

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060624\  
 Data File : BG061521.D  
 Acq On : 6 Jun 2024 22:31  
 Operator : MA/JU  
 Sample : P2739-04MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 E0005MSD

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024  
 Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 06 23:36:51 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 06 12:15:45 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.879  | 152  | 28819    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.670 | 136  | 100473   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.512 | 164  | 70280    | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.262 | 188  | 161746   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.522 | 240  | 171506   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.612 | 264  | 192304   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.360  | 96   | 2956m    | 5.740  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.772  | 84   | 23378    | 12.761 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.068  | 99   | 68602    | 28.987 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.209  | 67   | 43716    | 29.388 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.420  | 132  | 57747    | 32.970 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.601  | 113  | 53646    | 26.584 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.036  | 128  | 29325    | 37.909 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.759  | 143  | 33523    | 37.028 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.305 | 165  | 66537    | 37.698 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.805 | 131  | 65448    | 28.344 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.919 | 166  | 192873   | 35.385 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.201 | 160  | 211207   | 37.271 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.759 | 143  | 19731    | 29.279 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.505 | 176  | 171014   | 36.340 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.652 | 200  | 27794    | 28.411 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.362 | 188  | 276857   | 38.825 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.653 | 212  | 294536   | 33.447 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.406 | 264  | 256758   | 27.772 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.396  | 88   | 8805     | 14.246 | ng/uL  | 91       |
| 5) Pyridine                   | 3.795  | 79   | 37593    | 20.746 | ng/u1  | 88       |
| 6) Benzaldehyde               | 7.027  | 77   | 51895    | 41.936 | ng/u1  | 90       |
| 8) Phenol                     | 7.097  | 94   | 84804    | 35.169 | ng/u1  | 96       |
| 10) Bis(2-Chloroethyl)ether   | 7.303  | 93   | 62177    | 35.252 | ng/u1  | 89       |
| 12) 2-Chlorophenol            | 7.456  | 128  | 70857    | 38.280 | ng/u1  | 94       |
| 13) 2-Methylphenol            | 8.337  | 108  | 58366    | 31.232 | ng/u1  | 97       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.402  | 45   | 136566   | 28.670 | ng/u1# | 91       |
| 16) Acetophenone              | 8.701  | 105  | 116129   | 33.719 | ng/u1  | 94       |
| 17) N-Nitroso-di-n-propyla... | 8.684  | 70   | 54382    | 28.718 | ng/u1# | 90       |
| 18) 4-Methylphenol            | 8.666  | 108  | 66412    | 32.075 | ng/u1  | 98       |
| 19) Hexachloroethane          | 8.954  | 117  | 25686    | 31.188 | ng/u1  | 88       |
| 22) Nitrobenzene              | 9.077  | 77   | 86154    | 40.606 | ng/u1  | 98       |
| 23) Isophorone                | 9.600  | 82   | 152464   | 35.326 | ng/u1  | 98       |
| 25) 2-Nitrophenol             | 9.788  | 139  | 42596    | 43.347 | ng/u1  | 98       |
| 26) 2,4-Dimethylphenol        | 9.859  | 107  | 31679    | 16.270 | ng/u1  | 89       |
| 27) Bis(2-Chloroethoxy)met... | 10.076 | 93   | 84512    | 39.063 | ng/u1# | 98       |
| 29) 2,4-Dichlorophenol        | 10.335 | 162  | 73580    | 45.262 | ng/u1  | 95       |
| 30) Naphthalene               | 10.722 | 128  | 223330   | 42.113 | ng/u1  | 100      |
| 32) 4-Chloroaniline           | 10.834 | 127  | 72090    | 31.416 | ng/u1  | 99       |
| 33) Hexachlorobutadiene       | 10.999 | 225  | 77922    | 49.039 | ng/u1  | 94       |
| 34) Caprolactam               | 11.604 | 113  | 20449m   | 32.879 | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 11.980 | 107  | 74294    | 35.353 | ng/u1  | 96       |
| 36) 2-Methylnaphthalene       | 12.332 | 142  | 154356   | 40.136 | ng/u1  | 95       |

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 Sample : P2739-04MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 E0005MSD

Manual Integrations  
 APPROVED

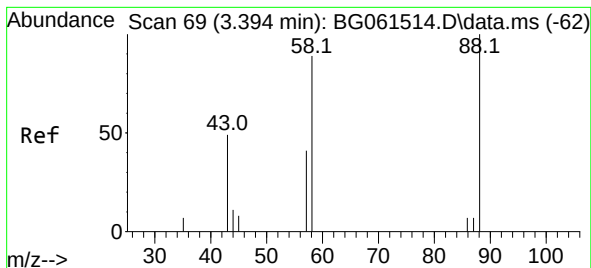
Reviewed By :Jagrut Upadhyay 06/07/2024  
 Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 06 23:36:51 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 06 12:15:45 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.550 | 142  | 156466   | 39.644 | ng/ul  | 97       |
| 39) 1,2,4,5-Tetrachloroben... | 12.702 | 216  | 124389   | 53.608 | ng/ul  | 98       |
| 40) Hexachlorocyclopentadiene | 12.679 | 237  | 8472     | 8.089  | ng/ul  | 90       |
| 41) 2,4,6-Trichlorophenol     | 12.949 | 196  | 67595    | 51.719 | ng/ul  | 95       |
| 42) 2,4,5-Trichlorophenol     | 13.037 | 196  | 73053    | 53.078 | ng/ul  | 95       |
| 43) 1,1'-Biphenyl             | 13.343 | 154  | 212942   | 46.857 | ng/ul  | 99       |
| 44) 2-Chloronaphthalene       | 13.384 | 162  | 171336   | 47.908 | ng/ul  | 99       |
| 45) 2-Nitroaniline            | 13.596 | 65   | 58316    | 39.508 | ng/ul# | 88       |
| 47) Dimethylphthalate         | 13.966 | 163  | 227472   | 40.040 | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene        | 14.095 | 165  | 45874    | 41.176 | ng/ul  | 97       |
| 50) Acenaphthylene            | 14.230 | 152  | 267701   | 42.601 | ng/ul  | 100      |
| 51) 3-Nitroaniline            | 14.424 | 138  | 41605    | 43.031 | ng/ul  | 94       |
| 52) Acenaphthene              | 14.577 | 153  | 178219   | 43.235 | ng/ul  | 96       |
| 53) 2,4-Dinitrophenol         | 14.653 | 184  | 15894m   | 26.903 | ng/ul  |          |
| 55) 4-Nitrophenol             | 14.771 | 109  | 29022    | 36.630 | ng/ul  | 96       |
| 56) Dibenzofuran              | 14.912 | 168  | 257492   | 43.688 | ng/ul  | 97       |
| 57) 2,4-Dinitrotoluene        | 14.894 | 165  | 69908    | 41.243 | ng/ul  | 97       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.153 | 232  | 60711    | 48.364 | ng/ul  | 95       |
| 59) Diethylphthalate          | 15.329 | 149  | 214391   | 38.215 | ng/ul  | 99       |
| 61) Fluorene                  | 15.564 | 166  | 211718   | 41.517 | ng/ul  | 98       |
| 62) 4-Chlorophenyl-phenyle... | 15.552 | 204  | 127695   | 42.696 | ng/ul  | 98       |
| 63) 4-Nitroaniline            | 15.593 | 138  | 43930    | 43.624 | ng/ul  | 96       |
| 66) 4,6-Dinitro-2-methylph... | 15.670 | 198  | 35764    | 34.884 | ng/ul# | 91       |
| 67) N-Nitrosodiphenylamine    | 15.769 | 169  | 187097   | 46.022 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.445 | 248  | 93514    | 48.795 | ng/ul  | 99       |
| 69) Hexachlorobenzene         | 16.574 | 284  | 82659    | 38.803 | ng/ul  | 97       |
| 70) Atrazine                  | 16.721 | 200  | 65660    | 40.811 | ng/ul  | 98       |
| 71) Pentachlorophenol         | 16.927 | 266  | 30171m   | 40.694 | ng/ul  |          |
| 72) Phenanthrene              | 17.303 | 178  | 373494   | 47.576 | ng/ul  | 98       |
| 74) Anthracene                | 17.397 | 178  | 353759   | 43.582 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.313 | 216  | 117899   | 55.144 | ng/uL  | 96       |
| 76) Pentachlorobenzene        | 14.835 | 250  | 117382   | 49.657 | ng/uL  | 96       |
| 77) Carbazole                 | 17.667 | 167  | 271181   | 41.075 | ng/ul  | 100      |
| 78) Di-n-butylphthalate       | 18.225 | 149  | 363314   | 43.918 | ng/ul  | 100      |
| 80) Fluoranthene              | 19.324 | 202  | 546425   | 51.725 | ng/ul  | 98       |
| 82) Pyrene                    | 19.688 | 202  | 464200   | 42.333 | ng/ul  | 98       |
| 83) Butylbenzylphthalate      | 20.570 | 149  | 165616   | 43.965 | ng/ul  | 98       |
| 84) 3,3'-Dichlorobenzidine    | 21.416 | 252  | 125468   | 34.465 | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.504 | 228  | 578887   | 48.917 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.404 | 149  | 237872   | 42.660 | ng/ul  | 99       |
| 87) Chrysene                  | 21.563 | 228  | 539245   | 49.488 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.567 | 149  | 415840   | 43.223 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.637 | 252  | 581560   | 50.793 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 23.701 | 252  | 552036   | 47.493 | ng/ul  | 95       |
| 93) Benzo(a)pyrene            | 24.465 | 252  | 283063   | 26.035 | ng/ul  | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 28.126 | 276  | 483400   | 36.766 | ng/ul# | 97       |
| 95) Dibenzo(a,h)anthracene    | 28.178 | 278  | 492704   | 45.448 | ng/ul  | 100      |
| 96) Benzo(g,h,i)perylene      | 29.218 | 276  | 49768m   | 4.758  | ng/ul  |          |

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





#2

1,4-Dioxane

Concen: 14.246 ng/uL

RT: 3.396 min Scan# 69

Delta R.T. 0.002 min

Lab File: BG061521.D

Acq: 6 Jun 2024 22:31

Instrument :

BNA\_G

ClientSampleId :

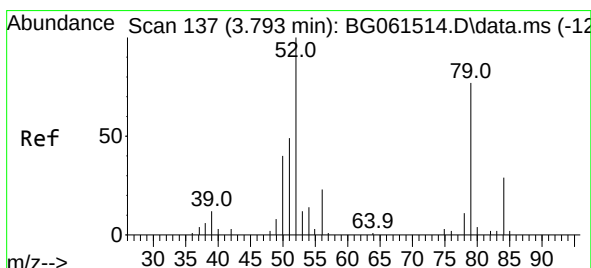
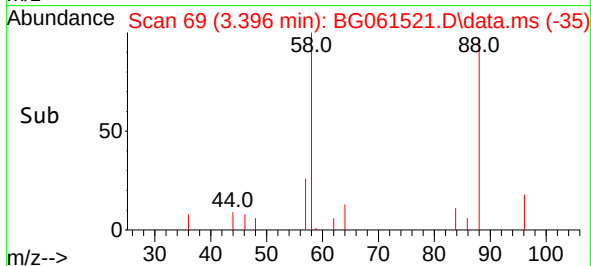
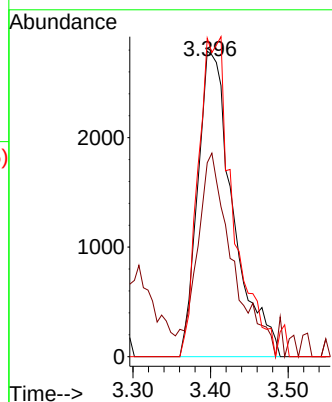
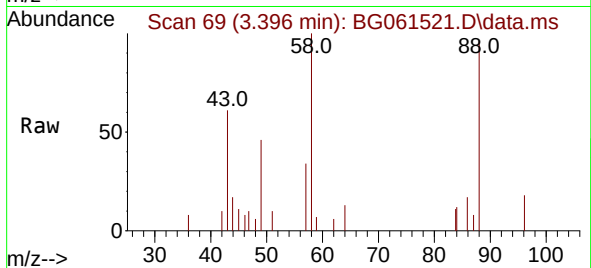
E0005MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 880   |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 63.5  | 44.6  | 67.0  |
| 58       | 104.2 | 90.3  | 135.5 |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024  
Supervised By :mohammad ahmed 06/08/2024



#5

Pyridine

Concen: 20.746 ng/uL

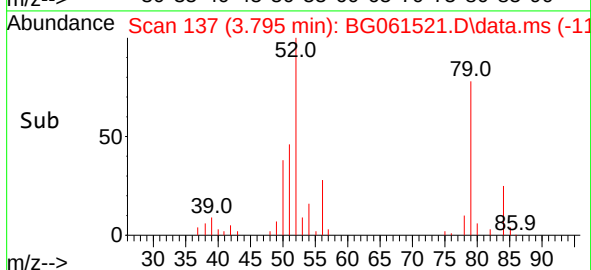
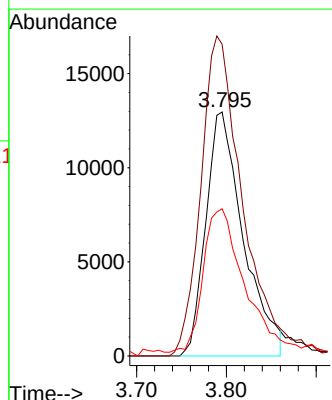
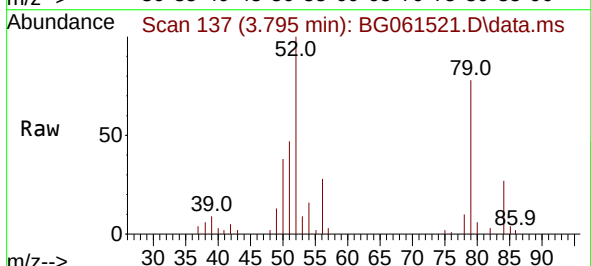
RT: 3.795 min Scan# 137

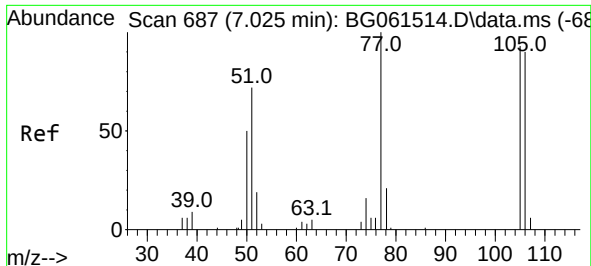
Delta R.T. 0.014 min

Lab File: BG061521.D

Acq: 6 Jun 2024 22:31

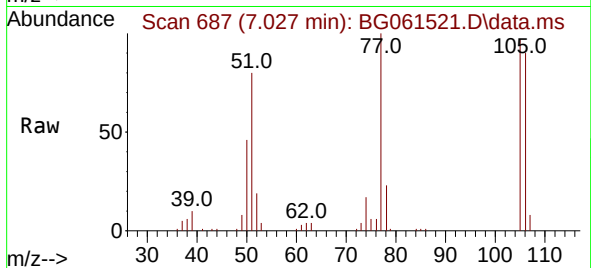
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 79    | Resp: | 37593 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 52       | 127.7 | 116.3 | 174.5 |
| 51       | 60.4  | 52.1  | 78.1  |





#6  
Benzaldehyde  
Concen: 41.936 ng/ul  
RT: 7.027 min Scan# 687  
Delta R.T. 0.002 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

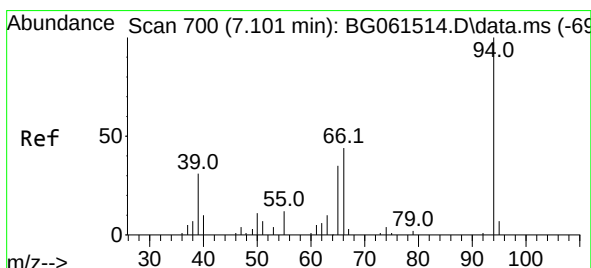
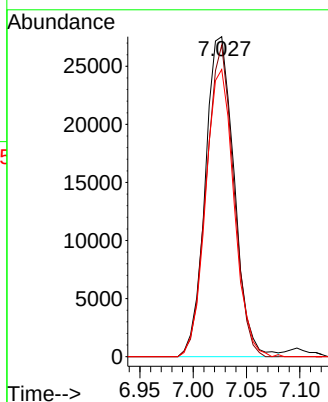
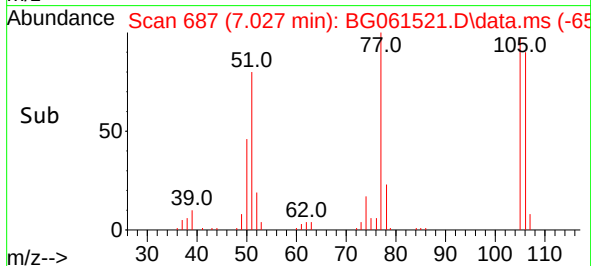
Instrument :  
BNA\_G  
ClientSampleId :  
E0005MSD



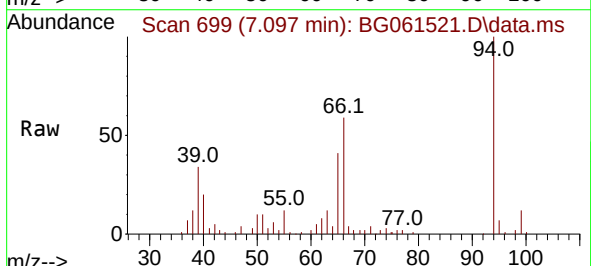
Tgt Ion: 77 Resp: 5189  
Ion Ratio Lower Upper  
77 100  
105 97.4 71.0 106.6  
106 89.8 63.4 95.2

Manual Integrations  
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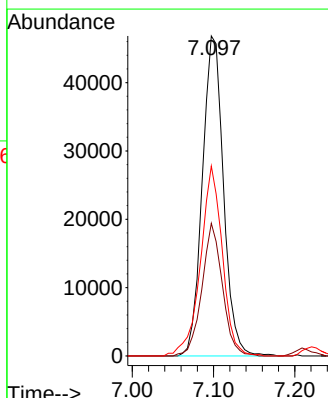
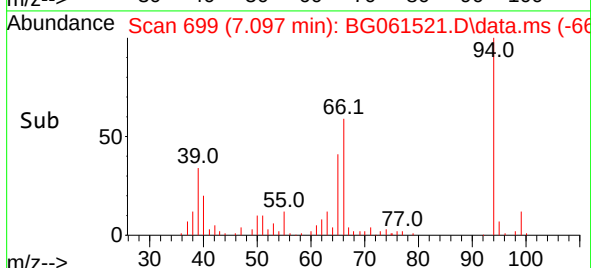
Reviewed By :Jagrut Upadhyay 06/07/2024  
Supervised By :mohammad ahmed 06/08/2024

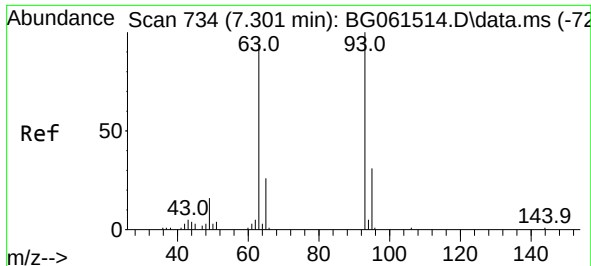


#8  
Phenol  
Concen: 35.169 ng/ul  
RT: 7.097 min Scan# 699  
Delta R.T. 0.002 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31



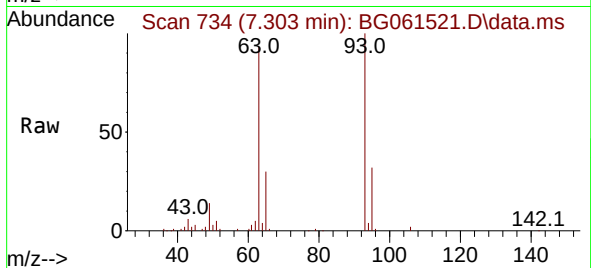
Tgt Ion: 94 Resp: 84804  
Ion Ratio Lower Upper  
94 100  
65 41.5 35.0 52.4  
66 59.4 50.3 75.5





#10  
 Bis(2-Chloroethyl)ether  
 Concen: 35.252 ng/ul  
 RT: 7.303 min Scan# 71  
 Delta R.T. 0.002 min  
 Lab File: BG061521.D  
 Acq: 6 Jun 2024 22:31

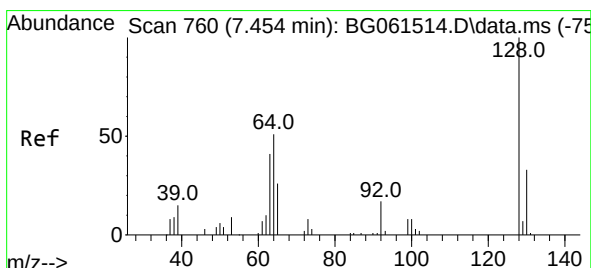
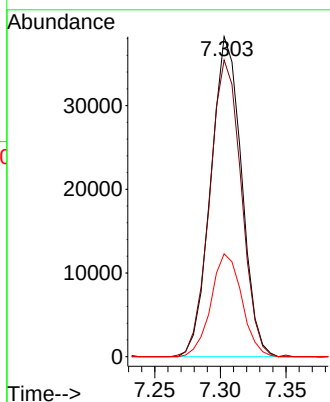
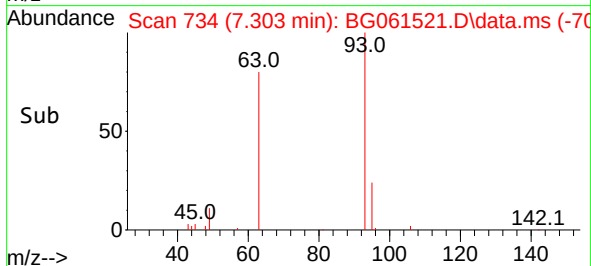
Instrument :  
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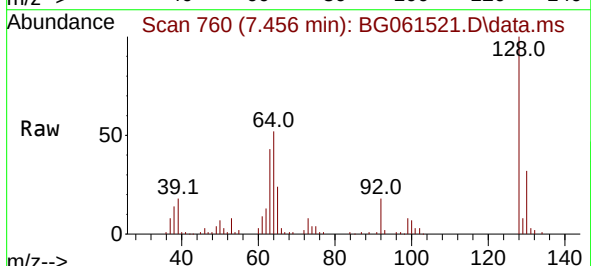
Tgt Ion: 93 Resp: 6217  
 Ion Ratio Lower Upper  
 93 100  
 63 92.7 86.2 129.2  
 95 32.2 25.8 38.8

Manual Integrations  
 APPROVED

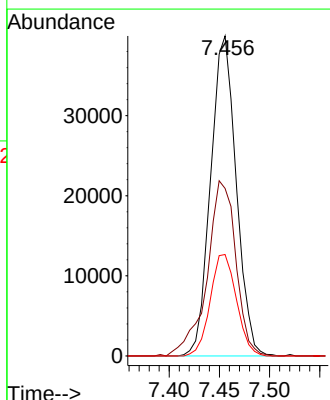
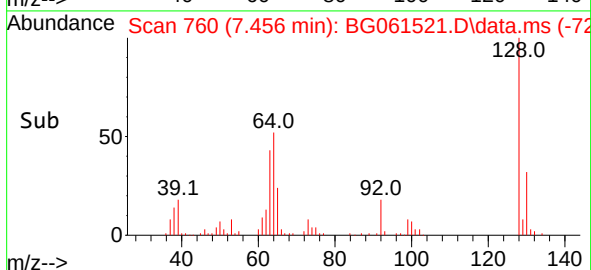
Reviewed By :Jagrut Upadhyay 06/07/2024  
 Supervised By :mohammad ahmed 06/08/2024

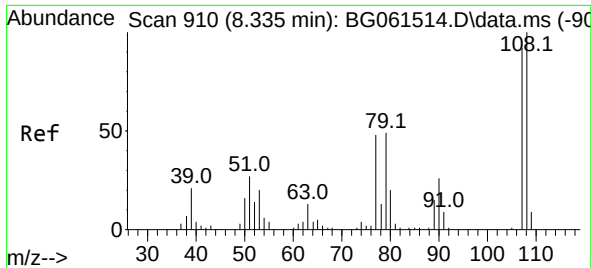


#12  
 2-Chlorophenol  
 Concen: 38.280 ng/ul  
 RT: 7.456 min Scan# 760  
 Delta R.T. 0.002 min  
 Lab File: BG061521.D  
 Acq: 6 Jun 2024 22:31



Tgt Ion:128 Resp: 70857  
 Ion Ratio Lower Upper  
 128 100  
 64 52.4 46.9 70.3  
 130 31.7 25.8 38.8





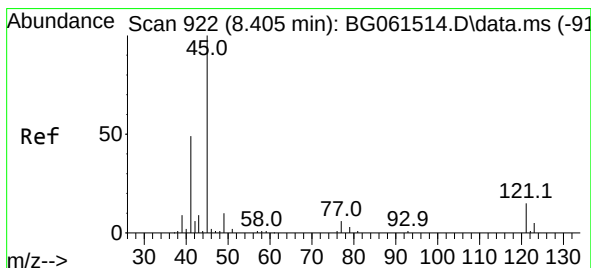
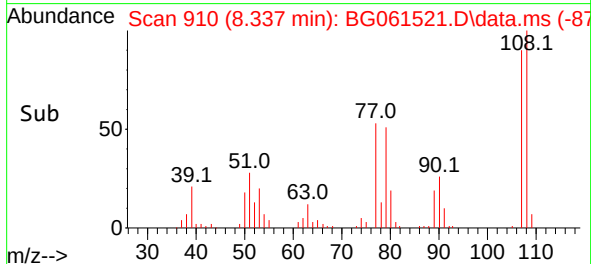
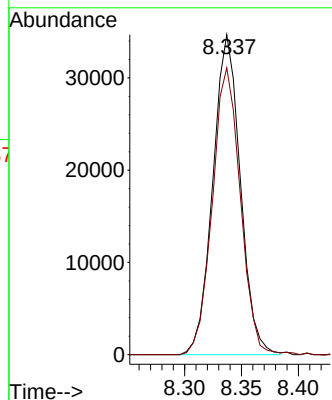
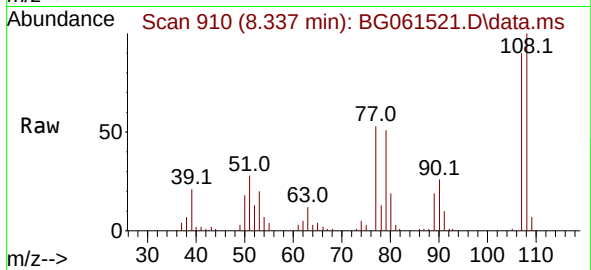
#13  
2-Methylphenol  
Concen: 31.232 ng/ul  
RT: 8.337 min Scan# 910  
Delta R.T. 0.002 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

Instrument :  
BNA\_G  
ClientSampleId :  
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Tgt Ion:108 Resp: 58360  
Ion Ratio Lower Upper  
108 100  
107 89.6 69.5 104.3

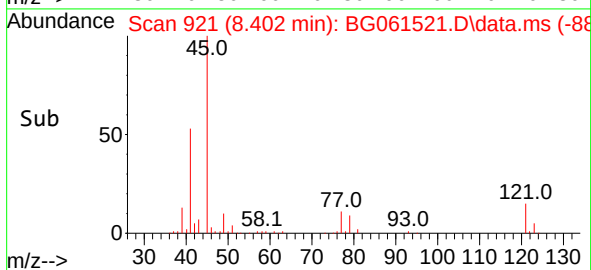
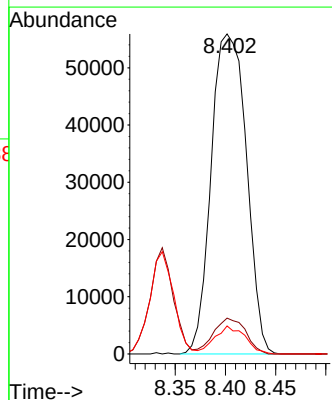
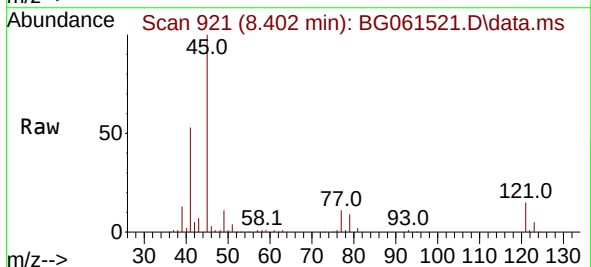
Manual Integrations  
APPROVED

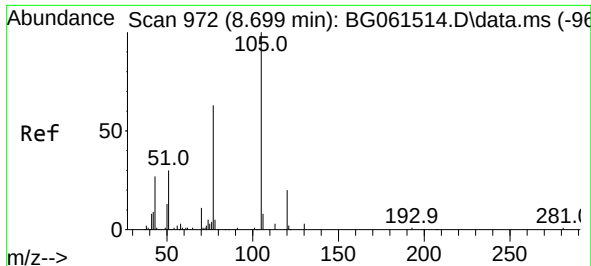
Reviewed By :Jagrut Upadhyay 06/07/2024  
Supervised By :mohammad ahmed 06/08/2024



#14  
2,2'-oxybis(1-Chloropropane)  
Concen: 28.670 ng/ul  
RT: 8.402 min Scan# 921  
Delta R.T. 0.002 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

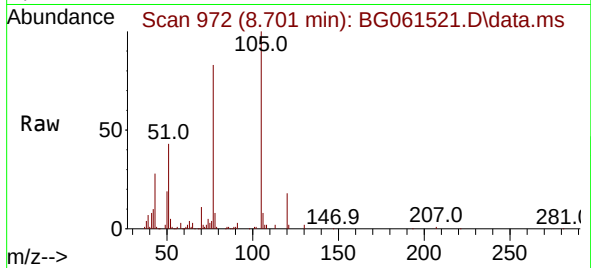
Tgt Ion: 45 Resp: 136566  
Ion Ratio Lower Upper  
45 100  
77 11.2 6.2 9.2#  
79 8.8 4.6 7.0#





#16  
Acetophenone  
Concen: 33.719 ng/ul  
RT: 8.701 min Scan# 972  
Delta R.T. 0.002 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

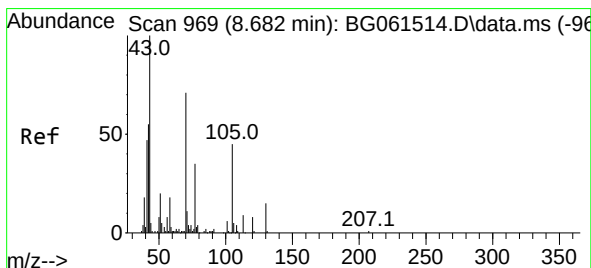
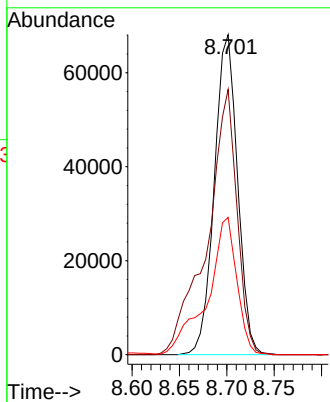
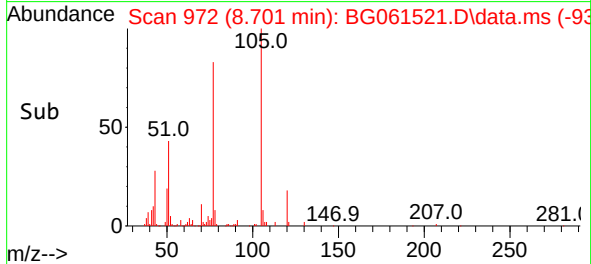
Instrument :  
BNA\_G  
ClientSampleId :  
E0005MSD



Tgt Ion: 105 Resp: 116129  
Ion Ratio Lower Upper  
105 100  
77 82.9 70.4 105.6  
51 42.9 38.4 57.6

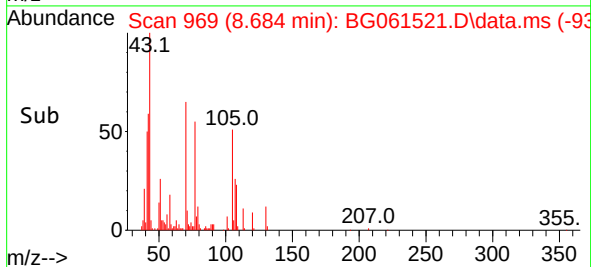
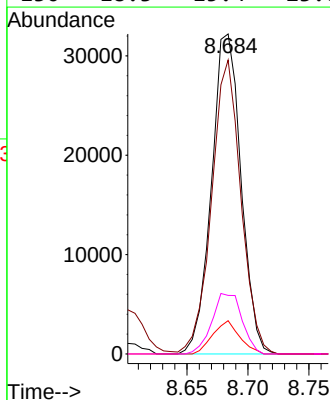
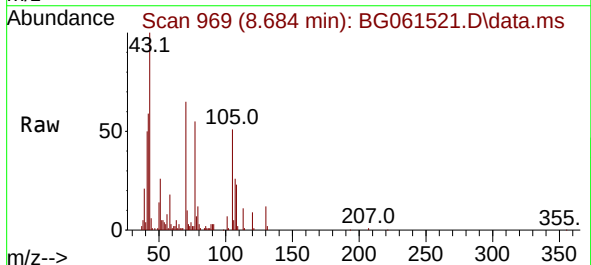
Manual Integrations  
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Reviewed By :Jagrut Upadhyay 06/07/2024  
Supervised By :mohammad ahmed 06/08/2024

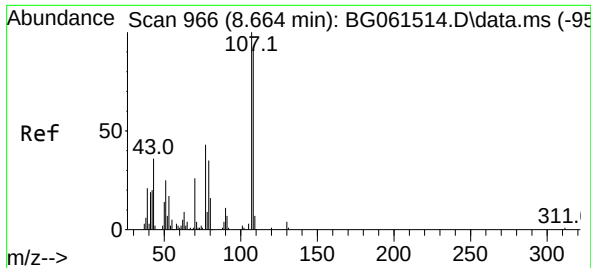


#17  
N-Nitroso-di-n-propylamine  
Concen: 28.718 ng/ul  
RT: 8.684 min Scan# 969  
Delta R.T. 0.002 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

Tgt Ion: 70 Resp: 54382  
Ion Ratio Lower Upper  
70 100  
42 91.8 83.2 124.8  
101 10.4 6.6 9.8#  
130 18.3 15.4 23.0







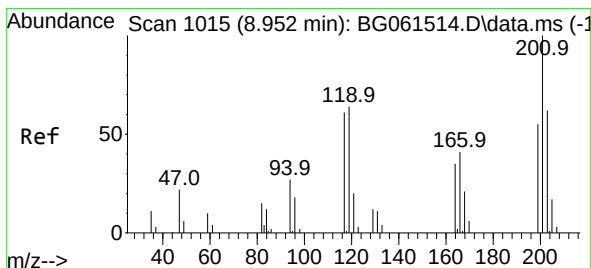
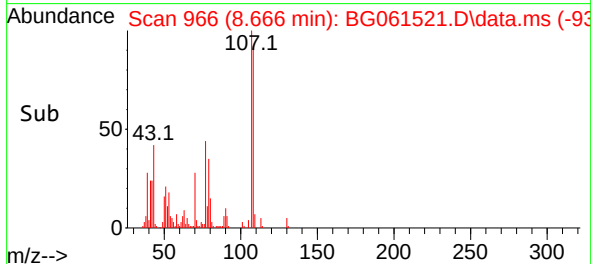
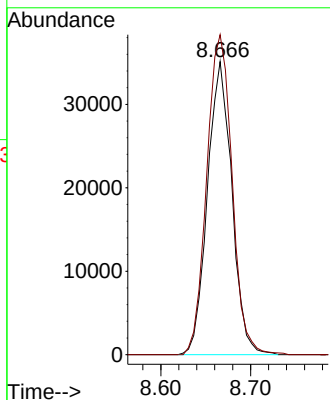
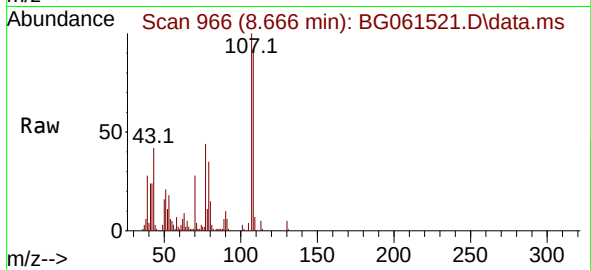
#18  
4-Methylphenol  
Concen: 32.075 ng/ul  
RT: 8.666 min Scan# 90  
Delta R.T. 0.002 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

Instrument :  
BNA\_G  
ClientSampleId :  
E0005MSD

Tgt Ion:108 Resp: 6641  
Ion Ratio Lower Upper  
108 100  
107 109.2 89.3 133.9

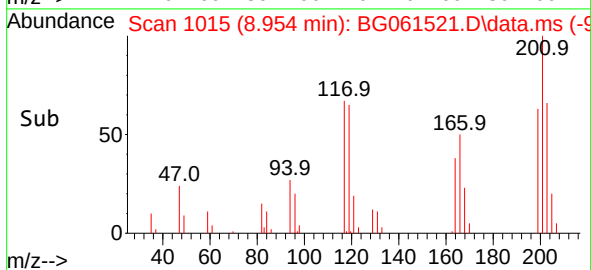
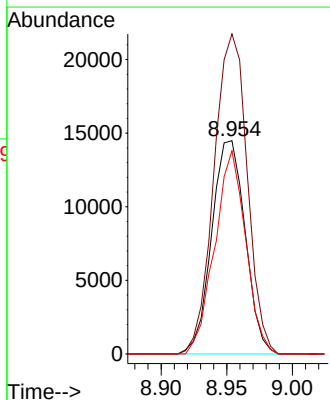
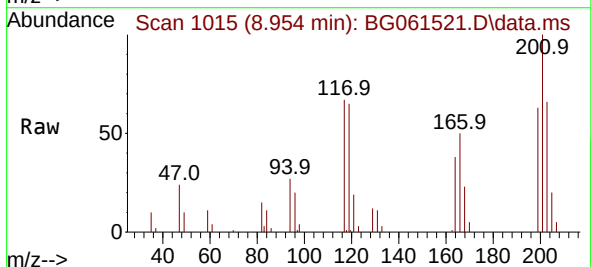
Manual Integrations  
APPROVED

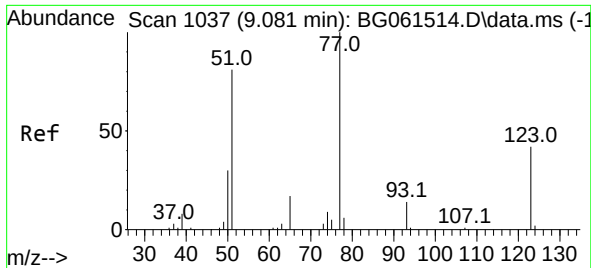
Reviewed By :Jagrut Upadhyay 06/07/2024  
Supervised By :mohammad ahmed 06/08/2024



#19  
Hexachloroethane  
Concen: 31.188 ng/ul  
RT: 8.954 min Scan# 1015  
Delta R.T. 0.002 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

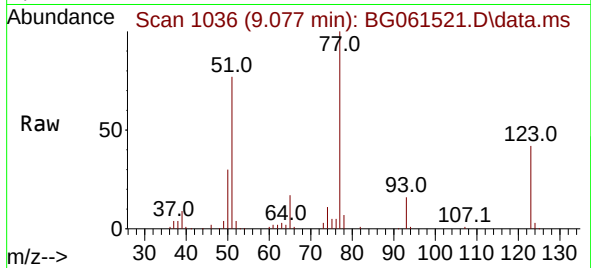
Tgt Ion:117 Resp: 25686  
Ion Ratio Lower Upper  
117 100  
201 150.0 110.8 166.2  
199 95.2 65.1 97.7





#22  
Nitrobenzene  
Concen: 40.606 ng/ul  
RT: 9.077 min Scan# 1036  
Delta R.T. -0.003 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

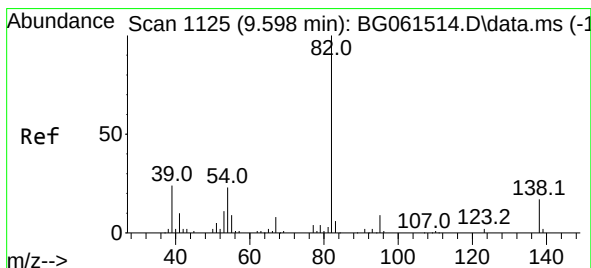
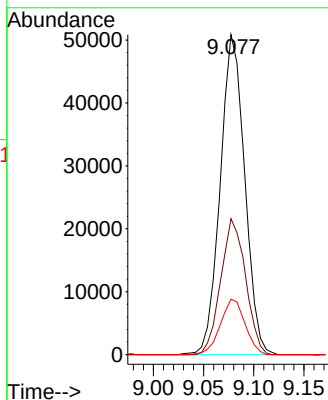
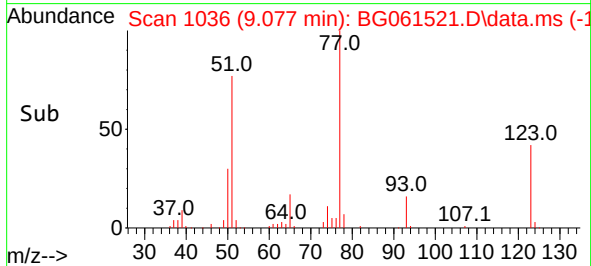
Instrument :  
BNA\_G  
ClientSampleId :  
E0005MSD



Tgt Ion: 77 Resp: 86154  
Ion Ratio Lower Upper  
77 100  
123 42.5 32.7 49.1  
65 17.3 14.2 21.2

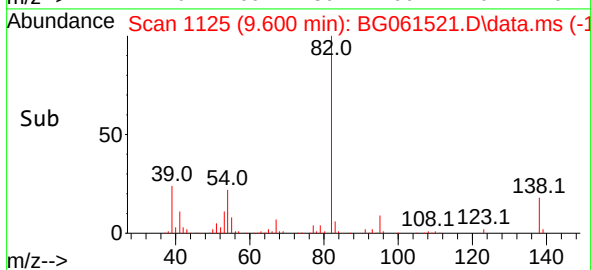
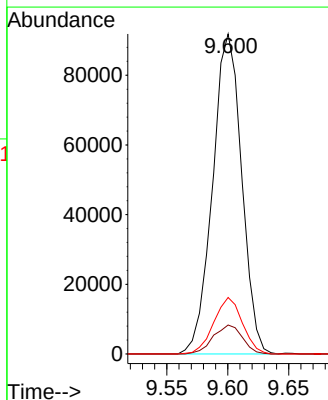
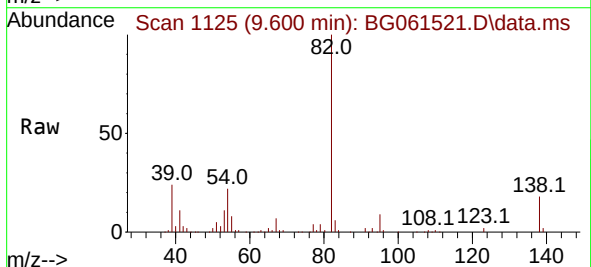
Manual Integrations  
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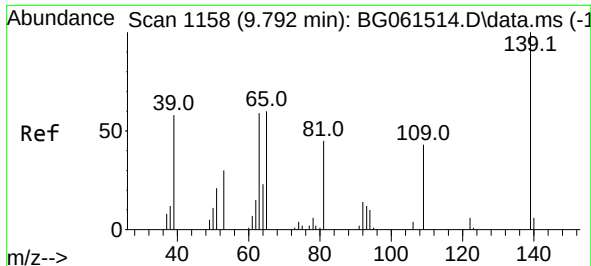
Reviewed By :Jagrut Upadhyay 06/07/2024  
Supervised By :mohammad ahmed 06/08/2024



#23  
Isophorone  
Concen: 35.326 ng/ul  
RT: 9.600 min Scan# 1125  
Delta R.T. 0.002 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

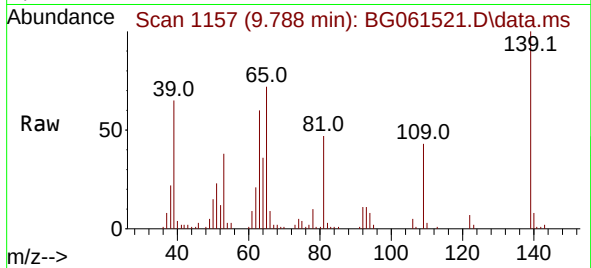
Tgt Ion: 82 Resp: 152464  
Ion Ratio Lower Upper  
82 100  
95 9.0 6.9 10.3  
138 17.7 13.5 20.3





#25  
2-Nitrophenol  
Concen: 43.347 ng/ul  
RT: 9.788 min Scan# 1157  
Delta R.T. -0.003 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

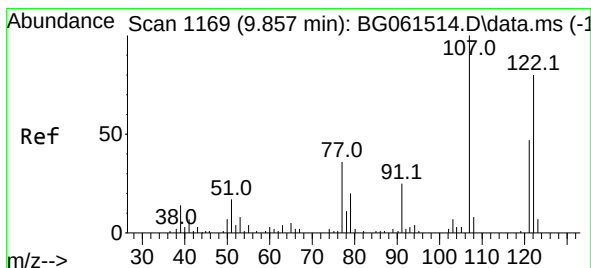
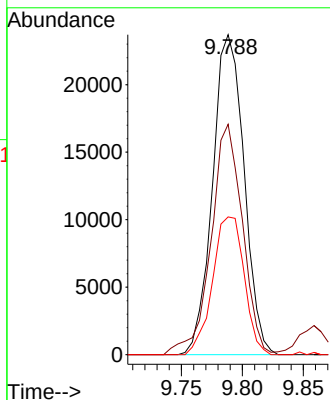
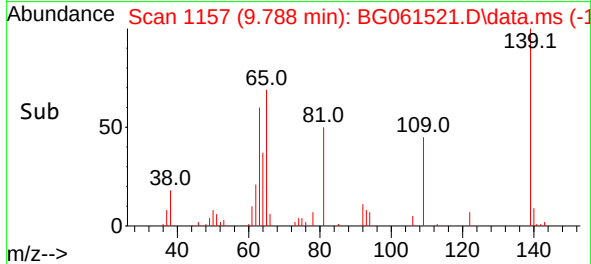
Instrument :  
BNA\_G  
ClientSampleId :  
E0005MSD



Tgt Ion:139 Resp: 42590  
Ion Ratio Lower Upper  
139 100  
65 72.0 56.1 84.1  
109 43.0 33.8 50.6

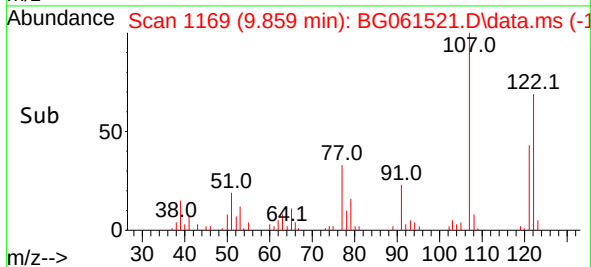
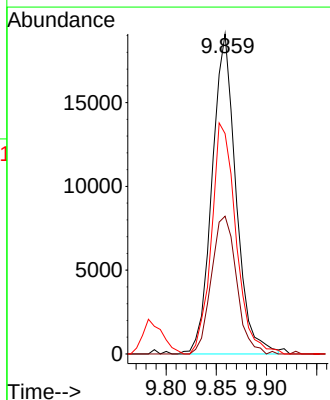
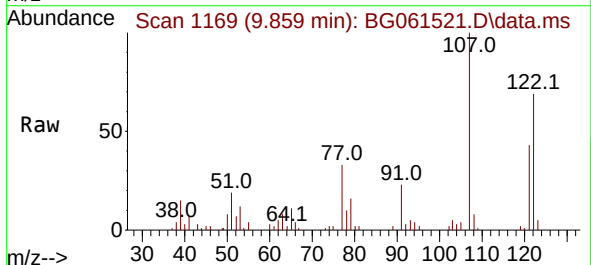
Manual Integrations  
APPROVED

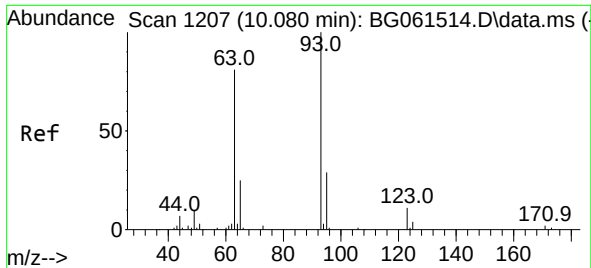
Reviewed By :Jagrut Upadhyay 06/07/2024  
Supervised By :mohammad ahmed 06/08/2024



#26  
2,4-Dimethylphenol  
Concen: 16.270 ng/ul  
RT: 9.859 min Scan# 1169  
Delta R.T. 0.002 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

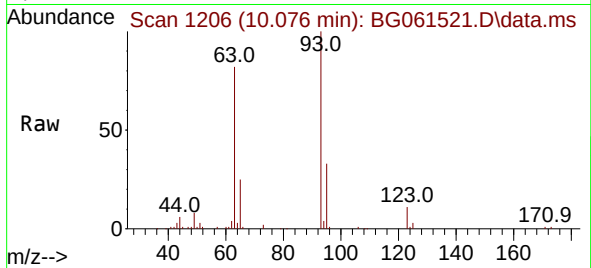
Tgt Ion:107 Resp: 31679  
Ion Ratio Lower Upper  
107 100  
121 43.1 36.4 54.6  
122 68.9 65.8 98.8





#27  
 Bis(2-Chloroethoxy)methane  
 Concen: 39.063 ng/ul  
 RT: 10.076 min Scan# 1206  
 Delta R.T. -0.003 min  
 Lab File: BG061521.D  
 Acq: 6 Jun 2024 22:31

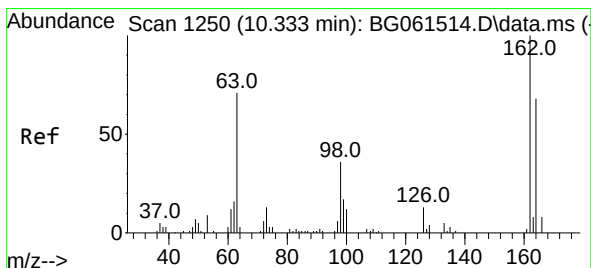
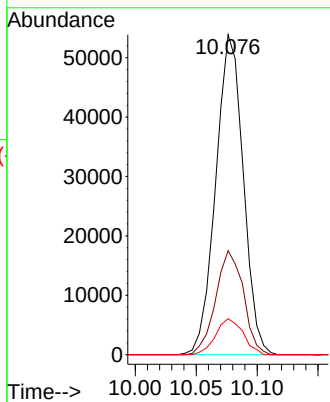
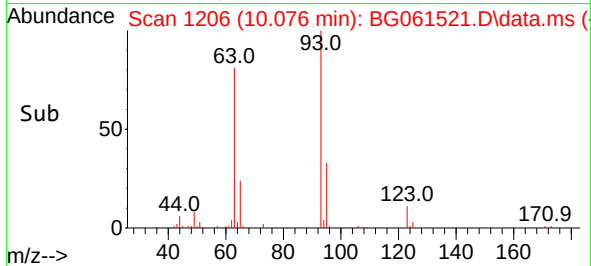
Instrument :  
 BNA\_G  
 ClientSampleId :  
 E0005MSD



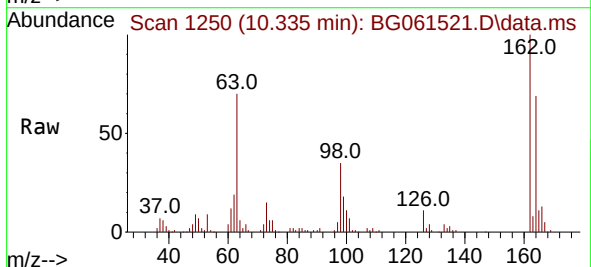
Tgt Ion: 93 Resp: 84512  
 Ion Ratio Lower Upper  
 93 100  
 95 32.5 25.8 38.8  
 123 11.3 7.2 10.8

Manual Integrations  
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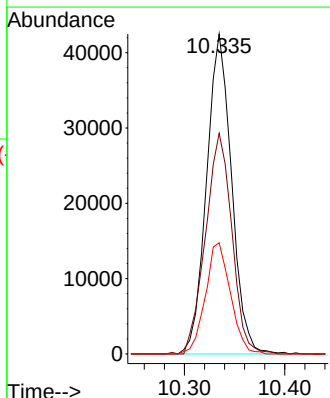
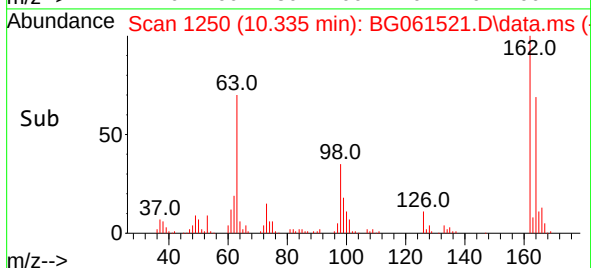
Reviewed By :Jagrut Upadhyay 06/07/2024  
 Supervised By :mohammad ahmed 06/08/2024

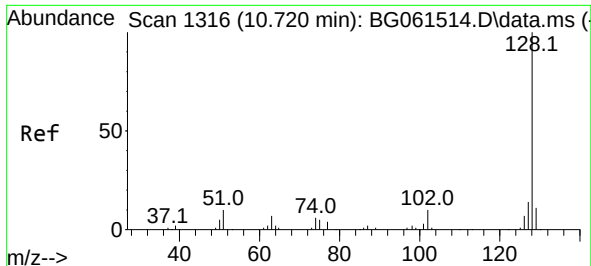


#29  
 2,4-Dichlorophenol  
 Concen: 45.262 ng/ul  
 RT: 10.335 min Scan# 1250  
 Delta R.T. -0.003 min  
 Lab File: BG061521.D  
 Acq: 6 Jun 2024 22:31



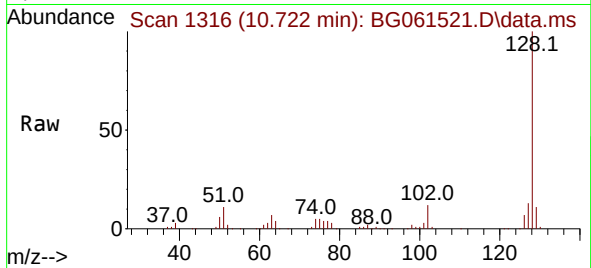
Tgt Ion:162 Resp: 73580  
 Ion Ratio Lower Upper  
 162 100  
 164 69.0 58.4 87.6  
 98 34.8 29.9 44.9





#30  
Naphthalene  
Concen: 42.113 ng/ul  
RT: 10.722 min Scan# 1316  
Delta R.T. 0.002 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

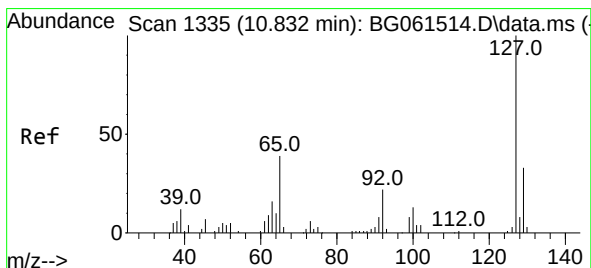
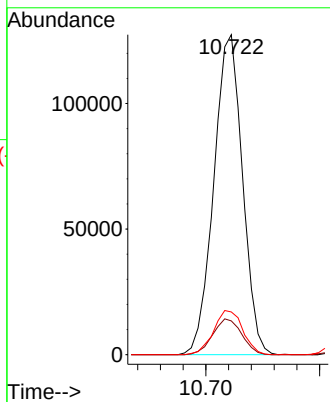
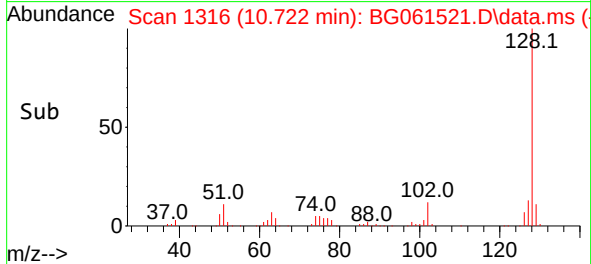
Instrument :  
BNA\_G  
ClientSampleId :  
E0005MSD



Tgt Ion:128 Resp: 223330  
Ion Ratio Lower Upper  
128 100  
129 10.5 8.6 12.8  
127 13.4 10.8 16.2

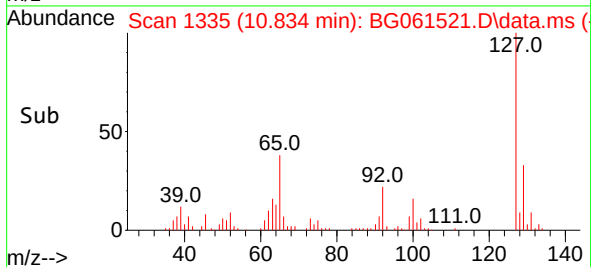
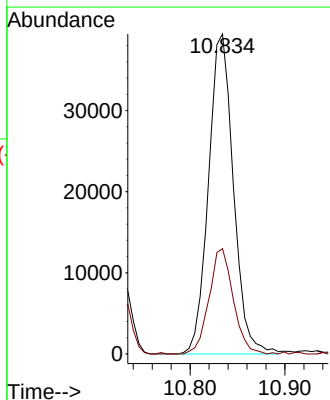
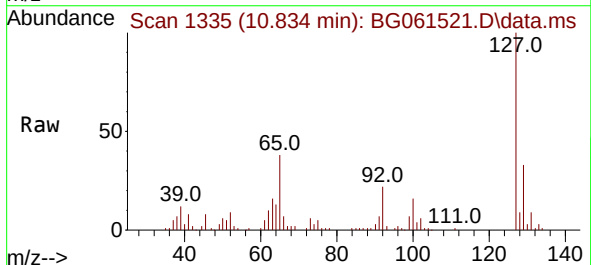
Manual Integrations  
APPROVED

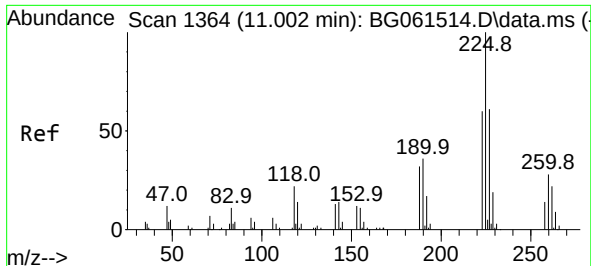
Reviewed By :Jagrut Upadhyay 06/07/2024  
Supervised By :mohammad ahmed 06/08/2024



#32  
4-Chloroaniline  
Concen: 31.416 ng/ul  
RT: 10.834 min Scan# 1335  
Delta R.T. 0.002 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

Tgt Ion:127 Resp: 72090  
Ion Ratio Lower Upper  
127 100  
129 32.9 25.9 38.9





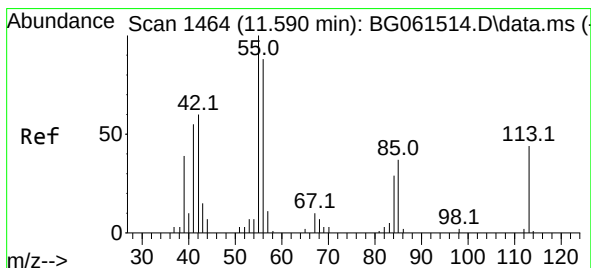
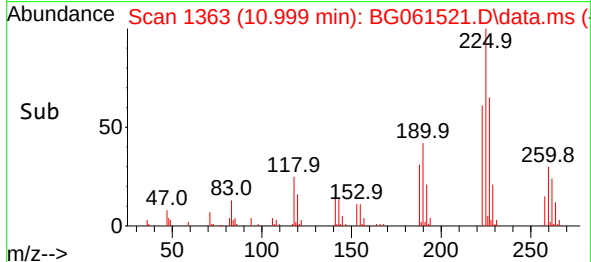
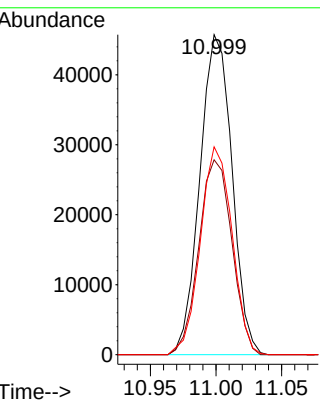
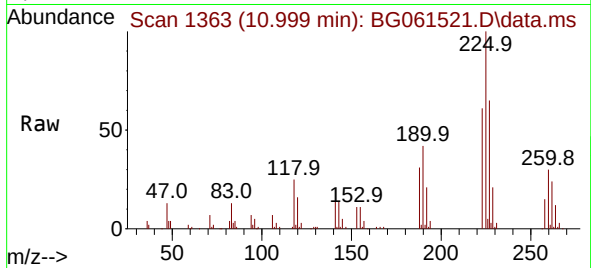
#33  
Hexachlorobutadiene  
Concen: 49.039 ng/ul  
RT: 10.999 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

Instrument :  
BNA\_G  
ClientSampleId :  
E0005MSD

Tgt Ion:225 Resp: 7792  
Ion Ratio Lower Upper  
225 100  
223 60.9 53.8 80.8  
227 65.0 50.2 75.2

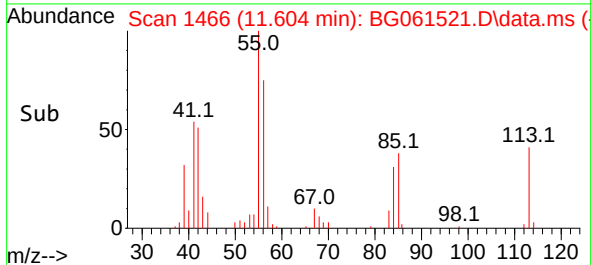
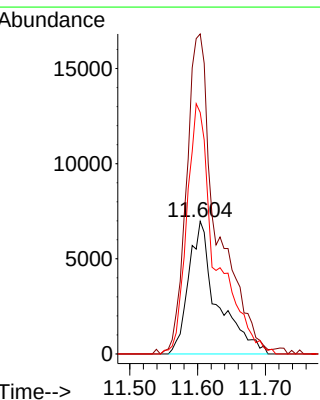
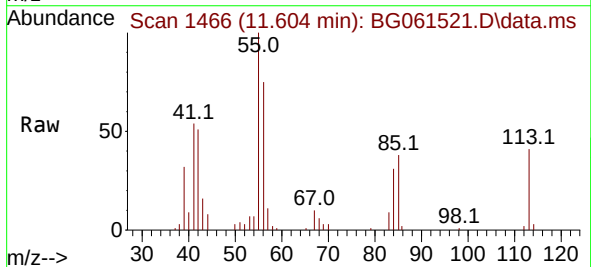
Manual Integrations  
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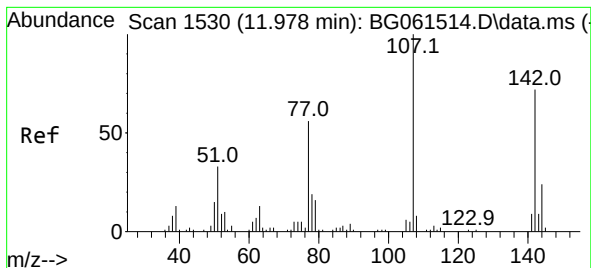
Reviewed By :Jagrut Upadhyay 06/07/2024  
Supervised By :mohammad ahmed 06/08/2024



#34  
Caprolactam  
Concen: 32.879 ng/ul m  
RT: 11.604 min Scan# 1466  
Delta R.T. 0.008 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

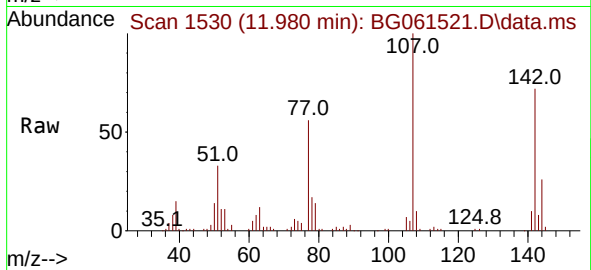
Tgt Ion:113 Resp: 20449  
Ion Ratio Lower Upper  
113 100  
55 241.3 199.0 298.4  
56 182.1 150.6 226.0





#35  
4-Chloro-3-methylphenol  
Concen: 35.353 ng/ul  
RT: 11.980 min Scan# 1190  
Delta R.T. 0.002 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

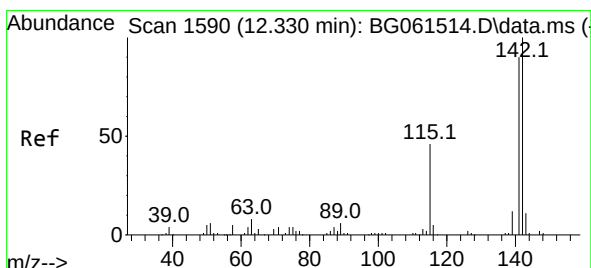
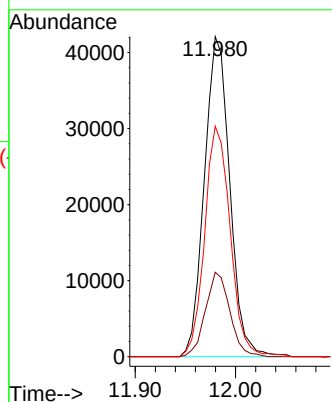
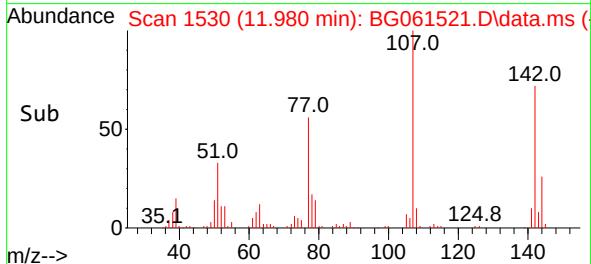
Instrument :  
BNA\_G  
ClientSampleId :  
E0005MSD



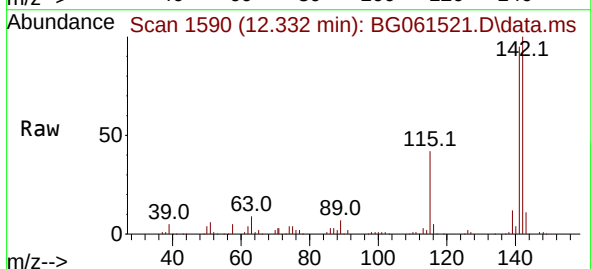
Tgt Ion:107 Resp: 74294  
Ion Ratio Lower Upper  
107 100  
144 26.4 21.2 31.8  
142 72.0 61.6 92.4

Manual Integrations  
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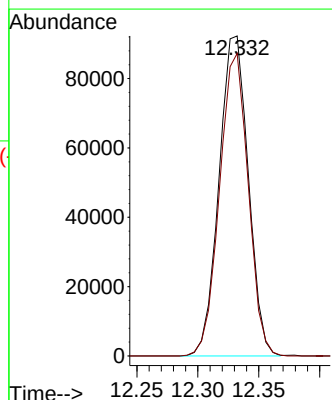
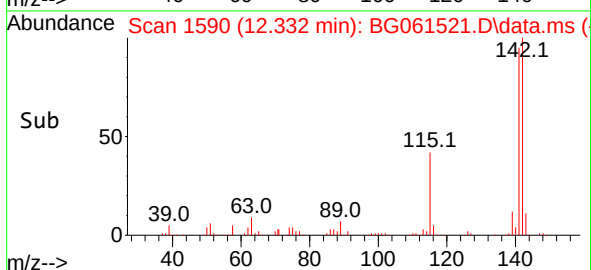
Reviewed By :Jagrut Upadhyay 06/07/2024  
Supervised By :mohammad ahmed 06/08/2024

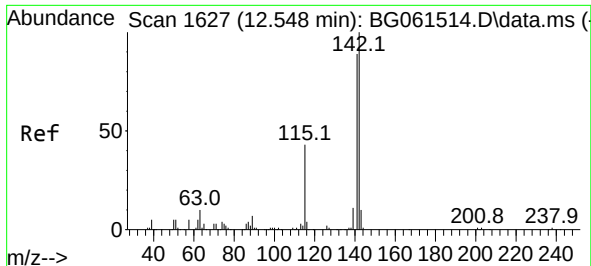


#36  
2-Methylnaphthalene  
Concen: 40.136 ng/ul  
RT: 12.332 min Scan# 1590  
Delta R.T. 0.002 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31



Tgt Ion:142 Resp: 154356  
Ion Ratio Lower Upper  
142 100  
141 94.6 72.2 108.2





#37

1-Methylnaphthalene

Concen: 39.644 ng/ul

RT: 12.550 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG061521.D

Acq: 6 Jun 2024 22:31

Instrument :

BNA\_G

ClientSampleId :

E0005MSD

Tgt Ion:142 Resp: 15646

Ion Ratio Lower Upper

142 100

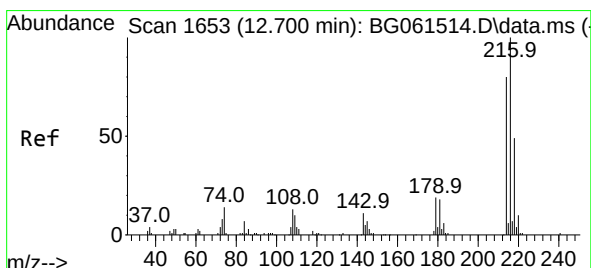
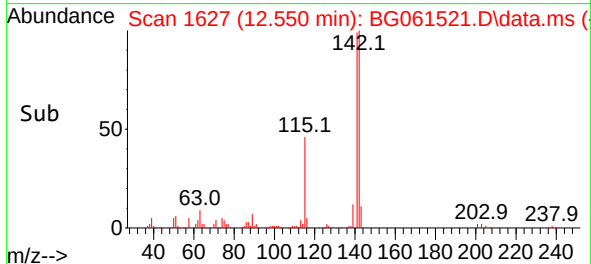
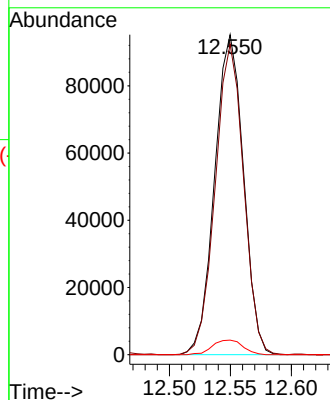
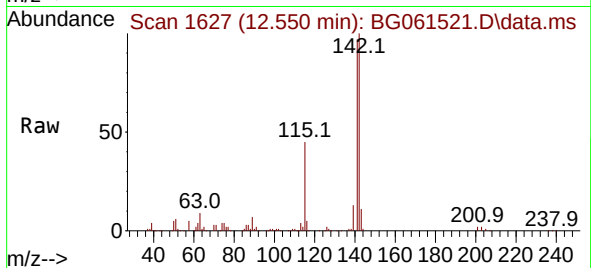
141 97.0 75.5 113.3

116 4.6 4.0 6.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/07/2024  
Supervised By :mohammad ahmed 06/08/2024



#39

1,2,4,5-Tetrachlorobenzene

Concen: 53.608 ng/ul

RT: 12.702 min Scan# 1653

Delta R.T. -0.003 min

Lab File: BG061521.D

Acq: 6 Jun 2024 22:31

Tgt Ion:216 Resp: 124389

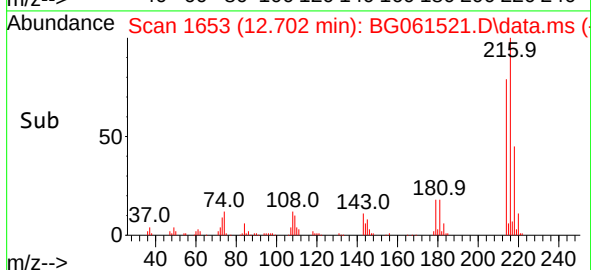
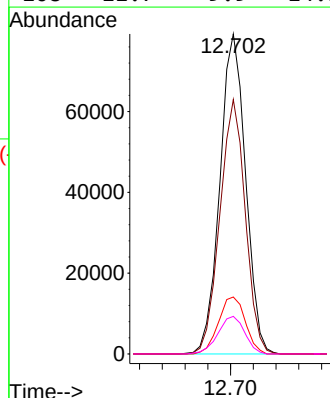
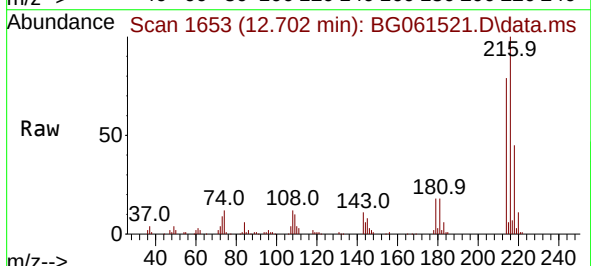
Ion Ratio Lower Upper

216 100

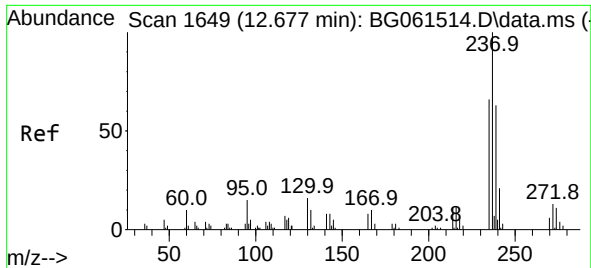
214 79.5 64.5 96.7

179 17.8 16.0 24.0

108 11.7 9.9 14.9







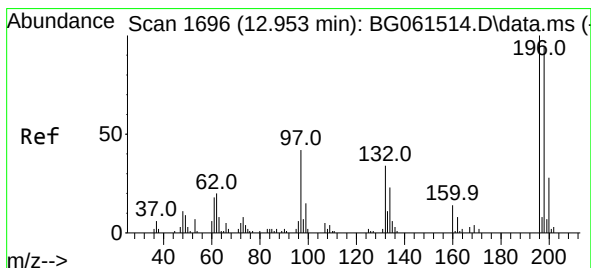
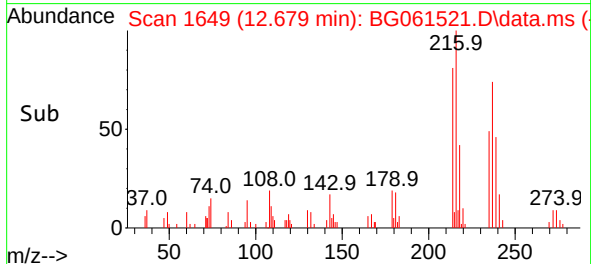
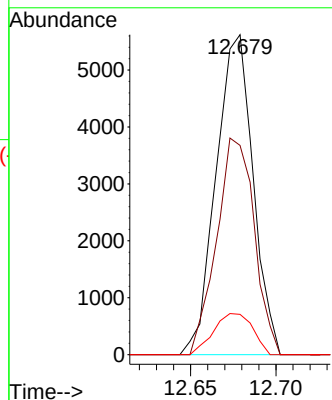
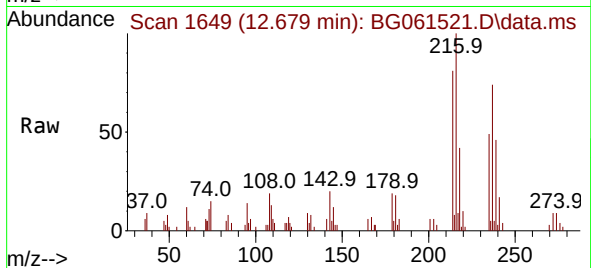
#40  
Hexachlorocyclopentadiene  
Concen: 8.089 ng/ul  
RT: 12.679 min Scan# 1649  
Delta R.T. 0.002 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

Instrument :  
BNA\_G  
ClientSampleId :  
E0005MSD

Tgt Ion:237 Resp: 8472  
Ion Ratio Lower Upper  
237 100  
235 65.4 45.4 68.2  
272 12.6 11.4 17.0

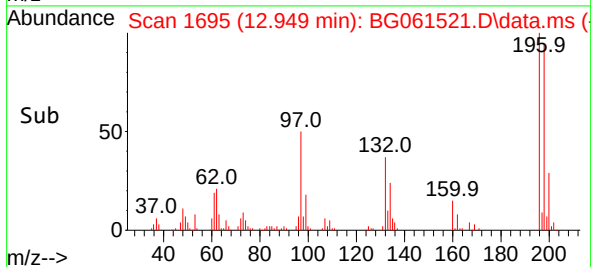
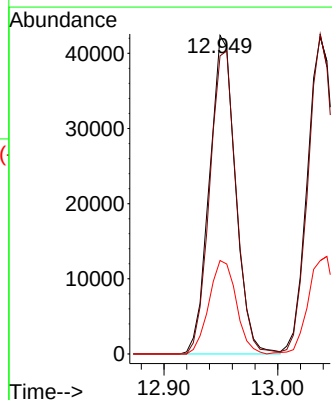
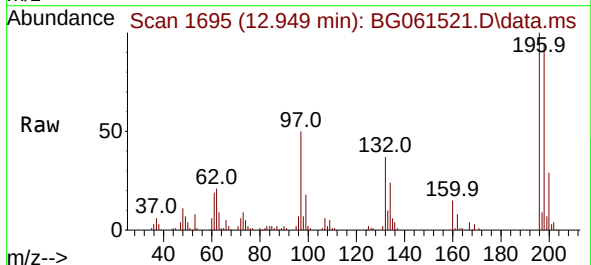
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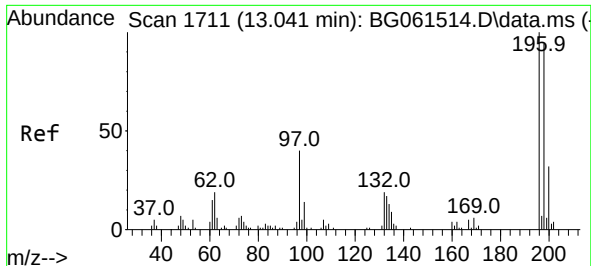
Reviewed By :Jagrut Upadhyay 06/07/2024  
Supervised By :mohammad ahmed 06/08/2024



#41  
2,4,6-Trichlorophenol  
Concen: 51.719 ng/ul  
RT: 12.949 min Scan# 1695  
Delta R.T. -0.003 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

Tgt Ion:196 Resp: 67595  
Ion Ratio Lower Upper  
196 100  
198 93.6 78.5 117.7  
200 29.3 26.1 39.1





#42

2,4,5-Trichlorophenol

Concen: 53.078 ng/ul

RT: 13.037 min Scan# 1710

Delta R.T. -0.003 min

Lab File: BG061521.D

Acq: 6 Jun 2024 22:31

Instrument :

BNA\_G

ClientSampleId :

E0005MSD

Tgt Ion:196 Resp: 7305

Ion Ratio Lower Upper

196 100

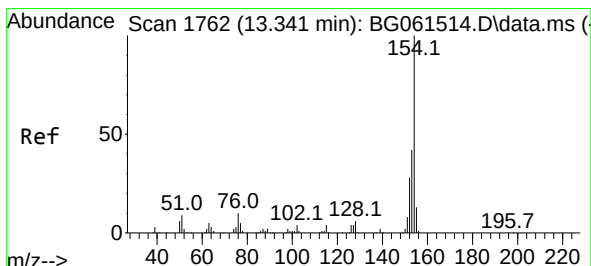
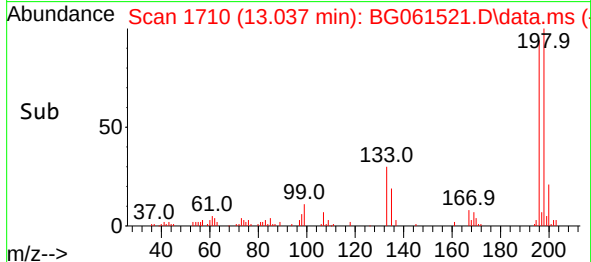
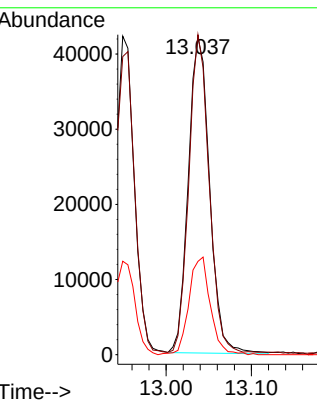
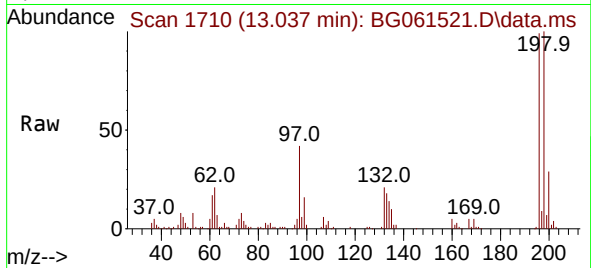
198 100.9 77.4 116.2

200 29.4 21.0 31.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/07/2024  
Supervised By :mohammad ahmed 06/08/2024



#43

1,1'-Biphenyl

Concen: 46.857 ng/ul

RT: 13.343 min Scan# 1762

Delta R.T. 0.002 min

Lab File: BG061521.D

Acq: 6 Jun 2024 22:31

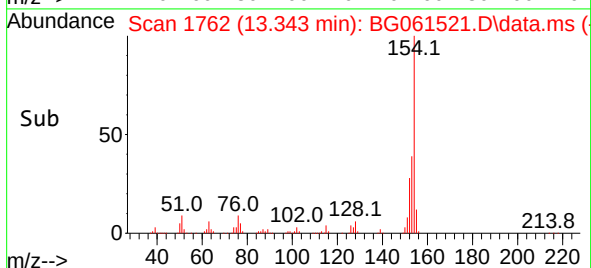
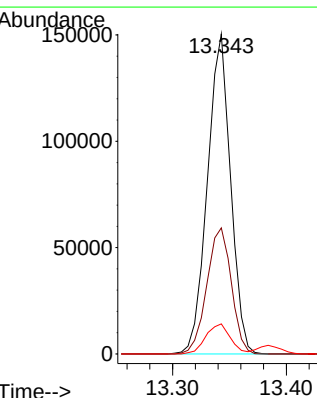
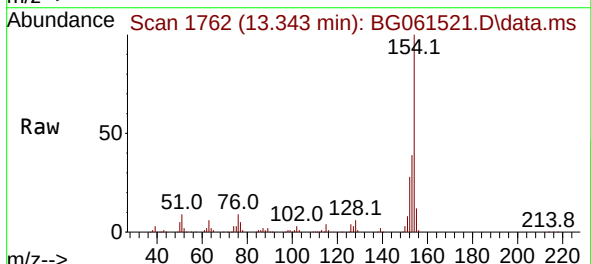
Tgt Ion:154 Resp: 212942

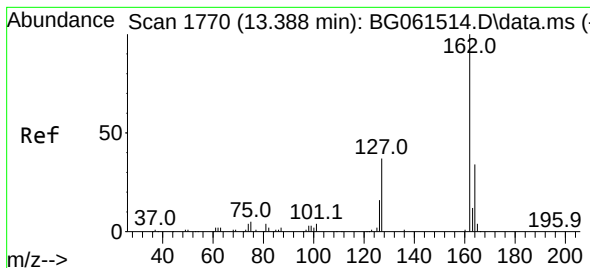
Ion Ratio Lower Upper

154 100

153 39.4 31.2 46.8

76 9.4 8.5 12.7





#44

2-Chloronaphthalene

Concen: 47.908 ng/ul

RT: 13.384 min Scan# 1770

Delta R.T. -0.003 min

Lab File: BG061521.D

Acq: 6 Jun 2024 22:31

Instrument :

BNA\_G

ClientSampleId :

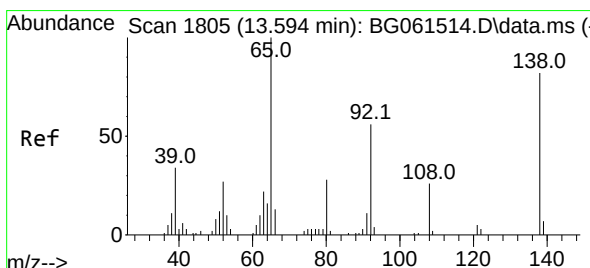
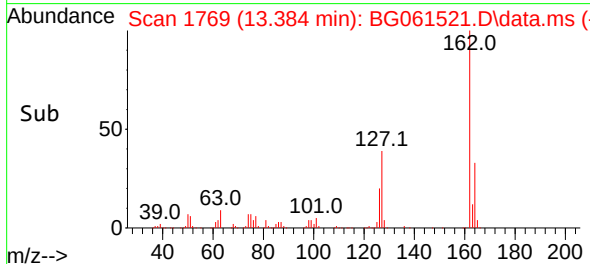
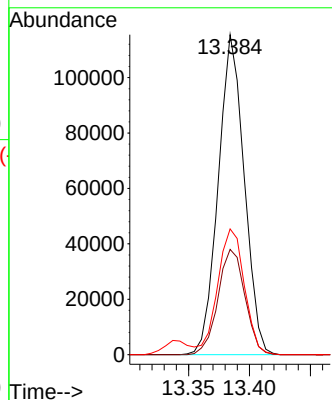
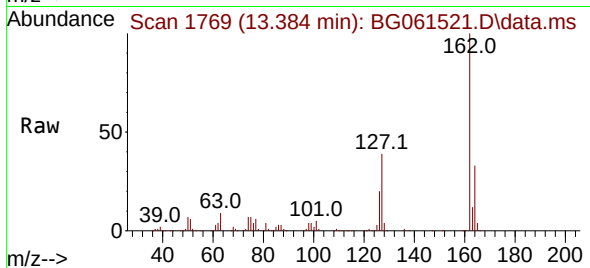
E0005MSD

Tgt Ion:162 Resp: 171336  
 Ion Ratio Lower Upper  
 162 100  
 164 32.9 26.8 40.2  
 127 39.3 31.9 47.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/07/2024  
 Supervised By :mohammad ahmed 06/08/2024



#45

2-Nitroaniline

Concen: 39.508 ng/ul

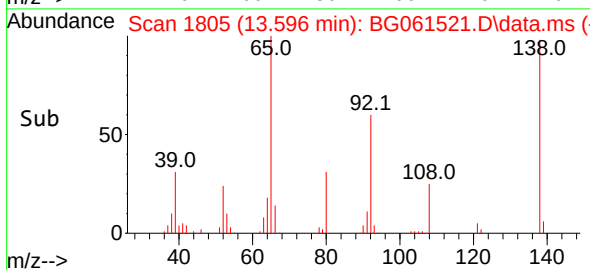
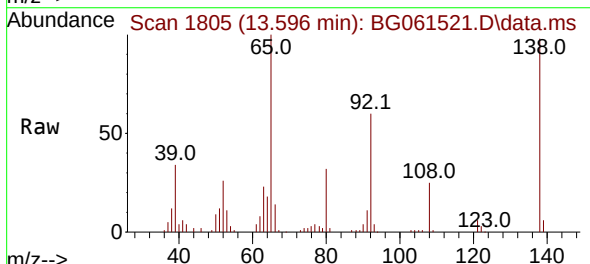
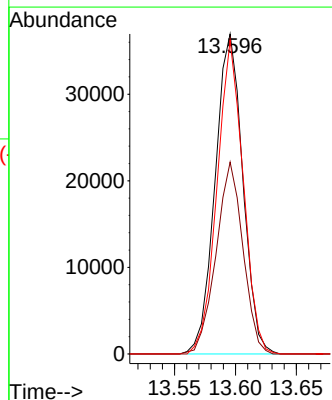
RT: 13.596 min Scan# 1805

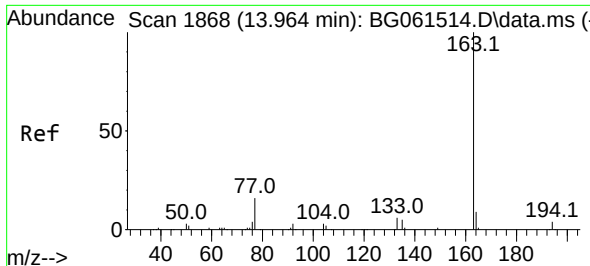
Delta R.T. 0.002 min

Lab File: BG061521.D

Acq: 6 Jun 2024 22:31

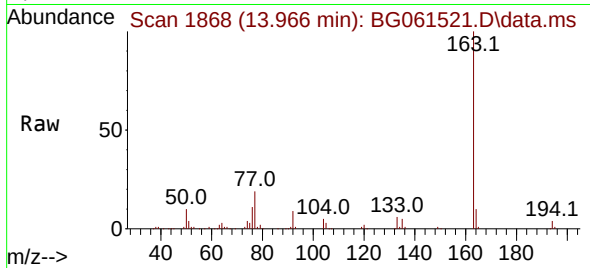
Tgt Ion: 65 Resp: 58316  
 Ion Ratio Lower Upper  
 65 100  
 92 59.9 46.2 69.4  
 138 98.1 65.0 97.6#





#47  
Dimethylphthalate  
Concen: 40.040 ng/ul  
RT: 13.966 min Scan# 1868  
Delta R.T. 0.002 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

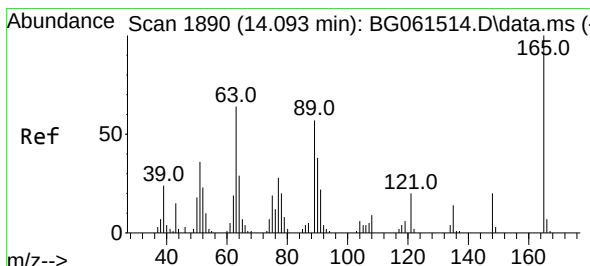
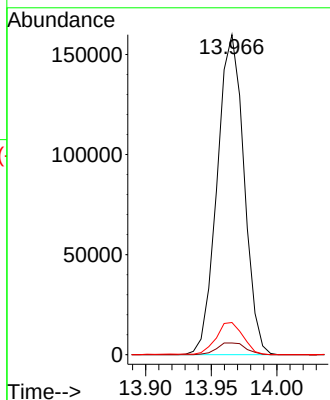
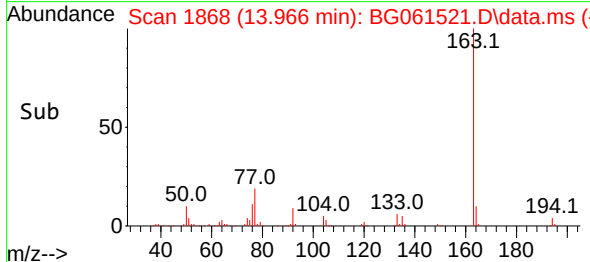
Instrument :  
BNA\_G  
ClientSampleId :  
E0005MSD



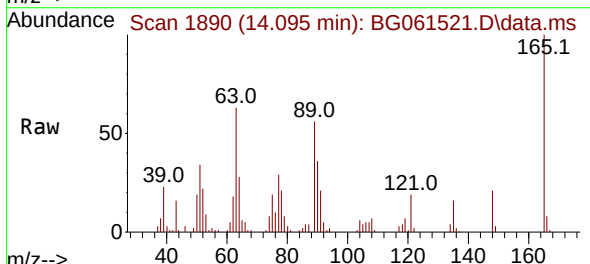
Tgt Ion:163 Resp: 227472  
Ion Ratio Lower Upper  
163 100  
194 3.6 3.1 4.7  
164 10.1 8.1 12.1

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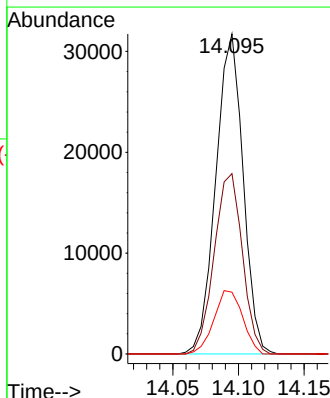
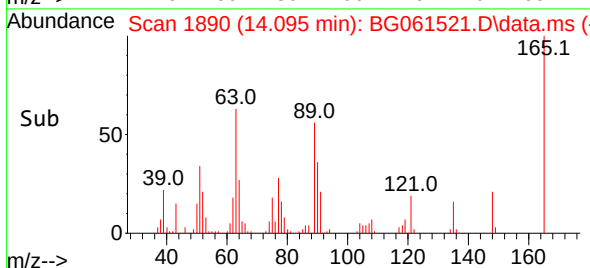
Reviewed By :Jagrut Upadhyay 06/07/2024  
Supervised By :mohammad ahmed 06/08/2024

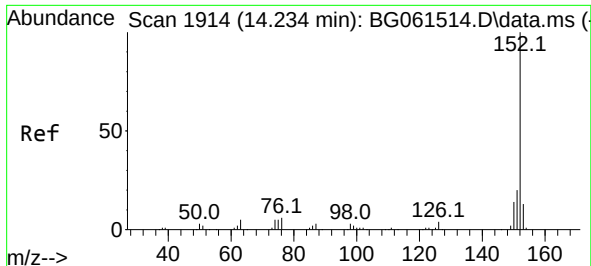


#48  
2,6-Dinitrotoluene  
Concen: 41.176 ng/ul  
RT: 14.095 min Scan# 1890  
Delta R.T. 0.002 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31



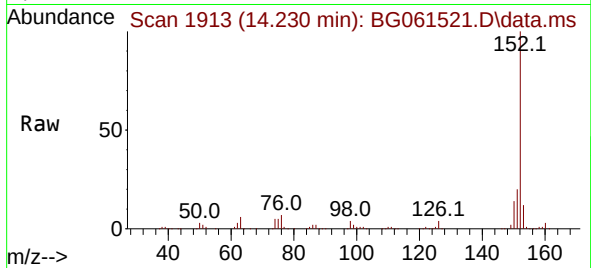
Tgt Ion:165 Resp: 45874  
Ion Ratio Lower Upper  
165 100  
89 56.3 46.0 69.0  
121 19.3 17.9 26.9





#50  
Acenaphthylene  
Concen: 42.601 ng/ul  
RT: 14.230 min Scan# 1913  
Delta R.T. -0.003 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

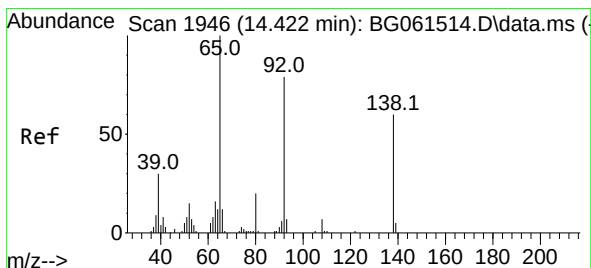
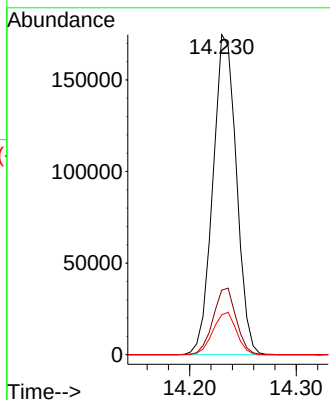
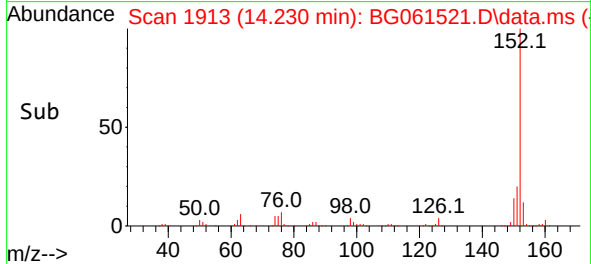
Instrument :  
BNA\_G  
ClientSampleId :  
E0005MSD



Tgt Ion:152 Resp: 26770  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.2 24.2  
153 12.5 10.2 15.4

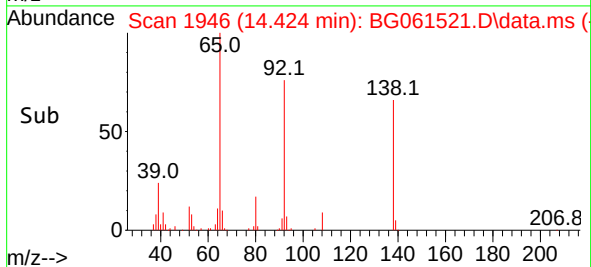
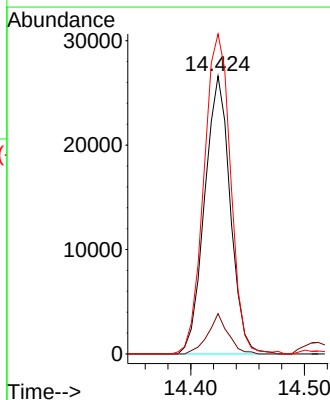
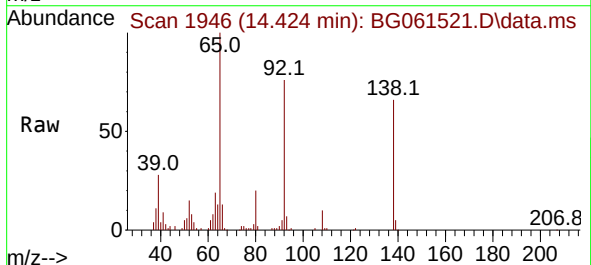
Manual Integrations  
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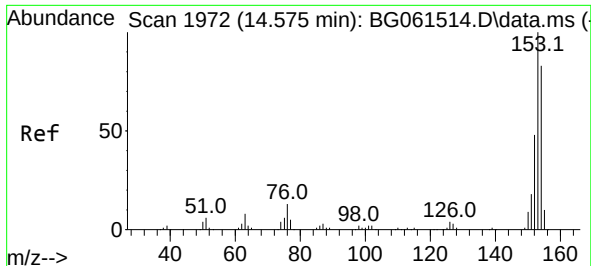
Reviewed By :Jagrut Upadhyay 06/07/2024  
Supervised By :mohammad ahmed 06/08/2024



#51  
3-Nitroaniline  
Concen: 43.031 ng/ul  
RT: 14.424 min Scan# 1946  
Delta R.T. 0.002 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

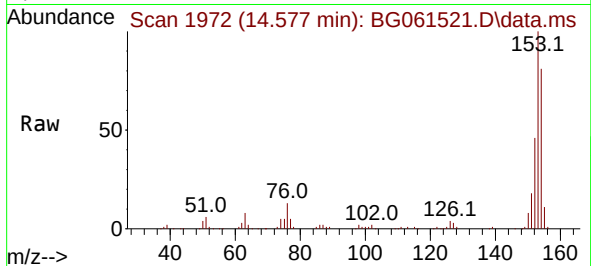
Tgt Ion:138 Resp: 41605  
Ion Ratio Lower Upper  
138 100  
108 14.5 10.1 15.1  
92 115.2 97.6 146.4





#52  
Acenaphthene  
Concen: 43.235 ng/ul  
RT: 14.577 min Scan# 1972  
Delta R.T. 0.002 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

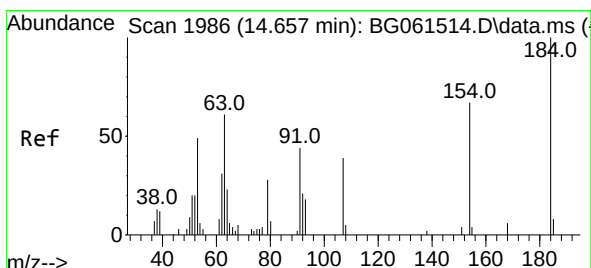
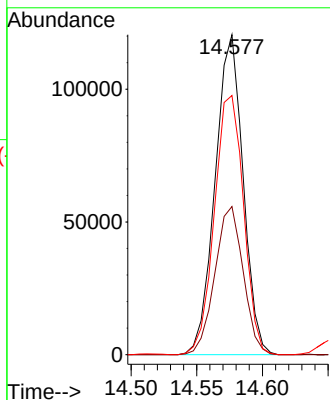
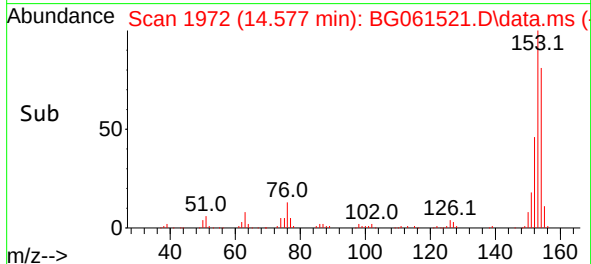
Instrument :  
BNA\_G  
ClientSampleId :  
E0005MSD



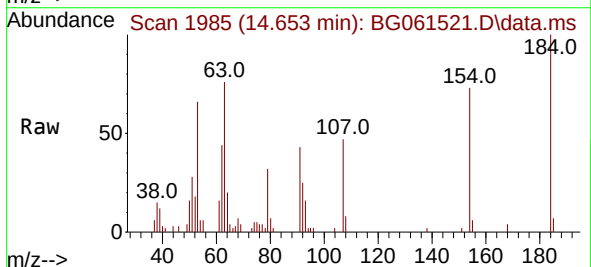
Tgt Ion:153 Resp: 178219  
Ion Ratio Lower Upper  
153 100  
152 46.3 37.8 56.8  
154 81.0 69.0 103.6

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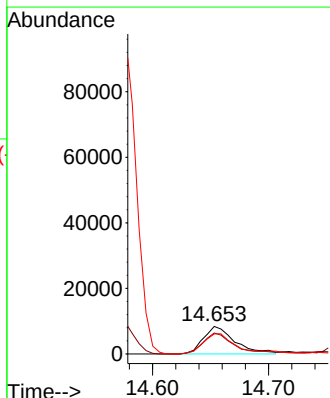
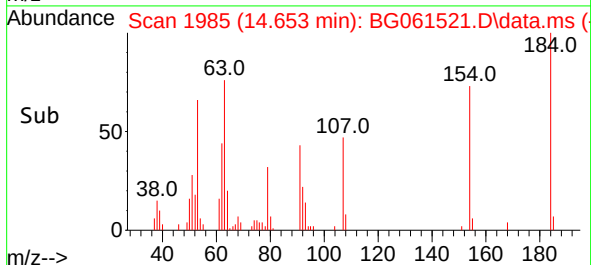
Reviewed By :Jagrut Upadhyay 06/07/2024  
Supervised By :mohammad ahmed 06/08/2024

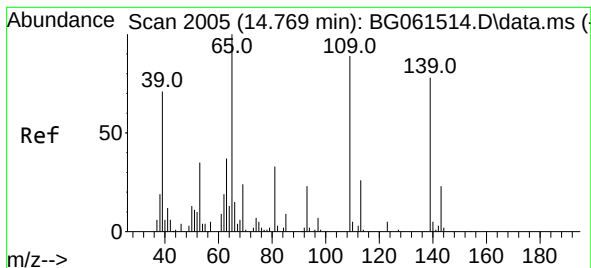


#53  
2,4-Dinitrophenol  
Concen: 26.903 ng/ul m  
RT: 14.653 min Scan# 1985  
Delta R.T. -0.009 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31



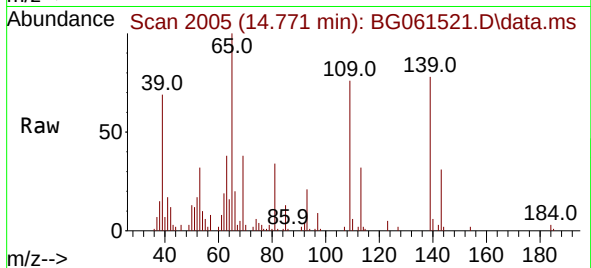
Tgt Ion:184 Resp: 15894  
Ion Ratio Lower Upper  
184 100  
63 76.1 61.3 91.9  
154 72.7 55.0 82.4





#55  
4-Nitrophenol  
Concen: 36.630 ng/ul  
RT: 14.771 min Scan# 2005  
Delta R.T. -0.003 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

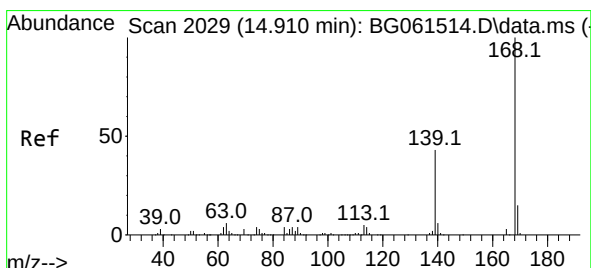
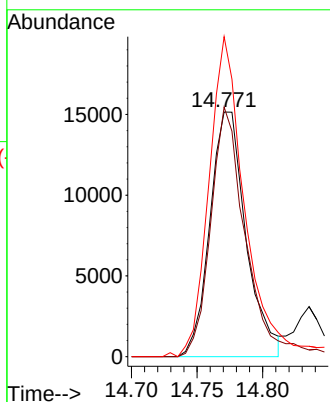
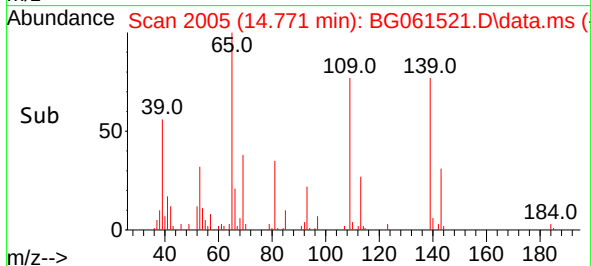
Instrument :  
BNA\_G  
ClientSampleId :  
E0005MSD



Tgt Ion:109 Resp: 2902  
Ion Ratio Lower Upper  
109 100  
139 102.0 74.9 112.3  
65 130.8 104.0 156.0

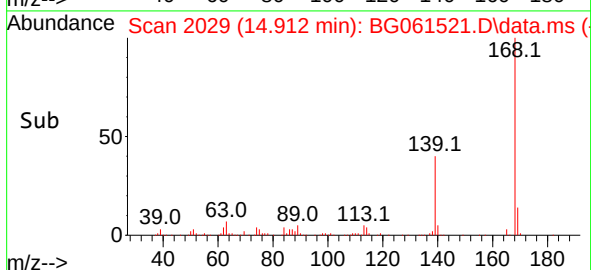
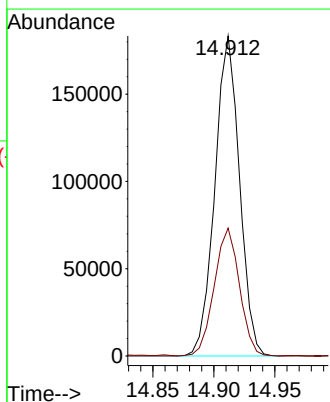
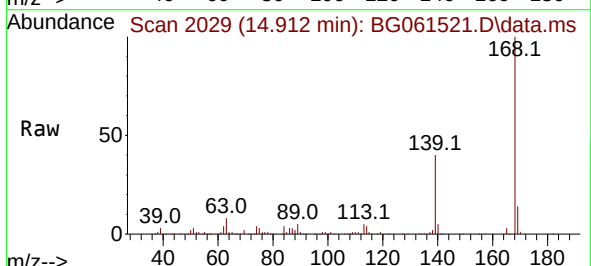
Manual Integrations  
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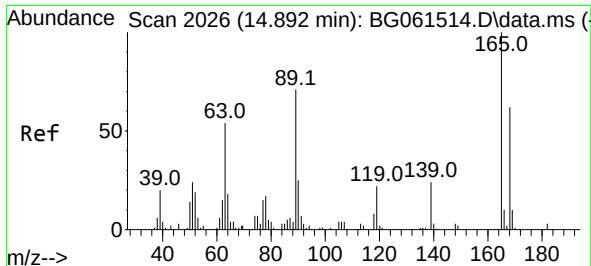
Reviewed By :Jagrut Upadhyay 06/07/2024  
Supervised By :mohammad ahmed 06/08/2024



#56  
Dibenzofuran  
Concen: 43.688 ng/ul  
RT: 14.912 min Scan# 2029  
Delta R.T. 0.002 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

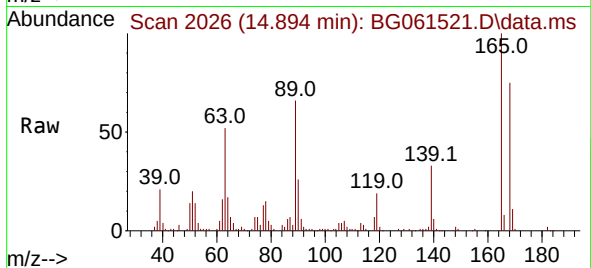
Tgt Ion:168 Resp: 257492  
Ion Ratio Lower Upper  
168 100  
139 39.9 33.4 50.2





#57  
2,4-Dinitrotoluene  
Concen: 41.243 ng/ul  
RT: 14.894 min Scan# 2026  
Delta R.T. 0.002 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

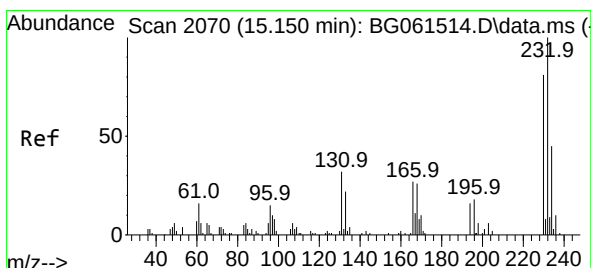
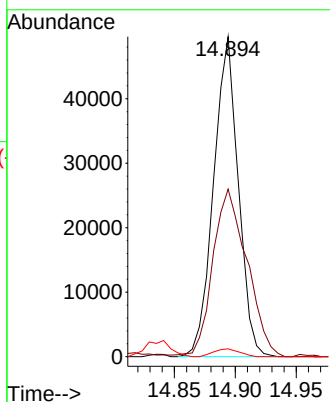
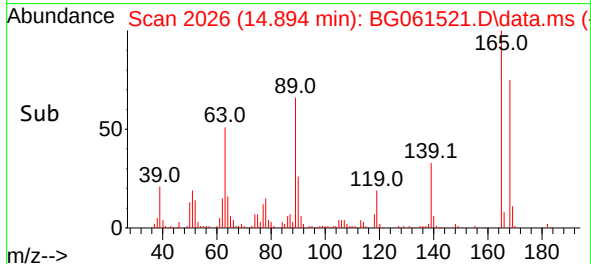
Instrument :  
BNA\_G  
ClientSampleId :  
E0005MSD



Tgt Ion:165 Resp: 69908  
Ion Ratio Lower Upper  
165 100  
63 52.3 43.4 65.2  
182 2.5 2.0 3.0

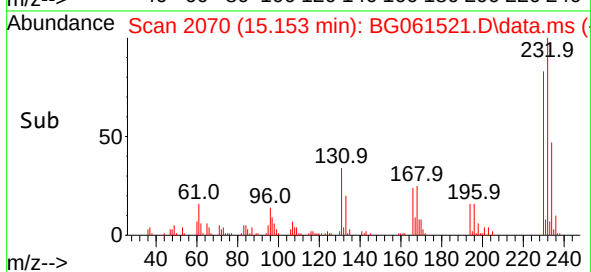
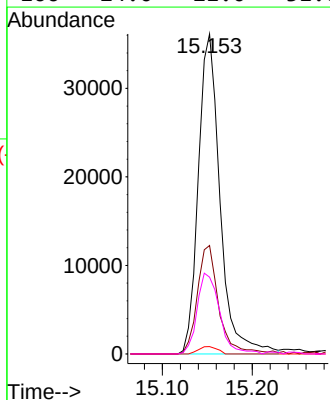
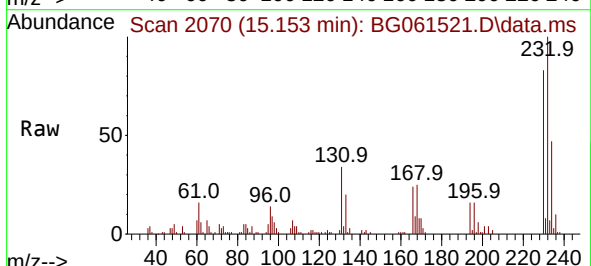
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024  
Supervised By :mohammad ahmed 06/08/2024

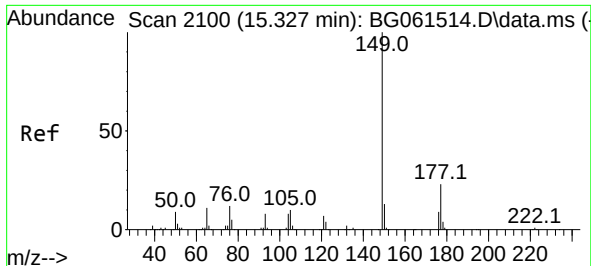


#58  
2,3,4,6-Tetrachlorophenol  
Concen: 48.364 ng/ul  
RT: 15.153 min Scan# 2070  
Delta R.T. -0.003 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

Tgt Ion:232 Resp: 60711  
Ion Ratio Lower Upper  
232 100  
131 33.9 30.2 45.2  
130 2.3 1.8 2.6  
166 24.0 21.0 31.6







#59  
Diethylphthalate  
Concen: 38.215 ng/ul  
RT: 15.329 min Scan# 2100  
Delta R.T. 0.002 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

Instrument :

BNA\_G

ClientSampleId :

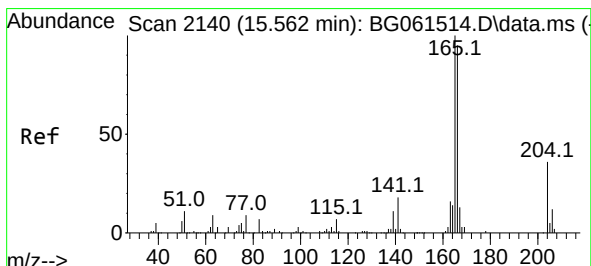
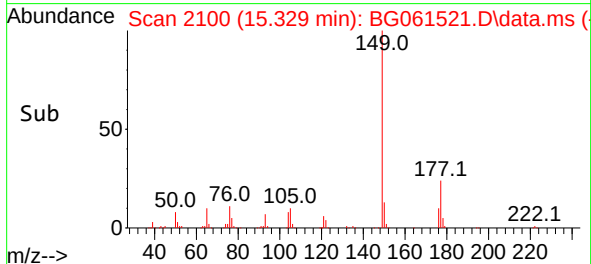
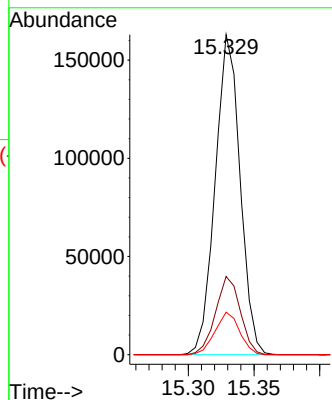
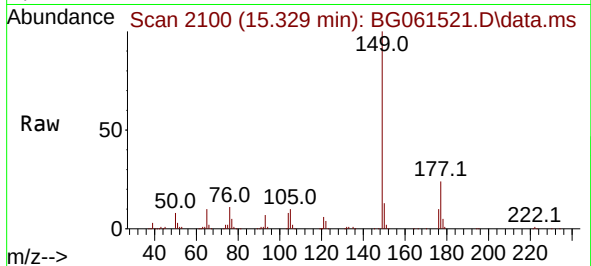
E0005MSD

Tgt Ion:149 Resp: 21439  
Ion Ratio Lower Upper  
149 100  
177 24.5 19.1 28.7  
150 13.3 11.0 16.4

Manual Integrations

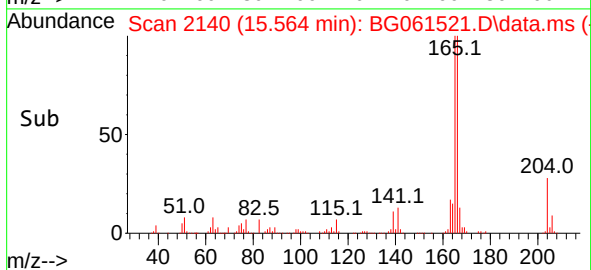
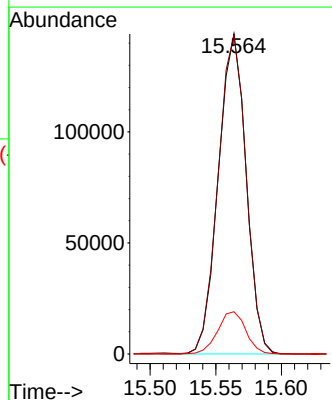
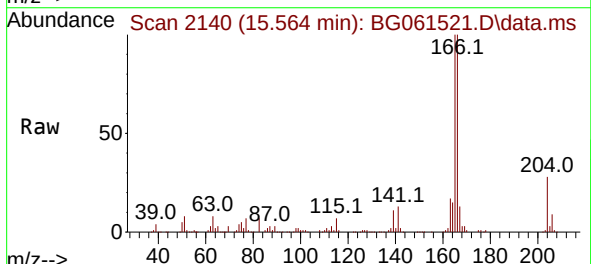
APPROVED

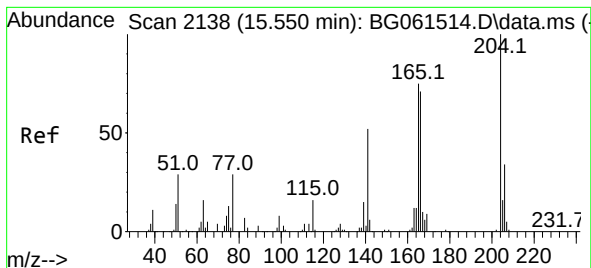
Reviewed By :Jagrut Upadhyay 06/07/2024  
Supervised By :mohammad ahmed 06/08/2024



#61  
Fluorene  
Concen: 41.517 ng/ul  
RT: 15.564 min Scan# 2140  
Delta R.T. 0.002 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

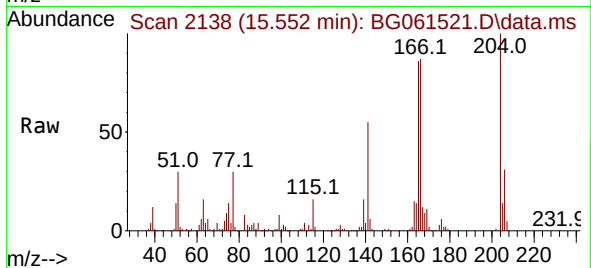
Tgt Ion:166 Resp: 211718  
Ion Ratio Lower Upper  
166 100  
165 99.7 81.8 122.8  
167 13.2 10.6 16.0





#62  
4-Chlorophenyl-phenylether  
Concen: 42.696 ng/ul  
RT: 15.552 min Scan# 2138  
Delta R.T. -0.003 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

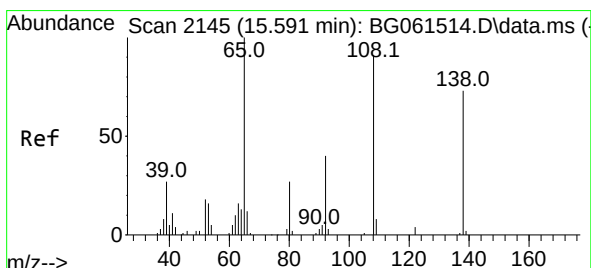
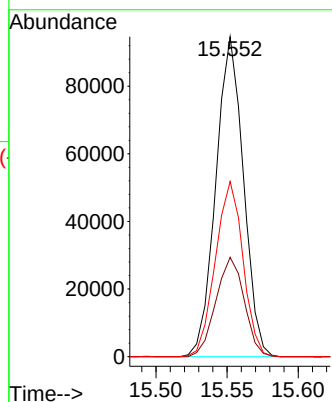
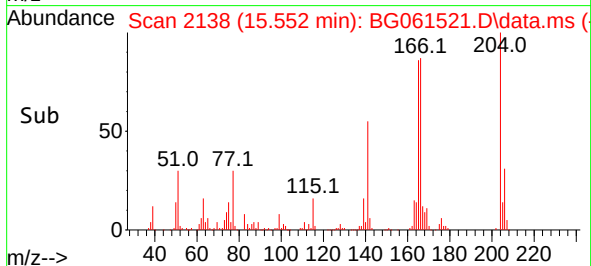
Instrument :  
BNA\_G  
ClientSampleId :  
E0005MSD



Tgt Ion:204 Resp: 12769  
Ion Ratio Lower Upper  
204 100  
206 31.0 26.3 39.5  
141 54.8 43.0 64.6

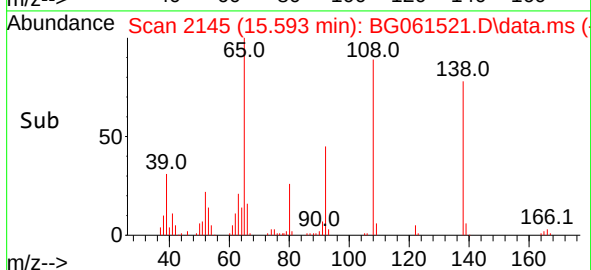
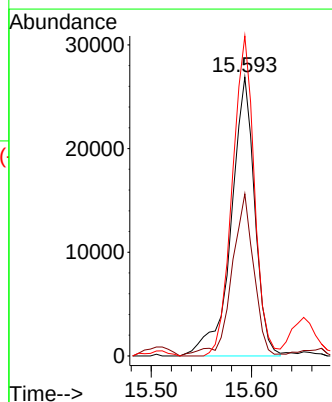
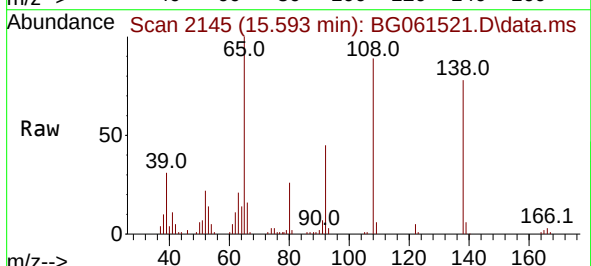
Manual Integrations  
APPROVED

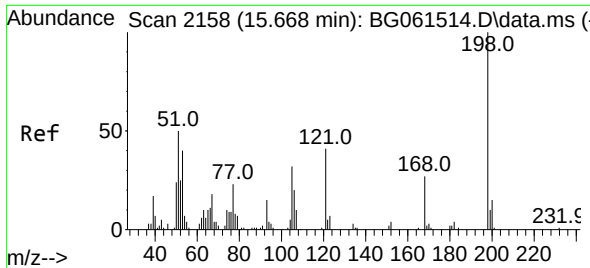
Reviewed By :Jagrut Upadhyay 06/07/2024  
Supervised By :mohammad ahmed 06/08/2024



#63  
4-Nitroaniline  
Concen: 43.624 ng/ul  
RT: 15.593 min Scan# 2145  
Delta R.T. 0.002 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

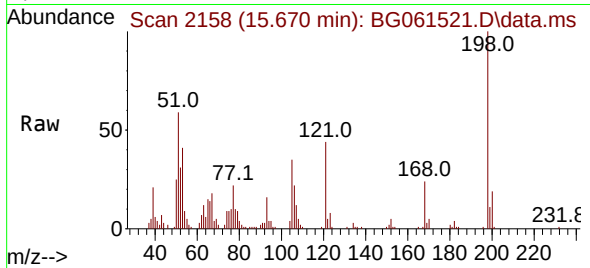
Tgt Ion:138 Resp: 43930  
Ion Ratio Lower Upper  
138 100  
92 58.1 48.6 73.0  
108 114.7 95.5 143.3





#66  
4,6-Dinitro-2-methylphenol  
Concen: 34.884 ng/ul  
RT: 15.670 min Scan# 2158  
Delta R.T. 0.002 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

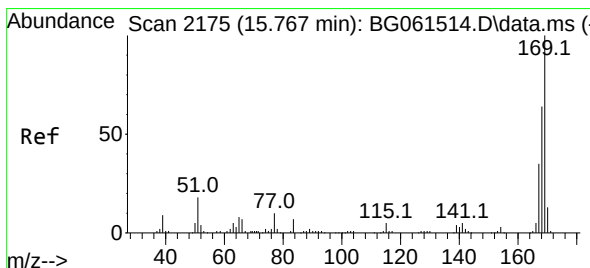
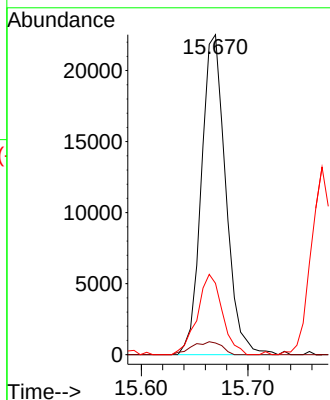
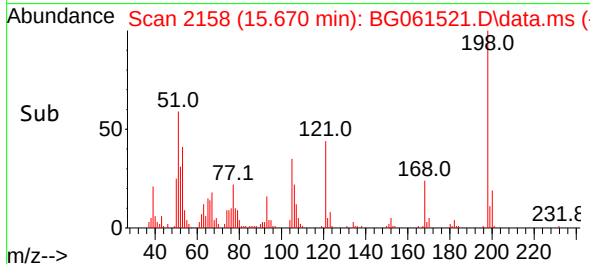
Instrument :  
BNA\_G  
ClientSampleId :  
E0005MSD



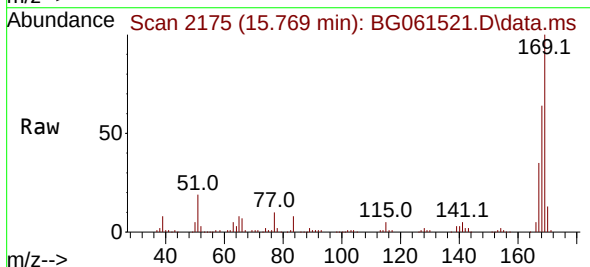
Tgt Ion:198 Resp: 35764  
Ion Ratio Lower Upper  
198 100  
182 3.7 2.9 4.3  
77 22.3 22.3 33.5

Manual Integrations  
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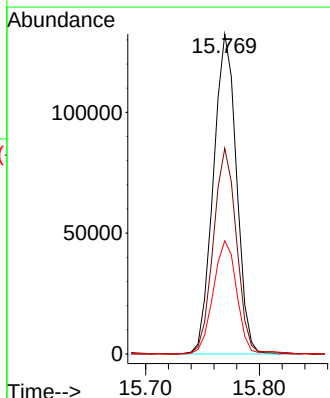
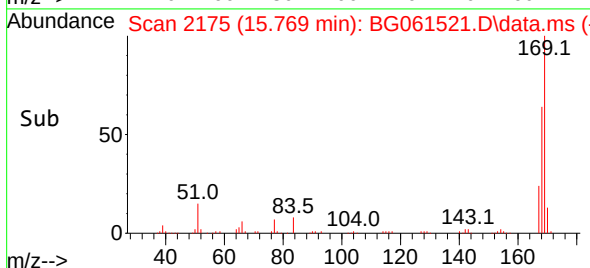
Reviewed By :Jagrut Upadhyay 06/07/2024  
Supervised By :mohammad ahmed 06/08/2024

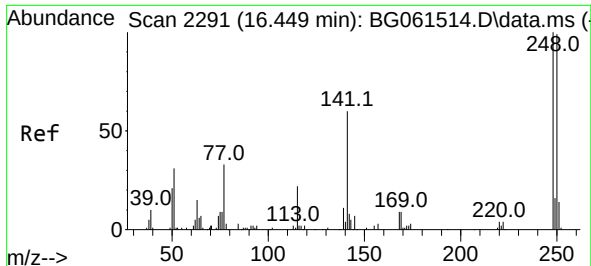


#67  
N-Nitrosodiphenylamine  
Concen: 46.022 ng/ul  
RT: 15.769 min Scan# 2175  
Delta R.T. 0.002 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31



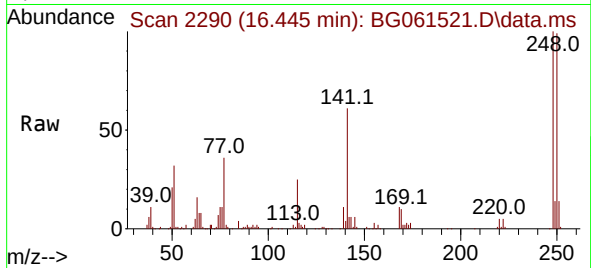
Tgt Ion:169 Resp: 187097  
Ion Ratio Lower Upper  
169 100  
168 64.2 51.9 77.9  
167 35.3 29.4 44.2





#68  
4-Bromophenyl-phenylether  
Concen: 48.795 ng/ul  
RT: 16.445 min Scan# 211  
Delta R.T. -0.003 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

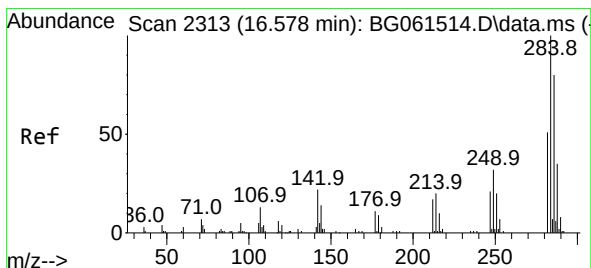
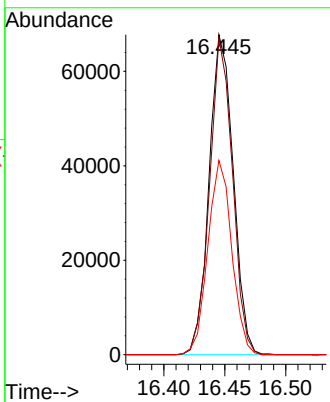
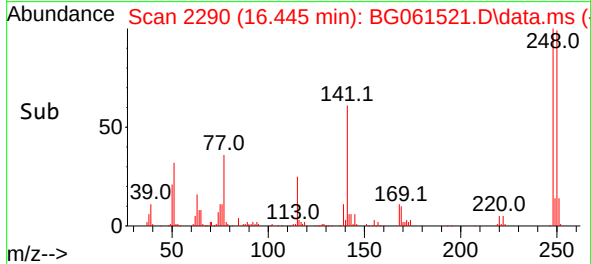
Instrument :  
BNA\_G  
ClientSampleId :  
E0005MSD



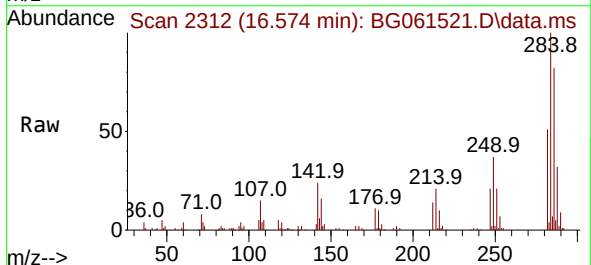
Tgt Ion:248 Resp: 93514  
Ion Ratio Lower Upper  
248 100  
250 99.0 79.4 119.2  
141 60.7 50.2 75.4

Manual Integrations  
APPROVED

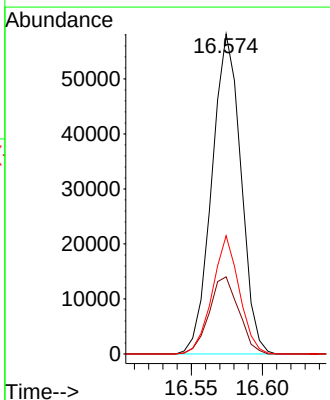
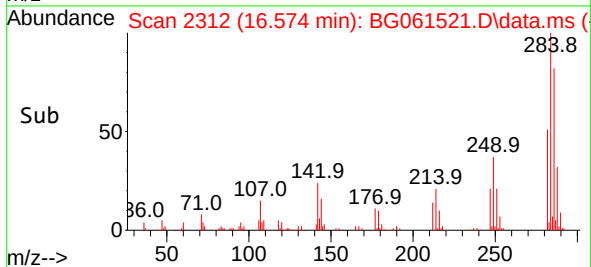
Reviewed By :Jagrut Upadhyay 06/07/2024  
Supervised By :mohammad ahmed 06/08/2024

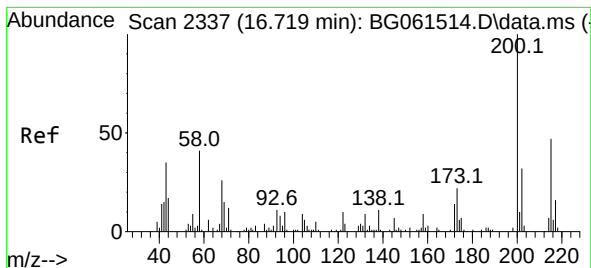


#69  
Hexachlorobenzene  
Concen: 38.803 ng/ul  
RT: 16.574 min Scan# 2312  
Delta R.T. -0.003 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31



Tgt Ion:284 Resp: 82659  
Ion Ratio Lower Upper  
284 100  
142 24.1 21.2 31.8  
249 37.0 28.7 43.1





#70

Atrazine

Concen: 40.811 ng/ul

RT: 16.721 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG061521.D

Acq: 6 Jun 2024 22:31

Instrument :

BNA\_G

ClientSampleId :

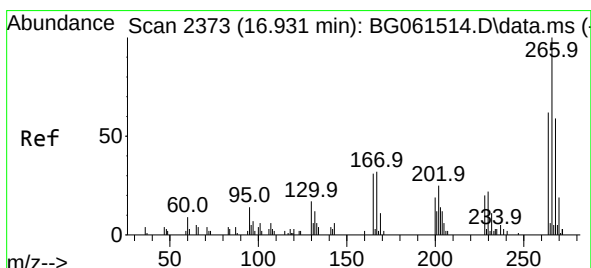
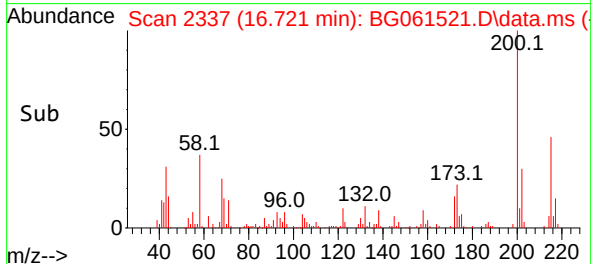
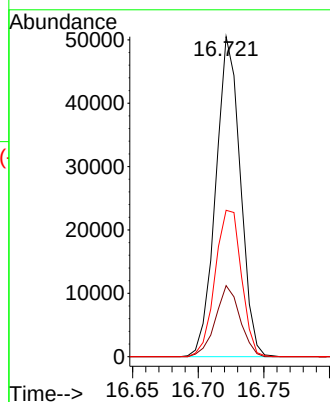
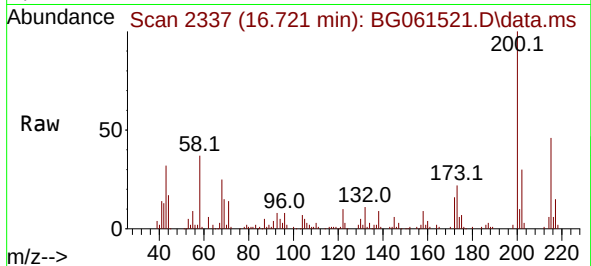
E0005MSD

|             |             |
|-------------|-------------|
| Tgt Ion:200 | Resp: 6566  |
| Ion Ratio   | Lower Upper |
| 200 100     |             |
| 173 22.2    | 15.9 23.9   |
| 215 45.8    | 37.3 55.9   |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024  
Supervised By :mohammad ahmed 06/08/2024



#71

Pentachlorophenol

Concen: 40.694 ng/ul m

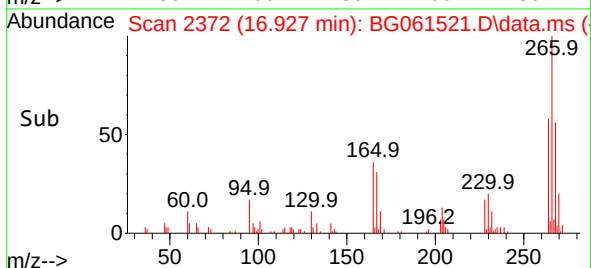
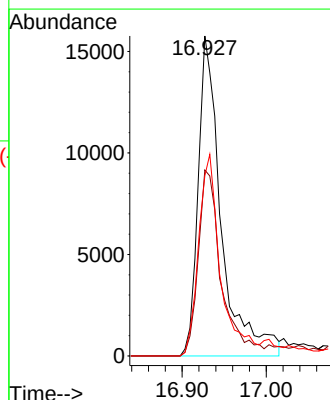
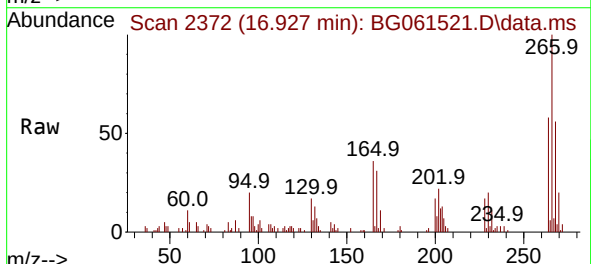
RT: 16.927 min Scan# 2372

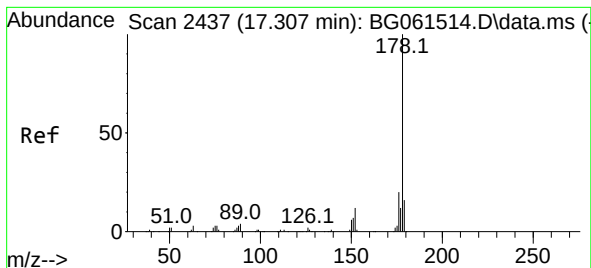
Delta R.T. -0.003 min

Lab File: BG061521.D

Acq: 6 Jun 2024 22:31

|             |             |
|-------------|-------------|
| Tgt Ion:266 | Resp: 30171 |
| Ion Ratio   | Lower Upper |
| 266 100     |             |
| 264 58.1    | 41.9 62.9   |
| 268 56.3    | 52.6 79.0   |





#72

Phenanthrene

Concen: 47.576 ng/u1

RT: 17.303 min Scan# 2437

Delta R.T. -0.003 min

Lab File: BG061521.D

Acq: 6 Jun 2024 22:31

Instrument :

BNA\_G

ClientSampleId :

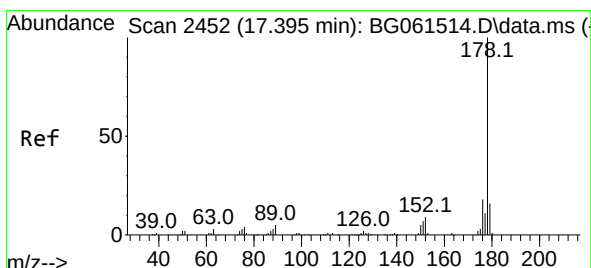
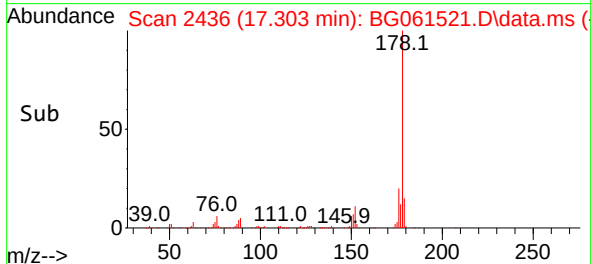
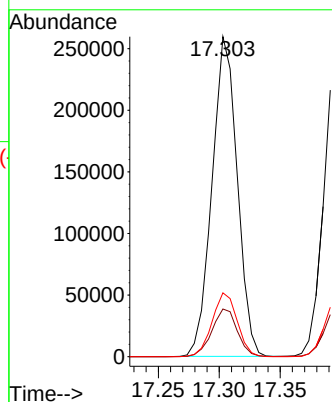
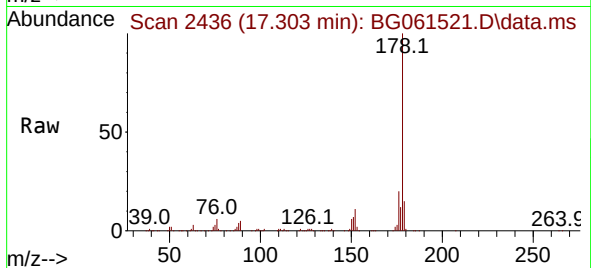
E0005MSD

|             |              |
|-------------|--------------|
| Tgt Ion:178 | Resp: 373494 |
| Ion Ratio   | Lower Upper  |
| 178 100     |              |
| 179 14.9    | 12.7 19.1    |
| 176 19.9    | 15.5 23.3    |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024  
Supervised By :mohammad ahmed 06/08/2024



#74

Anthracene

Concen: 43.582 ng/u1

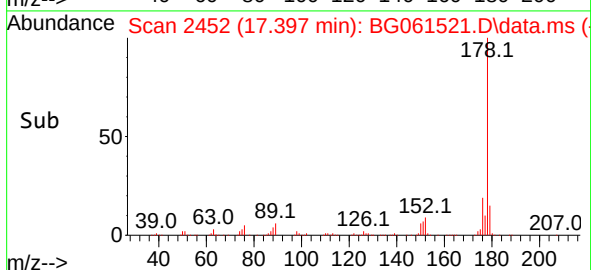
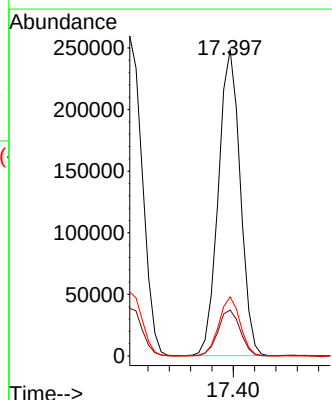
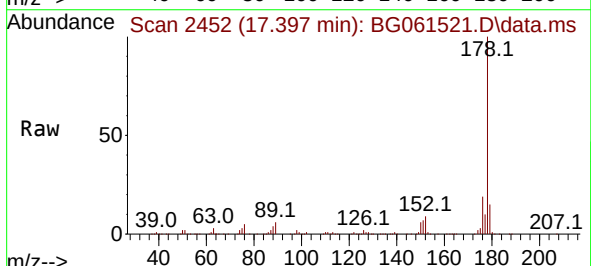
RT: 17.397 min Scan# 2452

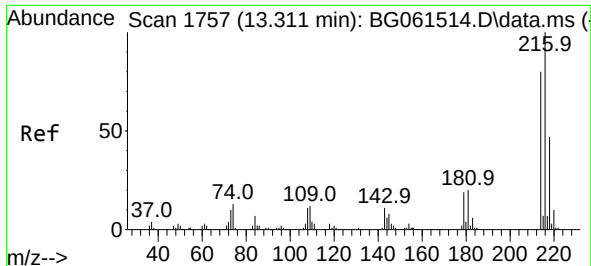
Delta R.T. 0.002 min

Lab File: BG061521.D

Acq: 6 Jun 2024 22:31

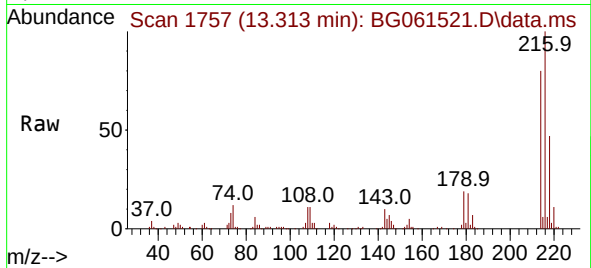
|             |              |
|-------------|--------------|
| Tgt Ion:178 | Resp: 353759 |
| Ion Ratio   | Lower Upper  |
| 178 100     |              |
| 179 15.0    | 11.8 17.6    |
| 176 19.3    | 14.9 22.3    |





#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 55.144 ng/uL  
RT: 13.313 min Scan# 11  
Delta R.T. 0.002 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

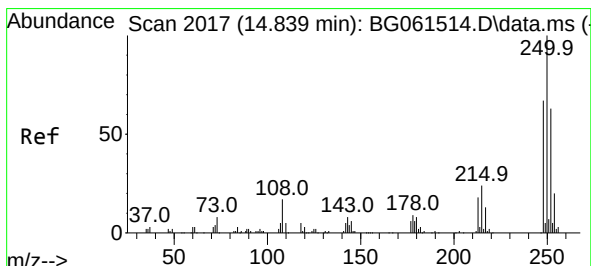
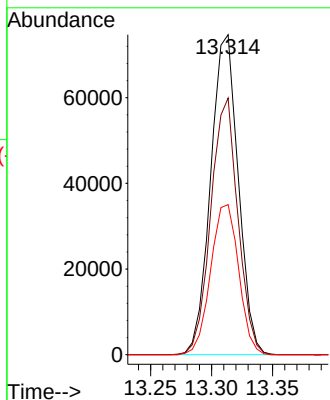
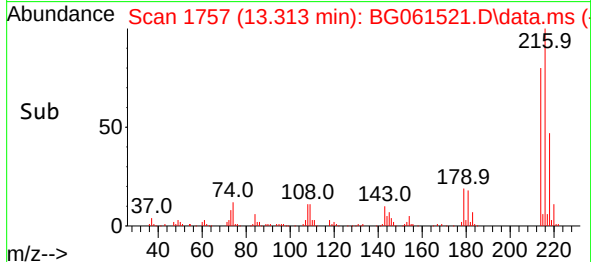
Instrument :  
BNA\_G  
ClientSampleId :  
E0005MSD



Tgt Ion:216 Resp: 11789  
Ion Ratio Lower Upper  
216 100  
214 80.2 60.0 90.0  
218 46.9 38.5 57.7

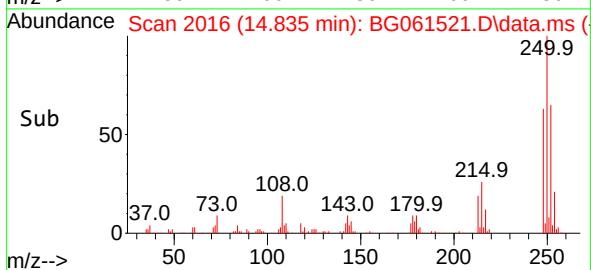
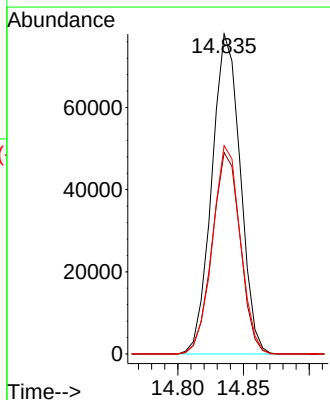
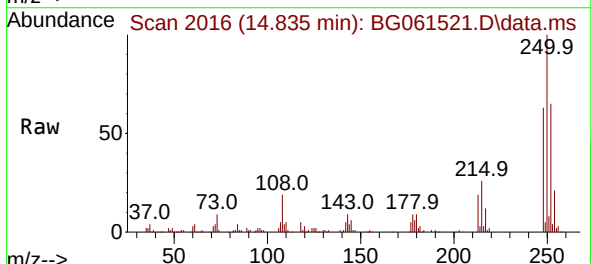
Manual Integrations  
APPROVED

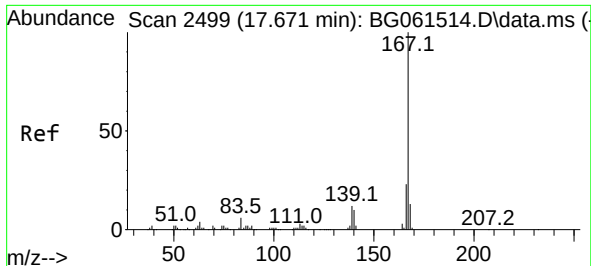
Reviewed By :Jagrut Upadhyay 06/07/2024  
Supervised By :mohammad ahmed 06/08/2024



#76  
Pentachlorobenzene  
Concen: 49.657 ng/uL  
RT: 14.835 min Scan# 2016  
Delta R.T. -0.003 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

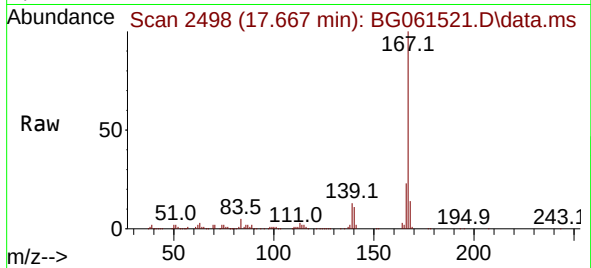
Tgt Ion:250 Resp: 117382  
Ion Ratio Lower Upper  
250 100  
248 62.9 52.6 79.0  
252 65.1 54.7 82.1





#77  
 Carbazole  
 Concen: 41.075 ng/ul  
 RT: 17.667 min Scan# 2498  
 Delta R.T. -0.003 min  
 Lab File: BG061521.D  
 Acq: 6 Jun 2024 22:31

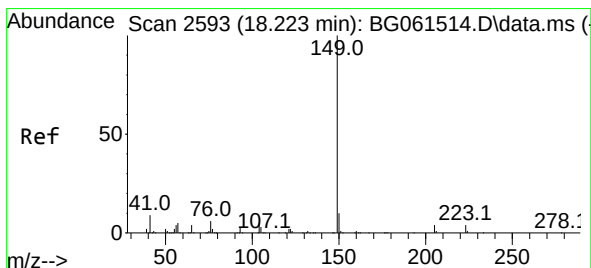
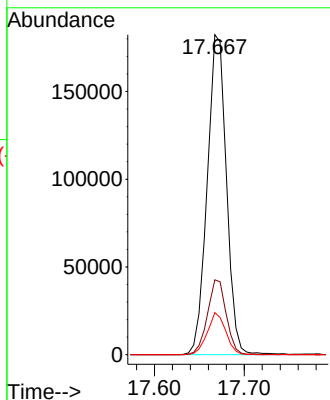
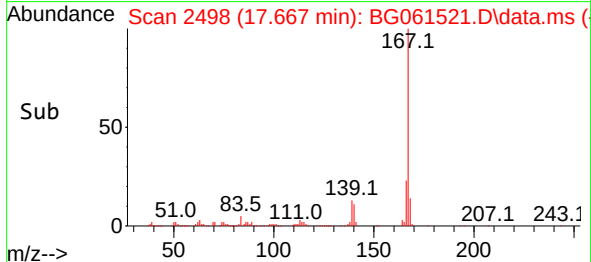
Instrument :  
 BNA\_G  
 ClientSampleId :  
 E0005MSD



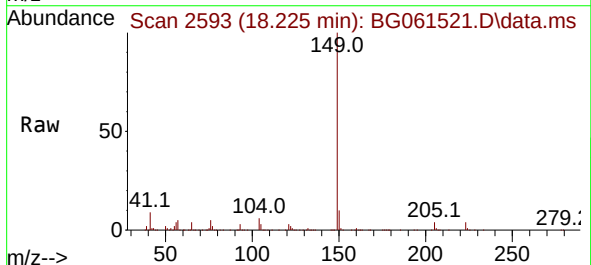
Tgt Ion:167 Resp: 27118  
 Ion Ratio Lower Upper  
 167 100  
 166 23.4 18.6 28.0  
 139 13.1 10.6 15.8

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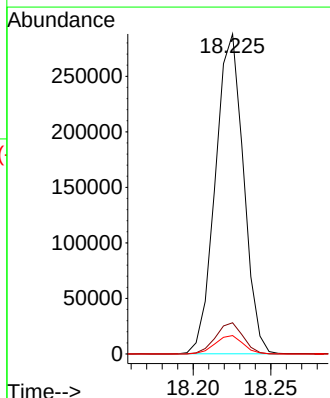
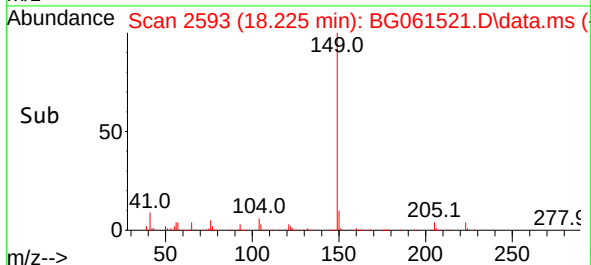
Reviewed By :Jagrut Upadhyay 06/07/2024  
 Supervised By :mohammad ahmed 06/08/2024



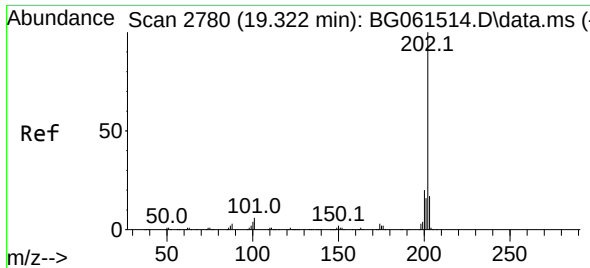
#78  
 Di-n-butylphthalate  
 Concen: 43.918 ng/ul  
 RT: 18.225 min Scan# 2593  
 Delta R.T. 0.002 min  
 Lab File: BG061521.D  
 Acq: 6 Jun 2024 22:31



Tgt Ion:149 Resp: 363314  
 Ion Ratio Lower Upper  
 149 100  
 150 9.8 7.8 11.8  
 104 5.8 4.8 7.2

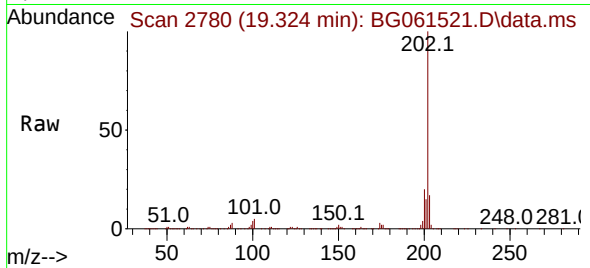






#80  
Fluoranthene  
Concen: 51.725 ng/u1  
RT: 19.324 min Scan# 21  
Delta R.T. 0.002 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

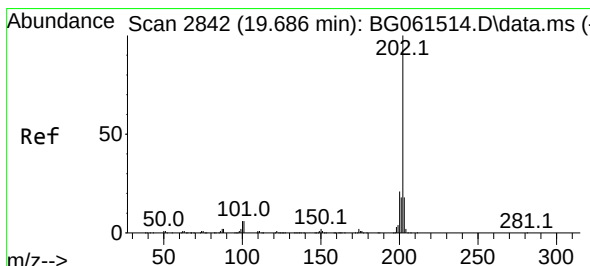
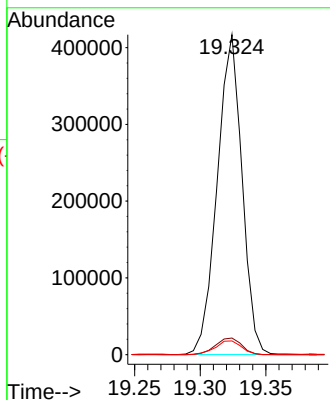
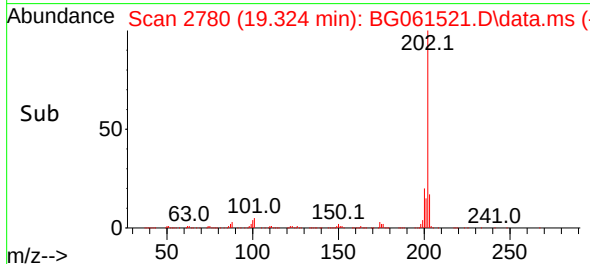
Instrument :  
BNA\_G  
ClientSampleId :  
E0005MSD



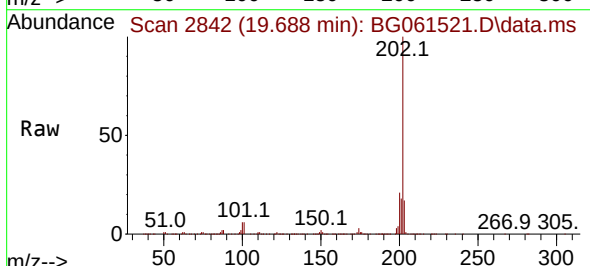
Tgt Ion:202 Resp: 546425  
Ion Ratio Lower Upper  
202 100  
101 5.2 4.8 7.2  
100 4.3 4.1 6.1

Manual Integrations  
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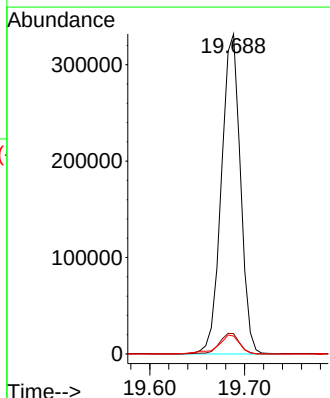
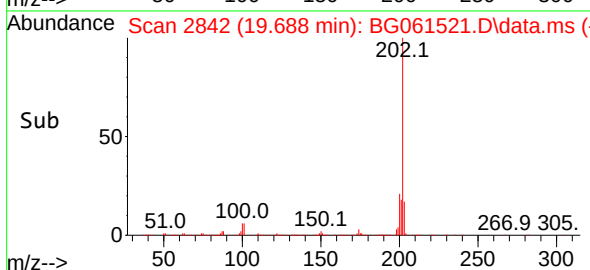
Reviewed By :Jagrut Upadhyay 06/07/2024  
Supervised By :mohammad ahmed 06/08/2024

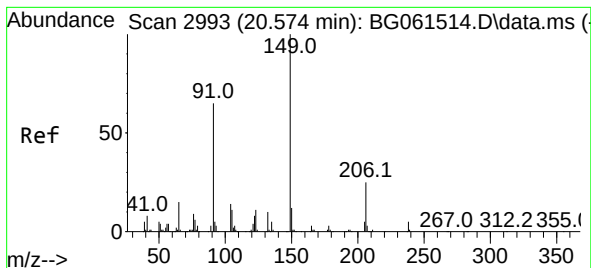


#82  
Pyrene  
Concen: 42.333 ng/u1  
RT: 19.688 min Scan# 2842  
Delta R.T. 0.002 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31



Tgt Ion:202 Resp: 464200  
Ion Ratio Lower Upper  
202 100  
101 6.3 5.7 8.5  
100 5.6 5.1 7.7





#83

Butylbenzylphthalate

Concen: 43.965 ng/ul

RT: 20.570 min Scan# 2993

Delta R.T. -0.003 min

Lab File: BG061521.D

Acq: 6 Jun 2024 22:31

Instrument :

BNA\_G

ClientSampleId :

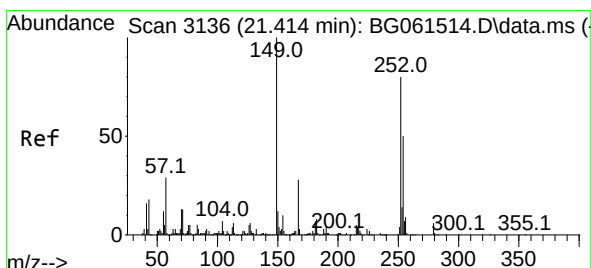
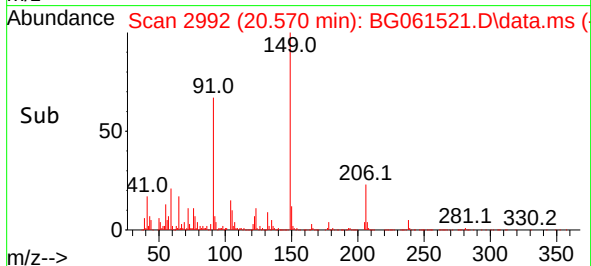
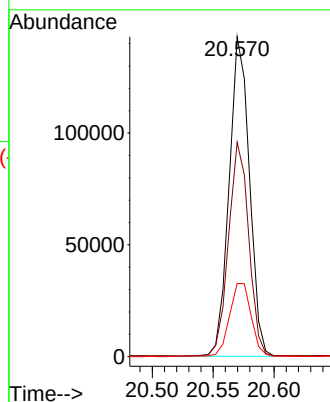
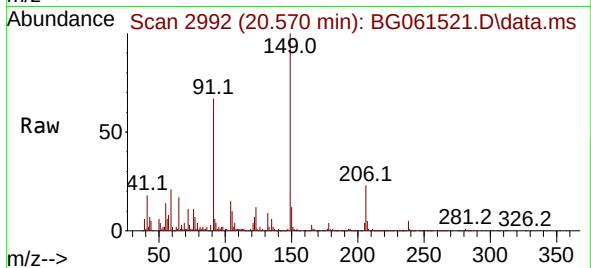
E0005MSD

|             |              |
|-------------|--------------|
| Tgt Ion:149 | Resp: 165610 |
| Ion Ratio   | Lower Upper  |
| 149 100     |              |
| 91 67.0     | 54.8 82.2    |
| 206 22.9    | 19.4 29.0    |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024  
Supervised By :mohammad ahmed 06/08/2024



#84

3,3'-Dichlorobenzidine

Concen: 34.465 ng/ul

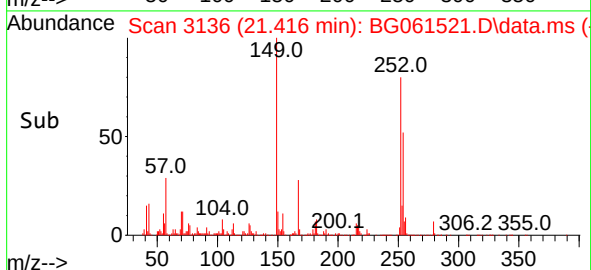
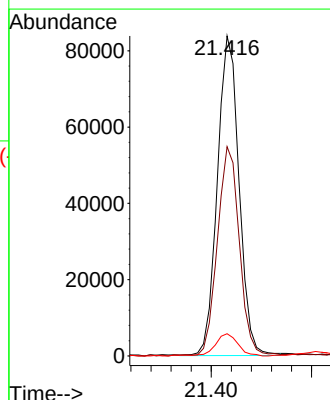
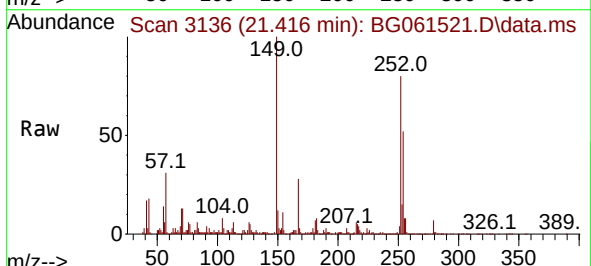
RT: 21.416 min Scan# 3136

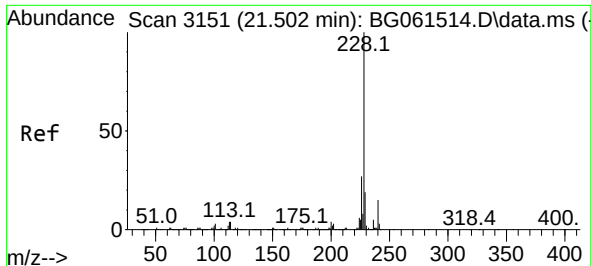
Delta R.T. -0.003 min

Lab File: BG061521.D

Acq: 6 Jun 2024 22:31

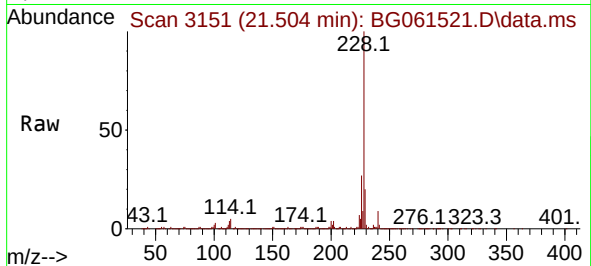
|             |              |
|-------------|--------------|
| Tgt Ion:252 | Resp: 125468 |
| Ion Ratio   | Lower Upper  |
| 252 100     |              |
| 254 65.4    | 52.7 79.1    |
| 126 6.9     | 5.0 7.6      |





#85  
Benzo(a)anthracene  
Concen: 48.917 ng/ul  
RT: 21.504 min Scan# 3151  
Delta R.T. 0.002 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

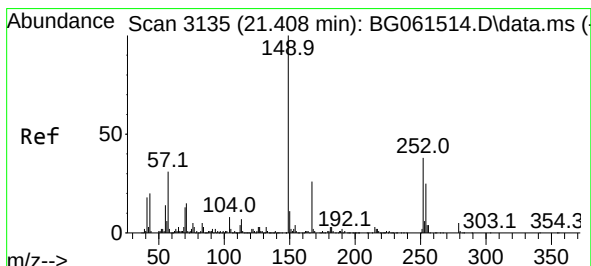
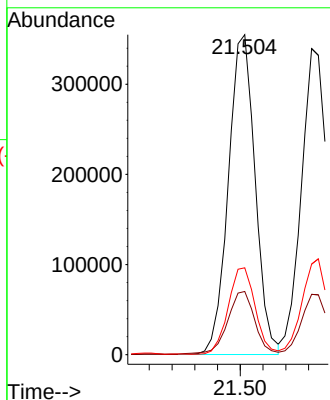
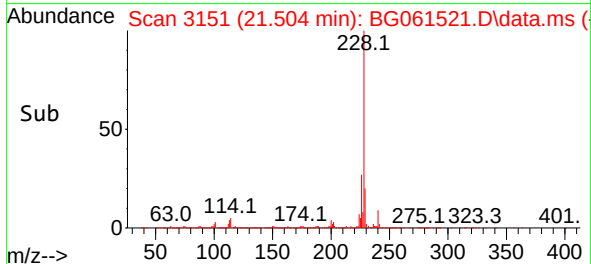
Instrument :  
BNA\_G  
ClientSampleId :  
E0005MSD



Tgt Ion:228 Resp: 57888  
Ion Ratio Lower Upper  
228 100  
229 19.7 15.2 22.8  
226 27.1 21.4 32.2

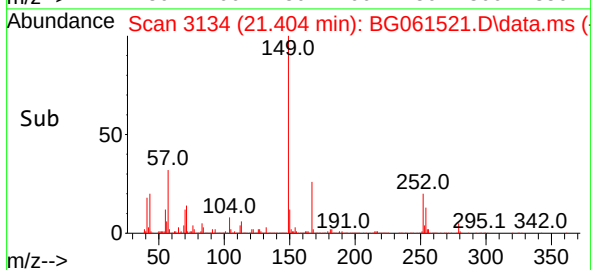
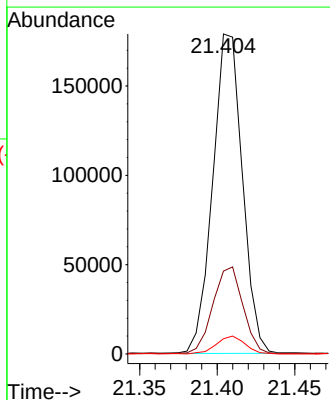
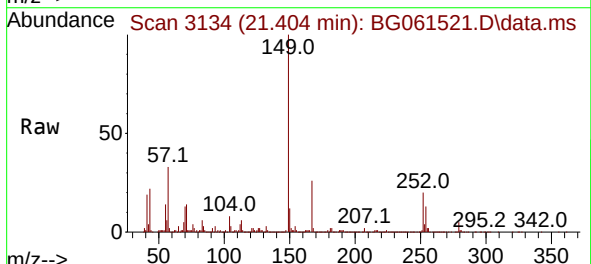
Manual Integrations  
APPROVED

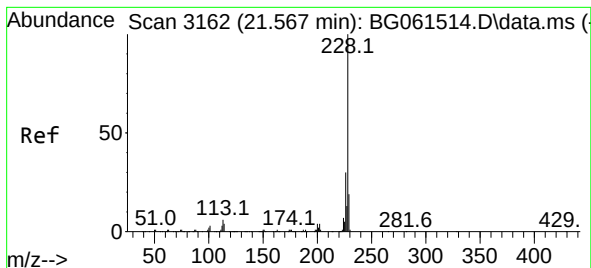
Reviewed By :Jagrut Upadhyay 06/07/2024  
Supervised By :mohammad ahmed 06/08/2024



#86  
Bis(2-ethylhexyl)phthalate  
Concen: 42.660 ng/ul  
RT: 21.404 min Scan# 3134  
Delta R.T. -0.003 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

Tgt Ion:149 Resp: 237872  
Ion Ratio Lower Upper  
149 100  
167 25.9 21.1 31.7  
279 4.7 3.3 4.9





#87

Chrysene

Concen: 49.488 ng/ul

RT: 21.563 min Scan# 3161

Delta R.T. -0.003 min

Lab File: BG061521.D

Acq: 6 Jun 2024 22:31

Instrument :

BNA\_G

ClientSampleId :

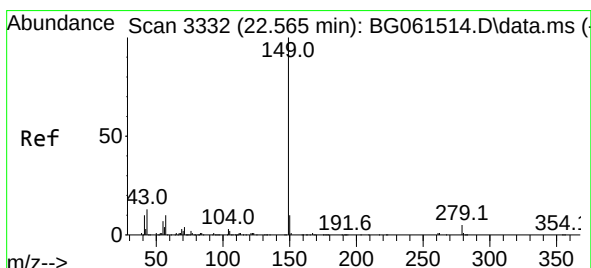
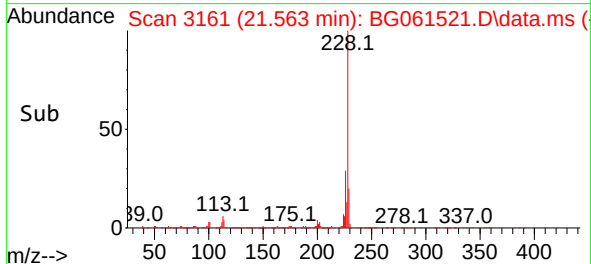
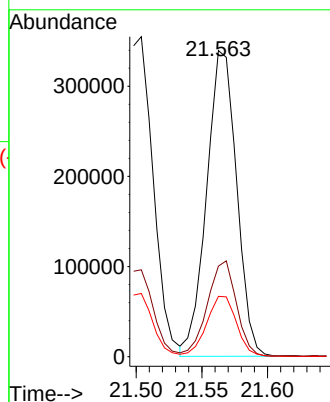
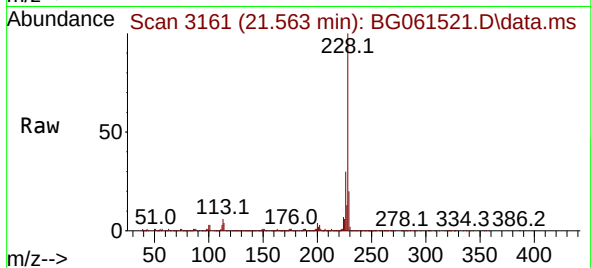
E0005MSD

Tgt Ion:228 Resp: 539245  
 Ion Ratio Lower Upper  
 228 100  
 226 29.6 23.4 35.0  
 229 19.7 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024  
 Supervised By :mohammad ahmed 06/08/2024



#89

Di-n-octyl phthalate

Concen: 43.223 ng/ul

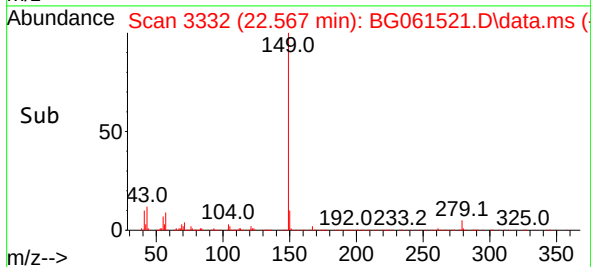
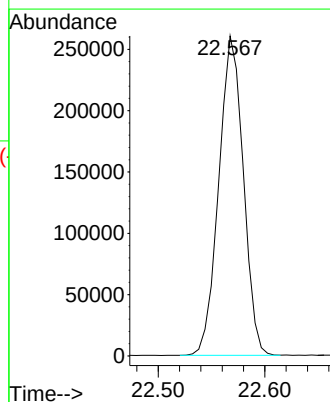
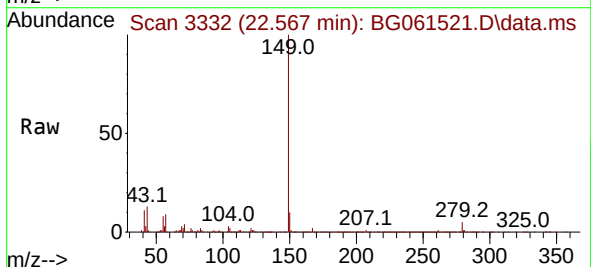
RT: 22.567 min Scan# 3332

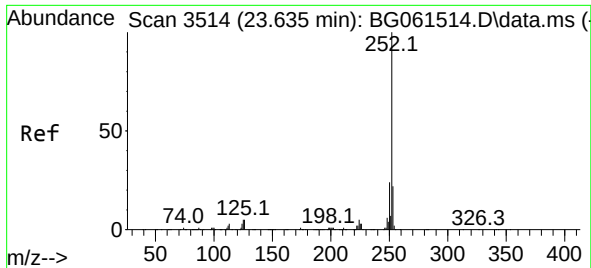
Delta R.T. 0.002 min

Lab File: BG061521.D

Acq: 6 Jun 2024 22:31

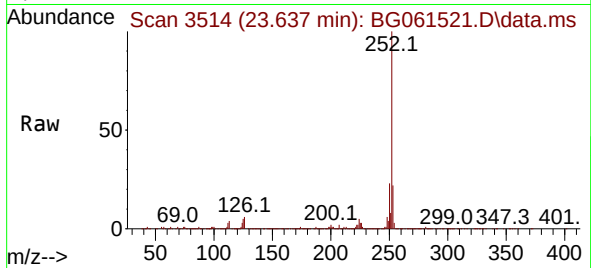
Tgt Ion:149 Resp: 415840





#90  
Benzo(b)fluoranthene  
Concen: 50.793 ng/ul  
RT: 23.637 min Scan# 3514  
Delta R.T. 0.002 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

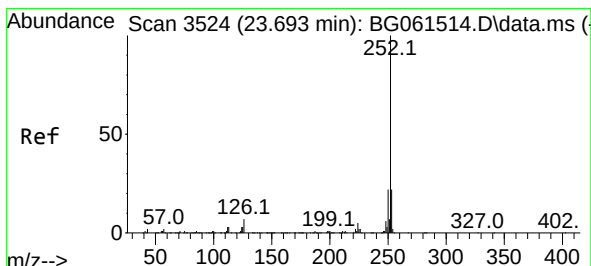
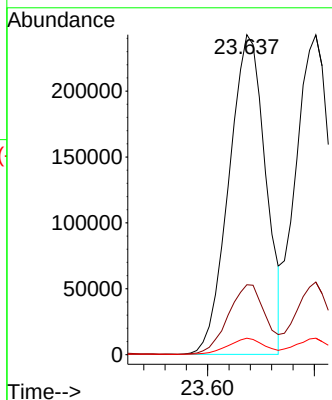
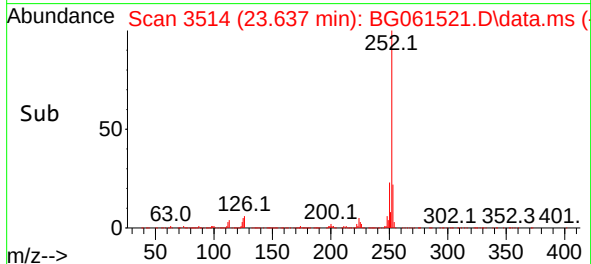
Instrument :  
BNA\_G  
ClientSampleId :  
E0005MSD



Tgt Ion:252 Resp: 581560  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.8 26.8  
125 5.1 4.6 6.8

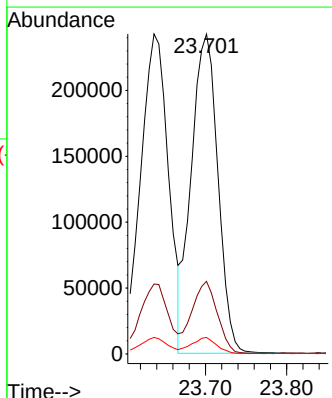
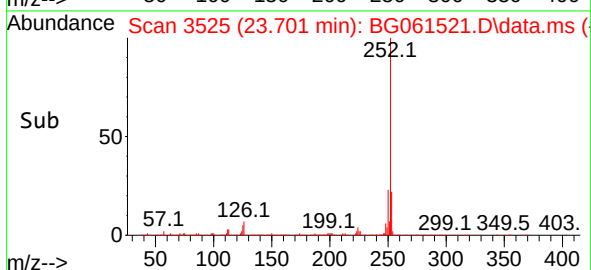
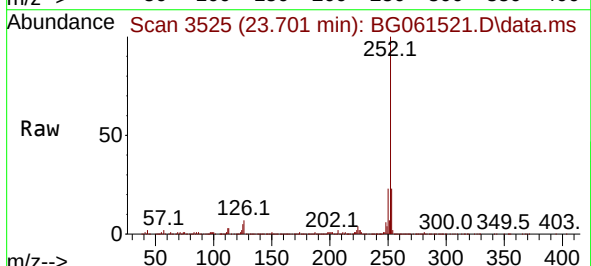
Manual Integrations  
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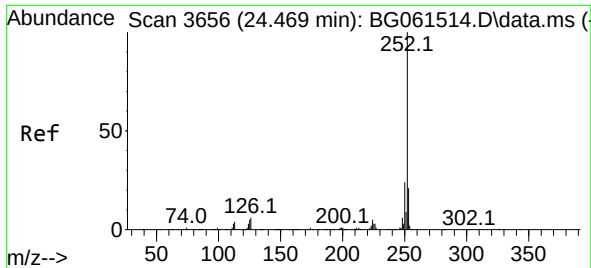
Reviewed By :Jagrut Upadhyay 06/07/2024  
Supervised By :mohammad ahmed 06/08/2024



#91  
Benzo(k)fluoranthene  
Concen: 47.493 ng/ul  
RT: 23.701 min Scan# 3525  
Delta R.T. 0.002 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

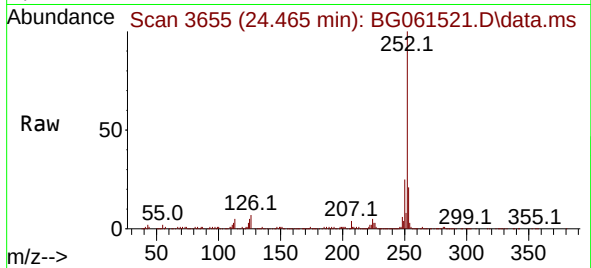
Tgt Ion:252 Resp: 552036  
Ion Ratio Lower Upper  
252 100  
253 22.7 16.0 24.0  
125 5.2 4.3 6.5





#93  
Benzo(a)pyrene  
Concen: 26.035 ng/u1  
RT: 24.465 min Scan# 30  
Delta R.T. -0.003 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

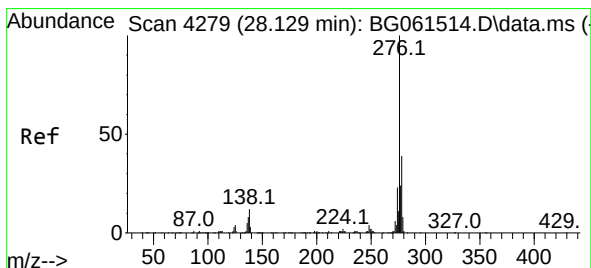
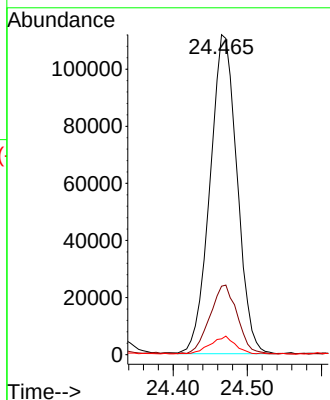
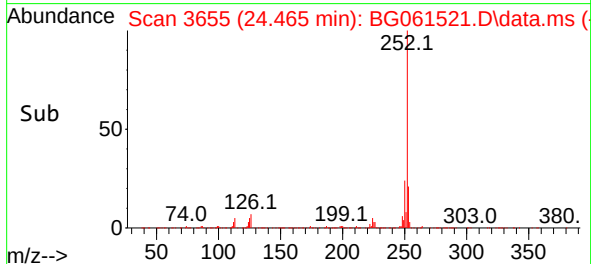
Instrument :  
BNA\_G  
ClientSampleId :  
E0005MSD



Tgt Ion:252 Resp: 28306  
Ion Ratio Lower Upper  
252 100  
253 21.4 16.4 24.6  
125 4.9 4.3 6.5

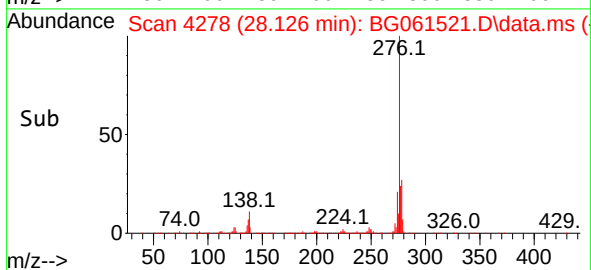
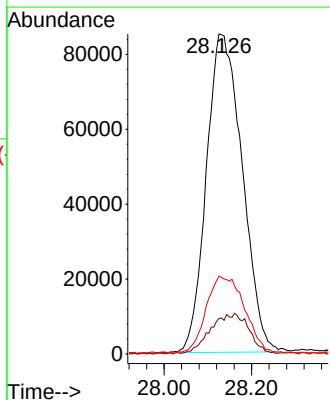
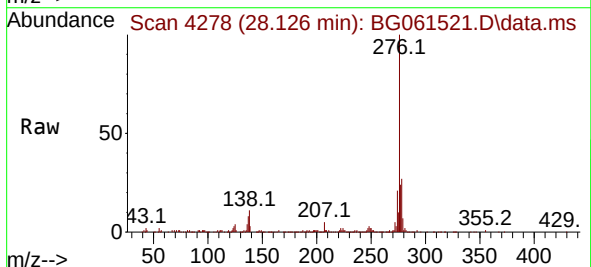
Manual Integrations  
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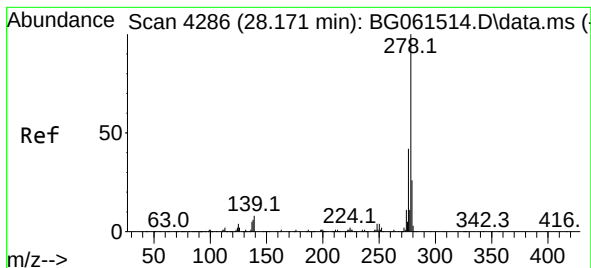
Reviewed By :Jagrut Upadhyay 06/07/2024  
Supervised By :mohammad ahmed 06/08/2024



#94  
Indeno(1,2,3-cd)pyrene  
Concen: 36.766 ng/u1  
RT: 28.126 min Scan# 4278  
Delta R.T. -0.009 min  
Lab File: BG061521.D  
Acq: 6 Jun 2024 22:31

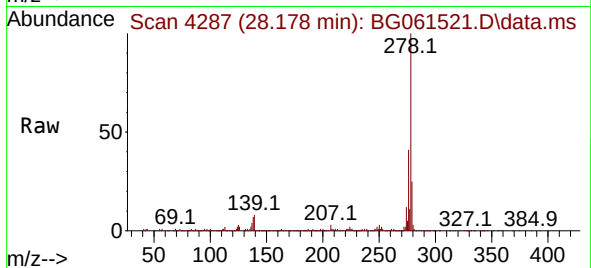
Tgt Ion:276 Resp: 483400  
Ion Ratio Lower Upper  
276 100  
138 14.3 8.6 13.0#  
277 24.3 19.7 29.5





#95  
 Dibenzo(a,h)anthracene  
 Concen: 45.448 ng/ul  
 RT: 28.178 min Scan# 41  
 Delta R.T. 0.008 min  
 Lab File: BG061521.D  
 Acq: 6 Jun 2024 22:31

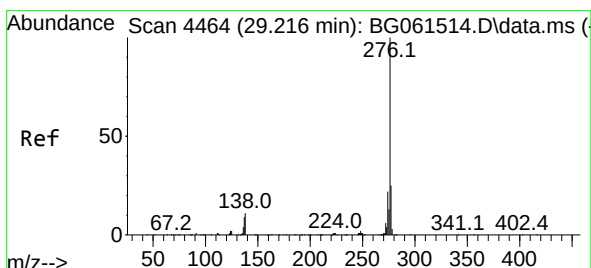
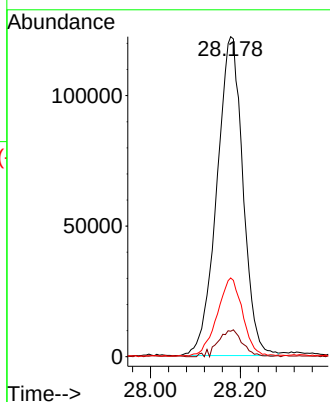
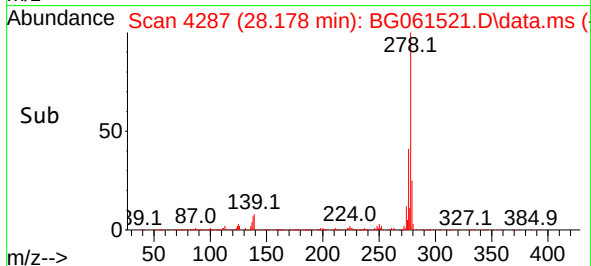
Instrument :  
 BNA\_G  
 ClientSampleId :  
 E0005MSD



Tgt Ion:278 Resp: 492704  
 Ion Ratio Lower Upper  
 278 100  
 139 8.0 6.4 9.6  
 279 24.6 19.9 29.9

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024  
 Supervised By :mohammad ahmed 06/08/2024



#96  
 Benzo(g,h,i)perylene  
 Concen: 4.758 ng/ul m  
 RT: 29.218 min Scan# 4464  
 Delta R.T. -0.003 min  
 Lab File: BG061521.D  
 Acq: 6 Jun 2024 22:31

Tgt Ion:276 Resp: 49768  
 Ion Ratio Lower Upper  
 276 100  
 138 10.6 8.7 13.1  
 277 22.2 18.2 27.2

