

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG112321\  
 Data File : BG051248.D  
 Acq On : 25 Nov 2021 17:20  
 Operator : CG/JU  
 Sample : M4779-08  
 Misc :  
 ALS Vial : 72 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 F4L18

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 11/30/2021  
 Supervised By :Sohil Jodhani 11/30/2021

Quant Time: Nov 26 02:35:10 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Nov 24 06:04:50 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.200  | 152  | 31509    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 11.026 | 136  | 142903   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.833 | 164  | 92717    | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.583 | 188  | 186371   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.884 | 240  | 168606   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 25.292 | 264  | 168088   | 20.000 | ng/u1  | 0.00     |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.535  | 96   | 2903     | 3.202  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.970  | 84   | 23368    | 8.783  | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.366  | 99   | 14207    | 4.562  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.513  | 67   | 53065    | 27.132 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.730  | 132  | 33595    | 14.981 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.917  | 113  | 32649    | 12.992 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.375  | 128  | 34903    | 28.934 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.104 | 143  | 25889    | 19.025 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.650 | 165  | 44276    | 19.177 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.167 | 131  | 66634    | 19.725 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.234 | 166  | 236643   | 33.171 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.534 | 160  | 294820   | 32.773 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 15.068 | 143  | 5240     | 4.538  | ng/u1  | 0.02     |
| 60) Fluorene-d10              | 15.826 | 176  | 219078   | 34.102 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.956 | 200  | 15221    | 13.235 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.683 | 188  | 321133   | 36.028 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.963 | 212  | 351510   | 34.455 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 25.057 | 264  | 315754   | 35.173 | ng/u1  | 0.01     |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 26) 2,4-Dimethylphenol        | 10.221 | 107  | 16117    | 5.593  | ng/u1# | 92       |
| 30) Naphthalene               | 11.079 | 128  | 59270    | 7.623  | ng/u1  | 96       |
| 37) 1-Methylnaphthalene       | 12.889 | 142  | 47800    | 8.785  | ng/u1# | 97       |
| 43) 1,1'-Biphenyl             | 13.664 | 154  | 24557    | 3.546  | ng/u1  | 99       |
| 52) Acenaphthene              | 14.898 | 153  | 410856   | 70.094 | ng/u1  | 96       |
| 56) Dibenzofuran              | 15.233 | 168  | 252764   | 29.897 | ng/u1  | 99       |
| 61) Fluorene                  | 15.879 | 166  | 236581   | 34.935 | ng/u1  | 99       |
| 72) Phenanthrene              | 17.624 | 178  | 60147    | 5.845  | ng/u1  | 98       |
| 74) Anthracene                | 17.718 | 178  | 12369m   | 1.210  | ng/u1  |          |
| 77) Carbazole                 | 17.994 | 167  | 362092   | 40.364 | ng/u1  | 99       |
| 80) Fluoranthene              | 19.628 | 202  | 16859    | 1.345  | ng/u1  | 99       |
| -----                         |        |      |          |        |        |          |

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

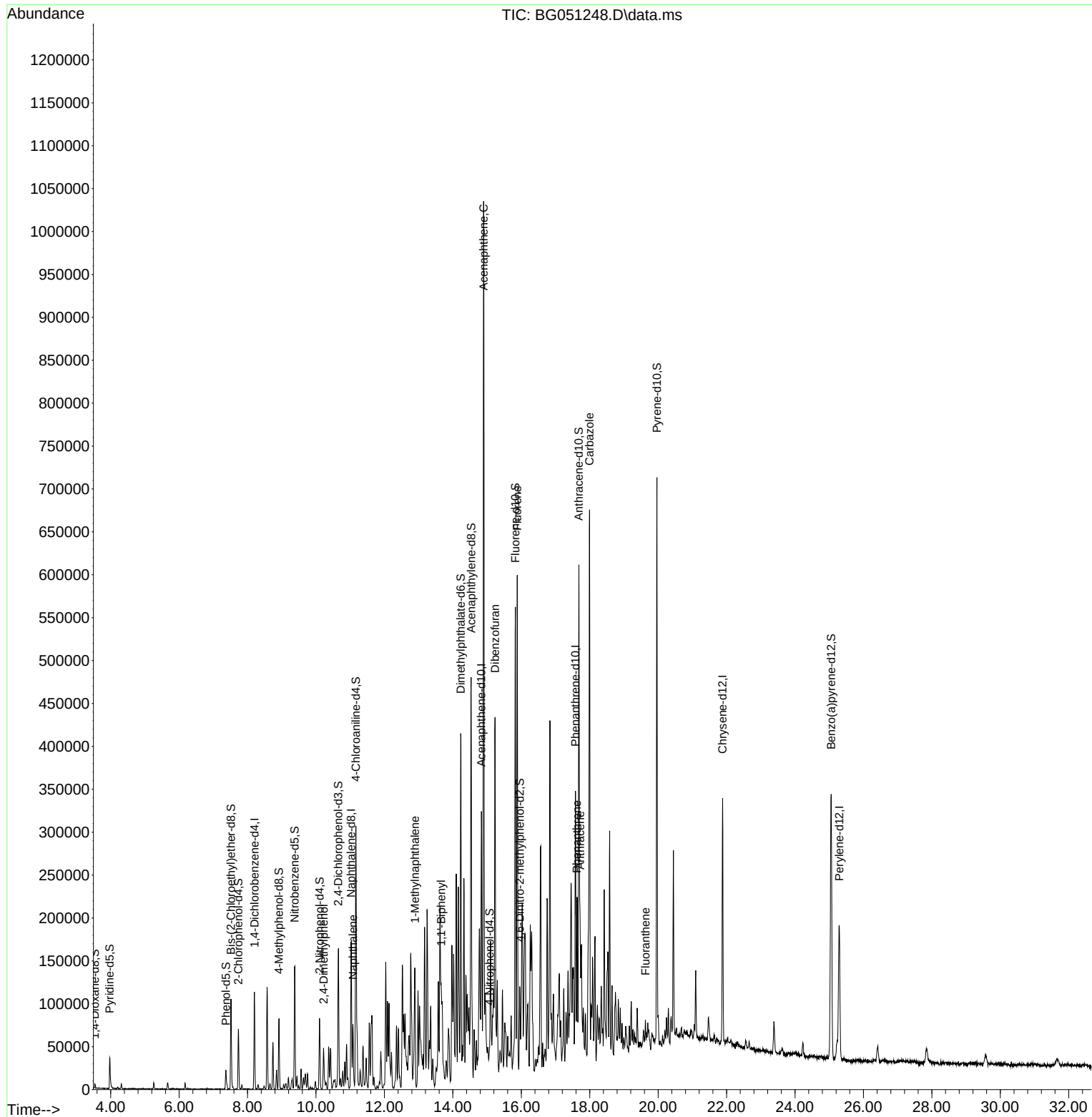
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG112321\  
Data File : BG051248.D  
Acq On : 25 Nov 2021 17:20  
Operator : CG/JU  
Sample : M4779-08  
Misc :  
ALS Vial : 72 Sample Multiplier: 1

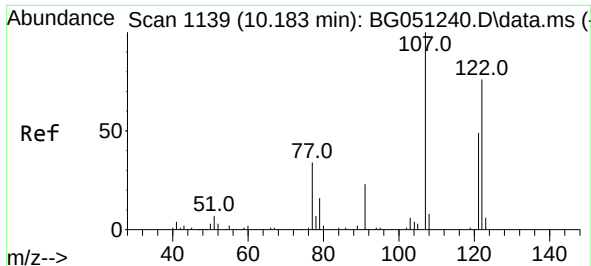
Instrument :  
BNA\_G  
ClientSampleId :  
F4L18

Manual Integrations  
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Supervised By :Sohil Jodhani 11/30/2021

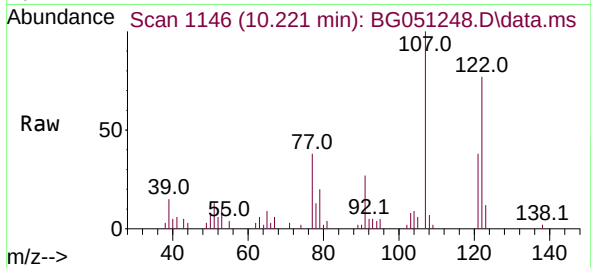
Quant Time: Nov 26 02:35:10 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Nov 24 06:04:50 2021  
Response via : Initial Calibration





#26  
2,4-Dimethylphenol  
Concen: 5.593 ng/ul  
RT: 10.221 min Scan# 1146  
Delta R.T. 0.038 min  
Lab File: BG051248.D  
Acq: 25 Nov 2021 17:20

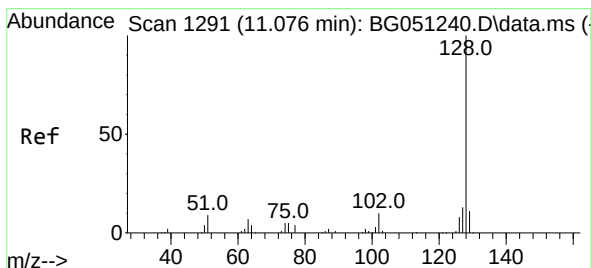
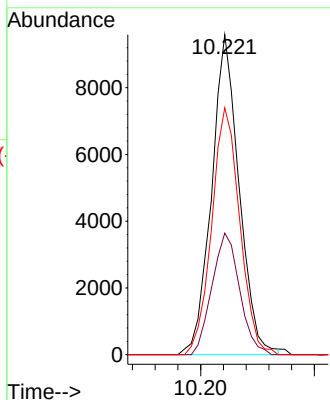
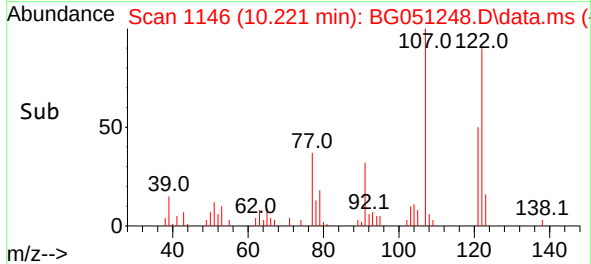
Instrument :  
BNA\_G  
ClientSampleId :  
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Tgt Ion:107 Resp: 1611  
Ion Ratio Lower Upper  
107 100  
121 38.0 39.3 58.9  
122 77.1 63.7 95.5

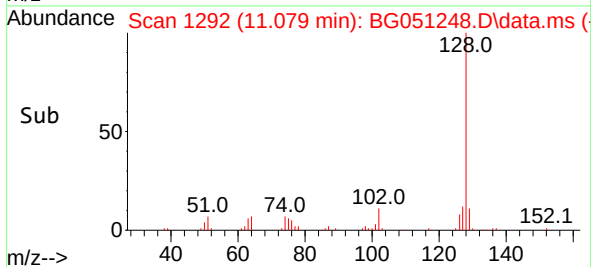
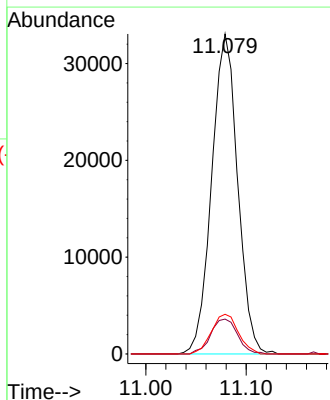
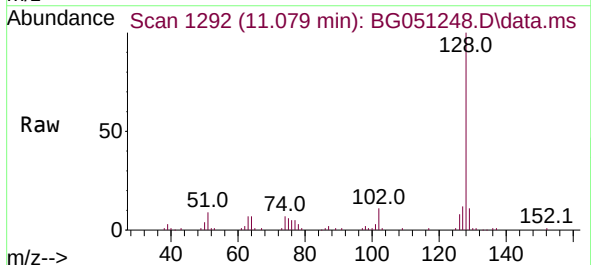
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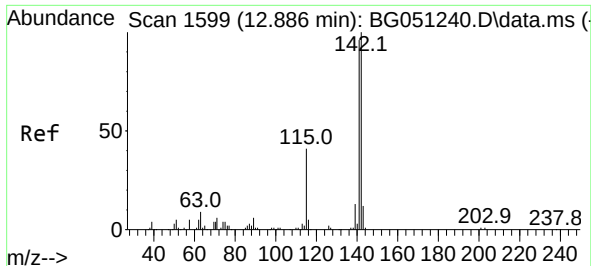
Reviewed By :Jagrut Upadhyay 11/30/2021  
Supervised By :Sohil Jodhani 11/30/2021



#30  
Naphthalene  
Concen: 7.623 ng/ul  
RT: 11.079 min Scan# 1292  
Delta R.T. 0.003 min  
Lab File: BG051248.D  
Acq: 25 Nov 2021 17:20

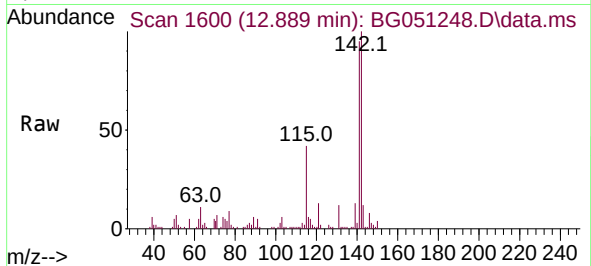
Tgt Ion:128 Resp: 59270  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.5 12.7  
127 12.4 11.8 17.6





#37  
1-Methylnaphthalene  
Concen: 8.785 ng/ul  
RT: 12.889 min Scan# 1599  
Delta R.T. 0.003 min  
Lab File: BG051248.D  
Acq: 25 Nov 2021 17:20

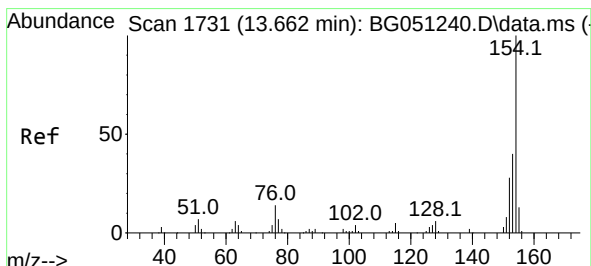
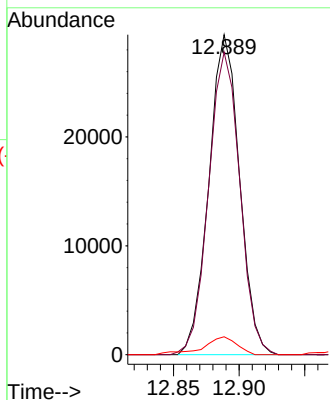
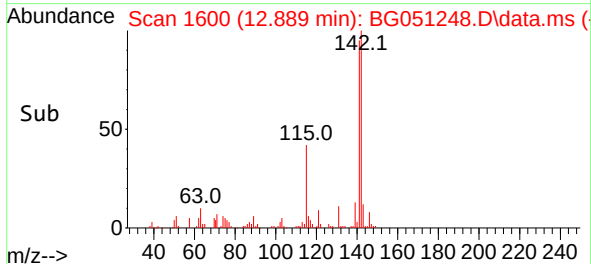
Instrument :  
BNA\_G  
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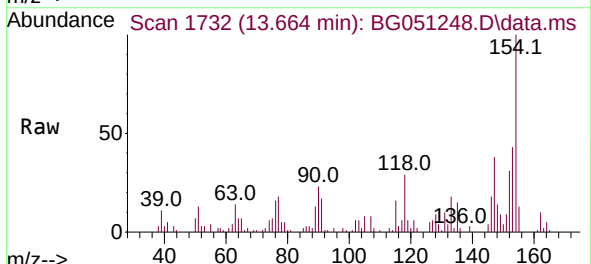
Tgt Ion:142 Resp: 47800  
Ion Ratio Lower Upper  
142 100  
141 94.5 77.8 116.8  
116 5.6 3.3 4.9

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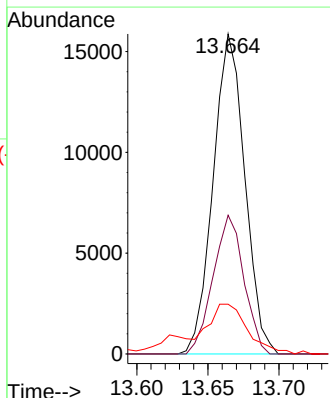
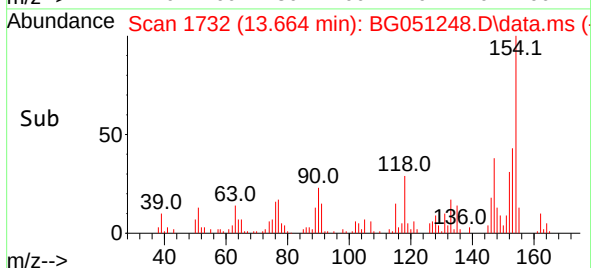
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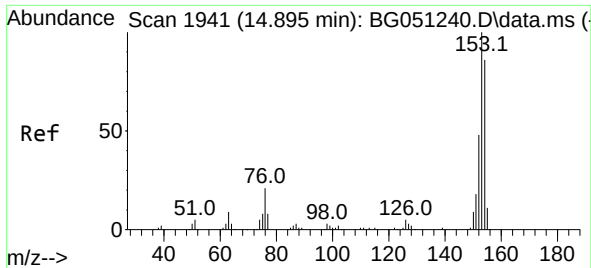


#43  
1,1'-Biphenyl  
Concen: 3.546 ng/ul  
RT: 13.664 min Scan# 1732  
Delta R.T. -0.003 min  
Lab File: BG051248.D  
Acq: 25 Nov 2021 17:20



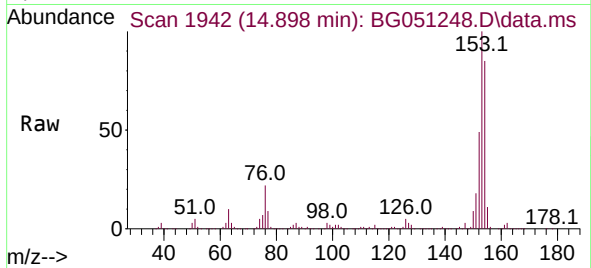
Tgt Ion:154 Resp: 24557  
Ion Ratio Lower Upper  
154 100  
153 43.3 34.5 51.7  
76 15.5 13.1 19.7





#52  
Acenaphthene  
Concen: 70.094 ng/ul  
RT: 14.898 min Scan# 1942  
Delta R.T. 0.003 min  
Lab File: BG051248.D  
Acq: 25 Nov 2021 17:20

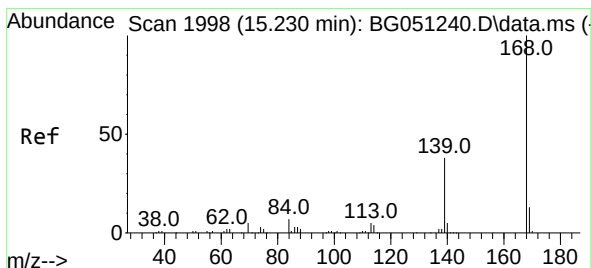
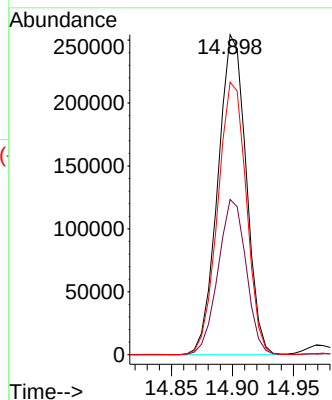
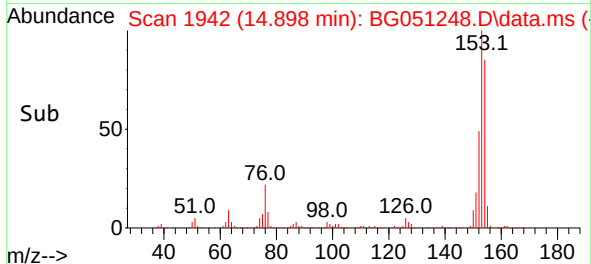
Instrument :  
BNA\_G  
ClientSampleId :  
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Tgt Ion:153 Resp: 410850  
Ion Ratio Lower Upper  
153 100  
152 48.5 36.5 54.7  
154 85.2 65.8 98.6

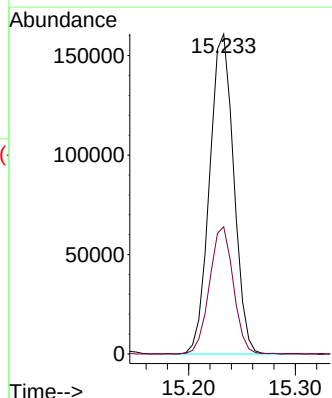
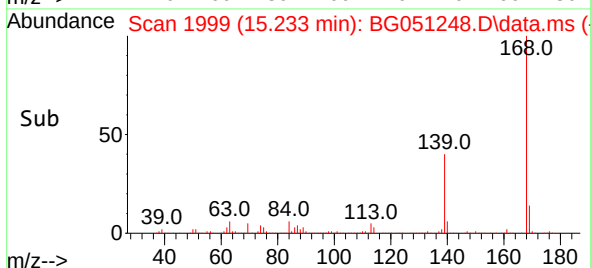
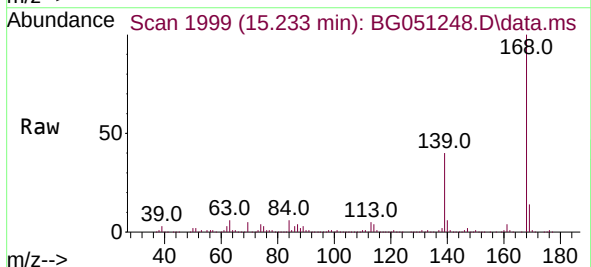
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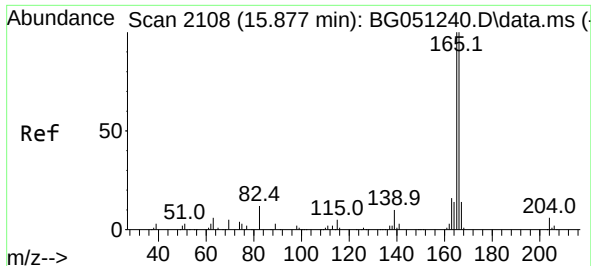
Reviewed By :Jagrut Upadhyay 11/30/2021  
Supervised By :Sohil Jodhani 11/30/2021



#56  
Dibenzofuran  
Concen: 29.897 ng/ul  
RT: 15.233 min Scan# 1999  
Delta R.T. 0.003 min  
Lab File: BG051248.D  
Acq: 25 Nov 2021 17:20

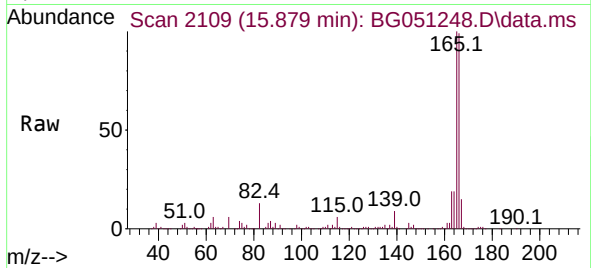
Tgt Ion:168 Resp: 252764  
Ion Ratio Lower Upper  
168 100  
139 39.7 31.2 46.8





#61  
Fluorene  
Concen: 34.935 ng/ul  
RT: 15.879 min Scan# 2108  
Delta R.T. 0.003 min  
Lab File: BG051248.D  
Acq: 25 Nov 2021 17:20

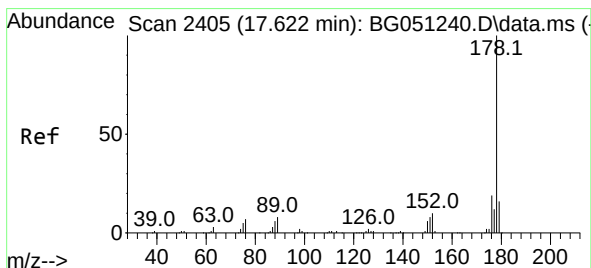
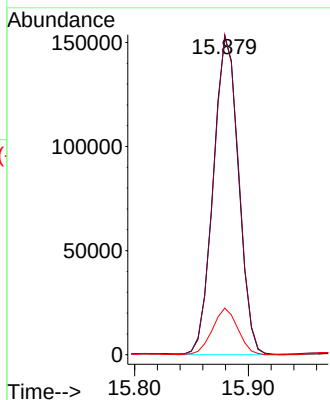
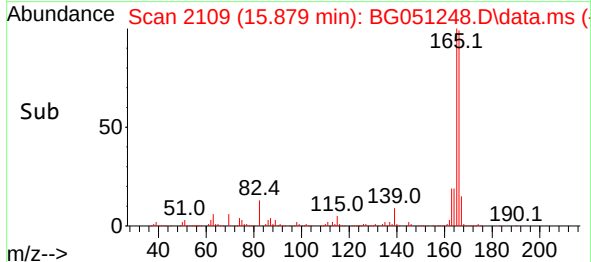
Instrument :  
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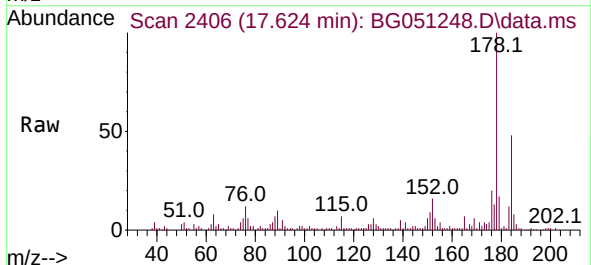
Tgt Ion:166 Resp: 23658  
Ion Ratio Lower Upper  
166 100  
165 100.7 81.0 121.6  
167 14.6 11.0 16.4

Manual Integrations  
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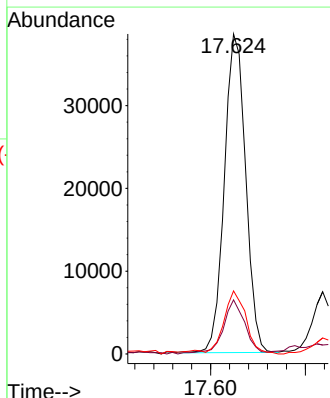
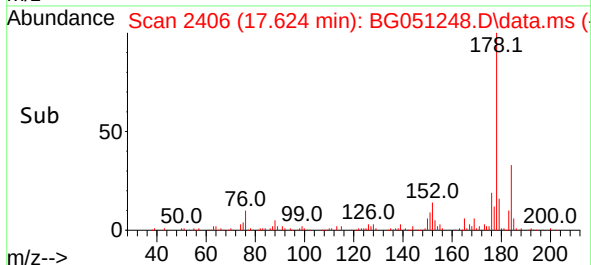
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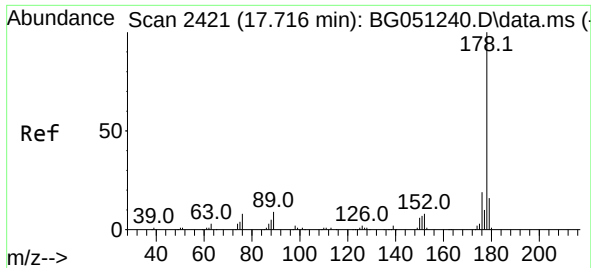


#72  
Phenanthrene  
Concen: 5.845 ng/ul  
RT: 17.624 min Scan# 2406  
Delta R.T. 0.003 min  
Lab File: BG051248.D  
Acq: 25 Nov 2021 17:20



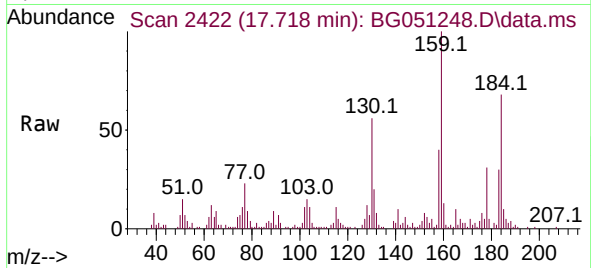
Tgt Ion:178 Resp: 60147  
Ion Ratio Lower Upper  
178 100  
179 16.9 12.3 18.5  
176 19.7 15.5 23.3





#74  
 Anthracene  
 Concen: 1.210 ng/ul m  
 RT: 17.718 min Scan# 2421  
 Delta R.T. 0.003 min  
 Lab File: BG051248.D  
 Acq: 25 Nov 2021 17:20

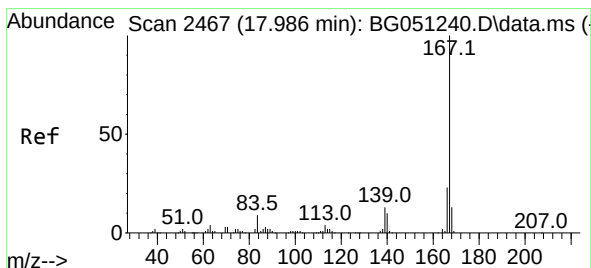
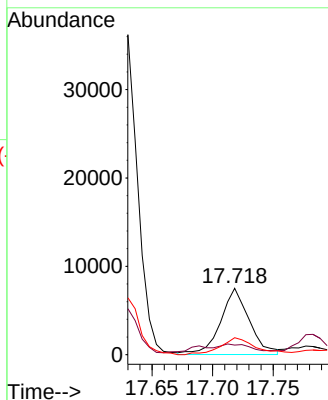
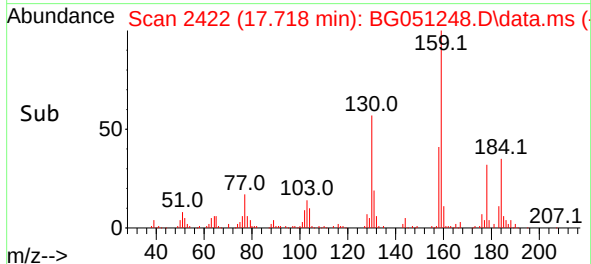
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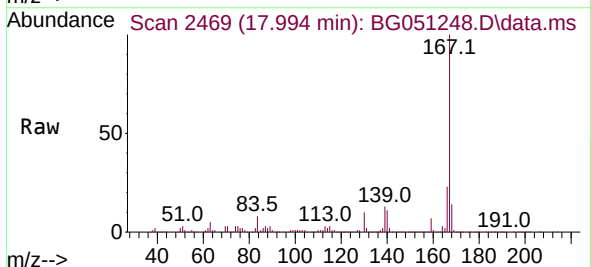
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 Ion Ratio Lower Upper  
 178 100  
 179 14.5 13.0 19.6  
 176 25.7 15.6 23.4

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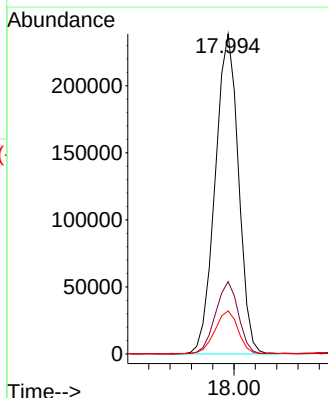
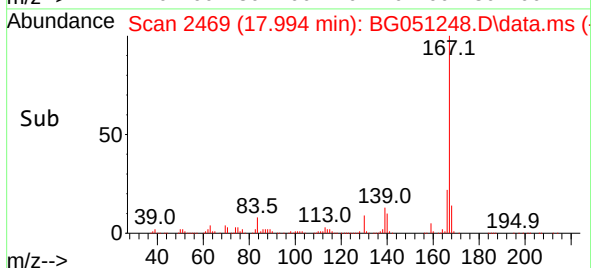
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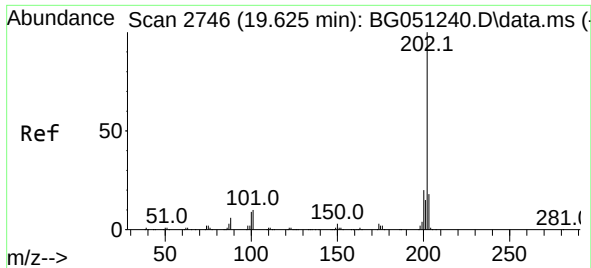


#77  
 Carbazole  
 Concen: 40.364 ng/ul  
 RT: 17.994 min Scan# 2469  
 Delta R.T. 0.009 min  
 Lab File: BG051248.D  
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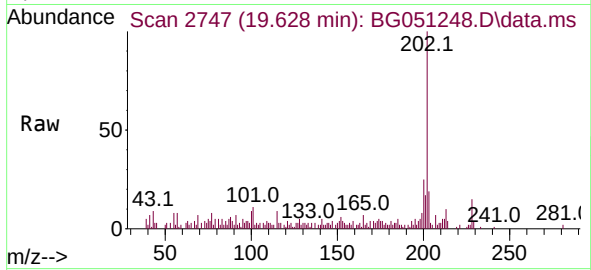
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 Ion Ratio Lower Upper  
 167 100  
 166 22.6 17.3 25.9  
 139 13.5 10.6 16.0





#80  
 Fluoranthene  
 Concen: 1.345 ng/ul  
 RT: 19.628 min Scan# 21  
 Delta R.T. 0.003 min  
 Lab File: BG051248.D  
 Acq: 25 Nov 2021 17:20

Instrument :  
 BNA\_G  
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Tgt Ion:202 Resp: 16859  
 Ion Ratio Lower Upper  
 202 100  
 101 10.8 9.3 13.9  
 100 9.0 7.0 10.6

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