

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121016\  
 Data File : BG025084.D  
 Acq On : 11 Dec 2016 1:09  
 Operator : UM/SJ  
 Sample : H5905-16  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Dec 12 04:26:38 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Dec 12 04:23:16 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.23  | 152  | 70353    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.06 | 136  | 291787   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.85 | 164  | 236538   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.60 | 188  | 570369   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.89 | 240  | 745008   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.29 | 264  | 750758   | 20.00 | ng/ul | -0.01    |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.59  | 96   | 7260     | 5.33  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 7.38  | 99   | 168011   | 27.68 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.55  | 67   | 123195   | 32.81 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.76  | 132  | 119483   | 28.15 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.93  | 113  | 143073   | 28.21 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 9.41  | 128  | 69070    | 33.43 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 10.14 | 143  | 80962    | 31.43 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.68 | 165  | 141477   | 28.56 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 11.20 | 131  | 98208    | 20.17 | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 14.25 | 166  | 570337   | 35.05 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.55 | 160  | 579113   | 32.49 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 15.05 | 143  | 71329    | 25.51 | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.84 | 176  | 503185   | 32.86 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.96 | 200  | 99797    | 28.30 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.70 | 188  | 803320   | 33.37 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.97 | 212  | 954170   | 31.09 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 25.06 | 264  | 962862   | 31.65 | ng/ul | 0.00     |

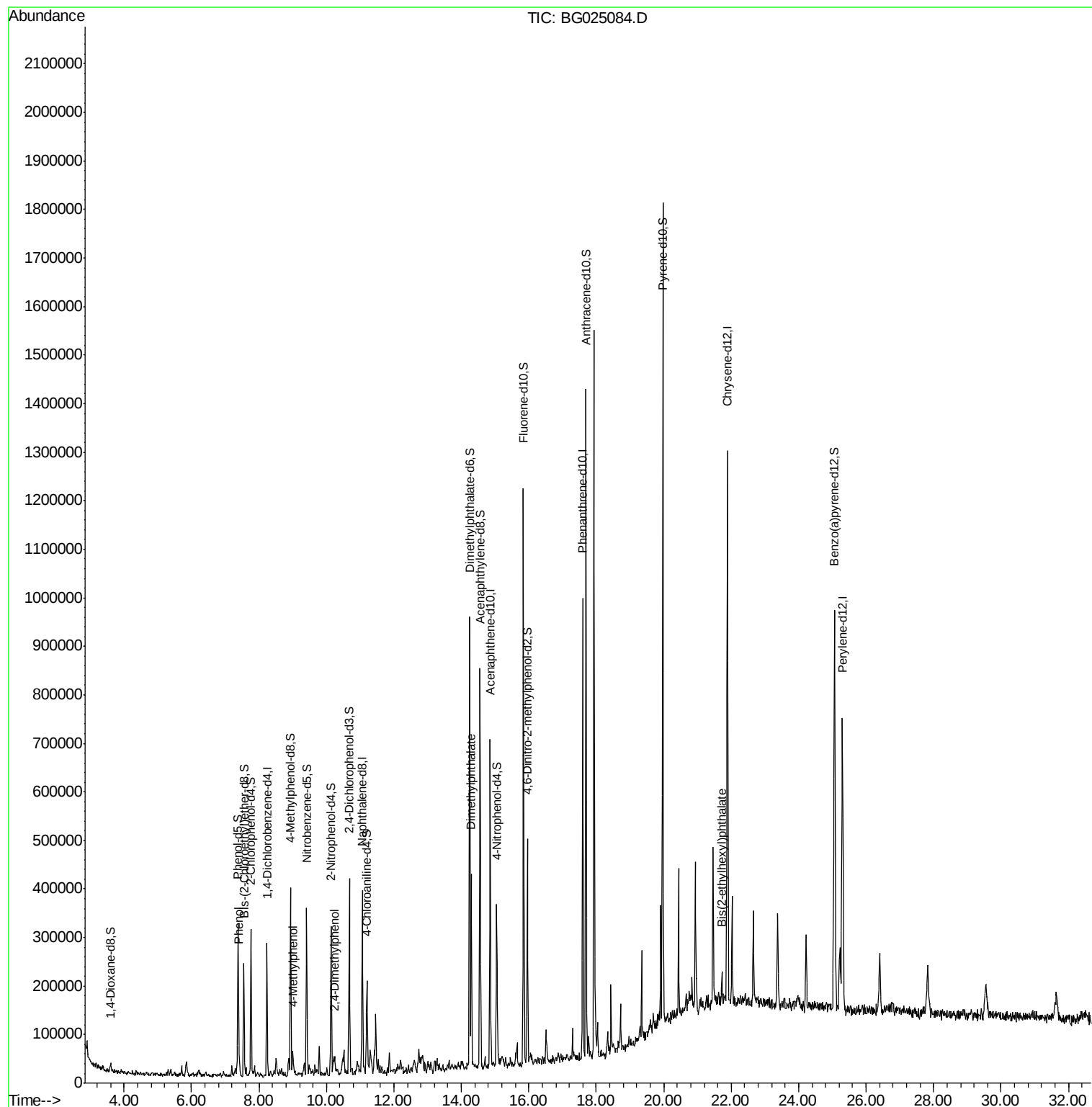
| Target Compounds               | R.T.  | QIon | Response | Conc  | Units  | Ovalue |
|--------------------------------|-------|------|----------|-------|--------|--------|
| 6) Phenol                      | 7.40  | 94   | 11639    | 1.87  | ng/ul# | 73     |
| 16) 4-Methylphenol             | 9.00  | 108  | 19149    | 3.75  | ng/ul  | 89     |
| 24) 2,4-Dimethylphenol         | 10.24 | 107  | 8438     | 1.41  | ng/ul  | 90     |
| 44) Dimethylphthalate          | 14.30 | 163  | 227056   | 14.20 | ng/ul  | 97     |
| 81) Bis(2-ethylhexyl)phthalate | 21.73 | 149  | 23213    | 1.20  | ng/ul# | 89     |

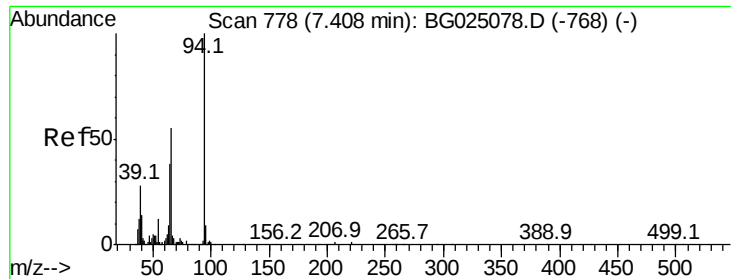
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 12 04:23:16 2016  
Response via : Initial Calibration





#6

Phenol

Concen: 1.87 ng/ul

RT: 7.40 min Scan# 776

Delta R.T. -0.01 min

Lab File: BG025084.D

Acq: 11 Dec 2016 1:09

Instrument :

BNA\_G

ClientSampleId :

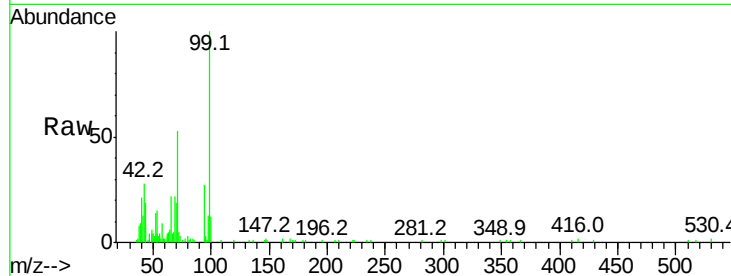
Tot Ion: 94 Resp: 11639

Ion Ratio Lower Upper

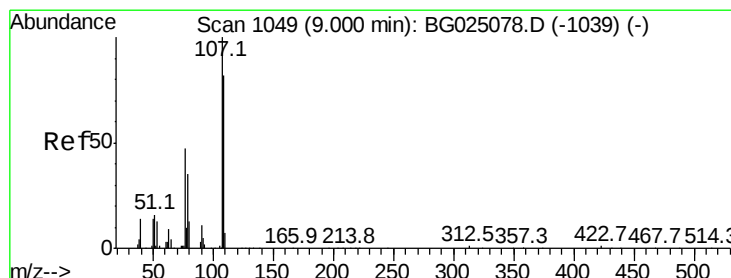
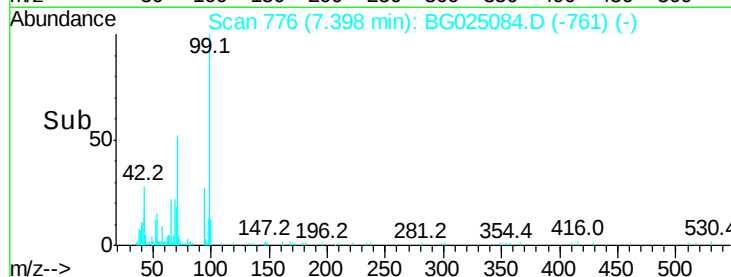
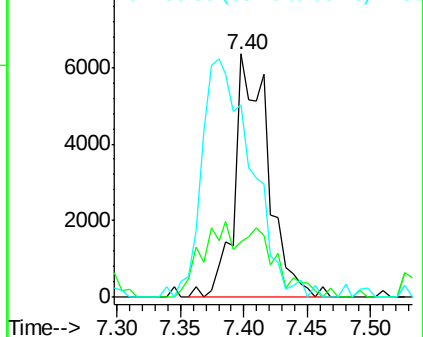
94 100

65 22.7 26.8 40.2#

66 78.8 44.4 66.6#



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



#16

4-Methylphenol

Concen: 3.75 ng/ul

RT: 9.00 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BG025084.D

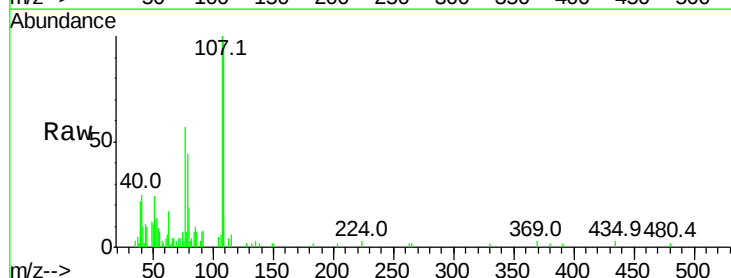
Acq: 11 Dec 2016 1:09

Tgt Ion: 108 Resp: 19149

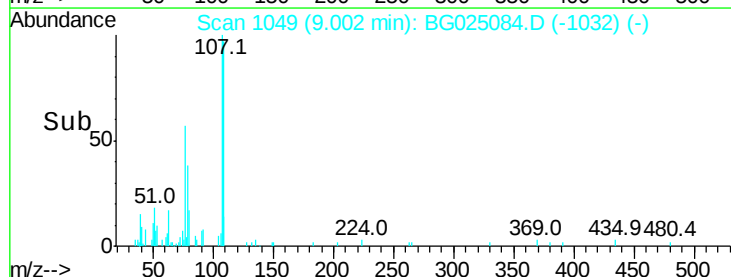
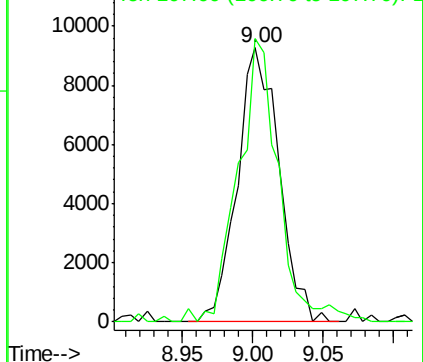
Ion Ratio Lower Upper

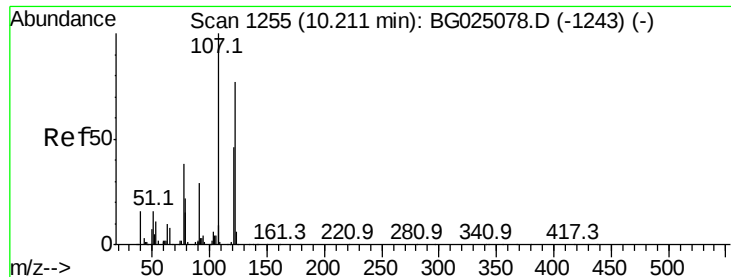
108 100

107 103.2 91.7 137.5



Abundance Ion 108.00 (107.70 to 108.70): BGC  
Ion 107.00 (106.70 to 107.70): BGC

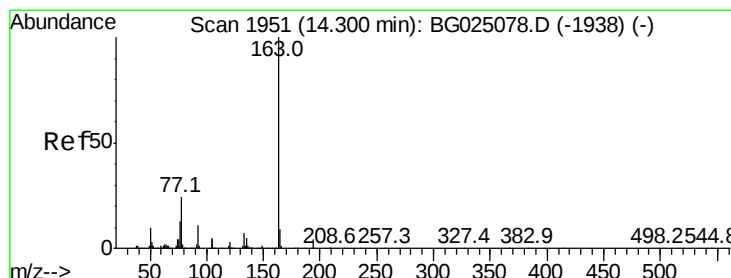
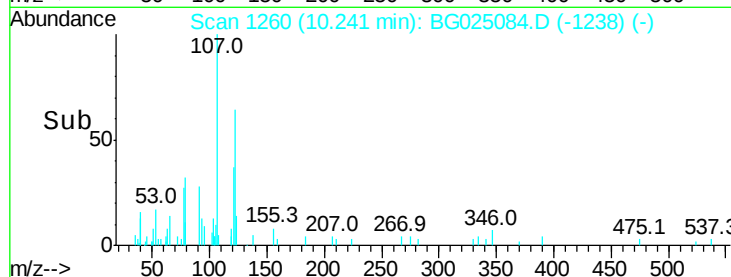
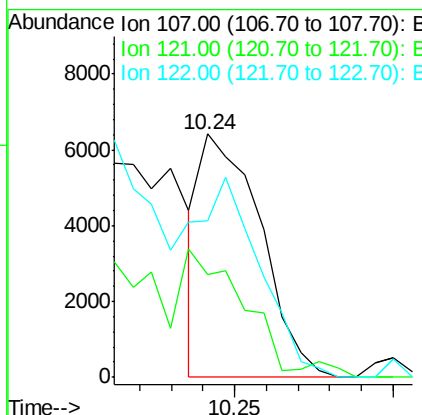
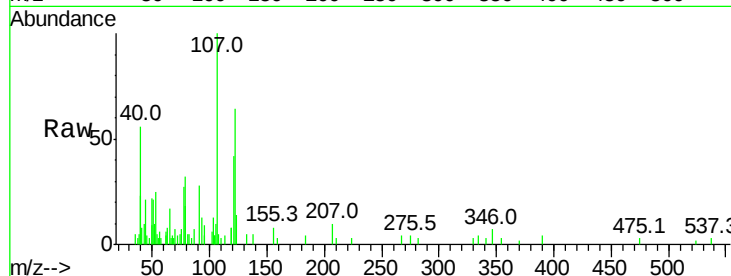




#24  
2,4-Dimethylphenol  
Concen: 1.41 ng/ul  
RT: 10.24 min Scan# 1260  
Delta R.T. 0.03 min  
Lab File: BG025084.D  
Acq: 11 Dec 2016 1:09

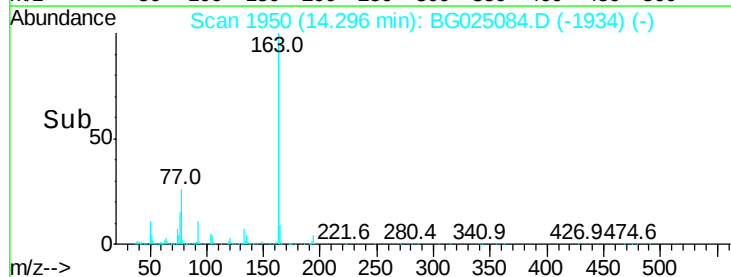
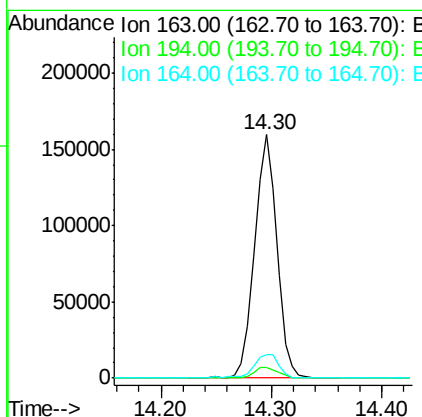
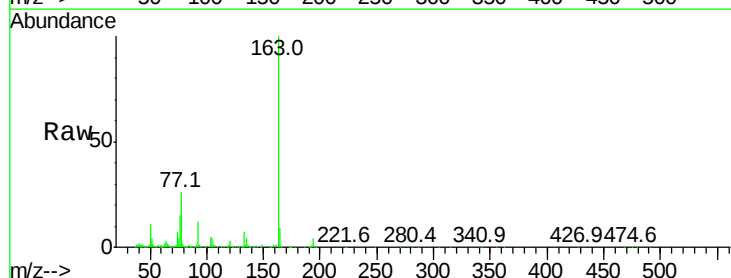
Instrument :  
BNA\_G  
ClientSampleId :

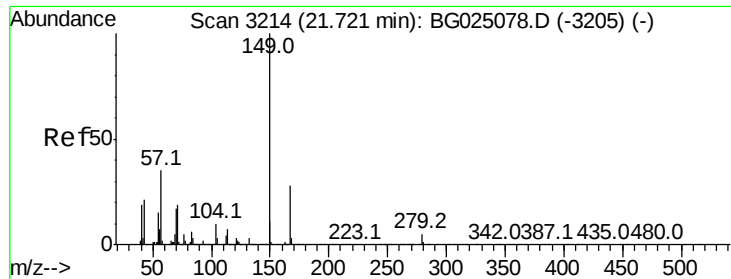
Tot Ion:107 Resp: 8438  
Ion Ratio Lower Upper  
107 100  
121 42.2 32.3 48.5  
122 64.3 61.2 91.8



#44  
Dimethylphthalate  
Concen: 14.20 ng/ul  
RT: 14.30 min Scan# 1950  
Delta R.T. -0.00 min  
Lab File: BG025084.D  
Acq: 11 Dec 2016 1:09

Tgt Ion:163 Resp: 227056  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.4 5.0  
164 9.5 9.0 13.4

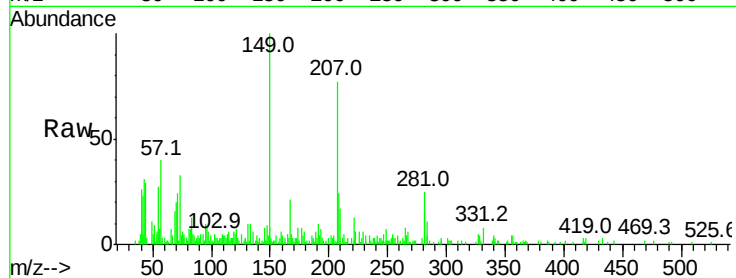




#81  
 Bis(2-ethylhexyl)phthalate  
 Concen: 1.20 ng/ul  
 RT: 21.73 min Scan# 3215  
 Delta R.T. 0.01 min  
 Lab File: BG025084.D  
 Acq: 11 Dec 2016 1:09

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 21.3  | 21.8  | 32.8# |
| 279     | 2.9   | 4.5   | 6.7#  |



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

