

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072224\  
 Data File : BG062163.D  
 Acq On : 22 Jul 2024 16:03  
 Operator : MA/JU  
 Sample : P3263-24DL 5X  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 A4DK8DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh  
 Patel

Quant Time: Jul 22 16:38:57 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG071924.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jul 19 14:38:52 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.064  | 152  | 34661    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.878 | 136  | 149230   | 20.000 | ng/u1  | # 0.00   |
| 38) Acenaphthene-d10          | 14.691 | 164  | 129099   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.440 | 188  | 364825   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.705 | 240  | 352758   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.924 | 264  | 381703   | 20.000 | ng/u1  | -0.01    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.465  | 96   | 535m     | 0.721  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/u1  |          |
| 7) Phenol-d5                  | 7.236  | 99   | 11660    | 3.417  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.389  | 67   | 6665     | 3.399  | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.594  | 132  | 7864     | 3.657  | ng/u1  | -0.01    |
| 15) 4-Methylphenol-d8         | 8.781  | 113  | 8511     | 3.275  | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.233  | 128  | 4142     | 3.484  | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.956  | 143  | 5561     | 3.886  | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.508 | 165  | 12158    | 4.059  | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.019 | 131  | 10339    | 2.869  | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.092 | 166  | 55121    | 5.037  | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.391 | 160  | 54289    | 4.893  | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.920 | 143  | 7153     | 5.425  | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.683 | 176  | 50951    | 5.469  | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.807 | 200  | 7323m    | 3.159  | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.534 | 188  | 96838    | 5.682  | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.819 | 212  | 123948   | 6.197  | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.701 | 264  | 115526   | 6.055  | ng/u1  | -0.02    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 8) Phenol                     | 7.260  | 94   | 69545    | 20.657 | ng/u1  | 97       |
| 10) Bis(2-Chloroethyl)ether   | 7.483  | 93   | 15153    | 6.535  | ng/u1# | 85       |
| 12) 2-Chlorophenol            | 7.630  | 128  | 29185    | 13.367 | ng/u1  | 97       |
| 17) N-Nitroso-di-n-propyla... | 8.863  | 70   | 44822    | 17.265 | ng/u1  | 90       |
| 19) Hexachloroethane          | 9.145  | 117  | 17513    | 17.918 | ng/u1# | 78       |
| 22) Nitrobenzene              | 9.275  | 77   | 22758    | 5.919  | ng/u1  | 98       |
| 25) 2-Nitrophenol             | 9.991  | 139  | 12781    | 8.445  | ng/u1  | 97       |
| 27) Bis(2-Chloroethoxy)met... | 10.273 | 93   | 34833    | 9.597  | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.526 | 162  | 23653    | 8.311  | ng/u1  | 97       |
| 30) Naphthalene               | 10.925 | 128  | 194121   | 24.114 | ng/u1  | 97       |
| 35) 4-Chloro-3-methylphenol   | 12.165 | 107  | 60850    | 17.831 | ng/u1  | 95       |
| 41) 2,4,6-Trichlorophenol     | 13.134 | 196  | 33162    | 11.356 | ng/u1  | 93       |
| 42) 2,4,5-Trichlorophenol     | 13.210 | 196  | 79693    | 25.072 | ng/u1  | 95       |
| 44) 2-Chloronaphthalene       | 13.575 | 162  | 79655    | 10.601 | ng/u1  | 96       |
| 48) 2,6-Dinitrotoluene        | 14.268 | 165  | 85154    | 39.908 | ng/u1  | 96       |
| 50) Acenaphthylene            | 14.421 | 152  | 332316   | 27.473 | ng/u1  | 100      |
| 52) Acenaphthene              | 14.761 | 153  | 167595   | 20.873 | ng/u1  | 98       |
| 55) 4-Nitrophenol             | 14.932 | 109  | 56163    | 27.827 | ng/u1# | 86       |
| 57) 2,4-Dinitrotoluene        | 15.055 | 165  | 68827    | 21.021 | ng/u1# | 92       |
| 59) Diethylphthalate          | 15.496 | 149  | 346918   | 33.675 | ng/u1  | 99       |
| 61) Fluorene                  | 15.736 | 166  | 87526    | 8.442  | ng/u1  | 96       |
| 62) 4-Chlorophenyl-phenyle... | 15.725 | 204  | 165256   | 25.739 | ng/u1  | 98       |
| 69) Hexachlorobenzene         | 16.741 | 284  | 196092   | 43.496 | ng/u1  | 96       |
| 71) Pentachlorophenol         | 17.093 | 266  | 56499    | 33.985 | ng/u1  | 97       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072224\  
 Data File : BG062163.D  
 Acq On : 22 Jul 2024 16:03  
 Operator : MA/JU  
 Sample : P3263-24DL 5X  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 A4DK8DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh  
 Patel

Quant Time: Jul 22 16:38:57 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG071924.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jul 19 14:38:52 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |                         |
|-------------------------------|--------|------|----------|--------|--------|----------|-------------------------|
| 72) Phenanthrene              | 17.481 | 178  | 179331   | 10.215 | ng/ul  | 98       | 07/23/2024              |
| 74) Anthracene                | 17.569 | 178  | 246268   | 13.626 | ng/ul  | 98       | Supervised By :mohammad |
| 78) Di-n-butylphthalate       | 18.386 | 149  | 538516   | 30.567 | ng/ul  | 99       | ahmed                   |
| 80) Fluoranthene              | 19.484 | 202  | 745339   | 32.485 | ng/ul  | 99       |                         |
| 82) Pyrene                    | 19.848 | 202  | 360409   | 15.107 | ng/ul  | 99       |                         |
| 85) Benzo(a)anthracene        | 21.681 | 228  | 527933   | 21.322 | ng/ul  | 98       |                         |
| 86) Bis(2-ethylhexyl)phtha... | 21.564 | 149  | 409296   | 40.331 | ng/ul  | 96       | 07/25/2024              |
| 87) Chrysene                  | 21.746 | 228  | 676449   | 29.717 | ng/ul  | 98       |                         |
| 91) Benzo(k)fluoranthene      | 23.966 | 252  | 686126   | 29.147 | ng/ul# | 96       |                         |
| 95) Dibenzo(a,h)anthracene    | 28.666 | 278  | 419870m  | 19.955 | ng/ul  |          |                         |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072224\  
Data File : BG062163.D  
Acq On : 22 Jul 2024 16:03  
Operator : MA/JU  
Sample : P3263-24DL 5X  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

A4DK8DL

## Manual Integrations

## APPROVED

Reviewed By :Yogesh  
Patel

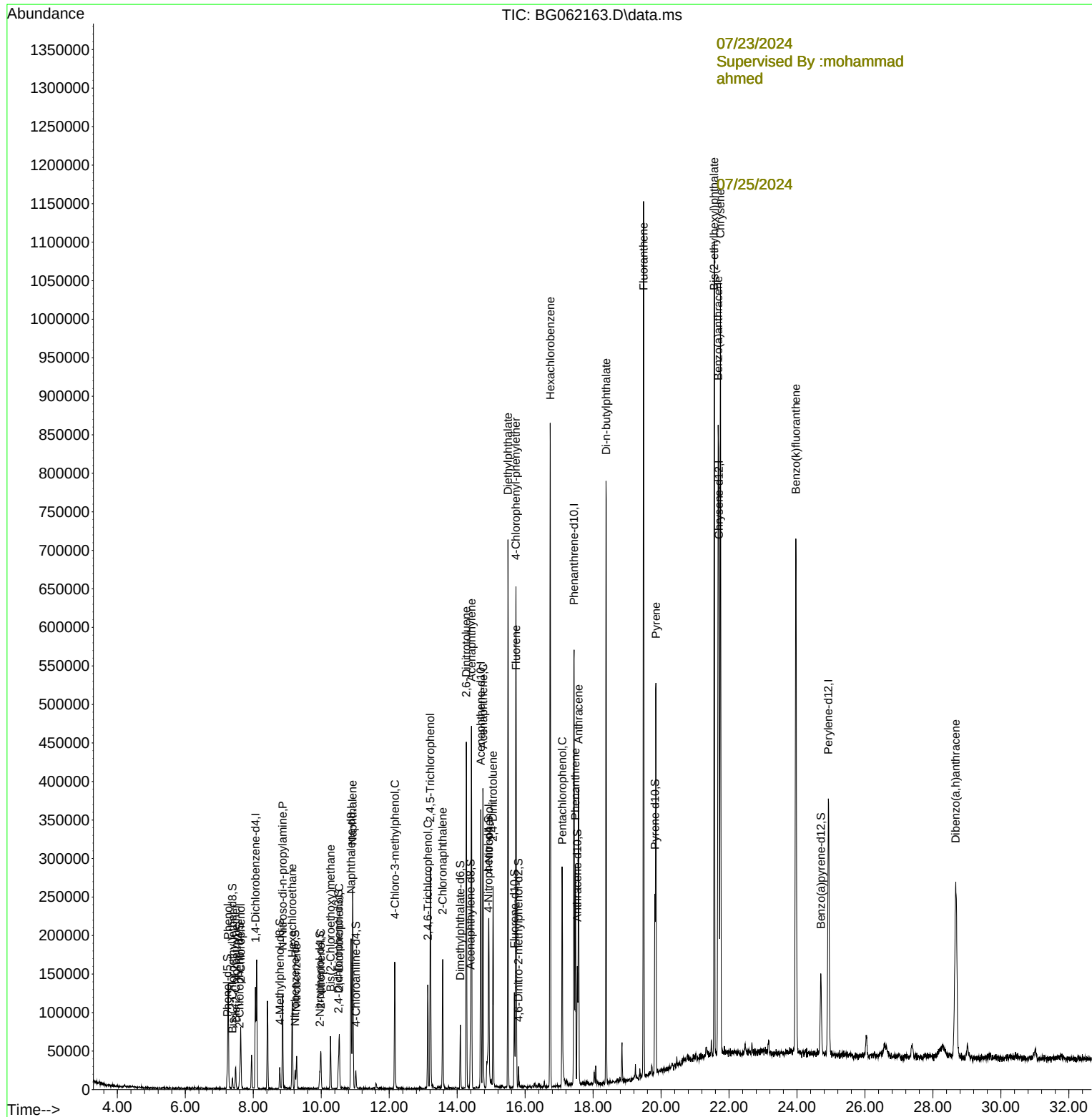
Quant Time: Jul 22 16:38:57 2024

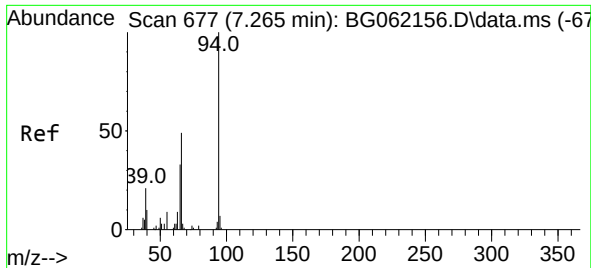
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG071924.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Jul 19 14:38:52 2024

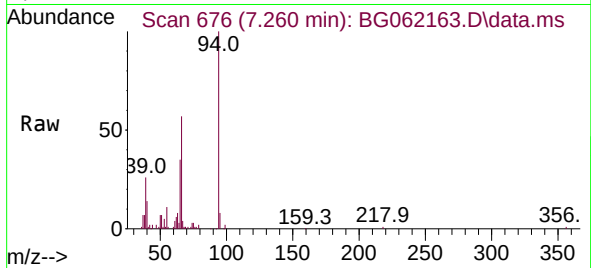
Response via : Initial Calibration





#8  
Phenol  
Concen: 20.657 ng/ul  
RT: 7.260 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BG062163.D  
Acq: 22 Jul 2024 16:03

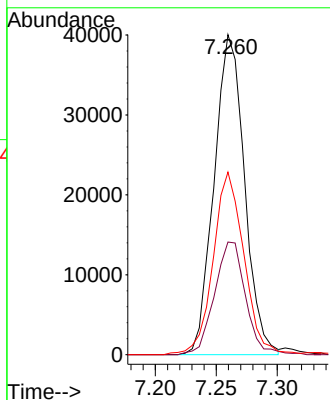
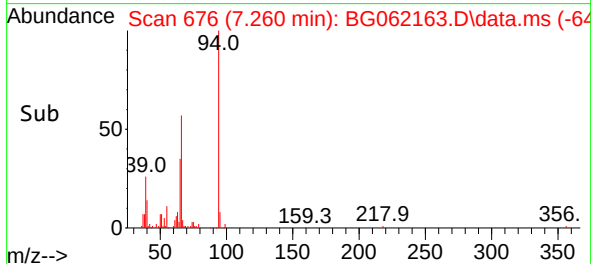
Instrument :  
BNA\_G  
ClientSampleId :  
A4DK8DL



Tgt Ion: 94 Resp: 6954  
Ion Ratio Lower Upper  
94 100  
65 35.2 30.1 45.1  
66 57.0 44.0 66.0

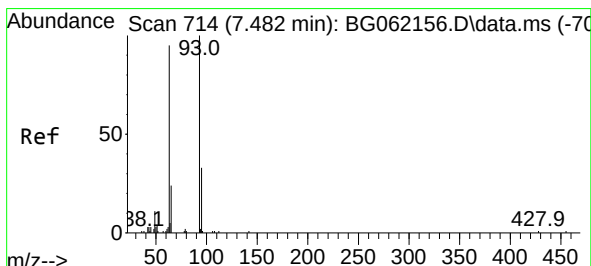
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



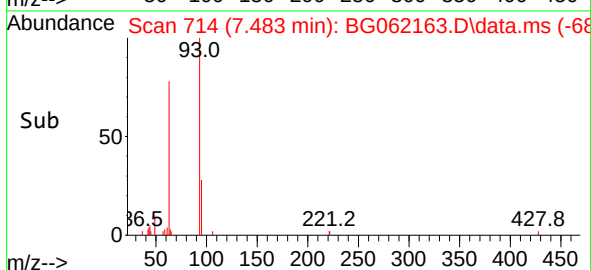
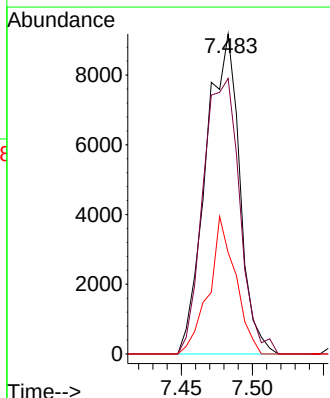
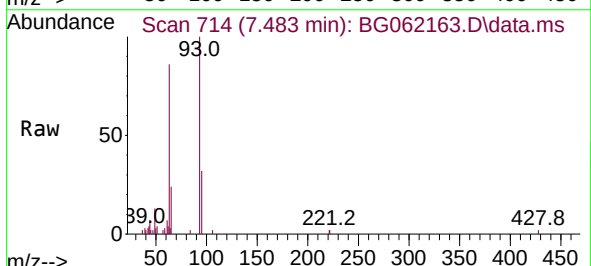
07/23/2024  
Supervised By :mohammad  
ahmed

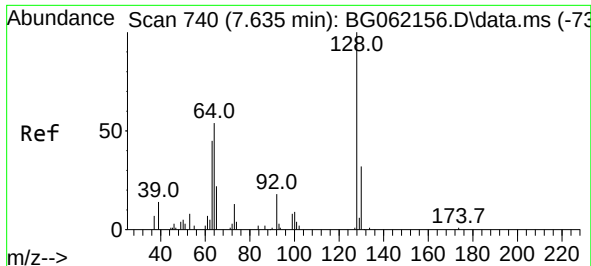
07/25/2024



#10  
Bis(2-Chloroethyl)ether  
Concen: 6.535 ng/ul  
RT: 7.483 min Scan# 714  
Delta R.T. 0.000 min  
Lab File: BG062163.D  
Acq: 22 Jul 2024 16:03

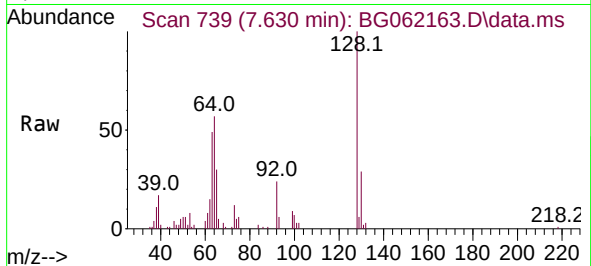
Tgt Ion: 93 Resp: 15153  
Ion Ratio Lower Upper  
93 100  
63 86.1 81.9 122.9  
95 31.7 31.9 47.9#





#12  
2-Chlorophenol  
Concen: 13.367 ng/ul  
RT: 7.630 min Scan# 740  
Delta R.T. 0.000 min  
Lab File: BG062163.D  
Acq: 22 Jul 2024 16:03

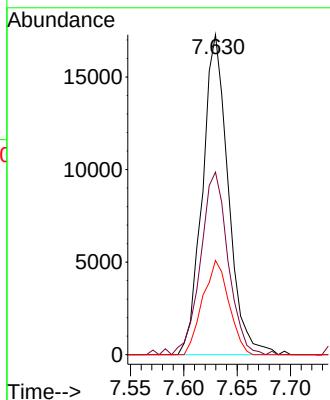
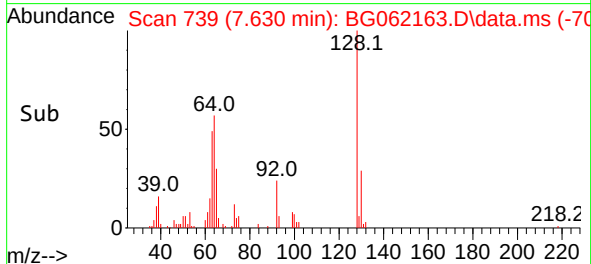
Instrument :  
BNA\_G  
ClientSampleId :  
A4DK8DL



Tgt Ion:128 Resp: 2918  
Ion Ratio Lower Upper  
128 100  
64 57.1 45.0 67.6  
130 29.4 26.2 39.2

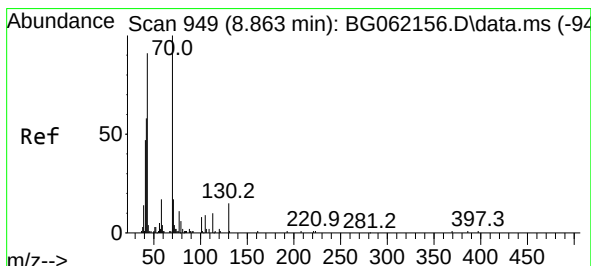
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



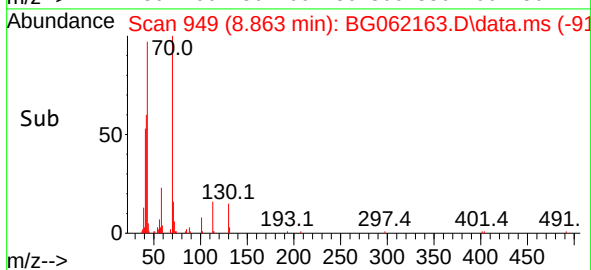
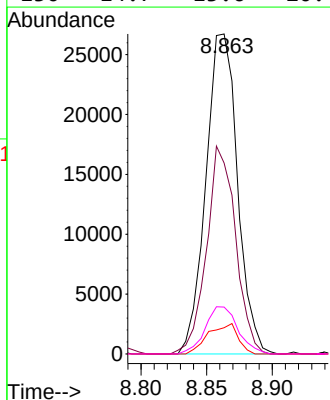
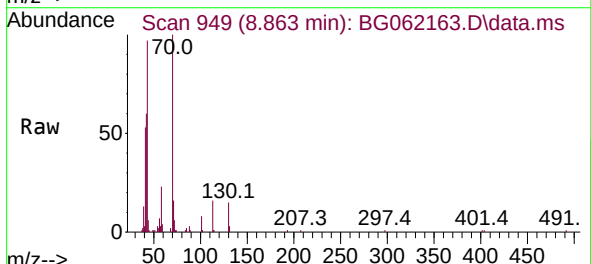
07/23/2024  
Supervised By :mohammad  
ahmed

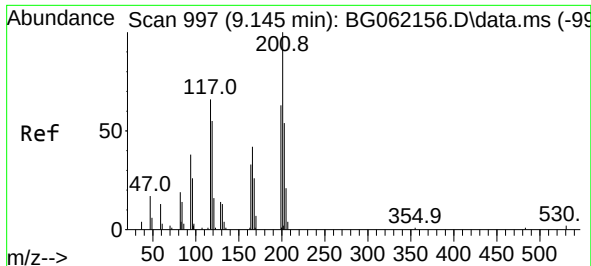
07/25/2024



#17  
N-Nitroso-di-n-propylamine  
Concen: 17.265 ng/ul  
RT: 8.863 min Scan# 949  
Delta R.T. -0.006 min  
Lab File: BG062163.D  
Acq: 22 Jul 2024 16:03

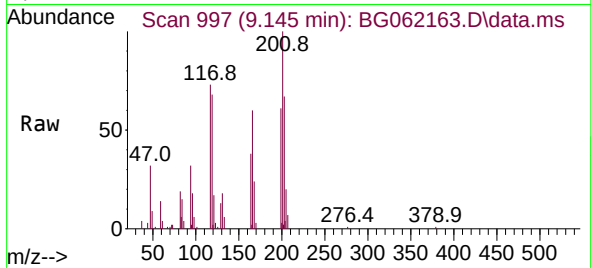
Tgt Ion: 70 Resp: 44822  
Ion Ratio Lower Upper  
70 100  
42 59.7 55.7 83.5  
101 8.2 7.0 10.6  
130 14.7 13.6 20.4





#19  
Hexachloroethane  
Concen: 17.918 ng/ul  
RT: 9.145 min Scan# 997  
Delta R.T. -0.006 min  
Lab File: BG062163.D  
Acq: 22 Jul 2024 16:03

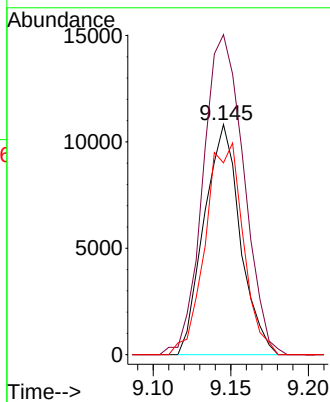
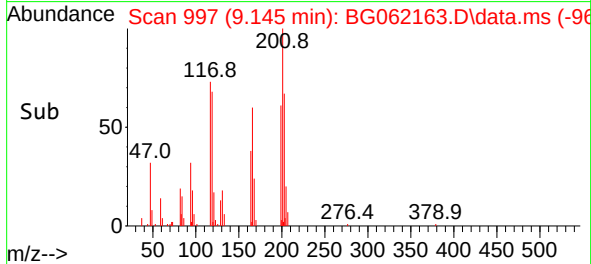
Instrument :  
BNA\_G  
ClientSampleId :  
A4DK8DL



Tgt Ion:117 Resp: 1751  
Ion Ratio Lower Upper  
117 100  
201 139.0 135.2 202.8  
199 83.3 84.9 127.3

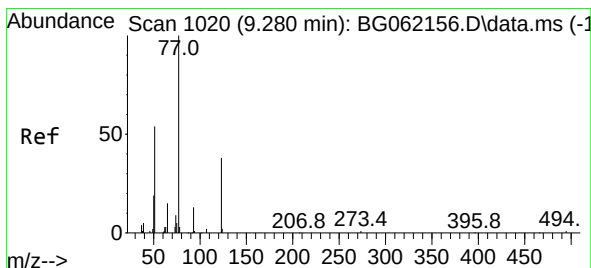
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



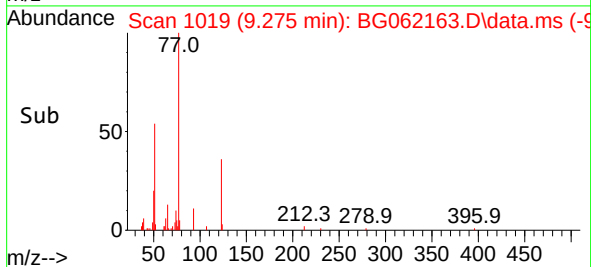
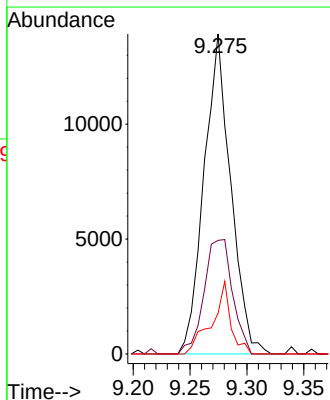
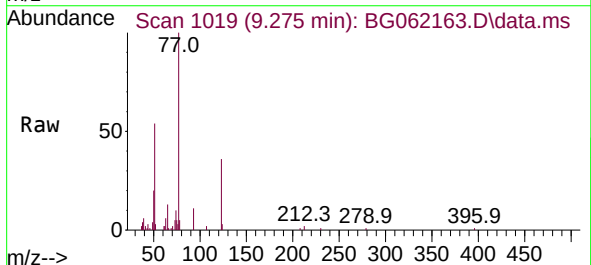
07/23/2024  
Supervised By :mohammad  
ahmed

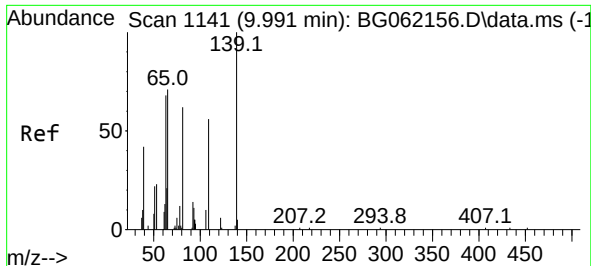
07/25/2024



#22  
Nitrobenzene  
Concen: 5.919 ng/ul  
RT: 9.275 min Scan# 1019  
Delta R.T. 0.000 min  
Lab File: BG062163.D  
Acq: 22 Jul 2024 16:03

Tgt Ion: 77 Resp: 22758  
Ion Ratio Lower Upper  
77 100  
123 35.5 27.4 41.0  
65 12.7 11.0 16.6





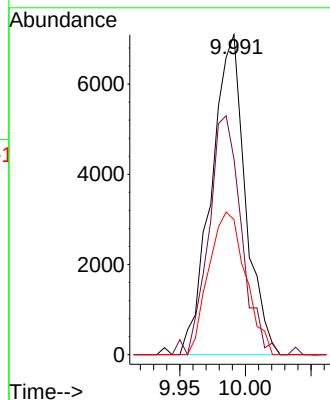
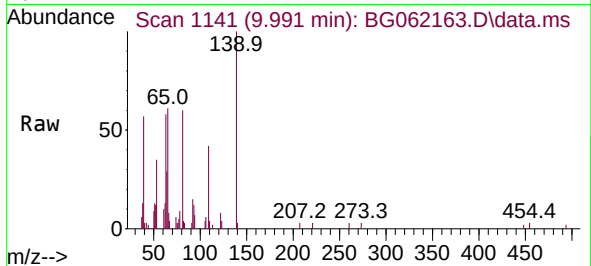
#25  
2-Nitrophenol  
Concen: 8.445 ng/ul  
RT: 9.991 min Scan# 1141  
Delta R.T. -0.006 min  
Lab File: BG062163.D  
Acq: 22 Jul 2024 16:03

Instrument :  
BNA\_G  
ClientSampleId :  
A4DK8DL

Tgt Ion:139 Resp: 1278  
Ion Ratio Lower Upper  
139 100  
65 61.2 49.6 74.4  
109 42.2 37.0 55.4

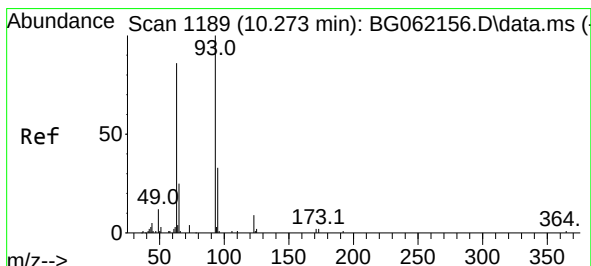
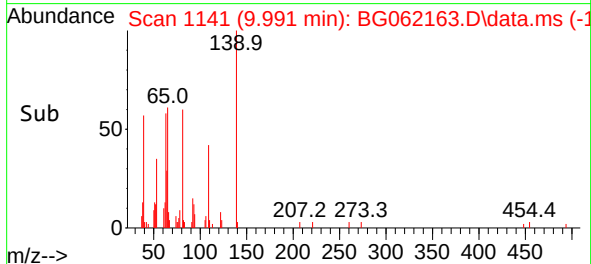
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



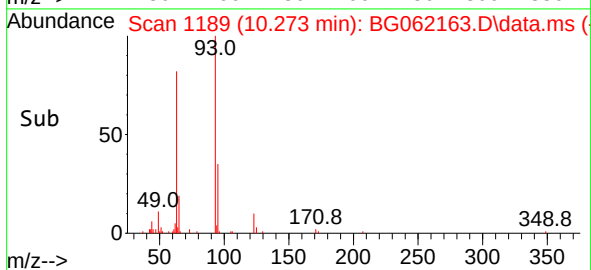
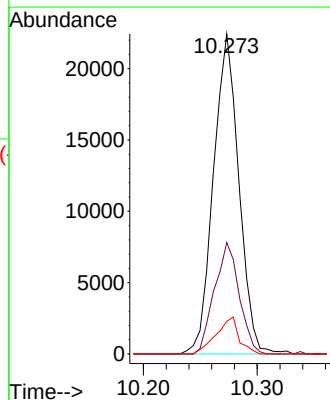
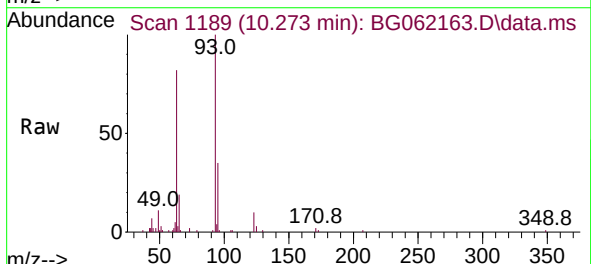
07/23/2024  
Supervised By :mohammad  
ahmed

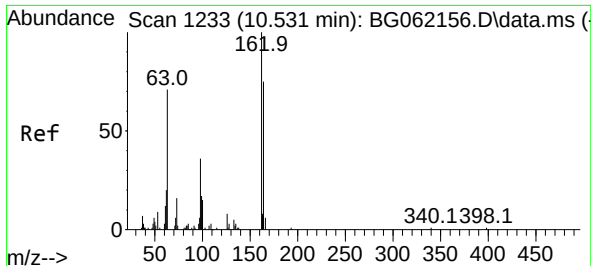
07/25/2024



#27  
Bis(2-Chloroethoxy)methane  
Concen: 9.597 ng/ul  
RT: 10.273 min Scan# 1189  
Delta R.T. -0.006 min  
Lab File: BG062163.D  
Acq: 22 Jul 2024 16:03

Tgt Ion: 93 Resp: 34833  
Ion Ratio Lower Upper  
93 100  
95 34.8 28.1 42.1  
123 10.2 7.3 10.9





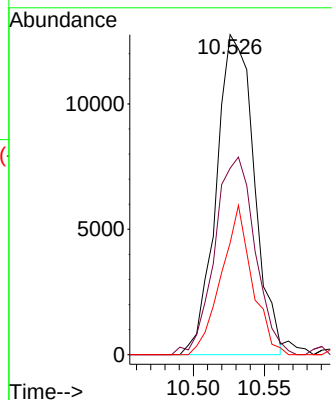
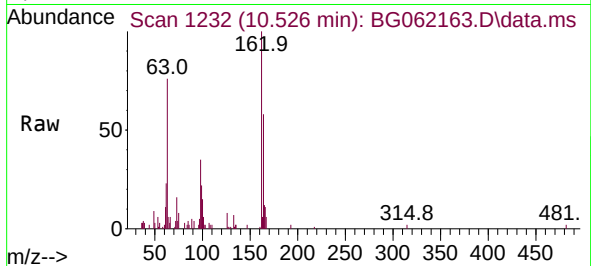
#29  
2,4-Dichlorophenol  
Concen: 8.311 ng/ul  
RT: 10.526 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BG062163.D  
Acq: 22 Jul 2024 16:03

Instrument :  
BNA\_G  
ClientSampleId :  
A4DK8DL

Tgt Ion:162 Resp: 2365  
Ion Ratio Lower Upper  
162 100  
164 58.2 45.3 67.9  
98 34.9 25.4 38.2

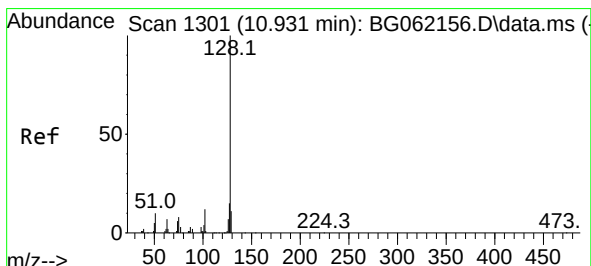
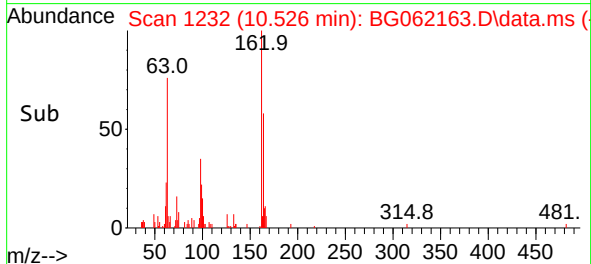
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



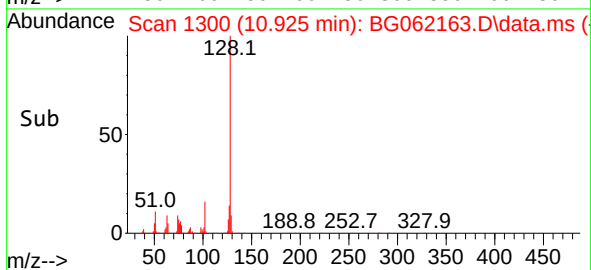
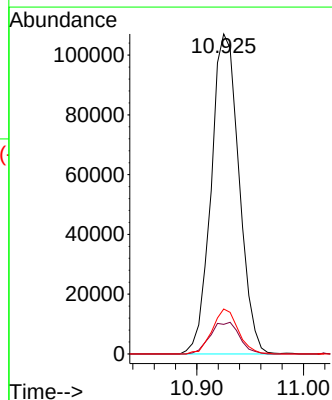
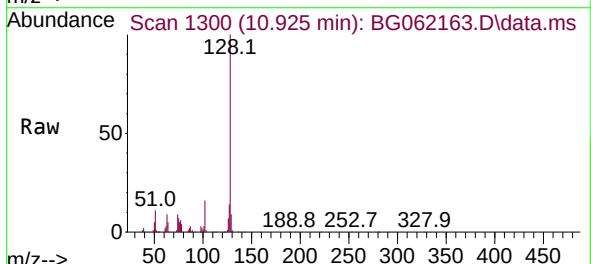
07/23/2024  
Supervised By :mohammad  
ahmed

07/25/2024

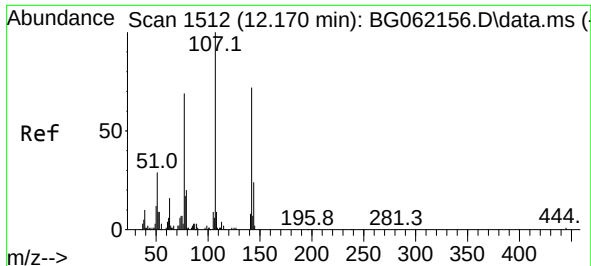


#30  
Naphthalene  
Concen: 24.114 ng/ul  
RT: 10.925 min Scan# 1300  
Delta R.T. -0.005 min  
Lab File: BG062163.D  
Acq: 22 Jul 2024 16:03

Tgt Ion:128 Resp: 194121  
Ion Ratio Lower Upper  
128 100  
129 9.3 8.7 13.1  
127 14.0 10.6 15.8

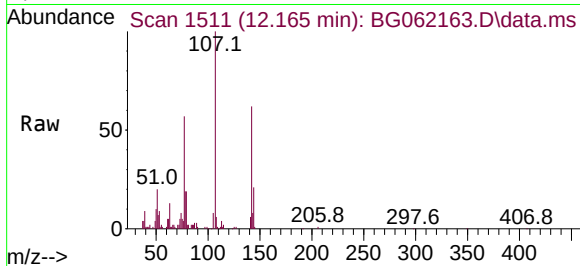






#35  
4-Chloro-3-methylphenol  
Concen: 17.831 ng/ul  
RT: 12.165 min Scan# 1511  
Delta R.T. -0.006 min  
Lab File: BG062163.D  
Acq: 22 Jul 2024 16:03

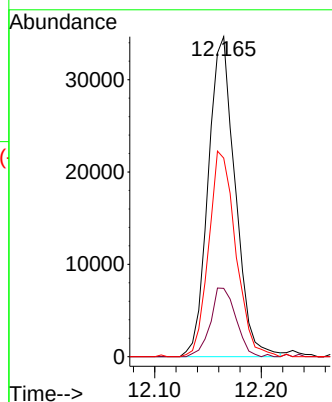
Instrument :  
BNA\_G  
ClientSampleId :  
A4DK8DL



Tgt Ion:107 Resp: 60850  
Ion Ratio Lower Upper  
107 100  
144 21.4 14.5 21.7  
142 62.1 52.2 78.4

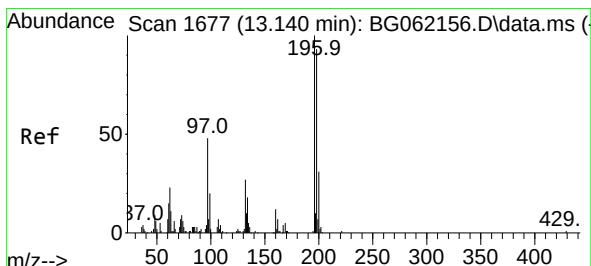
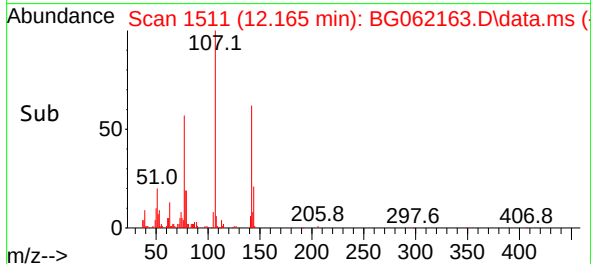
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



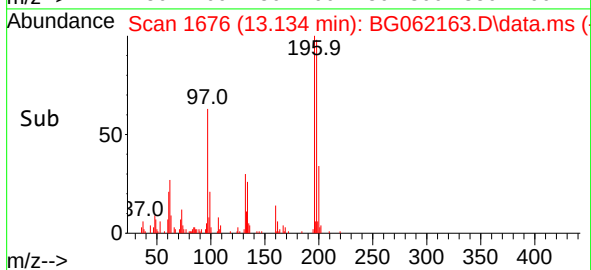
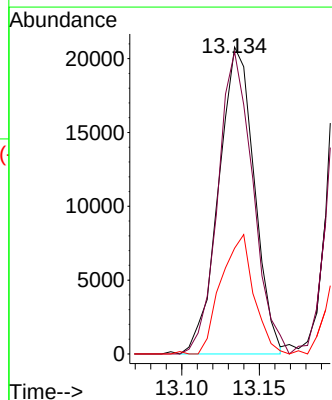
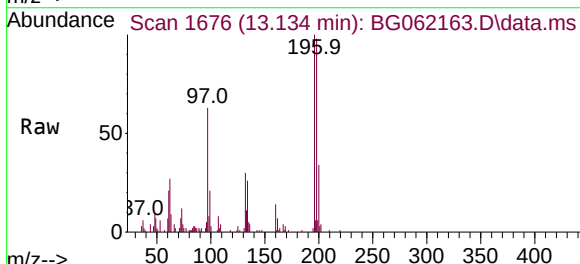
07/23/2024  
Supervised By :mohammad  
ahmed

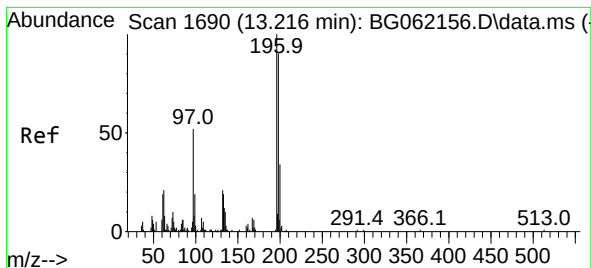
07/25/2024



#41  
2,4,6-Trichlorophenol  
Concen: 11.356 ng/ul  
RT: 13.134 min Scan# 1676  
Delta R.T. -0.006 min  
Lab File: BG062163.D  
Acq: 22 Jul 2024 16:03

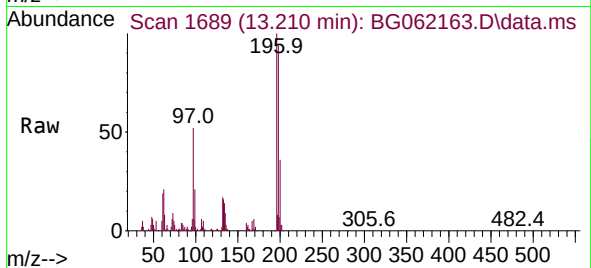
Tgt Ion:196 Resp: 33162  
Ion Ratio Lower Upper  
196 100  
198 98.5 85.6 128.4  
200 34.5 29.0 43.6





#42  
2,4,5-Trichlorophenol  
Concen: 25.072 ng/ul  
RT: 13.210 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BG062163.D  
Acq: 22 Jul 2024 16:03

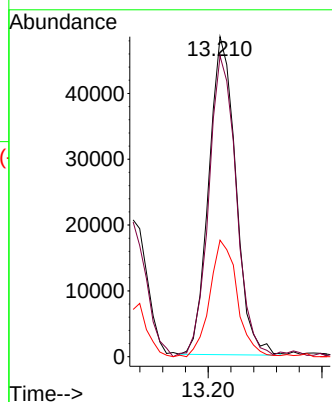
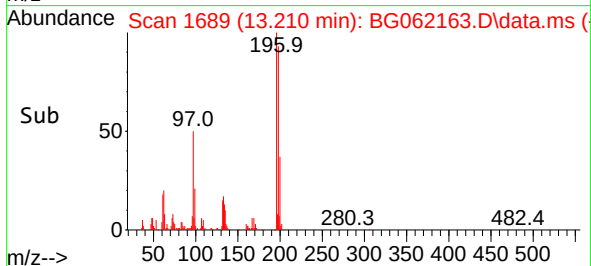
Instrument :  
BNA\_G  
ClientSampleId :  
A4DK8DL



Tgt Ion:196 Resp: 7969  
Ion Ratio Lower Upper  
196 100  
198 93.9 72.2 108.2  
200 36.4 25.1 37.7

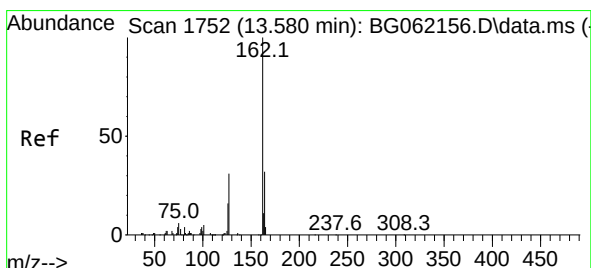
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel

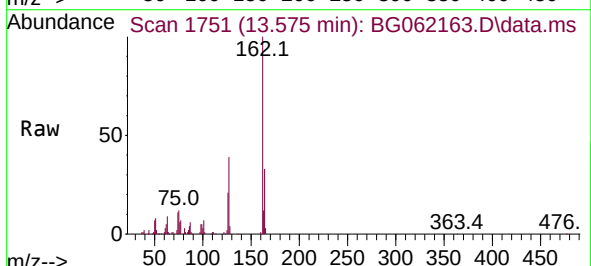


07/23/2024  
Supervised By :mohammad  
ahmed

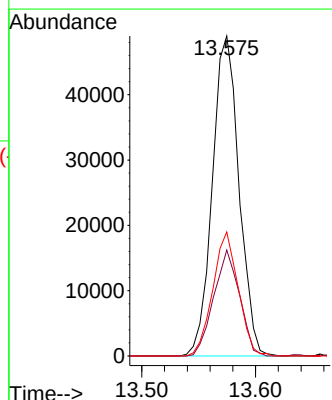
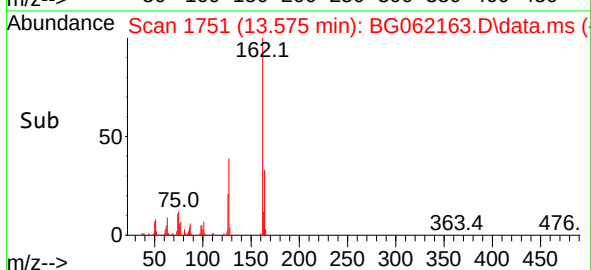
07/25/2024

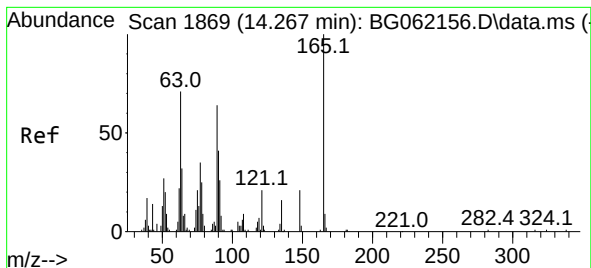


#44  
2-Chloronaphthalene  
Concen: 10.601 ng/ul  
RT: 13.575 min Scan# 1751  
Delta R.T. -0.006 min  
Lab File: BG062163.D  
Acq: 22 Jul 2024 16:03



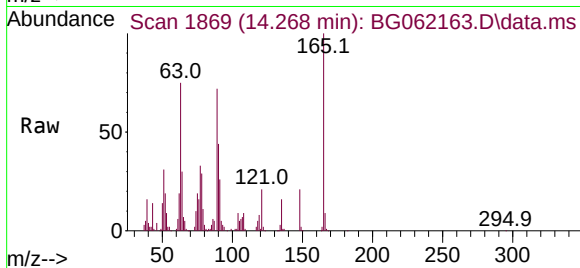
Tgt Ion:162 Resp: 79655  
Ion Ratio Lower Upper  
162 100  
164 33.1 27.4 41.2  
127 38.8 28.3 42.5





#48  
2,6-Dinitrotoluene  
Concen: 39.908 ng/ul  
RT: 14.268 min Scan# 1869  
Delta R.T. -0.005 min  
Lab File: BG062163.D  
Acq: 22 Jul 2024 16:03

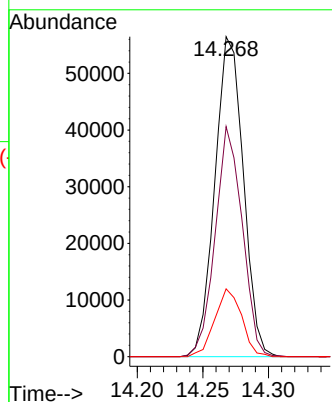
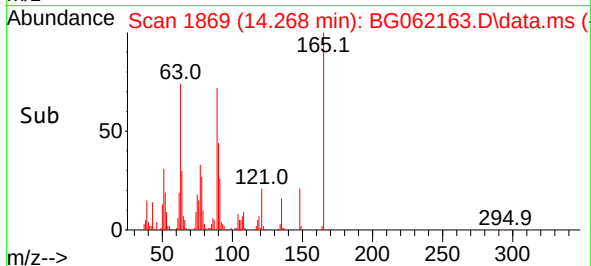
Instrument :  
BNA\_G  
ClientSampleId :  
A4DK8DL



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 89      | 71.9  | 59.4  | 89.2  |
| 121     | 21.2  | 19.4  | 29.2  |

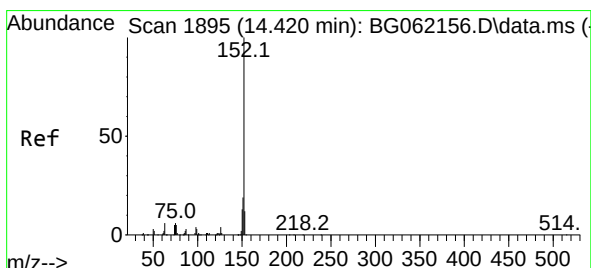
Manual Integrations  
**APPROVED**

Reviewed By :Yogesh  
Patel



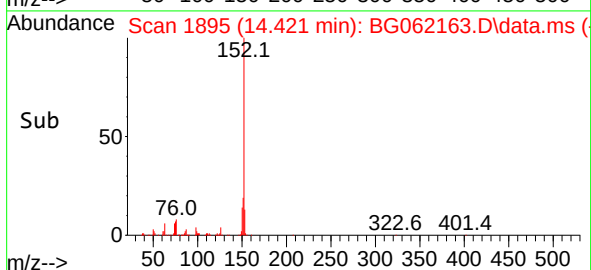
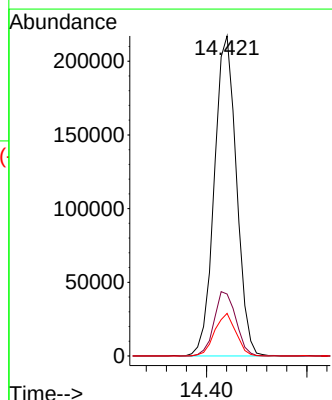
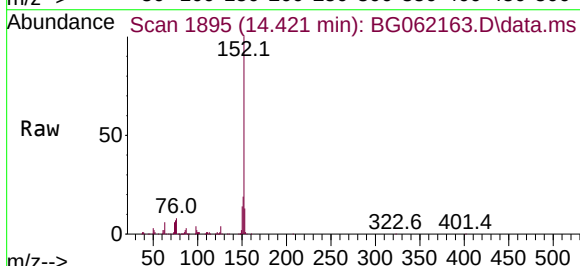
07/23/2024  
Supervised By :mohammad  
ahmed

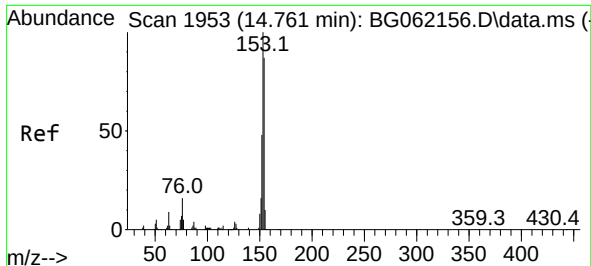
07/25/2024



#50  
Acenaphthylene  
Concen: 27.473 ng/ul  
RT: 14.421 min Scan# 1895  
Delta R.T. 0.000 min  
Lab File: BG062163.D  
Acq: 22 Jul 2024 16:03

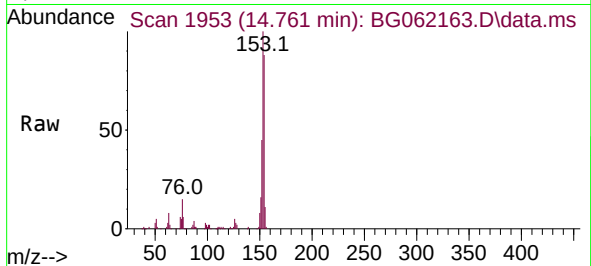
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.4  | 15.4  | 23.2  |
| 153     | 13.3  | 10.8  | 16.2  |





#52  
Acenaphthene  
Concen: 20.873 ng/ul  
RT: 14.761 min Scan# 1953  
Delta R.T. 0.000 min  
Lab File: BG062163.D  
Acq: 22 Jul 2024 16:03

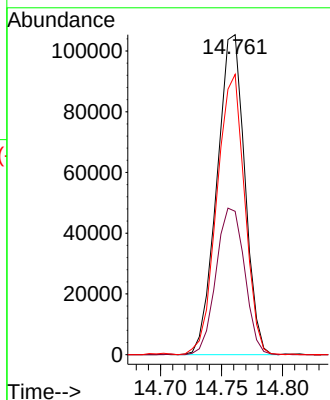
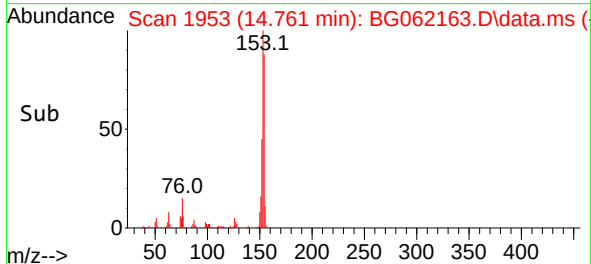
Instrument :  
BNA\_G  
ClientSampleId :  
A4DK8DL



Tgt Ion:153 Resp: 16759  
Ion Ratio Lower Upper  
153 100  
152 44.8 38.2 57.4  
154 87.6 71.0 106.6

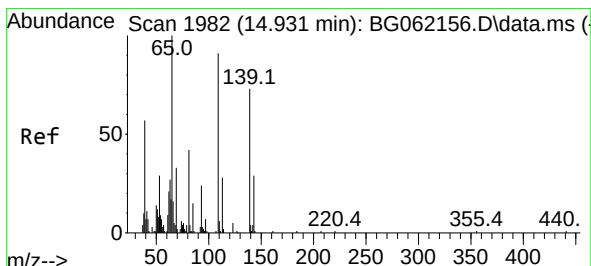
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



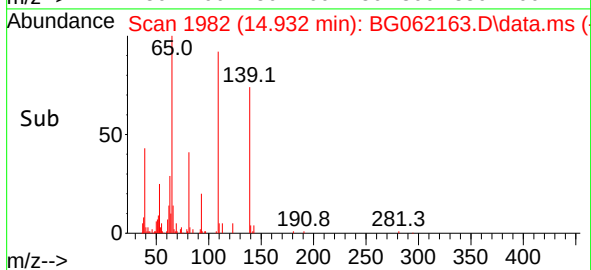
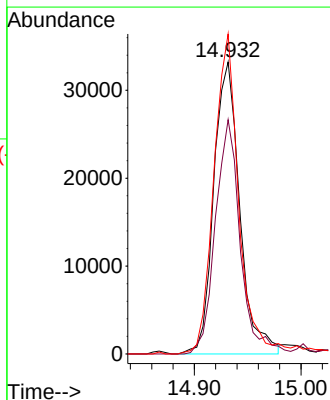
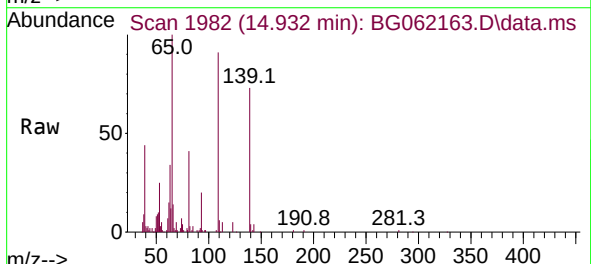
07/23/2024  
Supervised By :mohammad  
ahmed

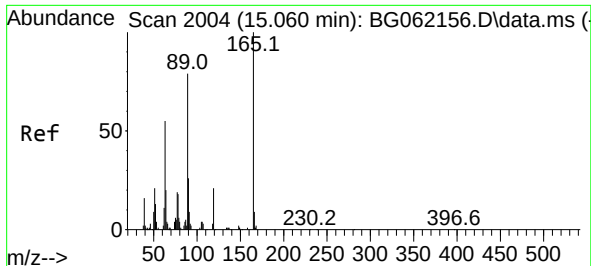
07/25/2024



#55  
4-Nitrophenol  
Concen: 27.827 ng/ul  
RT: 14.932 min Scan# 1982  
Delta R.T. -0.006 min  
Lab File: BG062163.D  
Acq: 22 Jul 2024 16:03

Tgt Ion:109 Resp: 56163  
Ion Ratio Lower Upper  
109 100  
139 80.3 60.2 90.2  
65 109.6 72.6 109.0#





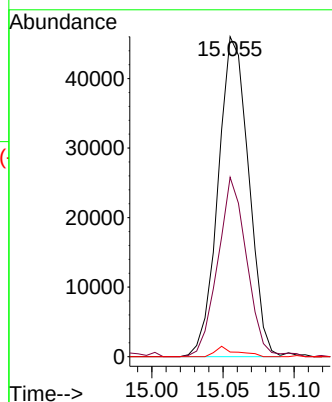
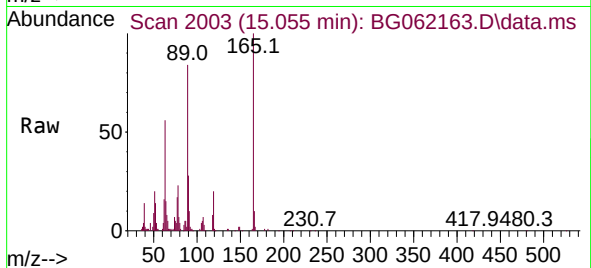
#57  
2,4-Dinitrotoluene  
Concen: 21.021 ng/ul  
RT: 15.055 min Scan# 2004  
Delta R.T. -0.006 min  
Lab File: BG062163.D  
Acq: 22 Jul 2024 16:03

Instrument :  
BNA\_G  
ClientSampleId :  
A4DK8DL

Tgt Ion:165 Resp: 6882  
Ion Ratio Lower Upper  
165 100  
63 56.1 49.8 74.6  
182 1.5 3.8 5.8

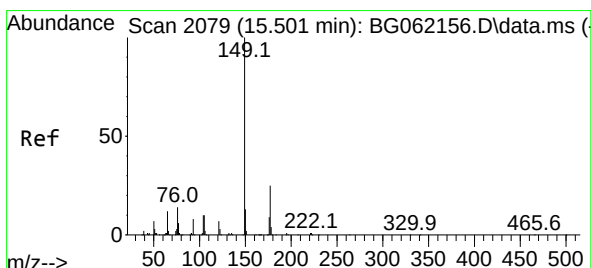
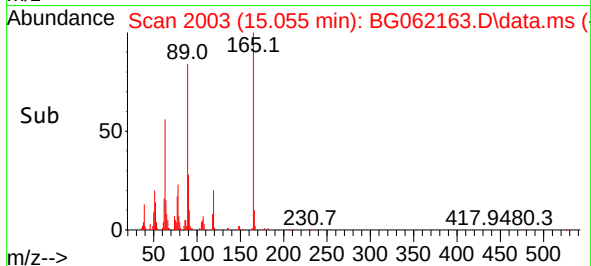
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



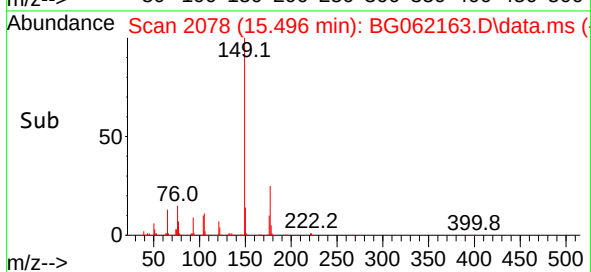
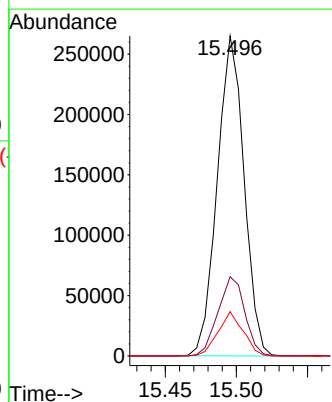
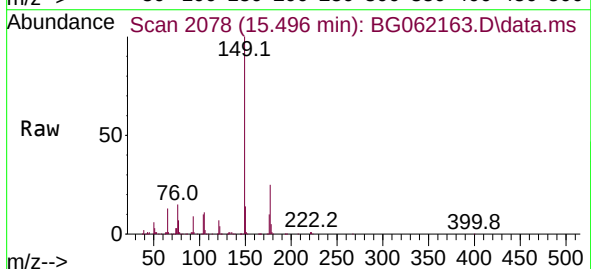
07/23/2024  
Supervised By :mohammad  
ahmed

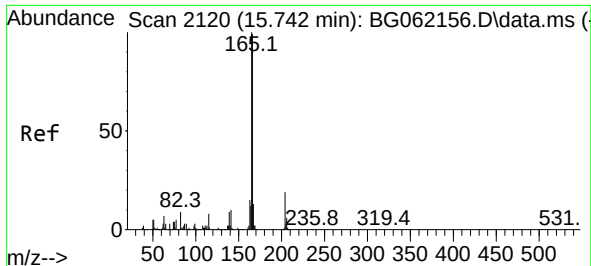
07/25/2024



#59  
Diethylphthalate  
Concen: 33.675 ng/ul  
RT: 15.496 min Scan# 2078  
Delta R.T. 0.000 min  
Lab File: BG062163.D  
Acq: 22 Jul 2024 16:03

Tgt Ion:149 Resp: 346918  
Ion Ratio Lower Upper  
149 100  
177 24.8 20.6 30.8  
150 13.8 10.9 16.3





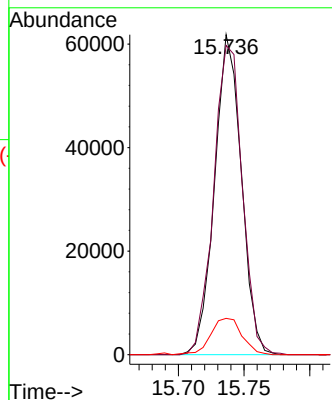
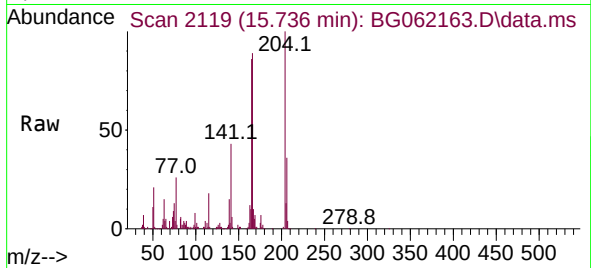
#61  
Fluorene  
Concen: 8.442 ng/ul  
RT: 15.736 min Scan# 2119  
Delta R.T. -0.006 min  
Lab File: BG062163.D  
Acq: 22 Jul 2024 16:03

Instrument :  
BNA\_G  
ClientSampleId :  
A4DK8DL

Tgt Ion:166 Resp: 87520  
Ion Ratio Lower Upper  
166 100  
165 96.7 80.2 120.2  
167 11.4 10.9 16.3

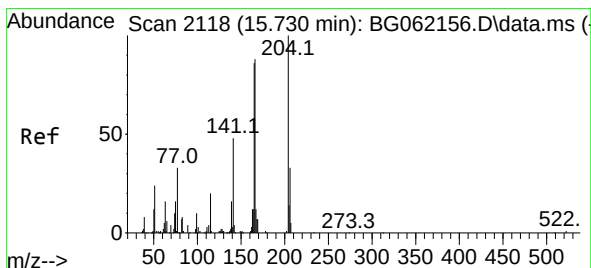
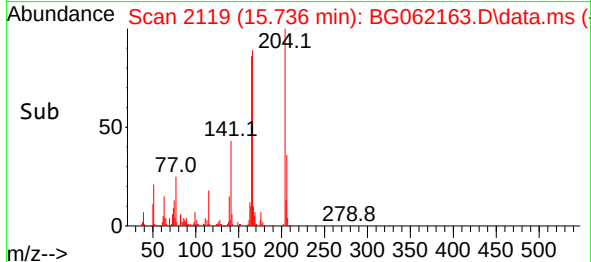
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



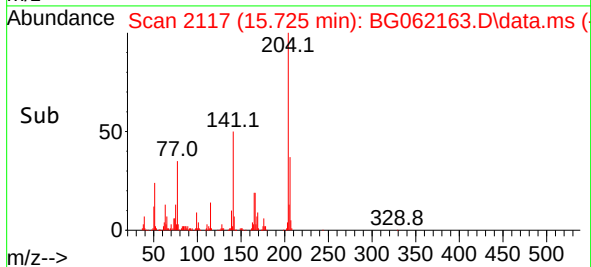
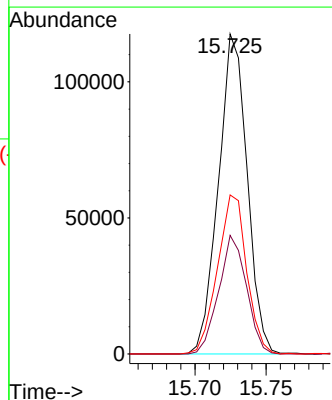
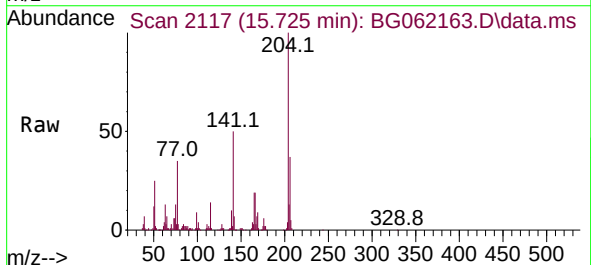
07/23/2024  
Supervised By :mohammad  
ahmed

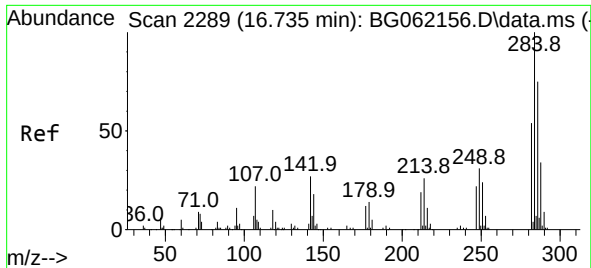
07/25/2024



#62  
4-Chlorophenyl-phenylether  
Concen: 25.739 ng/ul  
RT: 15.725 min Scan# 2117  
Delta R.T. -0.006 min  
Lab File: BG062163.D  
Acq: 22 Jul 2024 16:03

Tgt Ion:204 Resp: 165256  
Ion Ratio Lower Upper  
204 100  
206 37.1 29.8 44.6  
141 49.7 38.2 57.2





#69  
Hexachlorobenzene  
Concen: 43.496 ng/ul  
RT: 16.741 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BG062163.D  
Acq: 22 Jul 2024 16:03

Instrument :

BNA\_G

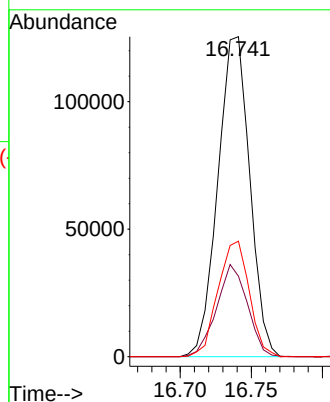
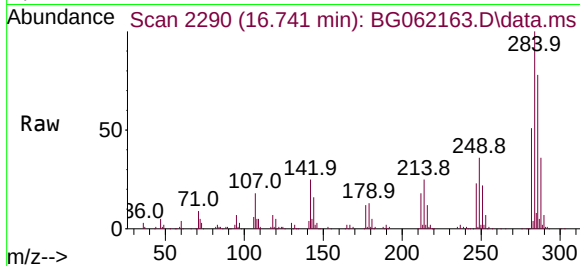
ClientSampleId :

A4DK8DL

Tgt Ion:284 Resp: 196092  
Ion Ratio Lower Upper  
284 100  
142 25.2 23.6 35.4  
249 36.1 29.2 43.8

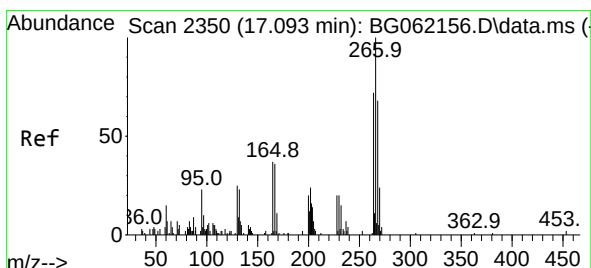
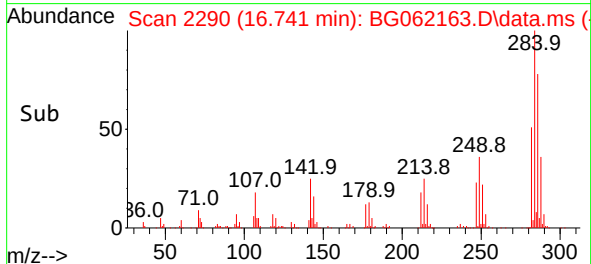
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



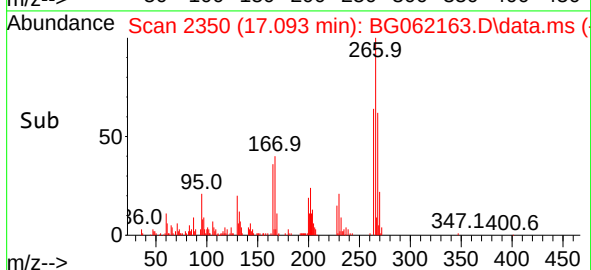
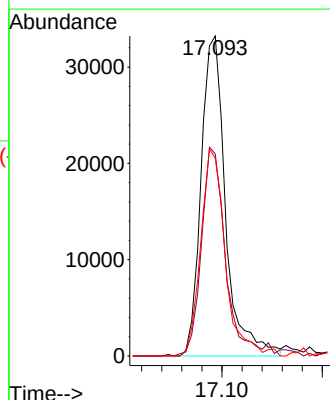
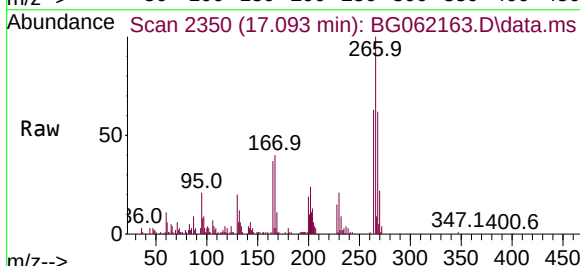
07/23/2024  
Supervised By :mohammad  
ahmed

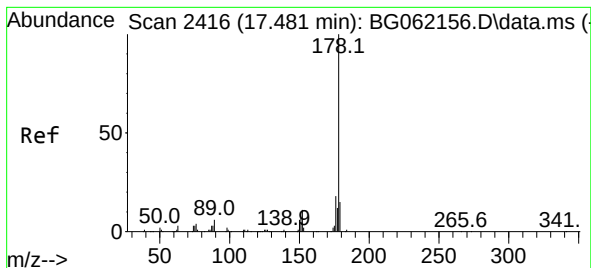
07/25/2024



#71  
Pentachlorophenol  
Concen: 33.985 ng/ul  
RT: 17.093 min Scan# 2350  
Delta R.T. 0.000 min  
Lab File: BG062163.D  
Acq: 22 Jul 2024 16:03

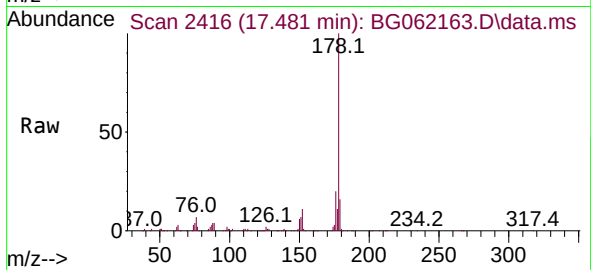
Tgt Ion:266 Resp: 56499  
Ion Ratio Lower Upper  
266 100  
264 63.2 49.0 73.4  
268 61.8 52.0 78.0





#72  
Phenanthrene  
Concen: 10.215 ng/uI  
RT: 17.481 min Scan# 2416  
Delta R.T. 0.000 min  
Lab File: BG062163.D  
Acq: 22 Jul 2024 16:03

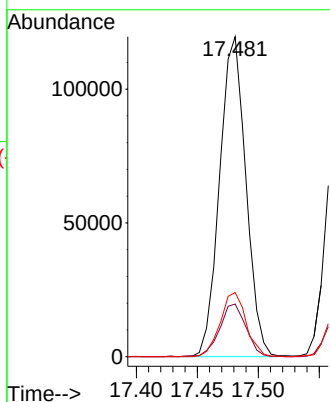
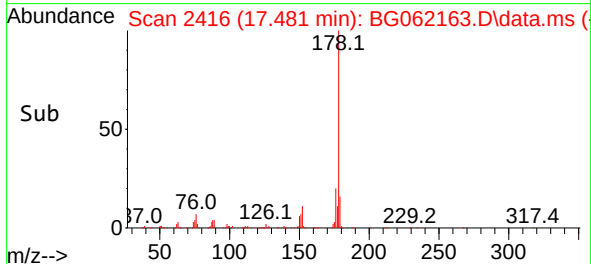
Instrument :  
BNA\_G  
ClientSampleId :  
A4DK8DL



Tgt Ion:178 Resp: 17933  
Ion Ratio Lower Upper  
178 100  
179 16.4 14.1 21.1  
176 20.0 16.3 24.5

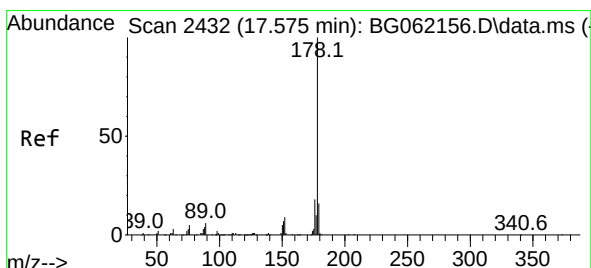
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



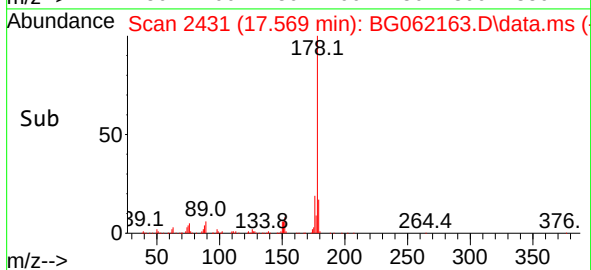
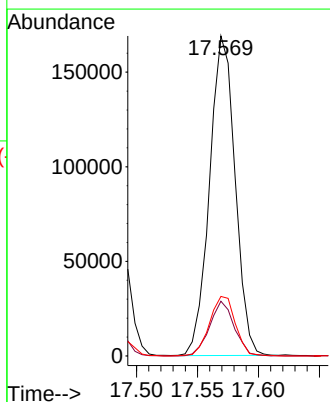
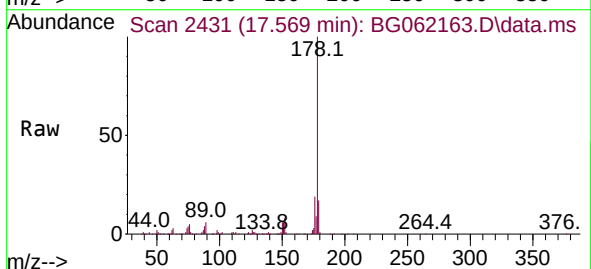
07/23/2024  
Supervised By :mohammad  
ahmed

07/25/2024

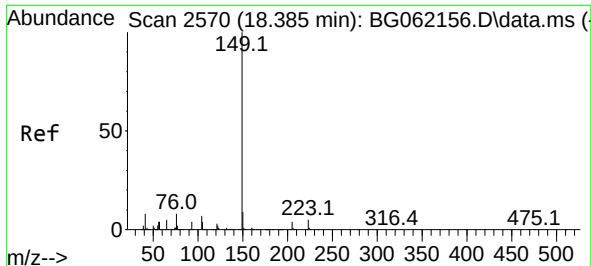


#74  
Anthracene  
Concen: 13.626 ng/uI  
RT: 17.569 min Scan# 2431  
Delta R.T. -0.005 min  
Lab File: BG062163.D  
Acq: 22 Jul 2024 16:03

Tgt Ion:178 Resp: 246268  
Ion Ratio Lower Upper  
178 100  
179 17.1 13.9 20.9  
176 18.6 16.3 24.5

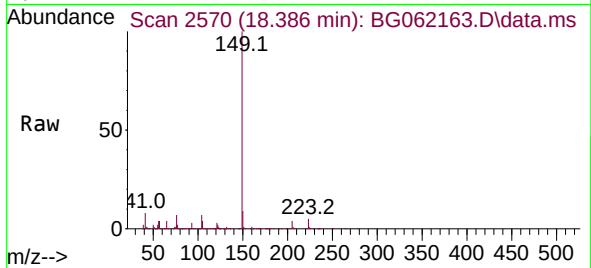






#78  
Di-n-butylphthalate  
Concen: 30.567 ng/ul  
RT: 18.386 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BG062163.D  
Acq: 22 Jul 2024 16:03

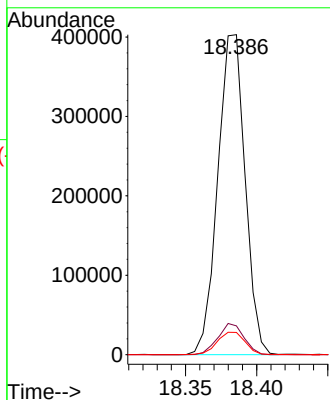
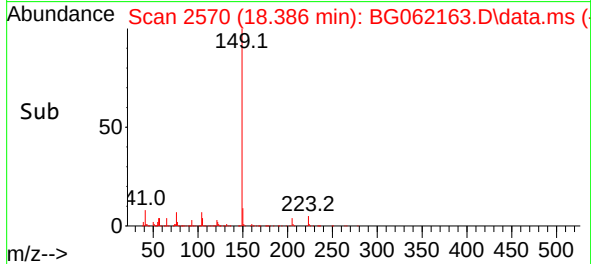
Instrument :  
BNA\_G  
ClientSampleId :  
A4DK8DL



Tgt Ion:149 Resp: 538510  
Ion Ratio Lower Upper  
149 100  
150 9.0 7.4 11.0  
104 6.9 5.2 7.8

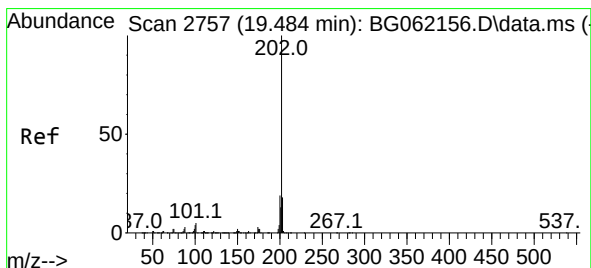
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel

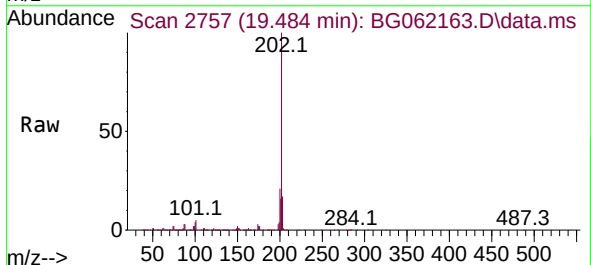


07/23/2024  
Supervised By :mohammad  
ahmed

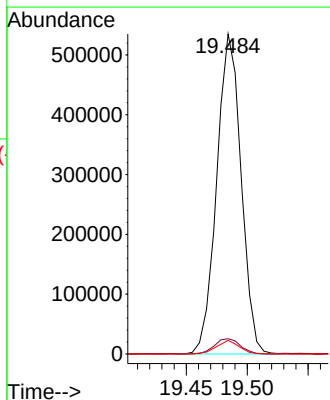
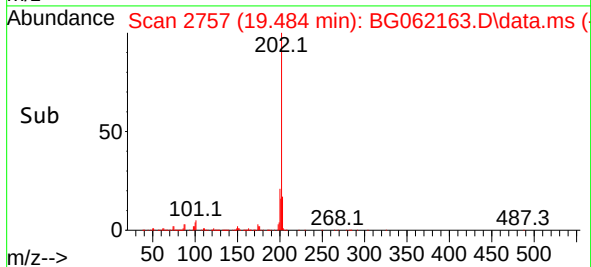
07/25/2024

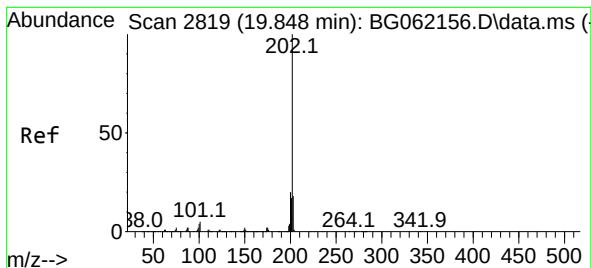


#80  
Fluoranthene  
Concen: 32.485 ng/ul  
RT: 19.484 min Scan# 2757  
Delta R.T. 0.000 min  
Lab File: BG062163.D  
Acq: 22 Jul 2024 16:03



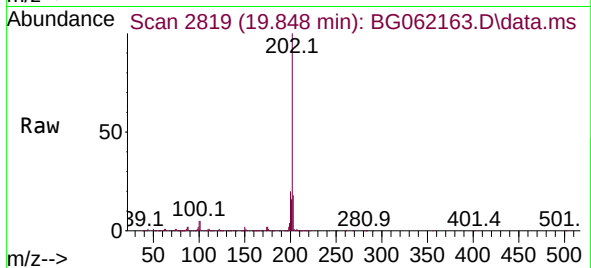
Tgt Ion:202 Resp: 745339  
Ion Ratio Lower Upper  
202 100  
101 4.8 4.2 6.2  
100 4.2 3.1 4.7





#82  
Pyrene  
Concen: 15.107 ng/ul  
RT: 19.848 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BG062163.D  
Acq: 22 Jul 2024 16:03

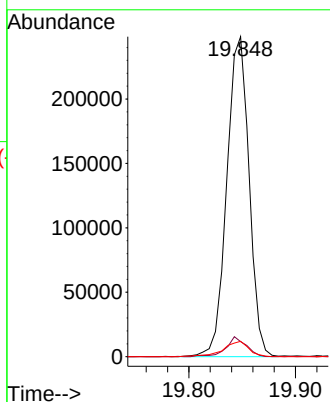
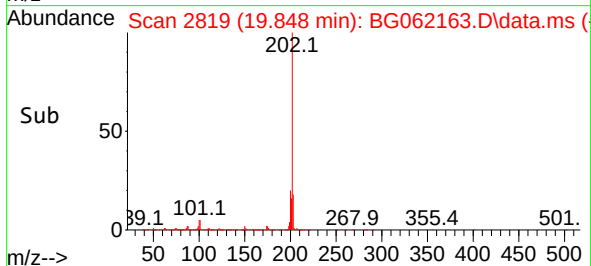
Instrument :  
BNA\_G  
ClientSampleId :  
A4DK8DL



Tgt Ion:202 Resp: 360409  
Ion Ratio Lower Upper  
202 100  
101 4.7 4.2 6.4  
100 4.8 4.0 6.0

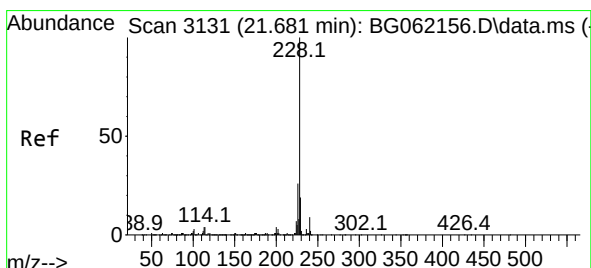
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



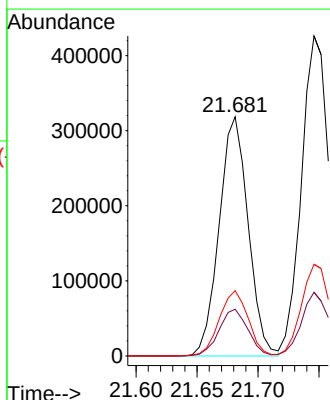
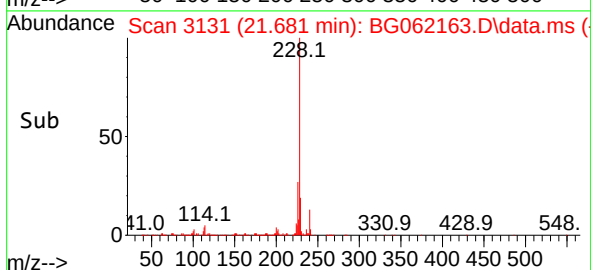
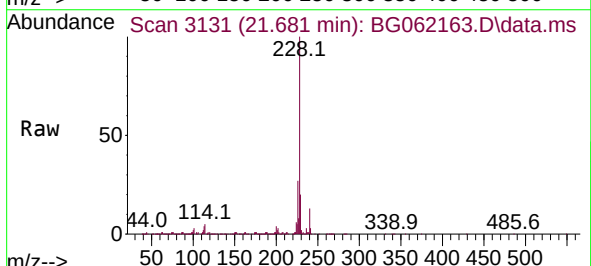
07/23/2024  
Supervised By :mohammad  
ahmed

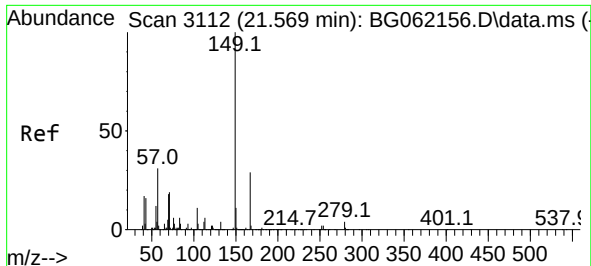
07/25/2024



#85  
Benzo(a)anthracene  
Concen: 21.322 ng/ul  
RT: 21.681 min Scan# 3131  
Delta R.T. 0.000 min  
Lab File: BG062163.D  
Acq: 22 Jul 2024 16:03

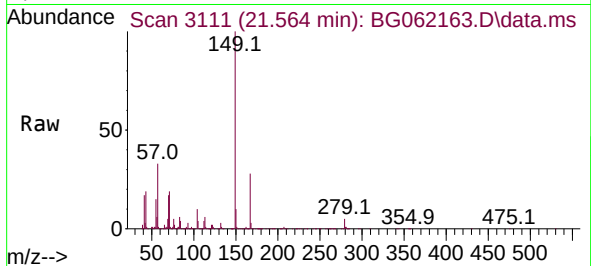
Tgt Ion:228 Resp: 527933  
Ion Ratio Lower Upper  
228 100  
229 19.5 15.4 23.2  
226 27.3 20.9 31.3





#86  
Bis(2-ethylhexyl)phthalate  
Concen: 40.331 ng/ul  
RT: 21.564 min Scan# 3111  
Delta R.T. -0.006 min  
Lab File: BG062163.D  
Acq: 22 Jul 2024 16:03

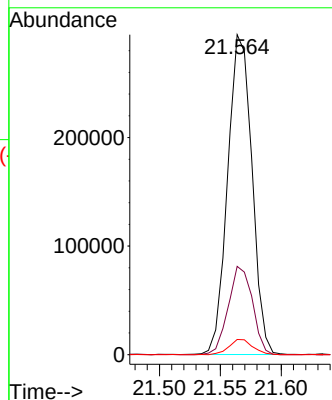
Instrument :  
BNA\_G  
ClientSampleId :  
A4DK8DL



Tgt Ion:149 Resp: 409290  
Ion Ratio Lower Upper  
149 100  
167 27.6 20.2 30.2  
279 4.8 3.8 5.8

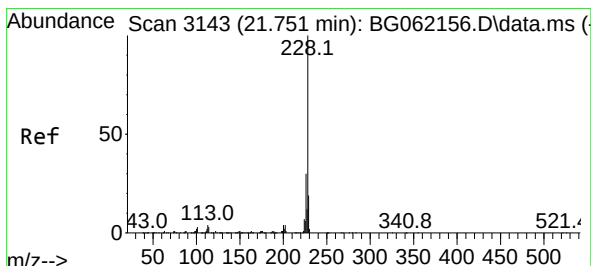
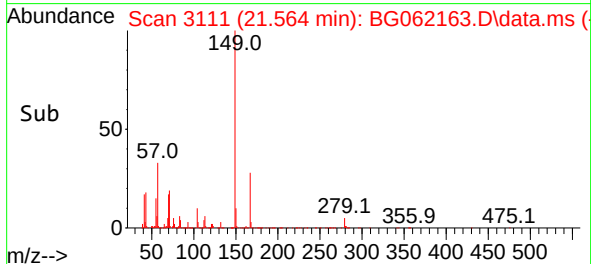
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



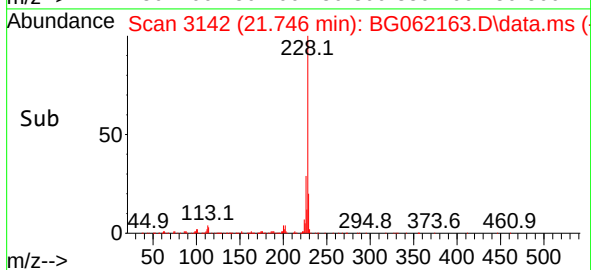
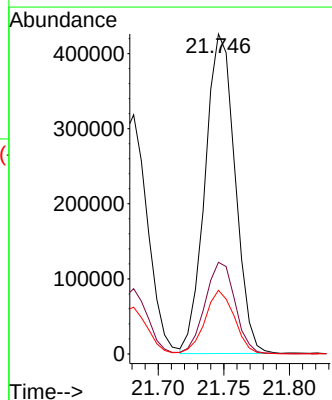
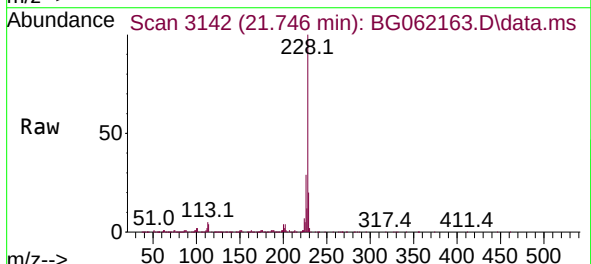
07/23/2024  
Supervised By :mohammad  
ahmed

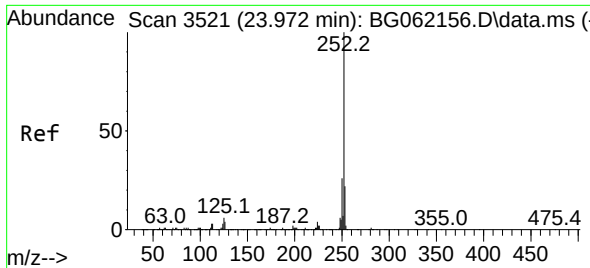
07/25/2024



#87  
Chrysene  
Concen: 29.717 ng/ul  
RT: 21.746 min Scan# 3142  
Delta R.T. -0.006 min  
Lab File: BG062163.D  
Acq: 22 Jul 2024 16:03

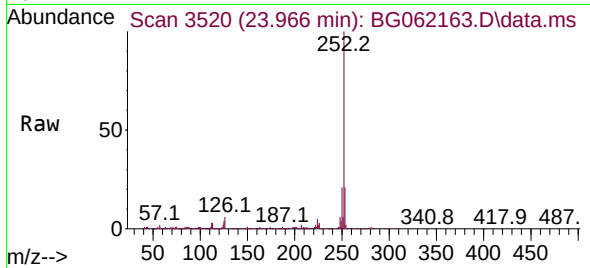
Tgt Ion:228 Resp: 676449  
Ion Ratio Lower Upper  
228 100  
226 28.7 24.0 36.0  
229 19.9 15.4 23.0





#91  
Benzo(k)fluoranthene  
Concen: 29.147 ng/ul  
RT: 23.966 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BG062163.D  
Acq: 22 Jul 2024 16:03

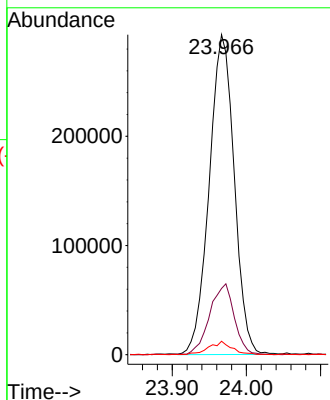
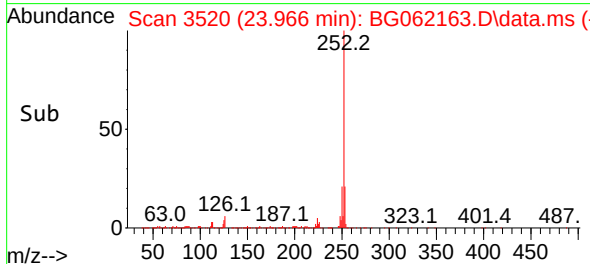
Instrument :  
BNA\_G  
ClientSampleId :  
A4DK8DL



Tgt Ion:252 Resp: 686120  
Ion Ratio Lower Upper  
252 100  
253 20.7 18.2 27.2  
125 4.2 2.7 4.1

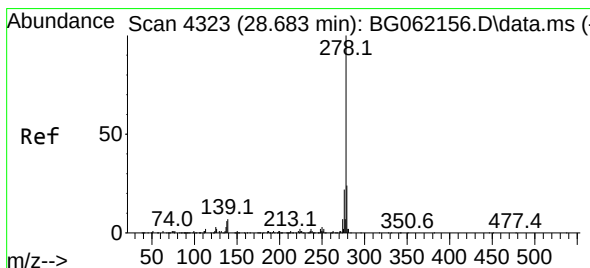
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel

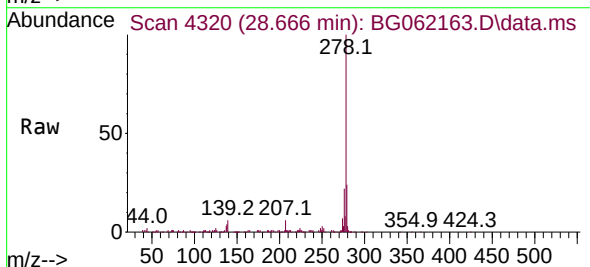


07/23/2024  
Supervised By :mohammad  
ahmed

07/25/2024



#95  
Dibenzo(a,h)anthracene  
Concen: 19.955 ng/ul m  
RT: 28.666 min Scan# 4320  
Delta R.T. -0.017 min  
Lab File: BG062163.D  
Acq: 22 Jul 2024 16:03



Tgt Ion:278 Resp: 419870  
Ion Ratio Lower Upper  
278 100  
139 5.5 4.7 7.1  
279 24.3 18.9 28.3

