

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG021717\  
 Data File : BG025857.D  
 Acq On : 17 Feb 2017 13:39  
 Operator : SJ/MA  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

Quant Time: Feb 17 14:23:34 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG021717.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 17 13:45:19 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.09  | 152  | 110646   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.89 | 136  | 560290   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.69 | 164  | 400732   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.42 | 188  | 804180   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.68 | 240  | 777472   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.88 | 264  | 776449   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.65  | 112 | 636853  | 103.15 | ng | 0.00 |
| 7) Phenol-d6             | 7.24  | 99  | 946314  | 104.95 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.24  | 82  | 910315  | 68.65  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.17 | 330 | 368949  | 64.56  | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.32 | 172 | 2185971 | 88.59  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.02 | 244 | 2945512 | 91.44  | ng | 0.00 |

## Target Compounds

|                                |       |     |         |       |    | Qvalue |
|--------------------------------|-------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.56  | 88  | 141829  | 50.67 | ng | # 85   |
| 3) Pyridine                    | 3.95  | 79  | 436634  | 57.49 | ng | # 77   |
| 4) n-Nitrosodimethylamine      | 3.86  | 42  | 155547  | 35.60 | ng | # 40   |
| 6) Aniline                     | 7.41  | 93  | 652339  | 51.35 | ng | # 93   |
| 8) 2-Chlorophenol              | 7.65  | 128 | 376309  | 53.69 | ng | 91     |
| 9) Benzaldehyde                | 7.22  | 77  | 267476  | 34.97 | ng | # 73   |
| 10) Phenol                     | 7.27  | 94  | 509864  | 50.31 | ng | # 75   |
| 11) bis(2-Chloroethyl)ether    | 7.50  | 93  | 411840  | 51.40 | ng | 91     |
| 12) 1,3-Dichlorobenzene        | 7.98  | 146 | 426342  | 49.75 | ng | # 90   |
| 13) 1,4-Dichlorobenzene        | 8.13  | 146 | 434793  | 49.90 | ng | 95     |
| 14) 1,2-Dichlorobenzene        | 8.44  | 146 | 425660  | 50.99 | ng | 91     |
| 15) Benzyl Alcohol             | 8.32  | 79  | 352987  | 45.27 | ng | # 80   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.61  | 45  | 603681  | 37.31 | ng | 93     |
| 17) 2-Methylphenol             | 8.52  | 107 | 375757  | 54.28 | ng | # 84   |
| 18) Hexachloroethane           | 9.18  | 117 | 144678  | 40.78 | ng | 86     |
| 19) n-Nitroso-di-n-propylamine | 8.89  | 70  | 350980  | 44.11 | ng | # 83   |
| 20) 3+4-Methylphenols          | 8.84  | 107 | 536728  | 56.81 | ng | 88     |
| 22) Acetophenone               | 8.91  | 105 | 673041  | 43.87 | ng | # 81   |
| 24) Nitrobenzene               | 9.29  | 77  | 487666  | 33.68 | ng | # 79   |
| 25) Isophorone                 | 9.81  | 82  | 991896  | 38.39 | ng | # 92   |
| 26) 2-Nitrophenol              | 10.00 | 139 | 239514  | 46.69 | ng | # 71   |
| 27) 2,4-Dimethylphenol         | 10.05 | 122 | 419872  | 46.99 | ng | 88     |
| 28) bis(2-Chloroethoxy)methane | 10.29 | 93  | 618203  | 45.20 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.53 | 162 | 410228  | 44.74 | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 10.75 | 180 | 428457  | 40.17 | ng | 99     |
| 31) Naphthalene                | 10.94 | 128 | 1410259 | 48.49 | ng | 100    |
| 32) Benzoic acid               | 10.18 | 122 | 332881  | 65.32 | ng | # 74   |
| 33) 4-Chloroaniline            | 11.04 | 127 | 629368  | 52.06 | ng | # 86   |
| 34) Hexachlorobutadiene        | 11.23 | 225 | 243311  | 28.04 | ng | 97     |
| 35) Caprolactam                | 11.81 | 113 | 167214  | 42.79 | ng | # 81   |
| 36) 4-Chloro-3-methylphenol    | 12.15 | 107 | 484617  | 43.38 | ng | # 81   |
| 37) 2-Methylnaphthalene        | 12.53 | 142 | 1091972 | 48.62 | ng | # 93   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.90 | 216 | 492203  | 36.68 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 12.89 | 237 | 281199  | 71.80 | ng | 98     |

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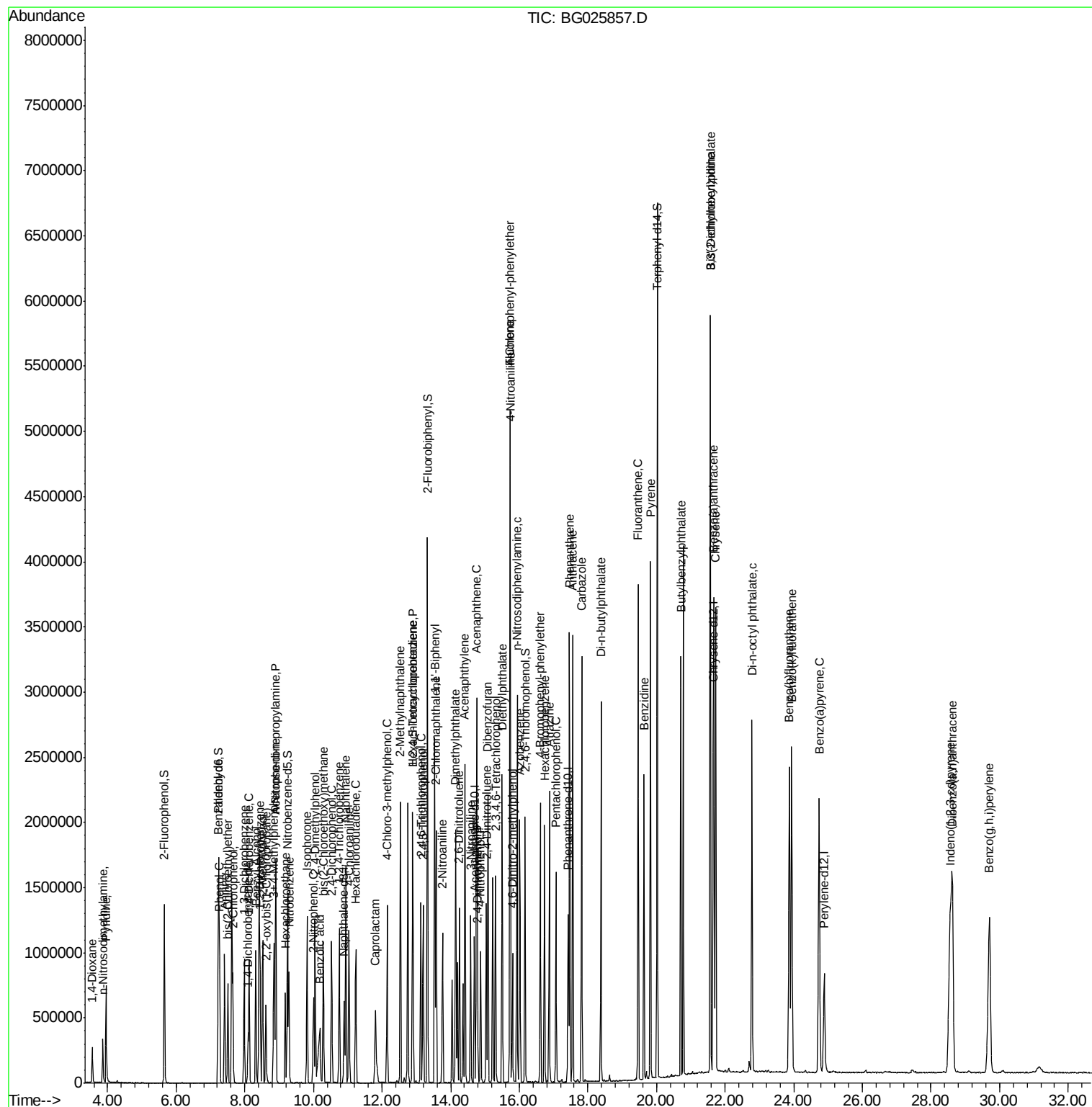
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.13 | 196  | 327812   | 41.73 | ng    | 96       |
| 43) 2,4,5-Trichlorophenol      | 13.20 | 196  | 371864   | 43.84 | ng    | 93       |
| 45) 1,1'-Biphenyl              | 13.53 | 154  | 1408787  | 50.53 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 13.57 | 162  | 1025955  | 46.86 | ng    | 98       |
| 47) 2-Nitroaniline             | 13.76 | 65   | 353123   | 37.48 | ng    | # 74     |
| 48) Acenaphthylene             | 14.41 | 152  | 1828514  | 50.21 | ng    | 99       |
| 49) Dimethylphthalate          | 14.14 | 163  | 1329622  | 44.06 | ng    | 98       |
| 50) 2,6-Dinitrotoluene         | 14.26 | 165  | 322372   | 47.18 | ng    | # 70     |
| 51) Acenaphthene               | 14.75 | 154  | 1209677  | 53.75 | ng    | 99       |
| 52) 3-Nitroaniline             | 14.58 | 138  | 355955   | 55.24 | ng    | # 73     |
| 53) 2,4-Dinitrophenol          | 14.78 | 184  | 167685   | 52.51 | ng    | 94       |
| 54) Dibenzofuran               | 15.09 | 168  | 1574144  | 46.29 | ng    | 92       |
| 55) 4-Nitrophenol              | 14.87 | 139  | 296289   | 68.68 | ng    | # 48     |
| 56) 2,4-Dinitrotoluene         | 15.04 | 165  | 436868   | 43.69 | ng    | # 80     |
| 57) Fluorene                   | 15.74 | 166  | 1393683  | 46.13 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.31 | 232  | 329424   | 41.56 | ng    | 97       |
| 59) Diethylphthalate           | 15.50 | 149  | 1377119  | 43.05 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.72 | 204  | 649492   | 39.66 | ng    | 94       |
| 61) 4-Nitroaniline             | 15.74 | 138  | 362677   | 56.05 | ng    | # 54     |
| 62) Azobenzene                 | 16.01 | 77   | 1187478  | 36.48 | ng    | 88       |
| 64) 4,6-Dinitro-2-methylphenol | 15.80 | 198  | 245490   | 42.96 | ng    | 93       |
| 65) n-Nitrosodiphenylamine     | 15.94 | 169  | 1213767  | 52.58 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.61 | 248  | 421711   | 43.12 | ng    | 95       |
| 67) Hexachlorobenzene          | 16.73 | 284  | 426773   | 38.80 | ng    | 97       |
| 68) Atrazine                   | 16.88 | 200  | 429135   | 37.66 | ng    | 96       |
| 69) Pentachlorophenol          | 17.07 | 266  | 282964   | 58.55 | ng    | 97       |
| 70) Phenanthrene               | 17.46 | 178  | 2089549  | 47.82 | ng    | 98       |
| 71) Anthracene                 | 17.56 | 178  | 2167063  | 48.09 | ng    | 98       |
| 72) Carbazole                  | 17.82 | 167  | 2143372  | 49.11 | ng    | 98       |
| 73) Di-n-butylphthalate        | 18.38 | 149  | 2196219  | 43.49 | ng    | # 94     |
| 74) Fluoranthene               | 19.46 | 202  | 2297429  | 38.36 | ng    | 94       |
| 76) Benzidine                  | 19.63 | 184  | 1243843  | 46.59 | ng    | 99       |
| 77) Pyrene                     | 19.83 | 202  | 2355061  | 54.38 | ng    | 99       |
| 79) Butylbenzylphthalate       | 20.71 | 149  | 971890   | 54.05 | ng    | 89       |
| 80) Benzo(a)anthracene         | 21.66 | 228  | 2207383  | 47.94 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.57 | 252  | 816109   | 45.16 | ng    | # 98     |
| 82) Chrysene                   | 21.72 | 228  | 2125233  | 48.83 | ng    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 21.57 | 149  | 1403098  | 56.03 | ng    | 98       |
| 84) Di-n-octyl phthalate       | 22.78 | 149  | 2367603  | 58.20 | ng    | # 88     |
| 85) Indeno(1,2,3-cd)pyrene     | 28.56 | 276  | 2620603  | 49.39 | ng    | # 87     |
| 87) Benzo(b)fluoranthene       | 23.87 | 252  | 2286926  | 50.96 | ng    | # 97     |
| 88) Benzo(k)fluoranthene       | 23.94 | 252  | 2267189  | 51.62 | ng    | # 94     |
| 89) Benzo(a)pyrene             | 24.74 | 252  | 2186400  | 51.22 | ng    | # 95     |
| 90) Dibenzo(a,h)anthracene     | 28.62 | 278  | 2195595  | 49.74 | ng    | # 92     |
| 91) Benzo(g,h,i)perylene       | 29.71 | 276  | 2211108  | 50.41 | ng    | # 88     |

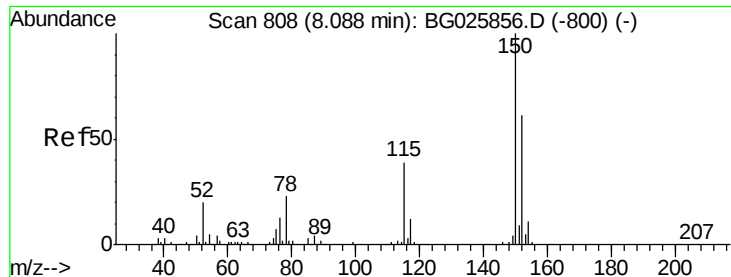
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 809

Delta R.T. 0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

Instrument :

BNA\_G

ClientSampleId :

SSTDIC050

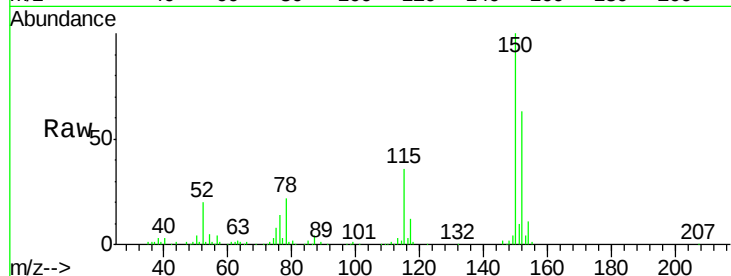
Tgt Ion:152 Resp: 110646

Ion Ratio Lower Upper

152 100

150 157.6 114.0 171.0

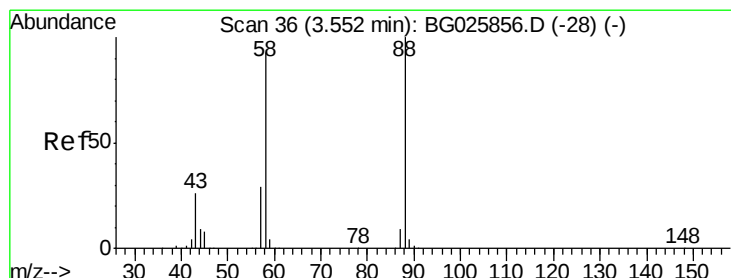
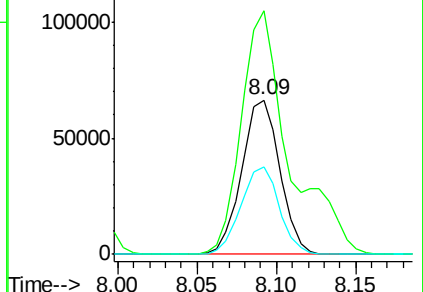
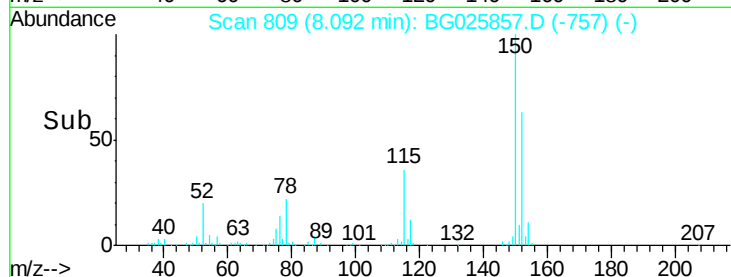
115 56.2 48.1 72.1



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: 50.67 ng

RT: 3.56 min Scan# 37

Delta R.T. 0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

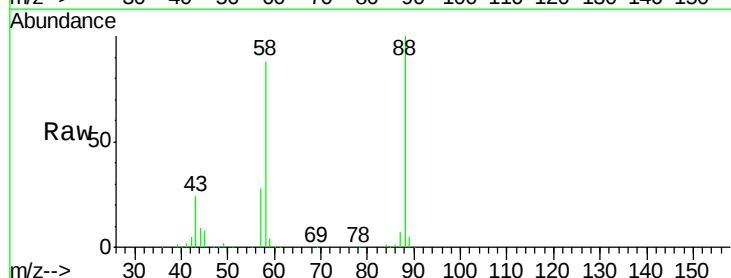
Tgt Ion: 88 Resp: 141829

Ion Ratio Lower Upper

88 100

58 90.0 79.4 119.2

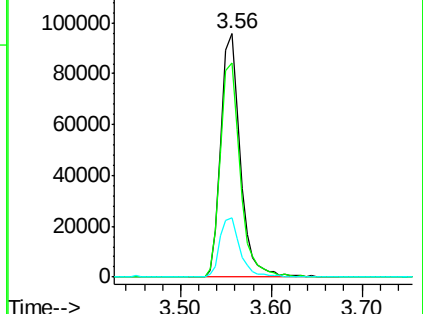
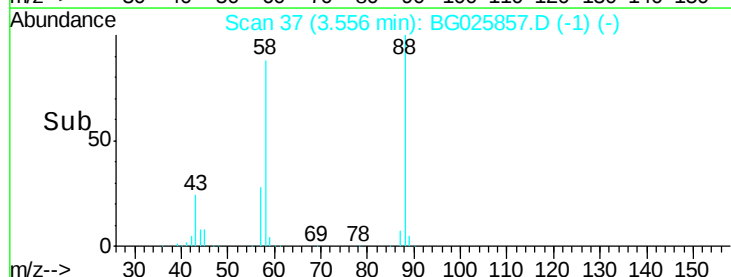
43 25.0 33.8 50.6#

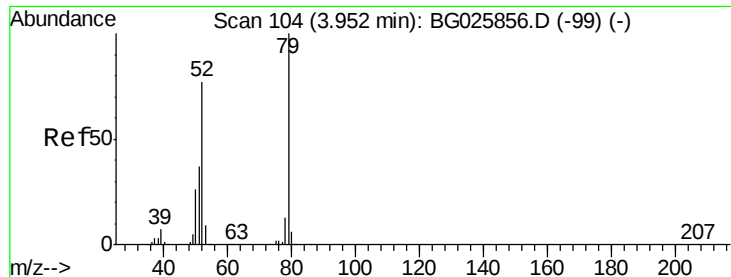


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 57.49 ng

RT: 3.95 min Scan# 104

Delta R.T. -0.00 min

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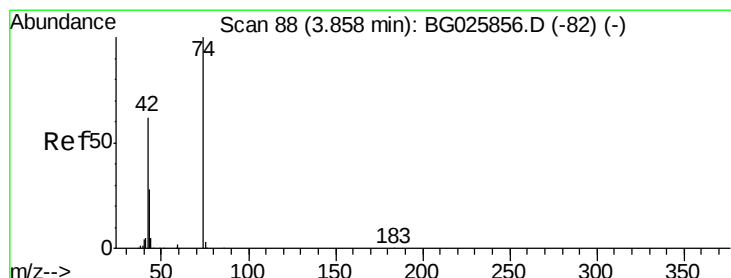
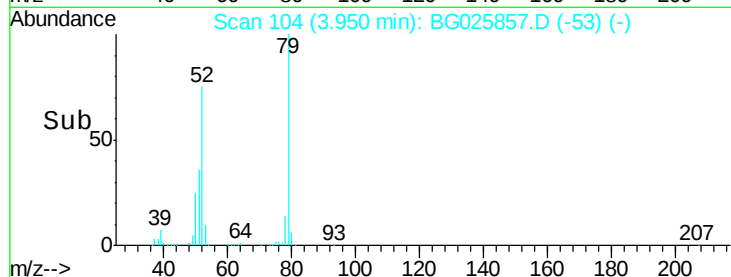
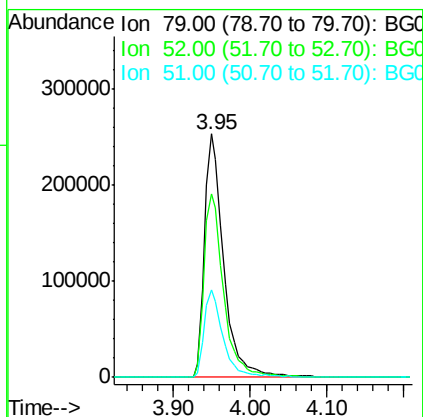
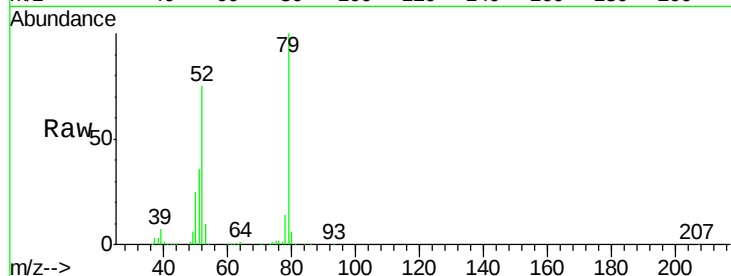
Tgt Ion: 79 Resp: 436634

Ion Ratio Lower Upper

79 100

52 75.3 77.8 116.6#

51 36.0 43.2 64.8#



#4

n-Nitrosodimethylamine

Concen: 35.60 ng

RT: 3.86 min Scan# 89

Delta R.T. 0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

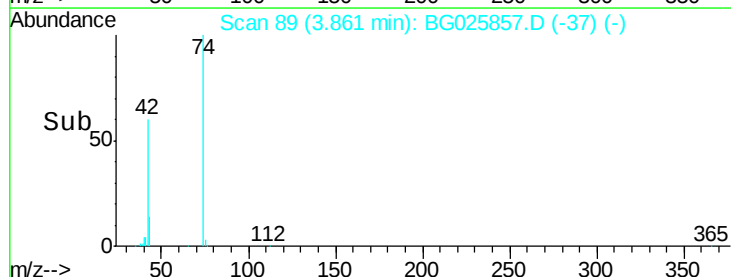
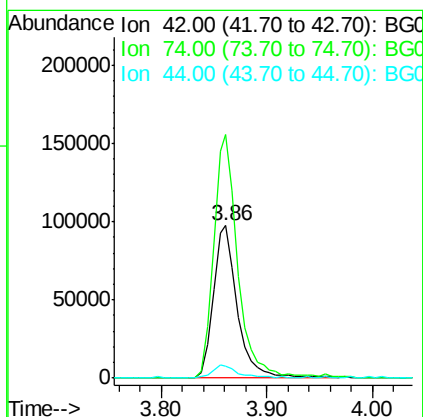
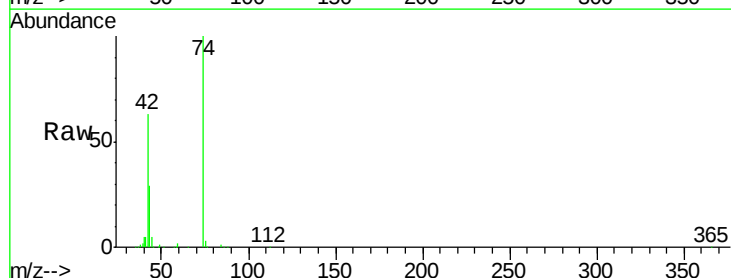
Tgt Ion: 42 Resp: 155547

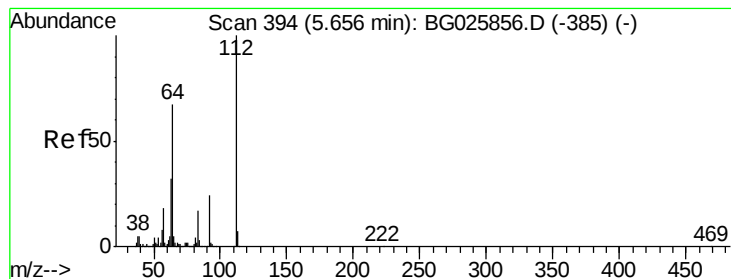
Ion Ratio Lower Upper

42 100

74 159.5 76.7 115.1#

44 7.4 6.1 9.1





#5

2-Fluorophenol

Concen: 103.15 ng

RT: 5.65 min Scan# 394

Delta R.T. -0.00 min

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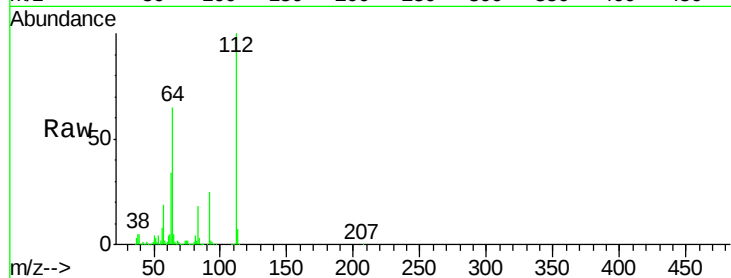
Tgt Ion: 112 Resp: 636853

Ion Ratio Lower Upper

112 100

64 65.3 61.8 92.6

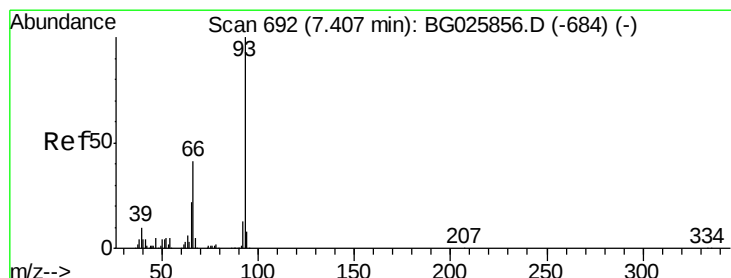
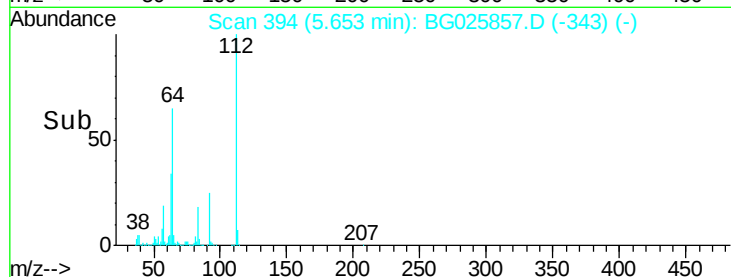
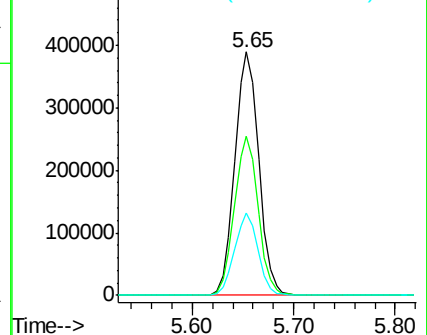
63 33.8 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 51.35 ng

RT: 7.41 min Scan# 693

Delta R.T. 0.00 min

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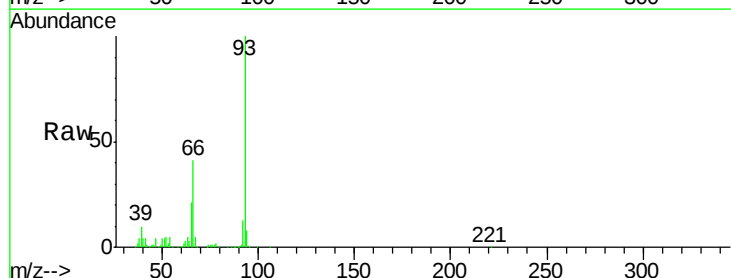
Tgt Ion: 93 Resp: 652339

Ion Ratio Lower Upper

93 100

66 41.0 35.4 53.2

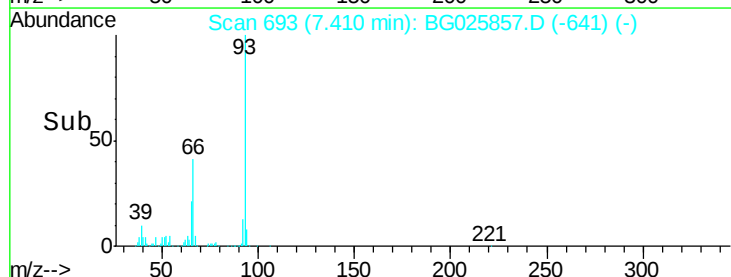
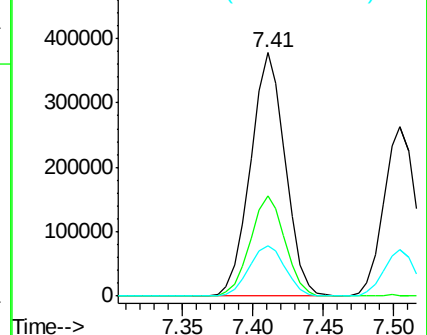
65 20.7 21.2 31.8#

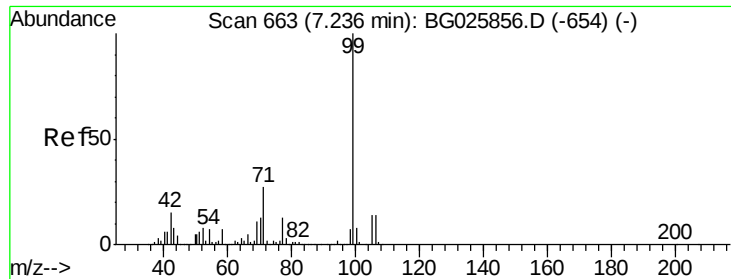


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 104.95 ng

RT: 7.24 min Scan# 664

Delta R.T. 0.00 min

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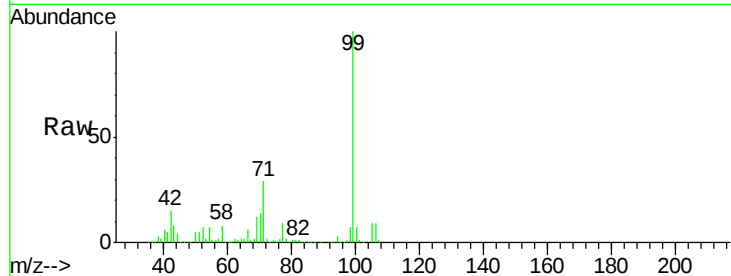
Tgt Ion: 99 Resp: 946314

Ion Ratio Lower Upper

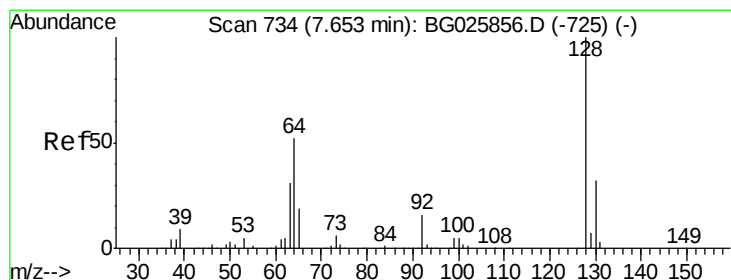
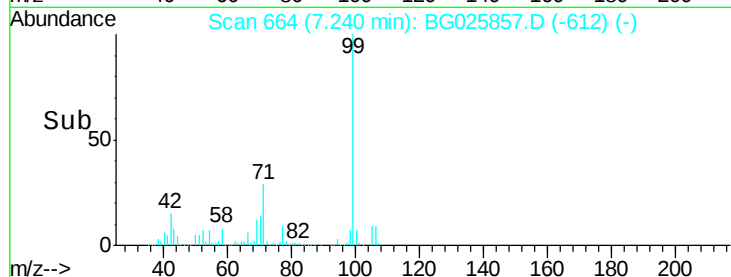
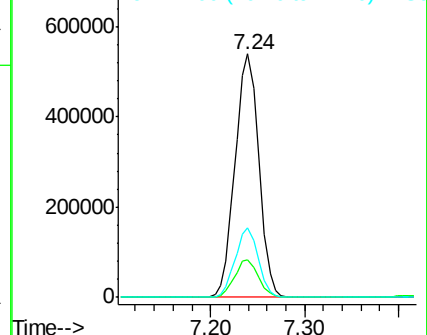
99 100

42 15.2 20.5 30.7#

71 28.6 37.6 56.4#



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: 53.69 ng

RT: 7.65 min Scan# 734

Delta R.T. -0.00 min

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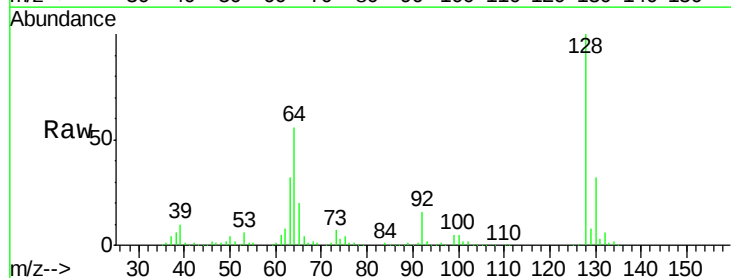
Tgt Ion: 128 Resp: 376309

Ion Ratio Lower Upper

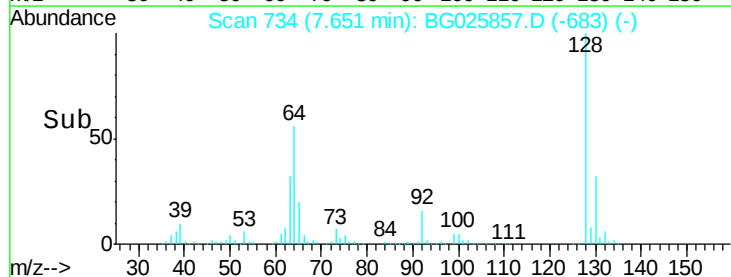
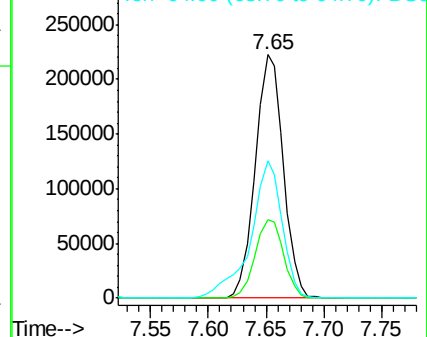
128 100

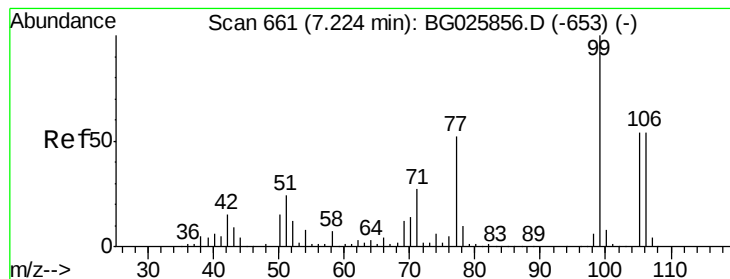
130 32.3 11.4 51.4

64 56.4 46.6 86.6



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: 34.97 ng

RT: 7.22 min Scan# 661

Delta R.T. -0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

Instrument :

BNA\_G

ClientSampleId :

SSTDIC050

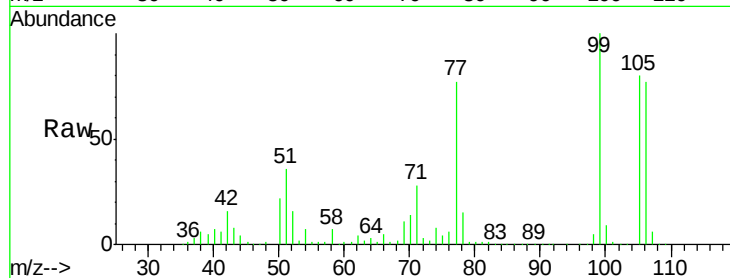
Tgt Ion: 77 Resp: 267476

Ion Ratio Lower Upper

77 100

105 103.9 60.9 100.9#

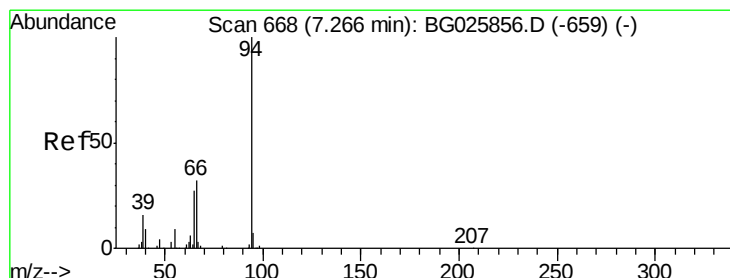
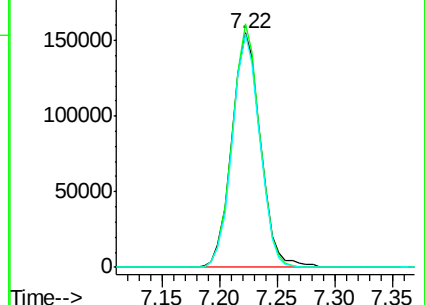
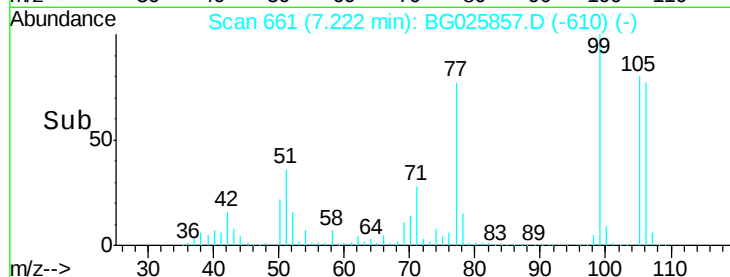
106 99.7 55.1 95.1#



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: 50.31 ng

RT: 7.27 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

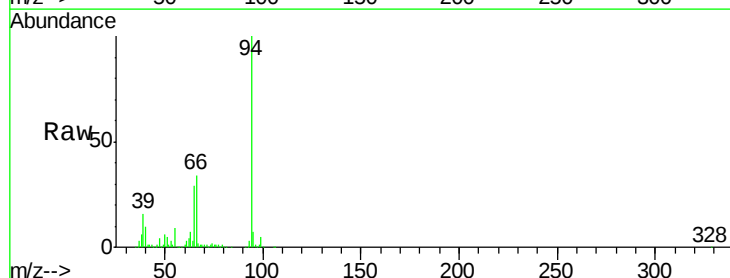
Tgt Ion: 94 Resp: 509864

Ion Ratio Lower Upper

94 100

65 29.4 20.6 60.6

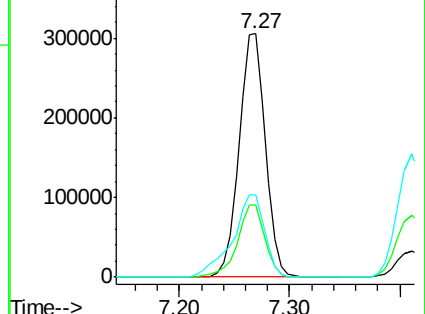
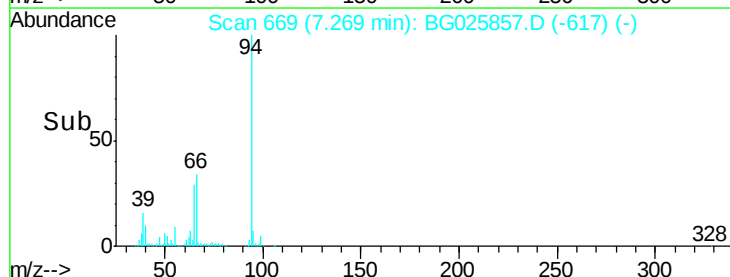
66 34.1 35.5 75.5#

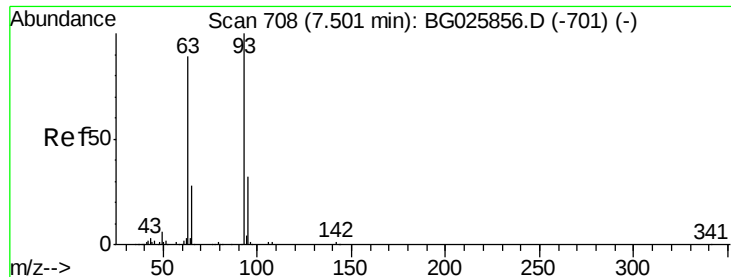


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

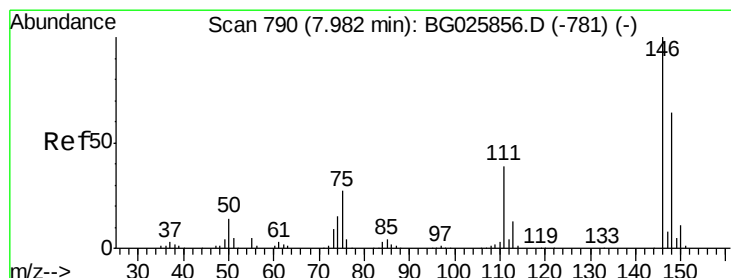
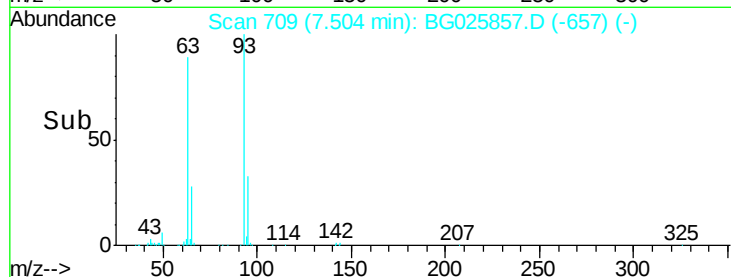
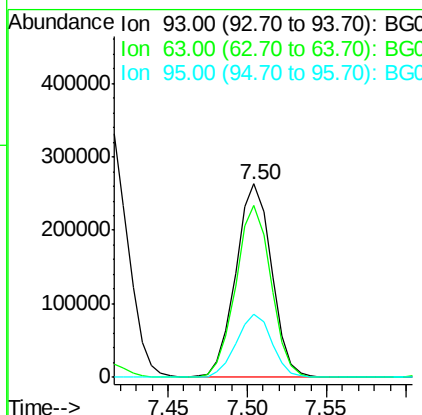
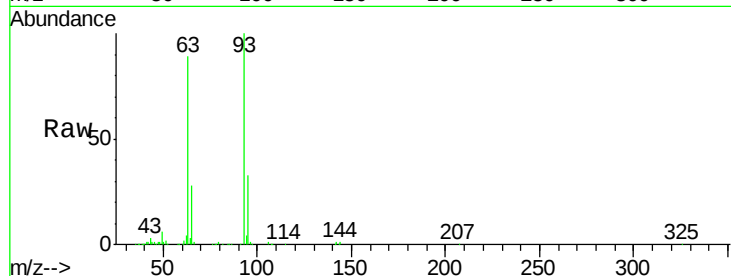




#11  
bis(2-Chloroethyl)ether  
Concen: 51.40 ng  
RT: 7.50 min Scan# 709  
Delta R.T. 0.00 min  
Lab File: BG025857.D  
Acq: 17 Feb 2017 13:39

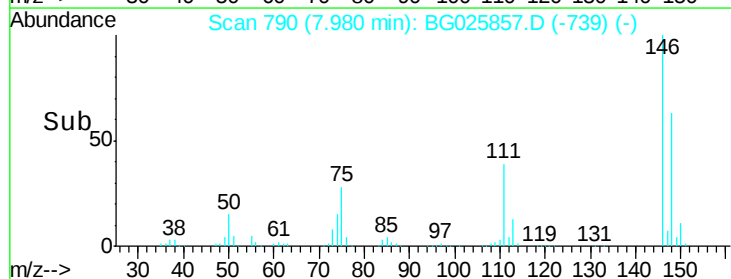
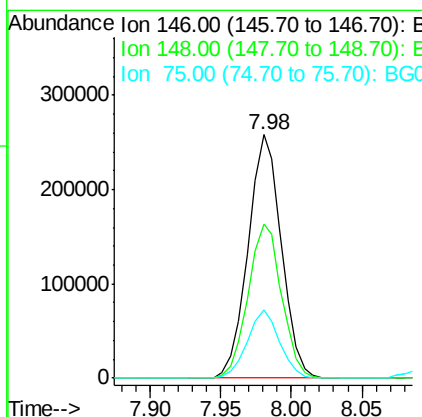
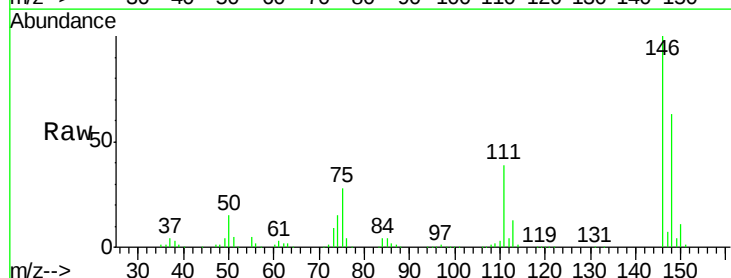
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

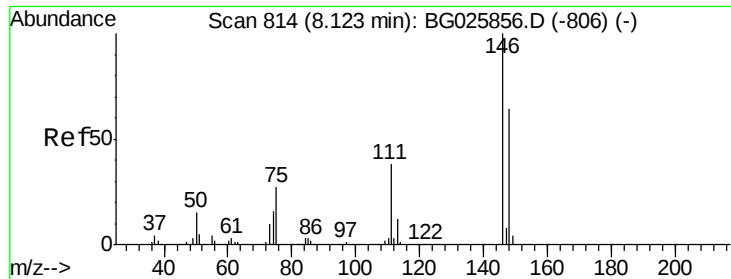
Tgt Ion: 93 Resp: 411840  
Ion Ratio Lower Upper  
93 100  
63 89.0 78.5 118.5  
95 32.6 9.8 49.8



#12  
1,3-Dichlorobenzene  
Concen: 49.75 ng  
RT: 7.98 min Scan# 790  
Delta R.T. -0.00 min  
Lab File: BG025857.D  
Acq: 17 Feb 2017 13:39

Tgt Ion: 146 Resp: 426342  
Ion Ratio Lower Upper  
146 100  
148 63.2 49.2 73.8  
75 28.0 33.4 50.2#





#13

1,4-Dichlorobenzene

Concen: 49.90 ng

RT: 8.13 min Scan# 815

Delta R.T. 0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

Instrument :

BNA\_G

ClientSampleId :

SSTDIC050

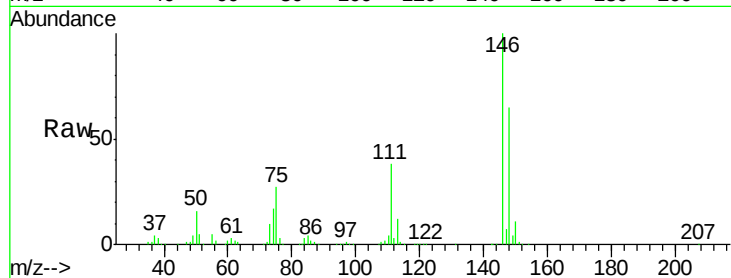
Tgt Ion:146 Resp: 434793

Ion Ratio Lower Upper

146 100

148 65.5 52.2 78.2

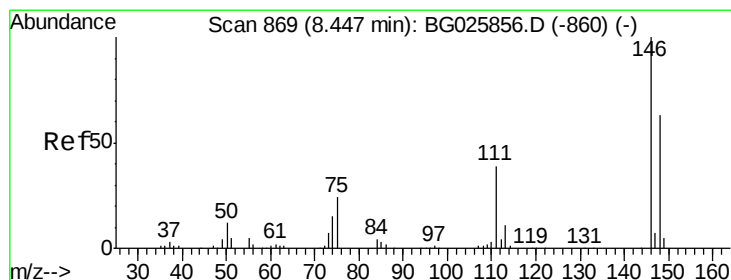
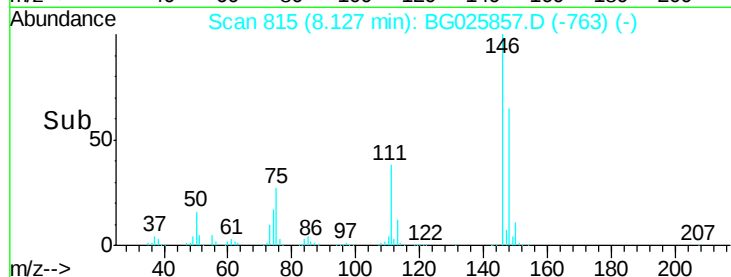
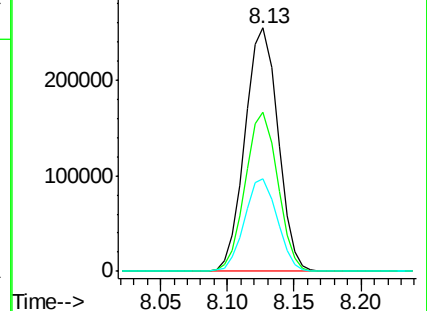
111 38.0 37.0 55.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 50.99 ng

RT: 8.44 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

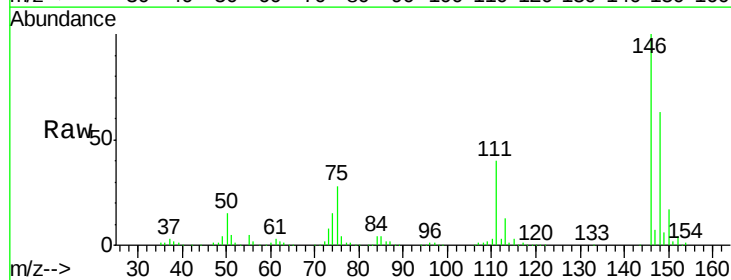
Tgt Ion:146 Resp: 425660

Ion Ratio Lower Upper

146 100

148 63.5 54.6 81.8

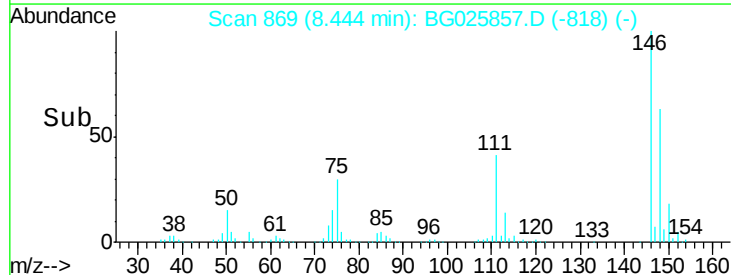
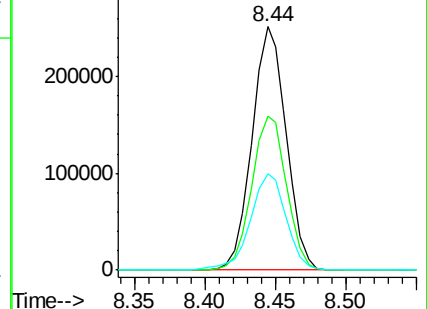
111 39.8 39.7 59.5

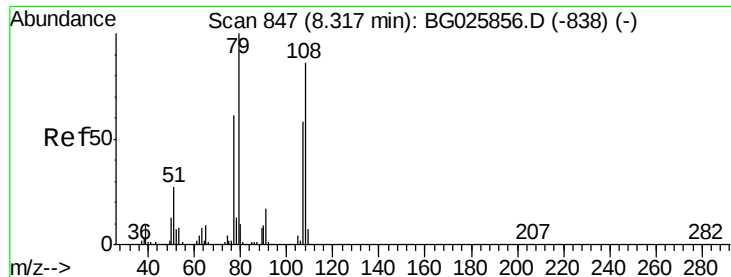


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.27 ng

RT: 8.32 min Scan# 848

Delta R.T. 0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

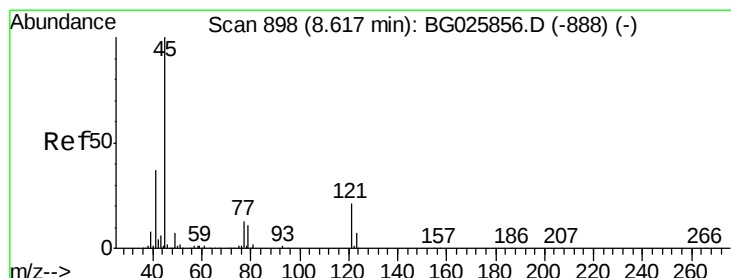
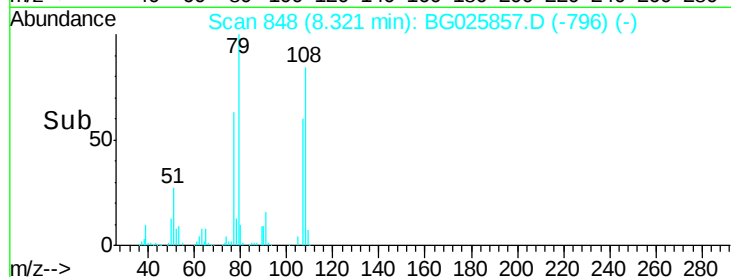
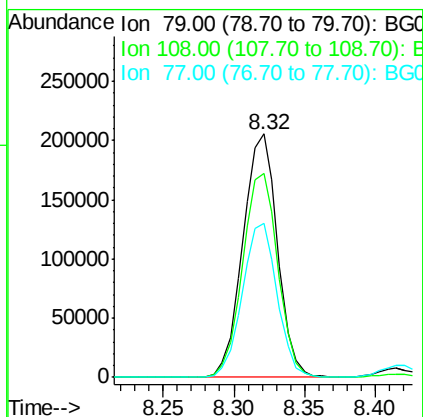
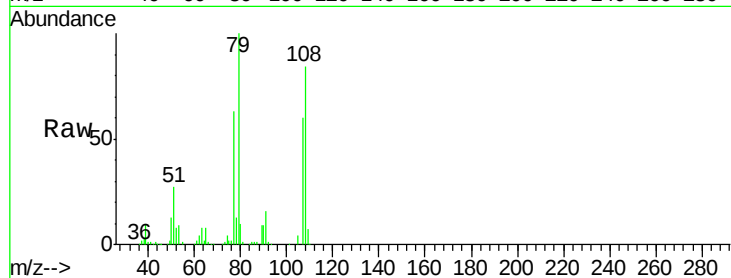
Tgt Ion: 79 Resp: 352987

Ion Ratio Lower Upper

79 100

108 83.8 45.5 68.3#

77 63.0 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.31 ng

RT: 8.61 min Scan# 898

Delta R.T. -0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

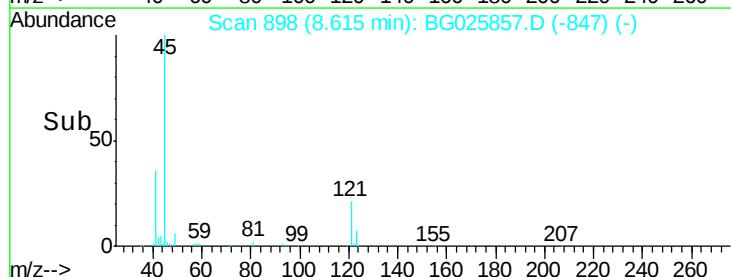
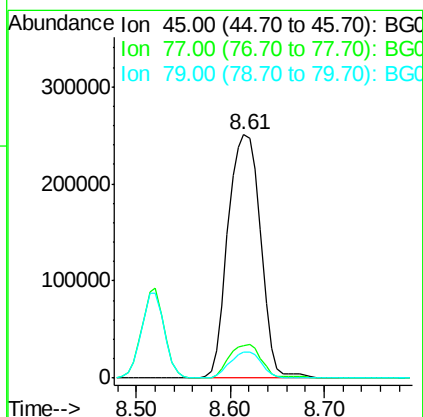
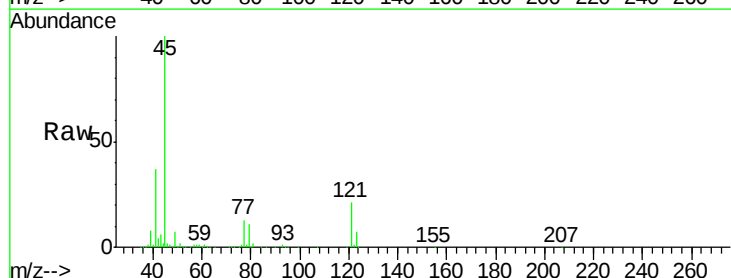
Tgt Ion: 45 Resp: 603681

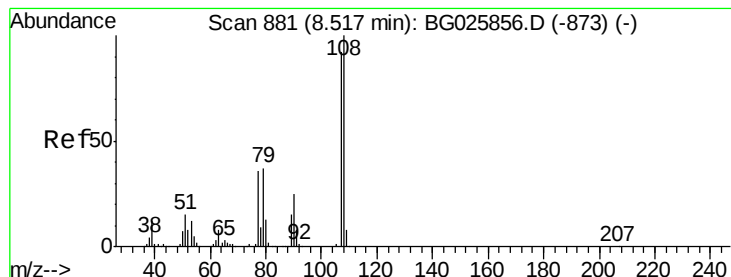
Ion Ratio Lower Upper

45 100

77 13.3 0.0 30.6

79 10.9 0.0 28.5





#17

2-Methylphenol

Concen: 54.28 ng

RT: 8.52 min Scan# 882

Delta R.T. 0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

Instrument :

BNA\_G

ClientSampleId :

SSTDIC050

Tgt Ion:107 Resp: 375757

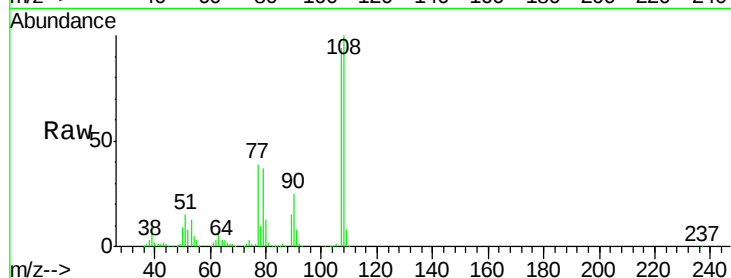
Ion Ratio Lower Upper

107 100

108 106.3 85.6 128.4

77 41.0 51.4 77.2#

79 39.2 49.2 73.8#

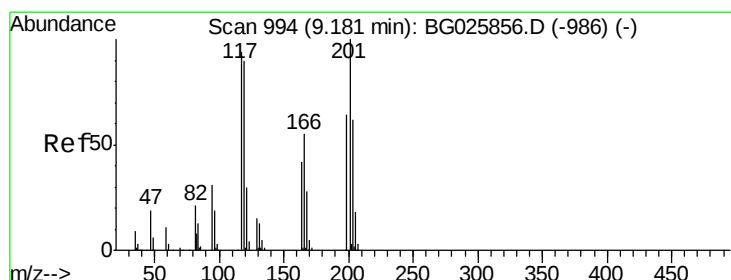
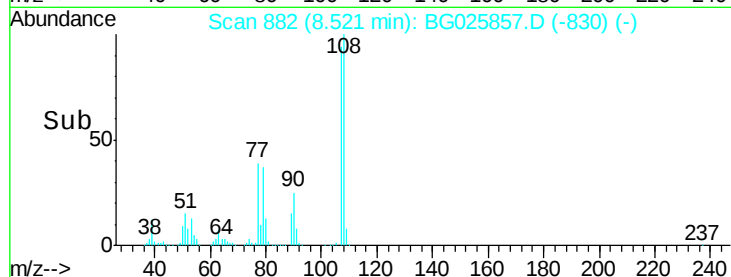
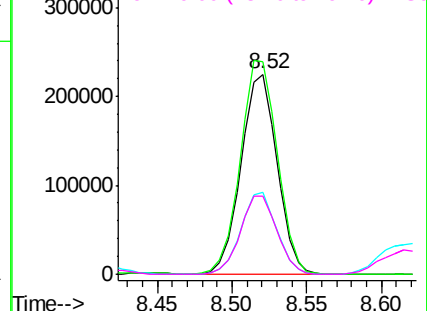


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.78 ng

RT: 9.18 min Scan# 994

Delta R.T. -0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

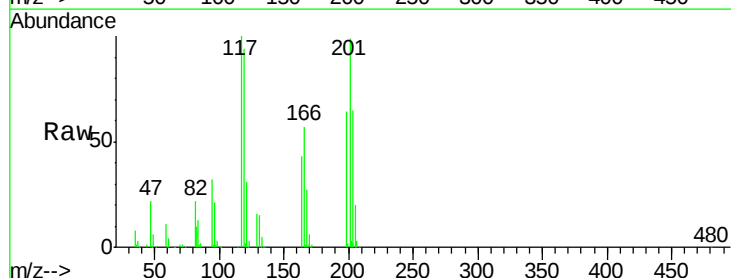
Tgt Ion:117 Resp: 144678

Ion Ratio Lower Upper

117 100

119 93.8 69.8 104.6

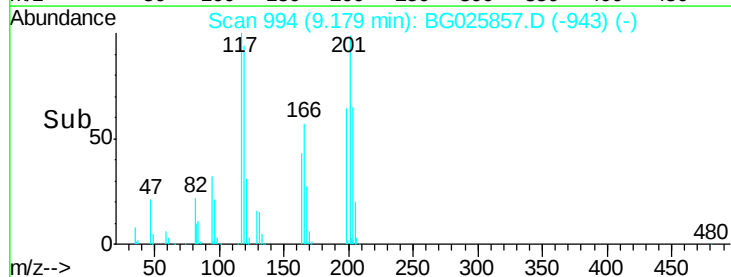
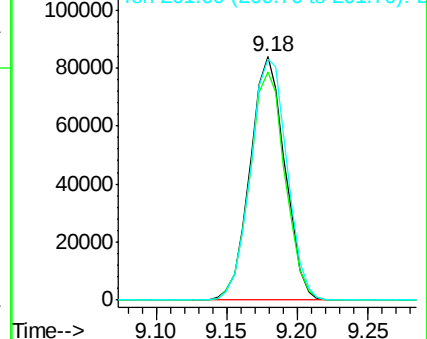
201 98.9 95.4 143.0

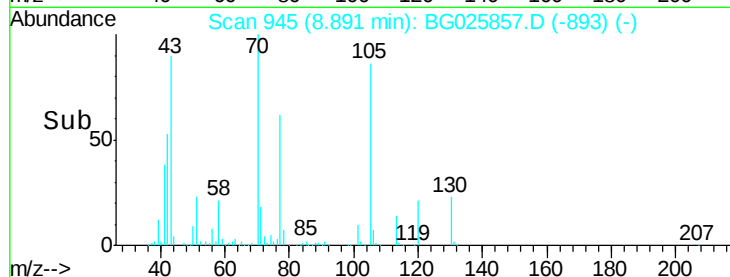
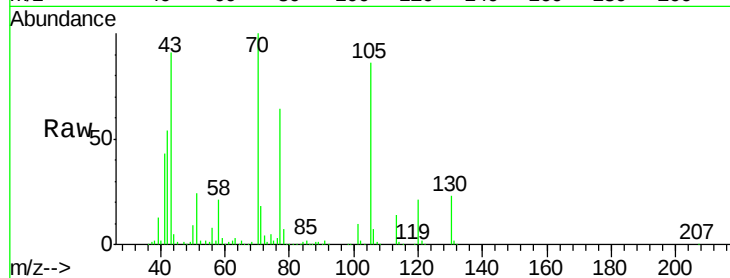
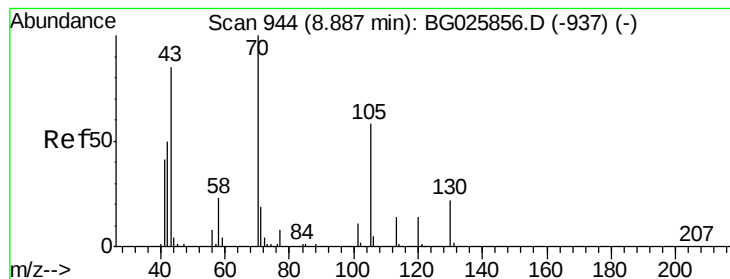


Abundance Ion 117.00 (116.70 to 117.70): E

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: 44.11 ng

RT: 8.89 min Scan# 945

Delta R.T. 0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

Instrument :

BNA\_G

ClientSampleId :

SSTDIC050

Tgt Ion: 70 Resp: 350980

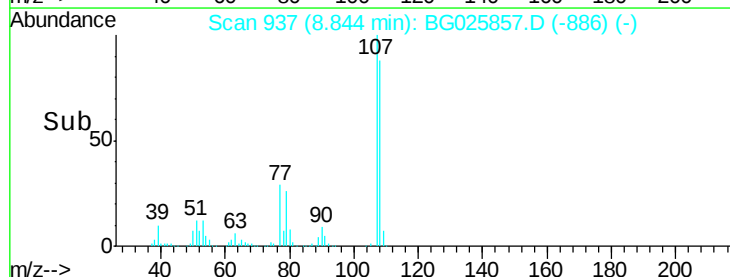
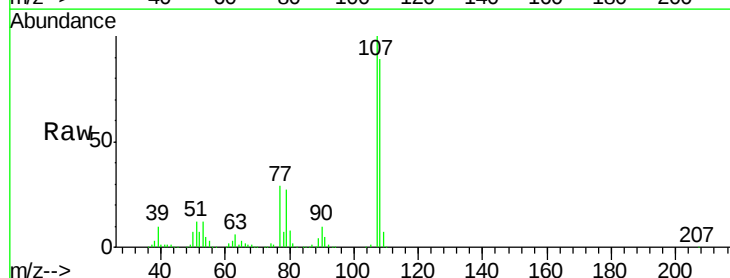
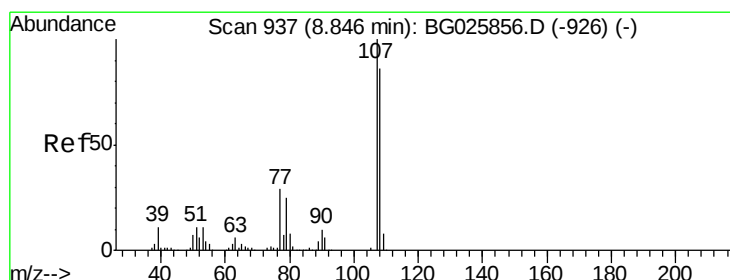
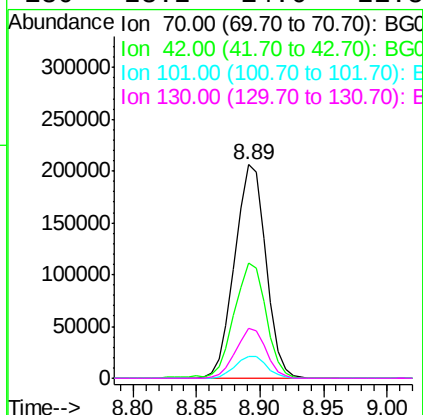
Ion Ratio Lower Upper

70 100

42 53.7 56.1 84.1#

101 10.3 7.5 11.3

130 23.2 14.6 21.8#



#20

3+4-Methylphenols

Concen: 56.81 ng

RT: 8.84 min Scan# 937

Delta R.T. -0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

Tgt Ion: 107 Resp: 536728

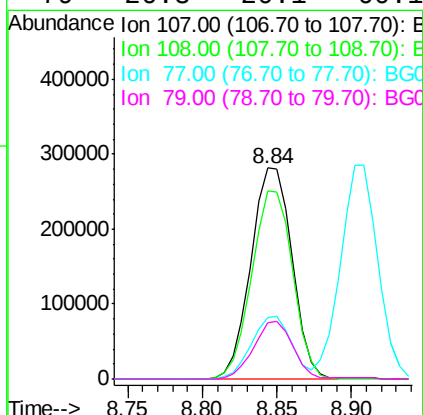
Ion Ratio Lower Upper

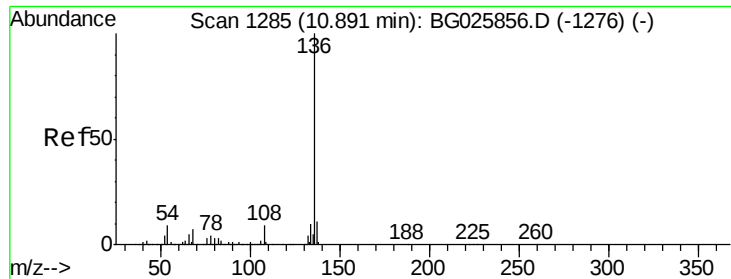
107 100

108 89.1 70.8 110.8

77 29.4 25.8 65.8

79 26.8 20.1 60.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.89 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 560290

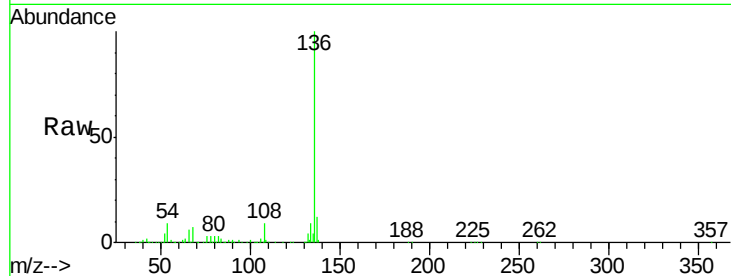
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 9.4 9.3 13.9

68 6.7 5.1 7.7

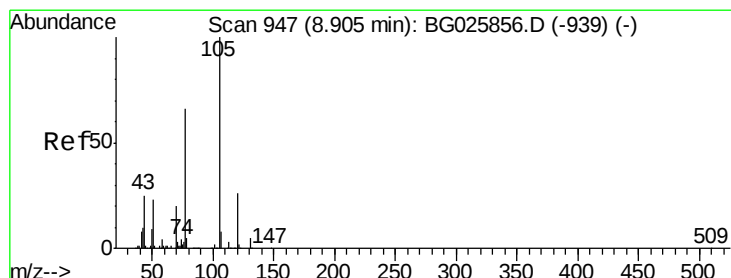
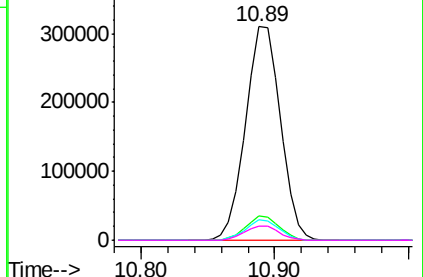
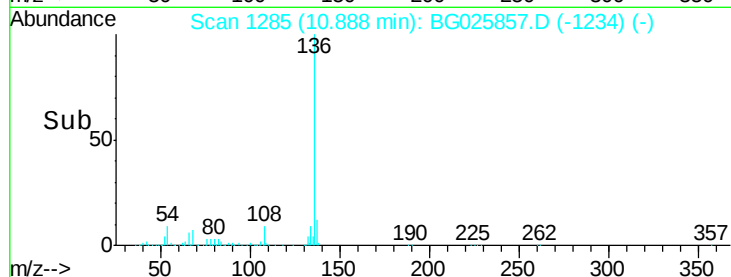


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.87 ng

RT: 8.91 min Scan# 948

Delta R.T. 0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

Tgt Ion:105 Resp: 673041

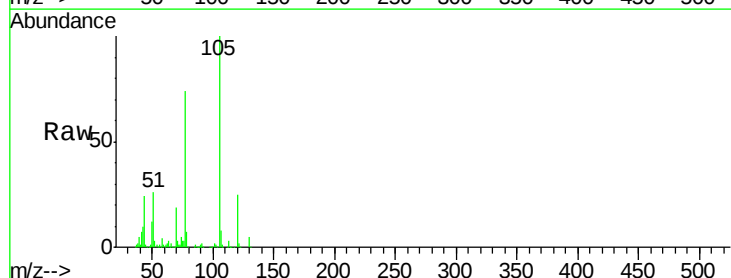
Ion Ratio Lower Upper

105 100

71 3.0 0.9 1.3#

51 26.4 34.0 51.0#

120 25.3 17.3 25.9

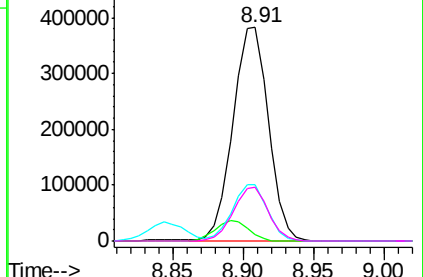
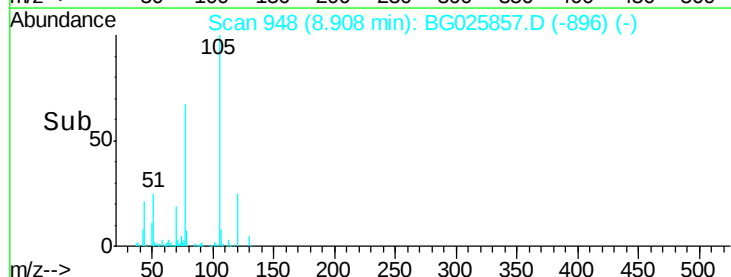


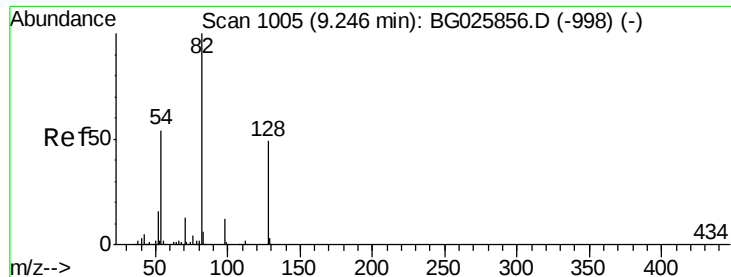
Abundance Ion 105.00 (104.70 to 105.70): E

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

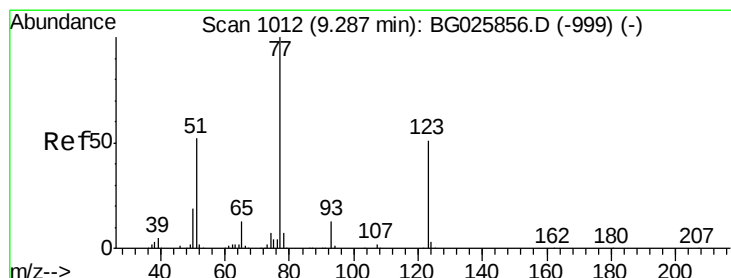
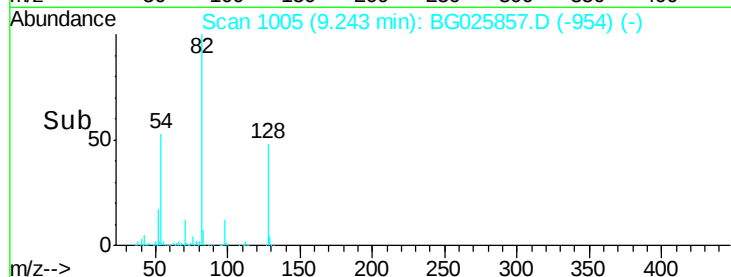
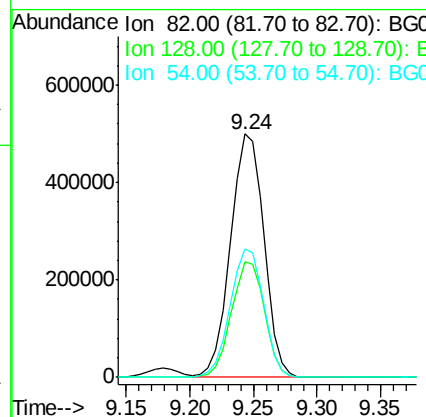
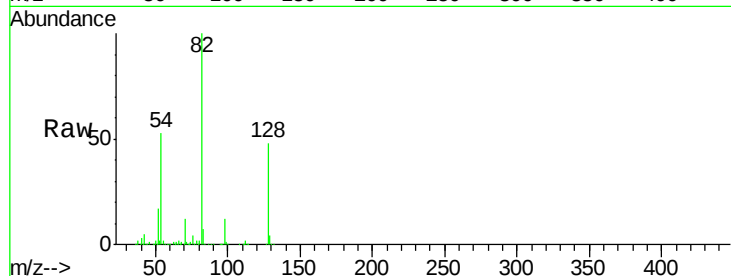




#23  
 Nitrobenzene-d5  
 Concen: 68.65 ng  
 RT: 9.24 min Scan# 1005  
 Delta R.T. -0.00 min  
 Lab File: BG025857.D  
 Acq: 17 Feb 2017 13:39

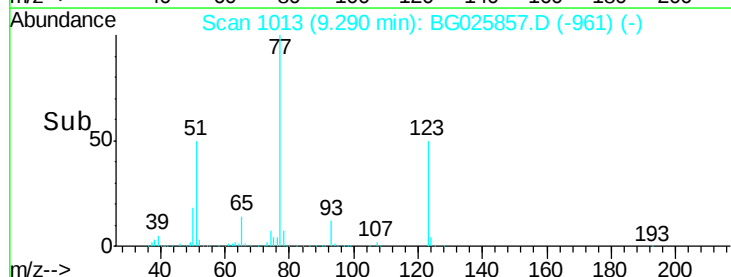
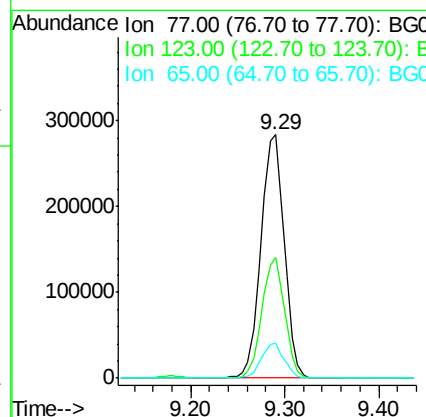
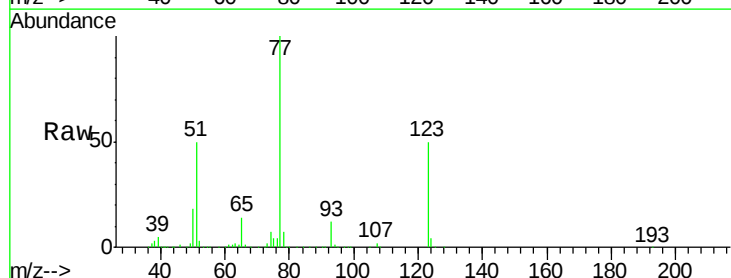
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

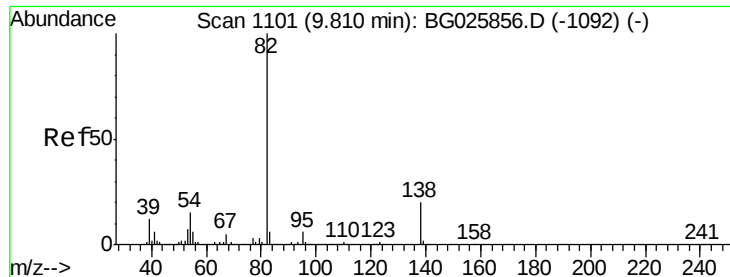
Tgt Ion: 82 Resp: 910315  
 Ion Ratio Lower Upper  
 82 100  
 128 47.7 26.4 39.6#  
 54 53.0 49.4 74.2



#24  
 Nitrobenzene  
 Concen: 33.68 ng  
 RT: 9.29 min Scan# 1013  
 Delta R.T. 0.00 min  
 Lab File: BG025857.D  
 Acq: 17 Feb 2017 13:39

Tgt Ion: 77 Resp: 487666  
 Ion Ratio Lower Upper  
 77 100  
 123 49.7 26.1 39.1#  
 65 14.3 12.4 18.6





#25

Isophorone

Concen: 38.39 ng

RT: 9.81 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

Instrument :

BNA\_G

ClientSampleId :

SSTDIC050

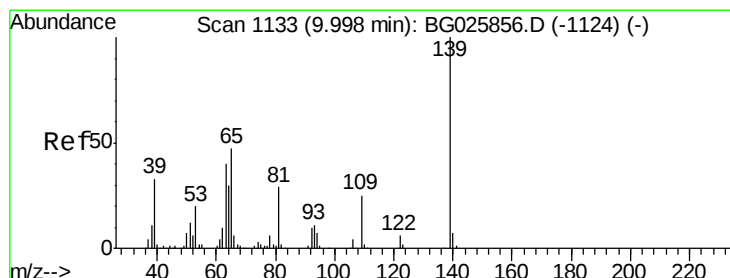
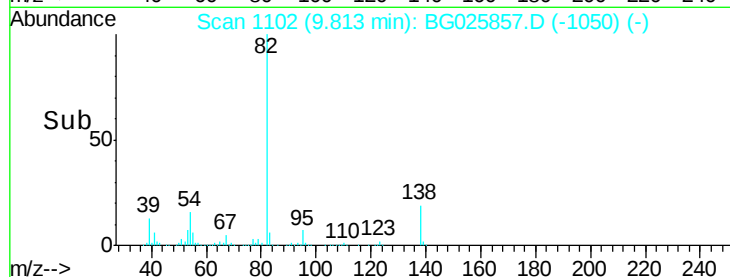
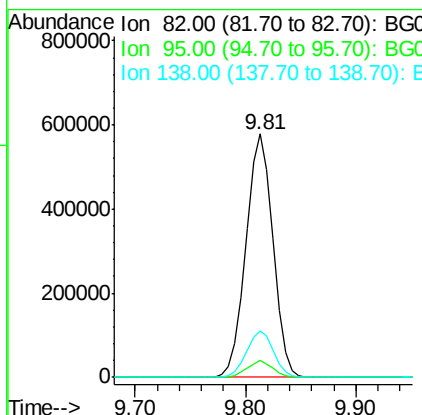
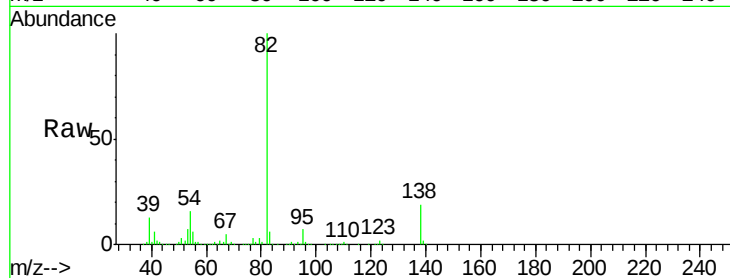
Tgt Ion: 82 Resp: 991896

Ion Ratio Lower Upper

82 100

95 6.8 7.5 11.3#

138 19.0 12.3 18.5#



#26

2-Nitrophenol

Concen: 46.69 ng

RT: 10.00 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

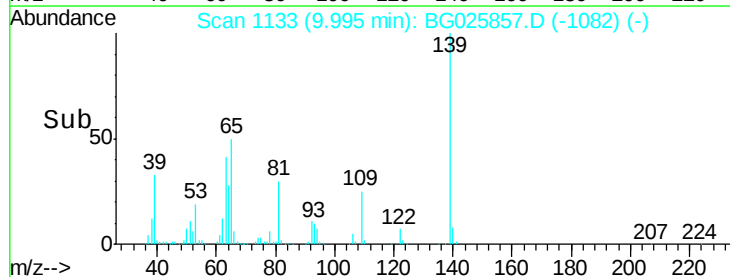
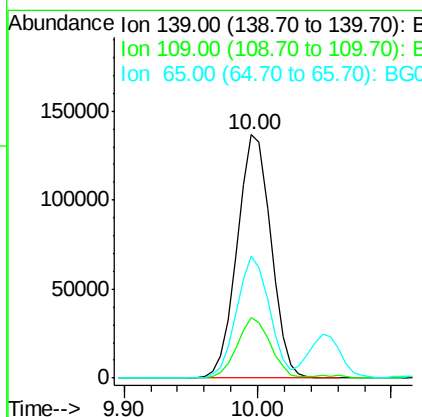
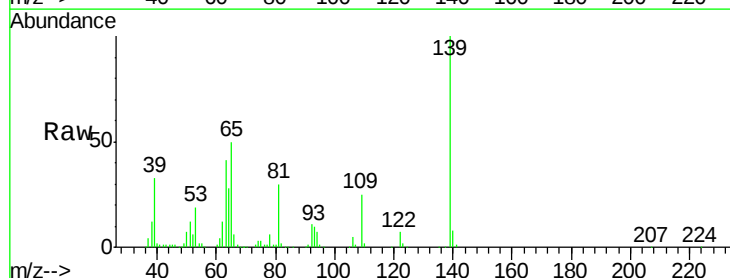
Tgt Ion: 139 Resp: 239514

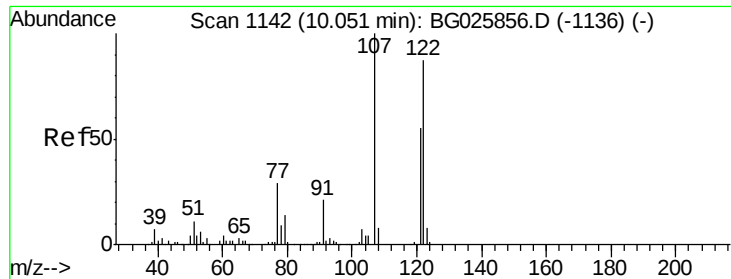
Ion Ratio Lower Upper

139 100

109 24.7 38.6 58.0#

65 50.1 57.1 85.7#

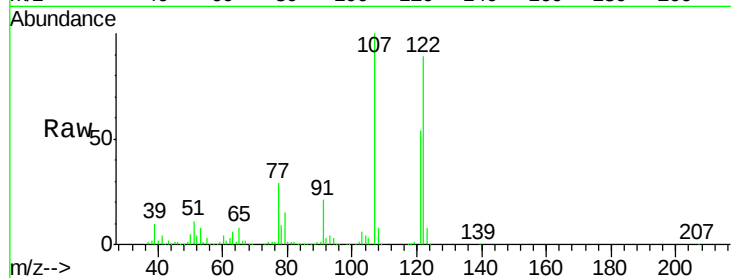




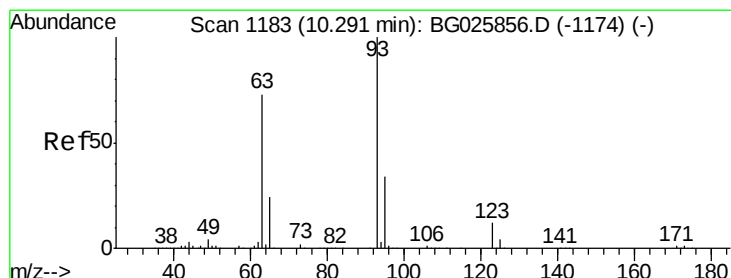
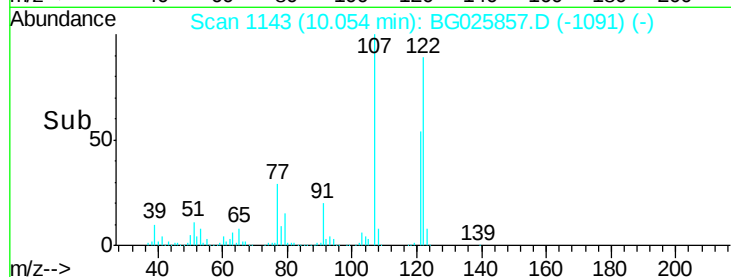
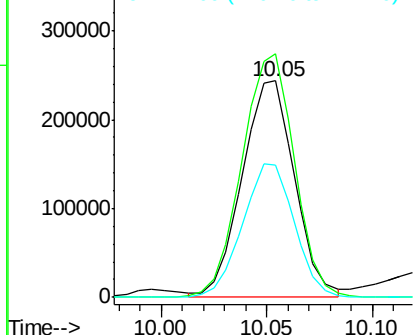
#27  
2,4-Dimethylphenol  
Concen: 46.99 ng  
RT: 10.05 min Scan# 1143  
Delta R.T. 0.00 min  
Lab File: BG025857.D  
Acq: 17 Feb 2017 13:39

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

Tgt Ion:122 Resp: 419872  
Ion Ratio Lower Upper  
122 100  
107 112.4 104.2 156.4  
121 60.9 46.0 69.0

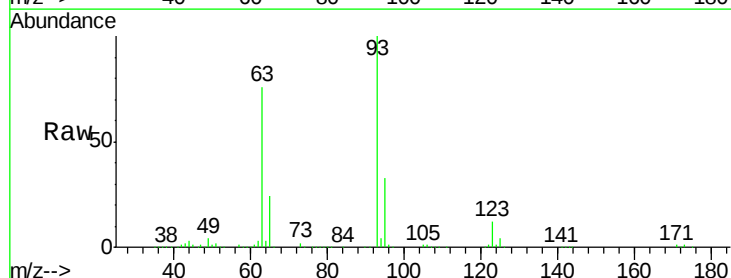


Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E

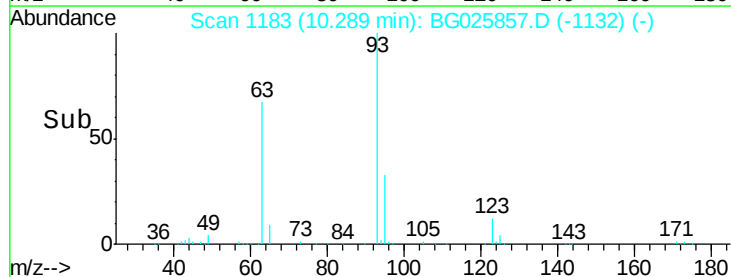
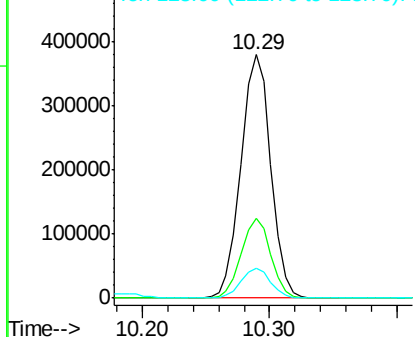


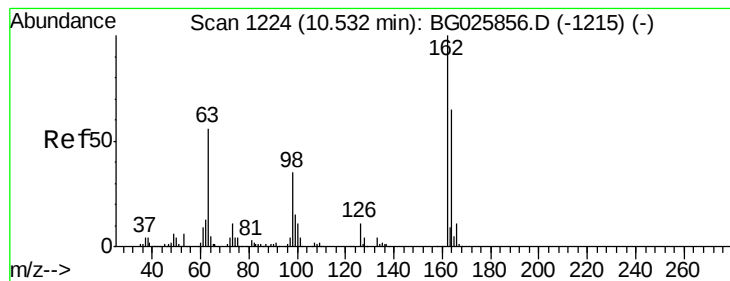
#28  
bis(2-Chloroethoxy)methane  
Concen: 45.20 ng  
RT: 10.29 min Scan# 1183  
Delta R.T. -0.00 min  
Lab File: BG025857.D  
Acq: 17 Feb 2017 13:39

Tgt Ion: 93 Resp: 618203  
Ion Ratio Lower Upper  
93 100  
95 32.6 25.7 38.5  
123 12.2 8.3 12.5



Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC  
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.74 ng

RT: 10.53 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

Instrument :

BNA\_G

ClientSampleId :

SSTDIC050

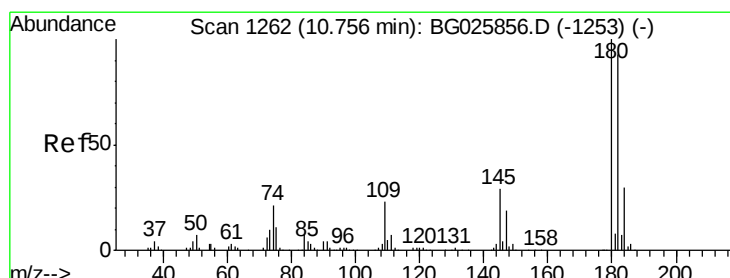
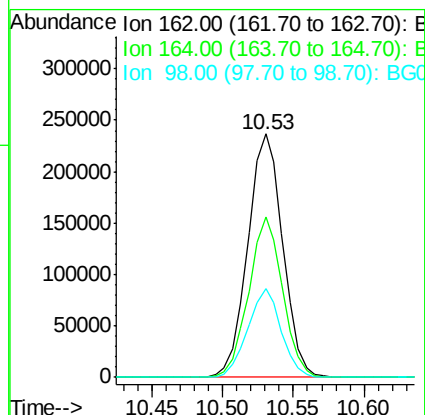
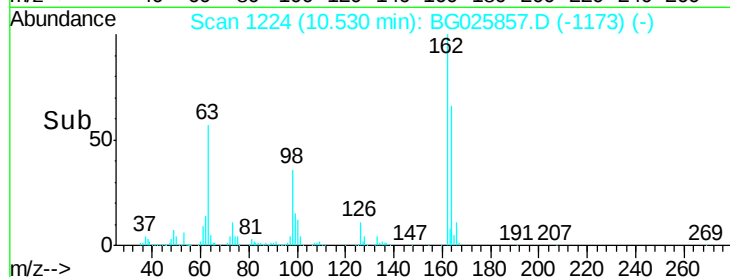
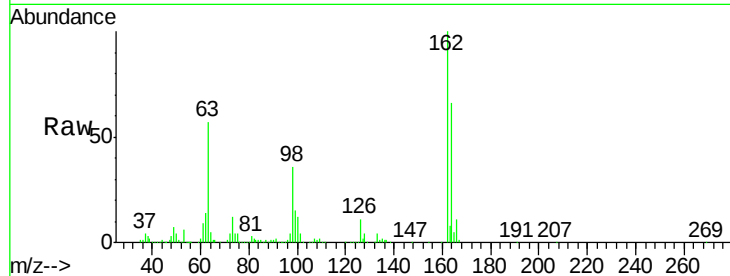
Tgt Ion:162 Resp: 410228

Ion Ratio Lower Upper

162 100

164 65.9 42.4 82.4

98 36.3 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 40.17 ng

RT: 10.75 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

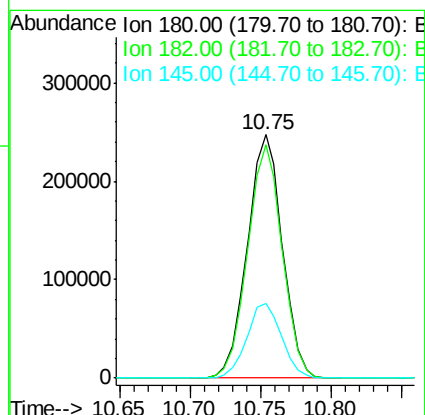
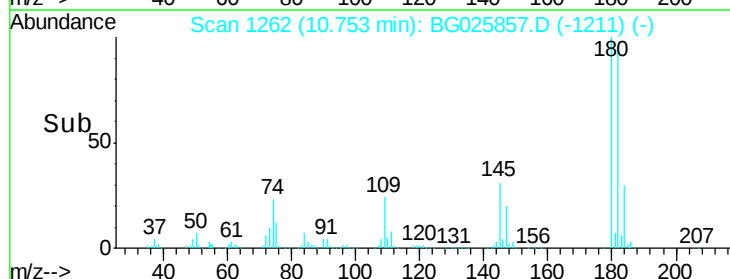
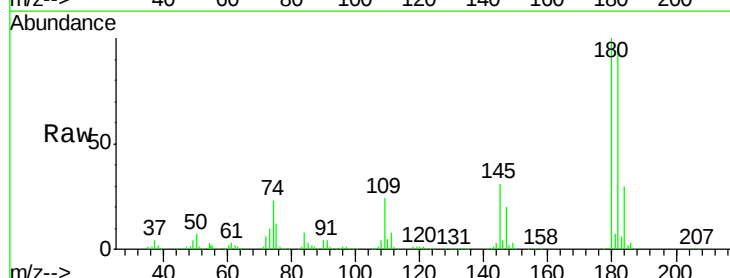
Tgt Ion:180 Resp: 428457

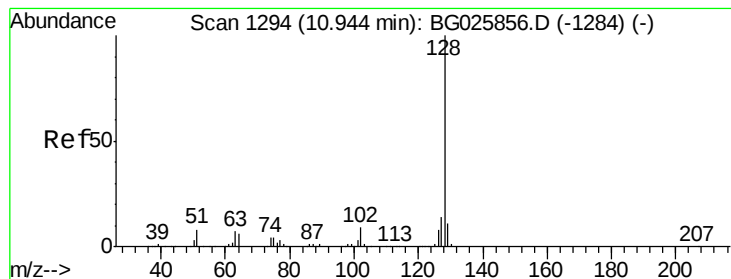
Ion Ratio Lower Upper

180 100

182 95.9 77.0 115.4

145 30.9 23.4 35.0





#31

Naphthalene

Concen: 48.49 ng

RT: 10.94 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

Instrument :

BNA\_G

ClientSampleId :

SSTDIC050

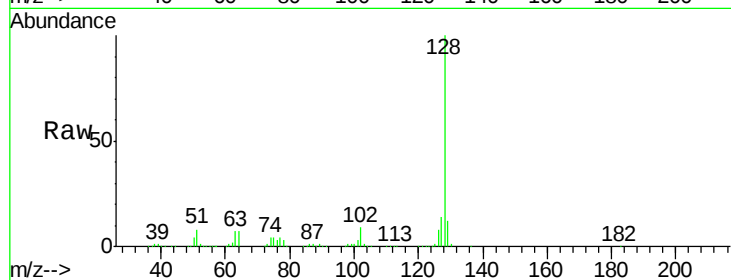
Tgt Ion:128 Resp: 1410259

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

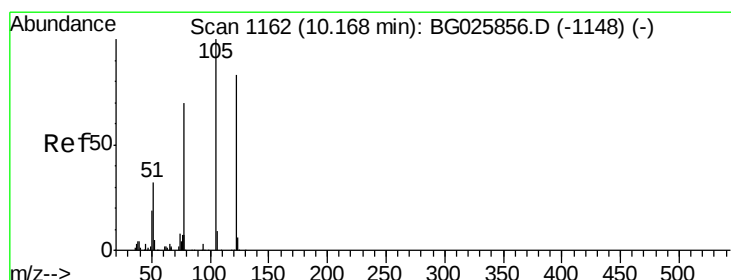
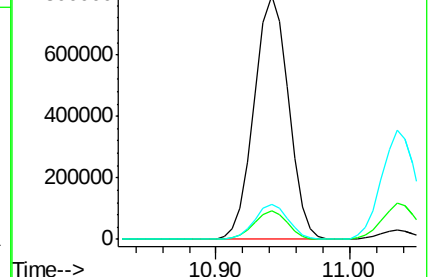
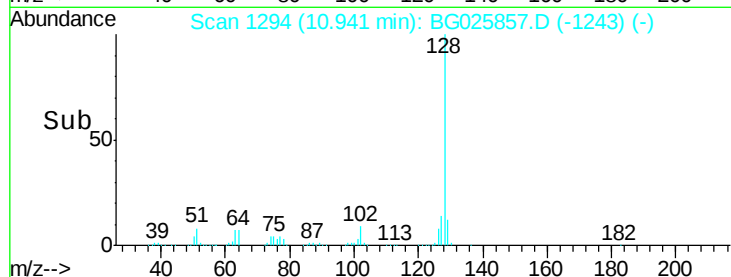
127 14.3 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 65.32 ng

RT: 10.18 min Scan# 1165

Delta R.T. 0.02 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

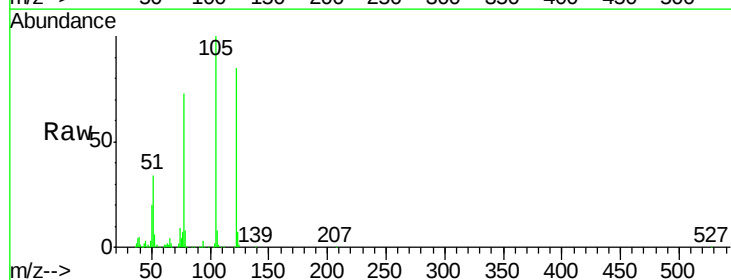
Tgt Ion:122 Resp: 332881

Ion Ratio Lower Upper

122 100

105 117.3 120.1 160.1#

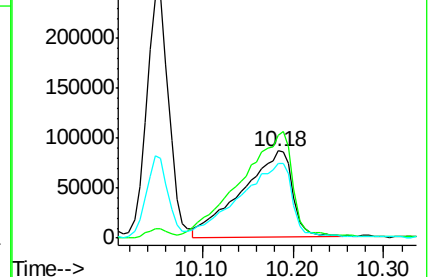
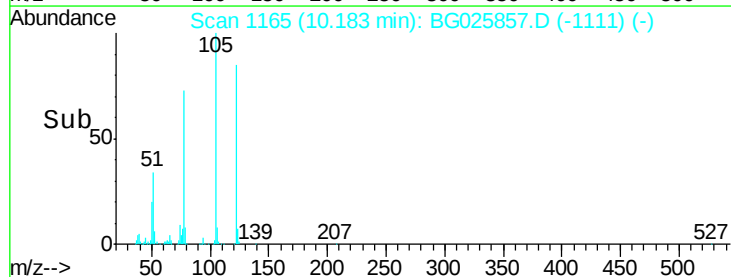
77 85.3 104.6 144.6#

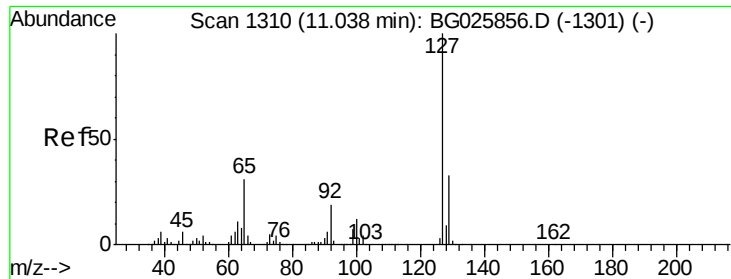


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

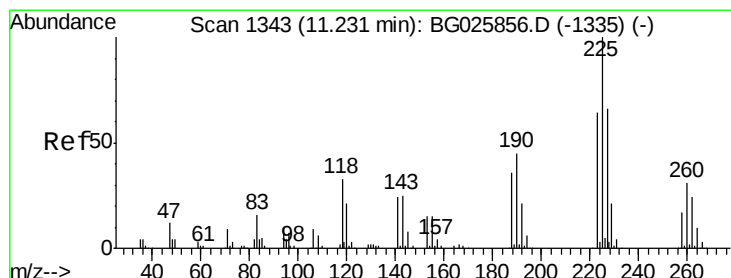
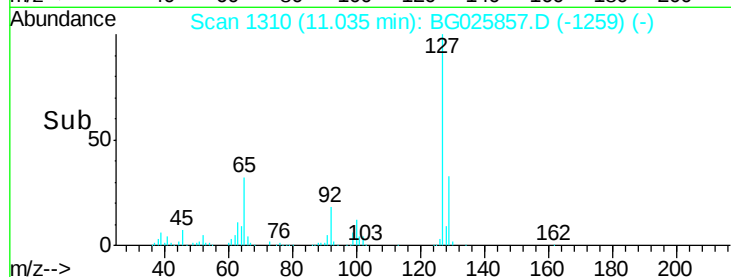
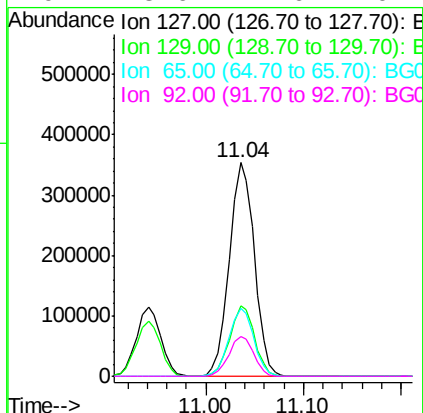
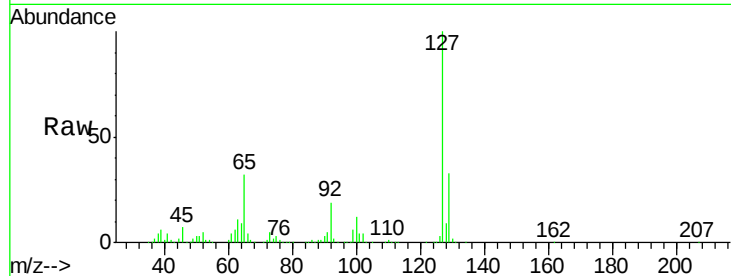




#33  
4-Chloroaniline  
Concen: 52.06 ng  
RT: 11.04 min Scan# 1310  
Delta R.T. -0.00 min  
Lab File: BG025857.D  
Acq: 17 Feb 2017 13:39

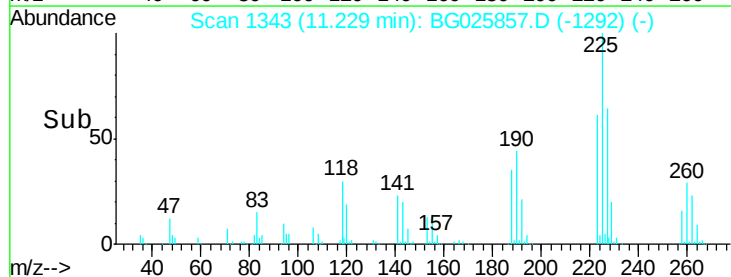
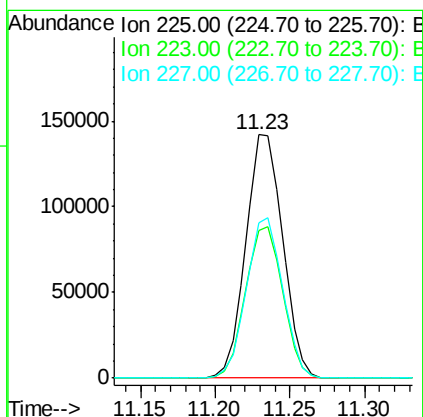
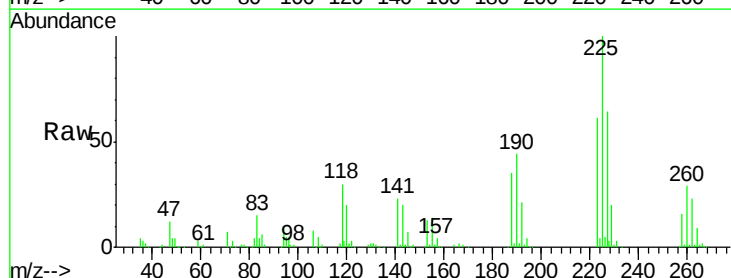
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

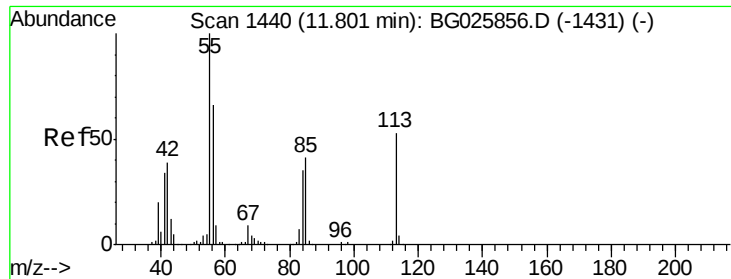
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 629368 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.9  | 23.6  | 35.4   |
| 65       | 31.9  | 37.7  | 56.5#  |
| 92       | 18.6  | 17.6  | 26.4   |



#34  
Hexachlorobutadiene  
Concen: 28.04 ng  
RT: 11.23 min Scan# 1343  
Delta R.T. -0.00 min  
Lab File: BG025857.D  
Acq: 17 Feb 2017 13:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 243311 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 60.6  | 50.7  | 76.1   |
| 227      | 63.6  | 49.0  | 73.6   |





#35

Caprolactam

Concen: 42.79 ng

RT: 11.81 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

Instrument :

BNA\_G

ClientSampleId :

SSTDIC050

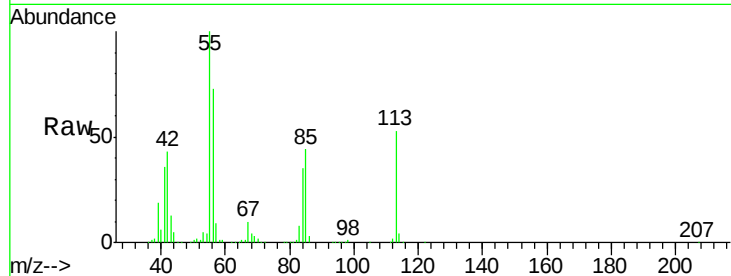
Tgt Ion:113 Resp: 167214

Ion Ratio Lower Upper

113 100

55 187.1 198.6 238.6#

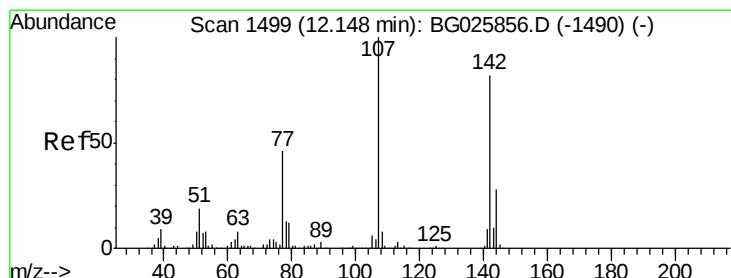
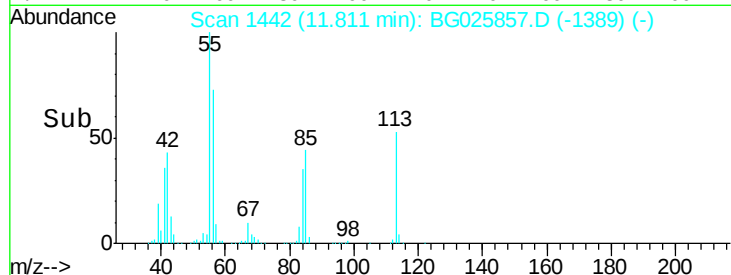
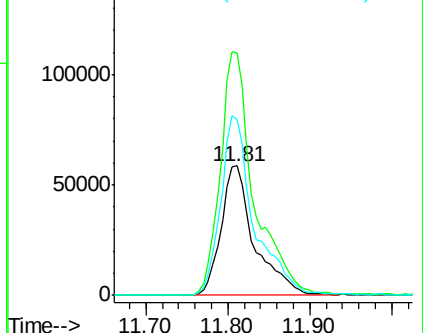
56 135.8 140.4 180.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 43.38 ng

RT: 12.15 min Scan# 1499

Delta R.T. -0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

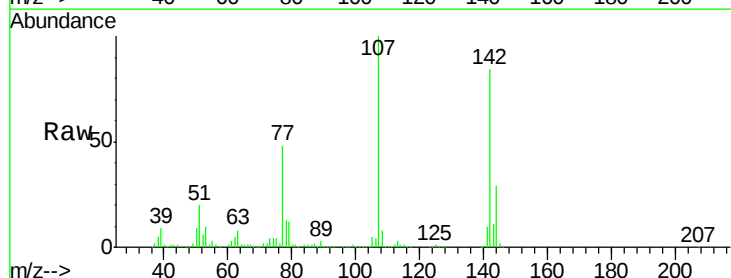
Tgt Ion:107 Resp: 484617

Ion Ratio Lower Upper

107 100

144 29.4 17.4 26.0#

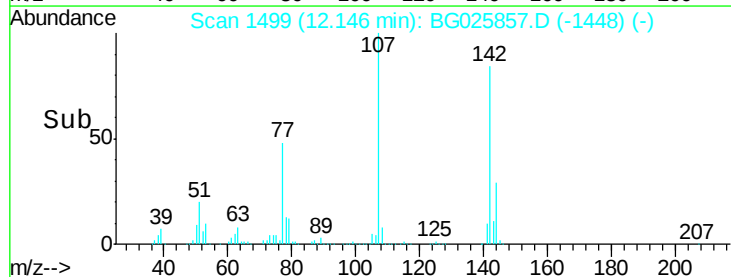
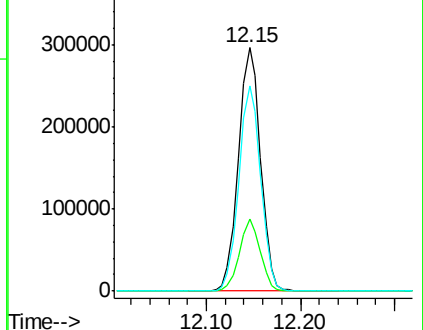
142 84.2 54.1 81.1#

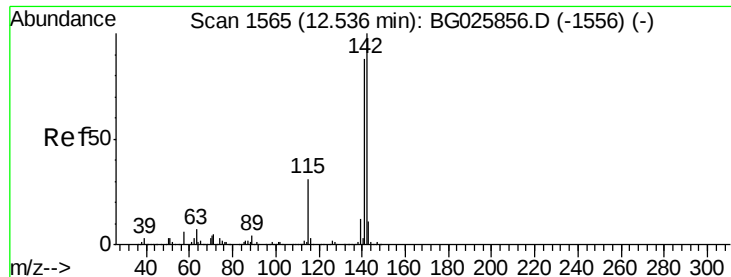


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

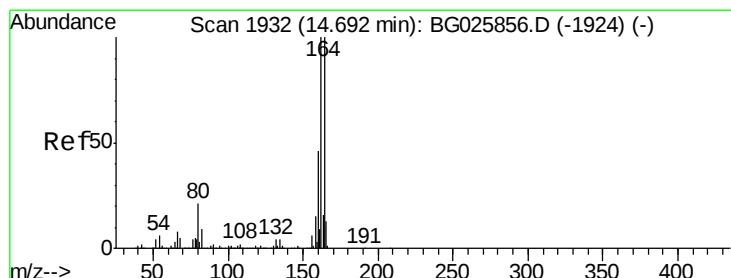
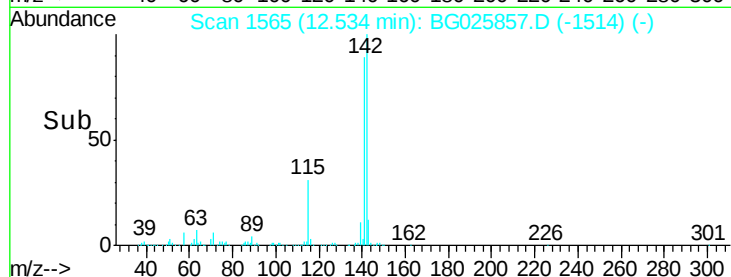
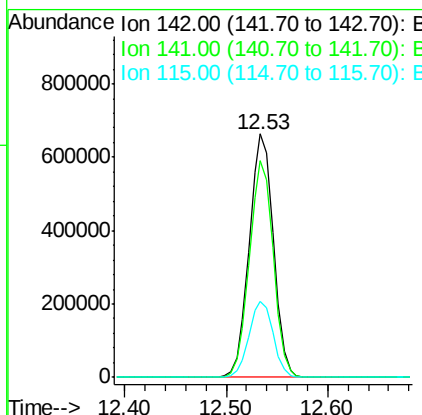
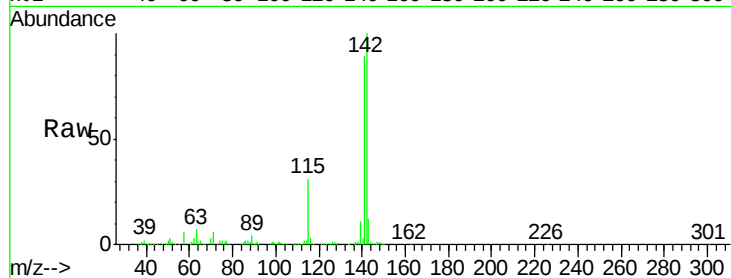




#37  
 2-Methylnaphthalene  
 Concen: 48.62 ng  
 RT: 12.53 min Scan# 1565  
 Delta R.T. -0.00 min  
 Lab File: BG025857.D  
 Acq: 17 Feb 2017 13:39

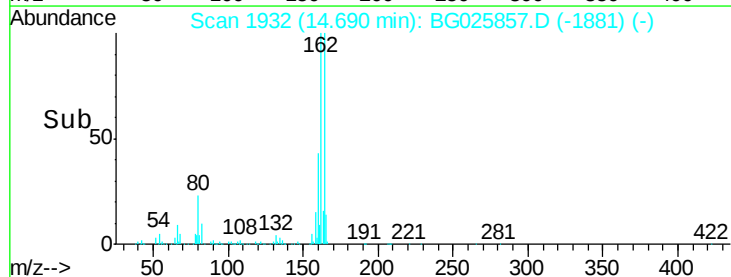
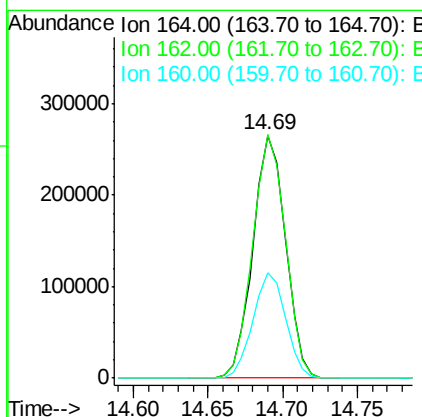
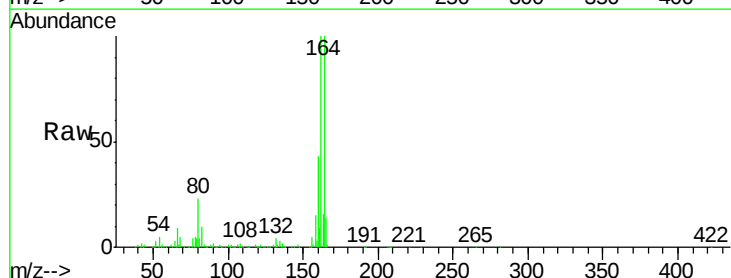
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

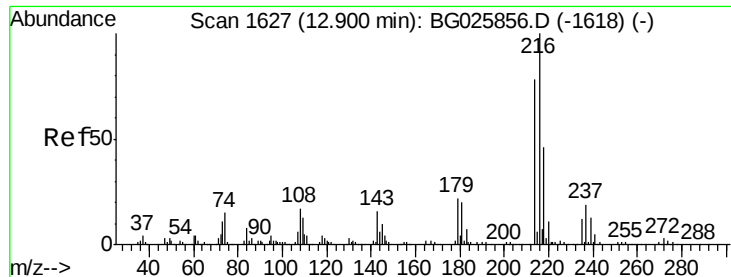
Tgt Ion:142 Resp: 1091972  
 Ion Ratio Lower Upper  
 142 100  
 141 88.9 70.4 105.6  
 115 31.4 35.5 53.3#



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.69 min Scan# 1932  
 Delta R.T. -0.00 min  
 Lab File: BG025857.D  
 Acq: 17 Feb 2017 13:39

Tgt Ion:164 Resp: 400732  
 Ion Ratio Lower Upper  
 164 100  
 162 100.4 85.1 127.7  
 160 43.3 34.7 52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.68 ng

RT: 12.90 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

Instrument :

BNA\_G

ClientSampleId :

SSTDIC050

Tgt Ion:216 Resp: 492203

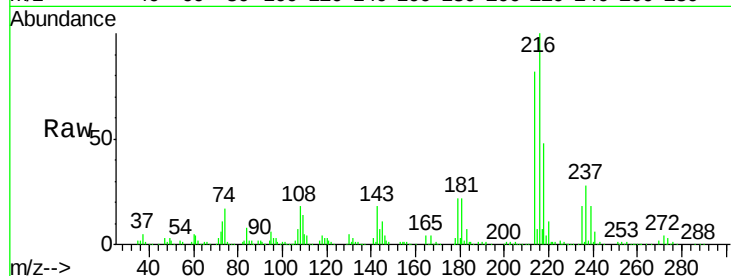
Ion Ratio Lower Upper

216 100

214 79.4 64.4 96.6

179 21.5 17.4 26.0

108 18.6 15.6 23.4

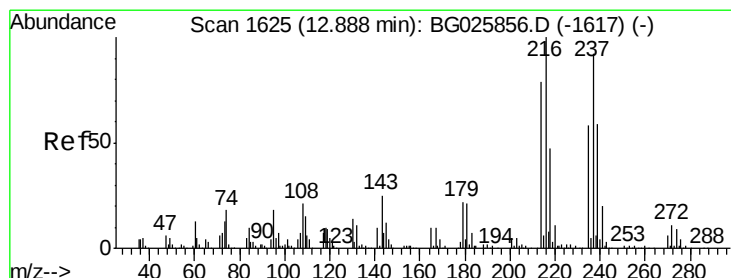
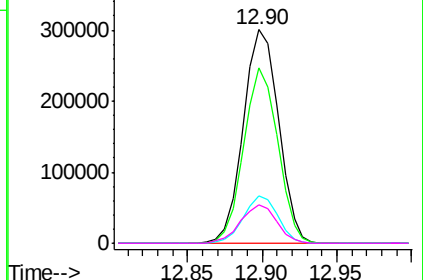
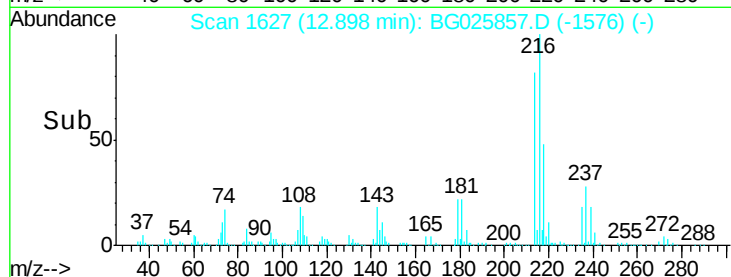


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 71.80 ng

RT: 12.89 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

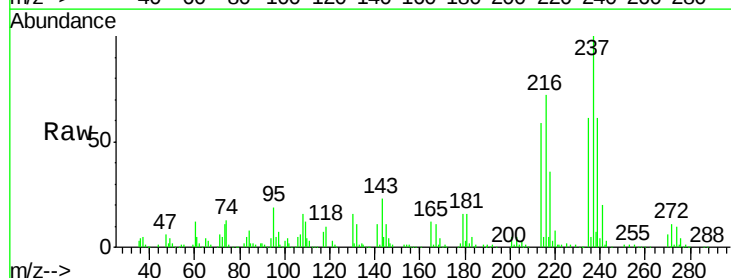
Tgt Ion:237 Resp: 281199

Ion Ratio Lower Upper

237 100

235 60.9 39.4 79.4

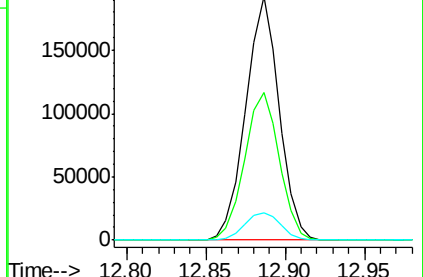
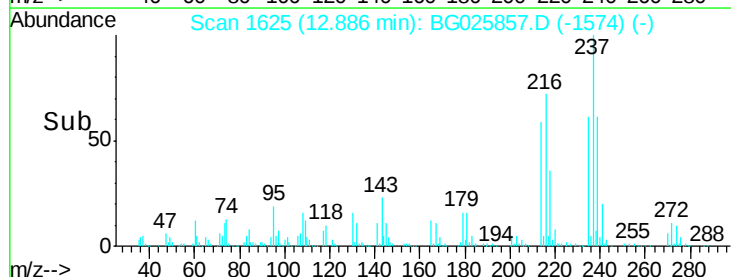
272 11.2 0.0 32.0

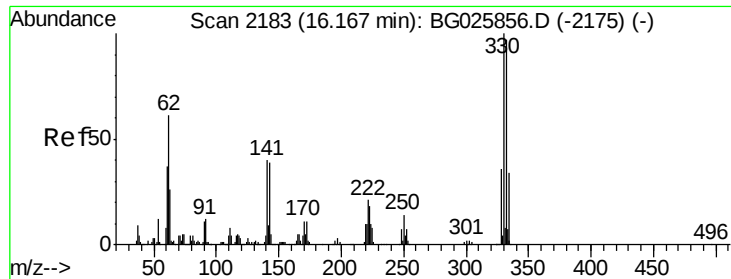


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

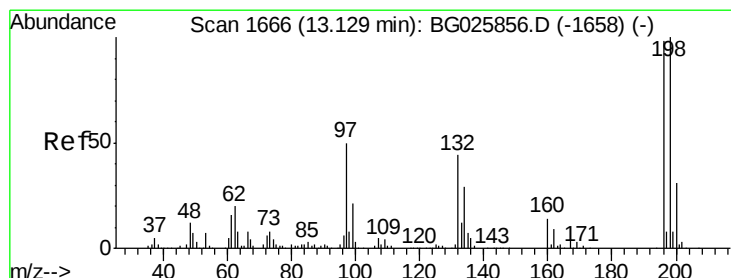
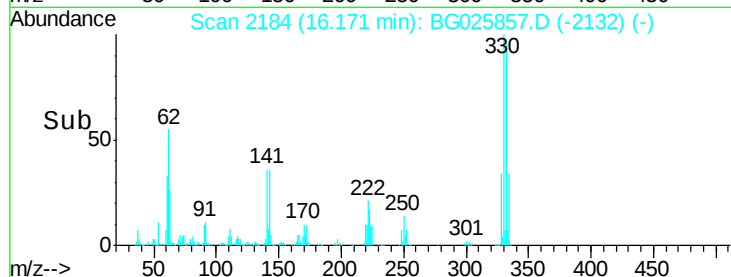
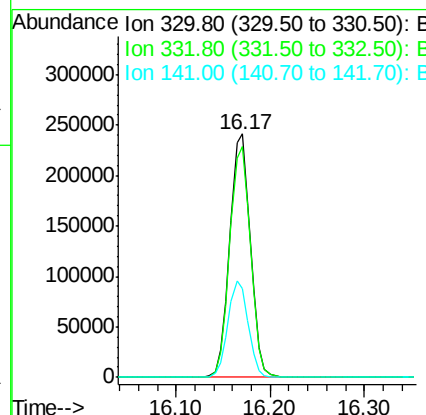
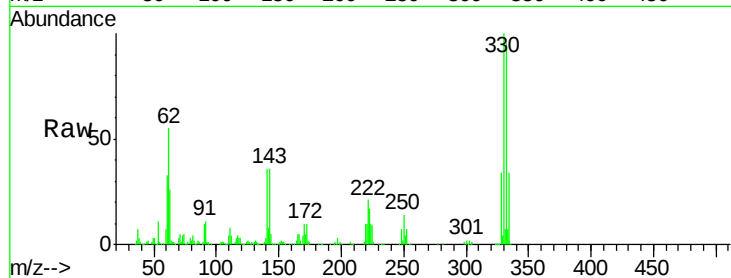




#41  
2,4,6-Tribromophenol  
Concen: 64.56 ng  
RT: 16.17 min Scan# 2184  
Delta R.T. 0.00 min  
Lab File: BG025857.D  
Acq: 17 Feb 2017 13:39

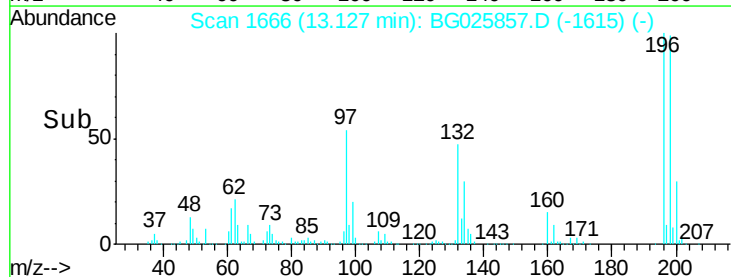
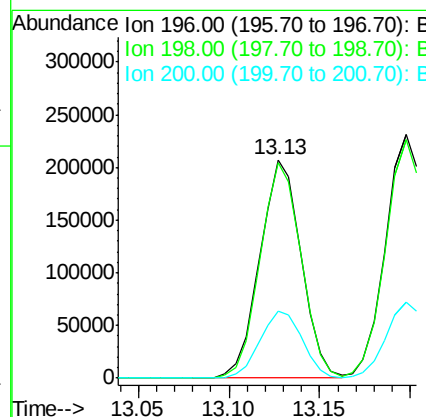
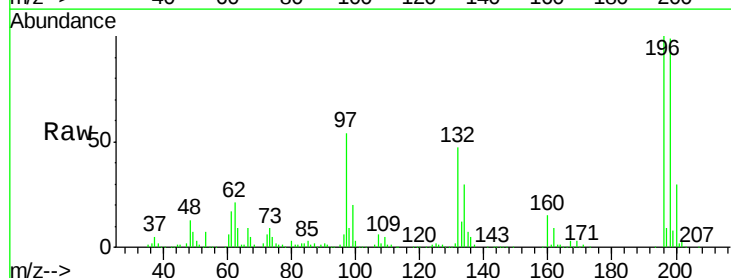
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

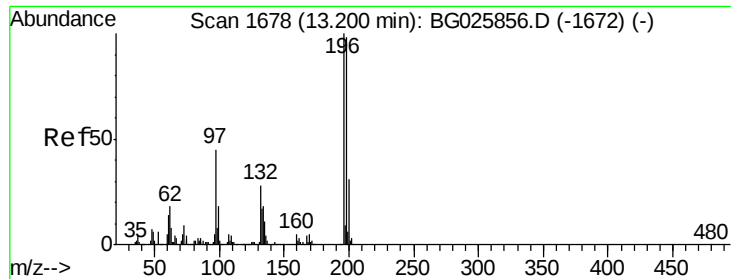
Tgt Ion:330 Resp: 368949  
Ion Ratio Lower Upper  
330 100  
332 95.4 77.3 115.9  
141 39.0 32.1 48.1



#42  
2,4,6-Trichlorophenol  
Concen: 41.73 ng  
RT: 13.13 min Scan# 1666  
Delta R.T. -0.00 min  
Lab File: BG025857.D  
Acq: 17 Feb 2017 13:39

Tgt Ion:196 Resp: 327812  
Ion Ratio Lower Upper  
196 100  
198 99.0 81.4 122.2  
200 30.5 27.0 40.6

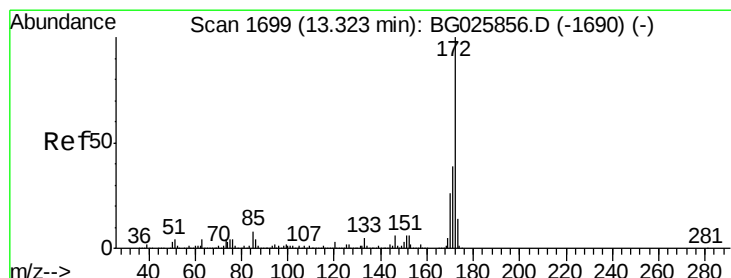
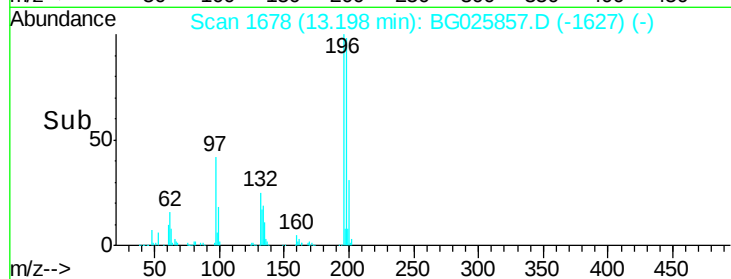
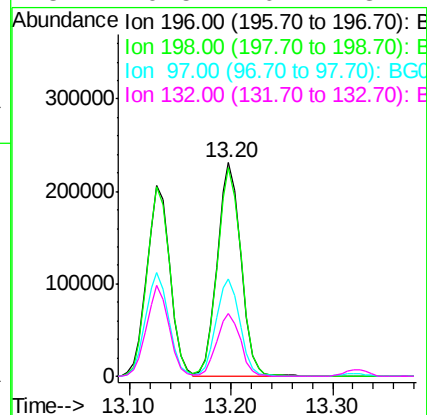
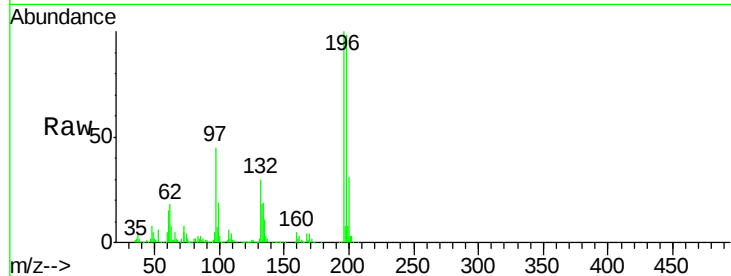




#43  
 2,4,5-Trichlorophenol  
 Concen: 43.84 ng  
 RT: 13.20 min Scan# 1678  
 Delta R.T. -0.00 min  
 Lab File: BG025857.D  
 Acq: 17 Feb 2017 13:39

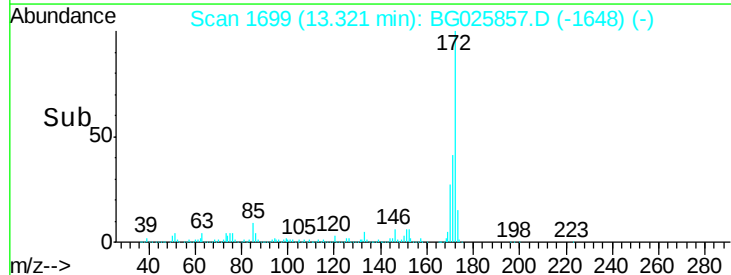
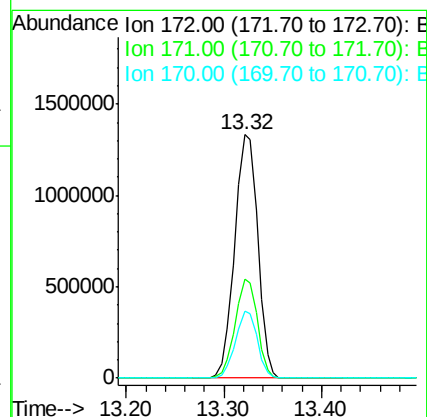
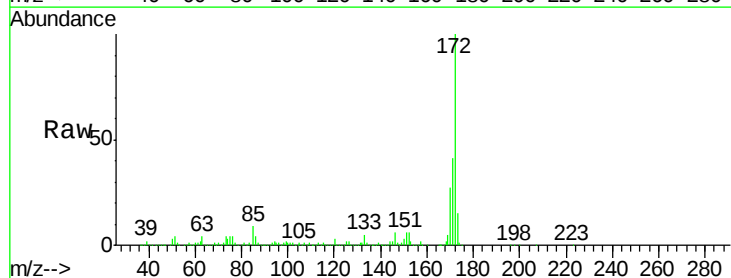
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

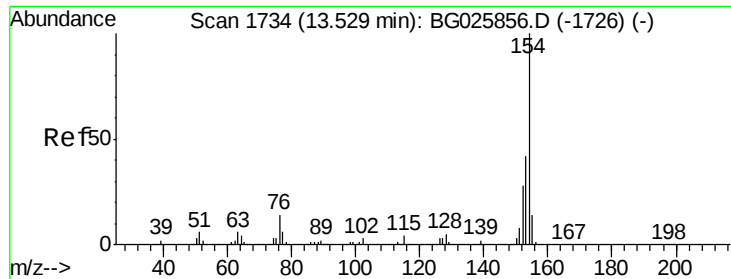
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 97.8  | 79.9  | 119.9 |
| 97      | 45.4  | 45.4  | 68.0  |
| 132     | 29.5  | 20.7  | 31.1  |



#44  
 2-Fluorobiphenyl  
 Concen: 88.59 ng  
 RT: 13.32 min Scan# 1699  
 Delta R.T. -0.00 min  
 Lab File: BG025857.D  
 Acq: 17 Feb 2017 13:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 40.6  | 32.2  | 48.2  |
| 170     | 27.3  | 21.8  | 32.6  |

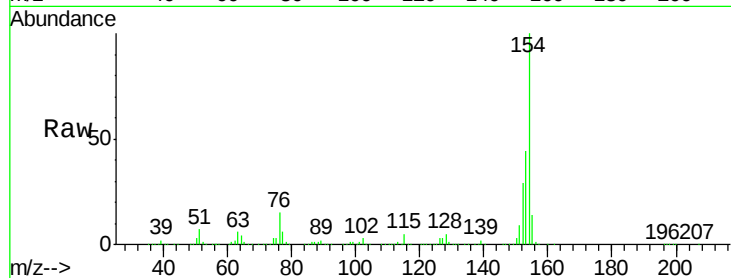




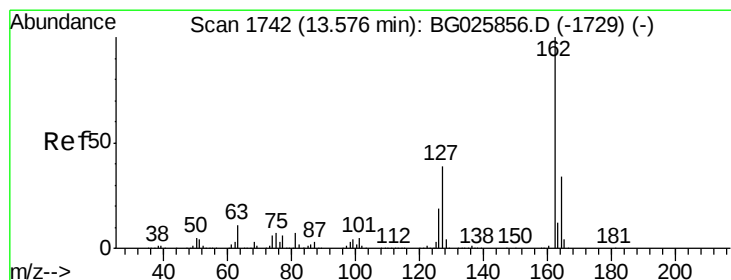
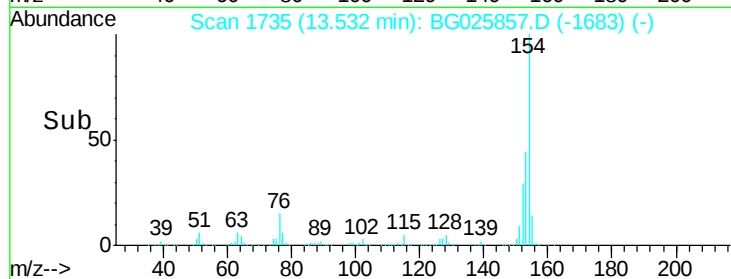
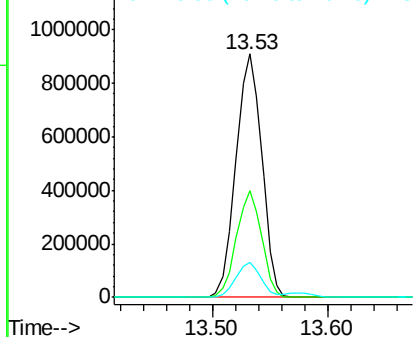
#45  
 1,1'-Biphenyl  
 Concen: 50.53 ng  
 RT: 13.53 min Scan# 1735  
 Delta R.T. 0.00 min  
 Lab File: BG025857.D  
 Acq: 17 Feb 2017 13:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

Tgt Ion:154 Resp: 1408787  
 Ion Ratio Lower Upper  
 154 100  
 153 43.6 23.0 63.0  
 76 14.5 0.0 33.5

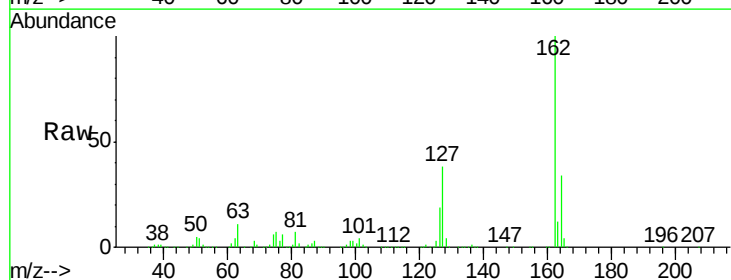


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BGC

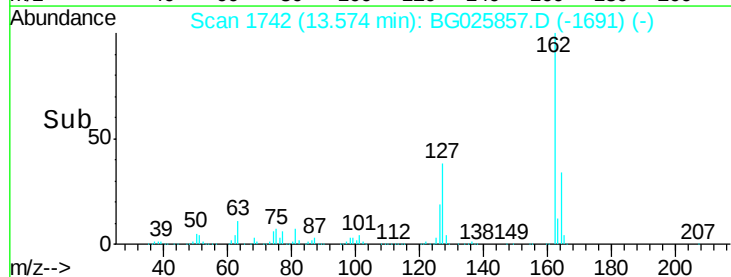
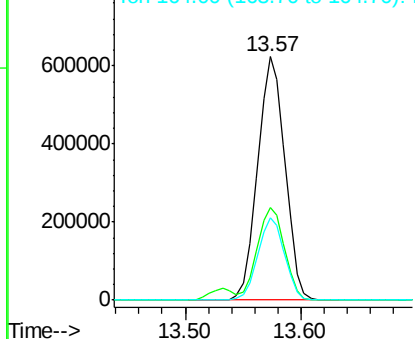


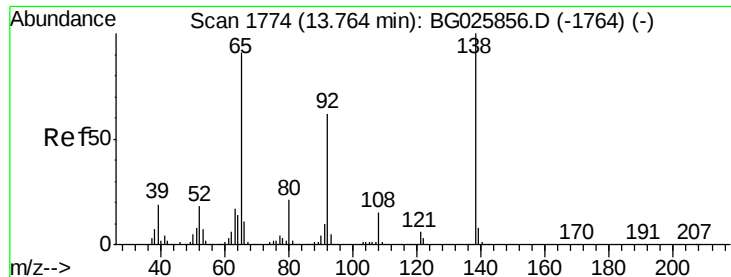
#46  
 2-Chloronaphthalene  
 Concen: 46.86 ng  
 RT: 13.57 min Scan# 1742  
 Delta R.T. -0.00 min  
 Lab File: BG025857.D  
 Acq: 17 Feb 2017 13:39

Tgt Ion:162 Resp: 1025955  
 Ion Ratio Lower Upper  
 162 100  
 127 38.2 32.2 48.4  
 164 33.6 27.3 40.9



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

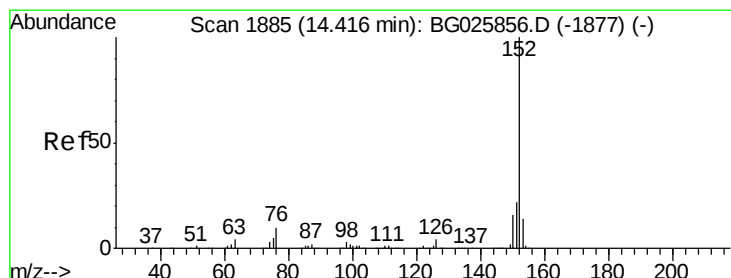
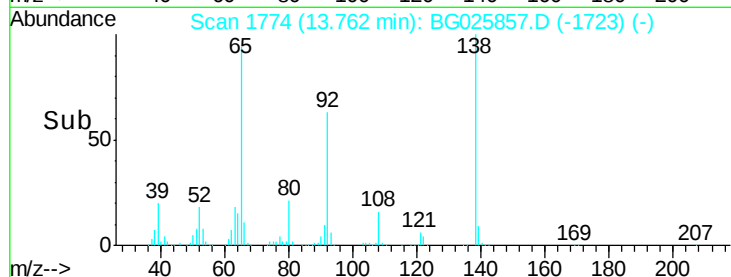
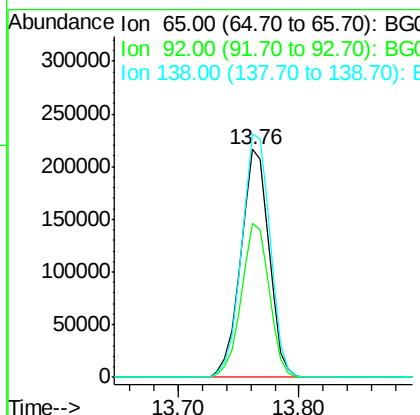
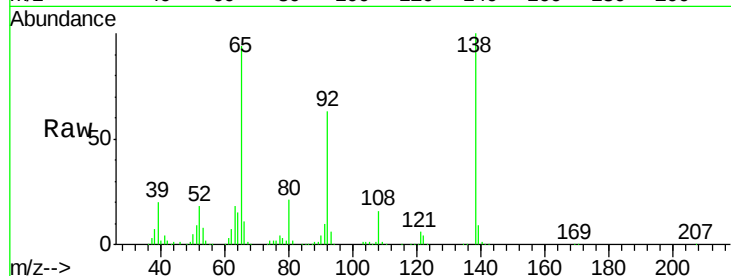




#47  
2-Nitroaniline  
Concen: 37.48 ng  
RT: 13.76 min Scan# 1774  
Delta R.T. -0.00 min  
Lab File: BG025857.D  
Acq: 17 Feb 2017 13:39

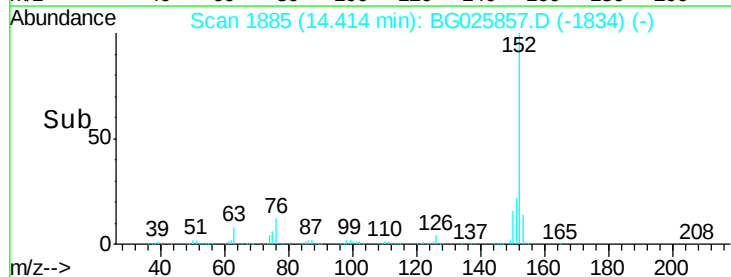
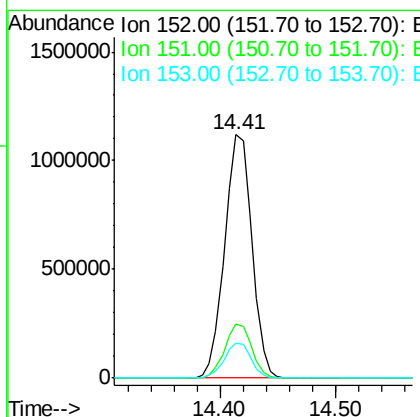
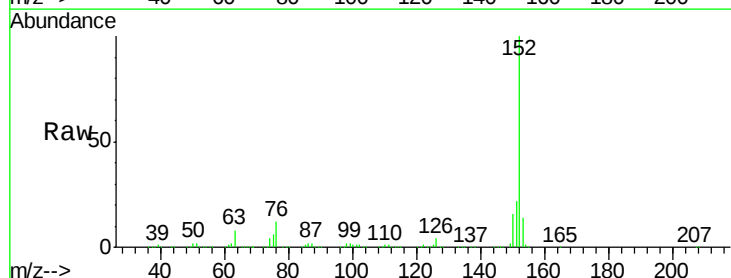
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

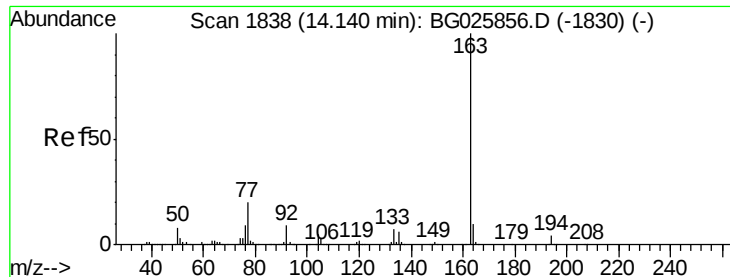
Tgt Ion: 65 Resp: 353123  
Ion Ratio Lower Upper  
65 100  
92 67.9 49.0 73.4  
138 106.9 58.6 87.8#



#48  
Acenaphthylene  
Concen: 50.21 ng  
RT: 14.41 min Scan# 1885  
Delta R.T. -0.00 min  
Lab File: BG025857.D  
Acq: 17 Feb 2017 13:39

Tgt Ion: 152 Resp: 1828514  
Ion Ratio Lower Upper  
152 100  
151 22.5 18.2 27.2  
153 14.4 11.3 16.9





#49

Dimethylphthalate

Concen: 44.06 ng

RT: 14.14 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

Instrument :

BNA\_G

ClientSampleId :

SSTDIC050

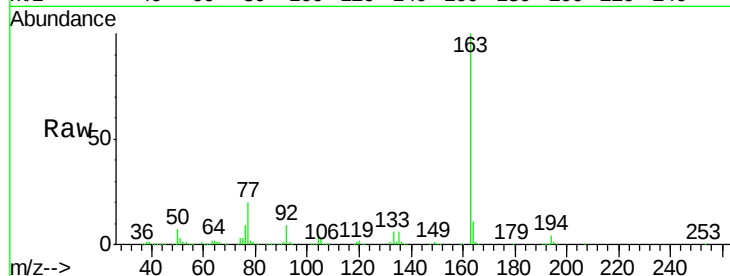
Tgt Ion:163 Resp: 1329622

Ion Ratio Lower Upper

163 100

194 4.5 3.8 5.6

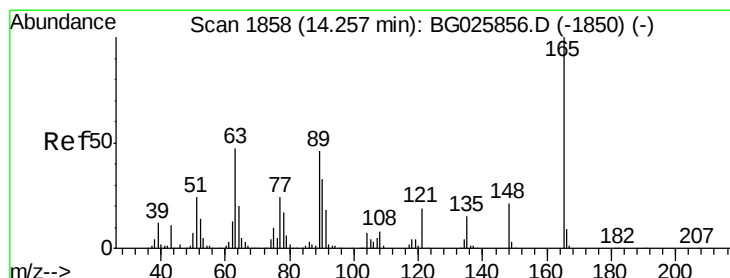
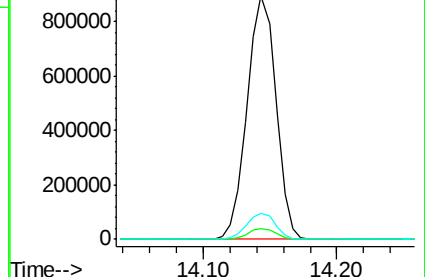
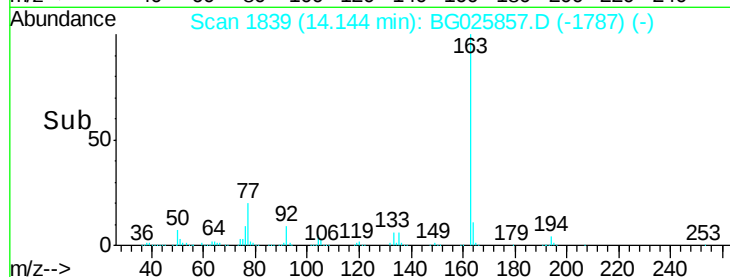
164 10.7 9.3 13.9



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: 47.18 ng

RT: 14.26 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

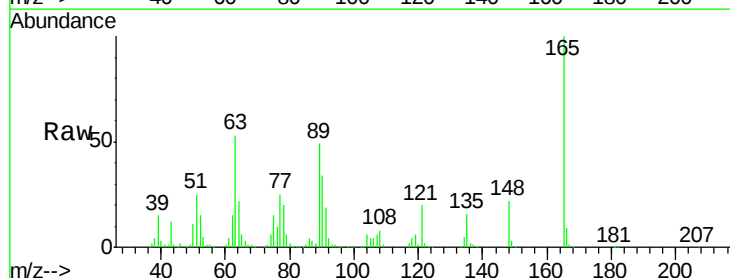
Tgt Ion:165 Resp: 322372

Ion Ratio Lower Upper

165 100

63 53.0 63.9 95.9#

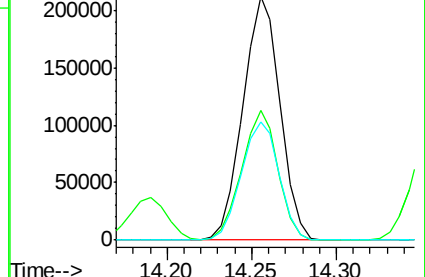
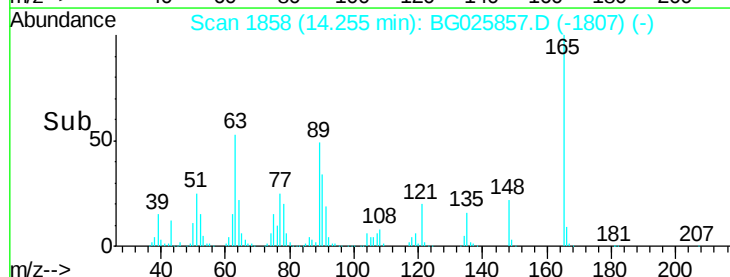
89 48.6 58.6 88.0#

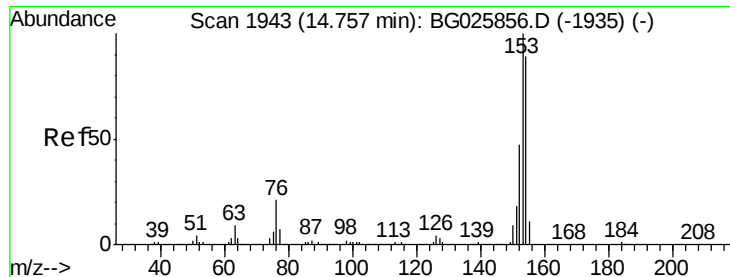


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 53.75 ng

RT: 14.75 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

Instrument :

BNA\_G

ClientSampleId :

SSTDIC050

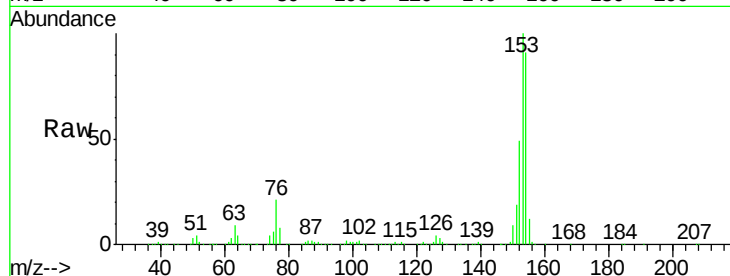
Tgt Ion:154 Resp: 1209677

Ion Ratio Lower Upper

154 100

153 110.0 87.8 131.6

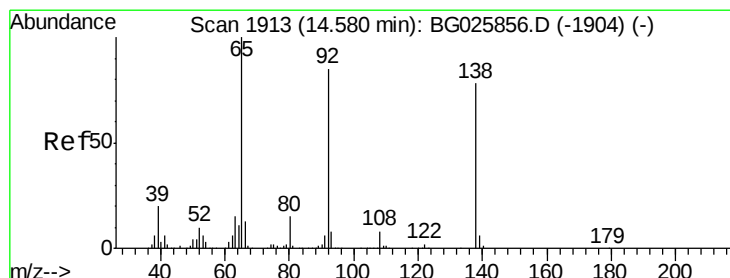
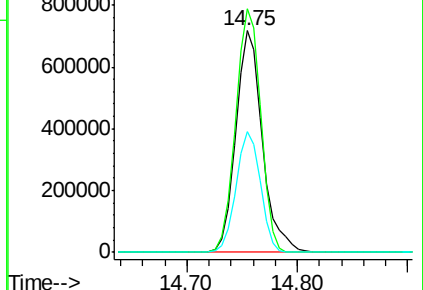
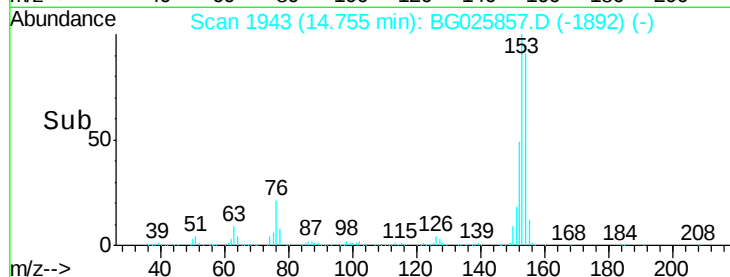
152 54.3 42.2 63.4



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: 55.24 ng

RT: 14.58 min Scan# 1914

Delta R.T. 0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

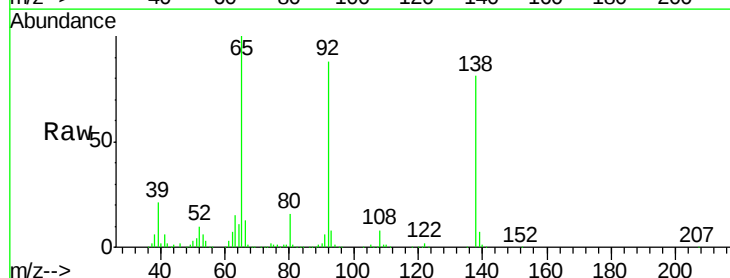
Tgt Ion:138 Resp: 355955

Ion Ratio Lower Upper

138 100

108 9.8 10.9 16.3#

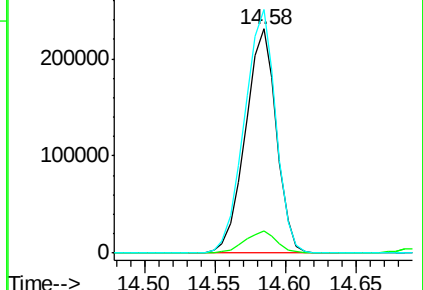
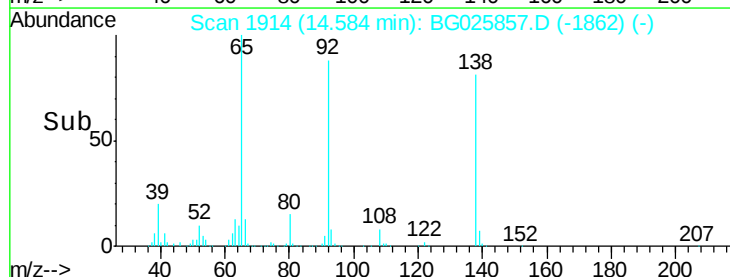
92 108.6 115.3 172.9#

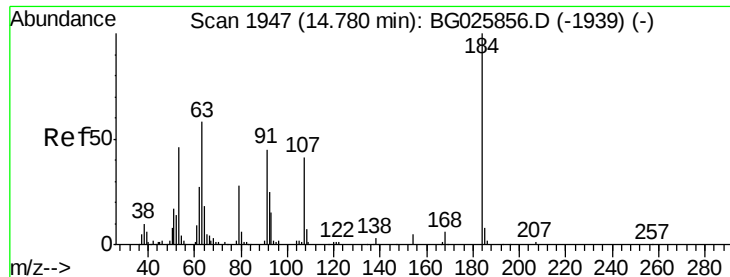


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

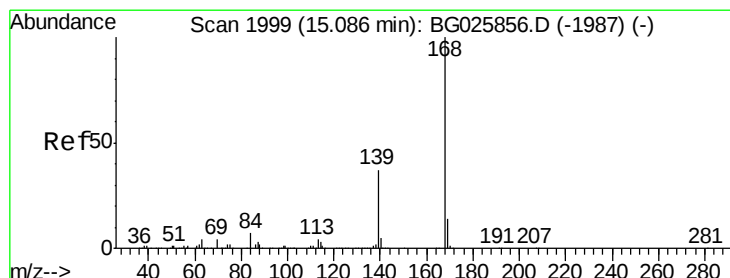
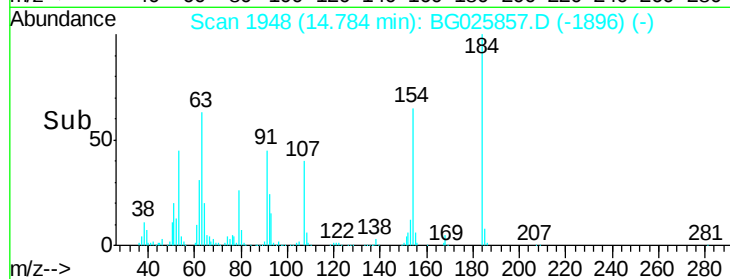
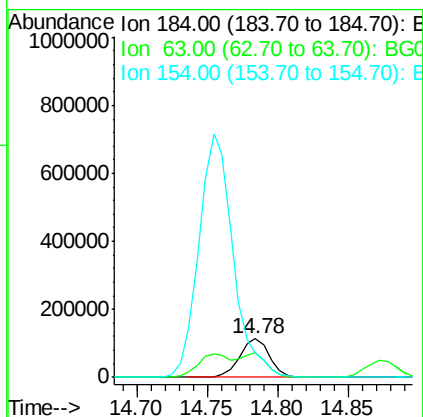
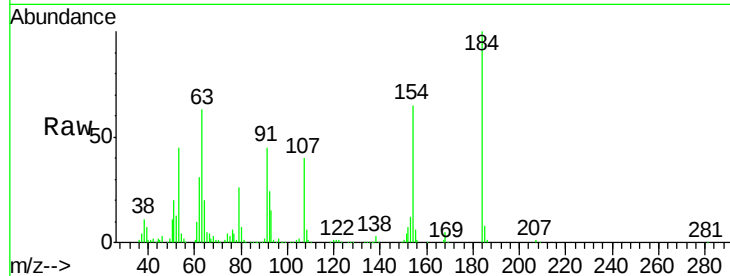




#53  
2,4-Dinitrophenol  
Concen: 52.51 ng  
RT: 14.78 min Scan# 1948  
Delta R.T. 0.00 min  
Lab File: BG025857.D  
Acq: 17 Feb 2017 13:39

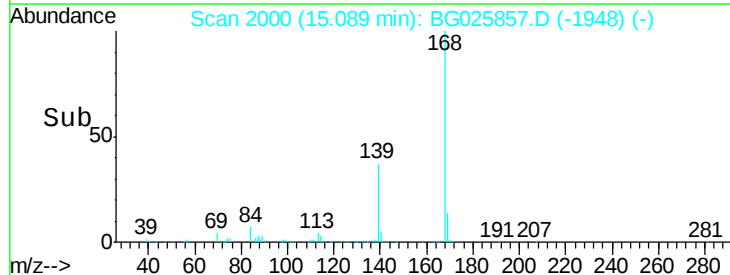
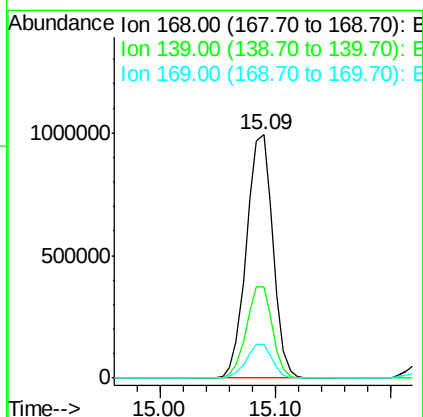
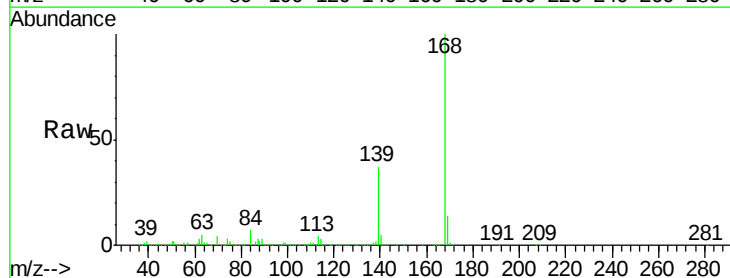
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

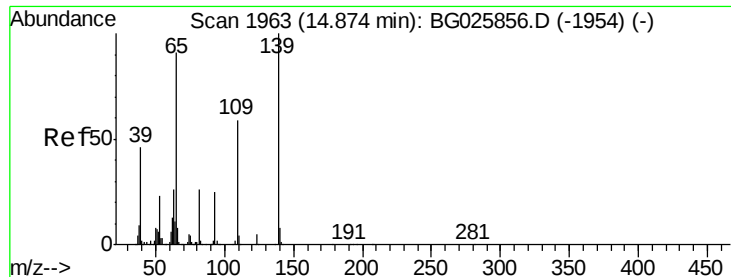
Tgt Ion:184 Resp: 167685  
Ion Ratio Lower Upper  
184 100  
63 62.9 52.7 79.1  
154 65.3 57.3 85.9



#54  
Dibenzofuran  
Concen: 46.29 ng  
RT: 15.09 min Scan# 2000  
Delta R.T. 0.00 min  
Lab File: BG025857.D  
Acq: 17 Feb 2017 13:39

Tgt Ion:168 Resp: 1574144  
Ion Ratio Lower Upper  
168 100  
139 37.3 35.3 52.9  
169 14.0 11.5 17.3

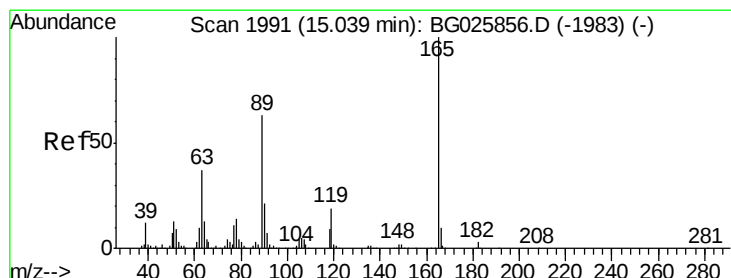
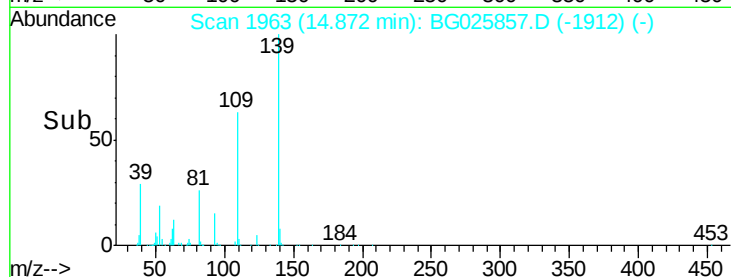
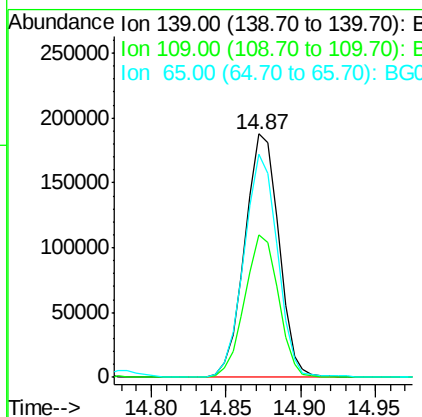
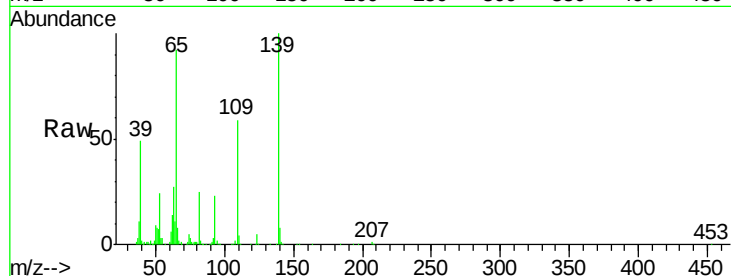




#55  
4-Nitrophenol  
Concen: 68.68 ng  
RT: 14.87 min Scan# 1963  
Delta R.T. -0.00 min  
Lab File: BG025857.D  
Acq: 17 Feb 2017 13:39

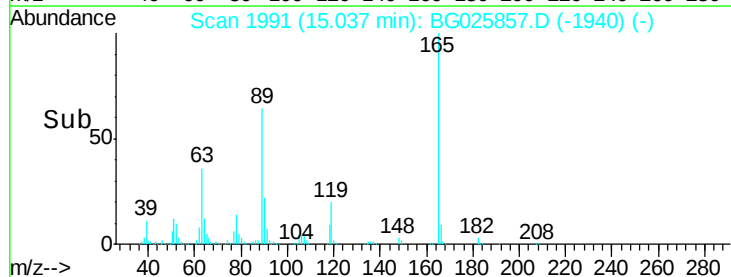
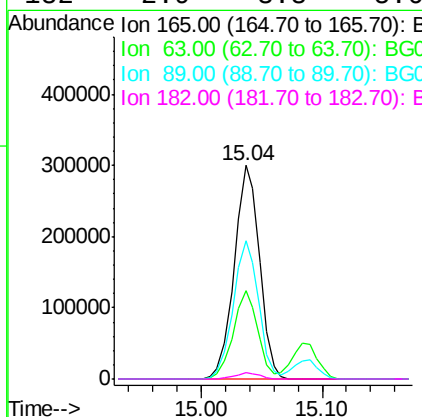
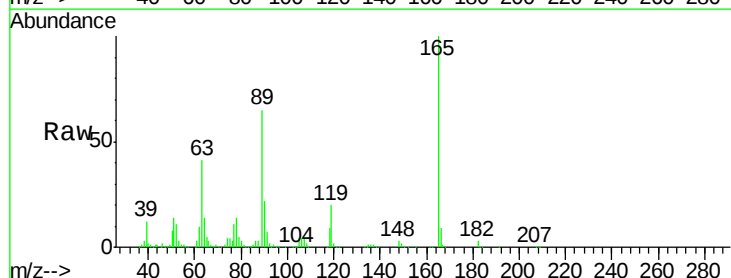
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

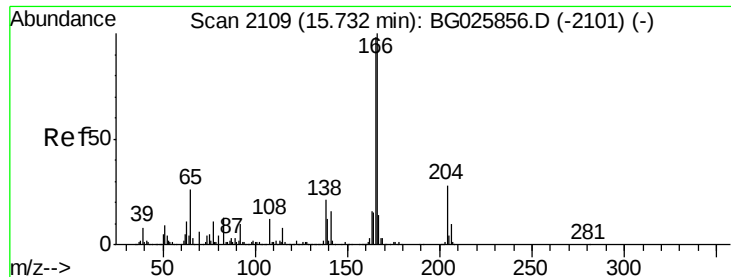
| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 139     | 100   |       |        |
| 109     | 58.6  | 101.2 | 141.2# |
| 65      | 91.9  | 135.3 | 175.3# |



#56  
2,4-Dinitrotoluene  
Concen: 43.69 ng  
RT: 15.04 min Scan# 1991  
Delta R.T. -0.00 min  
Lab File: BG025857.D  
Acq: 17 Feb 2017 13:39

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 165     | 100   |       |        |
| 63      | 41.2  | 44.0  | 66.0#  |
| 89      | 64.8  | 67.3  | 100.9# |
| 182     | 2.9   | 3.8   | 5.6#   |





#57

Fluorene

Concen: 46.13 ng

RT: 15.74 min Scan# 2110

Delta R.T. 0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

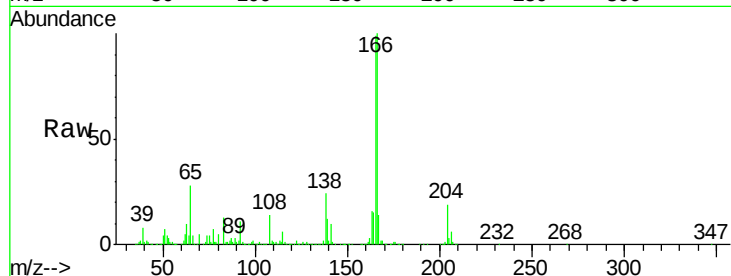
Tgt Ion:166 Resp: 1393683

Ion Ratio Lower Upper

166 100

165 98.9 78.6 117.8

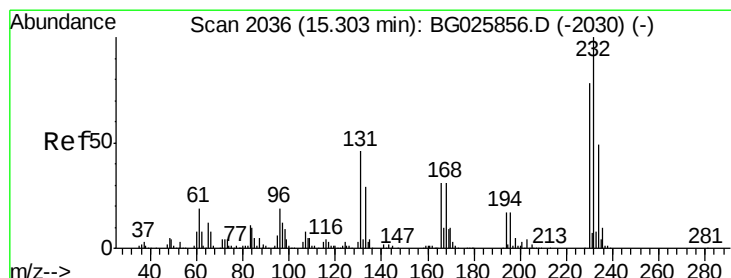
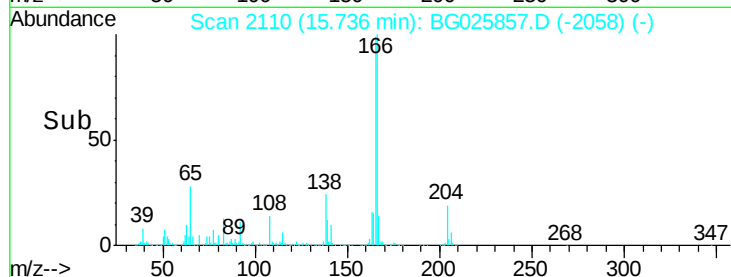
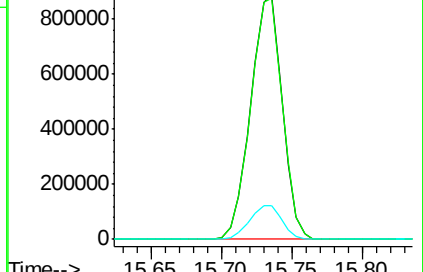
167 14.0 11.6 17.4



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: 41.56 ng

RT: 15.31 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

Tgt Ion:232 Resp: 329424

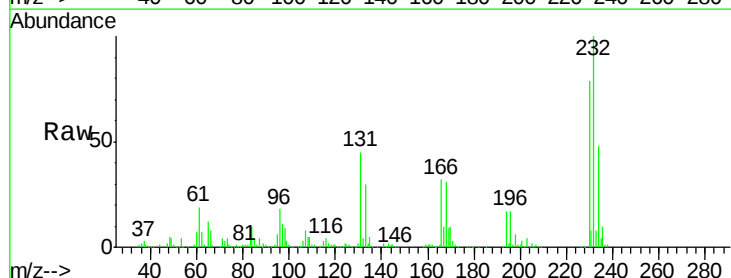
Ion Ratio Lower Upper

232 100

131 45.8 34.9 52.3

130 2.5 2.3 3.5

166 32.3 24.2 36.4

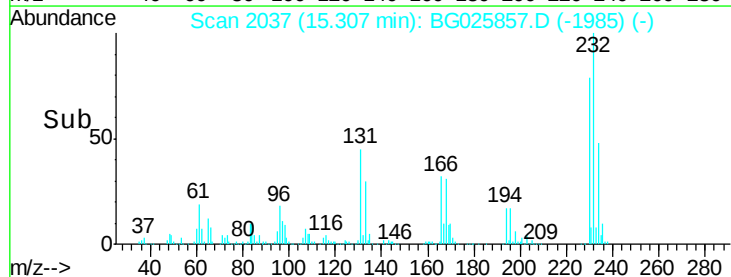
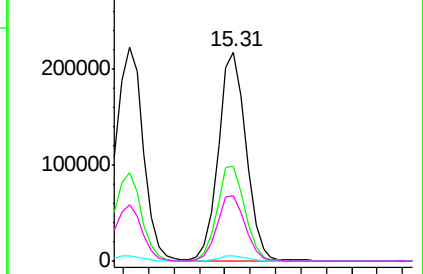


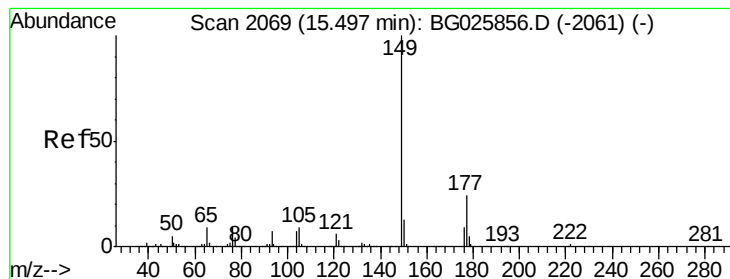
Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.05 ng

RT: 15.50 min Scan# 2070

Delta R.T. 0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

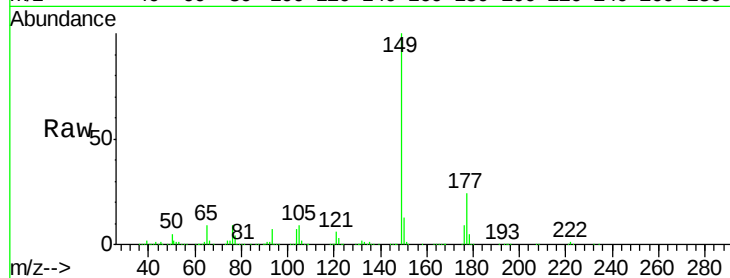
Tgt Ion:149 Resp: 1377119

Ion Ratio Lower Upper

149 100

177 24.3 20.1 30.1

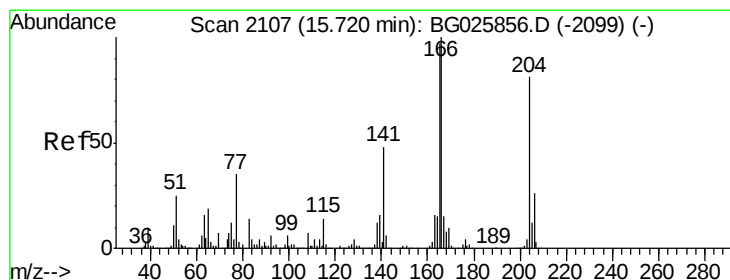
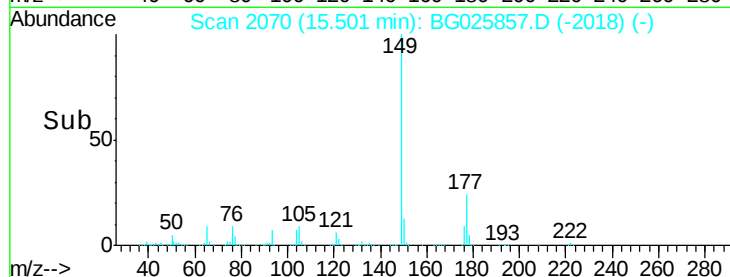
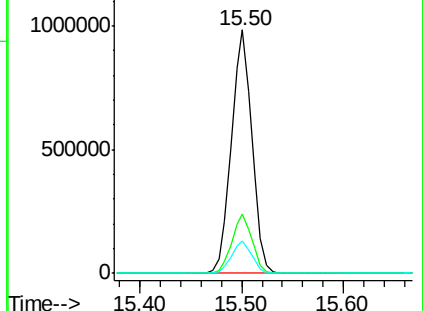
150 13.3 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.66 ng

RT: 15.72 min Scan# 2108

Delta R.T. 0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

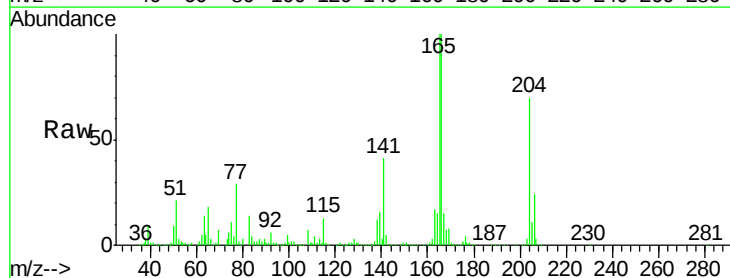
Tgt Ion:204 Resp: 649492

Ion Ratio Lower Upper

204 100

206 34.1 30.1 45.1

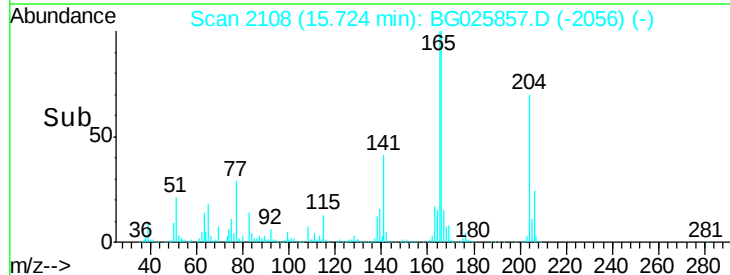
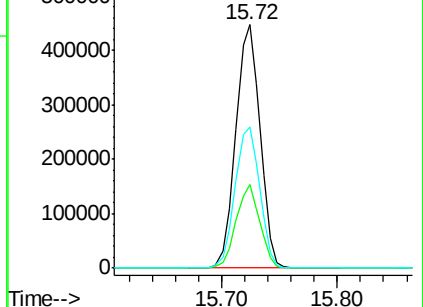
141 58.2 50.6 76.0

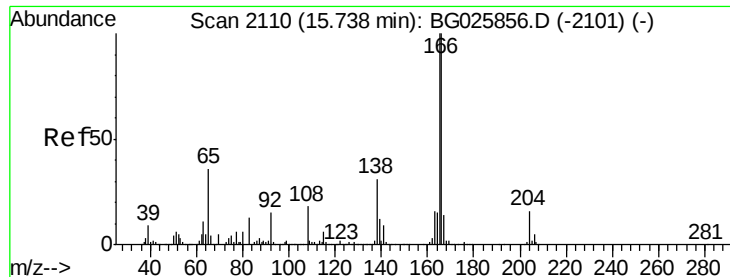


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

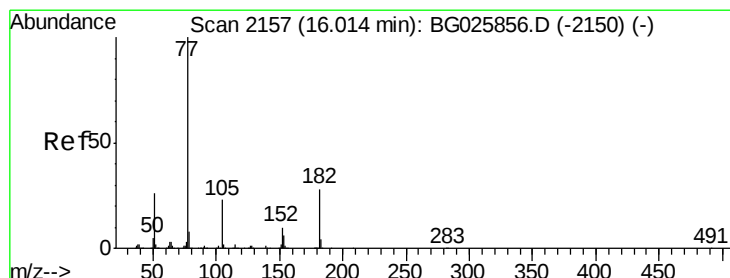
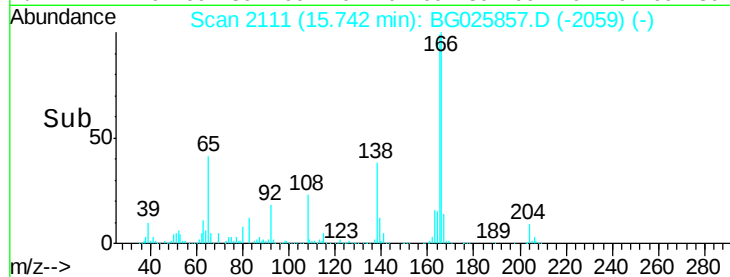
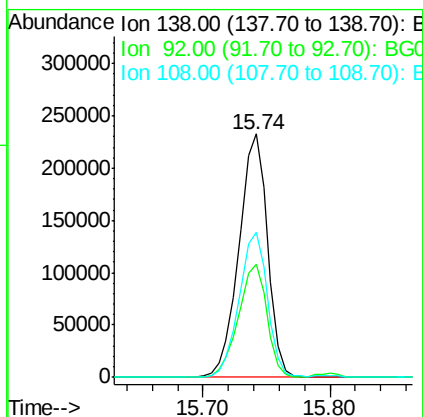
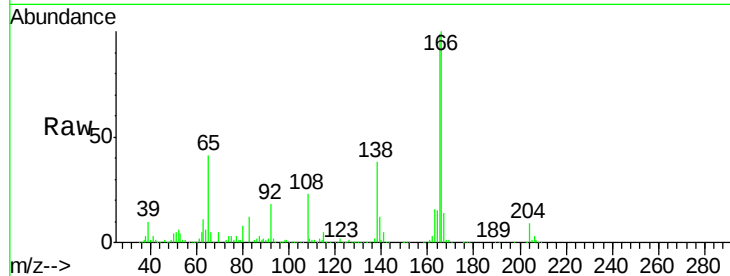




#61  
4-Nitroaniline  
Concen: 56.05 ng  
RT: 15.74 min Scan# 2111  
Delta R.T. 0.00 min  
Lab File: BG025857.D  
Acq: 17 Feb 2017 13:39

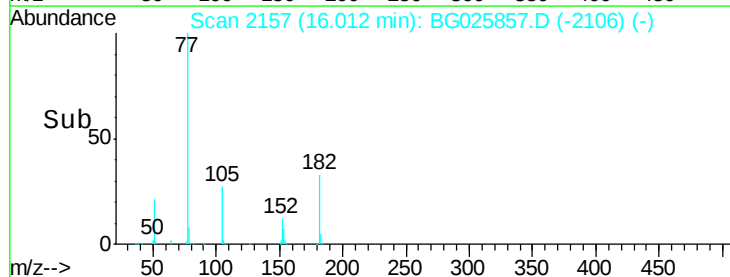
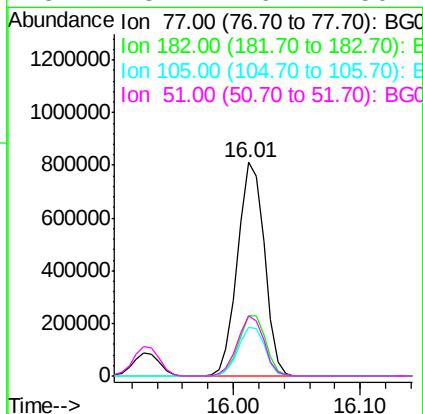
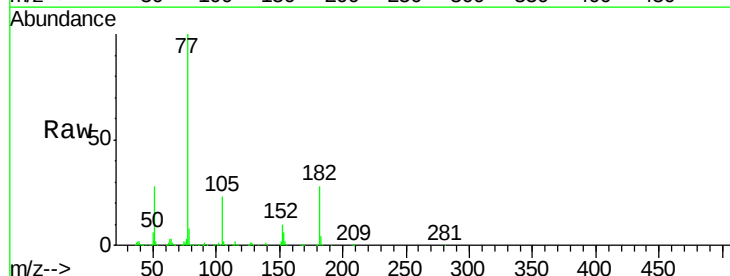
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

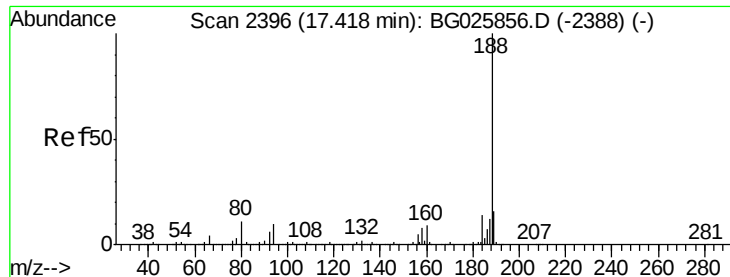
Tgt Ion: 138 Resp: 362677  
Ion Ratio Lower Upper  
138 100  
92 46.5 44.2 84.2  
108 59.6 104.8 144.8#



#62  
Azobenzene  
Concen: 36.48 ng  
RT: 16.01 min Scan# 2157  
Delta R.T. -0.00 min  
Lab File: BG025857.D  
Acq: 17 Feb 2017 13:39

Tgt Ion: 77 Resp: 1187478  
Ion Ratio Lower Upper  
77 100  
182 28.2 4.7 44.7  
105 23.0 0.0 36.3  
51 28.2 16.4 56.4

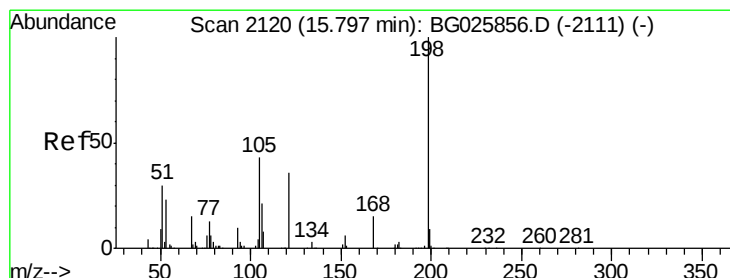
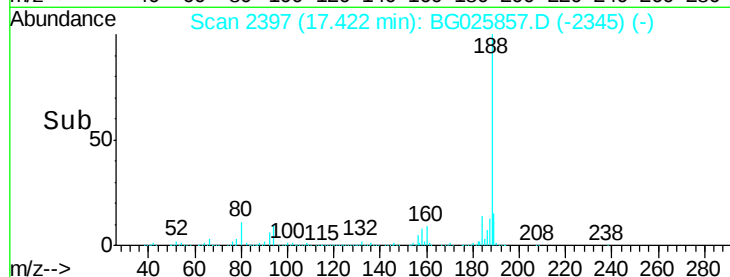
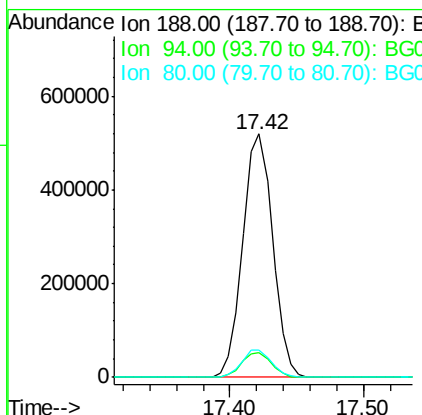
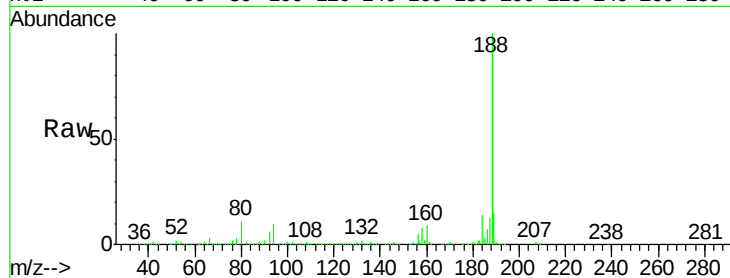




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.42 min Scan# 2397  
Delta R.T. 0.00 min  
Lab File: BG025857.D  
Acq: 17 Feb 2017 13:39

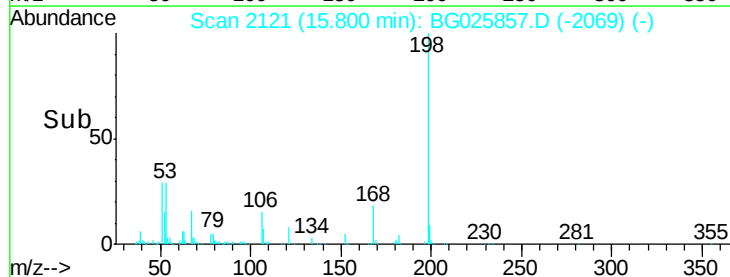
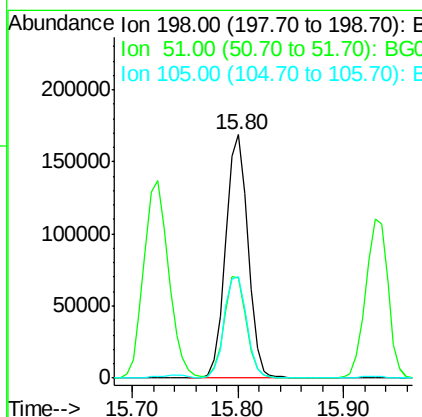
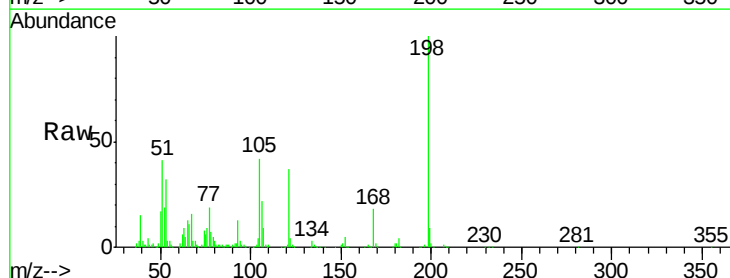
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

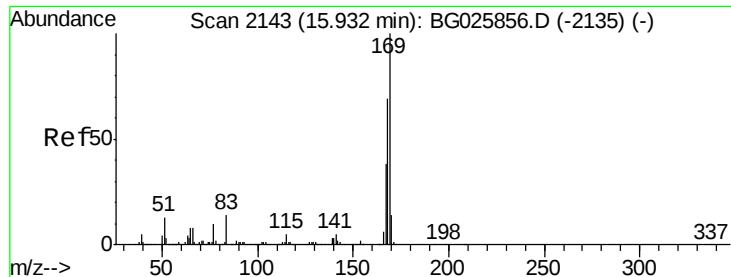
Tgt Ion:188 Resp: 804180  
Ion Ratio Lower Upper  
188 100  
94 10.2 5.8 8.8#  
80 11.2 7.5 11.3



#64  
4,6-Dinitro-2-methylphenol  
Concen: 42.96 ng  
RT: 15.80 min Scan# 2121  
Delta R.T. 0.00 min  
Lab File: BG025857.D  
Acq: 17 Feb 2017 13:39

Tgt Ion:198 Resp: 245490  
Ion Ratio Lower Upper  
198 100  
51 41.4 22.6 62.6  
105 41.8 14.4 54.4





#65

n-Nitrosodiphenylamine

Concen: 52.58 ng

RT: 15.94 min Scan# 2144

Delta R.T. 0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

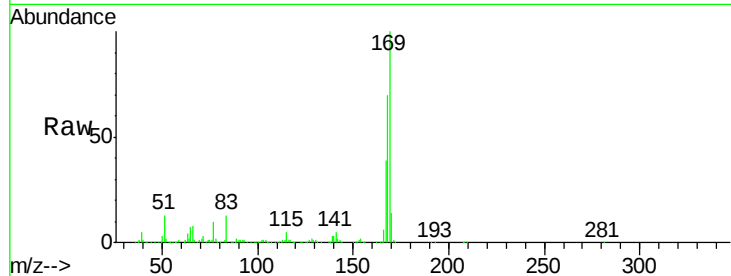
Tgt Ion:169 Resp: 1213767

Ion Ratio Lower Upper

169 100

168 69.8 55.7 83.5

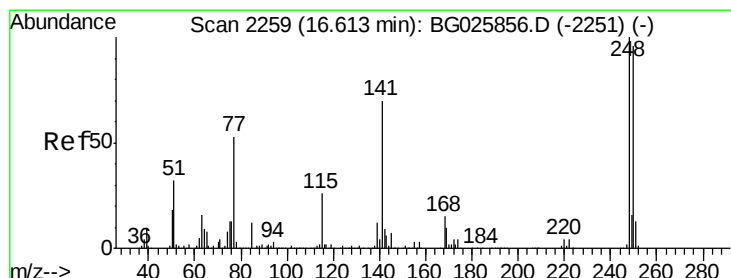
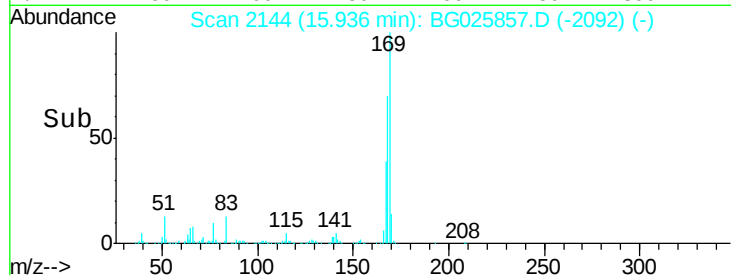
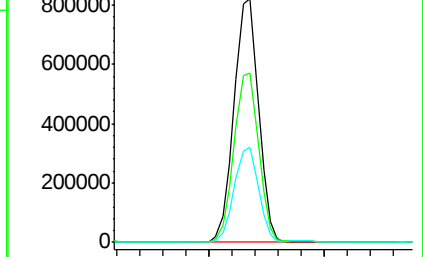
167 39.1 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.12 ng

RT: 16.61 min Scan# 2259

Delta R.T. -0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

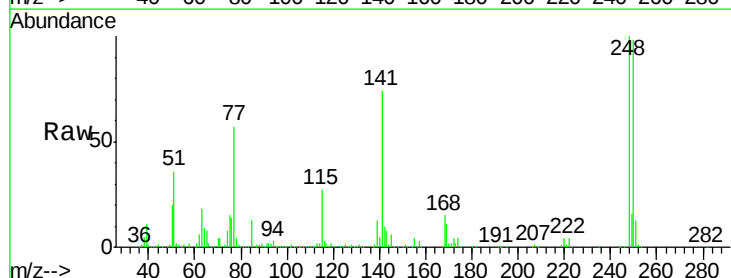
Tgt Ion:248 Resp: 421711

Ion Ratio Lower Upper

248 100

250 97.7 75.0 112.6

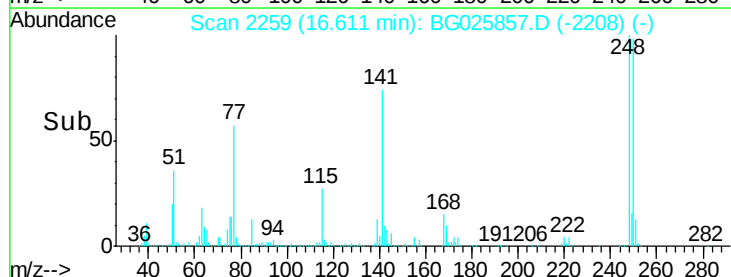
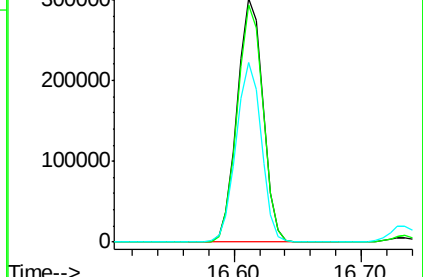
141 73.8 55.2 82.8

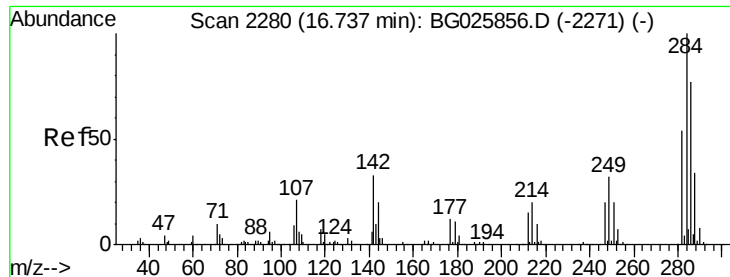


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

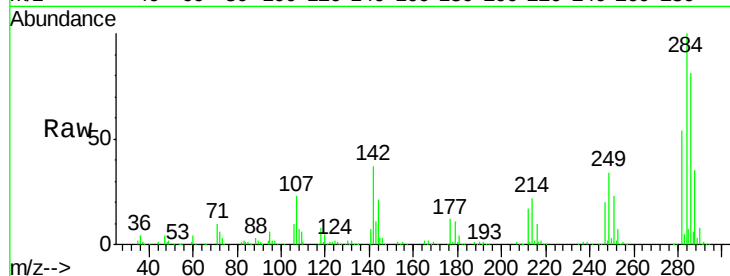




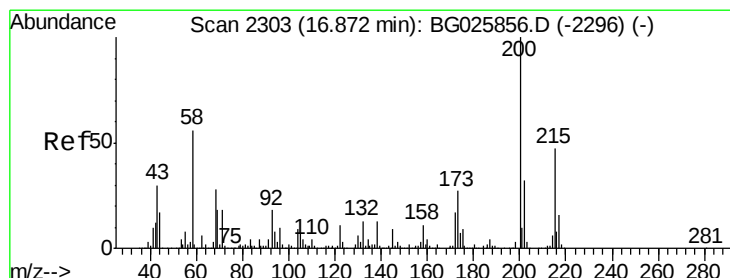
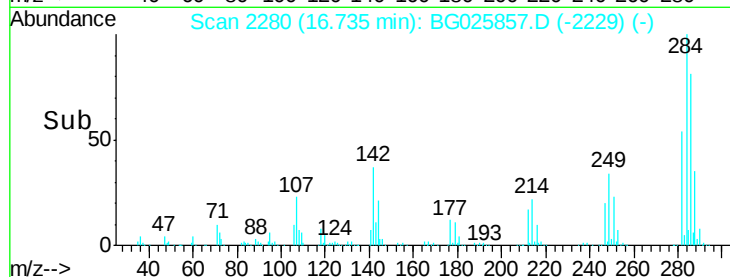
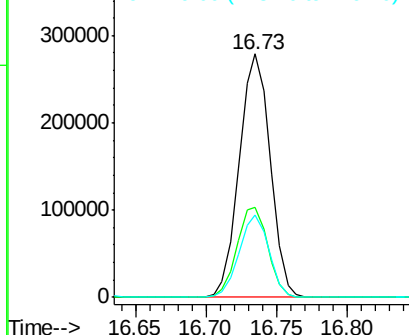
#67  
Hexachlorobenzene  
Concen: 38.80 ng  
RT: 16.73 min Scan# 2280  
Delta R.T. -0.00 min  
Lab File: BG025857.D  
Acq: 17 Feb 2017 13:39

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

Tgt Ion: 284 Resp: 426773  
Ion Ratio Lower Upper  
284 100  
142 36.9 29.9 44.9  
249 34.0 29.2 43.8

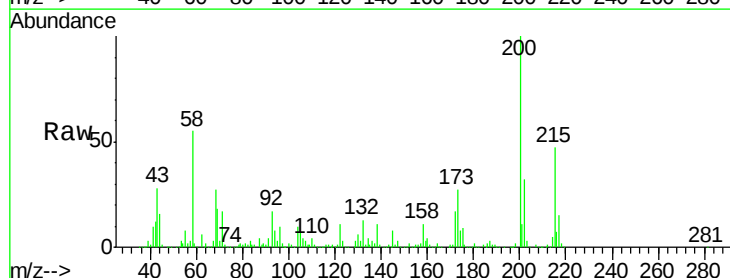


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

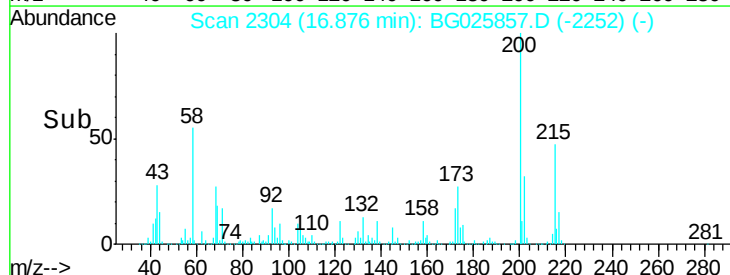
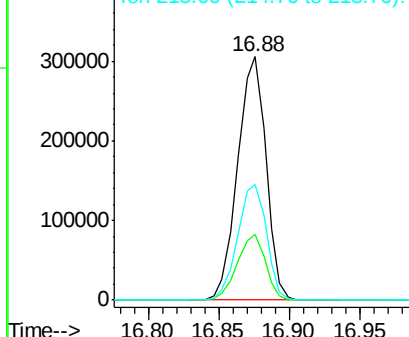


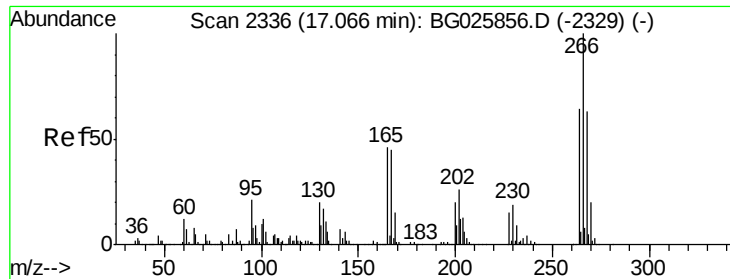
#68  
Atrazine  
Concen: 37.66 ng  
RT: 16.88 min Scan# 2304  
Delta R.T. 0.00 min  
Lab File: BG025857.D  
Acq: 17 Feb 2017 13:39

Tgt Ion: 200 Resp: 429135  
Ion Ratio Lower Upper  
200 100  
173 26.9 3.0 43.0  
215 47.4 28.4 68.4



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

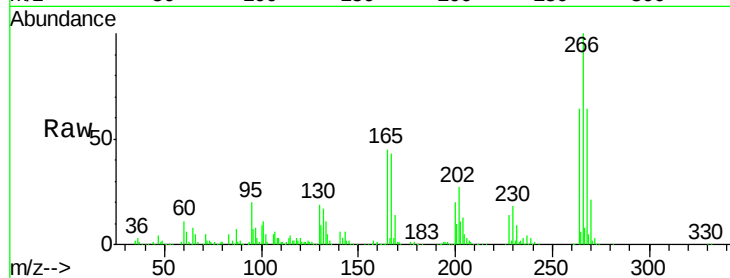




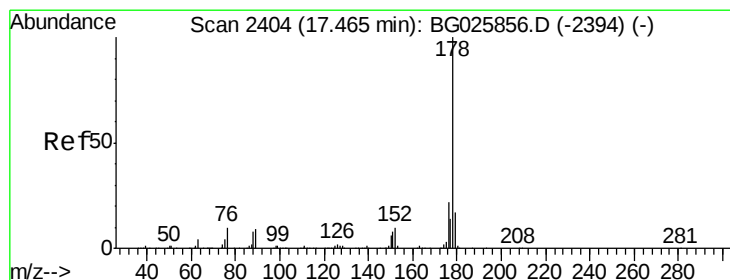
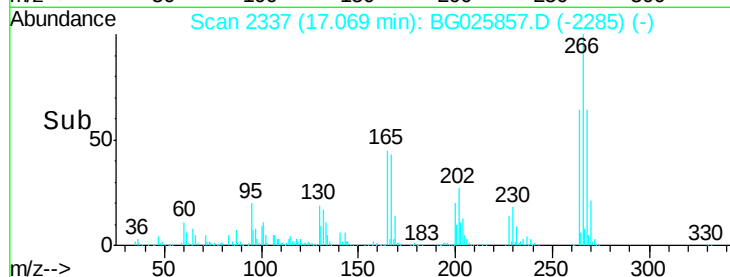
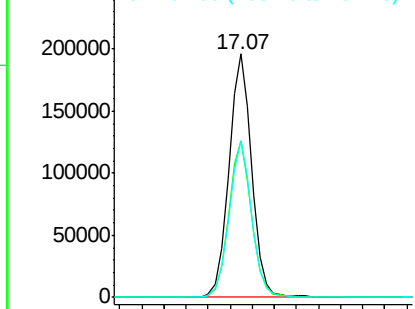
#69  
 Pentachlorophenol  
 Concen: 58.55 ng  
 RT: 17.07 min Scan# 2337  
 Delta R.T. 0.00 min  
 Lab File: BG025857.D  
 Acq: 17 Feb 2017 13:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.4  | 48.6  | 72.8  |
| 264     | 64.2  | 50.1  | 75.1  |

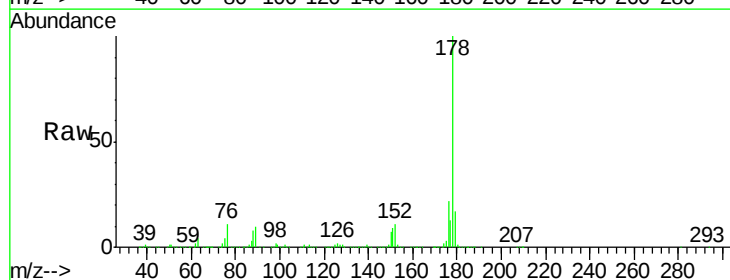


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

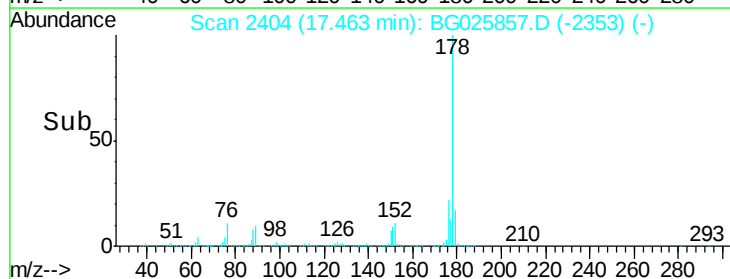
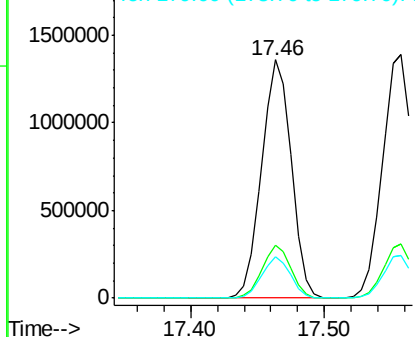


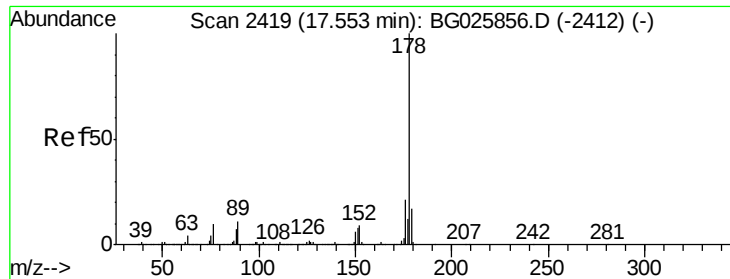
#70  
 Phenanthrene  
 Concen: 47.82 ng  
 RT: 17.46 min Scan# 2404  
 Delta R.T. -0.00 min  
 Lab File: BG025857.D  
 Acq: 17 Feb 2017 13:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 22.4  | 17.7  | 26.5  |
| 179     | 17.3  | 15.0  | 22.6  |



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

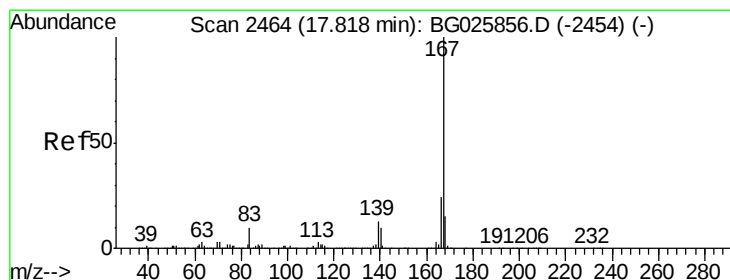
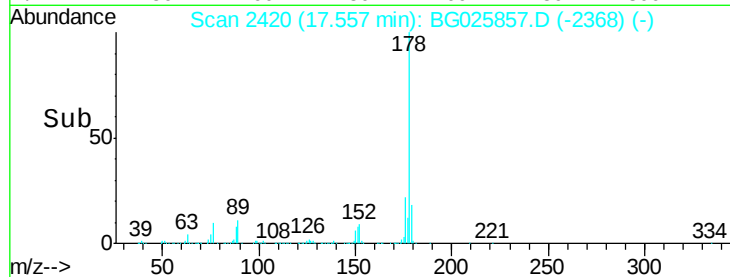
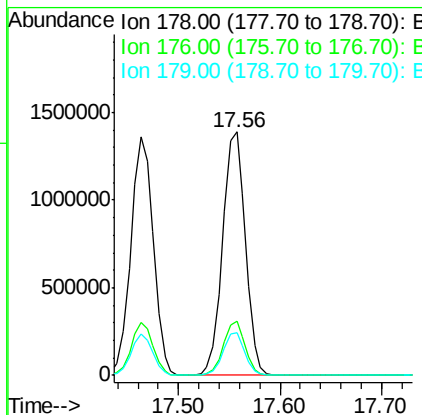
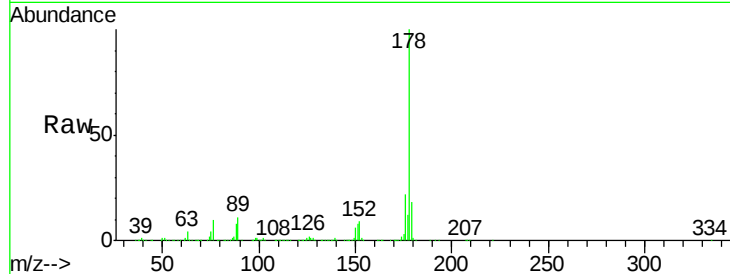




#71  
 Anthracene  
 Concen: 48.09 ng  
 RT: 17.56 min Scan# 2420  
 Delta R.T. 0.00 min  
 Lab File: BG025857.D  
 Acq: 17 Feb 2017 13:39

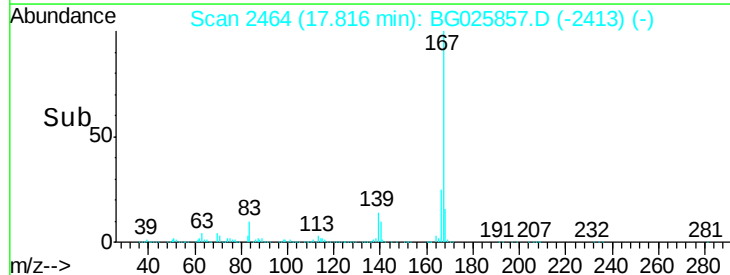
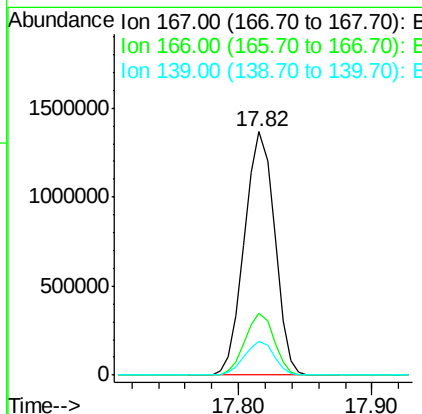
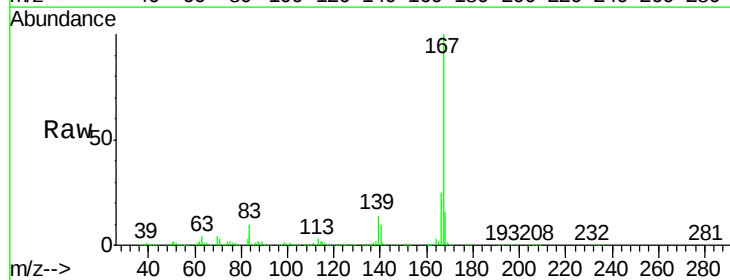
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

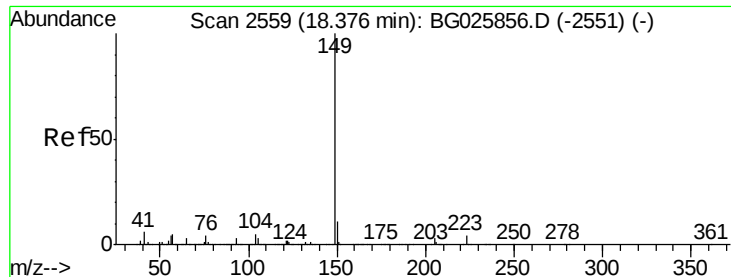
Tgt Ion:178 Resp: 2167063  
 Ion Ratio Lower Upper  
 178 100  
 176 22.1 16.4 24.6  
 179 17.7 13.8 20.8



#72  
 Carbazole  
 Concen: 49.11 ng  
 RT: 17.82 min Scan# 2464  
 Delta R.T. -0.00 min  
 Lab File: BG025857.D  
 Acq: 17 Feb 2017 13:39

Tgt Ion:167 Resp: 2143372  
 Ion Ratio Lower Upper  
 167 100  
 166 25.4 20.2 30.2  
 139 13.9 12.8 19.2

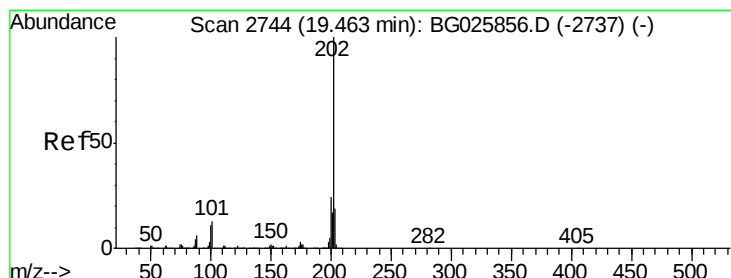
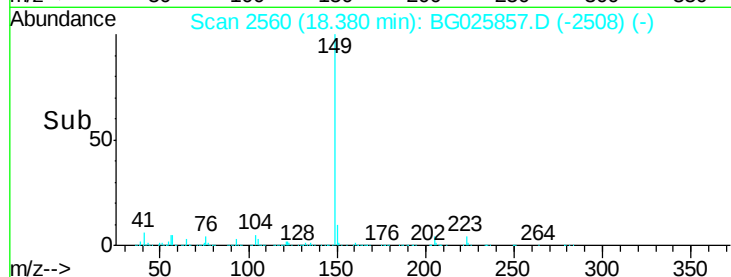
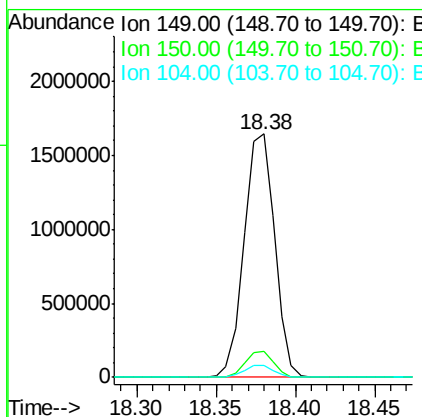
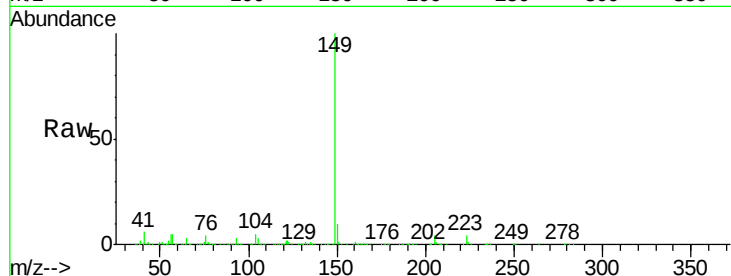




#73  
Di-n-butylphthalate  
Concen: 43.49 ng  
RT: 18.38 min Scan# 2560  
Delta R.T. 0.00 min  
Lab File: BG025857.D  
Acq: 17 Feb 2017 13:39

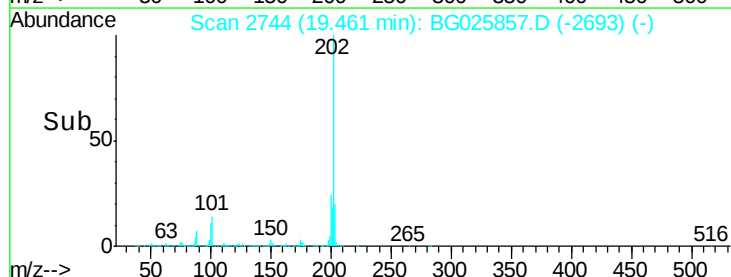
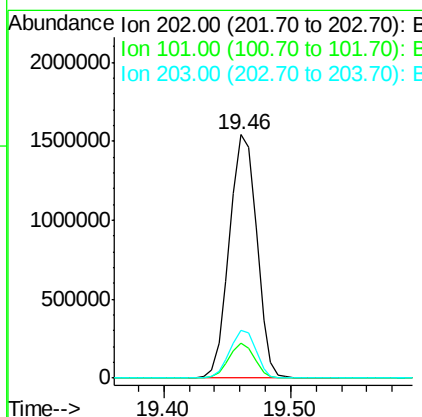
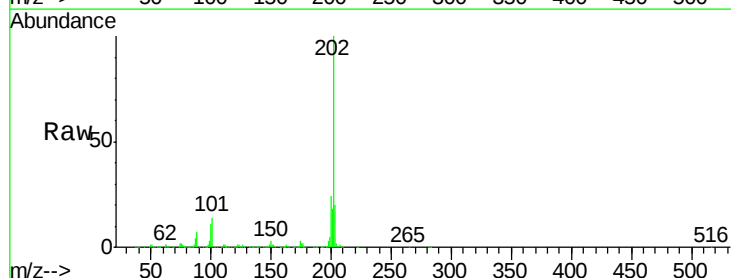
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

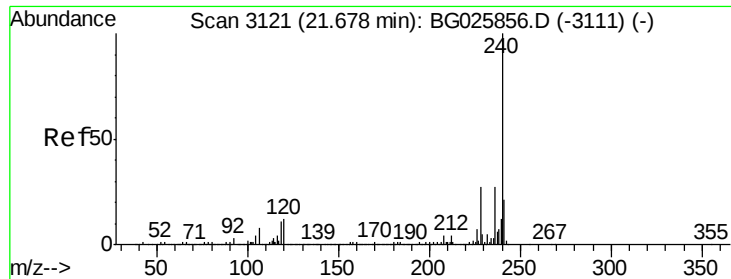
Tgt Ion:149 Resp: 2196219  
Ion Ratio Lower Upper  
149 100  
150 10.5 9.1 13.7  
104 4.9 6.7 10.1#



#74  
Fluoranthene  
Concen: 38.36 ng  
RT: 19.46 min Scan# 2744  
Delta R.T. -0.00 min  
Lab File: BG025857.D  
Acq: 17 Feb 2017 13:39

Tgt Ion:202 Resp: 2297429  
Ion Ratio Lower Upper  
202 100  
101 14.2 0.0 30.1  
203 19.8 1.3 41.3

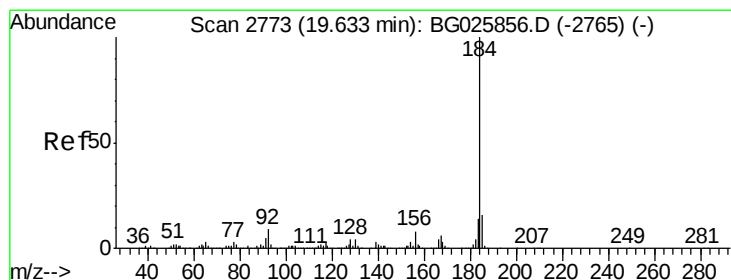
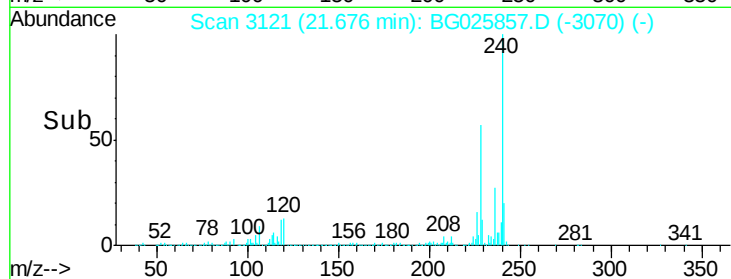
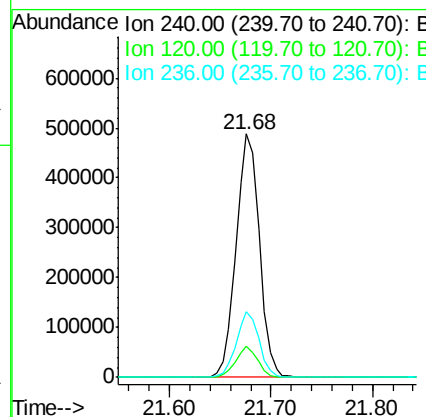
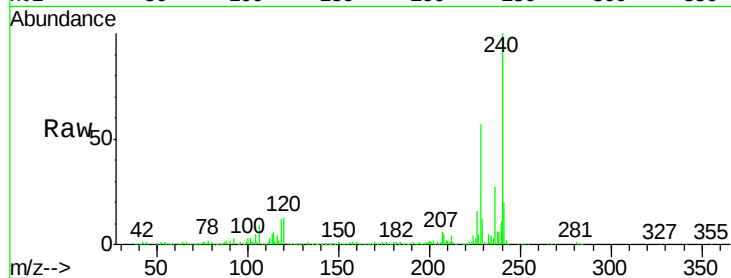




#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.68 min Scan# 3121  
Delta R.T. -0.00 min  
Lab File: BG025857.D  
Acq: 17 Feb 2017 13:39

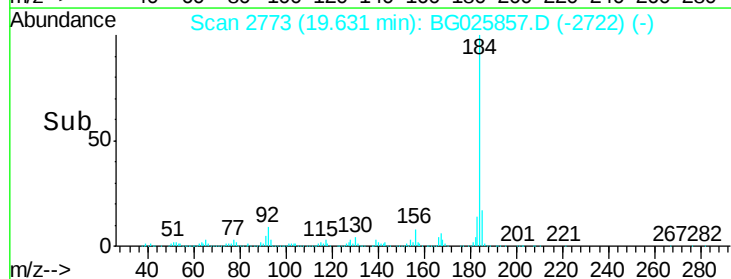
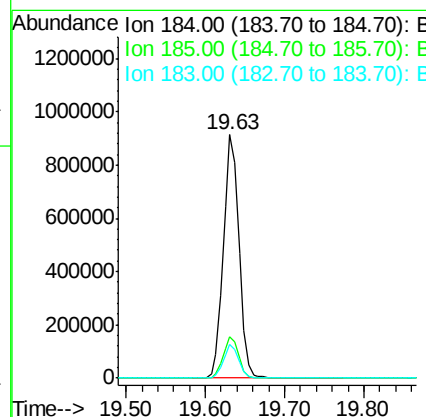
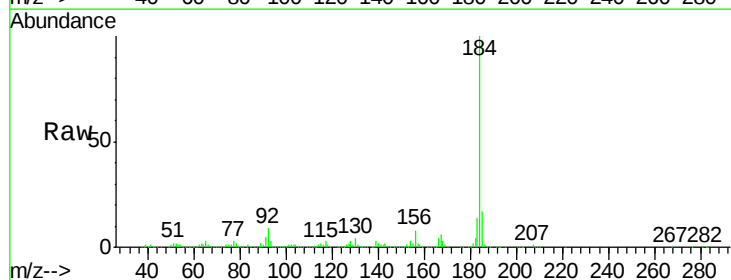
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

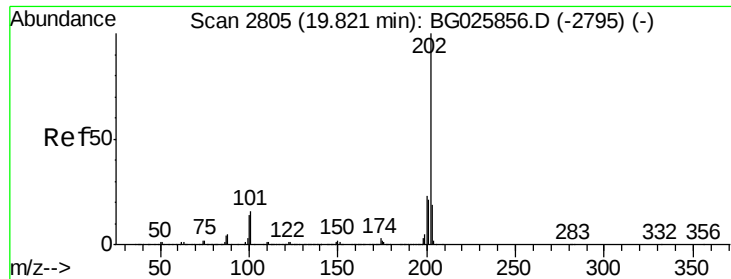
Tgt Ion:240 Resp: 777472  
Ion Ratio Lower Upper  
240 100  
120 12.6 5.7 8.5#  
236 27.1 22.2 33.4



#76  
Benzidine  
Concen: 46.59 ng  
RT: 19.63 min Scan# 2773  
Delta R.T. -0.00 min  
Lab File: BG025857.D  
Acq: 17 Feb 2017 13:39

Tgt Ion:184 Resp: 1243843  
Ion Ratio Lower Upper  
184 100  
185 16.9 13.0 19.6  
183 13.6 11.0 16.6

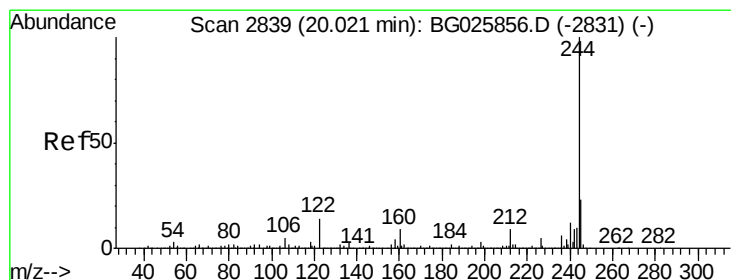
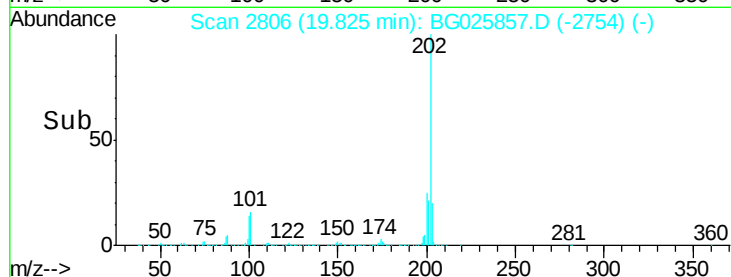
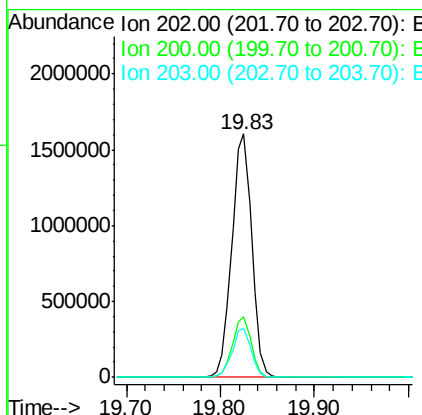
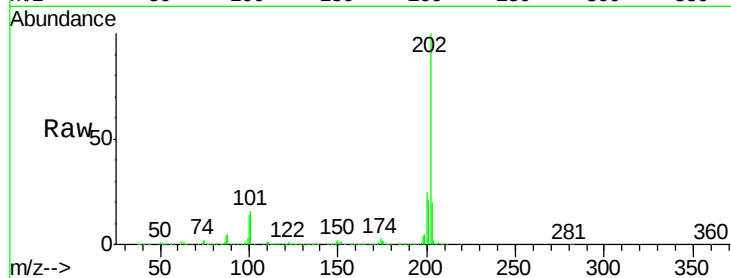




#77  
Pyrene  
Concen: 54.38 ng  
RT: 19.83 min Scan# 2806  
Delta R.T. 0.00 min  
Lab File: BG025857.D  
Acq: 17 Feb 2017 13:39

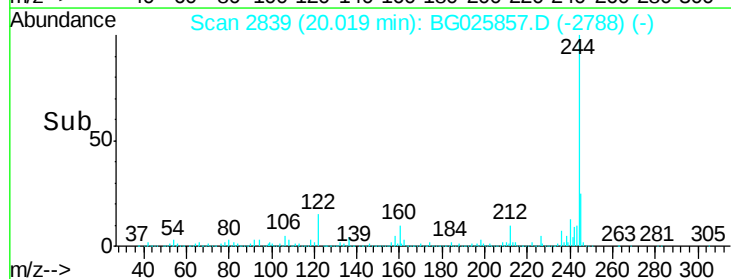
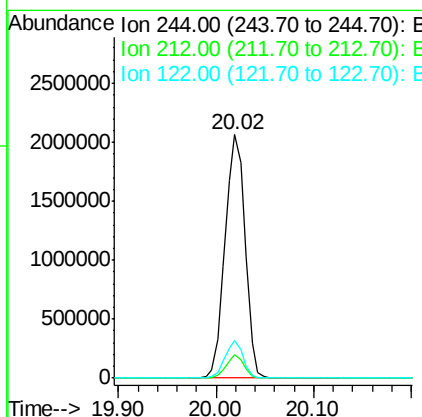
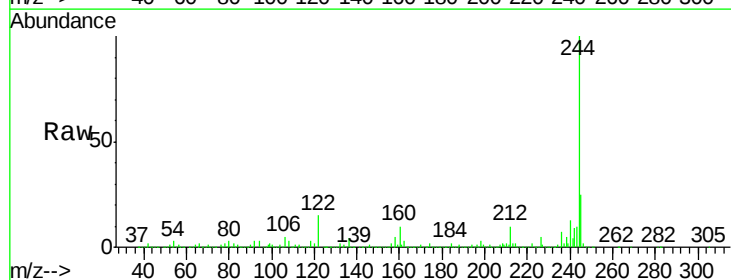
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

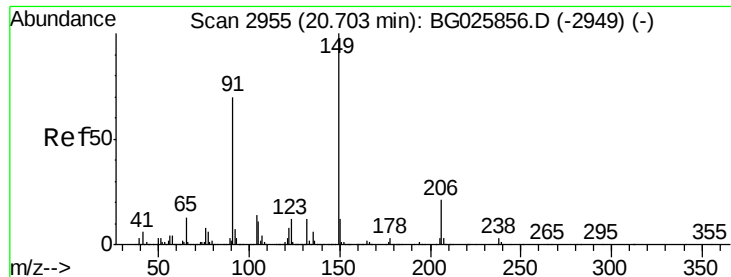
Tgt Ion:202 Resp: 2355061  
Ion Ratio Lower Upper  
202 100  
200 24.8 19.6 29.4  
203 20.0 15.8 23.8



#78  
Terphenyl-d14  
Concen: 91.44 ng  
RT: 20.02 min Scan# 2839  
Delta R.T. -0.00 min  
Lab File: BG025857.D  
Acq: 17 Feb 2017 13:39

Tgt Ion:244 Resp: 2945512  
Ion Ratio Lower Upper  
244 100  
212 9.6 10.0 15.0#  
122 15.2 8.6 12.8#

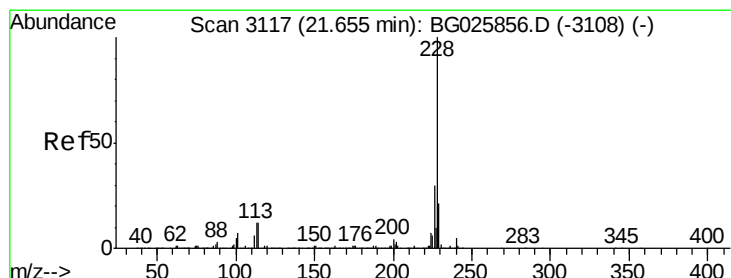
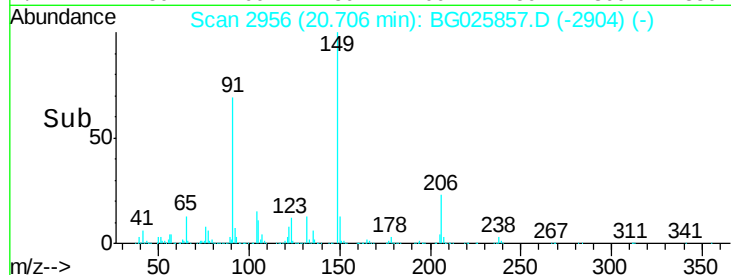
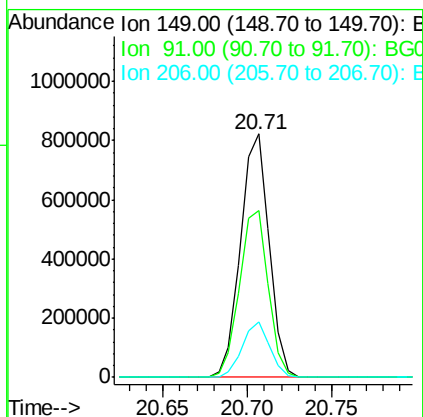
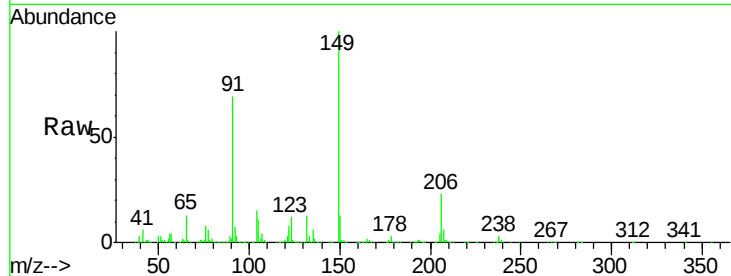




#79  
Butylbenzylphthalate  
Concen: 54.05 ng  
RT: 20.71 min Scan# 2956  
Delta R.T. 0.00 min  
Lab File: BG025857.D  
Acq: 17 Feb 2017 13:39

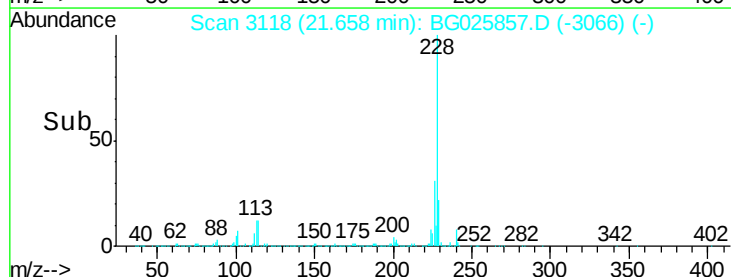
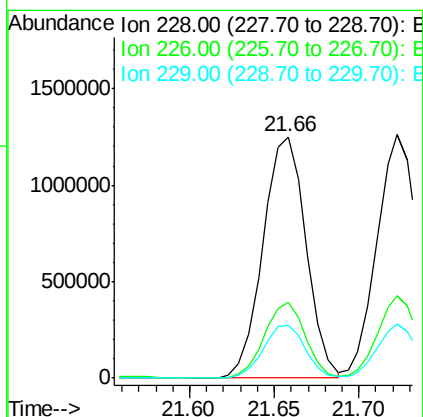
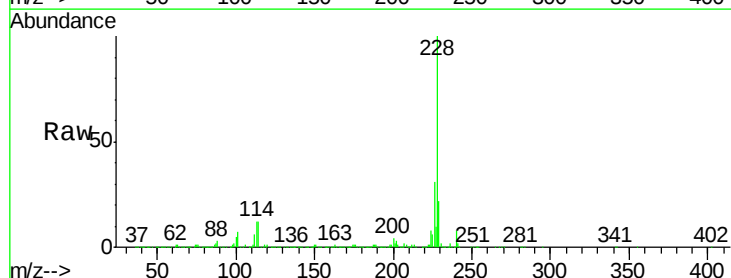
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

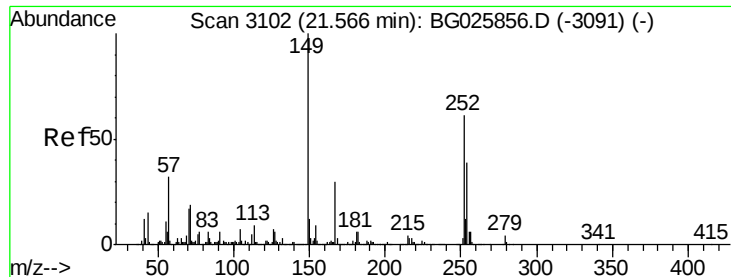
Tgt Ion:149 Resp: 971890  
Ion Ratio Lower Upper  
149 100  
91 68.7 63.5 95.3  
206 22.7 21.0 31.6



#80  
Benzo(a)anthracene  
Concen: 47.94 ng  
RT: 21.66 min Scan# 3118  
Delta R.T. 0.00 min  
Lab File: BG025857.D  
Acq: 17 Feb 2017 13:39

Tgt Ion:228 Resp: 2207383  
Ion Ratio Lower Upper  
228 100  
226 31.3 24.9 37.3  
229 22.1 18.2 27.2

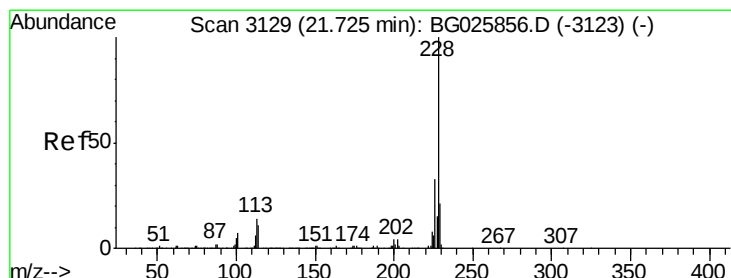
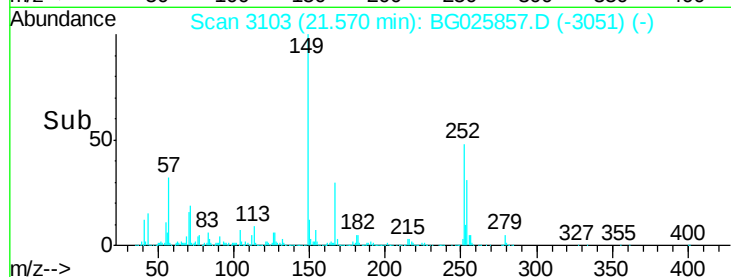
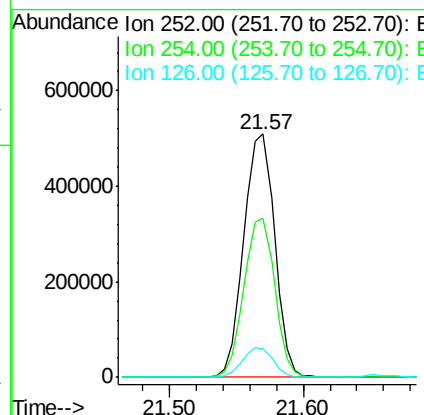
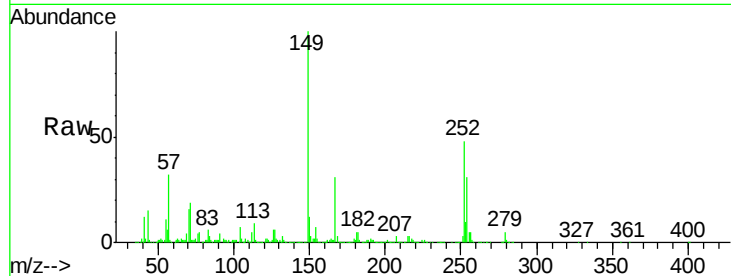




#81  
 3,3'-Dichlorobenzidine  
 Concen: 45.16 ng  
 RT: 21.57 min Scan# 3103  
 Delta R.T. 0.00 min  
 Lab File: BG025857.D  
 Acq: 17 Feb 2017 13:39

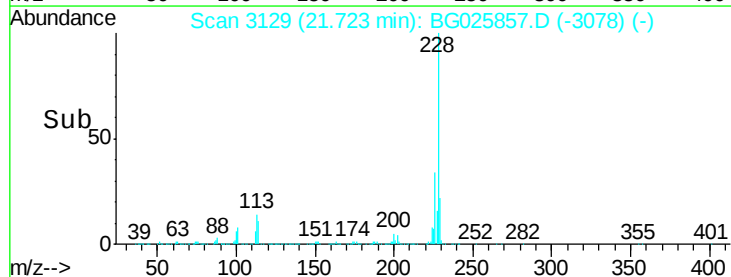
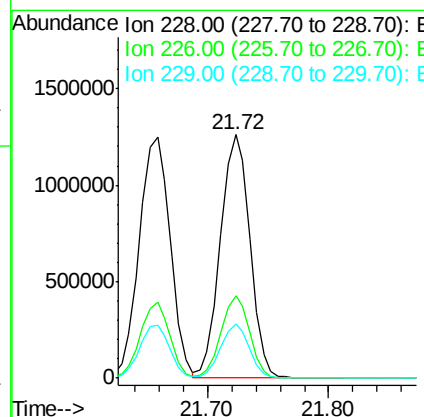
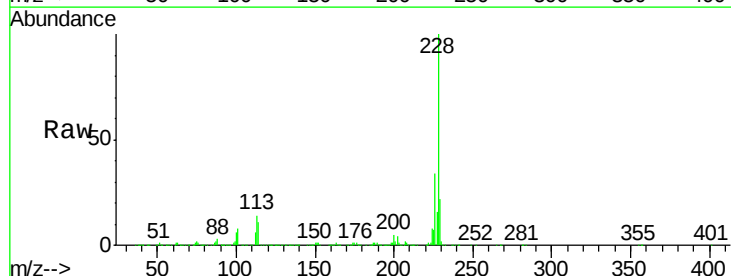
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

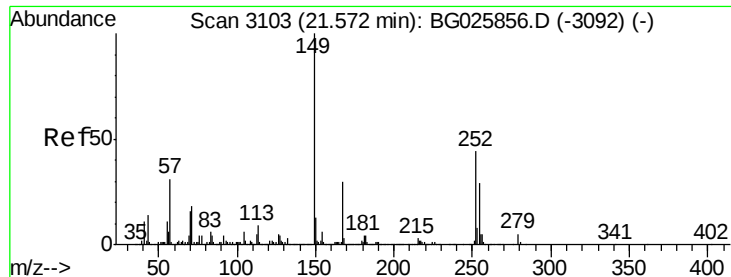
Tgt Ion: 252 Resp: 816109  
 Ion Ratio Lower Upper  
 252 100  
 254 65.6 53.1 79.7  
 126 11.9 7.0 10.4#



#82  
 Chrysene  
 Concen: 48.83 ng  
 RT: 21.72 min Scan# 3129  
 Delta R.T. -0.00 min  
 Lab File: BG025857.D  
 Acq: 17 Feb 2017 13:39

Tgt Ion: 228 Resp: 2125233  
 Ion Ratio Lower Upper  
 228 100  
 226 34.1 27.0 40.4  
 229 22.1 17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 56.03 ng

RT: 21.57 min Scan# 3103

Delta R.T. -0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

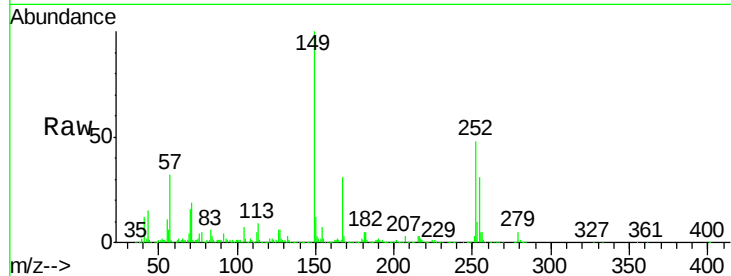
Tgt Ion:149 Resp: 1403098

Ion Ratio Lower Upper

149 100

167 30.5 23.7 35.5

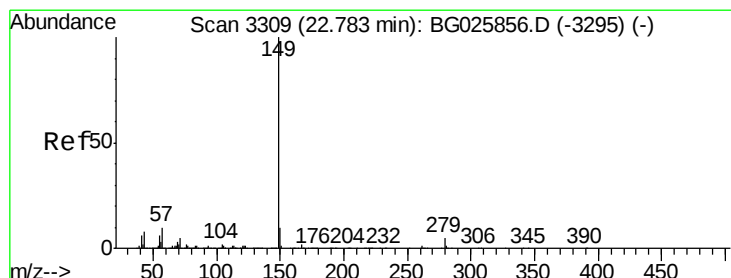
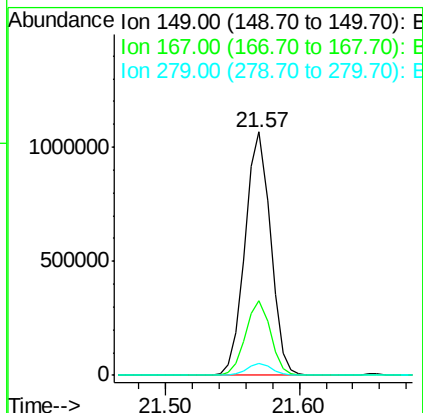
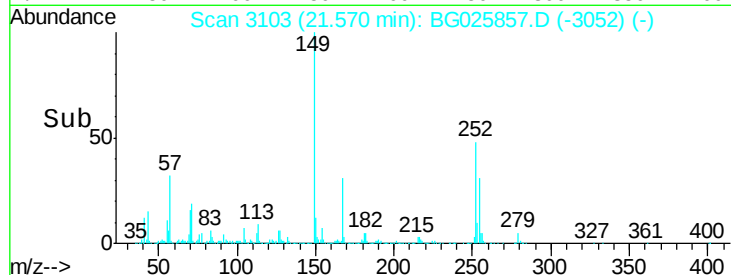
279 4.8 4.6 6.8



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: 58.20 ng

RT: 22.78 min Scan# 3309

Delta R.T. -0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

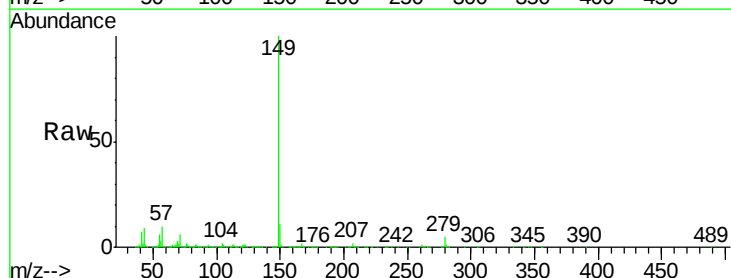
Tgt Ion:149 Resp: 2367603

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

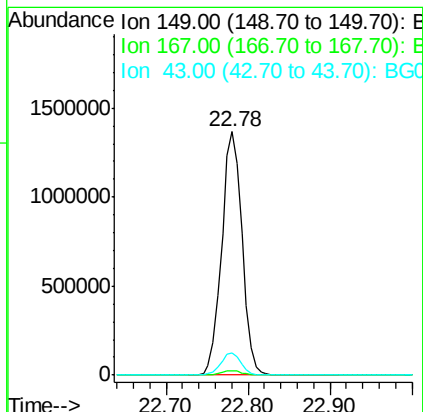
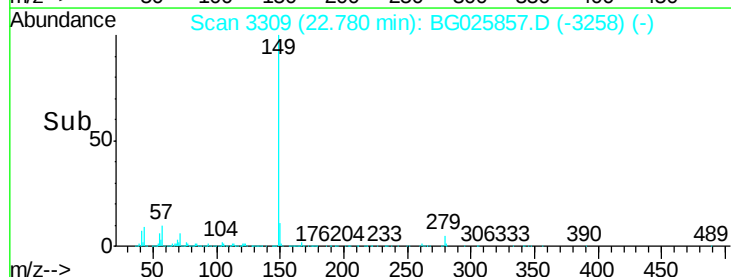
43 8.9 11.8 17.6#

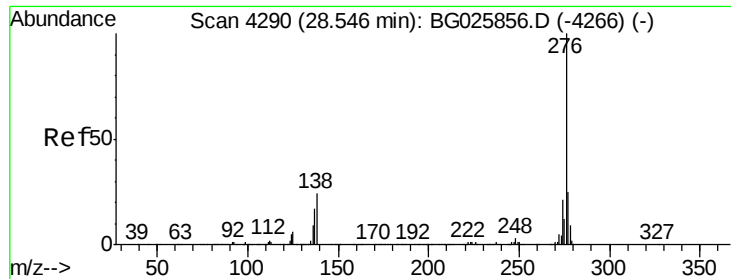


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#85

Indeno(1,2,3-cd)pyrene

Concen: 49.39 ng

RT: 28.56 min Scan# 4293

Delta R.T. 0.02 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

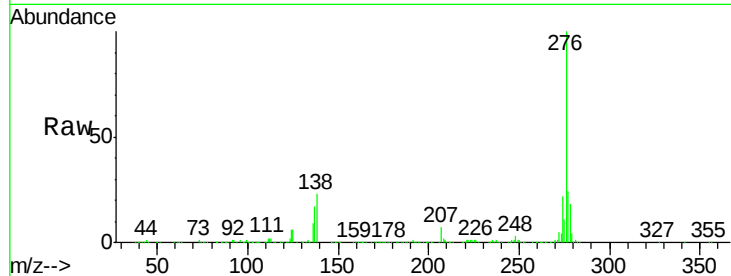
Tgt Ion:276 Resp: 2620603

Ion Ratio Lower Upper

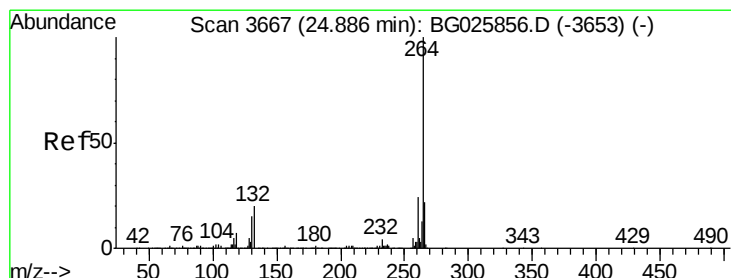
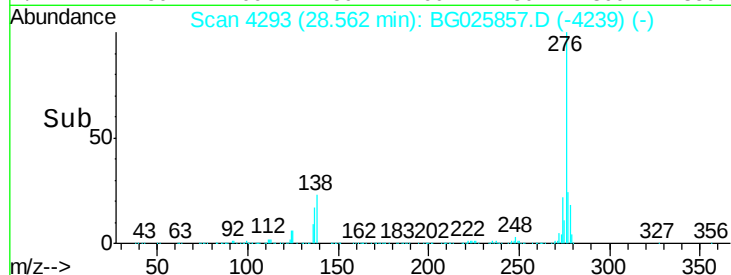
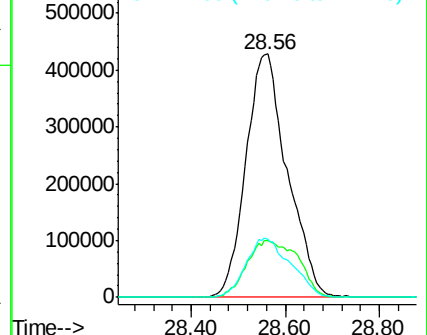
276 100

138 28.8 4.7 7.1#

277 26.1 20.6 31.0



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.88 min Scan# 3667

Delta R.T. -0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

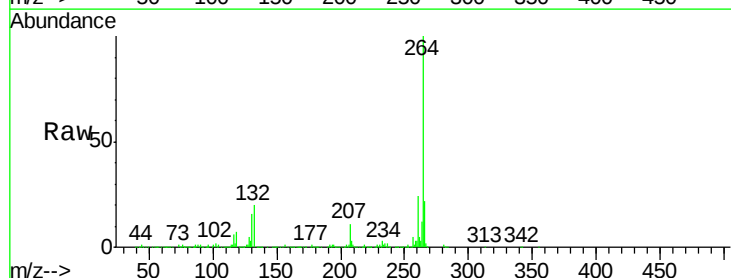
Tgt Ion:264 Resp: 776449

Ion Ratio Lower Upper

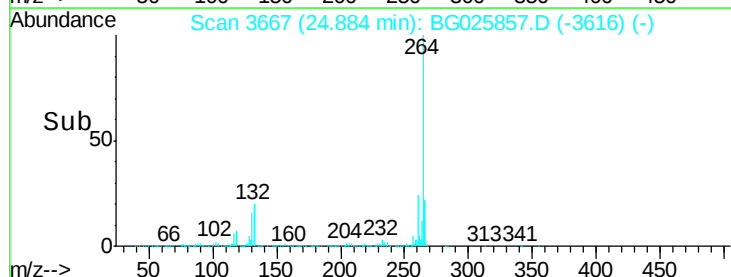
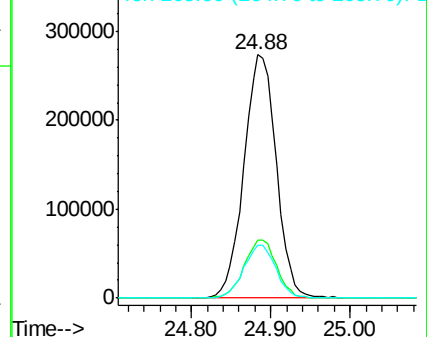
264 100

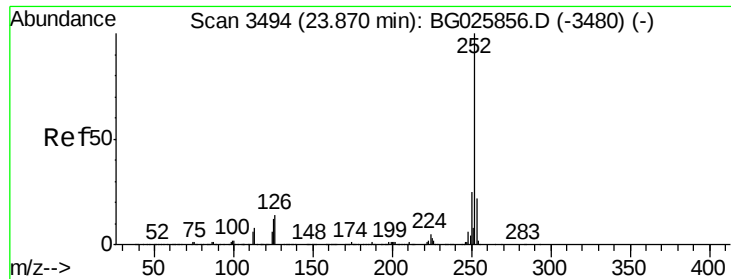
260 23.6 21.8 32.8

265 21.7 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 50.96 ng

RT: 23.87 min Scan# 3495

Delta R.T. 0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

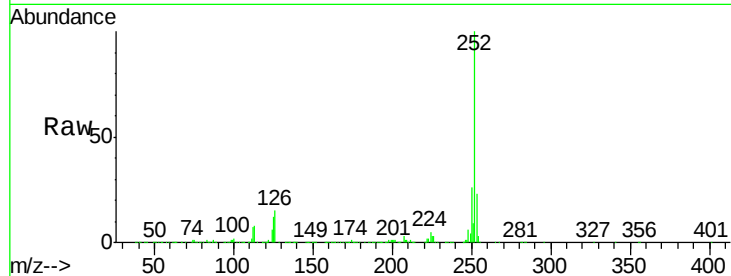
Tgt Ion:252 Resp: 2286926

Ion Ratio Lower Upper

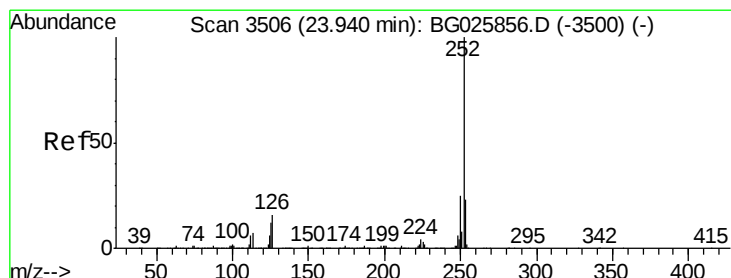
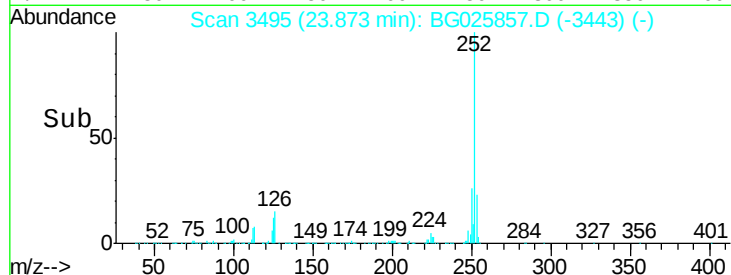
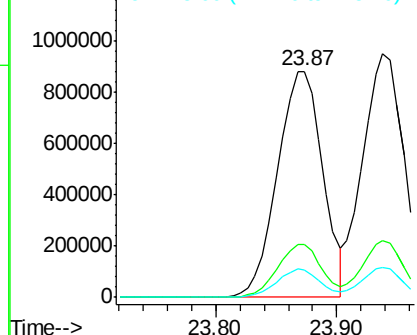
252 100

253 23.4 18.7 28.1

125 11.8 5.3 7.9#



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



#88

Benzo(k)fluoranthene

Concen: 51.62 ng

RT: 23.94 min Scan# 3506

Delta R.T. -0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

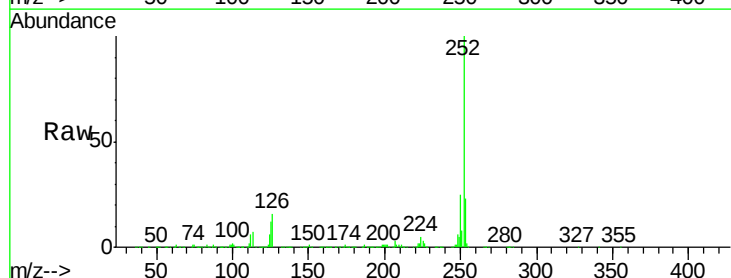
Tgt Ion:252 Resp: 2267189

Ion Ratio Lower Upper

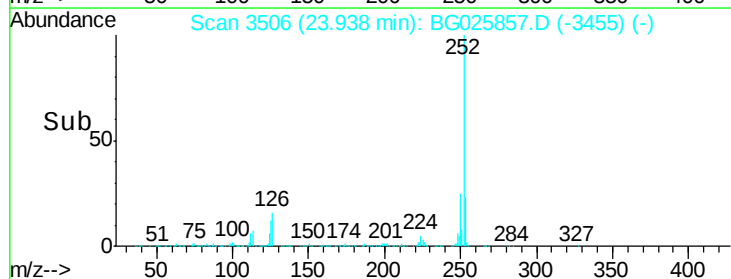
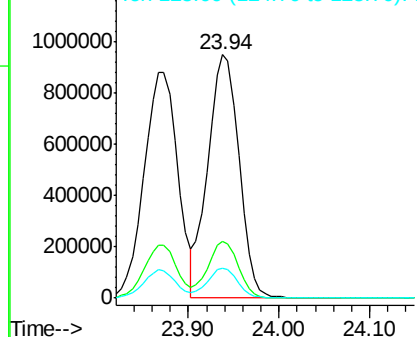
252 100

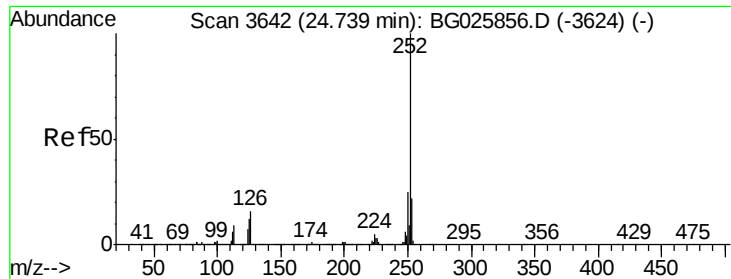
253 23.4 20.2 30.2

125 12.4 5.1 7.7#



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





#89

Benzo(a)pyrene

Concen: 51.22 ng

RT: 24.74 min Scan# 3642

Delta R.T. -0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

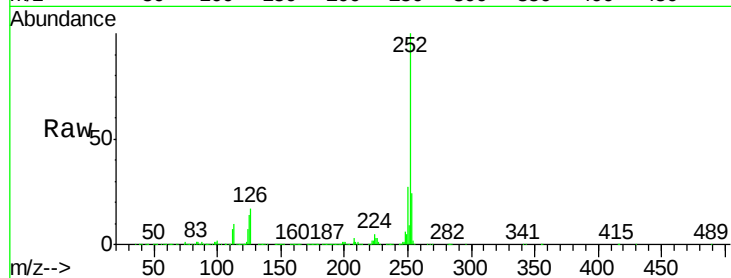
Tgt Ion:252 Resp: 2186400

Ion Ratio Lower Upper

252 100

253 23.5 19.2 28.8

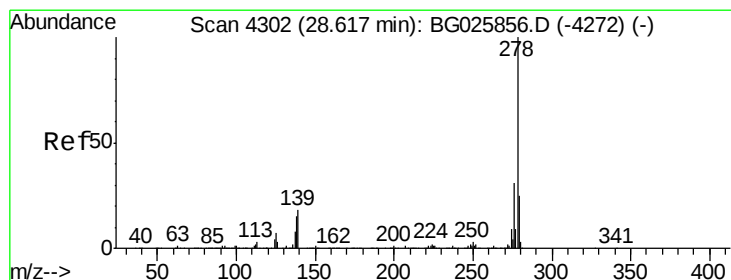
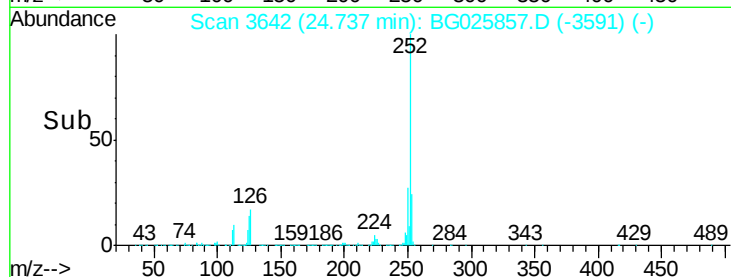
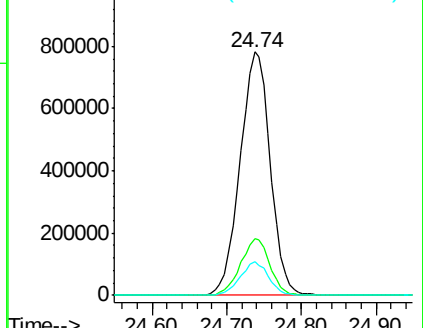
125 13.8 5.4 8.0#



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: 49.74 ng

RT: 28.62 min Scan# 4303

Delta R.T. 0.00 min

Lab File: BG025857.D

Acq: 17 Feb 2017 13:39

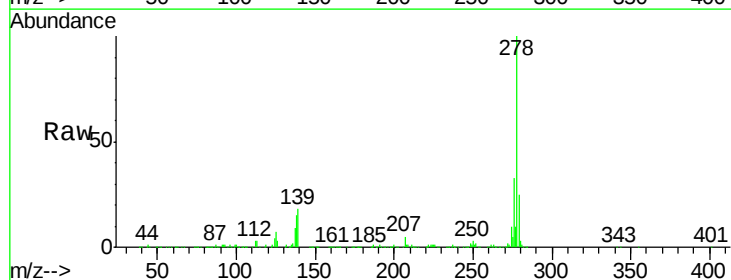
Tgt Ion:278 Resp: 2195595

Ion Ratio Lower Upper

278 100

139 17.6 7.7 11.5#

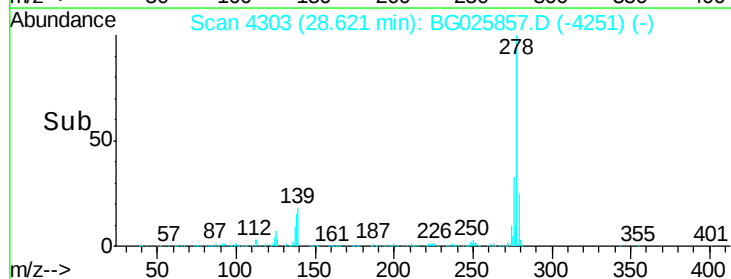
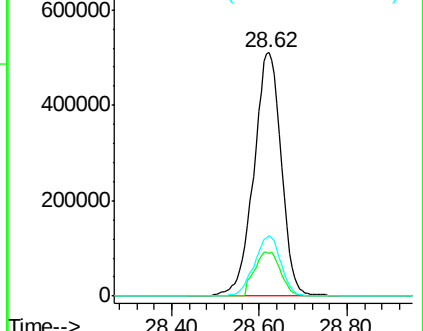
279 25.1 19.1 28.7

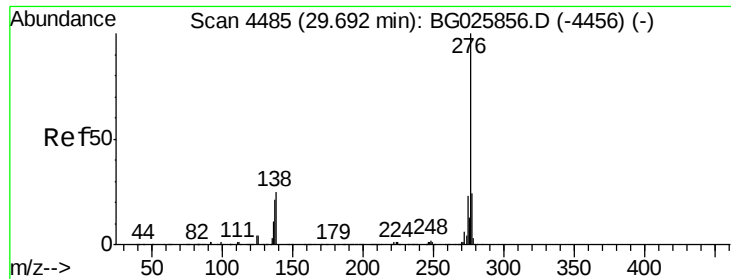


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

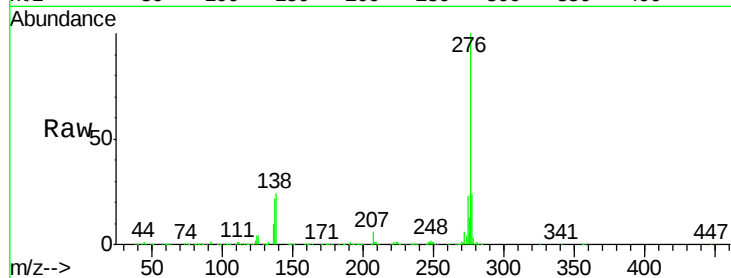




#91  
 Benzo(g,h,i)perylene  
 Concen: 50.41 ng  
 RT: 29.71 min Scan# 4488  
 Delta R.T. 0.02 min  
 Lab File: BG025857.D  
 Acq: 17 Feb 2017 13:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

Tgt Ion: 276 Resp: 2211108  
 Ion Ratio Lower Upper  
 276 100  
 277 24.0 18.6 27.8  
 138 23.9 8.1 12.1#



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

