

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121721\  
 Data File : BG051639.D  
 Acq On : 18 Dec 2021 21:27  
 Operator : CG/JU  
 Sample : M5153-09  
 Misc :  
 ALS Vial : 55 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BGL74

Quant Time: Dec 19 00:12:11 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 14 14:19:57 2021  
 Response via : Initial Calibration

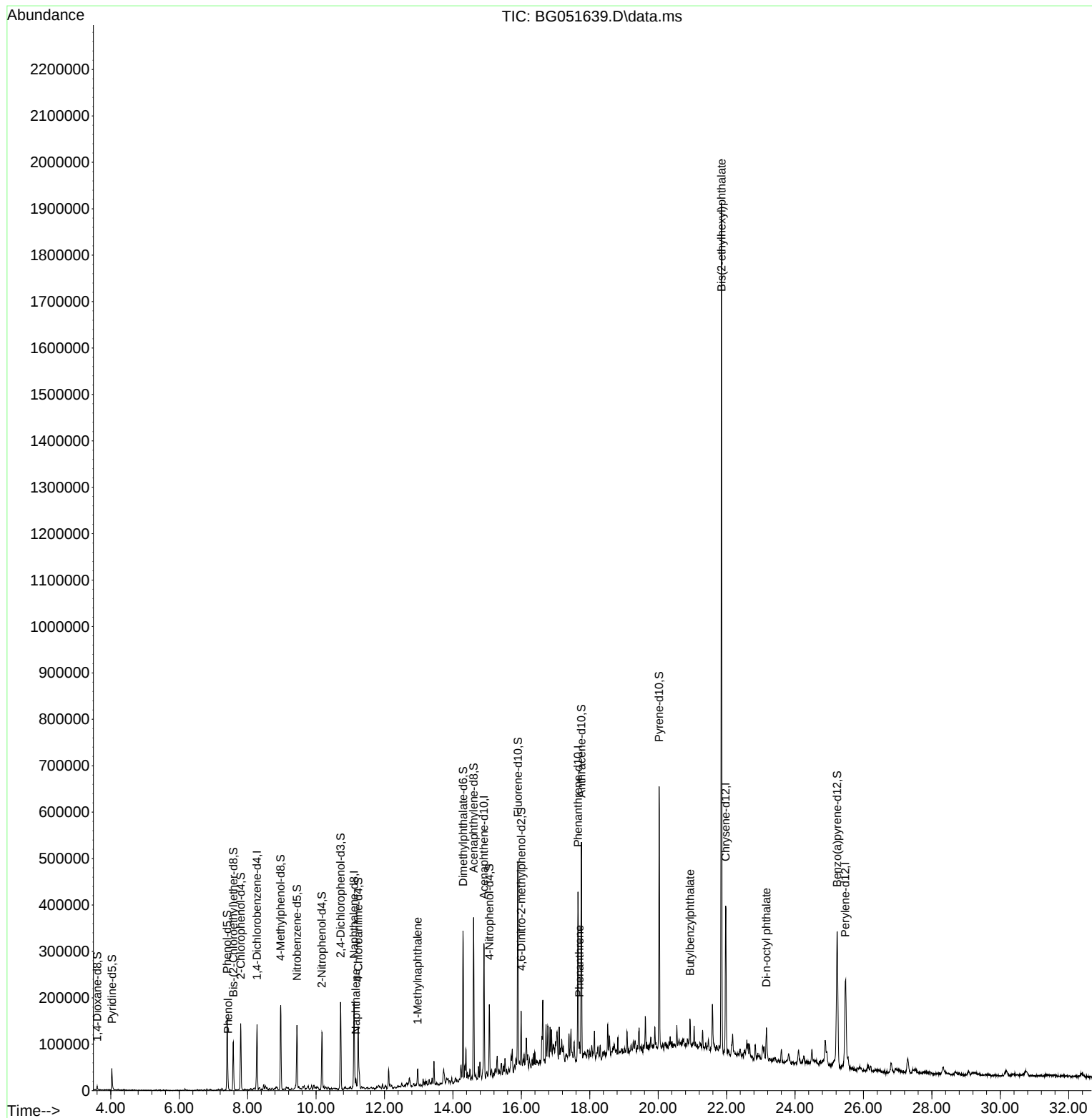
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.275  | 152  | 36933    | 20.000  | ng/ul  | -0.01    |
| 20) Naphthalene-d8            | 11.112 | 136  | 150670   | 20.000  | ng/ul  | -0.01    |
| 38) Acenaphthene-d10          | 14.907 | 164  | 98712    | 20.000  | ng/ul  | -0.01    |
| 64) Phenanthrene-d10          | 17.656 | 188  | 214060   | 20.000  | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.974 | 240  | 212088   | 20.000  | ng/ul  | #-0.01   |
| 88) Perylene-d12              | 25.469 | 264  | 226188   | 20.000  | ng/ul  | -0.02    |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.605  | 96   | 4133     | 4.647   | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 4.034  | 84   | 28330    | 10.543  | ng/ul  | -0.01    |
| 7) Phenol-d5                  | 7.406  | 99   | 85458    | 25.915  | ng/ul  | -0.01    |
| 9) Bis-(2-Chloroethyl)eth...  | 7.582  | 67   | 51925    | 26.487  | ng/ul  | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.799  | 132  | 61521    | 26.824  | ng/ul  | -0.01    |
| 15) 4-Methylphenol-d8         | 8.968  | 113  | 67355    | 26.424  | ng/ul  | -0.01    |
| 21) Nitrobenzene-d5           | 9.444  | 128  | 30277    | 27.409  | ng/ul  | -0.01    |
| 24) 2-Nitrophenol-d4          | 10.172 | 143  | 35095    | 29.062  | ng/ul  | -0.01    |
| 28) 2,4-Dichlorophenol-d3     | 10.719 | 165  | 67820    | 25.898  | ng/ul  | -0.01    |
| 31) 4-Chloroaniline-d4        | 11.236 | 131  | 66897    | 19.403  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.296 | 166  | 207259   | 26.232  | ng/ul  | -0.02    |
| 49) Acenaphthylene-d8         | 14.608 | 160  | 264929   | 26.999  | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 15.066 | 143  | 33156    | 25.806  | ng/ul  | -0.01    |
| 60) Fluorene-d10              | 15.900 | 176  | 179260   | 25.324  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 16.000 | 200  | 28165    | 25.254  | ng/ul  | -0.01    |
| 73) Anthracene-d10            | 17.756 | 188  | 285557   | 27.965  | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 20.030 | 212  | 332283   | 26.032  | ng/ul  | -0.01    |
| 92) Benzo(a)pyrene-d12        | 25.234 | 264  | 318310   | 26.746  | ng/ul  | -0.02    |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 8) Phenol                     | 7.429  | 94   | 4473     | 1.364   | ng/ul# | 91       |
| 30) Naphthalene               | 11.165 | 128  | 16580    | 2.043   | ng/ul# | 95       |
| 37) 1-Methylnaphthalene       | 12.969 | 142  | 16003    | 2.661   | ng/ul  | 97       |
| 72) Phenanthrene              | 17.698 | 178  | 16862    | 1.532   | ng/ul# | 95       |
| 83) Butylbenzylphthalate      | 20.934 | 149  | 12883    | 2.649   | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.851 | 149  | 727841   | 106.858 | ng/ul# | 98       |
| 89) Di-n-octyl phthalate      | 23.161 | 149  | 71689    | 5.884   | ng/ul  | 100      |
| -----                         |        |      |          |         |        |          |

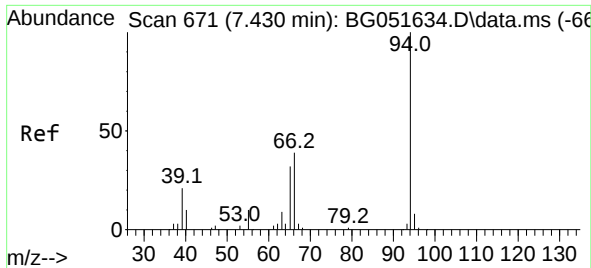
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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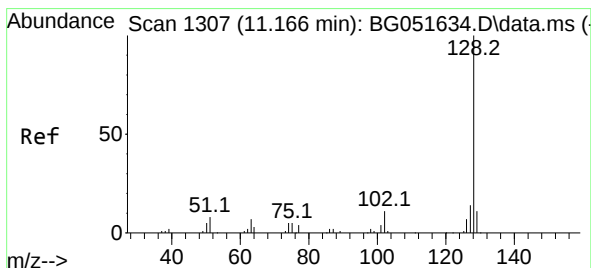
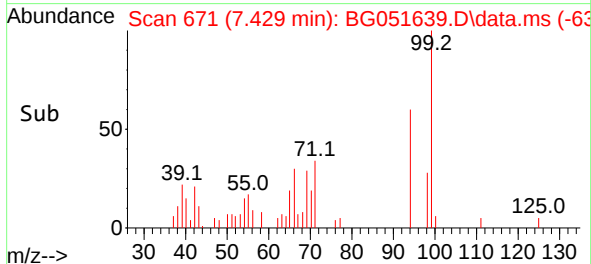
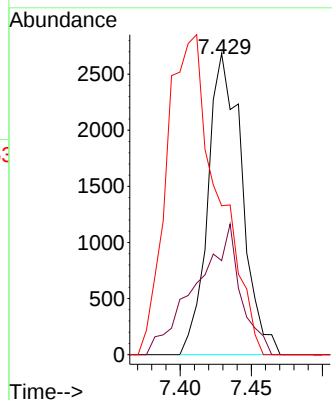
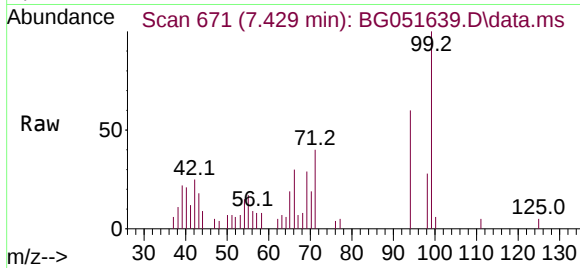




#8  
Phenol  
Concen: 1.364 ng/ul  
RT: 7.429 min Scan# 671  
Delta R.T. -0.012 min  
Lab File: BG051639.D  
Acq: 18 Dec 2021 21:27

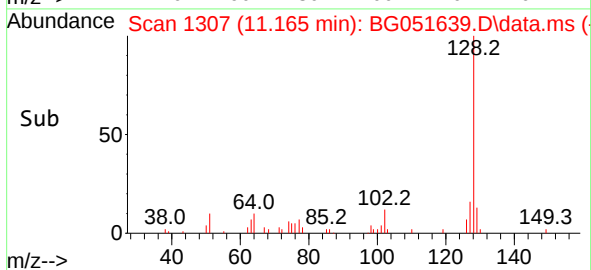
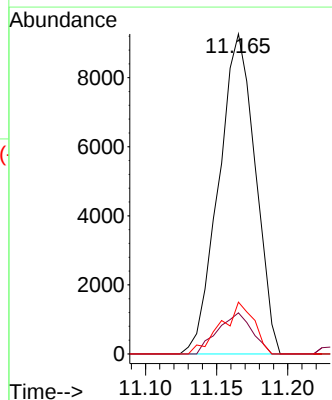
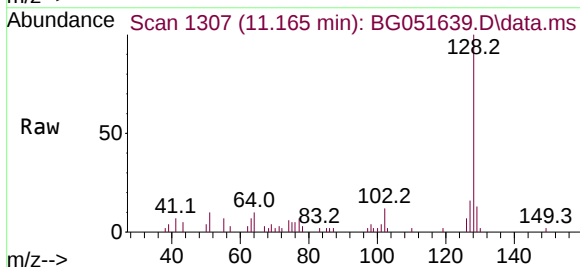
Instrument :  
BNA\_G  
ClientSampleId :  
BGL74

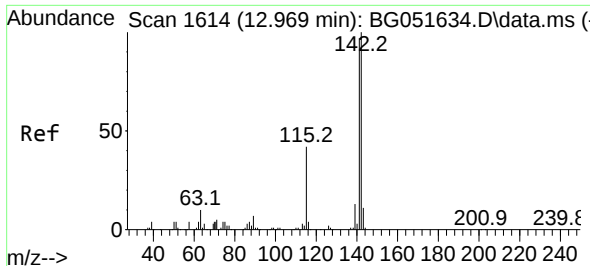
Tgt Ion: 94 Resp: 4473  
Ion Ratio Lower Upper  
94 100  
65 31.2 25.1 37.7  
66 49.4 31.6 47.4#



#30  
Naphthalene  
Concen: 2.043 ng/ul  
RT: 11.165 min Scan# 1307  
Delta R.T. -0.012 min  
Lab File: BG051639.D  
Acq: 18 Dec 2021 21:27

Tgt Ion:128 Resp: 16580  
Ion Ratio Lower Upper  
128 100  
129 12.8 8.5 12.7#  
127 16.2 11.8 17.6





#37

1-Methylnaphthalene

Concen: 2.661 ng/ul

RT: 12.969 min Scan# 1

Delta R.T. -0.018 min

Lab File: BG051639.D

Acq: 18 Dec 2021 21:27

Instrument :

BNA\_G

ClientSampleId :

BGL74

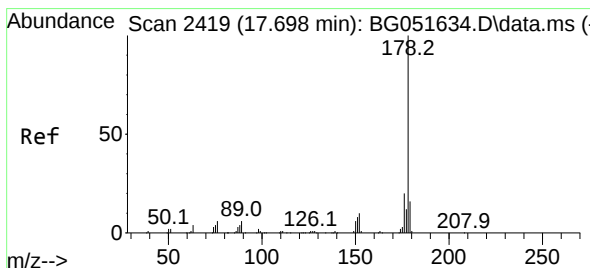
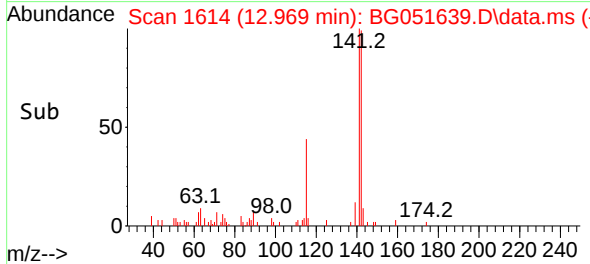
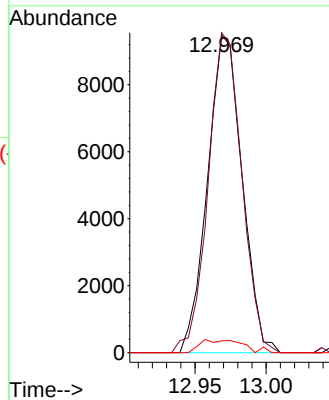
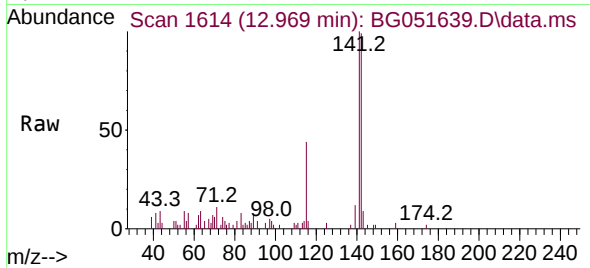
Tgt Ion:142 Resp: 16003

Ion Ratio Lower Upper

142 100

141 100.7 77.8 116.8

116 3.7 3.3 4.9



#72

Phenanthrene

Concen: 1.532 ng/ul

RT: 17.698 min Scan# 2419

Delta R.T. -0.012 min

Lab File: BG051639.D

Acq: 18 Dec 2021 21:27

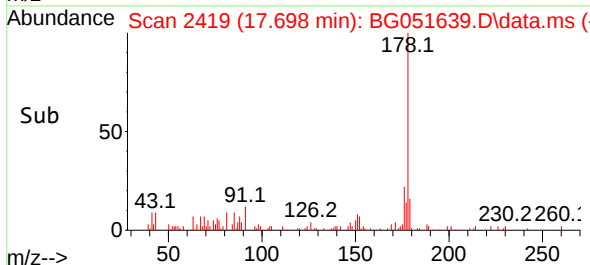
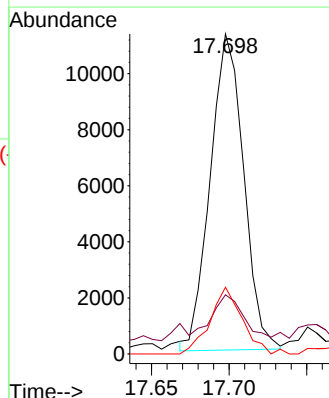
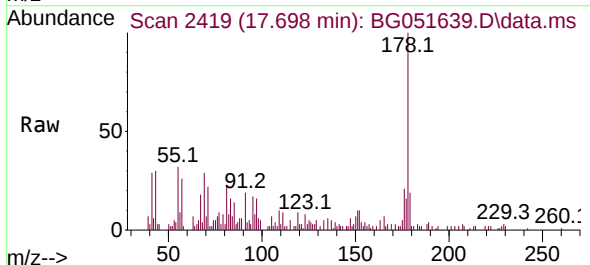
Tgt Ion:178 Resp: 16862

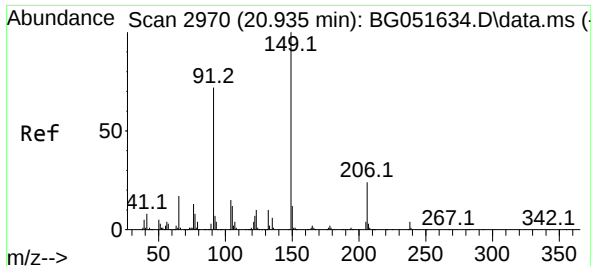
Ion Ratio Lower Upper

178 100

179 18.5 12.3 18.5#

176 20.9 15.5 23.3

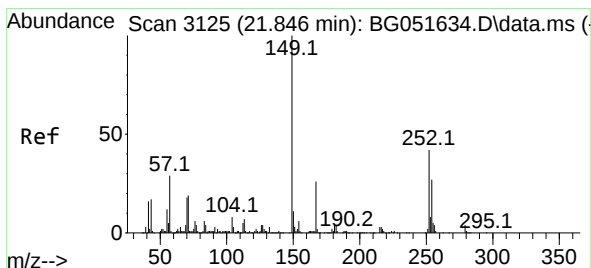
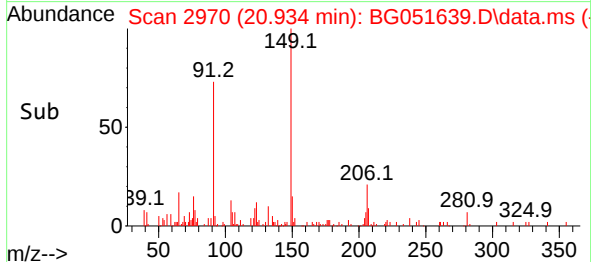
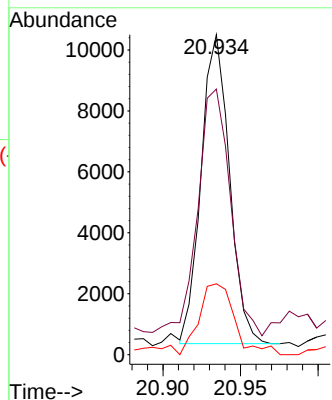
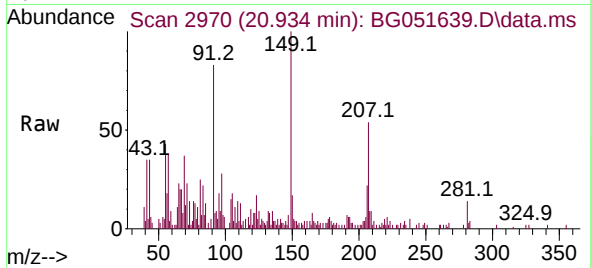




#83  
 Butylbenzylphthalate  
 Concen: 2.649 ng/ul  
 RT: 20.934 min Scan# 2970  
 Delta R.T. -0.012 min  
 Lab File: BG051639.D  
 Acq: 18 Dec 2021 21:27

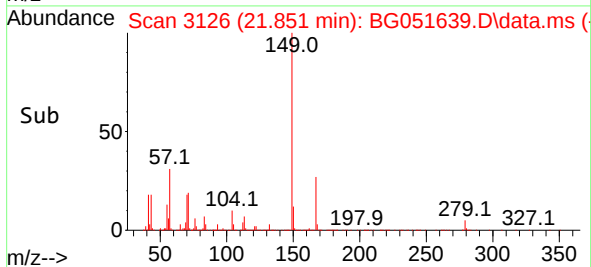
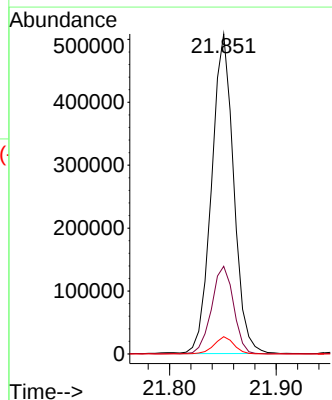
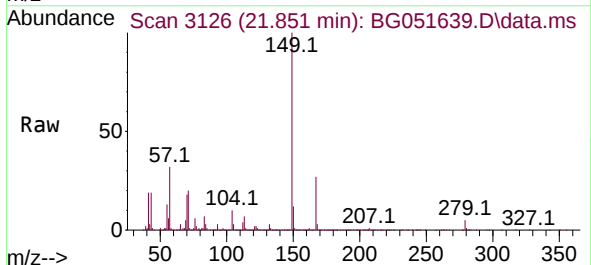
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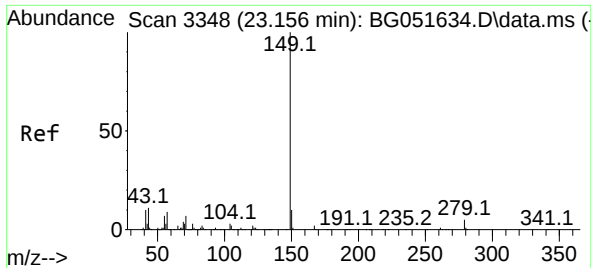
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 12883     |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 91          | 83.0  | 65.2 97.8 |
| 206         | 22.2  | 16.2 24.2 |



#86  
 Bis(2-ethylhexyl)phthalate  
 Concen: 106.858 ng/ul  
 RT: 21.851 min Scan# 3126  
 Delta R.T. -0.018 min  
 Lab File: BG051639.D  
 Acq: 18 Dec 2021 21:27

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 727841    |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 167         | 27.4  | 21.1 31.7 |
| 279         | 5.4   | 2.7 4.1#  |





#89

Di-n-octyl phthalate

Concen: 5.884 ng/ul

RT: 23.161 min Scan# 31

Delta R.T. -0.023 min

Lab File: BG051639.D

Acq: 18 Dec 2021 21:27

Instrument :

BNA\_G

ClientSampleId :

BGL74

Tgt Ion:149 Resp: 71689

