

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG041715\  
 Data File : BG016487.D  
 Acq On : 17 Apr 2015 12:50  
 Operator : TP/IZ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Apr 18 00:41:49 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG040615.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 14 14:00:56 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.65  | 152  | 69708    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.44 | 136  | 321054   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 14.30 | 164  | 188897   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 17.04 | 188  | 382301   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 21.23 | 240  | 334866   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.45 | 264  | 329944   | 20.00 | ng    | -0.01    |

|                             |       |     |         |       |    |       |
|-----------------------------|-------|-----|---------|-------|----|-------|
| System Monitoring Compounds |       |     |         |       |    |       |
| 5) 2-Fluorophenol           | 5.24  | 112 | 352089  | 79.71 | ng | -0.02 |
| 7) Phenol-d6                | 6.84  | 99  | 505036  | 76.17 | ng | -0.02 |
| 23) Nitrobenzene-d5         | 8.82  | 82  | 422190  | 76.18 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol    | 15.80 | 330 | 110194  | 86.26 | ng | -0.01 |
| 44) 2-Fluorobiphenyl        | 12.92 | 172 | 892472  | 80.44 | ng | -0.01 |
| 78) Terphenyl-d14           | 19.67 | 244 | 1070178 | 74.80 | ng | -0.01 |

|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.12  | 88  | 73701  | 36.71  | ng | 98   |
| 3) Pyridine                    | 3.52  | 79  | 213906 | 35.65  | ng | 98   |
| 4) n-Nitrosodimethylamine      | 3.44  | 42  | 65626  | 36.79  | ng | 98   |
| 6) Aniline                     | 6.98  | 93  | 343271 | 36.25  | ng | 96   |
| 8) 2-Chlorophenol              | 7.22  | 128 | 215163 | 40.56  | ng | 94   |
| 9) Benzaldehyde                | 6.80  | 77  | 124462 | 32.05  | ng | 96   |
| 10) Phenol                     | 6.87  | 94  | 265833 | 37.47  | ng | 100  |
| 11) bis(2-Chloroethyl)ether    | 7.08  | 93  | 201457 | 35.61  | ng | 98   |
| 12) 1,3-Dichlorobenzene        | 7.54  | 146 | 214438 | 40.03  | ng | 97   |
| 13) 1,4-Dichlorobenzene        | 7.69  | 146 | 219986 | 39.59  | ng | 96   |
| 14) 1,2-Dichlorobenzene        | 8.01  | 146 | 207776 | 39.10  | ng | 97   |
| 15) Benzyl Alcohol             | 7.90  | 79  | 166620 | 36.05  | ng | 98   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.19  | 45  | 200046 | 31.40  | ng | 96   |
| 17) 2-Methylphenol             | 8.11  | 107 | 180442 | 37.93  | ng | 96   |
| 18) Hexachloroethane           | 8.72  | 117 | 79914  | 37.59  | ng | 95   |
| 19) n-Nitroso-di-n-propylamine | 8.46  | 70  | 160887 | 33.87  | ng | 97   |
| 20) 3+4-Methylphenols          | 8.44  | 107 | 251115 | 38.11  | ng | 98   |
| 22) Acetophenone               | 8.48  | 105 | 284849 | 38.26  | ng | # 97 |
| 24) Nitrobenzene               | 8.86  | 77  | 220320 | 37.17  | ng | 91   |
| 25) Isophorone                 | 9.37  | 82  | 443630 | 36.05  | ng | 98   |
| 26) 2-Nitrophenol              | 9.56  | 139 | 132054 | 47.78  | ng | 94   |
| 27) 2,4-Dimethylphenol         | 9.63  | 122 | 214948 | 41.75  | ng | 99   |
| 28) bis(2-Chloroethoxy)methane | 9.86  | 93  | 260606 | 37.10  | ng | 99   |
| 29) 2,4-Dichlorophenol         | 10.10 | 162 | 184041 | 45.18  | ng | 97   |
| 30) 1,2,4-Trichlorobenzene     | 10.31 | 180 | 181445 | 42.67  | ng | 99   |
| 31) Naphthalene                | 10.49 | 128 | 666637 | 39.85  | ng | 100  |
| 32) Benzoic acid               | 9.79  | 122 | 125472 | 39.30  | ng | 96   |
| 33) 4-Chloroaniline            | 10.61 | 127 | 317735 | 40.48  | ng | 98   |
| 34) Hexachlorobutadiene        | 10.77 | 225 | 79848  | 42.74  | ng | 99   |
| 35) Caprolactam                | 11.39 | 113 | 103404 | 40.32  | ng | 97   |
| 36) 4-Chloro-3-methylphenol    | 11.75 | 107 | 221353 | 41.14  | ng | 91   |
| 37) 2-Methylnaphthalene        | 12.11 | 142 | 481685 | 40.03  | ng | 99   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.48 | 216 | 175342 | 42.16  | ng | 98   |
| 40) Hexachlorocyclopentadiene  | 12.46 | 237 | 66626  | 35.00  | ng | 97   |

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG041715\  
 Data File : BG016487.D  
 Acq On : 17 Apr 2015 12:50  
 Operator : TP/IZ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

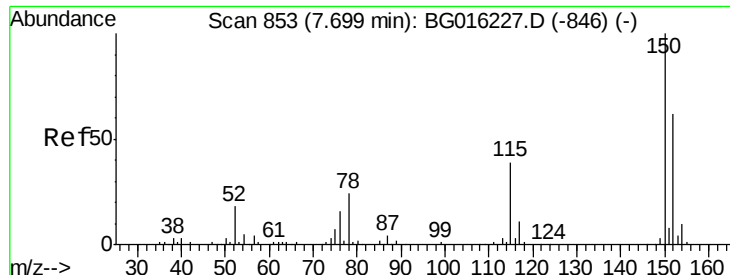
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Apr 18 00:41:49 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG040615.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 14 14:00:56 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 12.74 | 196  | 139998   | 45.30 | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 12.81 | 196  | 149052   | 45.14 | ng    | 95       |
| 45) 1,1'-Biphenyl              | 13.13 | 154  | 571959   | 39.47 | ng    | 98       |
| 46) 2-Chloronaphthalene        | 13.18 | 162  | 443593   | 40.19 | ng    | 99       |
| 47) 2-Nitroaniline             | 13.39 | 65   | 138104   | 38.82 | ng    | 91       |
| 48) Acenaphthylene             | 14.02 | 152  | 781345   | 39.81 | ng    | 99       |
| 49) Dimethylphthalate          | 13.77 | 163  | 542603   | 39.19 | ng    | 100      |
| 50) 2,6-Dinitrotoluene         | 13.89 | 165  | 139521   | 41.67 | ng    | 94       |
| 51) Acenaphthene               | 14.37 | 154  | 466369   | 39.76 | ng    | 98       |
| 52) 3-Nitroaniline             | 14.22 | 138  | 171789   | 40.18 | ng    | 89       |
| 53) 2,4-Dinitrophenol          | 14.43 | 184  | 55670    | 34.02 | ng    | # 89     |
| 54) Dibenzofuran               | 14.70 | 168  | 645667   | 39.67 | ng    | 98       |
| 55) 4-Nitrophenol              | 14.55 | 139  | 135389   | 38.31 | ng    | 97       |
| 56) 2,4-Dinitrotoluene         | 14.68 | 165  | 194089   | 42.56 | ng    | 89       |
| 57) Fluorene                   | 15.35 | 166  | 572692   | 39.88 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 14.93 | 232  | 110658   | 43.43 | ng    | 93       |
| 59) Diethylphthalate           | 15.13 | 149  | 575881   | 39.08 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.35 | 204  | 233418   | 39.74 | ng    | 96       |
| 61) 4-Nitroaniline             | 15.39 | 138  | 193677   | 39.90 | ng    | 99       |
| 62) Azobenzene                 | 15.64 | 77   | 545116   | 34.75 | ng    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 15.44 | 198  | 98257    | 37.45 | ng    | 92       |
| 65) n-Nitrosodiphenylamine     | 15.57 | 169  | 525825   | 40.69 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.24 | 248  | 124848   | 40.90 | ng    | 94       |
| 67) Hexachlorobenzene          | 16.35 | 284  | 127072   | 40.05 | ng    | 99       |
| 68) Atrazine                   | 16.52 | 200  | 148546   | 41.24 | ng    | 98       |
| 69) Pentachlorophenol          | 16.70 | 266  | 78100    | 40.32 | ng    | 97       |
| 70) Phenanthrene               | 17.09 | 178  | 843282   | 39.22 | ng    | 99       |
| 71) Anthracene                 | 17.18 | 178  | 856505   | 40.19 | ng    | 100      |
| 72) Carbazole                  | 17.45 | 167  | 841375   | 39.34 | ng    | 99       |
| 73) Di-n-butylphthalate        | 18.01 | 149  | 1032581  | 39.45 | ng    | 100      |
| 74) Fluoranthene               | 19.10 | 202  | 871847   | 39.34 | ng    | 97       |
| 76) Benzidine                  | 19.30 | 184  | 477035   | 33.59 | ng    | 98       |
| 77) Pyrene                     | 19.47 | 202  | 891087   | 38.22 | ng    | 99       |
| 79) Butylbenzylphthalate       | 20.37 | 149  | 488577   | 42.65 | ng    | 98       |
| 80) Benzo(a)anthracene         | 21.21 | 228  | 798794   | 40.36 | ng    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 21.15 | 252  | 276993   | 42.56 | ng    | 98       |
| 82) Chrysene                   | 21.27 | 228  | 760721   | 39.81 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.14 | 149  | 679049   | 43.79 | ng    | 98       |
| 84) Di-n-octyl phthalate       | 22.01 | 149  | 1148633  | 45.46 | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 25.73 | 276  | 881542   | 44.41 | ng    | 98       |
| 87) Benzo(b)fluoranthene       | 22.78 | 252  | 771961   | 39.95 | ng    | 98       |
| 88) Benzo(k)fluoranthene       | 22.83 | 252  | 749561   | 39.64 | ng    | 98       |
| 89) Benzo(a)pyrene             | 23.36 | 252  | 731099   | 40.37 | ng    | 100      |
| 90) Dibenzo(a,h)anthracene     | 25.74 | 278  | 725683   | 41.18 | ng    | 98       |
| 91) Benzo(g,h,i)perylene       | 26.43 | 276  | 734385   | 41.72 | ng    | 96       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.65 min Scan# 845

Delta R.T. -0.02 min

Lab File: BG016487.D

Acq: 17 Apr 2015 12:50

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

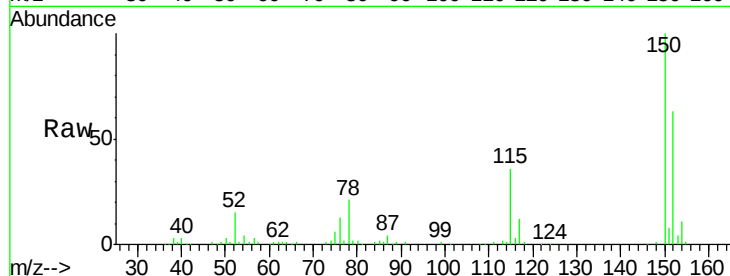
Tgt Ion:152 Resp: 69708

Ion Ratio Lower Upper

152 100

150 158.0 130.1 195.1

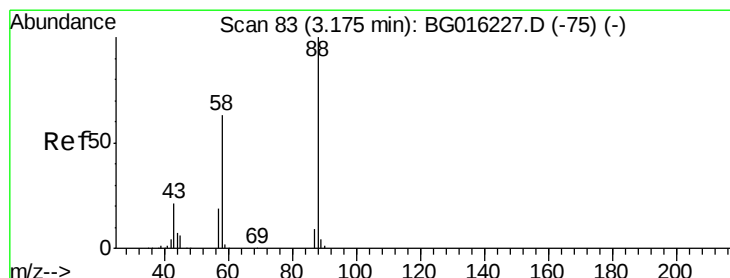
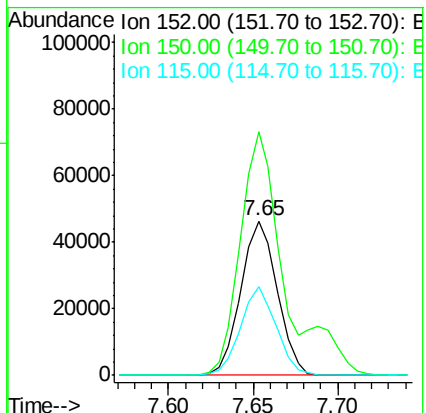
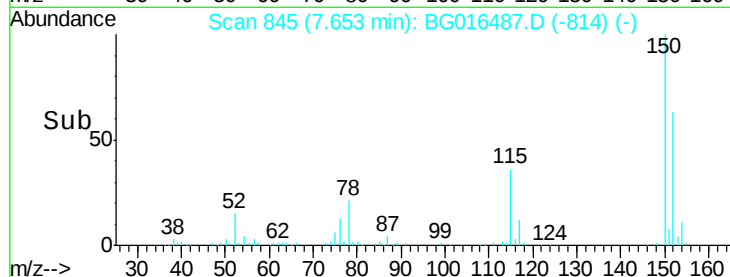
115 57.5 50.5 75.7



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: 36.71 ng

RT: 3.12 min Scan# 74

Delta R.T. -0.03 min

Lab File: BG016487.D

Acq: 17 Apr 2015 12:50

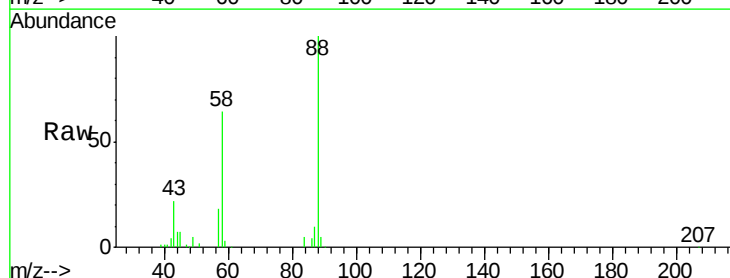
Tgt Ion: 88 Resp: 73701

Ion Ratio Lower Upper

88 100

58 61.9 50.6 76.0

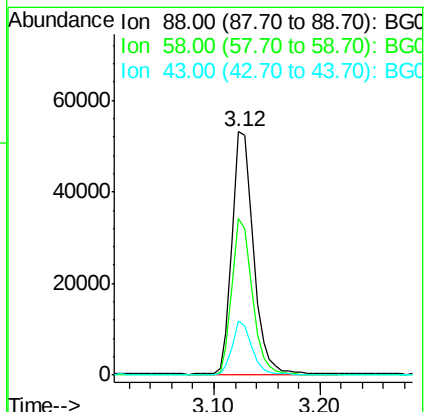
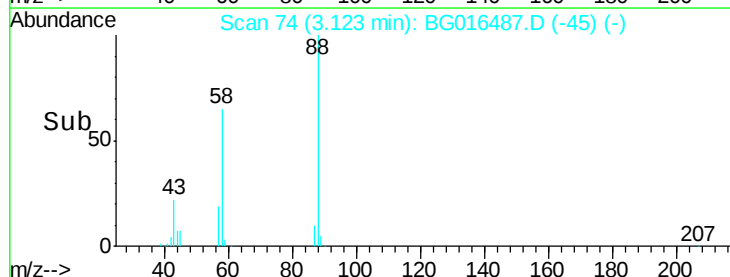
43 20.8 17.0 25.4

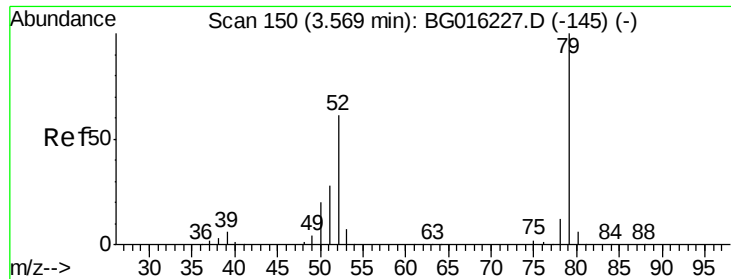


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 35.65 ng

RT: 3.52 min Scan# 142

Delta R.T. -0.03 min

Lab File: BG016487.D

Acq: 17 Apr 2015 12:50

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

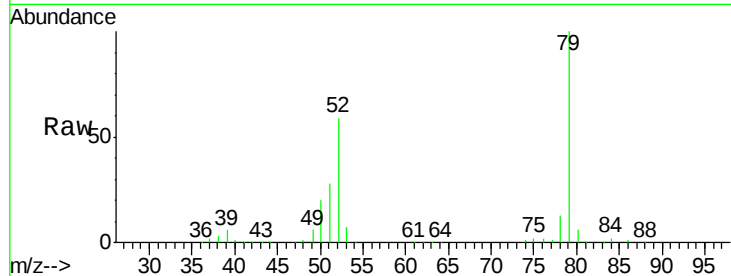
Tgt Ion: 79 Resp: 213906

Ion Ratio Lower Upper

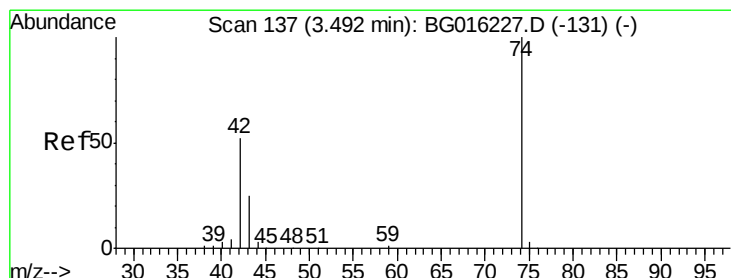
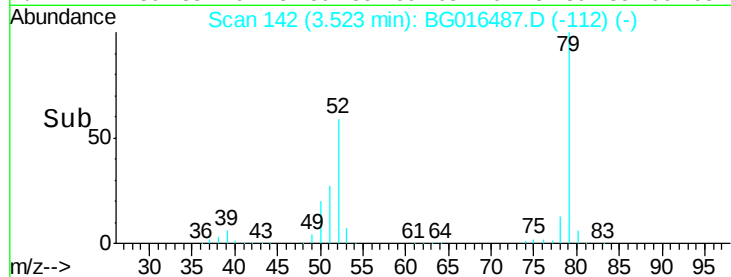
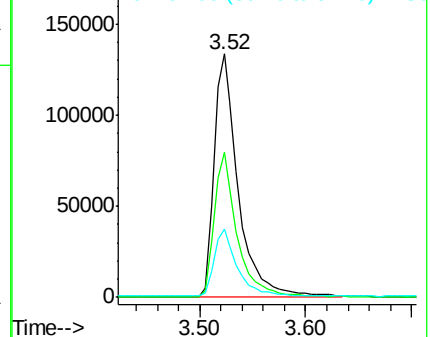
79 100

52 59.5 49.0 73.4

51 28.0 22.5 33.7



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



#4

n-Nitrosodimethylamine

Concen: 36.79 ng

RT: 3.44 min Scan# 128

Delta R.T. -0.03 min

Lab File: BG016487.D

Acq: 17 Apr 2015 12:50

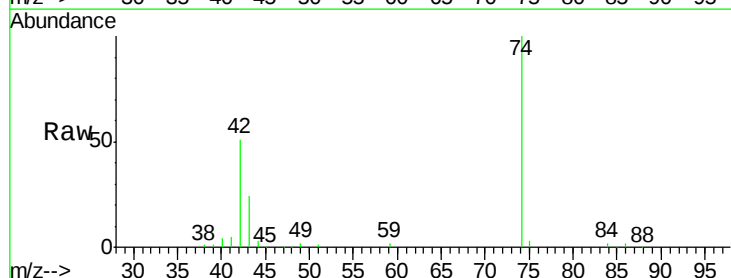
Tgt Ion: 42 Resp: 65626

Ion Ratio Lower Upper

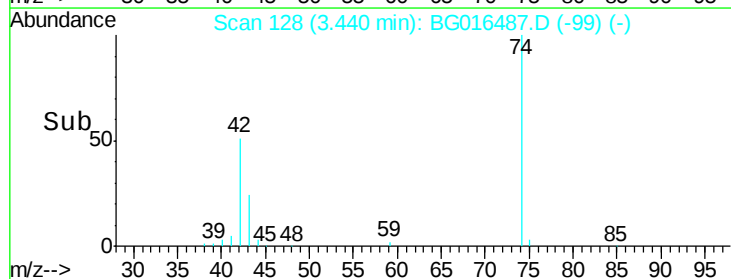
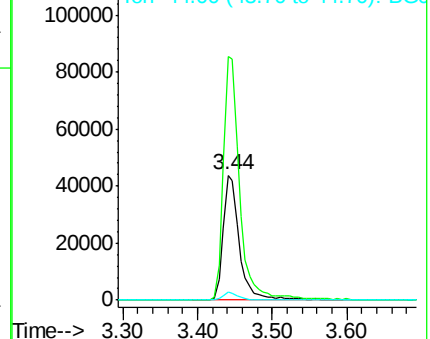
42 100

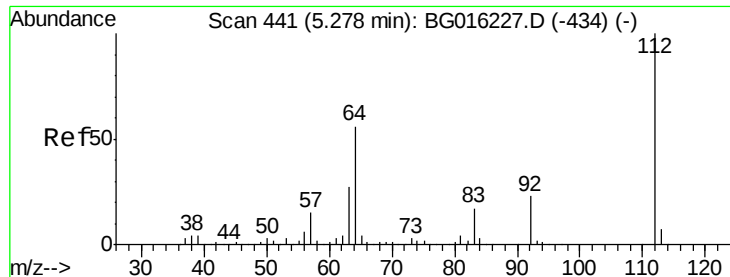
74 194.6 153.7 230.5

44 6.2 5.3 7.9



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





#5

2-Fluorophenol

Concen: 79.71 ng

RT: 5.24 min Scan# 435

Delta R.T. -0.02 min

Lab File: BG016487.D

Acq: 17 Apr 2015 12:50

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

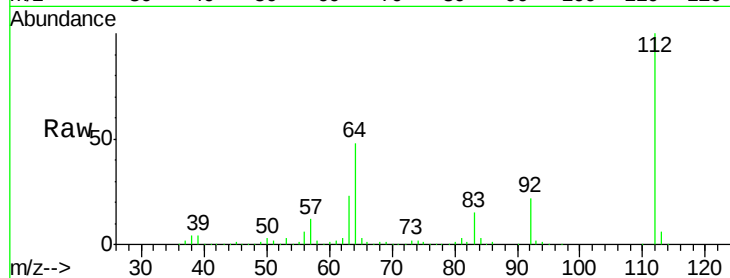
Tgt Ion: 112 Resp: 352089

Ion Ratio Lower Upper

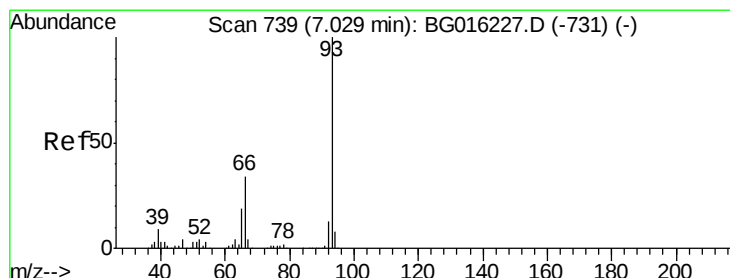
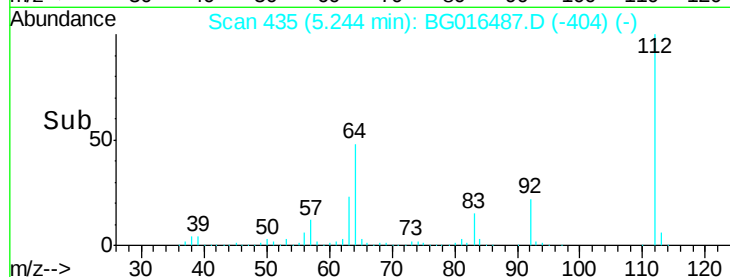
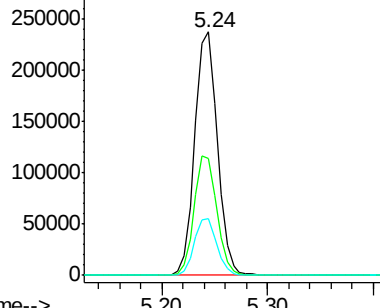
112 100

64 48.1 44.5 66.7

63 23.2 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): BGC  
Ion 64.00 (63.70 to 64.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 36.25 ng

RT: 6.98 min Scan# 731

Delta R.T. -0.03 min

Lab File: BG016487.D

Acq: 17 Apr 2015 12:50

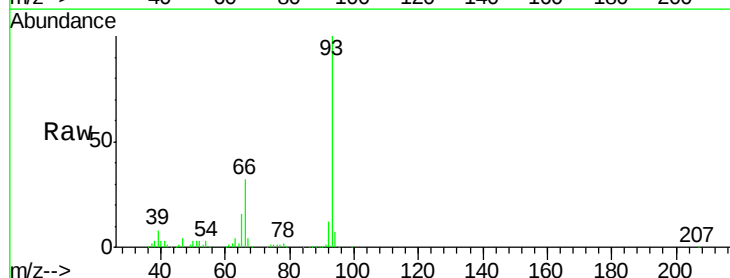
Tgt Ion: 93 Resp: 343271

Ion Ratio Lower Upper

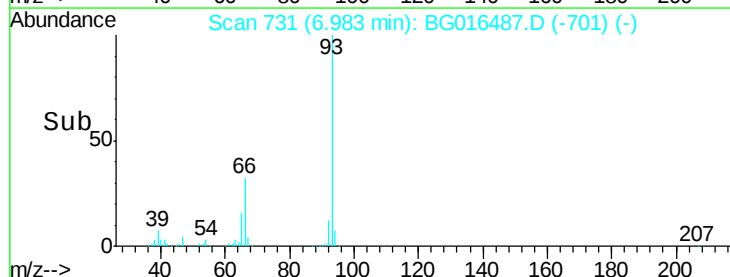
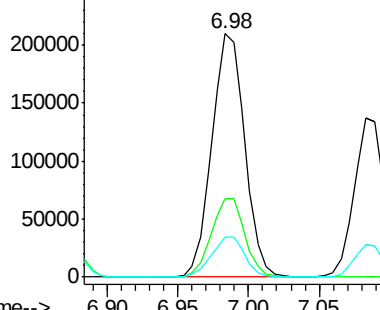
93 100

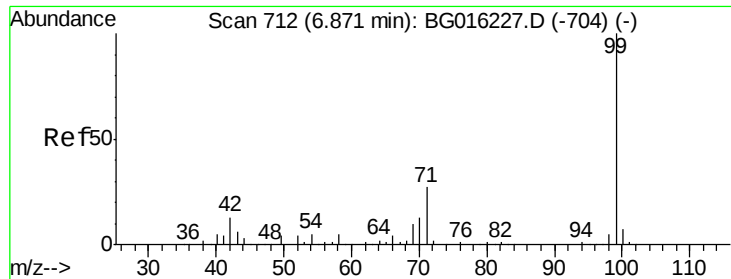
66 32.4 27.5 41.3

65 16.5 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: 76.17 ng

RT: 6.84 min Scan# 707

Delta R.T. -0.02 min

Lab File: BG016487.D

Acq: 17 Apr 2015 12:50

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

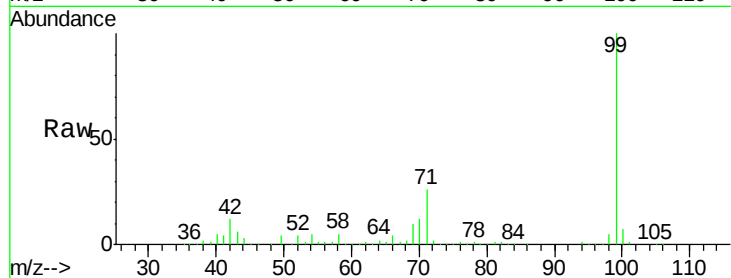
Tgt Ion: 99 Resp: 505036

Ion Ratio Lower Upper

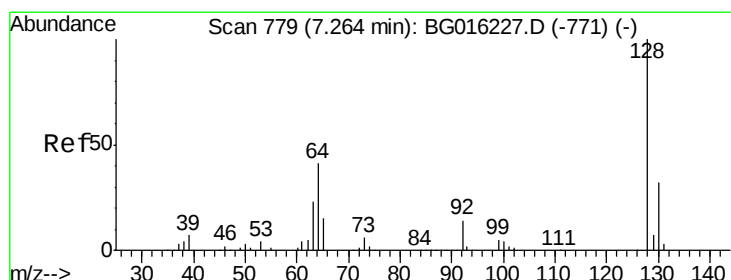
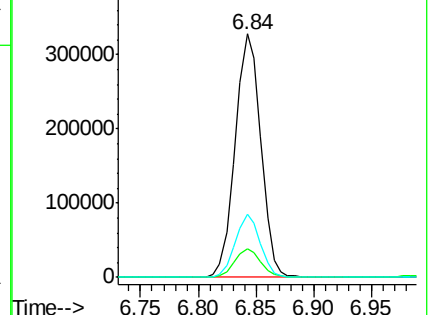
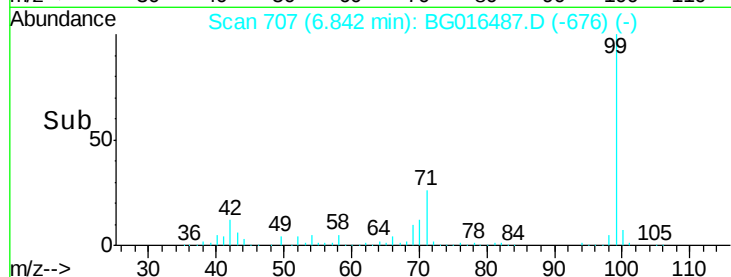
99 100

42 11.9 10.0 15.0

71 25.7 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: 40.56 ng

RT: 7.22 min Scan# 772

Delta R.T. -0.02 min

Lab File: BG016487.D

Acq: 17 Apr 2015 12:50

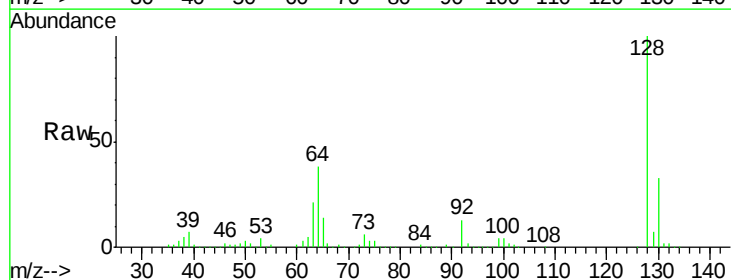
Tgt Ion: 128 Resp: 215163

Ion Ratio Lower Upper

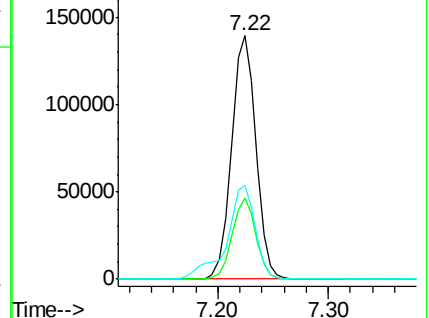
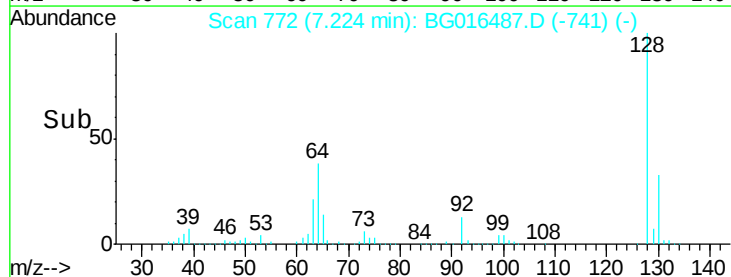
128 100

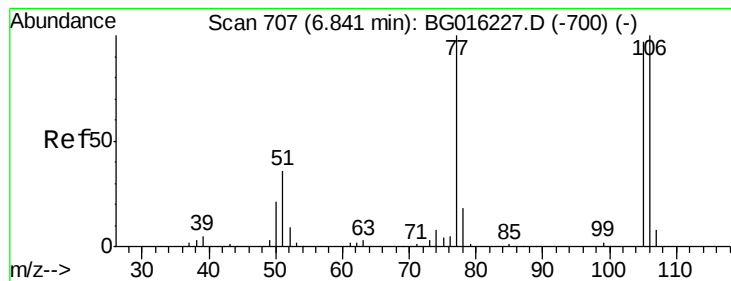
130 33.2 11.6 51.6

64 38.4 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: 32.05 ng

RT: 6.80 min Scan# 699

Delta R.T. -0.03 min

Lab File: BG016487.D

Acq: 17 Apr 2015 12:50

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

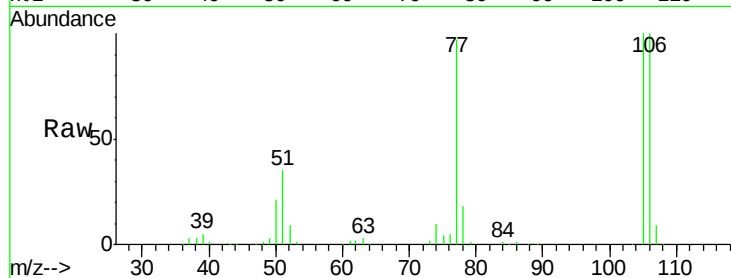
Tgt Ion: 77 Resp: 124462

Ion Ratio Lower Upper

77 100

105 102.8 76.8 116.8

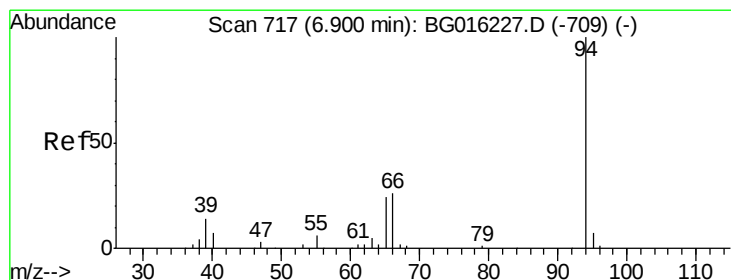
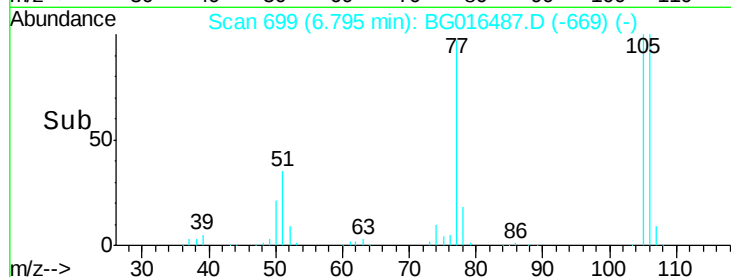
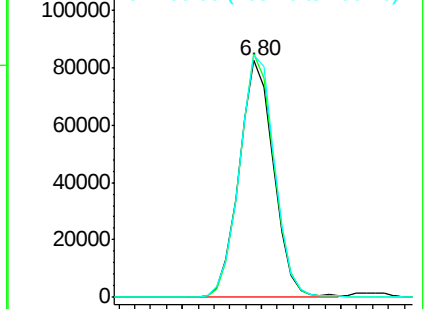
106 102.5 80.1 120.1



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: 37.47 ng

RT: 6.87 min Scan# 712

Delta R.T. -0.01 min

Lab File: BG016487.D

Acq: 17 Apr 2015 12:50

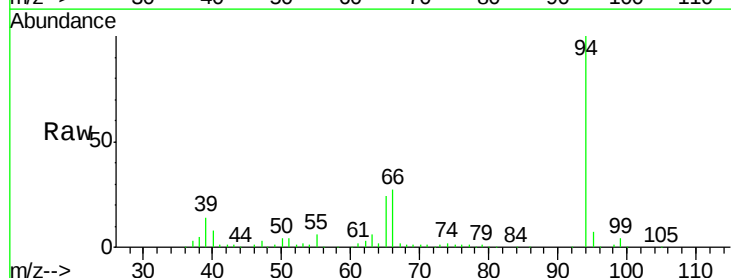
Tgt Ion: 94 Resp: 265833

Ion Ratio Lower Upper

94 100

65 23.6 3.8 43.8

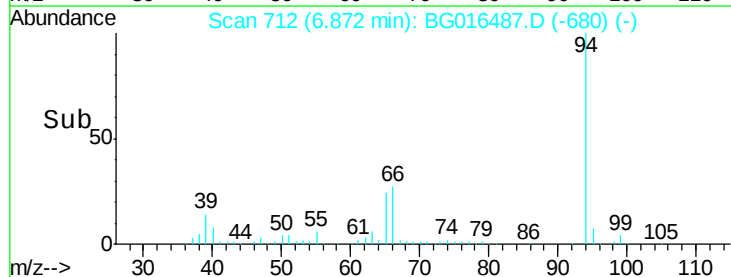
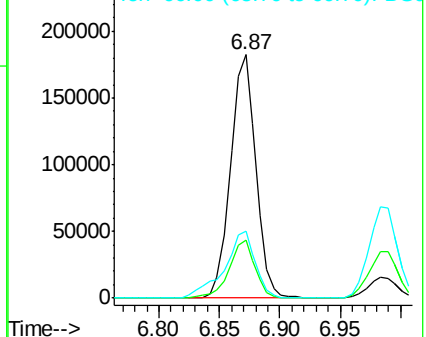
66 27.4 7.4 47.4

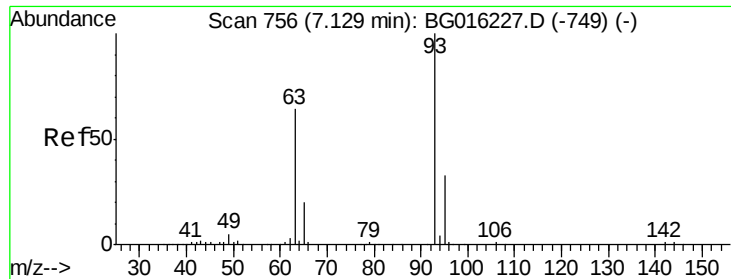


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

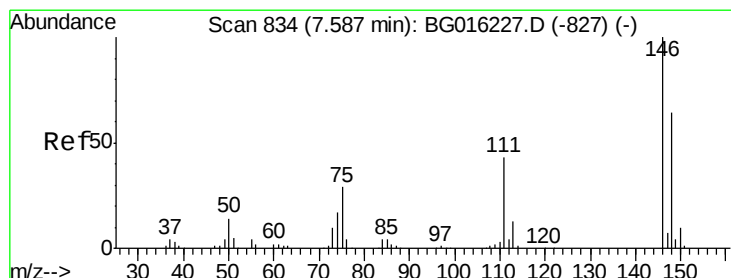
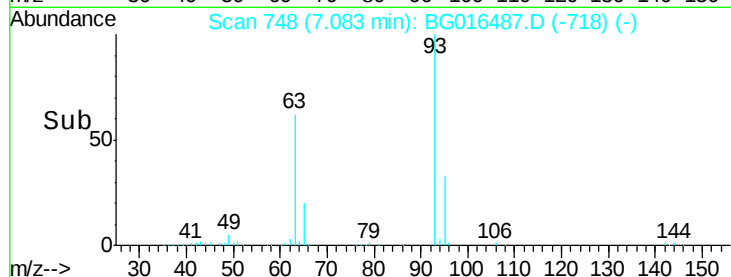
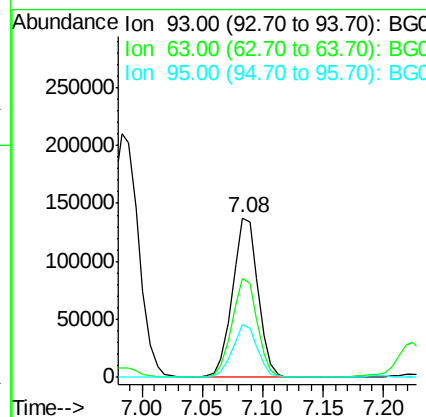
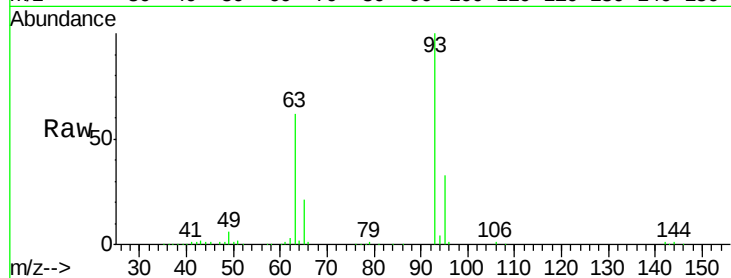




#11  
 bis(2-Chloroethyl)ether  
 Concen: 35.61 ng  
 RT: 7.08 min Scan# 748  
 Delta R.T. -0.03 min  
 Lab File: BG016487.D  
 Acq: 17 Apr 2015 12:50

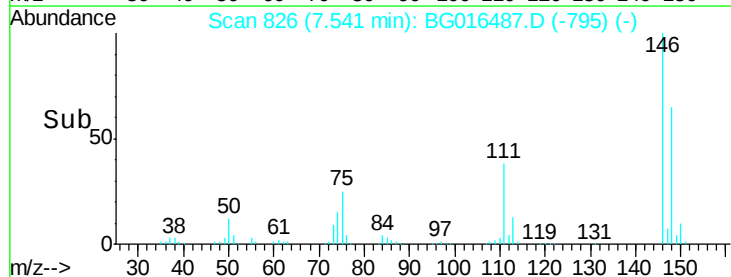
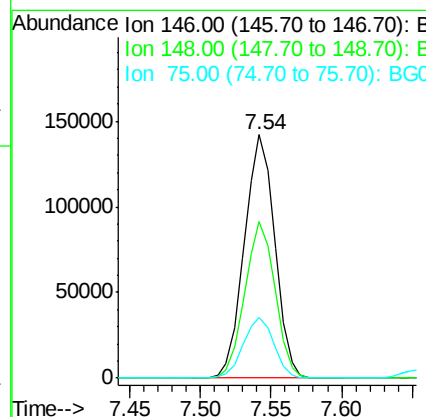
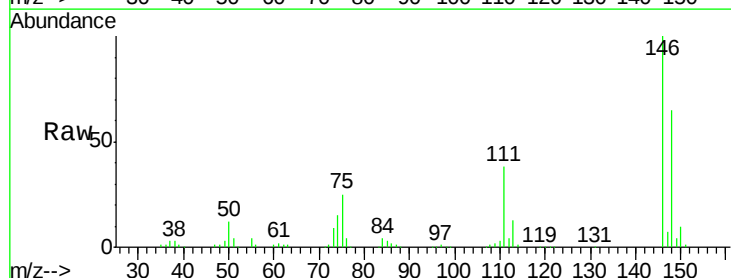
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

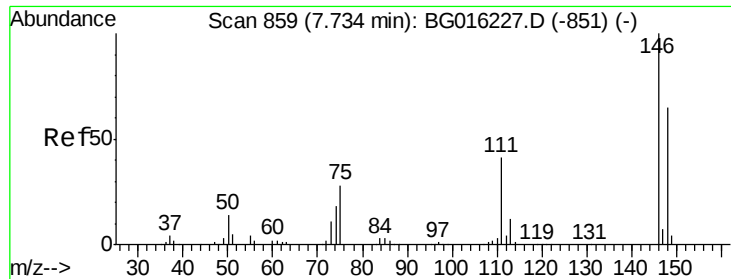
Tgt Ion: 93 Resp: 201457  
 Ion Ratio Lower Upper  
 93 100  
 63 62.2 44.1 84.1  
 95 33.2 12.5 52.5



#12  
 1,3-Dichlorobenzene  
 Concen: 40.03 ng  
 RT: 7.54 min Scan# 826  
 Delta R.T. -0.02 min  
 Lab File: BG016487.D  
 Acq: 17 Apr 2015 12:50

Tgt Ion: 146 Resp: 214438  
 Ion Ratio Lower Upper  
 146 100  
 148 64.5 50.9 76.3  
 75 24.7 23.3 34.9

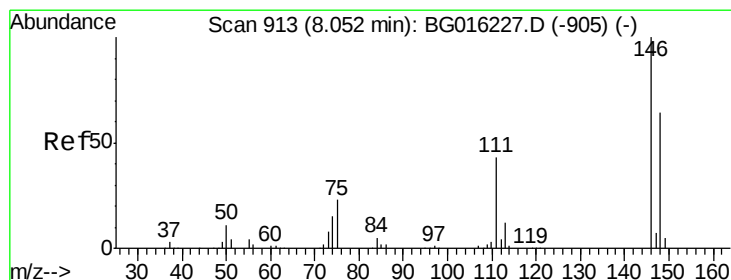
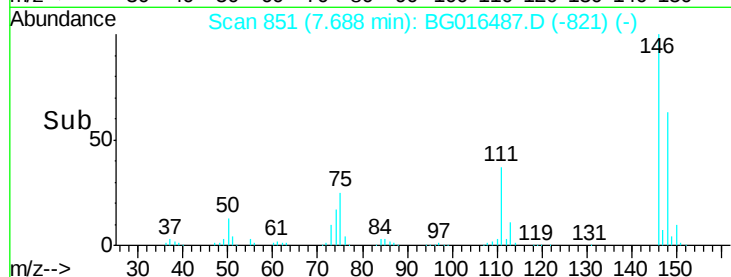
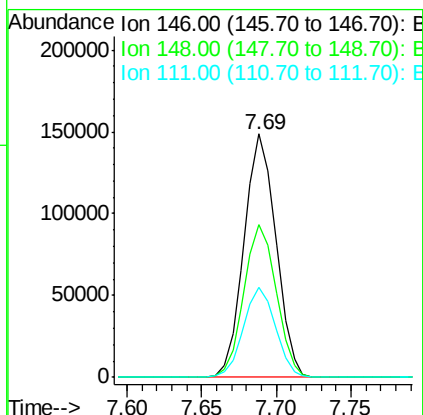
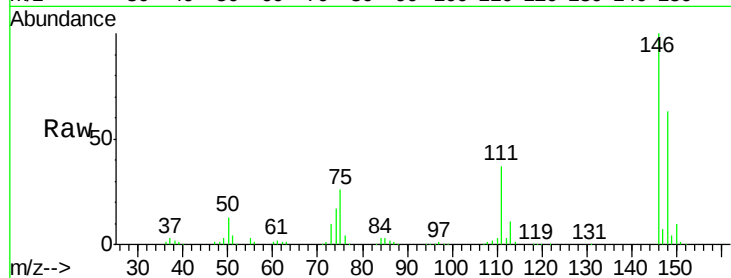




#13  
 1,4-Dichlorobenzene  
 Concen: 39.59 ng  
 RT: 7.69 min Scan# 851  
 Delta R.T. -0.03 min  
 Lab File: BG016487.D  
 Acq: 17 Apr 2015 12:50

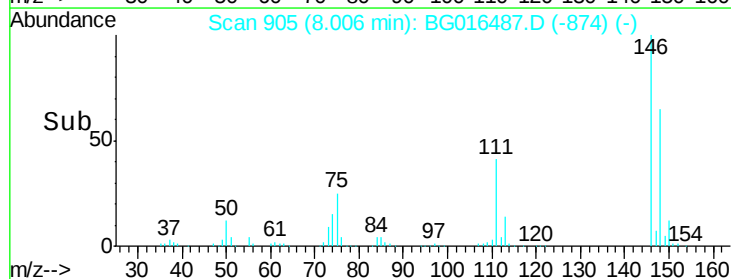
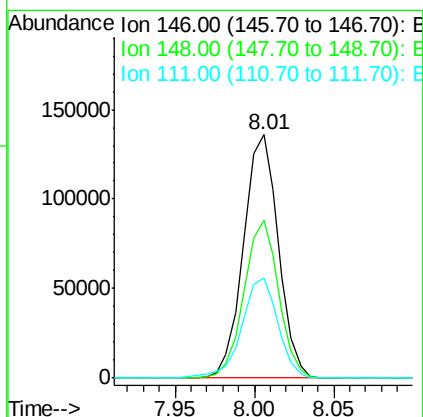
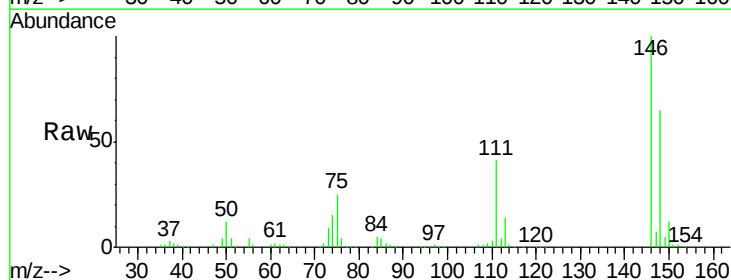
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

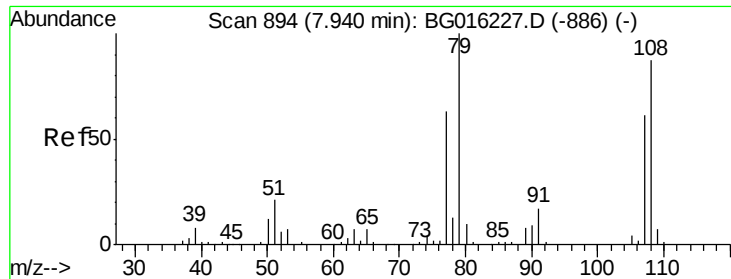
Tgt Ion:146 Resp: 219986  
 Ion Ratio Lower Upper  
 146 100  
 148 62.6 52.0 78.0  
 111 37.1 32.6 49.0



#14  
 1,2-Dichlorobenzene  
 Concen: 39.10 ng  
 RT: 8.01 min Scan# 905  
 Delta R.T. -0.02 min  
 Lab File: BG016487.D  
 Acq: 17 Apr 2015 12:50

Tgt Ion:146 Resp: 207776  
 Ion Ratio Lower Upper  
 146 100  
 148 65.1 50.9 76.3  
 111 41.0 34.7 52.1





#15

Benzyl Alcohol

Concen: 36.05 ng

RT: 7.90 min Scan# 887

Delta R.T. -0.02 min

Lab File: BG016487.D

Acq: 17 Apr 2015 12:50

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

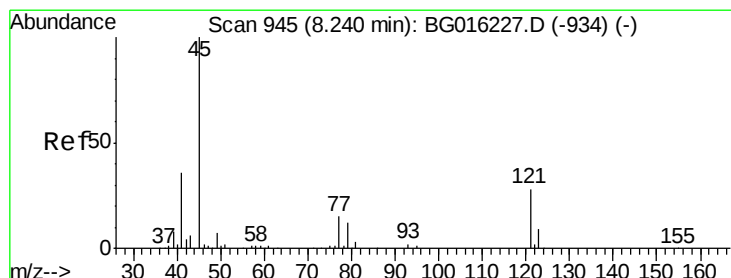
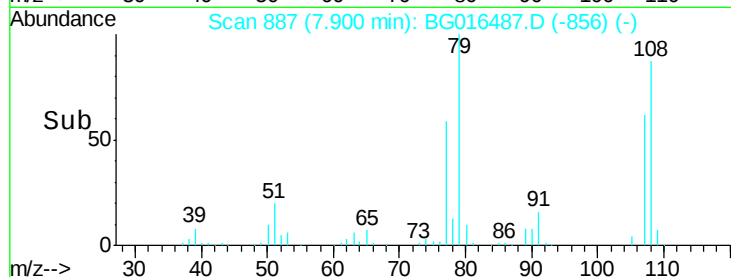
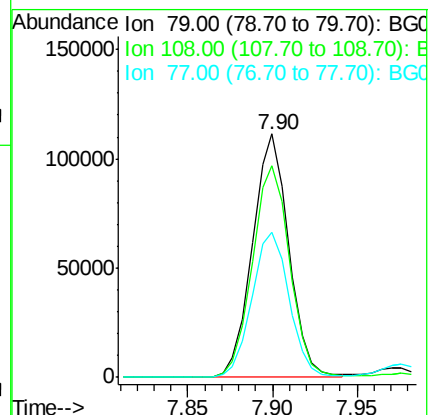
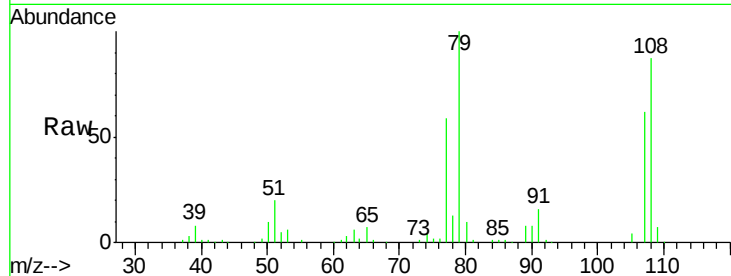
Tgt Ion: 79 Resp: 166620

Ion Ratio Lower Upper

79 100

108 86.9 69.3 103.9

77 59.4 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.40 ng

RT: 8.19 min Scan# 937

Delta R.T. -0.02 min

Lab File: BG016487.D

Acq: 17 Apr 2015 12:50

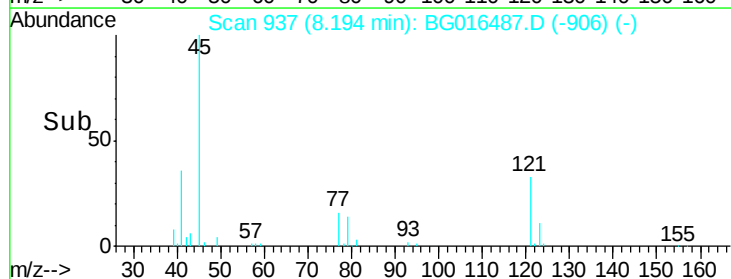
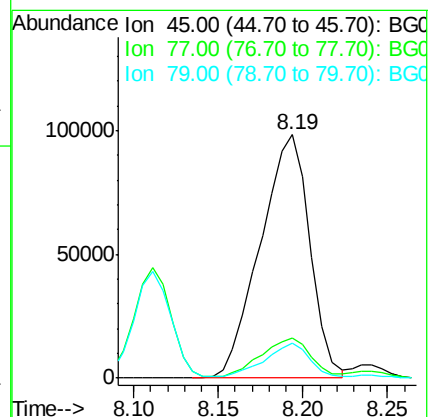
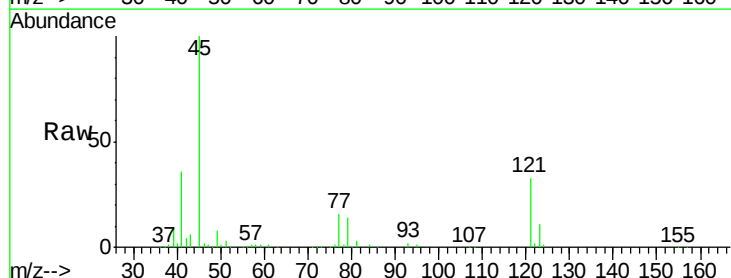
Tgt Ion: 45 Resp: 200046

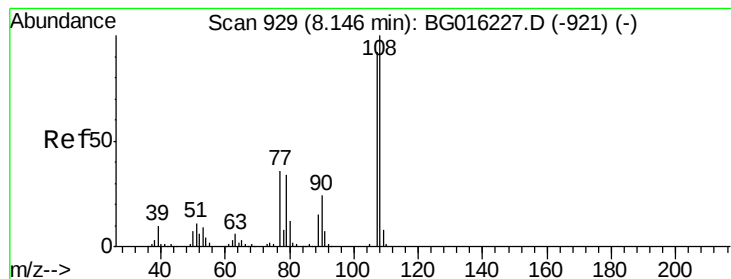
Ion Ratio Lower Upper

45 100

77 16.5 0.0 35.3

79 14.3 0.0 32.3





#17

2-Methylphenol

Concen: 37.93 ng

RT: 8.11 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG016487.D

Acq: 17 Apr 2015 12:50

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 180442

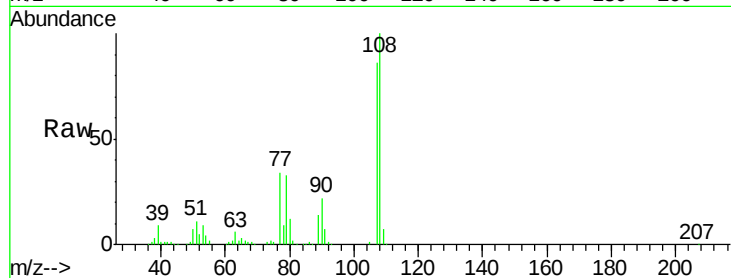
Ion Ratio Lower Upper

107 100

108 116.1 87.2 130.8

77 39.3 31.1 46.7

79 37.9 29.7 44.5

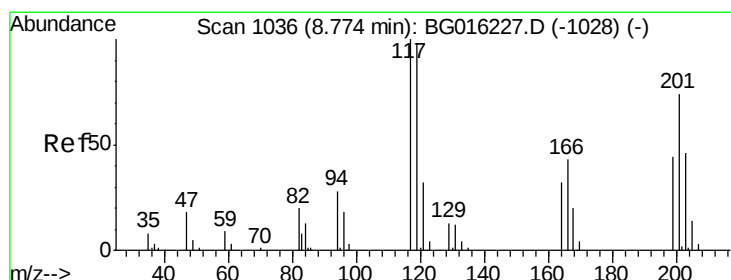
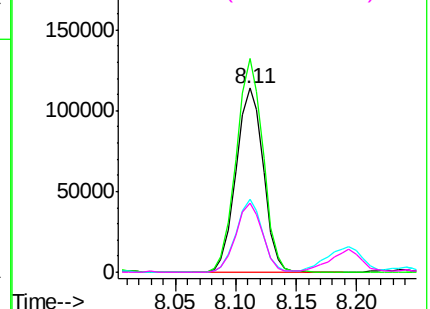
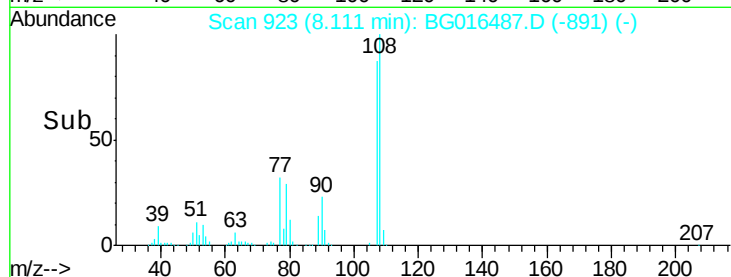


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 37.59 ng

RT: 8.72 min Scan# 1027

Delta R.T. -0.03 min

Lab File: BG016487.D

Acq: 17 Apr 2015 12:50

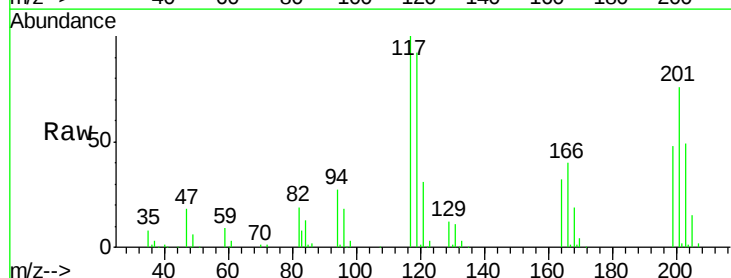
Tgt Ion:117 Resp: 79914

Ion Ratio Lower Upper

117 100

119 91.8 78.8 118.2

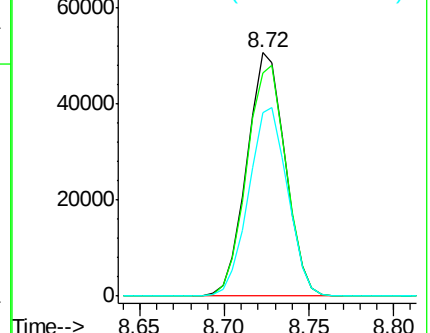
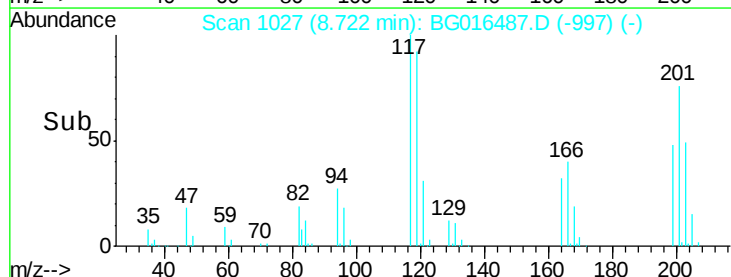
201 75.6 59.0 88.4

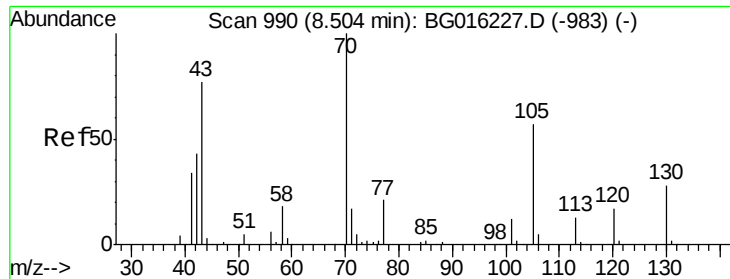


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

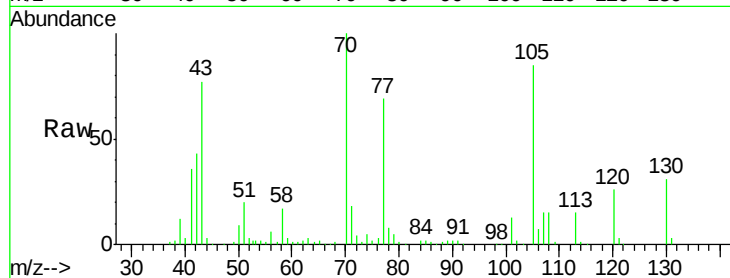




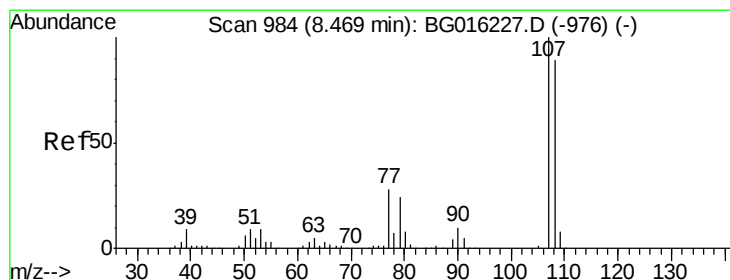
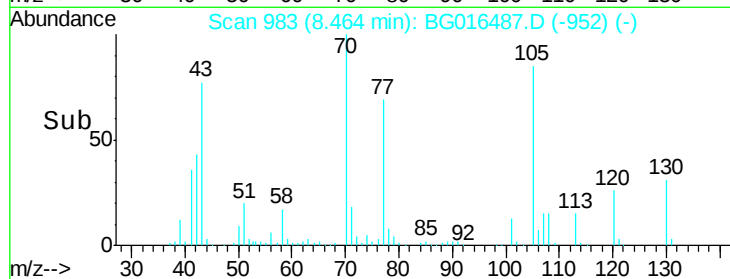
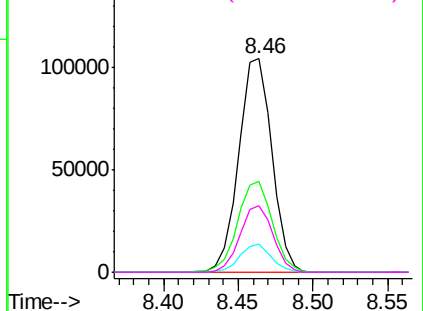
#19  
n-Nitroso-di-n-propylamine  
Concen: 33.87 ng  
RT: 8.46 min Scan# 983  
Delta R.T. -0.02 min  
Lab File: BG016487.D  
Acq: 17 Apr 2015 12:50

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 70 Resp: 160887  
Ion Ratio Lower Upper  
70 100  
42 42.8 34.7 52.1  
101 13.1 9.2 13.8  
130 31.0 22.6 33.8

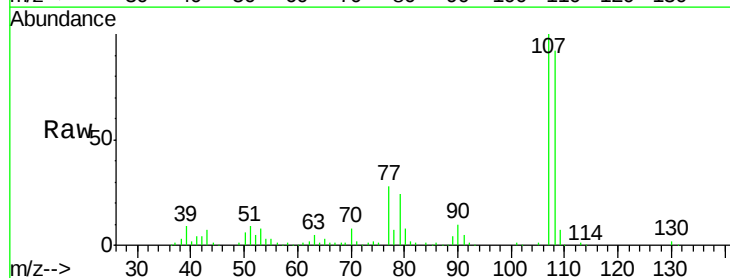


Abundance Ion 70.00 (69.70 to 70.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 101.00 (100.70 to 101.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC

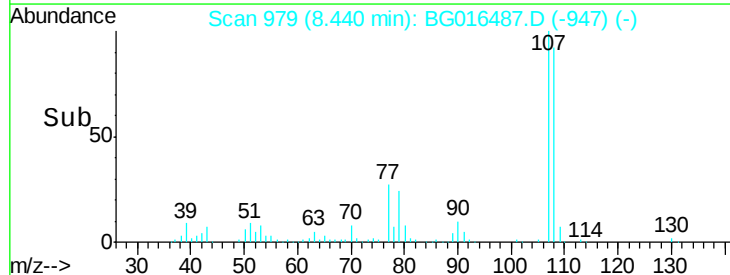
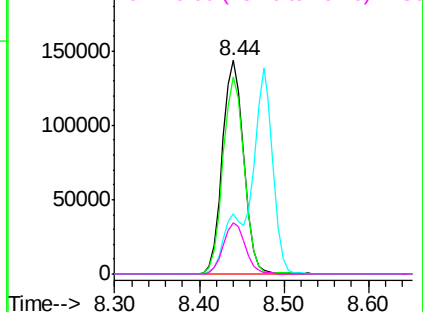


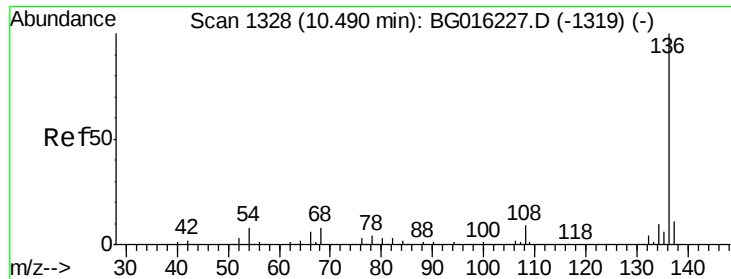
#20  
3+4-Methylphenols  
Concen: 38.11 ng  
RT: 8.44 min Scan# 979  
Delta R.T. -0.01 min  
Lab File: BG016487.D  
Acq: 17 Apr 2015 12:50

Tgt Ion: 107 Resp: 251115  
Ion Ratio Lower Upper  
107 100  
108 92.0 69.5 109.5  
77 27.9 8.2 48.2  
79 23.9 3.8 43.8



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

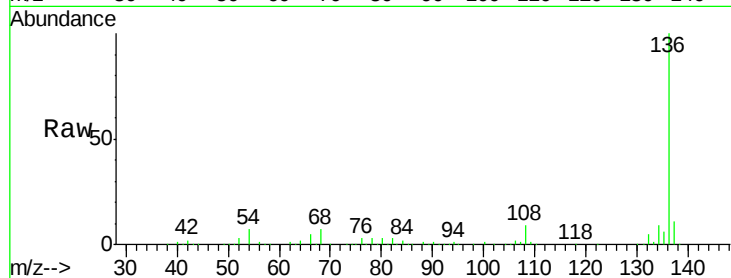




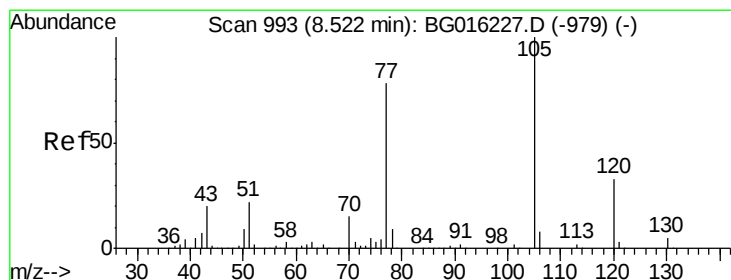
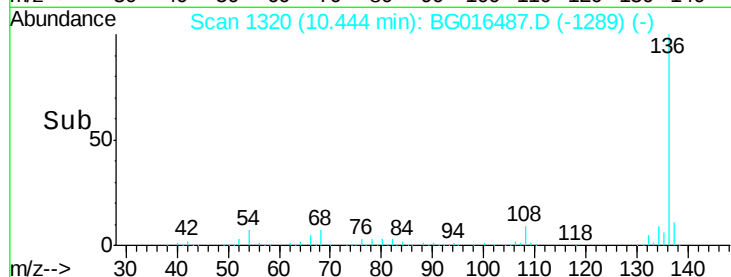
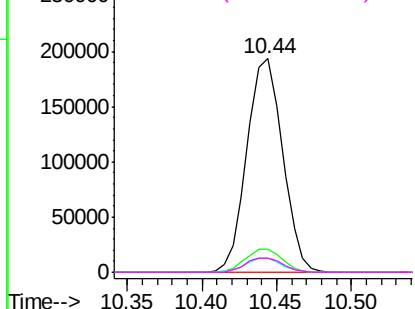
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.44 min Scan# 1320  
Delta R.T. -0.02 min  
Lab File: BG016487.D  
Acq: 17 Apr 2015 12:50

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 321054 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.0  | 8.7   | 13.1   |
| 54       | 6.7   | 6.3   | 9.5    |
| 68       | 6.6   | 6.5   | 9.7    |

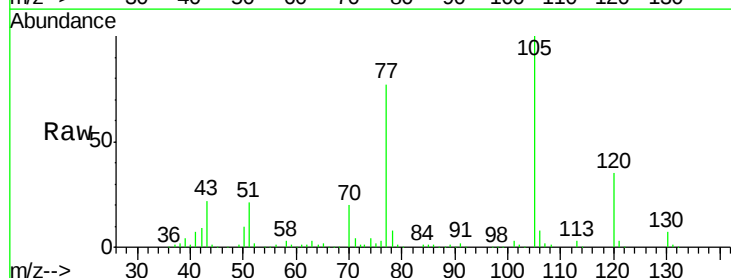


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

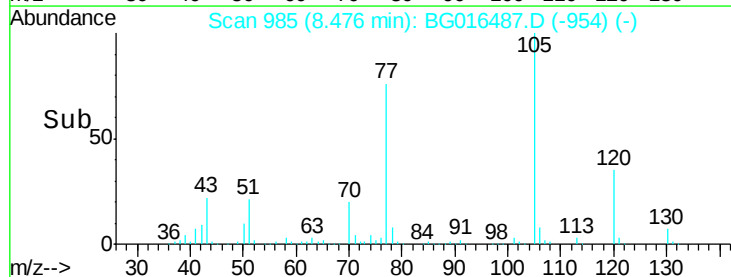
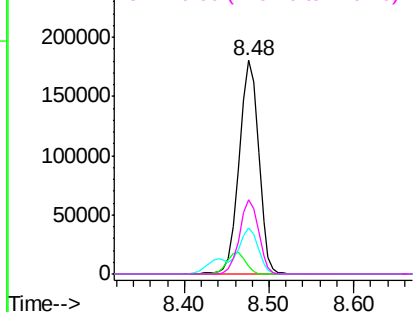


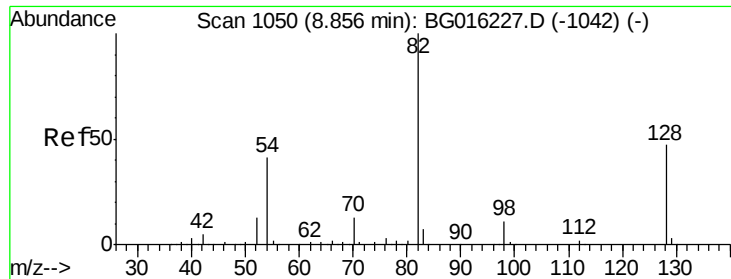
#22  
Acetophenone  
Concen: 38.26 ng  
RT: 8.48 min Scan# 985  
Delta R.T. -0.02 min  
Lab File: BG016487.D  
Acq: 17 Apr 2015 12:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 284849 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 3.6   | 2.0   | 3.0#   |
| 51       | 21.4  | 17.9  | 26.9   |
| 120      | 34.6  | 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

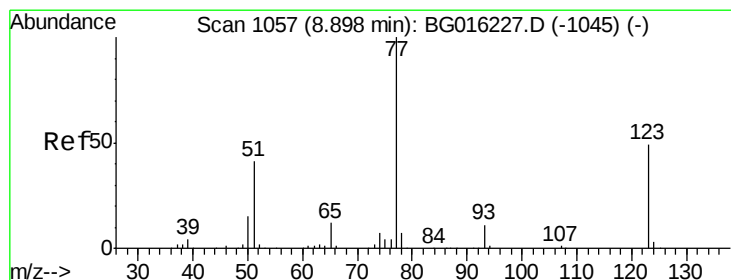
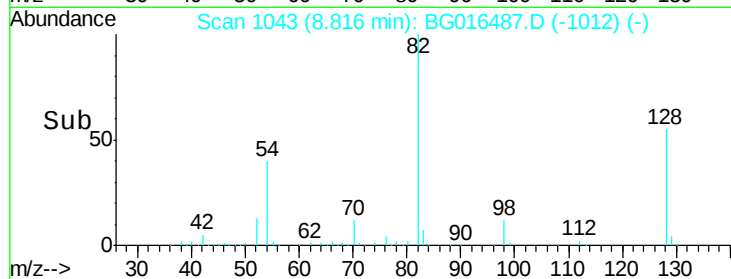
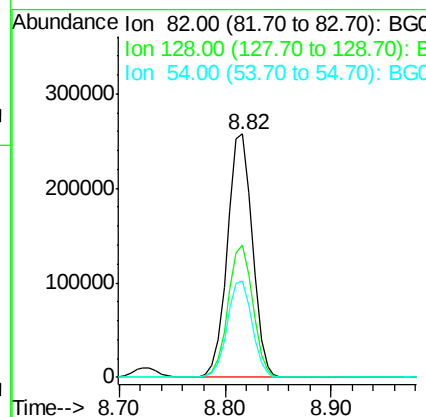
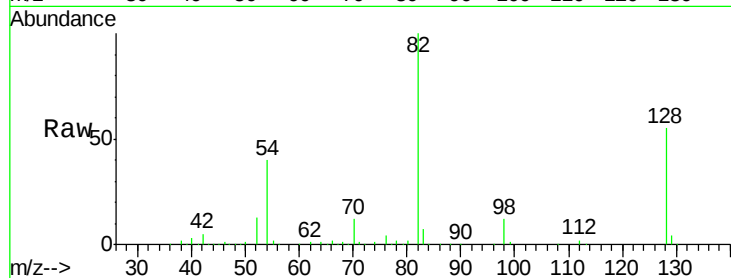




#23  
 Nitrobenzene-d5  
 Concen: 76.18 ng  
 RT: 8.82 min Scan# 1043  
 Delta R.T. -0.02 min  
 Lab File: BG016487.D  
 Acq: 17 Apr 2015 12:50

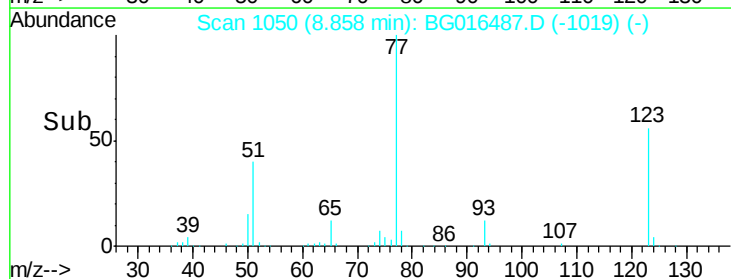
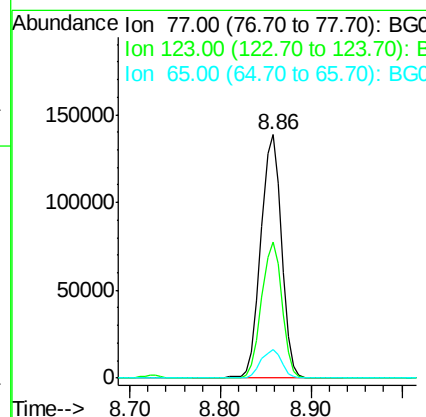
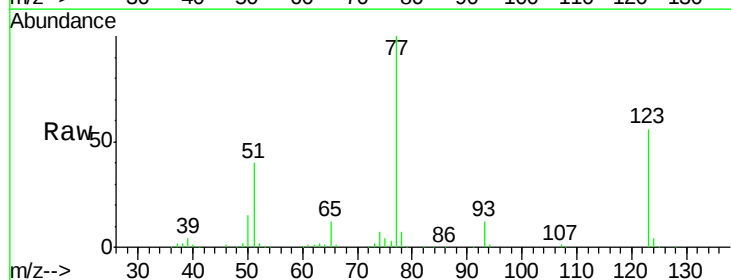
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

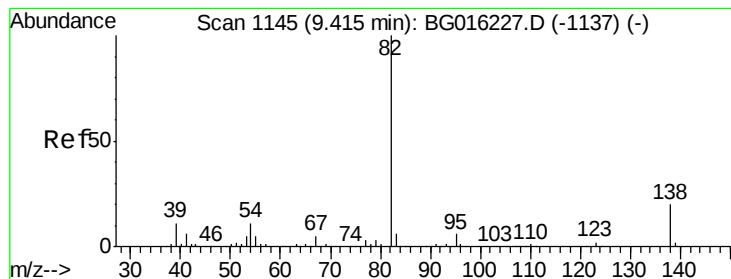
Tgt Ion: 82 Resp: 422190  
 Ion Ratio Lower Upper  
 82 100  
 128 54.5 37.8 56.8  
 54 39.8 32.6 49.0



#24  
 Nitrobenzene  
 Concen: 37.17 ng  
 RT: 8.86 min Scan# 1050  
 Delta R.T. -0.02 min  
 Lab File: BG016487.D  
 Acq: 17 Apr 2015 12:50

Tgt Ion: 77 Resp: 220320  
 Ion Ratio Lower Upper  
 77 100  
 123 55.9 38.8 58.2  
 65 11.9 9.4 14.2





#25

Isophorone

Concen: 36.05 ng

RT: 9.37 min Scan# 1138

Delta R.T. -0.02 min

Lab File: BG016487.D

Acq: 17 Apr 2015 12:50

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

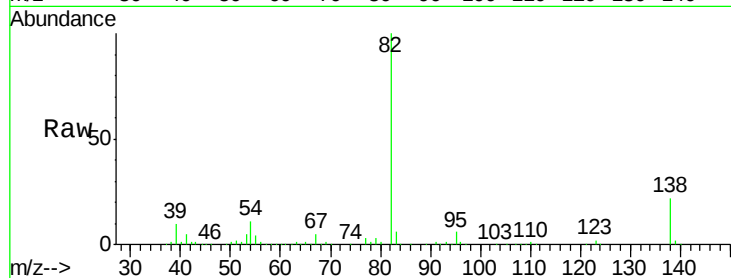
Tgt Ion: 82 Resp: 443630

Ion Ratio Lower Upper

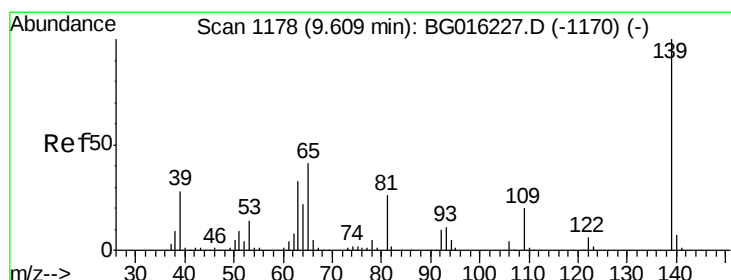
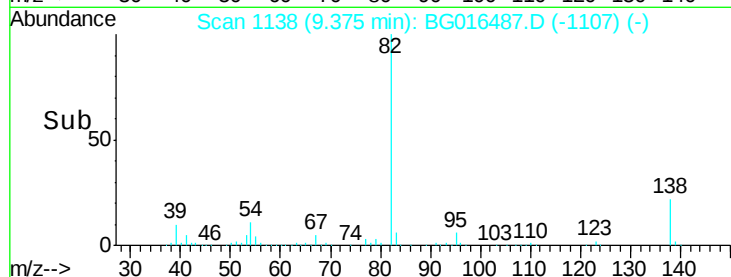
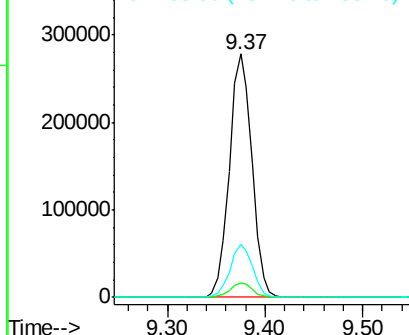
82 100

95 6.1 5.0 7.6

138 21.6 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: 47.78 ng

RT: 9.56 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BG016487.D

Acq: 17 Apr 2015 12:50

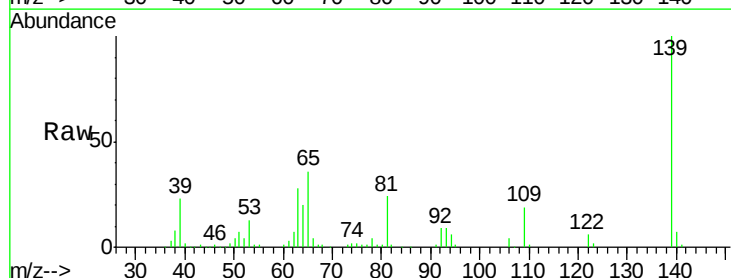
Tgt Ion: 139 Resp: 132054

Ion Ratio Lower Upper

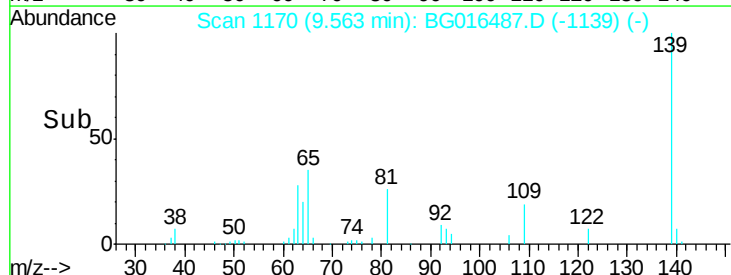
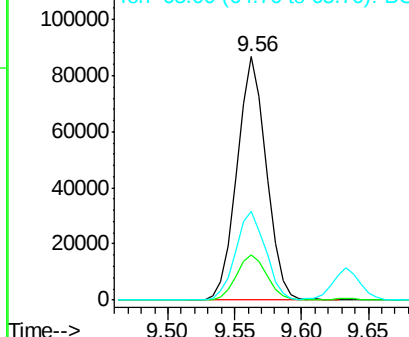
139 100

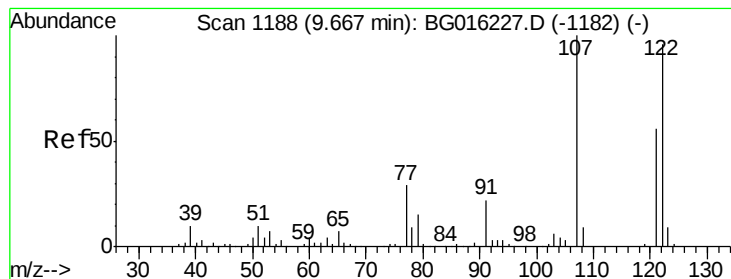
109 18.8 15.9 23.9

65 36.5 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: 41.75 ng

RT: 9.63 min Scan# 1182

Delta R.T. -0.02 min

Lab File: BG016487.D

Acq: 17 Apr 2015 12:50

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

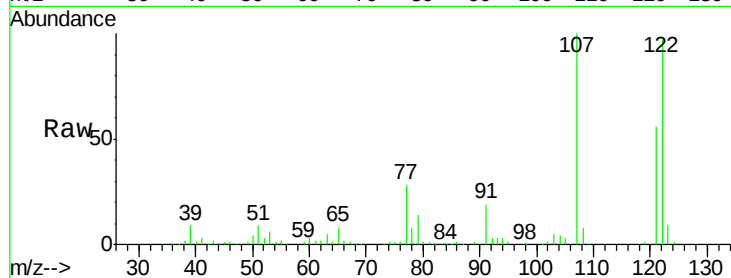
Tgt Ion:122 Resp: 214948

Ion Ratio Lower Upper

122 100

107 103.4 83.4 125.2

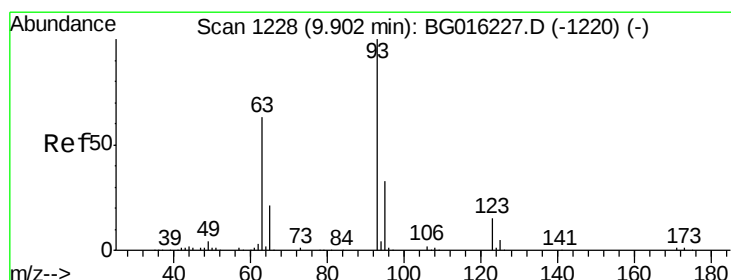
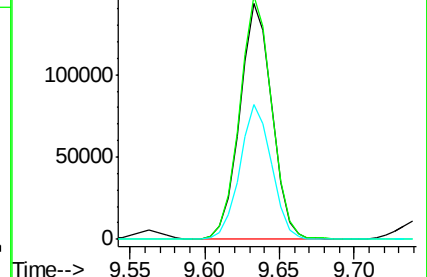
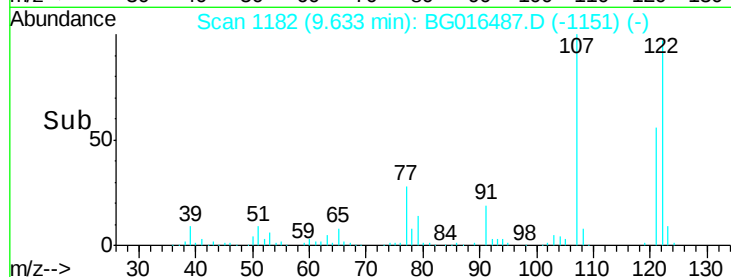
121 57.4 46.2 69.4



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: 37.10 ng

RT: 9.86 min Scan# 1221

Delta R.T. -0.02 min

Lab File: BG016487.D

Acq: 17 Apr 2015 12:50

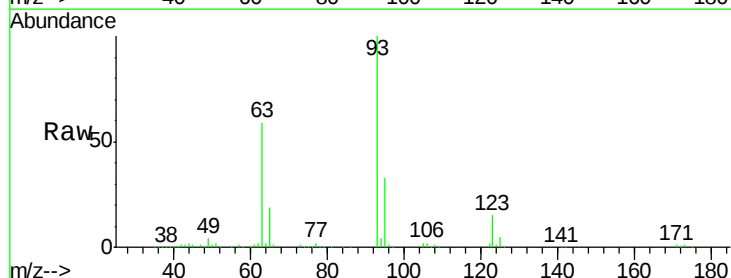
Tgt Ion: 93 Resp: 260606

Ion Ratio Lower Upper

93 100

95 32.8 26.1 39.1

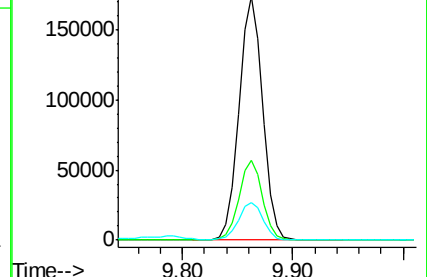
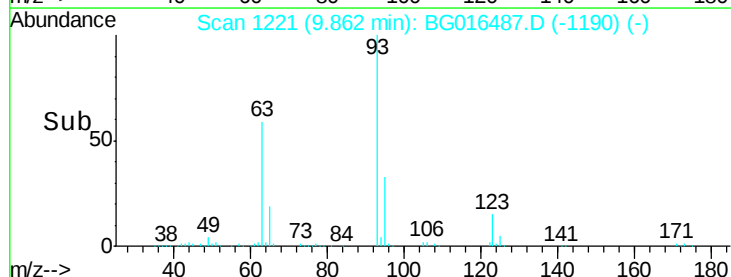
123 15.3 11.8 17.8

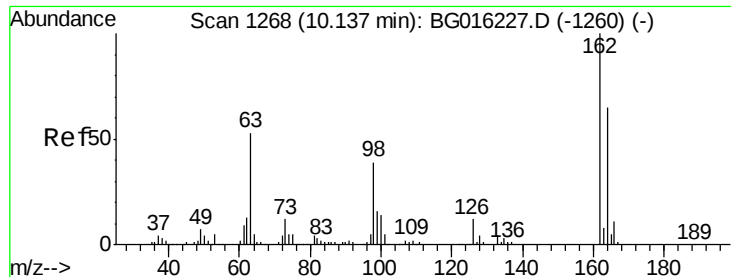


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

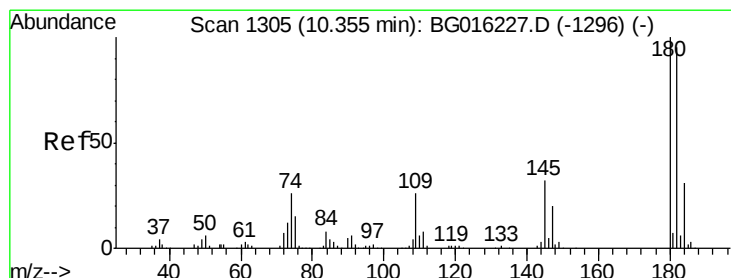
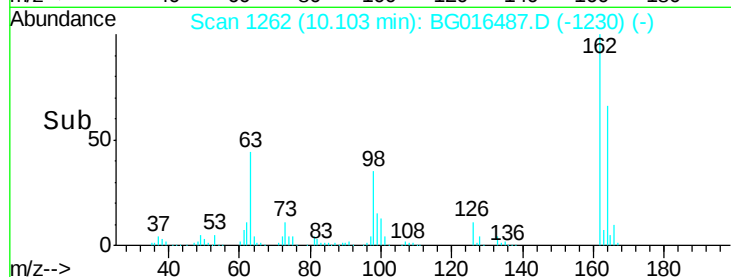
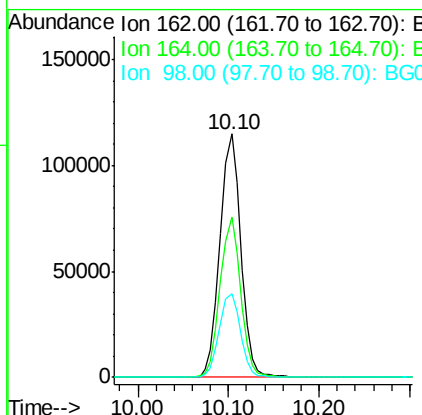
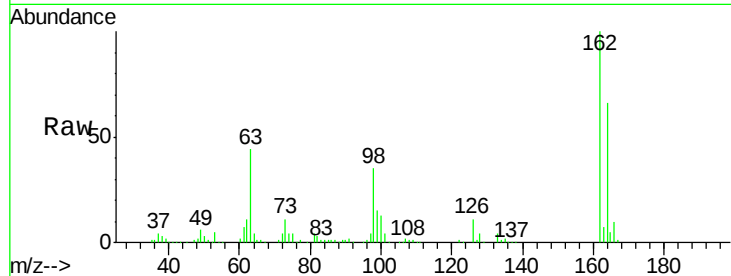




#29  
 2,4-Dichlorophenol  
 Concen: 45.18 ng  
 RT: 10.10 min Scan# 1262  
 Delta R.T. -0.01 min  
 Lab File: BG016487.D  
 Acq: 17 Apr 2015 12:50

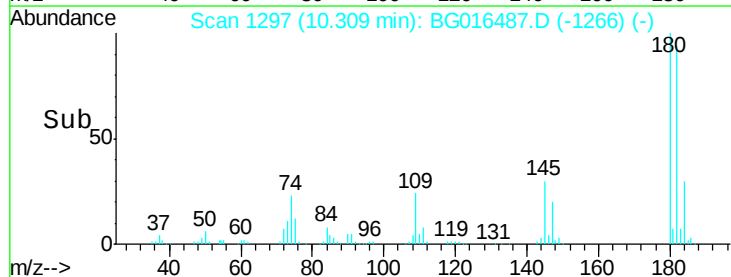
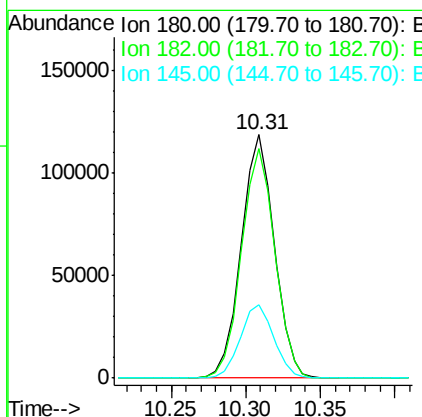
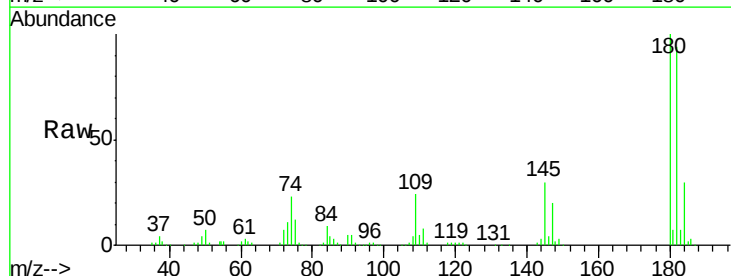
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

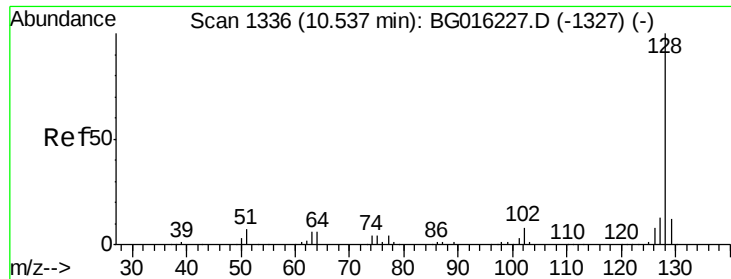
Tgt Ion:162 Resp: 184041  
 Ion Ratio Lower Upper  
 162 100  
 164 65.7 45.0 85.0  
 98 34.6 19.1 59.1



#30  
 1,2,4-Trichlorobenzene  
 Concen: 42.67 ng  
 RT: 10.31 min Scan# 1297  
 Delta R.T. -0.02 min  
 Lab File: BG016487.D  
 Acq: 17 Apr 2015 12:50

Tgt Ion:180 Resp: 181445  
 Ion Ratio Lower Upper  
 180 100  
 182 94.4 76.3 114.5  
 145 30.1 25.2 37.8

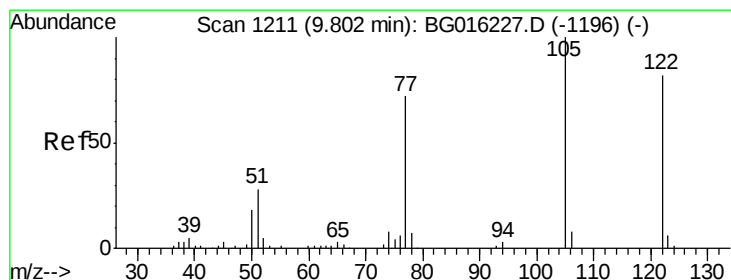
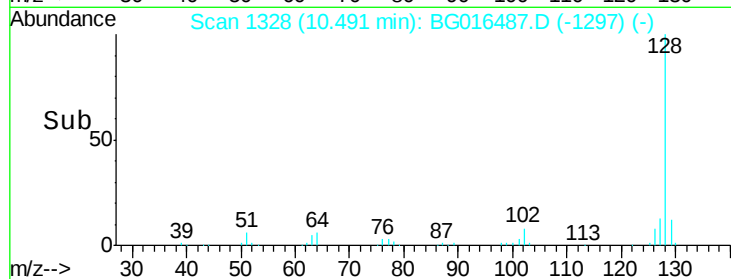
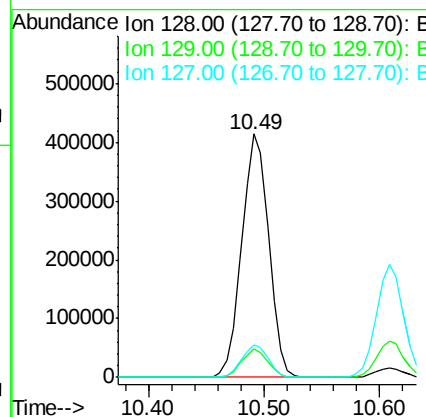
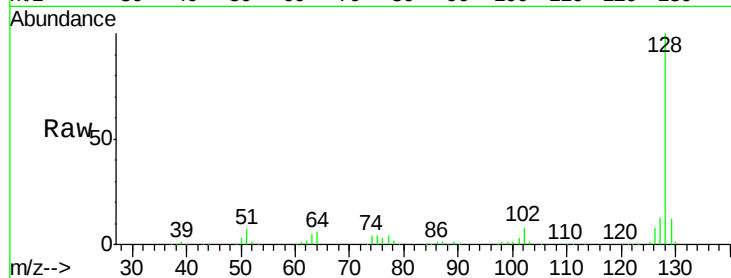




#31  
Naphthalene  
Concen: 39.85 ng  
RT: 10.49 min Scan# 1328  
Delta R.T. -0.02 min  
Lab File: BG016487.D  
Acq: 17 Apr 2015 12:50

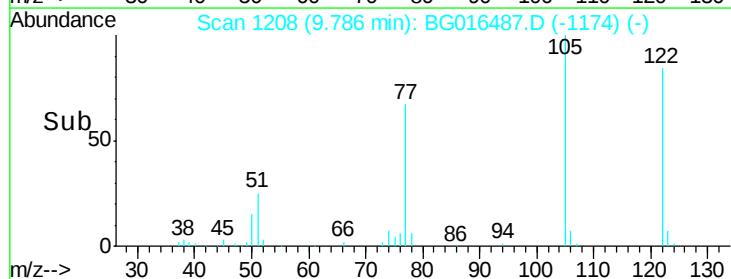
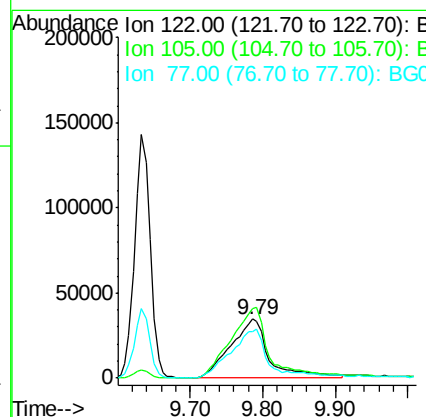
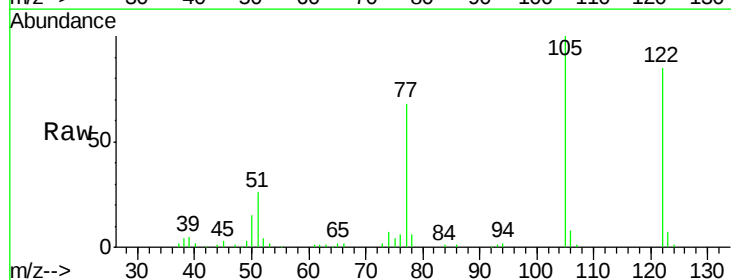
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

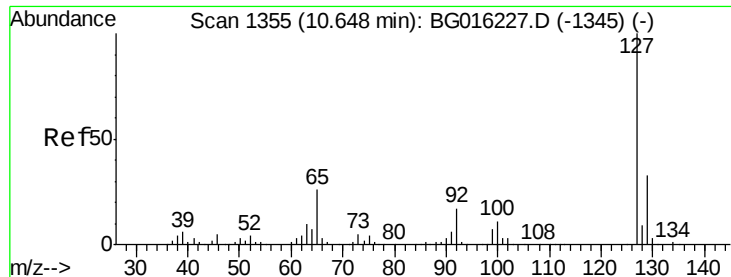
Tgt Ion:128 Resp: 666637  
Ion Ratio Lower Upper  
128 100  
129 11.6 9.2 13.8  
127 13.4 10.6 16.0



#32  
Benzoic acid  
Concen: 39.30 ng  
RT: 9.79 min Scan# 1208  
Delta R.T. -0.00 min  
Lab File: BG016487.D  
Acq: 17 Apr 2015 12:50

Tgt Ion:122 Resp: 125472  
Ion Ratio Lower Upper  
122 100  
105 118.0 99.7 139.7  
77 80.0 66.8 106.8

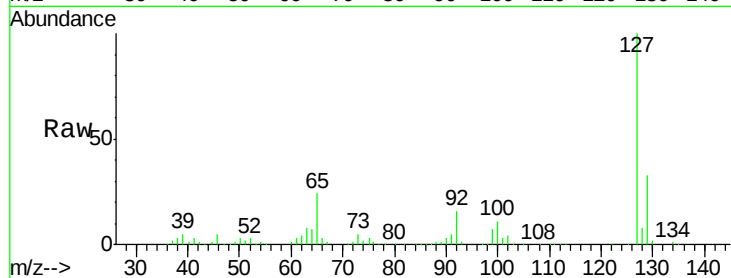




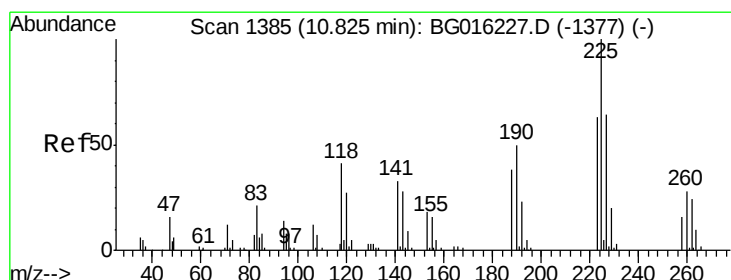
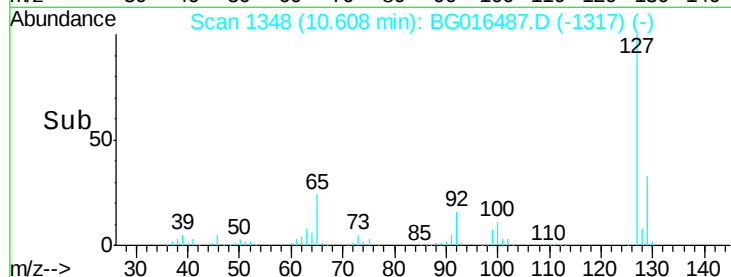
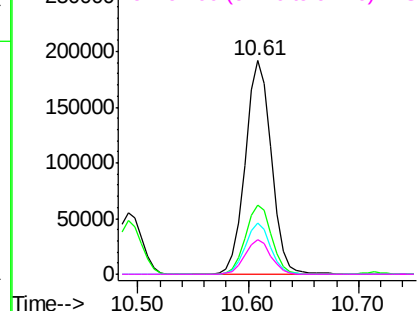
#33  
 4-Chloroaniline  
 Concen: 40.48 ng  
 RT: 10.61 min Scan# 1348  
 Delta R.T. -0.02 min  
 Lab File: BG016487.D  
 Acq: 17 Apr 2015 12:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 317735 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.5  | 26.1  | 39.1   |
| 65       | 23.9  | 21.2  | 31.8   |
| 92       | 16.2  | 13.8  | 20.6   |

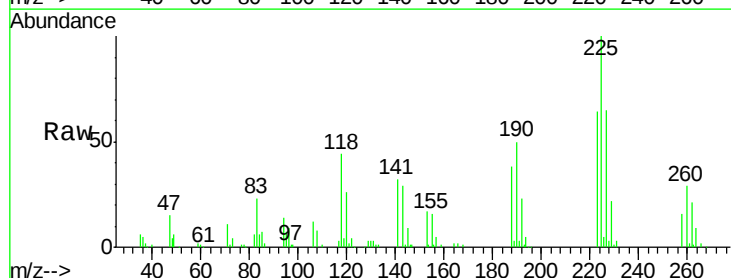


Abundance Ion 127.00 (126.70 to 127.70): E  
 Ion 129.00 (128.70 to 129.70): E  
 Ion 65.00 (64.70 to 65.70): BG  
 Ion 92.00 (91.70 to 92.70): BG

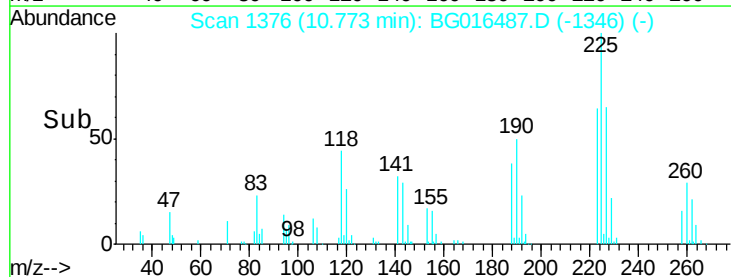
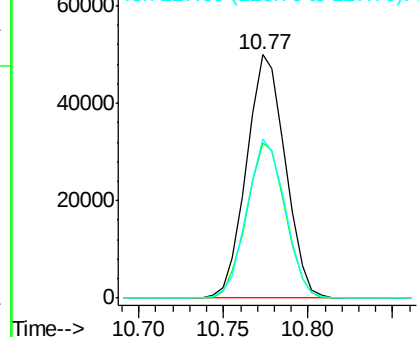


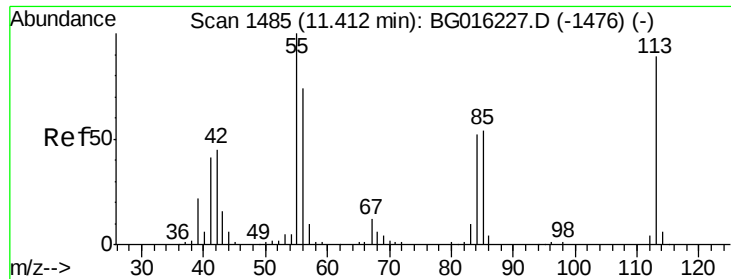
#34  
 Hexachlorobutadiene  
 Concen: 42.74 ng  
 RT: 10.77 min Scan# 1376  
 Delta R.T. -0.03 min  
 Lab File: BG016487.D  
 Acq: 17 Apr 2015 12:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 79848 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.9  | 50.4  | 75.6  |
| 227      | 65.2  | 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

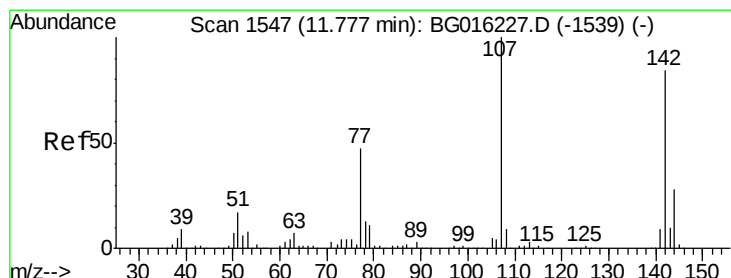
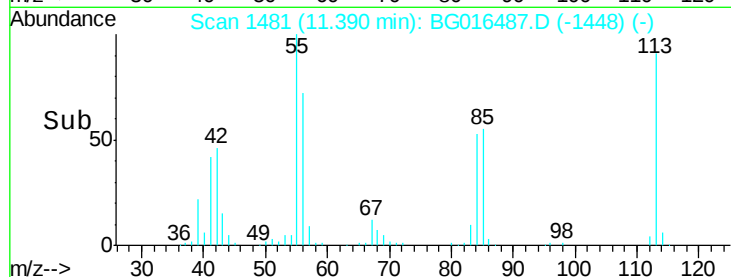
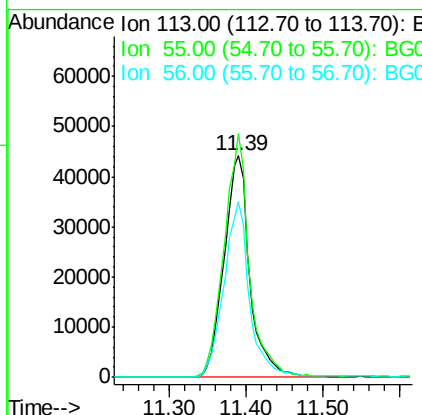
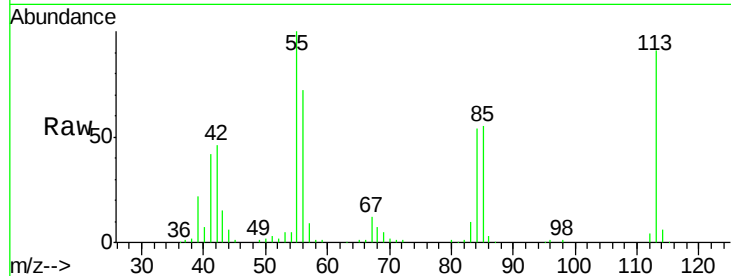




#35  
 Caprolactam  
 Concen: 40.32 ng  
 RT: 11.39 min Scan# 1481  
 Delta R.T. -0.01 min  
 Lab File: BG016487.D  
 Acq: 17 Apr 2015 12:50

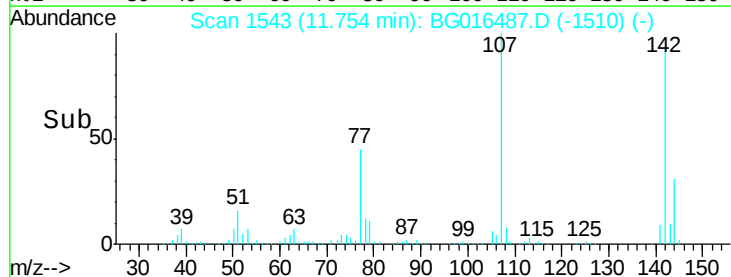
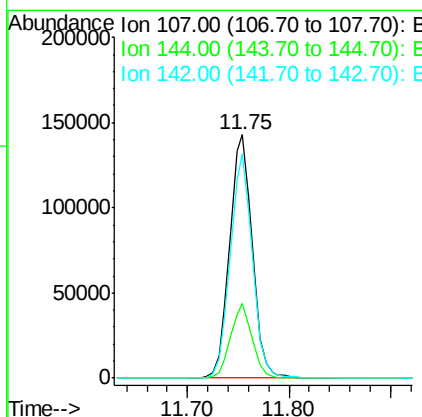
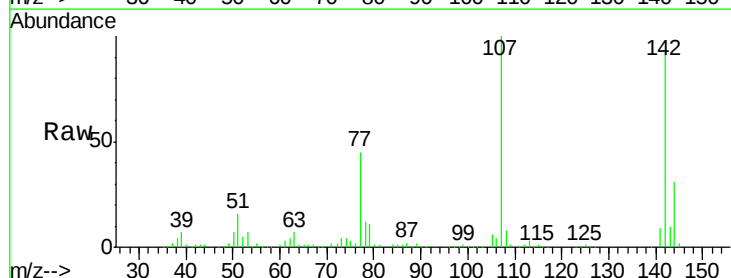
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

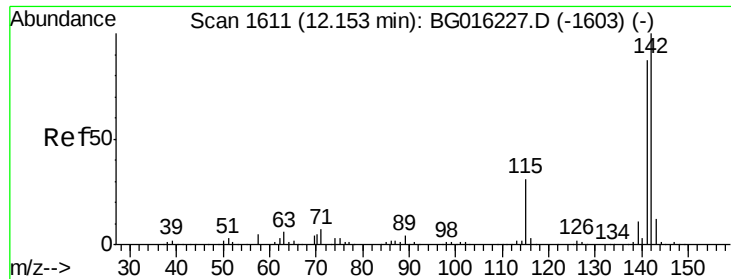
Tgt Ion:113 Resp: 103404  
 Ion Ratio Lower Upper  
 113 100  
 55 109.8 92.4 132.4  
 56 79.4 63.2 103.2



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.14 ng  
 RT: 11.75 min Scan# 1543  
 Delta R.T. -0.01 min  
 Lab File: BG016487.D  
 Acq: 17 Apr 2015 12:50

Tgt Ion:107 Resp: 221353  
 Ion Ratio Lower Upper  
 107 100  
 144 30.6 22.0 33.0  
 142 92.3 67.0 100.6

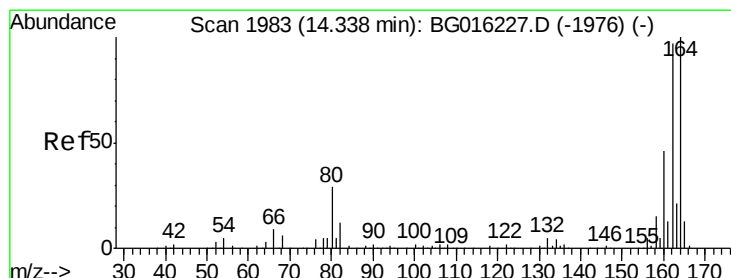
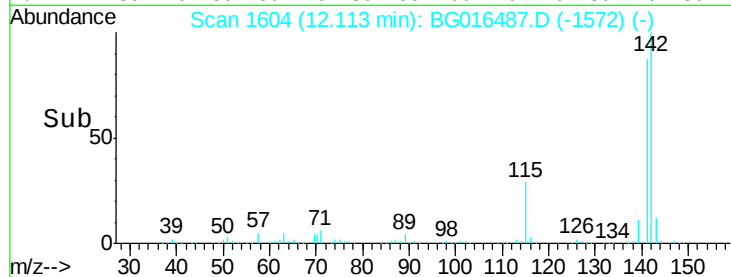
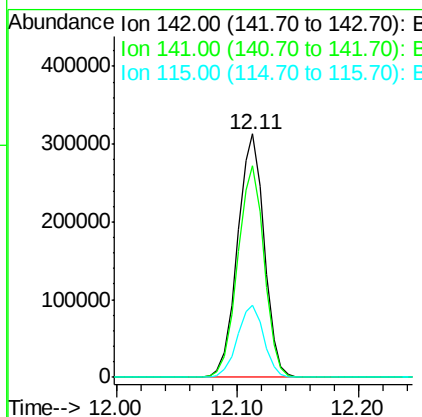
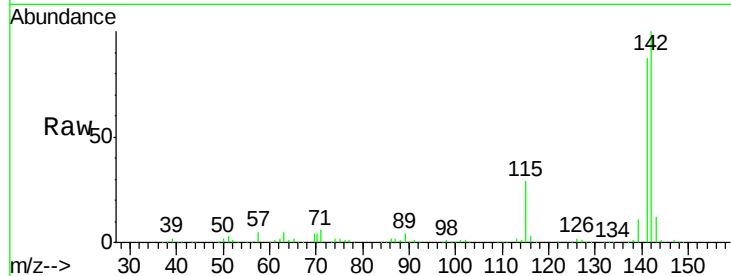




#37  
 2-Methylnaphthalene  
 Concen: 40.03 ng  
 RT: 12.11 min Scan# 1604  
 Delta R.T. -0.01 min  
 Lab File: BG016487.D  
 Acq: 17 Apr 2015 12:50

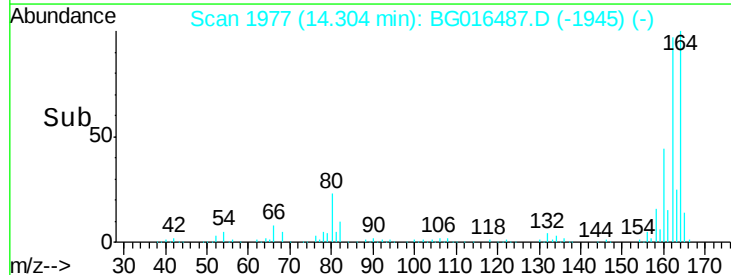
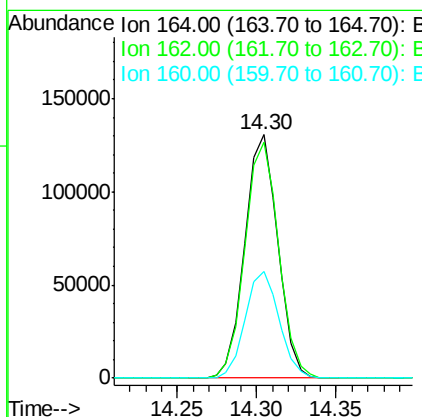
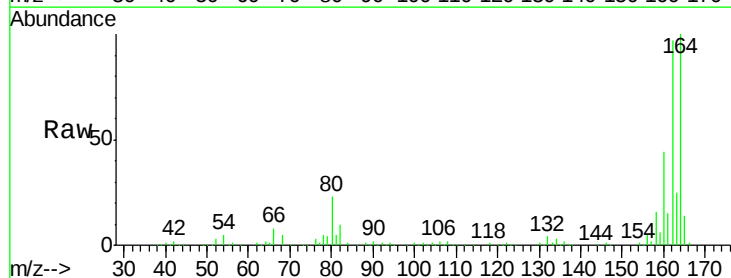
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

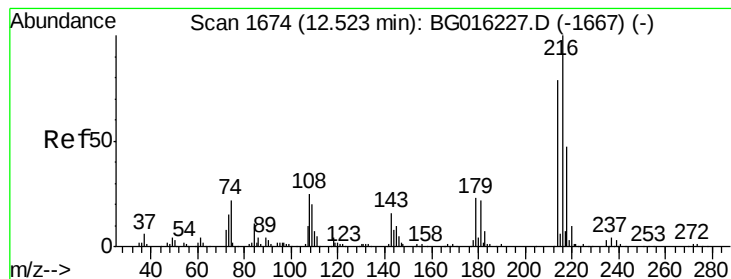
Tgt Ion:142 Resp: 481685  
 Ion Ratio Lower Upper  
 142 100  
 141 86.8 69.3 103.9  
 115 29.5 25.0 37.6



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.30 min Scan# 1977  
 Delta R.T. -0.01 min  
 Lab File: BG016487.D  
 Acq: 17 Apr 2015 12:50

Tgt Ion:164 Resp: 188897  
 Ion Ratio Lower Upper  
 164 100  
 162 96.9 77.3 115.9  
 160 43.6 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.16 ng

RT: 12.48 min Scan# 1667

Delta R.T. -0.02 min

Lab File: BG016487.D

Acq: 17 Apr 2015 12:50

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 175342

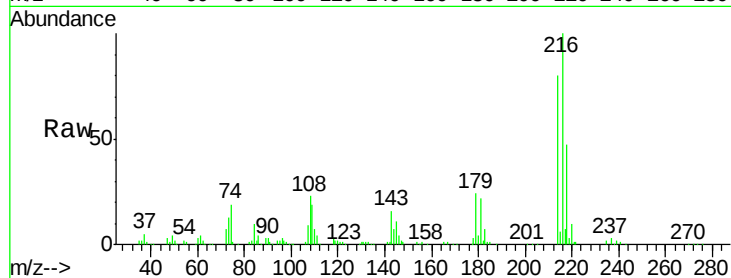
Ion Ratio Lower Upper

216 100

214 79.8 63.4 95.0

179 22.4 18.2 27.2

108 23.4 21.2 31.8

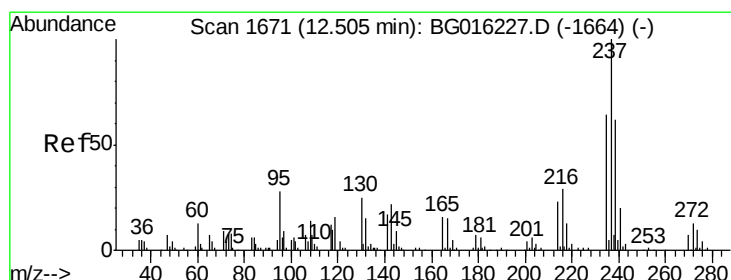
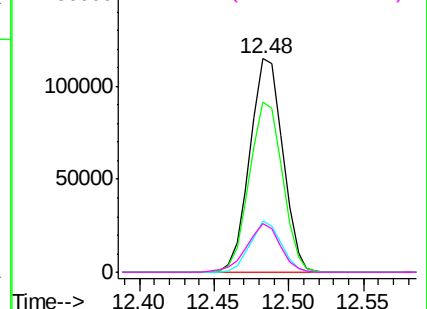
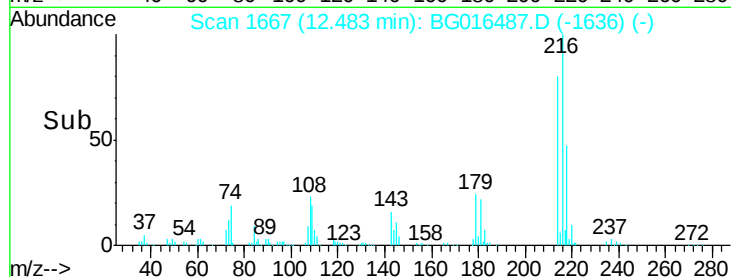


Abundance Ion 216.00 (215.70 to 216.70): E

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: 35.00 ng

RT: 12.46 min Scan# 1663

Delta R.T. -0.02 min

Lab File: BG016487.D

Acq: 17 Apr 2015 12:50

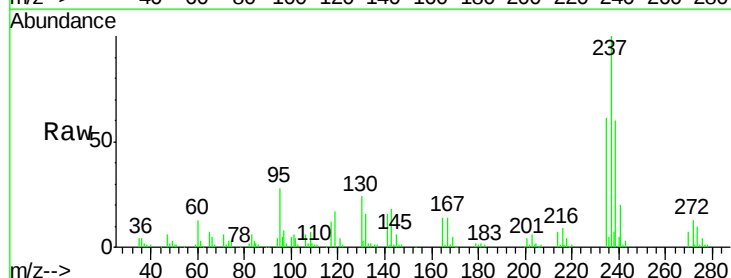
Tgt Ion:237 Resp: 66626

Ion Ratio Lower Upper

237 100

235 61.1 43.9 83.9

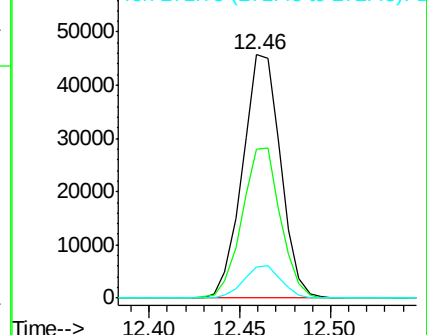
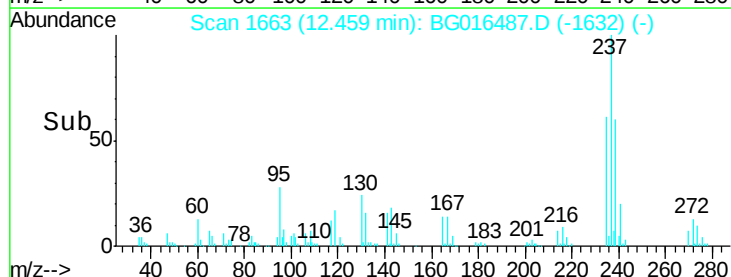
272 12.8 0.0 33.1

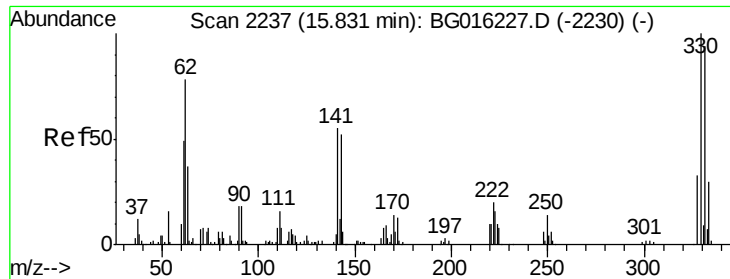


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

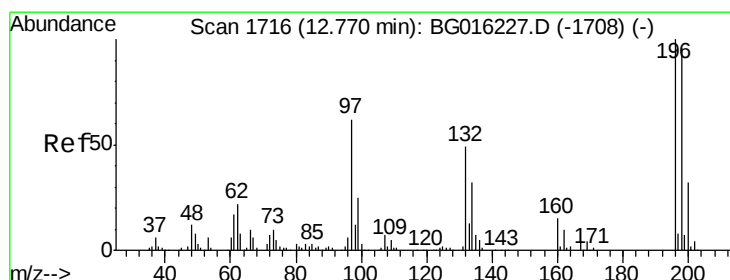
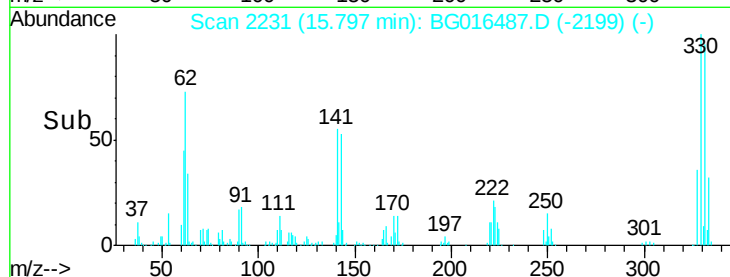
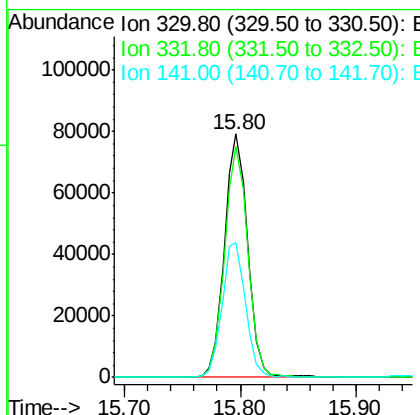
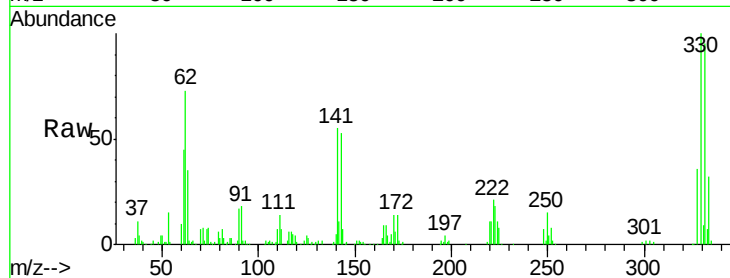




#41  
 2,4,6-Tribromophenol  
 Concen: 86.26 ng  
 RT: 15.80 min Scan# 2231  
 Delta R.T. -0.01 min  
 Lab File: BG016487.D  
 Acq: 17 Apr 2015 12:50

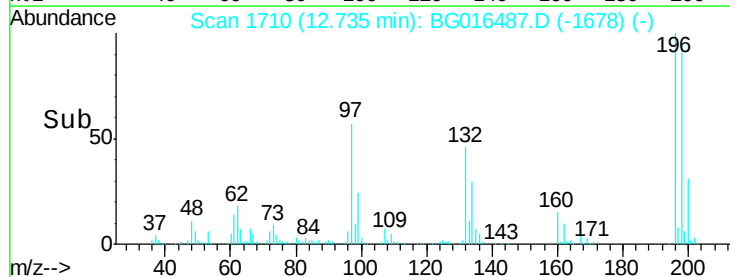
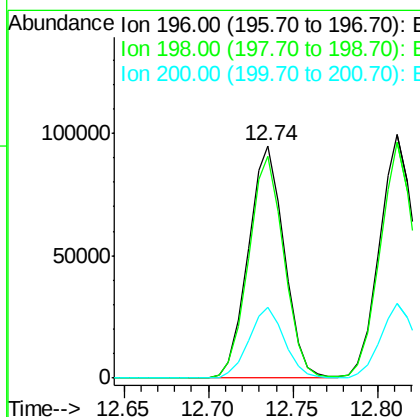
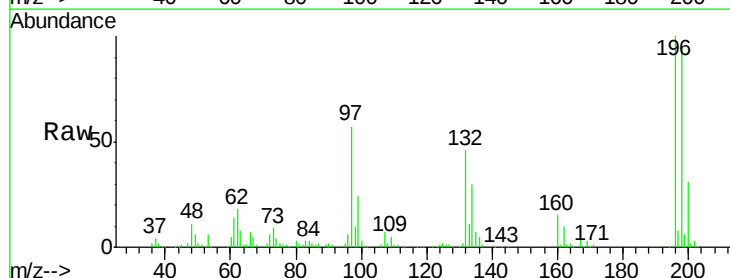
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

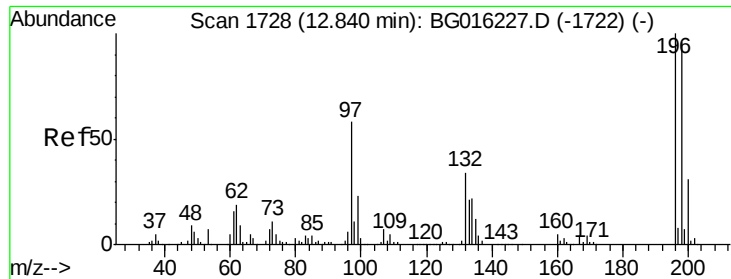
Tgt Ion:330 Resp: 110194  
 Ion Ratio Lower Upper  
 330 100  
 332 94.9 75.8 113.6  
 141 55.6 46.6 69.8



#42  
 2,4,6-Trichlorophenol  
 Concen: 45.30 ng  
 RT: 12.74 min Scan# 1710  
 Delta R.T. -0.01 min  
 Lab File: BG016487.D  
 Acq: 17 Apr 2015 12:50

Tgt Ion:196 Resp: 139998  
 Ion Ratio Lower Upper  
 196 100  
 198 95.4 77.2 115.8  
 200 30.6 25.3 37.9

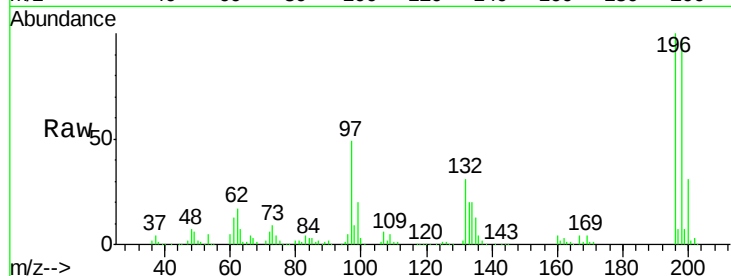




#43  
 2,4,5-Trichlorophenol  
 Concen: 45.14 ng  
 RT: 12.81 min Scan# 1723  
 Delta R.T. -0.01 min  
 Lab File: BG016487.D  
 Acq: 17 Apr 2015 12:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 196     | 149052 |       |       |
| 198     | 96.8   | 77.1  | 115.7 |
| 97      | 49.0   | 46.6  | 69.8  |
| 132     | 30.7   | 27.0  | 40.6  |



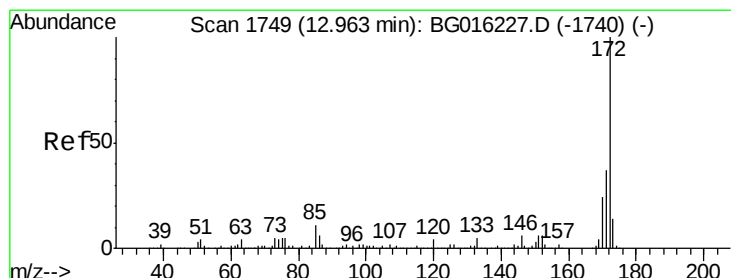
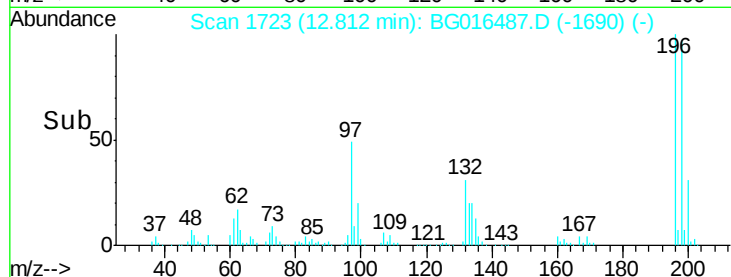
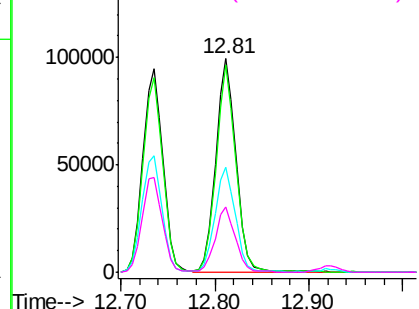
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

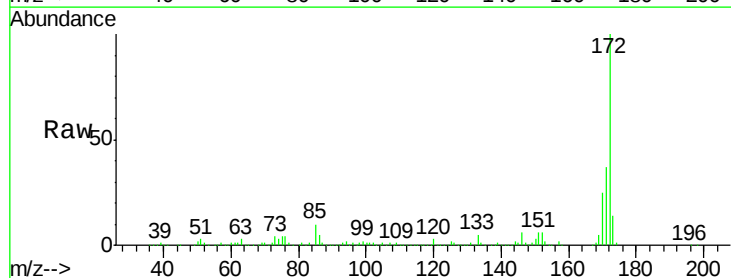
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 80.44 ng  
 RT: 12.92 min Scan# 1742  
 Delta R.T. -0.01 min  
 Lab File: BG016487.D  
 Acq: 17 Apr 2015 12:50

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 172     | 892472 |       |       |
| 171     | 37.5   | 29.6  | 44.4  |
| 170     | 24.5   | 19.4  | 29.2  |

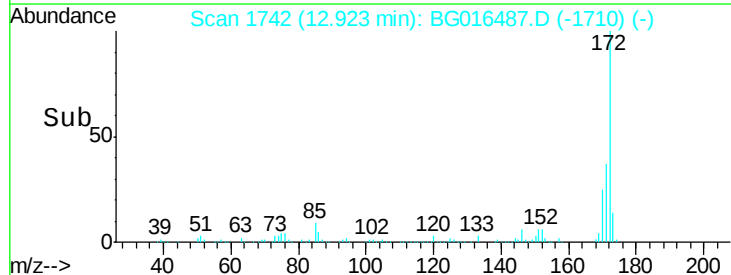
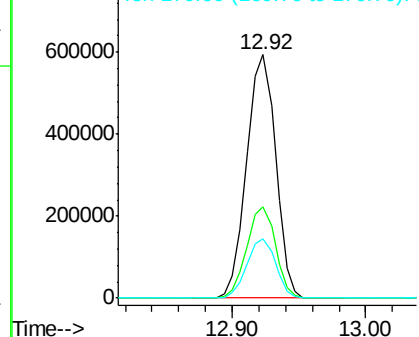


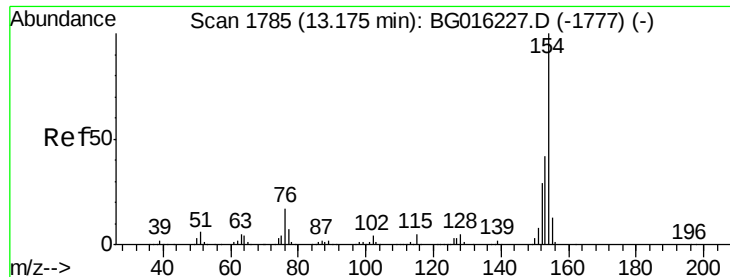
Abundance

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

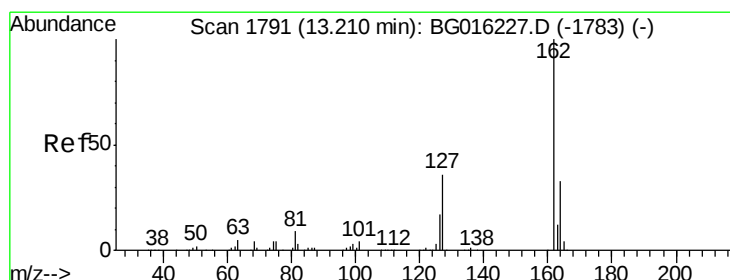
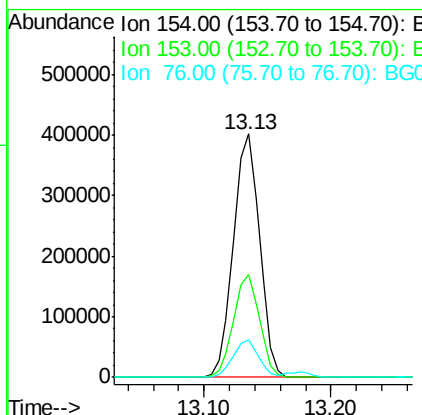
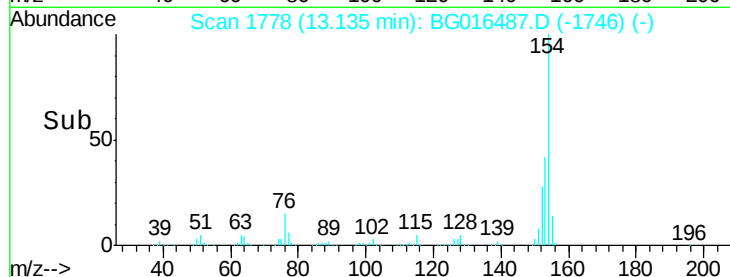
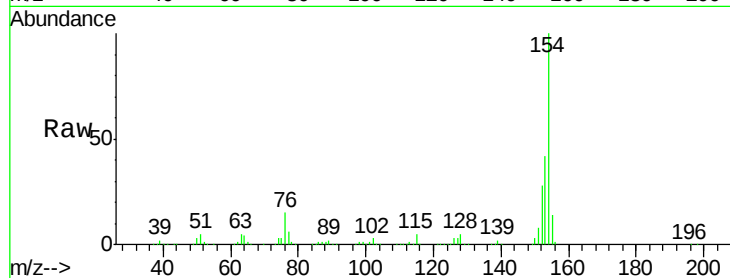




#45  
 1,1'-Biphenyl  
 Concen: 39.47 ng  
 RT: 13.13 min Scan# 1778  
 Delta R.T. -0.01 min  
 Lab File: BG016487.D  
 Acq: 17 Apr 2015 12:50

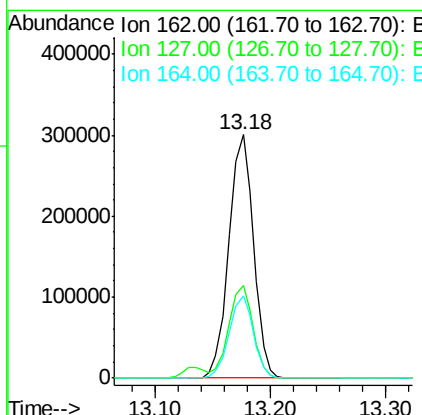
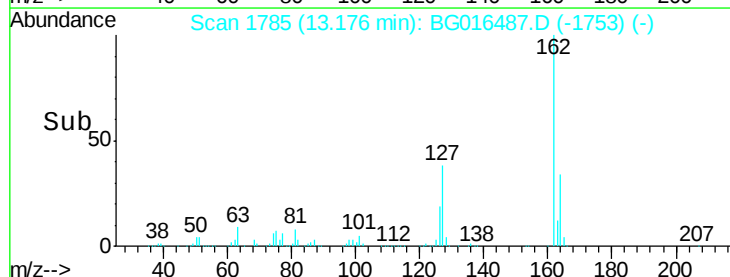
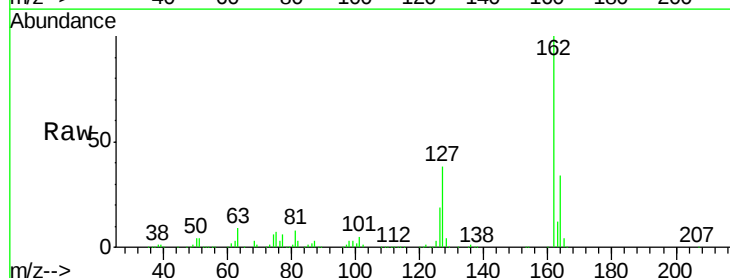
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

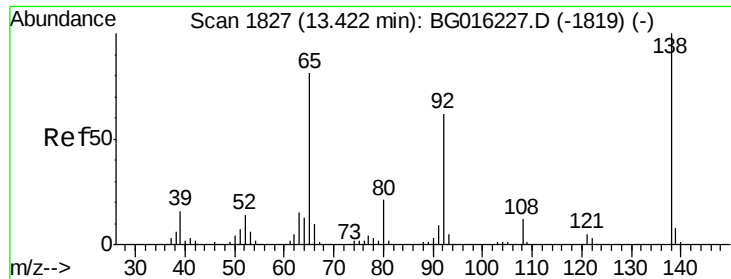
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.0  | 22.4  | 62.4  |
| 76      | 15.3  | 0.0   | 37.1  |



#46  
 2-Chloronaphthalene  
 Concen: 40.19 ng  
 RT: 13.18 min Scan# 1785  
 Delta R.T. -0.01 min  
 Lab File: BG016487.D  
 Acq: 17 Apr 2015 12:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 37.8  | 30.8  | 46.2  |
| 164     | 33.7  | 26.6  | 40.0  |

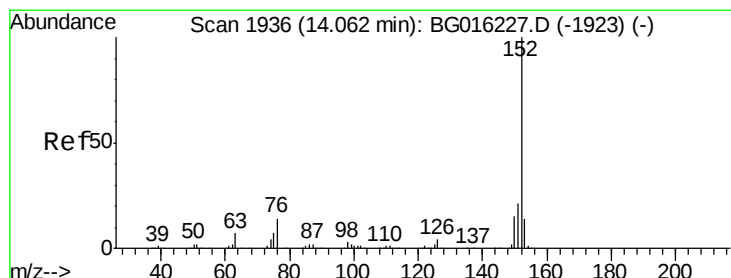
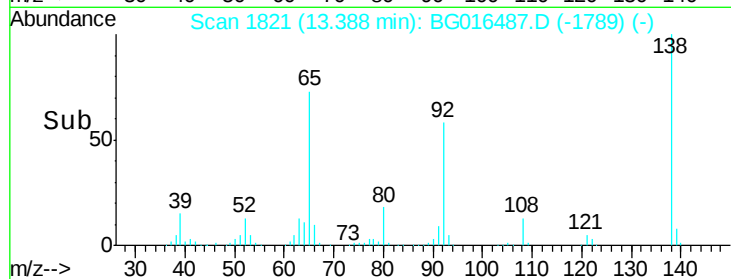
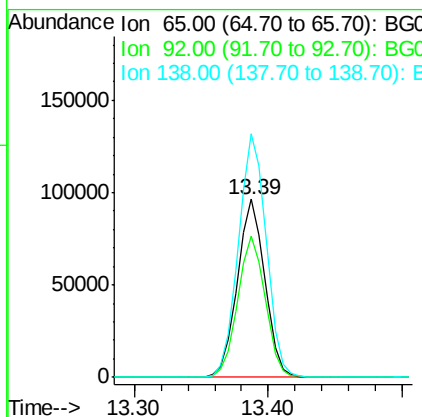
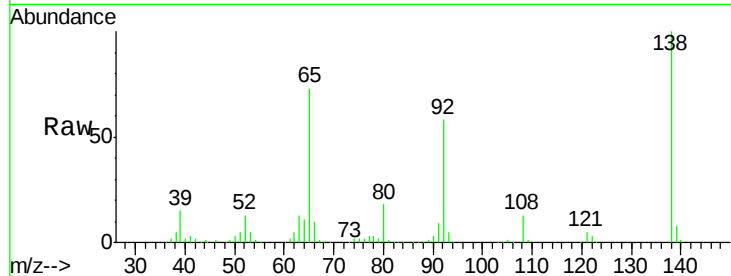




#47  
 2-Nitroaniline  
 Concen: 38.82 ng  
 RT: 13.39 min Scan# 1821  
 Delta R.T. -0.01 min  
 Lab File: BG016487.D  
 Acq: 17 Apr 2015 12:50

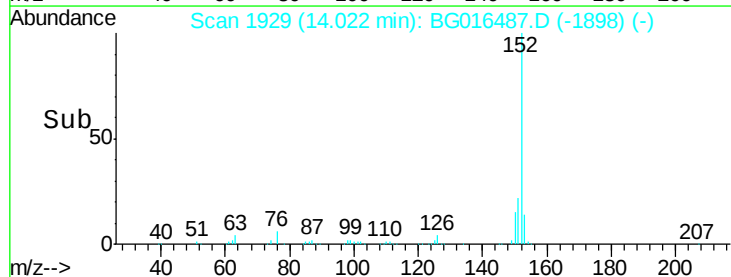
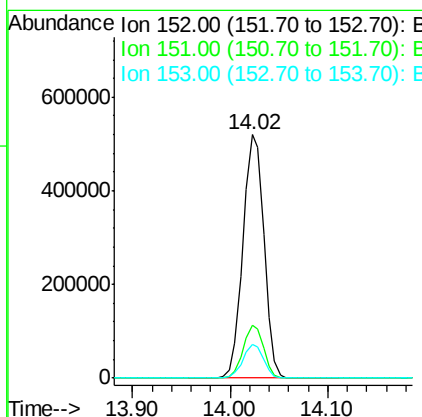
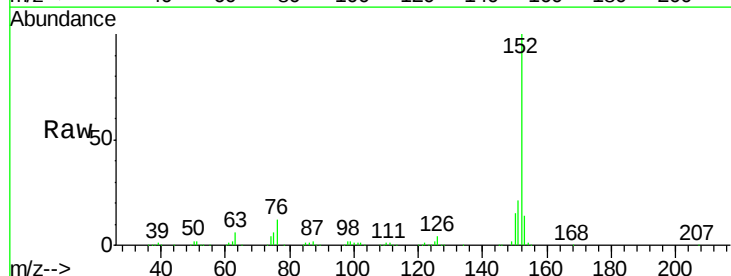
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

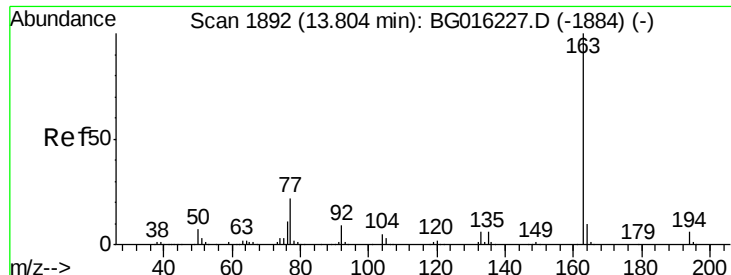
Tgt Ion: 65 Resp: 138104  
 Ion Ratio Lower Upper  
 65 100  
 92 79.5 61.0 91.6  
 138 136.9 98.7 148.1



#48  
 Acenaphthylene  
 Concen: 39.81 ng  
 RT: 14.02 min Scan# 1929  
 Delta R.T. -0.02 min  
 Lab File: BG016487.D  
 Acq: 17 Apr 2015 12:50

Tgt Ion: 152 Resp: 781345  
 Ion Ratio Lower Upper  
 152 100  
 151 21.5 16.5 24.7  
 153 13.7 11.1 16.7





#49

Dimethylphthalate

Concen: 39.19 ng

RT: 13.77 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BG016487.D

Acq: 17 Apr 2015 12:50

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

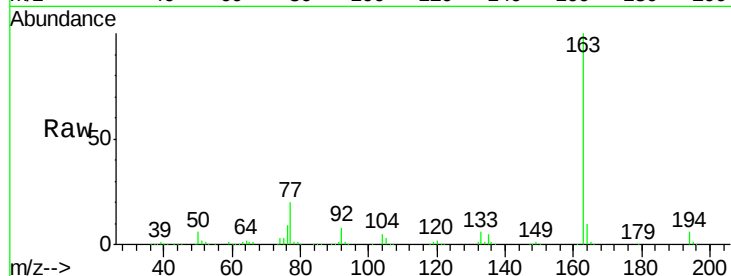
Tgt Ion:163 Resp: 542603

Ion Ratio Lower Upper

163 100

194 6.3 5.0 7.4

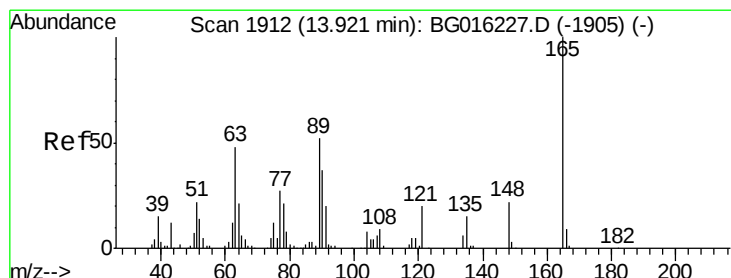
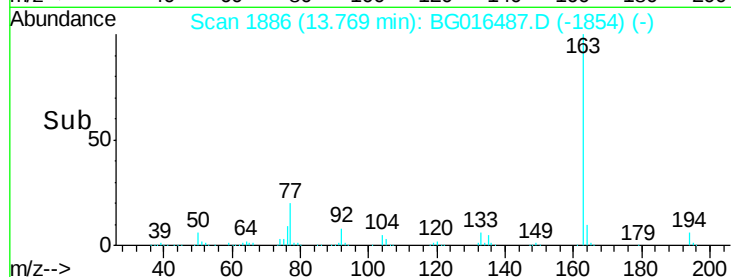
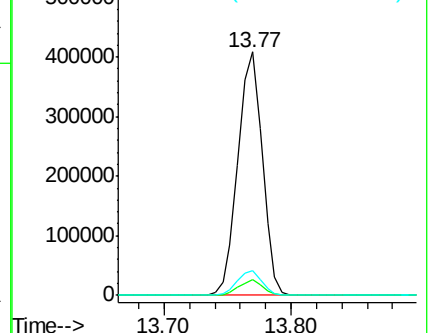
164 10.3 8.2 12.4



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: 41.67 ng

RT: 13.89 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BG016487.D

Acq: 17 Apr 2015 12:50

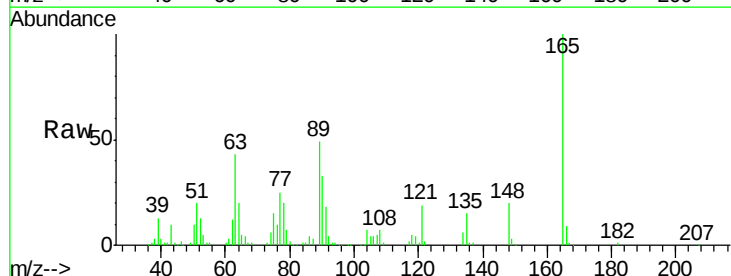
Tgt Ion:165 Resp: 139521

Ion Ratio Lower Upper

165 100

63 42.9 39.3 58.9

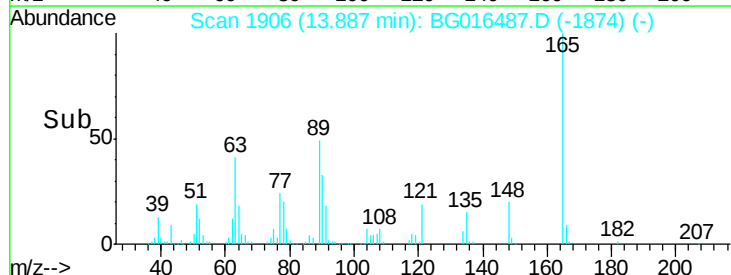
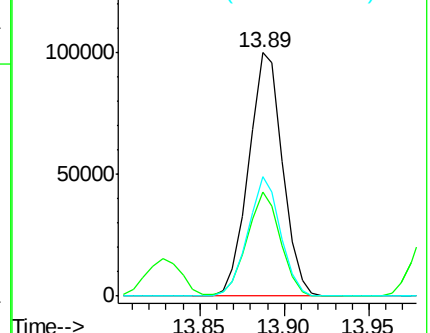
89 49.3 41.3 61.9

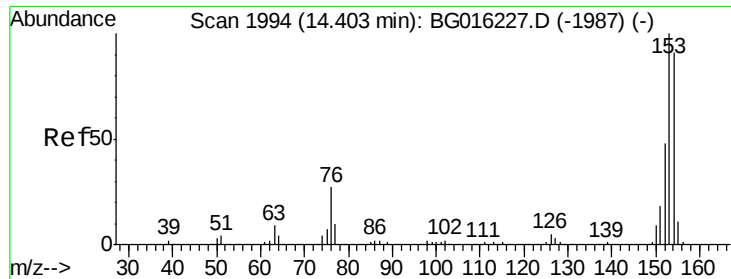


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 39.76 ng

RT: 14.37 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BG016487.D

Acq: 17 Apr 2015 12:50

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

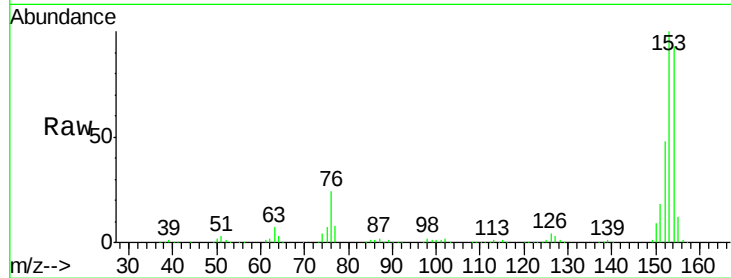
Tgt Ion:154 Resp: 466369

Ion Ratio Lower Upper

154 100

153 107.0 87.5 131.3

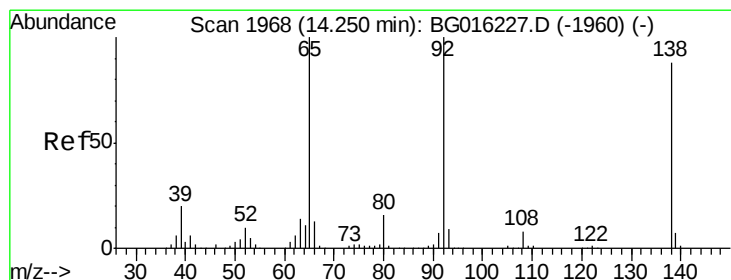
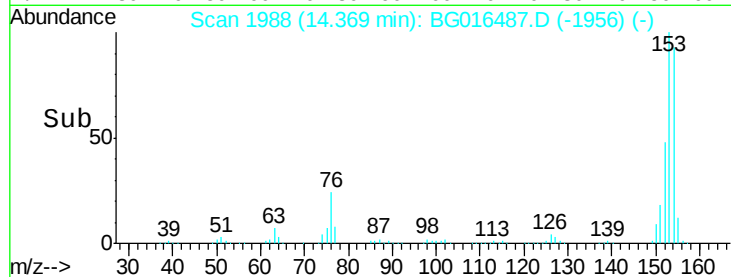
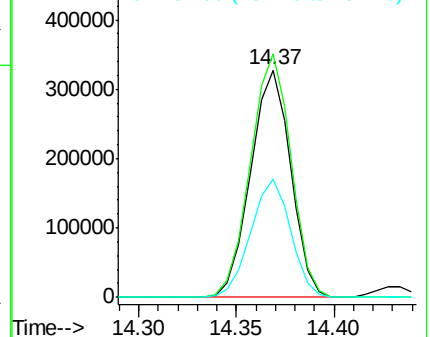
152 51.7 42.1 63.1



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: 40.18 ng

RT: 14.22 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG016487.D

Acq: 17 Apr 2015 12:50

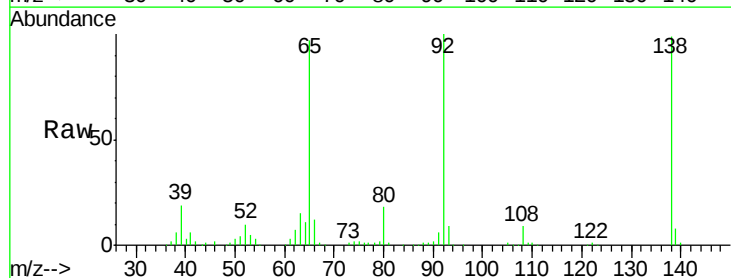
Tgt Ion:138 Resp: 171789

Ion Ratio Lower Upper

138 100

108 8.9 7.4 11.0

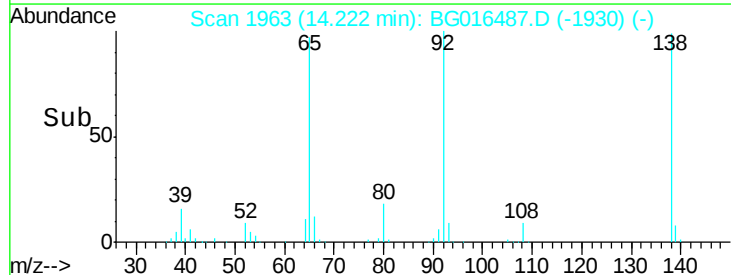
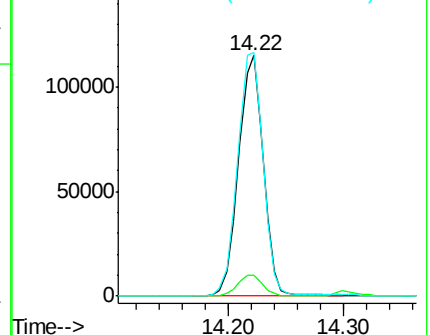
92 101.1 91.4 137.0

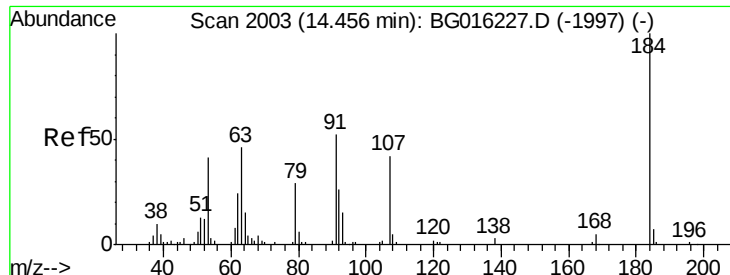


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 34.02 ng

RT: 14.43 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BG016487.D

Acq: 17 Apr 2015 12:50

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

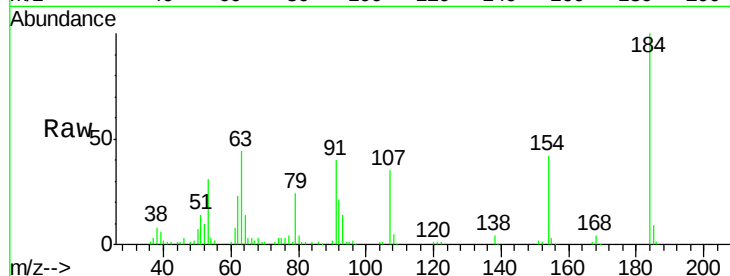
Tgt Ion:184 Resp: 55670

Ion Ratio Lower Upper

184 100

63 44.1 45.8 68.6#

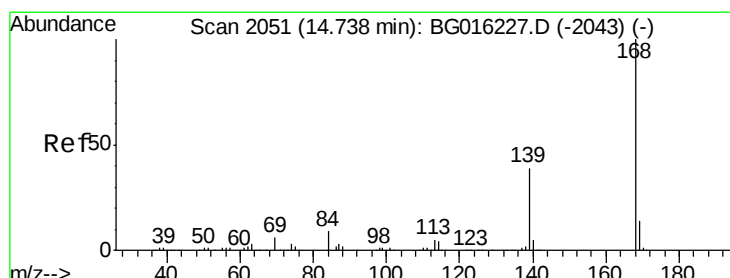
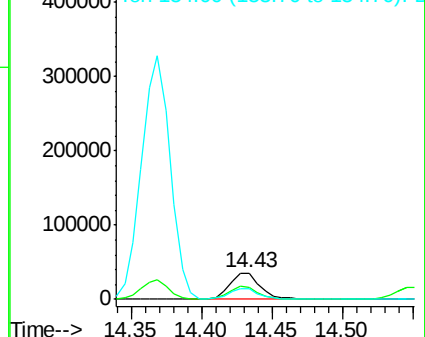
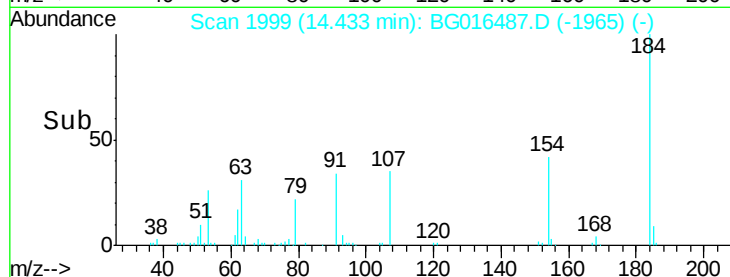
154 41.7 34.5 51.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG016487.D (-1965) (-)

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 39.67 ng

RT: 14.70 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BG016487.D

Acq: 17 Apr 2015 12:50

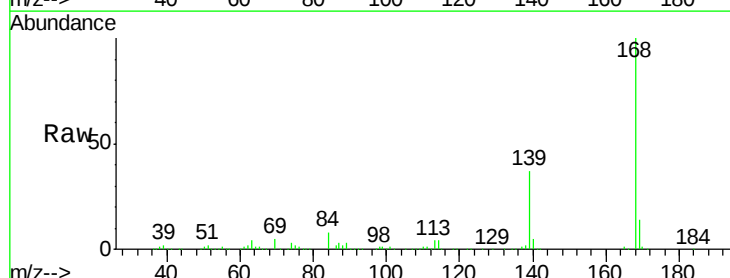
Tgt Ion:168 Resp: 645667

Ion Ratio Lower Upper

168 100

139 37.1 31.0 46.6

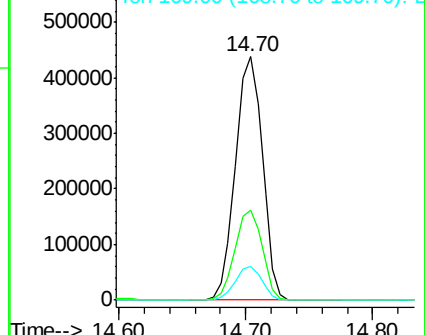
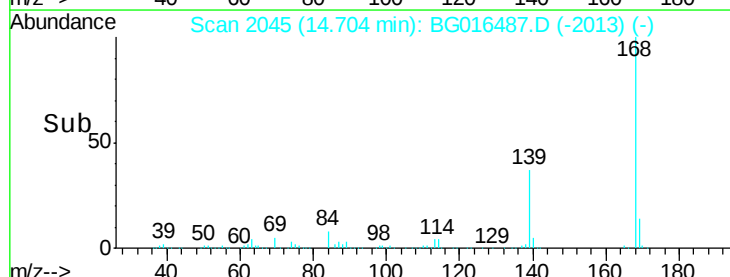
169 13.8 11.2 16.8

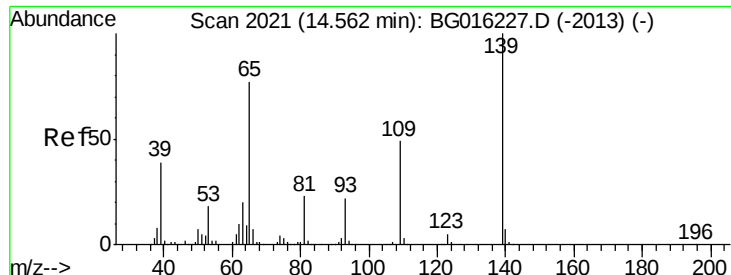


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

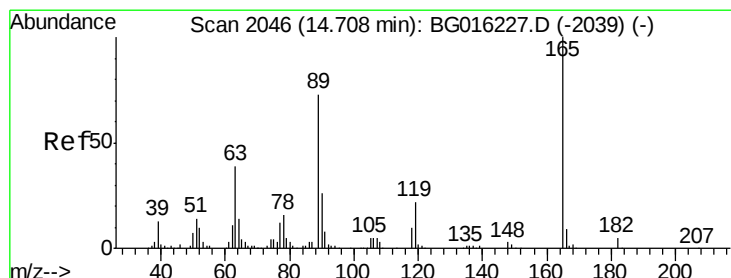
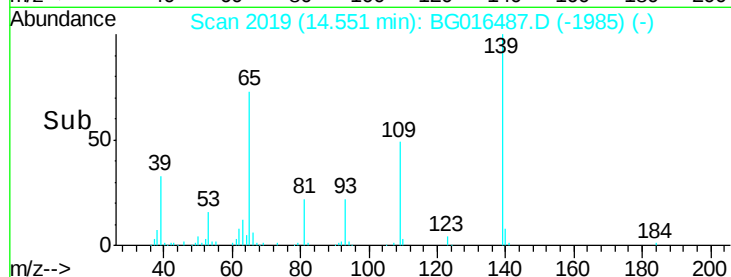
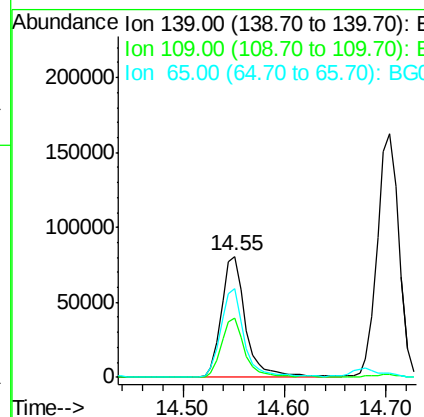
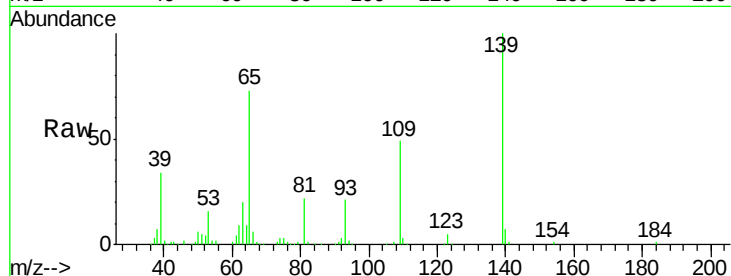




#55  
4-Nitrophenol  
Concen: 38.31 ng  
RT: 14.55 min Scan# 2019  
Delta R.T. -0.00 min  
Lab File: BG016487.D  
Acq: 17 Apr 2015 12:50

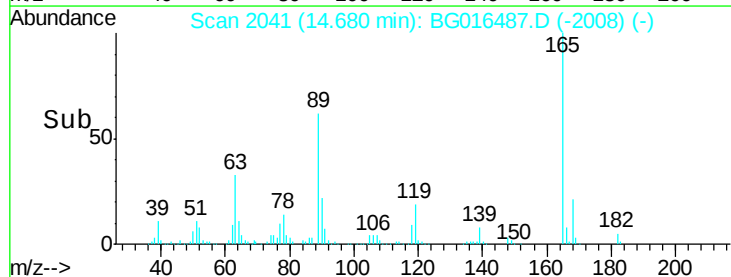
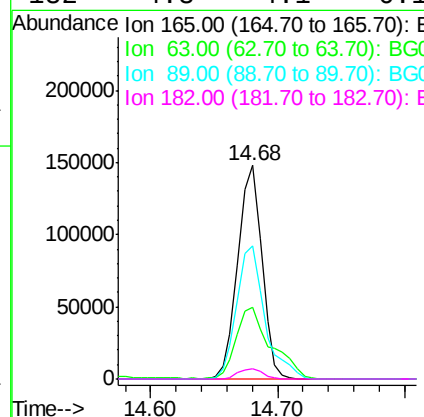
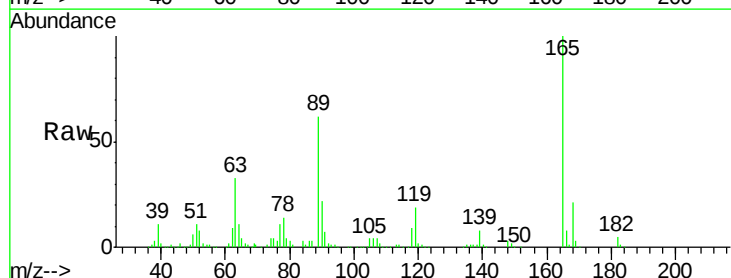
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

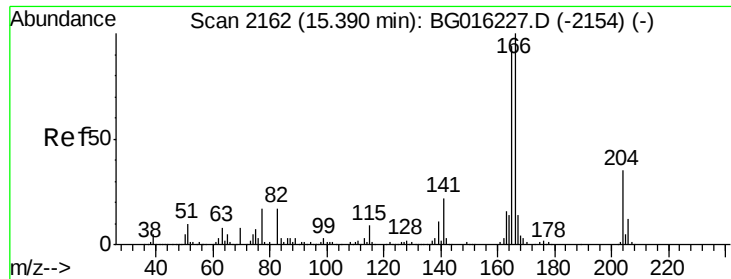
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 48.6  | 28.5  | 68.5  |
| 65      | 72.7  | 56.9  | 96.9  |



#56  
2,4-Dinitrotoluene  
Concen: 42.56 ng  
RT: 14.68 min Scan# 2041  
Delta R.T. -0.01 min  
Lab File: BG016487.D  
Acq: 17 Apr 2015 12:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 33.5  | 31.4  | 47.2  |
| 89      | 62.4  | 58.8  | 88.2  |
| 182     | 4.8   | 4.1   | 6.1   |

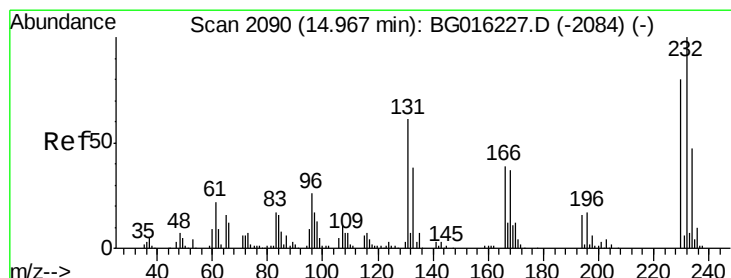
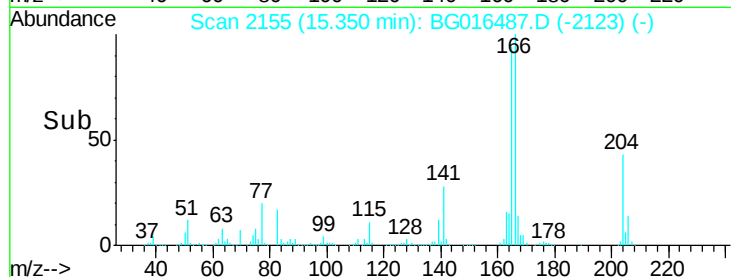
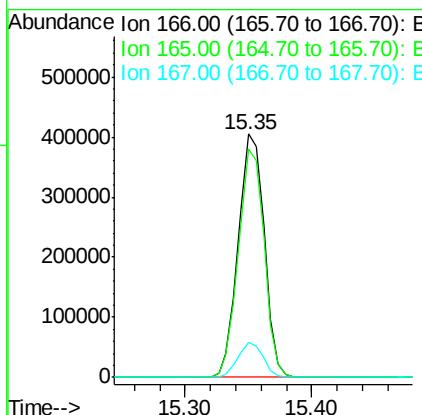
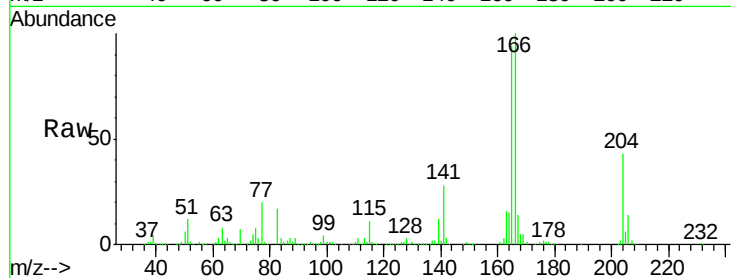




#57  
**Fluorene**  
 Concen: 39.88 ng  
 RT: 15.35 min Scan# 2155  
 Delta R.T. -0.01 min  
 Lab File: BG016487.D  
 Acq: 17 Apr 2015 12:50

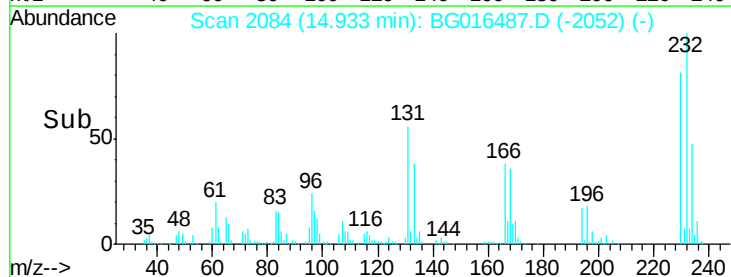
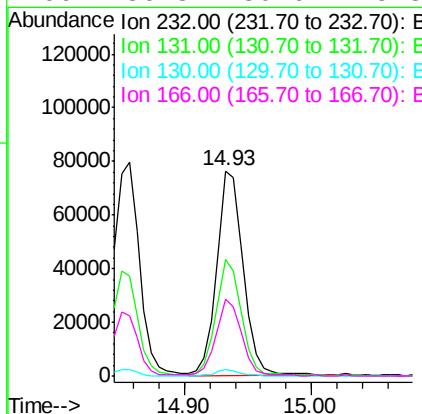
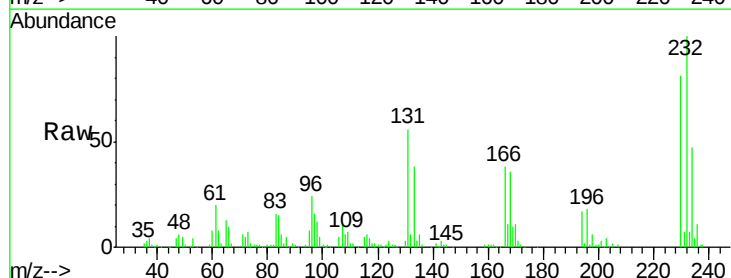
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

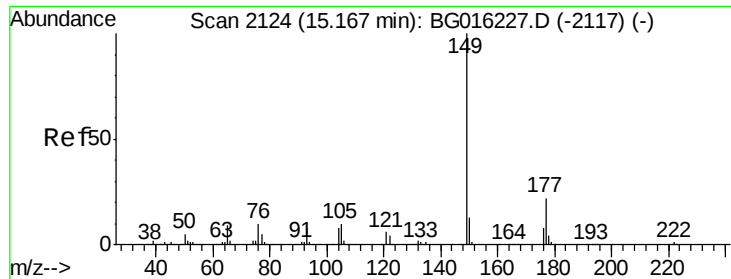
Tgt Ion:166 Resp: 572692  
 Ion Ratio Lower Upper  
 166 100  
 165 93.5 75.2 112.8  
 167 14.1 11.3 16.9



#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 43.43 ng  
 RT: 14.93 min Scan# 2084  
 Delta R.T. -0.01 min  
 Lab File: BG016487.D  
 Acq: 17 Apr 2015 12:50

Tgt Ion:232 Resp: 110658  
 Ion Ratio Lower Upper  
 232 100  
 131 54.6 49.8 74.6  
 130 2.9 2.6 3.8  
 166 36.3 30.6 45.8

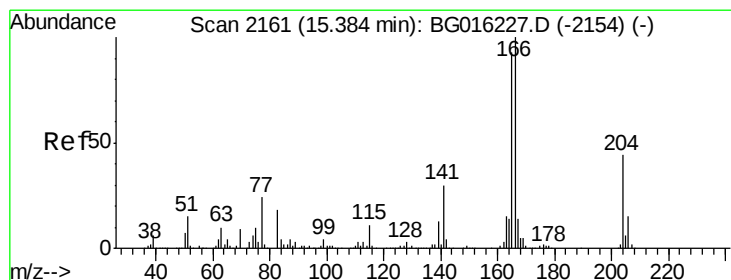
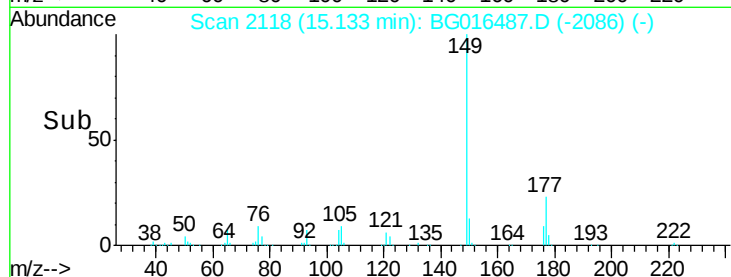
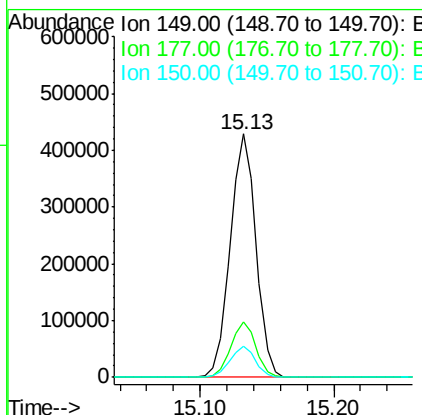
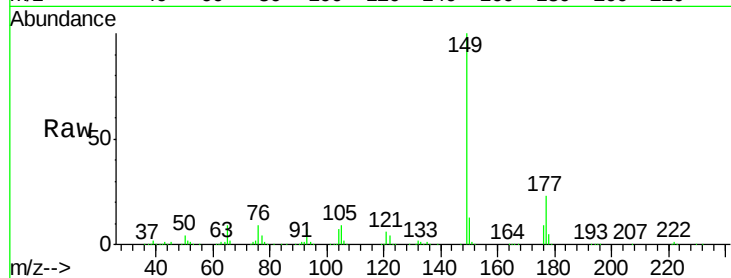




#59  
Diethylphthalate  
Concen: 39.08 ng  
RT: 15.13 min Scan# 2118  
Delta R.T. -0.01 min  
Lab File: BG016487.D  
Acq: 17 Apr 2015 12:50

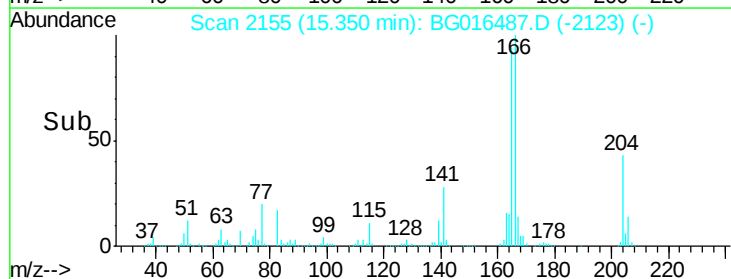
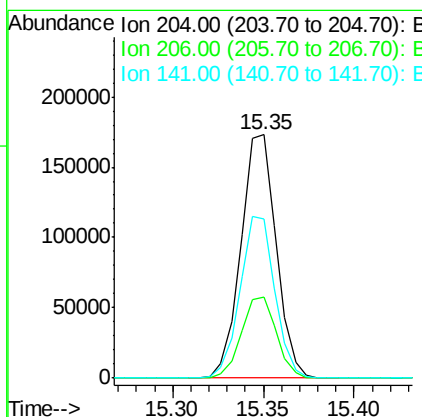
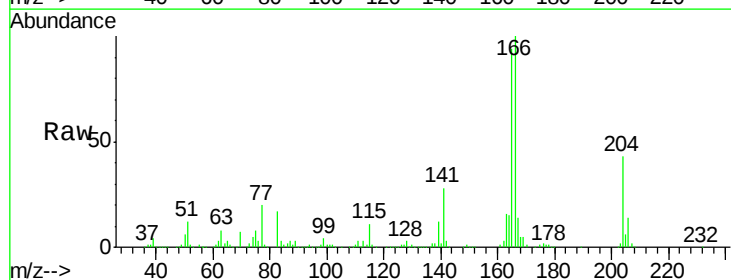
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

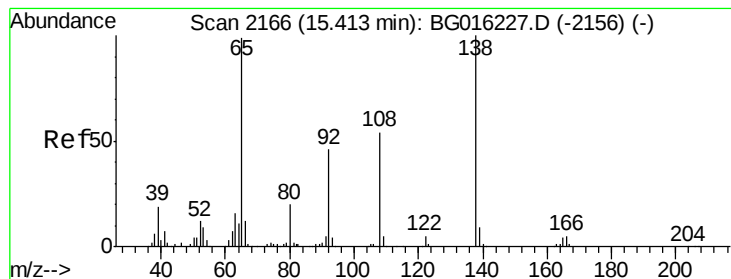
Tgt Ion:149 Resp: 575881  
Ion Ratio Lower Upper  
149 100  
177 22.8 17.7 26.5  
150 12.5 10.0 15.0



#60  
4-Chlorophenyl-phenylether  
Concen: 39.74 ng  
RT: 15.35 min Scan# 2155  
Delta R.T. -0.01 min  
Lab File: BG016487.D  
Acq: 17 Apr 2015 12:50

Tgt Ion:204 Resp: 233418  
Ion Ratio Lower Upper  
204 100  
206 33.2 27.6 41.4  
141 65.5 55.4 83.2





#61

4-Nitroaniline

Concen: 39.90 ng

RT: 15.39 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BG016487.D

Acq: 17 Apr 2015 12:50

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

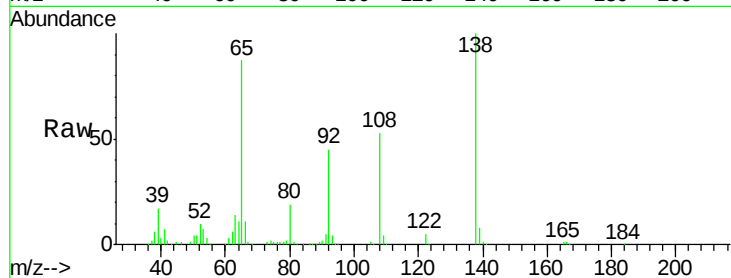
Tgt Ion: 138 Resp: 193677

Ion Ratio Lower Upper

138 100

92 45.3 26.3 66.3

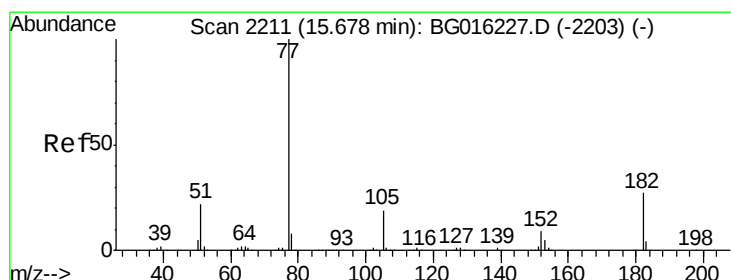
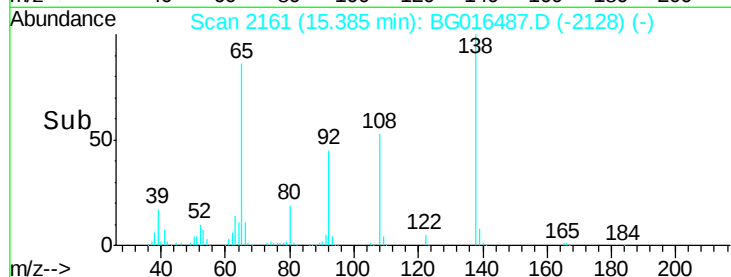
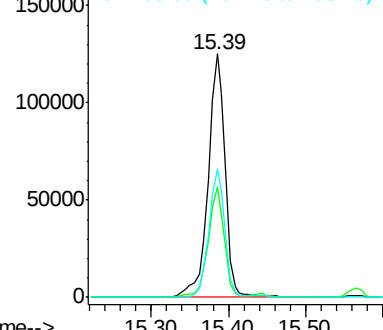
108 53.0 33.6 73.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 34.75 ng

RT: 15.64 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG016487.D

Acq: 17 Apr 2015 12:50

Tgt Ion: 77 Resp: 545116

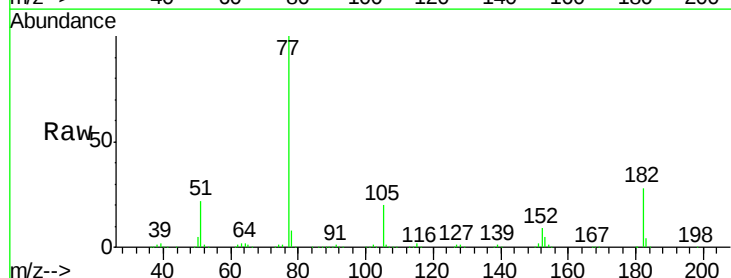
Ion Ratio Lower Upper

77 100

182 28.1 6.6 46.6

105 20.2 0.0 39.2

51 22.3 2.0 42.0

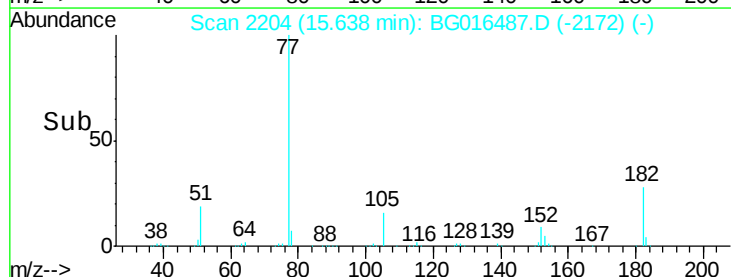
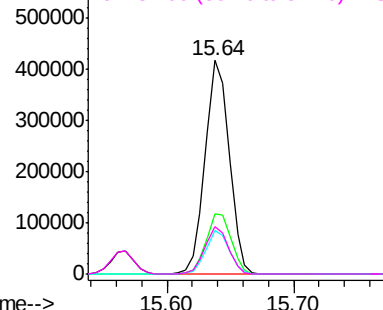


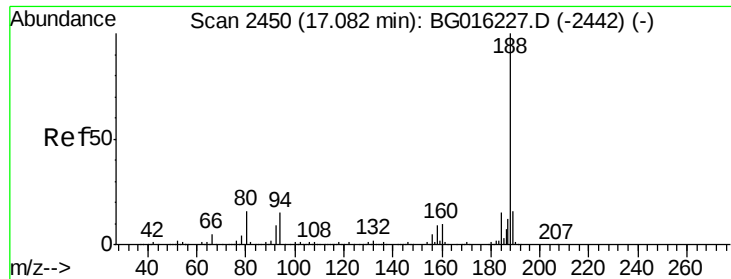
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.04 min Scan# 2443

Delta R.T. -0.02 min

Lab File: BG016487.D

Acq: 17 Apr 2015 12:50

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

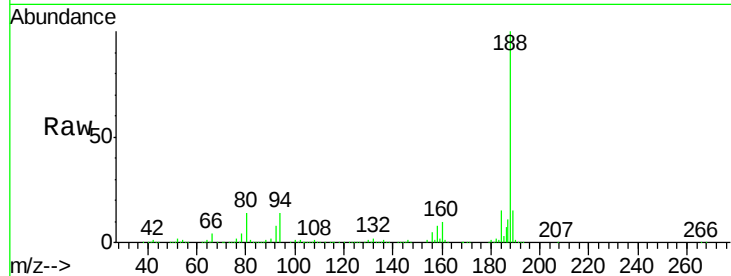
Tgt Ion:188 Resp: 382301

Ion Ratio Lower Upper

188 100

94 13.8 12.2 18.4

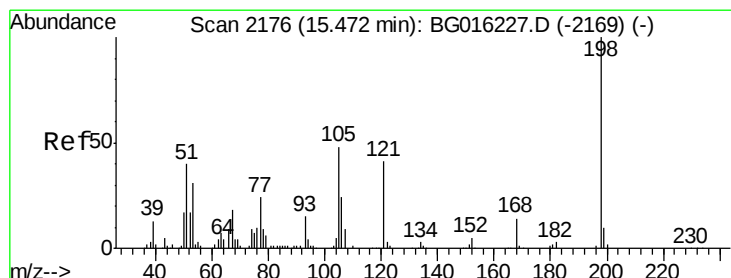
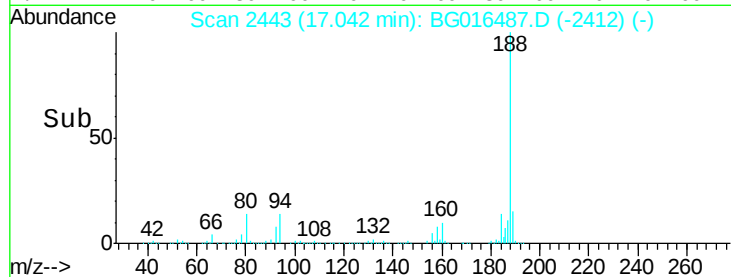
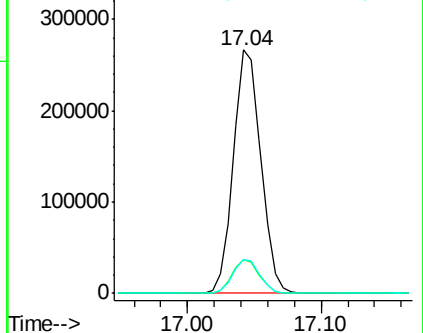
80 13.6 12.8 19.2



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: 37.45 ng

RT: 15.44 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BG016487.D

Acq: 17 Apr 2015 12:50

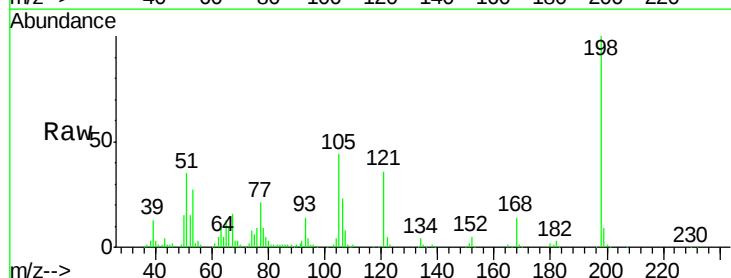
Tgt Ion:198 Resp: 98257

Ion Ratio Lower Upper

198 100

51 35.3 20.7 60.7

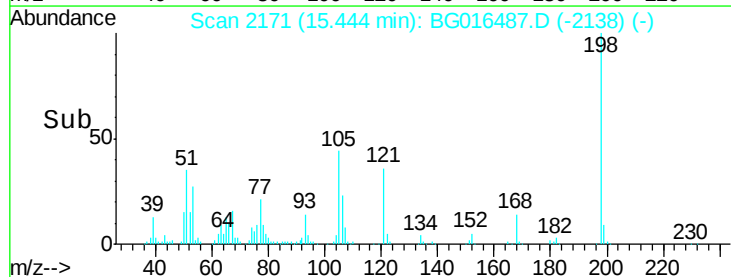
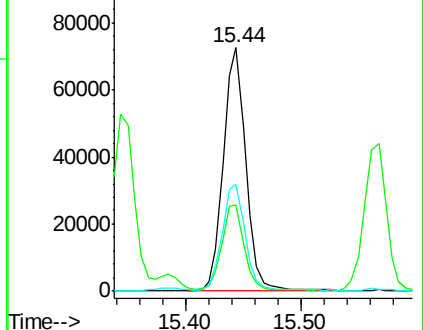
105 44.0 28.8 68.8

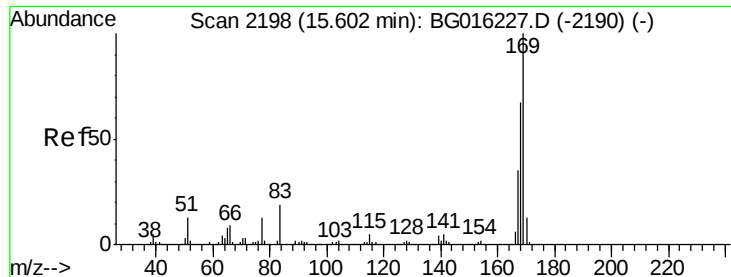


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

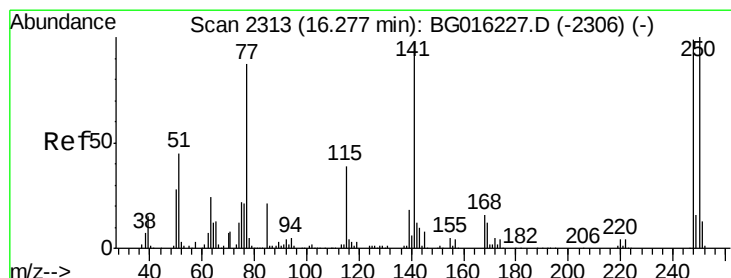
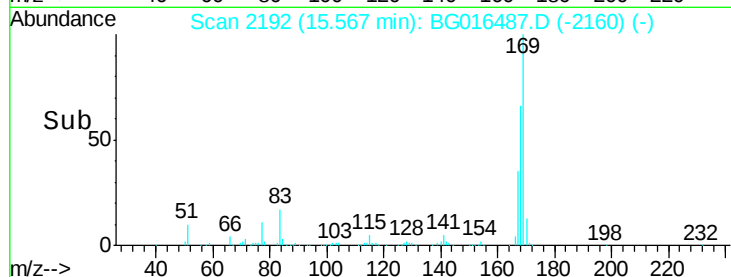
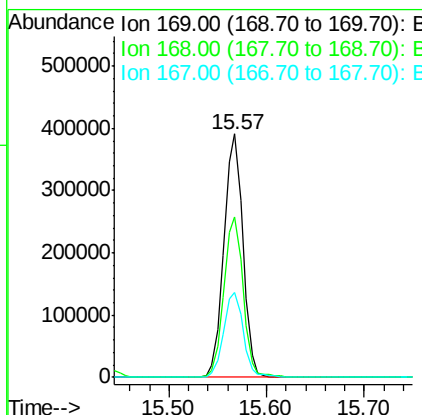
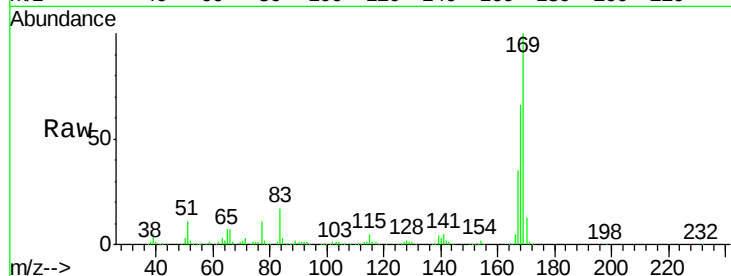




#65  
 n-Nitrosodiphenylamine  
 Concen: 40.69 ng  
 RT: 15.57 min Scan# 2192  
 Delta R.T. -0.01 min  
 Lab File: BG016487.D  
 Acq: 17 Apr 2015 12:50

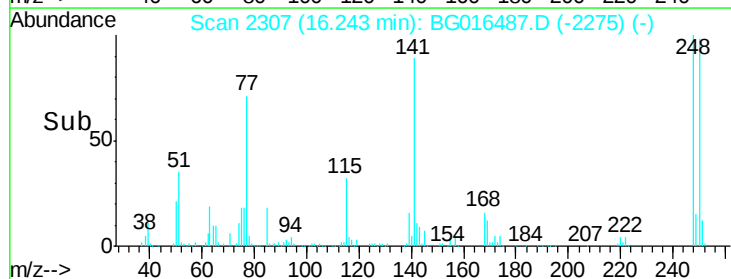
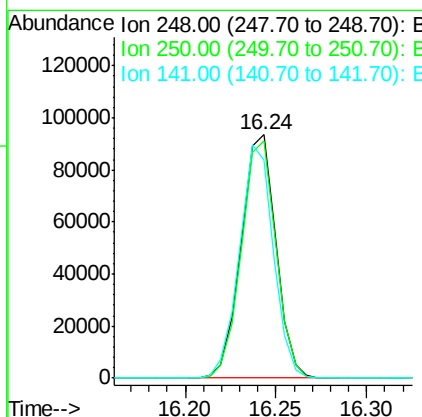
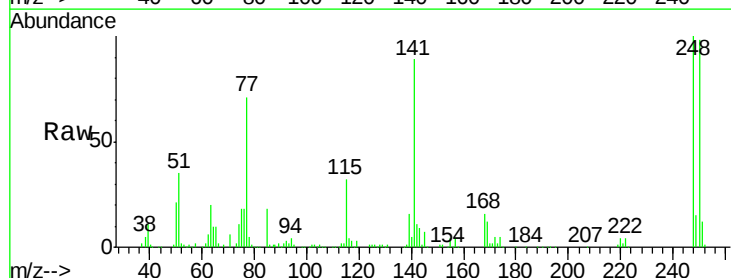
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

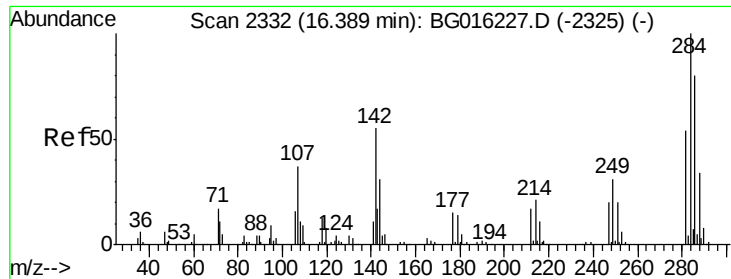
Tgt Ion:169 Resp: 525825  
 Ion Ratio Lower Upper  
 169 100  
 168 65.9 53.4 80.0  
 167 34.9 28.3 42.5



#66  
 4-Bromophenyl-phenylether  
 Concen: 40.90 ng  
 RT: 16.24 min Scan# 2307  
 Delta R.T. -0.01 min  
 Lab File: BG016487.D  
 Acq: 17 Apr 2015 12:50

Tgt Ion:248 Resp: 124848  
 Ion Ratio Lower Upper  
 248 100  
 250 97.6 80.5 120.7  
 141 89.3 78.2 117.4





#67

Hexachlorobenzene

Concen: 40.05 ng

RT: 16.35 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BG016487.D

Acq: 17 Apr 2015 12:50

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

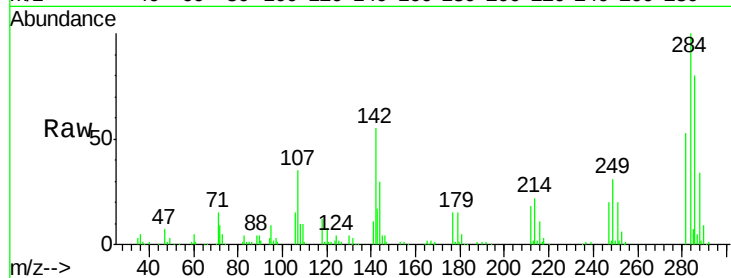
Tgt Ion:284 Resp: 127072

Ion Ratio Lower Upper

284 100

142 55.4 44.2 66.2

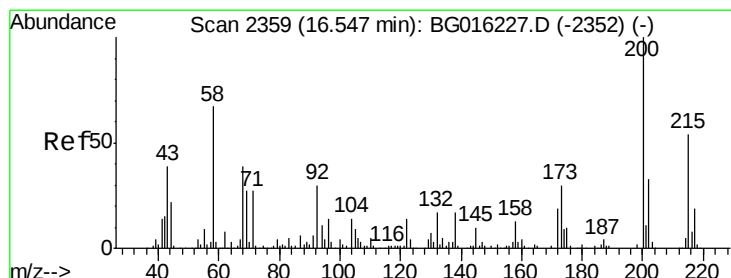
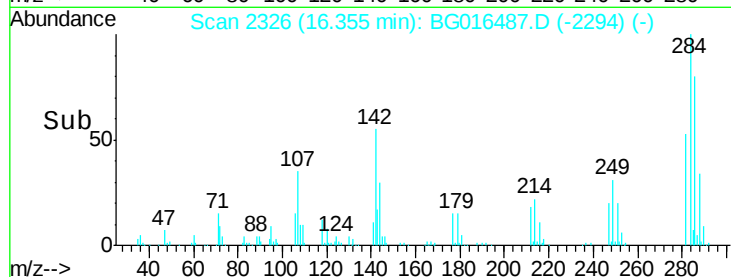
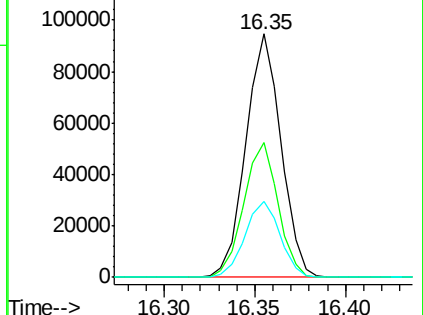
249 31.4 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.24 ng

RT: 16.52 min Scan# 2354

Delta R.T. -0.01 min

Lab File: BG016487.D

Acq: 17 Apr 2015 12:50

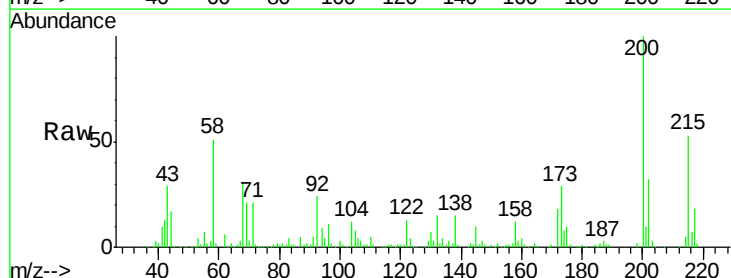
Tgt Ion:200 Resp: 148546

Ion Ratio Lower Upper

200 100

173 29.1 10.2 50.2

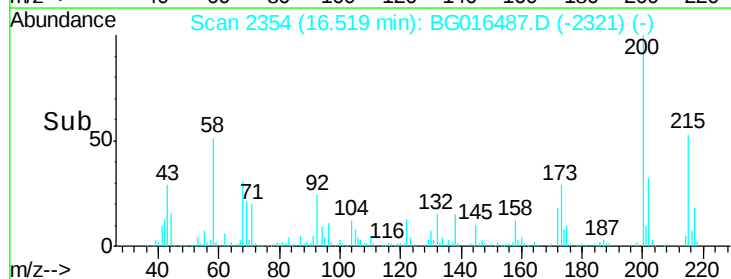
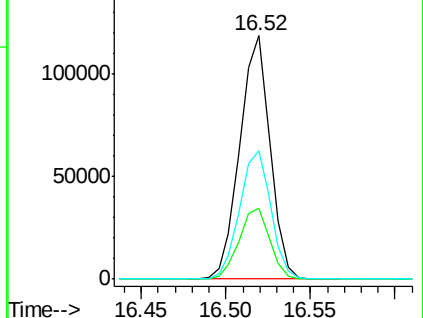
215 52.7 34.4 74.4

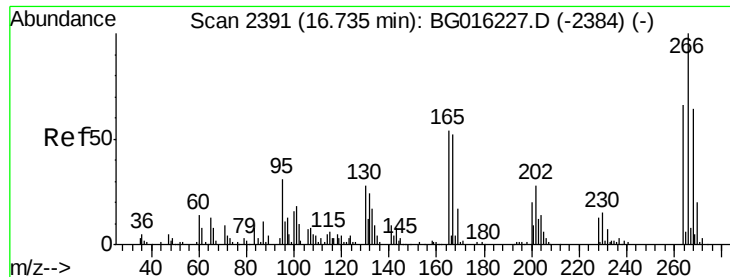


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

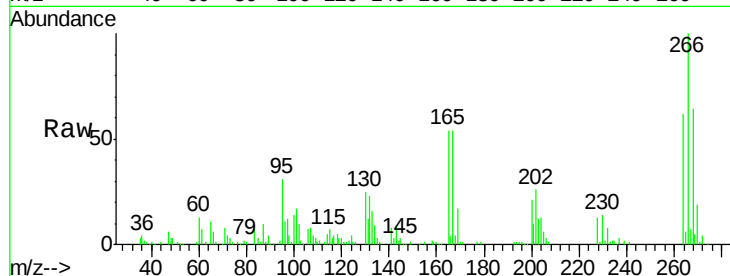




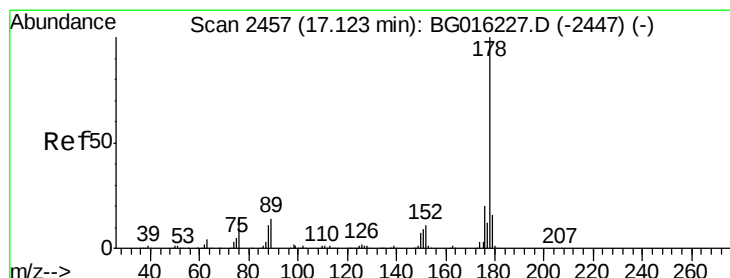
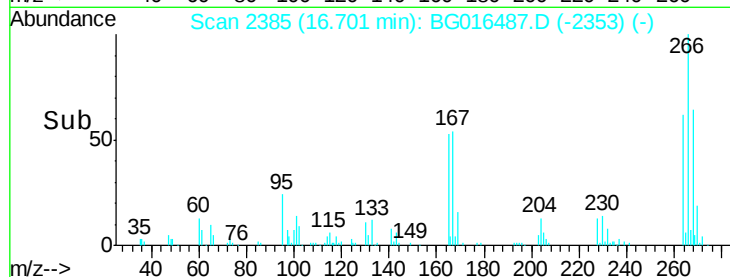
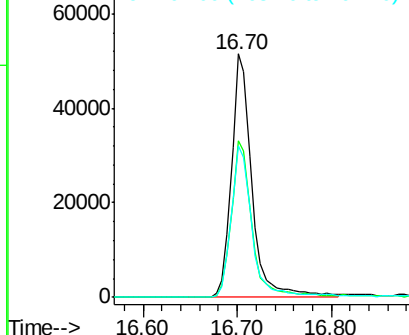
#69  
 Pentachlorophenol  
 Concen: 40.32 ng  
 RT: 16.70 min Scan# 2385  
 Delta R.T. -0.01 min  
 Lab File: BG016487.D  
 Acq: 17 Apr 2015 12:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:266 Resp: 78100  
 Ion Ratio Lower Upper  
 266 100  
 268 64.2 50.9 76.3  
 264 62.0 52.8 79.2

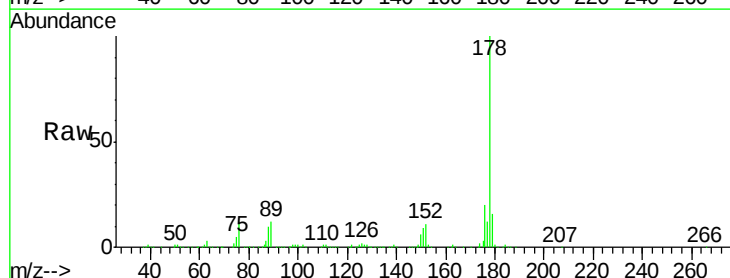


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E



#70  
 Phenanthrene  
 Concen: 39.22 ng  
 RT: 17.09 min Scan# 2451  
 Delta R.T. -0.01 min  
 Lab File: BG016487.D  
 Acq: 17 Apr 2015 12:50

Tgt Ion:178 Resp: 843282  
 Ion Ratio Lower Upper  
 178 100  
 176 20.2 16.2 24.4  
 179 16.3 12.7 19.1



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

