

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
 Data File : BG050093.D  
 Acq On : 1 Sep 2021 11:39  
 Operator : CG/JU  
 Sample : M3494-01DL 10X  
 Misc :  
 ALS Vial : 67 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 YAS53DL

Manual Integrations  
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 9/1/2021 4:51:07 PM

Quant Time: Sep 01 12:44:53 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 30 14:59:55 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.961  | 152  | 27691    | 20.000  | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.793 | 136  | 113024   | 20.000  | ng/ul  | 0.01     |
| 38) Acenaphthene-d10          | 14.623 | 164  | 76768    | 20.000  | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.378 | 188  | 164364   | 20.000  | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.649 | 240  | 159906   | 20.000  | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.874 | 264  | 162962   | 20.000  | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 0.000  | 96   | 0        | 0.000   | ng/uL  |          |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000   | ng/ul  |          |
| 7) Phenol-d5                  | 7.139  | 99   | 1387     | 0.590   | ng/ul  | 0.01     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.286  | 67   | 4368     | 3.344   | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.497  | 132  | 4841     | 2.751   | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.684  | 113  | 2902     | 1.567   | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.142  | 128  | 3648     | 4.163   | ng/ul  | 0.01     |
| 24) 2-Nitrophenol-d4          | 9.865  | 143  | 3800     | 3.642   | ng/ul  | 0.01     |
| 28) 2,4-Dichlorophenol-d3     | 10.417 | 165  | 5521     | 2.967   | ng/ul  | 0.01     |
| 31) 4-Chloroaniline-d4        | 10.928 | 131  | 8240     | 3.253   | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.024 | 166  | 21095    | 3.591   | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.318 | 160  | 26949    | 3.912   | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 0.000  | 143  | 0d       | 0.000   | ng/ul  |          |
| 60) Fluorene-d10              | 15.616 | 176  | 18266    | 3.667   | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 0.000  | 200  | 0d       | 0.000   | ng/ul  |          |
| 73) Anthracene-d10            | 17.478 | 188  | 29871    | 4.047   | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.769 | 212  | 34802    | 4.027   | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.656 | 264  | 31152    | 3.603   | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 30) Naphthalene               | 10.858 | 128  | 4582178  | 811.111 | ng/ul# | 82       |
| 36) 2-Methylnaphthalene       | 12.444 | 142  | 435414   | 103.685 | ng/ul  | 98       |
| 37) 1-Methylnaphthalene       | 12.667 | 142  | 212057   | 50.027  | ng/ul  | 98       |
| 43) 1,1'-Biphenyl             | 13.454 | 154  | 55735    | 10.392  | ng/ul  | 98       |
| 52) Acenaphthene              | 14.688 | 153  | 177969   | 38.967  | ng/ul  | 97       |
| 56) Dibenzofuran              | 15.022 | 168  | 120128   | 18.993  | ng/ul  | 98       |
| 61) Fluorene                  | 15.675 | 166  | 83295    | 15.610  | ng/ul  | 96       |
| 72) Phenanthrene              | 17.419 | 178  | 89469m   | 10.919  | ng/ul  |          |
| 74) Anthracene                | 17.513 | 178  | 10067    | 1.212   | ng/ul  | 97       |
| 77) Carbazole                 | 17.783 | 167  | 192489   | 26.051  | ng/ul  | 97       |
| -----                         |        |      |          |         |        |          |

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

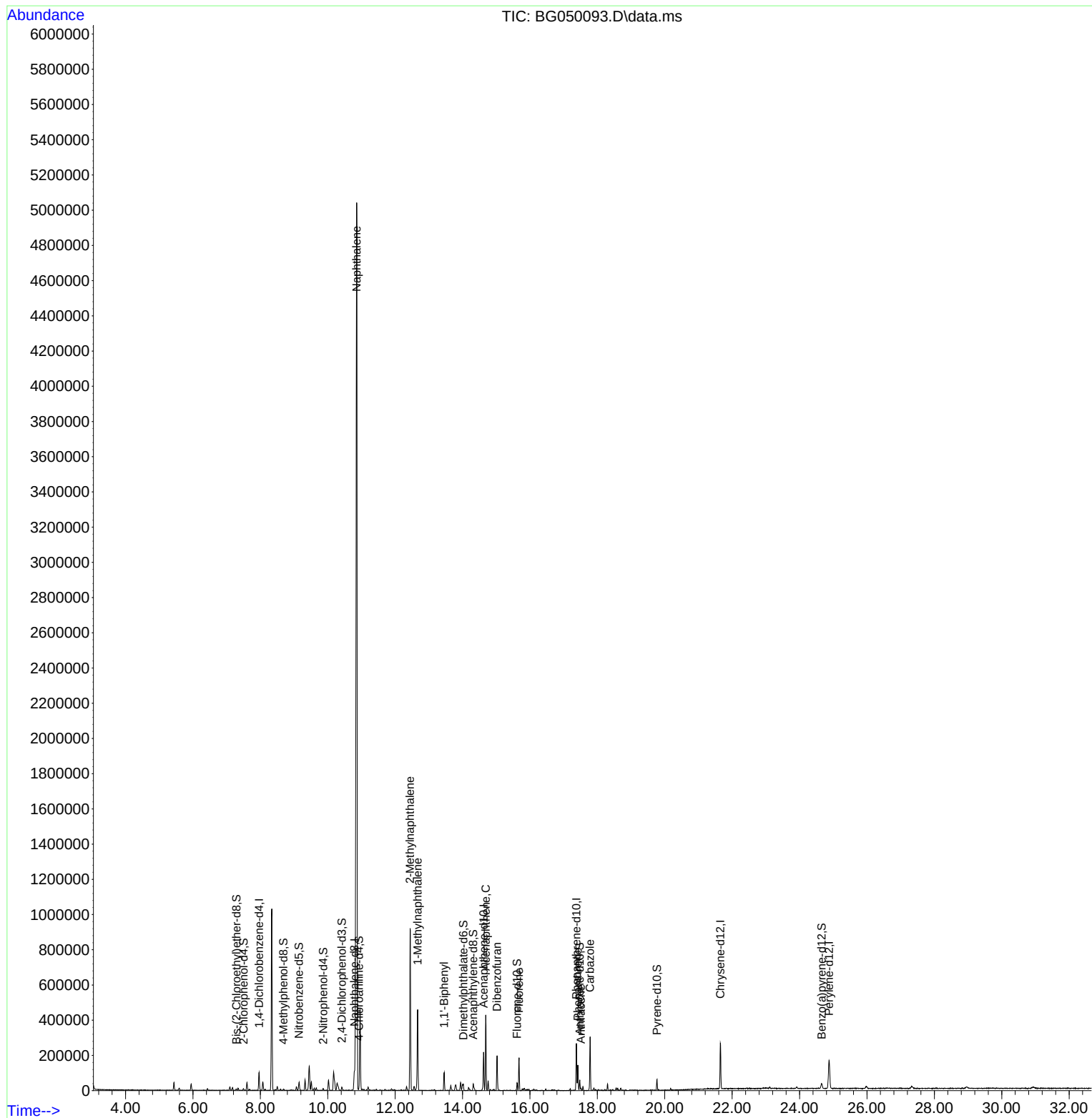
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
Data File : BG050093.D  
Acq On : 1 Sep 2021 11:39  
Operator : CG/JU  
Sample : M3494-01DL 10X  
Misc :  
ALS Vial : 67 Sample Multiplier: 1

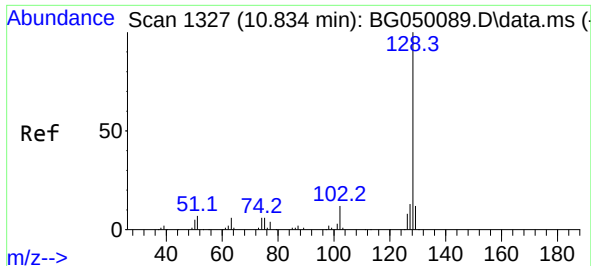
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Quant Title : SVOA CALIBRATION  
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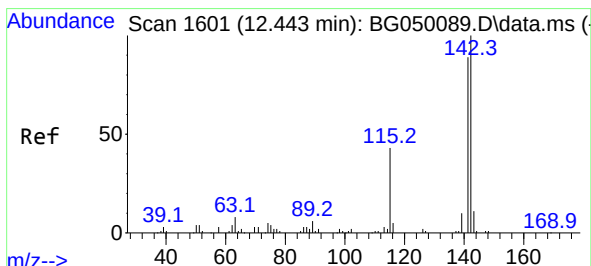
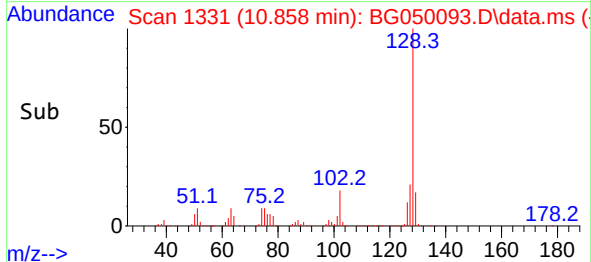
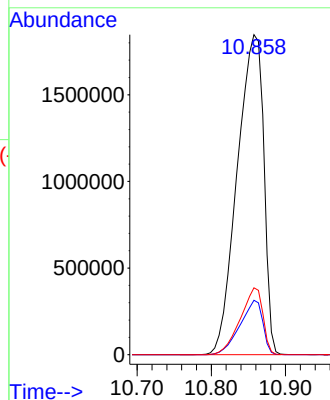
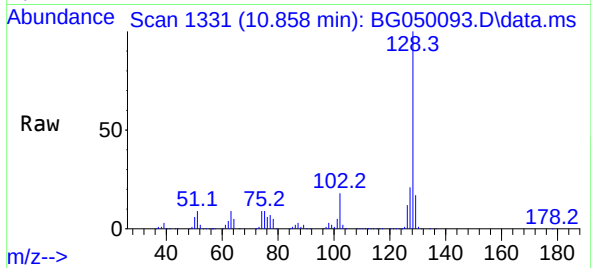
#30  
Naphthalene  
Concen: 811.111 ng/ul  
RT: 10.858 min Scan# 1331  
Delta R.T. 0.030 min  
Lab File: BG050093.D  
Acq: 1 Sep 2021 11:39

Tgt Ion:128 Resp: 4582178  
Ion Ratio Lower Upper  
128 100  
129 17.0 9.3 13.9#  
127 20.9 9.8 14.6#

Instrument :  
BNA\_G  
ClientSampled :  
YAS53DL

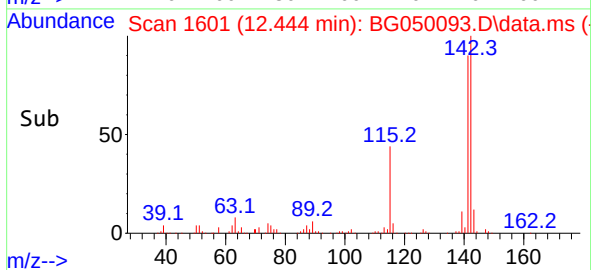
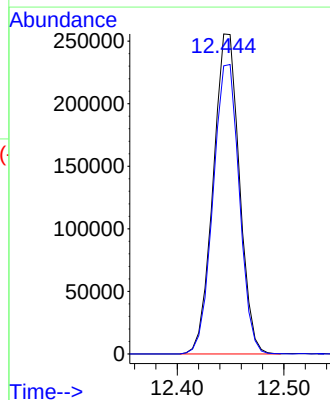
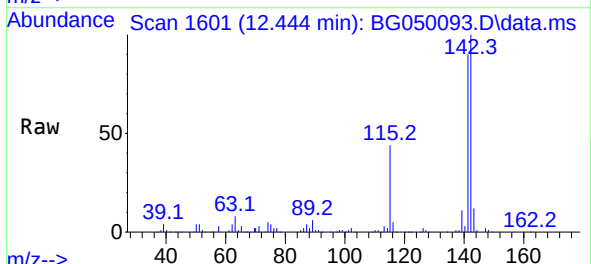
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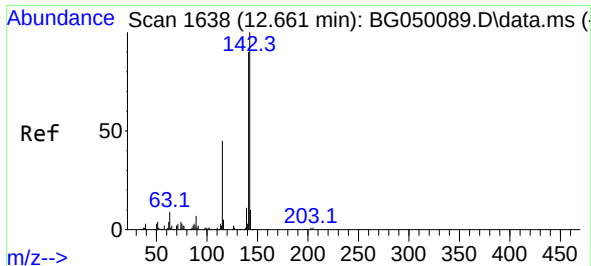
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#36  
2-Methylnaphthalene  
Concen: 103.685 ng/ul  
RT: 12.444 min Scan# 1601  
Delta R.T. 0.001 min  
Lab File: BG050093.D  
Acq: 1 Sep 2021 11:39

Tgt Ion:142 Resp: 435414  
Ion Ratio Lower Upper  
142 100  
141 90.0 70.5 105.7





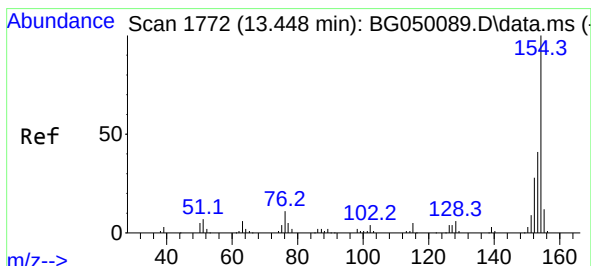
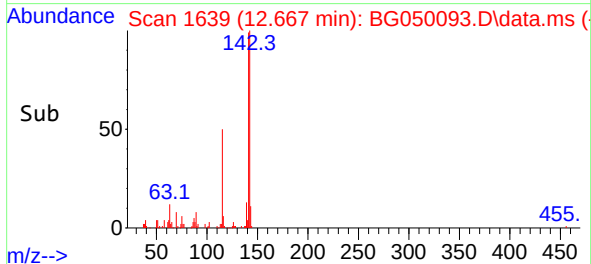
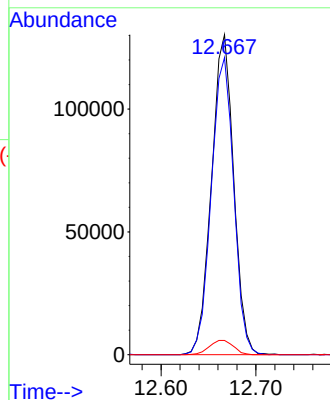
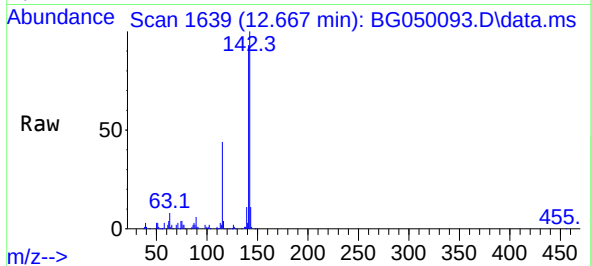
#37  
1-Methylnaphthalene  
Concen: 50.027 ng/ul  
RT: 12.667 min Scan# 1639  
Delta R.T. 0.007 min  
Lab File: BG050093.D  
Acq: 1 Sep 2021 11:39

Tgt Ion:142 Resp: 212057  
Ion Ratio Lower Upper  
142 100  
141 92.8 75.8 113.8  
116 4.5 3.7 5.5

Instrument :  
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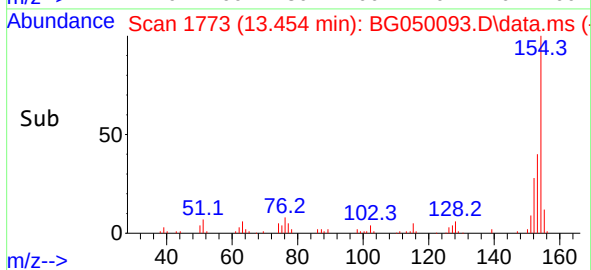
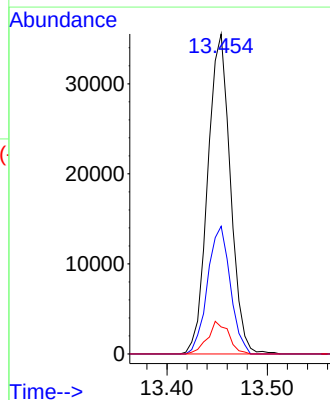
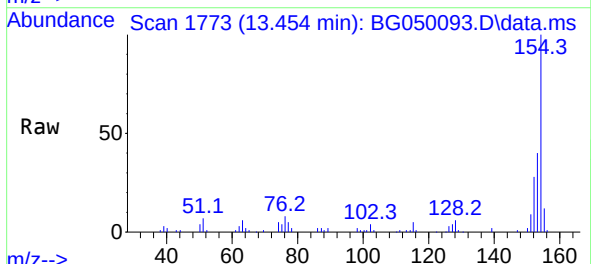
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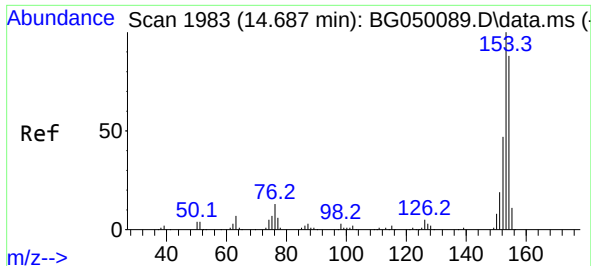
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#43  
1,1'-Biphenyl  
Concen: 10.392 ng/ul  
RT: 13.454 min Scan# 1773  
Delta R.T. 0.001 min  
Lab File: BG050093.D  
Acq: 1 Sep 2021 11:39

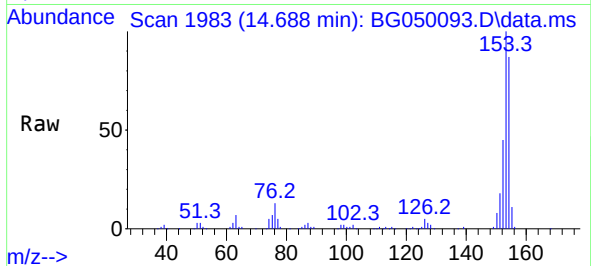
Tgt Ion:154 Resp: 55735  
Ion Ratio Lower Upper  
154 100  
153 39.9 32.5 48.7  
76 8.5 7.8 11.8





#52  
Acenaphthene  
Concen: 38.967 ng/u1  
RT: 14.688 min Scan# 1983  
Delta R.T. 0.001 min  
Lab File: BG050093.D  
Acq: 1 Sep 2021 11:39

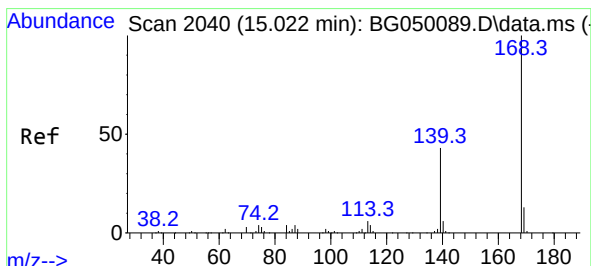
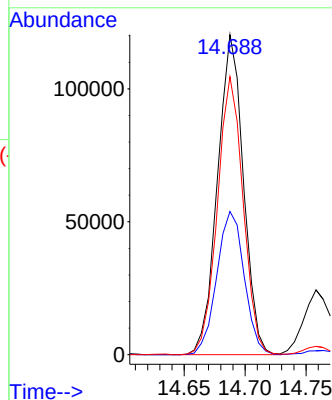
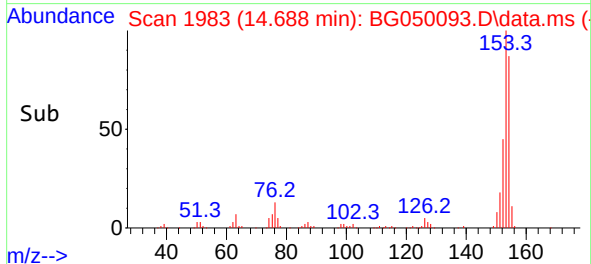
Instrument :  
BNA\_G  
ClientSampleId :  
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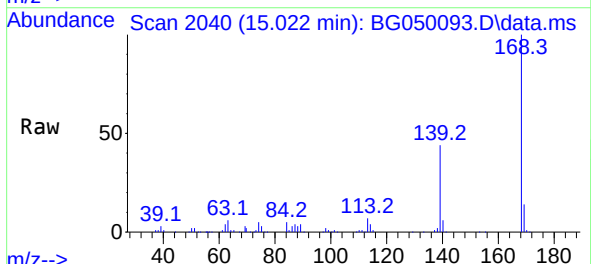
Tgt Ion:153 Resp: 177969  
Ion Ratio Lower Upper  
153 100  
152 44.7 37.4 56.2  
154 86.8 71.5 107.3

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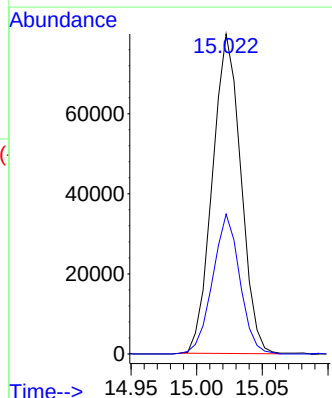
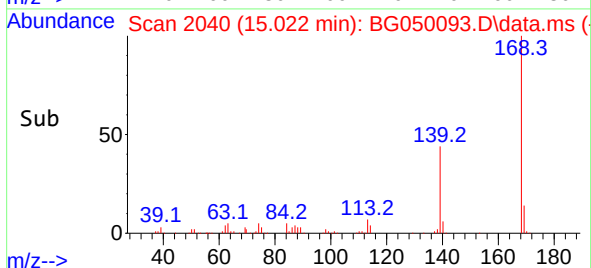
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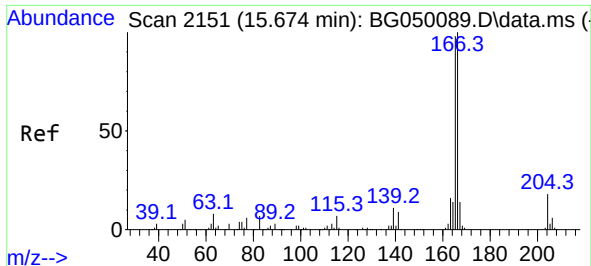


#56  
Dibenzofuran  
Concen: 18.993 ng/u1  
RT: 15.022 min Scan# 2040  
Delta R.T. 0.001 min  
Lab File: BG050093.D  
Acq: 1 Sep 2021 11:39

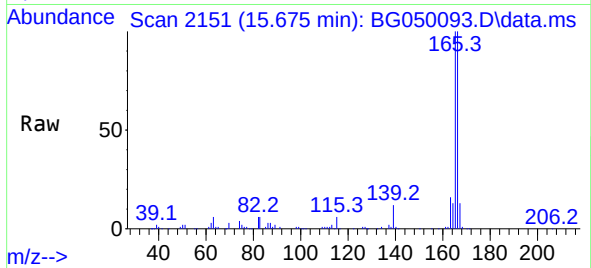


Tgt Ion:168 Resp: 120128  
Ion Ratio Lower Upper  
168 100  
139 43.7 33.8 50.8

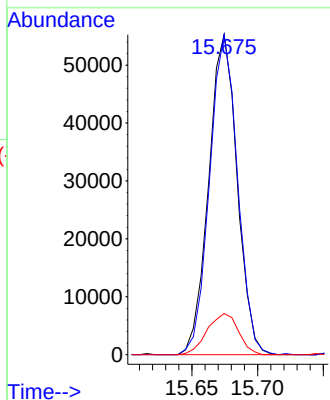
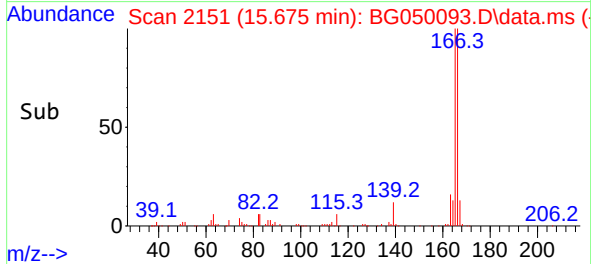




#61  
Fluorene  
Concen: 15.610 ng/ul  
RT: 15.675 min Scan# 2151  
Delta R.T. 0.007 min  
Lab File: BG050093.D  
Acq: 1 Sep 2021 11:39



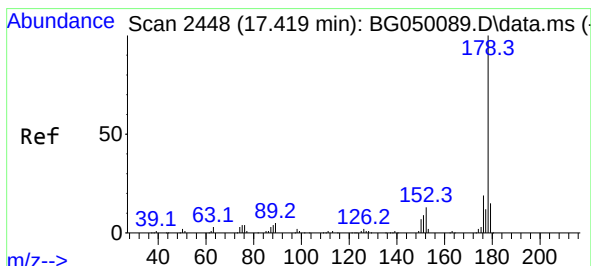
Tgt Ion:166 Resp: 83295  
Ion Ratio Lower Upper  
166 100  
165 100.0 83.3 124.9  
167 12.9 11.8 17.6



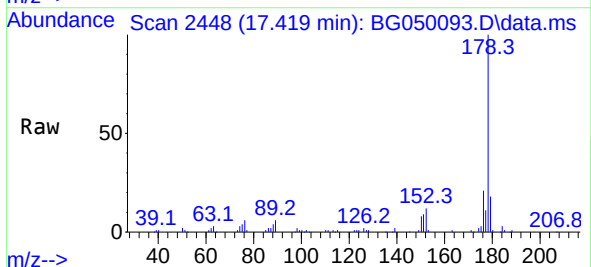
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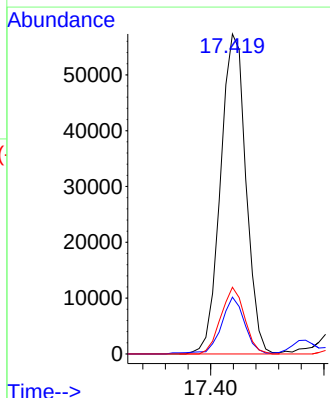
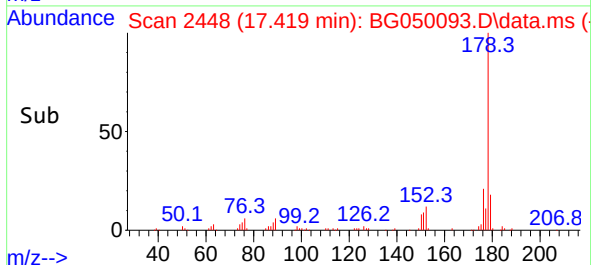
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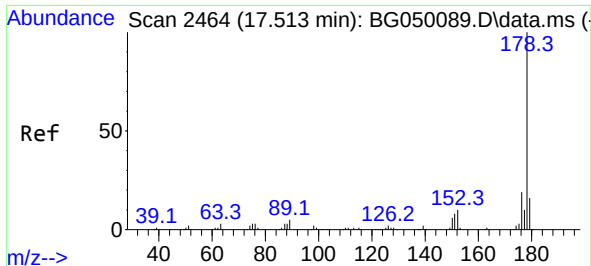


#72  
Phenanthrene  
Concen: 10.919 ng/ul m  
RT: 17.419 min Scan# 2448  
Delta R.T. 0.001 min  
Lab File: BG050093.D  
Acq: 1 Sep 2021 11:39



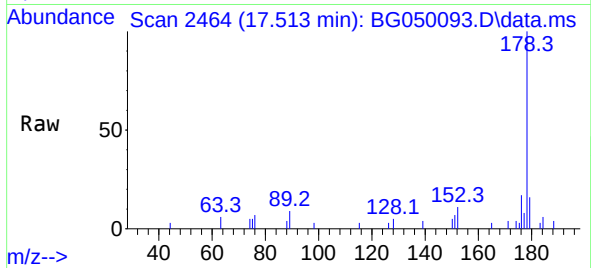
Tgt Ion:178 Resp: 89469  
Ion Ratio Lower Upper  
178 100  
179 17.8 11.7 17.5#  
176 20.9 16.2 24.2





#74  
 Anthracene  
 Concen: 1.212 ng/ul  
 RT: 17.513 min Scan# 2464  
 Delta R.T. 0.007 min  
 Lab File: BG050093.D  
 Acq: 1 Sep 2021 11:39

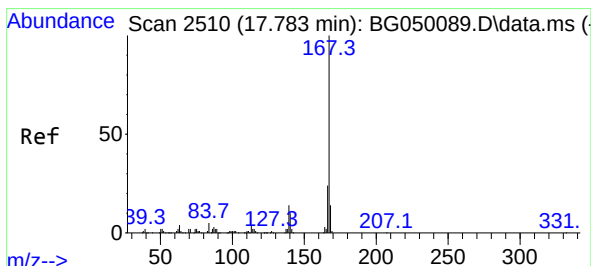
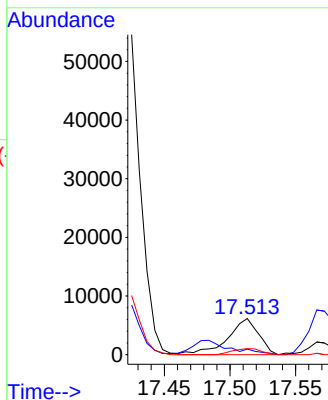
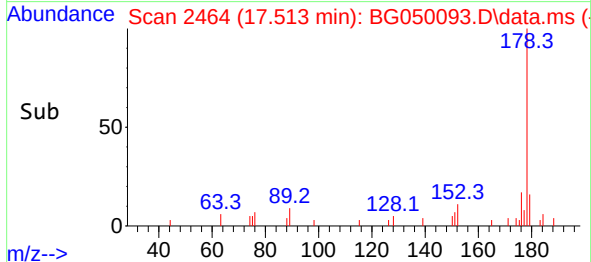
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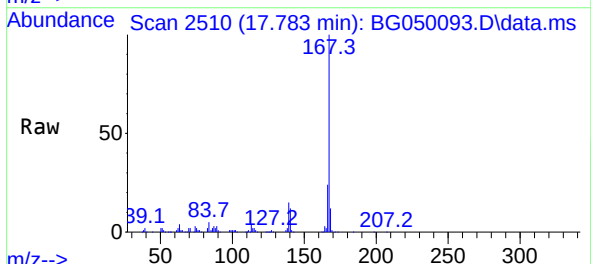
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 Ion Ratio Lower Upper  
 178 100  
 179 15.8 11.4 17.0  
 176 17.0 12.8 19.2

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#77  
 Carbazole  
 Concen: 26.051 ng/ul  
 RT: 17.783 min Scan# 2510  
 Delta R.T. 0.001 min  
 Lab File: BG050093.D  
 Acq: 1 Sep 2021 11:39



Tgt Ion:167 Resp: 192489  
 Ion Ratio Lower Upper  
 167 100  
 166 23.8 17.8 26.8  
 139 14.7 11.1 16.7

