

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080516\  
 Data File : BG023529.D  
 Acq On : 6 Aug 2016 19:06  
 Operator : UM/SJ  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Aug 08 01:35:29 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 01 04:44:16 2004  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.12  | 152  | 124741   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.95 | 136  | 598391   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.78 | 164  | 443032   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.54 | 188  | 1076214  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.86 | 240  | 1080064  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.24 | 264  | 1037357  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.48  | 96  | 23121   | 7.88  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.27  | 99  | 266175  | 21.18 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.43  | 67  | 168829  | 20.97 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.65  | 132 | 183066  | 21.35 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.83  | 113 | 212855  | 21.70 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.29  | 128 | 97565   | 20.69 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.02 | 143 | 114715  | 21.18 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.57 | 165 | 215566  | 21.10 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.08 | 131 | 272224  | 22.71 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.17 | 166 | 732376  | 20.19 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.47 | 160 | 859641  | 21.06 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.98 | 143 | 132087  | 21.33 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.78 | 176 | 673436  | 20.09 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.90 | 200 | 143599  | 20.80 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.65 | 188 | 1048126 | 21.62 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.93 | 212 | 1155253 | 21.13 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.01 | 264 | 1008817 | 21.48 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       | Ovalue |    |
|--------------------------------|-------|-----|--------|-------|--------|----|
| 2) 1,4-Dioxane                 | 3.52  | 88  | 24689  | 8.02  | ng/uL# | 80 |
| 4) Benzaldehyde                | 7.25  | 77  | 186281 | 24.32 | ng/ul  | 82 |
| 8) Bis(2-Chloroethyl)ether     | 7.52  | 93  | 202278 | 21.29 | ng/ul  | 88 |
| 10) 2-Chlorophenol             | 7.68  | 128 | 184326 | 21.11 | ng/ul# | 84 |
| 11) 2-Methylphenol             | 8.56  | 108 | 206063 | 20.91 | ng/ul  | 96 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.65  | 45  | 284568 | 21.89 | ng/ul  | 99 |
| 14) Acetophenone               | 8.95  | 105 | 345294 | 21.95 | ng/ul# | 78 |
| 15) N-Nitroso-di-n-propylamine | 8.92  | 70  | 199865 | 21.11 | ng/ul# | 88 |
| 16) 4-Methylphenol             | 8.89  | 108 | 230728 | 20.89 | ng/ul  | 96 |
| 17) Hexachloroethane           | 9.21  | 117 | 77354  | 20.53 | ng/ul  | 85 |
| 20) Nitrobenzene               | 9.33  | 77  | 278150 | 20.12 | ng/ul# | 87 |
| 21) Isophorone                 | 9.86  | 82  | 533699 | 20.99 | ng/ul  | 94 |
| 23) 2-Nitrophenol              | 10.06 | 139 | 122471 | 20.94 | ng/ul# | 69 |
| 24) 2,4-Dimethylphenol         | 10.10 | 107 | 270776 | 21.10 | ng/ul  | 88 |
| 25) Bis(2-Chloroethoxy)methane | 10.34 | 93  | 302766 | 20.64 | ng/ul# | 97 |
| 27) 2,4-Dichlorophenol         | 10.60 | 162 | 211834 | 20.56 | ng/ul  | 93 |
| 28) Naphthalene                | 11.00 | 128 | 637030 | 20.97 | ng/ul  | 99 |
| 30) 4-Chloroaniline            | 11.11 | 127 | 270910 | 22.77 | ng/ul  | 99 |
| 31) Hexachlorobutadiene        | 11.28 | 225 | 141189 | 20.57 | ng/ul  | 95 |
| 32) Caprolactam                | 11.87 | 113 | 80526  | 18.82 | ng/ul# | 48 |
| 33) 4-Chloro-3-methylphenol    | 12.23 | 107 | 275311 | 20.76 | ng/ul# | 80 |
| 34) 2-Methylnaphthalene        | 12.61 | 142 | 511971 | 20.79 | ng/ul  | 99 |
| 36) 1,2,4,5-Tetrachlorobenzene | 12.97 | 216 | 293119 | 21.55 | ng/ul  | 99 |

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080516\  
 Data File : BG023529.D  
 Acq On : 6 Aug 2016 19:06  
 Operator : UM/SJ  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

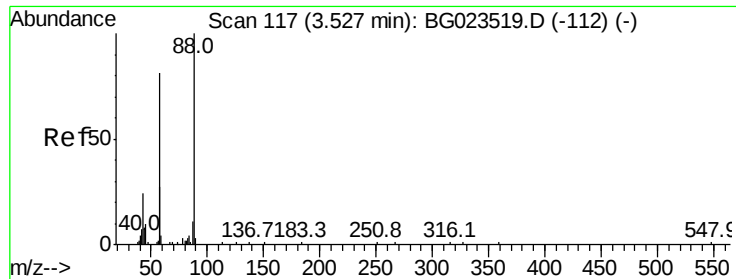
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Aug 08 01:35:29 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 01 04:44:16 2004  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 37) Hexachlorocyclopentadiene  | 12.95 | 237  | 139862   | 18.59 | ng/ul  | 99       |
| 38) 2,4,6-Trichlorophenol      | 13.21 | 196  | 196687   | 20.88 | ng/ul  | 97       |
| 39) 2,4,5-Trichlorophenol      | 13.29 | 196  | 207693   | 20.57 | ng/ul  | 93       |
| 40) 1,1'-Biphenyl              | 13.61 | 154  | 695545   | 21.36 | ng/ul  | 99       |
| 41) 2-Chloronaphthalene        | 13.66 | 162  | 523234   | 20.67 | ng/ul  | 97       |
| 42) 2-Nitroaniline             | 13.86 | 65   | 223067   | 21.58 | ng/ul# | 62       |
| 44) Dimethylphthalate          | 14.22 | 163  | 725507   | 20.20 | ng/ul  | 99       |
| 45) 2,6-Dinitrotoluene         | 14.36 | 165  | 159377   | 20.47 | ng/ul# | 89       |
| 47) Acenaphthylene             | 14.50 | 152  | 905826   | 21.21 | ng/ul  | 98       |
| 48) 3-Nitroaniline             | 14.69 | 138  | 159376   | 21.77 | ng/ul# | 67       |
| 49) Acenaphthene               | 14.84 | 153  | 598757   | 20.58 | ng/ul  | 94       |
| 50) 2,4-Dinitrophenol          | 14.90 | 184  | 81534    | 16.97 | ng/ul# | 75       |
| 52) 4-Nitrophenol              | 15.00 | 109  | 129178   | 20.83 | ng/ul# | 68       |
| 53) Dibenzofuran               | 15.18 | 168  | 878914   | 20.39 | ng/ul# | 88       |
| 54) 2,4-Dinitrotoluene         | 15.14 | 165  | 238549   | 20.22 | ng/ul# | 69       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.41 | 232  | 211364   | 20.37 | ng/ul  | 97       |
| 56) Diethylphthalate           | 15.58 | 149  | 752429   | 20.04 | ng/ul  | 96       |
| 58) Fluorene                   | 15.84 | 166  | 717616   | 19.98 | ng/ul  | 99       |
| 59) 4-Chlorophenyl-phenylether | 15.82 | 204  | 368587   | 20.40 | ng/ul  | 97       |
| 60) 4-Nitroaniline             | 15.86 | 138  | 178165   | 20.98 | ng/ul# | 70       |
| 63) 4,6-Dinitro-2-methylphenol | 15.91 | 198  | 150690   | 20.79 | ng/ul# | 90       |
| 64) N-Nitrosodiphenylamine     | 16.04 | 169  | 666484   | 22.16 | ng/ul  | 98       |
| 65) 4-Bromophenyl-phenylether  | 16.72 | 248  | 261819   | 21.21 | ng/ul  | 96       |
| 66) Hexachlorobenzene          | 16.84 | 284  | 284540   | 21.64 | ng/ul  | 96       |
| 67) Atrazine                   | 16.99 | 200  | 272038   | 21.90 | ng/ul  | 96       |
| 68) Pentachlorophenol          | 17.19 | 266  | 144867   | 19.97 | ng/ul  | 94       |
| 69) Phenanthrene               | 17.59 | 178  | 1199137  | 21.51 | ng/ul  | 96       |
| 71) Anthracene                 | 17.68 | 178  | 1245280  | 21.90 | ng/ul  | 98       |
| 72) Carbazole                  | 17.95 | 167  | 1092919  | 23.85 | ng/ul  | 99       |
| 73) Di-n-butylphthalate        | 18.49 | 149  | 1302972  | 22.70 | ng/ul# | 97       |
| 74) Fluoranthene               | 19.60 | 202  | 1416024  | 24.82 | ng/ul# | 93       |
| 77) Pyrene                     | 19.96 | 202  | 1413675  | 21.17 | ng/ul  | 96       |
| 78) Butylbenzylphthalate       | 20.84 | 149  | 573705   | 22.40 | ng/ul# | 86       |
| 79) 3,3'-Dichlorobenzidine     | 21.75 | 252  | 447733   | 23.53 | ng/ul# | 94       |
| 80) Benzo(a)anthracene         | 21.84 | 228  | 1299434  | 21.36 | ng/ul  | 98       |
| 81) Bis(2-ethylhexyl)phthalate | 21.72 | 149  | 782162   | 22.97 | ng/ul# | 97       |
| 82) Chrysene                   | 21.91 | 228  | 1177667  | 21.29 | ng/ul  | 96       |
| 84) Di-n-octyl phthalate       | 22.98 | 149  | 1302065  | 24.85 | ng/ul  | 100      |
| 85) Benzo(b)fluoranthene       | 24.16 | 252  | 1250171  | 21.19 | ng/ul# | 93       |
| 86) Benzo(k)fluoranthene       | 24.23 | 252  | 1267568  | 21.82 | ng/ul# | 92       |
| 88) Benzo(a)pyrene             | 25.08 | 252  | 1226282  | 21.53 | ng/ul# | 93       |
| 89) Indeno(1,2,3-cd)pyrene     | 29.11 | 276  | 1435566  | 21.45 | ng/ul# | 88       |
| 90) Dibenzo(a,h)anthracene     | 29.17 | 278  | 1204175  | 21.09 | ng/ul# | 91       |
| 91) Benzo(g,h,i)perylene       | 30.31 | 276  | 1182788  | 21.31 | ng/ul# | 86       |

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





#2

1,4-Dioxane

Concen: 8.02 ng/uL

RT: 3.52 min Scan# 117

Delta R.T. -0.00 min

Lab File: BG023529.D

Acq: 6 Aug 2016 19:06

Instrument :

BNA\_G

ClientSampleId :

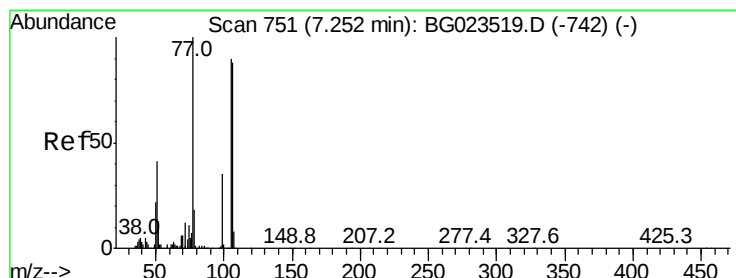
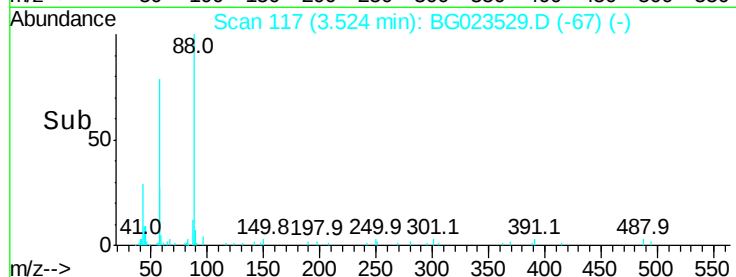
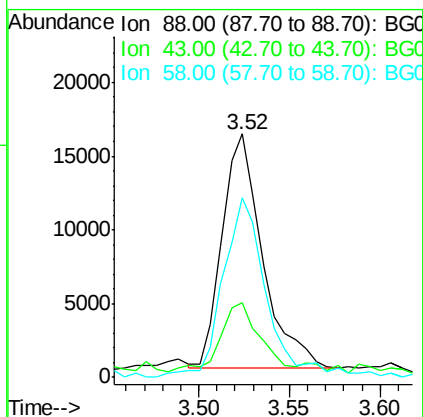
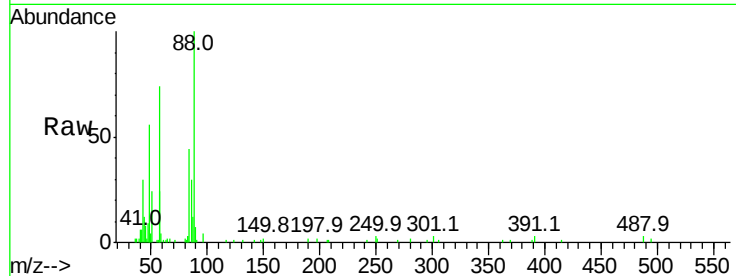
Tot Ion: 88 Resp: 24689

Ion Ratio Lower Upper

88 100

43 30.4 16.6 24.8#

58 73.8 47.2 70.8#



#4

Benzaldehyde

Concen: 24.32 ng/uL

RT: 7.25 min Scan# 751

Delta R.T. -0.00 min

Lab File: BG023529.D

Acq: 6 Aug 2016 19:06

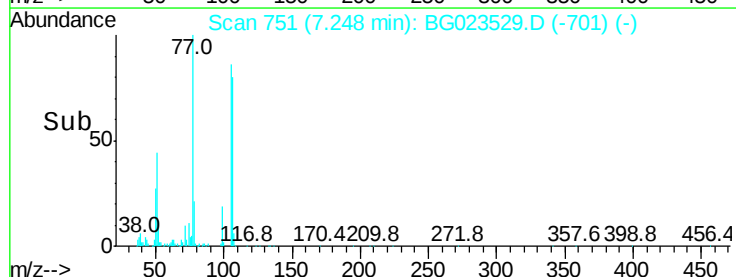
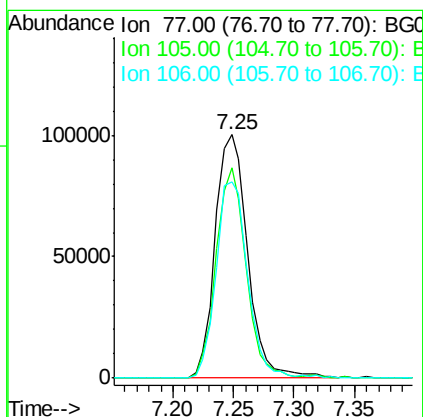
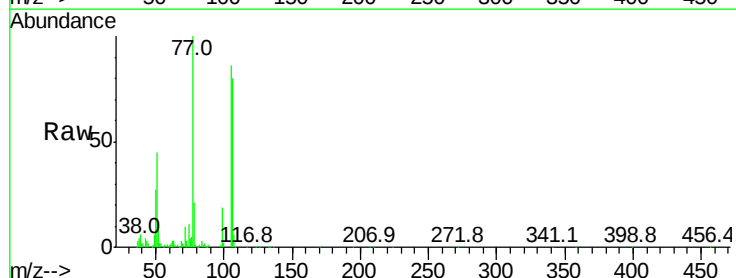
Tgt Ion: 77 Resp: 186281

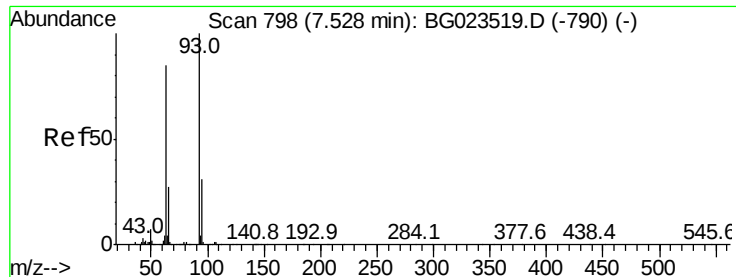
Ion Ratio Lower Upper

77 100

105 86.5 83.8 125.8

106 80.5 77.9 116.9





#8

Bis(2-Chloroethyl)ether

Concen: 21.29 ng/ul

RT: 7.52 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG023529.D

Acq: 6 Aug 2016 19:06

Instrument :

BNA\_G

ClientSampleId :

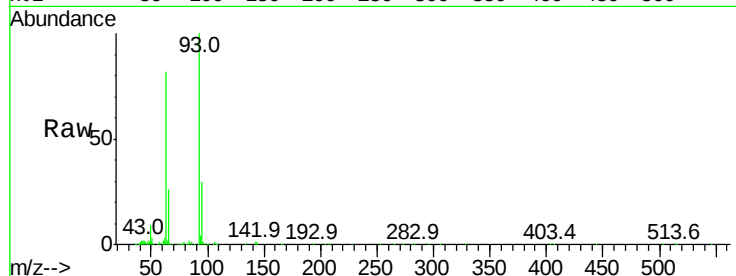
Tot Ion: 93 Resp: 202278

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 82.2  | 56.0  | 84.0  |
| 95  | 30.2  | 27.7  | 41.5  |

93 100

63 82.2 56.0 84.0

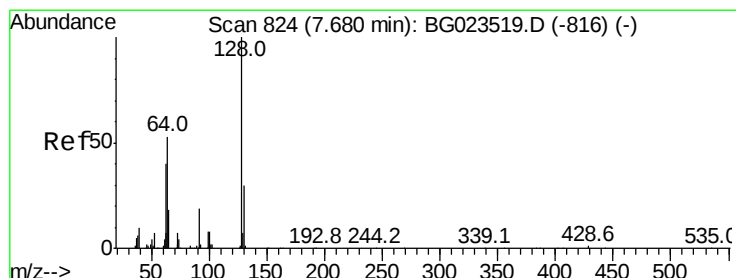
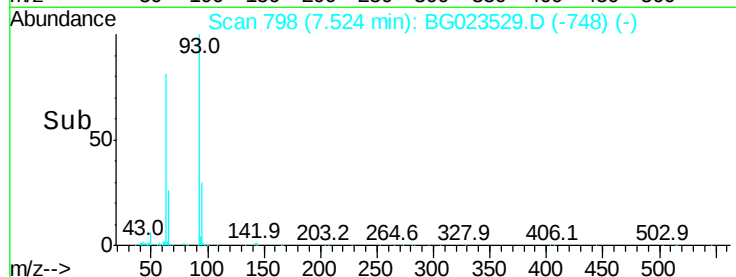
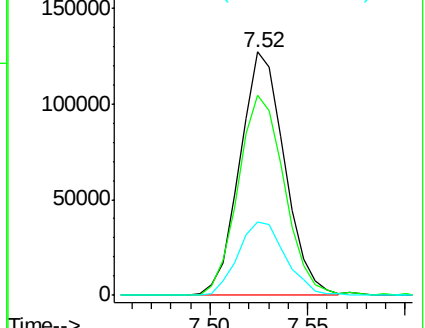
95 30.2 27.7 41.5



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#10

2-Chlorophenol

Concen: 21.11 ng/ul

RT: 7.68 min Scan# 824

Delta R.T. -0.00 min

Lab File: BG023529.D

Acq: 6 Aug 2016 19:06

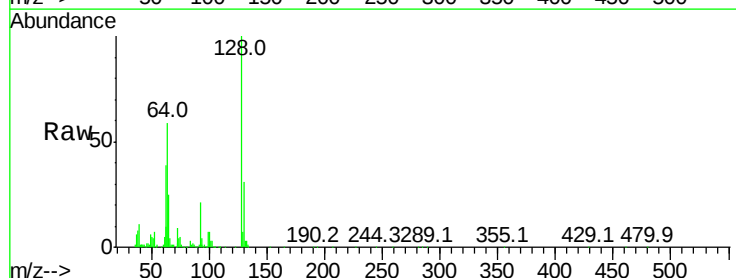
Tgt Ion:128 Resp: 184326

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 64  | 58.5  | 34.2  | 51.4# |
| 130 | 31.4  | 27.0  | 40.4  |

128 100

64 58.5 34.2 51.4#

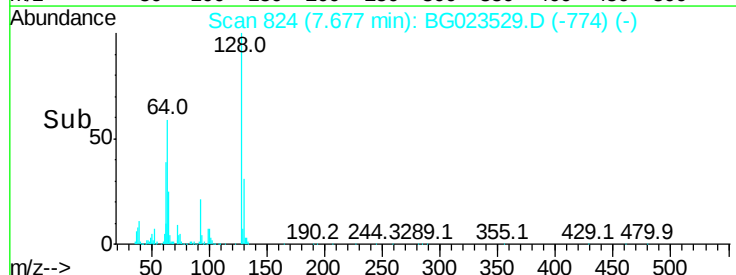
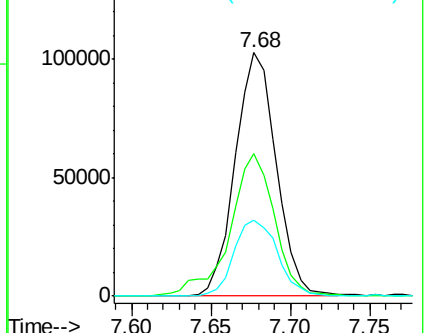
130 31.4 27.0 40.4

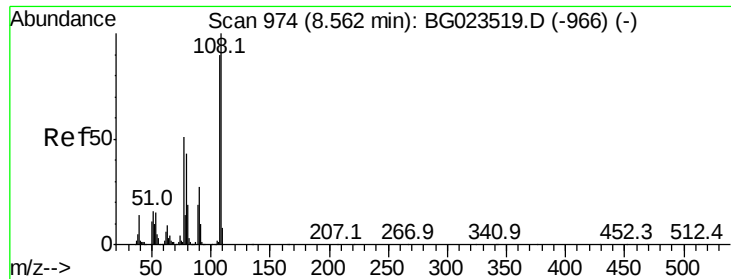


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 130.00 (129.70 to 130.70): E





#11

2-Methylphenol

Concen: 20.91 ng/ul

RT: 8.56 min Scan# 975

Delta R.T. 0.00 min

Lab File: BG023529.D

Acq: 6 Aug 2016 19:06

Instrument :

BNA\_G

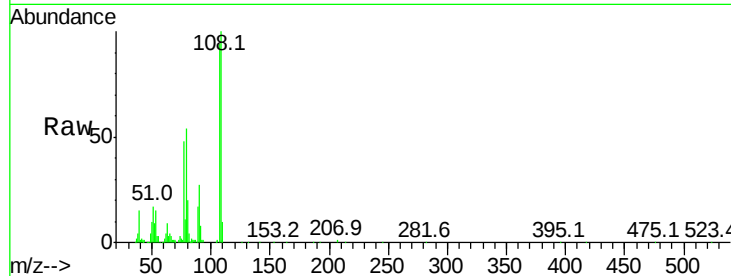
ClientSampled :

Tot Ion:108 Resp: 206063

Ion Ratio Lower Upper

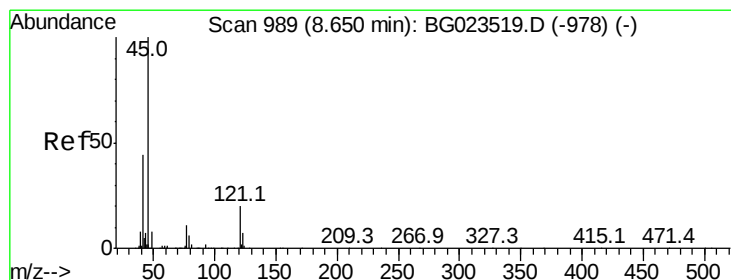
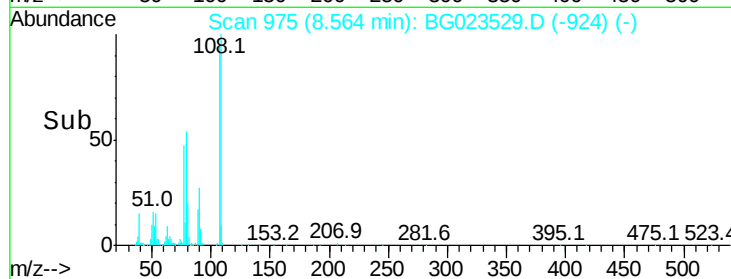
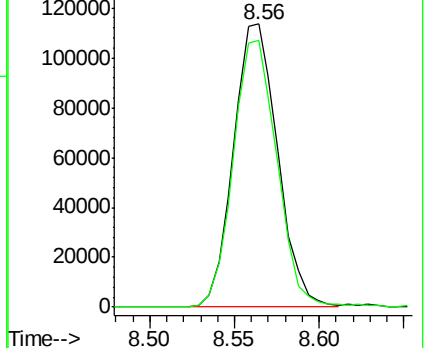
108 100

107 94.4 78.6 117.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#12

2,2'-oxybis(1-Chloropropane)

Concen: 21.89 ng/ul

RT: 8.65 min Scan# 990

Delta R.T. 0.00 min

Lab File: BG023529.D

Acq: 6 Aug 2016 19:06

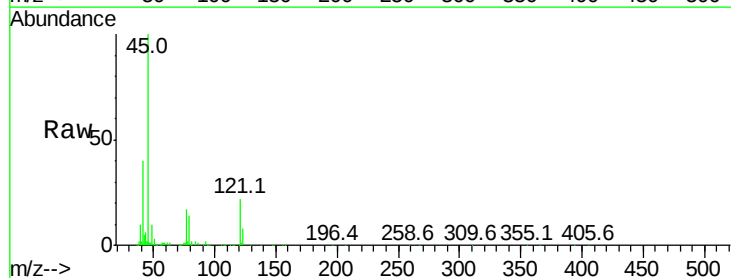
Tgt Ion: 45 Resp: 284568

Ion Ratio Lower Upper

45 100

77 16.5 13.4 20.2

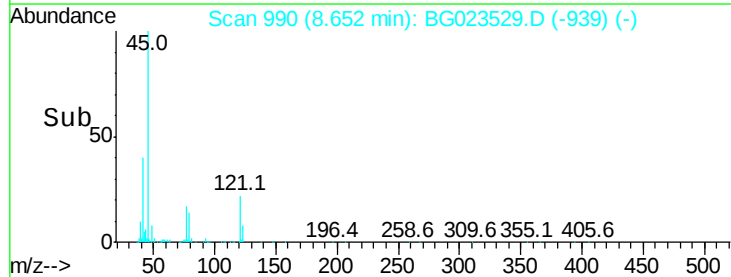
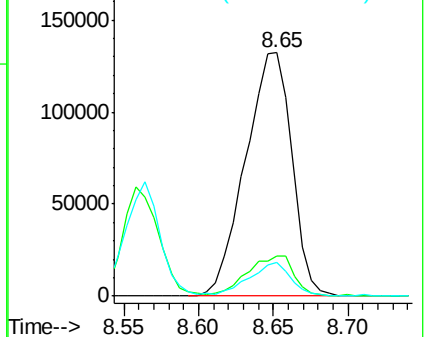
79 13.6 10.2 15.4

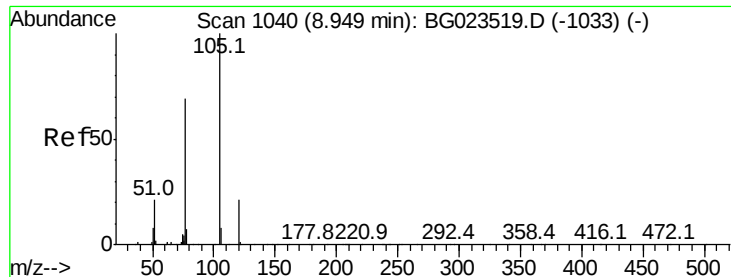


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#14

Acetophenone

Concen: 21.95 ng/ul

RT: 8.95 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BG023529.D

Acq: 6 Aug 2016 19:06

Instrument :

BNA\_G

ClientSampled :

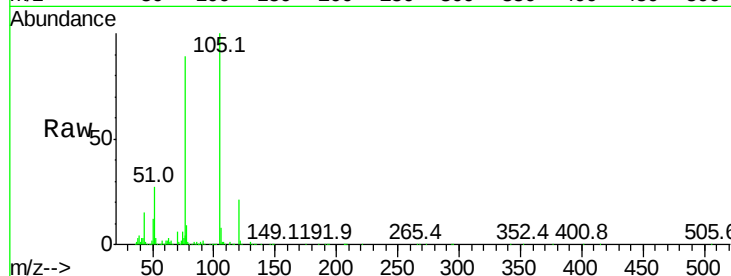
Tot Ion:105 Resp: 345294

Ion Ratio Lower Upper

105 100

77 88.8 56.1 84.1#

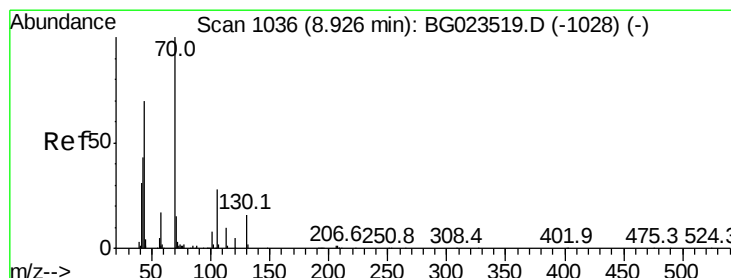
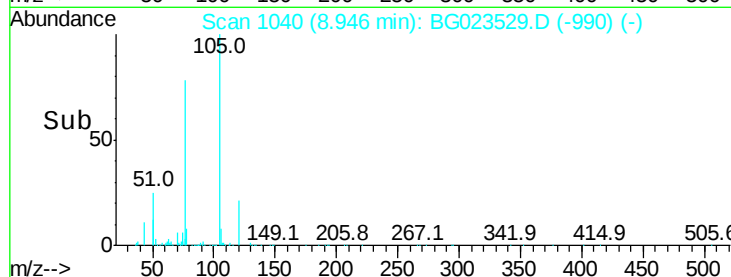
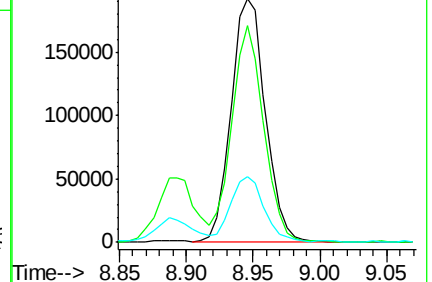
51 27.2 14.6 22.0#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#15

N-Nitroso-di-n-propylamine

Concen: 21.11 ng/ul

RT: 8.92 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BG023529.D

Acq: 6 Aug 2016 19:06

Tgt Ion: 70 Resp: 199865

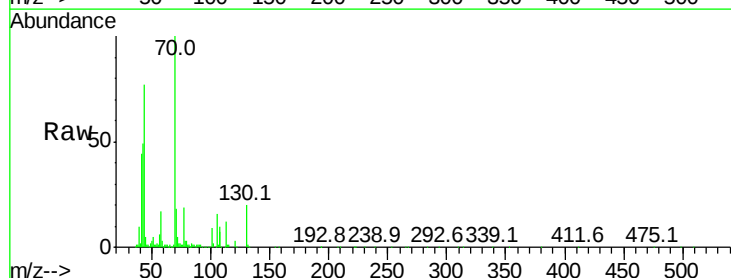
Ion Ratio Lower Upper

70 100

42 48.9 31.4 47.2#

101 8.6 8.6 13.0#

130 19.8 19.0 28.4

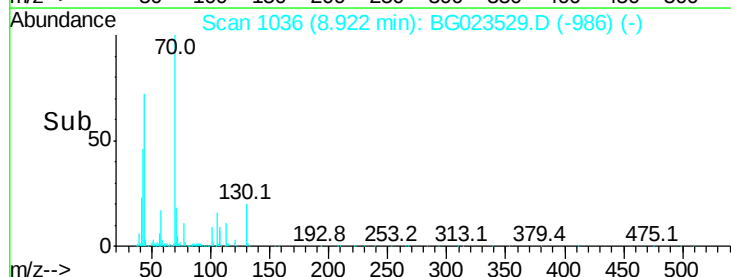
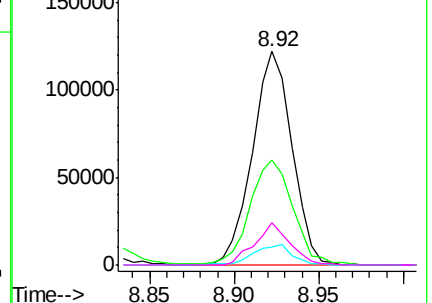


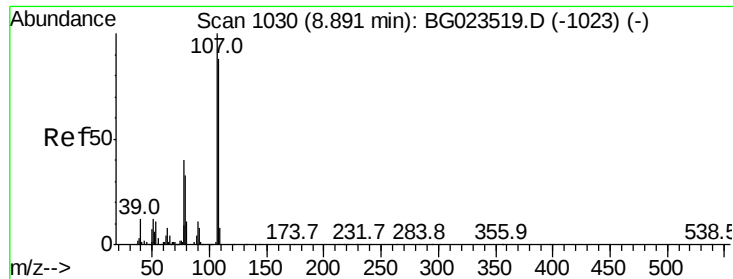
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

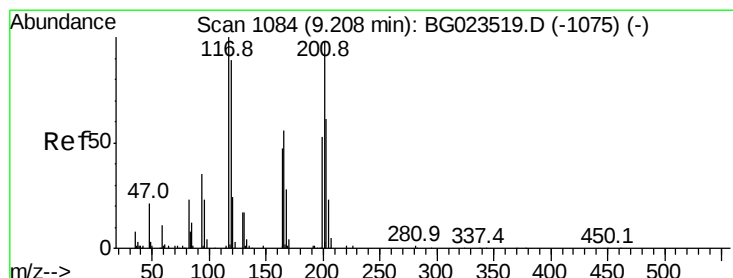
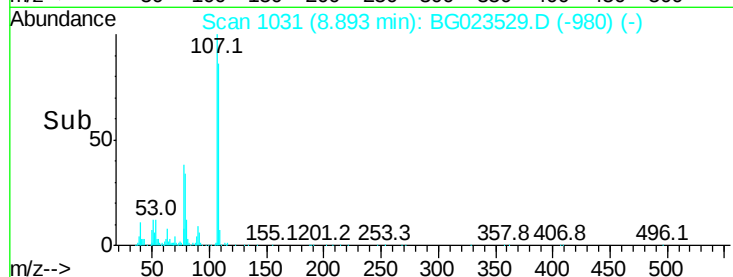
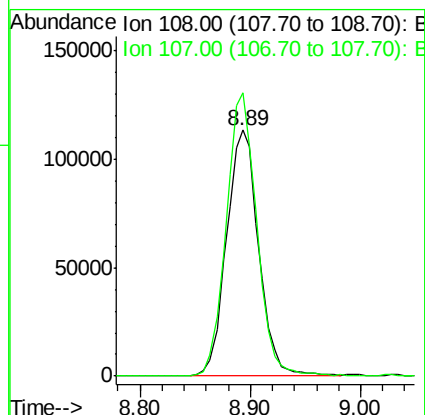
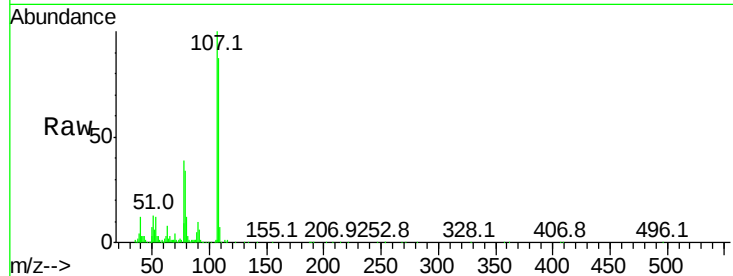




#16  
4-Methylphenol  
Concen: 20.89 ng/ul  
RT: 8.89 min Scan# 1031  
Delta R.T. 0.00 min  
Lab File: BG023529.D  
Acq: 6 Aug 2016 19:06

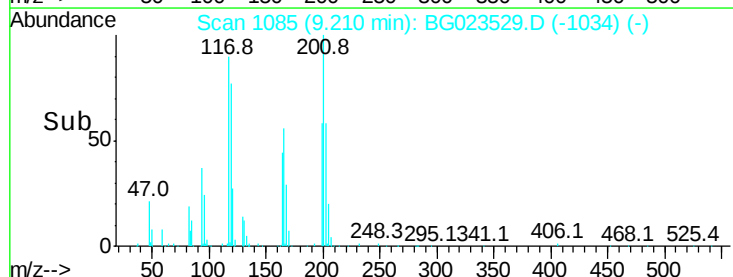
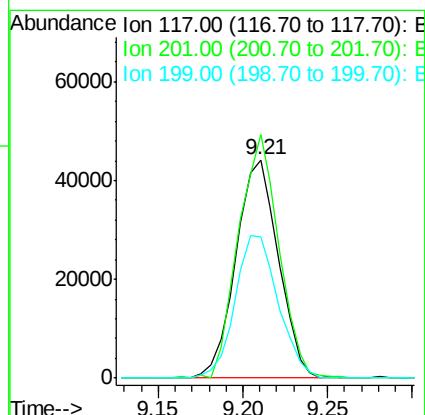
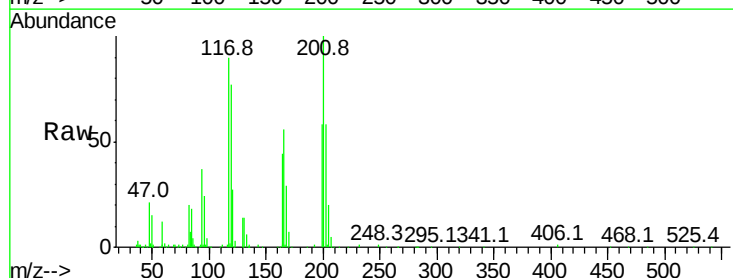
Instrument :  
BNA\_G  
ClientSampleId :

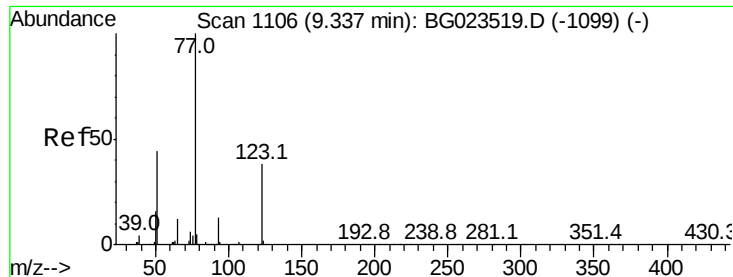
Tot Ion:108 Resp: 230728  
Ion Ratio Lower Upper  
108 100  
107 115.0 88.3 132.5



#17  
Hexachloroethane  
Concen: 20.53 ng/ul  
RT: 9.21 min Scan# 1085  
Delta R.T. 0.00 min  
Lab File: BG023529.D  
Acq: 6 Aug 2016 19:06

Tgt Ion:117 Resp: 77354  
Ion Ratio Lower Upper  
117 100  
201 111.6 76.8 115.2  
199 64.8 43.5 65.3

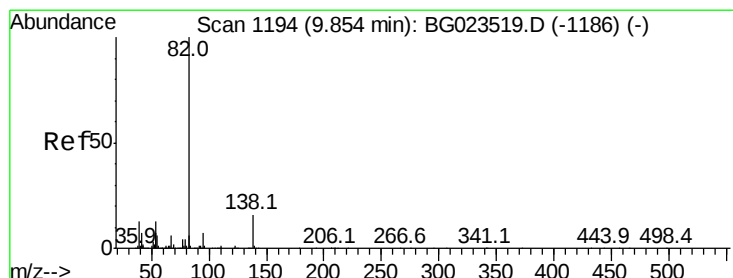
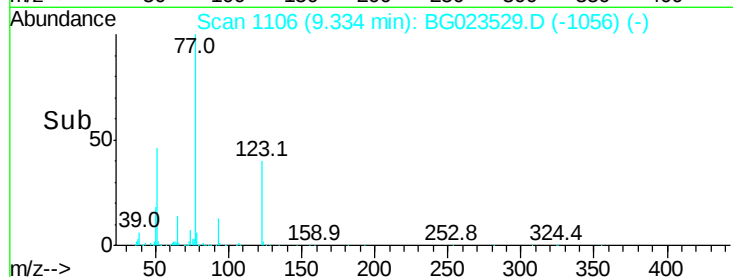
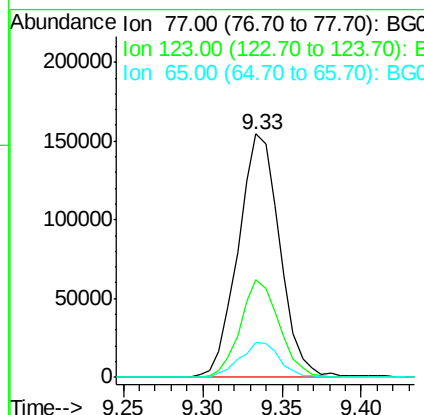
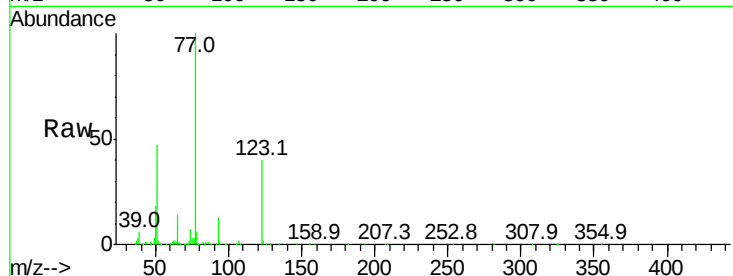




#20  
 Nitrobenzene  
 Concen: 20.12 ng/ul  
 RT: 9.33 min Scan# 1106  
 Delta R.T. -0.00 min  
 Lab File: BG023529.D  
 Acq: 6 Aug 2016 19:06

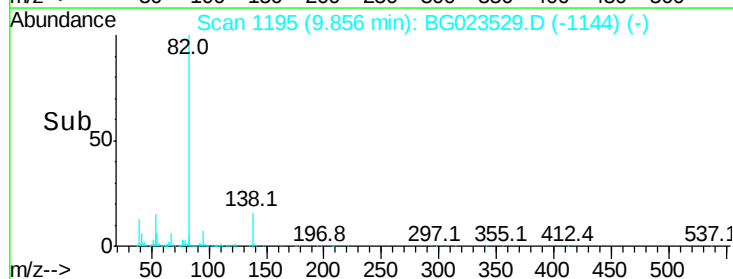
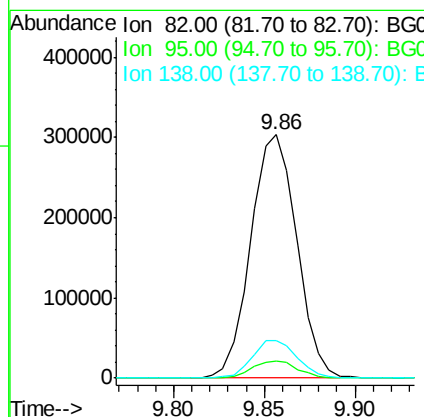
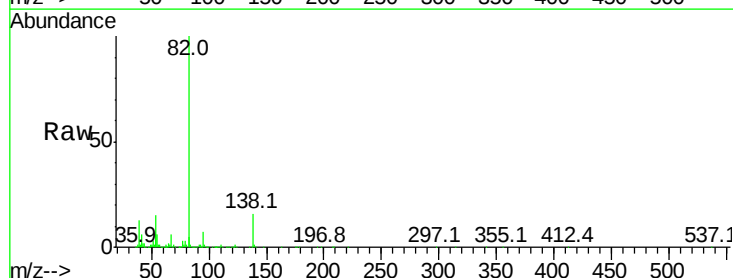
Instrument :  
 BNA\_G  
 ClientSampleId :

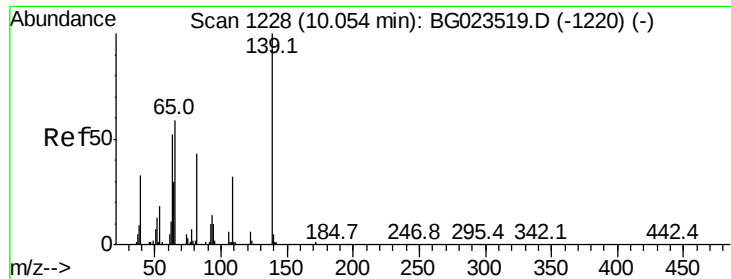
Tot Ion: 77 Resp: 278150  
 Ion Ratio Lower Upper  
 77 100  
 123 40.1 39.5 59.3  
 65 14.2 9.0 13.4#



#21  
 Isophorone  
 Concen: 20.99 ng/ul  
 RT: 9.86 min Scan# 1195  
 Delta R.T. 0.00 min  
 Lab File: BG023529.D  
 Acq: 6 Aug 2016 19:06

Tgt Ion: 82 Resp: 533699  
 Ion Ratio Lower Upper  
 82 100  
 95 7.1 5.1 7.7  
 138 15.6 15.0 22.6

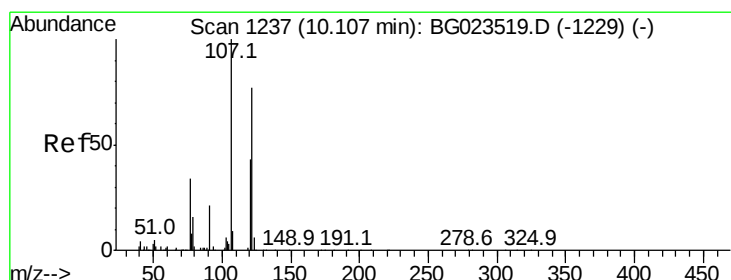
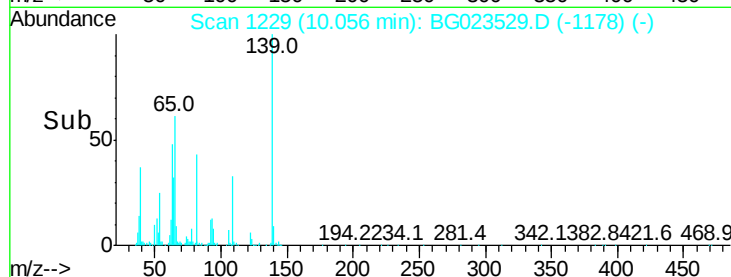
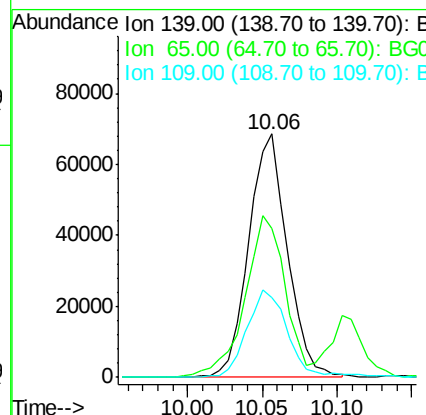
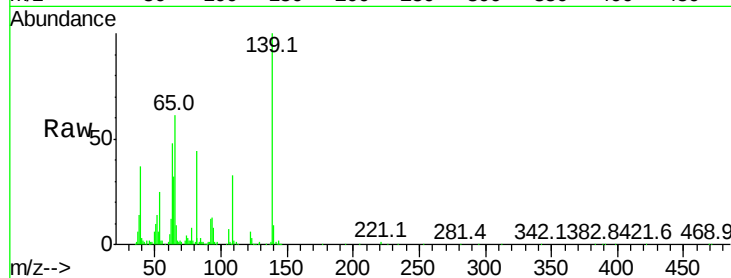




#23  
 2-Nitrophenol  
 Concen: 20.94 ng/ul  
 RT: 10.06 min Scan# 1229  
 Delta R.T. 0.00 min  
 Lab File: BG023529.D  
 Acq: 6 Aug 2016 19:06

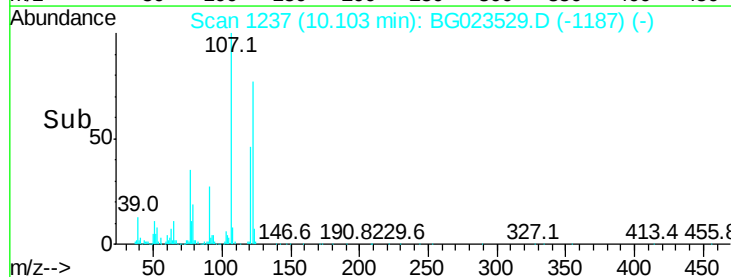
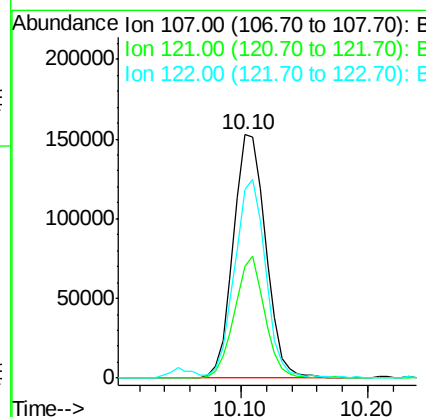
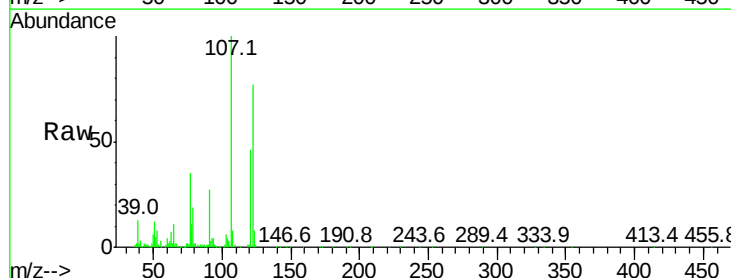
Instrument :  
 BNA\_G  
 ClientSampleId :

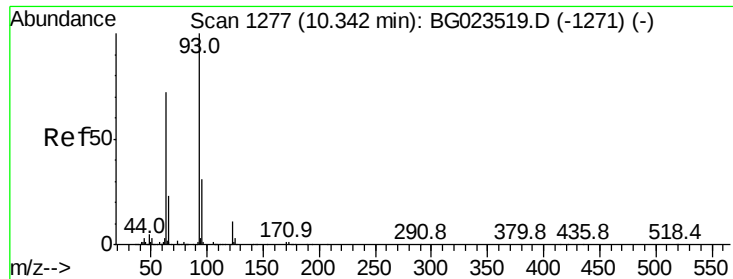
Tot Ion:139 Resp: 122471  
 Ion Ratio Lower Upper  
 139 100  
 65 61.2 31.8 47.8#  
 109 32.9 17.1 25.7#



#24  
 2,4-Dimethylphenol  
 Concen: 21.10 ng/ul  
 RT: 10.10 min Scan# 1237  
 Delta R.T. -0.00 min  
 Lab File: BG023529.D  
 Acq: 6 Aug 2016 19:06

Tgt Ion:107 Resp: 270776  
 Ion Ratio Lower Upper  
 107 100  
 121 45.9 43.7 65.5  
 122 77.3 70.3 105.5





#25

Bis(2-Chloroethoxy)methane

Concen: 20.64 ng/ul

RT: 10.34 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BG023529.D

Acq: 6 Aug 2016 19:06

Instrument :

BNA\_G

ClientSampleId :

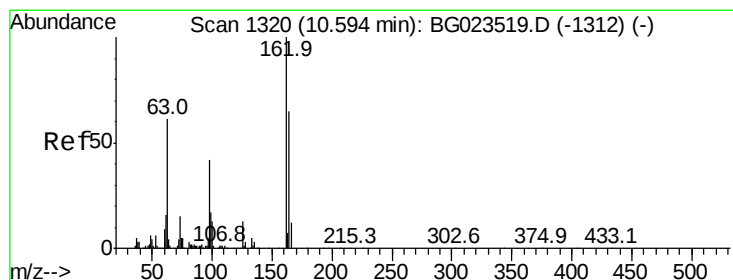
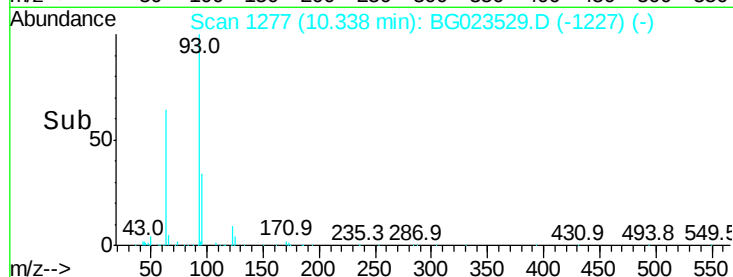
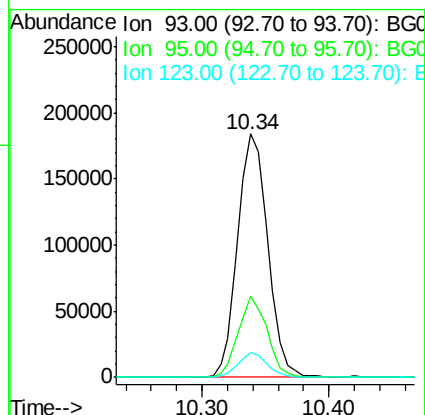
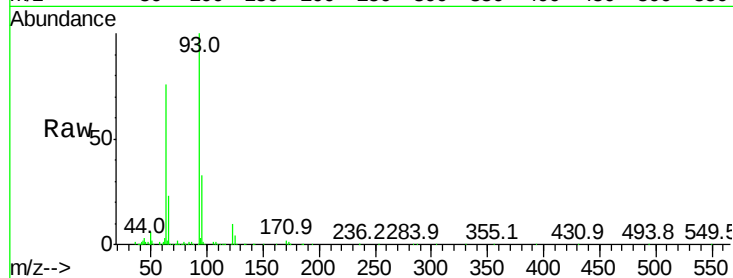
Tot Ion: 93 Resp: 302766

Ion Ratio Lower Upper

93 100

95 33.4 26.0 39.0

123 9.9 10.1 15.1#



#27

2,4-Dichlorophenol

Concen: 20.56 ng/ul

RT: 10.60 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BG023529.D

Acq: 6 Aug 2016 19:06

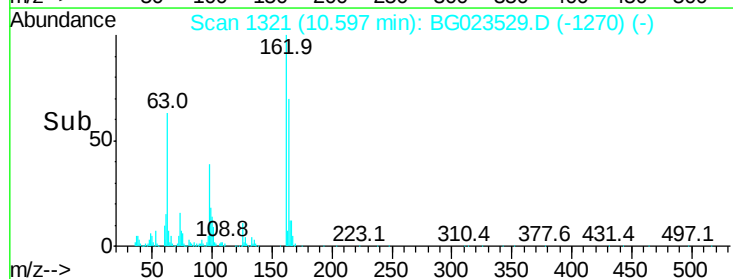
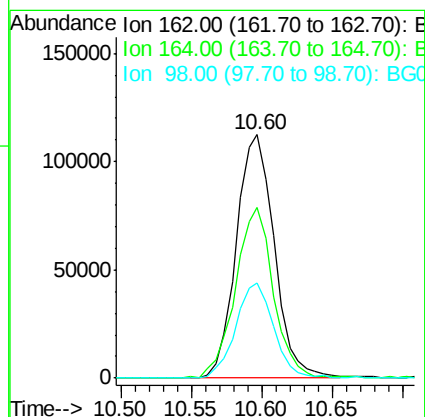
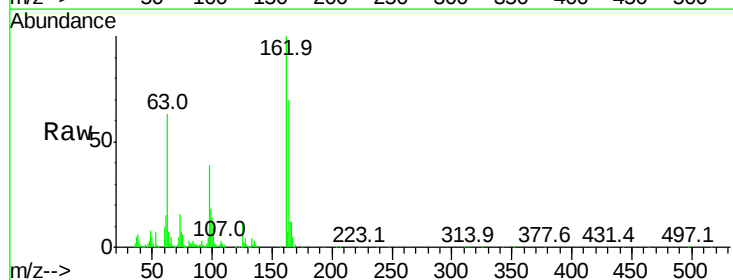
Tgt Ion: 162 Resp: 211834

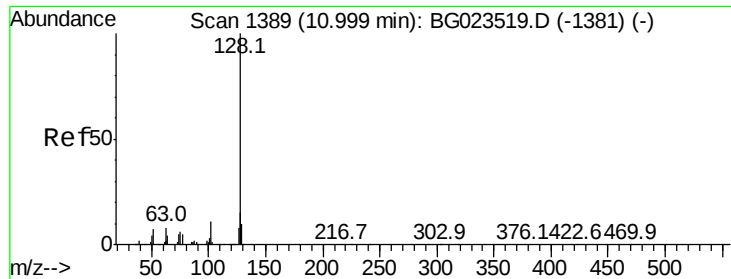
Ion Ratio Lower Upper

162 100

164 70.1 51.6 77.4

98 39.2 28.3 42.5

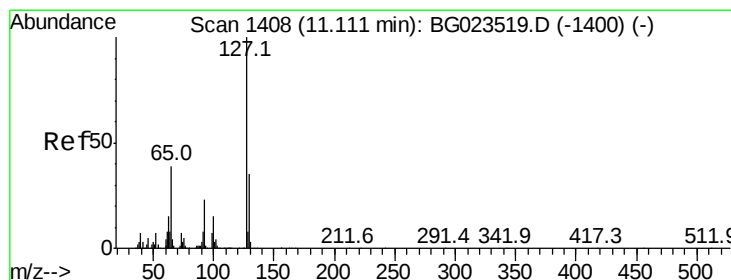
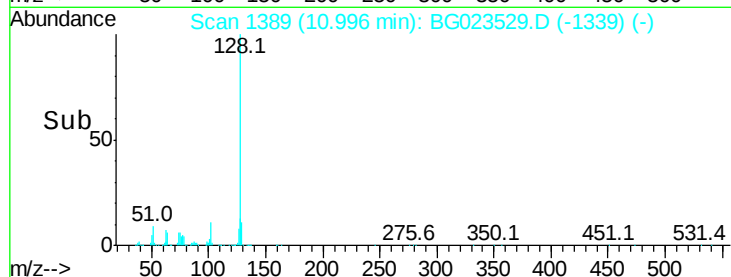
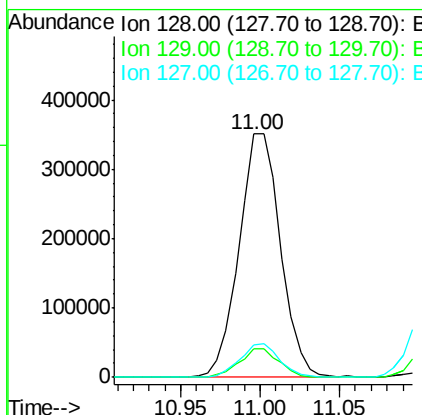
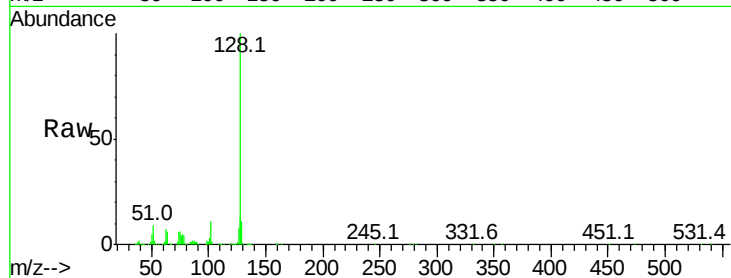




#28  
Naphthalene  
Concen: 20.97 ng/ul  
RT: 11.00 min Scan# 1389  
Delta R.T. -0.00 min  
Lab File: BG023529.D  
Acq: 6 Aug 2016 19:06

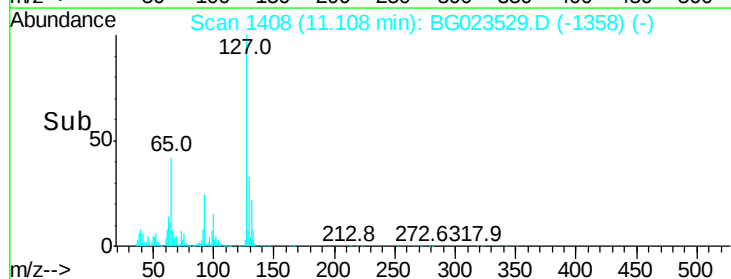
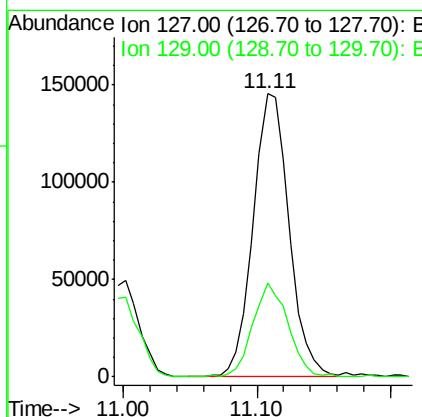
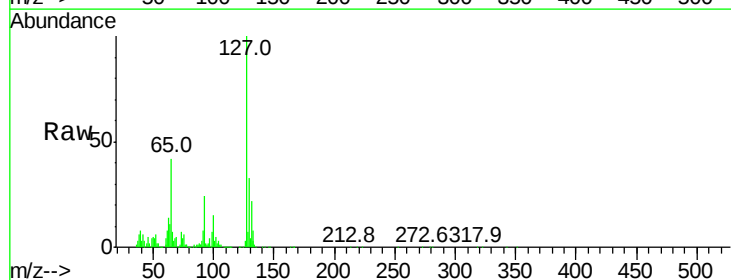
Instrument :  
BNA\_G  
ClientSampleId :

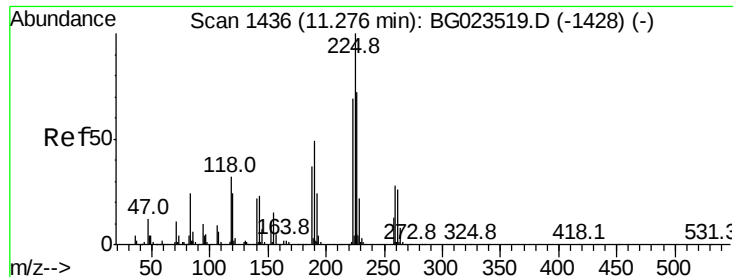
Tot Ion:128 Resp: 637030  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.4 14.2  
127 13.4 11.2 16.8



#30  
4-Chloroaniline  
Concen: 22.77 ng/ul  
RT: 11.11 min Scan# 1408  
Delta R.T. -0.00 min  
Lab File: BG023529.D  
Acq: 6 Aug 2016 19:06

Tgt Ion:127 Resp: 270910  
Ion Ratio Lower Upper  
127 100  
129 33.1 26.9 40.3





#31

Hexachlorobutadiene

Concen: 20.57 ng/ul

RT: 11.28 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BG023529.D

Acq: 6 Aug 2016 19:06

Instrument :

BNA\_G

ClientSampleId :

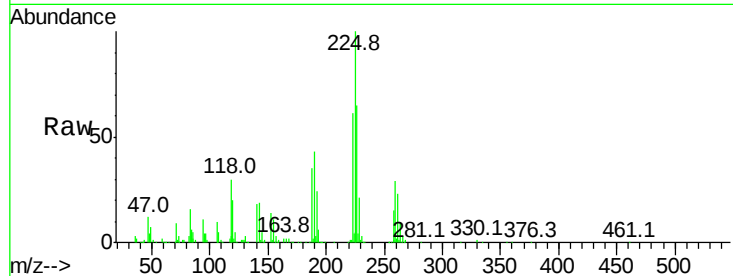
Tot Ion:225 Resp: 141189

Ion Ratio Lower Upper

225 100

223 60.8 54.7 82.1

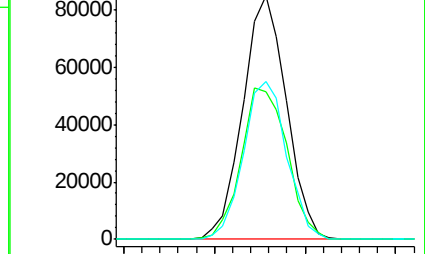
227 64.6 52.2 78.4



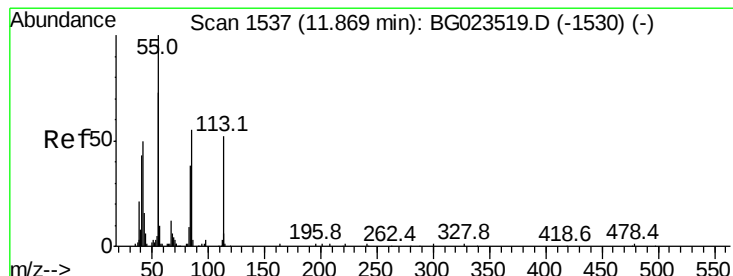
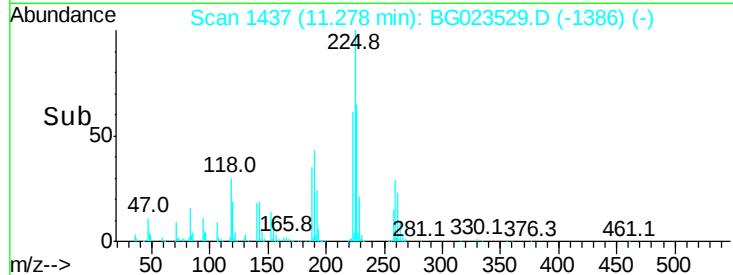
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time--> 11.20 11.25 11.30



#32

Caprolactam

Concen: 18.82 ng/ul

RT: 11.87 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BG023529.D

Acq: 6 Aug 2016 19:06

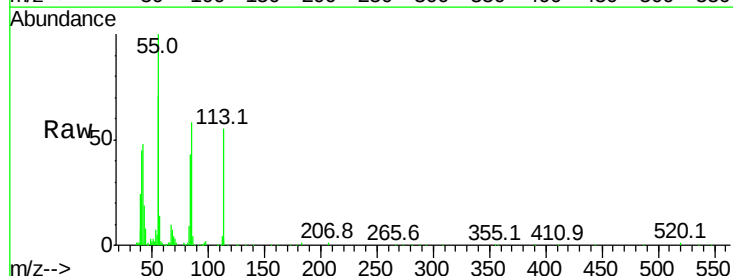
Tgt Ion:113 Resp: 80526

Ion Ratio Lower Upper

113 100

55 183.2 99.6 149.4#

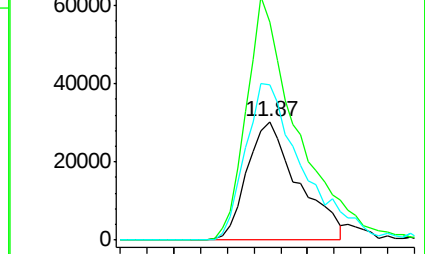
56 130.5 66.4 99.6#



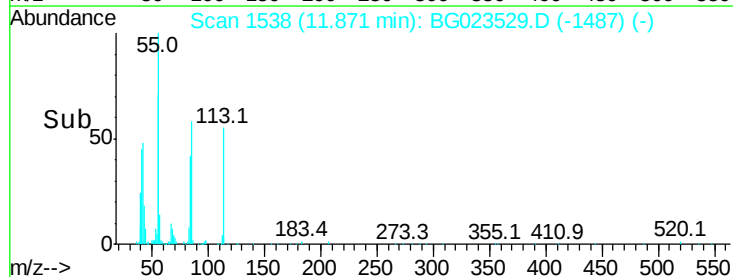
Abundance Ion 113.00 (112.70 to 113.70): E

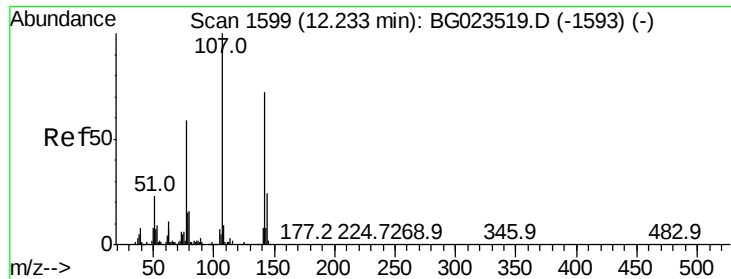
Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



Time--> 11.80 11.90

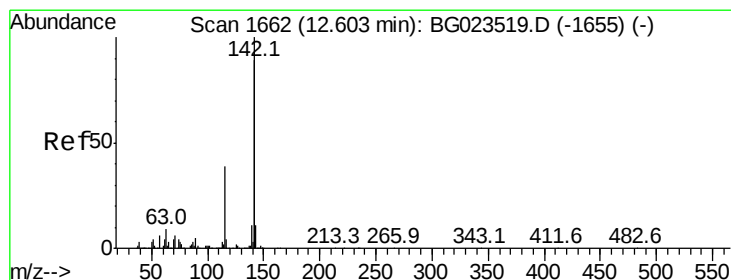
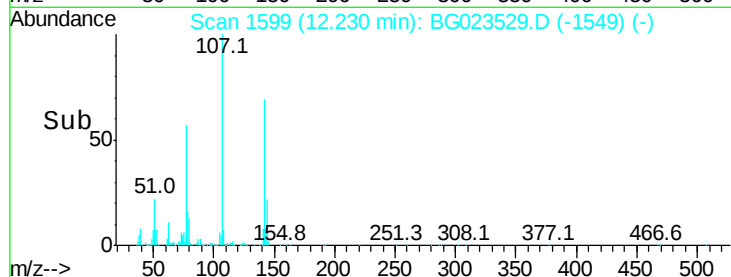
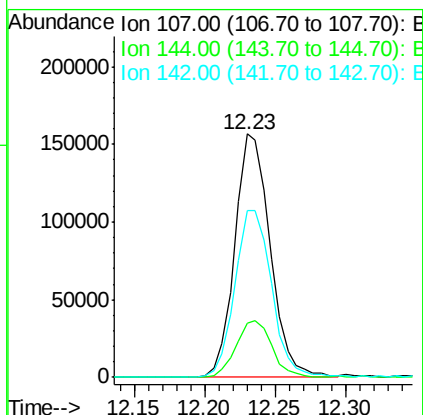
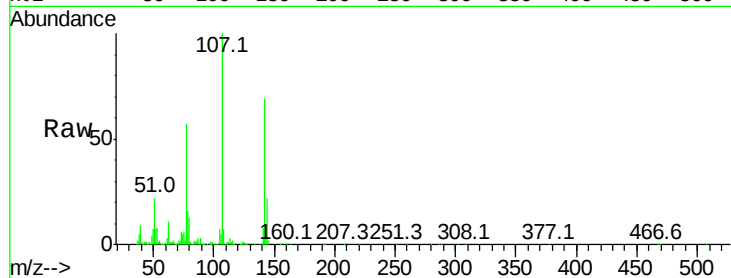




#33  
4-Chloro-3-methylphenol  
Concen: 20.76 ng/ul  
RT: 12.23 min Scan# 1599  
Delta R.T. -0.00 min  
Lab File: BG023529.D  
Acq: 6 Aug 2016 19:06

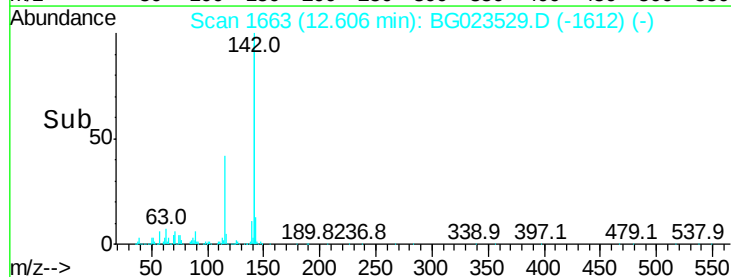
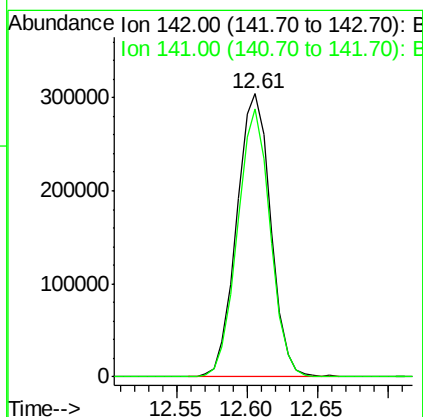
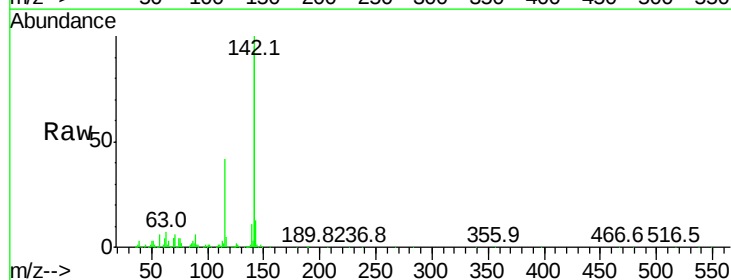
Instrument :  
BNA\_G  
ClientSampleId :

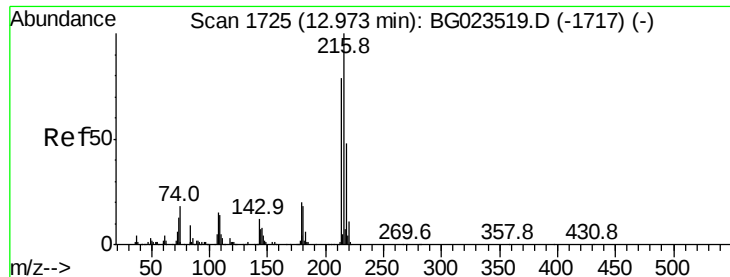
Tot Ion:107 Resp: 275311  
Ion Ratio Lower Upper  
107 100  
144 22.3 22.7 34.1#  
142 68.7 71.6 107.4#



#34  
2-Methylnaphthalene  
Concen: 20.79 ng/ul  
RT: 12.61 min Scan# 1663  
Delta R.T. 0.00 min  
Lab File: BG023529.D  
Acq: 6 Aug 2016 19:06

Tgt Ion:142 Resp: 511971  
Ion Ratio Lower Upper  
142 100  
141 94.6 75.2 112.8





#36

1,2,4,5-Tetrachlorobenzene

Concen: 21.55 ng/ul

RT: 12.97 min Scan# 1725

Delta R.T. -0.00 min

Lab File: BG023529.D

Acq: 6 Aug 2016 19:06

Instrument :

BNA\_G

ClientSampled :

Tot Ion:216 Resp: 293119

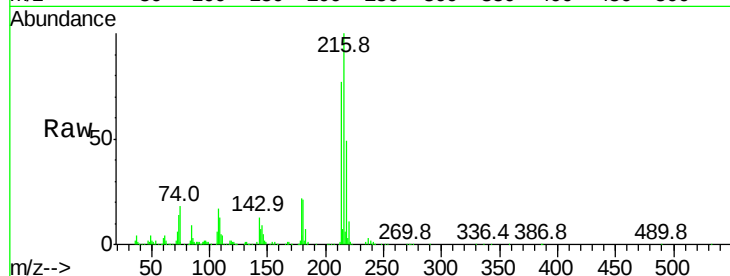
Ion Ratio Lower Upper

216 100

214 77.1 61.7 92.5

179 22.2 17.0 25.4

108 17.2 14.2 21.2

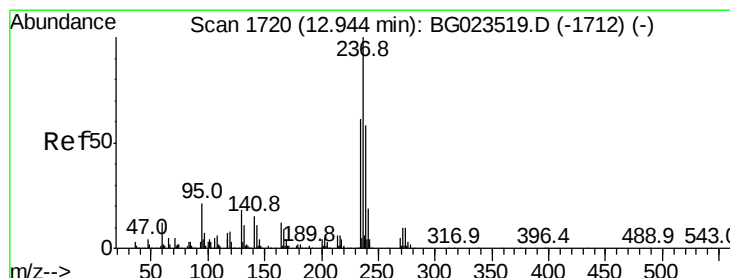
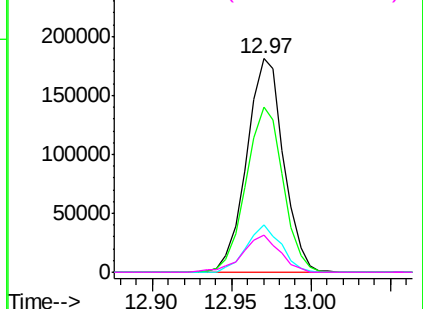
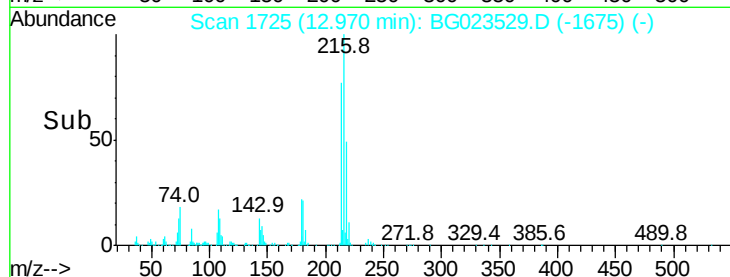


Abundance Ion 216.00 (215.70 to 216.70): E

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



#37

Hexachlorocyclopentadiene

Concen: 18.59 ng/ul

RT: 12.95 min Scan# 1721

Delta R.T. 0.00 min

Lab File: BG023529.D

Acq: 6 Aug 2016 19:06

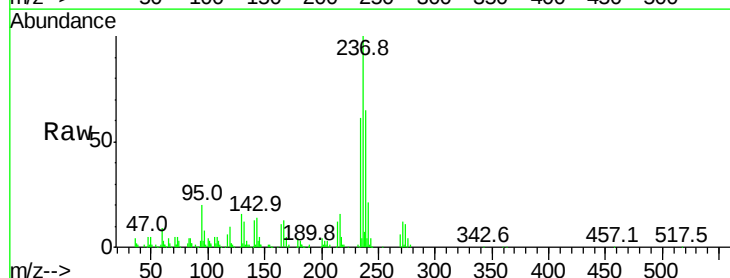
Tgt Ion:237 Resp: 139862

Ion Ratio Lower Upper

237 100

235 60.9 49.6 74.4

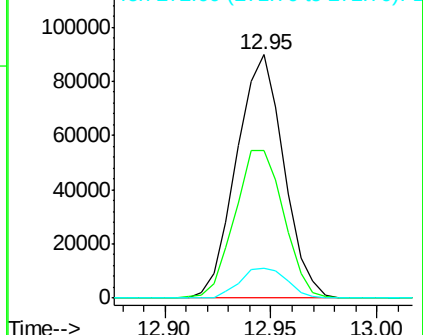
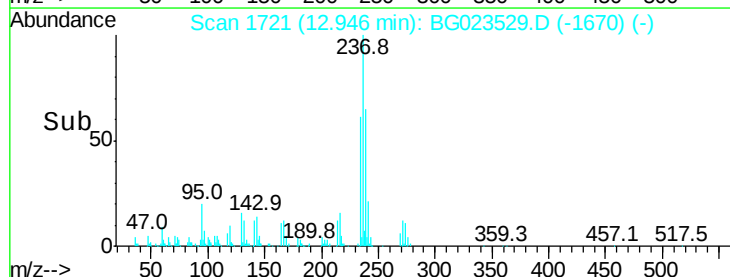
272 12.2 9.3 13.9

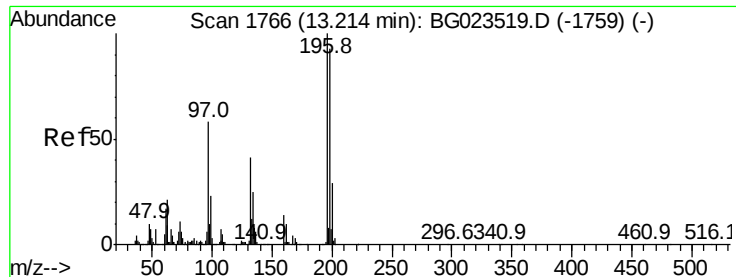


Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E

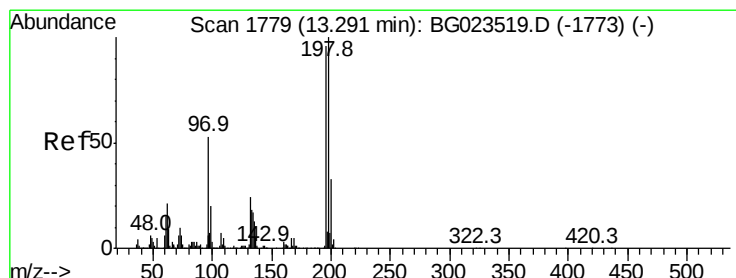
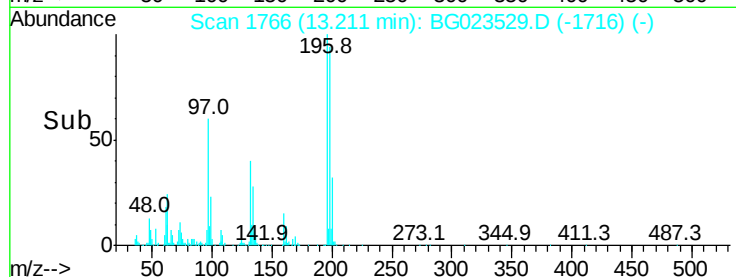
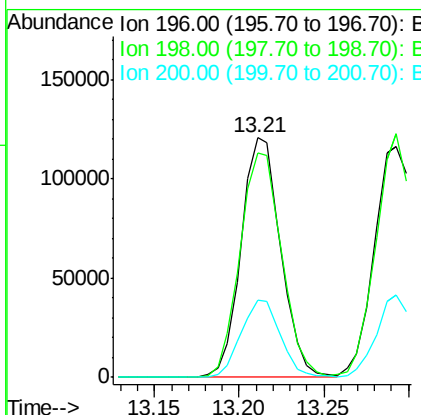
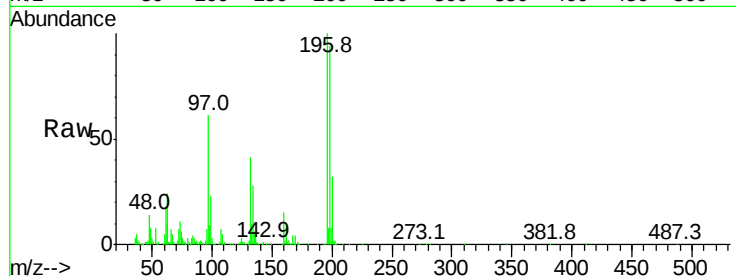




#38  
 2,4,6-Trichlorophenol  
 Concen: 20.88 ng/ul  
 RT: 13.21 min Scan# 1766  
 Delta R.T. -0.00 min  
 Lab File: BG023529.D  
 Acq: 6 Aug 2016 19:06

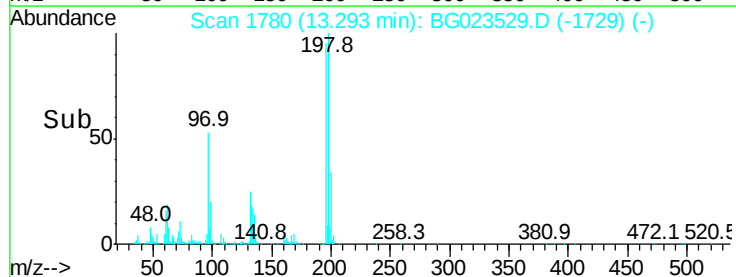
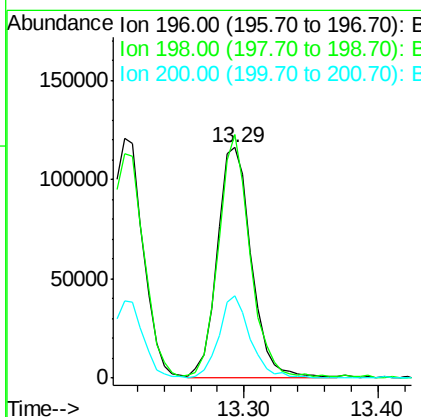
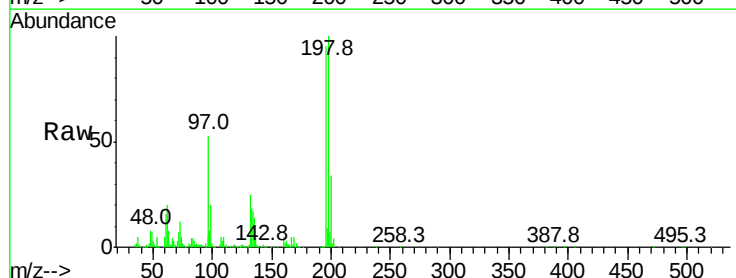
Instrument :  
 BNA\_G  
 ClientSampleId :

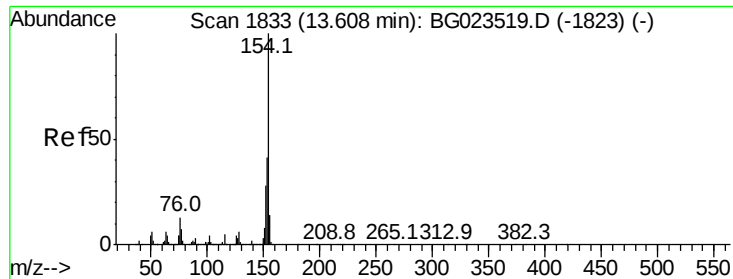
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 93.7  | 77.4  | 116.0 |
| 200     | 32.0  | 26.6  | 39.8  |



#39  
 2,4,5-Trichlorophenol  
 Concen: 20.57 ng/ul  
 RT: 13.29 min Scan# 1780  
 Delta R.T. 0.00 min  
 Lab File: BG023529.D  
 Acq: 6 Aug 2016 19:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 105.6 | 79.8  | 119.8 |
| 200     | 35.7  | 24.0  | 36.0  |





#40

1,1'-Biphenyl

Concen: 21.36 ng/ul

RT: 13.61 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BG023529.D

Acq: 6 Aug 2016 19:06

Instrument :

BNA\_G

ClientSampled :

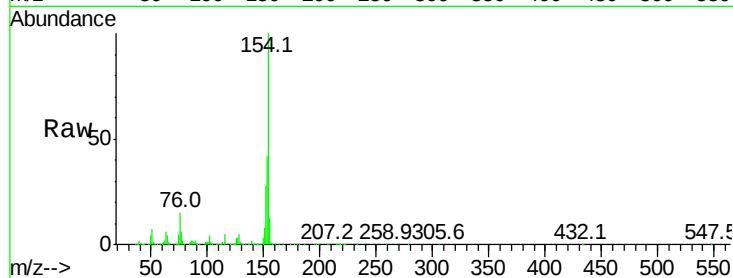
Tot Ion:154 Resp: 695545

Ion Ratio Lower Upper

154 100

153 42.5 34.6 52.0

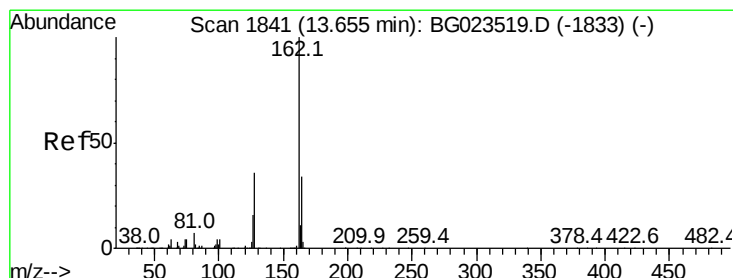
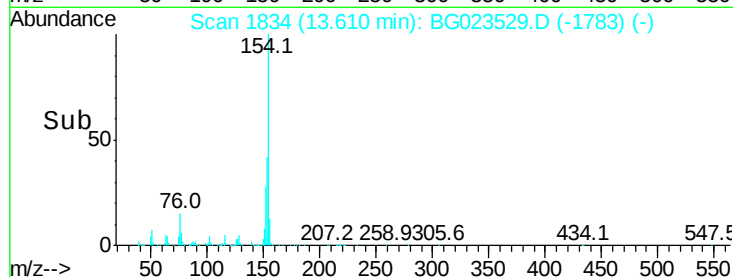
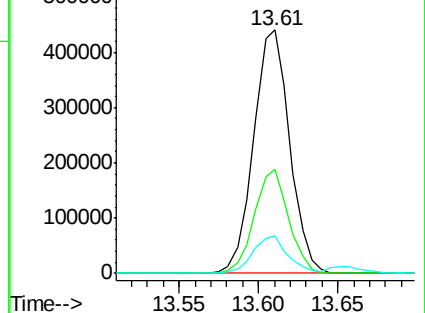
76 15.3 11.9 17.9



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



#41

2-Chloronaphthalene

Concen: 20.67 ng/ul

RT: 13.66 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BG023529.D

Acq: 6 Aug 2016 19:06

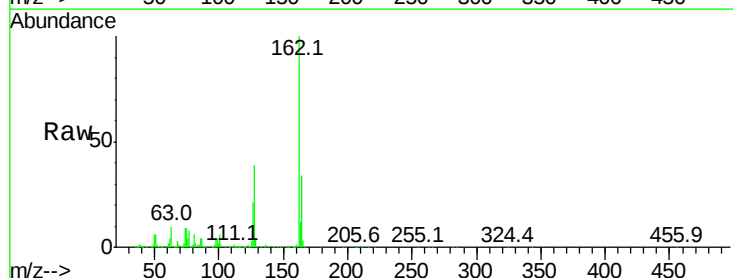
Tgt Ion:162 Resp: 523234

Ion Ratio Lower Upper

162 100

164 33.9 25.4 38.2

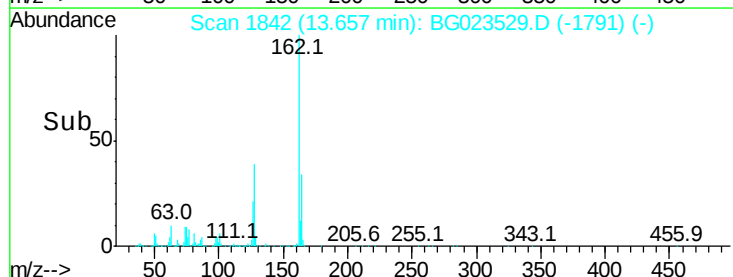
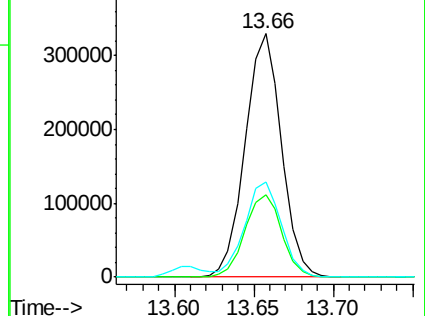
127 39.2 30.2 45.4

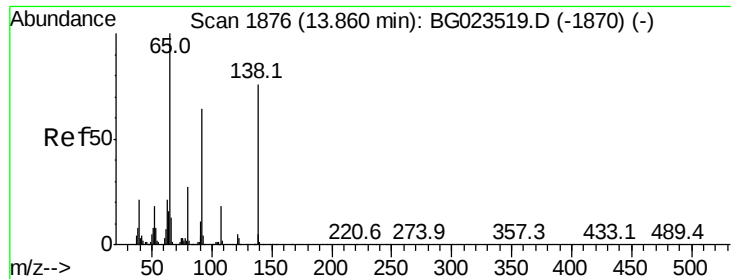


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E

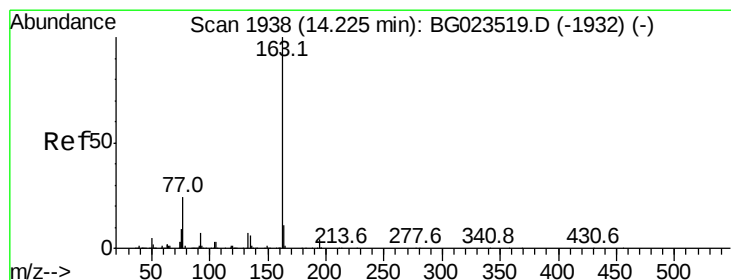
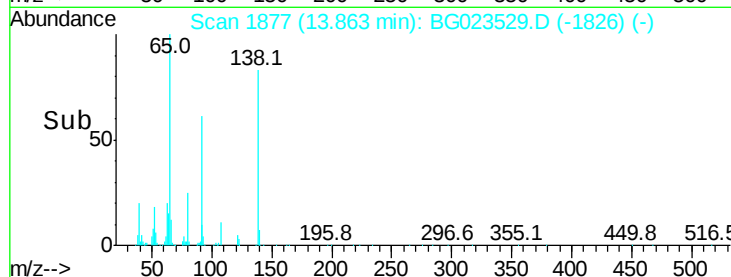
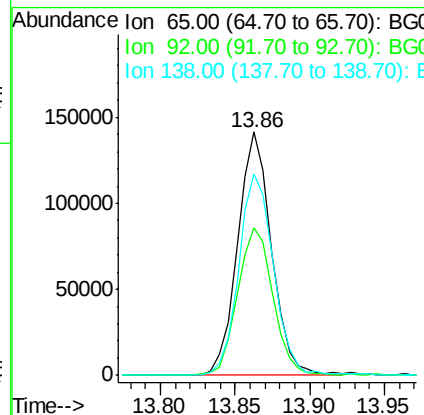
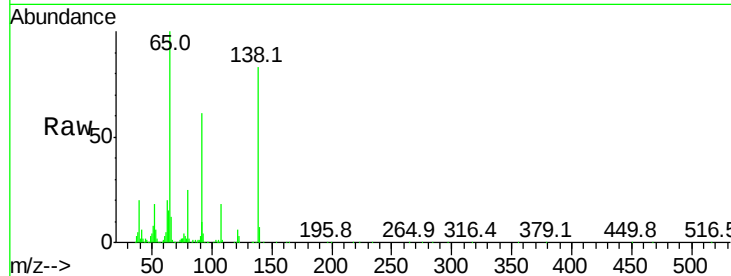




#42  
2-Nitroaniline  
Concen: 21.58 ng/ul  
RT: 13.86 min Scan# 1877  
Delta R.T. 0.00 min  
Lab File: BG023529.D  
Acq: 6 Aug 2016 19:06

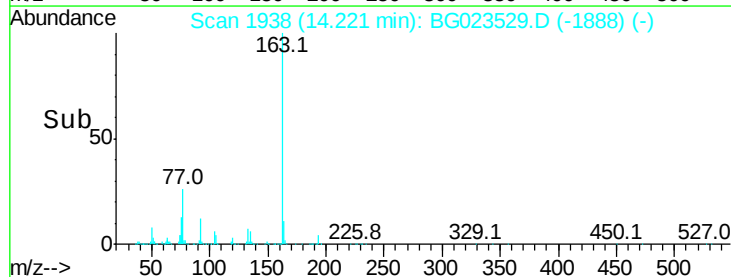
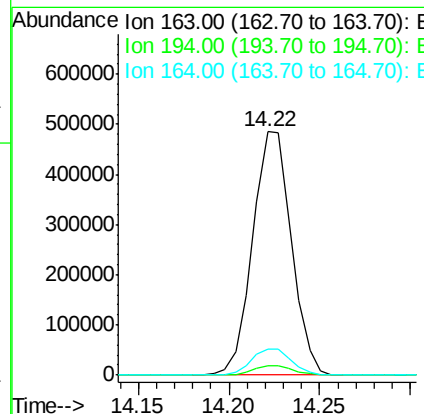
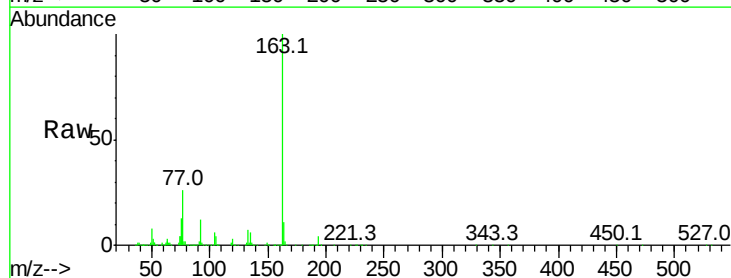
Instrument :  
BNA\_G  
ClientSampleId :

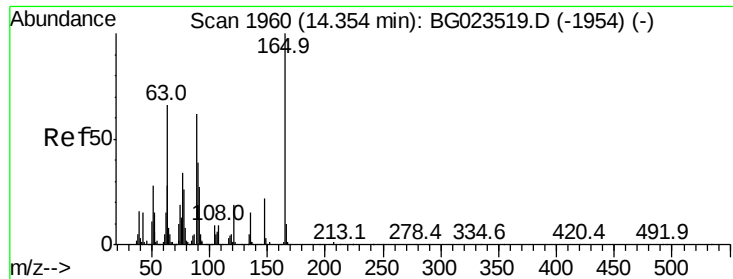
Tot Ion: 65 Resp: 223067  
Ion Ratio Lower Upper  
65 100  
92 60.8 67.1 100.7#  
138 82.9 109.6 164.4#



#44  
Dimethylphthalate  
Concen: 20.20 ng/ul  
RT: 14.22 min Scan# 1938  
Delta R.T. -0.00 min  
Lab File: BG023529.D  
Acq: 6 Aug 2016 19:06

Tgt Ion:163 Resp: 725507  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.4 5.2  
164 10.7 8.8 13.2

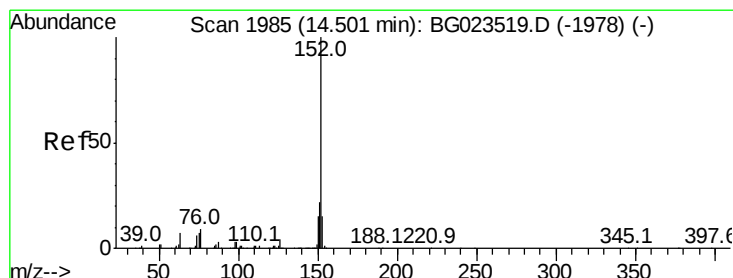
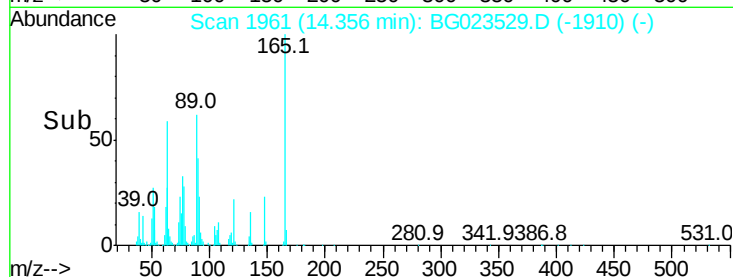
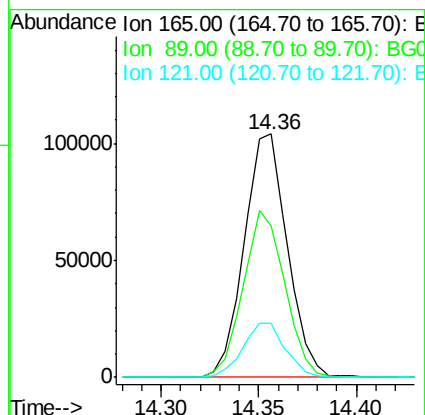
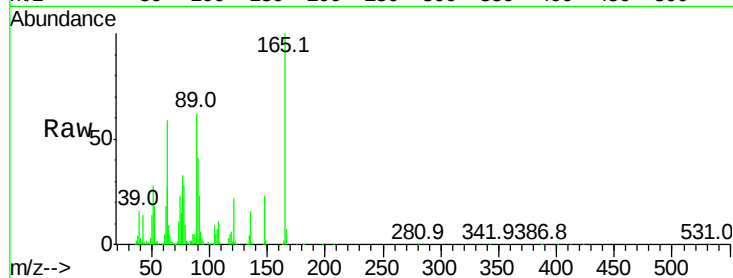




#45  
 2,6-Dinitrotoluene  
 Concen: 20.47 ng/ul  
 RT: 14.36 min Scan# 1961  
 Delta R.T. 0.00 min  
 Lab File: BG023529.D  
 Acq: 6 Aug 2016 19:06

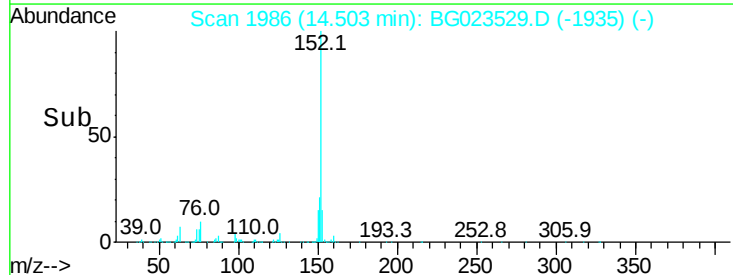
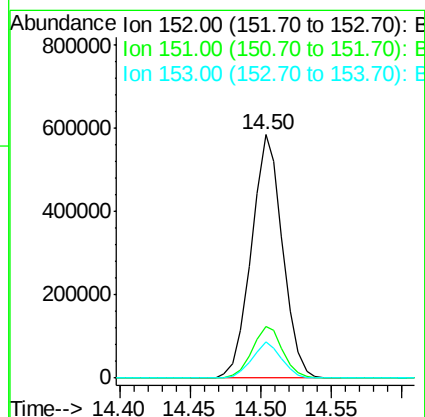
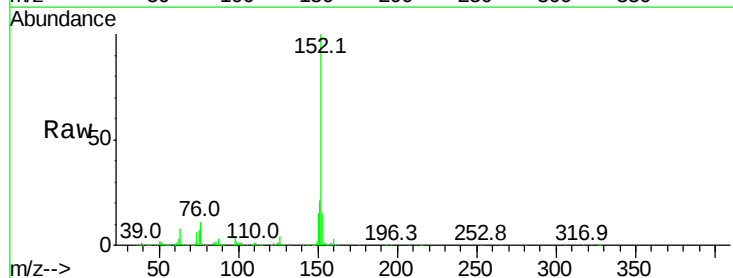
Instrument :  
 BNA\_G  
 ClientSampleId :

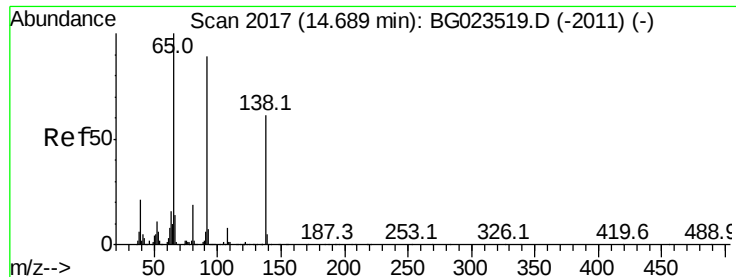
Tot Ion:165 Resp: 159377  
 Ion Ratio Lower Upper  
 165 100  
 89 62.4 41.5 62.3#  
 121 22.2 17.0 25.4



#47  
 Acenaphthylene  
 Concen: 21.21 ng/ul  
 RT: 14.50 min Scan# 1986  
 Delta R.T. 0.00 min  
 Lab File: BG023529.D  
 Acq: 6 Aug 2016 19:06

Tgt Ion:152 Resp: 905826  
 Ion Ratio Lower Upper  
 152 100  
 151 21.0 17.5 26.3  
 153 14.7 11.1 16.7

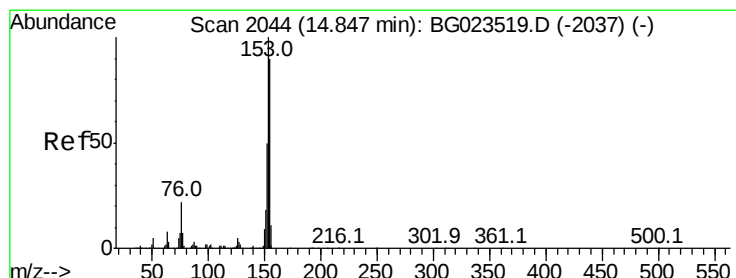
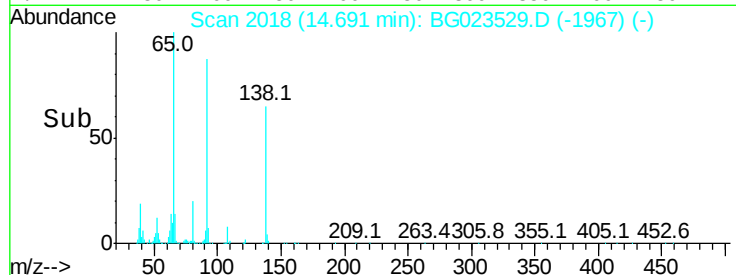
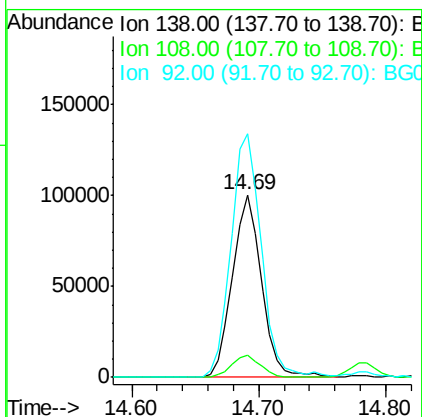
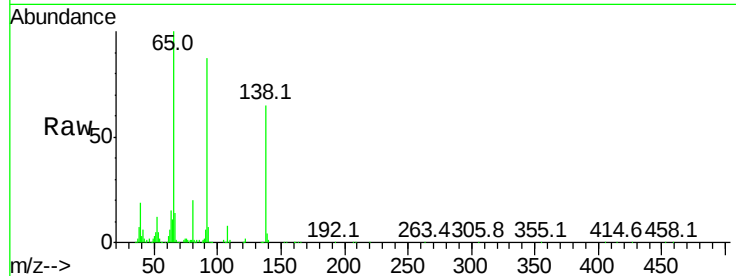




#48  
3-Nitroaniline  
Concen: 21.77 ng/ul  
RT: 14.69 min Scan# 2018  
Delta R.T. 0.00 min  
Lab File: BG023529.D  
Acq: 6 Aug 2016 19:06

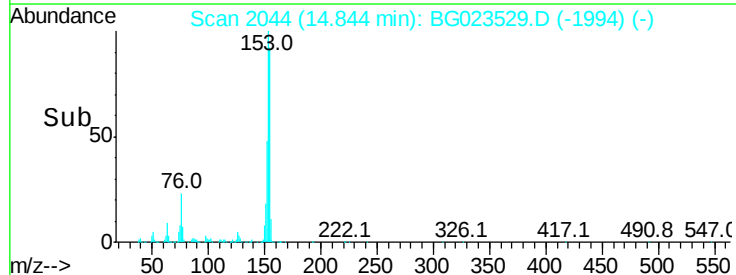
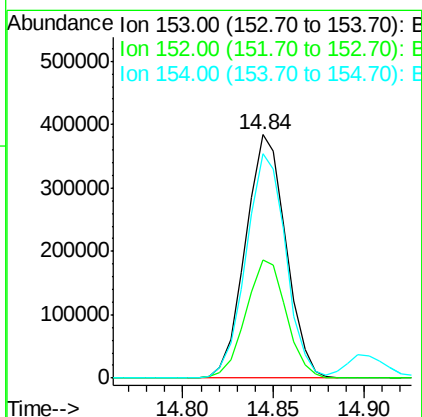
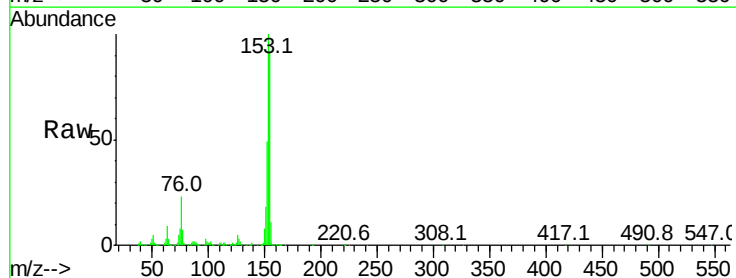
Instrument :  
BNA\_G  
ClientSampleId :

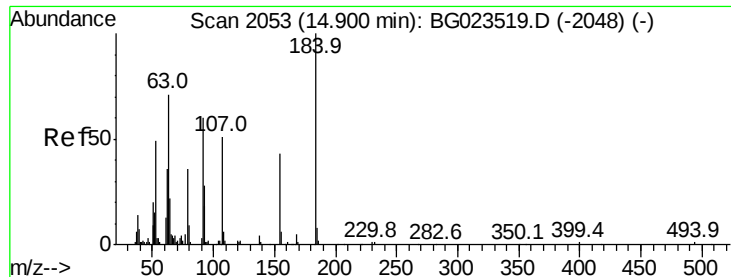
Tot Ion:138 Resp: 159376  
Ion Ratio Lower Upper  
138 100  
108 12.0 6.2 9.2#  
92 133.7 79.3 118.9#



#49  
Acenaphthene  
Concen: 20.58 ng/ul  
RT: 14.84 min Scan# 2044  
Delta R.T. -0.00 min  
Lab File: BG023529.D  
Acq: 6 Aug 2016 19:06

Tgt Ion:153 Resp: 598757  
Ion Ratio Lower Upper  
153 100  
152 48.7 37.3 55.9  
154 92.0 68.2 102.2

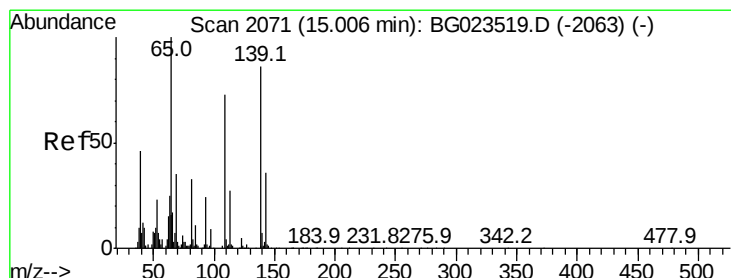
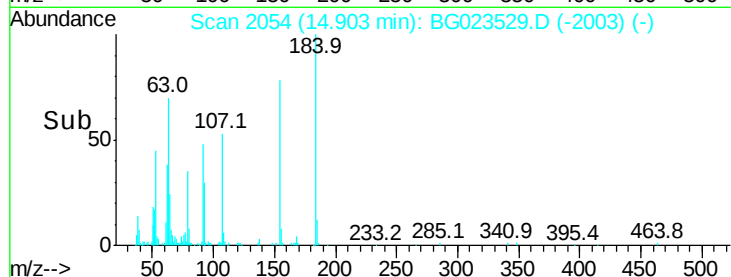
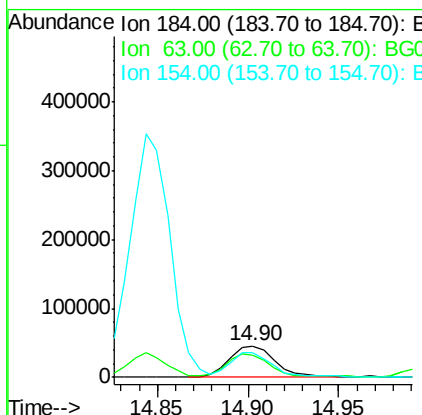
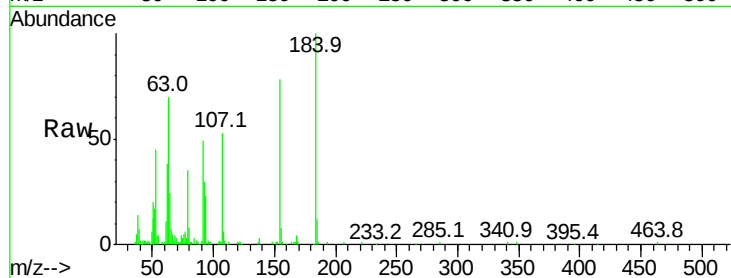




#50  
2,4-Dinitrophenol  
Concen: 16.97 ng/ul  
RT: 14.90 min Scan# 2054  
Delta R.T. 0.00 min  
Lab File: BG023529.D  
Acq: 6 Aug 2016 19:06

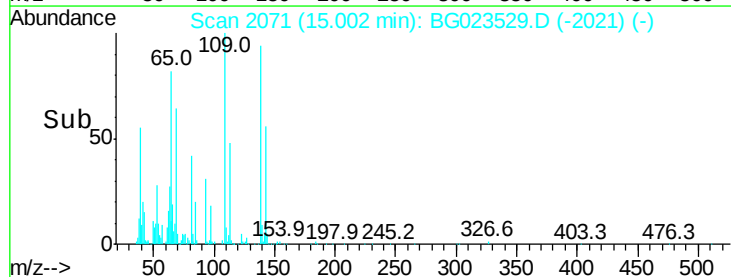
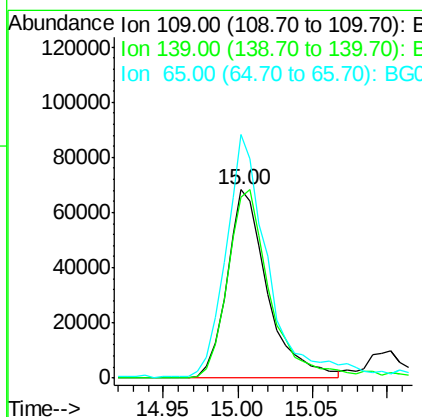
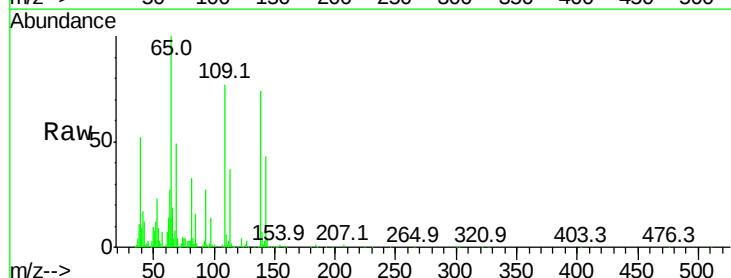
Instrument :  
BNA\_G  
ClientSampleId :

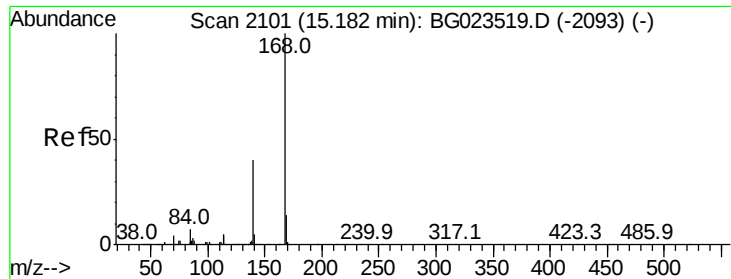
Tot Ion:184 Resp: 81534  
Ion Ratio Lower Upper  
184 100  
63 70.4 40.5 60.7#  
154 77.7 48.5 72.7#



#52  
4-Nitrophenol  
Concen: 20.83 ng/ul  
RT: 15.00 min Scan# 2071  
Delta R.T. -0.00 min  
Lab File: BG023529.D  
Acq: 6 Aug 2016 19:06

Tgt Ion:109 Resp: 129178  
Ion Ratio Lower Upper  
109 100  
139 96.2 136.1 204.1#  
65 129.3 106.0 159.0





#53

Dibenzenofuran

Concen: 20.39 ng/ul

RT: 15.18 min Scan# 2101

Delta R.T. -0.00 min

Lab File: BG023529.D

Acq: 6 Aug 2016 19:06

Instrument :

BNA\_G

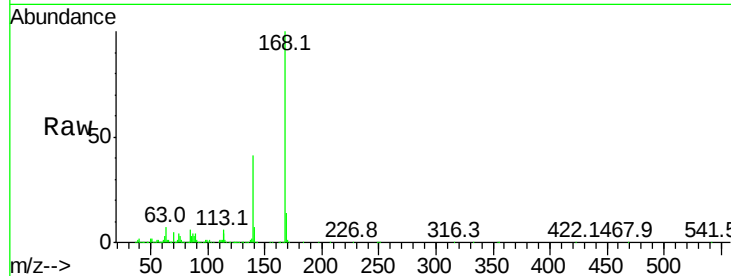
ClientSampleId :

Tot Ion:168 Resp: 878914

Ion Ratio Lower Upper

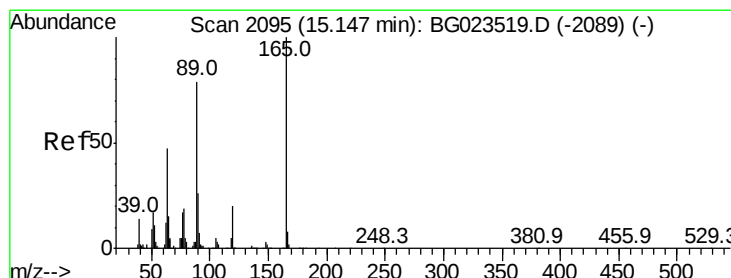
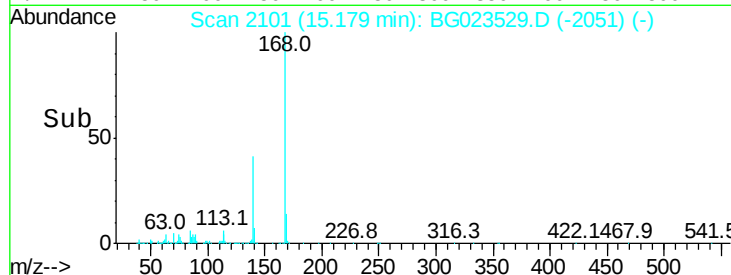
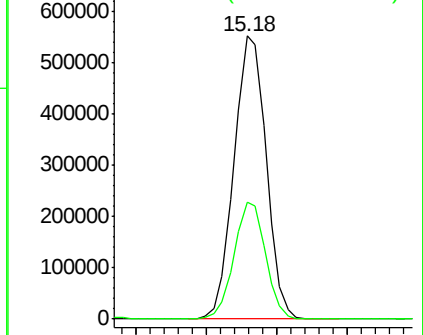
168 100

139 41.2 27.4 41.0#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#54

2,4-Dinitrotoluene

Concen: 20.22 ng/ul

RT: 15.14 min Scan# 2095

Delta R.T. -0.00 min

Lab File: BG023529.D

Acq: 6 Aug 2016 19:06

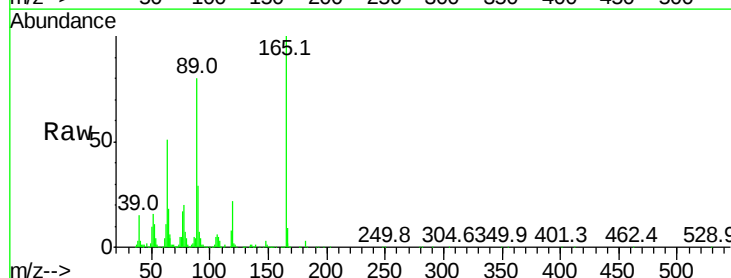
Tgt Ion:165 Resp: 238549

Ion Ratio Lower Upper

165 100

63 50.8 25.7 38.5#

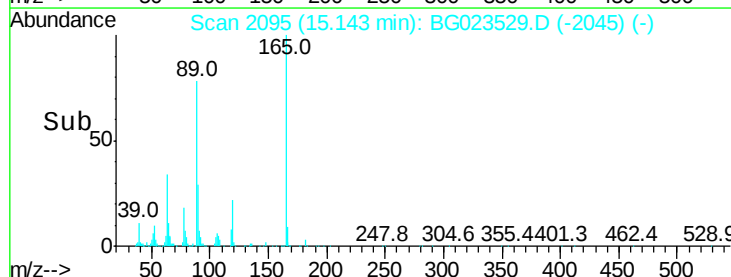
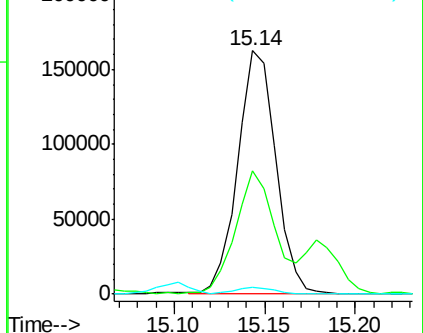
182 2.8 2.1 3.1

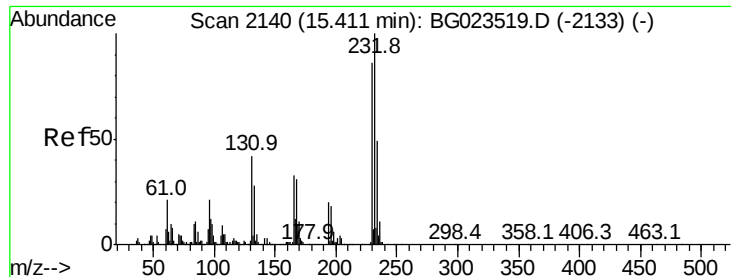


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 182.00 (181.70 to 182.70): E





#55

2,3,4,6-Tetrachlorophenol

Concen: 20.37 ng/ul

RT: 15.41 min Scan# 2141

Delta R.T. 0.00 min

Lab File: BG023529.D

Acq: 6 Aug 2016 19:06

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:232 Resp: 211364

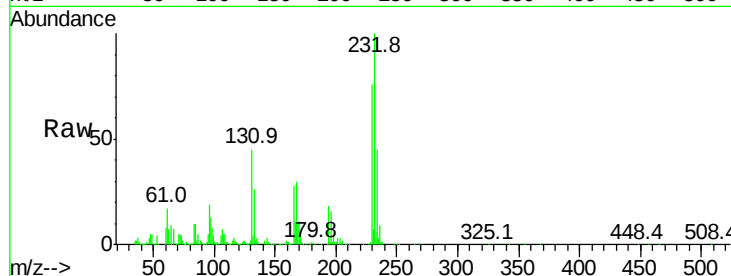
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 232 | 100   |       |       |
| 131 | 45.4  | 34.8  | 52.2  |
| 130 | 2.4   | 2.2   | 3.2   |
| 166 | 27.9  | 23.8  | 35.6  |

232 100

131 45.4 34.8 52.2

130 2.4 2.2 3.2

166 27.9 23.8 35.6

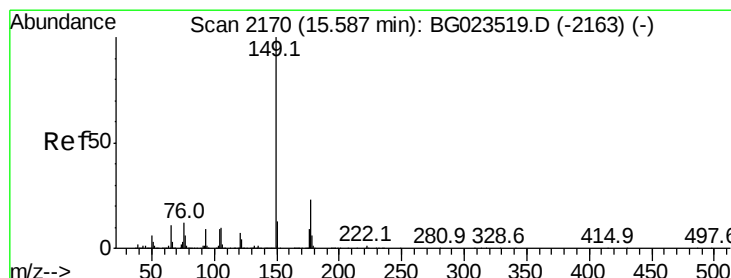
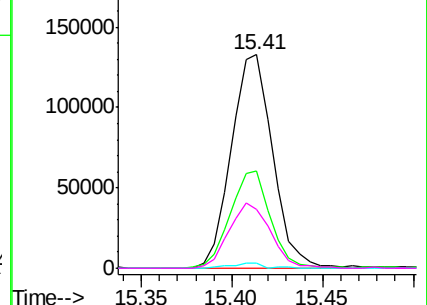
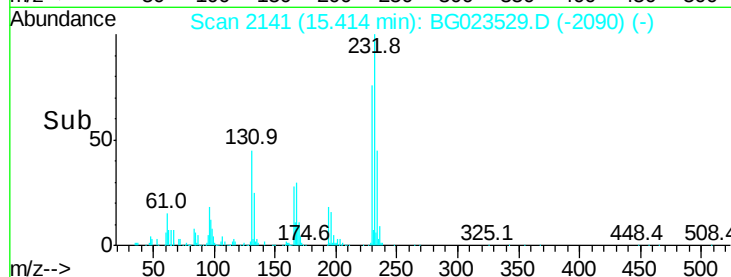


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#56

Diethylphthalate

Concen: 20.04 ng/ul

RT: 15.58 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BG023529.D

Acq: 6 Aug 2016 19:06

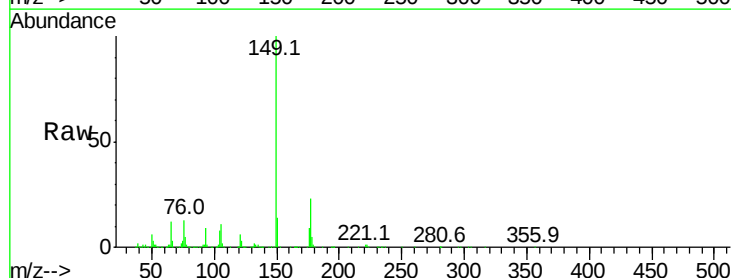
Tgt Ion:149 Resp: 752429

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 23.2  | 17.4  | 26.2  |
| 150 | 14.2  | 9.6   | 14.4  |

149 100

177 23.2 17.4 26.2

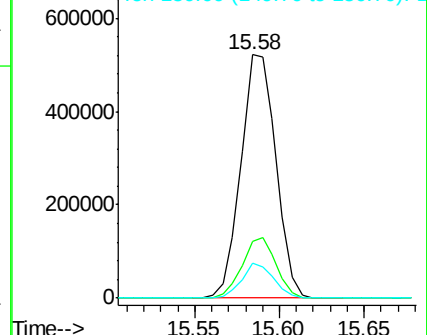
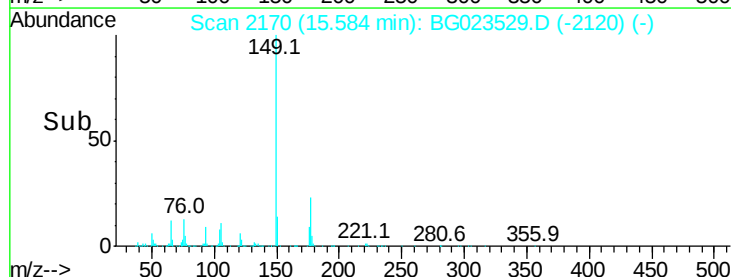
150 14.2 9.6 14.4

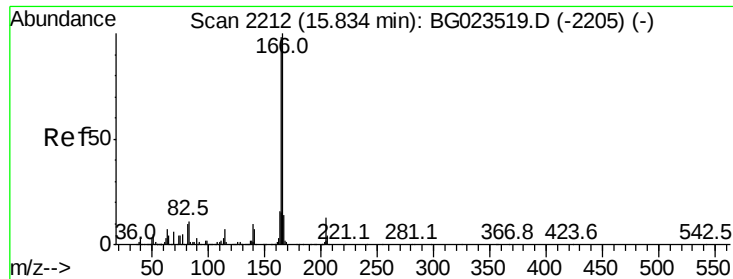


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#58

Fluorene

Concen: 19.98 ng/ul

RT: 15.84 min Scan# 2213

Delta R.T. 0.00 min

Lab File: BG023529.D

Acq: 6 Aug 2016 19:06

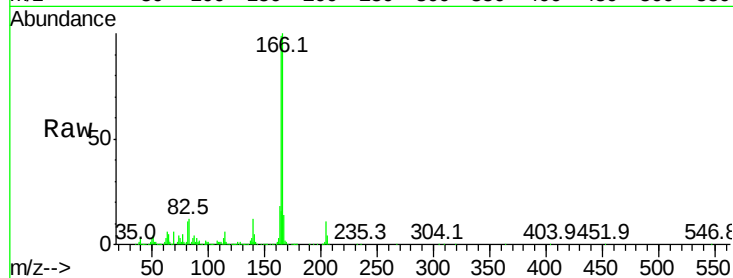
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:166 Resp: 717616

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 166 | 100   |       |       |
| 165 | 99.4  | 80.3  | 120.5 |
| 167 | 14.1  | 10.3  | 15.5  |

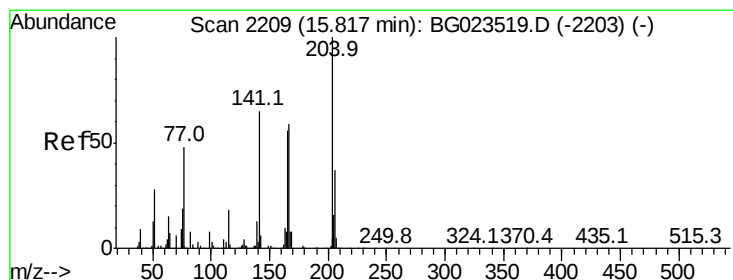
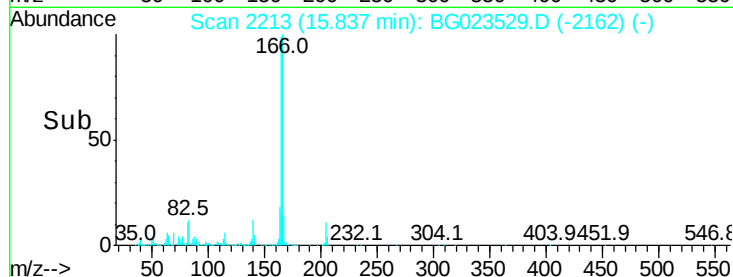
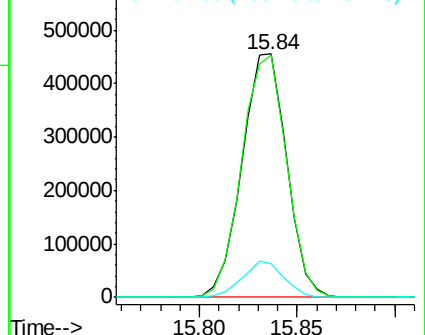


Abundance

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



#59

4-Chlorophenyl-phenylether

Concen: 20.40 ng/ul

RT: 15.82 min Scan# 2210

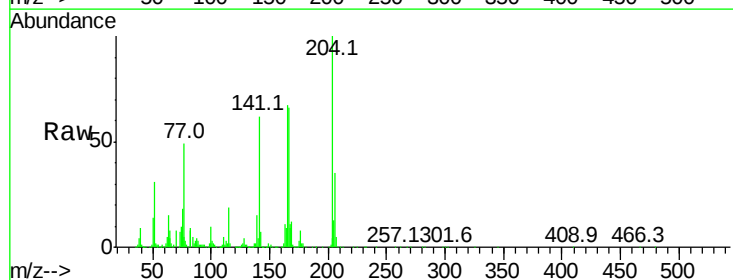
Delta R.T. 0.00 min

Lab File: BG023529.D

Acq: 6 Aug 2016 19:06

Tgt Ion:204 Resp: 368587

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 204 | 100   |       |       |
| 206 | 35.1  | 27.4  | 41.2  |
| 141 | 62.0  | 47.1  | 70.7  |

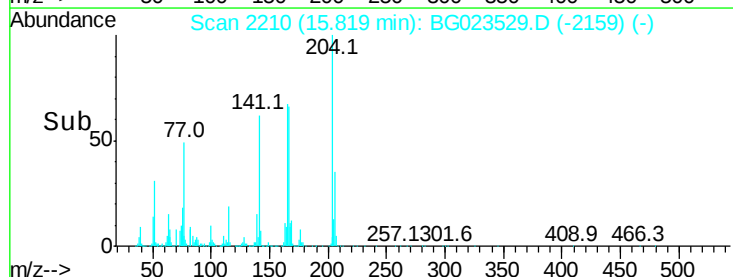
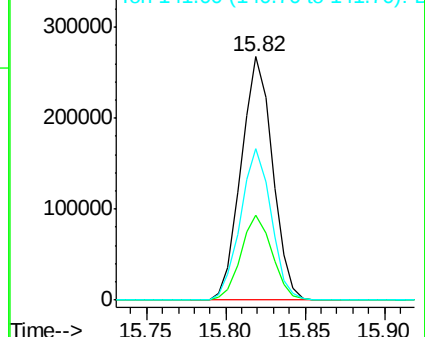


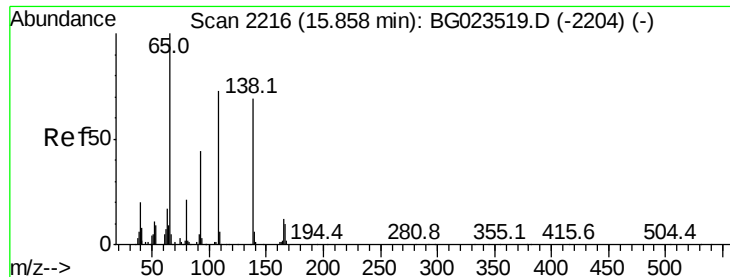
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

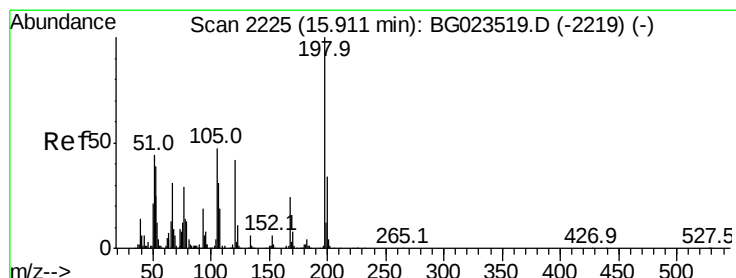
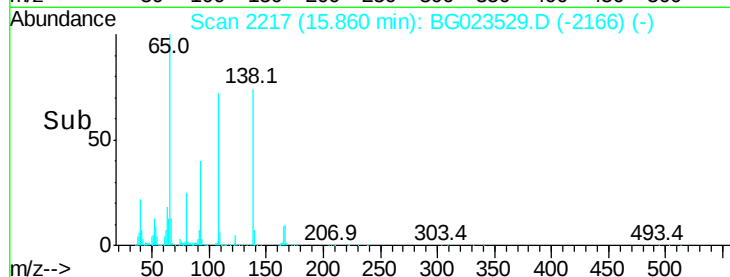
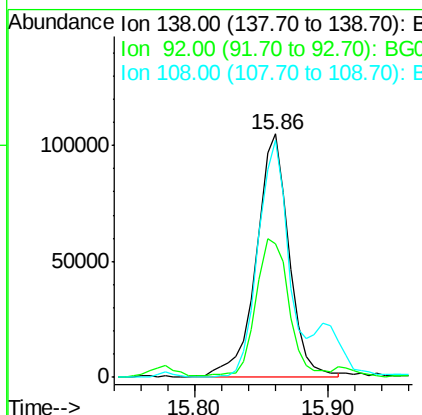
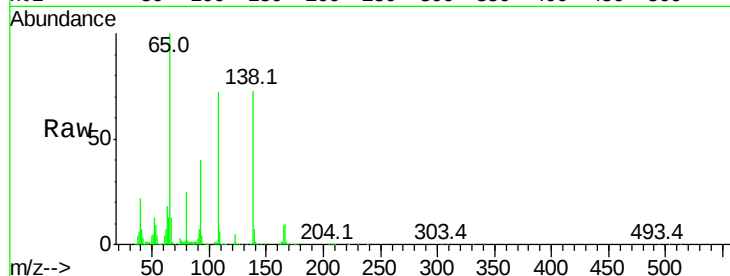




#60  
4-Nitroaniline  
Concen: 20.98 ng/ul  
RT: 15.86 min Scan# 2217  
Delta R.T. 0.00 min  
Lab File: BG023529.D  
Acq: 6 Aug 2016 19:06

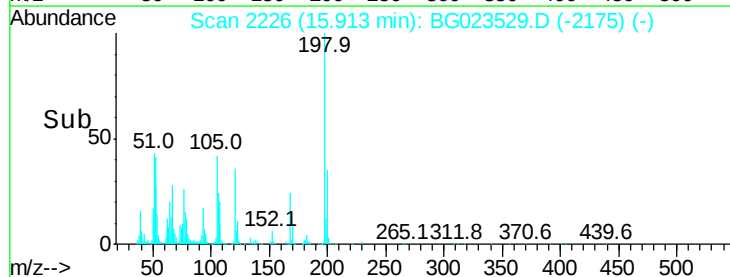
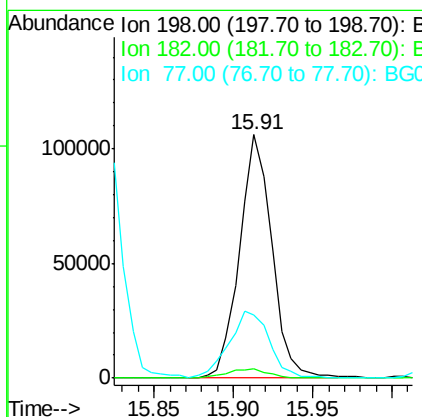
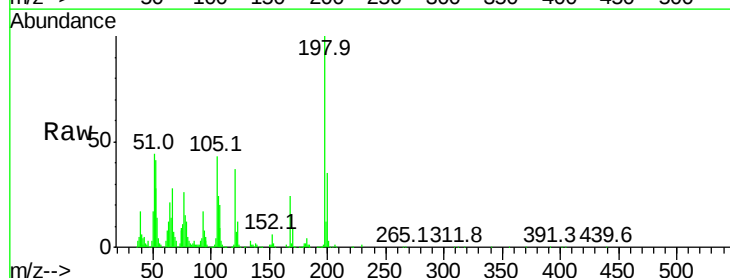
Instrument :  
BNA\_G  
ClientSampleId :

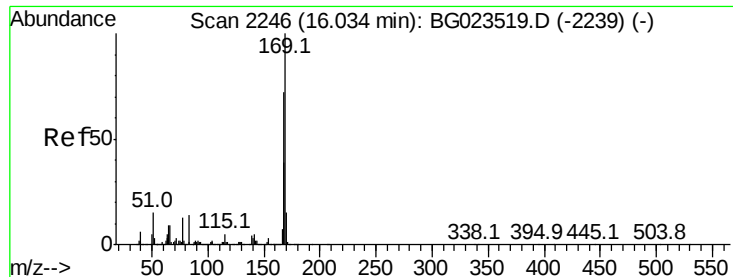
Tot Ion:138 Resp: 178165  
Ion Ratio Lower Upper  
138 100  
92 54.8 39.0 58.4  
108 97.6 49.2 73.8#



#63  
4,6-Dinitro-2-methylphenol  
Concen: 20.79 ng/ul  
RT: 15.91 min Scan# 2226  
Delta R.T. 0.00 min  
Lab File: BG023529.D  
Acq: 6 Aug 2016 19:06

Tgt Ion:198 Resp: 150690  
Ion Ratio Lower Upper  
198 100  
182 3.7 4.2 6.2#  
77 25.9 16.7 25.1#





#64

N-Nitrosodiphenylamine

Concen: 22.16 ng/ul

RT: 16.04 min Scan# 2247

Delta R.T. 0.00 min

Lab File: BG023529.D

Acq: 6 Aug 2016 19:06

Instrument :

BNA\_G

ClientSampleId :

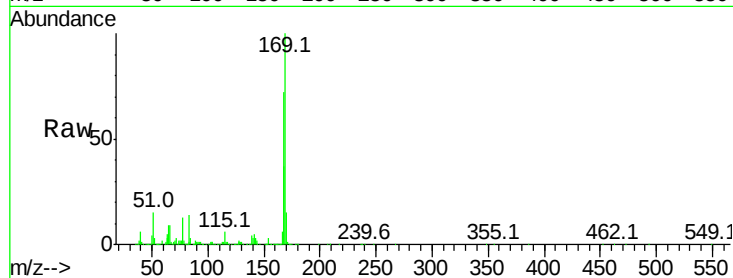
Tot Ion:169 Resp: 666484

Ion Ratio Lower Upper

169 100

168 71.9 59.0 88.6

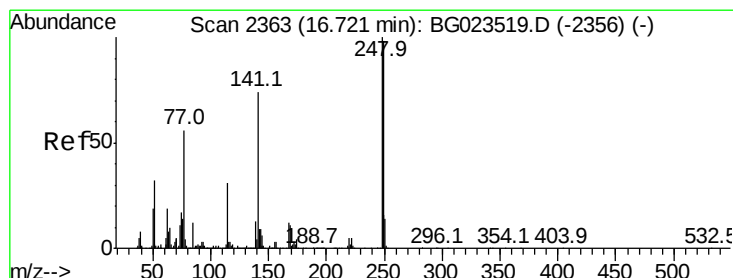
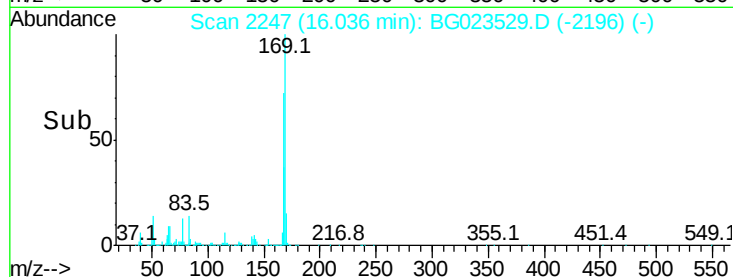
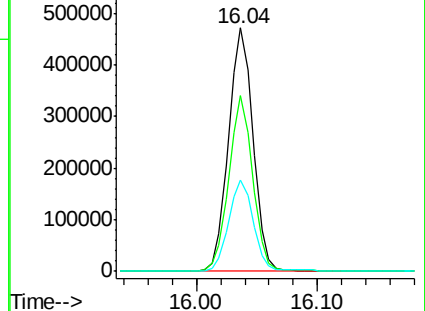
167 37.4 30.6 46.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#65

4-Bromophenyl-phenylether

Concen: 21.21 ng/ul

RT: 16.72 min Scan# 2364

Delta R.T. 0.00 min

Lab File: BG023529.D

Acq: 6 Aug 2016 19:06

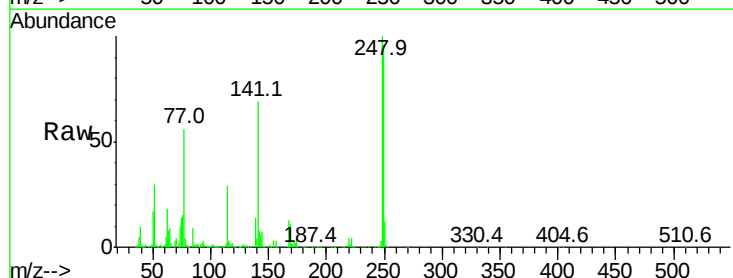
Tgt Ion:248 Resp: 261819

Ion Ratio Lower Upper

248 100

250 95.6 76.6 114.8

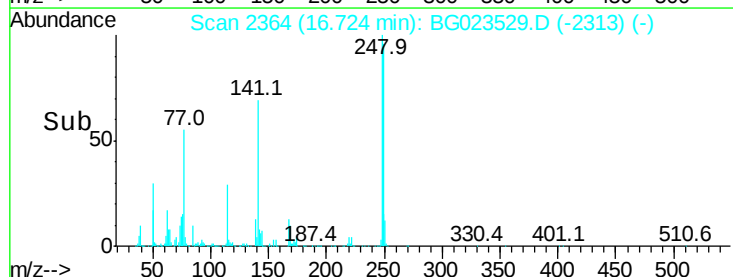
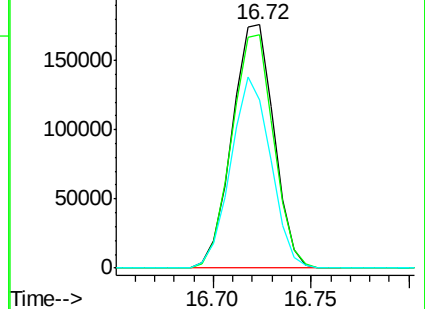
141 69.3 61.8 92.6

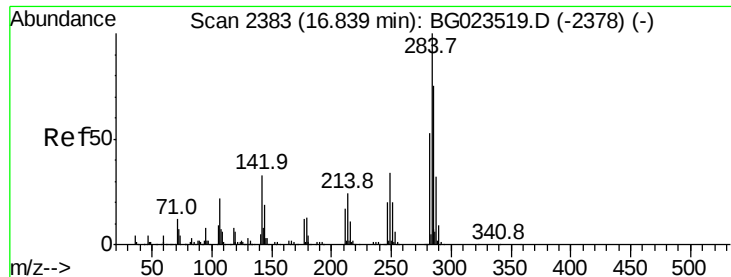


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

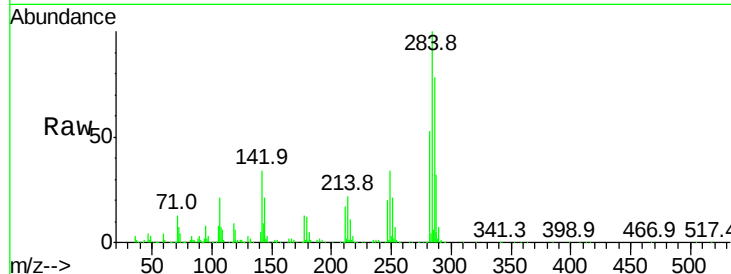




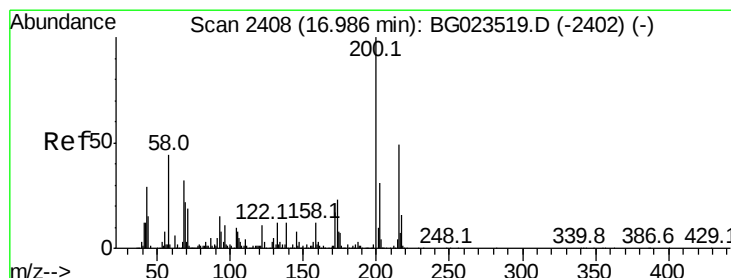
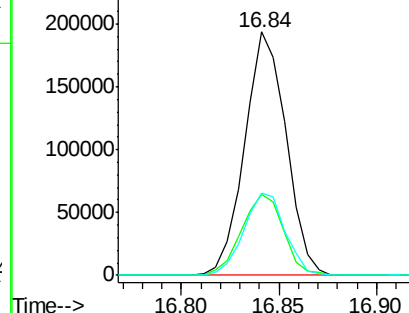
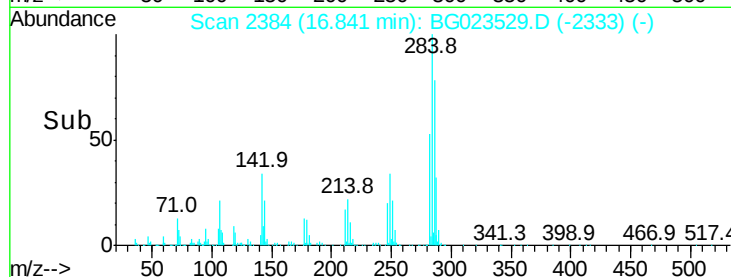
#66  
Hexachlorobenzene  
Concen: 21.64 ng/ul  
RT: 16.84 min Scan# 2384  
Delta R.T. 0.00 min  
Lab File: BG023529.D  
Acq: 6 Aug 2016 19:06

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:284 Resp: 284540  
Ion Ratio Lower Upper  
284 100  
142 33.5 27.8 41.8  
249 34.0 24.4 36.6

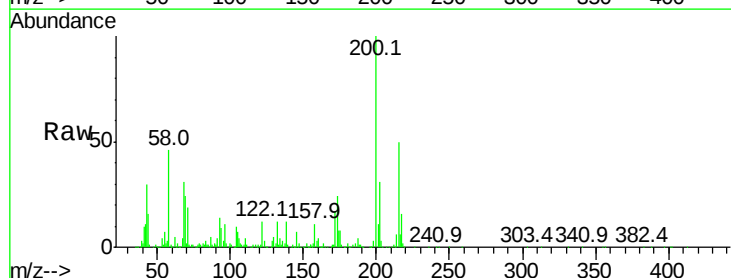


Abundance Ion 284.00 (283.70 to 284.70): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

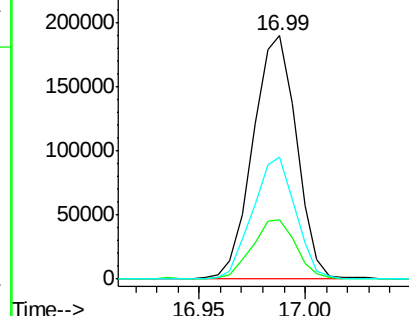
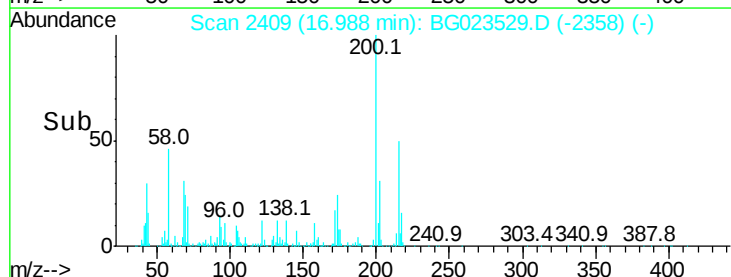


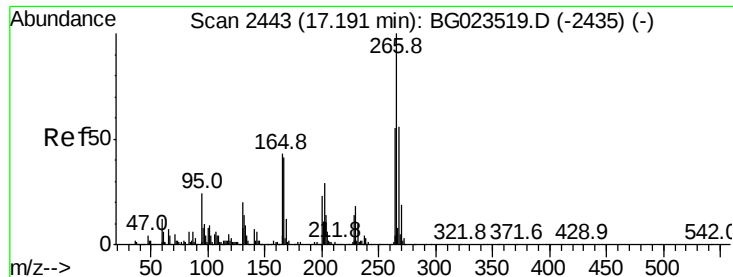
#67  
Atrazine  
Concen: 21.90 ng/ul  
RT: 16.99 min Scan# 2409  
Delta R.T. 0.00 min  
Lab File: BG023529.D  
Acq: 6 Aug 2016 19:06

Tgt Ion:200 Resp: 272038  
Ion Ratio Lower Upper  
200 100  
173 24.5 21.0 31.6  
215 49.9 37.9 56.9



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





#68

Pentachlorophenol

Concen: 19.97 ng/ul

RT: 17.19 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BG023529.D

Acq: 6 Aug 2016 19:06

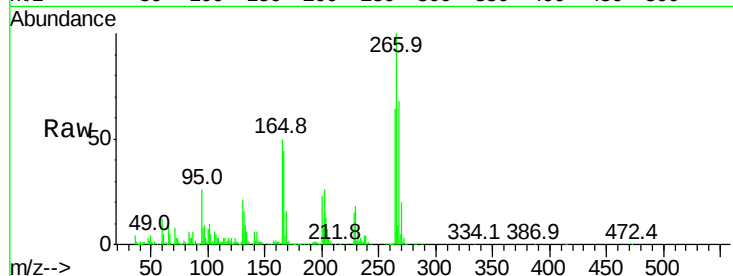
Instrument :

BNA\_G

ClientSampled :

Tot Ion:266 Resp: 144867

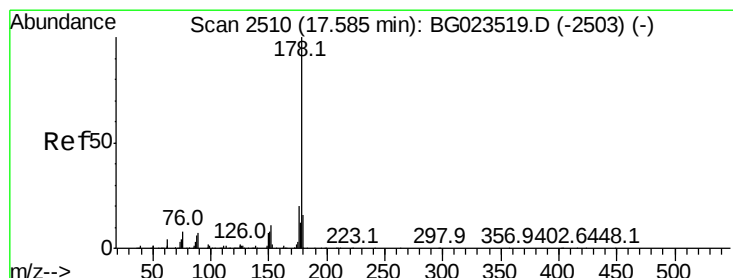
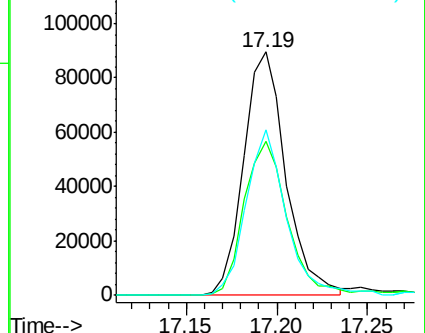
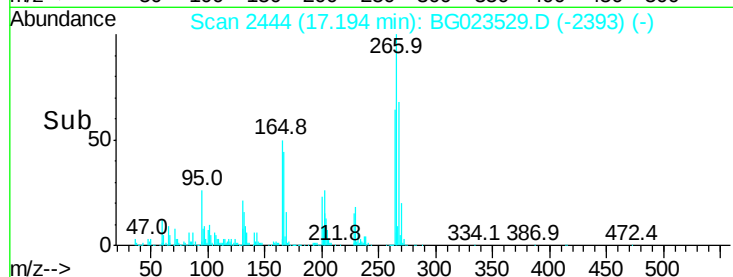
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 266 | 100   |       |       |
| 264 | 63.5  | 54.7  | 82.1  |
| 268 | 67.8  | 57.8  | 86.8  |



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#69

Phenanthrene

Concen: 21.51 ng/ul

RT: 17.59 min Scan# 2511

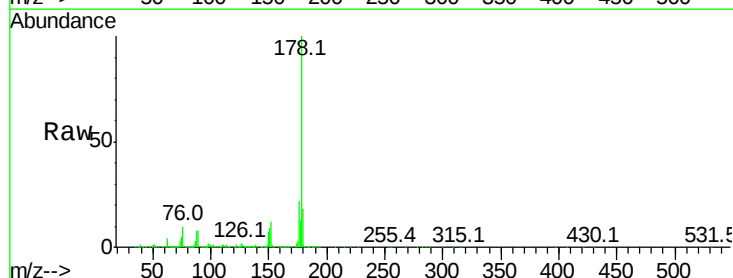
Delta R.T. 0.00 min

Lab File: BG023529.D

Acq: 6 Aug 2016 19:06

Tgt Ion:178 Resp: 1199137

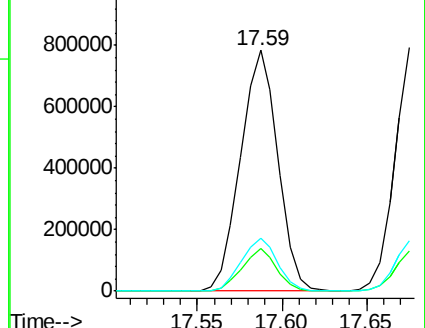
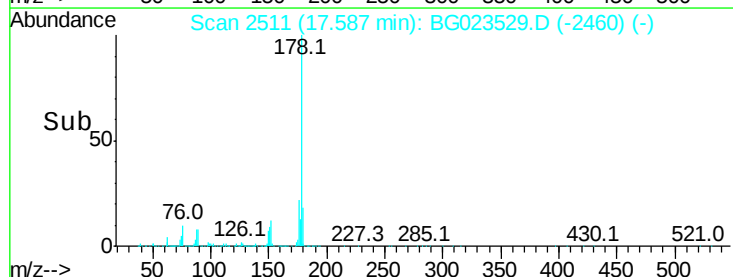
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 17.7  | 12.9  | 19.3  |
| 176 | 21.8  | 15.8  | 23.8  |

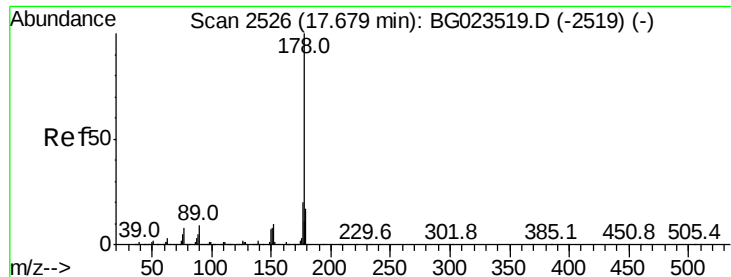


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

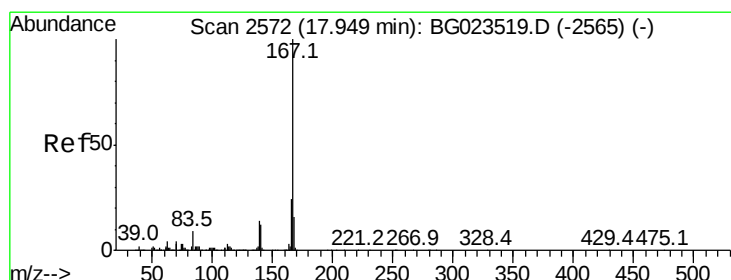
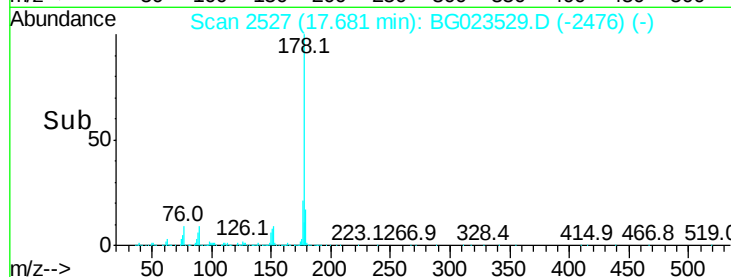
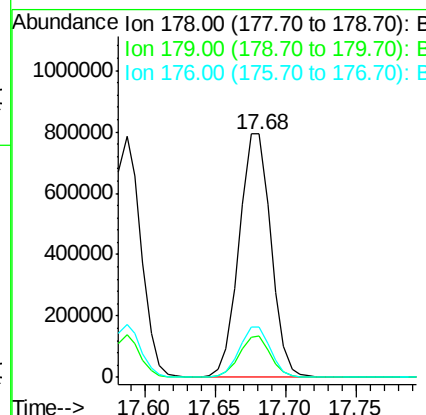
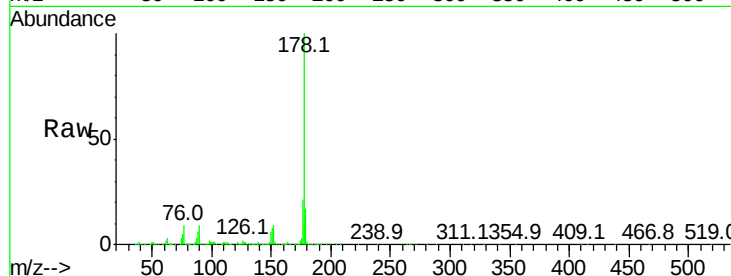




#71  
 Anthracene  
 Concen: 21.90 ng/ul  
 RT: 17.68 min Scan# 2527  
 Delta R.T. 0.00 min  
 Lab File: BG023529.D  
 Acq: 6 Aug 2016 19:06

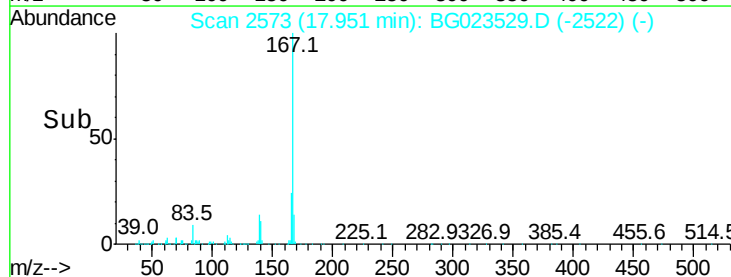
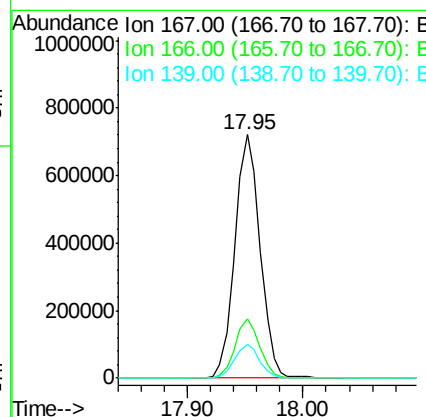
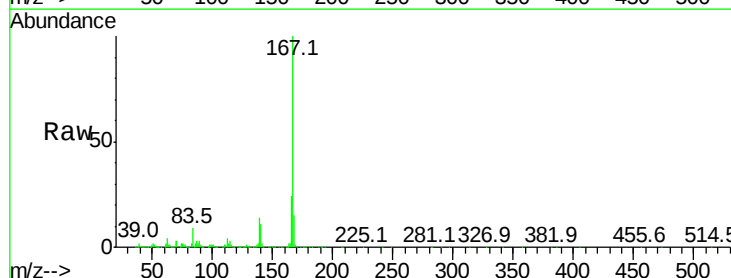
Instrument :  
 BNA\_G  
 ClientSampleId :

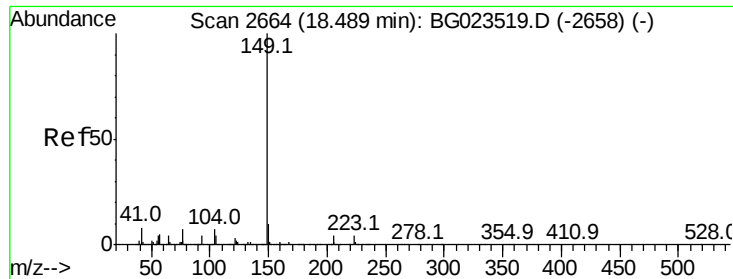
Tot Ion:178 Resp: 1245280  
 Ion Ratio Lower Upper  
 178 100  
 179 16.8 12.3 18.5  
 176 20.6 16.3 24.5



#72  
 Carbazole  
 Concen: 23.85 ng/ul  
 RT: 17.95 min Scan# 2573  
 Delta R.T. 0.00 min  
 Lab File: BG023529.D  
 Acq: 6 Aug 2016 19:06

Tgt Ion:167 Resp: 1092919  
 Ion Ratio Lower Upper  
 167 100  
 166 24.3 19.2 28.8  
 139 13.6 10.2 15.4





#73

Di-n-butylphthalate

Concen: 22.70 ng/ul

RT: 18.49 min Scan# 2665

Delta R.T. 0.00 min

Lab File: BG023529.D

Acq: 6 Aug 2016 19:06

Instrument :

BNA\_G

ClientSampled :

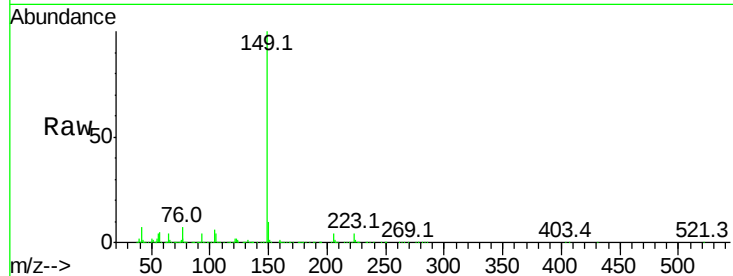
Tot Ion:149 Resp: 1302972

Ion Ratio Lower Upper

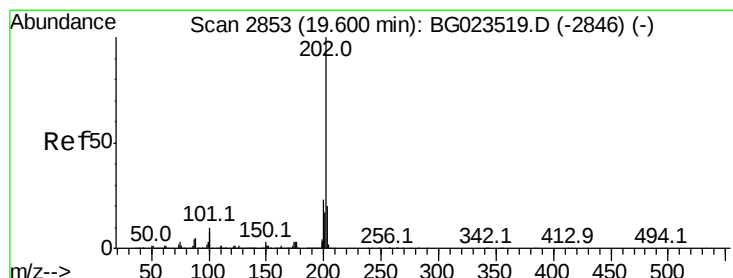
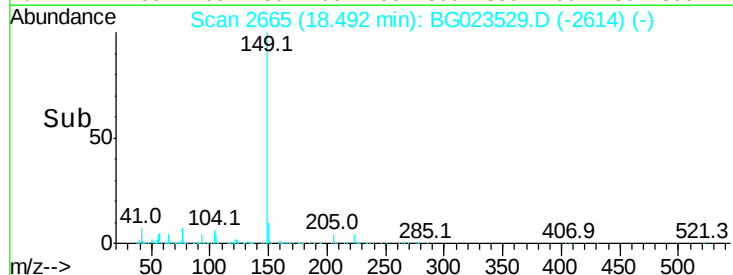
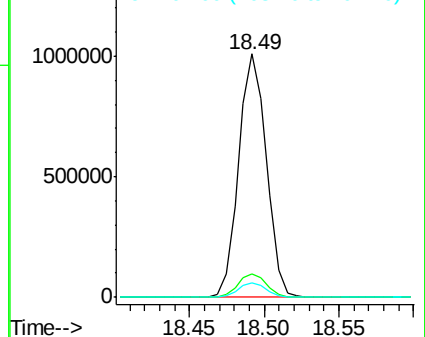
149 100

150 9.7 7.1 10.7

104 6.2 3.3 4.9#



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 24.82 ng/ul

RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG023529.D

Acq: 6 Aug 2016 19:06

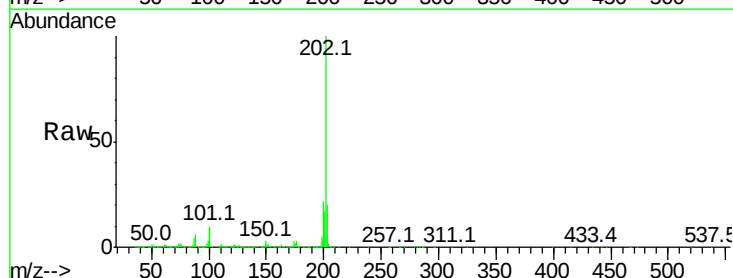
Tgt Ion:202 Resp: 1416024

Ion Ratio Lower Upper

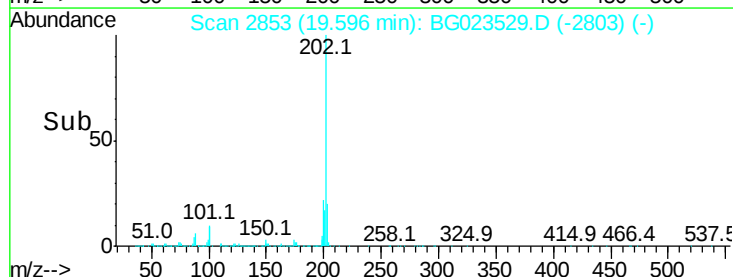
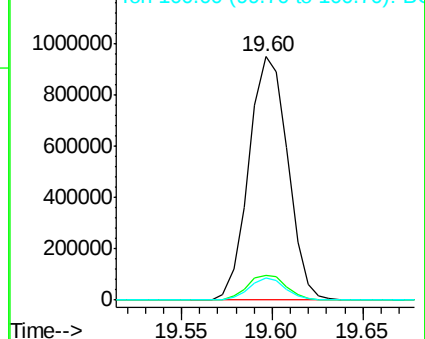
202 100

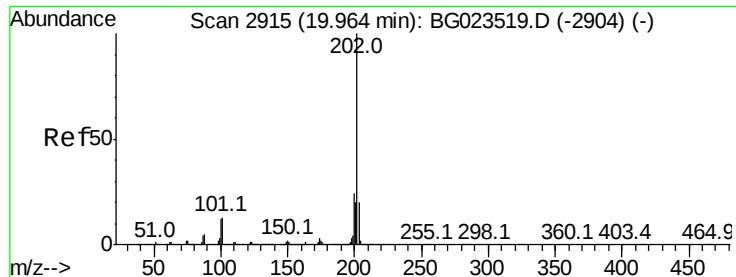
101 10.2 10.6 16.0#

100 8.9 8.7 13.1



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 21.17 ng/ul

RT: 19.96 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG023529.D

Acq: 6 Aug 2016 19:06

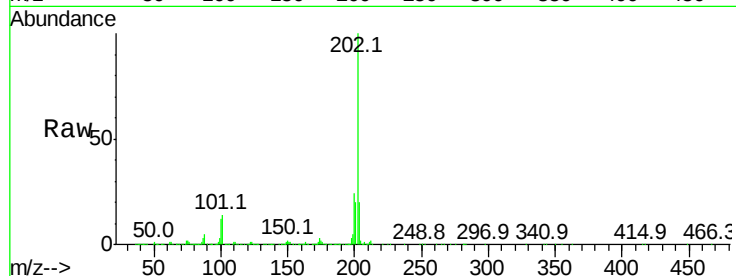
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:202 Resp: 1413675

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 13.7  | 12.5  | 18.7  |
| 100 | 11.9  | 10.2  | 15.4  |

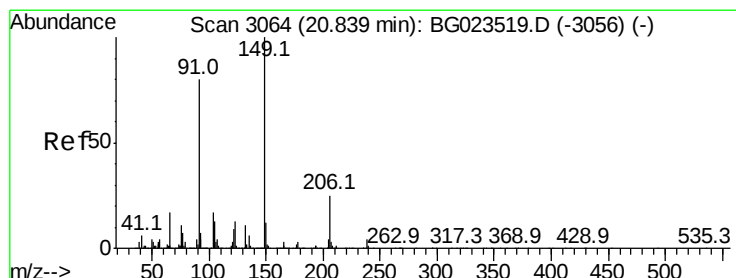
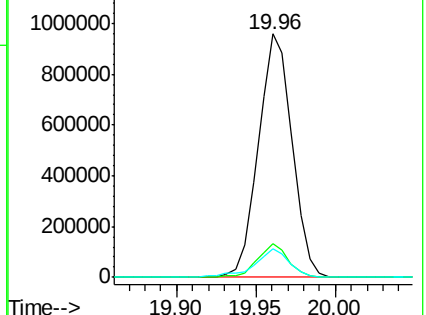
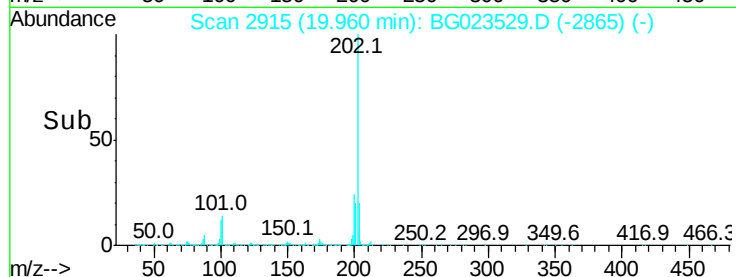


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#78

Butylbenzylphthalate

Concen: 22.40 ng/ul

RT: 20.84 min Scan# 3064

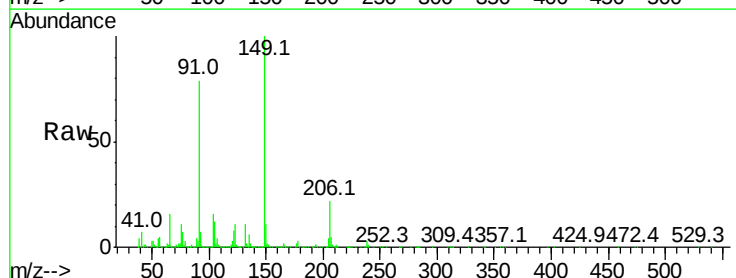
Delta R.T. -0.00 min

Lab File: BG023529.D

Acq: 6 Aug 2016 19:06

Tgt Ion:149 Resp: 573705

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 79.5  | 54.2  | 81.4  |
| 206 | 22.5  | 14.1  | 21.1  |

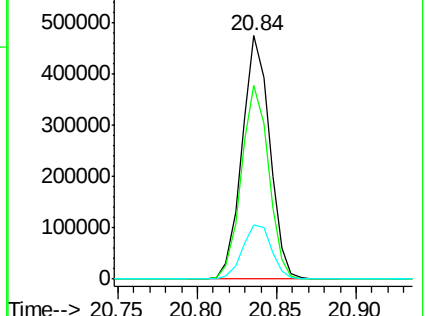
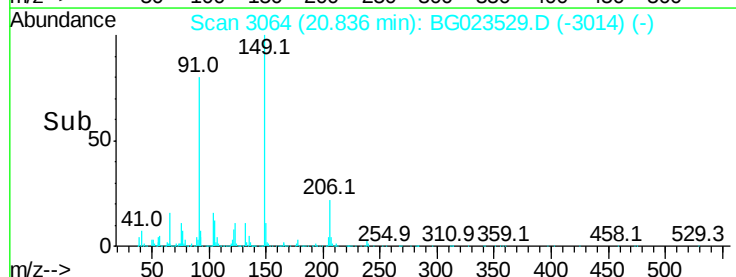


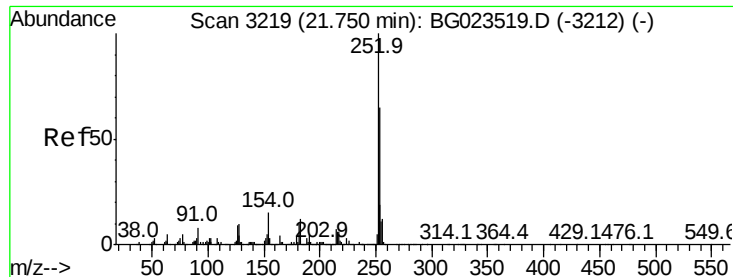
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#79

3,3'-Dichlorobenzidine

Concen: 23.53 ng/ul

RT: 21.75 min Scan# 3220

Delta R.T. 0.00 min

Lab File: BG023529.D

Acq: 6 Aug 2016 19:06

Instrument :

BNA\_G

ClientSampleId :

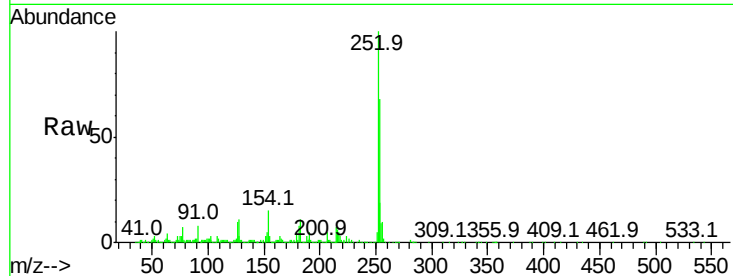
Tot Ion:252 Resp: 447733

Ion Ratio Lower Upper

252 100

254 68.5 51.4 77.2

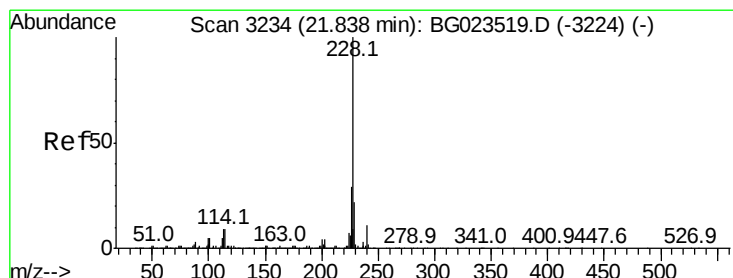
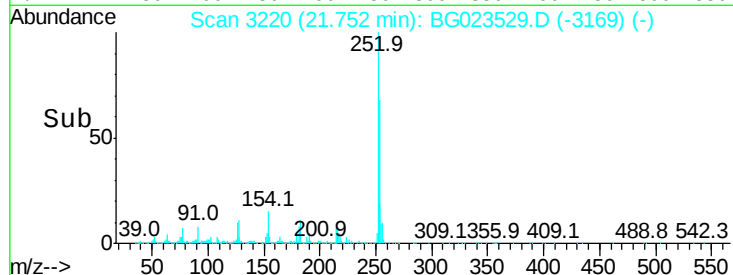
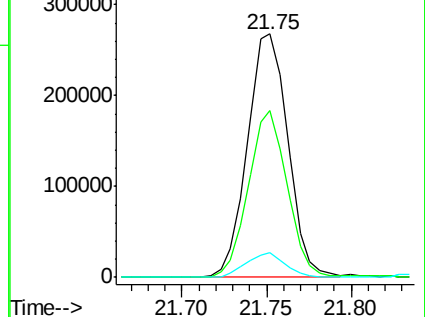
126 9.9 10.7 16.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#80

Benzo(a)anthracene

Concen: 21.36 ng/ul

RT: 21.84 min Scan# 3235

Delta R.T. 0.00 min

Lab File: BG023529.D

Acq: 6 Aug 2016 19:06

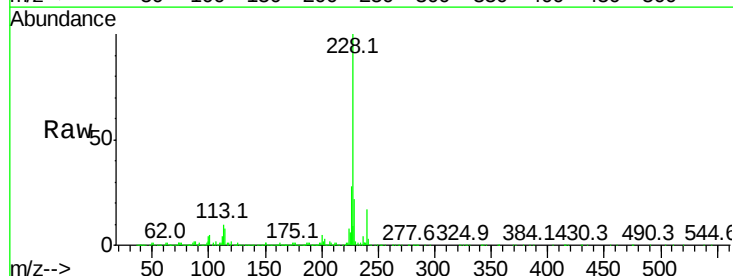
Tgt Ion:228 Resp: 1299434

Ion Ratio Lower Upper

228 100

229 21.7 15.4 23.2

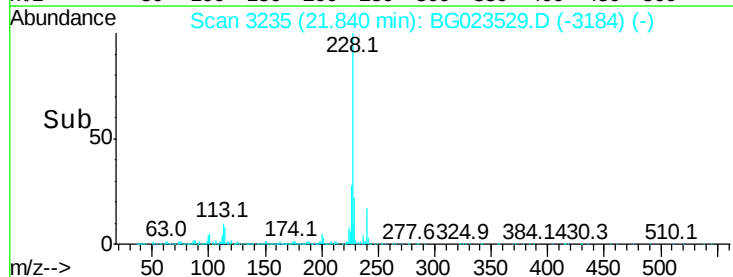
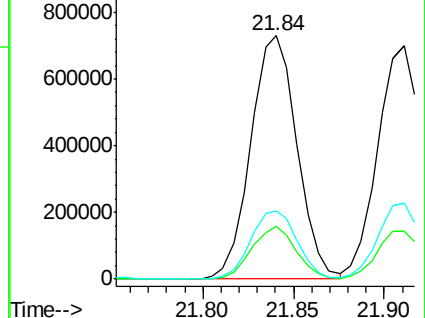
226 28.3 22.8 34.2

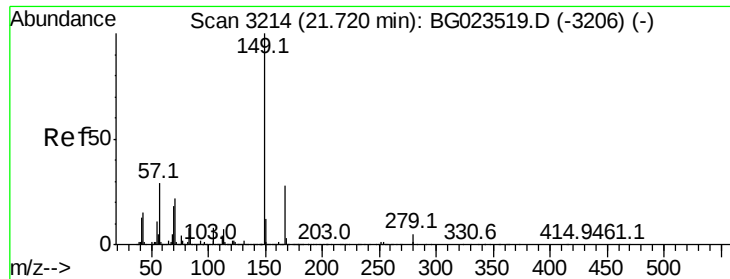


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#81

Bis(2-ethylhexyl)phthalate

Concen: 22.97 ng/ul

RT: 21.72 min Scan# 3214

Delta R.T. -0.00 min

Lab File: BG023529.D

Acq: 6 Aug 2016 19:06

Instrument :

BNA\_G

ClientSampleId :

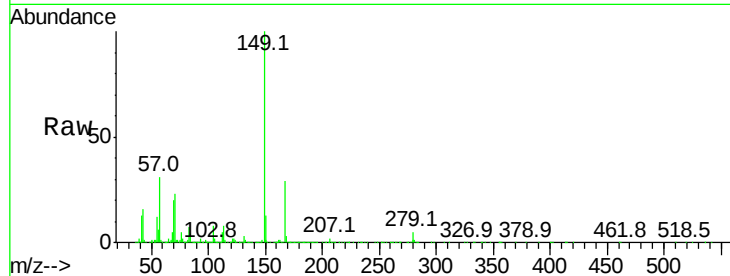
Tot Ion:149 Resp: 782162

Ion Ratio Lower Upper

149 100

167 29.2 21.9 32.9

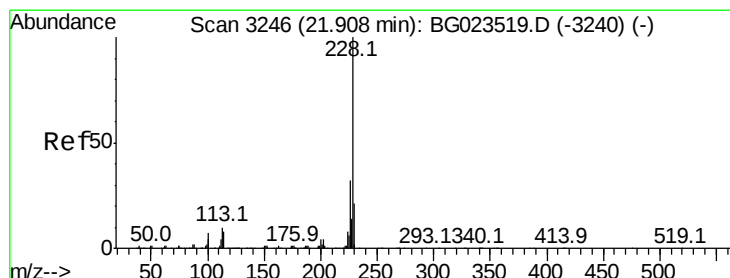
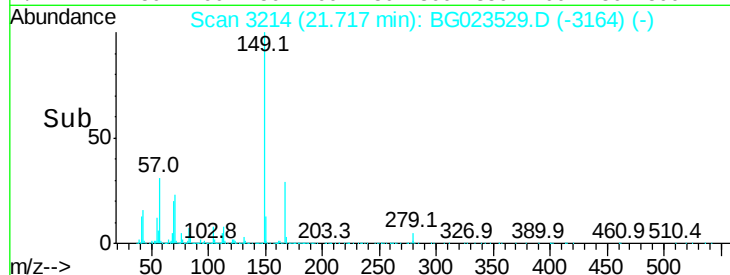
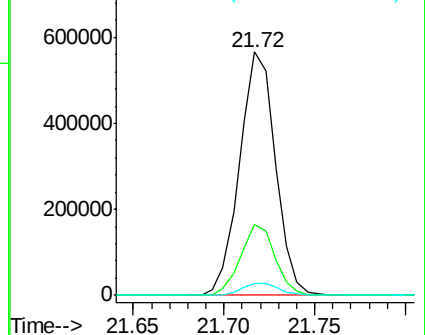
279 4.6 2.9 4.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#82

Chrysene

Concen: 21.29 ng/ul

RT: 21.91 min Scan# 3247

Delta R.T. 0.00 min

Lab File: BG023529.D

Acq: 6 Aug 2016 19:06

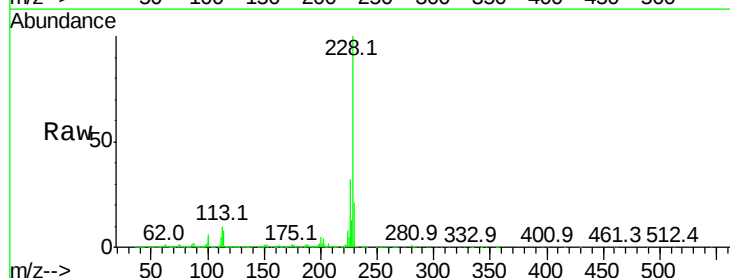
Tgt Ion:228 Resp: 1177667

Ion Ratio Lower Upper

228 100

226 32.5 24.2 36.4

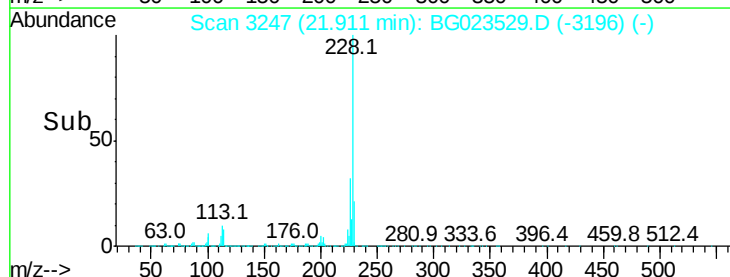
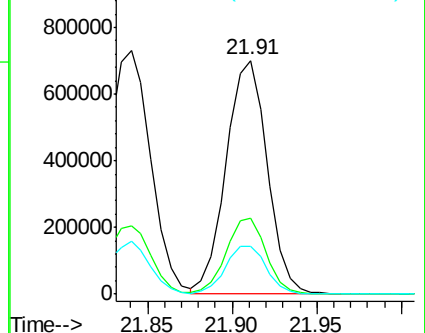
229 20.7 15.0 22.6

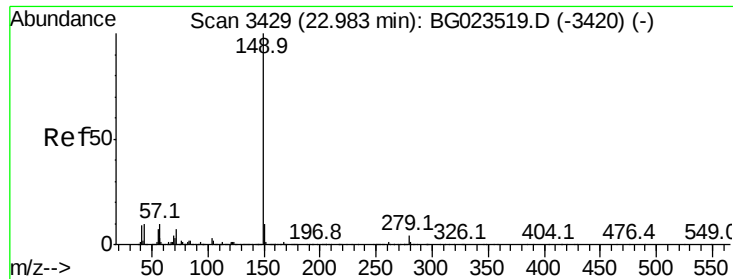


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Di-n-octyl phthalate

Concen: 24.85 ng/ul

RT: 22.98 min Scan# 3429

Delta R.T. -0.00 min

Lab File: BG023529.D

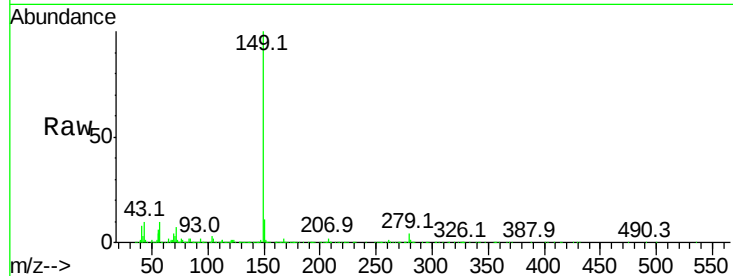
Acq: 6 Aug 2016 19:06

Instrument :

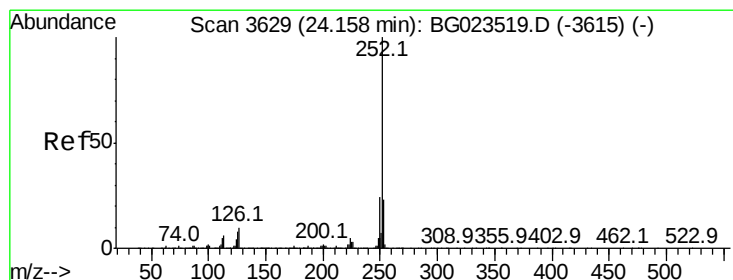
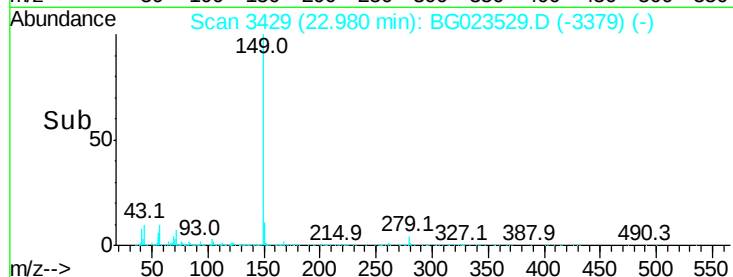
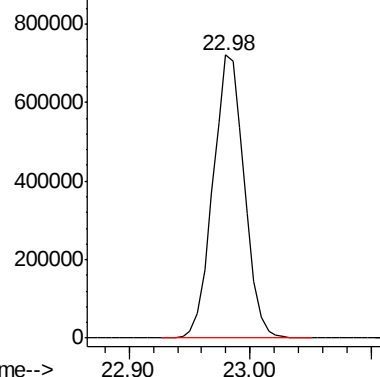
BNA\_G

ClientSampleId :

Tgt Ion:149 Resp: 1302065



Abundance Ion 149.00 (148.70 to 149.70): E



#85

Benzo(b)fluoranthene

Concen: 21.19 ng/ul

RT: 24.16 min Scan# 3630

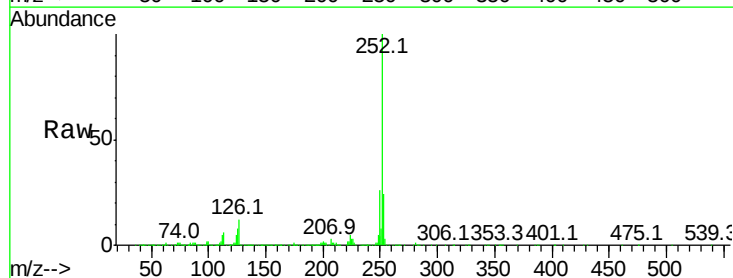
Delta R.T. 0.00 min

Lab File: BG023529.D

Acq: 6 Aug 2016 19:06

Tgt Ion:252 Resp: 1250171

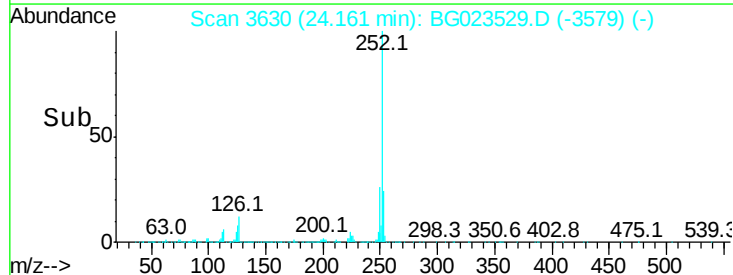
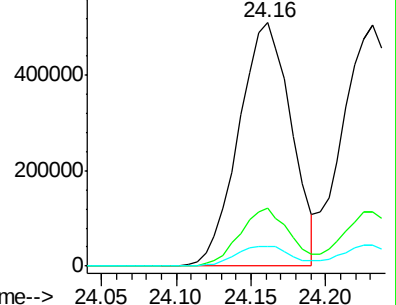
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 24.1  | 18.2  | 27.2  |
| 125 | 8.1   | 10.8  | 16.2  |

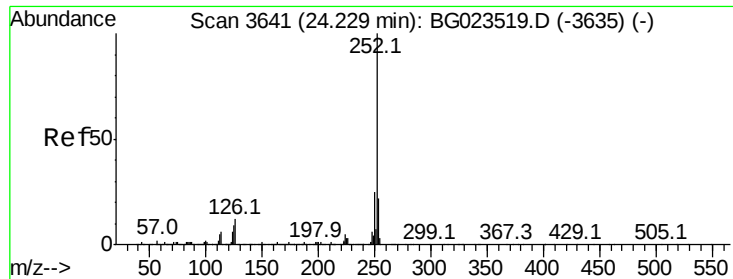


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

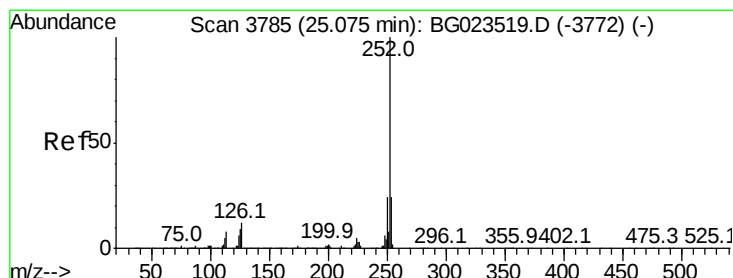
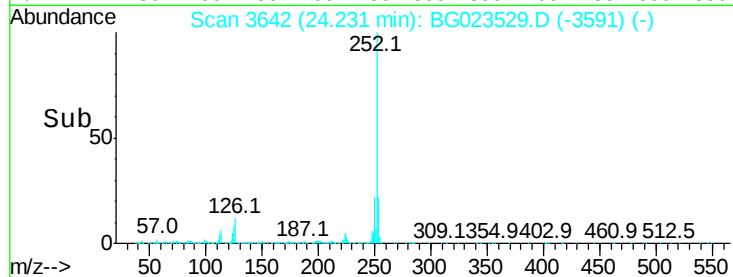
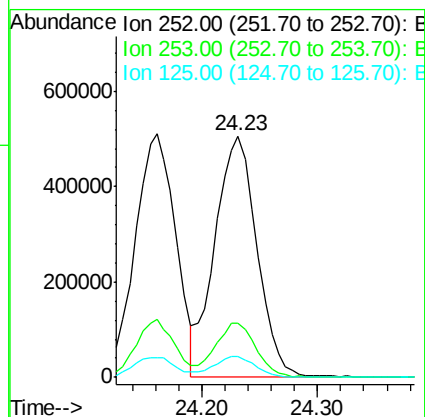
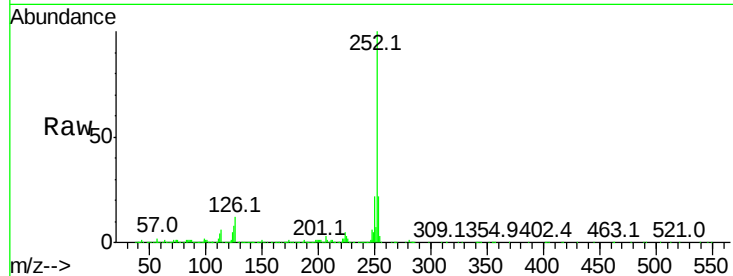




#86  
Benzo(k)fluoranthene  
Concen: 21.82 ng/ul  
RT: 24.23 min Scan# 3642  
Delta R.T. 0.00 min  
Lab File: BG023529.D  
Acq: 6 Aug 2016 19:06

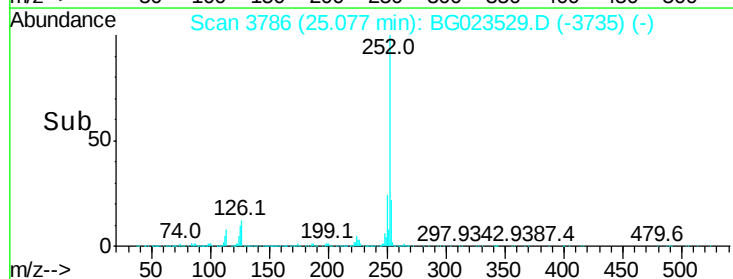
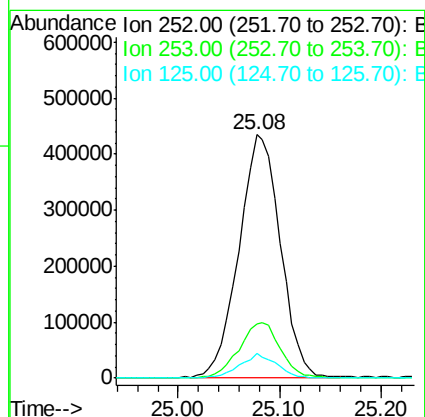
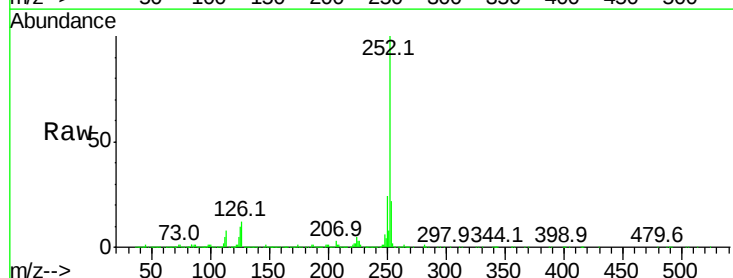
Instrument :  
BNA\_G  
ClientSampleId :

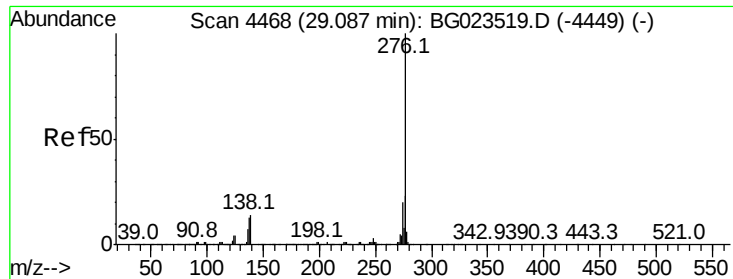
Tot Ion:252 Resp: 1267568  
Ion Ratio Lower Upper  
252 100  
253 22.2 15.8 23.6  
125 8.5 10.6 16.0#



#88  
Benzo(a)pyrene  
Concen: 21.53 ng/ul  
RT: 25.08 min Scan# 3786  
Delta R.T. 0.00 min  
Lab File: BG023529.D  
Acq: 6 Aug 2016 19:06

Tgt Ion:252 Resp: 1226282  
Ion Ratio Lower Upper  
252 100  
253 22.2 19.0 28.4  
125 9.9 12.0 18.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 21.45 ng/ul

RT: 29.11 min Scan# 4472

Delta R.T. 0.02 min

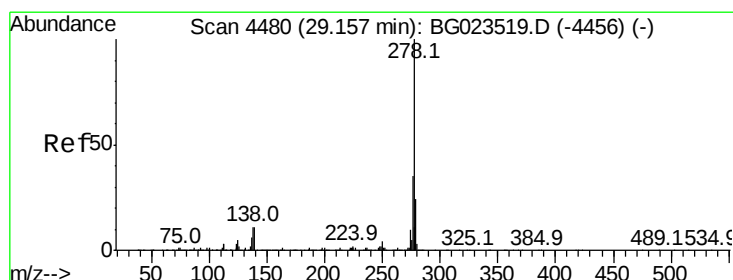
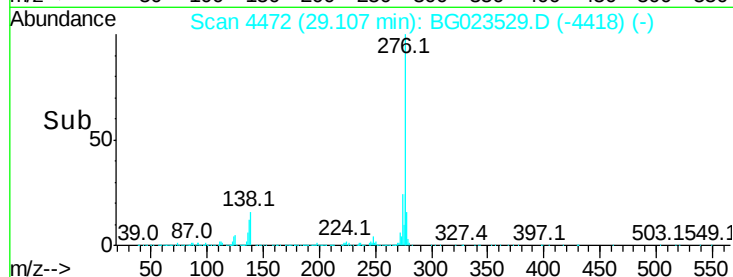
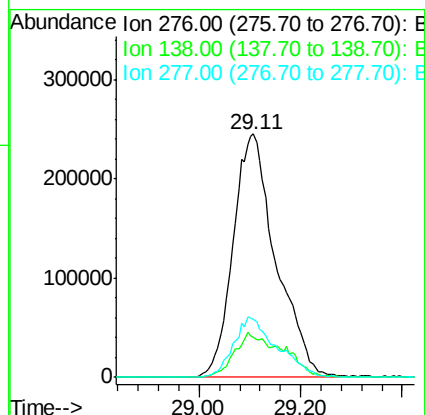
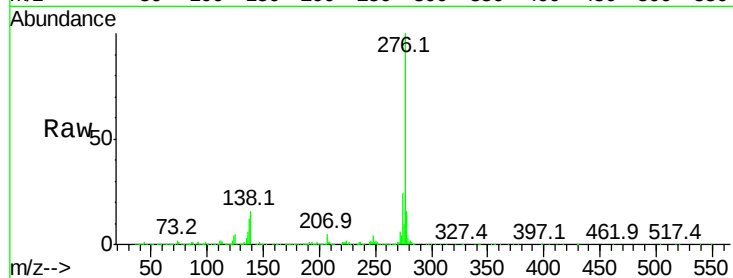
Lab File: BG023529.D

Acq: 6 Aug 2016 19:06

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:276 Resp: 1435566

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 16.3  | 20.8  | 31.2# |
| 277 | 23.9  | 17.6  | 26.4  |



#90

Dibenzo(a,h)anthracene

Concen: 21.09 ng/ul

RT: 29.17 min Scan# 4483

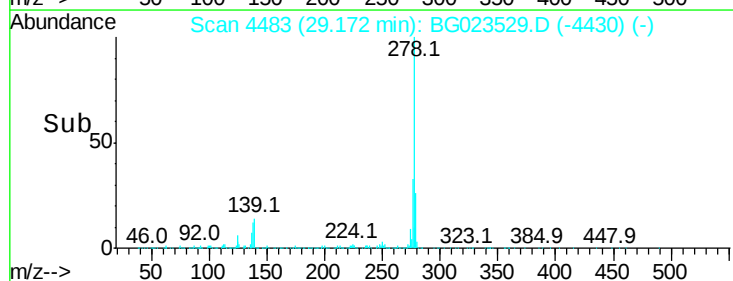
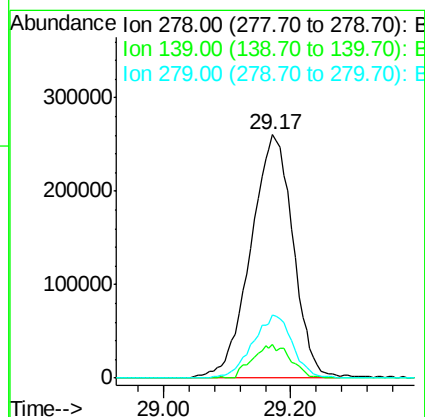
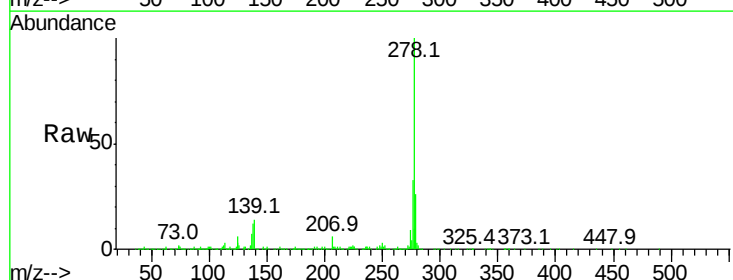
Delta R.T. 0.01 min

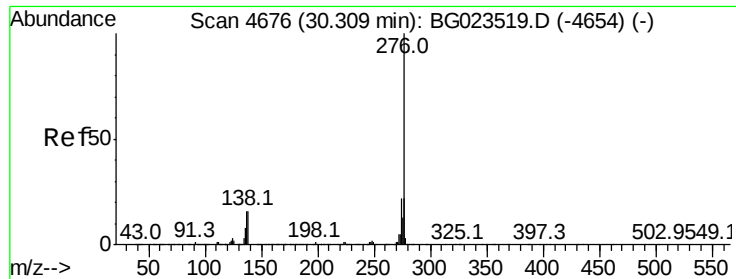
Lab File: BG023529.D

Acq: 6 Aug 2016 19:06

Tgt Ion:278 Resp: 1204175

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 13.6  | 16.3  | 24.5# |
| 279 | 26.0  | 19.1  | 28.7  |





#91

Benzo(a,h,i)perylene

Concen: 21.31 ng/ul

RT: 30.31 min Scan# 4677

Delta R.T. 0.00 min

Lab File: BG023529.D

Acq: 6 Aug 2016 19:06

Instrument :

BNA\_G

ClientSampleId :

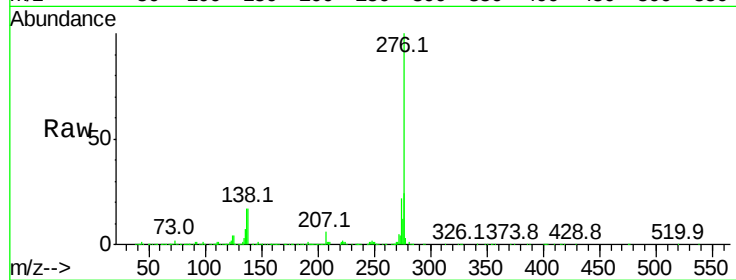
Tot Ion:276 Resp: 1182788

Ion Ratio Lower Upper

276 100

138 17.5 22.1 33.1#

277 24.5 17.0 25.4



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

