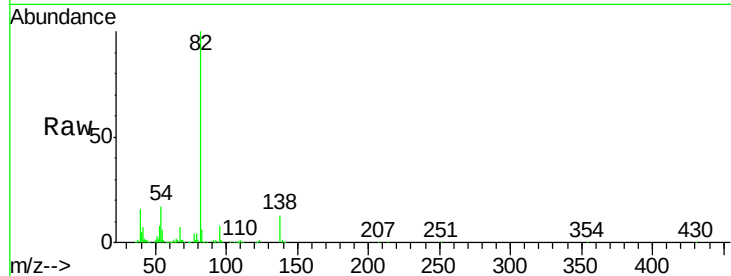
Tot Ion: 82 Resp: 506453

Ion Ratio Lower Upper

82 100

95 7.7 8.2 12.2#

138 13.5 10.7 16.1



#26

2-Nitrophenol

Concen: 35.81 ng

RT: 9.97 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

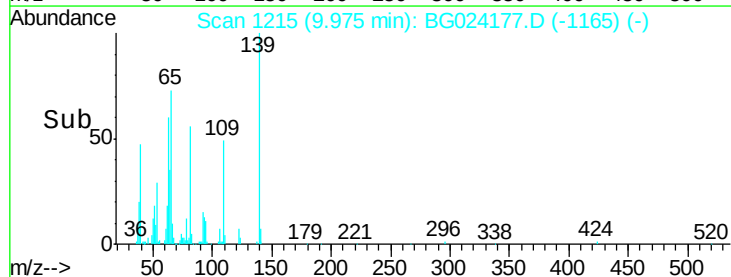
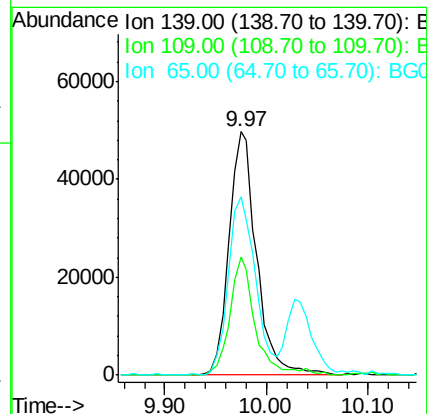
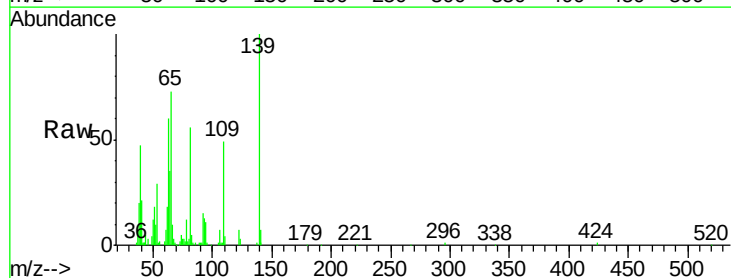
Tgt Ion: 139 Resp: 93608

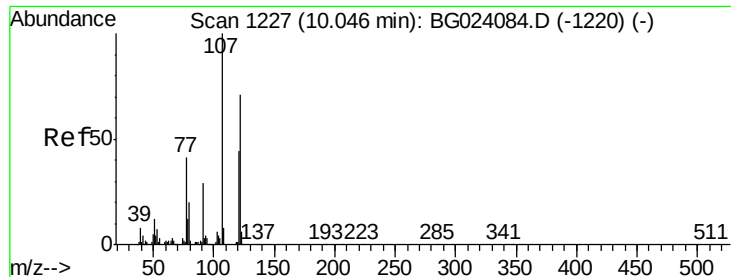
Ion Ratio Lower Upper

139 100

109 48.7 43.5 65.3

65 73.0 64.3 96.5

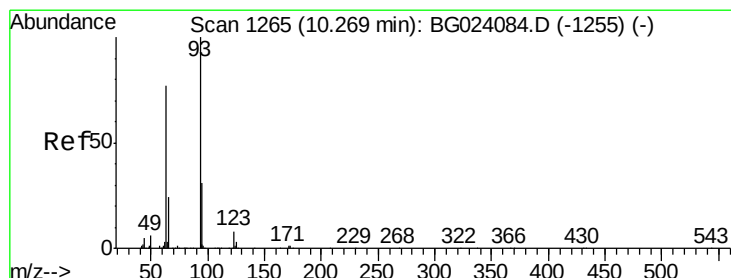
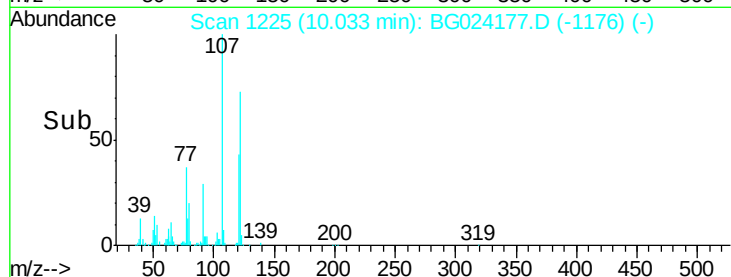
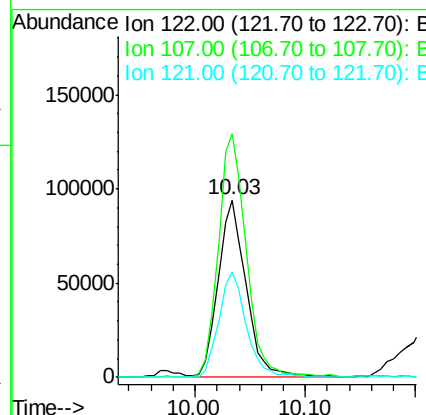
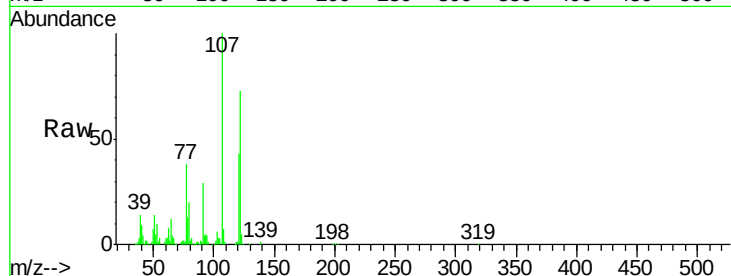




#27  
 2,4-Dimethylphenol  
 Concen: 37.05 ng  
 RT: 10.03 min Scan# 1225  
 Delta R.T. -0.01 min  
 Lab File: BG024177.D  
 Acq: 1 Oct 2016 2:23

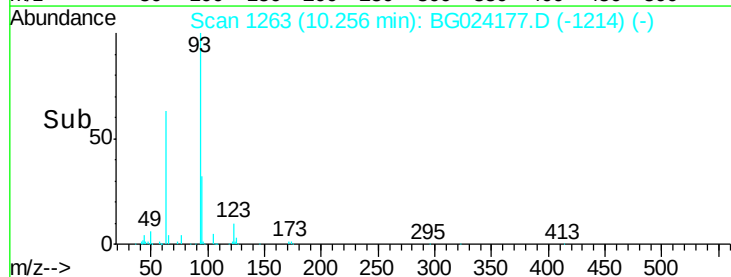
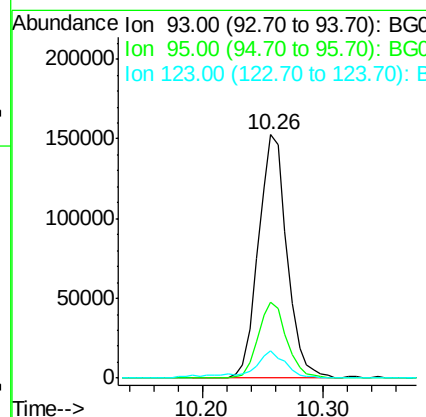
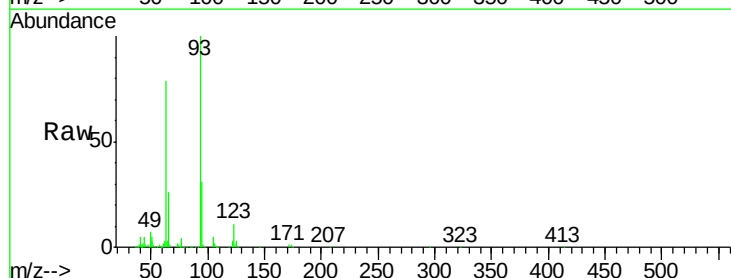
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

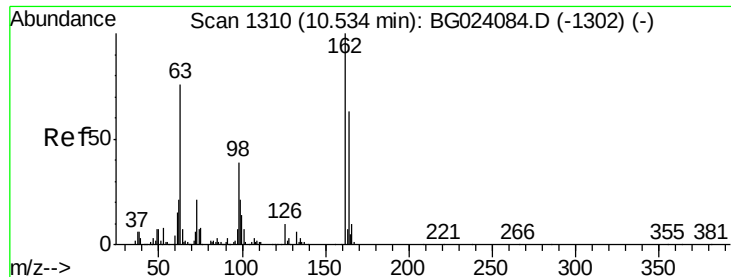
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 137.4 | 117.0 | 175.4 |
| 121     | 59.5  | 50.1  | 75.1  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 36.92 ng  
 RT: 10.26 min Scan# 1263  
 Delta R.T. -0.01 min  
 Lab File: BG024177.D  
 Acq: 1 Oct 2016 2:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.2  | 25.4  | 38.2  |
| 123     | 11.0  | 8.2   | 12.2  |

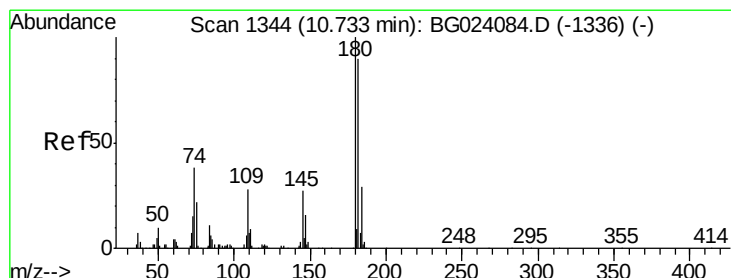
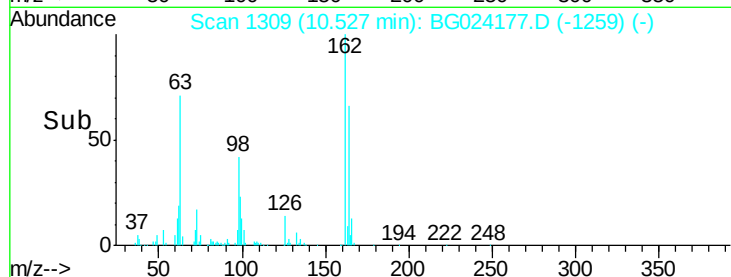
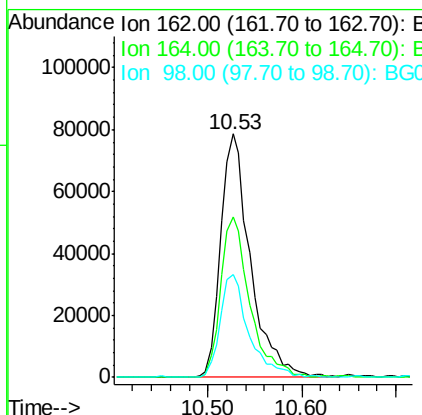
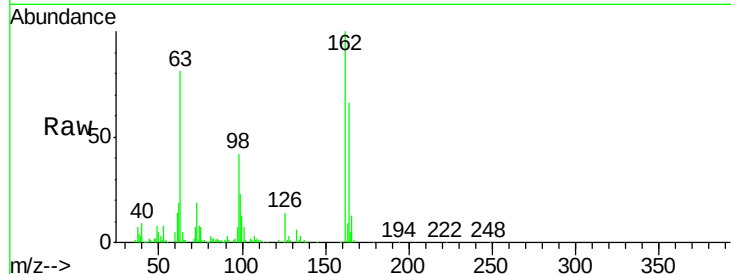




#29  
2,4-Dichlorophenol  
Concen: 38.08 ng  
RT: 10.53 min Scan# 1309  
Delta R.T. -0.01 min  
Lab File: BG024177.D  
Acq: 1 Oct 2016 2:23

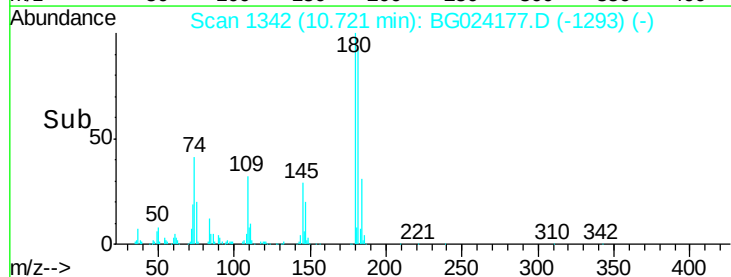
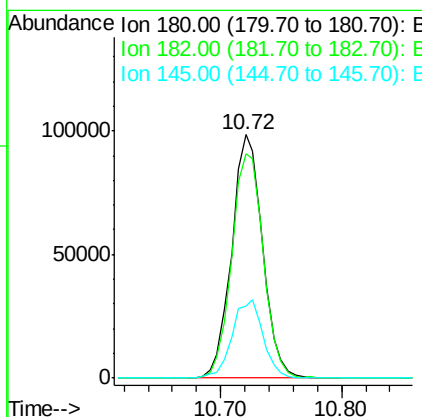
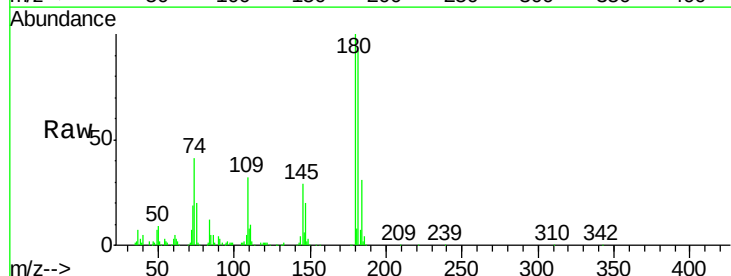
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

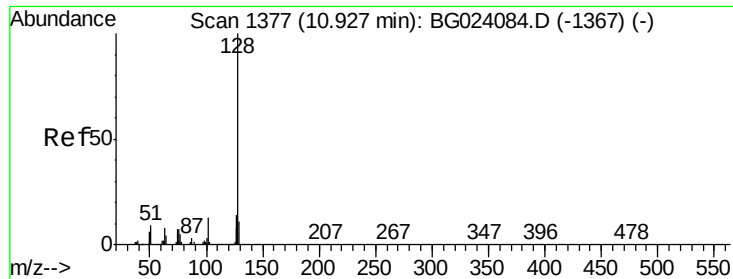
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.0  | 44.3  | 84.3  |
| 98      | 42.2  | 19.5  | 59.5  |



#30  
1,2,4-Trichlorobenzene  
Concen: 35.90 ng  
RT: 10.72 min Scan# 1342  
Delta R.T. -0.01 min  
Lab File: BG024177.D  
Acq: 1 Oct 2016 2:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 92.4  | 73.8  | 110.8 |
| 145     | 29.4  | 24.4  | 36.6  |

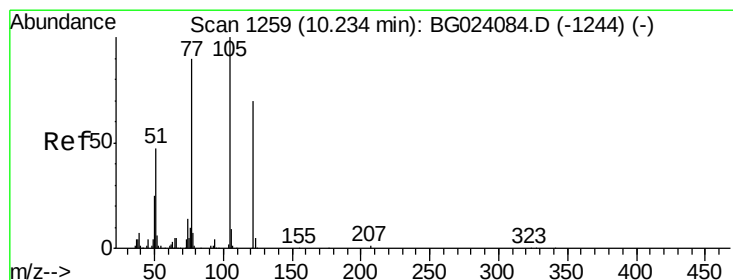
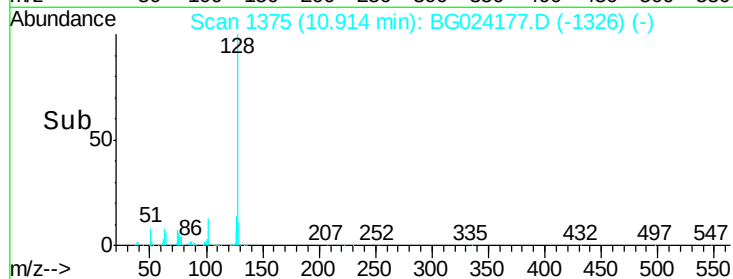
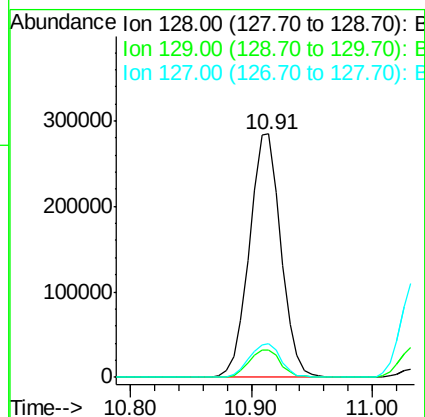
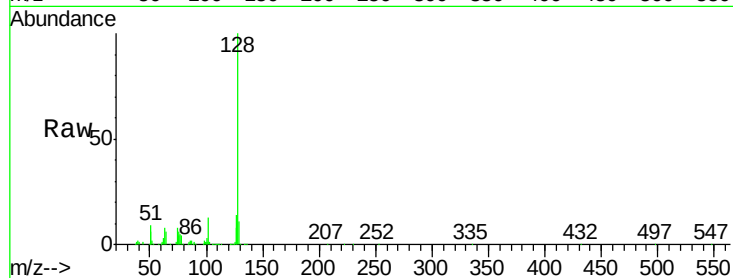




#31  
Naphthalene  
Concen: 37.78 ng  
RT: 10.91 min Scan# 1375  
Delta R.T. -0.01 min  
Lab File: BG024177.D  
Acq: 1 Oct 2016 2:23

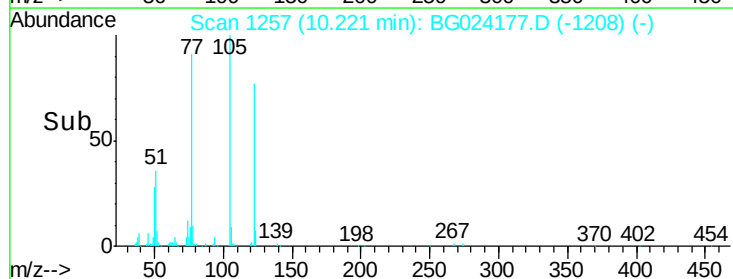
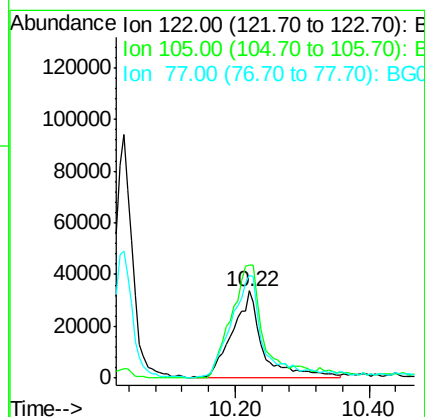
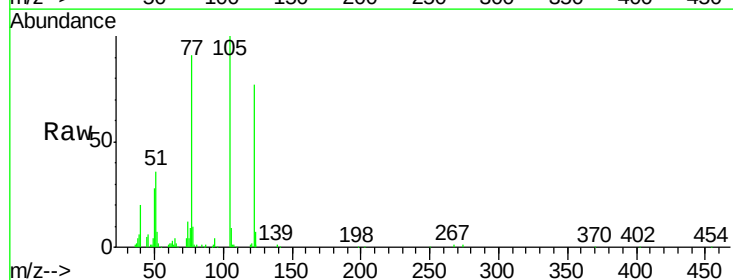
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

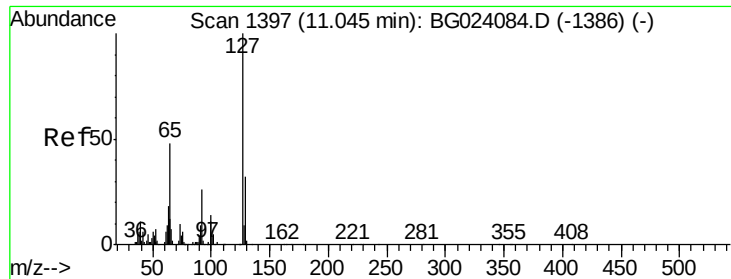
Tot Ion:128 Resp: 518528  
Ion Ratio Lower Upper  
128 100  
129 11.0 9.4 14.0  
127 13.8 11.3 16.9



#32  
Benzoic acid  
Concen: 32.13 ng  
RT: 10.22 min Scan# 1257  
Delta R.T. -0.01 min  
Lab File: BG024177.D  
Acq: 1 Oct 2016 2:23

Tgt Ion:122 Resp: 103218  
Ion Ratio Lower Upper  
122 100  
105 130.1 117.2 157.2  
77 118.1 109.2 149.2

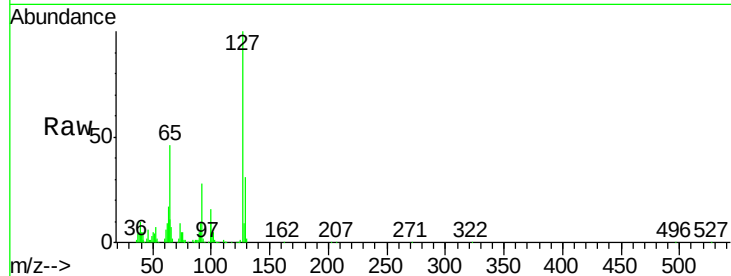




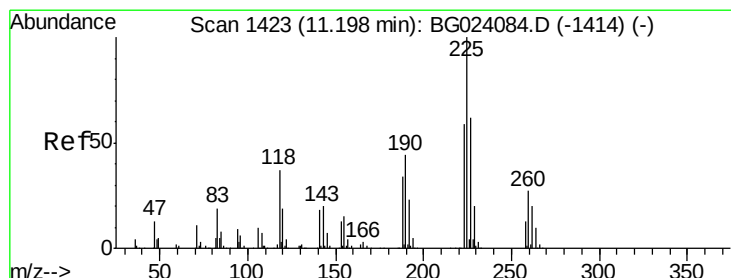
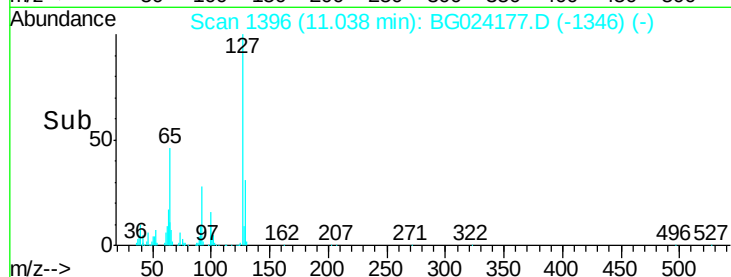
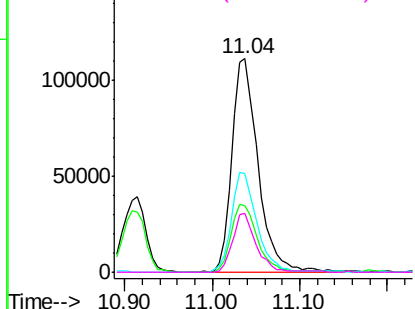
#33  
4-Chloroaniline  
Concen: 36.75 ng  
RT: 11.04 min Scan# 1396  
Delta R.T. -0.01 min  
Lab File: BG024177.D  
Acq: 1 Oct 2016 2:23

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 225122 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.0  | 27.9  | 41.9   |
| 65       | 46.0  | 36.8  | 55.2   |
| 92       | 27.8  | 21.0  | 31.6   |

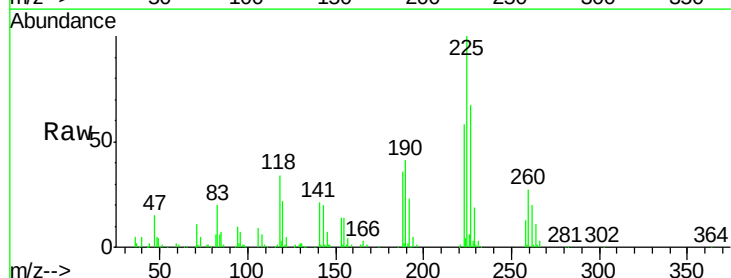


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

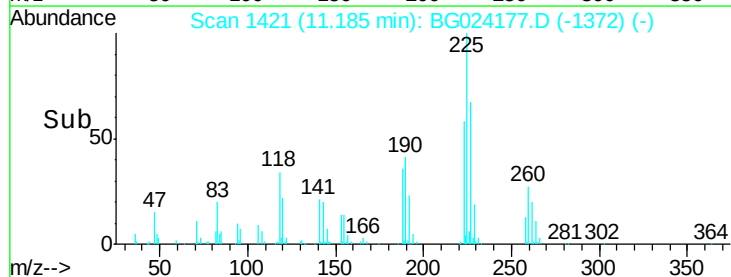
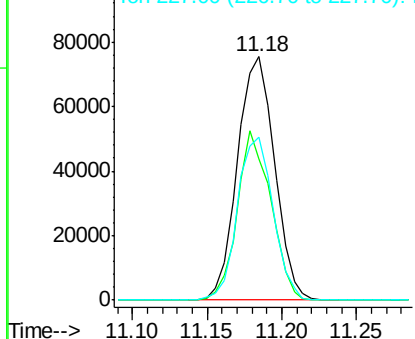


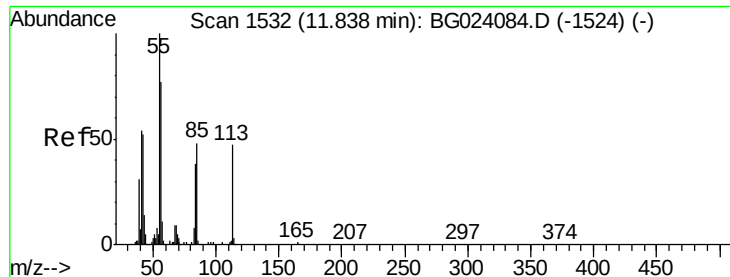
#34  
Hexachlorobutadiene  
Concen: 34.00 ng  
RT: 11.18 min Scan# 1421  
Delta R.T. -0.01 min  
Lab File: BG024177.D  
Acq: 1 Oct 2016 2:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 130314 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 58.1  | 49.6  | 74.4   |
| 227      | 66.7  | 54.5  | 81.7   |



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

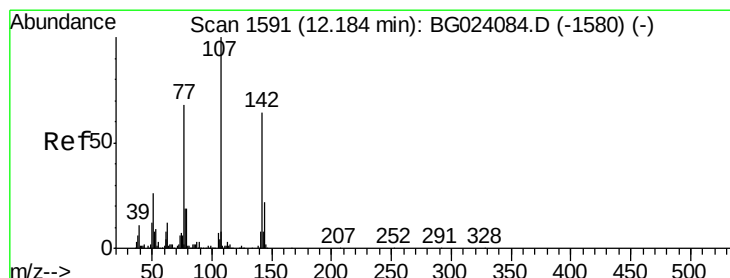
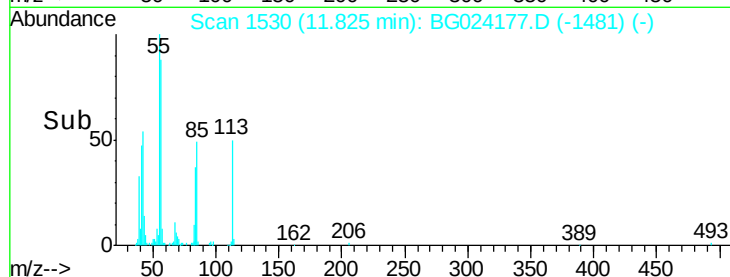
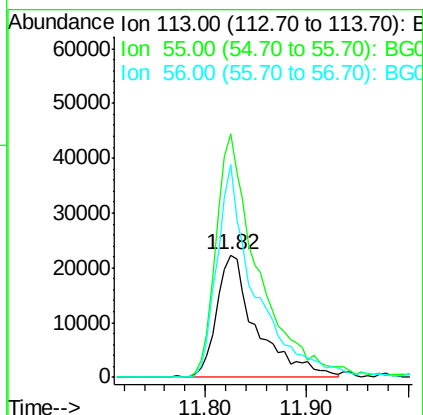
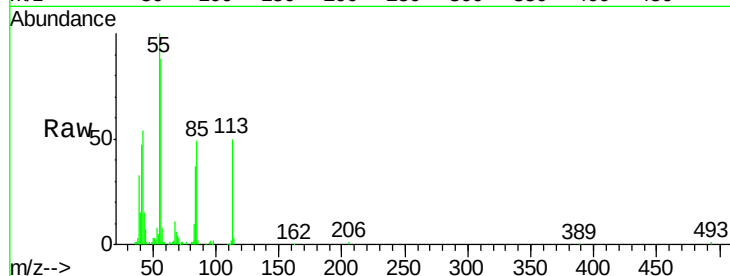




#35  
 Caprolactam  
 Concen: 33.05 ng  
 RT: 11.82 min Scan# 1530  
 Delta R.T. -0.01 min  
 Lab File: BG024177.D  
 Acq: 1 Oct 2016 2:23

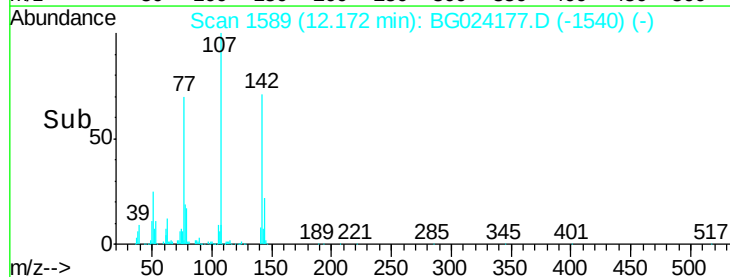
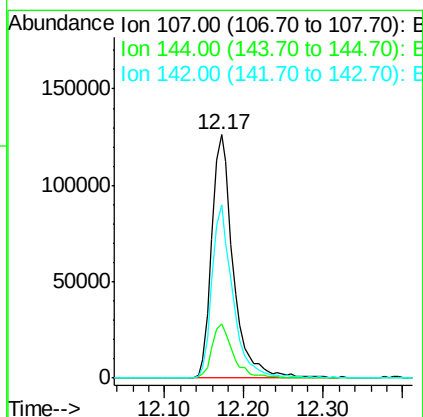
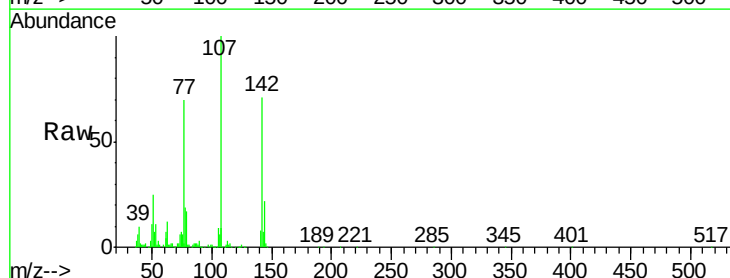
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

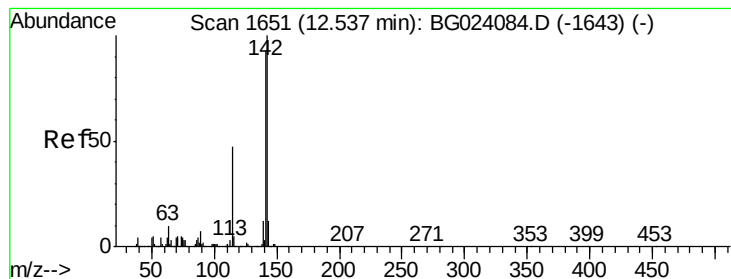
Tot Ion:113 Resp: 61152  
 Ion Ratio Lower Upper  
 113 100  
 55 199.6 154.5 194.5#  
 56 174.9 125.1 165.1#



#36  
 4-Chloro-3-methylphenol  
 Concen: 37.20 ng  
 RT: 12.17 min Scan# 1589  
 Delta R.T. -0.01 min  
 Lab File: BG024177.D  
 Acq: 1 Oct 2016 2:23

Tgt Ion:107 Resp: 238137  
 Ion Ratio Lower Upper  
 107 100  
 144 22.0 17.0 25.6  
 142 71.4 53.0 79.6





#37

2-Methylnaphthalene

Concen: 35.94 ng

RT: 12.52 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

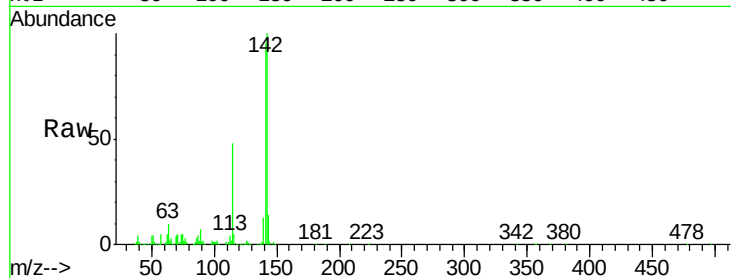
Tot Ion:142 Resp: 377710

Ion Ratio Lower Upper

142 100

141 94.7 70.2 105.2

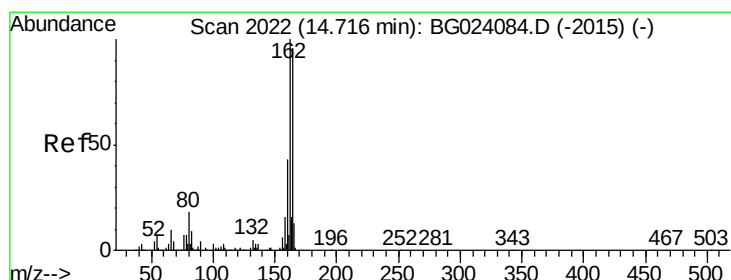
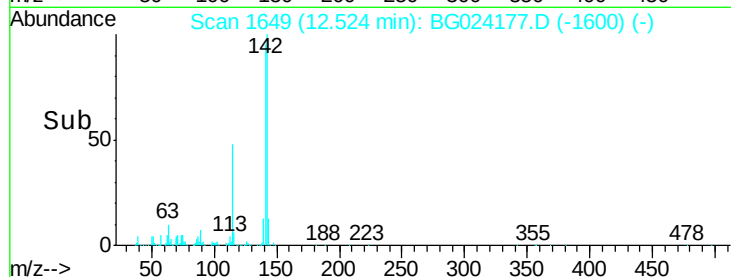
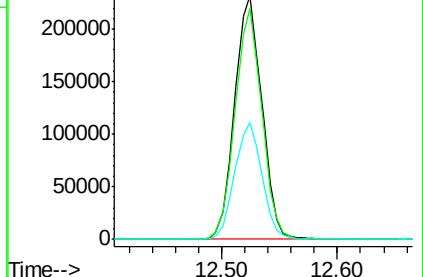
115 47.9 41.7 62.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.70 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

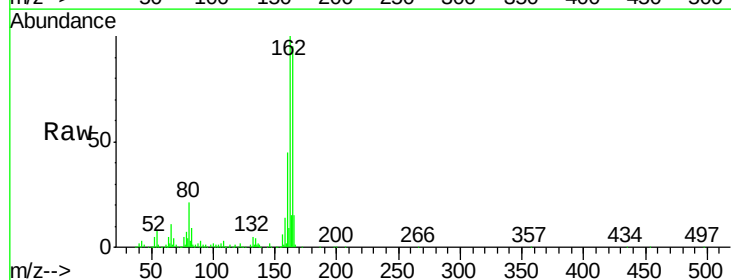
Tgt Ion:164 Resp: 227020

Ion Ratio Lower Upper

164 100

162 104.9 87.7 131.5

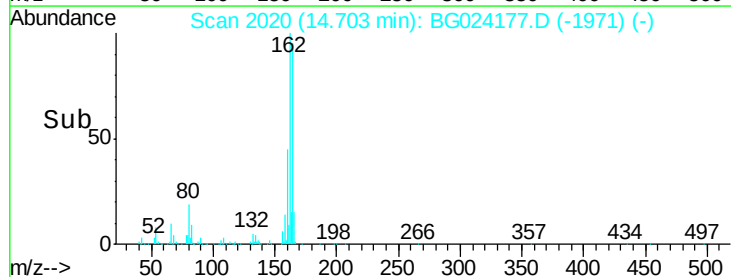
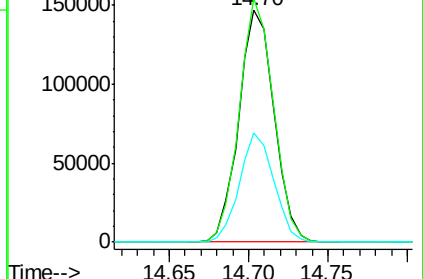
160 47.2 37.2 55.8

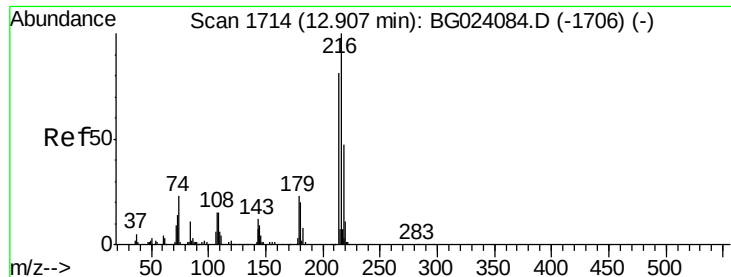


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.50 ng

RT: 12.89 min Scan# 1711

Delta R.T. -0.02 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 241925

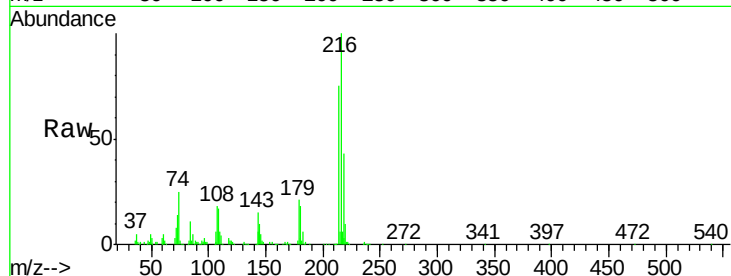
Ion Ratio Lower Upper

216 100

214 79.1 62.9 94.3

179 21.8 17.2 25.8

108 19.0 16.3 24.5

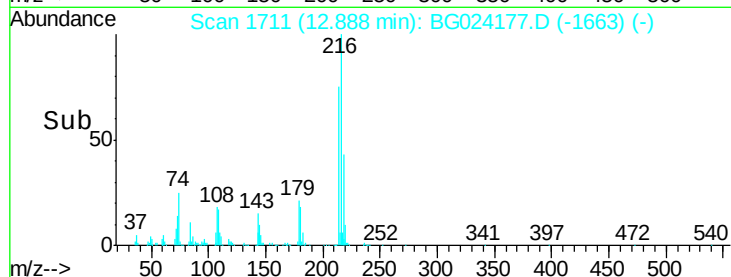


Abundance Ion 216.00 (215.70 to 216.70): E

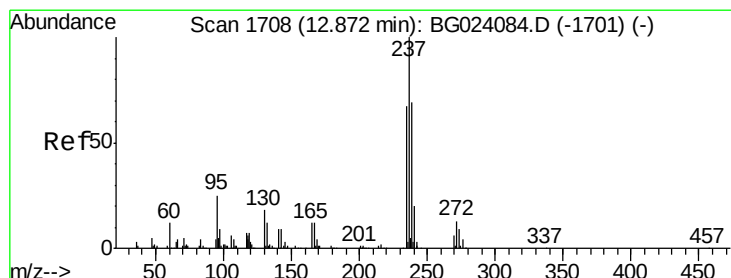
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 12.80 12.85 12.90 12.95



#40

Hexachlorocyclopentadiene

Concen: 36.16 ng

RT: 12.86 min Scan# 1706

Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

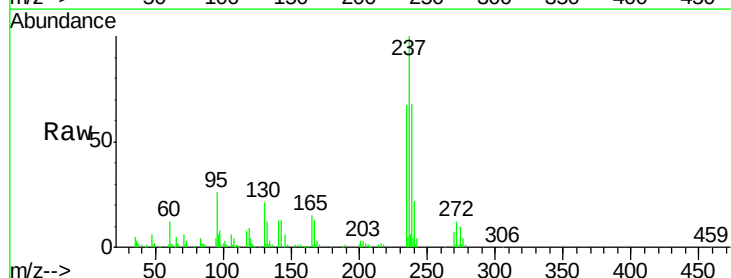
Tgt Ion:237 Resp: 90430

Ion Ratio Lower Upper

237 100

235 66.9 43.1 83.1

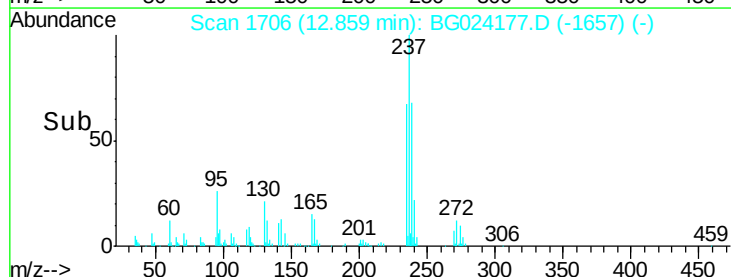
272 12.3 0.0 30.9



Abundance Ion 236.80 (236.50 to 237.50): E

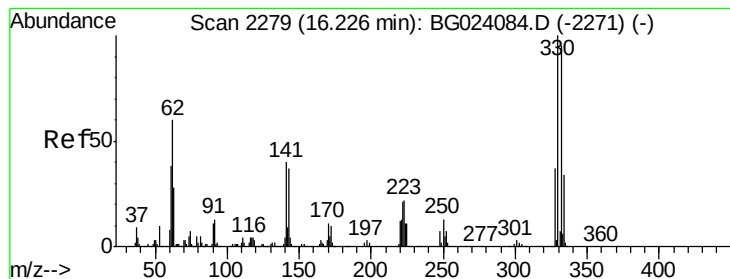
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time--> 12.80 12.85 12.90





#41

2,4,6-Tribromophenol

Concen: 62.01 ng

RT: 16.21 min Scan# 2277

Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

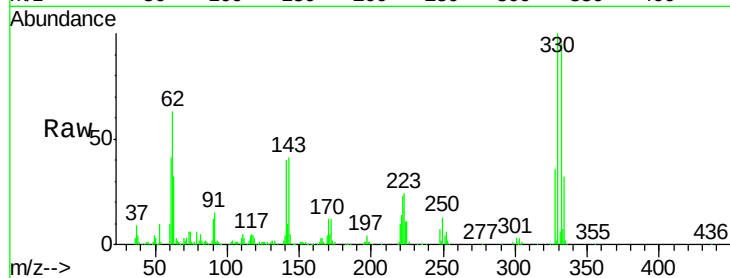
Tot Ion:330 Resp: 202361

Ion Ratio Lower Upper

330 100

332 98.2 77.4 116.2

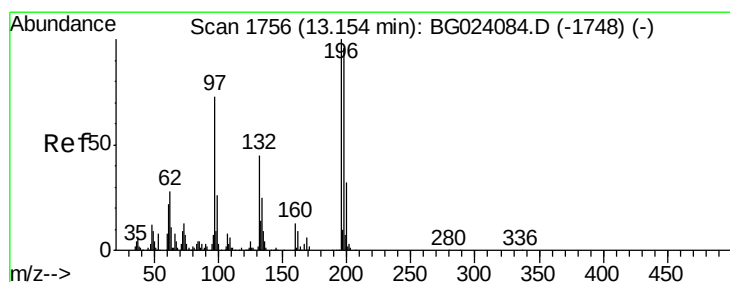
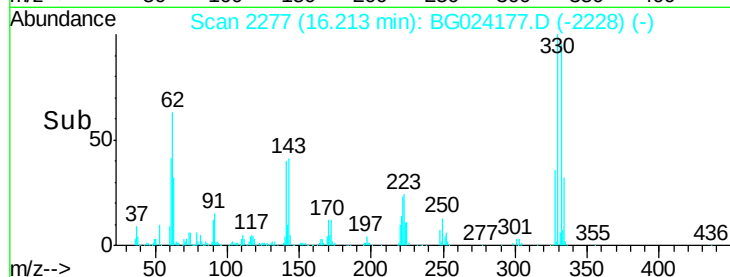
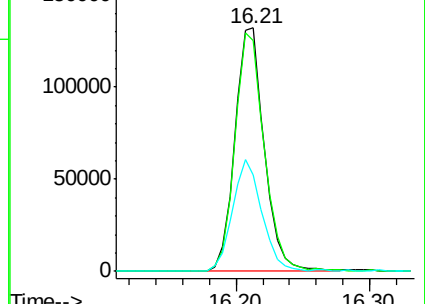
141 46.1 31.7 47.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 35.88 ng

RT: 13.14 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

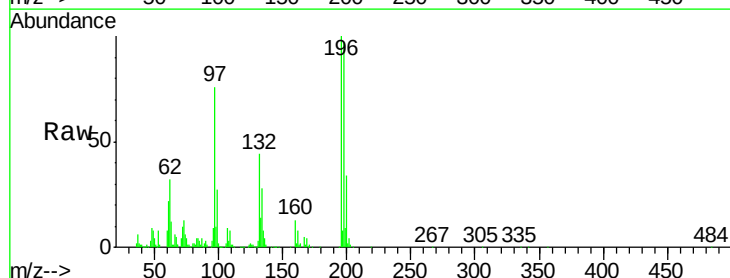
Tgt Ion:196 Resp: 153778

Ion Ratio Lower Upper

196 100

198 97.5 78.2 117.2

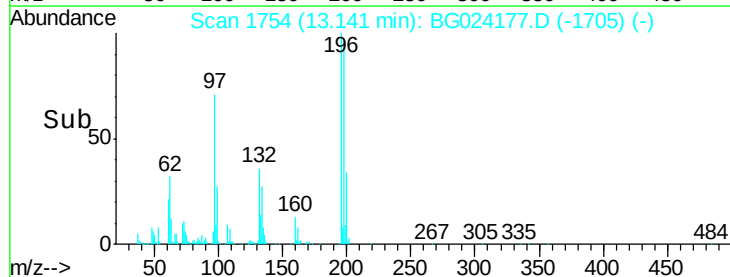
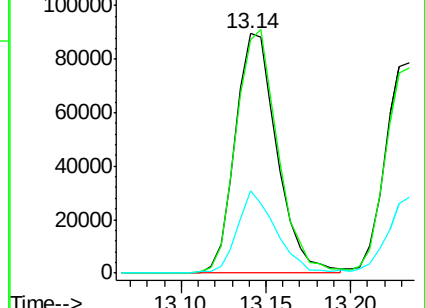
200 34.2 27.0 40.4

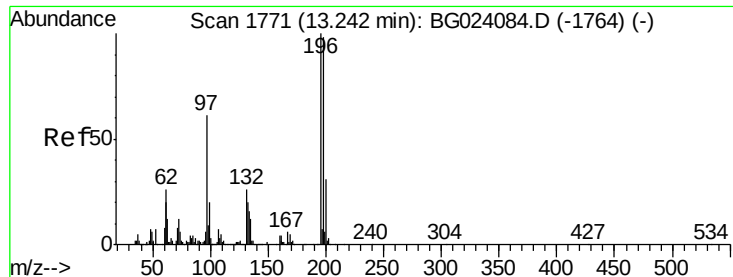


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

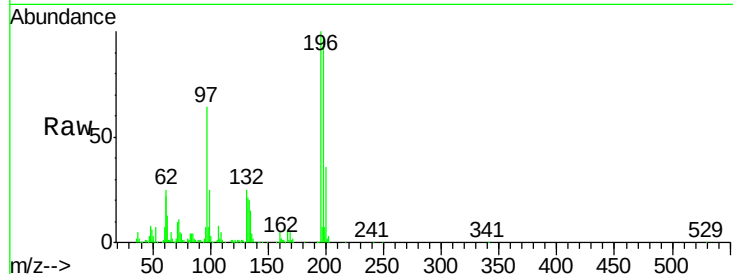




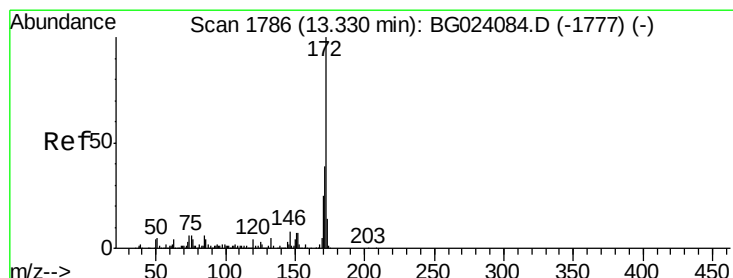
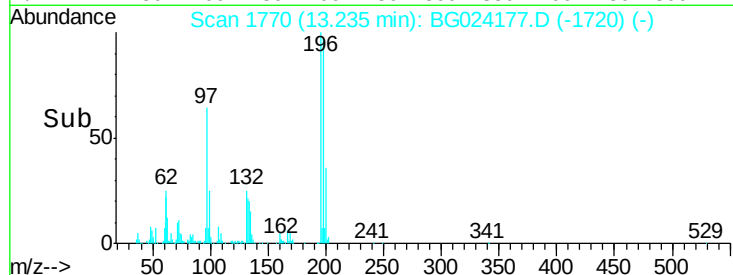
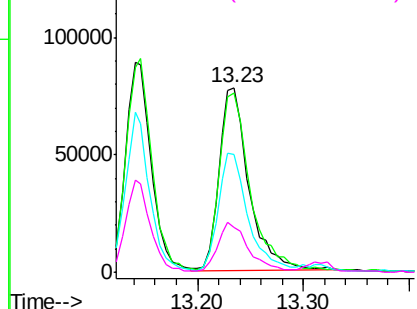
#43  
2,4,5-Trichlorophenol  
Concen: 35.01 ng  
RT: 13.23 min Scan# 1770  
Delta R.T. -0.01 min  
Lab File: BG024177.D  
Acq: 1 Oct 2016 2:23

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 97.1  | 85.7  | 128.5 |
| 97      | 63.9  | 45.5  | 68.3  |
| 132     | 24.5  | 18.9  | 28.3  |

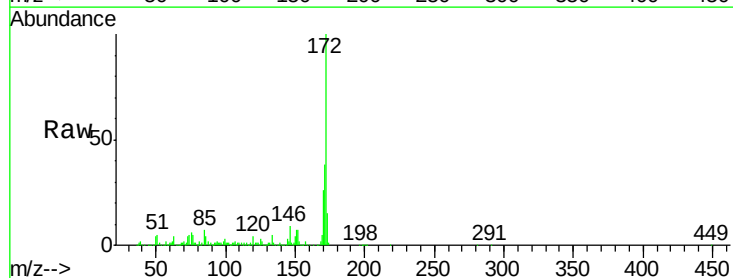


Abundance Ion 196.00 (195.70 to 196.70): E  
Ion 198.00 (197.70 to 198.70): E  
Ion 97.00 (96.70 to 97.70): BG  
Ion 132.00 (131.70 to 132.70): E

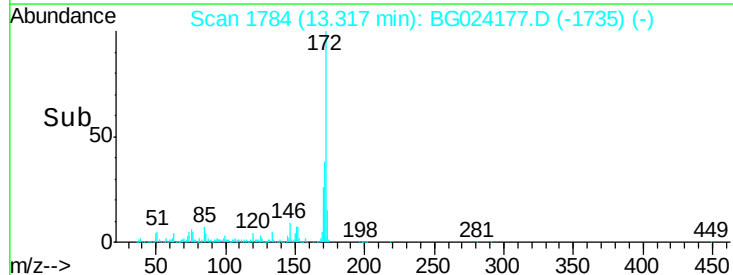
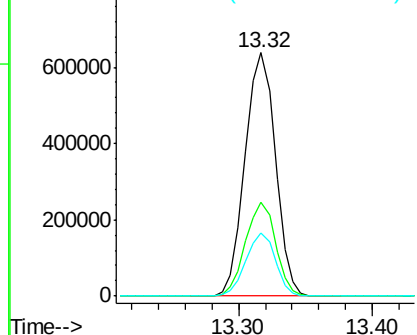


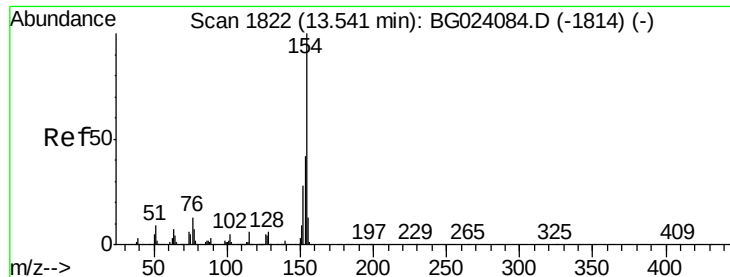
#44  
2-Fluorobiphenyl  
Concen: 74.60 ng  
RT: 13.32 min Scan# 1784  
Delta R.T. -0.01 min  
Lab File: BG024177.D  
Acq: 1 Oct 2016 2:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.4  | 31.6  | 47.4  |
| 170     | 26.0  | 21.3  | 31.9  |



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

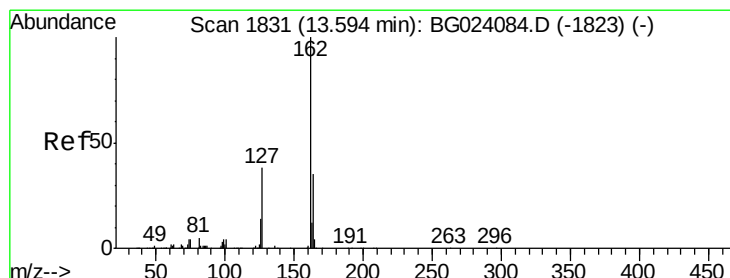
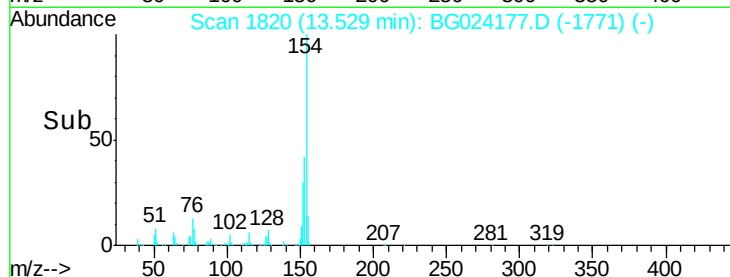
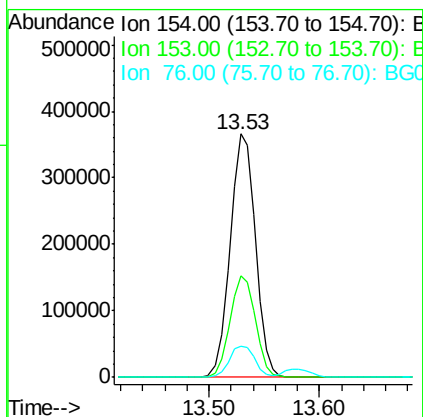
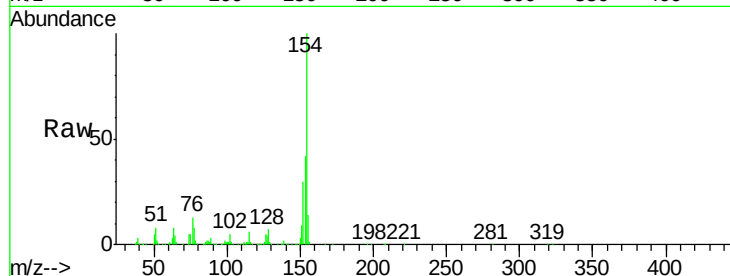




#45  
 1,1'-Biphenyl  
 Concen: 37.93 ng  
 RT: 13.53 min Scan# 1820  
 Delta R.T. -0.01 min  
 Lab File: BG024177.D  
 Acq: 1 Oct 2016 2:23

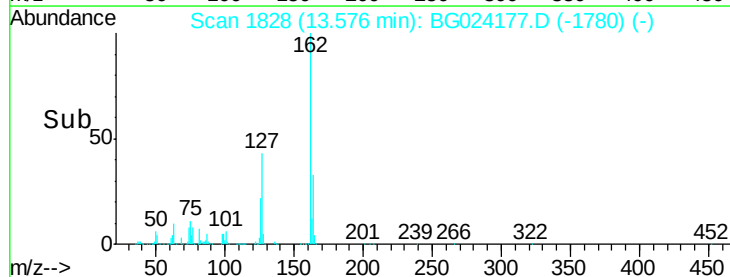
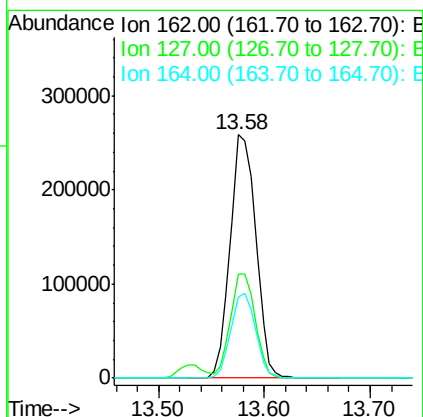
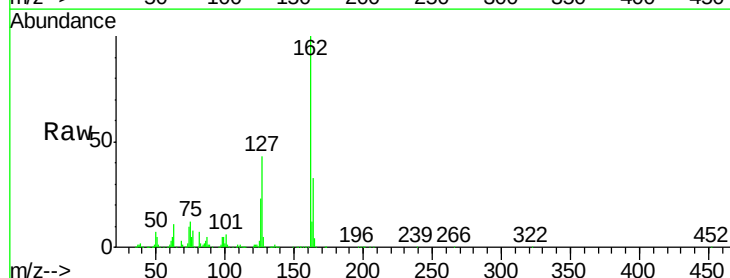
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

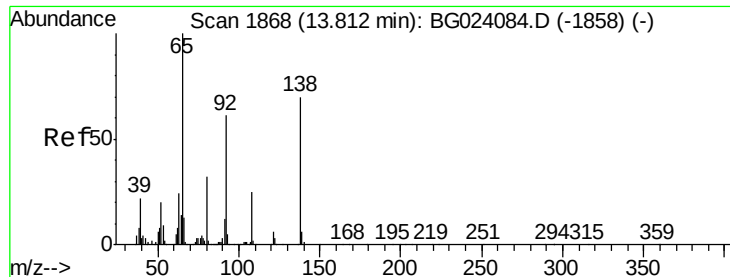
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.8  | 20.2  | 60.2  |
| 76      | 13.0  | 0.0   | 32.9  |



#46  
 2-Chloronaphthalene  
 Concen: 37.51 ng  
 RT: 13.58 min Scan# 1828  
 Delta R.T. -0.02 min  
 Lab File: BG024177.D  
 Acq: 1 Oct 2016 2:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 42.7  | 32.4  | 48.6  |
| 164     | 33.2  | 25.2  | 37.8  |





#47

2-Nitroaniline

Concen: 35.40 ng

RT: 13.80 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

Instrument :

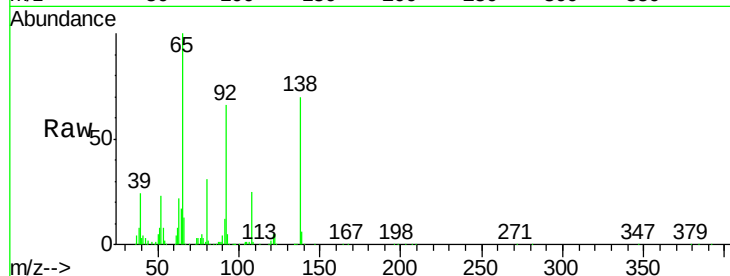
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion: 65 Resp: 190956

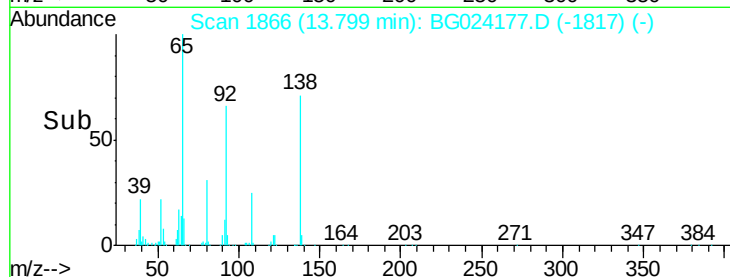
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 92  | 65.7  | 49.4  | 74.0  |
| 138 | 70.2  | 58.0  | 87.0  |



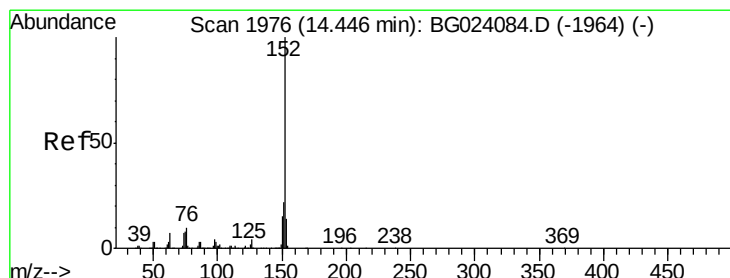
Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



Time-->



#48

Acenaphthylene

Concen: 37.61 ng

RT: 14.43 min Scan# 1973

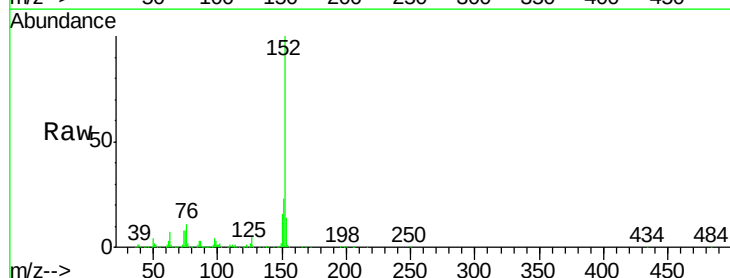
Delta R.T. -0.02 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

Tgt Ion: 152 Resp: 740169

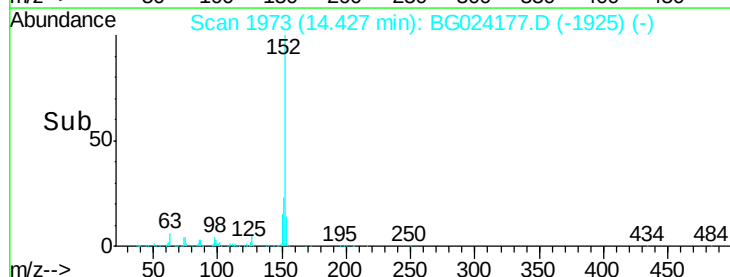
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 23.3  | 17.6  | 26.4  |
| 153 | 14.0  | 11.4  | 17.2  |



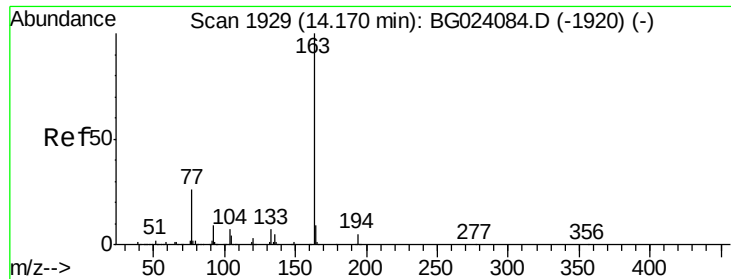
Abundance Ion 152.00 (151.70 to 152.70): BGC

Ion 151.00 (150.70 to 151.70): BGC

Ion 153.00 (152.70 to 153.70): BGC



Time-->



#49

Dimethylphthalate

Concen: 36.46 ng

RT: 14.16 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

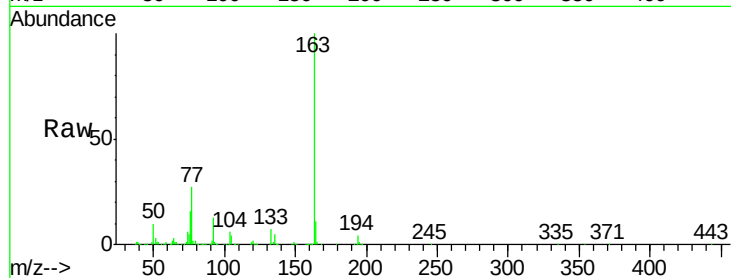
Tot Ion:163 Resp: 634914

Ion Ratio Lower Upper

163 100

194 3.7 3.6 5.4

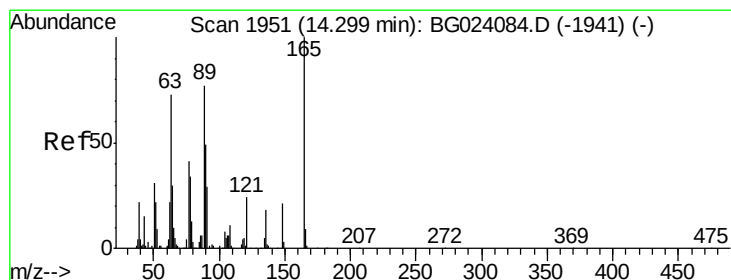
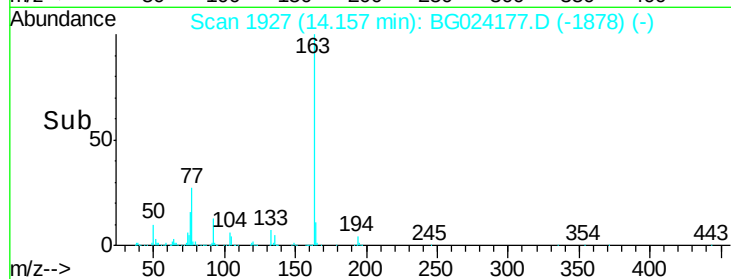
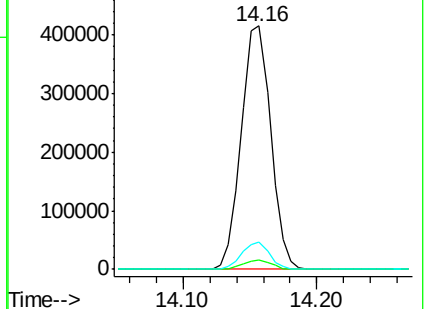
164 11.3 8.1 12.1



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: 36.54 ng

RT: 14.29 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

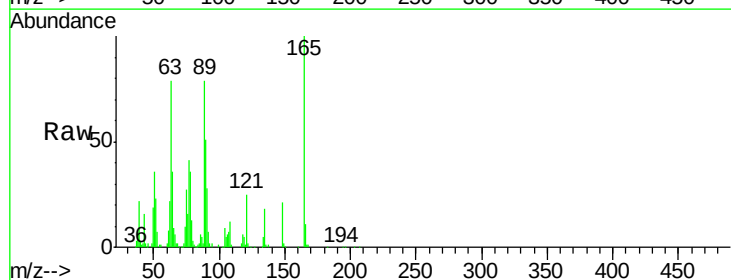
Tgt Ion:165 Resp: 133662

Ion Ratio Lower Upper

165 100

63 78.5 64.3 96.5

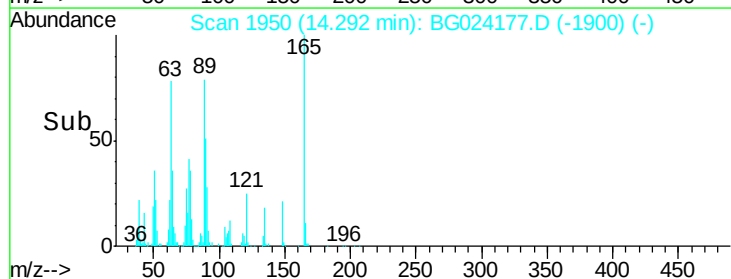
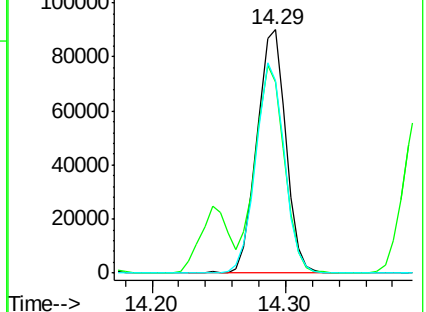
89 79.0 64.3 96.5

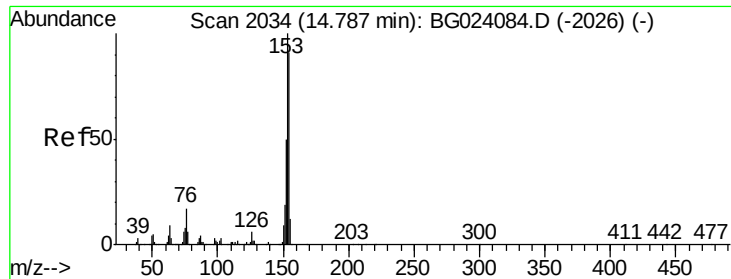


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 37.55 ng

RT: 14.77 min Scan# 2031

Delta R.T. -0.02 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

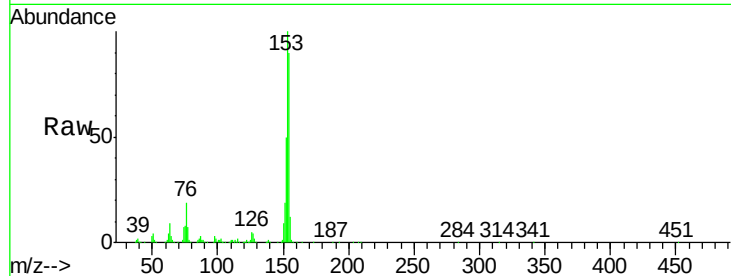
Tot Ion:154 Resp: 448194

Ion Ratio Lower Upper

154 100

153 111.7 87.5 131.3

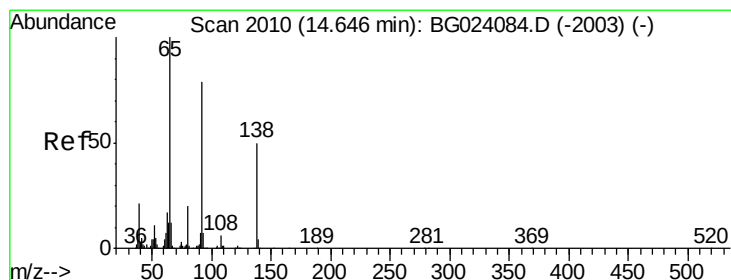
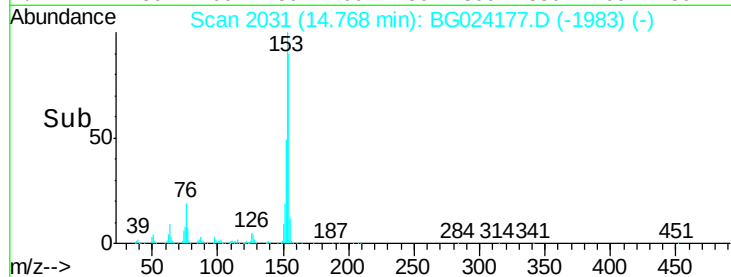
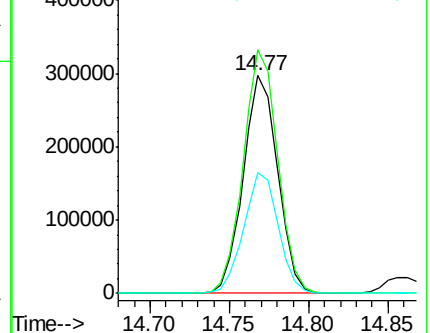
152 55.5 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.41 ng

RT: 14.63 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

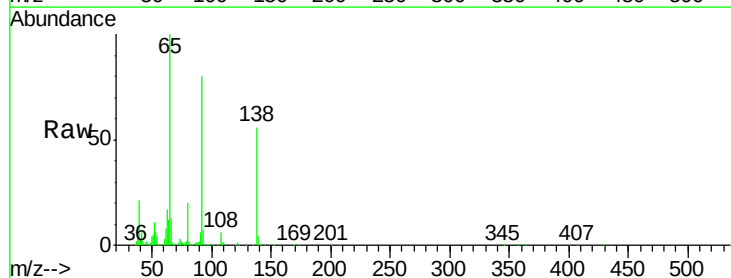
Tgt Ion:138 Resp: 140359

Ion Ratio Lower Upper

138 100

108 10.7 11.7 17.5#

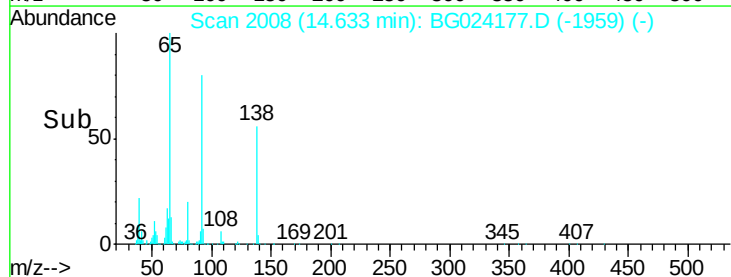
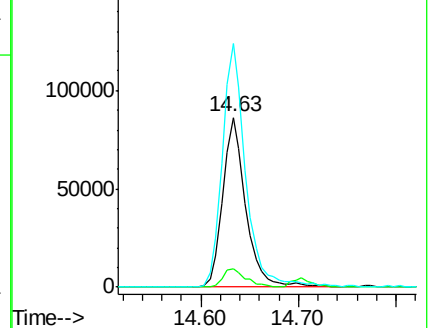
92 143.6 129.7 194.5

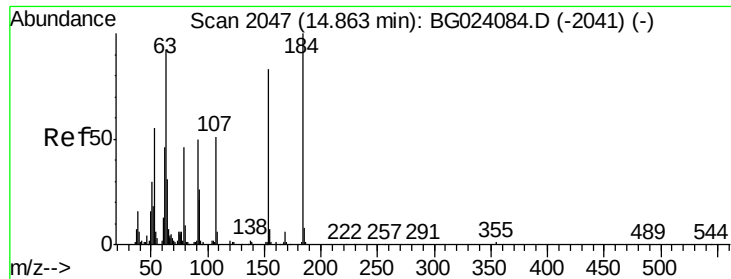


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

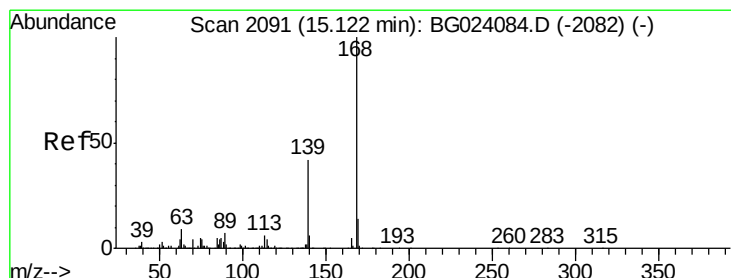
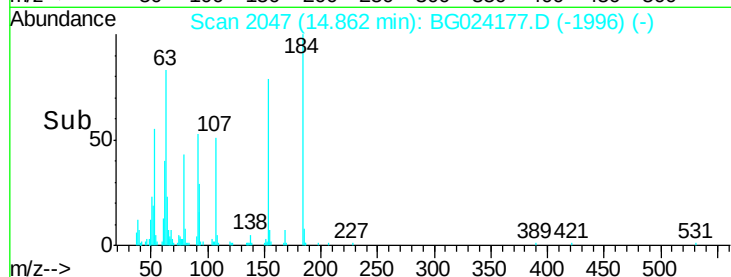
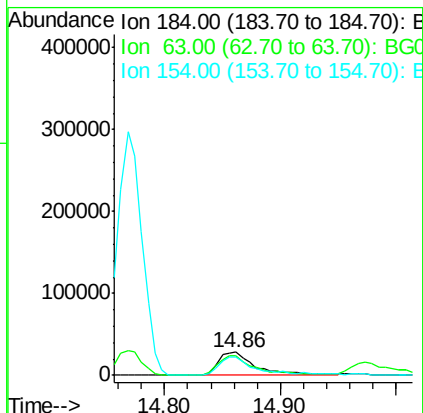
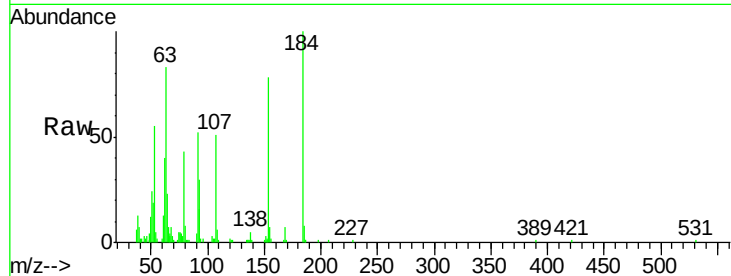




#53  
 2,4-Dinitrophenol  
 Concen: 30.94 ng  
 RT: 14.86 min Scan# 2047  
 Delta R.T. -0.00 min  
 Lab File: BG024177.D  
 Acq: 1 Oct 2016 2:23

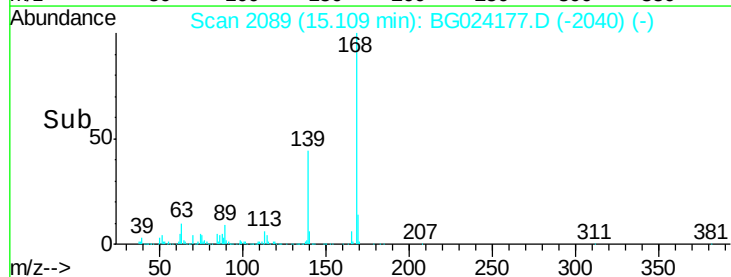
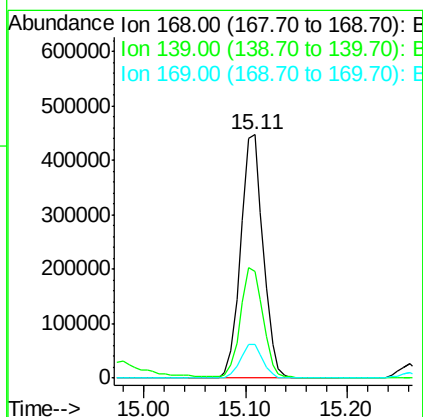
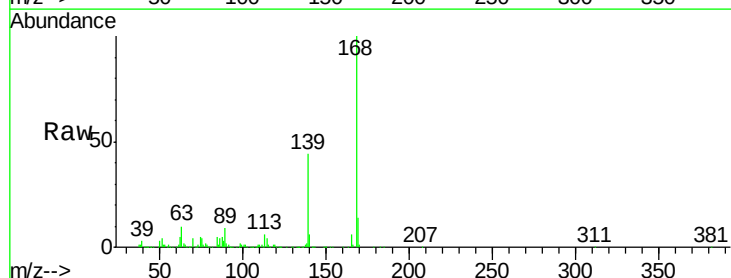
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

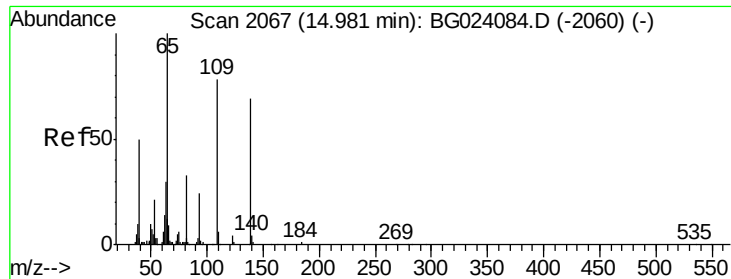
Tot Ion:184 Resp: 64284  
 Ion Ratio Lower Upper  
 184 100  
 63 82.6 59.6 89.4  
 154 78.4 67.4 101.0



#54  
 Dibenzofuran  
 Concen: 36.84 ng  
 RT: 15.11 min Scan# 2089  
 Delta R.T. -0.01 min  
 Lab File: BG024177.D  
 Acq: 1 Oct 2016 2:23

Tgt Ion:168 Resp: 684474  
 Ion Ratio Lower Upper  
 168 100  
 139 44.0 36.4 54.6  
 169 13.8 11.9 17.9

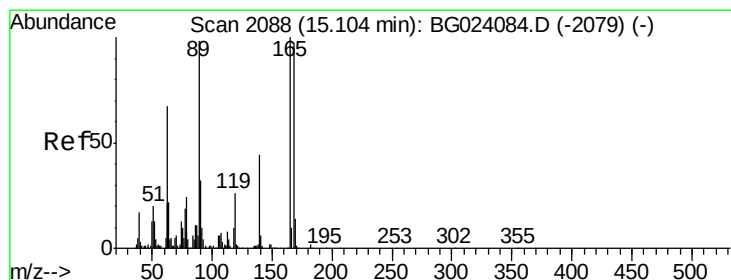
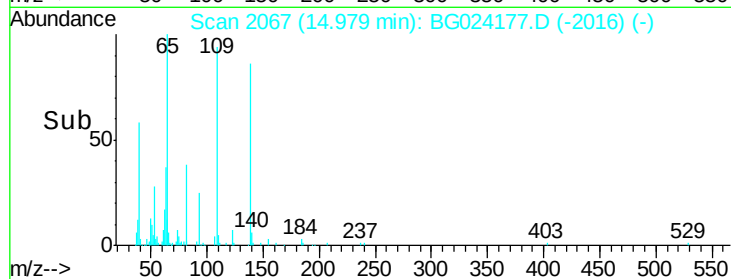
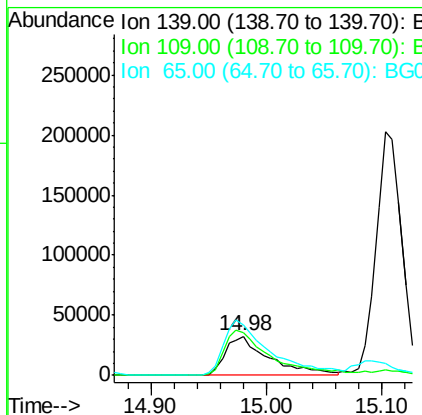
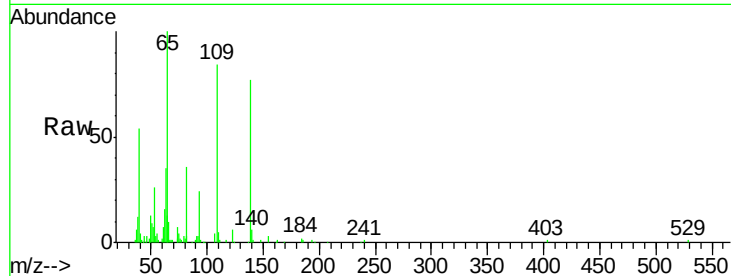




#55  
4-Nitrophenol  
Concen: 32.84 ng  
RT: 14.98 min Scan# 2067  
Delta R.T. -0.00 min  
Lab File: BG024177.D  
Acq: 1 Oct 2016 2:23

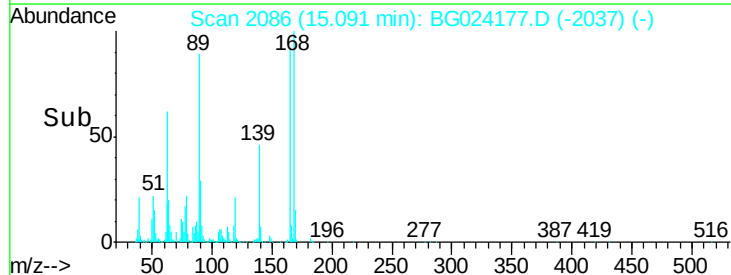
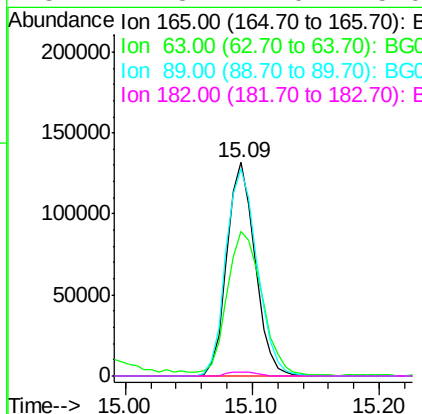
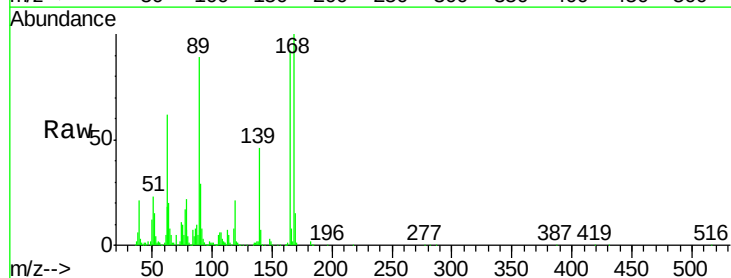
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:139 Resp: 85471  
Ion Ratio Lower Upper  
139 100  
109 109.2 103.0 143.0  
65 130.4 112.7 152.7

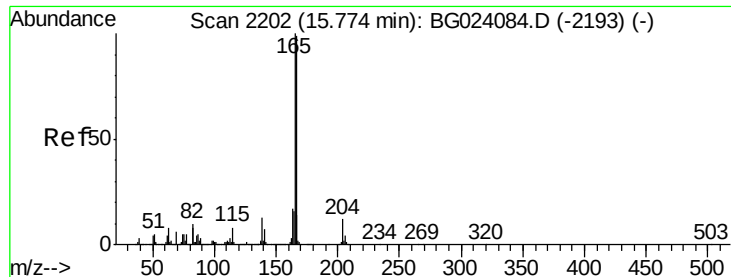


#56  
2,4-Dinitrotoluene  
Concen: 36.23 ng  
RT: 15.09 min Scan# 2086  
Delta R.T. -0.01 min  
Lab File: BG024177.D  
Acq: 1 Oct 2016 2:23

Tgt Ion:165 Resp: 201705  
Ion Ratio Lower Upper  
165 100  
63 67.5 45.8 68.6  
89 97.0 68.6 102.8  
182 1.8 2.0 3.0#







#57

Fluorene

Concen: 36.61 ng

RT: 15.76 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

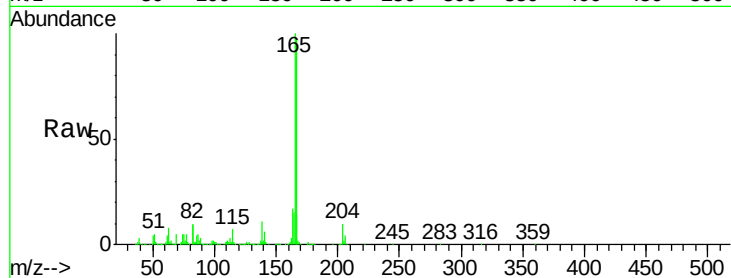
Tot Ion:166 Resp: 592154

Ion Ratio Lower Upper

166 100

165 103.0 81.0 121.6

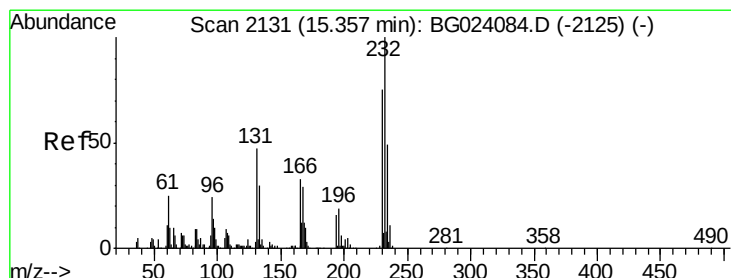
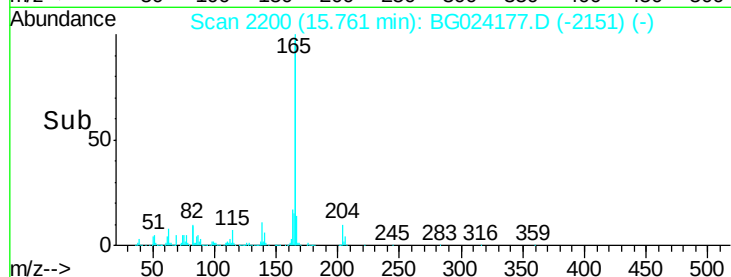
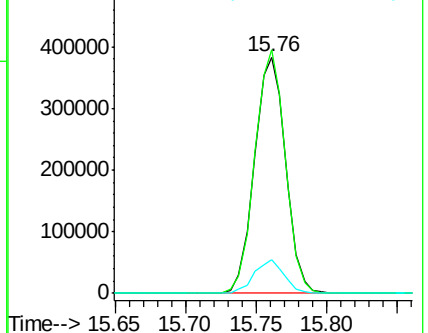
167 14.4 12.0 18.0



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: 34.56 ng

RT: 15.34 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

Tgt Ion:232 Resp: 147193

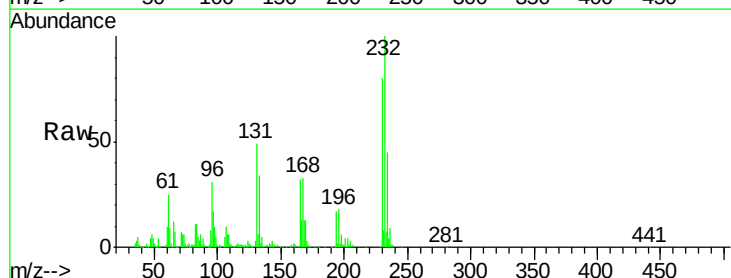
Ion Ratio Lower Upper

232 100

131 48.9 32.7 49.1

130 3.5 2.6 3.8

166 31.0 23.0 34.6

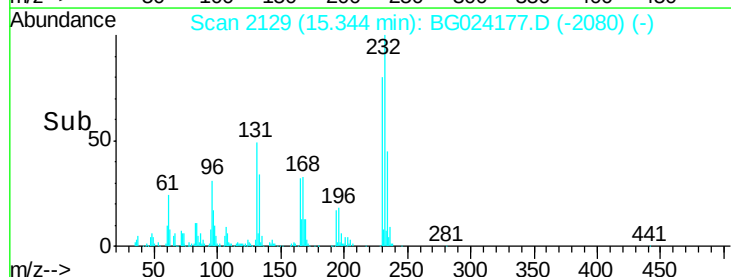
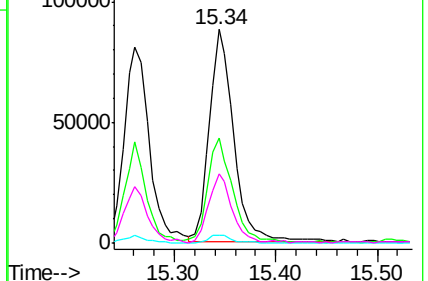


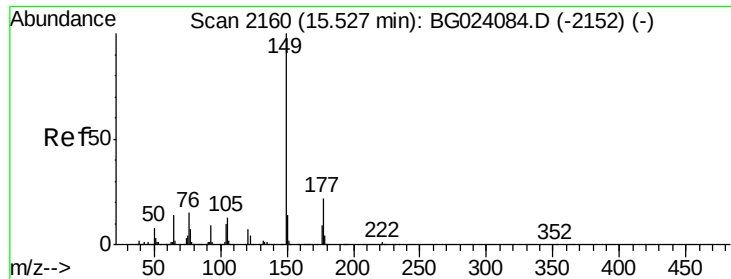
Abundance Ion 232.00 (231.70 to 232.70): E

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: 35.40 ng

RT: 15.51 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

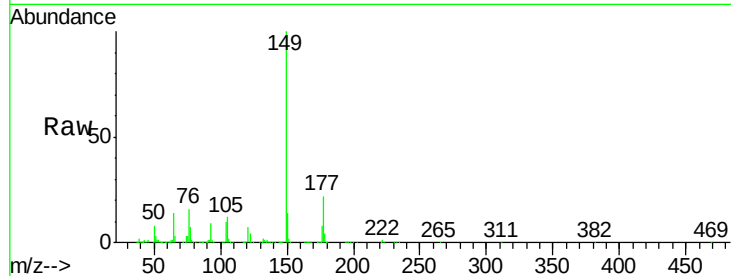
Tot Ion:149 Resp: 663874

Ion Ratio Lower Upper

149 100

177 21.7 19.2 28.8

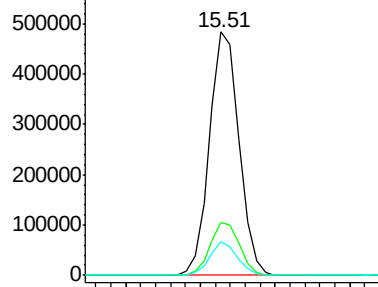
150 13.7 10.6 16.0



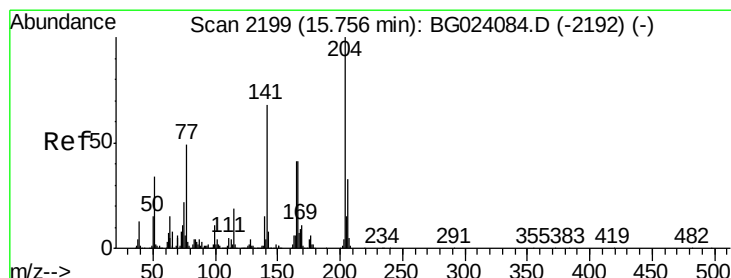
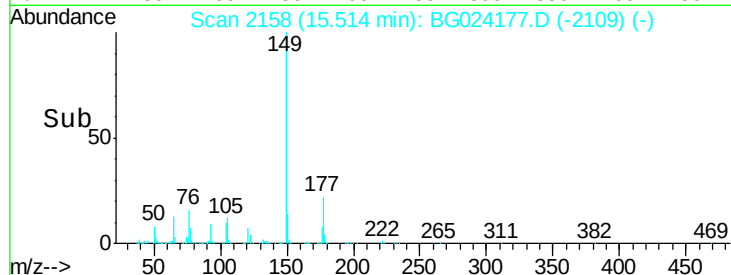
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->



#60

4-Chlorophenyl-phenylether

Concen: 34.75 ng

RT: 15.74 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

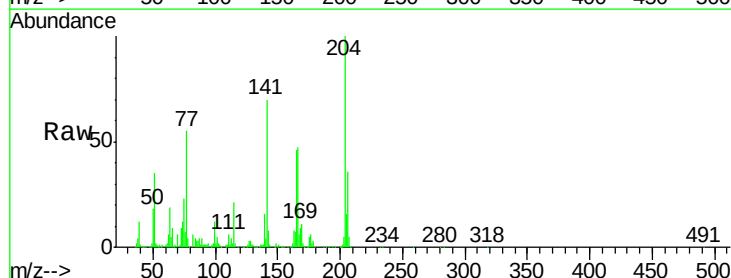
Tgt Ion:204 Resp: 301077

Ion Ratio Lower Upper

204 100

206 36.1 28.5 42.7

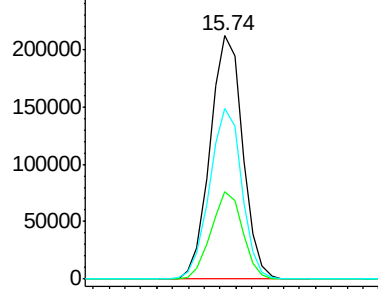
141 69.9 51.4 77.0



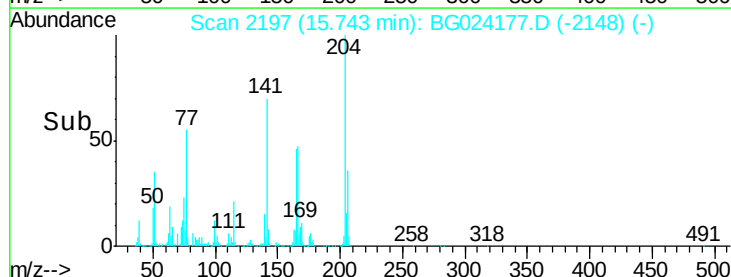
Abundance Ion 204.00 (203.70 to 204.70): E

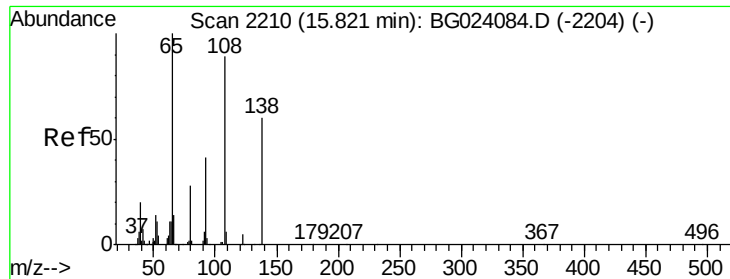
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#61

4-Nitroaniline

Concen: 35.07 ng

RT: 15.81 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

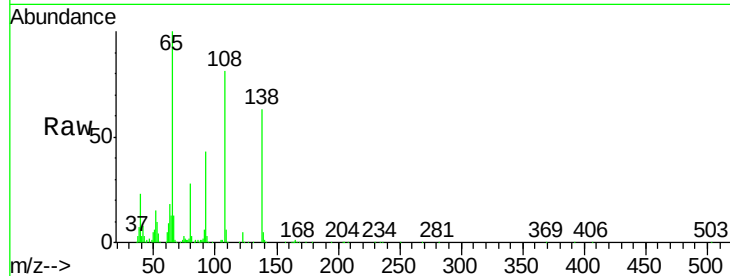
Tot Ion:138 Resp: 132734

Ion Ratio Lower Upper

138 100

92 68.6 54.1 94.1

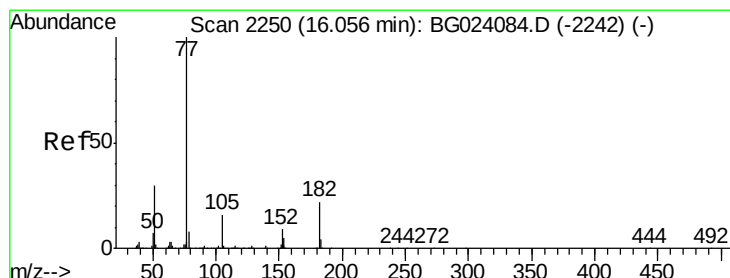
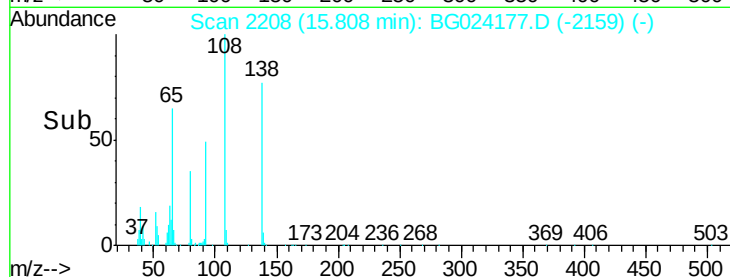
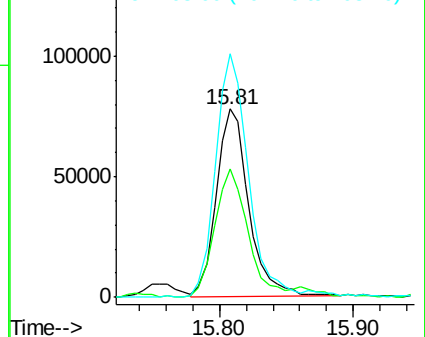
108 129.4 133.9 173.9#



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: 37.20 ng

RT: 16.04 min Scan# 2248

Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

Tgt Ion: 77 Resp: 708812

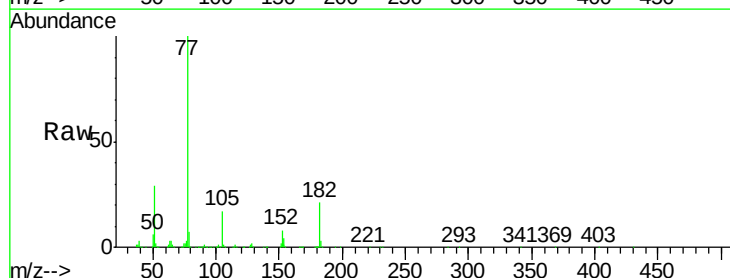
Ion Ratio Lower Upper

77 100

182 20.8 3.5 43.5

105 16.6 0.0 38.5

51 28.9 17.1 57.1

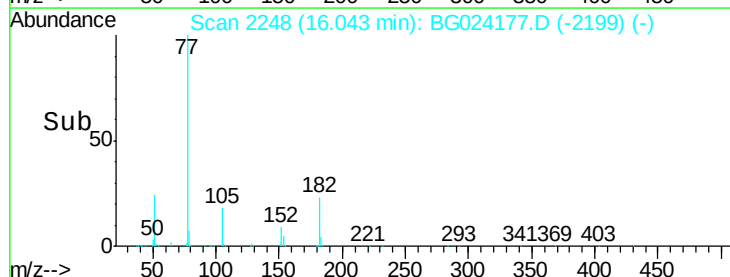
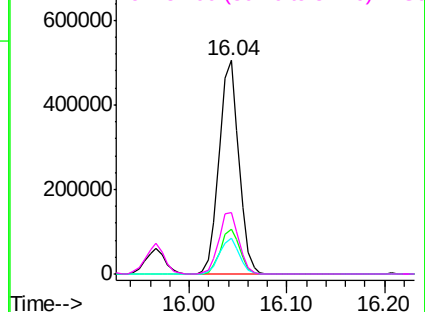


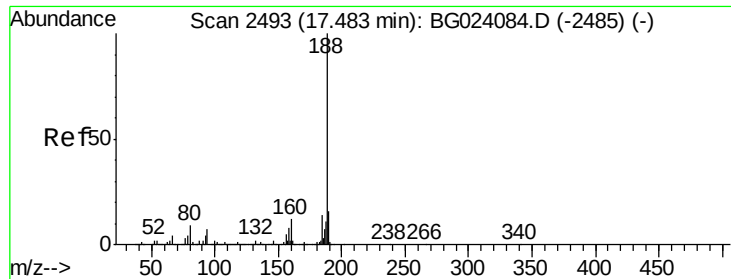
Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.47 min Scan# 2491

Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

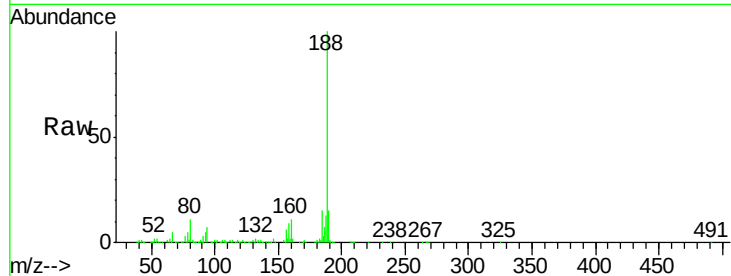
Tot Ion:188 Resp: 502110

Ion Ratio Lower Upper

188 100

94 7.3 5.2 7.8

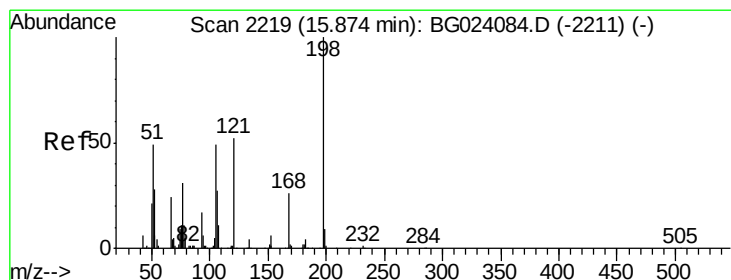
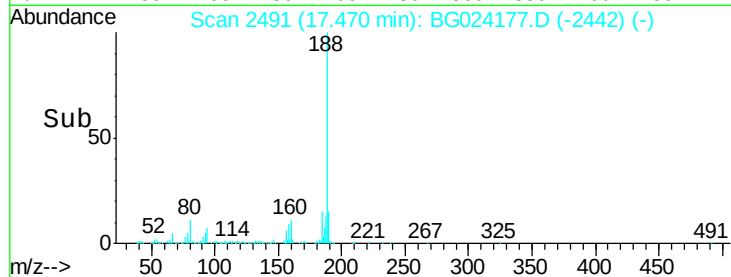
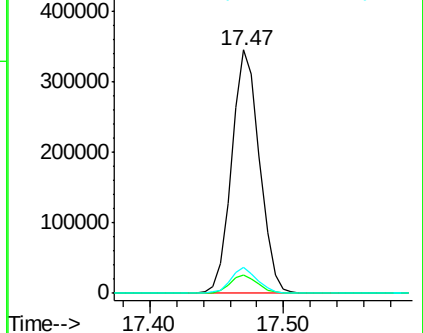
80 10.8 7.2 10.8#



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: 32.99 ng

RT: 15.86 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

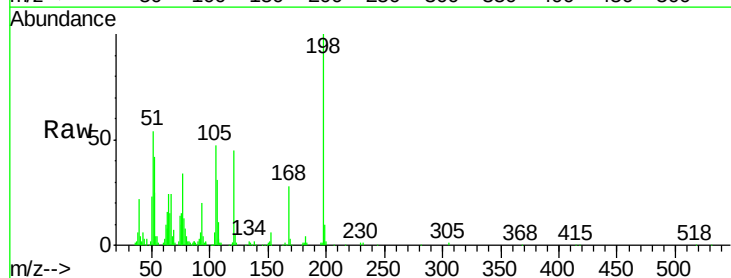
Tgt Ion:198 Resp: 115024

Ion Ratio Lower Upper

198 100

51 54.1 26.0 66.0

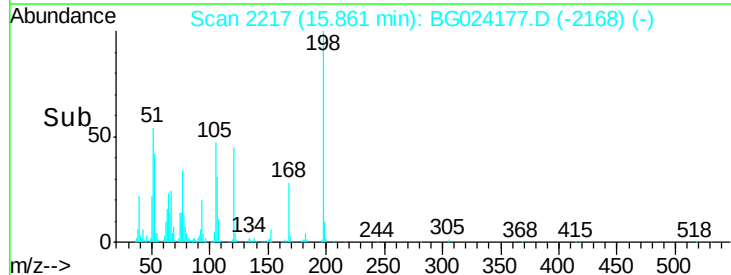
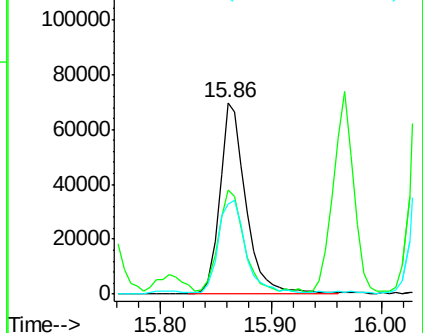
105 47.1 20.1 60.1

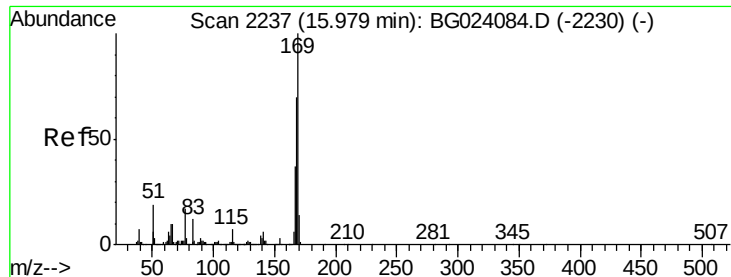


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.33 ng

RT: 15.97 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

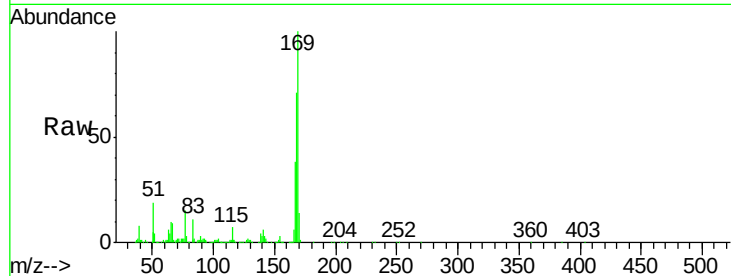
Tot Ion:169 Resp: 540271

Ion Ratio Lower Upper

169 100

168 70.7 55.0 82.4

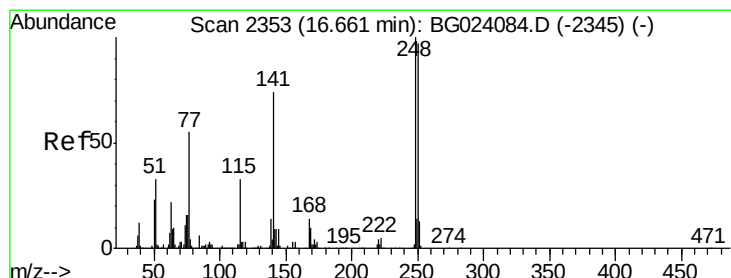
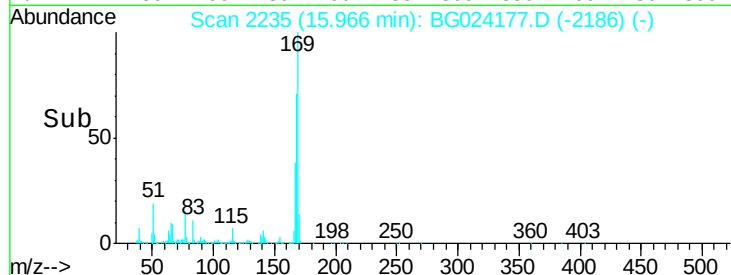
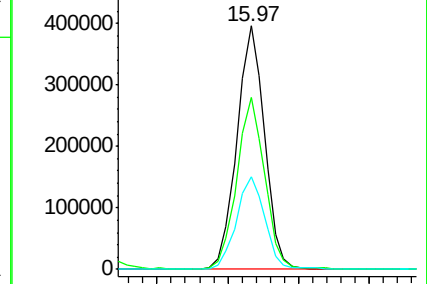
167 38.3 27.4 41.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.48 ng

RT: 16.65 min Scan# 2351

Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

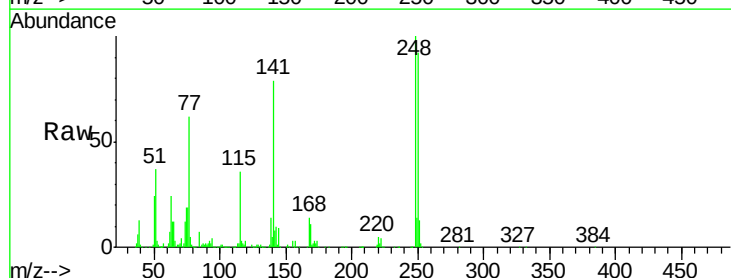
Tgt Ion:248 Resp: 206622

Ion Ratio Lower Upper

248 100

250 91.6 77.8 116.8

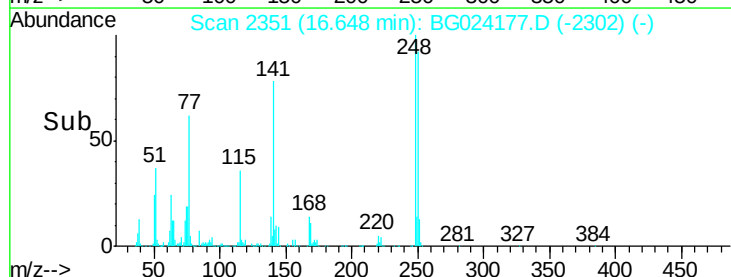
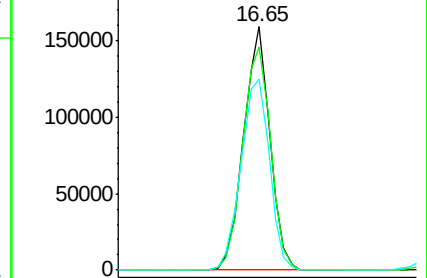
141 78.6 65.7 98.5

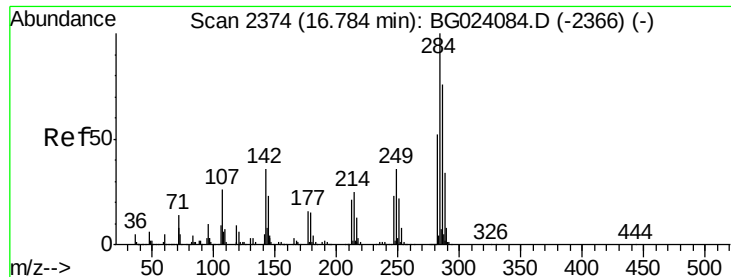


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 34.26 ng

RT: 16.77 min Scan# 2372

Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

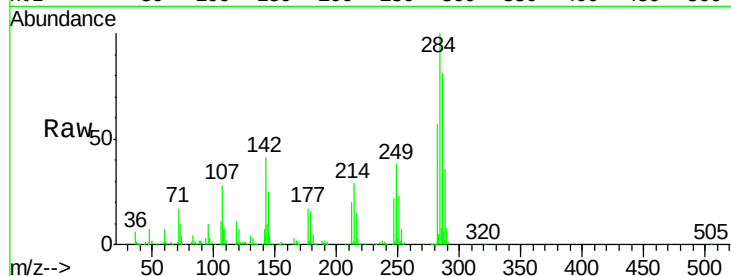
Tot Ion:284 Resp: 224830

Ion Ratio Lower Upper

284 100

142 41.1 26.8 40.2#

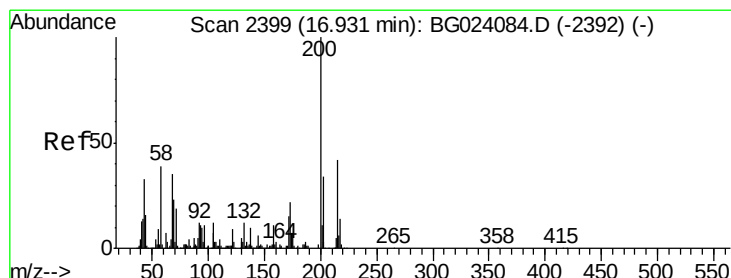
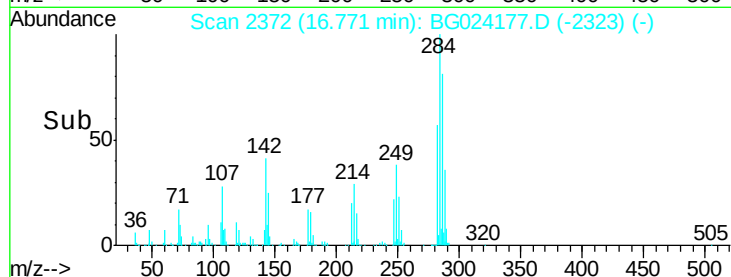
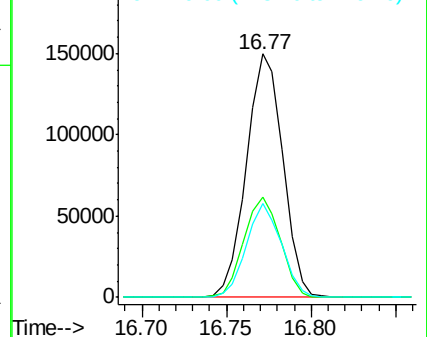
249 38.4 28.9 43.3



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: 33.76 ng

RT: 16.92 min Scan# 2397

Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

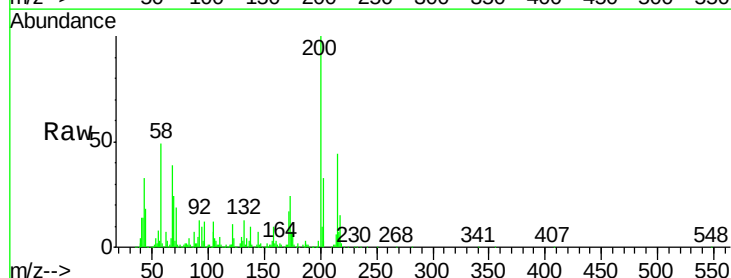
Tgt Ion:200 Resp: 204687

Ion Ratio Lower Upper

200 100

173 23.8 1.6 41.6

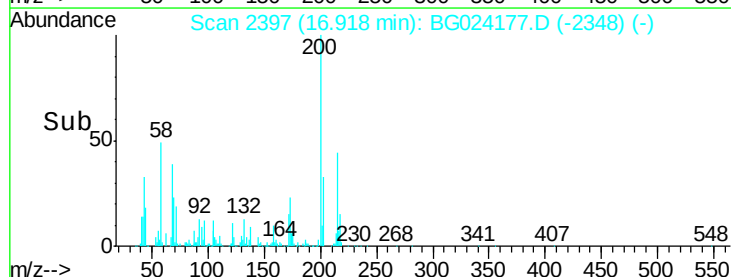
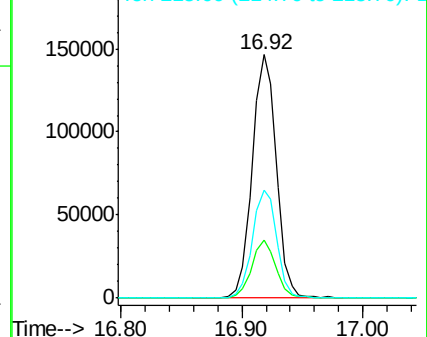
215 44.1 28.7 68.7

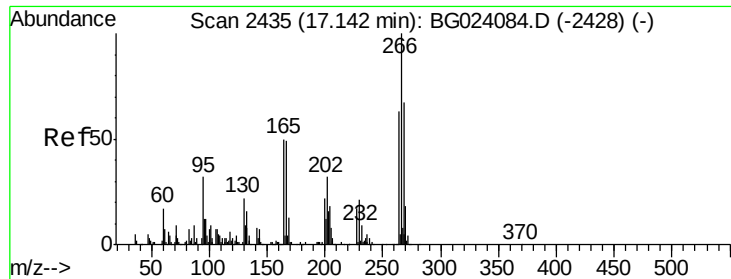


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 30.52 ng

RT: 17.14 min Scan# 2434

Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

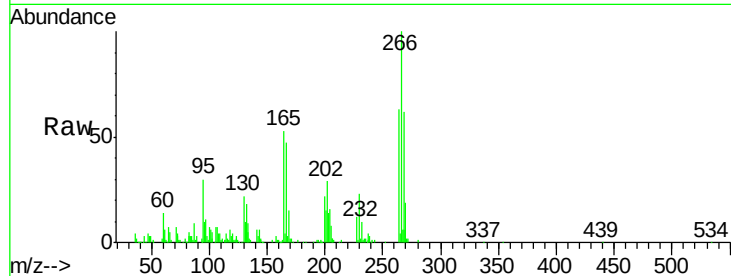
Tot Ion:266 Resp: 95974

Ion Ratio Lower Upper

266 100

268 62.0 51.9 77.9

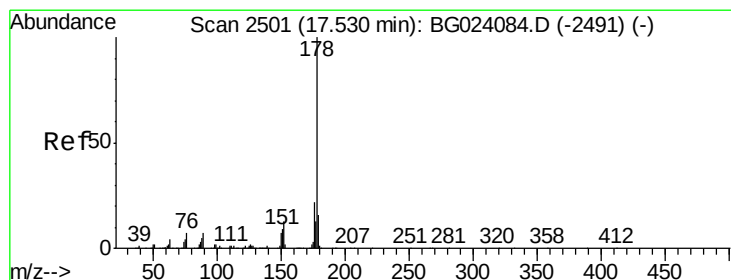
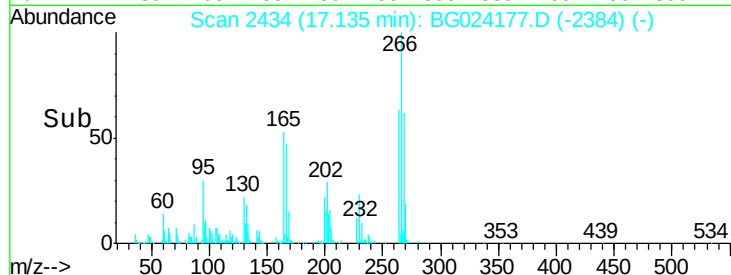
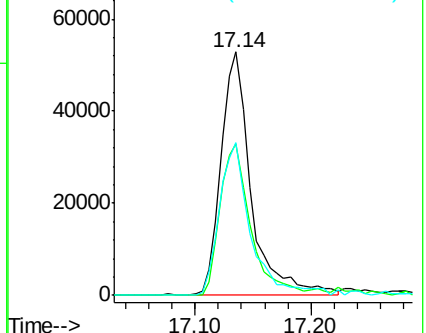
264 63.0 50.6 75.8



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: 38.29 ng

RT: 17.51 min Scan# 2498

Delta R.T. -0.02 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

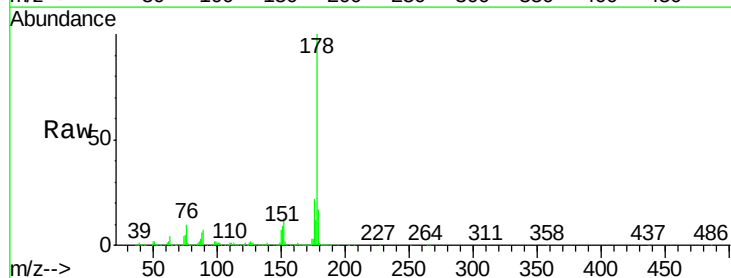
Tgt Ion:178 Resp: 979417

Ion Ratio Lower Upper

178 100

176 21.6 16.8 25.2

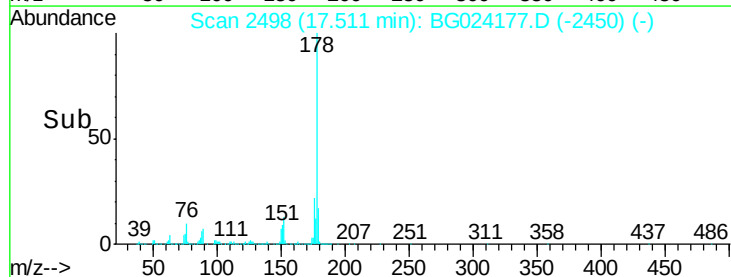
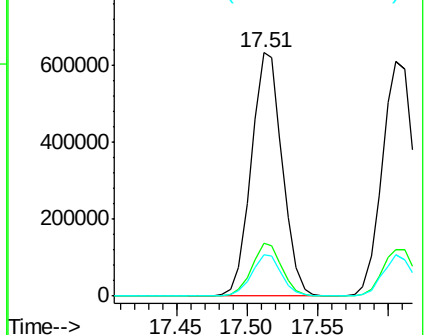
179 16.9 14.3 21.5

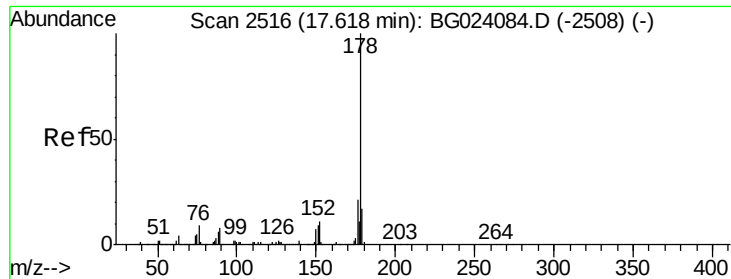


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

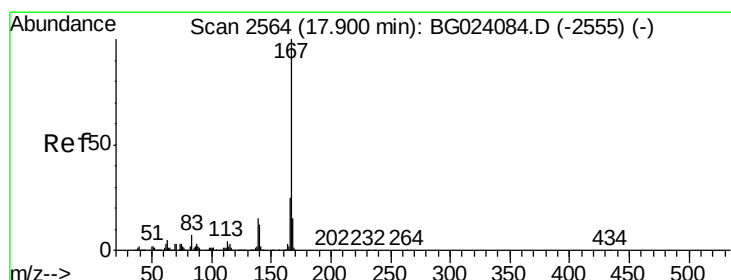
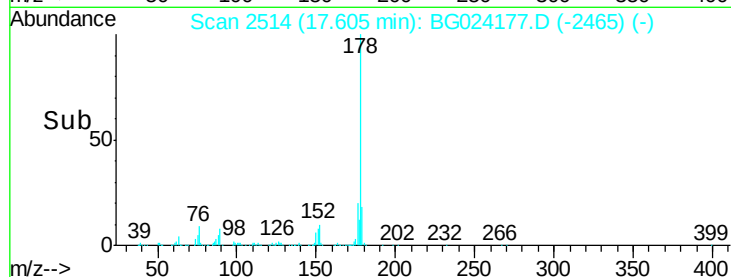
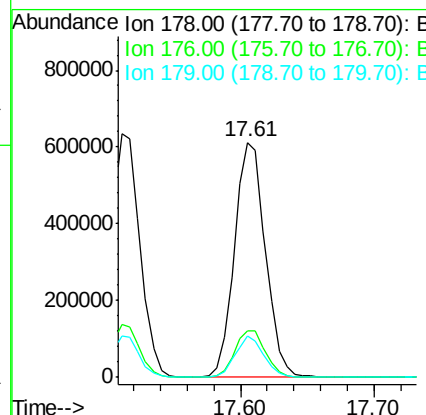
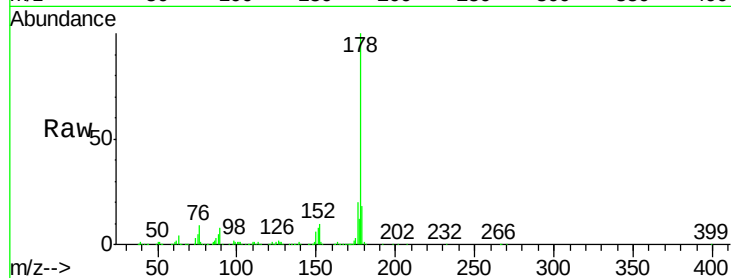




#71  
 Anthracene  
 Concen: 37.39 ng  
 RT: 17.61 min Scan# 2514  
 Delta R.T. -0.01 min  
 Lab File: BG024177.D  
 Acq: 1 Oct 2016 2:23

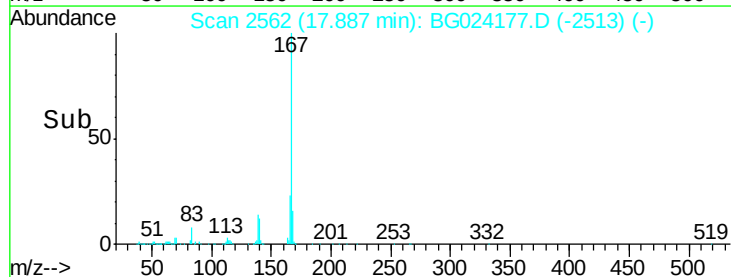
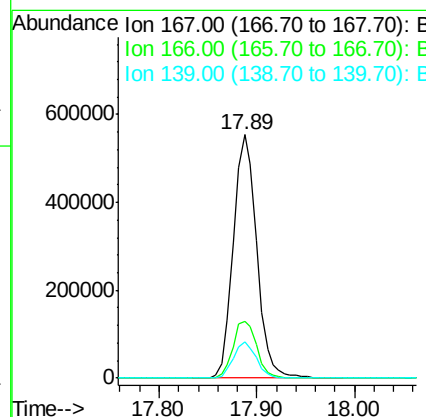
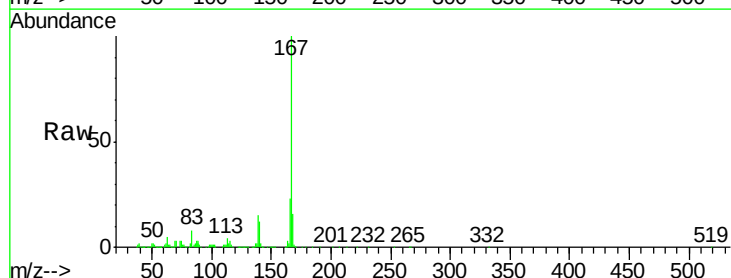
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:178 Resp: 982193  
 Ion Ratio Lower Upper  
 178 100  
 176 20.1 17.3 25.9  
 179 17.7 14.0 21.0

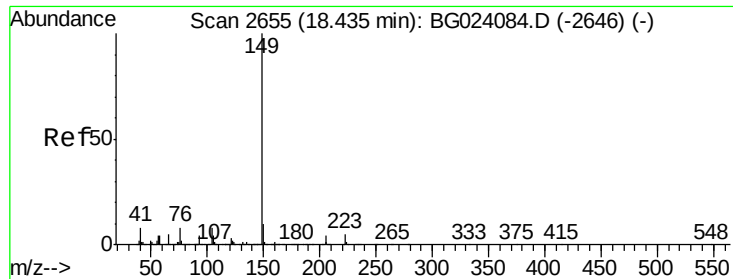


#72  
 Carbazole  
 Concen: 37.73 ng  
 RT: 17.89 min Scan# 2562  
 Delta R.T. -0.01 min  
 Lab File: BG024177.D  
 Acq: 1 Oct 2016 2:23

Tgt Ion:167 Resp: 922590  
 Ion Ratio Lower Upper  
 167 100  
 166 23.2 20.7 31.1  
 139 14.9 11.9 17.9







#73

Di-n-butylphthalate

Concen: 34.79 ng

RT: 18.42 min Scan# 2652

Delta R.T. -0.02 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

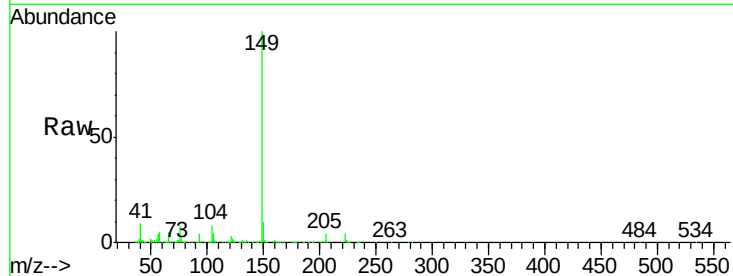
Tot Ion:149 Resp: 1113585

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 10.2  | 9.1   | 13.7  |
| 104 | 7.7   | 6.9   | 10.3  |

149 100

150 10.2 9.1 13.7

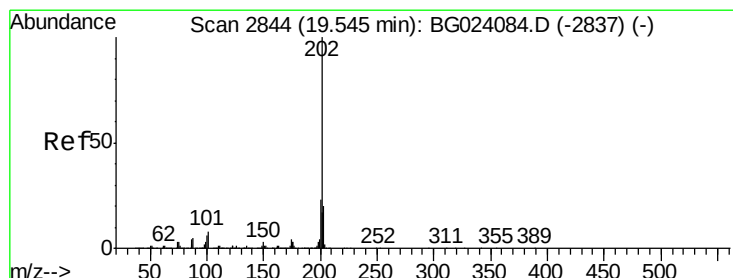
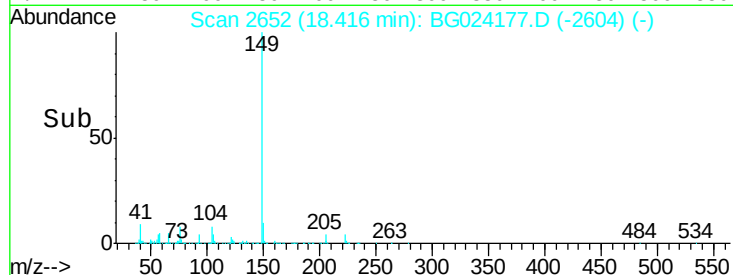
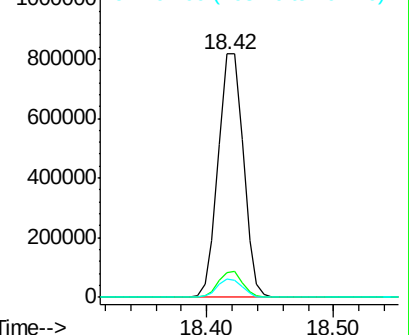
104 7.7 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.73 ng

RT: 19.53 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

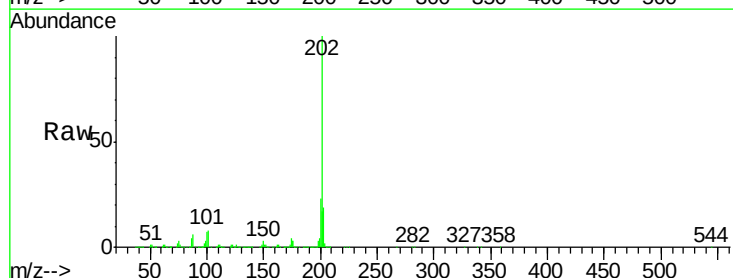
Tgt Ion:202 Resp: 1159425

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 8.0   | 0.0   | 27.4  |
| 203 | 19.2  | 1.7   | 41.7  |

202 100

101 8.0 0.0 27.4

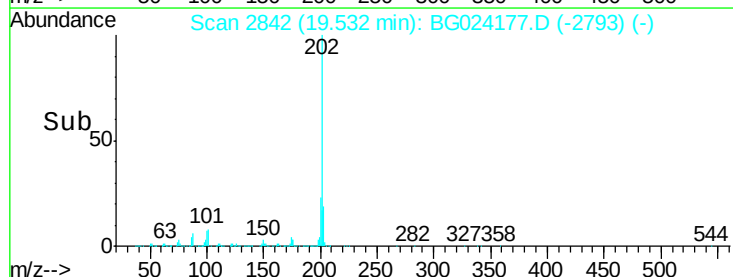
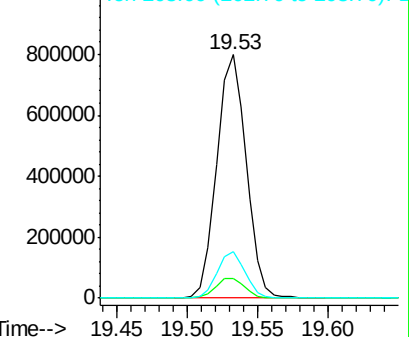
203 19.2 1.7 41.7

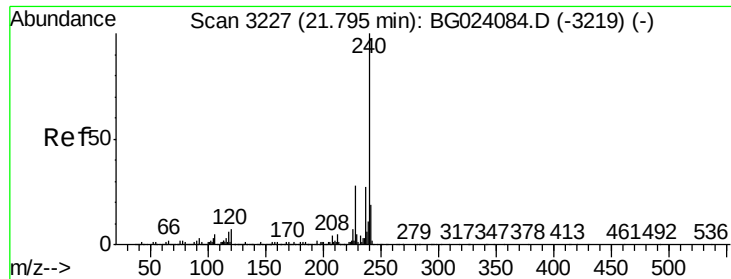


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.78 min Scan# 3224

Delta R.T. -0.02 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

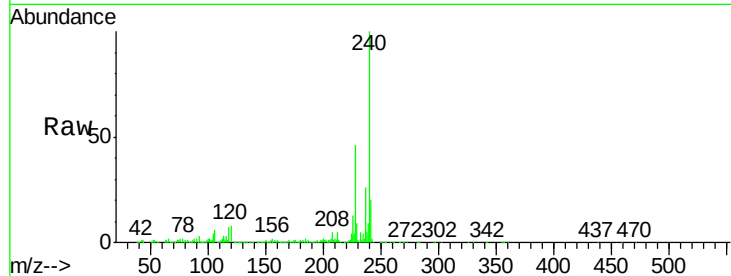
Tot Ion:240 Resp: 539708

Ion Ratio Lower Upper

240 100

120 7.7 4.1 6.1#

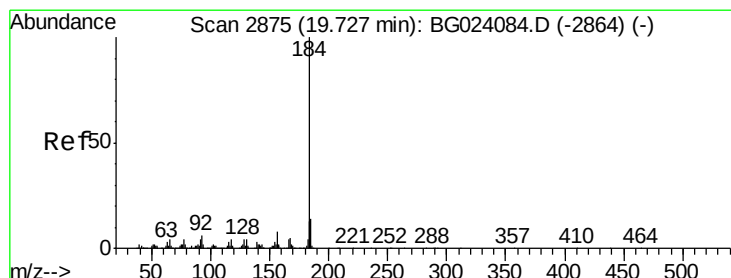
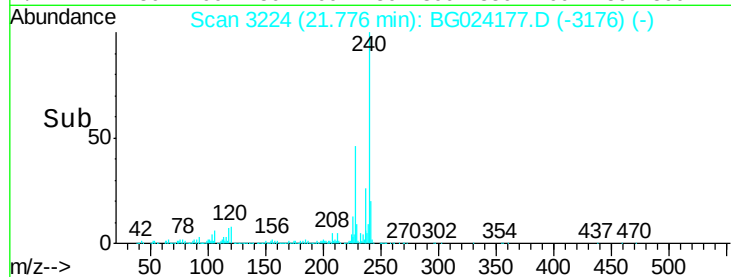
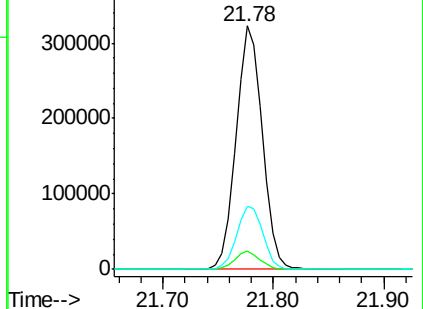
236 25.8 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.90 ng

RT: 19.71 min Scan# 2873

Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

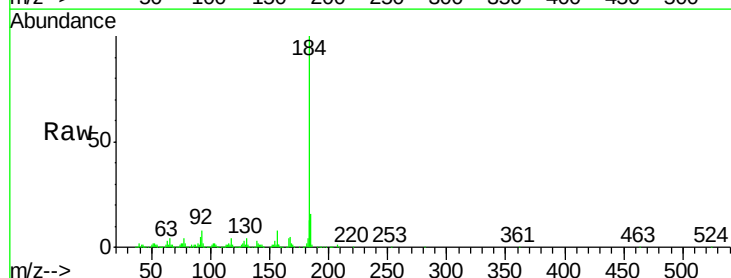
Tgt Ion:184 Resp: 426275

Ion Ratio Lower Upper

184 100

185 15.9 12.6 19.0

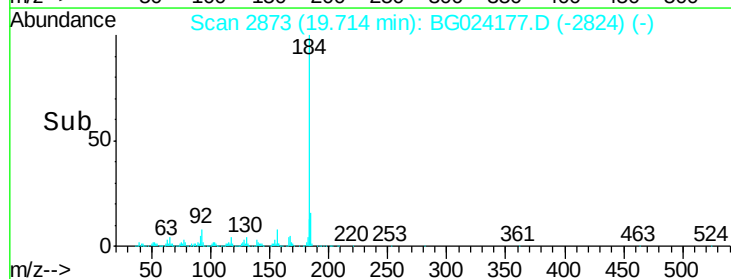
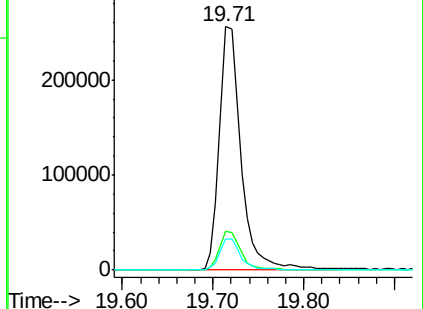
183 12.9 10.7 16.1

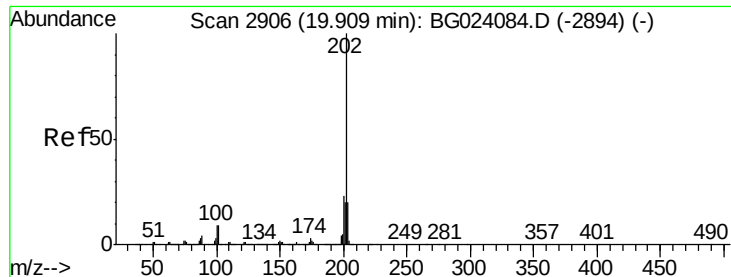


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 31.49 ng

RT: 19.90 min Scan# 2904

Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

Instrument :

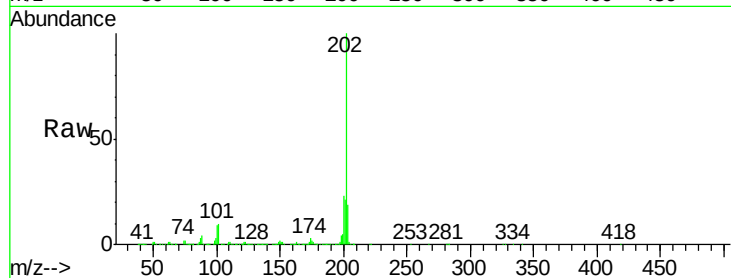
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1186539

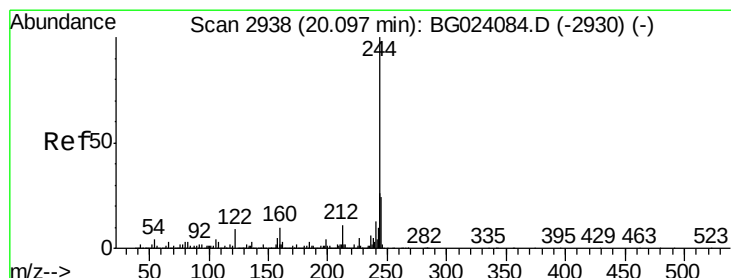
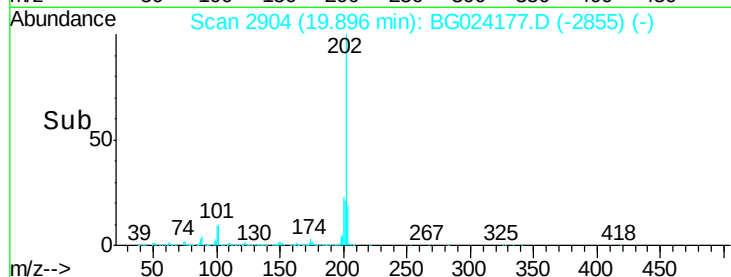
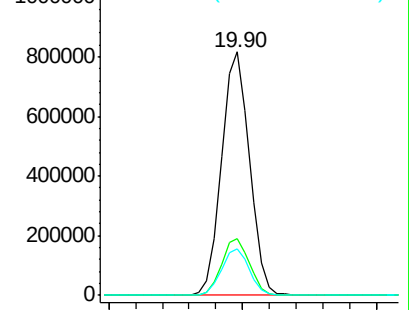
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 23.1  | 21.2  | 31.8  |
| 203 | 18.9  | 16.8  | 25.2  |



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 60.40 ng

RT: 20.08 min Scan# 2936

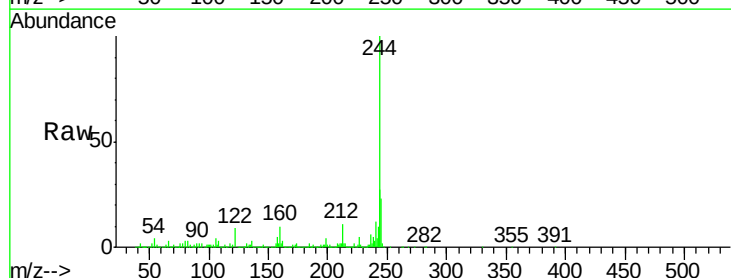
Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

Tgt Ion:244 Resp: 1592088

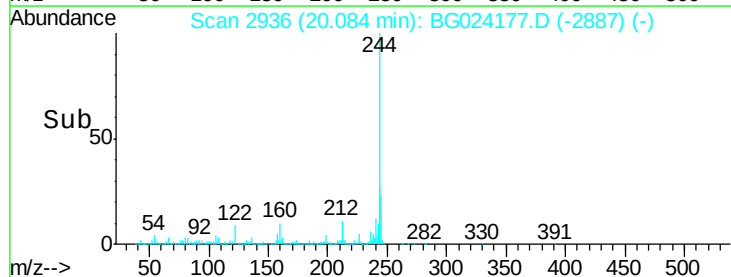
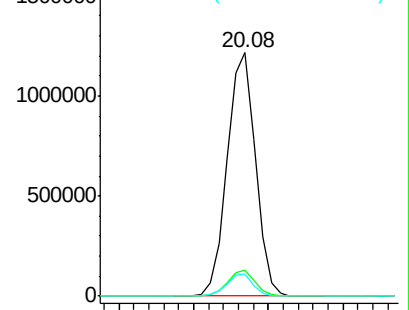
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 10.6  | 10.8  | 16.2# |
| 122 | 8.9   | 8.0   | 12.0  |

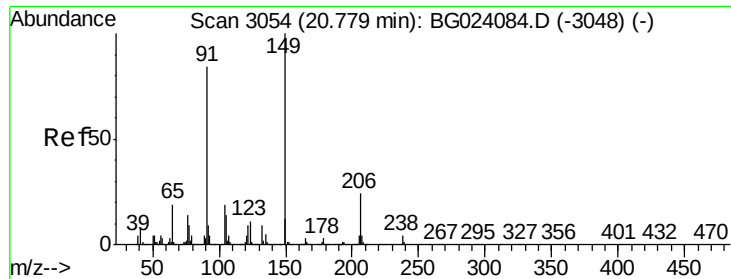


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 35.03 ng

RT: 20.77 min Scan# 3052

Delta R.T. -0.01 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

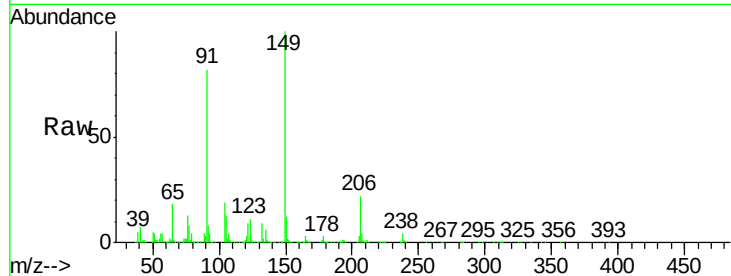
Tot Ion:149 Resp: 486060

Ion Ratio Lower Upper

149 100

91 81.7 68.1 102.1

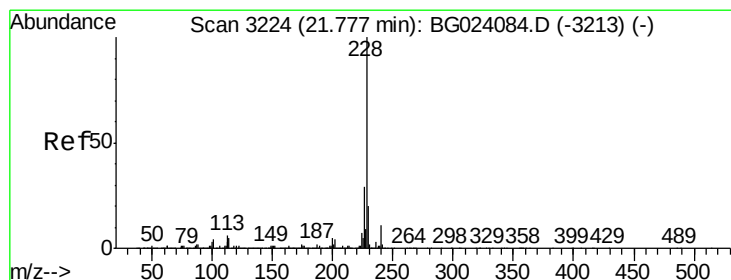
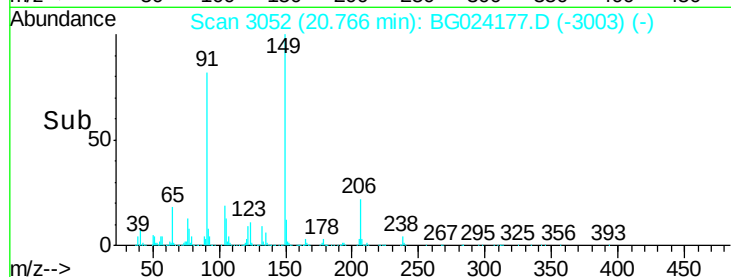
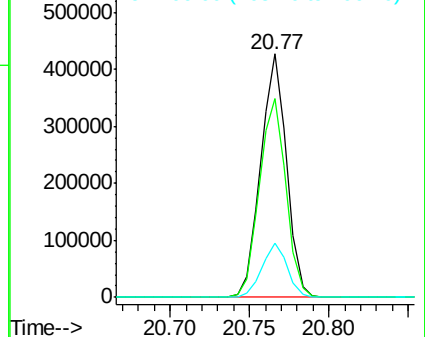
206 22.2 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 36.63 ng

RT: 21.76 min Scan# 3221

Delta R.T. -0.02 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

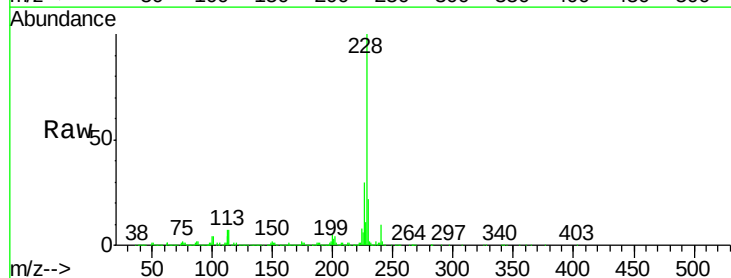
Tgt Ion:228 Resp: 1125570

Ion Ratio Lower Upper

228 100

226 30.0 25.3 37.9

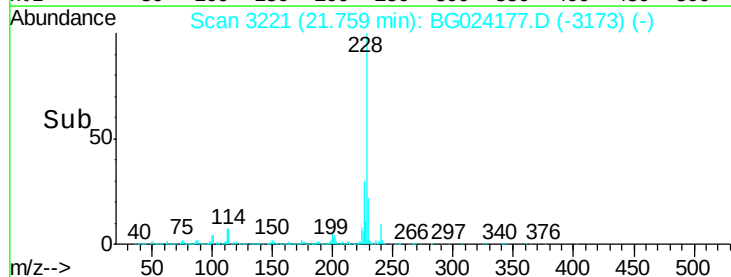
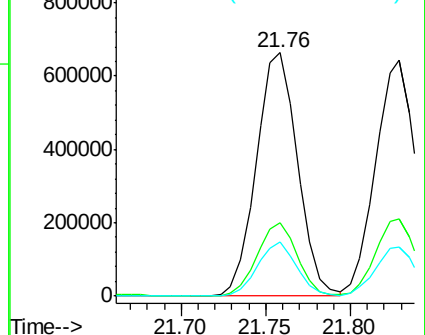
229 22.2 19.9 29.9

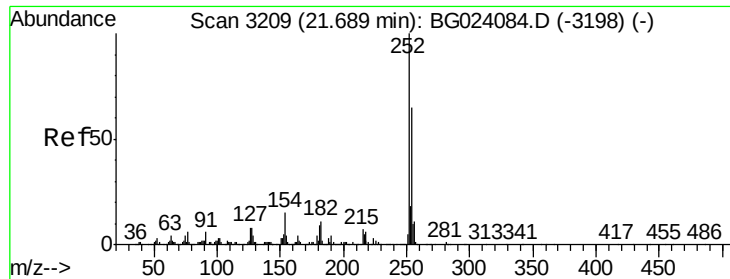


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

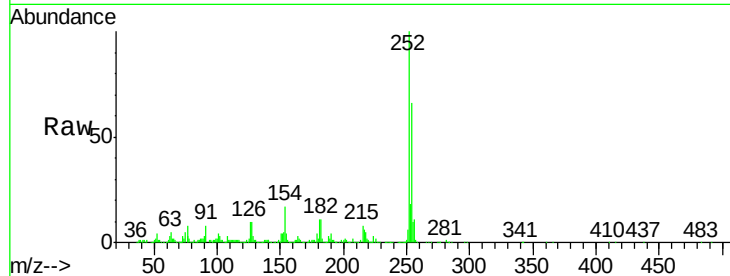




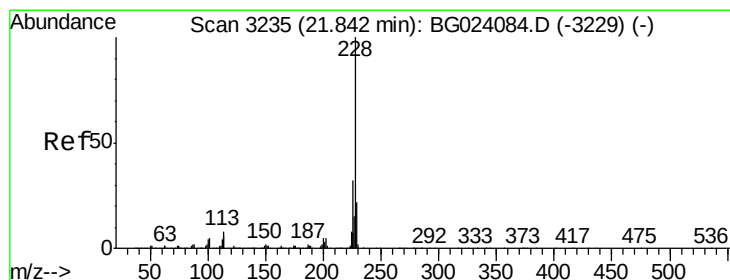
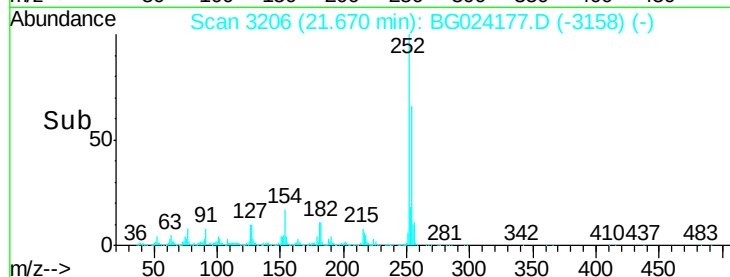
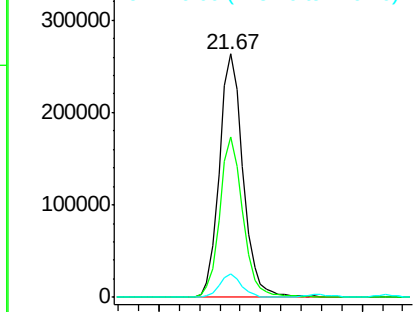
#81  
 3,3'-Dichlorobenzidine  
 Concen: 38.82 ng  
 RT: 21.67 min Scan# 3206  
 Delta R.T. -0.02 min  
 Lab File: BG024177.D  
 Acq: 1 Oct 2016 2:23

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:252 Resp: 427545  
 Ion Ratio Lower Upper  
 252 100  
 254 66.1 51.2 76.8  
 126 9.6 5.3 7.9#

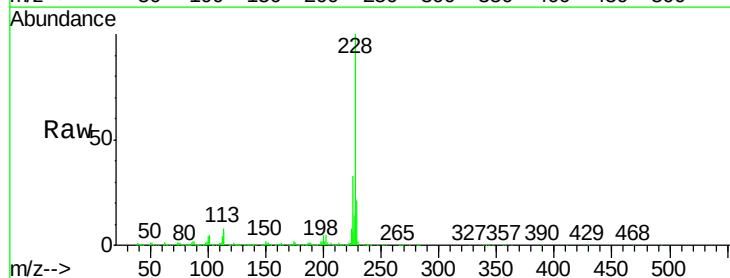


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

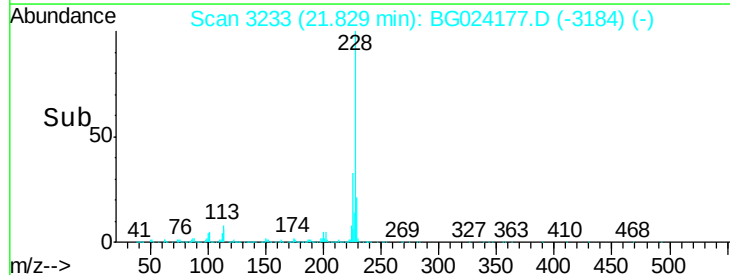
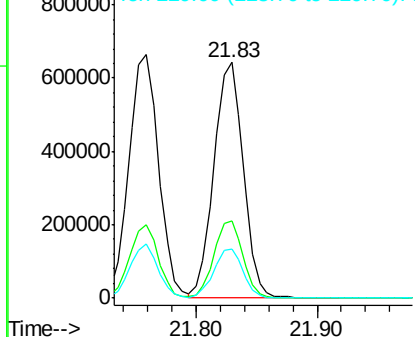


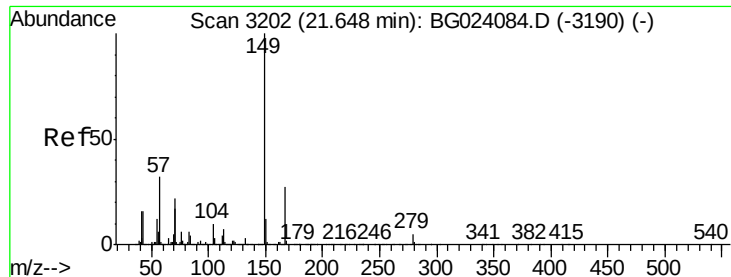
#82  
 Chrysene  
 Concen: 37.35 ng  
 RT: 21.83 min Scan# 3233  
 Delta R.T. -0.01 min  
 Lab File: BG024177.D  
 Acq: 1 Oct 2016 2:23

Tgt Ion:228 Resp: 1078788  
 Ion Ratio Lower Upper  
 228 100  
 226 33.0 26.7 40.1  
 229 20.9 17.4 26.2



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

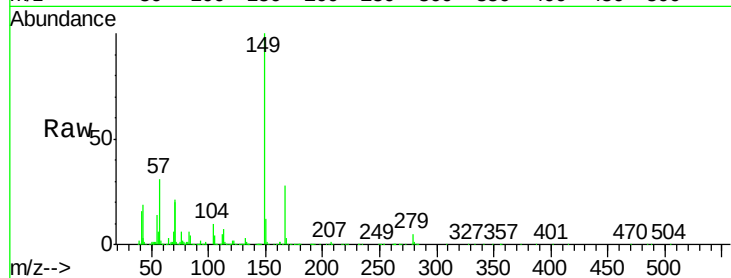




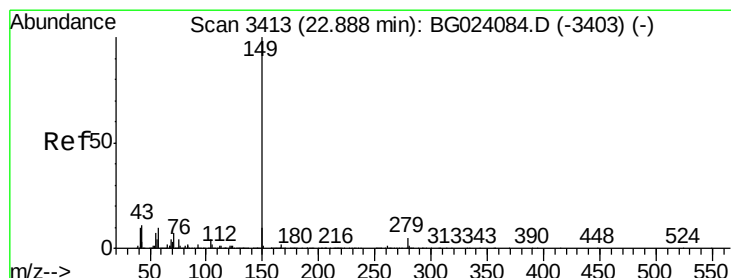
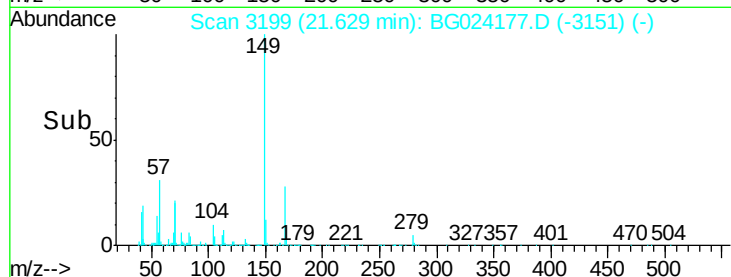
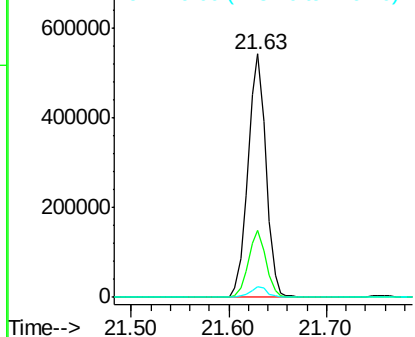
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 41.91 ng  
 RT: 21.63 min Scan# 3199  
 Delta R.T. -0.02 min  
 Lab File: BG024177.D  
 Acq: 1 Oct 2016 2:23

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:149 Resp: 694850  
 Ion Ratio Lower Upper  
 149 100  
 167 27.6 24.0 36.0  
 279 4.6 4.8 7.2#

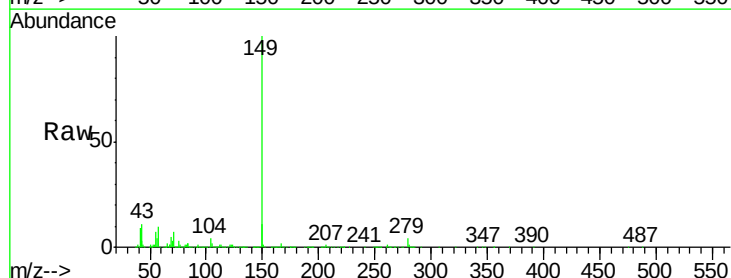


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

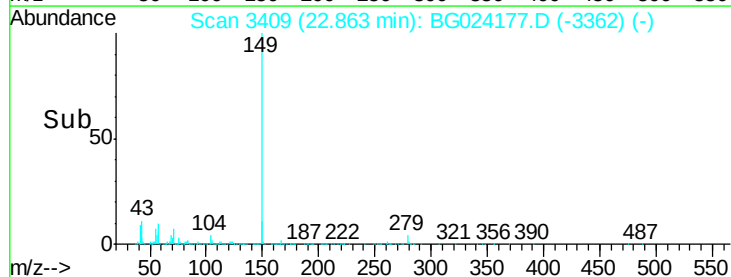
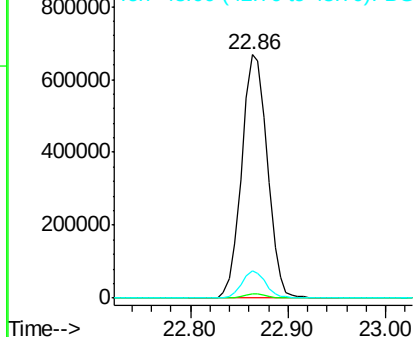


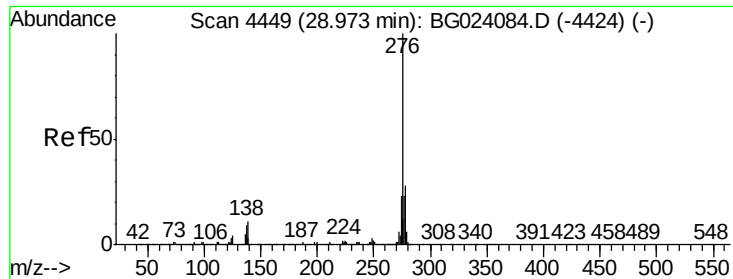
#84  
 Di-n-octyl phthalate  
 Concen: 42.75 ng  
 RT: 22.86 min Scan# 3409  
 Delta R.T. -0.02 min  
 Lab File: BG024177.D  
 Acq: 1 Oct 2016 2:23

Tgt Ion:149 Resp: 1223027  
 Ion Ratio Lower Upper  
 149 100  
 167 1.7 1.5 2.3  
 43 10.5 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 43.00 (42.70 to 43.70): BG

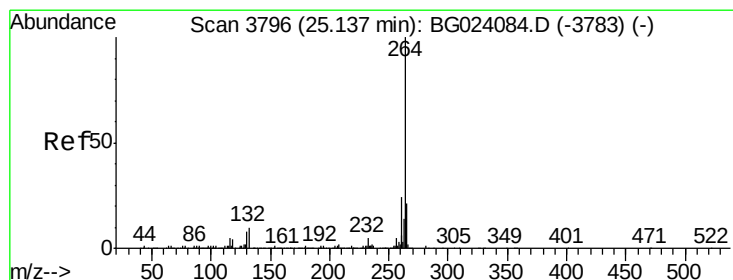
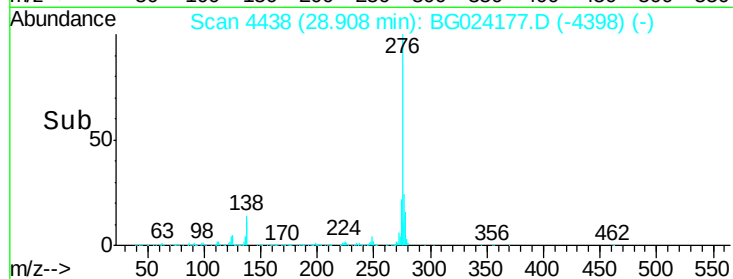
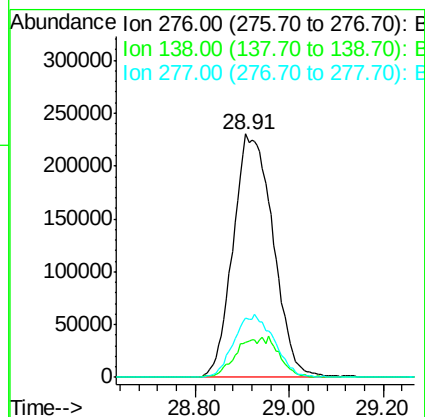
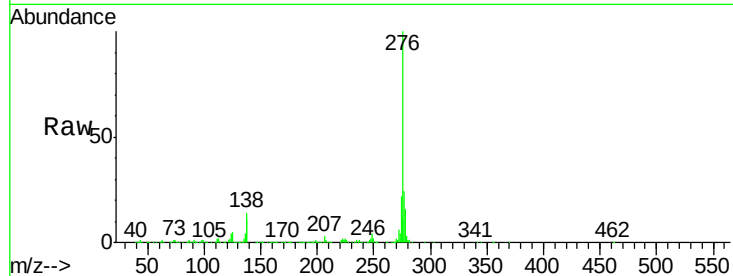




#85  
Indeno(1,2,3-cd)pyrene  
Concen: 42.18 ng  
RT: 28.91 min Scan# 4438  
Delta R.T. -0.07 min  
Lab File: BG024177.D  
Acq: 1 Oct 2016 2:23

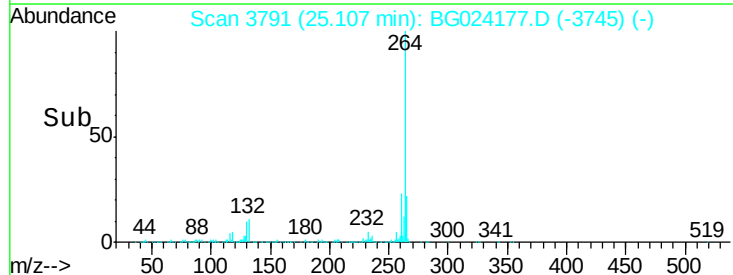
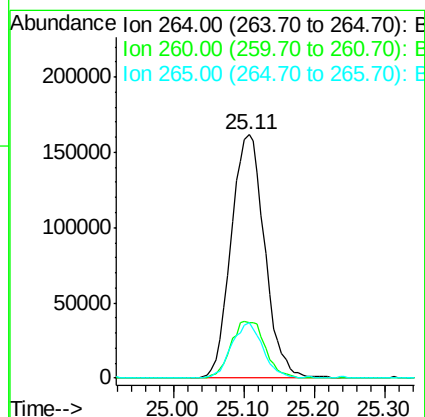
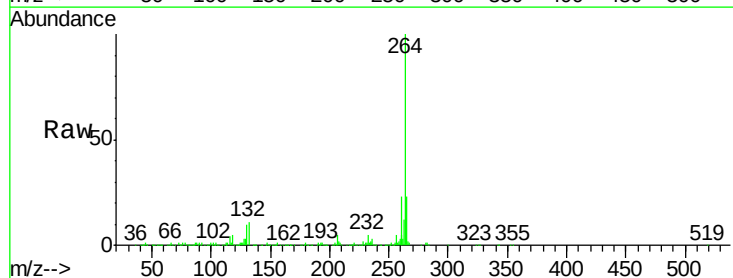
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

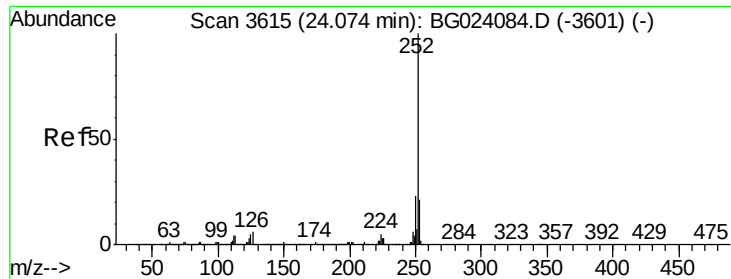
Tot Ion:276 Resp: 1358306  
Ion Ratio Lower Upper  
276 100  
138 9.1 0.0 0.0#  
277 25.8 0.0 0.0#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.11 min Scan# 3791  
Delta R.T. -0.03 min  
Lab File: BG024177.D  
Acq: 1 Oct 2016 2:23

Tgt Ion:264 Resp: 532015  
Ion Ratio Lower Upper  
264 100  
260 22.6 18.4 27.6  
265 22.5 18.9 28.3

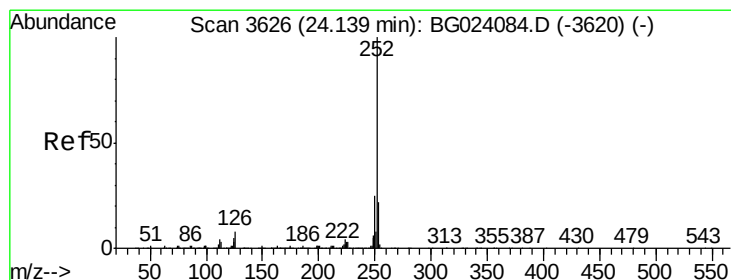
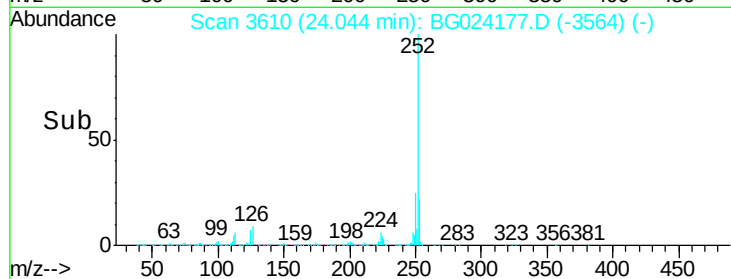
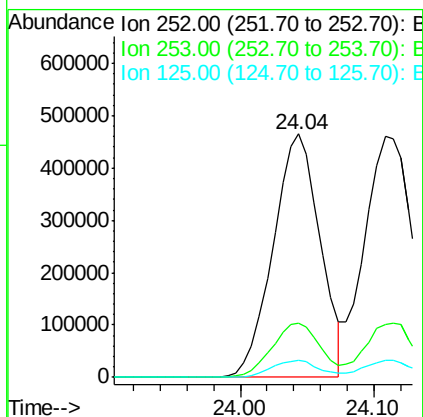
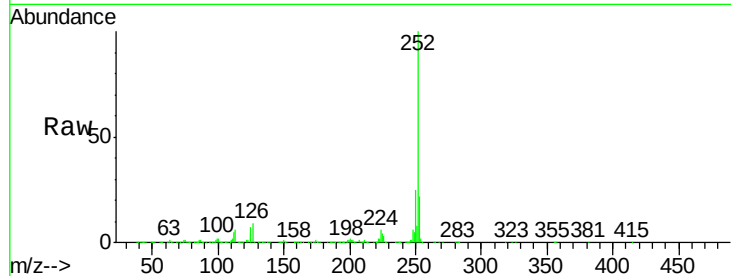




#87  
Benzo(b)fluoranthene  
Concen: 36.56 ng  
RT: 24.04 min Scan# 3610  
Delta R.T. -0.03 min  
Lab File: BG024177.D  
Acq: 1 Oct 2016 2:23

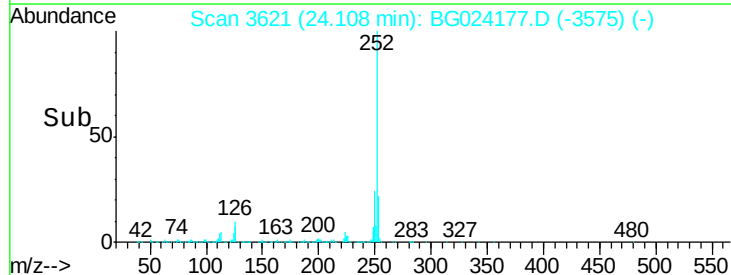
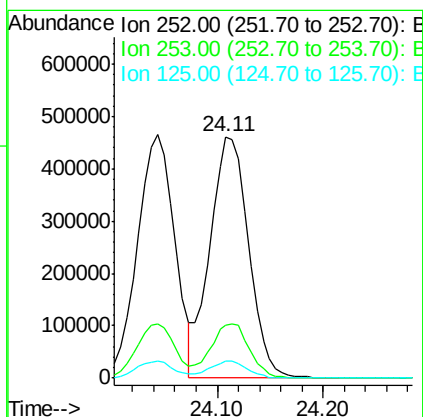
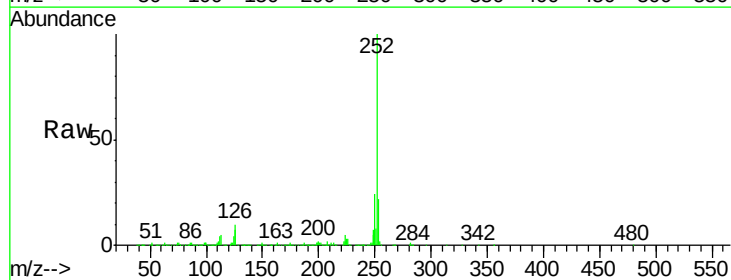
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:252 Resp: 1131681  
Ion Ratio Lower Upper  
252 100  
253 22.0 18.9 28.3  
125 7.0 3.9 5.9#

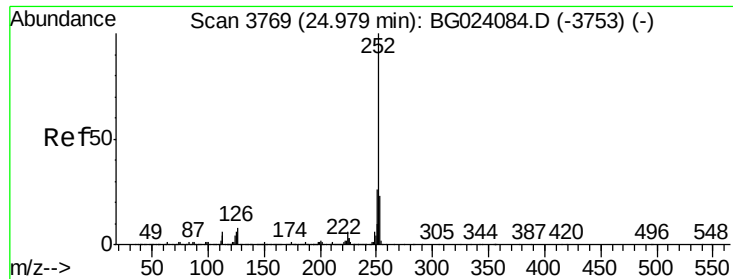


#88  
Benzo(k)fluoranthene  
Concen: 38.10 ng  
RT: 24.11 min Scan# 3621  
Delta R.T. -0.03 min  
Lab File: BG024177.D  
Acq: 1 Oct 2016 2:23

Tgt Ion:252 Resp: 1171056  
Ion Ratio Lower Upper  
252 100  
253 22.2 18.8 28.2  
125 7.2 3.2 4.8#







#89

Benzo(a)pyrene

Concen: 37.30 ng

RT: 24.95 min Scan# 3764

Delta R.T. -0.03 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

Instrument :

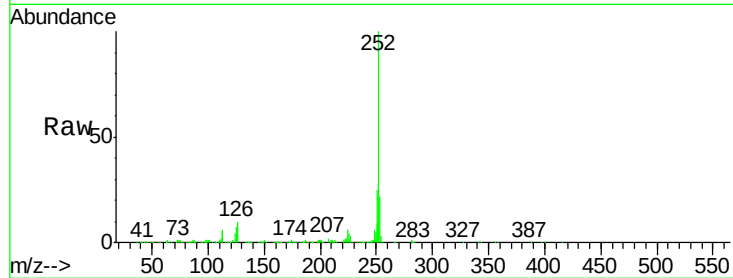
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1116084

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.3  | 18.7  | 28.1  |
| 125 | 7.5   | 3.9   | 5.9   |

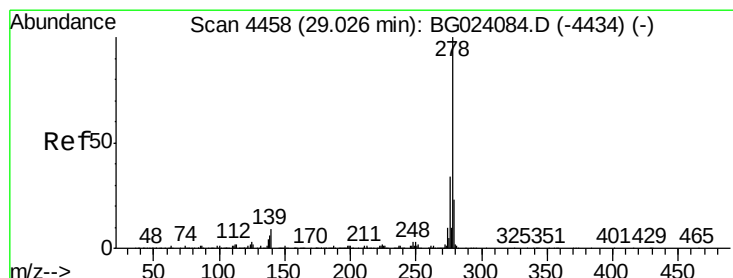
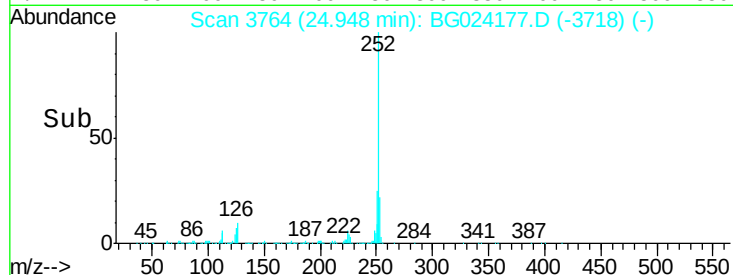
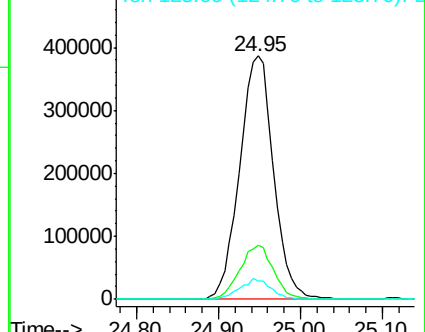


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.74 ng

RT: 28.96 min Scan# 4447

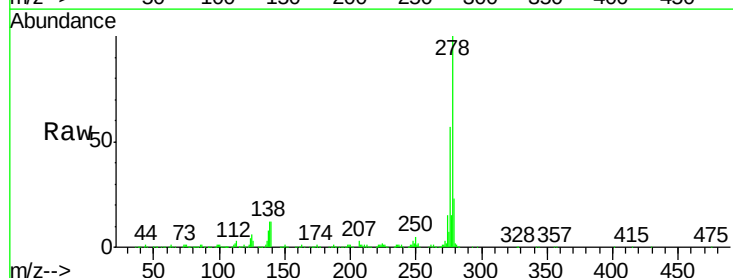
Delta R.T. -0.07 min

Lab File: BG024177.D

Acq: 1 Oct 2016 2:23

Tgt Ion:278 Resp: 1097674

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 12.2  | 4.7   | 7.1   |
| 279 | 23.0  | 18.3  | 27.5  |

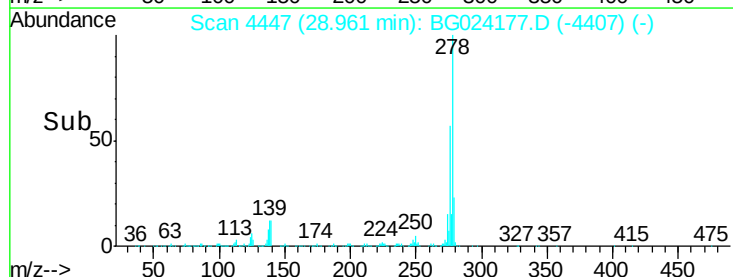
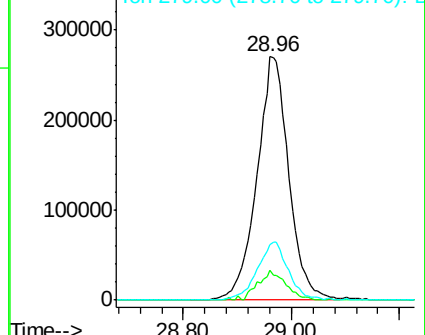


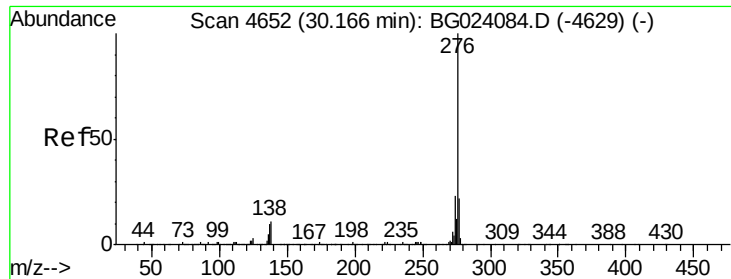
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91  
 Benzo(a,h,i)perylene  
 Concen: 37.37 ng  
 RT: 30.11 min Scan# 4642  
 Delta R.T. -0.06 min  
 Lab File: BG024177.D  
 Acq: 1 Oct 2016 2:23

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:276 Resp: 1124811  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 22.8  | 18.6  | 27.8  |
| 138 | 13.3  | 6.8   | 10.2  |

