

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\  
 Data File : BG047602.D  
 Acq On : 5 Dec 2020 12:31  
 Operator : CG/JU  
 Sample : L4864-21  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0B64

Quant Time: Dec 07 05:08:08 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Dec 07 05:06:33 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.25  | 152  | 33627    | 20.00 | ng/ul | -0.02    |
| 18) Naphthalene-d8        | 11.07 | 136  | 130399   | 20.00 | ng/ul | -0.03    |
| 36) Acenaphthene-d10      | 14.86 | 164  | 103331   | 20.00 | ng/ul | -0.02    |
| 62) Phenanthrene-d10      | 17.60 | 188  | 238630   | 20.00 | ng/ul | -0.02    |
| 78) Chrysene-d12          | 21.88 | 240  | 227760   | 20.00 | ng/ul | -0.02    |
| 86) Perylene-d12          | 25.27 | 264  | 249070   | 20.00 | ng/ul | -0.03    |

## System Monitoring Compounds

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.59  | 96  | 1157   | 1.25  | ng/uL | -0.02 |
| 5) Phenol-d5                   | 7.38  | 99  | 32314  | 9.58  | ng/ul | -0.02 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.55  | 67  | 17122  | 8.90  | ng/ul | -0.03 |
| 9) 2-Chlorophenol-d4           | 7.78  | 132 | 24254  | 10.72 | ng/ul | -0.02 |
| 13) 4-Methylphenol-d8          | 8.94  | 113 | 17414  | 6.72  | ng/ul | -0.02 |
| 19) Nitrobenzene-d5            | 9.42  | 128 | 12618  | 11.71 | ng/ul | -0.02 |
| 22) 2-Nitrophenol-d4           | 10.14 | 143 | 15419  | 13.12 | ng/ul | -0.03 |
| 26) 2,4-Dichlorophenol-d3      | 10.69 | 165 | 31396  | 11.67 | ng/ul | -0.02 |
| 29) 4-Chloroaniline-d4         | 11.20 | 131 | 29649  | 10.90 | ng/ul | -0.02 |
| 44) Dimethylphthalate-d6       | 14.25 | 166 | 103027 | 11.61 | ng/ul | -0.03 |
| 47) Acenaphthylene-d8          | 14.56 | 160 | 114805 | 11.20 | ng/ul | -0.02 |
| 52) 4-Nitrophenol-d4           | 15.02 | 143 | 12813  | 9.47  | ng/ul | 0.00  |
| 58) Fluorene-d10               | 15.84 | 176 | 93568  | 11.51 | ng/ul | -0.03 |
| 63) 4,6-Dinitro-2-methylphenol | 15.95 | 200 | 16081  | 11.84 | ng/ul | -0.02 |
| 71) Anthracene-d10             | 17.69 | 188 | 137226 | 11.59 | ng/ul | -0.02 |
| 79) Pyrene-d10                 | 19.96 | 212 | 169364 | 12.78 | ng/ul | -0.02 |
| 90) Benzo(a)pyrene-d12         | 25.03 | 264 | 174662 | 12.18 | ng/ul | -0.03 |

## Target Compounds

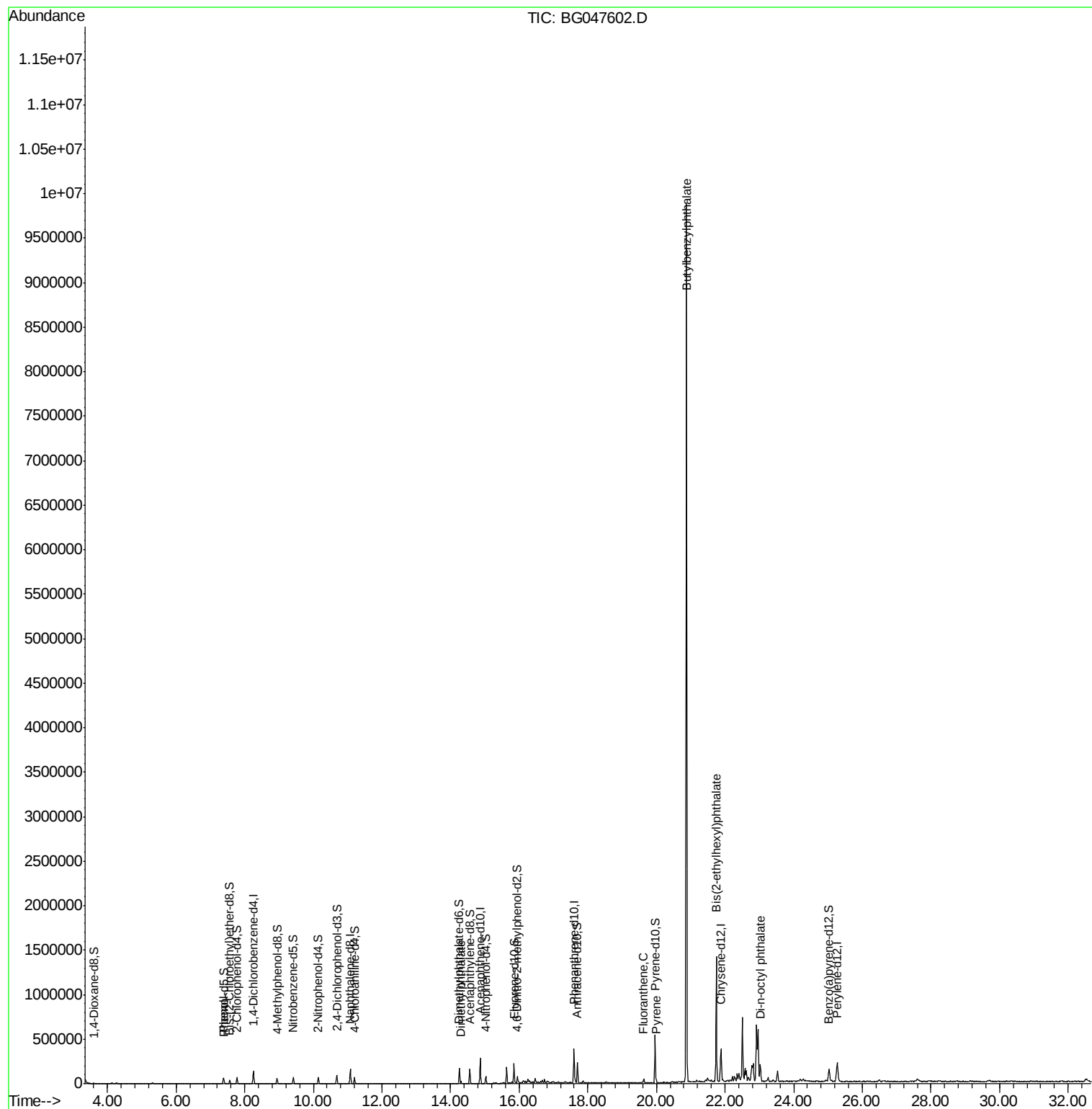
|                                |       |     |         |         | Ovalue |     |
|--------------------------------|-------|-----|---------|---------|--------|-----|
| 6) Phenol                      | 7.41  | 94  | 3525    | 1.091   | ng/ul  | 93  |
| 45) Dimethylphthalate          | 14.30 | 163 | 18251   | 2.017   | ng/ul# | 91  |
| 77) Fluoranthene               | 19.63 | 202 | 31723   | 1.949   | ng/ul# | 97  |
| 80) Pyrene                     | 19.99 | 202 | 28714   | 1.780   | ng/ul# | 93  |
| 81) Butylbenzylphthalate       | 20.88 | 149 | 2894904 | 510.899 | ng/ul# | 93  |
| 84) Bis(2-ethylhexyl)phthalate | 21.74 | 149 | 542890  | 68.736  | ng/ul# | 96  |
| 87) Di-n-octyl phthalate       | 23.03 | 149 | 64685   | 4.689   | ng/ul  | 100 |

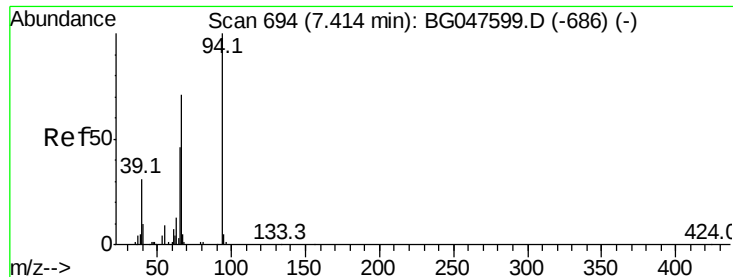
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION  
QLast Update : Mon Dec 07 05:06:33 2020  
Response via : Initial Calibration





#6

Phenol

Concen: 1.091 ng/ul

RT: 7.41 min Scan# 692

Delta R.T. -0.02 min

Lab File: BG047602.D

Acq: 5 Dec 2020 12:31

Instrument :

BNA\_G

ClientSampleId :

C0B64

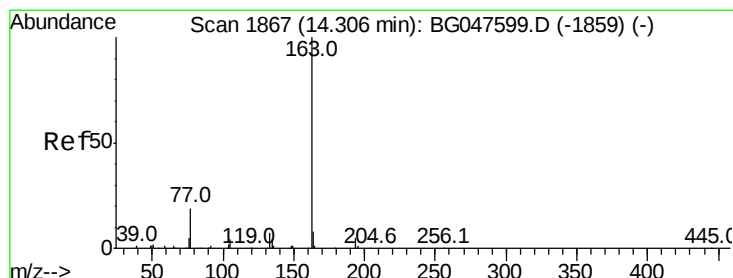
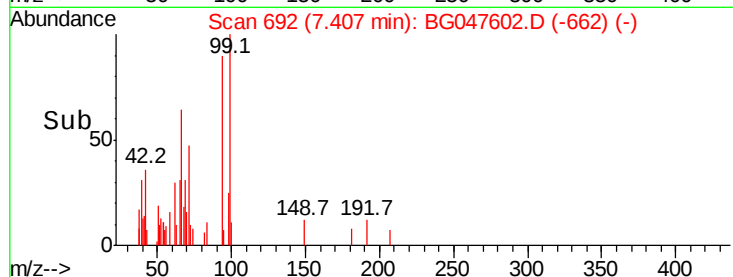
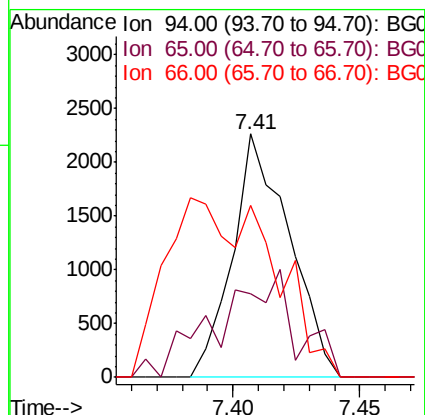
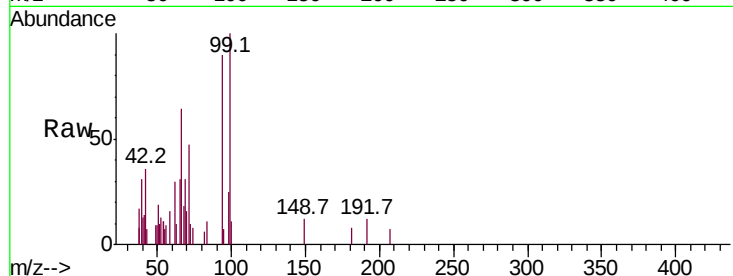
Tot Ion: 94 Resp: 3525

Ion Ratio Lower Upper

94 100

65 34.1 31.2 46.8

66 70.8 52.2 78.2



#45

Dimethylphthalate

Concen: 2.017 ng/ul

RT: 14.30 min Scan# 1866

Delta R.T. -0.02 min

Lab File: BG047602.D

Acq: 5 Dec 2020 12:31

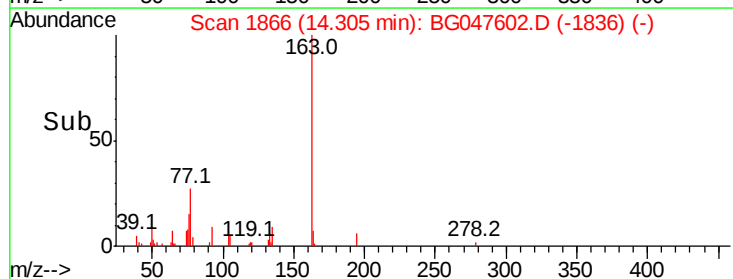
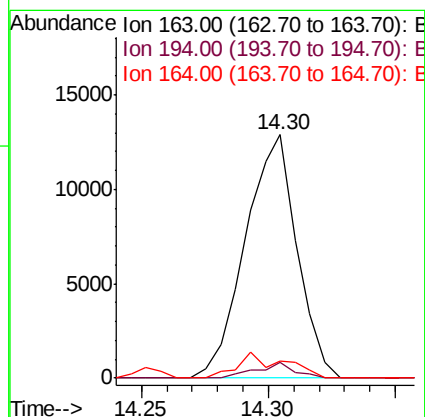
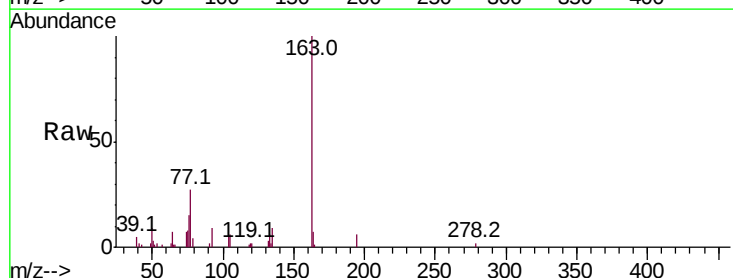
Tgt Ion:163 Resp: 18251

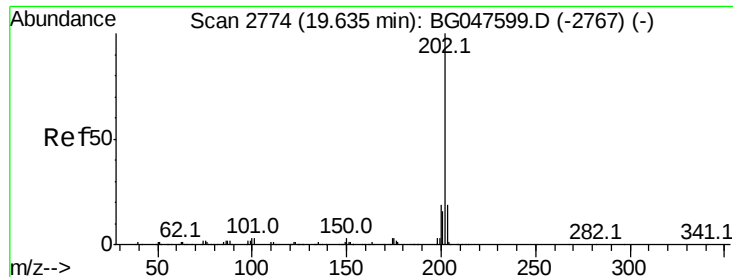
Ion Ratio Lower Upper

163 100

194 6.4 3.4 5.2#

164 7.0 8.8 13.2#





#77

Fluoranthene

Concen: 1.949 ng/ul

RT: 19.63 min Scan# 2773

Delta R.T. -0.02 min

Lab File: BG047602.D

Acq: 5 Dec 2020 12:31

Instrument :

BNA\_G

ClientSampleId :

C0B64

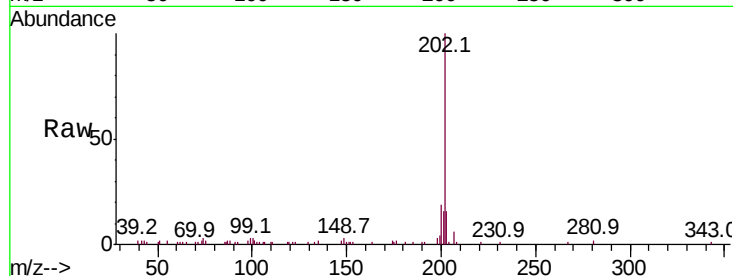
Tot Ion:202 Resp: 31723

Ion Ratio Lower Upper

202 100

101 4.4 3.3 4.9

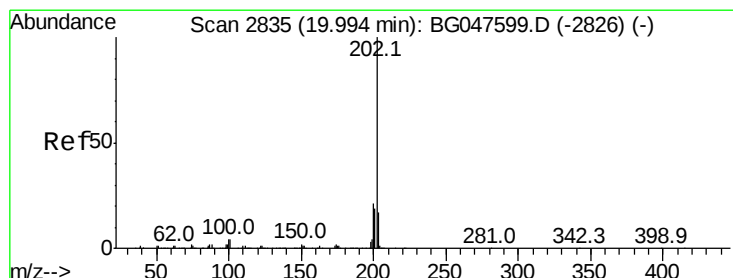
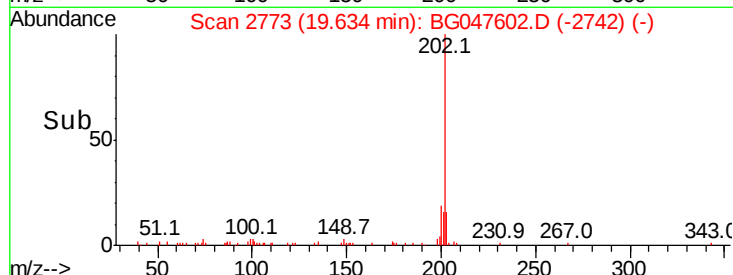
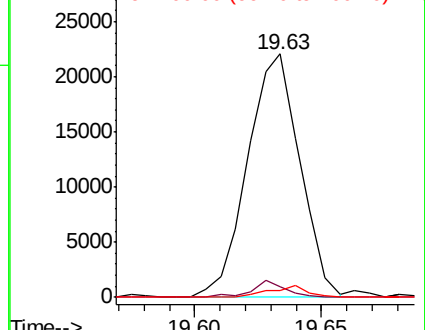
100 2.8 3.4 5.0#



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: 1.780 ng/ul

RT: 19.99 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG047602.D

Acq: 5 Dec 2020 12:31

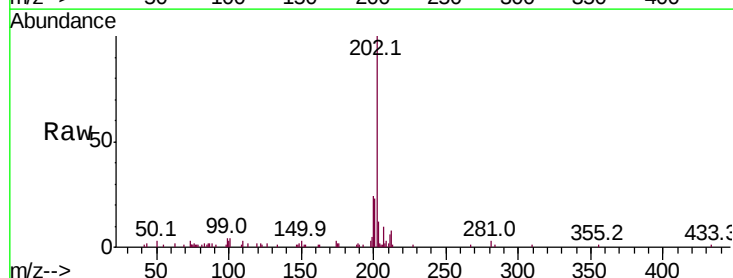
Tgt Ion:202 Resp: 28714

Ion Ratio Lower Upper

202 100

101 4.5 5.0 7.4#

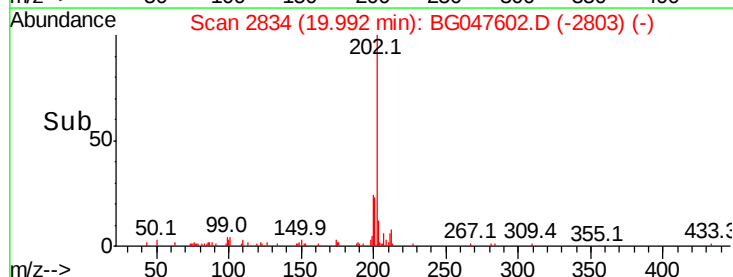
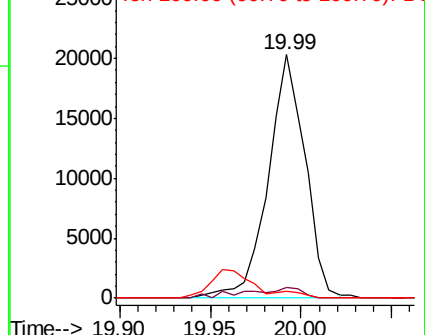
100 2.8 4.6 7.0#

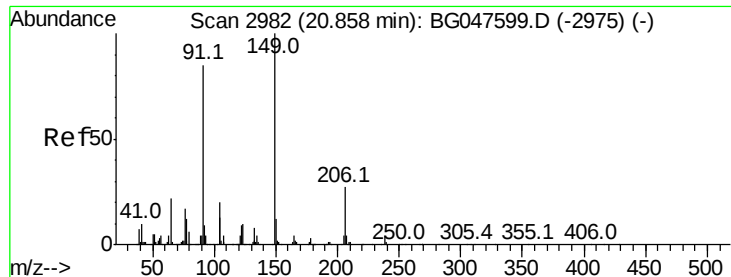


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

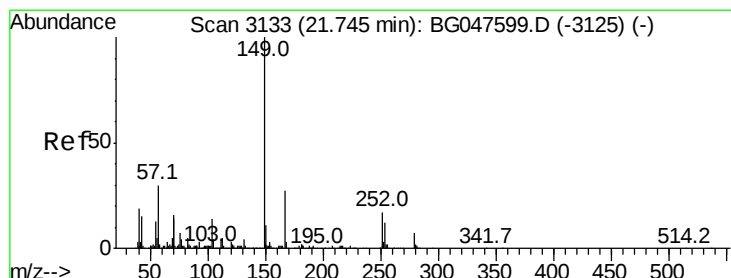
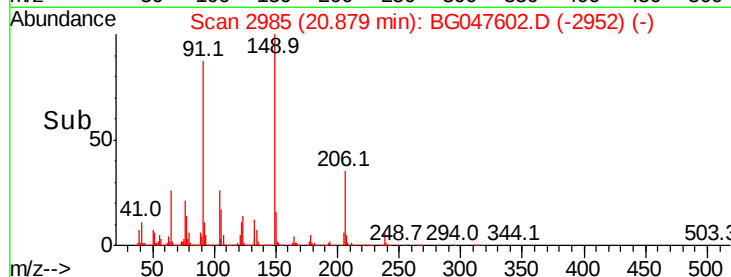
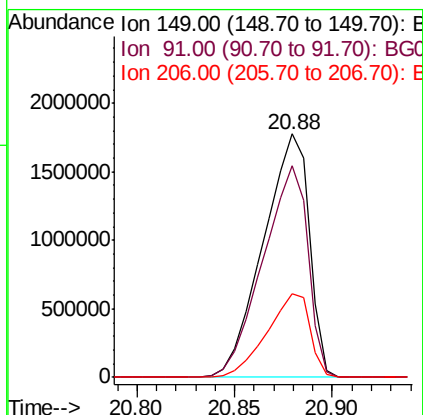
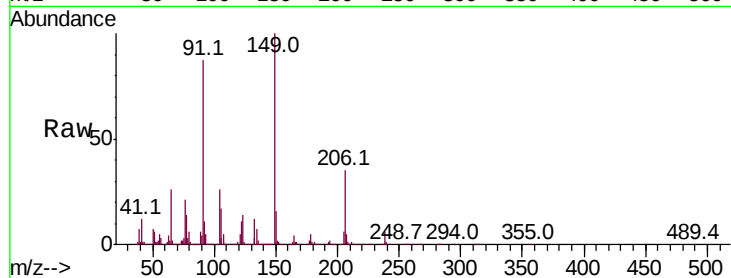




#81  
 Butylbenzylphthalate  
 Concen: 510.899 ng/ul  
 RT: 20.88 min Scan# 2985  
 Delta R.T. -0.00 min  
 Lab File: BG047602.D  
 Acq: 5 Dec 2020 12:31

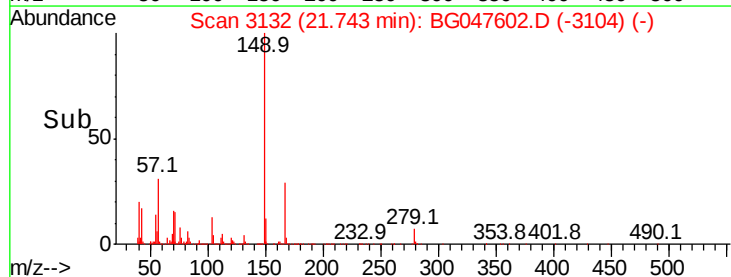
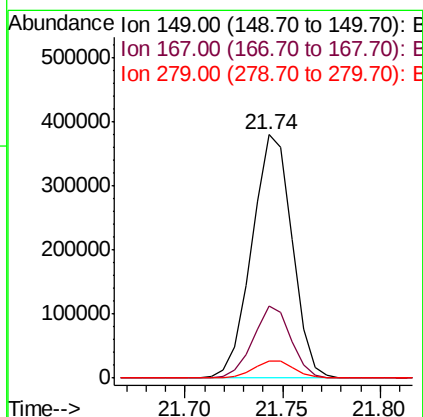
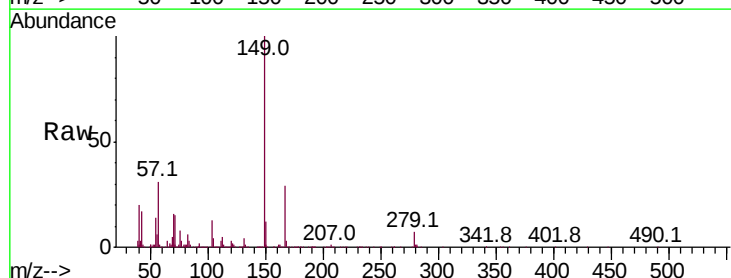
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 BNA\_G  
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 C0B64

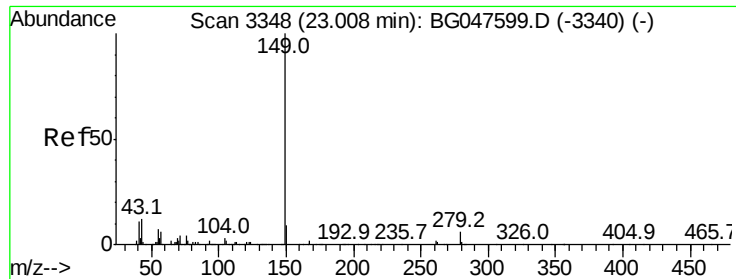
Tot Ion:149 Resp: 2894904  
 Ion Ratio Lower Upper  
 149 100  
 91 86.7 67.0 100.4  
 206 34.5 19.3 28.9#



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 68.736 ng/ul  
 RT: 21.74 min Scan# 3132  
 Delta R.T. -0.03 min  
 Lab File: BG047602.D  
 Acq: 5 Dec 2020 12:31

Tgt Ion:149 Resp: 542890  
 Ion Ratio Lower Upper  
 149 100  
 167 29.4 21.8 32.8  
 279 6.9 4.2 6.2#





#87

Di-n-octyl phthalate

Concen: 4.689 ng/ul

RT: 23.03 min Scan# 3351

Delta R.T. -0.03 min

Lab File: BG047602.D

Acq: 5 Dec 2020 12:31

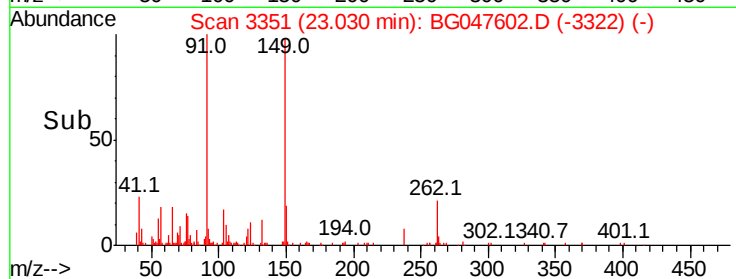
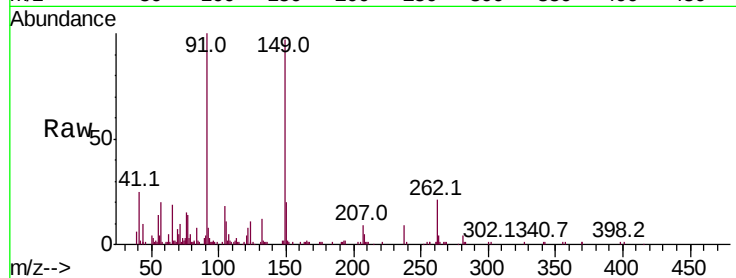
Instrument :

BNA\_G

ClientSampleId :

C0B64

Tgt Ion:149 Resp: 64685



Abundance Ion 149.00 (148.70 to 149.70): E

