

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\  
 Data File : BG047678.D  
 Acq On : 9 Dec 2020 17:58  
 Operator : CG/JU  
 Sample : L4941-05  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AY4

Quant Time: Dec 10 00:44:38 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG120720MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 08 17:39:41 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.22  | 152  | 35964    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.04 | 136  | 139520   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.84 | 164  | 110169   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.57 | 188  | 265450   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.85 | 240  | 234152   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.22 | 264  | 240549   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.53  | 96  | 900    | 1.33  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.35  | 99  | 30483  | 9.90  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.53  | 67  | 15511  | 9.80  | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.74  | 132 | 21569  | 9.24  | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.92  | 113 | 23578  | 9.65  | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.38  | 128 | 10986  | 9.66  | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.12 | 143 | 14133  | 10.31 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.65 | 165 | 28628  | 9.62  | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.17 | 131 | 30752  | 11.25 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.23 | 166 | 98384  | 10.28 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.53 | 160 | 115538 | 10.57 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 15.01 | 143 | 13722  | 9.67  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.82 | 176 | 91668  | 10.41 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.93 | 200 | 13051  | 7.26  | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.67 | 188 | 149750 | 11.31 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.94 | 212 | 168298 | 12.16 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.98 | 264 | 163386 | 11.63 | ng/ul | 0.00 |

## Target Compounds

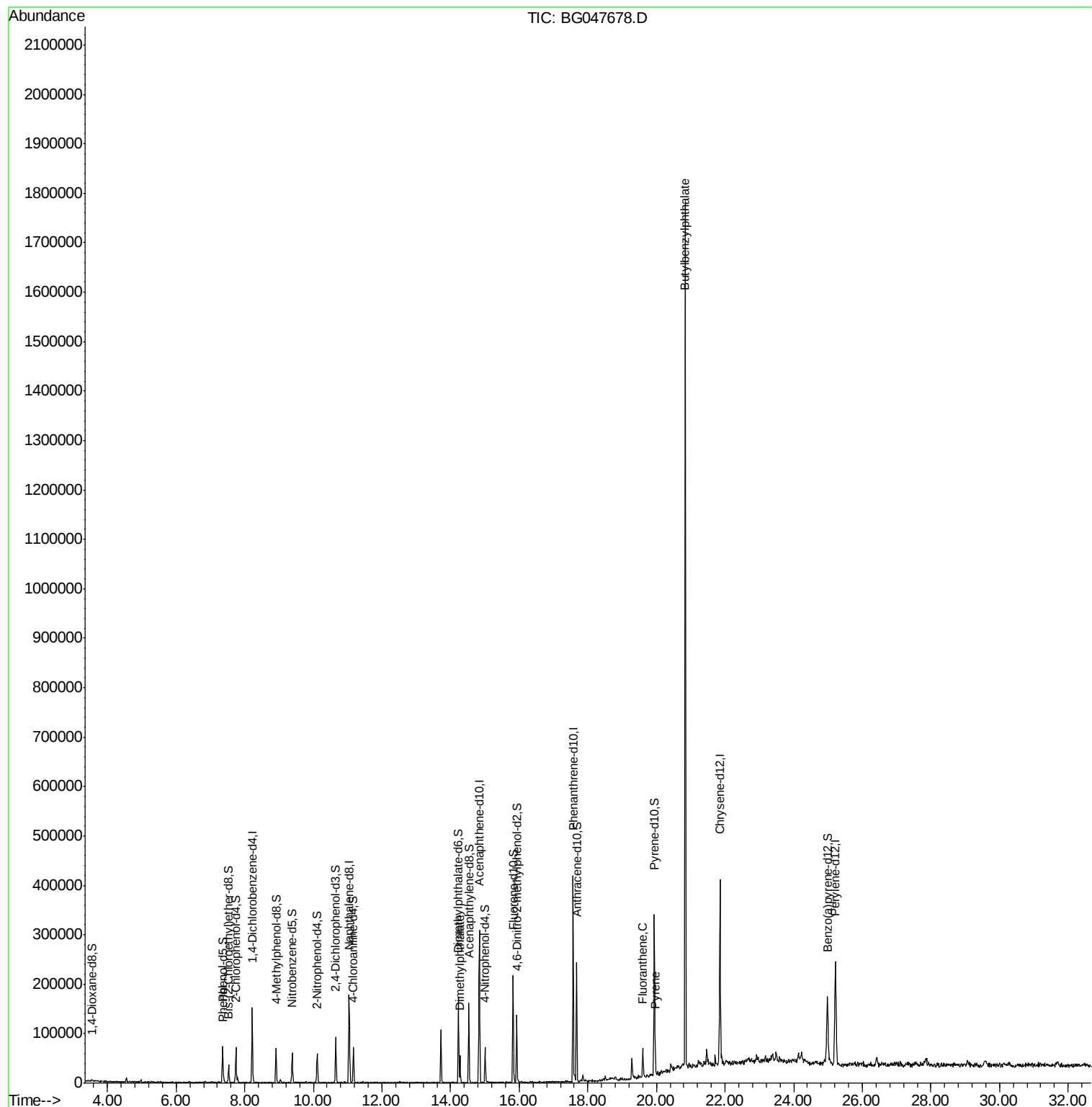
|                          |       |     |        |        | Ovalue |    |
|--------------------------|-------|-----|--------|--------|--------|----|
| 6) Phenol                | 7.38  | 94  | 4824   | 1.659  | ng/ul  | 95 |
| 45) Dimethylphthalate    | 14.28 | 163 | 30548  | 3.151  | ng/ul# | 95 |
| 77) Fluoranthene         | 19.61 | 202 | 26029  | 1.422  | ng/ul  | 99 |
| 80) Pyrene               | 19.97 | 202 | 22291  | 1.309  | ng/ul# | 93 |
| 81) Butylbenzylphthalate | 20.84 | 149 | 456787 | 80.616 | ng/ul  | 95 |

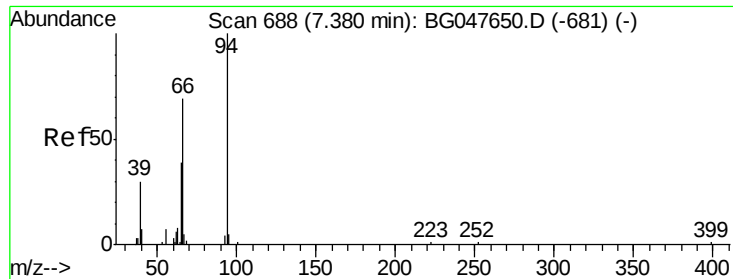
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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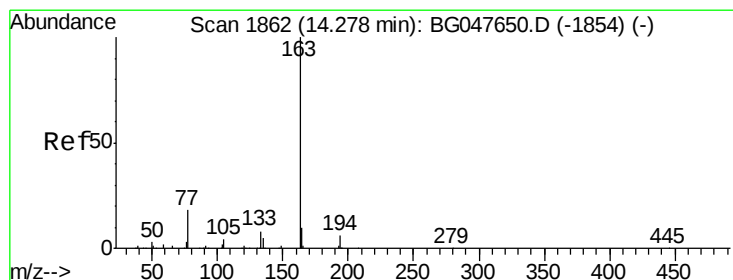
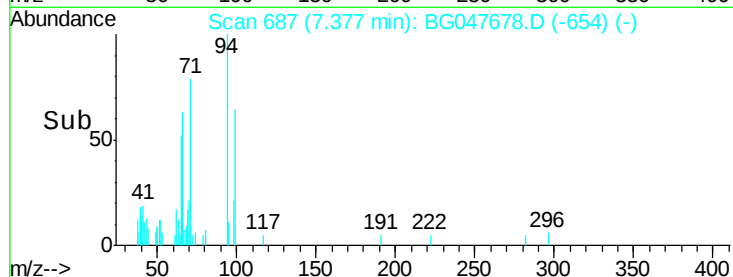
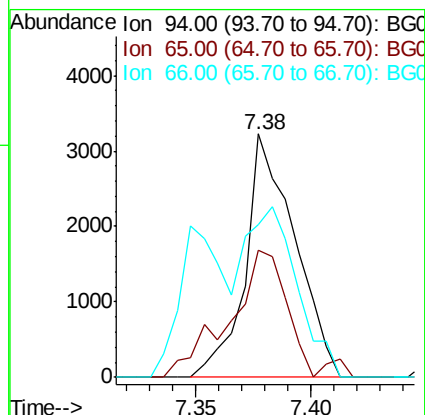
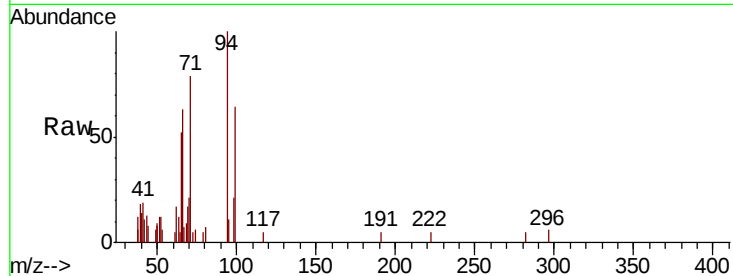
#6

Phenol

Concen: 1.659 ng/ul  
 RT: 7.38 min Scan# 687  
 Delta R.T. -0.00 min  
 Lab File: BG047678.D  
 Acq: 9 Dec 2020 17:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AY4

Tot Ion: 94 Resp: 4824  
 Ion Ratio Lower Upper  
 94 100  
 65 52.0 35.9 53.9  
 66 62.8 50.1 75.1

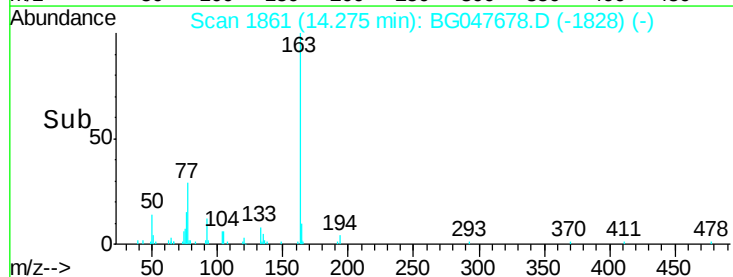
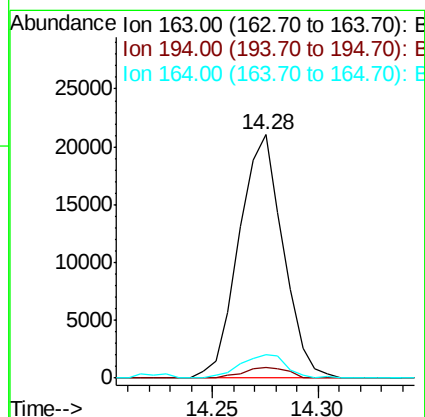
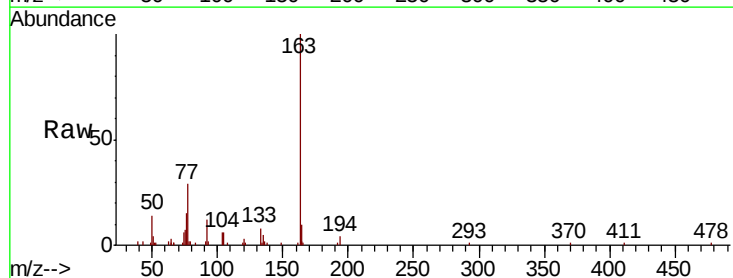


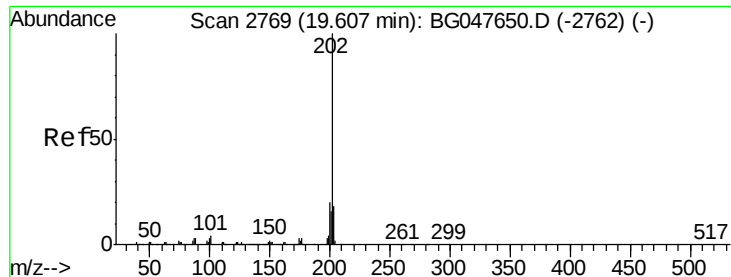
#45

Dimethylphthalate

Concen: 3.151 ng/ul  
 RT: 14.28 min Scan# 1861  
 Delta R.T. -0.00 min  
 Lab File: BG047678.D  
 Acq: 9 Dec 2020 17:58

Tgt Ion: 163 Resp: 30548  
 Ion Ratio Lower Upper  
 163 100  
 194 4.4 3.9 5.9  
 164 11.6 7.4 11.2#

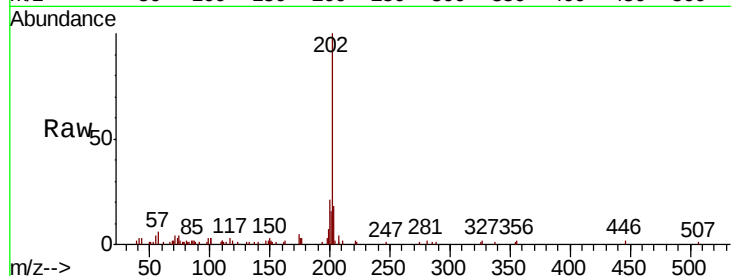




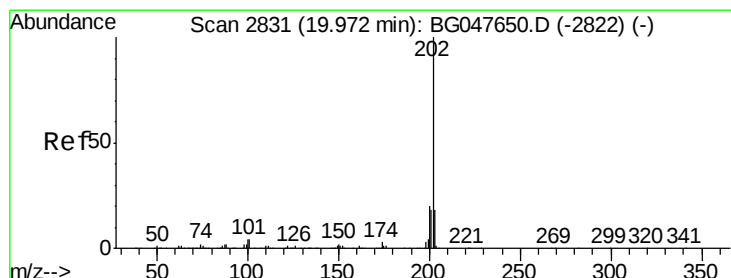
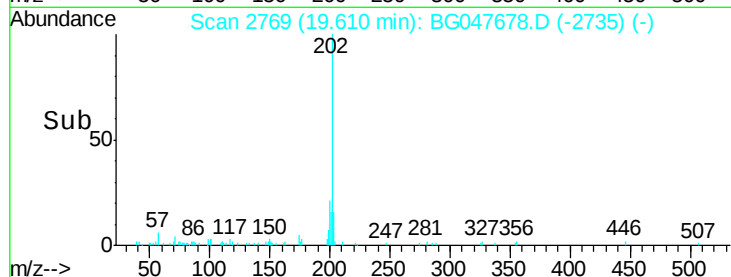
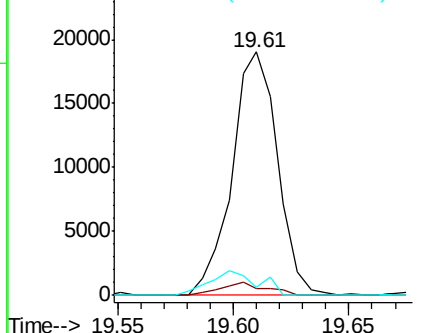
#77  
 Fluoranthene  
 Concen: 1.422 ng/ul  
 RT: 19.61 min Scan# 2769  
 Delta R.T. 0.00 min  
 Lab File: BG047678.D  
 Acq: 9 Dec 2020 17:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AY4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 2.8   | 2.4   | 3.6   |
| 100     | 3.5   | 2.6   | 3.8   |

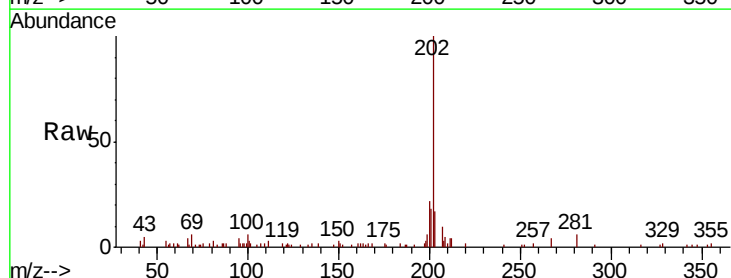


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 100.00 (99.70 to 100.70): B

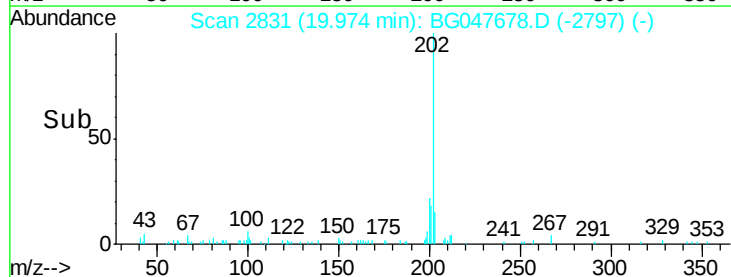
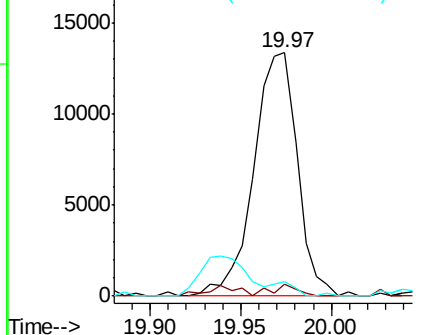


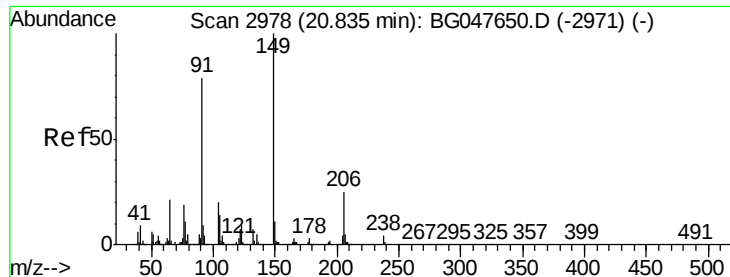
#80  
 Pyrene  
 Concen: 1.309 ng/ul  
 RT: 19.97 min Scan# 2831  
 Delta R.T. 0.00 min  
 Lab File: BG047678.D  
 Acq: 9 Dec 2020 17:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 5.0   | 2.5   | 3.7#  |
| 100     | 5.8   | 2.4   | 3.6#  |



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





#81

Butylbenzylphthalate

Concen: 80.616 ng/ul

RT: 20.84 min Scan# 2978

Delta R.T. 0.00 min

Lab File: BG047678.D

Acq: 9 Dec 2020 17:58

Instrument :

BNA\_G

ClientSampleId :

C0AY4

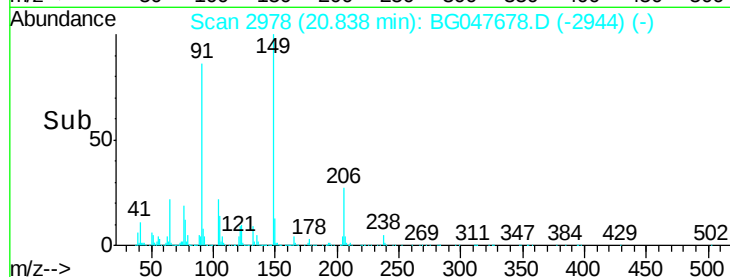
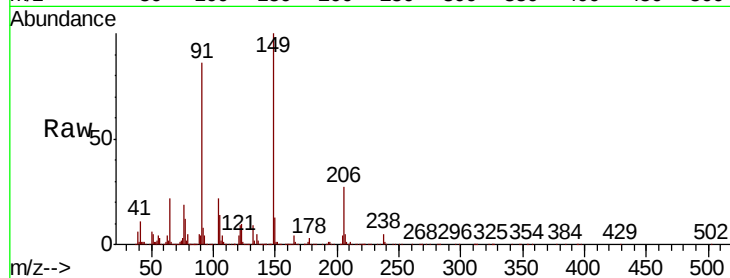
Tot Ion:149 Resp: 456787

Ion Ratio Lower Upper

149 100

91 85.6 71.6 107.4

206 26.8 23.9 35.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E

