

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121721\  
 Data File : BG051653.D  
 Acq On : 19 Dec 2021 7:41  
 Operator : CG/JU  
 Sample : M5154-08  
 Misc :  
 ALS Vial : 70 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BGL88

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2021  
 Supervised By :mohammad ahmed 12/24/2021

Quant Time: Dec 20 00:10:06 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     | 8.273  | 152  | 36786    | 20.000 | ng/ul  | -0.01    |
| 20) Naphthalene-d8            | 11.110 | 136  | 153633   | 20.000 | ng/ul  | -0.01    |
| 38) Acenaphthene-d10          | 14.911 | 164  | 106752   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.654 | 188  | 242185   | 20.000 | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.978 | 240  | 234852   | 20.000 | ng/ul  | # 0.00   |
| 88) Perylene-d12              | 25.473 | 264  | 248110   | 20.000 | ng/ul  | -0.02    |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.597  | 96   | 5089     | 5.745  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 4.026  | 84   | 88149    | 32.937 | ng/ul  | -0.02    |
| 7) Phenol-d5                  | 7.403  | 99   | 114474   | 34.853 | ng/ul  | -0.01    |
| 9) Bis-(2-Chloroethyl)eth...  | 7.580  | 67   | 66931    | 34.279 | ng/ul  | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.797  | 132  | 81536    | 35.693 | ng/ul  | -0.01    |
| 15) 4-Methylphenol-d8         | 8.966  | 113  | 91099    | 35.882 | ng/ul  | -0.01    |
| 21) Nitrobenzene-d5           | 9.442  | 128  | 41388    | 36.744 | ng/ul  | -0.01    |
| 24) 2-Nitrophenol-d4          | 10.176 | 143  | 47115    | 38.264 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.717 | 165  | 94668    | 35.454 | ng/ul  | -0.01    |
| 31) 4-Chloroaniline-d4        | 11.234 | 131  | 102974   | 29.290 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.300 | 166  | 275808   | 32.279 | ng/ul  | -0.01    |
| 49) Acenaphthylene-d8         | 14.605 | 160  | 352273   | 33.197 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 15.070 | 143  | 42250    | 30.407 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.898 | 176  | 241381   | 31.532 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.998 | 200  | 35569    | 28.189 | ng/ul  | -0.01    |
| 73) Anthracene-d10            | 17.754 | 188  | 385686   | 33.384 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 20.033 | 212  | 446741   | 31.606 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 25.232 | 264  | 423047   | 32.406 | ng/ul  | -0.02    |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          |        |        |          |
| 8) Phenol                     | 7.427  | 94   | 7829     | 2.397  | ng/ul  | 97       |
| 26) 2,4-Dimethylphenol        | 10.253 | 107  | 4509m    | 1.422  | ng/ul  |          |
| 30) Naphthalene               | 11.163 | 128  | 214512   | 25.917 | ng/ul  | 97       |
| 32) 4-Chloroaniline           | 11.257 | 127  | 8705m    | 2.425  | ng/ul  |          |
| 36) 2-Methylnaphthalene       | 12.749 | 142  | 67888    | 11.497 | ng/ul  | 96       |
| 37) 1-Methylnaphthalene       | 12.972 | 142  | 48103    | 7.846  | ng/ul  | 89       |
| 43) 1,1'-Biphenyl             | 13.742 | 154  | 9080     | 1.110  | ng/ul# | 89       |
| 86) Bis(2-ethylhexyl)phtha... | 21.849 | 149  | 266731   | 35.364 | ng/ul# | 98       |
| 89) Di-n-octyl phthalate      | 23.159 | 149  | 37723    | 2.823  | ng/ul  | 100      |
| -----                         |        |      |          |        |        |          |

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

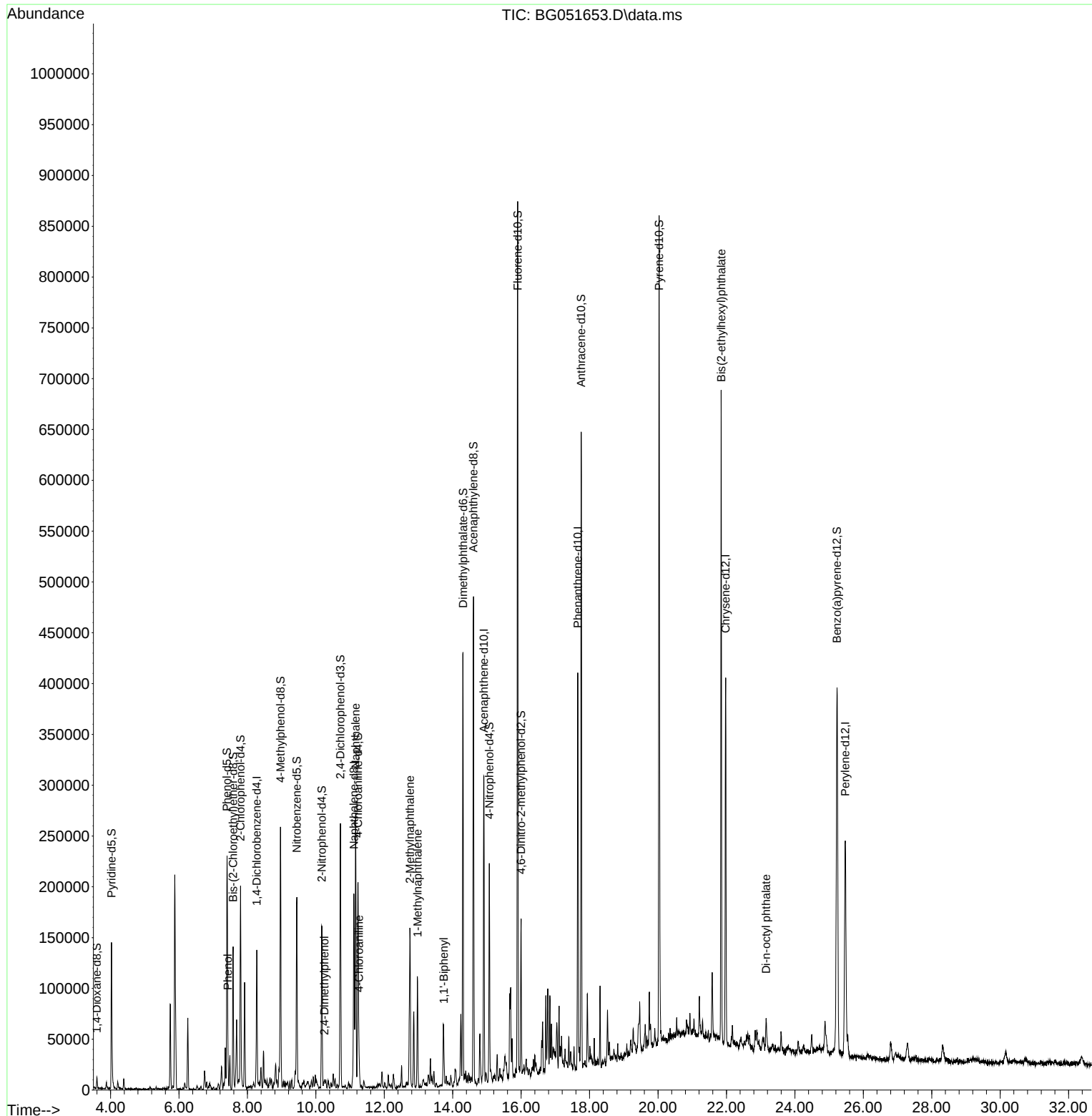
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121721\  
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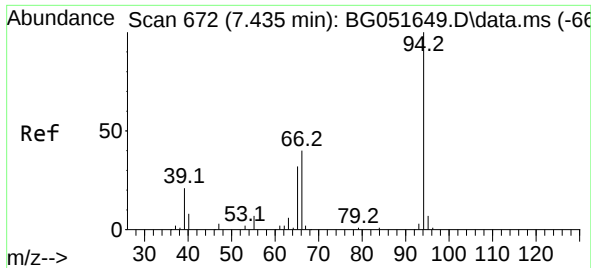
Instrument :  
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### Manual Integrations APPROVED

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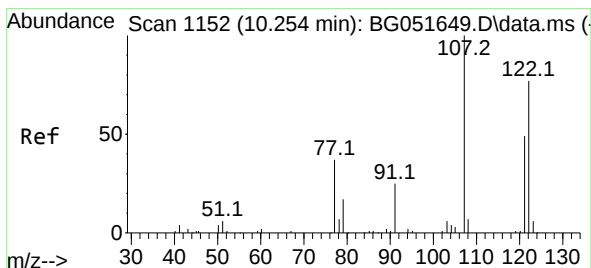
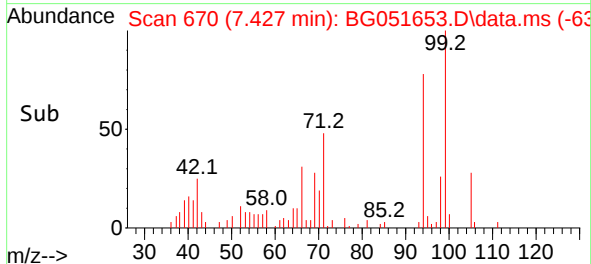
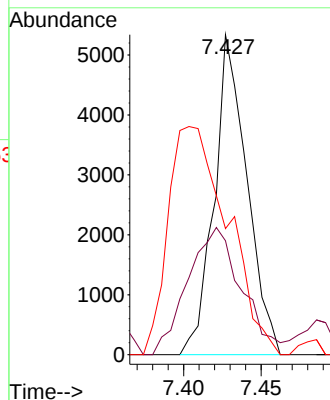
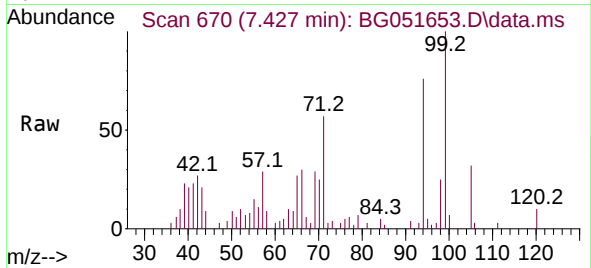
#8  
Phenol  
Concen: 2.397 ng/ul  
RT: 7.427 min Scan# 61  
Delta R.T. -0.014 min  
Lab File: BG051653.D  
Acq: 19 Dec 2021 7:41

Instrument :  
BNA\_G  
ClientSampleId :  
BGL88

Tgt Ion: 94 Resp: 7829  
Ion Ratio Lower Upper  
94 100  
65 35.6 25.1 37.7  
66 39.4 31.6 47.4

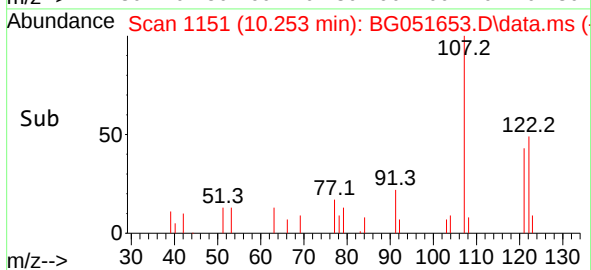
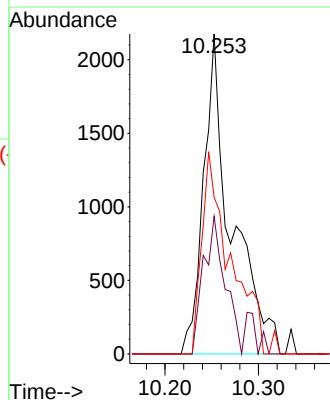
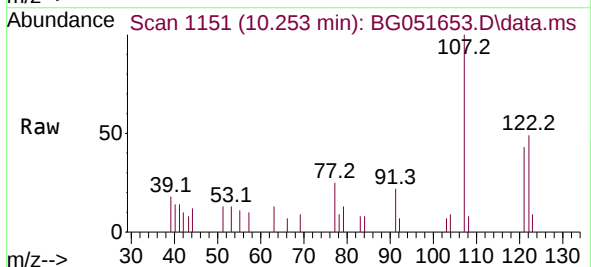
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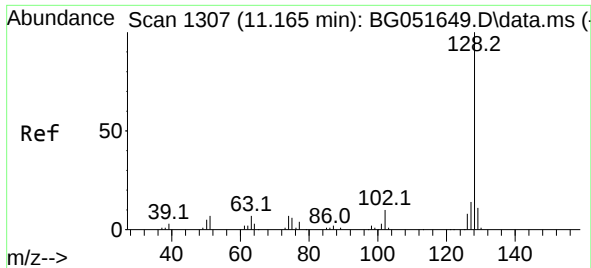
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Supervised By :mohammad ahmed 12/24/2021



#26  
2,4-Dimethylphenol  
Concen: 1.422 ng/ul m  
RT: 10.253 min Scan# 1151  
Delta R.T. -0.014 min  
Lab File: BG051653.D  
Acq: 19 Dec 2021 7:41

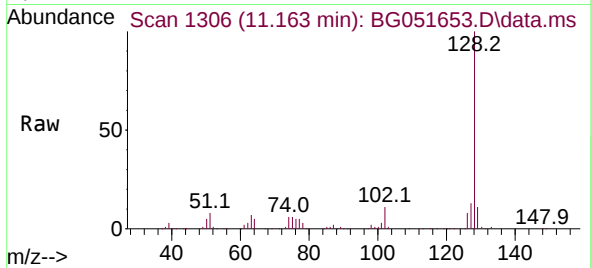
Tgt Ion:107 Resp: 4509  
Ion Ratio Lower Upper  
107 100  
121 43.0 39.3 58.9  
122 49.0 63.7 95.5#





#30  
Naphthalene  
Concen: 25.917 ng/ul  
RT: 11.163 min Scan# 1116  
Delta R.T. -0.014 min  
Lab File: BG051653.D  
Acq: 19 Dec 2021 7:41

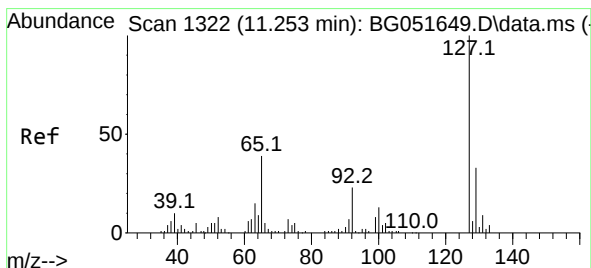
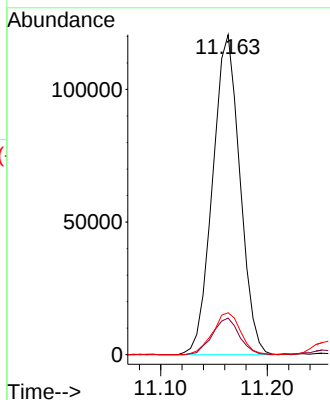
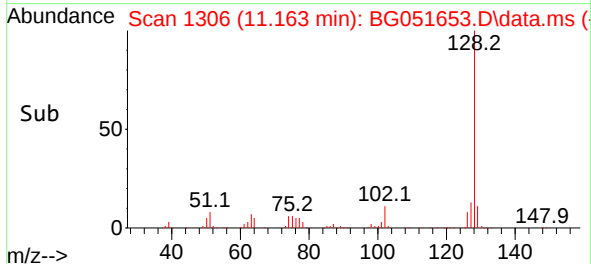
Instrument :  
BNA\_G  
ClientSampleId :  
BGL88



Tgt Ion:128 Resp: 21451  
Ion Ratio Lower Upper  
128 100  
129 11.5 8.5 12.7  
127 13.1 11.8 17.6

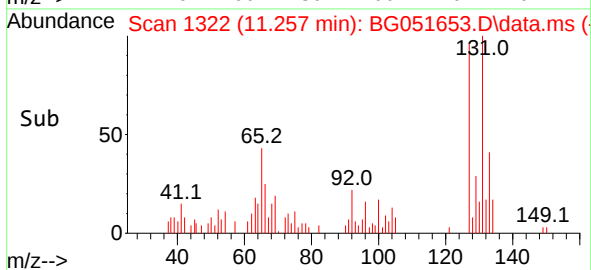
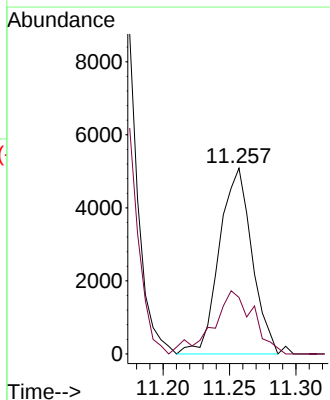
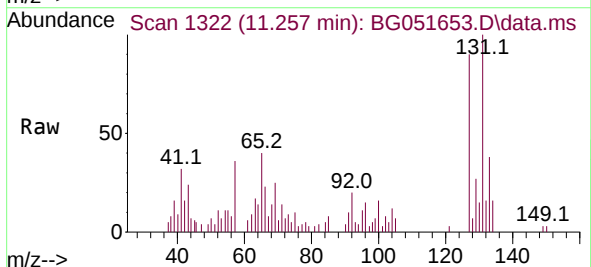
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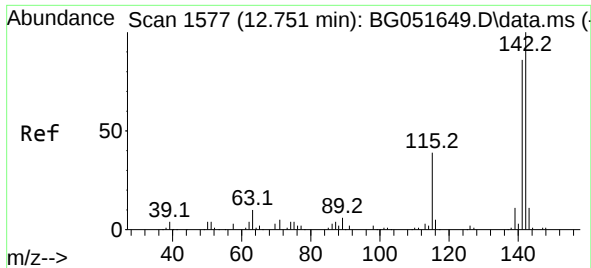
Reviewed By :Jagrut Upadhyay 12/20/2021  
Supervised By :mohammad ahmed 12/24/2021



#32  
4-Chloroaniline  
Concen: 2.425 ng/ul m  
RT: 11.257 min Scan# 1322  
Delta R.T. -0.014 min  
Lab File: BG051653.D  
Acq: 19 Dec 2021 7:41

Tgt Ion:127 Resp: 8705  
Ion Ratio Lower Upper  
127 100  
129 30.4 26.2 39.2





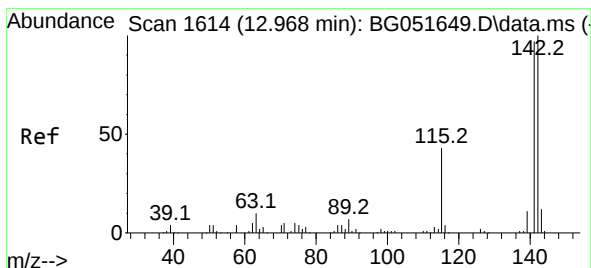
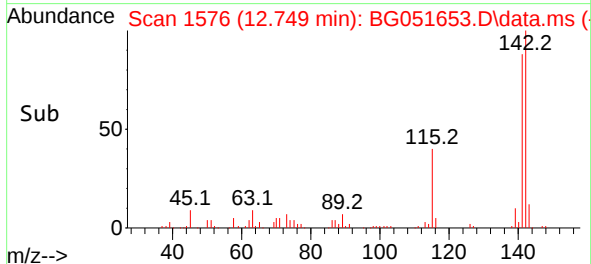
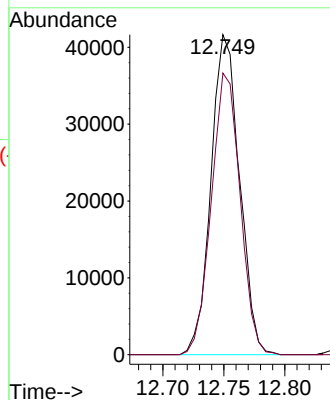
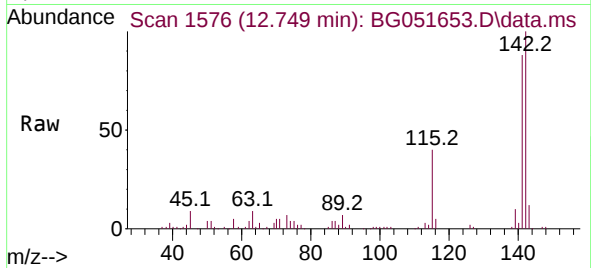
#36  
2-Methylnaphthalene  
Concen: 11.497 ng/ul  
RT: 12.749 min Scan# 1576  
Delta R.T. -0.020 min  
Lab File: BG051653.D  
Acq: 19 Dec 2021 7:41

Instrument :  
BNA\_G  
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Tgt Ion:142 Resp: 6788  
Ion Ratio Lower Upper  
142 100  
141 88.0 73.3 109.9

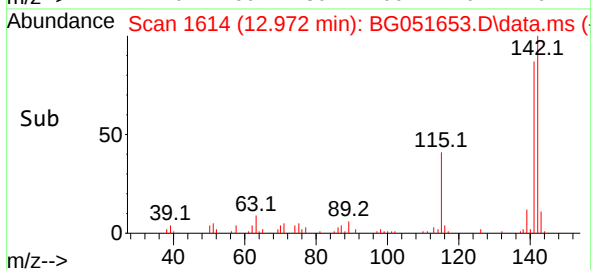
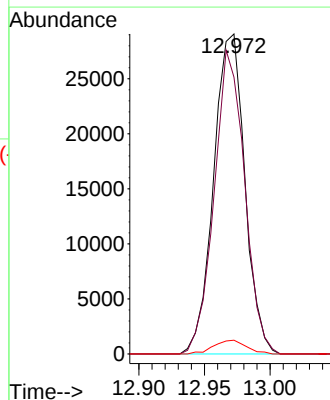
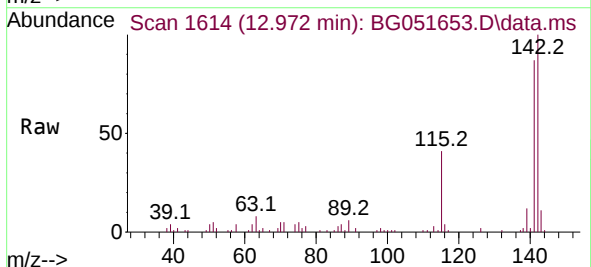
Manual Integrations  
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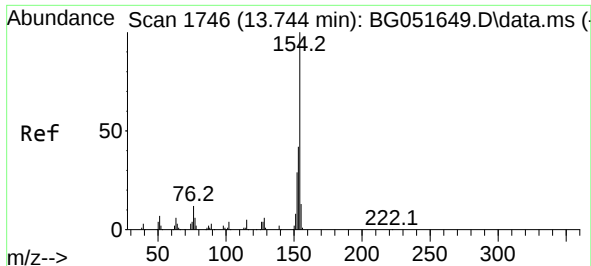
Reviewed By :Jagrut Upadhyay 12/20/2021  
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#37  
1-Methylnaphthalene  
Concen: 7.846 ng/ul  
RT: 12.972 min Scan# 1614  
Delta R.T. -0.014 min  
Lab File: BG051653.D  
Acq: 19 Dec 2021 7:41

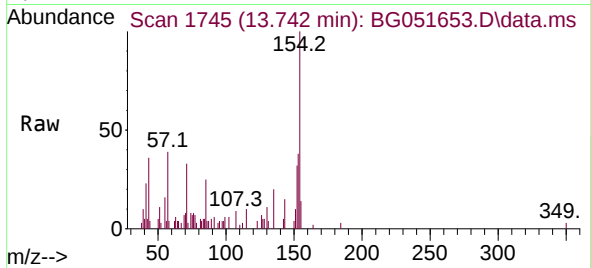
Tgt Ion:142 Resp: 48103  
Ion Ratio Lower Upper  
142 100  
141 86.5 77.8 116.8  
116 4.3 3.3 4.9





#43  
1,1'-Biphenyl  
Concen: 1.110 ng/ul  
RT: 13.742 min Scan# 11  
Delta R.T. -0.014 min  
Lab File: BG051653.D  
Acq: 19 Dec 2021 7:41

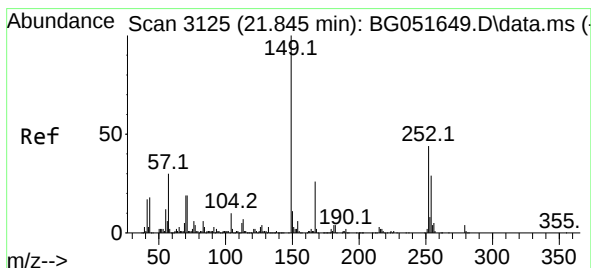
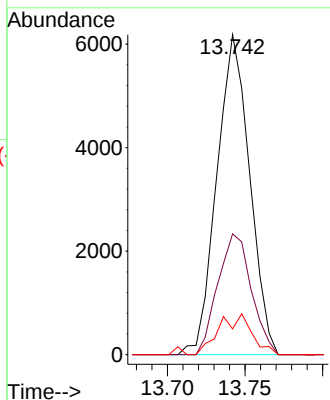
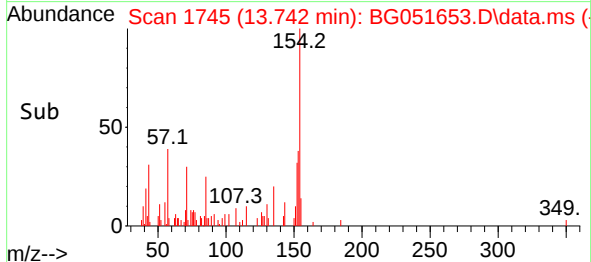
Instrument :  
BNA\_G  
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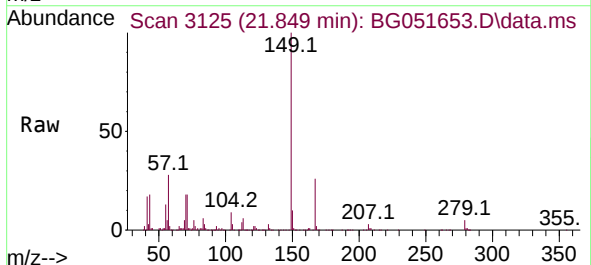
Tgt Ion:154 Resp: 9080  
Ion Ratio Lower Upper  
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153 37.8 34.5 51.7  
76 8.1 13.1 19.7

Manual Integrations  
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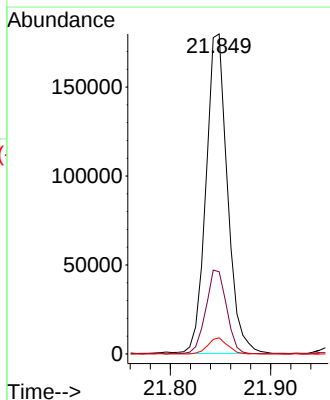
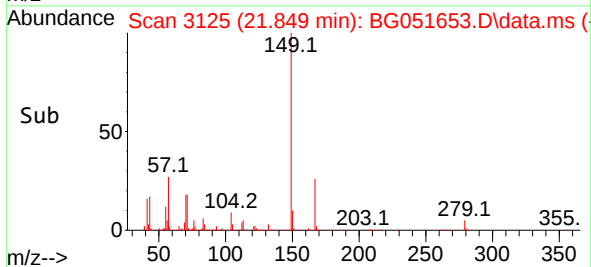
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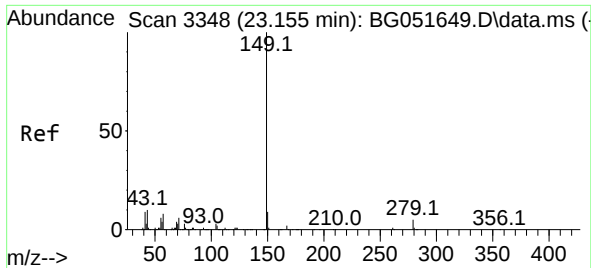


#86  
Bis(2-ethylhexyl)phthalate  
Concen: 35.364 ng/ul  
RT: 21.849 min Scan# 3125  
Delta R.T. -0.020 min  
Lab File: BG051653.D  
Acq: 19 Dec 2021 7:41



Tgt Ion:149 Resp: 266731  
Ion Ratio Lower Upper  
149 100  
167 25.7 21.1 31.7  
279 5.0 2.7 4.1#





#89  
Di-n-octyl phthalate  
Concen: 2.823 ng/ul  
RT: 23.159 min Scan# 31  
Delta R.T. -0.026 min  
Lab File: BG051653.D  
Acq: 19 Dec 2021 7:41

Instrument :  
BNA\_G  
ClientSampleId :  
BGL88

Tgt Ion:149 Resp: 3772

Manual Integrations  
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