

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG040615\  
 Data File : BG016227.D  
 Acq On : 6 Apr 2015 17:21  
 Operator : TP/IZ  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICCC040

Quant Time: Apr 07 03:19:00 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG040615.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 07 03:04:07 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.70  | 152  | 63657    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.49 | 136  | 328035   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.34 | 164  | 196978   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.08 | 188  | 401971   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.26 | 240  | 339705   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.50 | 264  | 320036   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.28  | 112 | 320477  | 83.66 | ng | 0.00 |
| 7) Phenol-d6             | 6.87  | 99  | 487660  | 90.29 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.86  | 82  | 448157  | 83.92 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.83 | 330 | 107118  | 50.46 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 12.96 | 172 | 879303  | 75.39 | ng | 0.00 |
| 78) Terphenyl-d14        | 19.71 | 244 | 1123459 | 82.95 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.17  | 88  | 71287  | 45.20 | ng | 100    |
| 3) Pyridine                    | 3.57  | 79  | 218812 | 44.58 | ng | 100    |
| 4) n-Nitrosodimethylamine      | 3.49  | 42  | 65777  | 45.31 | ng | 100    |
| 6) Aniline                     | 7.03  | 93  | 347576 | 45.11 | ng | 100    |
| 8) 2-Chlorophenol              | 7.26  | 128 | 193544 | 42.42 | ng | 100    |
| 9) Benzaldehyde                | 6.84  | 77  | 135677 | 57.39 | ng | 100    |
| 10) Phenol                     | 6.90  | 94  | 262444 | 44.35 | ng | 100    |
| 11) bis(2-Chloroethyl)ether    | 7.13  | 93  | 203654 | 42.64 | ng | 100    |
| 12) 1,3-Dichlorobenzene        | 7.59  | 146 | 192186 | 39.48 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 7.73  | 146 | 194556 | 38.65 | ng | 100    |
| 14) 1,2-Dichlorobenzene        | 8.05  | 146 | 189970 | 39.70 | ng | 100    |
| 15) Benzyl Alcohol             | 7.94  | 79  | 174474 | 44.02 | ng | 100    |
| 16) 2,2'-oxybis(1-Chloropropan | 8.24  | 45  | 231911 | 43.14 | ng | 100    |
| 17) 2-Methylphenol             | 8.15  | 107 | 176834 | 42.65 | ng | 100    |
| 18) Hexachloroethane           | 8.77  | 117 | 75340  | 41.26 | ng | 100    |
| 19) n-Nitroso-di-n-propylamine | 8.50  | 70  | 179897 | 45.29 | ng | 100    |
| 20) 3+4-Methylphenols          | 8.47  | 107 | 247972 | 43.92 | ng | 100    |
| 22) Acetophenone               | 8.52  | 105 | 297056 | 40.17 | ng | 100    |
| 24) Nitrobenzene               | 8.90  | 77  | 237857 | 41.43 | ng | 100    |
| 25) Isophorone                 | 9.41  | 82  | 498476 | 41.29 | ng | 100    |
| 26) 2-Nitrophenol              | 9.61  | 139 | 117626 | 38.51 | ng | 100    |
| 27) 2,4-Dimethylphenol         | 9.67  | 122 | 208682 | 40.24 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 9.90  | 93  | 280165 | 40.49 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 10.14 | 162 | 168409 | 37.47 | ng | 100    |
| 30) 1,2,4-Trichlorobenzene     | 10.35 | 180 | 167775 | 34.95 | ng | 100    |
| 31) Naphthalene                | 10.54 | 128 | 658282 | 37.73 | ng | 100    |
| 32) Benzoic acid               | 9.80  | 122 | 121857 | 38.90 | ng | 100    |
| 33) 4-Chloroaniline            | 10.65 | 127 | 317568 | 41.09 | ng | 100    |
| 34) Hexachlorobutadiene        | 10.82 | 225 | 73244  | 28.73 | ng | 100    |
| 35) Caprolactam                | 11.41 | 113 | 110115 | 43.86 | ng | 100    |
| 36) 4-Chloro-3-methylphenol    | 11.78 | 107 | 221705 | 41.12 | ng | 100    |
| 37) 2-Methylnaphthalene        | 12.15 | 142 | 476574 | 38.21 | ng | 100    |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.52 | 216 | 165103 | 34.13 | ng | 100    |
| 40) Hexachlorocyclopentadiene  | 12.51 | 237 | 77402  | 28.15 | ng | 100    |

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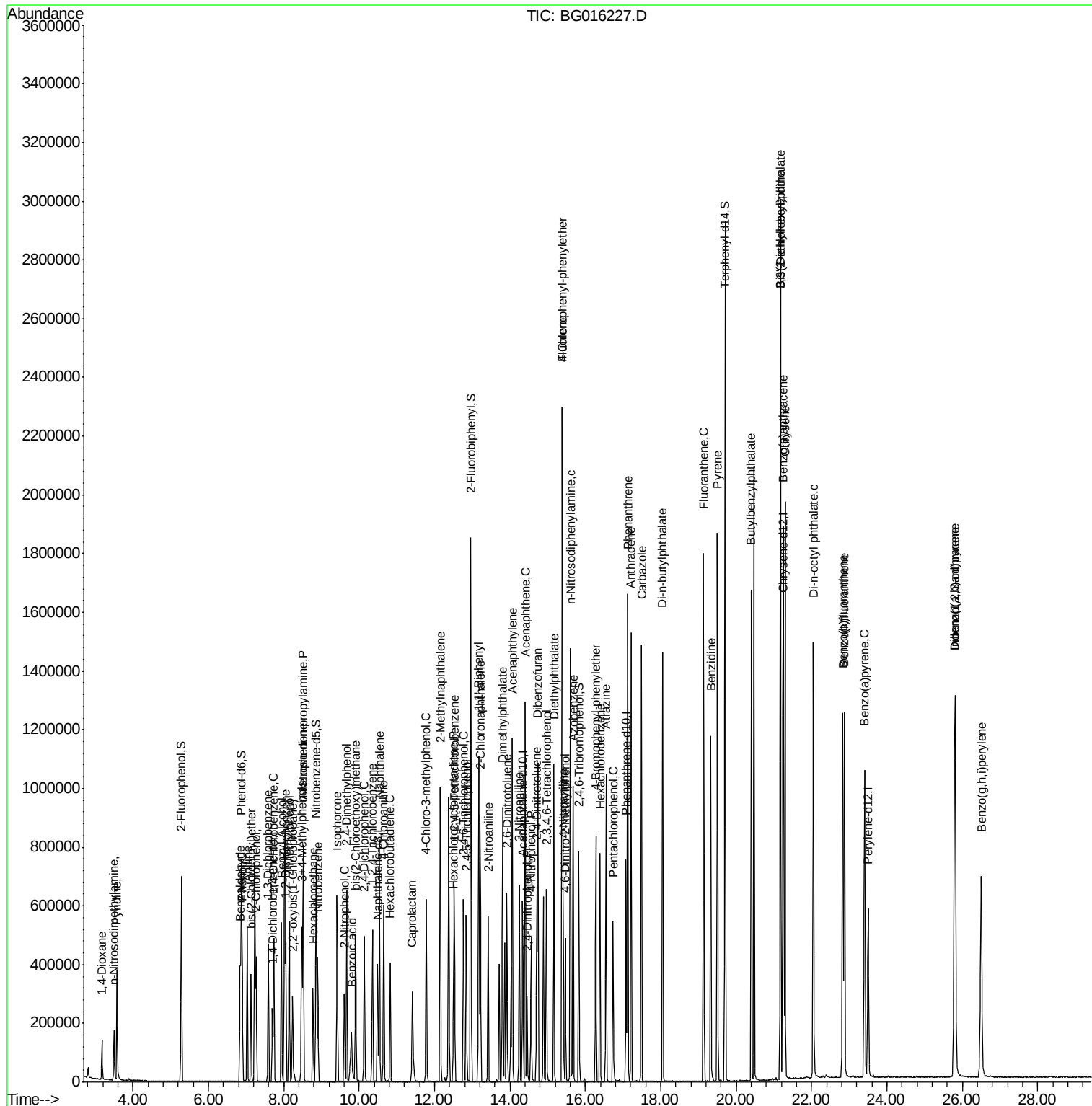
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 12.77 | 196  | 128460   | 36.81 | ng    | 100      |
| 43) 2,4,5-Trichlorophenol      | 12.84 | 196  | 135392   | 35.73 | ng    | 100      |
| 45) 1,1'-Biphenyl              | 13.17 | 154  | 570864   | 39.54 | ng    | 100      |
| 46) 2-Chloronaphthalene        | 13.21 | 162  | 433335   | 38.66 | ng    | 100      |
| 47) 2-Nitroaniline             | 13.42 | 65   | 150553   | 45.44 | ng    | 100      |
| 48) Acenaphthylene             | 14.06 | 152  | 785700   | 38.42 | ng    | 100      |
| 49) Dimethylphthalate          | 13.80 | 163  | 558508   | 40.30 | ng    | 100      |
| 50) 2,6-Dinitrotoluene         | 13.92 | 165  | 137897   | 41.87 | ng    | 100      |
| 51) Acenaphthene               | 14.40 | 154  | 460866   | 37.40 | ng    | 100      |
| 52) 3-Nitroaniline             | 14.25 | 138  | 178234   | 43.80 | ng    | 100      |
| 53) 2,4-Dinitrophenol          | 14.46 | 184  | 65811    | 38.06 | ng    | 100      |
| 54) Dibenzofuran               | 14.74 | 168  | 642306   | 37.37 | ng    | 100      |
| 55) 4-Nitrophenol              | 14.56 | 139  | 145777   | 44.37 | ng    | 100      |
| 56) 2,4-Dinitrotoluene         | 14.71 | 165  | 190187   | 42.11 | ng    | 100      |
| 57) Fluorene                   | 15.39 | 166  | 571680   | 37.37 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 14.97 | 232  | 104054   | 31.26 | ng    | 100      |
| 59) Diethylphthalate           | 15.17 | 149  | 594740   | 41.55 | ng    | 100      |
| 60) 4-Chlorophenyl-phenylether | 15.38 | 204  | 232952   | 34.91 | ng    | 100      |
| 61) 4-Nitroaniline             | 15.41 | 138  | 201986   | 43.94 | ng    | 100      |
| 62) Azobenzene                 | 15.68 | 77   | 623175   | 42.14 | ng    | 100      |
| 64) 4,6-Dinitro-2-methylphenol | 15.47 | 198  | 103288   | 39.01 | ng    | 100      |
| 65) n-Nitrosodiphenylamine     | 15.60 | 169  | 525680   | 40.85 | ng    | 100      |
| 66) 4-Bromophenyl-phenylether  | 16.28 | 248  | 124527   | 31.23 | ng    | 100      |
| 67) Hexachlorobenzene          | 16.39 | 284  | 128665   | 28.97 | ng    | 100      |
| 68) Atrazine                   | 16.55 | 200  | 147959   | 38.90 | ng    | 100      |
| 69) Pentachlorophenol          | 16.74 | 266  | 81096    | 31.96 | ng    | 100      |
| 70) Phenanthrene               | 17.12 | 178  | 855102   | 38.11 | ng    | 100      |
| 71) Anthracene                 | 17.21 | 178  | 858221   | 38.44 | ng    | 100      |
| 72) Carbazole                  | 17.49 | 167  | 862242   | 39.27 | ng    | 100      |
| 73) Di-n-butylphthalate        | 18.05 | 149  | 1081973  | 42.98 | ng    | 100      |
| 74) Fluoranthene               | 19.14 | 202  | 890026   | 36.04 | ng    | 100      |
| 76) Benzidine                  | 19.33 | 184  | 579545   | 60.15 | ng    | 100      |
| 77) Pyrene                     | 19.50 | 202  | 921377   | 43.36 | ng    | 100      |
| 79) Butylbenzylphthalate       | 20.40 | 149  | 477204   | 52.08 | ng    | 100      |
| 80) Benzo(a)anthracene         | 21.24 | 228  | 769396   | 39.97 | ng    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 21.18 | 252  | 263520   | 39.53 | ng    | 100      |
| 82) Chrysene                   | 21.29 | 228  | 739560   | 41.60 | ng    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 21.18 | 149  | 639508   | 50.97 | ng    | 100      |
| 84) Di-n-octyl phthalate       | 22.05 | 149  | 1071403  | 50.70 | ng    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 25.80 | 276  | 788493   | 35.39 | ng    | 100      |
| 87) Benzo(b)fluoranthene       | 22.83 | 252  | 723259   | 39.10 | ng    | 100      |
| 88) Benzo(k)fluoranthene       | 22.88 | 252  | 686869   | 38.40 | ng    | 100      |
| 89) Benzo(a)pyrene             | 23.41 | 252  | 675450   | 39.27 | ng    | 100      |
| 90) Dibenzo(a,h)anthracene     | 25.81 | 278  | 652080   | 36.74 | ng    | 100      |
| 91) Benzo(g,h,i)perylene       | 26.50 | 276  | 650645   | 36.93 | ng    | 100      |

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 853

Delta R.T. 0.00 min

Lab File: BG016227.D

Acq: 6 Apr 2015 17:21

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

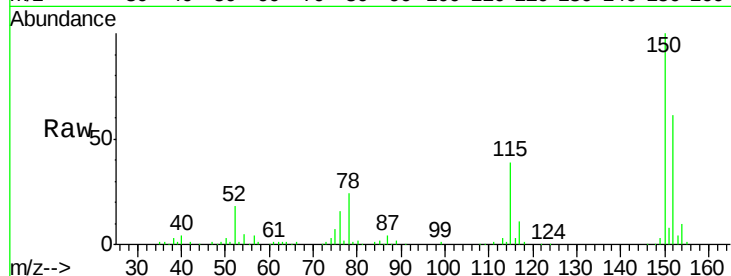
Tgt Ion:152 Resp: 63657

Ion Ratio Lower Upper

152 100

150 162.6 130.1 195.1

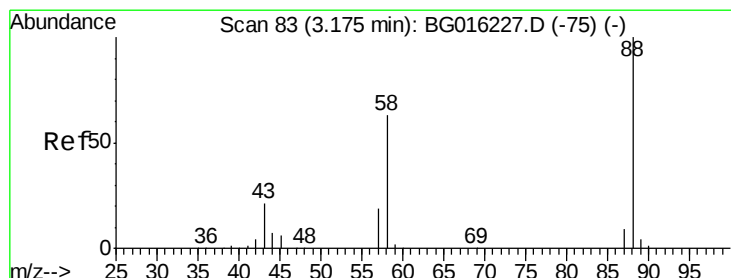
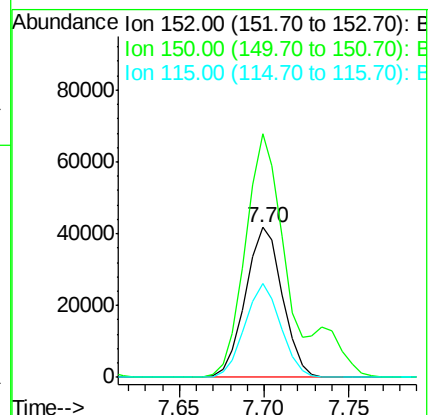
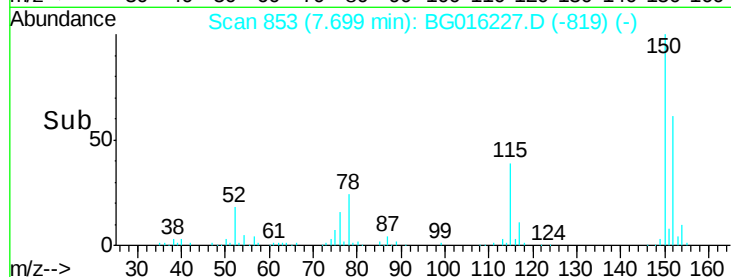
115 63.1 50.5 75.7



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: 45.20 ng

RT: 3.17 min Scan# 83

Delta R.T. 0.00 min

Lab File: BG016227.D

Acq: 6 Apr 2015 17:21

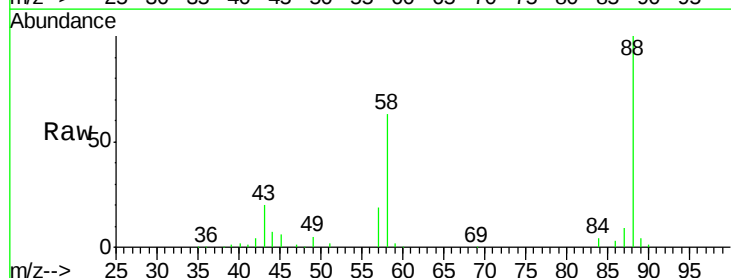
Tgt Ion: 88 Resp: 71287

Ion Ratio Lower Upper

88 100

58 63.0 50.6 76.0

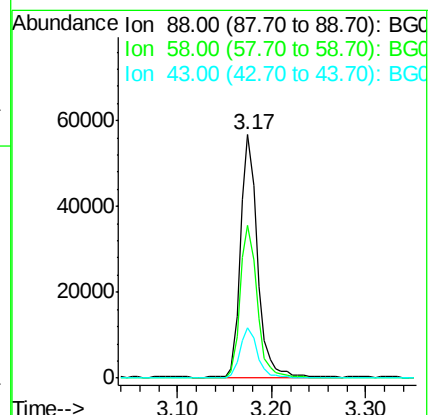
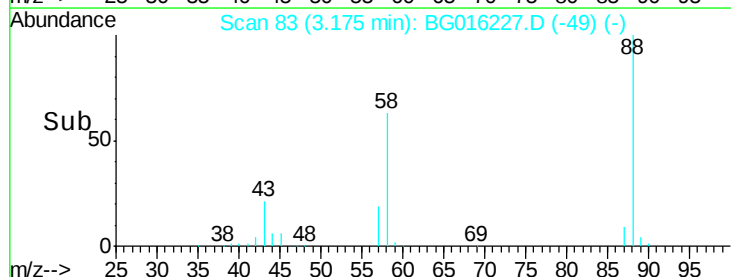
43 21.1 17.0 25.4



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: 44.58 ng

RT: 3.57 min Scan# 150

Delta R.T. 0.00 min

Lab File: BG016227.D

Acq: 6 Apr 2015 17:21

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

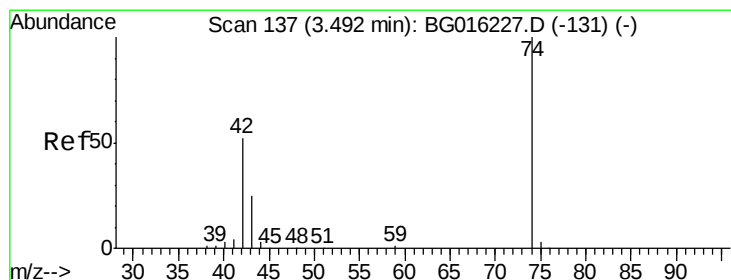
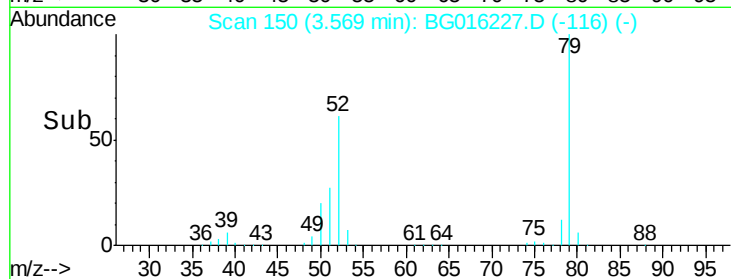
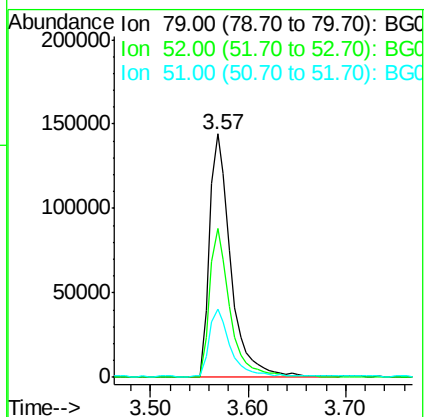
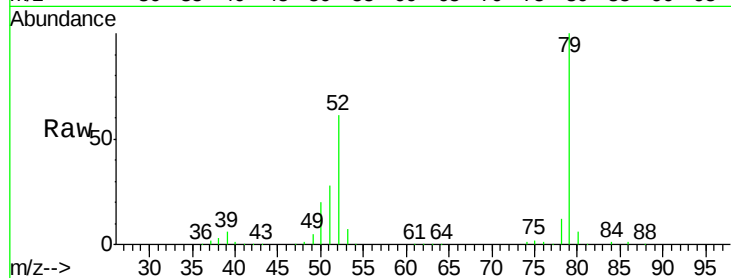
Tgt Ion: 79 Resp: 218812

Ion Ratio Lower Upper

79 100

52 61.2 49.0 73.4

51 28.1 22.5 33.7



#4

n-Nitrosodimethylamine

Concen: 45.31 ng

RT: 3.49 min Scan# 137

Delta R.T. 0.00 min

Lab File: BG016227.D

Acq: 6 Apr 2015 17:21

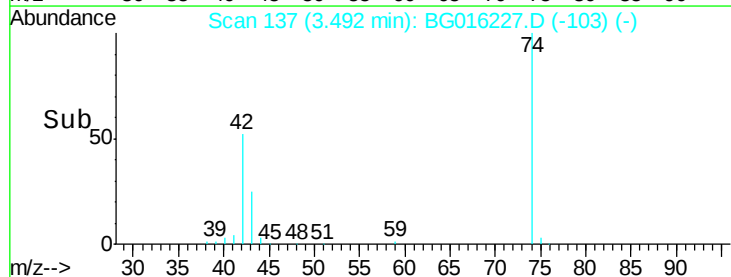
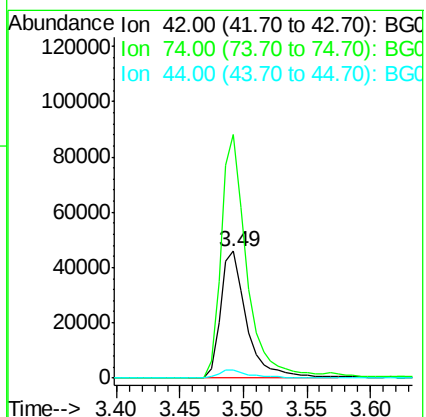
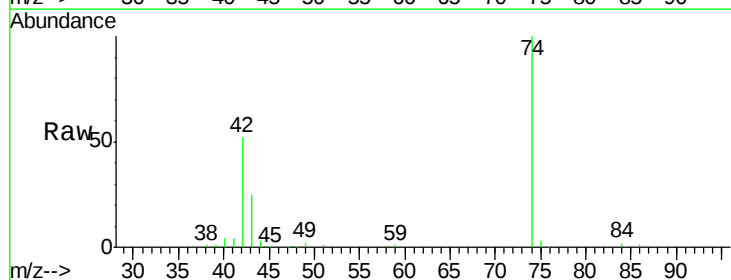
Tgt Ion: 42 Resp: 65777

Ion Ratio Lower Upper

42 100

74 192.1 153.7 230.5

44 6.6 5.3 7.9





#5

2-Fluorophenol

Concen: 83.66 ng

RT: 5.28 min Scan# 441

Delta R.T. 0.00 min

Lab File: BG016227.D

Acq: 6 Apr 2015 17:21

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

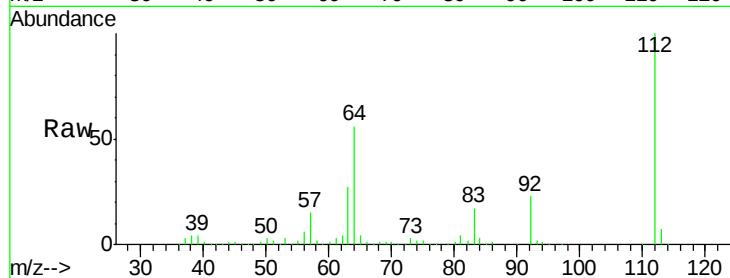
Tgt Ion: 112 Resp: 320477

Ion Ratio Lower Upper

112 100

64 55.6 44.5 66.7

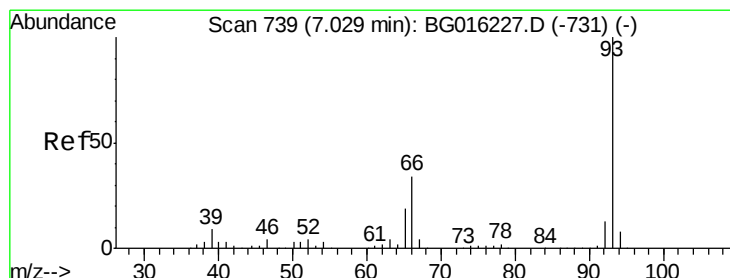
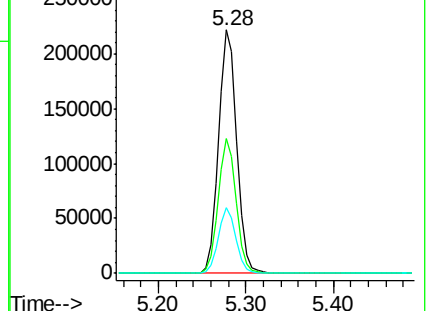
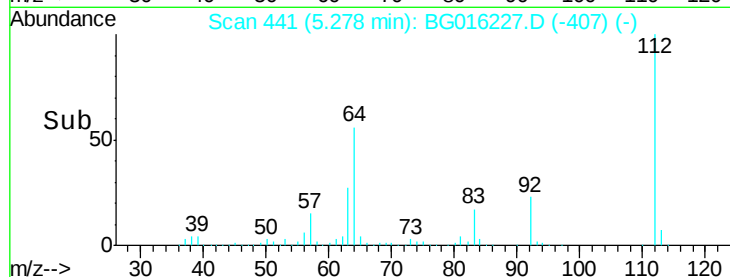
63 26.7 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 45.11 ng

RT: 7.03 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG016227.D

Acq: 6 Apr 2015 17:21

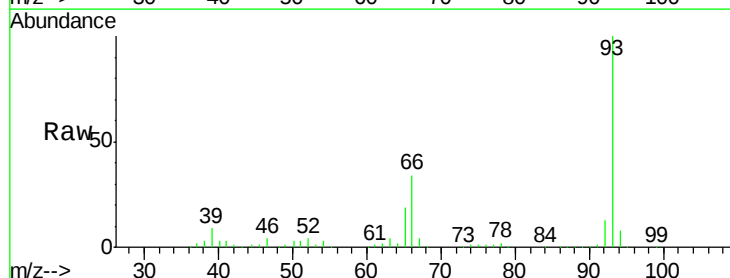
Tgt Ion: 93 Resp: 347576

Ion Ratio Lower Upper

93 100

66 34.4 27.5 41.3

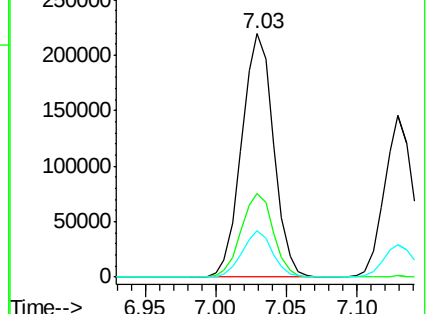
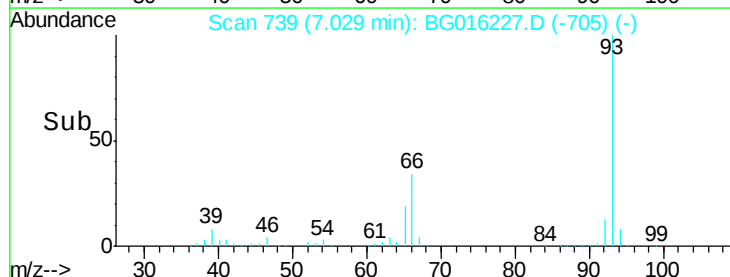
65 18.9 15.1 22.7

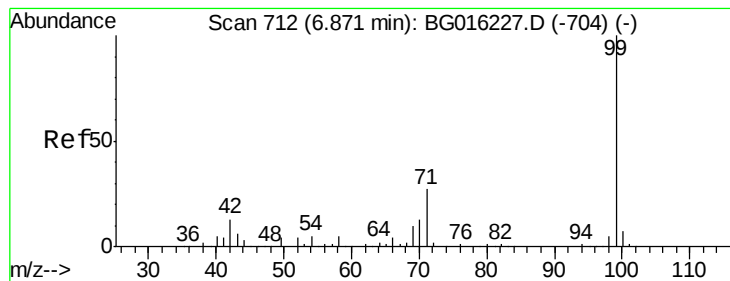


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 90.29 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

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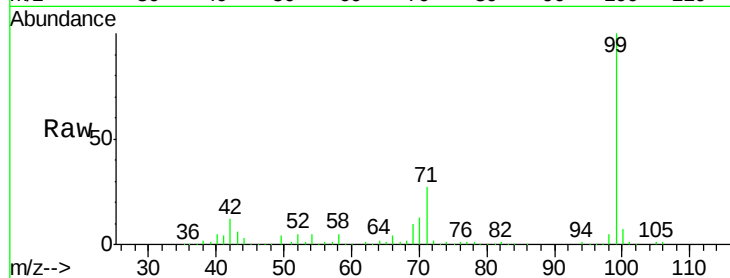
Tgt Ion: 99 Resp: 487660

Ion Ratio Lower Upper

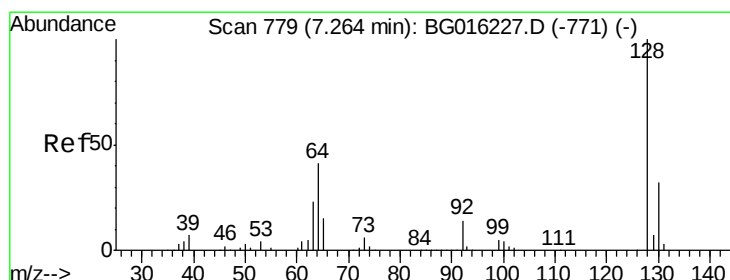
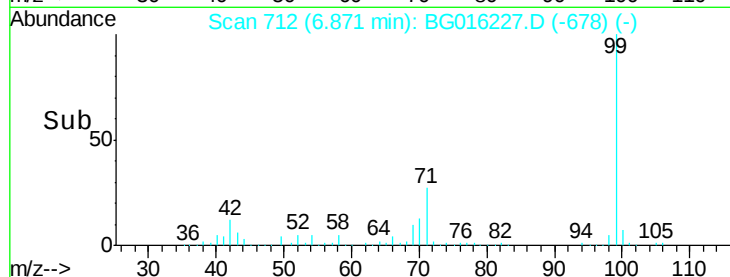
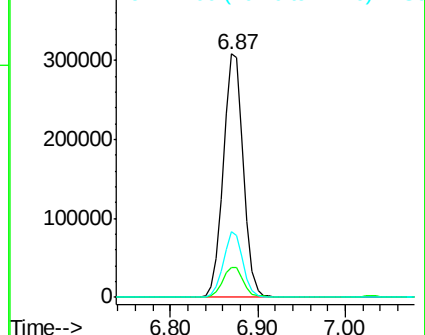
99 100

42 12.5 10.0 15.0

71 26.9 21.5 32.3



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



#8

2-Chlorophenol

Concen: 42.42 ng

RT: 7.26 min Scan# 779

Delta R.T. 0.00 min

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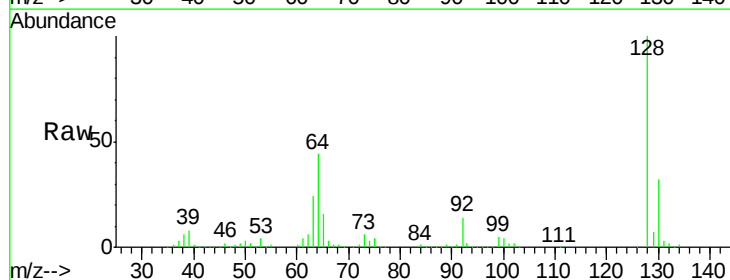
Tgt Ion: 128 Resp: 193544

Ion Ratio Lower Upper

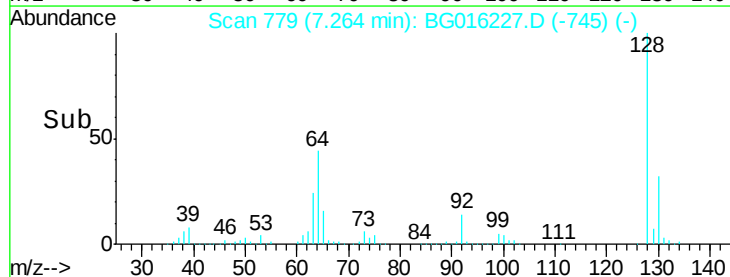
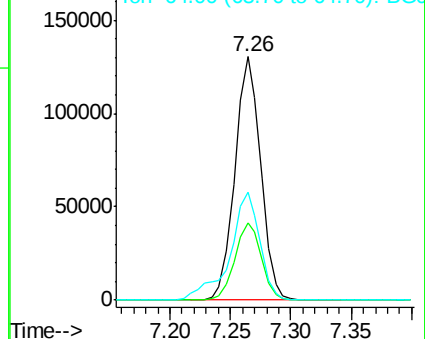
128 100

130 31.6 11.6 51.6

64 44.2 24.2 64.2



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





#9

Benzaldehyde

Concen: 57.39 ng

RT: 6.84 min Scan# 707

Delta R.T. 0.00 min

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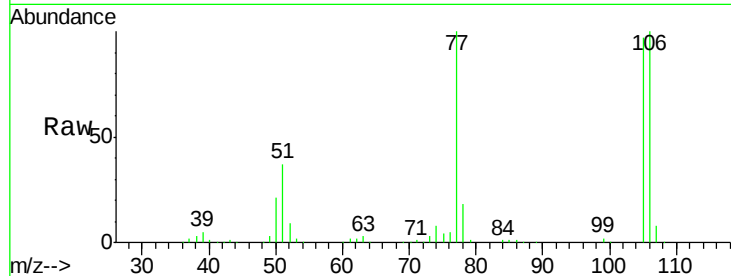
Tgt Ion: 77 Resp: 135677

Ion Ratio Lower Upper

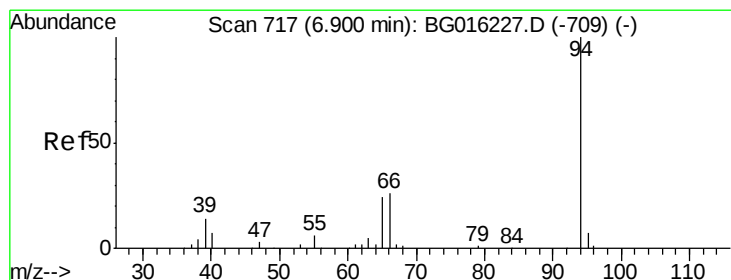
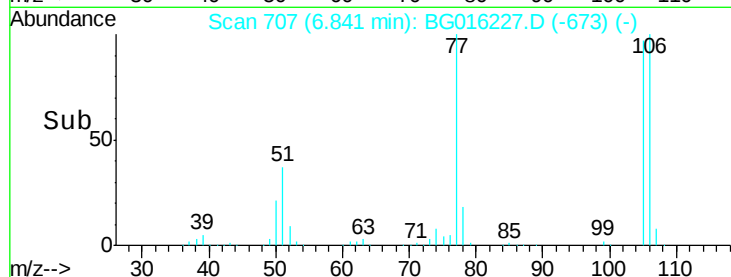
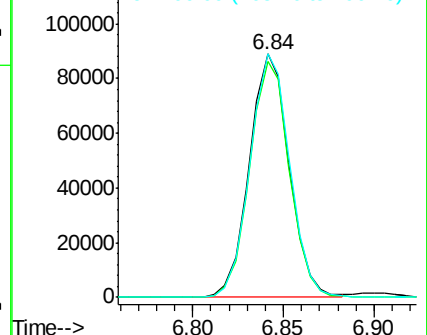
77 100

105 96.8 76.8 116.8

106 100.1 80.1 120.1



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: 44.35 ng

RT: 6.90 min Scan# 717

Delta R.T. 0.00 min

Lab File: BG016227.D

Acq: 6 Apr 2015 17:21

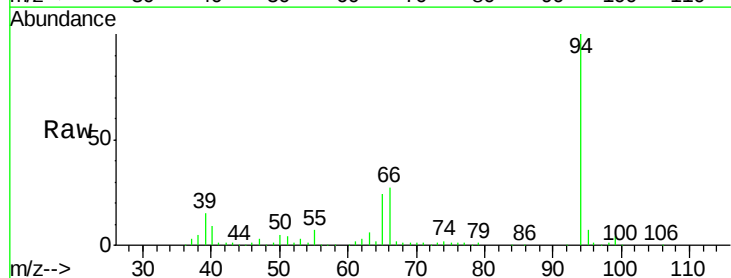
Tgt Ion: 94 Resp: 262444

Ion Ratio Lower Upper

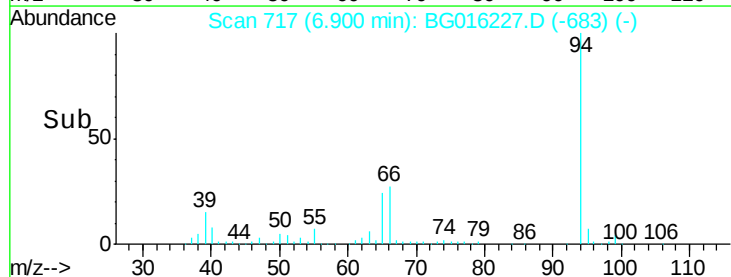
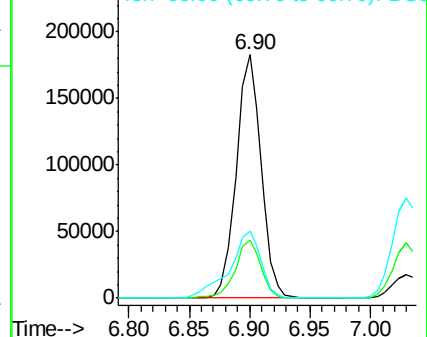
94 100

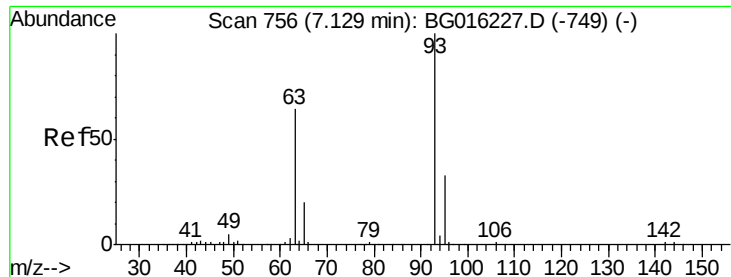
65 23.8 3.8 43.8

66 27.4 7.4 47.4



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

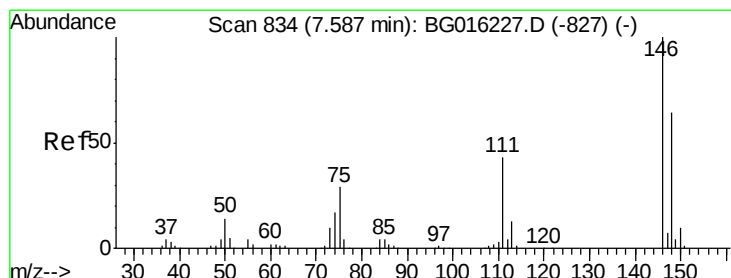
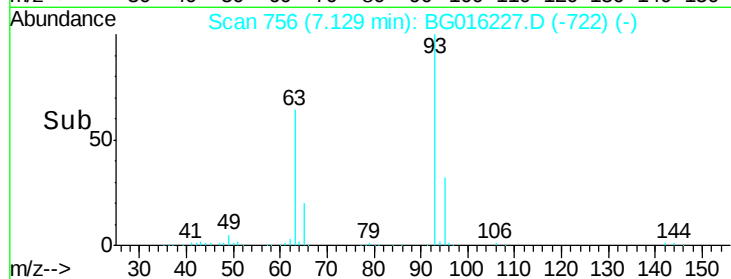
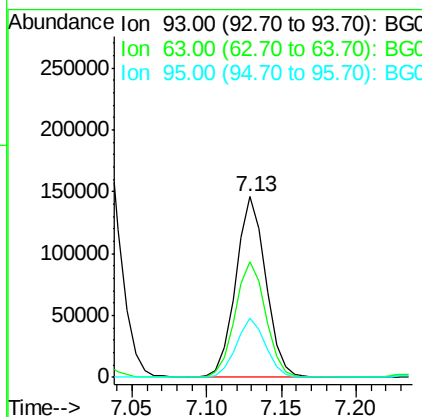
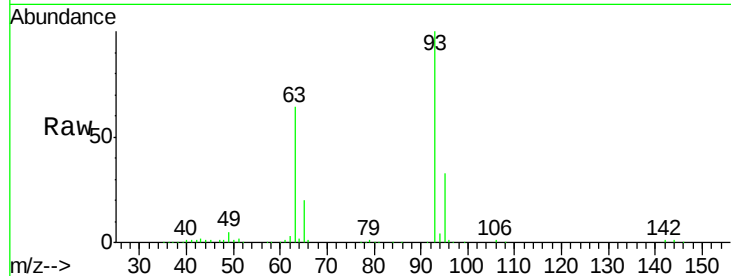




#11  
 bis(2-Chloroethyl)ether  
 Concen: 42.64 ng  
 RT: 7.13 min Scan# 756  
 Delta R.T. 0.00 min  
 Lab File: BG016227.D  
 Acq: 6 Apr 2015 17:21

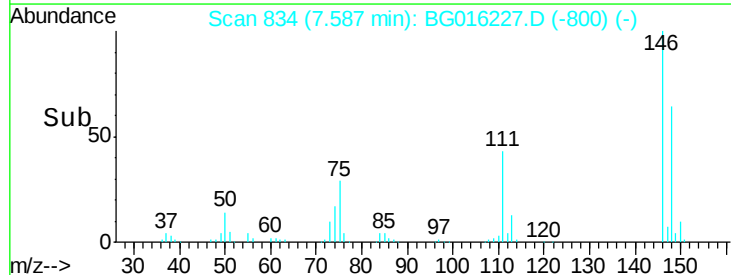
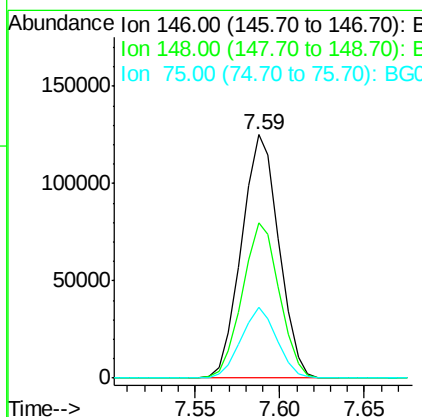
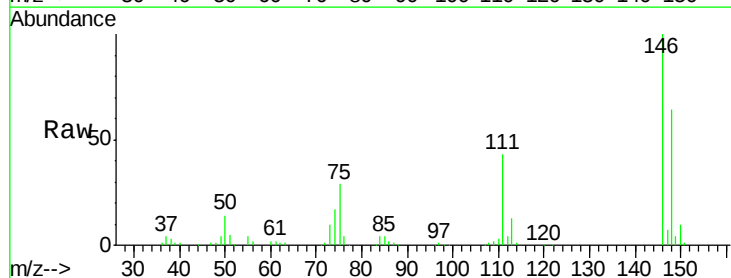
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC040

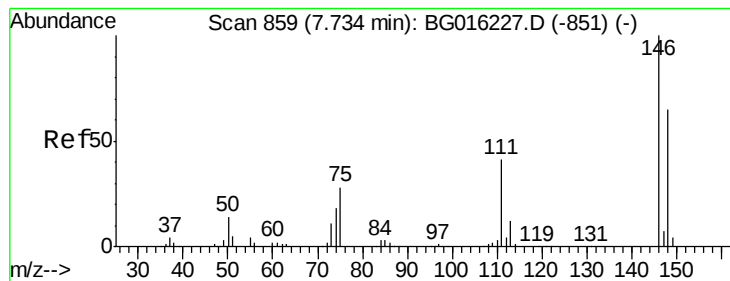
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 64.1  | 44.1  | 84.1  |
| 95      | 32.5  | 12.5  | 52.5  |



#12  
 1,3-Dichlorobenzene  
 Concen: 39.48 ng  
 RT: 7.59 min Scan# 834  
 Delta R.T. 0.00 min  
 Lab File: BG016227.D  
 Acq: 6 Apr 2015 17:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.6  | 50.9  | 76.3  |
| 75      | 29.1  | 23.3  | 34.9  |





#13

1,4-Dichlorobenzene

Concen: 38.65 ng

RT: 7.73 min Scan# 859

Delta R.T. 0.00 min

Lab File: BG016227.D

Acq: 6 Apr 2015 17:21

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

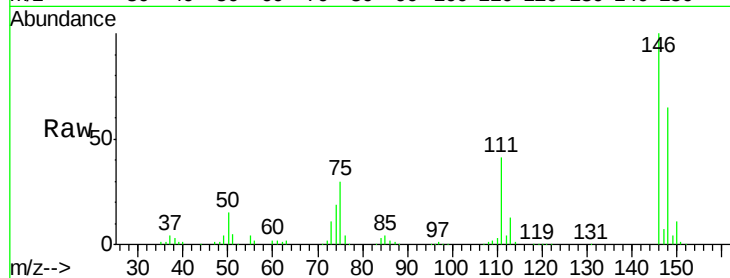
Tgt Ion:146 Resp: 194556

Ion Ratio Lower Upper

146 100

148 65.0 52.0 78.0

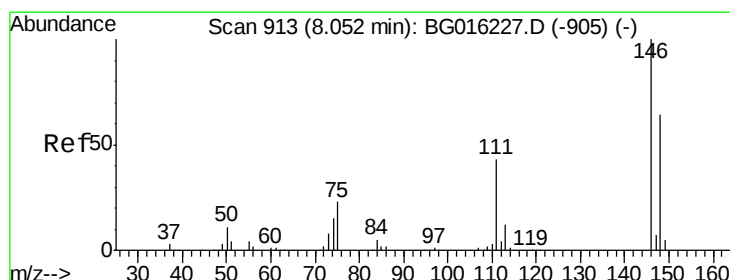
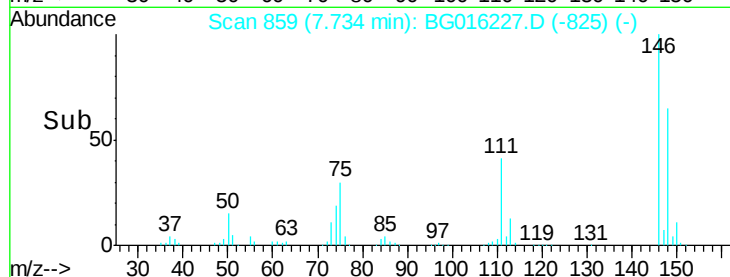
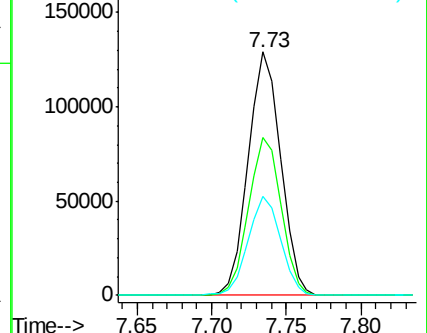
111 40.8 32.6 49.0



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: 39.70 ng

RT: 8.05 min Scan# 913

Delta R.T. 0.00 min

Lab File: BG016227.D

Acq: 6 Apr 2015 17:21

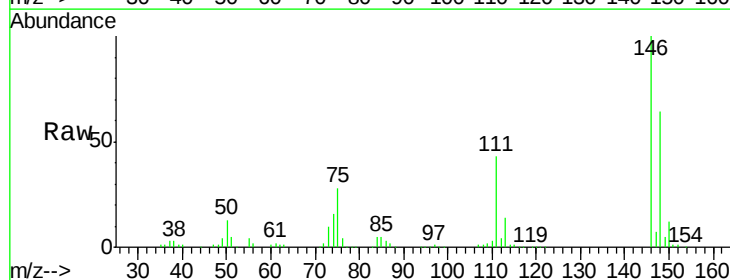
Tgt Ion:146 Resp: 189970

Ion Ratio Lower Upper

146 100

148 63.6 50.9 76.3

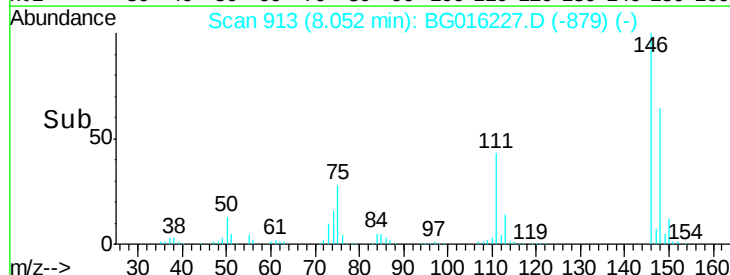
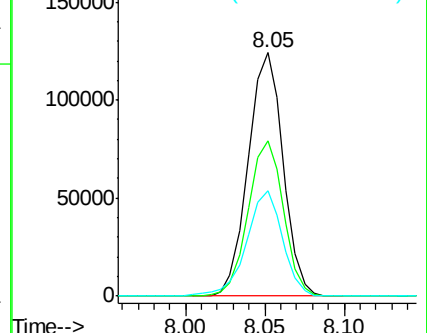
111 43.4 34.7 52.1

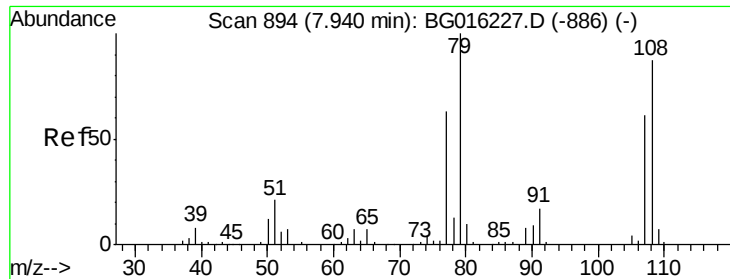


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.02 ng

RT: 7.94 min Scan# 894

Delta R.T. 0.00 min

Lab File: BG016227.D

Acq: 6 Apr 2015 17:21

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

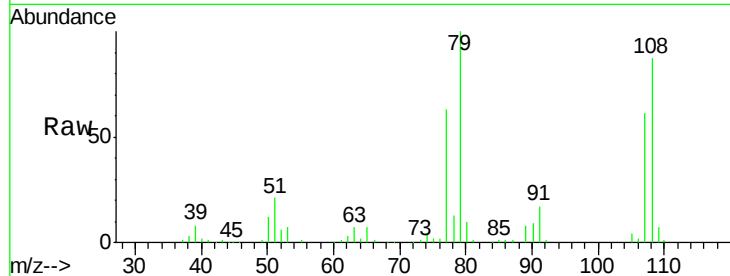
Tgt Ion: 79 Resp: 174474

Ion Ratio Lower Upper

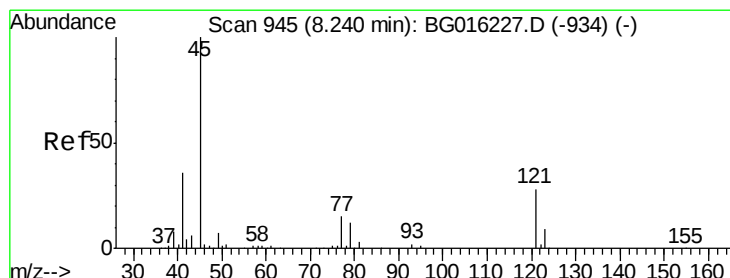
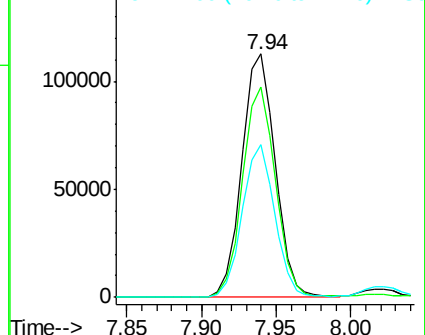
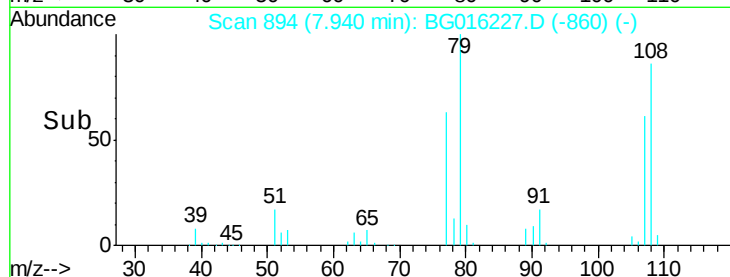
79 100

108 86.6 69.3 103.9

77 62.9 50.3 75.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.14 ng

RT: 8.24 min Scan# 945

Delta R.T. 0.00 min

Lab File: BG016227.D

Acq: 6 Apr 2015 17:21

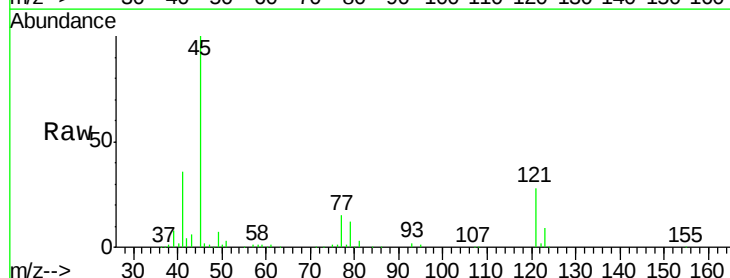
Tgt Ion: 45 Resp: 231911

Ion Ratio Lower Upper

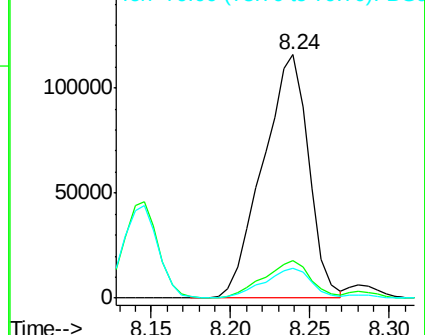
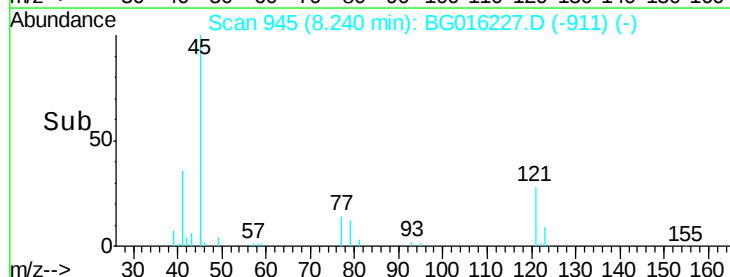
45 100

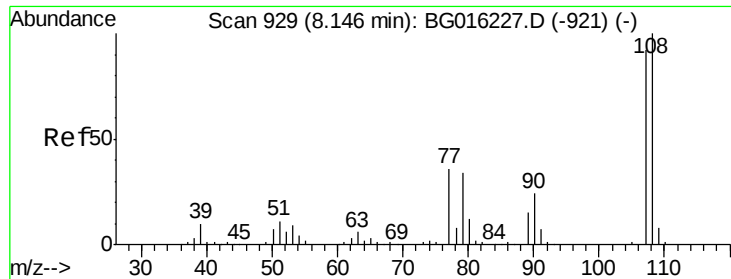
77 15.3 0.0 35.3

79 12.3 0.0 32.3



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

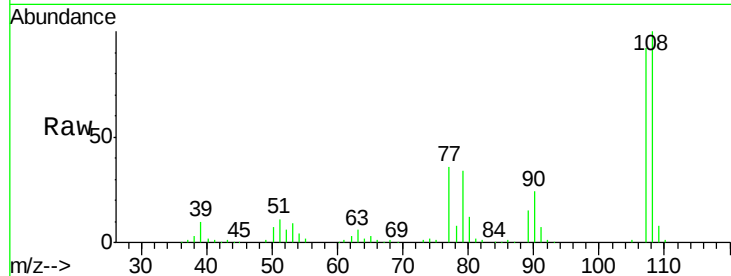




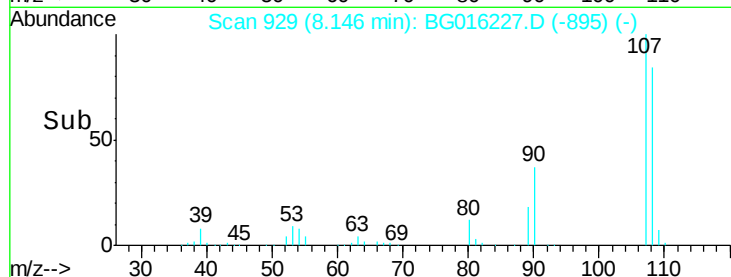
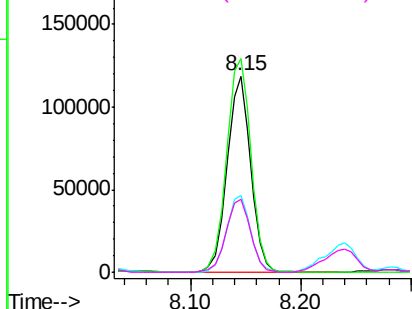
#17  
2-Methylphenol  
Concen: 42.65 ng  
RT: 8.15 min Scan# 929  
Delta R.T. 0.00 min  
Lab File: BG016227.D  
Acq: 6 Apr 2015 17:21

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

Tgt Ion:107 Resp: 176834  
Ion Ratio Lower Upper  
107 100  
108 109.0 87.2 130.8  
77 38.9 31.1 46.7  
79 37.1 29.7 44.5

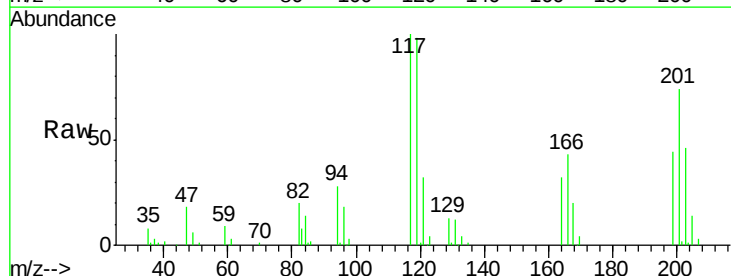


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

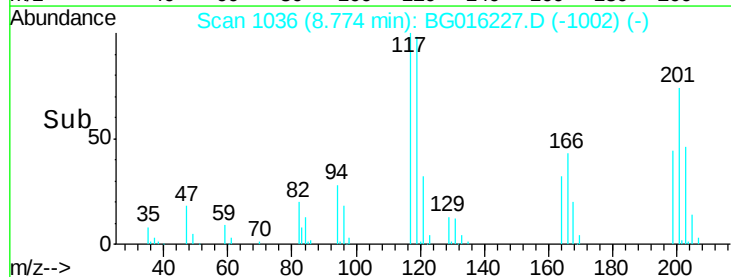
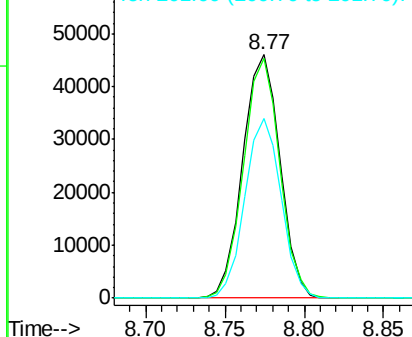


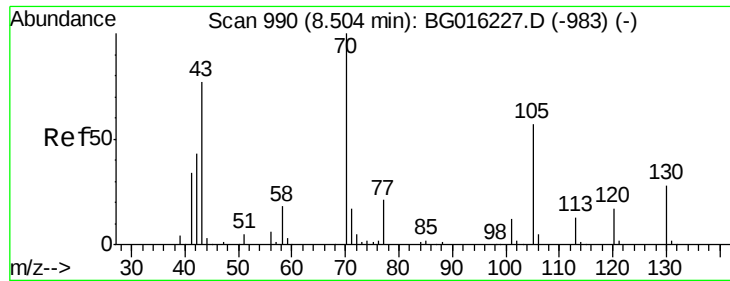
#18  
Hexachloroethane  
Concen: 41.26 ng  
RT: 8.77 min Scan# 1036  
Delta R.T. 0.00 min  
Lab File: BG016227.D  
Acq: 6 Apr 2015 17:21

Tgt Ion:117 Resp: 75340  
Ion Ratio Lower Upper  
117 100  
119 98.5 78.8 118.2  
201 73.7 59.0 88.4



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

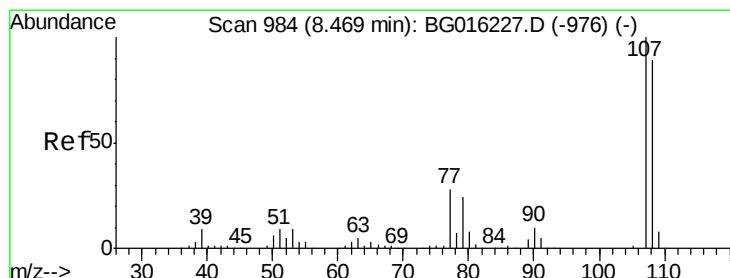
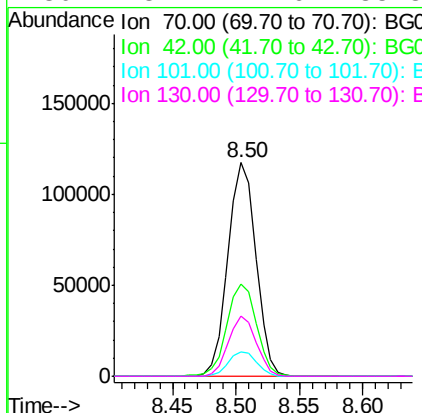
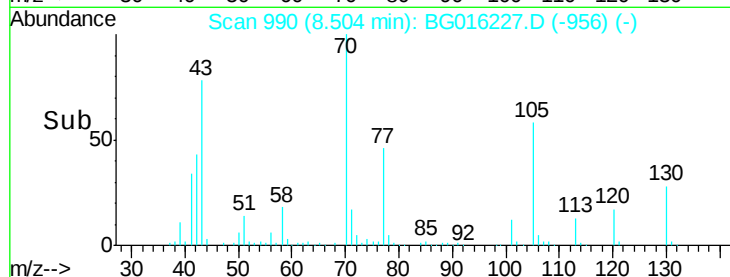
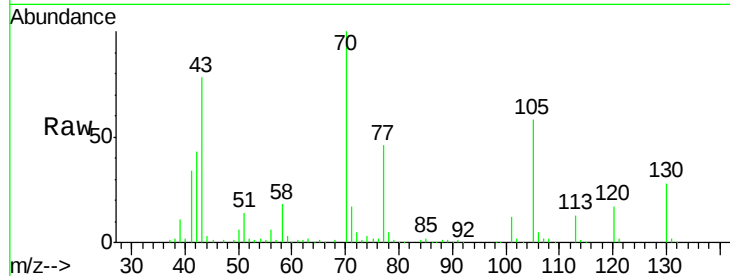




#19  
n-Nitroso-di-n-propylamine  
Concen: 45.29 ng  
RT: 8.50 min Scan# 990  
Delta R.T. 0.00 min  
Lab File: BG016227.D  
Acq: 6 Apr 2015 17:21

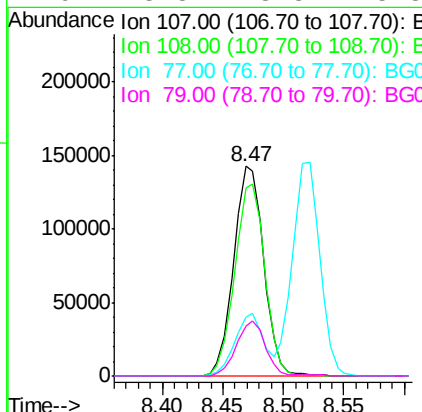
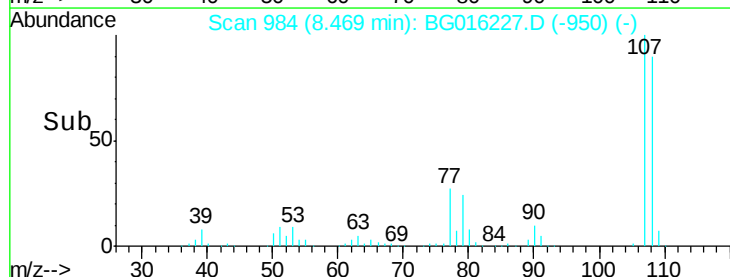
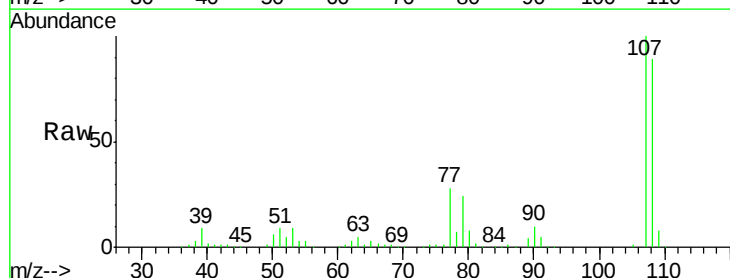
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

Tgt Ion: 70 Resp: 179897  
Ion Ratio Lower Upper  
70 100  
42 43.4 34.7 52.1  
101 11.5 9.2 13.8  
130 28.2 22.6 33.8



#20  
3+4-Methylphenols  
Concen: 43.92 ng  
RT: 8.47 min Scan# 984  
Delta R.T. 0.00 min  
Lab File: BG016227.D  
Acq: 6 Apr 2015 17:21

Tgt Ion: 107 Resp: 247972  
Ion Ratio Lower Upper  
107 100  
108 89.5 69.5 109.5  
77 28.2 8.2 48.2  
79 23.8 3.8 43.8

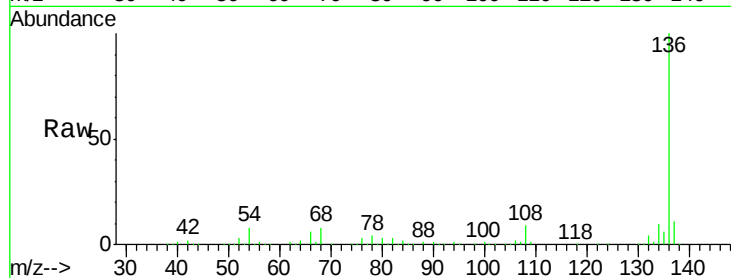




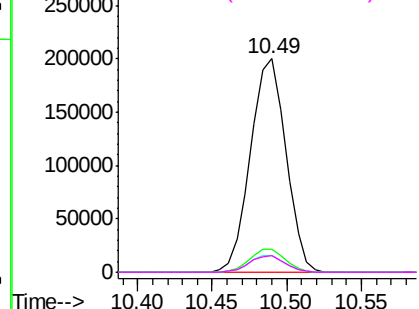
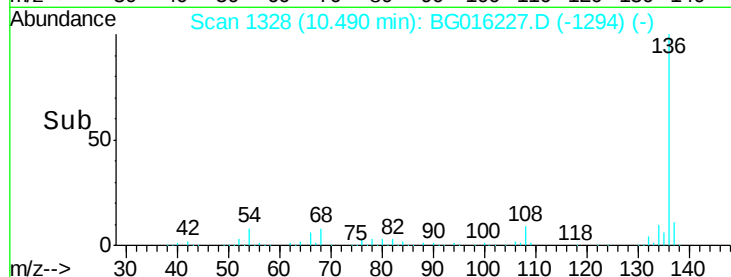
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.49 min Scan# 1328  
Delta R.T. 0.00 min  
Lab File: BG016227.D  
Acq: 6 Apr 2015 17:21

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 328035 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.9  | 8.7   | 13.1   |
| 54       | 7.9   | 6.3   | 9.5    |
| 68       | 8.1   | 6.5   | 9.7    |

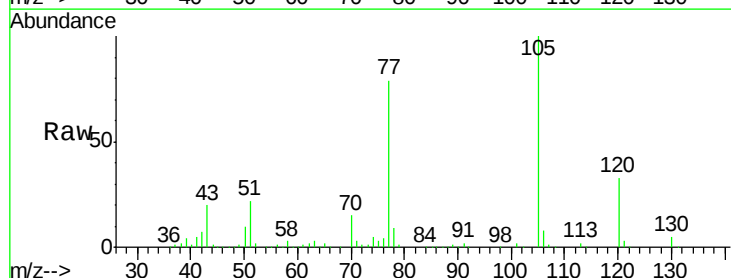


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

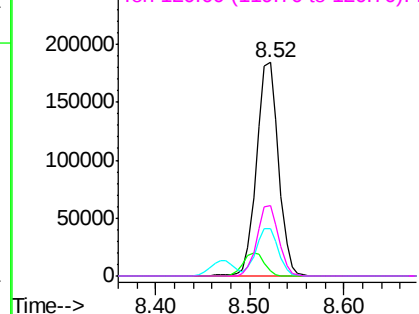
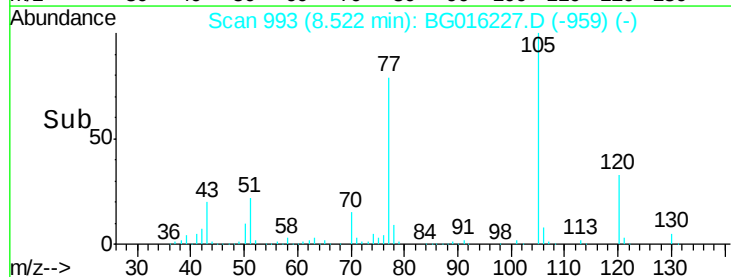


#22  
Acetophenone  
Concen: 40.17 ng  
RT: 8.52 min Scan# 993  
Delta R.T. 0.00 min  
Lab File: BG016227.D  
Acq: 6 Apr 2015 17:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 297056 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 2.5   | 2.0   | 3.0    |
| 51       | 22.4  | 17.9  | 26.9   |
| 120      | 32.9  | 26.3  | 39.5   |



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

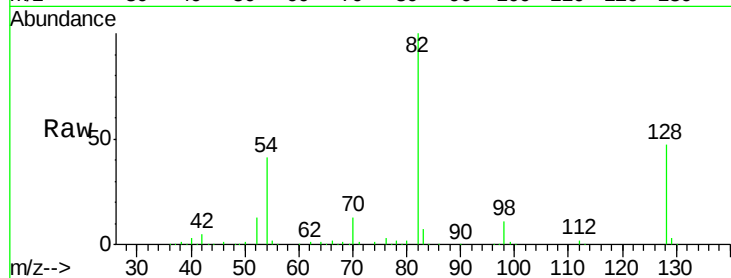




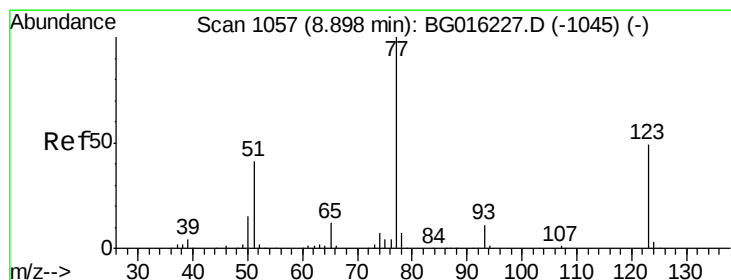
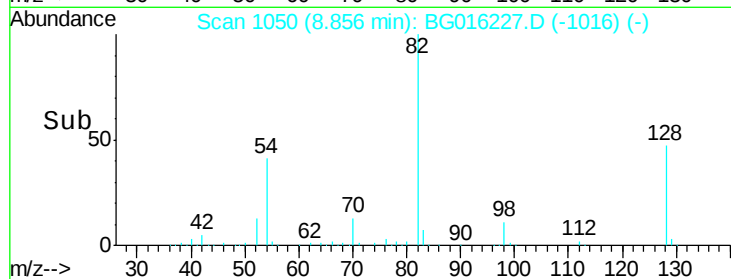
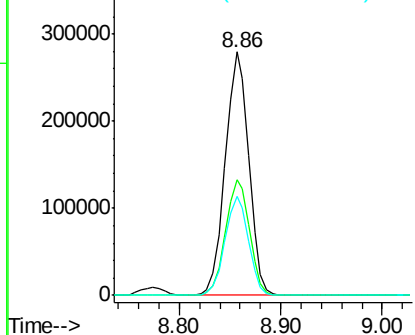
#23  
 Nitrobenzene-d5  
 Concen: 83.92 ng  
 RT: 8.86 min Scan# 1050  
 Delta R.T. 0.00 min  
 Lab File: BG016227.D  
 Acq: 6 Apr 2015 17:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 47.3  | 37.8  | 56.8  |
| 54      | 40.8  | 32.6  | 49.0  |

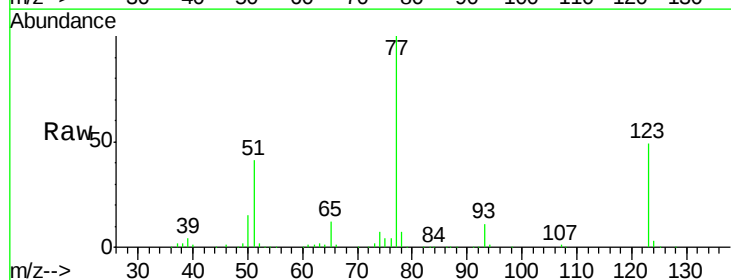


Abundance Ion 82.00 (81.70 to 82.70): BGC  
 Ion 128.00 (127.70 to 128.70): BGC  
 Ion 54.00 (53.70 to 54.70): BGC

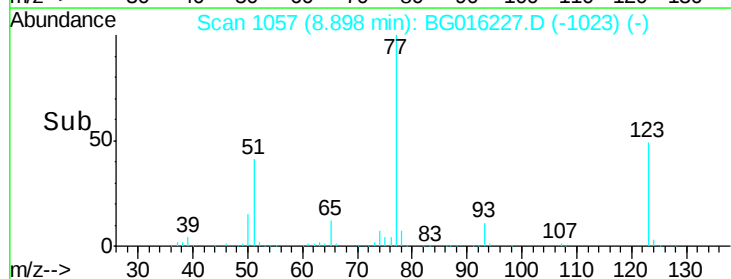
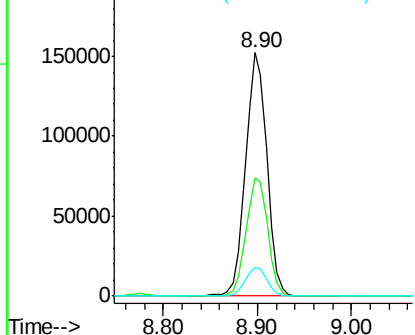


#24  
 Nitrobenzene  
 Concen: 41.43 ng  
 RT: 8.90 min Scan# 1057  
 Delta R.T. 0.00 min  
 Lab File: BG016227.D  
 Acq: 6 Apr 2015 17:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 48.5  | 38.8  | 58.2  |
| 65      | 11.8  | 9.4   | 14.2  |



Abundance Ion 77.00 (76.70 to 77.70): BGC  
 Ion 123.00 (122.70 to 123.70): BGC  
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 41.29 ng

RT: 9.41 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BG016227.D

Acq: 6 Apr 2015 17:21

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

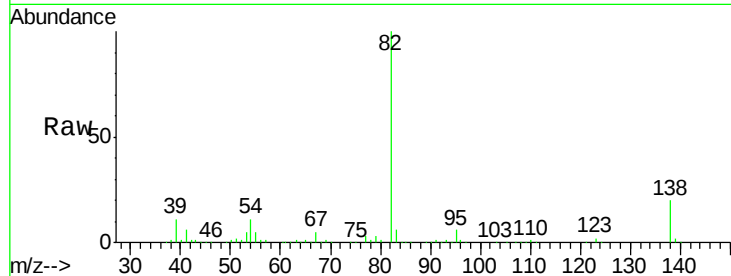
Tgt Ion: 82 Resp: 498476

Ion Ratio Lower Upper

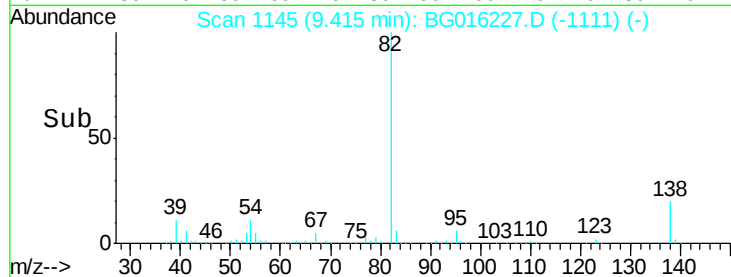
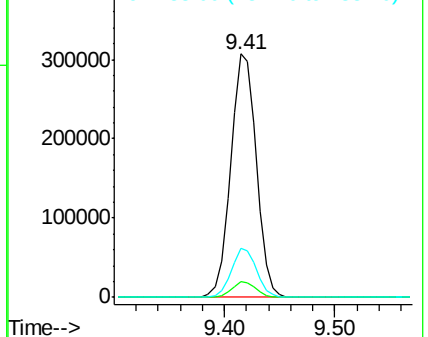
82 100

95 6.3 5.0 7.6

138 20.2 16.2 24.2



Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC  
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 38.51 ng

RT: 9.61 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BG016227.D

Acq: 6 Apr 2015 17:21

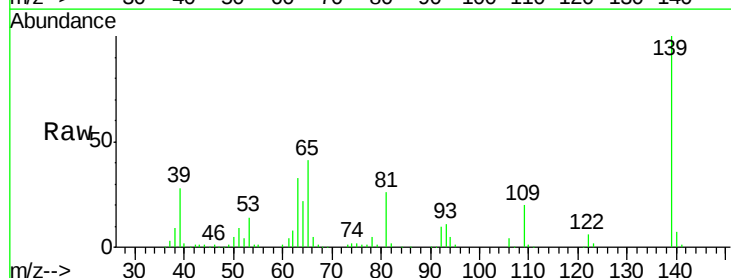
Tgt Ion: 139 Resp: 117626

Ion Ratio Lower Upper

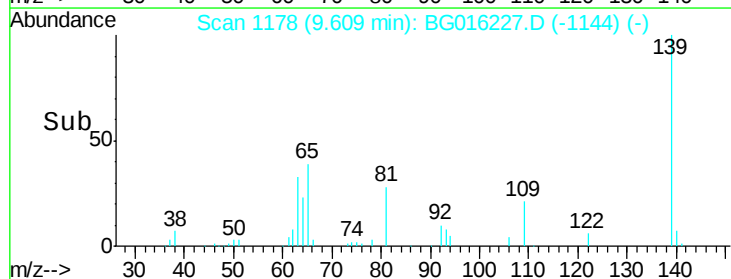
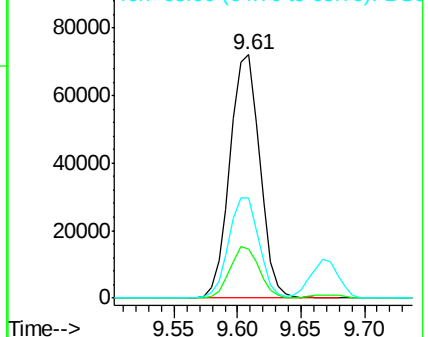
139 100

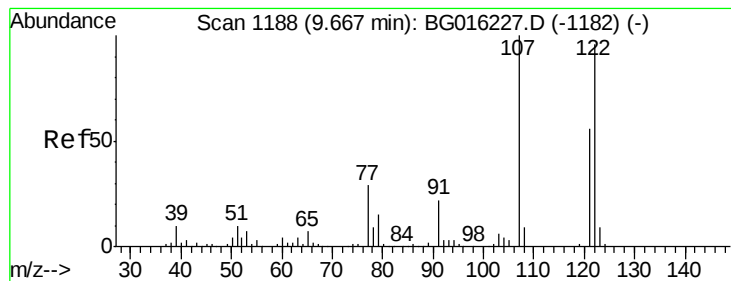
109 19.9 15.9 23.9

65 41.1 32.9 49.3



Abundance Ion 139.00 (138.70 to 139.70): BGC  
Ion 109.00 (108.70 to 109.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC





#27

2,4-Dimethylphenol

Concen: 40.24 ng

RT: 9.67 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BG016227.D

Acq: 6 Apr 2015 17:21

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

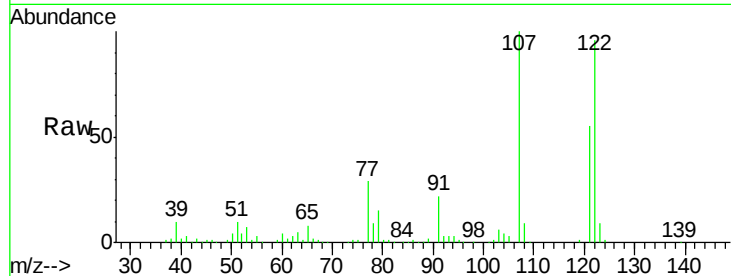
Tgt Ion:122 Resp: 208682

Ion Ratio Lower Upper

122 100

107 104.3 83.4 125.2

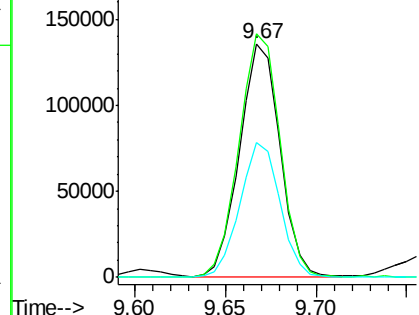
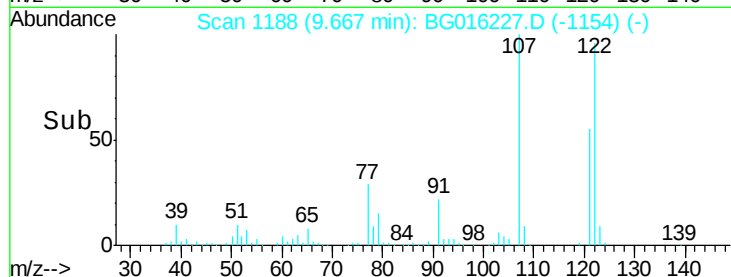
121 57.8 46.2 69.4



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: 40.49 ng

RT: 9.90 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BG016227.D

Acq: 6 Apr 2015 17:21

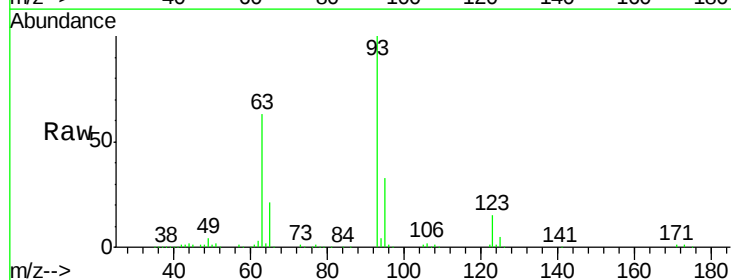
Tgt Ion: 93 Resp: 280165

Ion Ratio Lower Upper

93 100

95 32.6 26.1 39.1

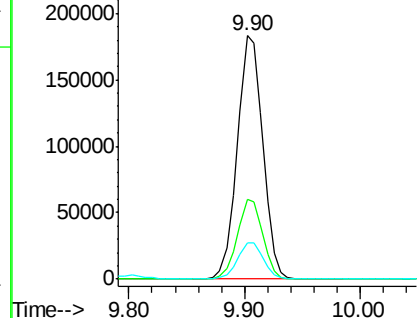
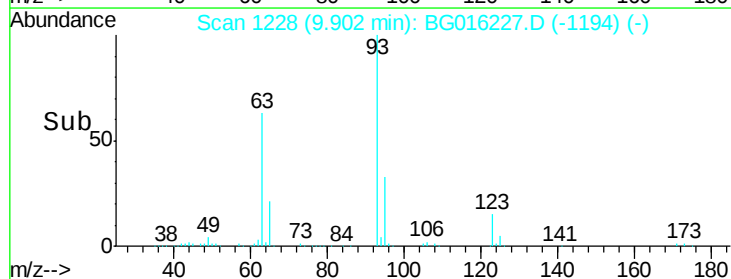
123 14.8 11.8 17.8



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

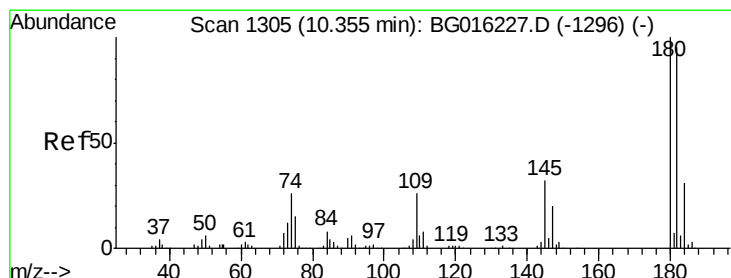
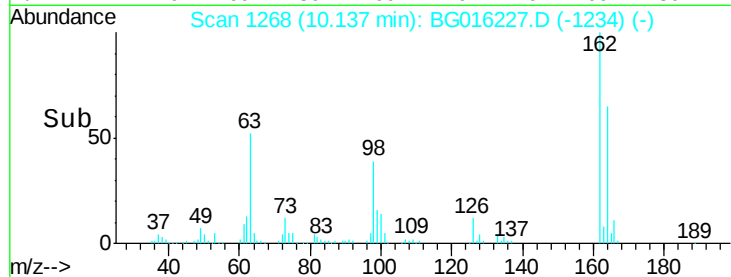
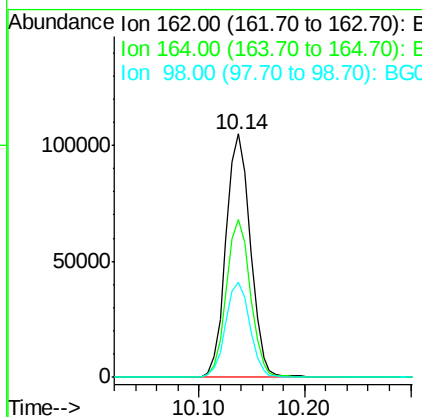
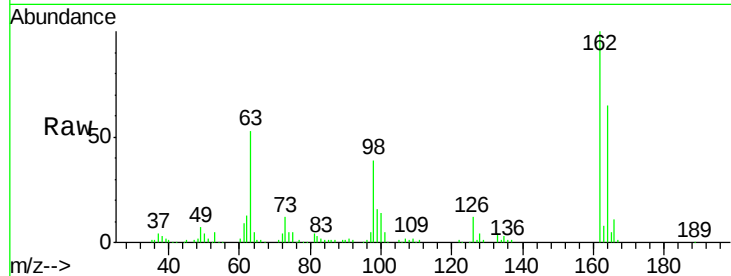




#29  
 2,4-Dichlorophenol  
 Concen: 37.47 ng  
 RT: 10.14 min Scan# 1268  
 Delta R.T. 0.00 min  
 Lab File: BG016227.D  
 Acq: 6 Apr 2015 17:21

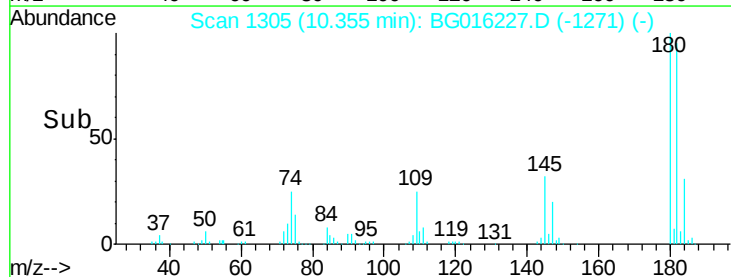
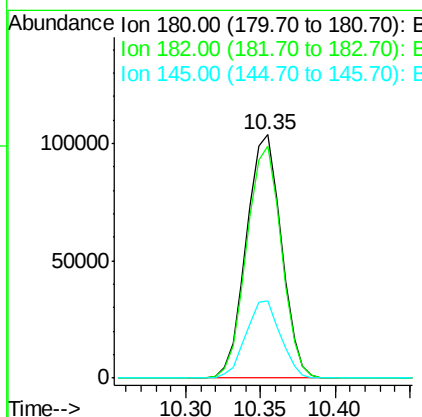
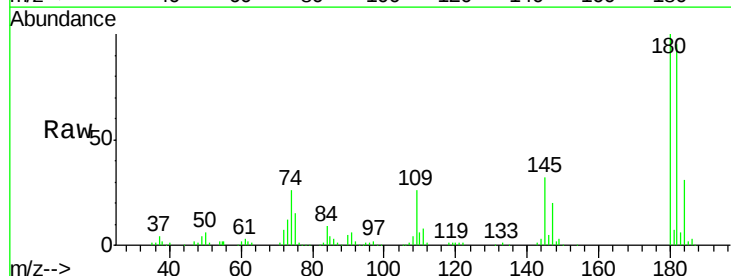
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC040

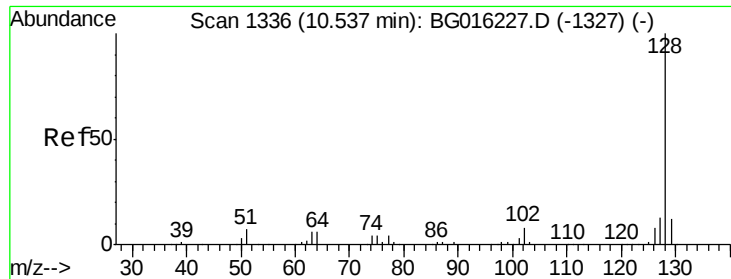
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.0  | 45.0  | 85.0  |
| 98      | 39.1  | 19.1  | 59.1  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 34.95 ng  
 RT: 10.35 min Scan# 1305  
 Delta R.T. 0.00 min  
 Lab File: BG016227.D  
 Acq: 6 Apr 2015 17:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.4  | 76.3  | 114.5 |
| 145     | 31.5  | 25.2  | 37.8  |

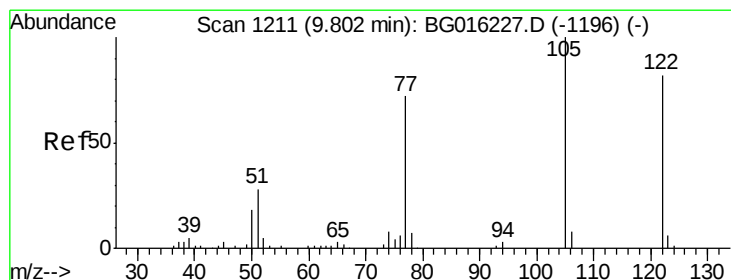
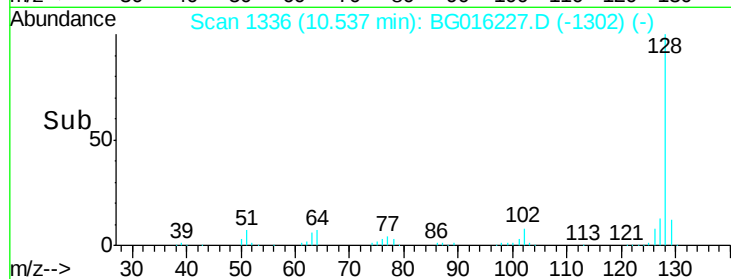
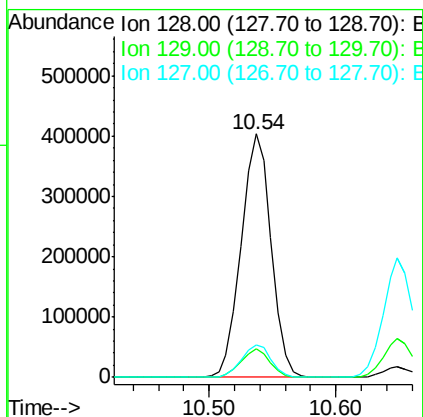
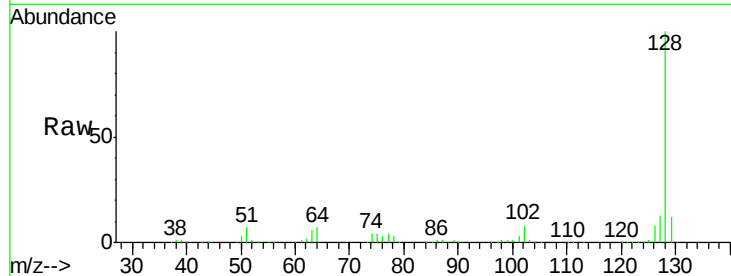




#31  
Naphthalene  
Concen: 37.73 ng  
RT: 10.54 min Scan# 1336  
Delta R.T. 0.00 min  
Lab File: BG016227.D  
Acq: 6 Apr 2015 17:21

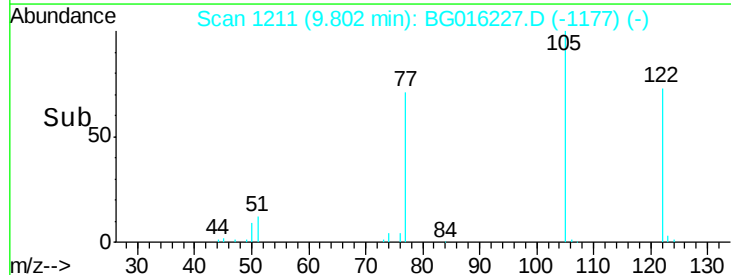
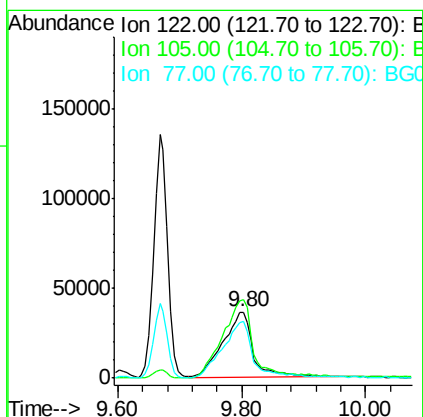
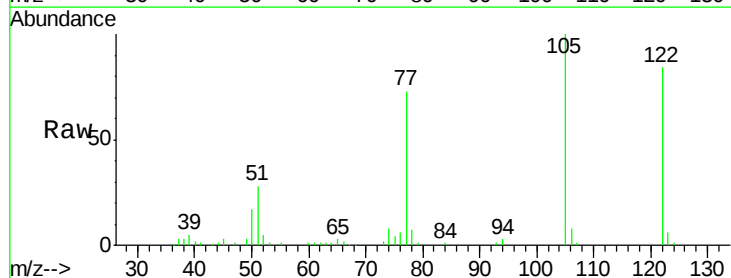
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

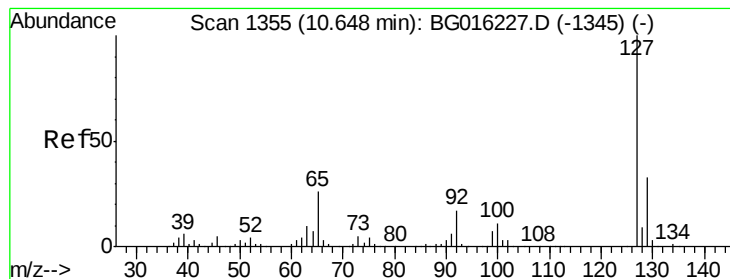
Tgt Ion:128 Resp: 658282  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.2 13.8  
127 13.3 10.6 16.0



#32  
Benzoic acid  
Concen: 38.90 ng  
RT: 9.80 min Scan# 1211  
Delta R.T. 0.00 min  
Lab File: BG016227.D  
Acq: 6 Apr 2015 17:21

Tgt Ion:122 Resp: 121857  
Ion Ratio Lower Upper  
122 100  
105 119.7 99.7 139.7  
77 86.8 66.8 106.8





#33

4-Chloroaniline

Concen: 41.09 ng

RT: 10.65 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BG016227.D

Acq: 6 Apr 2015 17:21

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 317568

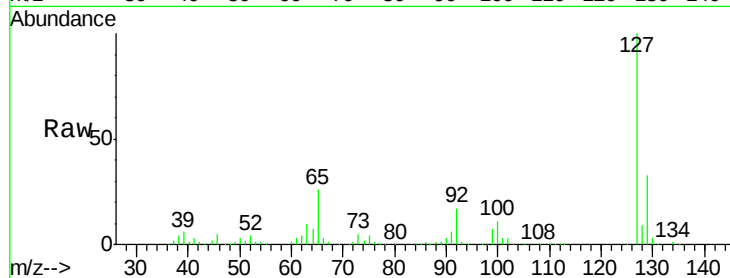
Ion Ratio Lower Upper

127 100

129 32.6 26.1 39.1

65 26.5 21.2 31.8

92 17.2 13.8 20.6

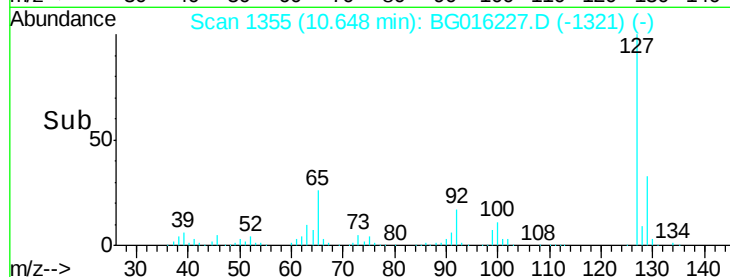


Abundance Ion 127.00 (126.70 to 127.70): E

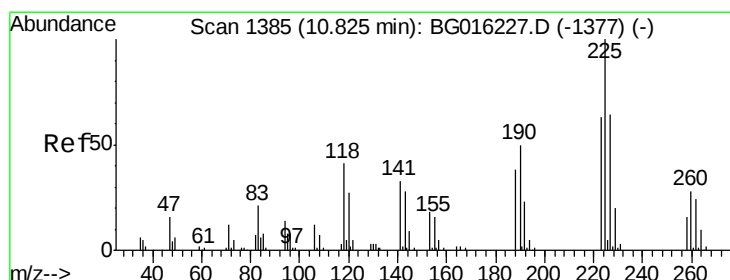
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



Time-->



#34

Hexachlorobutadiene

Concen: 28.73 ng

RT: 10.82 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BG016227.D

Acq: 6 Apr 2015 17:21

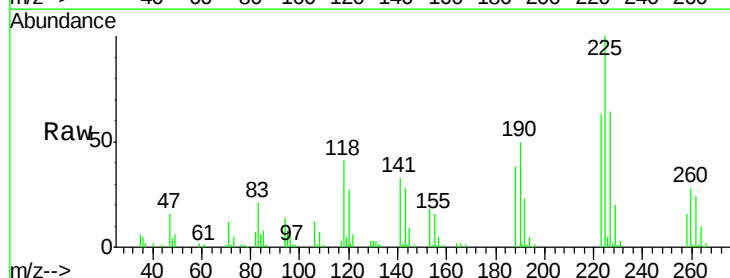
Tgt Ion:225 Resp: 73244

Ion Ratio Lower Upper

225 100

223 63.0 50.4 75.6

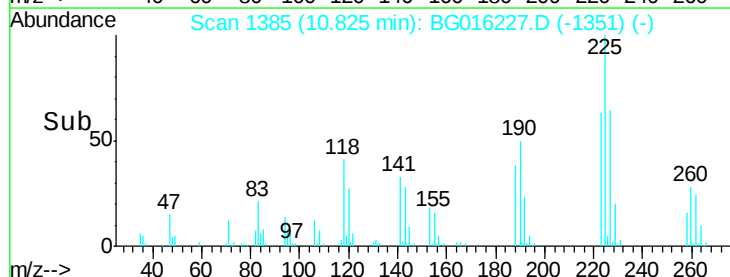
227 64.0 51.2 76.8



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



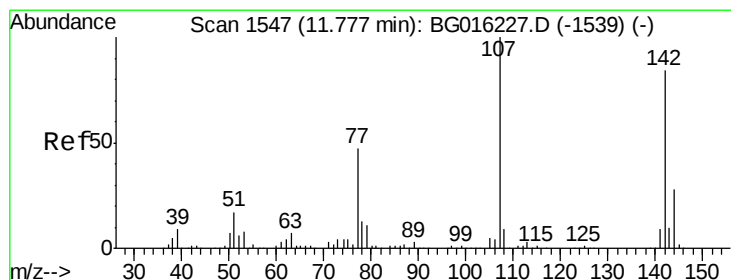
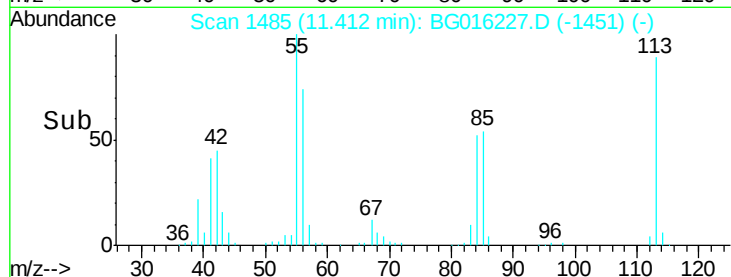
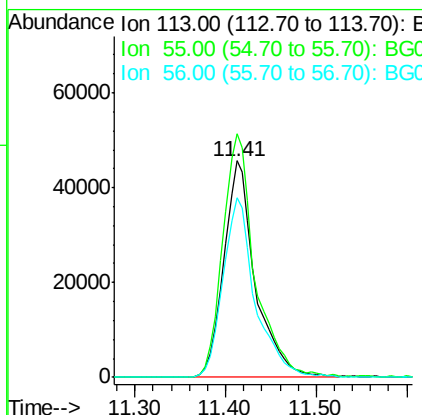
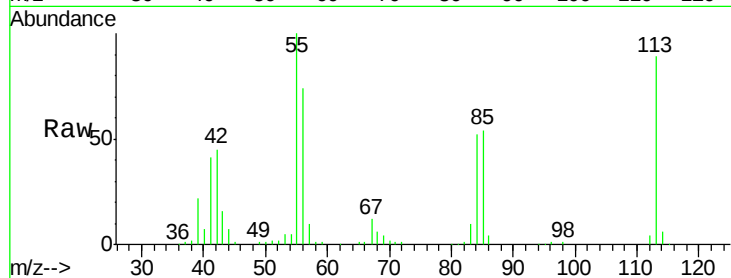
Time-->



#35  
 Caprolactam  
 Concen: 43.86 ng  
 RT: 11.41 min Scan# 1485  
 Delta R.T. 0.00 min  
 Lab File: BG016227.D  
 Acq: 6 Apr 2015 17:21

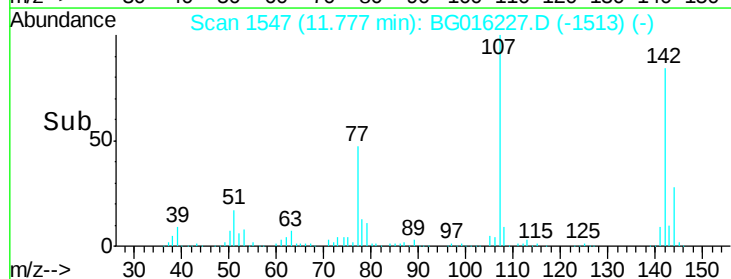
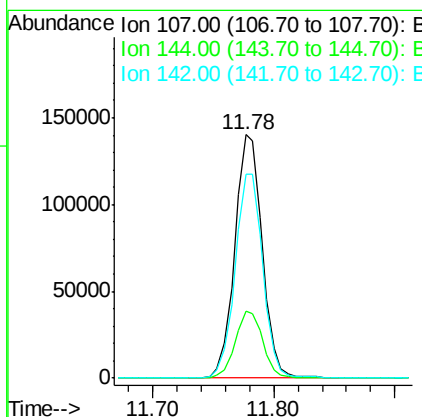
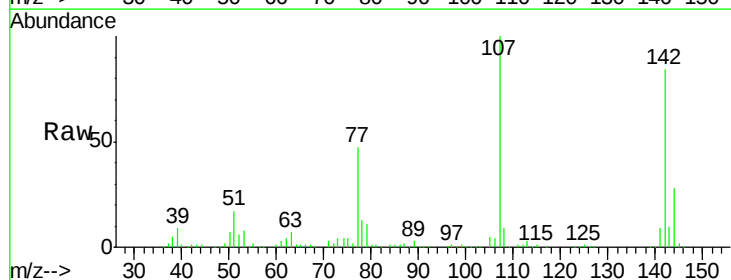
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC040

Tgt Ion:113 Resp: 110115  
 Ion Ratio Lower Upper  
 113 100  
 55 112.4 92.4 132.4  
 56 83.2 63.2 103.2



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.12 ng  
 RT: 11.78 min Scan# 1547  
 Delta R.T. 0.00 min  
 Lab File: BG016227.D  
 Acq: 6 Apr 2015 17:21

Tgt Ion:107 Resp: 221705  
 Ion Ratio Lower Upper  
 107 100  
 144 27.5 22.0 33.0  
 142 83.8 67.0 100.6

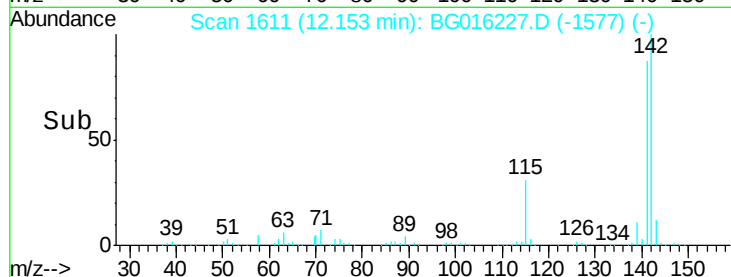
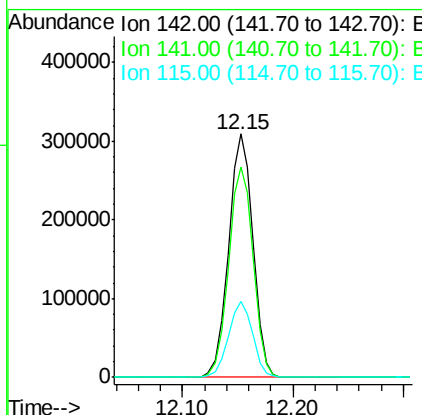
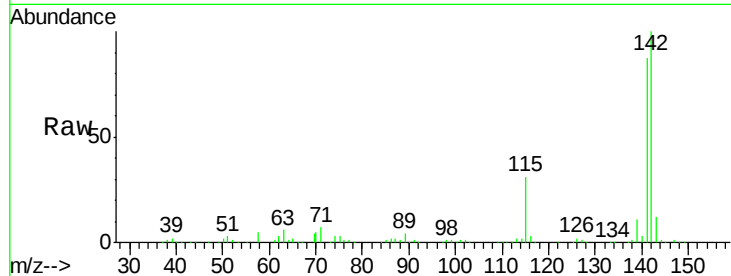




#37  
2-Methylnaphthalene  
Concen: 38.21 ng  
RT: 12.15 min Scan# 1611  
Delta R.T. 0.00 min  
Lab File: BG016227.D  
Acq: 6 Apr 2015 17:21

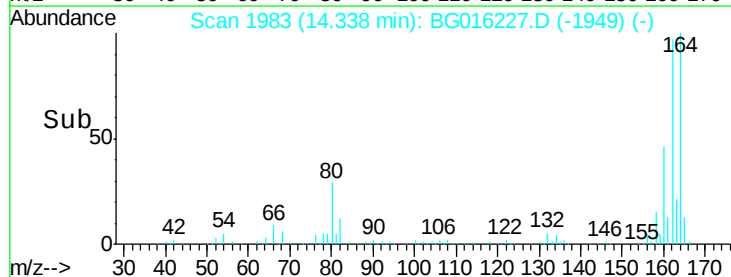
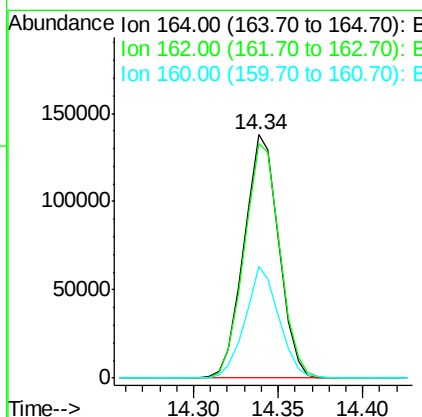
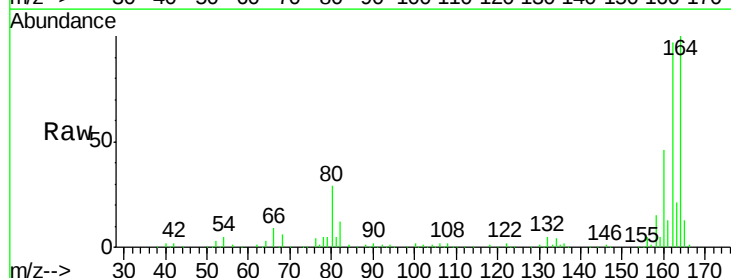
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

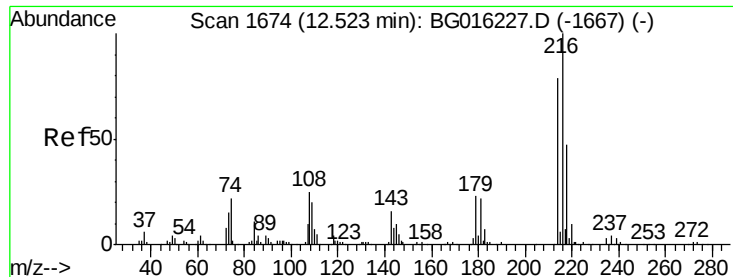
Tgt Ion:142 Resp: 476574  
Ion Ratio Lower Upper  
142 100  
141 86.6 69.3 103.9  
115 31.3 25.0 37.6



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.34 min Scan# 1983  
Delta R.T. 0.00 min  
Lab File: BG016227.D  
Acq: 6 Apr 2015 17:21

Tgt Ion:164 Resp: 196978  
Ion Ratio Lower Upper  
164 100  
162 96.6 77.3 115.9  
160 45.9 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.13 ng

RT: 12.52 min Scan# 1674

Delta R.T. 0.00 min

Lab File: BG016227.D

Acq: 6 Apr 2015 17:21

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

Tgt Ion:216 Resp: 165103

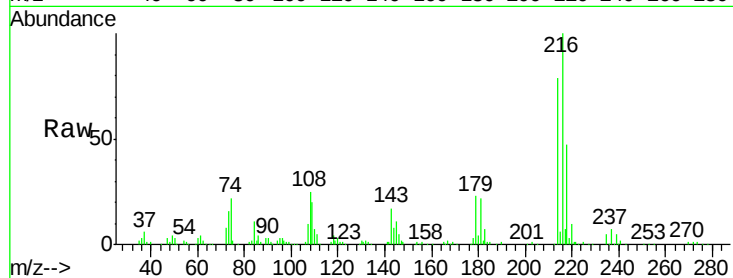
Ion Ratio Lower Upper

216 100

214 79.2 63.4 95.0

179 22.7 18.2 27.2

108 26.5 21.2 31.8

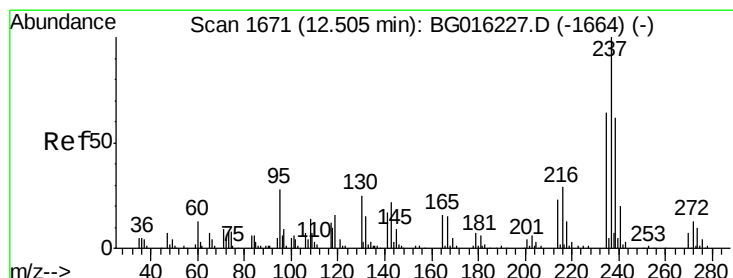
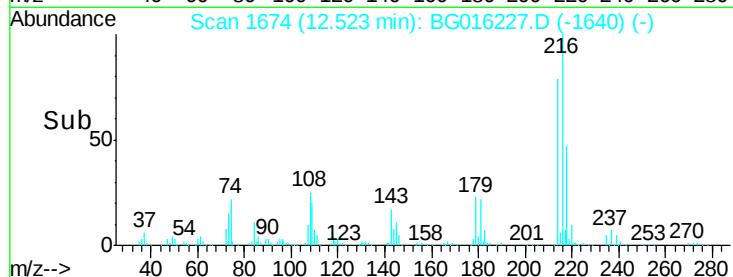
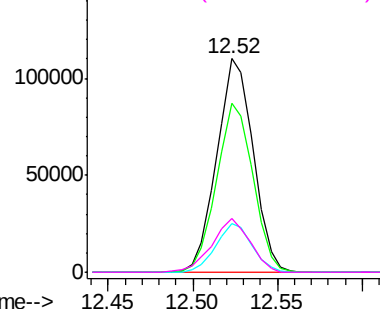


Abundance Ion 216.00 (215.70 to 216.70): E

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: 28.15 ng

RT: 12.51 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BG016227.D

Acq: 6 Apr 2015 17:21

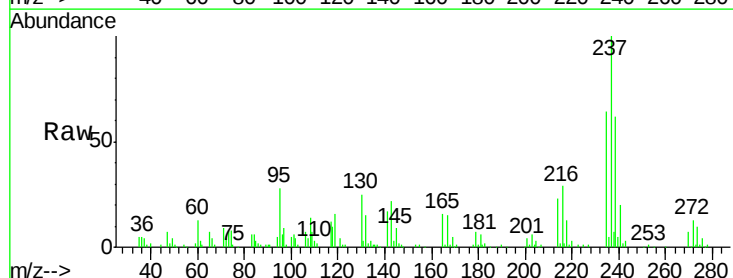
Tgt Ion:237 Resp: 77402

Ion Ratio Lower Upper

237 100

235 63.9 43.9 83.9

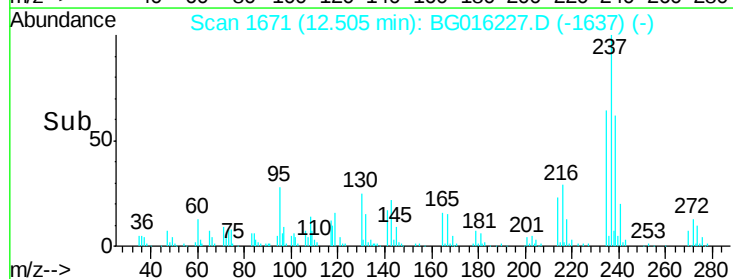
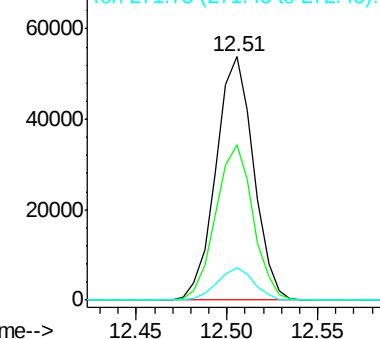
272 13.1 0.0 33.1

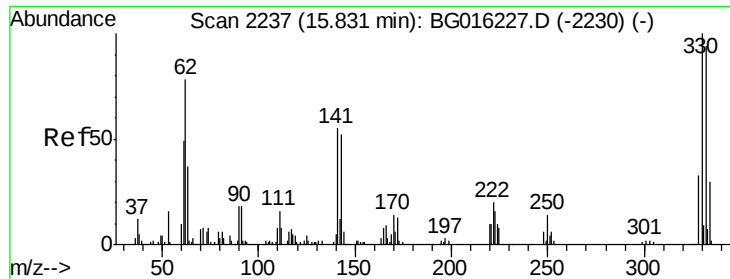


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

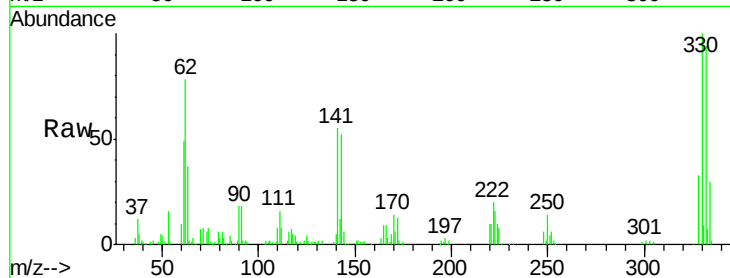




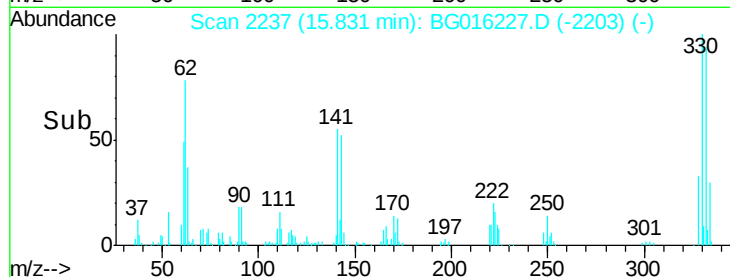
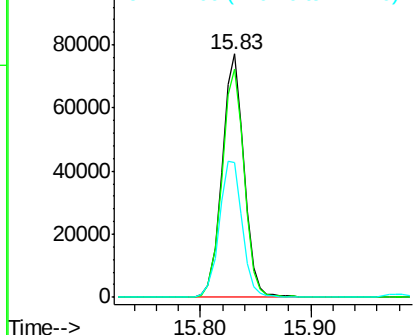
#41  
 2,4,6-Tribromophenol  
 Concen: 50.46 ng  
 RT: 15.83 min Scan# 2237  
 Delta R.T. 0.00 min  
 Lab File: BG016227.D  
 Acq: 6 Apr 2015 17:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC040

Tgt Ion:330 Resp: 107118  
 Ion Ratio Lower Upper  
 330 100  
 332 94.7 75.8 113.6  
 141 58.2 46.6 69.8

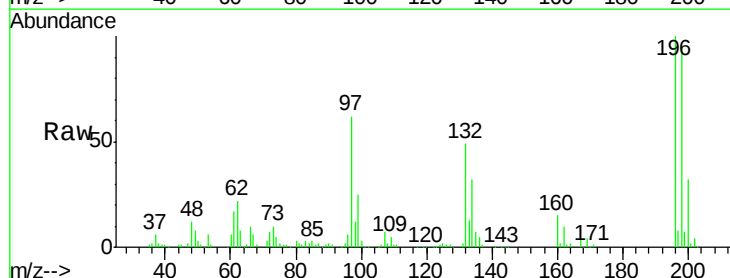


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

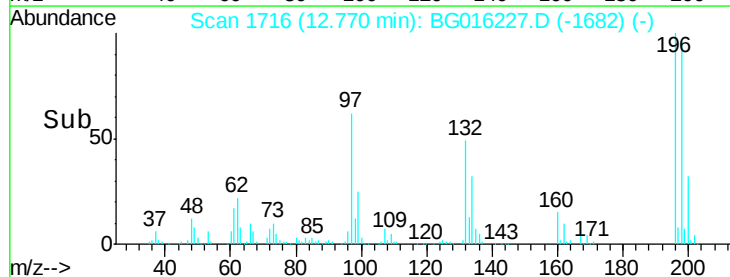
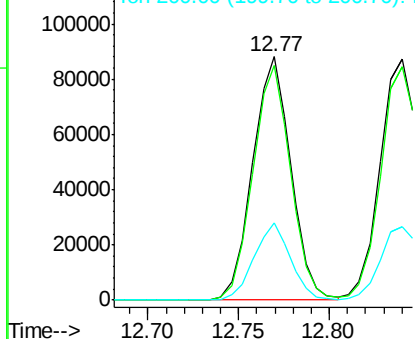


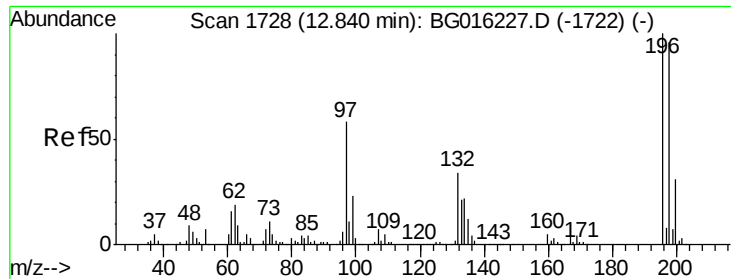
#42  
 2,4,6-Trichlorophenol  
 Concen: 36.81 ng  
 RT: 12.77 min Scan# 1716  
 Delta R.T. 0.00 min  
 Lab File: BG016227.D  
 Acq: 6 Apr 2015 17:21

Tgt Ion:196 Resp: 128460  
 Ion Ratio Lower Upper  
 196 100  
 198 96.5 77.2 115.8  
 200 31.6 25.3 37.9



Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

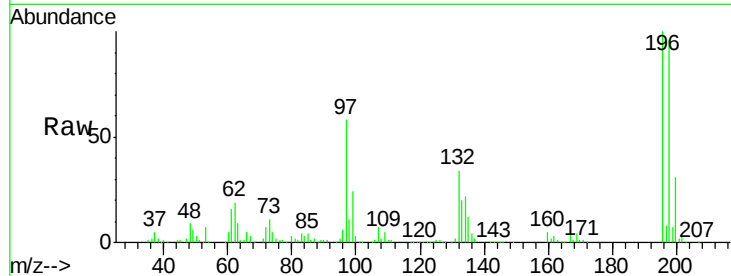




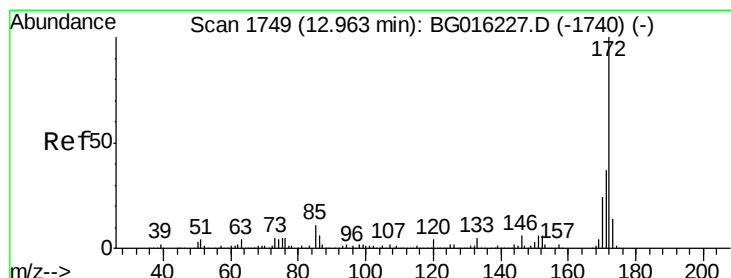
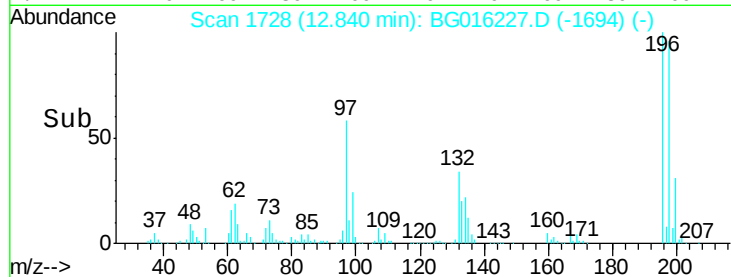
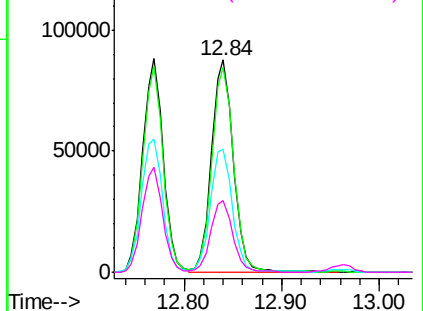
#43  
 2,4,5-Trichlorophenol  
 Concen: 35.73 ng  
 RT: 12.84 min Scan# 1728  
 Delta R.T. 0.00 min  
 Lab File: BG016227.D  
 Acq: 6 Apr 2015 17:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC040

Tgt Ion:196 Resp: 135392  
 Ion Ratio Lower Upper  
 196 100  
 198 96.4 77.1 115.7  
 97 58.2 46.6 69.8  
 132 33.8 27.0 40.6

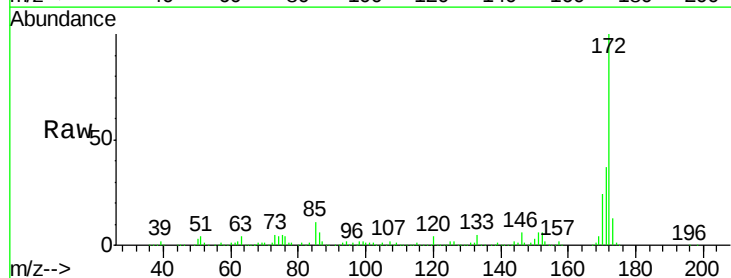


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BG  
 Ion 132.00 (131.70 to 132.70): E

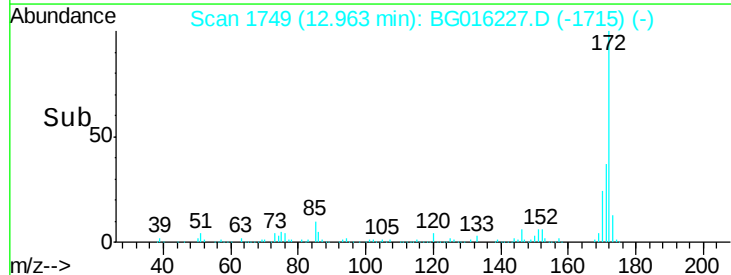
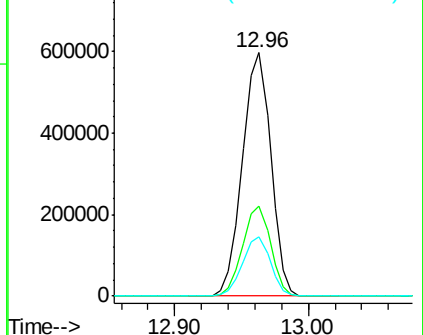


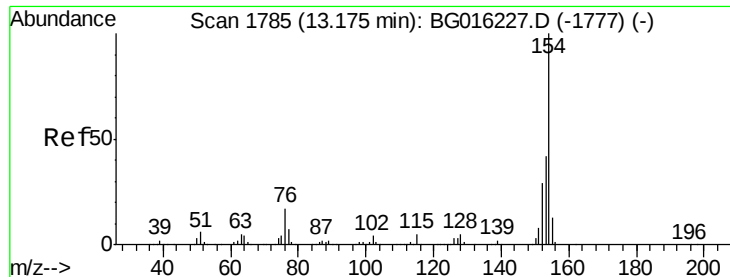
#44  
 2-Fluorobiphenyl  
 Concen: 75.39 ng  
 RT: 12.96 min Scan# 1749  
 Delta R.T. 0.00 min  
 Lab File: BG016227.D  
 Acq: 6 Apr 2015 17:21

Tgt Ion:172 Resp: 879303  
 Ion Ratio Lower Upper  
 172 100  
 171 37.0 29.6 44.4  
 170 24.3 19.4 29.2



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

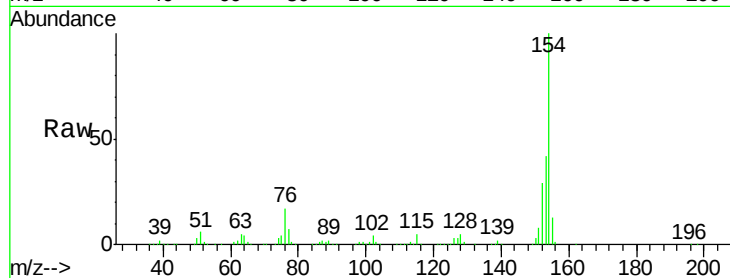




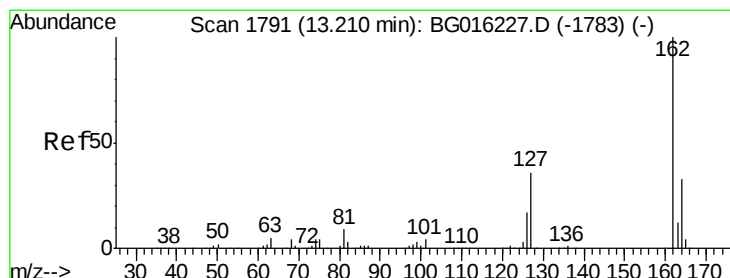
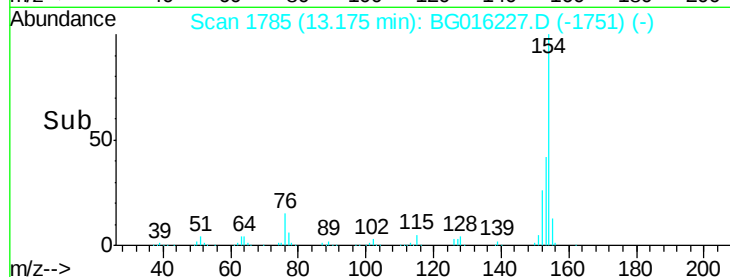
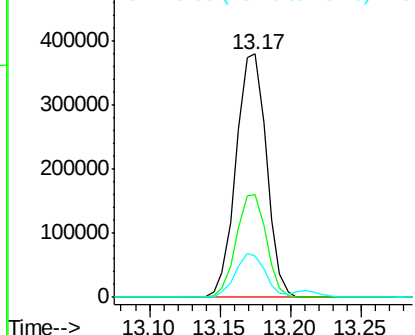
#45  
 1,1'-Biphenyl  
 Concen: 39.54 ng  
 RT: 13.17 min Scan# 1785  
 Delta R.T. 0.00 min  
 Lab File: BG016227.D  
 Acq: 6 Apr 2015 17:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 154   | Resp: | 570864 |
| Ion      | Ratio | Lower | Upper  |
| 154      | 100   |       |        |
| 153      | 42.4  | 22.4  | 62.4   |
| 76       | 17.1  | 0.0   | 37.1   |

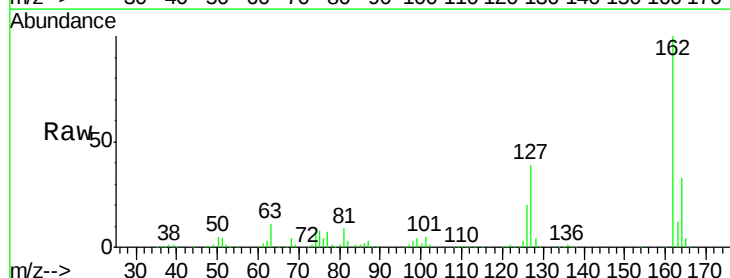


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BGC

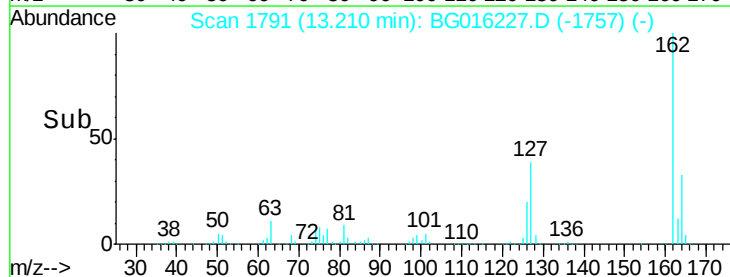
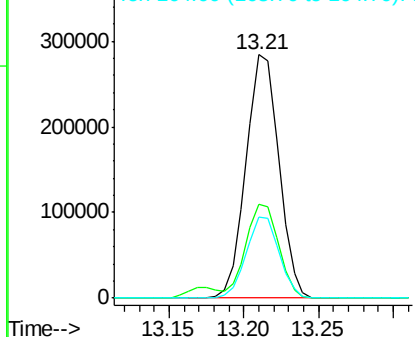


#46  
 2-Chloronaphthalene  
 Concen: 38.66 ng  
 RT: 13.21 min Scan# 1791  
 Delta R.T. 0.00 min  
 Lab File: BG016227.D  
 Acq: 6 Apr 2015 17:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 162   | Resp: | 433335 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 127      | 38.5  | 30.8  | 46.2   |
| 164      | 33.3  | 26.6  | 40.0   |



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

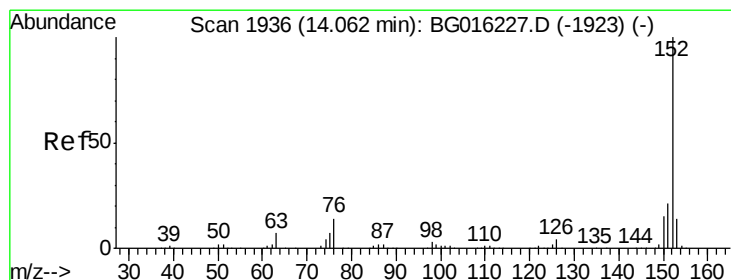
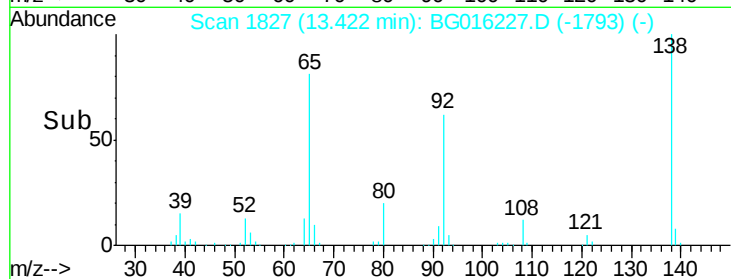
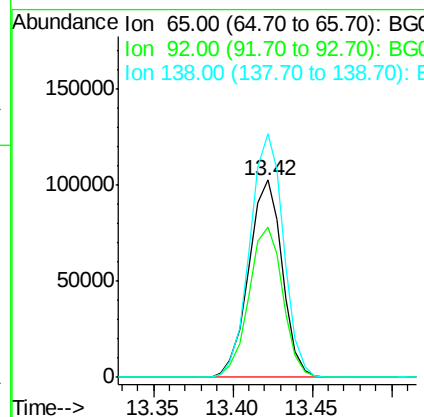
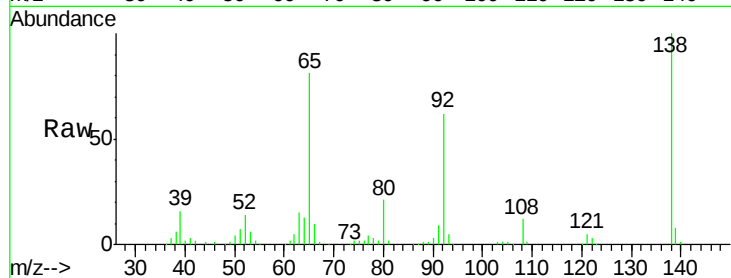




#47  
 2-Nitroaniline  
 Concen: 45.44 ng  
 RT: 13.42 min Scan# 1827  
 Delta R.T. 0.00 min  
 Lab File: BG016227.D  
 Acq: 6 Apr 2015 17:21

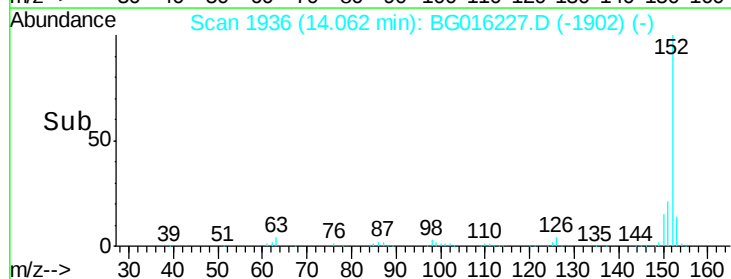
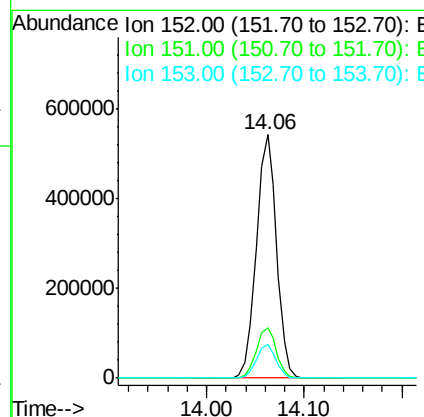
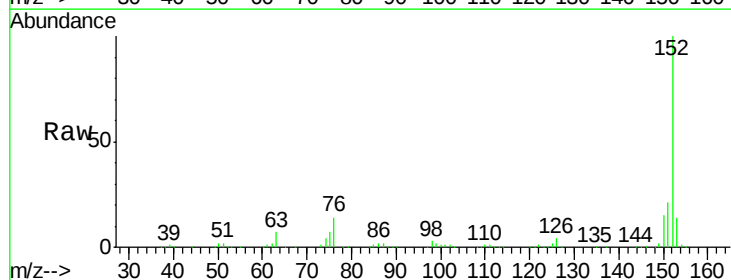
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC040

Tgt Ion: 65 Resp: 150553  
 Ion Ratio Lower Upper  
 65 100  
 92 76.3 61.0 91.6  
 138 123.4 98.7 148.1



#48  
 Acenaphthylene  
 Concen: 38.42 ng  
 RT: 14.06 min Scan# 1936  
 Delta R.T. 0.00 min  
 Lab File: BG016227.D  
 Acq: 6 Apr 2015 17:21

Tgt Ion: 152 Resp: 785700  
 Ion Ratio Lower Upper  
 152 100  
 151 20.6 16.5 24.7  
 153 13.9 11.1 16.7





#49

Dimethylphthalate

Concen: 40.30 ng

RT: 13.80 min Scan# 1892

Delta R.T. 0.00 min

Lab File: BG016227.D

Acq: 6 Apr 2015 17:21

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

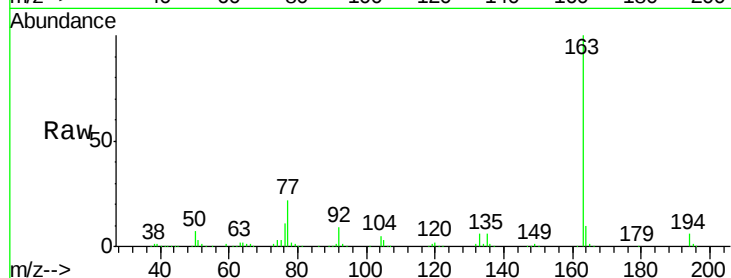
Tgt Ion:163 Resp: 558508

Ion Ratio Lower Upper

163 100

194 6.2 5.0 7.4

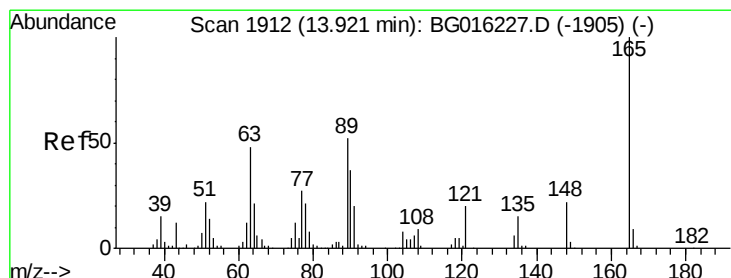
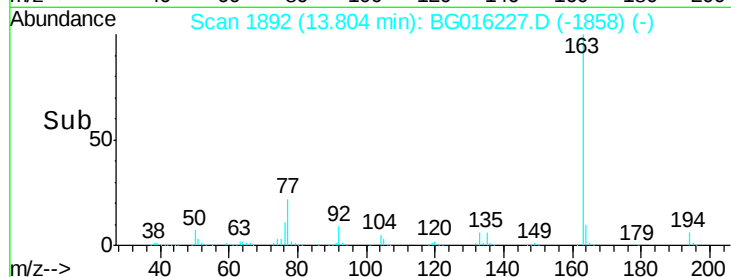
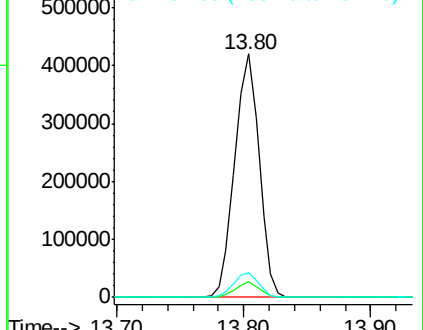
164 10.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.87 ng

RT: 13.92 min Scan# 1912

Delta R.T. 0.00 min

Lab File: BG016227.D

Acq: 6 Apr 2015 17:21

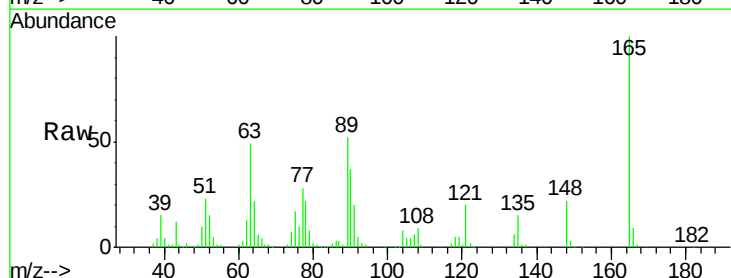
Tgt Ion:165 Resp: 137897

Ion Ratio Lower Upper

165 100

63 49.1 39.3 58.9

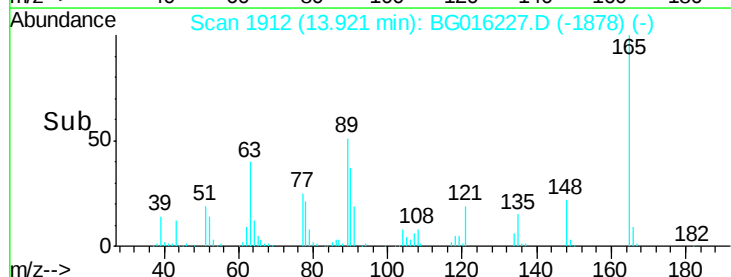
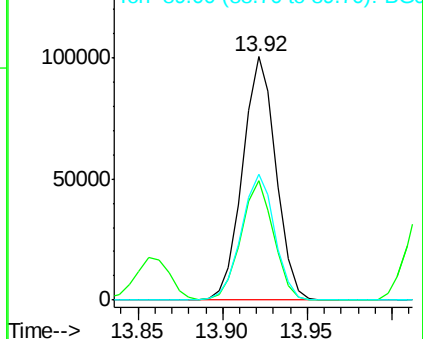
89 51.6 41.3 61.9



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 37.40 ng

RT: 14.40 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BG016227.D

Acq: 6 Apr 2015 17:21

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

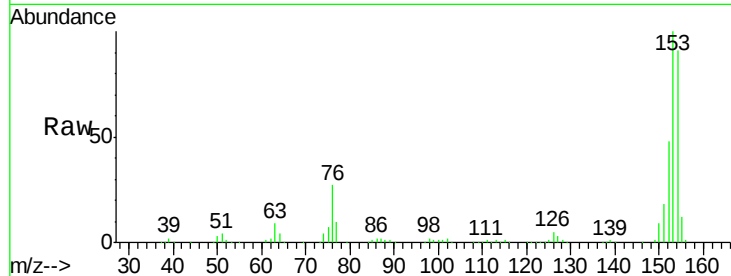
Tgt Ion:154 Resp: 460866

Ion Ratio Lower Upper

154 100

153 109.4 87.5 131.3

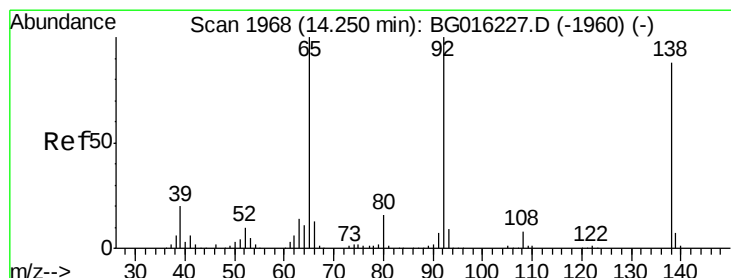
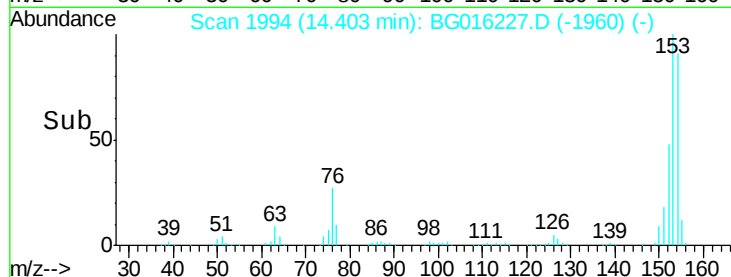
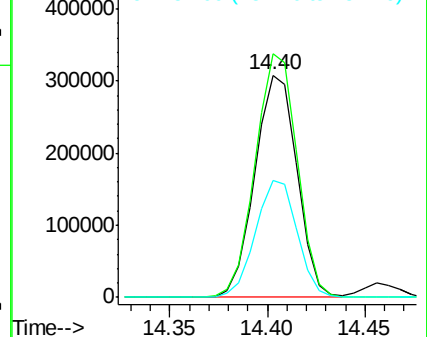
152 52.6 42.1 63.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.80 ng

RT: 14.25 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG016227.D

Acq: 6 Apr 2015 17:21

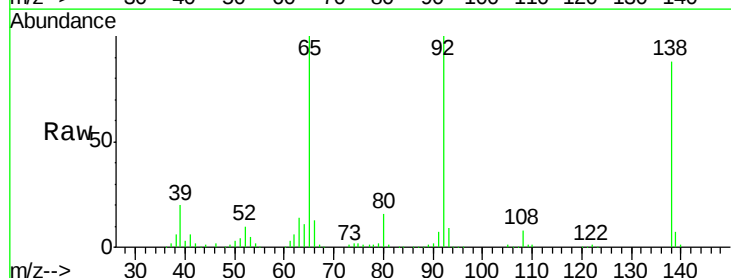
Tgt Ion:138 Resp: 178234

Ion Ratio Lower Upper

138 100

108 9.2 7.4 11.0

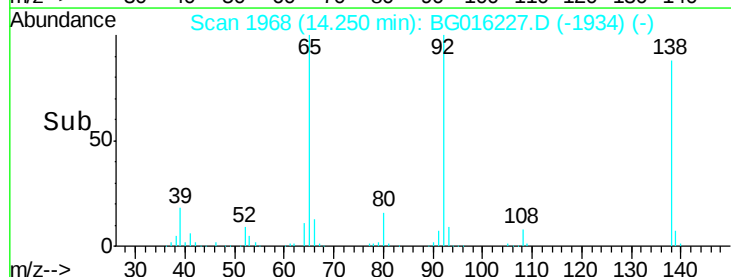
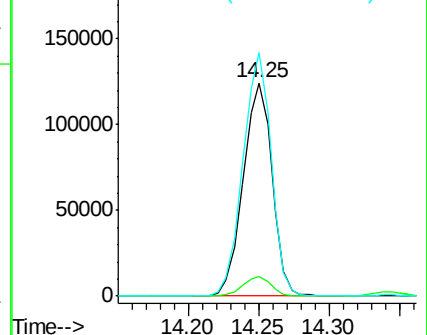
92 114.2 91.4 137.0

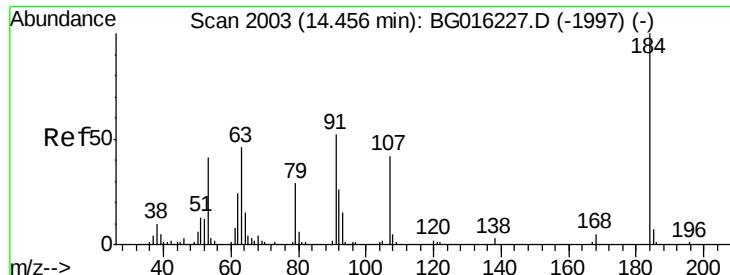


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

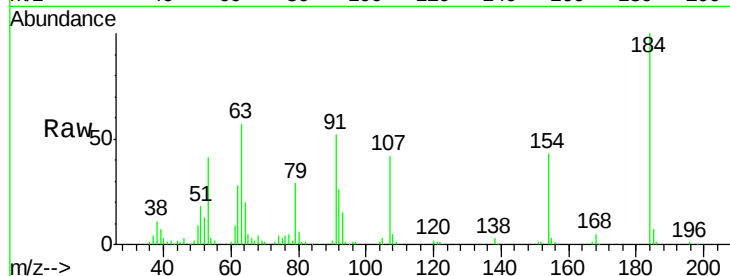




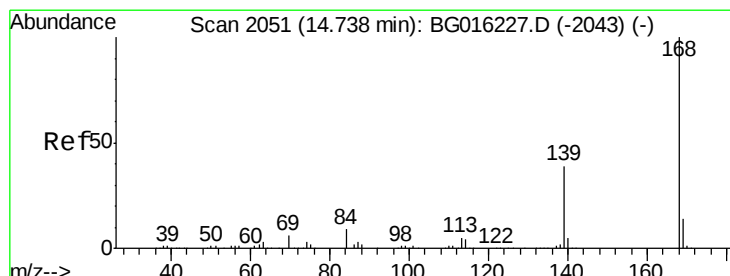
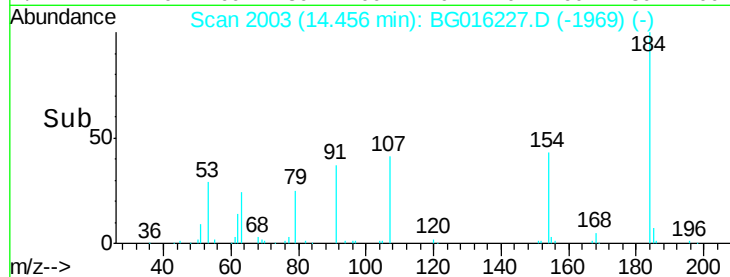
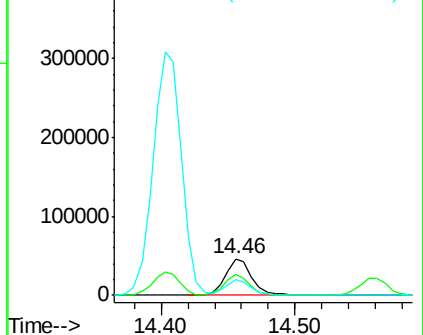
#53  
2,4-Dinitrophenol  
Concen: 38.06 ng  
RT: 14.46 min Scan# 2003  
Delta R.T. 0.00 min  
Lab File: BG016227.D  
Acq: 6 Apr 2015 17:21

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

Tgt Ion:184 Resp: 65811  
Ion Ratio Lower Upper  
184 100  
63 57.2 45.8 68.6  
154 43.1 34.5 51.7

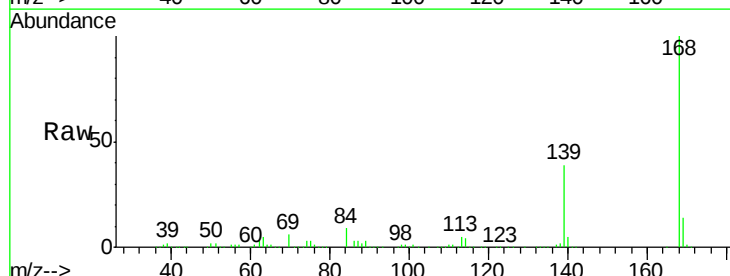


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 154.00 (153.70 to 154.70): E

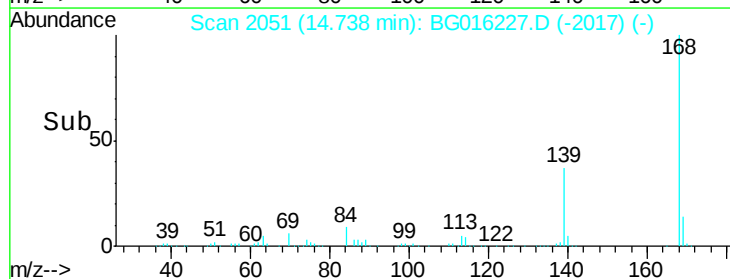
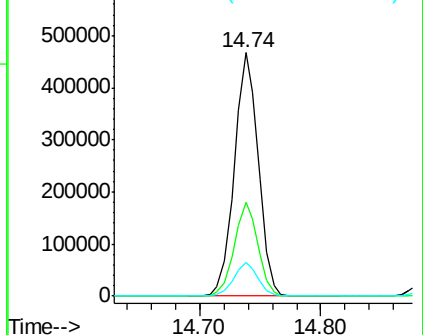


#54  
Dibenzofuran  
Concen: 37.37 ng  
RT: 14.74 min Scan# 2051  
Delta R.T. 0.00 min  
Lab File: BG016227.D  
Acq: 6 Apr 2015 17:21

Tgt Ion:168 Resp: 642306  
Ion Ratio Lower Upper  
168 100  
139 38.8 31.0 46.6  
169 14.0 11.2 16.8



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

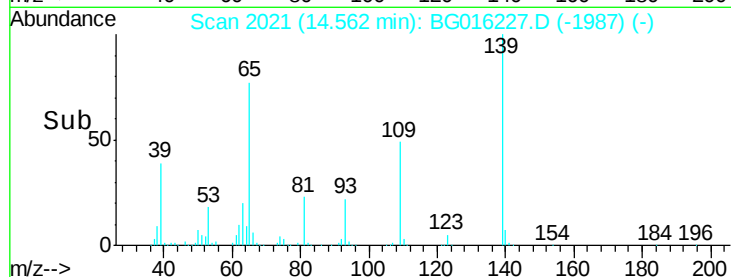
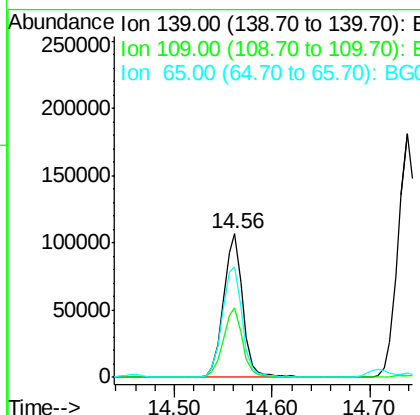
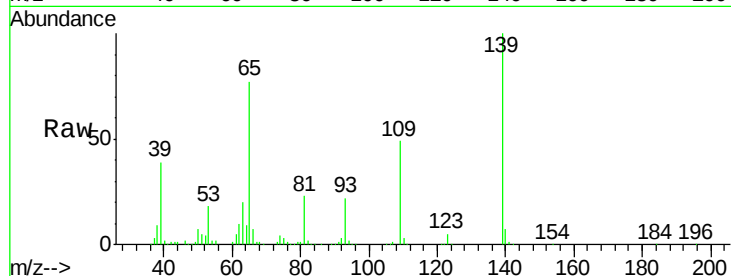




#55  
4-Nitrophenol  
Concen: 44.37 ng  
RT: 14.56 min Scan# 2021  
Delta R.T. 0.00 min  
Lab File: BG016227.D  
Acq: 6 Apr 2015 17:21

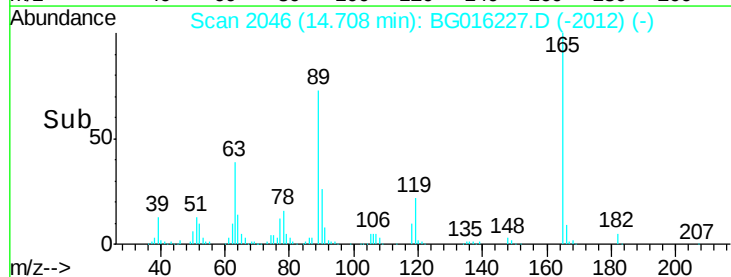
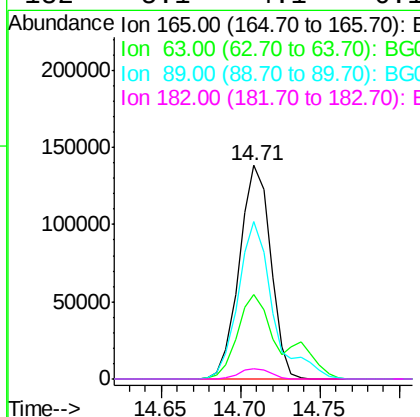
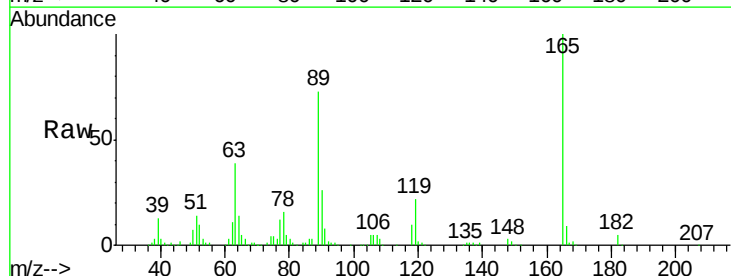
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

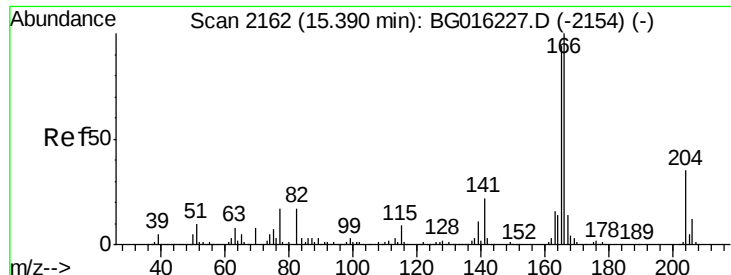
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 48.5  | 28.5  | 68.5  |
| 65      | 76.9  | 56.9  | 96.9  |



#56  
2,4-Dinitrotoluene  
Concen: 42.11 ng  
RT: 14.71 min Scan# 2046  
Delta R.T. 0.00 min  
Lab File: BG016227.D  
Acq: 6 Apr 2015 17:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 39.3  | 31.4  | 47.2  |
| 89      | 73.5  | 58.8  | 88.2  |
| 182     | 5.1   | 4.1   | 6.1   |





#57

Fluorene

Concen: 37.37 ng

RT: 15.39 min Scan# 2162

Delta R.T. 0.00 min

Lab File: BG016227.D

Acq: 6 Apr 2015 17:21

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

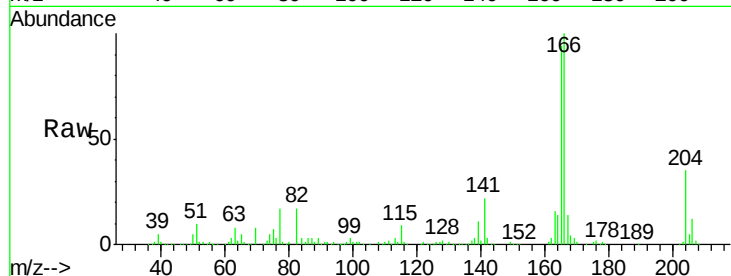
Tgt Ion:166 Resp: 571680

Ion Ratio Lower Upper

166 100

165 94.0 75.2 112.8

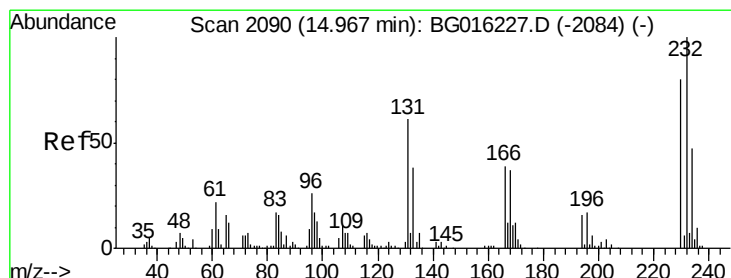
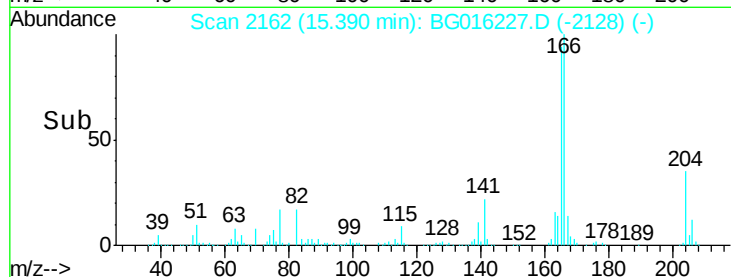
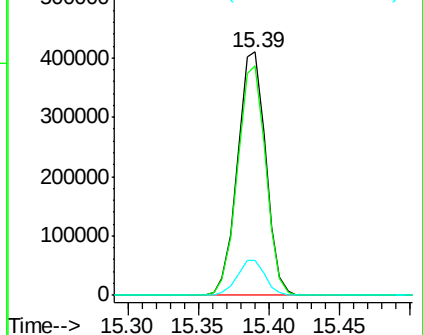
167 14.1 11.3 16.9



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: 31.26 ng

RT: 14.97 min Scan# 2090

Delta R.T. 0.00 min

Lab File: BG016227.D

Acq: 6 Apr 2015 17:21

Tgt Ion:232 Resp: 104054

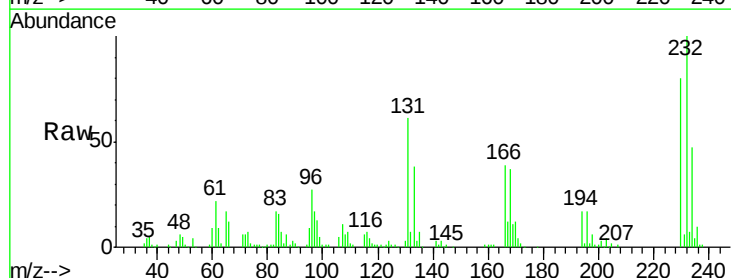
Ion Ratio Lower Upper

232 100

131 62.2 49.8 74.6

130 3.2 2.6 3.8

166 38.2 30.6 45.8

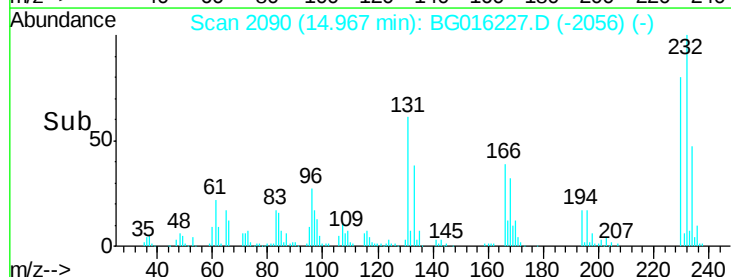
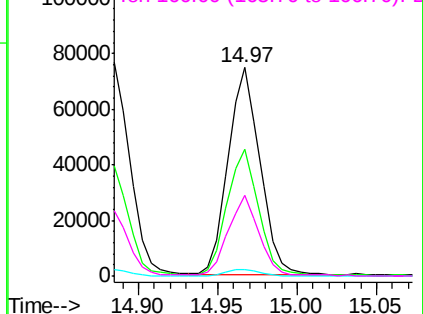


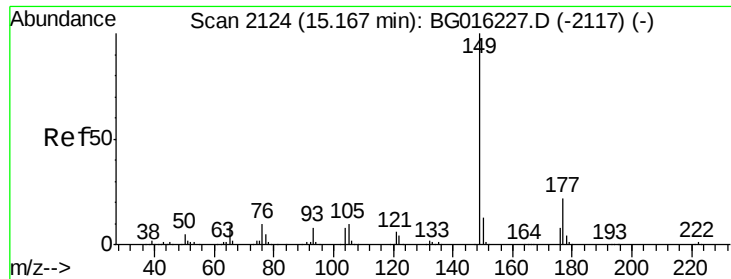
Abundance Ion 232.00 (231.70 to 232.70): E

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

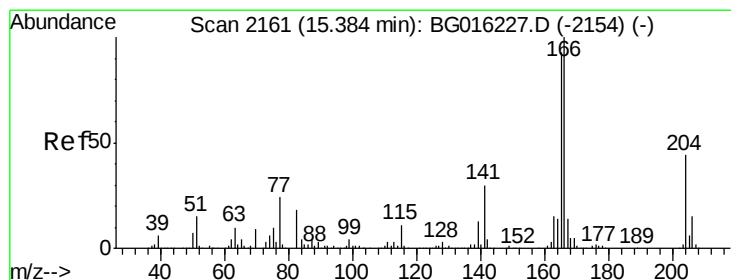
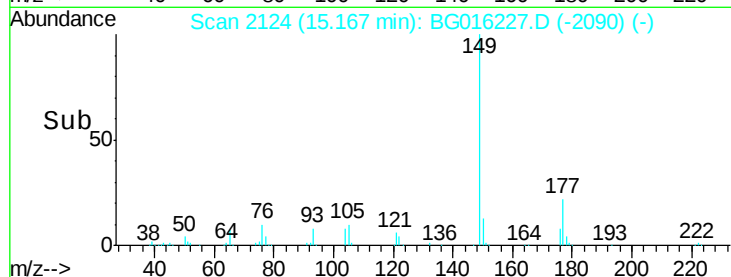
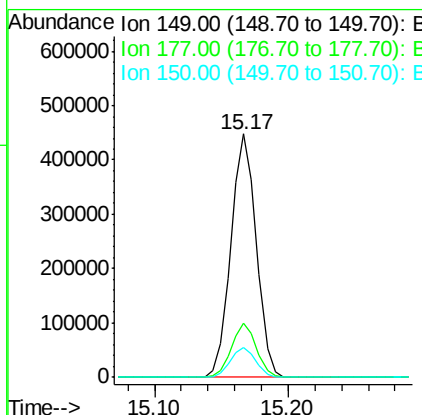
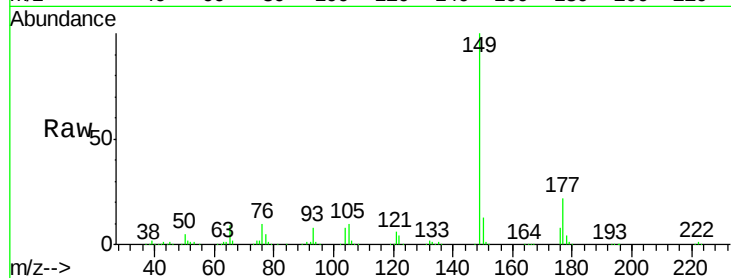




#59  
Diethylphthalate  
Concen: 41.55 ng  
RT: 15.17 min Scan# 2124  
Delta R.T. 0.00 min  
Lab File: BG016227.D  
Acq: 6 Apr 2015 17:21

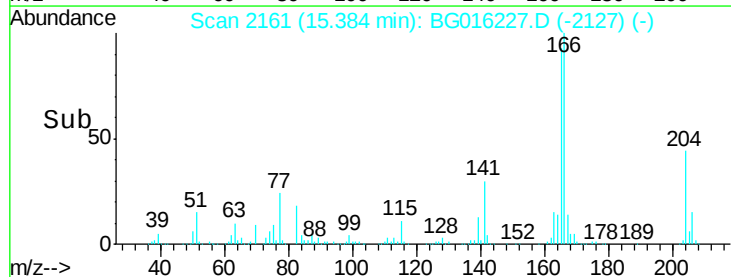
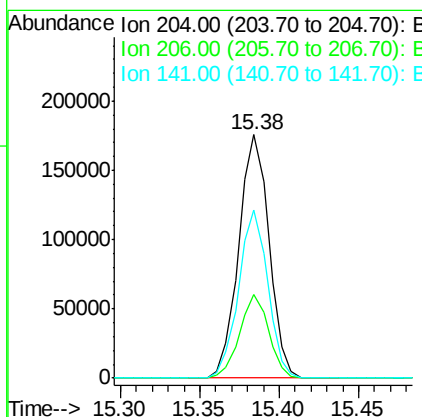
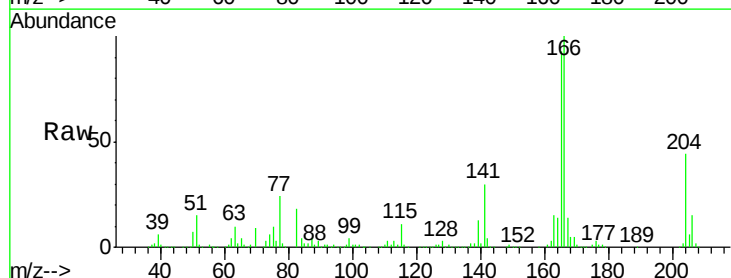
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

Tgt Ion:149 Resp: 594740  
Ion Ratio Lower Upper  
149 100  
177 22.1 17.7 26.5  
150 12.5 10.0 15.0



#60  
4-Chlorophenyl-phenylether  
Concen: 34.91 ng  
RT: 15.38 min Scan# 2161  
Delta R.T. 0.00 min  
Lab File: BG016227.D  
Acq: 6 Apr 2015 17:21

Tgt Ion:204 Resp: 232952  
Ion Ratio Lower Upper  
204 100  
206 34.5 27.6 41.4  
141 69.3 55.4 83.2

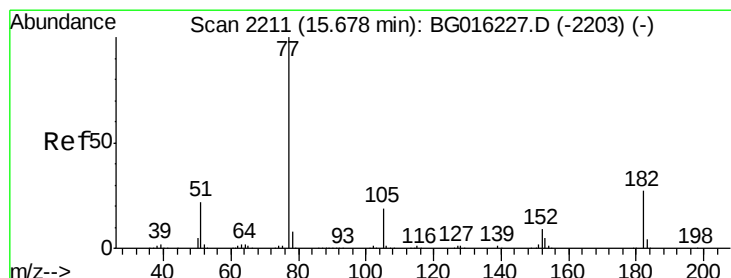
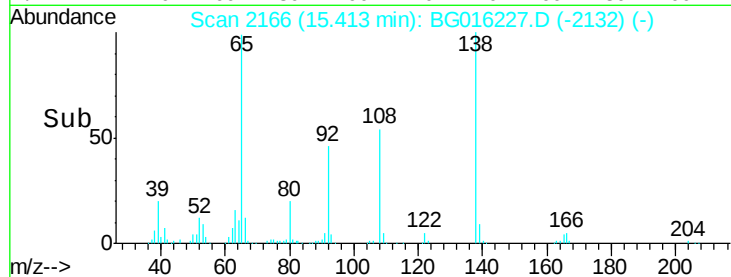
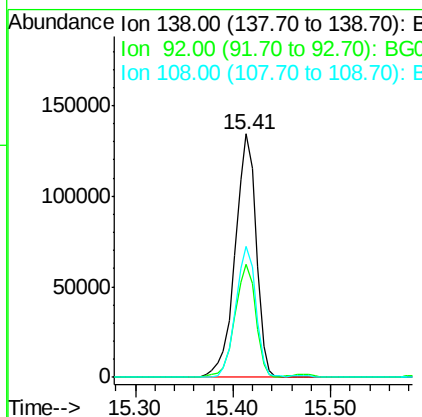
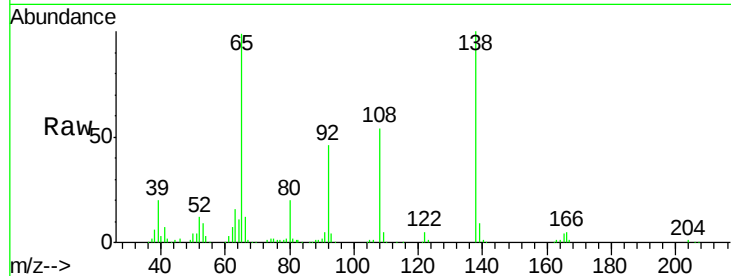




#61  
4-Nitroaniline  
Concen: 43.94 ng  
RT: 15.41 min Scan# 2166  
Delta R.T. 0.00 min  
Lab File: BG016227.D  
Acq: 6 Apr 2015 17:21

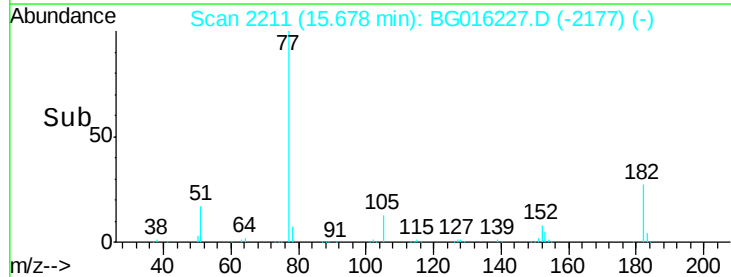
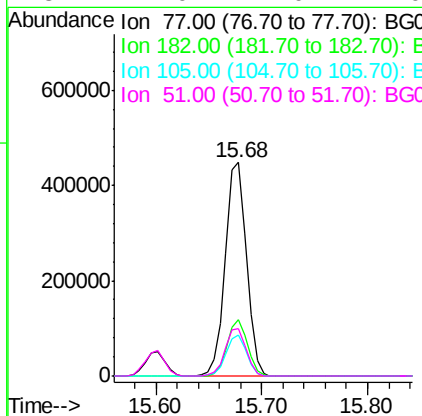
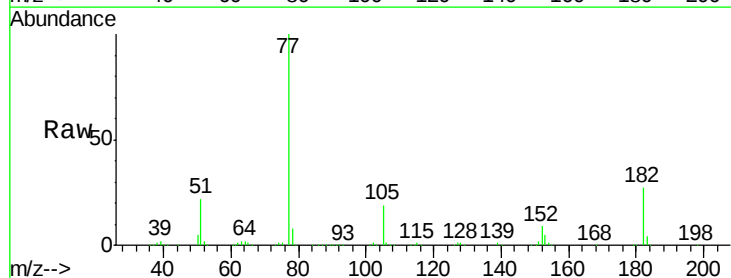
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

Tgt Ion:138 Resp: 201986  
Ion Ratio Lower Upper  
138 100  
92 46.3 26.3 66.3  
108 53.6 33.6 73.6



#62  
Azobenzene  
Concen: 42.14 ng  
RT: 15.68 min Scan# 2211  
Delta R.T. 0.00 min  
Lab File: BG016227.D  
Acq: 6 Apr 2015 17:21

Tgt Ion: 77 Resp: 623175  
Ion Ratio Lower Upper  
77 100  
182 26.6 6.6 46.6  
105 19.2 0.0 39.2  
51 22.0 2.0 42.0

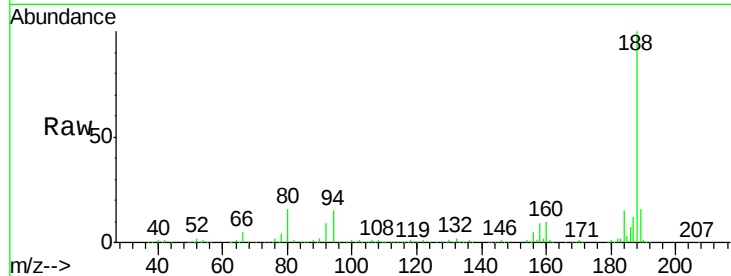




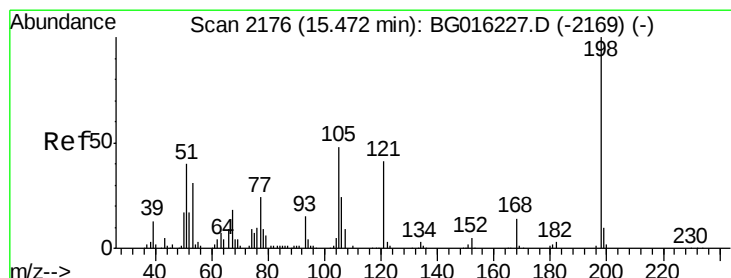
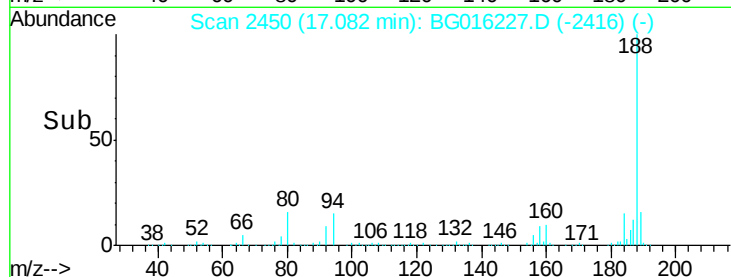
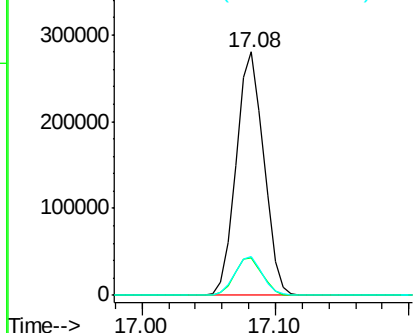
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.08 min Scan# 2450  
Delta R.T. 0.00 min  
Lab File: BG016227.D  
Acq: 6 Apr 2015 17:21

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

Tgt Ion:188 Resp: 401971  
Ion Ratio Lower Upper  
188 100  
94 15.3 12.2 18.4  
80 16.0 12.8 19.2

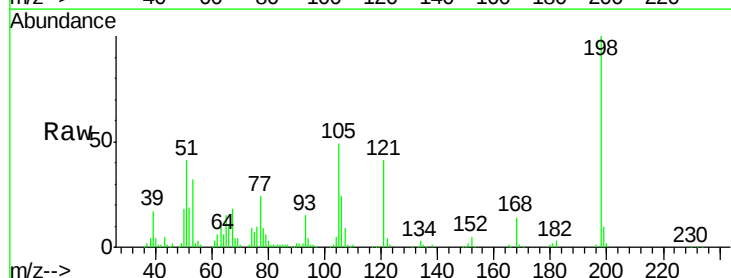


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BGC  
Ion 80.00 (79.70 to 80.70): BGC

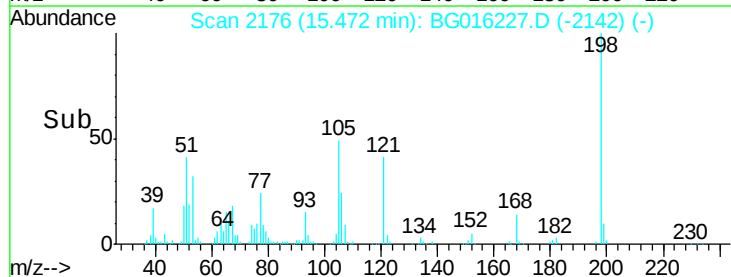
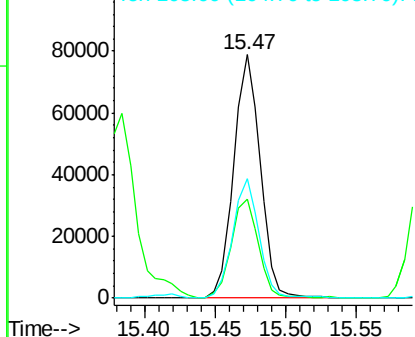


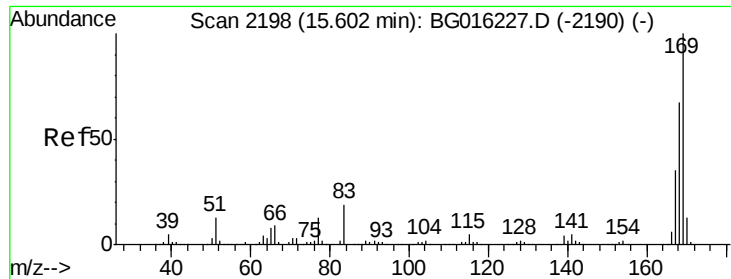
#64  
4,6-Dinitro-2-methylphenol  
Concen: 39.01 ng  
RT: 15.47 min Scan# 2176  
Delta R.T. 0.00 min  
Lab File: BG016227.D  
Acq: 6 Apr 2015 17:21

Tgt Ion:198 Resp: 103288  
Ion Ratio Lower Upper  
198 100  
51 40.7 20.7 60.7  
105 48.8 28.8 68.8



Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BGC  
Ion 105.00 (104.70 to 105.70): E

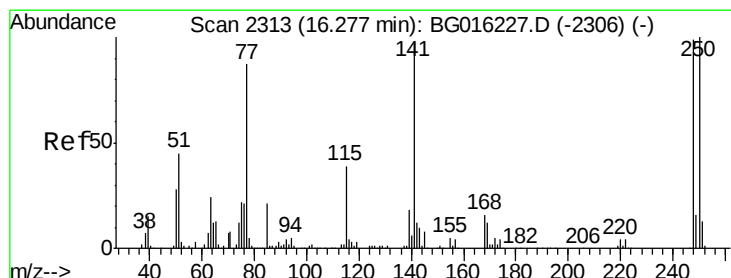
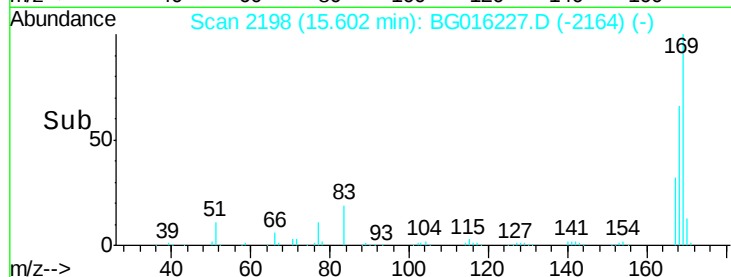
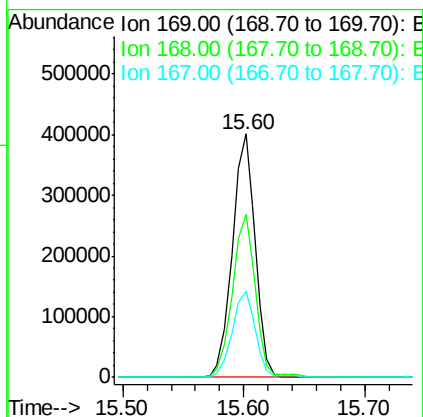
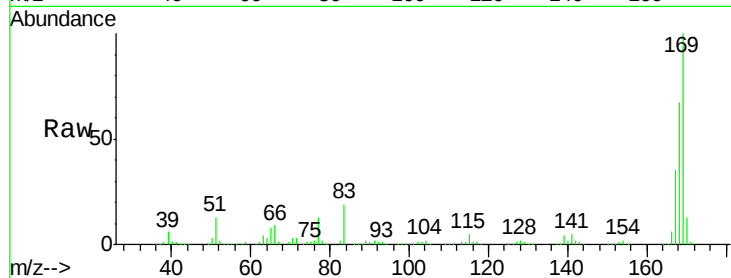




#65  
 n-Nitrosodiphenylamine  
 Concen: 40.85 ng  
 RT: 15.60 min Scan# 2198  
 Delta R.T. 0.00 min  
 Lab File: BG016227.D  
 Acq: 6 Apr 2015 17:21

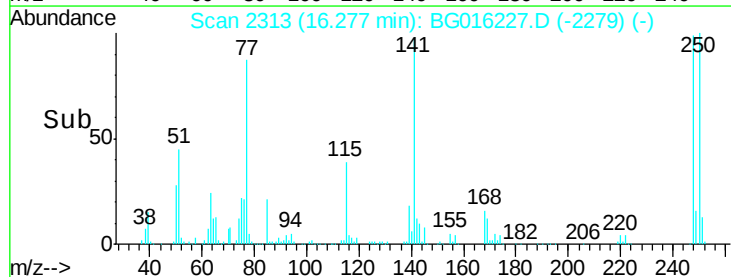
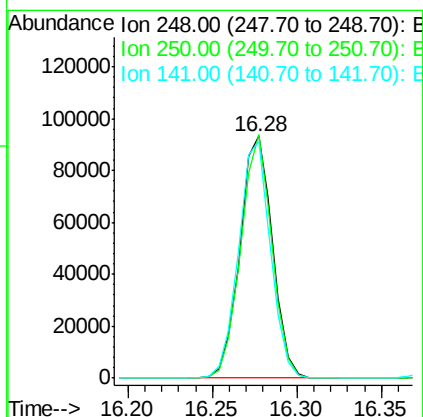
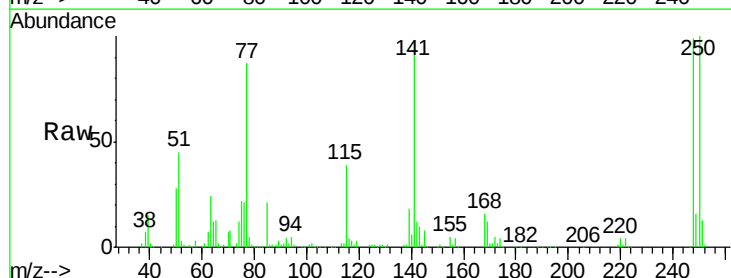
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC040

Tgt Ion:169 Resp: 525680  
 Ion Ratio Lower Upper  
 169 100  
 168 66.7 53.4 80.0  
 167 35.4 28.3 42.5



#66  
 4-Bromophenyl-phenylether  
 Concen: 31.23 ng  
 RT: 16.28 min Scan# 2313  
 Delta R.T. 0.00 min  
 Lab File: BG016227.D  
 Acq: 6 Apr 2015 17:21

Tgt Ion:248 Resp: 124527  
 Ion Ratio Lower Upper  
 248 100  
 250 100.6 80.5 120.7  
 141 97.8 78.2 117.4

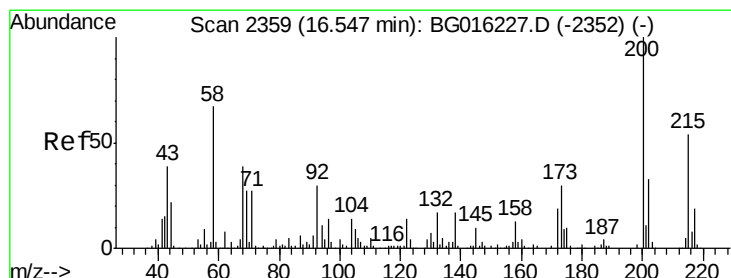
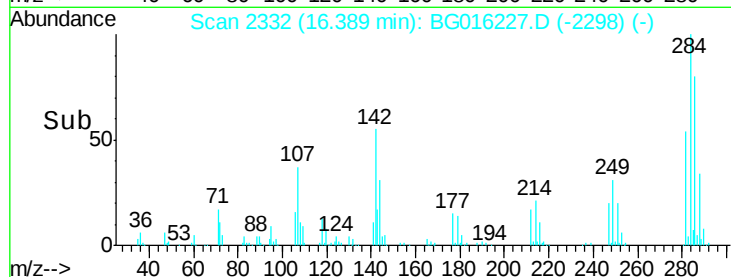
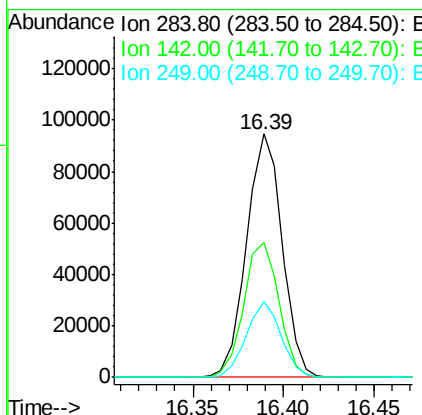
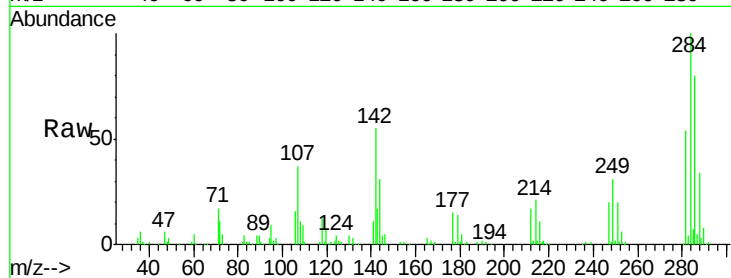




#67  
Hexachlorobenzene  
Concen: 28.97 ng  
RT: 16.39 min Scan# 2332  
Delta R.T. 0.00 min  
Lab File: BG016227.D  
Acq: 6 Apr 2015 17:21

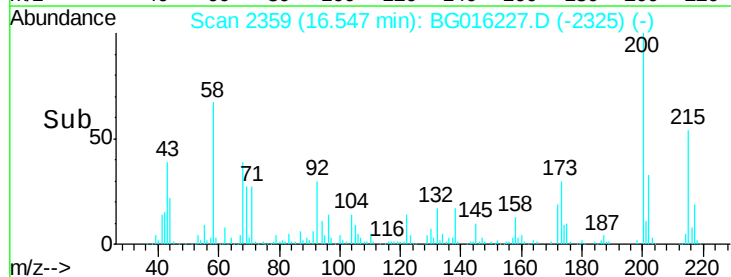
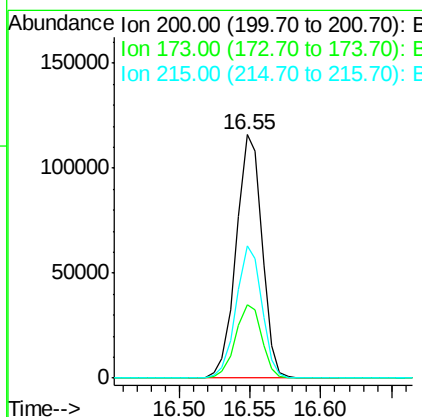
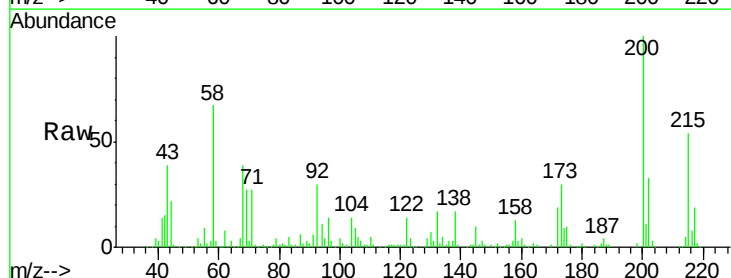
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

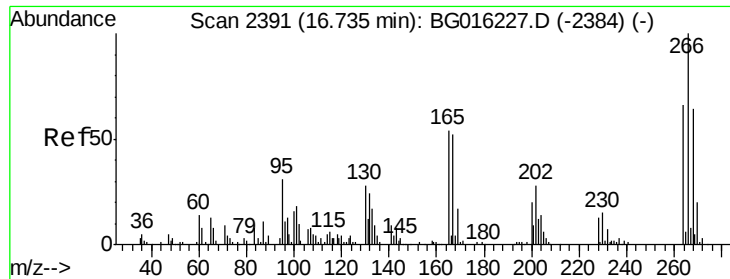
Tgt Ion:284 Resp: 128665  
Ion Ratio Lower Upper  
284 100  
142 55.2 44.2 66.2  
249 31.0 24.8 37.2



#68  
Atrazine  
Concen: 38.90 ng  
RT: 16.55 min Scan# 2359  
Delta R.T. 0.00 min  
Lab File: BG016227.D  
Acq: 6 Apr 2015 17:21

Tgt Ion:200 Resp: 147959  
Ion Ratio Lower Upper  
200 100  
173 30.2 10.2 50.2  
215 54.4 34.4 74.4

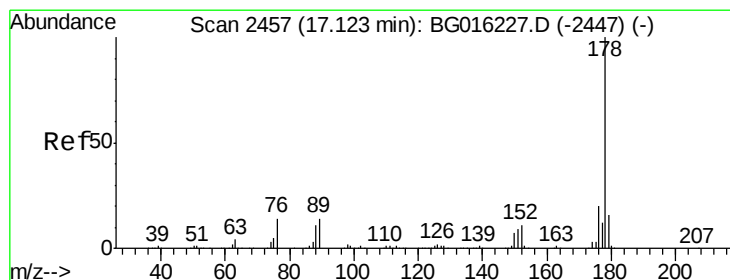
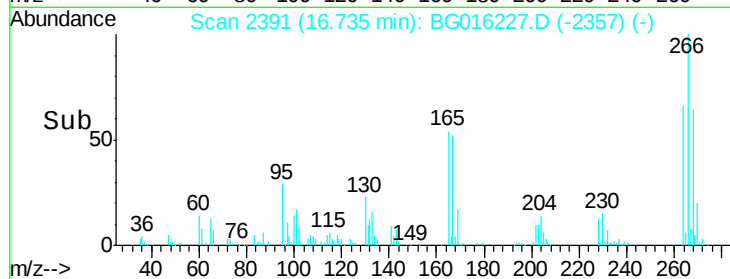
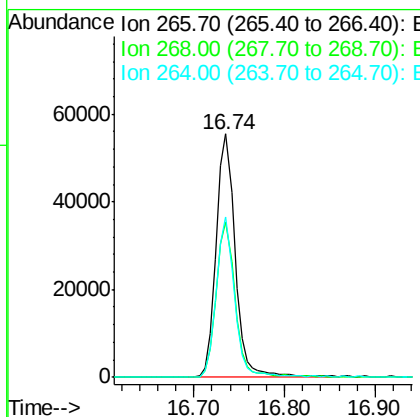
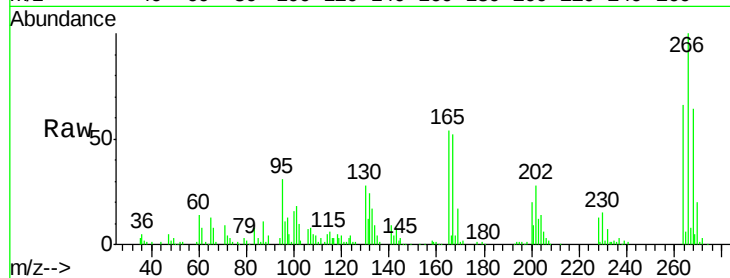




#69  
 Pentachlorophenol  
 Concen: 31.96 ng  
 RT: 16.74 min Scan# 2391  
 Delta R.T. 0.00 min  
 Lab File: BG016227.D  
 Acq: 6 Apr 2015 17:21

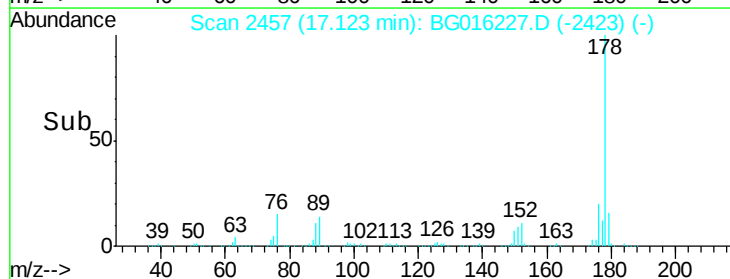
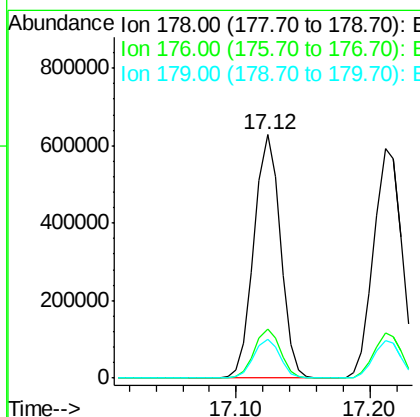
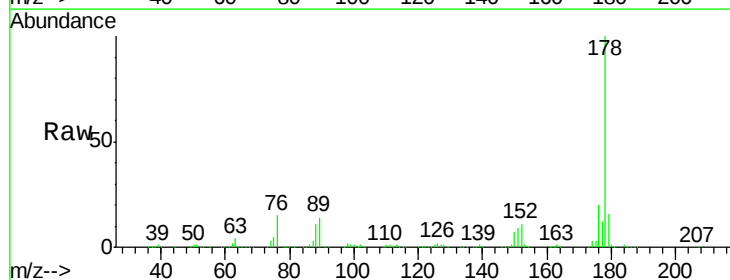
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC040

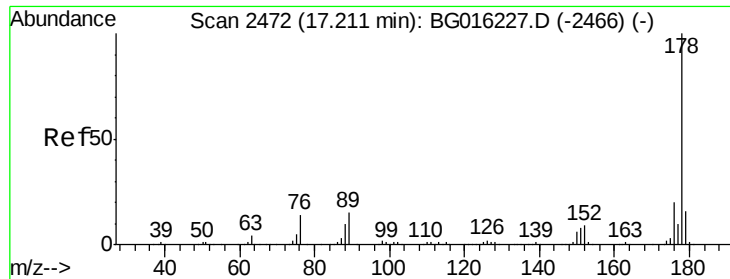
Tgt Ion:266 Resp: 81096  
 Ion Ratio Lower Upper  
 266 100  
 268 63.6 50.9 76.3  
 264 66.0 52.8 79.2



#70  
 Phenanthrene  
 Concen: 38.11 ng  
 RT: 17.12 min Scan# 2457  
 Delta R.T. 0.00 min  
 Lab File: BG016227.D  
 Acq: 6 Apr 2015 17:21

Tgt Ion:178 Resp: 855102  
 Ion Ratio Lower Upper  
 178 100  
 176 20.3 16.2 24.4  
 179 15.9 12.7 19.1

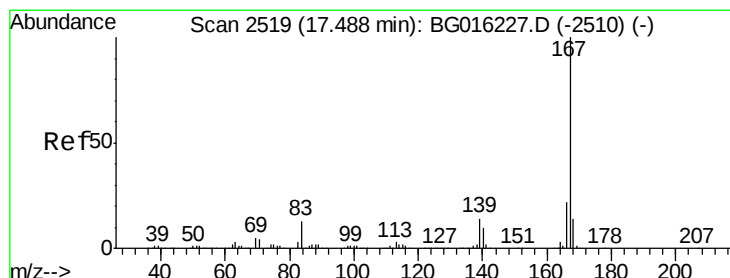
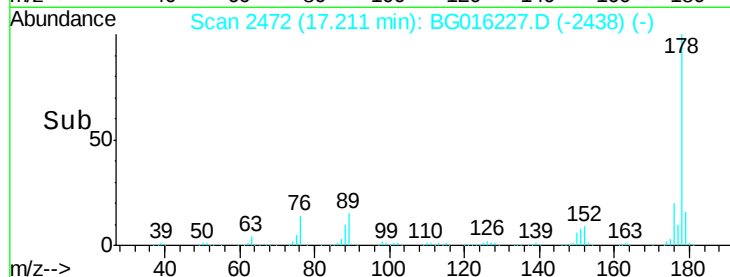
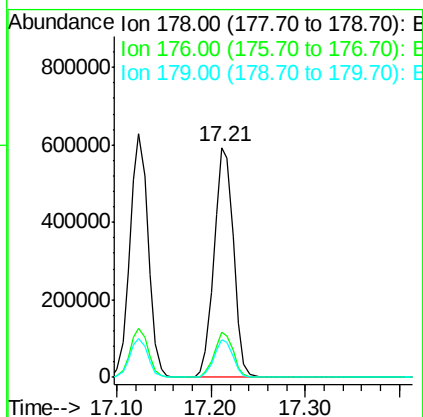
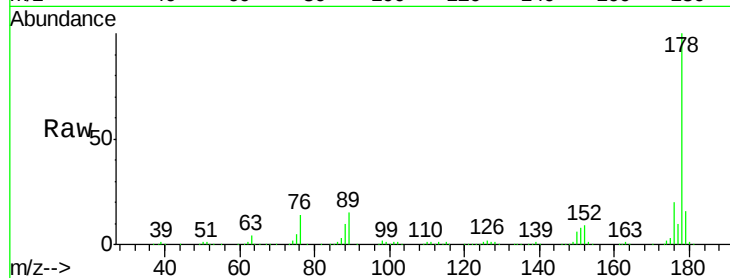




#71  
 Anthracene  
 Concen: 38.44 ng  
 RT: 17.21 min Scan# 2472  
 Delta R.T. 0.00 min  
 Lab File: BG016227.D  
 Acq: 6 Apr 2015 17:21

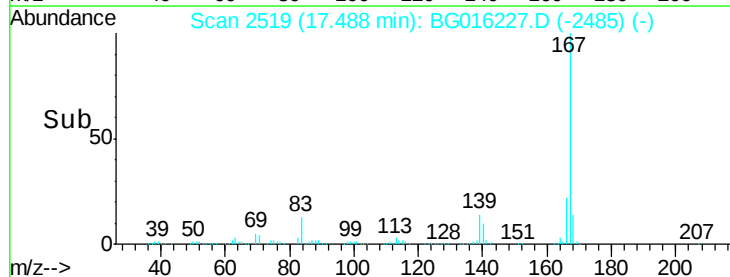
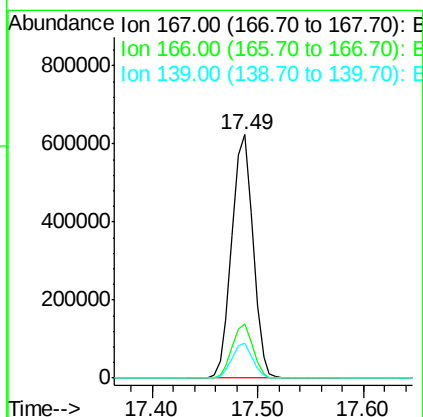
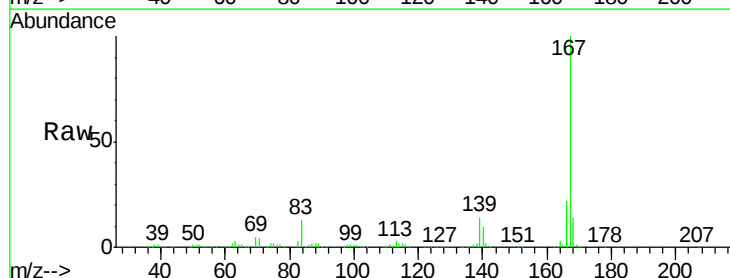
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC040

Tgt Ion:178 Resp: 858221  
 Ion Ratio Lower Upper  
 178 100  
 176 19.9 15.9 23.9  
 179 16.3 13.0 19.6



#72  
 Carbazole  
 Concen: 39.27 ng  
 RT: 17.49 min Scan# 2519  
 Delta R.T. 0.00 min  
 Lab File: BG016227.D  
 Acq: 6 Apr 2015 17:21

Tgt Ion:167 Resp: 862242  
 Ion Ratio Lower Upper  
 167 100  
 166 22.4 17.9 26.9  
 139 14.4 11.5 17.3

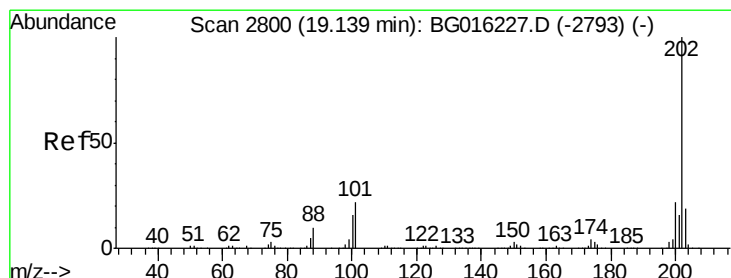
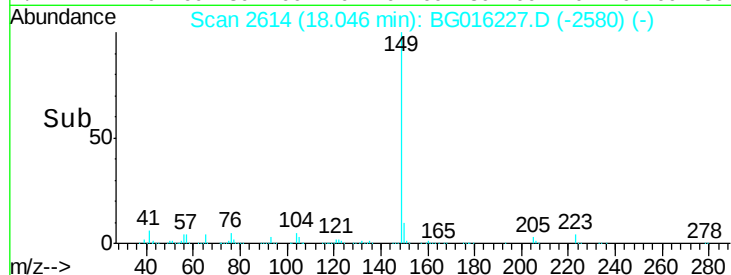
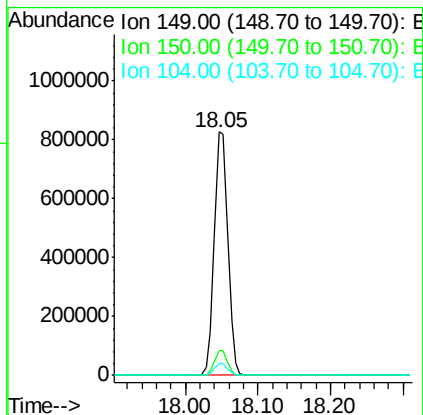
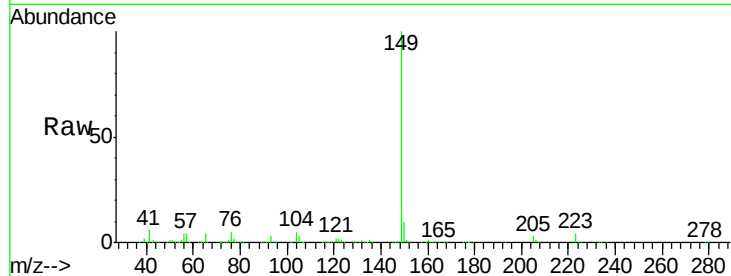




#73  
Di-n-butylphthalate  
Concen: 42.98 ng  
RT: 18.05 min Scan# 2614  
Delta R.T. 0.00 min  
Lab File: BG016227.D  
Acq: 6 Apr 2015 17:21

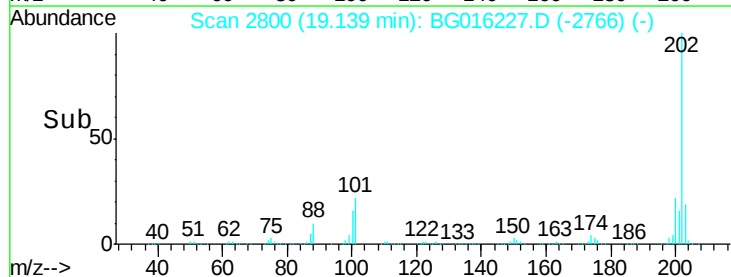
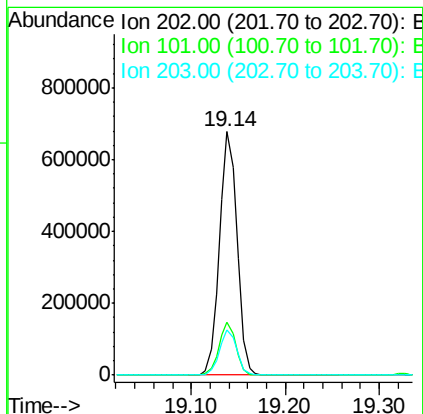
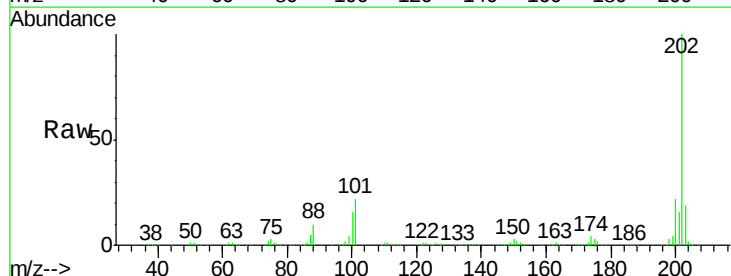
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

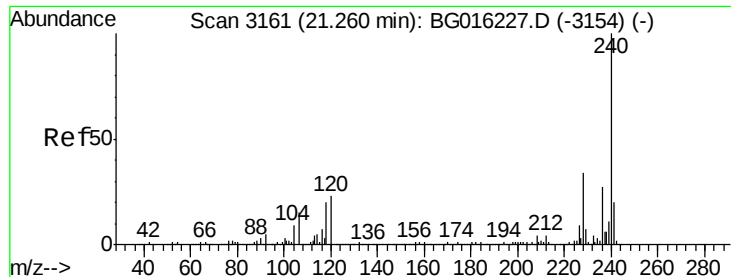
Tgt Ion:149 Resp: 1081973  
Ion Ratio Lower Upper  
149 100  
150 10.3 8.2 12.4  
104 5.0 4.0 6.0



#74  
Fluoranthene  
Concen: 36.04 ng  
RT: 19.14 min Scan# 2800  
Delta R.T. 0.00 min  
Lab File: BG016227.D  
Acq: 6 Apr 2015 17:21

Tgt Ion:202 Resp: 890026  
Ion Ratio Lower Upper  
202 100  
101 21.7 1.7 41.7  
203 18.7 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.26 min Scan# 3161

Delta R.T. 0.00 min

Lab File: BG016227.D

Acq: 6 Apr 2015 17:21

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

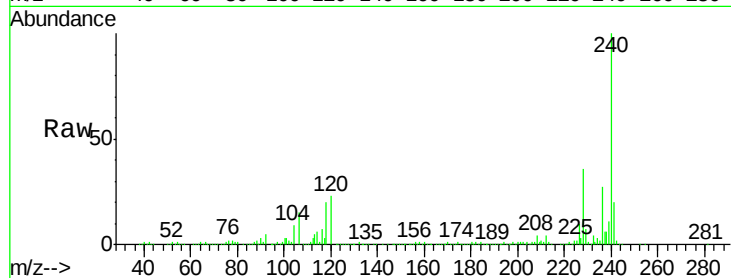
Tgt Ion:240 Resp: 339705

Ion Ratio Lower Upper

240 100

120 23.3 18.6 28.0

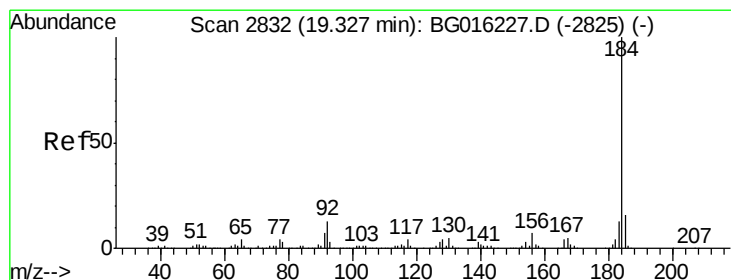
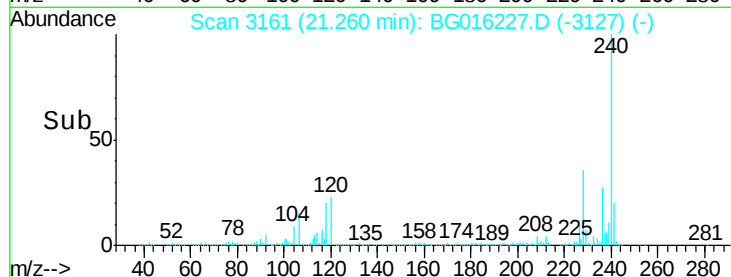
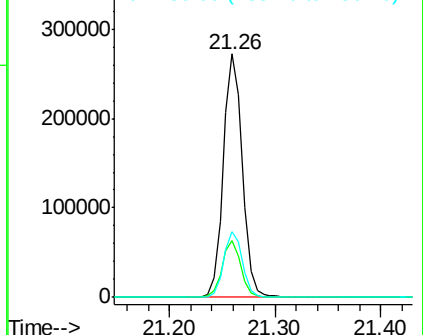
236 27.1 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 60.15 ng

RT: 19.33 min Scan# 2832

Delta R.T. 0.00 min

Lab File: BG016227.D

Acq: 6 Apr 2015 17:21

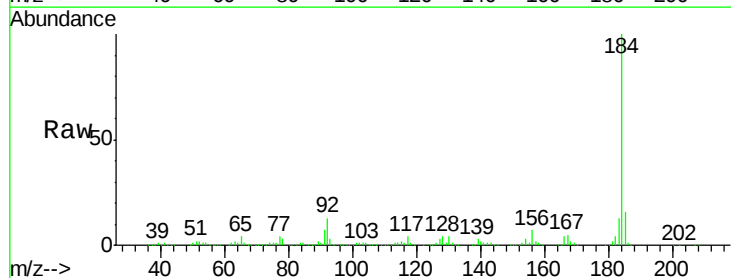
Tgt Ion:184 Resp: 579545

Ion Ratio Lower Upper

184 100

185 15.8 12.6 19.0

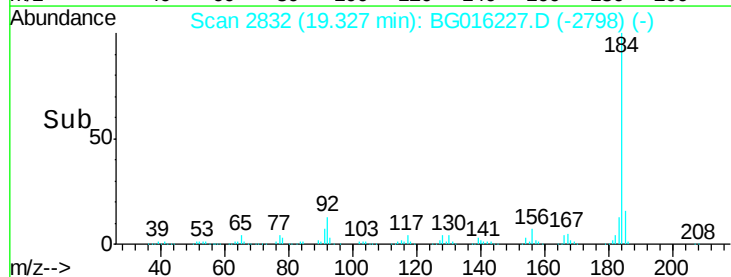
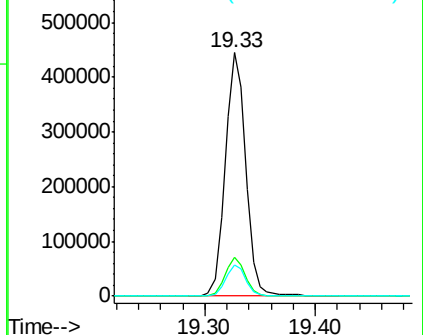
183 13.0 10.4 15.6

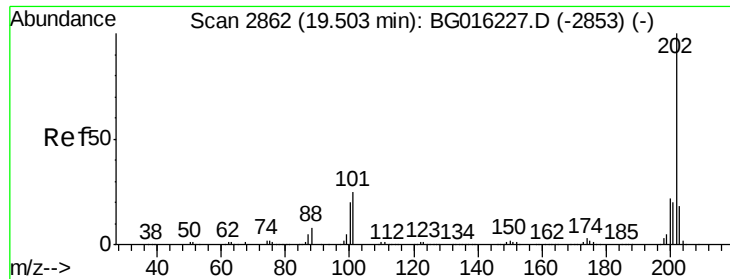


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

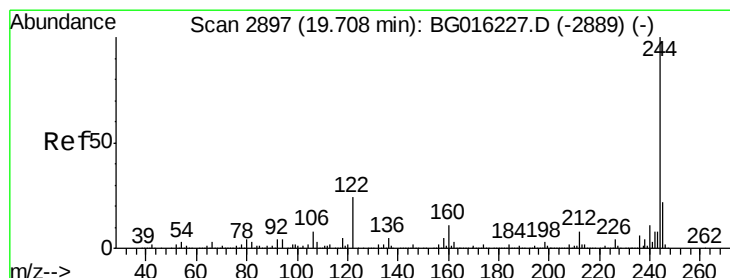
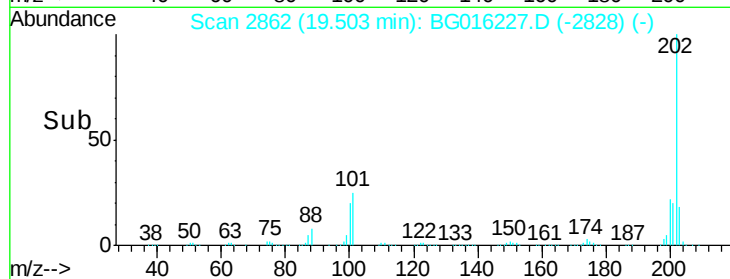
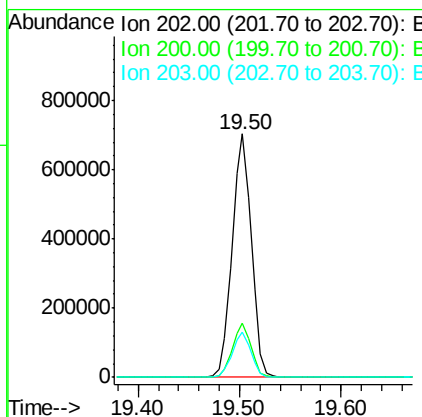
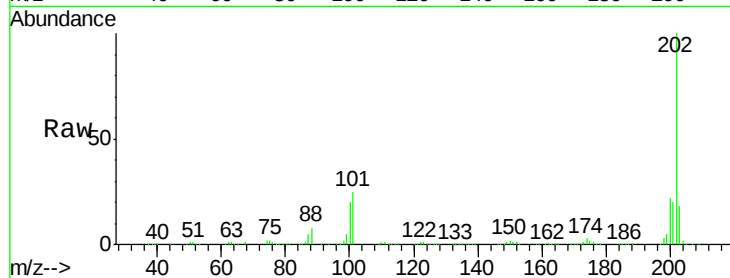




#77  
 Pyrene  
 Concen: 43.36 ng  
 RT: 19.50 min Scan# 2862  
 Delta R.T. 0.00 min  
 Lab File: BG016227.D  
 Acq: 6 Apr 2015 17:21

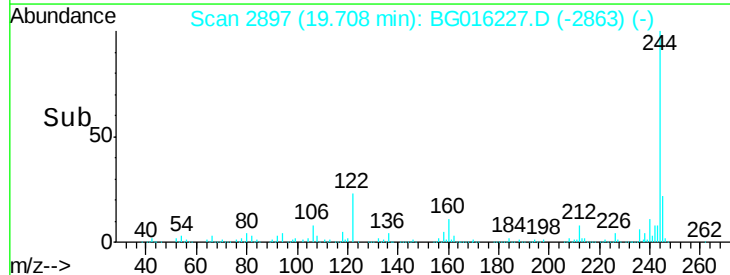
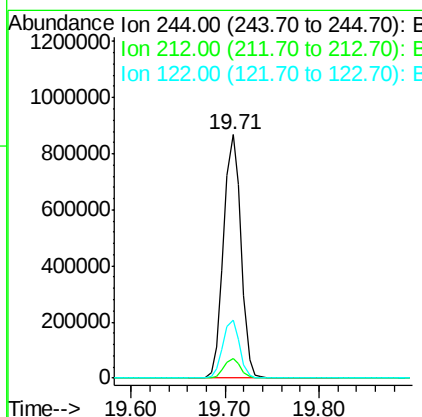
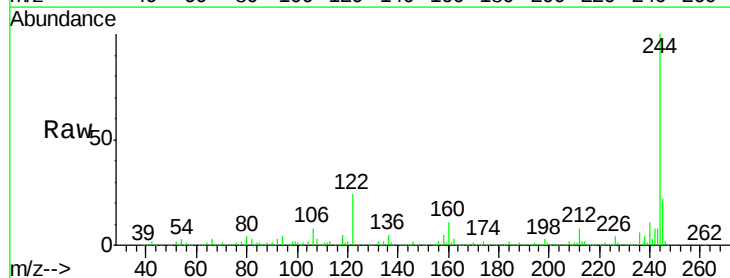
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC040

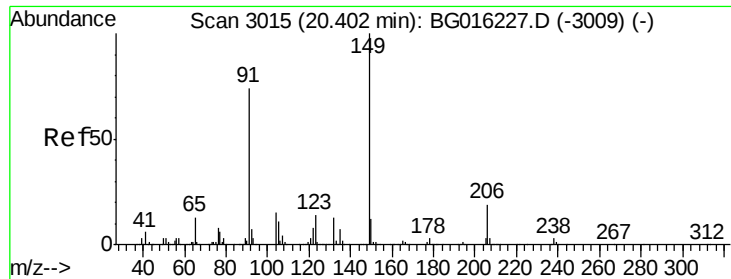
Tgt Ion: 202 Resp: 921377  
 Ion Ratio Lower Upper  
 202 100  
 200 22.3 17.8 26.8  
 203 18.4 14.7 22.1



#78  
 Terphenyl-d14  
 Concen: 82.95 ng  
 RT: 19.71 min Scan# 2897  
 Delta R.T. 0.00 min  
 Lab File: BG016227.D  
 Acq: 6 Apr 2015 17:21

Tgt Ion: 244 Resp: 1123459  
 Ion Ratio Lower Upper  
 244 100  
 212 8.2 6.6 9.8  
 122 23.9 19.1 28.7

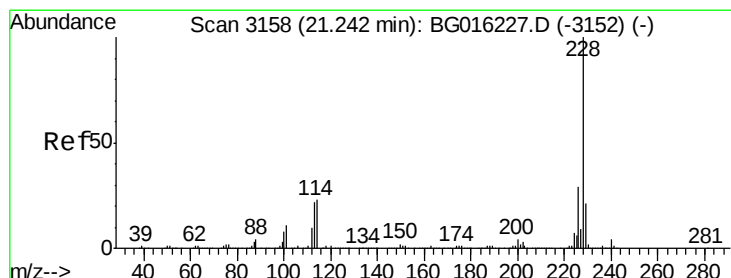
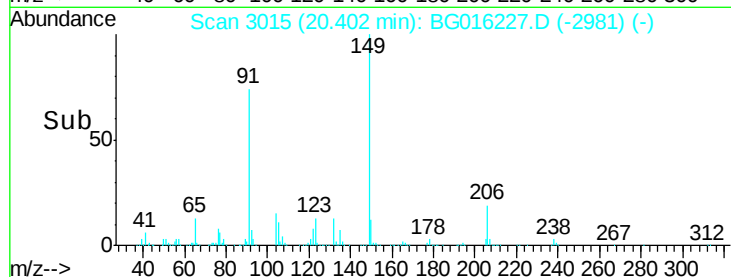
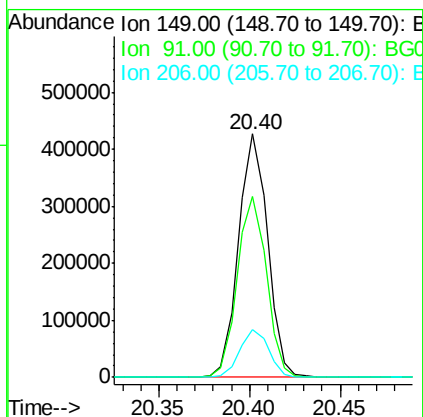
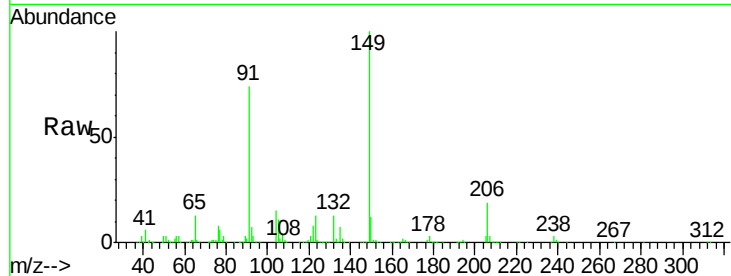




#79  
Butylbenzylphthalate  
Concen: 52.08 ng  
RT: 20.40 min Scan# 3015  
Delta R.T. 0.00 min  
Lab File: BG016227.D  
Acq: 6 Apr 2015 17:21

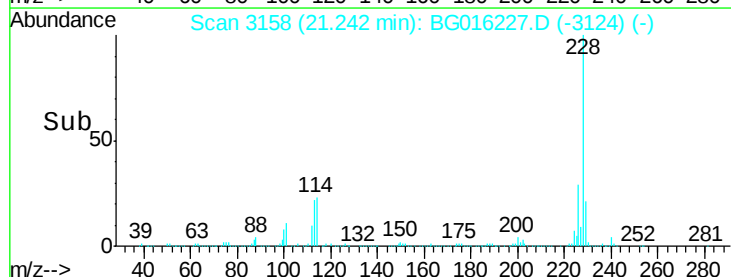
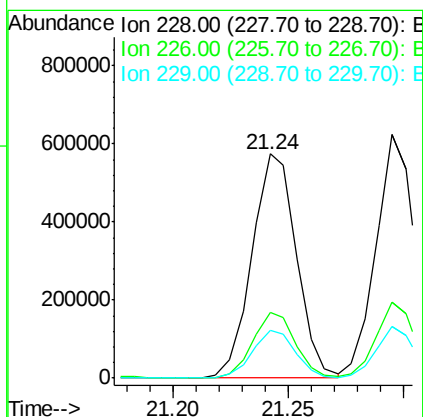
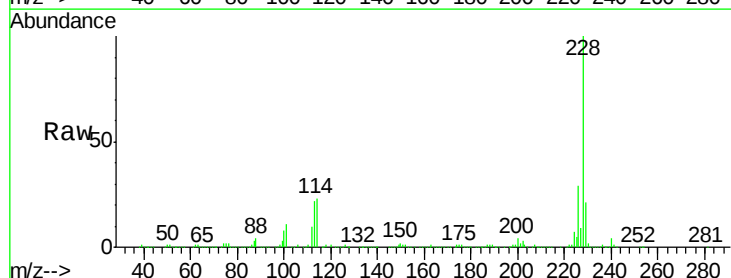
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

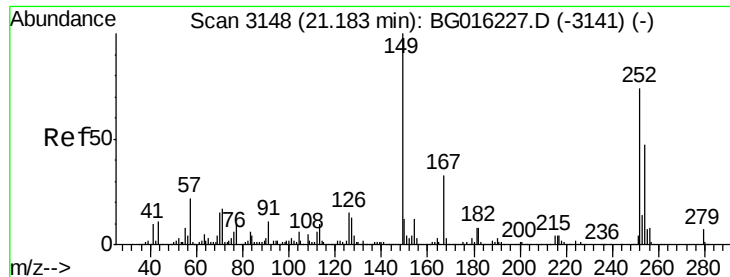
Tgt Ion:149 Resp: 477204  
Ion Ratio Lower Upper  
149 100  
91 74.3 59.4 89.2  
206 19.5 15.6 23.4



#80  
Benzo(a)anthracene  
Concen: 39.97 ng  
RT: 21.24 min Scan# 3158  
Delta R.T. 0.00 min  
Lab File: BG016227.D  
Acq: 6 Apr 2015 17:21

Tgt Ion:228 Resp: 769396  
Ion Ratio Lower Upper  
228 100  
226 29.4 23.5 35.3  
229 21.0 16.8 25.2

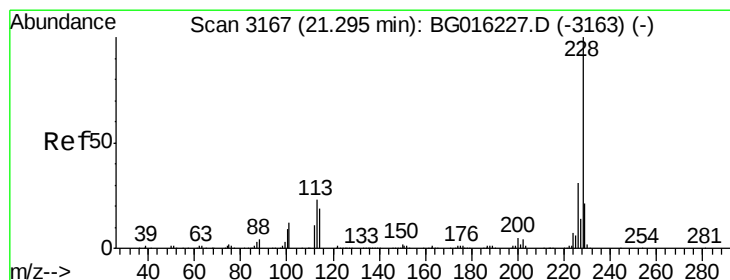
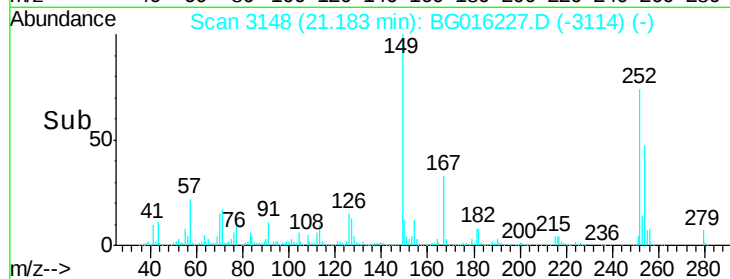
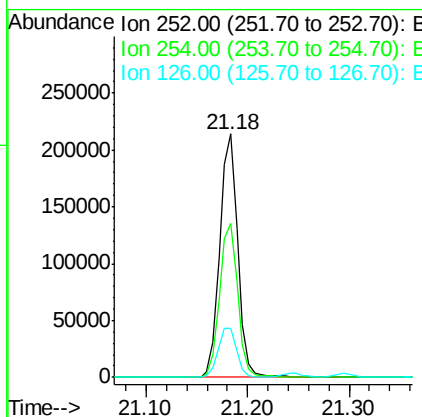
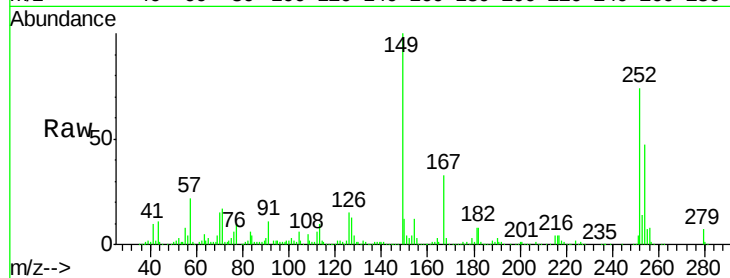




#81  
 3,3'-Dichlorobenzidine  
 Concen: 39.53 ng  
 RT: 21.18 min Scan# 3148  
 Delta R.T. 0.00 min  
 Lab File: BG016227.D  
 Acq: 6 Apr 2015 17:21

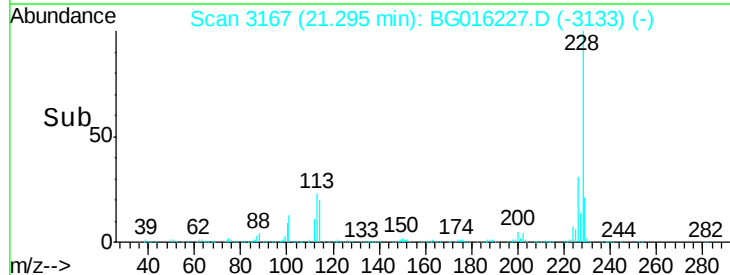
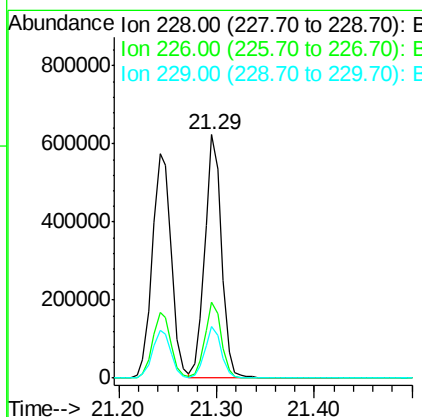
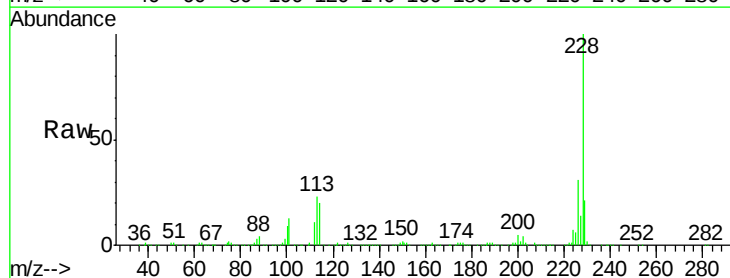
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC040

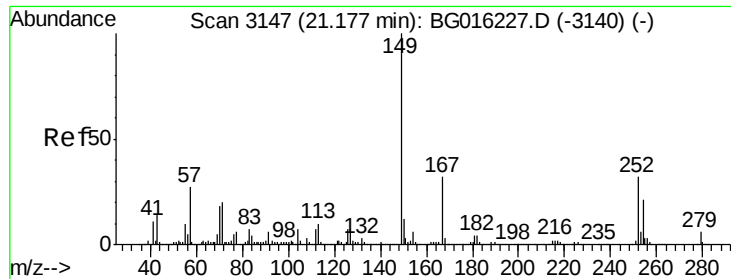
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 263520 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 63.5  | 50.8  | 76.2   |
| 126       | 20.0  | 16.0  | 24.0   |



#82  
 Chrysene  
 Concen: 41.60 ng  
 RT: 21.29 min Scan# 3167  
 Delta R.T. 0.00 min  
 Lab File: BG016227.D  
 Acq: 6 Apr 2015 17:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 739560 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 31.2  | 25.0  | 37.4   |
| 229       | 21.2  | 17.0  | 25.4   |

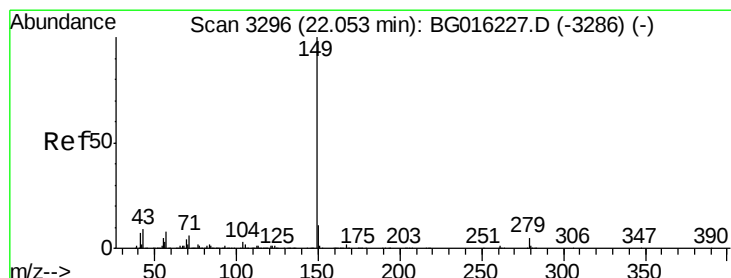
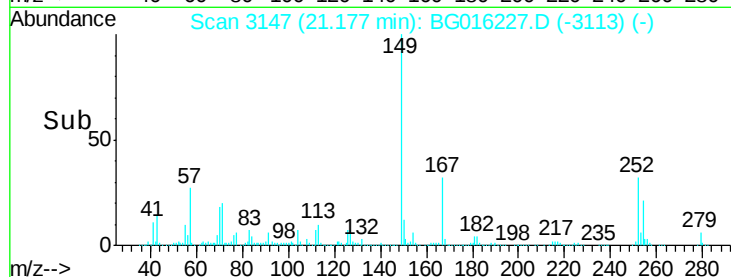
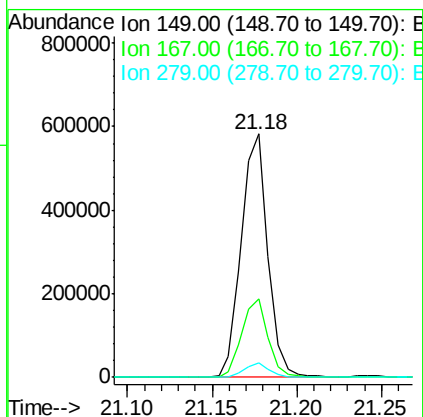
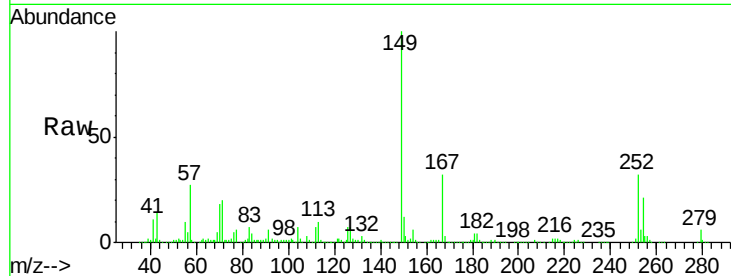




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 50.97 ng  
 RT: 21.18 min Scan# 3147  
 Delta R.T. 0.00 min  
 Lab File: BG016227.D  
 Acq: 6 Apr 2015 17:21

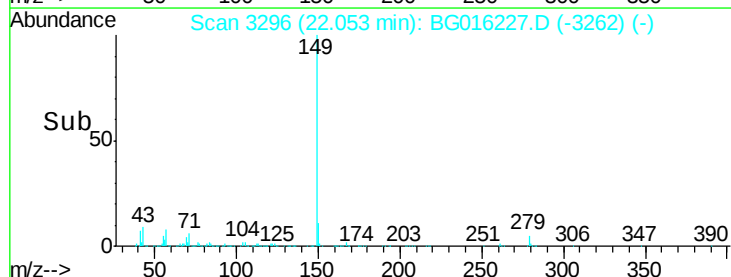
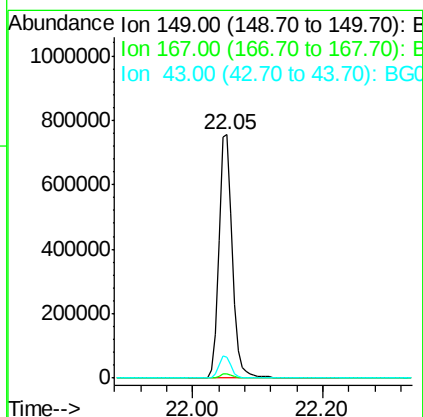
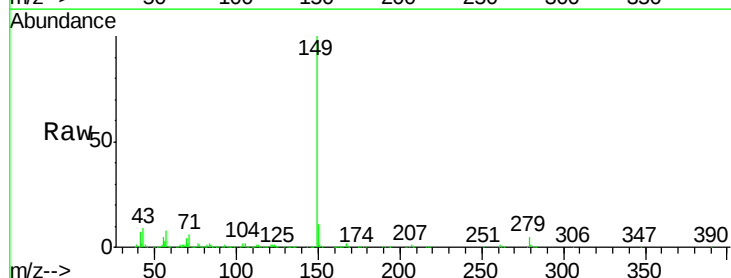
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC040

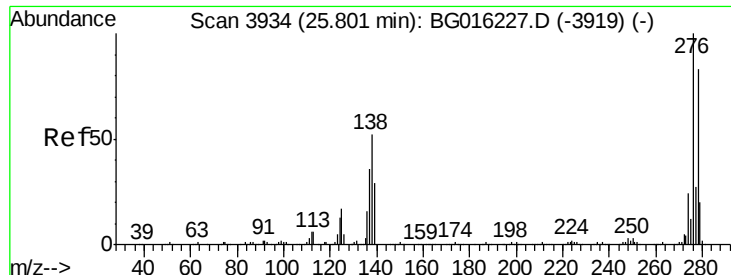
Tgt Ion:149 Resp: 639508  
 Ion Ratio Lower Upper  
 149 100  
 167 32.2 25.8 38.6  
 279 5.9 4.7 7.1



#84  
 Di-n-octyl phthalate  
 Concen: 50.70 ng  
 RT: 22.05 min Scan# 3296  
 Delta R.T. 0.00 min  
 Lab File: BG016227.D  
 Acq: 6 Apr 2015 17:21

Tgt Ion:149 Resp: 1071403  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.3 1.9  
 43 8.7 7.0 10.4

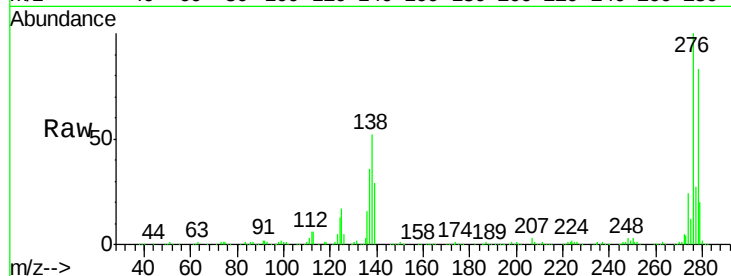




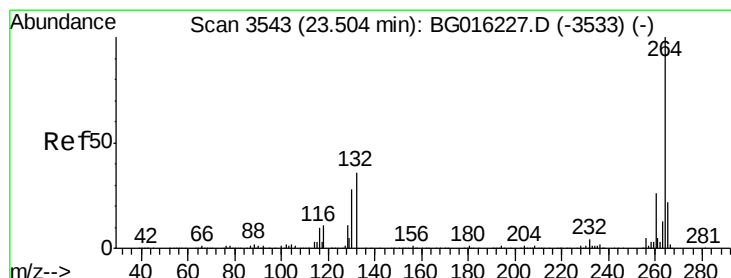
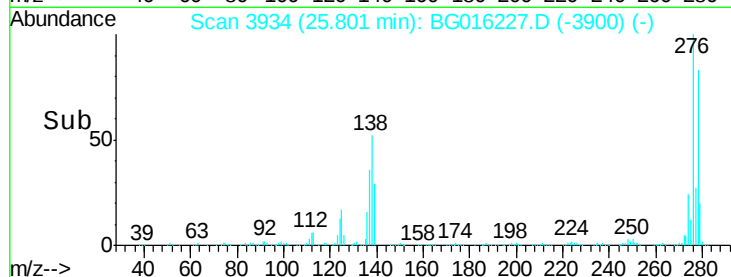
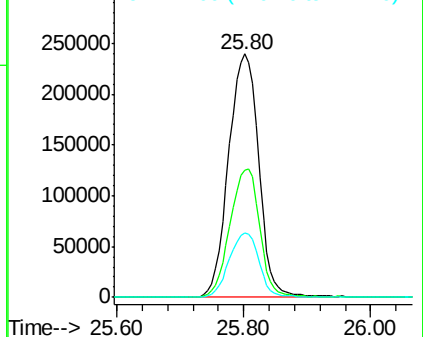
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 35.39 ng  
 RT: 25.80 min Scan# 3934  
 Delta R.T. 0.00 min  
 Lab File: BG016227.D  
 Acq: 6 Apr 2015 17:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 51.9  | 41.5  | 62.3  |
| 277     | 26.3  | 21.0  | 31.6  |

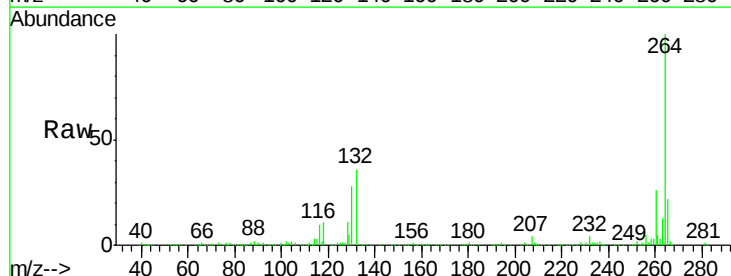


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

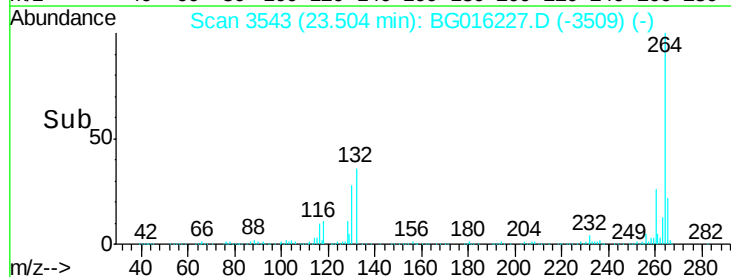
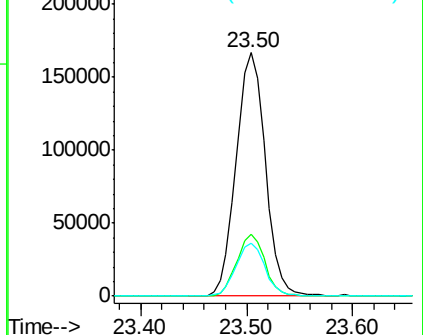


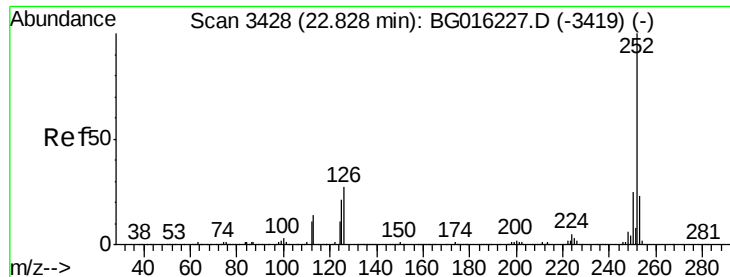
#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 23.50 min Scan# 3543  
 Delta R.T. 0.00 min  
 Lab File: BG016227.D  
 Acq: 6 Apr 2015 17:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.5  | 20.4  | 30.6  |
| 265     | 21.5  | 17.2  | 25.8  |



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

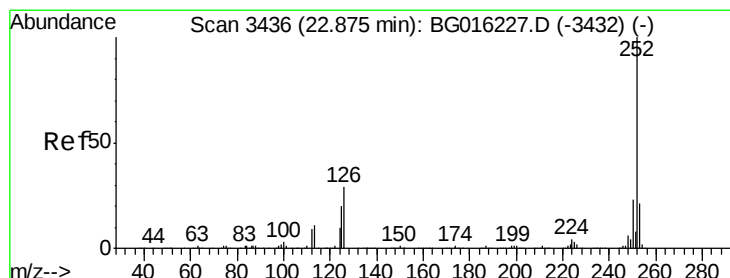
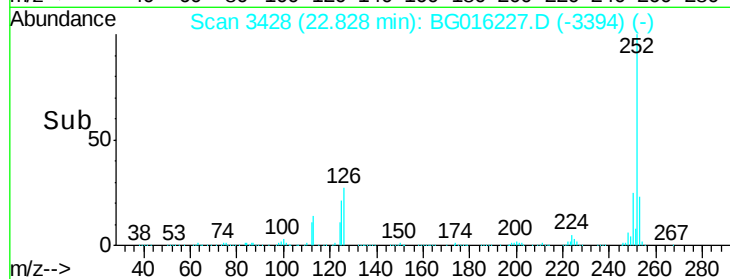
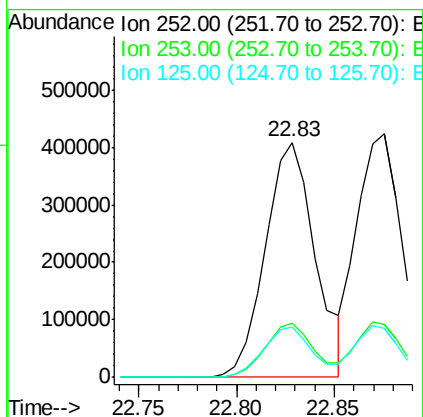
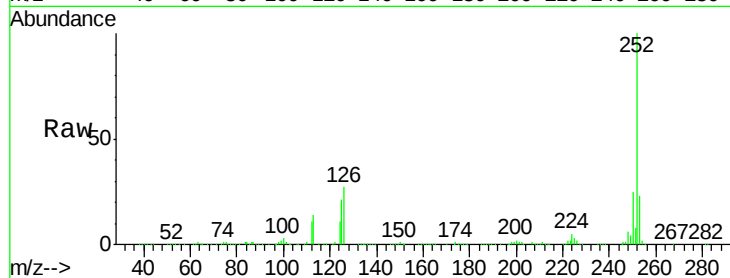




#87  
Benzo(b)fluoranthene  
Concen: 39.10 ng  
RT: 22.83 min Scan# 3428  
Delta R.T. 0.00 min  
Lab File: BG016227.D  
Acq: 6 Apr 2015 17:21

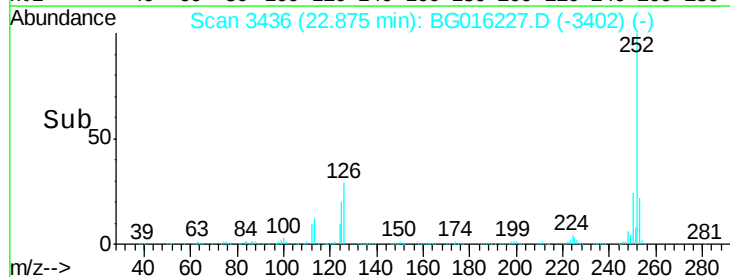
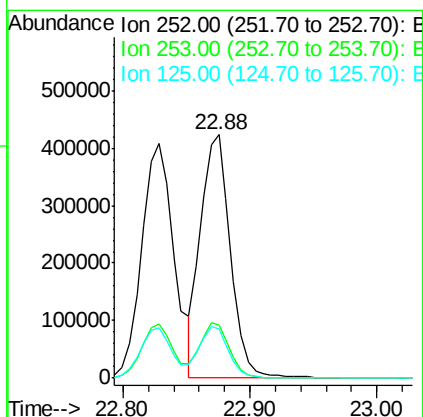
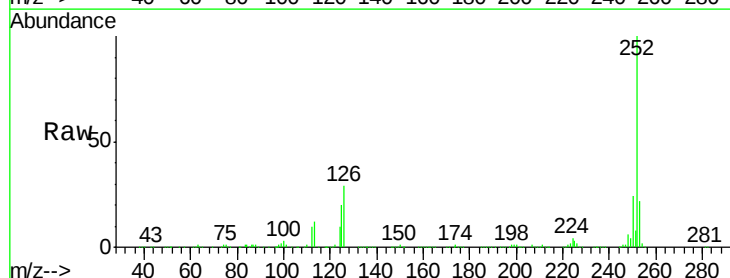
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

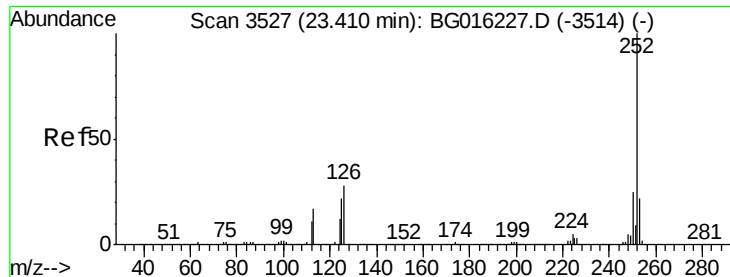
Tgt Ion:252 Resp: 723259  
Ion Ratio Lower Upper  
252 100  
253 23.1 18.5 27.7  
125 21.3 17.0 25.6



#88  
Benzo(k)fluoranthene  
Concen: 38.40 ng  
RT: 22.88 min Scan# 3436  
Delta R.T. 0.00 min  
Lab File: BG016227.D  
Acq: 6 Apr 2015 17:21

Tgt Ion:252 Resp: 686869  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.5 26.3  
125 20.4 16.3 24.5





#89

Benzo(a)pyrene

Concen: 39.27 ng

RT: 23.41 min Scan# 3527

Delta R.T. 0.00 min

Lab File: BG016227.D

Acq: 6 Apr 2015 17:21

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

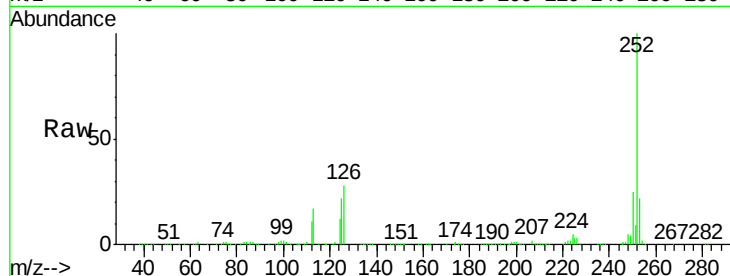
Tgt Ion:252 Resp: 675450

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

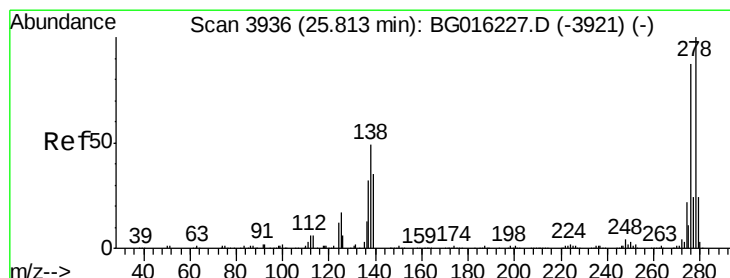
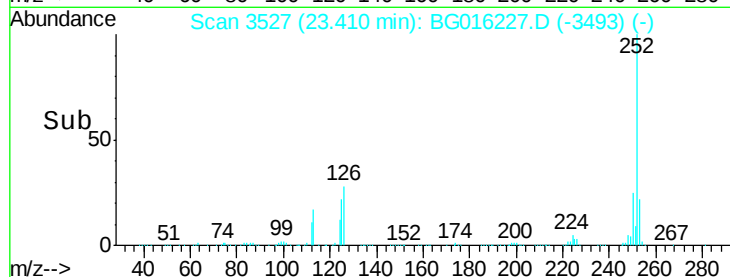
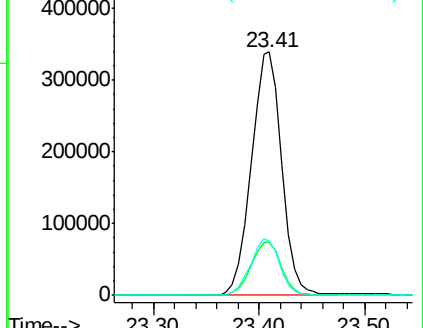
125 22.0 17.6 26.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.74 ng

RT: 25.81 min Scan# 3936

Delta R.T. 0.00 min

Lab File: BG016227.D

Acq: 6 Apr 2015 17:21

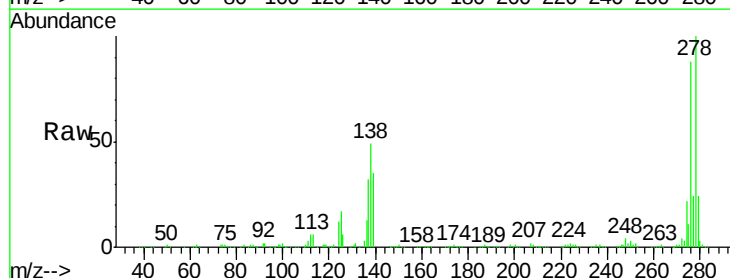
Tgt Ion:278 Resp: 652080

Ion Ratio Lower Upper

278 100

139 34.9 27.9 41.9

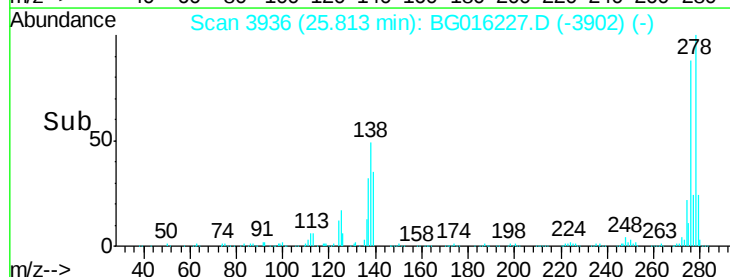
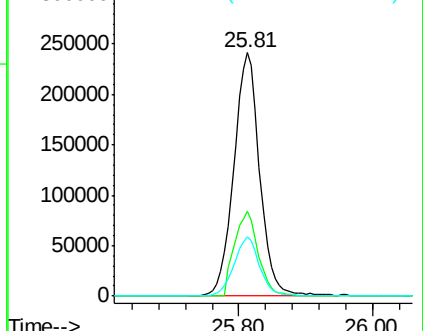
279 24.4 19.5 29.3

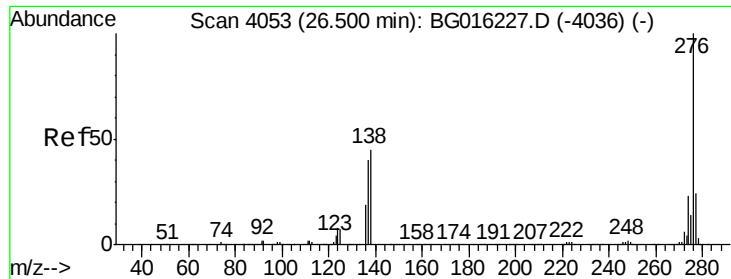


Abundance Ion 278.00 (277.70 to 278.70): E

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: 36.93 ng

RT: 26.50 min Scan# 4053

Delta R.T. 0.00 min

Lab File: BG016227.D

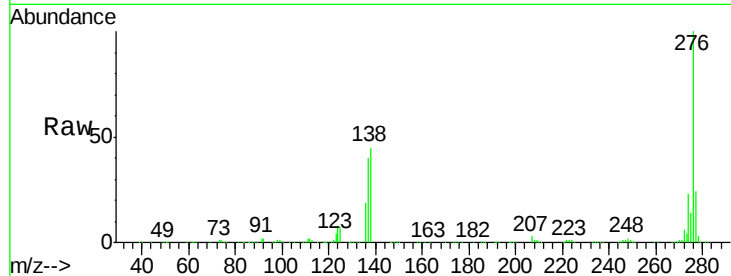
Acq: 6 Apr 2015 17:21

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040



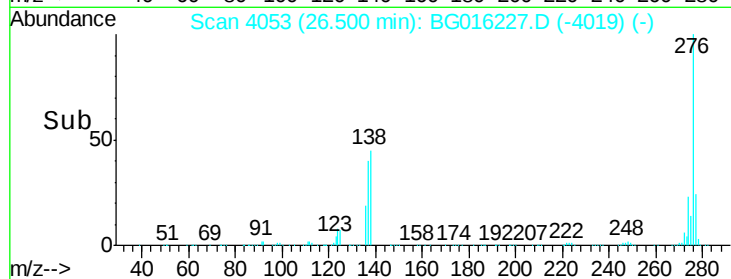
Tgt Ion: 276 Resp: 650645

Ion Ratio Lower Upper

276 100

277 24.4 19.5 29.3

138 44.6 35.7 53.5



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

