

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\  
 Data File : BG047123.D  
 Acq On : 29 Oct 2020 17:59  
 Operator : CG/JU  
 Sample : L4499-13  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Oct 30 00:42:39 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG102220MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Oct 29 16:49:45 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.06  | 152  | 44665    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.87 | 136  | 193696   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.69 | 164  | 150097   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.44 | 188  | 364837   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.71 | 240  | 356468   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.94 | 264  | 375070   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.46  | 96  | 6826   | 6.16  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.21  | 99  | 127523 | 32.90 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.38  | 67  | 125935 | 56.48 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.59  | 132 | 103401 | 34.30 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.76  | 113 | 103387 | 33.43 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.22  | 128 | 53047  | 32.67 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.94  | 143 | 63628  | 33.55 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.49 | 165 | 117550 | 31.77 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.00 | 131 | 133230 | 42.22 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.09 | 166 | 427745 | 34.66 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.38 | 160 | 500083 | 34.25 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.87 | 143 | 60224  | 31.00 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.68 | 176 | 382897 | 33.41 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.79 | 200 | 73094  | 29.05 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.54 | 188 | 591390 | 33.44 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.82 | 212 | 728037 | 35.80 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.73 | 264 | 701644 | 34.03 | ng/ul | 0.00 |

## Target Compounds

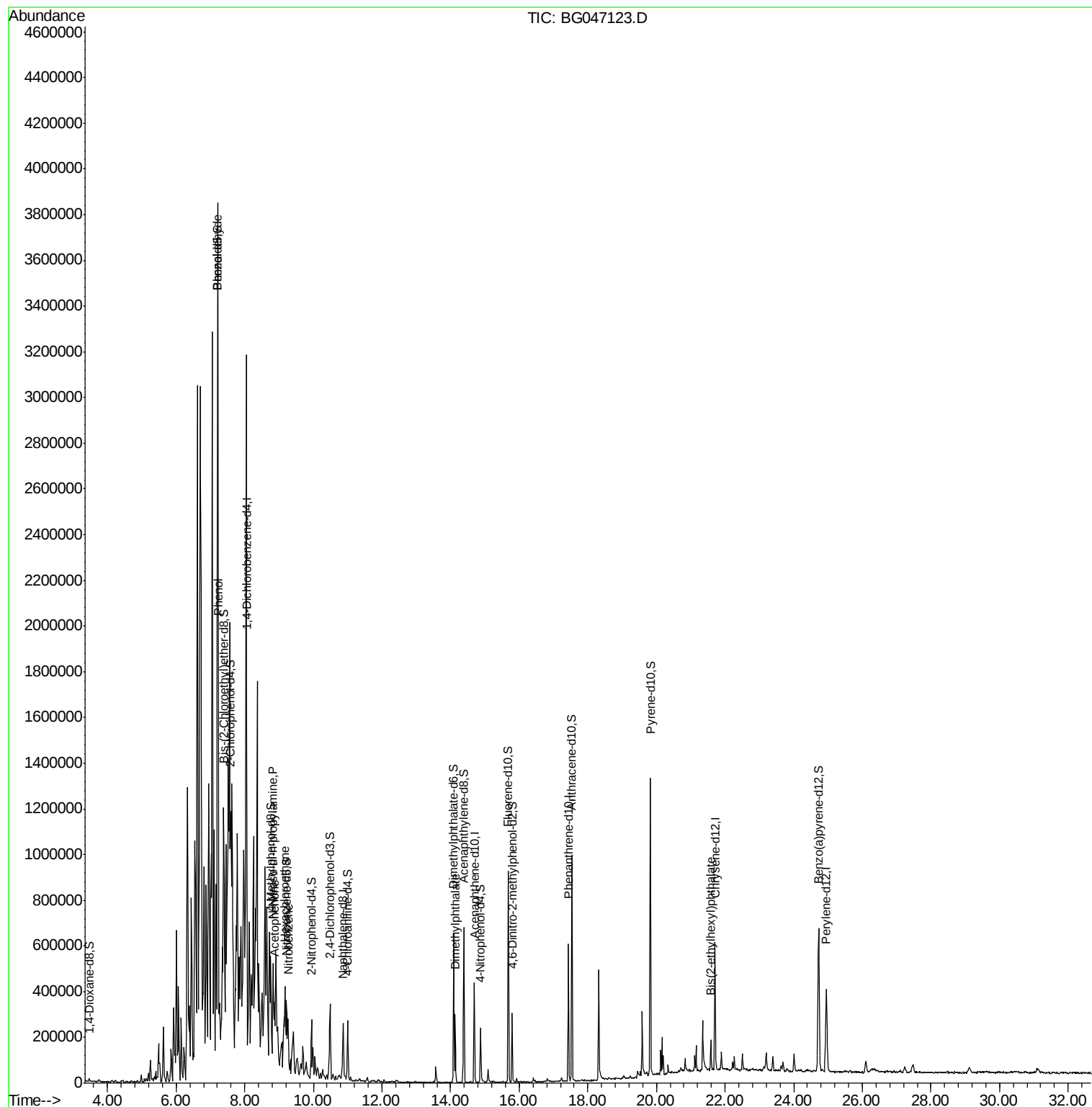
|                                |       |     |        |        | Ovalue |    |
|--------------------------------|-------|-----|--------|--------|--------|----|
| 4) Benzaldehyde                | 7.21  | 77  | 34030  | 13.232 | ng/ul# | 7  |
| 6) Phenol                      | 7.24  | 94  | 6356   | 1.680  | ng/ul# | 1  |
| 14) Acetophenone               | 8.87  | 105 | 118756 | 25.135 | ng/ul# | 37 |
| 15) N-Nitroso-di-n-propylamine | 8.83  | 70  | 12378  | 4.842  | ng/ul# | 55 |
| 17) Hexachloroethane           | 9.18  | 117 | 20305  | 14.702 | ng/ul# | 1  |
| 20) Nitrobenzene               | 9.26  | 77  | 5303   | 1.210  | ng/ul# | 39 |
| 45) Dimethylphthalate          | 14.13 | 163 | 175848 | 14.198 | ng/ul  | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.58 | 149 | 52402  | 4.216  | ng/ul  | 93 |

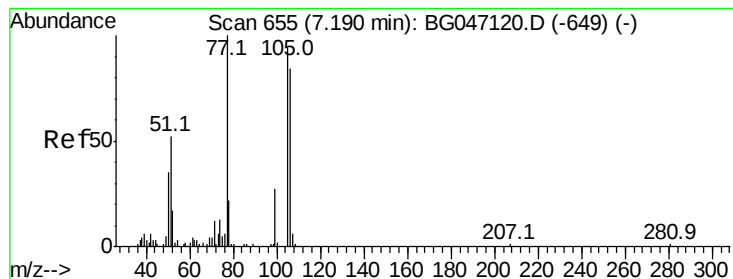
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
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Quant Title : SVOA CALIBRATION  
QLast Update : Thu Oct 29 16:49:45 2020  
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 13.232 ng/ul

RT: 7.21 min Scan# 659

Delta R.T. 0.02 min

Lab File: BG047123.D

Acq: 29 Oct 2020 17:59

Instrument :

BNA\_G

ClientSampleId :

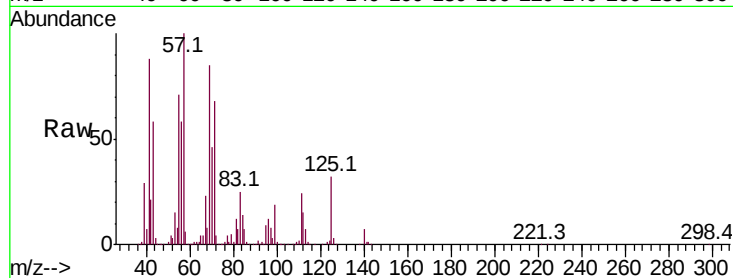
Tot Ion: 77 Resp: 34030

Ion Ratio Lower Upper

77 100

105 7.4 74.7 112.1#

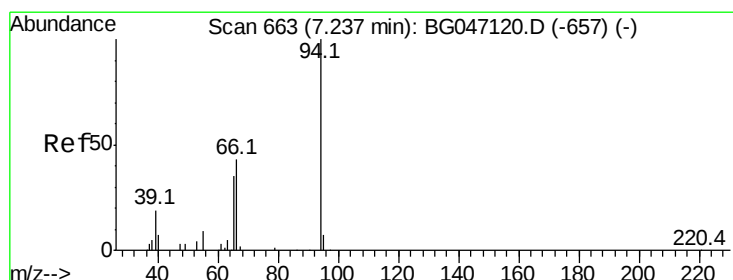
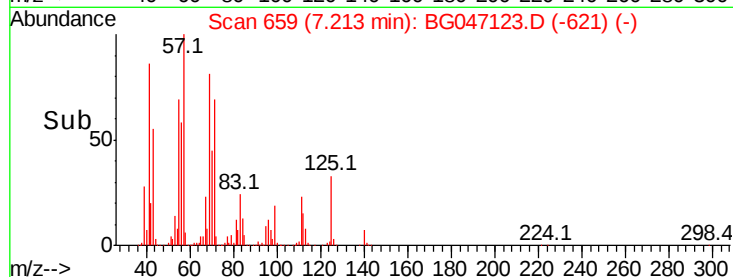
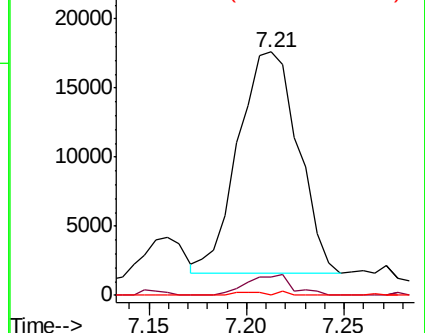
106 0.0 74.2 111.4#



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



#6

Phenol

Concen: 1.680 ng/ul

RT: 7.24 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG047123.D

Acq: 29 Oct 2020 17:59

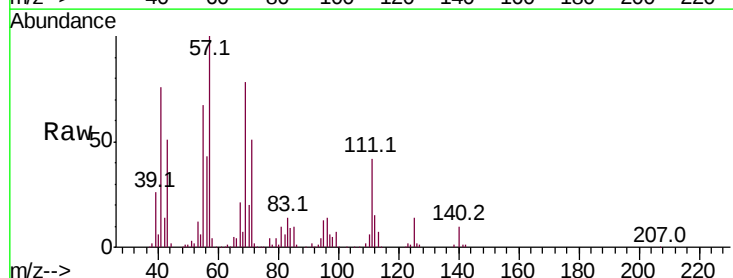
Tgt Ion: 94 Resp: 6356

Ion Ratio Lower Upper

94 100

65 120.6 30.6 46.0#

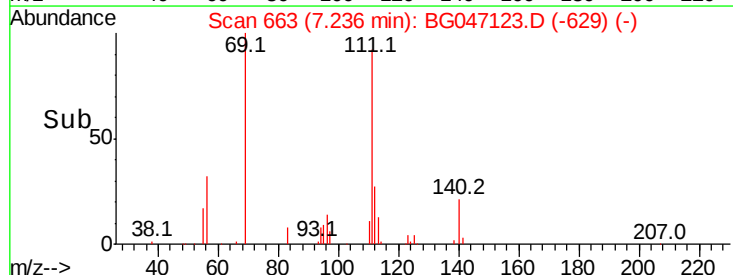
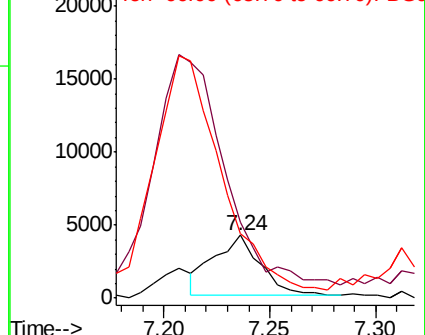
66 102.7 38.5 57.7#

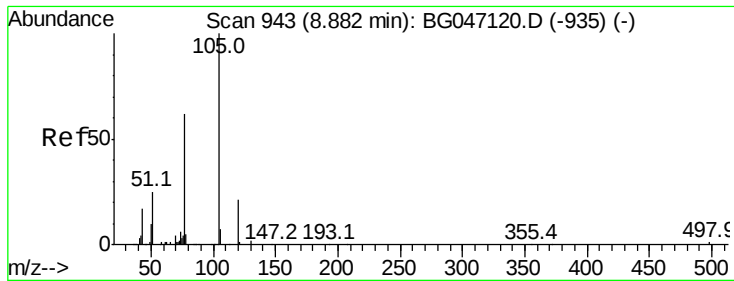


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#14

Acetophenone

Concen: 25.135 ng/ul

RT: 8.87 min Scan# 941

Delta R.T. -0.01 min

Lab File: BG047123.D

Acq: 29 Oct 2020 17:59

Instrument :

BNA\_G

ClientSampleId :

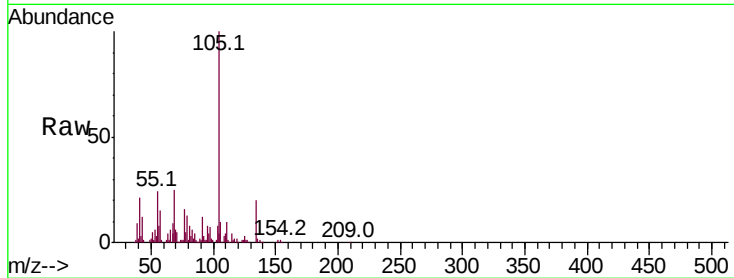
Tot Ion:105 Resp: 118756

Ion Ratio Lower Upper

105 100

77 15.6 61.1 91.7#

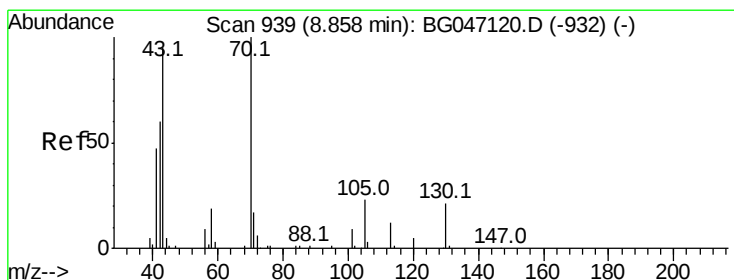
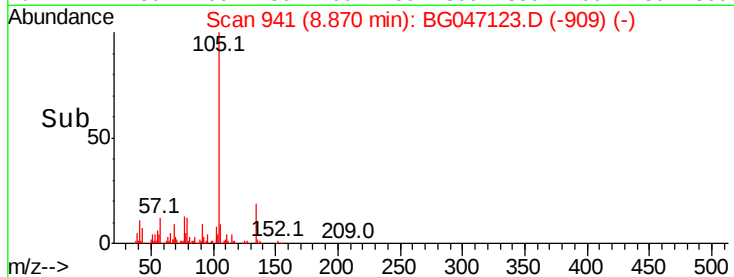
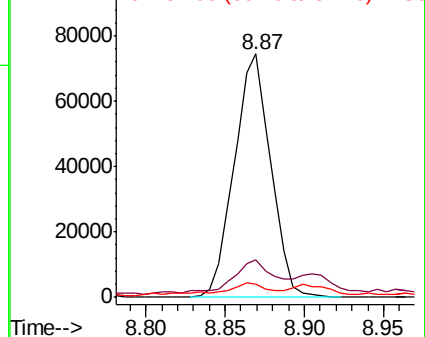
51 5.3 22.9 34.3#



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: 4.842 ng/ul

RT: 8.83 min Scan# 934

Delta R.T. -0.03 min

Lab File: BG047123.D

Acq: 29 Oct 2020 17:59

Tgt Ion: 70 Resp: 12378

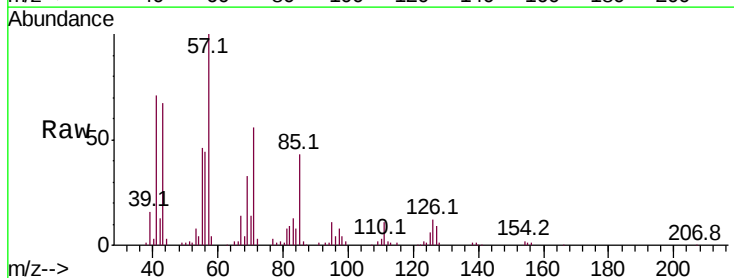
Ion Ratio Lower Upper

70 100

42 97.7 48.3 72.5#

101 0.0 7.8 11.6#

130 0.0 15.4 23.0#

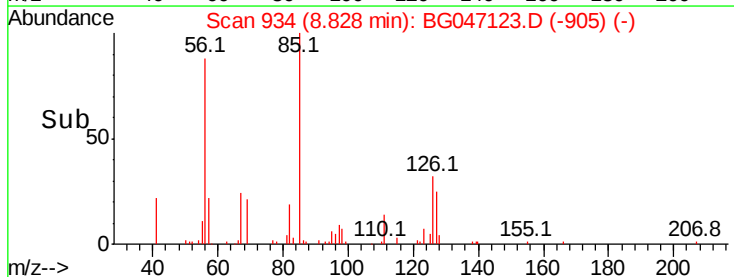
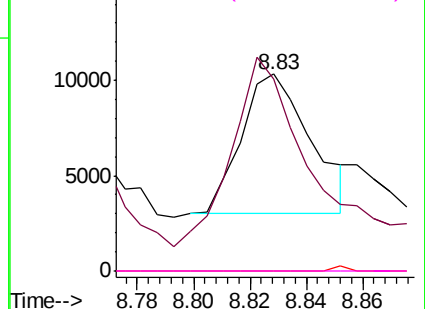


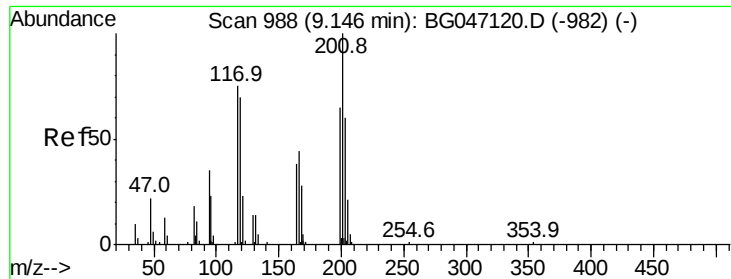
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

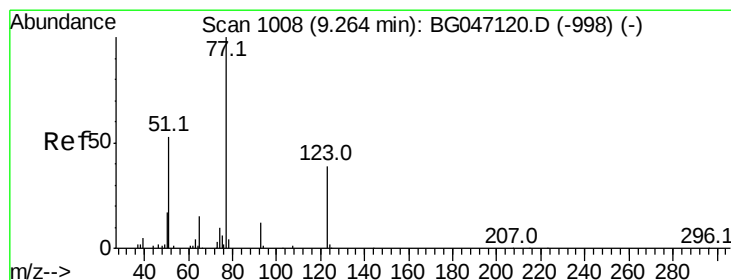
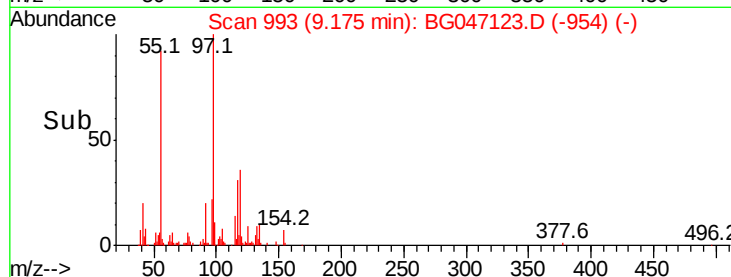
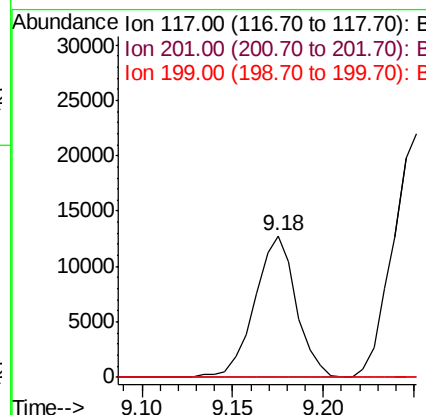
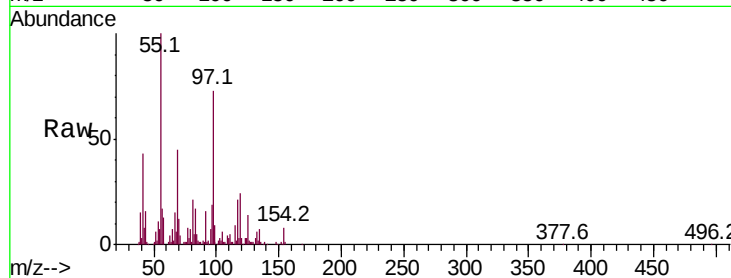




#17  
Hexachloroethane  
Concen: 14.702 ng/ul  
RT: 9.18 min Scan# 993  
Delta R.T. 0.03 min  
Lab File: BG047123.D  
Acq: 29 Oct 2020 17:59

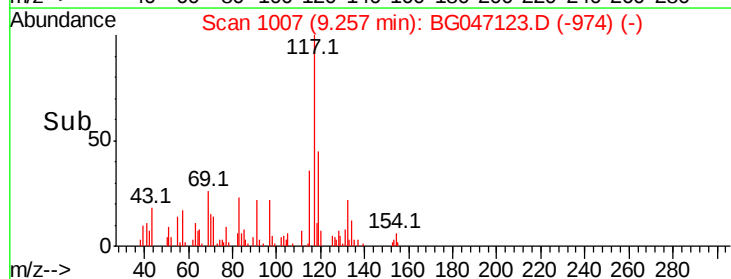
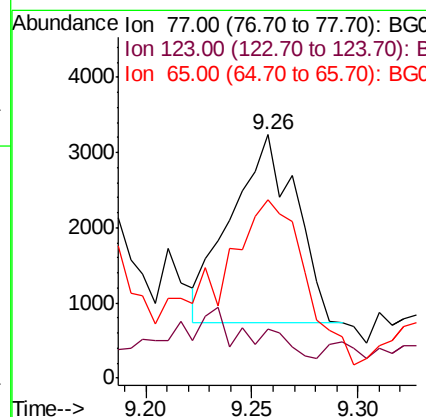
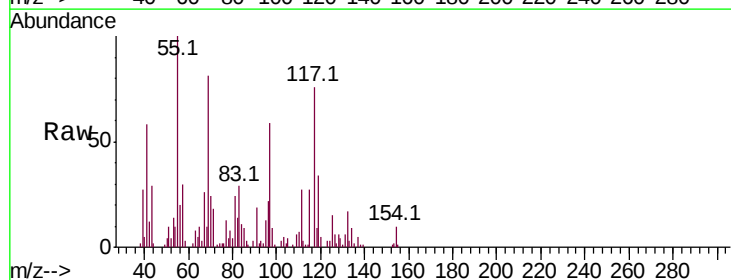
Instrument :  
BNA\_G  
ClientSampled :

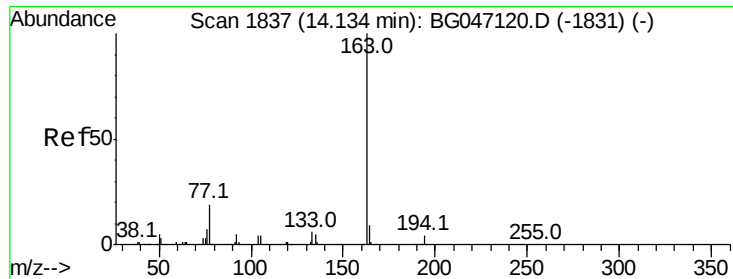
Tot Ion:117 Resp: 20305  
Ion Ratio Lower Upper  
117 100  
201 0.0 105.5 158.3#  
199 0.0 65.4 98.0#



#20  
Nitrobenzene  
Concen: 1.210 ng/ul  
RT: 9.26 min Scan# 1007  
Delta R.T. -0.01 min  
Lab File: BG047123.D  
Acq: 29 Oct 2020 17:59

Tgt Ion: 77 Resp: 5303  
Ion Ratio Lower Upper  
77 100  
123 20.1 29.8 44.6#  
65 73.3 12.5 18.7#

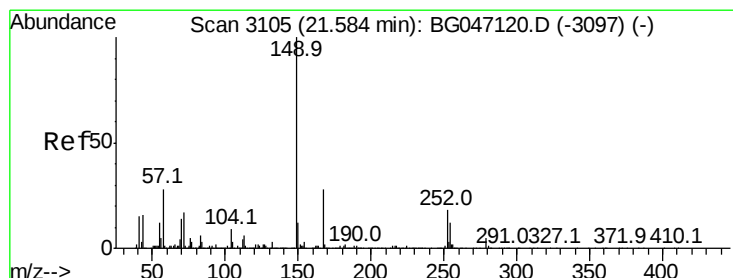
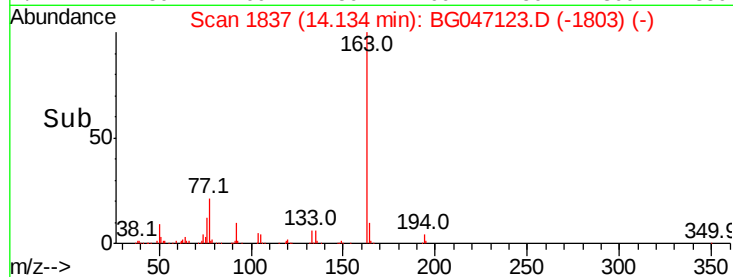
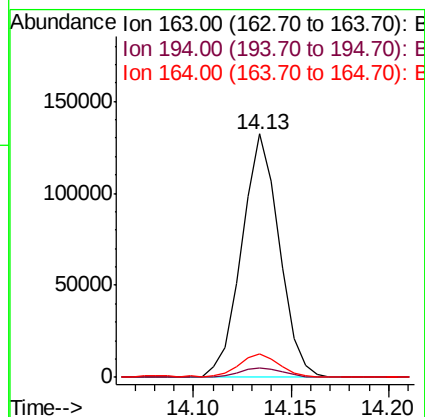
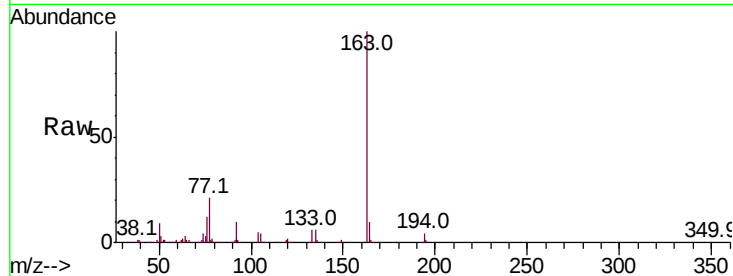




#45  
Dimethylphthalate  
Concen: 14.198 ng/ul  
RT: 14.13 min Scan# 1837  
Delta R.T. -0.00 min  
Lab File: BG047123.D  
Acq: 29 Oct 2020 17:59

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.0   | 3.7   | 5.5   |
| 164     | 9.5   | 7.9   | 11.9  |



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 4.216 ng/ul  
RT: 21.58 min Scan# 3105  
Delta R.T. -0.00 min  
Lab File: BG047123.D  
Acq: 29 Oct 2020 17:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 32.1  | 22.3  | 33.5  |
| 279     | 6.0   | 4.8   | 7.2   |

