

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG051424\  
 Data File : BG061197.D  
 Acq On : 14 May 2024 20:00  
 Operator : MA/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024  
 Supervised By :mohammad ahmed 05/17/2024

Quant Time: May 15 01:19:34 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG043024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 01 05:11:25 2024  
 Response via : Initial Calibration

05/15/2024  
 Supervised By :mohammad  
 ahmed

05/17/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|--------|-------|-----------|
| Internal Standards            |        |      |          |        |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 7.931  | 152  | 30624    | 20.000 | ng    | -0.03     |
| 21) Naphthalene-d8            | 10.728 | 136  | 101700   | 20.000 | ng    | -0.03     |
| 39) Acenaphthene-d10          | 14.565 | 164  | 74859    | 20.000 | ng    | -0.02     |
| 64) Phenanthrene-d10          | 17.309 | 188  | 168178   | 20.000 | ng    | -0.02     |
| 76) Chrysene-d12              | 21.568 | 240  | 172691   | 20.000 | ng    | #-0.02    |
| 86) Perylene-d12              | 24.694 | 264  | 217054   | 20.000 | ng    | -0.04     |
| System Monitoring Compounds   |        |      |          |        |       |           |
| 5) 2-Fluorophenol             | 5.522  | 112  | 116310   | 77.241 | ng    | -0.02     |
| 7) Phenol-d6                  | 7.115  | 99   | 160837   | 72.203 | ng    | -0.02     |
| 23) Nitrobenzene-d5           | 9.089  | 82   | 171242   | 83.469 | ng    | -0.03     |
| 42) 2,4,6-Tribromophenol      | 16.057 | 330  | 102646   | 68.600 | ng    | -0.02     |
| 45) 2-Fluorobiphenyl          | 13.184 | 172  | 431637   | 85.263 | ng    | -0.02     |
| 79) Terphenyl-d14             | 19.929 | 244  | 786548   | 75.750 | ng    | -0.02     |
| Target Compounds              |        |      |          |        |       |           |
| 2) 1,4-Dioxane                | 3.443  | 88   | 19478    | 31.992 | ng    | Qvalue 98 |
| 3) Pyridine                   | 3.830  | 79   | 55783    | 31.136 | ng    | 96        |
| 4) n-Nitrosodimethylamine     | 3.748  | 42   | 51720    | 30.047 | ng    | 97        |
| 6) Aniline                    | 7.256  | 93   | 71667    | 32.454 | ng    | # 96      |
| 8) 2-Chlorophenol             | 7.502  | 128  | 66474    | 35.983 | ng    | 96        |
| 9) Benzaldehyde               | 7.074  | 77   | 49010    | 41.004 | ng    | 94        |
| 10) Phenol                    | 7.138  | 94   | 78500    | 34.653 | ng    | 98        |
| 11) bis(2-Chloroethyl)ether   | 7.356  | 93   | 56875    | 36.343 | ng    | 99        |
| 12) 1,3-Dichlorobenzene       | 7.820  | 146  | 81713    | 37.520 | ng    | 95        |
| 13) 1,4-Dichlorobenzene       | 7.967  | 146  | 81363    | 36.147 | ng    | 94        |
| 14) 1,2-Dichlorobenzene       | 8.284  | 146  | 78648    | 36.216 | ng    | 93        |
| 15) Benzyl Alcohol            | 8.172  | 79   | 62100    | 30.904 | ng    | 99        |
| 16) 2,2'-oxybis(1-Chloropr... | 8.454  | 45   | 121523   | 35.787 | ng    | 99        |
| 17) 2-Methylphenol            | 8.384  | 107  | 53681    | 33.253 | ng    | 90        |
| 18) Hexachloroethane          | 9.007  | 117  | 29006    | 36.115 | ng    | 95        |
| 19) n-Nitroso-di-n-propyla... | 8.730  | 70   | 50730    | 30.431 | ng    | # 85      |
| 20) 3+4-Methylphenols         | 8.713  | 107  | 74658    | 32.055 | ng    | 96        |
| 22) Acetophenone              | 8.748  | 105  | 106848   | 42.187 | ng    | # 96      |
| 24) Nitrobenzene              | 9.130  | 77   | 82165    | 40.940 | ng    | 98        |
| 25) Isophorone                | 9.653  | 82   | 141199   | 37.233 | ng    | 95        |
| 26) 2-Nitrophenol             | 9.841  | 139  | 36239    | 38.111 | ng    | 95        |
| 27) 2,4-Dimethylphenol        | 9.906  | 122  | 42208    | 38.501 | ng    | 94        |
| 28) bis(2-Chloroethoxy)met... | 10.135 | 93   | 72937    | 39.188 | ng    | 98        |
| 29) 2,4-Dichlorophenol        | 10.381 | 162  | 66548    | 38.743 | ng    | 93        |
| 30) 1,2,4-Trichlorobenzene    | 10.593 | 180  | 83035    | 40.120 | ng    | 97        |
| 31) Naphthalene               | 10.781 | 128  | 207745   | 39.304 | ng    | 98        |
| 32) Benzoic acid              | 10.058 | 122  | 30521m   | 24.084 | ng    |           |
| 33) 4-Chloroaniline           | 10.881 | 127  | 74129    | 35.166 | ng    | 97        |
| 34) Hexachlorobutadiene       | 11.057 | 225  | 78856    | 44.404 | ng    | 90        |
| 35) Caprolactam               | 11.674 | 113  | 17599    | 28.451 | ng    | 94        |
| 36) 4-Chloro-3-methylphenol   | 12.021 | 107  | 70743    | 34.155 | ng    | 95        |
| 37) 2-Methylnaphthalene       | 12.385 | 142  | 141718   | 35.780 | ng    | 98        |
| 38) 1-Methylnaphthalene       | 12.602 | 142  | 138264   | 34.675 | ng    | 93        |
| 40) 1,2,4,5-Tetrachloroben... | 12.755 | 216  | 109073   | 43.659 | ng    | 98        |
| 41) Hexachlorocyclopentadiene | 12.738 | 237  | 4648     | 4.860  | ng    | # 76      |
| 43) 2,4,6-Trichlorophenol     | 12.996 | 196  | 65606    | 40.904 | ng    | 97        |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG051424\  
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 Operator : MA/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

Manual Integrations  
 APPROVED

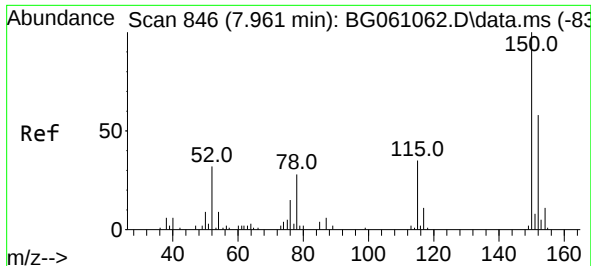
Reviewed By :Jagrut Upadhyay 05/15/2024  
 Supervised By :mohammad ahmed 05/17/2024

Quant Time: May 15 01:19:34 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG043024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 01 05:11:25 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |    |
|-------------------------------|--------|------|----------|--------|-------|----------|----|
| 44) 2,4,5-Trichlorophenol     | 13.078 | 196  | 72263    | 39.809 | ng    | 97       |    |
| 46) 1,1'-Biphenyl             | 13.396 | 154  | 196471   | 40.933 | ng    | 96       |    |
| 47) 2-Chloronaphthalene       | 13.437 | 162  | 162617   | 42.310 | ng    | 97       |    |
| 48) 2-Nitroaniline            | 13.636 | 65   | 55971    | 39.244 | ng    | 95       |    |
| 49) Acenaphthylene            | 14.283 | 152  | 244353   | 41.394 | ng    | 96       |    |
| 50) Dimethylphthalate         | 14.012 | 163  | 209708   | 36.269 | ng    | 100      |    |
| 51) 2,6-Dinitrotoluene        | 14.142 | 165  | 45192    | 36.541 | ng    | 93       |    |
| 52) Acenaphthene              | 14.624 | 154  | 142033   | 38.569 | ng    | 96       |    |
| 53) 3-Nitroaniline            | 14.465 | 138  | 40898    | 36.141 | ng    | 93       |    |
| 54) 2,4-Dinitrophenol         | 14.688 | 184  | 2399     | 4.868  | ng    | #        | 88 |
| 55) Dibenzofuran              | 14.958 | 168  | 237970   | 38.258 | ng    | 96       |    |
| 56) 4-Nitrophenol             | 14.800 | 139  | 28501    | 31.165 | ng    | 95       |    |
| 57) 2,4-Dinitrotoluene        | 14.935 | 165  | 62044    | 33.908 | ng    | 90       |    |
| 58) Fluorene                  | 15.611 | 166  | 197545   | 36.702 | ng    | 97       |    |
| 59) 2,3,4,6-Tetrachlorophenol | 15.193 | 232  | 66969    | 35.838 | ng    | 100      |    |
| 60) Diethylphthalate          | 15.381 | 149  | 197574   | 33.885 | ng    | 99       |    |
| 61) 4-Chlorophenyl-phenyle... | 15.605 | 204  | 118128   | 36.551 | ng    | 96       |    |
| 62) 4-Nitroaniline            | 15.634 | 138  | 45190    | 36.820 | ng    | 100      |    |
| 63) Azobenzene                | 15.899 | 77   | 166530   | 36.689 | ng    | 95       |    |
| 65) 4,6-Dinitro-2-methylph... | 15.699 | 198  | 6864     | 6.578  | ng    | 86       |    |
| 66) n-Nitrosodiphenylamine    | 15.816 | 169  | 171498   | 41.122 | ng    | 99       |    |
| 67) 4-Bromophenyl-phenylether | 16.498 | 248  | 83977    | 42.388 | ng    | 95       |    |
| 68) Hexachlorobenzene         | 16.621 | 284  | 100532   | 40.770 | ng    | 98       |    |
| 69) Atrazine                  | 16.768 | 200  | 63017    | 36.639 | ng    | 94       |    |
| 70) Pentachlorophenol         | 16.968 | 266  | 51167    | 33.776 | ng    | 94       |    |
| 71) Phenanthrene              | 17.350 | 178  | 301393   | 39.194 | ng    | 100      |    |
| 72) Anthracene                | 17.444 | 178  | 301635   | 39.311 | ng    | 98       |    |
| 73) Carbazole                 | 17.714 | 167  | 263315   | 39.030 | ng    | 100      |    |
| 74) Di-n-butylphthalate       | 18.272 | 149  | 306667   | 38.227 | ng    | 99       |    |
| 75) Fluoranthene              | 19.365 | 202  | 402325   | 38.190 | ng    | 99       |    |
| 77) Benzidine                 | 19.547 | 184  | 120891   | 37.441 | ng    | 97       |    |
| 78) Pyrene                    | 19.729 | 202  | 415386   | 37.835 | ng    | 98       |    |
| 80) Butylbenzylphthalate      | 20.616 | 149  | 131370   | 37.801 | ng    | 99       |    |
| 81) Benzo(a)anthracene        | 21.551 | 228  | 428625   | 37.930 | ng    | 99       |    |
| 82) 3,3'-Dichlorobenzidine    | 21.468 | 252  | 156046   | 38.371 | ng    | 98       |    |
| 83) Chrysene                  | 21.615 | 228  | 407561   | 38.495 | ng    | 98       |    |
| 84) Bis(2-ethylhexyl)phtha... | 21.463 | 149  | 185690   | 40.917 | ng    | 99       |    |
| 85) Di-n-octyl phthalate      | 22.644 | 149  | 324115   | 40.481 | ng    | 98       |    |
| 87) Indeno(1,2,3-cd)pyrene    | 28.249 | 276  | 449735m  | 31.265 | ng    |          |    |
| 88) Benzo(b)fluoranthene      | 23.707 | 252  | 429781   | 35.434 | ng    | 99       |    |
| 89) Benzo(k)fluoranthene      | 23.772 | 252  | 450332   | 38.593 | ng    | 99       |    |
| 90) Benzo(a)pyrene            | 24.553 | 252  | 383642   | 36.306 | ng    | 99       |    |
| 91) Dibenzo(a,h)anthracene    | 28.302 | 278  | 385513   | 32.362 | ng    | #        | 97 |
| 92) Benzo(g,h,i)perylene      | 29.353 | 276  | 323949m  | 27.365 | ng    |          |    |

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





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.931 min Scan# 84  
Delta R.T. -0.030 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:152 Resp: 30624  
Ion Ratio Lower Upper  
152 100  
150 140.9 138.3 207.5  
115 57.8 48.0 72.0

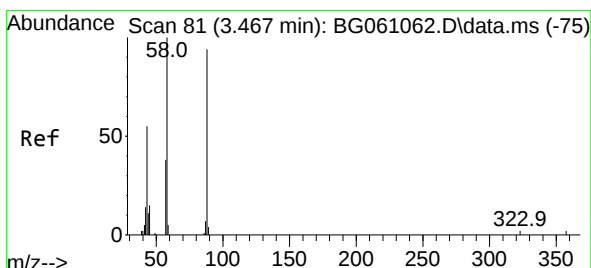
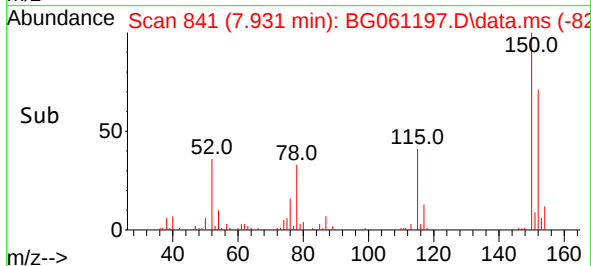
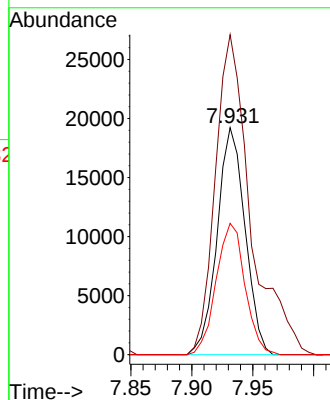
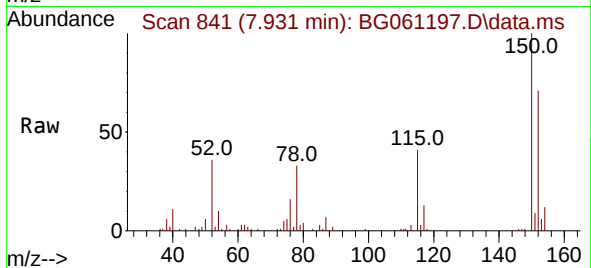
Manual Integrations  
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05/15/2024

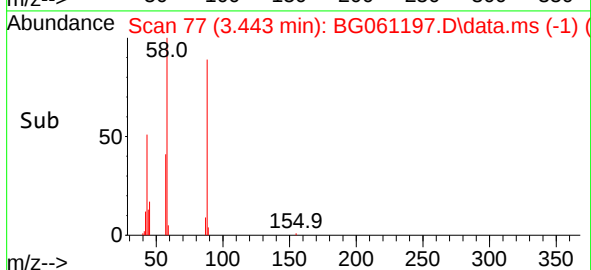
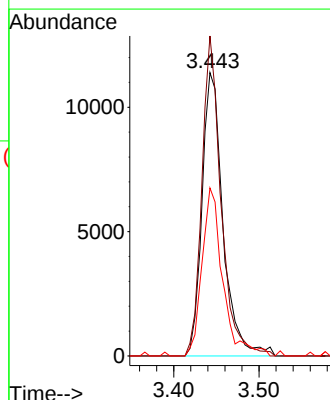
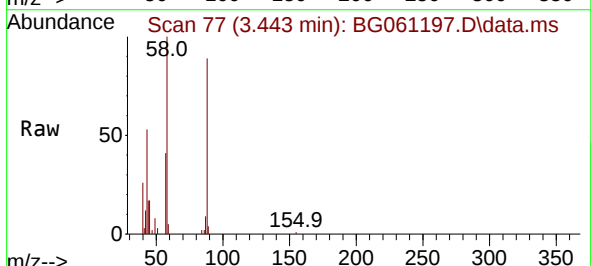
Supervised By :mohammad  
ahmed

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#2  
1,4-Dioxane  
Concen: 31.992 ng  
RT: 3.443 min Scan# 77  
Delta R.T. -0.024 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

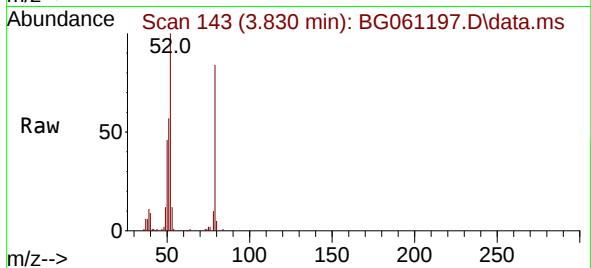
Tgt Ion: 88 Resp: 19478  
Ion Ratio Lower Upper  
88 100  
58 103.6 81.2 121.8  
43 58.4 45.0 67.4





#3  
Pyridine  
Concen: 31.136 ng  
RT: 3.830 min Scan# 147  
Delta R.T. -0.024 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



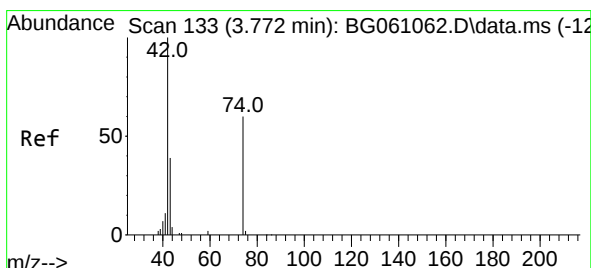
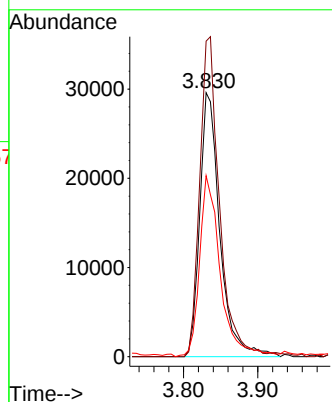
Tgt Ion: 79 Resp: 5578  
Ion Ratio Lower Upper  
79 100  
52 119.5 91.6 137.4  
51 68.6 57.0 85.4

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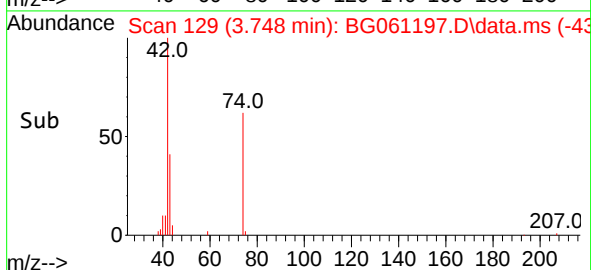
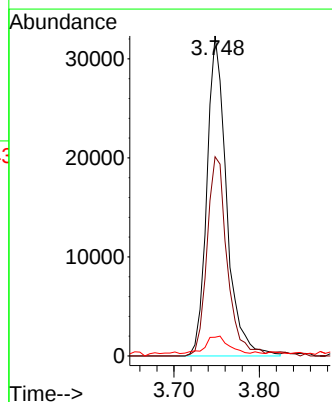
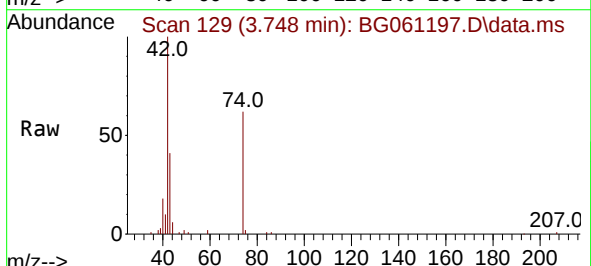
05/15/2024  
Supervised By :mohammad  
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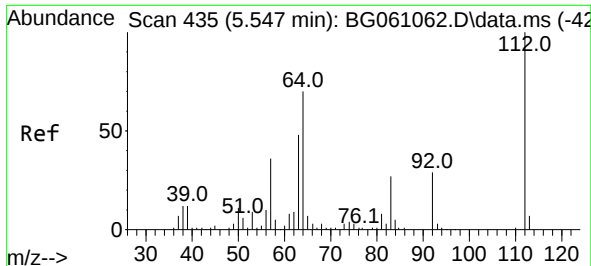
05/17/2024



#4  
n-Nitrosodimethylamine  
Concen: 30.047 ng  
RT: 3.748 min Scan# 129  
Delta R.T. -0.024 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Tgt Ion: 42 Resp: 51720  
Ion Ratio Lower Upper  
42 100  
74 62.3 47.8 71.8  
44 5.8 4.7 7.1





#5  
2-Fluorophenol  
Concen: 77.241 ng  
RT: 5.522 min Scan# 411  
Delta R.T. -0.024 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:112 Resp: 116310  
Ion Ratio Lower Upper  
112 100  
64 76.3 55.7 83.5  
63 46.4 38.1 57.1

Manual Integrations

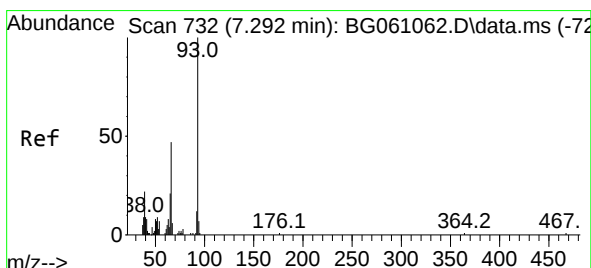
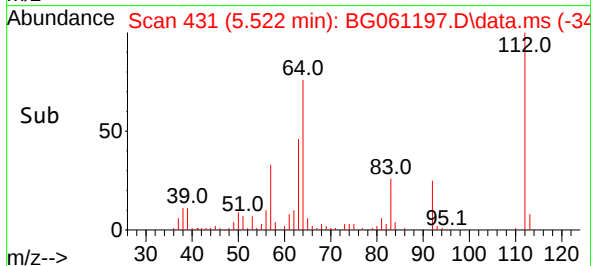
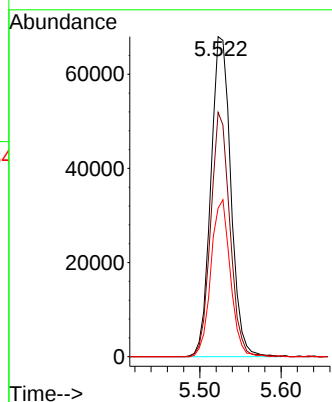
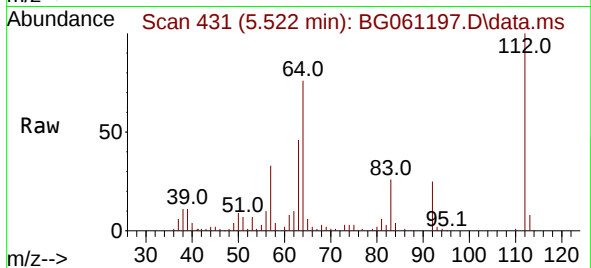
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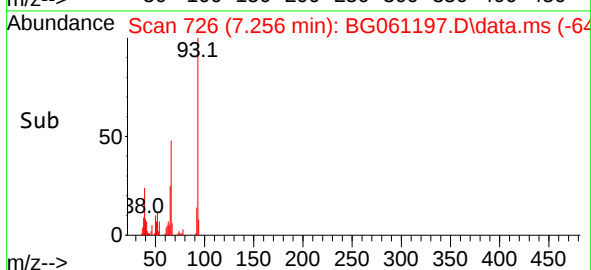
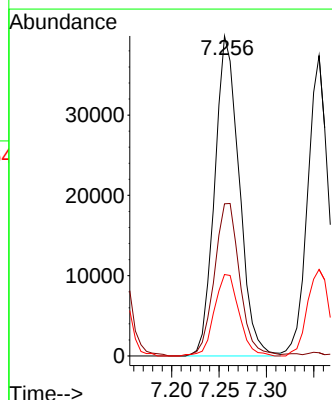
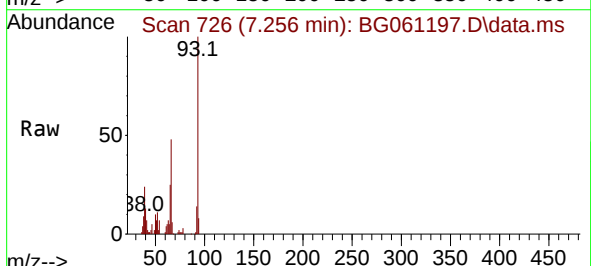
Supervised By :mohammad  
ahmed

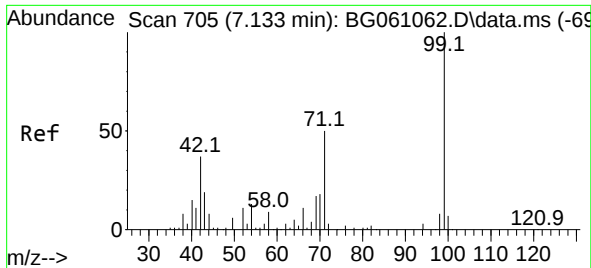
05/17/2024



#6  
Aniline  
Concen: 32.454 ng  
RT: 7.256 min Scan# 726  
Delta R.T. -0.036 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Tgt Ion: 93 Resp: 71667  
Ion Ratio Lower Upper  
93 100  
66 47.6 37.4 56.0  
65 25.5 16.6 24.8#





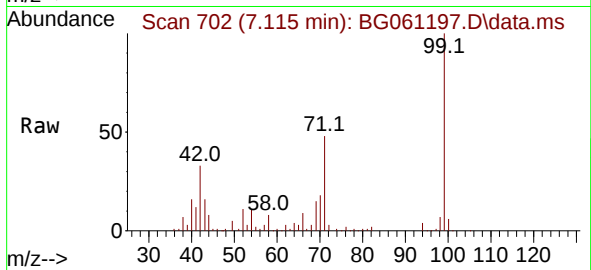
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Phenol-d6  
Concen: 72.203 ng  
RT: 7.115 min Scan# 705  
Delta R.T. -0.018 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 99 Resp: 16083  
Ion Ratio Lower Upper  
99 100  
42 33.2 29.2 43.8  
71 48.3 39.7 59.5

Manual Integrations

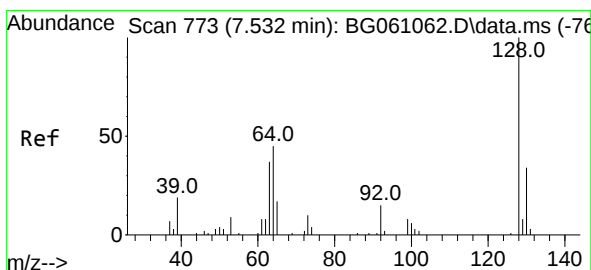
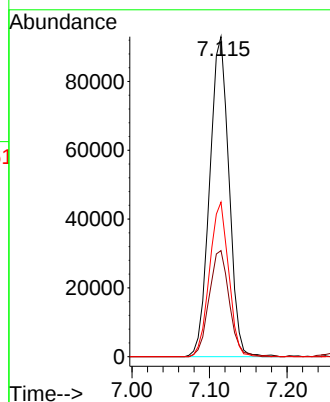
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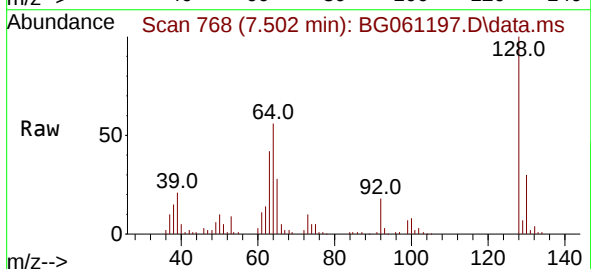
05/15/2024

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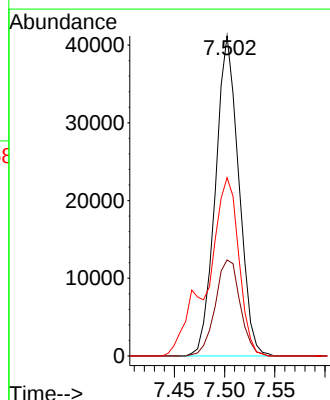
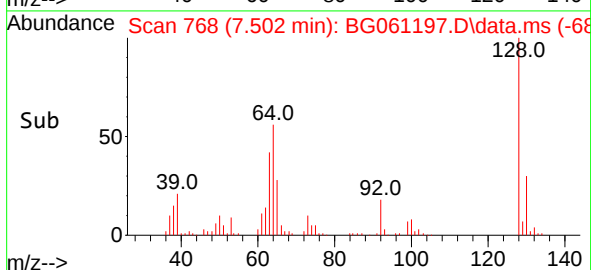
05/17/2024



#8  
2-Chlorophenol  
Concen: 35.983 ng  
RT: 7.502 min Scan# 768  
Delta R.T. -0.030 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00



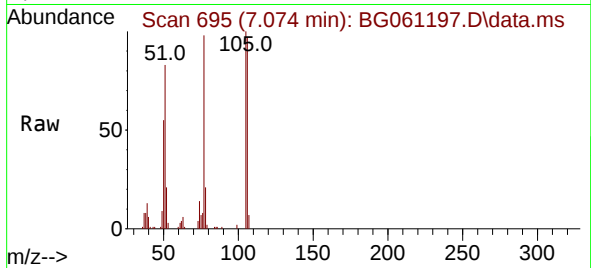
Tgt Ion:128 Resp: 66474  
Ion Ratio Lower Upper  
128 100  
130 30.0 14.1 54.1  
64 55.7 34.8 74.8





#9  
Benzaldehyde  
Concen: 41.004 ng  
RT: 7.074 min Scan# 695  
Delta R.T. -0.030 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



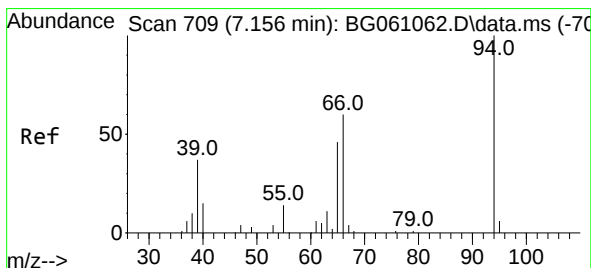
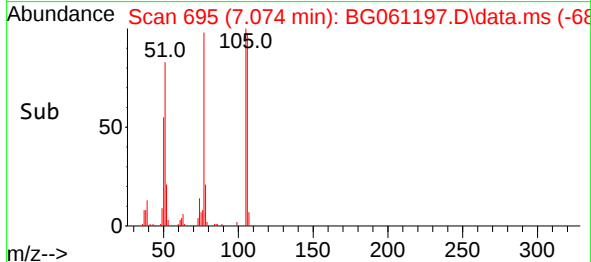
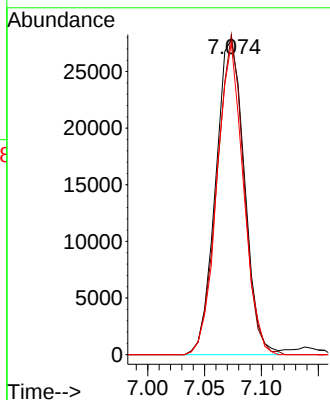
Tgt Ion: 77 Resp: 49010  
Ion Ratio Lower Upper  
77 100  
105 101.5 76.0 116.0  
106 98.9 72.3 112.3

Manual Integrations  
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Reviewed By :Jagrut Upadhyay 05/15/2024  
Supervised By :mohammad ahmed 05/17/2024

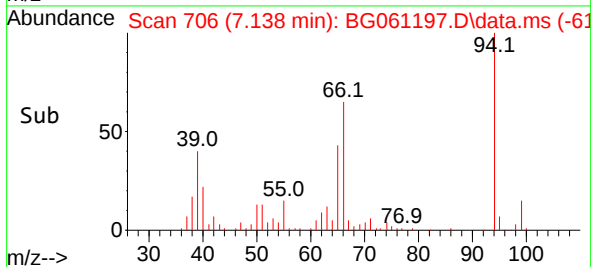
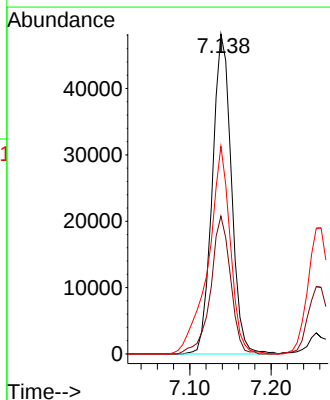
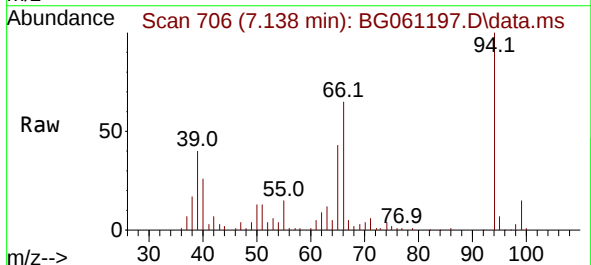
05/15/2024  
Supervised By :mohammad  
ahmed

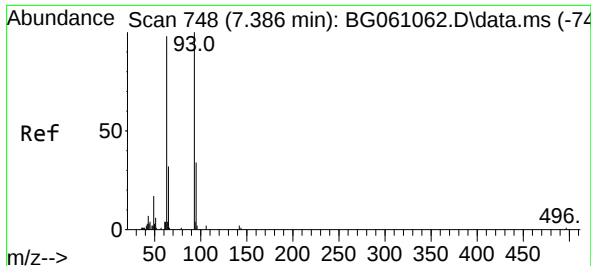
05/17/2024



#10  
Phenol  
Concen: 34.653 ng  
RT: 7.138 min Scan# 706  
Delta R.T. -0.018 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

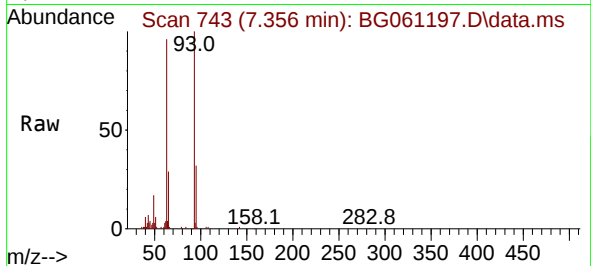
Tgt Ion: 94 Resp: 78500  
Ion Ratio Lower Upper  
94 100  
65 43.1 26.8 66.8  
66 64.9 44.7 84.7





#11  
bis(2-Chloroethyl)ether  
Concen: 36.343 ng  
RT: 7.356 min Scan# 748  
Delta R.T. -0.030 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

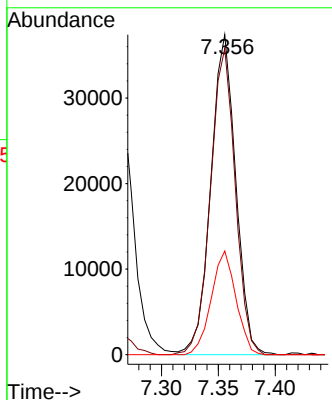
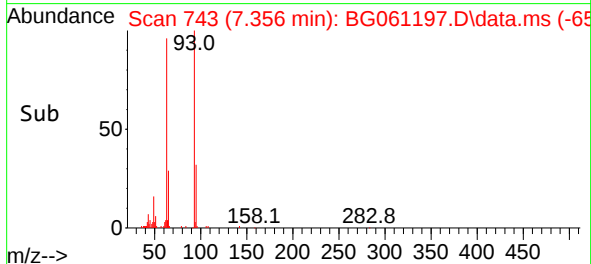
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



Tgt Ion: 93 Resp: 5687  
Ion Ratio Lower Upper  
93 100  
63 95.7 76.8 116.8  
95 32.4 13.6 53.6

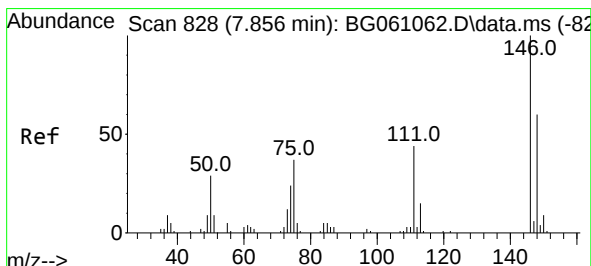
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Reviewed By :Jagrut Upadhyay 05/15/2024  
Supervised By :mohammad ahmed 05/17/2024



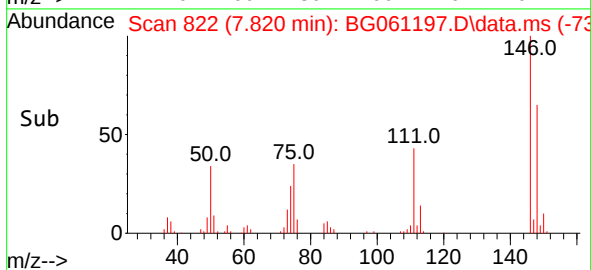
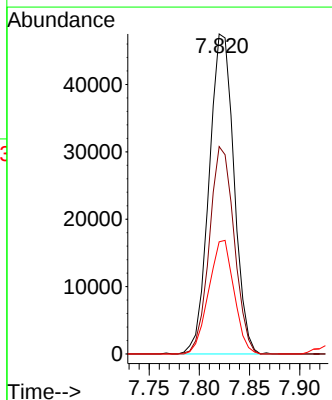
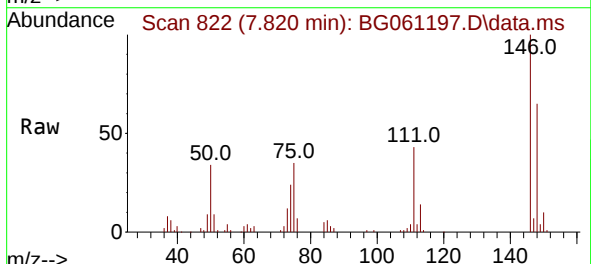
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ahmed

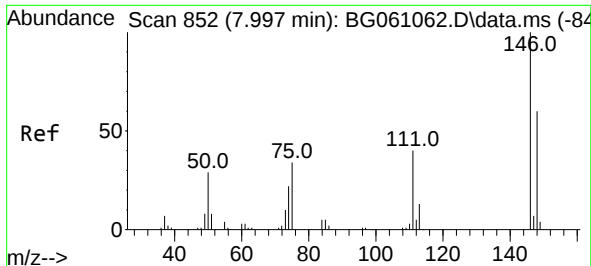
05/17/2024



#12  
1,3-Dichlorobenzene  
Concen: 37.520 ng  
RT: 7.820 min Scan# 822  
Delta R.T. -0.036 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Tgt Ion:146 Resp: 81713  
Ion Ratio Lower Upper  
146 100  
148 64.8 48.0 72.0  
75 35.1 29.5 44.3





#13

1,4-Dichlorobenzene

Concen: 36.147 ng

RT: 7.967 min Scan# 84

Delta R.T. -0.030 min

Lab File: BG061197.D

Acq: 14 May 2024 20:00

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 8136      |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 148         | 63.5  | 48.1 72.1 |
| 111         | 45.5  | 32.5 48.7 |

Manual Integrations

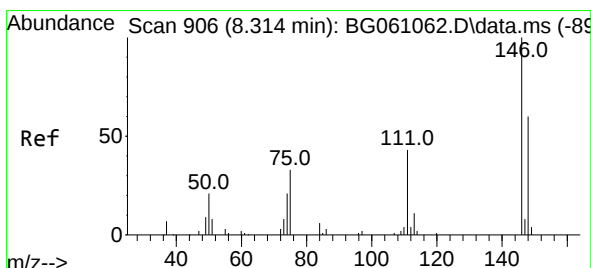
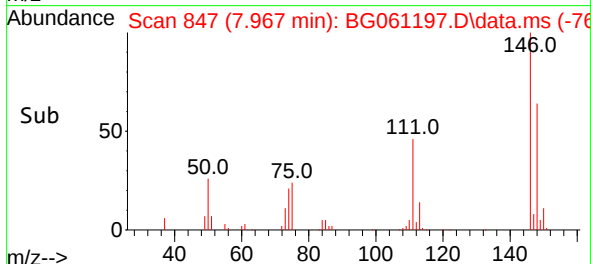
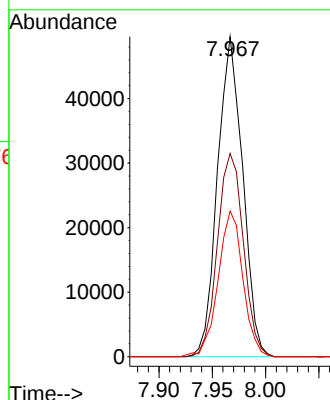
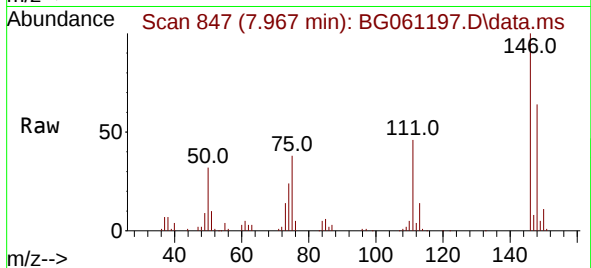
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Reviewed By :Jagrut Upadhyay 05/15/2024  
Supervised By :mohammad ahmed 05/17/2024

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ahmed

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#14

1,2-Dichlorobenzene

Concen: 36.216 ng

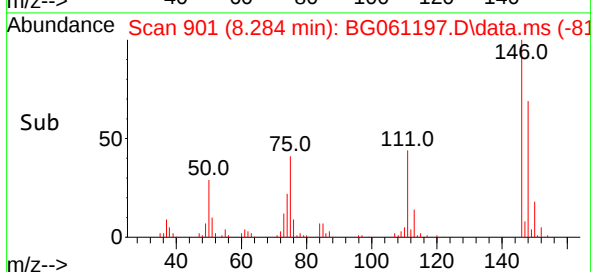
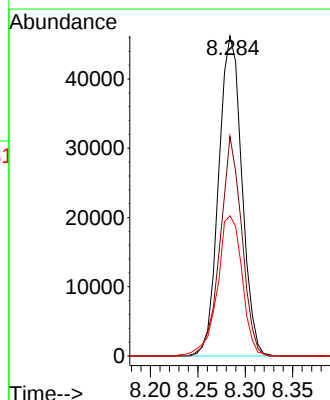
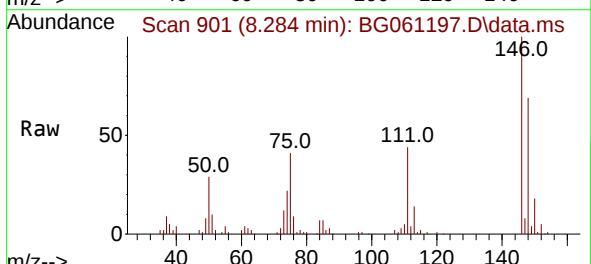
RT: 8.284 min Scan# 901

Delta R.T. -0.030 min

Lab File: BG061197.D

Acq: 14 May 2024 20:00

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 78648     |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 148         | 68.6  | 48.2 72.2 |
| 111         | 43.8  | 36.2 54.2 |





#15  
Benzyl Alcohol  
Concen: 30.904 ng  
RT: 8.172 min Scan# 81  
Delta R.T. -0.024 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

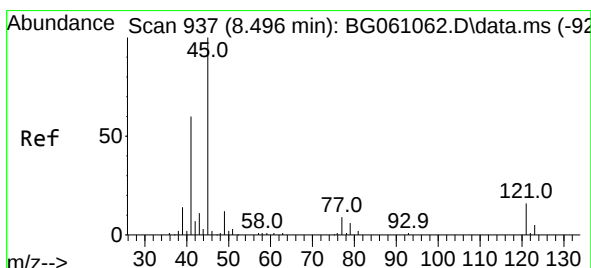
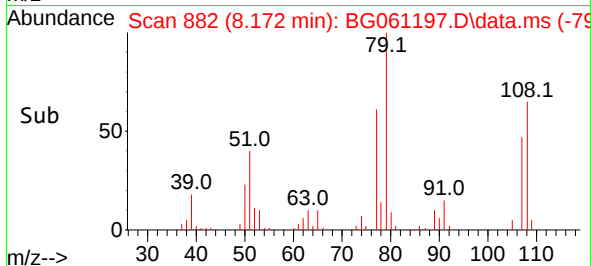
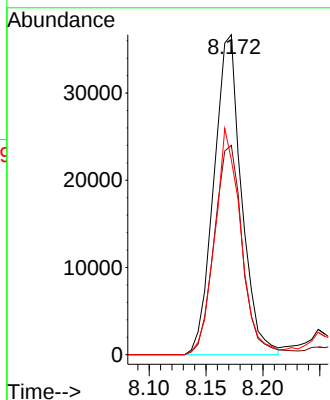
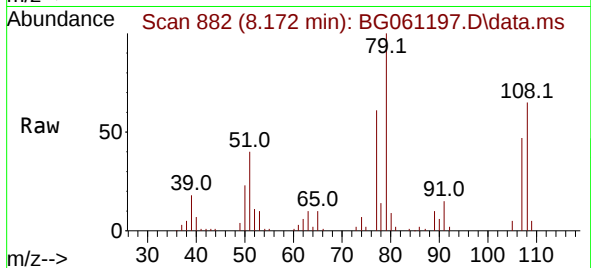
Tgt Ion: 79 Resp: 62100  
Ion Ratio Lower Upper  
79 100  
108 65.4 51.1 76.7  
77 60.9 49.0 73.6

Manual Integrations  
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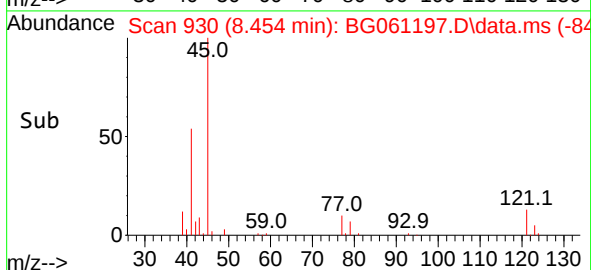
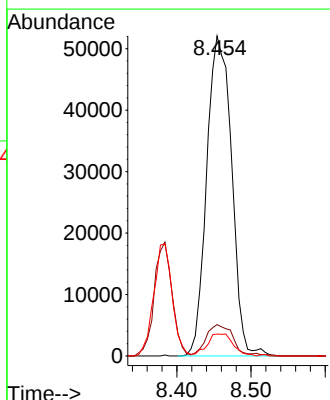
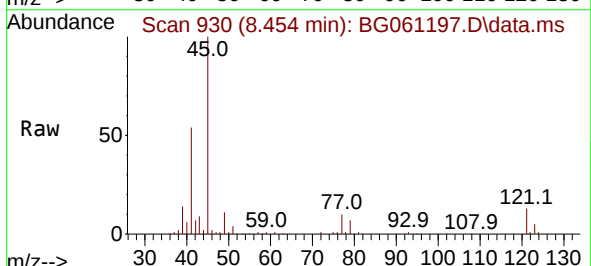
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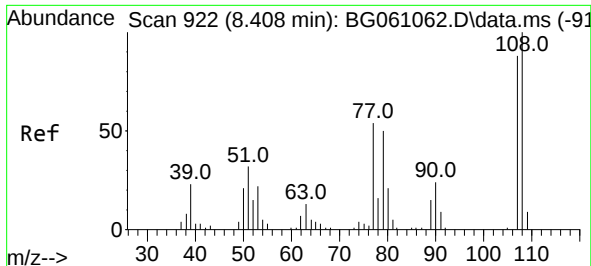
05/17/2024



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 35.787 ng  
RT: 8.454 min Scan# 930  
Delta R.T. -0.042 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Tgt Ion: 45 Resp: 121523  
Ion Ratio Lower Upper  
45 100  
77 9.8 0.0 30.2  
79 6.9 0.0 26.5





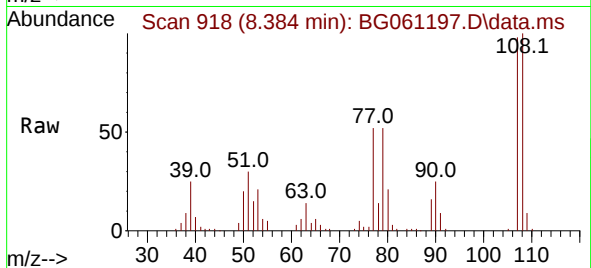
#17  
2-Methylphenol  
Concen: 33.253 ng  
RT: 8.384 min Scan# 91  
Delta R.T. -0.024 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC



Tgt Ion:107 Resp: 5368  
Ion Ratio Lower Upper  
107 100  
108 102.1 91.4 137.2  
77 53.6 49.4 74.2  
79 52.8 45.9 68.9

Manual Integrations

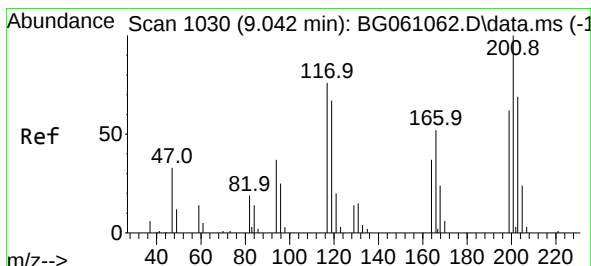
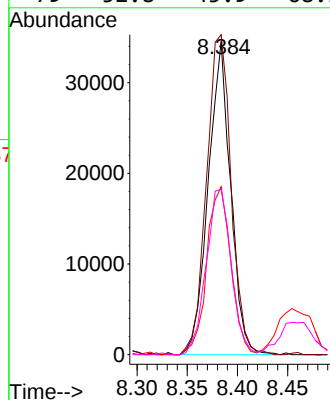
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Reviewed By :Jagrut Upadhyay 05/15/2024  
Supervised By :mohammad ahmed 05/17/2024

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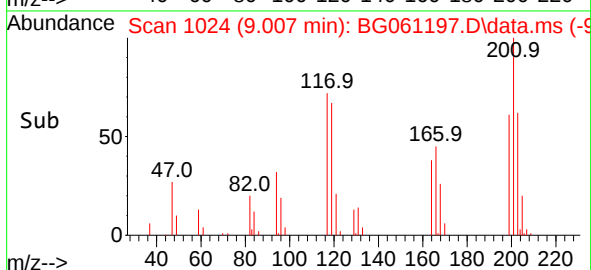
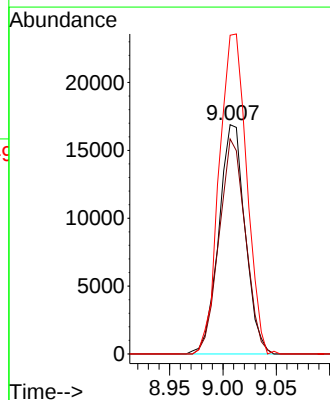
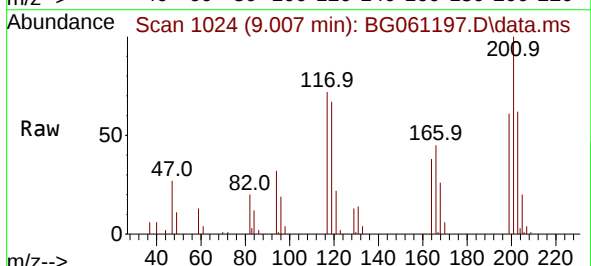
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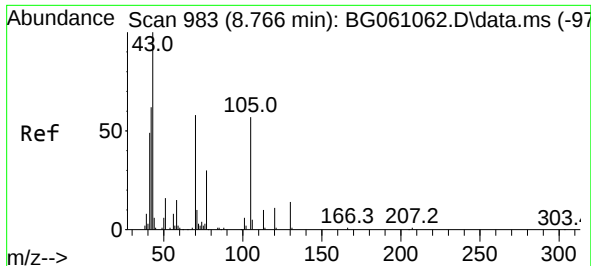
05/17/2024



#18  
Hexachloroethane  
Concen: 36.115 ng  
RT: 9.007 min Scan# 1024  
Delta R.T. -0.036 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

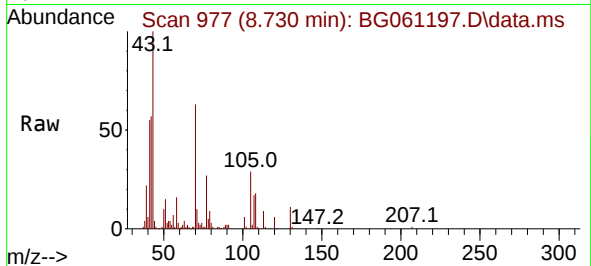
Tgt Ion:117 Resp: 29006  
Ion Ratio Lower Upper  
117 100  
119 93.8 71.4 107.0  
201 139.0 105.8 158.8





#19  
n-Nitroso-di-n-propylamine  
Concen: 30.431 ng  
RT: 8.730 min Scan# 911  
Delta R.T. -0.036 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

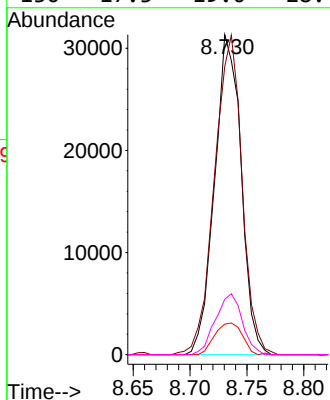
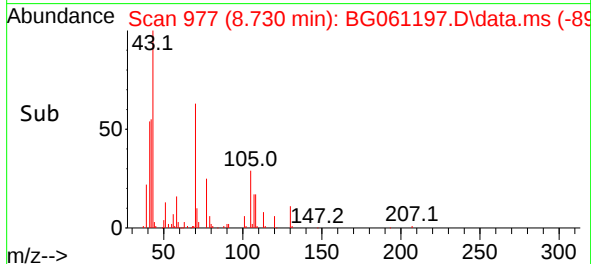
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



Tgt Ion: 70 Resp: 50730  
Ion Ratio Lower Upper  
70 100  
42 90.0 86.4 129.6  
101 9.6 7.8 11.8  
130 17.3 19.0 28.4

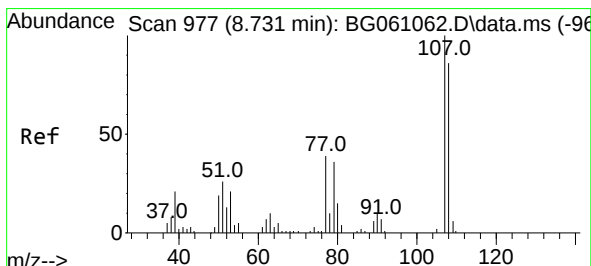
Manual Integrations  
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Supervised By :mohammad ahmed 05/17/2024



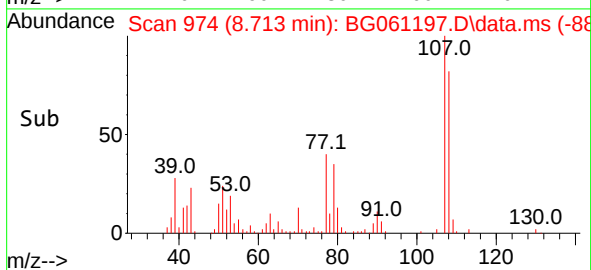
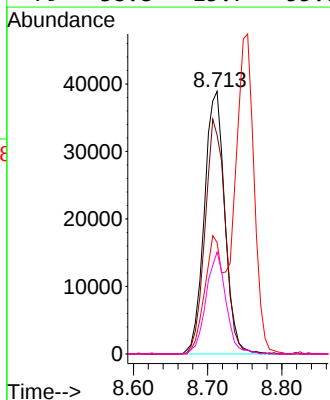
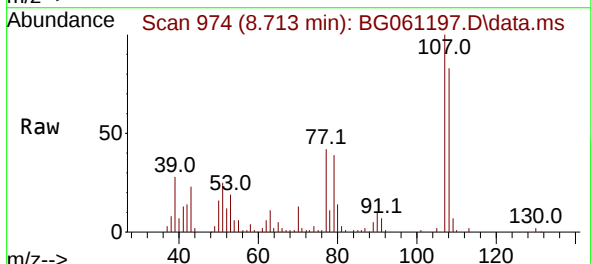
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ahmed

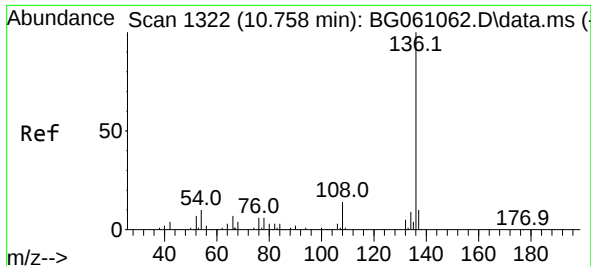
05/17/2024



#20  
3+4-Methylphenols  
Concen: 32.055 ng  
RT: 8.713 min Scan# 974  
Delta R.T. -0.018 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Tgt Ion:107 Resp: 74658  
Ion Ratio Lower Upper  
107 100  
108 83.4 65.7 105.7  
77 42.5 19.4 59.4  
79 38.8 15.7 55.7





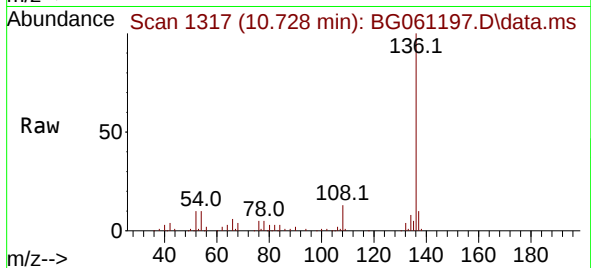
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.728 min Scan# 11  
Delta R.T. -0.030 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC



Tgt Ion:136 Resp: 101700  
Ion Ratio Lower Upper  
136 100  
137 10.4 7.8 11.6  
54 10.0 8.1 12.1  
68 4.3 3.0 4.4

Manual Integrations

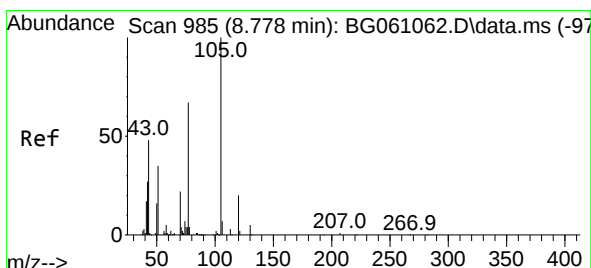
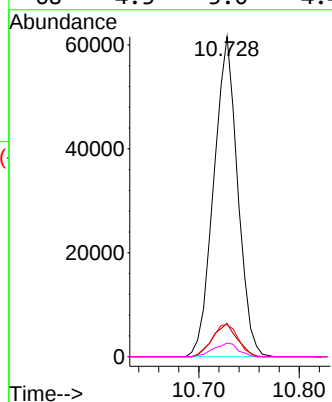
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Supervised By :mohammad ahmed 05/17/2024

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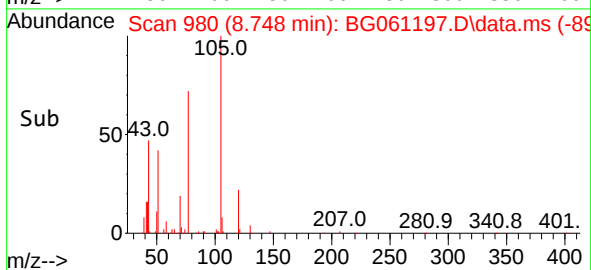
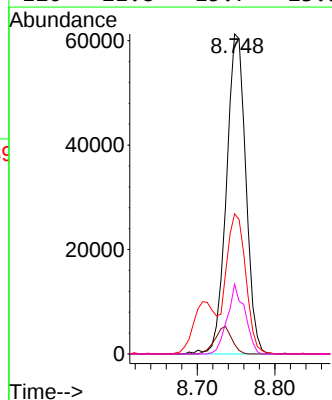
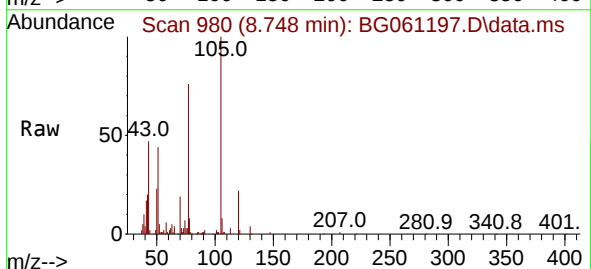
Supervised By :mohammad  
ahmed

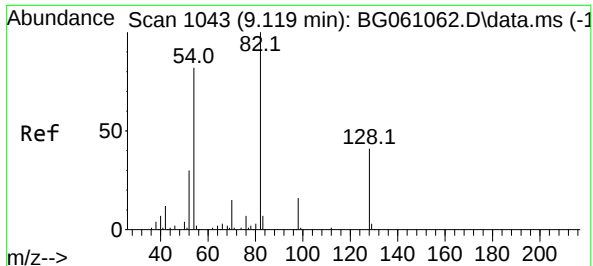
05/17/2024



#22  
Acetophenone  
Concen: 42.187 ng  
RT: 8.748 min Scan# 980  
Delta R.T. -0.030 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Tgt Ion:105 Resp: 106848  
Ion Ratio Lower Upper  
105 100  
71 3.0 3.3 4.9#  
51 43.8 36.7 55.1  
120 21.8 15.7 23.5





#23

Nitrobenzene-d5

Concen: 83.469 ng

RT: 9.089 min Scan# 1038

Delta R.T. -0.030 min

Lab File: BG061197.D

Acq: 14 May 2024 20:00

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 17124

Ion Ratio Lower Upper

82 100

128 39.9 32.7 49.1

54 80.4 65.6 98.4

Manual Integrations

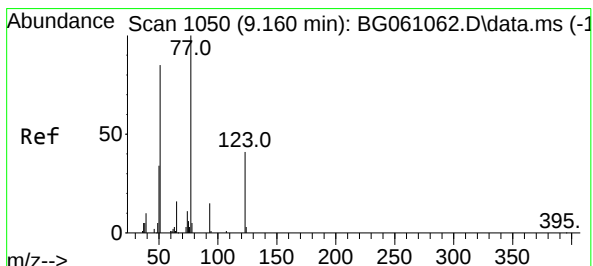
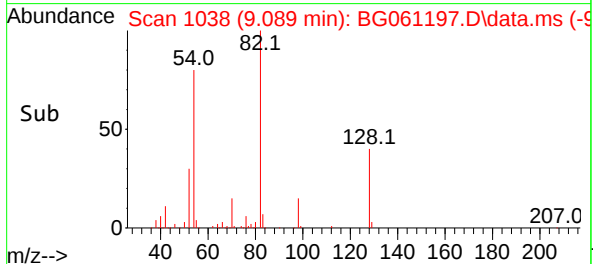
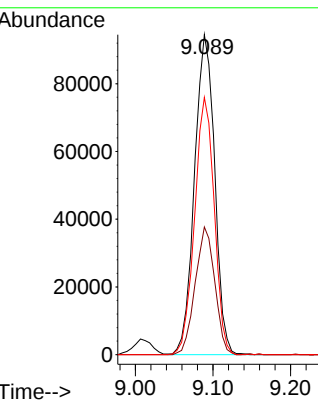
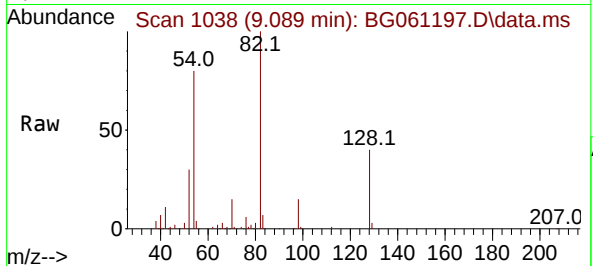
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Reviewed By :Jagrut Upadhyay 05/15/2024  
Supervised By :mohammad ahmed 05/17/2024

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Supervised By :mohammad  
ahmed

05/17/2024



#24

Nitrobenzene

Concen: 40.940 ng

RT: 9.130 min Scan# 1045

Delta R.T. -0.030 min

Lab File: BG061197.D

Acq: 14 May 2024 20:00

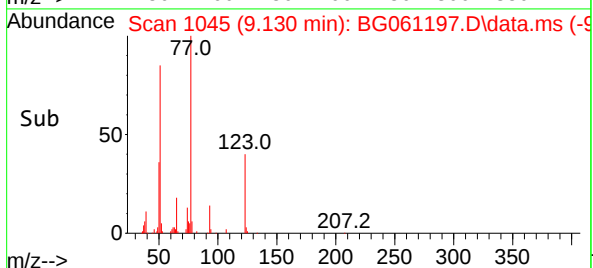
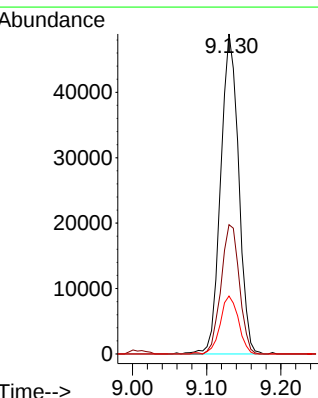
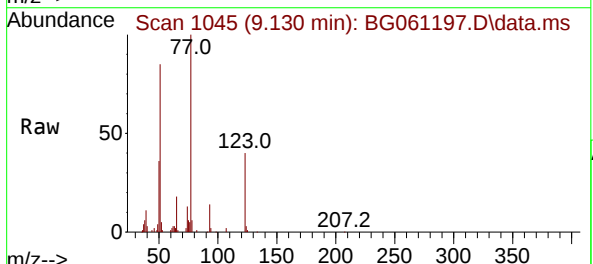
Tgt Ion: 77 Resp: 82165

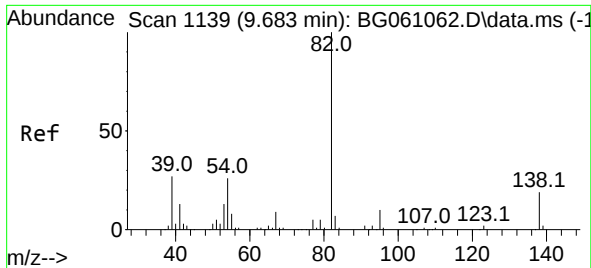
Ion Ratio Lower Upper

77 100

123 40.4 33.1 49.7

65 18.1 13.1 19.7





#25  
Isophorone  
Concen: 37.233 ng  
RT: 9.653 min Scan# 1119  
Delta R.T. -0.030 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 141199  
Ion Ratio Lower Upper  
82 100  
95 9.8 8.3 12.5  
138 15.9 15.2 22.8

Manual Integrations

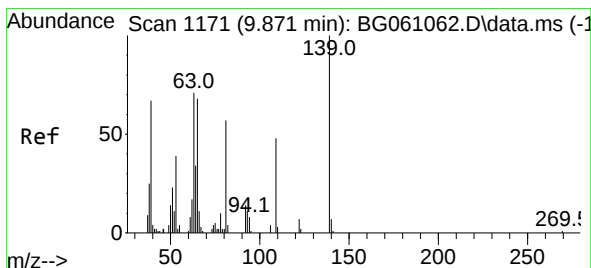
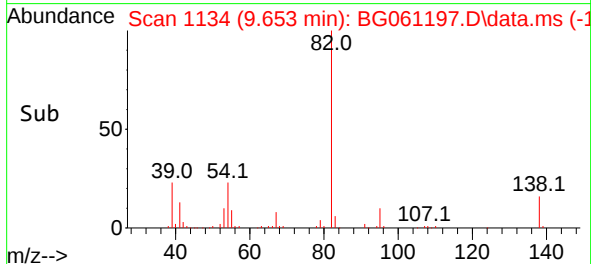
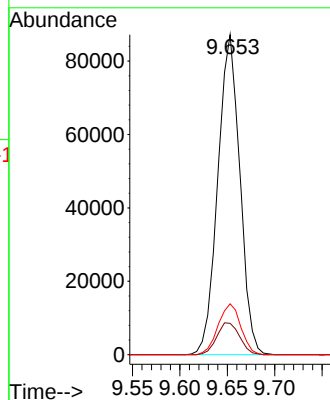
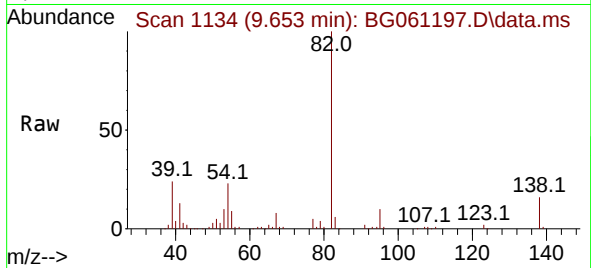
APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024  
Supervised By :mohammad ahmed 05/17/2024

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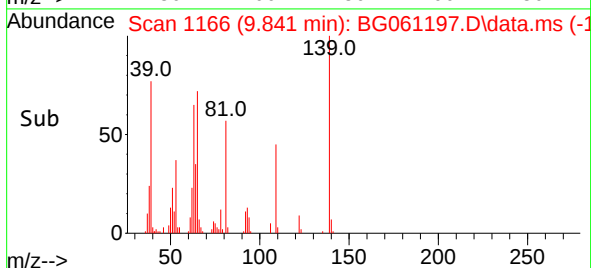
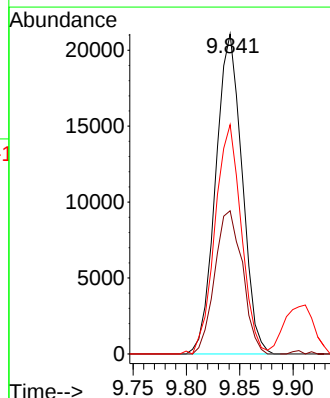
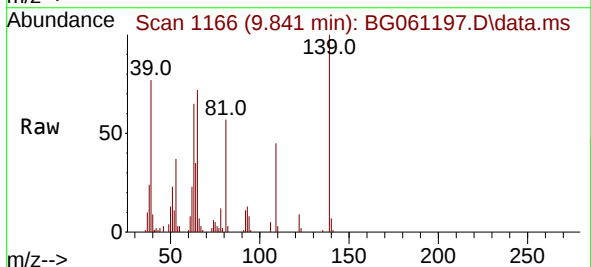
Supervised By :mohammad  
ahmed

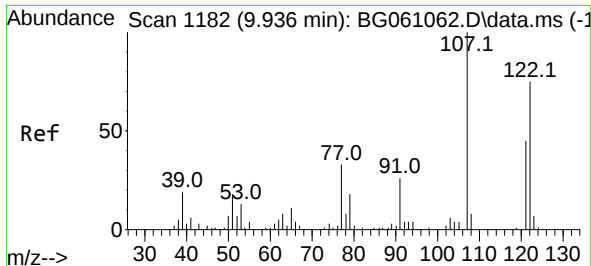
05/17/2024



#26  
2-Nitrophenol  
Concen: 38.111 ng  
RT: 9.841 min Scan# 1166  
Delta R.T. -0.030 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Tgt Ion:139 Resp: 36239  
Ion Ratio Lower Upper  
139 100  
109 44.8 38.5 57.7  
65 71.6 54.5 81.7





#27

2,4-Dimethylphenol

Concen: 38.501 ng

RT: 9.906 min Scan# 1182

Delta R.T. -0.030 min

Lab File: BG061197.D

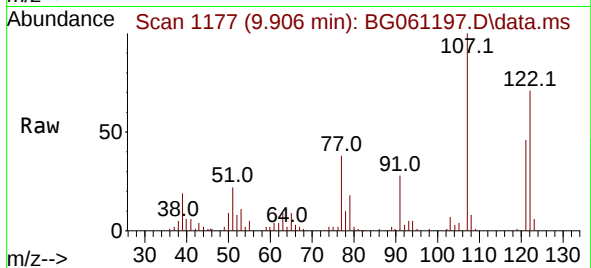
Acq: 14 May 2024 20:00

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC



| Tgt Ion:  | 122   | Resp: | 42208 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 122       | 100   |       |       |
| 107       | 140.4 | 106.9 | 160.3 |
| 121       | 64.7  | 48.5  | 72.7  |

Manual Integrations

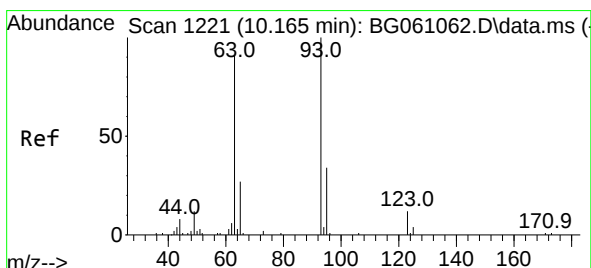
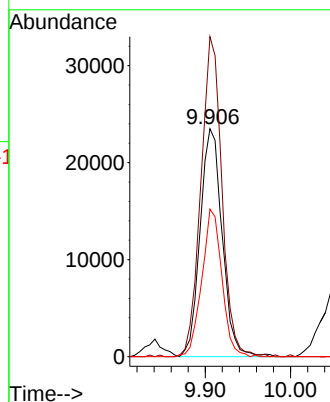
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Reviewed By :Jagrut Upadhyay 05/15/2024  
Supervised By :mohammad ahmed 05/17/2024

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Supervised By :mohammad  
ahmed

05/17/2024



#28

bis(2-Chloroethoxy)methane

Concen: 39.188 ng

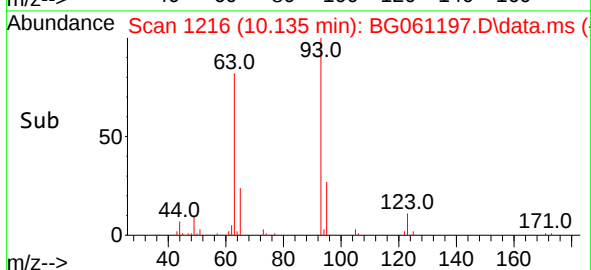
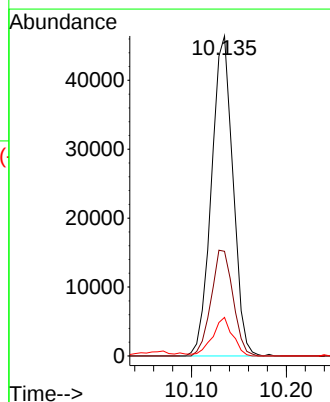
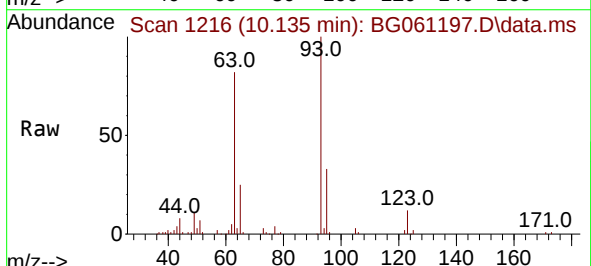
RT: 10.135 min Scan# 1216

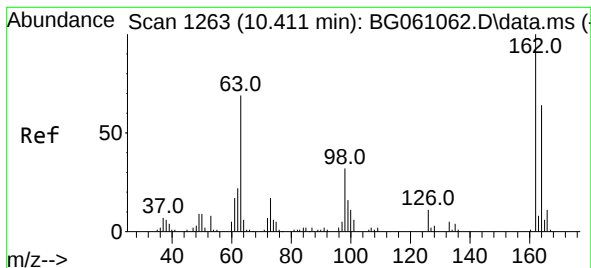
Delta R.T. -0.030 min

Lab File: BG061197.D

Acq: 14 May 2024 20:00

| Tgt Ion:  | 93   | Resp: | 72937 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 93        | 100  |       |       |
| 95        | 32.7 | 27.4  | 41.0  |
| 123       | 12.0 | 9.7   | 14.5  |





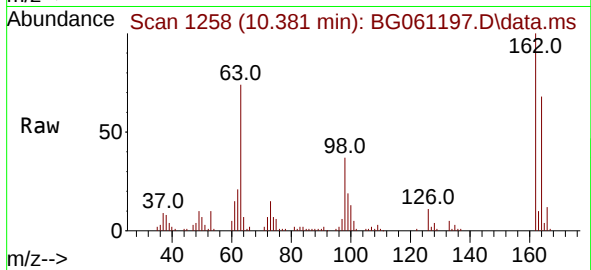
#29  
2,4-Dichlorophenol  
Concen: 38.743 ng  
RT: 10.381 min Scan# 1258  
Delta R.T. -0.030 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC



Tgt Ion:162 Resp: 66548  
Ion Ratio Lower Upper  
162 100  
164 68.2 43.6 83.6  
98 37.0 12.3 52.3

Manual Integrations

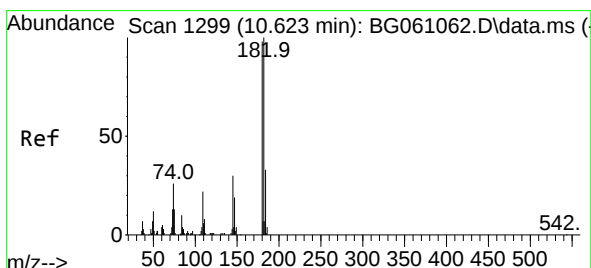
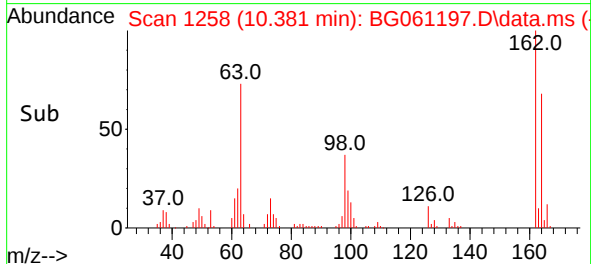
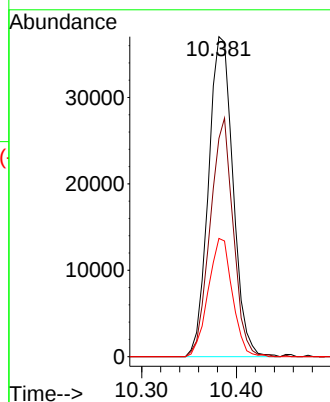
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Reviewed By :Jagrut Upadhyay 05/15/2024  
Supervised By :mohammad ahmed 05/17/2024

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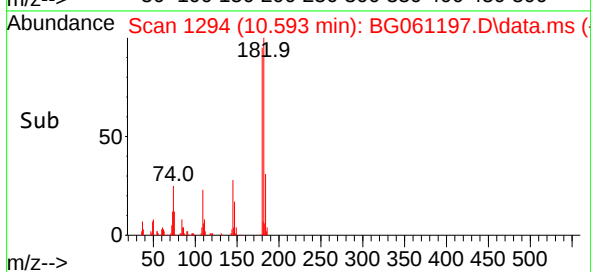
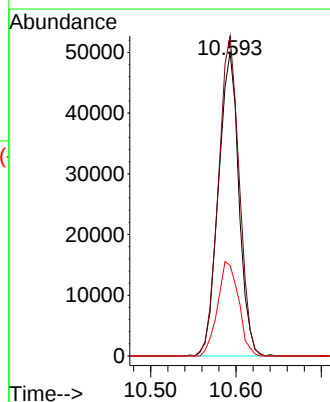
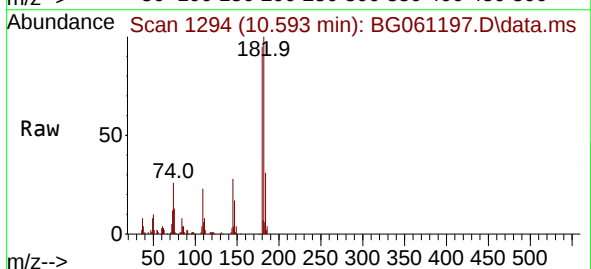
Supervised By :mohammad  
ahmed

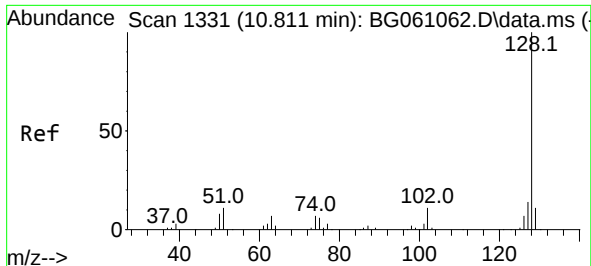
05/17/2024



#30  
1,2,4-Trichlorobenzene  
Concen: 40.120 ng  
RT: 10.593 min Scan# 1294  
Delta R.T. -0.030 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

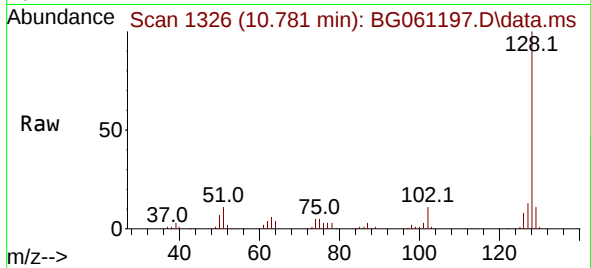
Tgt Ion:180 Resp: 83035  
Ion Ratio Lower Upper  
180 100  
182 105.4 81.7 122.5  
145 29.8 24.5 36.7





#31  
Naphthalene  
Concen: 39.304 ng  
RT: 10.781 min Scan# 11  
Delta R.T. -0.030 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



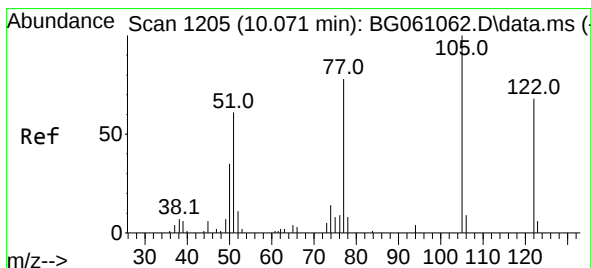
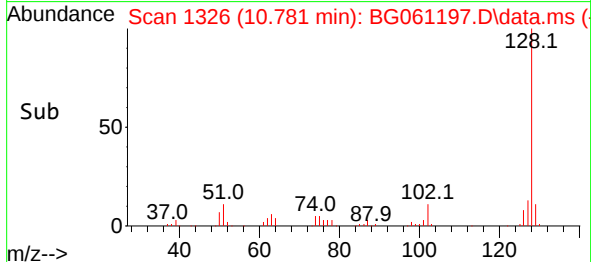
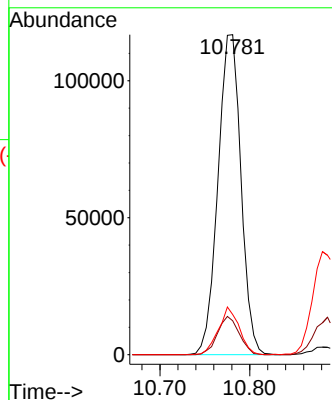
Tgt Ion:128 Resp: 20774  
Ion Ratio Lower Upper  
128 100  
129 10.6 8.9 13.3  
127 12.6 11.1 16.7

Manual Integrations  
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Reviewed By :Jagrut Upadhyay 05/15/2024  
Supervised By :mohammad ahmed 05/17/2024

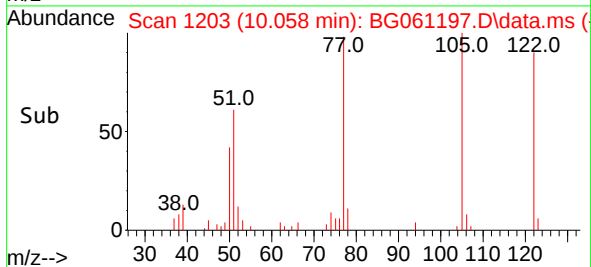
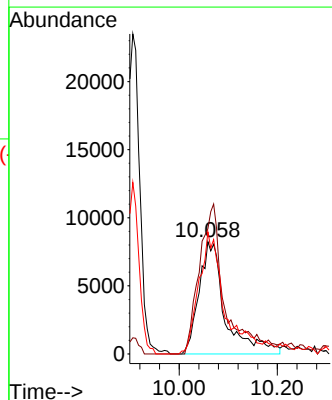
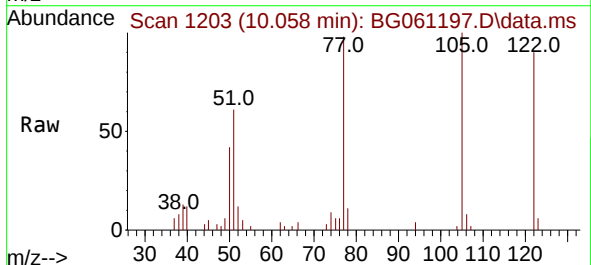
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Supervised By :mohammad  
ahmed

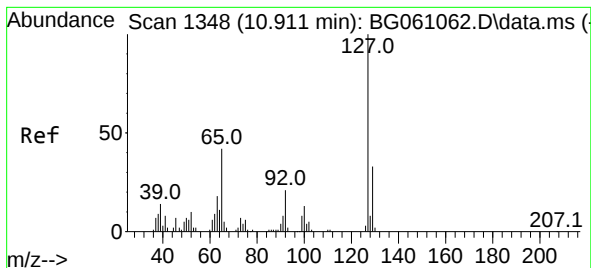
05/17/2024



#32  
Benzoic acid  
Concen: 24.084 ng m  
RT: 10.058 min Scan# 1203  
Delta R.T. -0.012 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Tgt Ion:122 Resp: 30521  
Ion Ratio Lower Upper  
122 100  
105 111.4 123.3 163.3#  
77 108.7 93.2 133.2





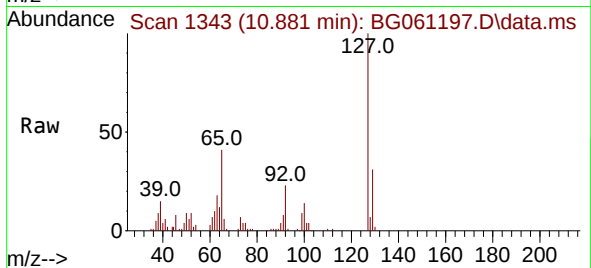
#33  
4-Chloroaniline  
Concen: 35.166 ng  
RT: 10.881 min Scan# 1343  
Delta R.T. -0.030 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC



Tgt Ion:127 Resp: 74129  
Ion Ratio Lower Upper  
127 100  
129 30.9 26.6 39.8  
65 41.1 33.6 50.4  
92 22.8 16.8 25.2

Manual Integrations

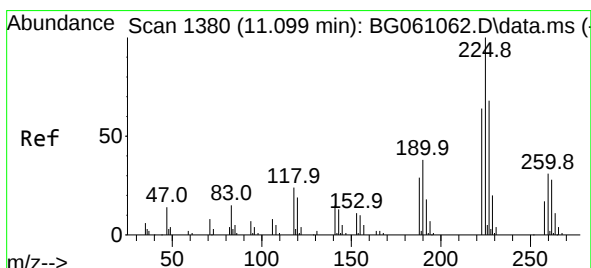
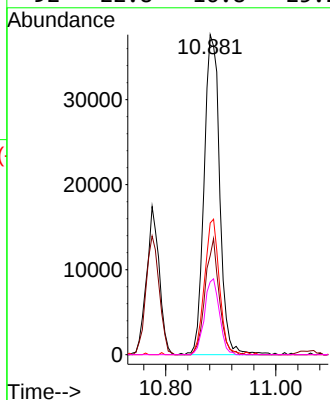
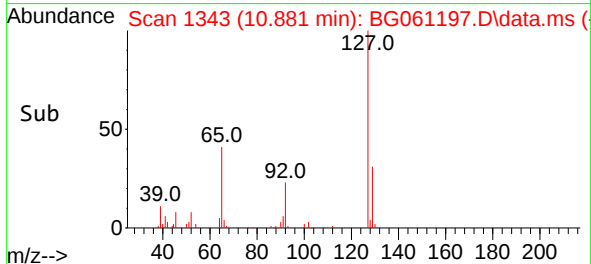
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Reviewed By :Jagrut Upadhyay 05/15/2024  
Supervised By :mohammad ahmed 05/17/2024

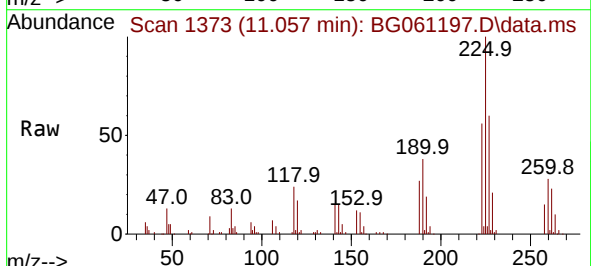
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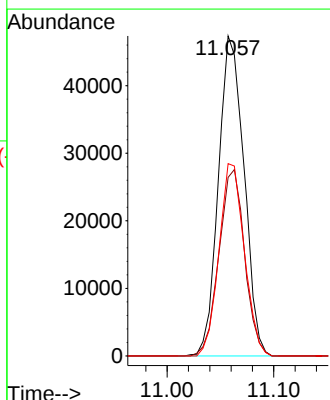
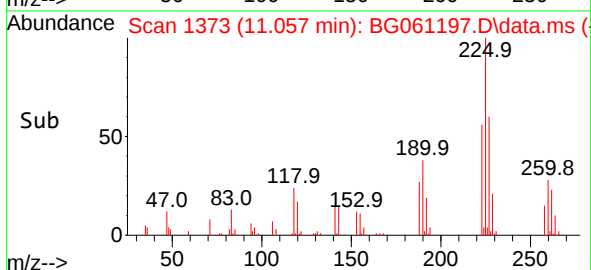
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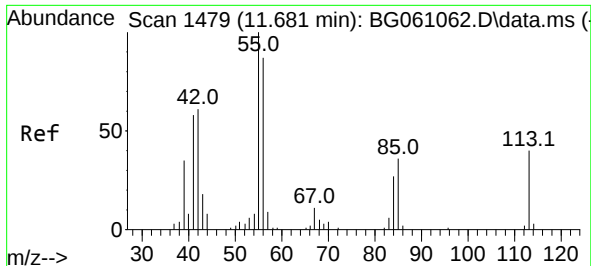


#34  
Hexachlorobutadiene  
Concen: 44.404 ng  
RT: 11.057 min Scan# 1373  
Delta R.T. -0.042 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00



Tgt Ion:225 Resp: 78856  
Ion Ratio Lower Upper  
225 100  
223 55.8 51.0 76.4  
227 60.1 54.6 82.0





#35  
Caprolactam  
Concen: 28.451 ng  
RT: 11.674 min Scan# 1479  
Delta R.T. -0.006 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:113 Resp: 1759  
Ion Ratio Lower Upper  
113 100  
55 254.8 227.6 267.6  
56 202.5 195.1 235.1

Manual Integrations

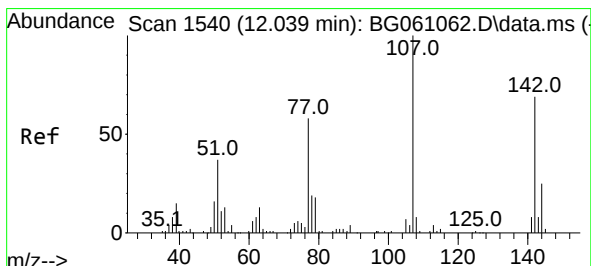
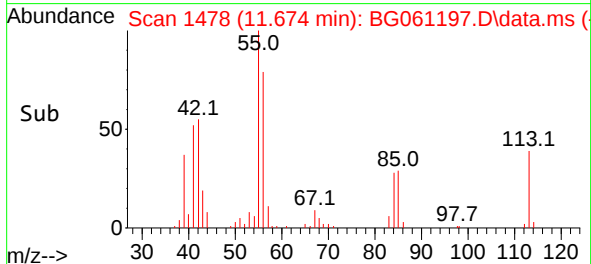
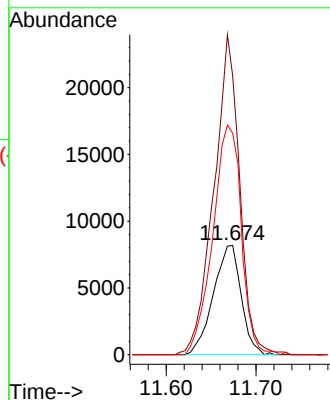
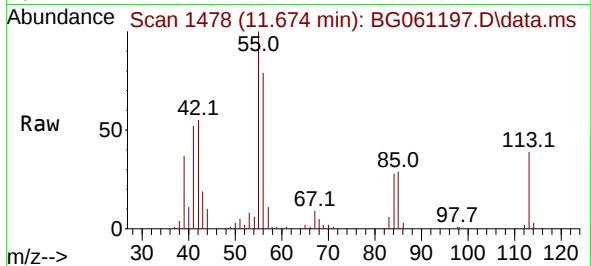
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Reviewed By :Jagrut Upadhyay 05/15/2024  
Supervised By :mohammad ahmed 05/17/2024

05/15/2024

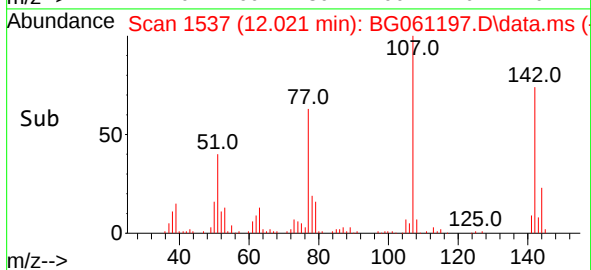
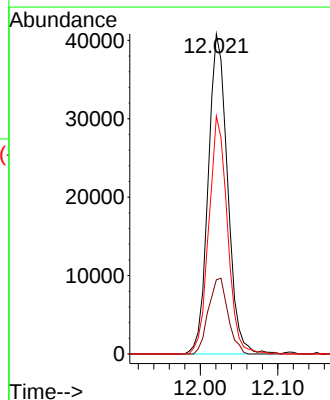
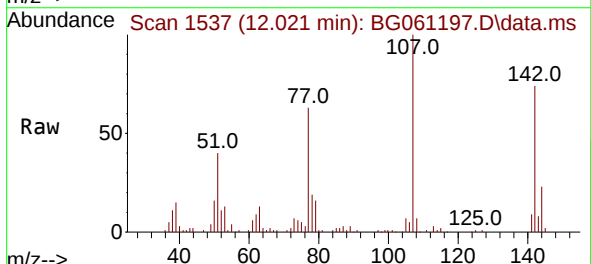
Supervised By :mohammad  
ahmed

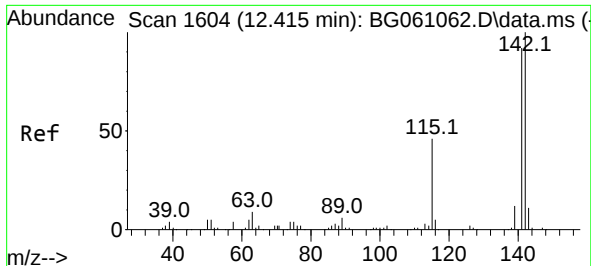
05/17/2024



#36  
4-Chloro-3-methylphenol  
Concen: 34.155 ng  
RT: 12.021 min Scan# 1537  
Delta R.T. -0.018 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Tgt Ion:107 Resp: 70743  
Ion Ratio Lower Upper  
107 100  
144 23.2 20.2 30.4  
142 74.3 55.6 83.4





#37  
2-Methylnaphthalene  
Concen: 35.780 ng  
RT: 12.385 min Scan# 11  
Delta R.T. -0.030 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:142 Resp: 141718  
Ion Ratio Lower Upper  
142 100  
141 90.4 73.8 110.8  
115 45.0 36.9 55.3

Manual Integrations

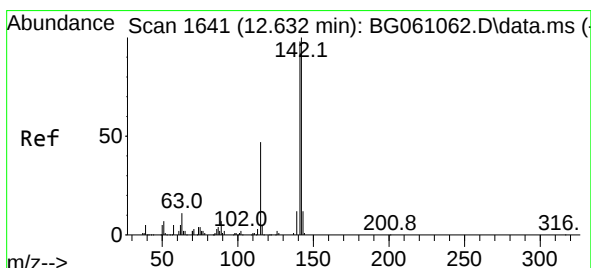
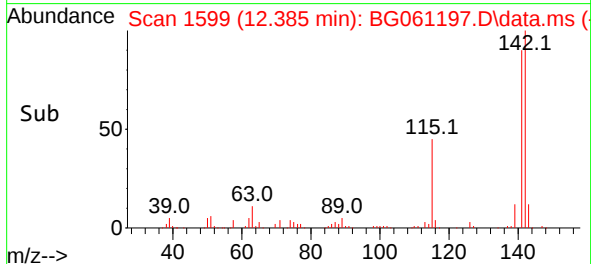
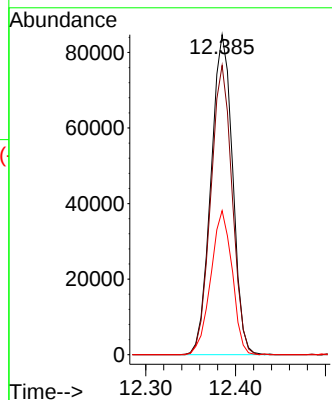
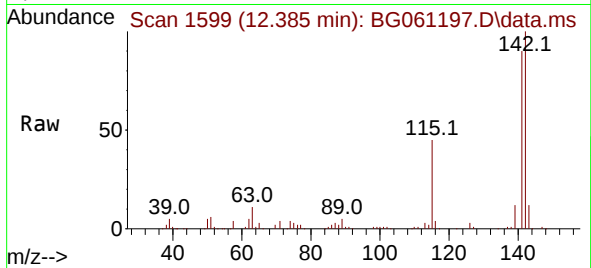
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Reviewed By :Jagrut Upadhyay 05/15/2024  
Supervised By :mohammad ahmed 05/17/2024

05/15/2024

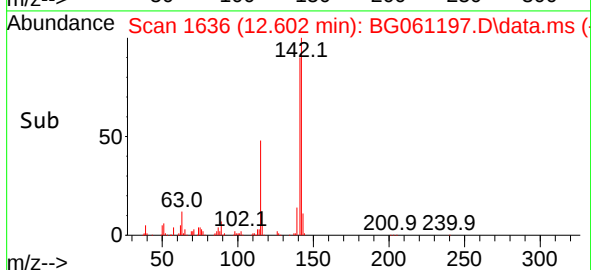
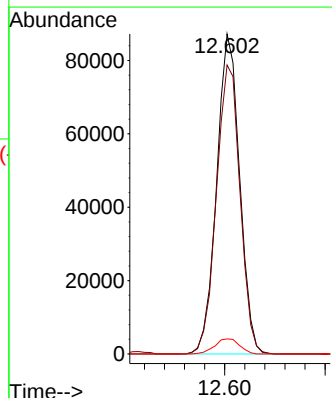
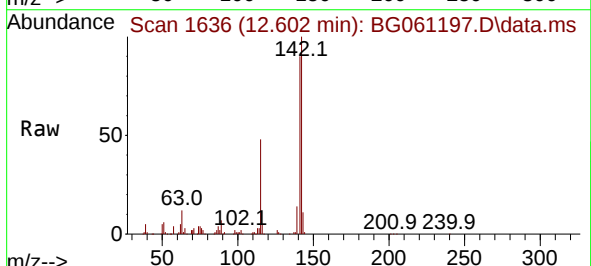
Supervised By :mohammad  
ahmed

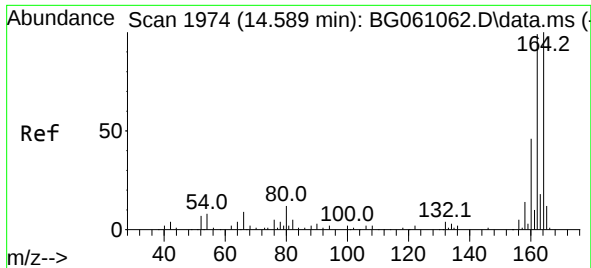
05/17/2024



#38  
1-Methylnaphthalene  
Concen: 34.675 ng  
RT: 12.602 min Scan# 1636  
Delta R.T. -0.030 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Tgt Ion:142 Resp: 138264  
Ion Ratio Lower Upper  
142 100  
141 90.3 78.4 117.6  
116 4.7 4.3 6.5





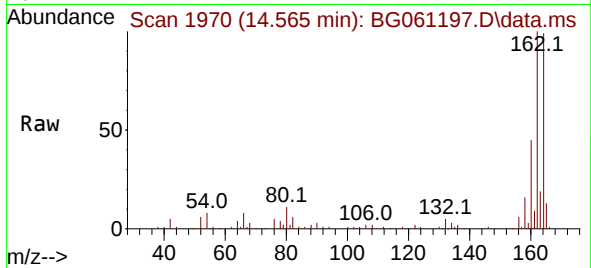
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.565 min Scan# 1970  
Delta R.T. -0.024 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC



Tgt Ion:164 Resp: 74859  
Ion Ratio Lower Upper  
164 100  
162 101.1 79.4 119.2  
160 45.6 37.0 55.6

Manual Integrations

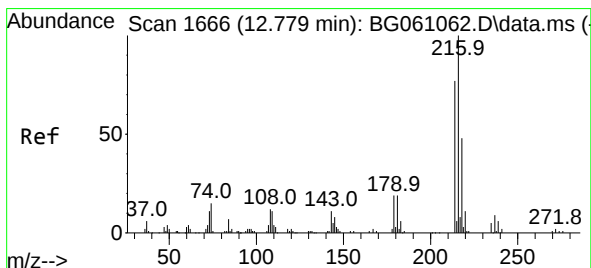
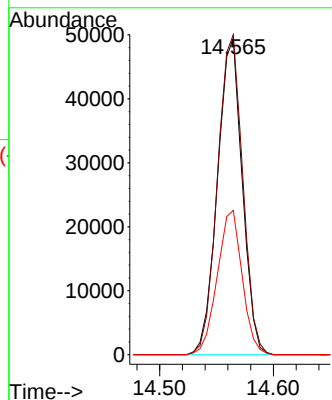
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Reviewed By :Jagrut Upadhyay 05/15/2024  
Supervised By :mohammad ahmed 05/17/2024

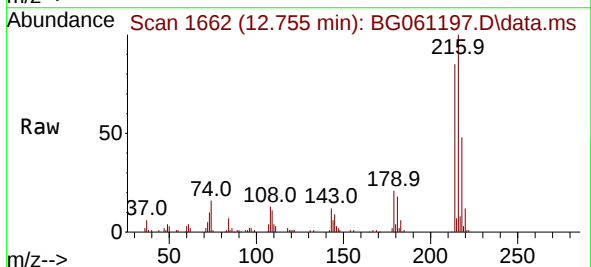
05/15/2024

Supervised By :mohammad  
ahmed

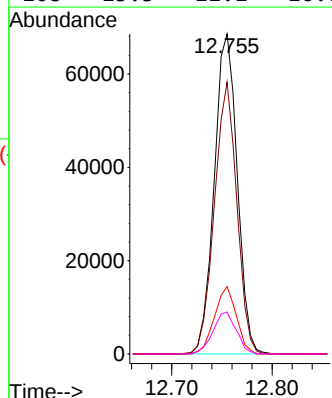
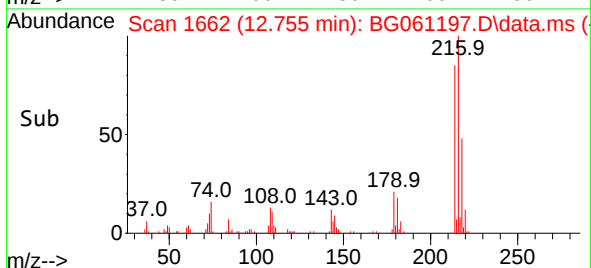
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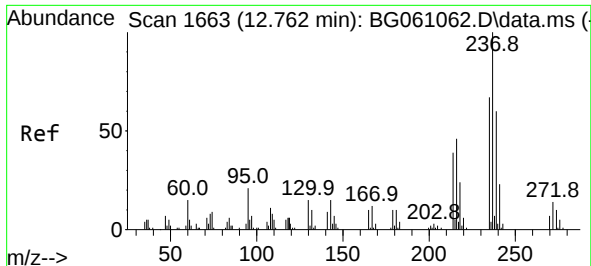


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 43.659 ng  
RT: 12.755 min Scan# 1662  
Delta R.T. -0.024 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00



Tgt Ion:216 Resp: 109073  
Ion Ratio Lower Upper  
216 100  
214 82.7 64.2 96.2  
179 20.1 15.4 23.2  
108 13.3 11.1 16.7





#41  
Hexachlorocyclopentadiene  
Concen: 4.860 ng  
RT: 12.738 min Scan# 1659  
Delta R.T. -0.024 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:237 Resp: 4648  
Ion Ratio Lower Upper  
237 100  
235 44.7 46.5 86.5  
272 11.6 0.0 33.9

Manual Integrations

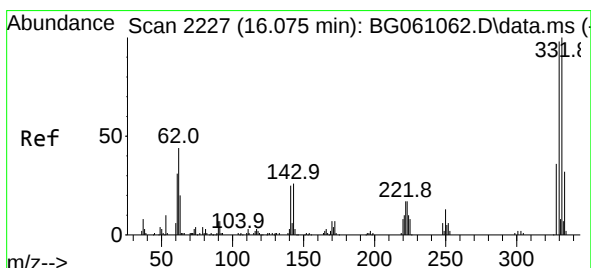
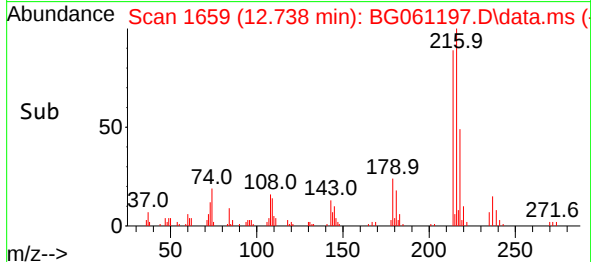
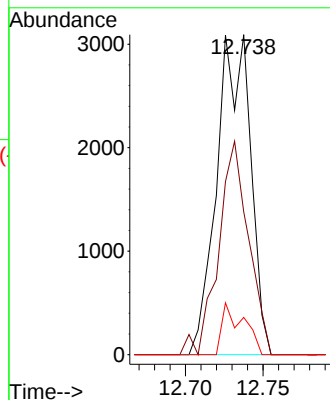
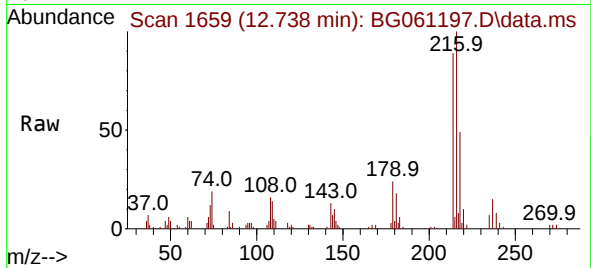
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Reviewed By :Jagrut Upadhyay 05/15/2024  
Supervised By :mohammad ahmed 05/17/2024

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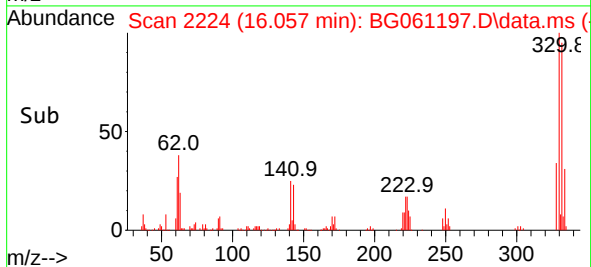
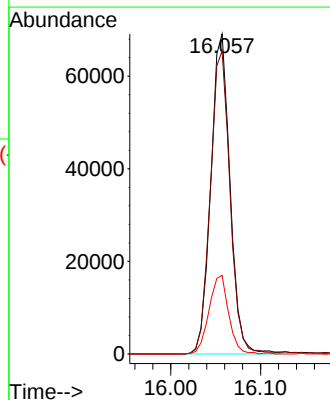
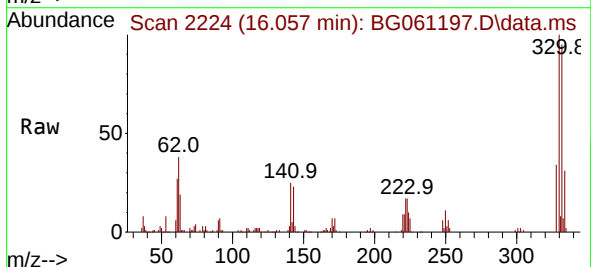
Supervised By :mohammad  
ahmed

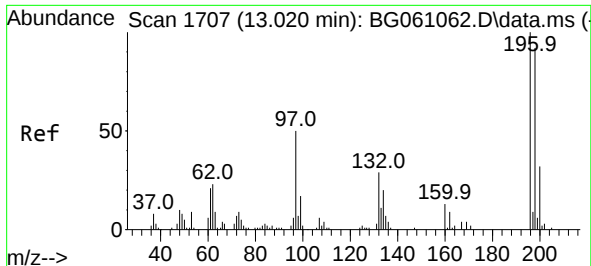
05/17/2024



#42  
2,4,6-Tribromophenol  
Concen: 68.600 ng  
RT: 16.057 min Scan# 2224  
Delta R.T. -0.018 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Tgt Ion:330 Resp: 102646  
Ion Ratio Lower Upper  
330 100  
332 96.5 78.6 117.8  
141 25.0 20.5 30.7





#43  
2,4,6-Trichlorophenol  
Concen: 40.904 ng  
RT: 12.996 min Scan# 1710  
Delta R.T. -0.024 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:196 Resp: 65600  
Ion Ratio Lower Upper  
196 100  
198 89.8 73.8 110.6  
200 28.9 25.5 38.3

Manual Integrations

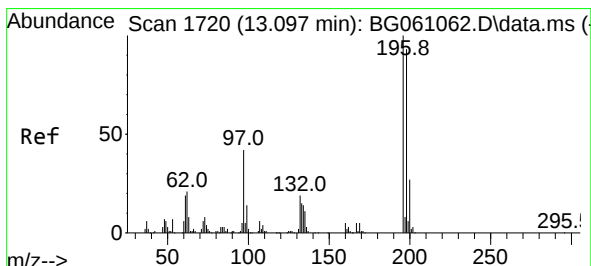
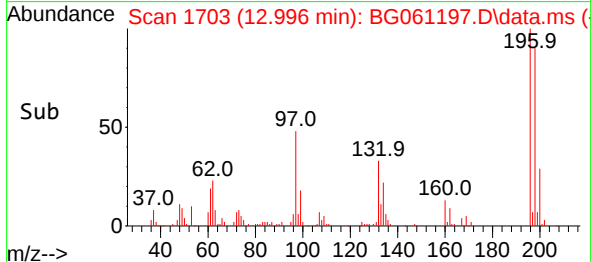
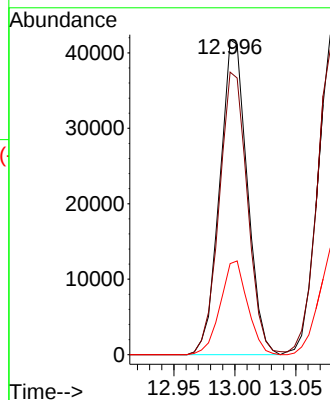
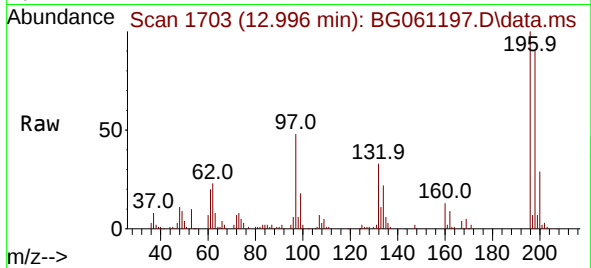
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Reviewed By :Jagrut Upadhyay 05/15/2024  
Supervised By :mohammad ahmed 05/17/2024

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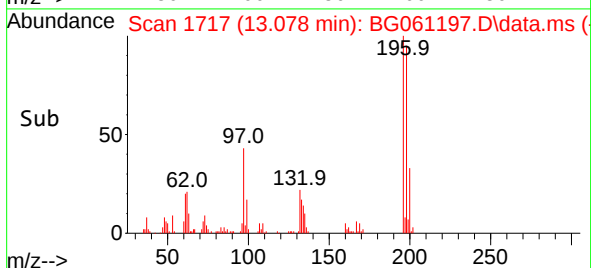
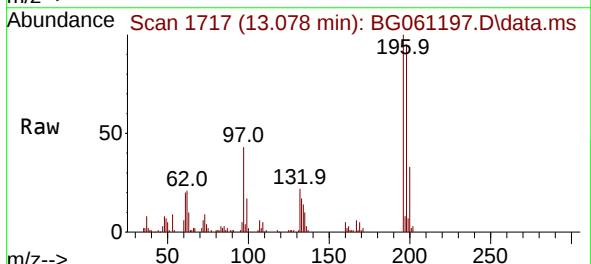
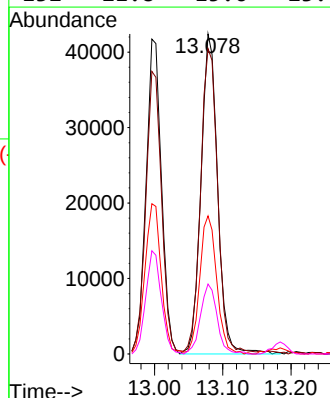
Supervised By :mohammad  
ahmed

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#44  
2,4,5-Trichlorophenol  
Concen: 39.809 ng  
RT: 13.078 min Scan# 1717  
Delta R.T. -0.018 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

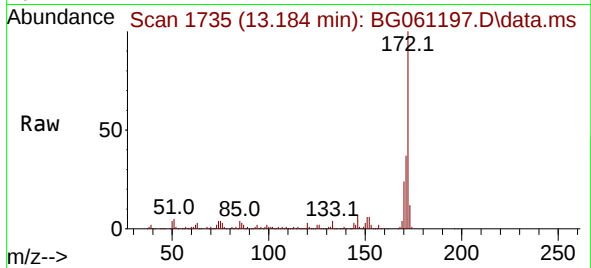
Tgt Ion:196 Resp: 72263  
Ion Ratio Lower Upper  
196 100  
198 95.4 74.3 111.5  
97 43.1 33.6 50.4  
132 21.8 15.6 23.4





#45  
2-Fluorobiphenyl  
Concen: 85.263 ng  
RT: 13.184 min Scan# 1735  
Delta R.T. -0.024 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



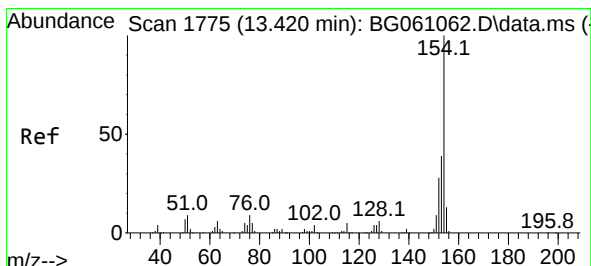
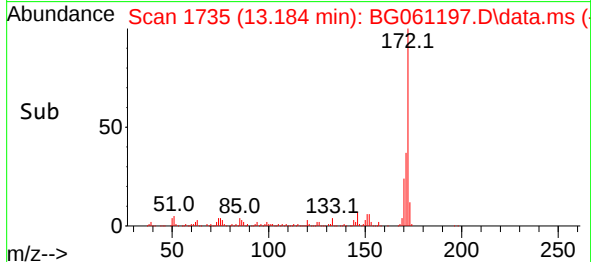
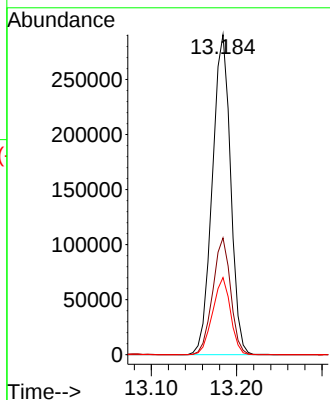
Tgt Ion:172 Resp: 43163  
Ion Ratio Lower Upper  
172 100  
171 36.5 29.0 43.6  
170 24.1 20.2 30.4

Manual Integrations  
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Reviewed By :Jagrut Upadhyay 05/15/2024  
Supervised By :mohammad ahmed 05/17/2024

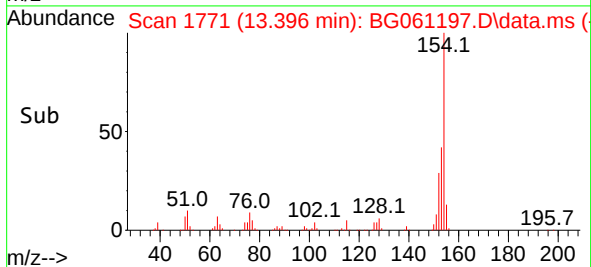
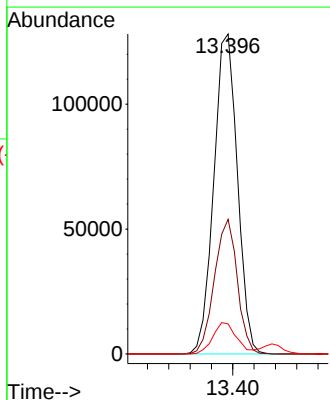
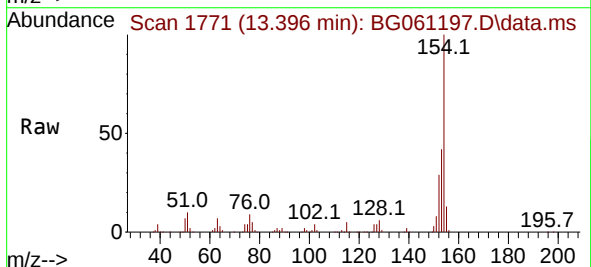
05/15/2024  
Supervised By :mohammad  
ahmed

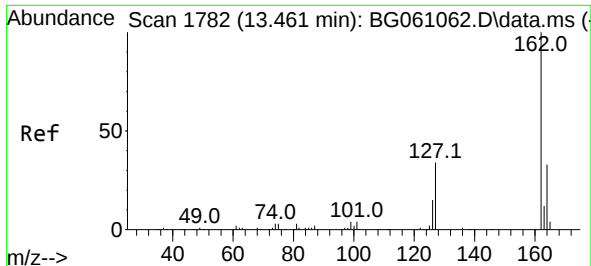
05/17/2024



#46  
1,1'-Biphenyl  
Concen: 40.933 ng  
RT: 13.396 min Scan# 1771  
Delta R.T. -0.024 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

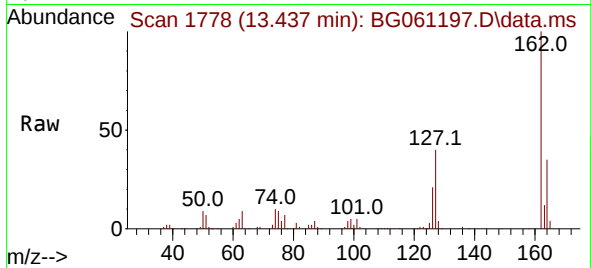
Tgt Ion:154 Resp: 196471  
Ion Ratio Lower Upper  
154 100  
153 42.1 19.3 59.3  
76 9.4 0.0 28.8





#47  
2-Chloronaphthalene  
Concen: 42.310 ng  
RT: 13.437 min Scan# 1782  
Delta R.T. -0.024 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



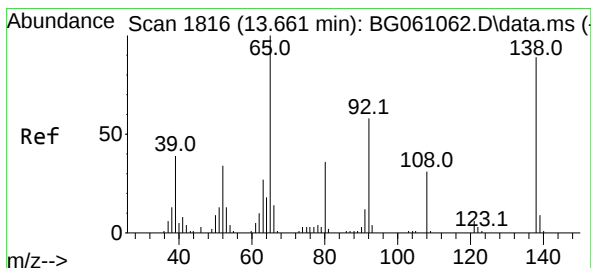
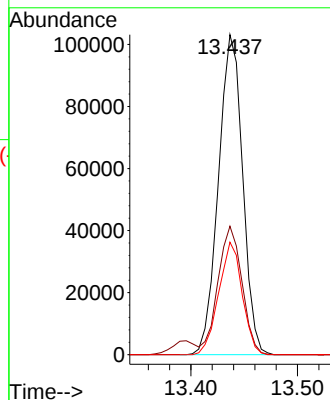
Tgt Ion:162 Resp: 16261  
Ion Ratio Lower Upper  
162 100  
127 40.2 30.7 46.1  
164 35.2 26.8 40.2

Manual Integrations  
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Supervised By :mohammad ahmed 05/17/2024

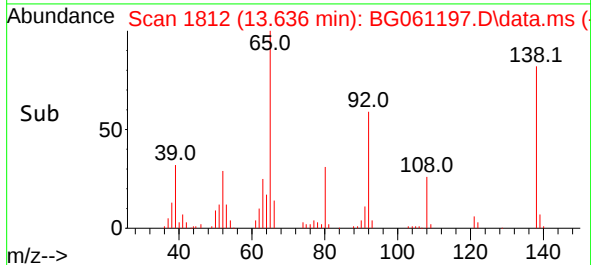
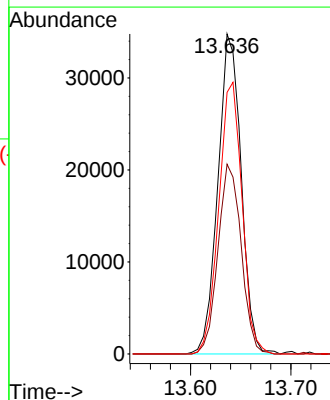
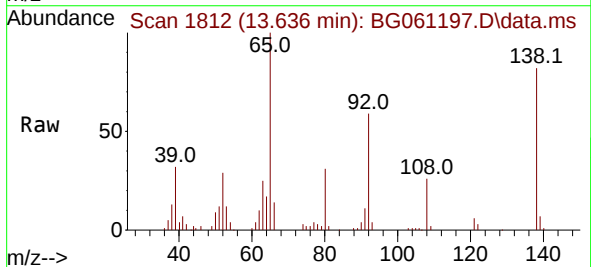
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Supervised By :mohammad  
ahmed

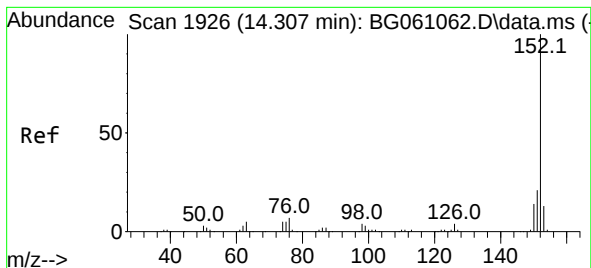
05/17/2024



#48  
2-Nitroaniline  
Concen: 39.244 ng  
RT: 13.636 min Scan# 1812  
Delta R.T. -0.024 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Tgt Ion: 65 Resp: 55971  
Ion Ratio Lower Upper  
65 100  
92 59.3 46.7 70.1  
138 81.8 71.4 107.2





#49

Acenaphthylene

Concen: 41.394 ng

RT: 14.283 min Scan# 1926

Delta R.T. -0.024 min

Lab File: BG061197.D

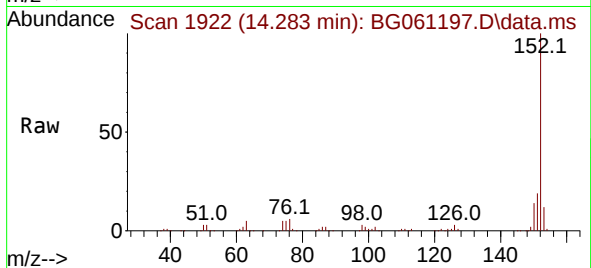
Acq: 14 May 2024 20:00

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC



Tgt Ion:152 Resp: 24435

Ion Ratio Lower Upper

152 100

151 19.2 16.9 25.3

153 11.7 10.6 15.8

Manual Integrations

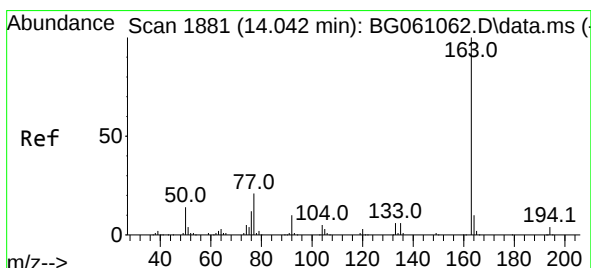
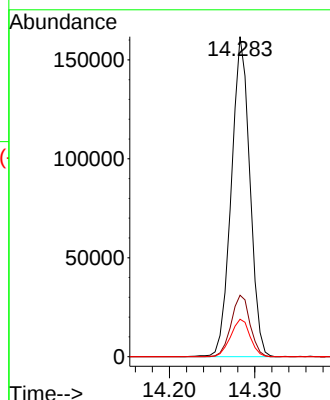
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Reviewed By :Jagrut Upadhyay 05/15/2024  
Supervised By :mohammad ahmed 05/17/2024

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#50

Dimethylphthalate

Concen: 36.269 ng

RT: 14.012 min Scan# 1876

Delta R.T. -0.030 min

Lab File: BG061197.D

Acq: 14 May 2024 20:00

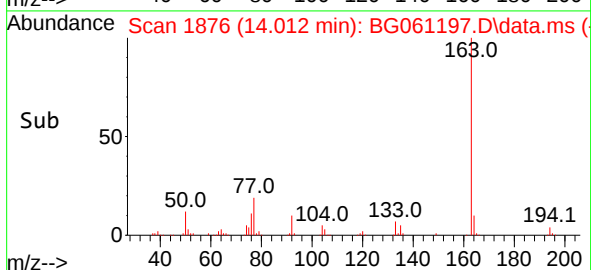
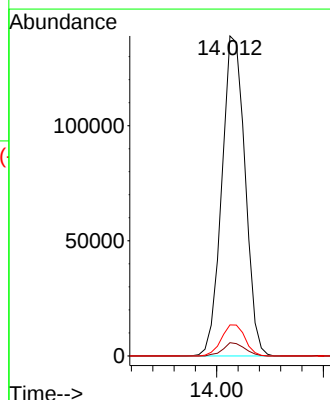
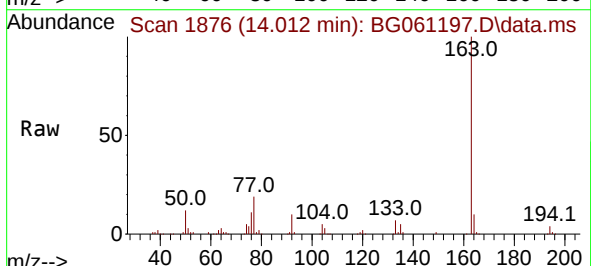
Tgt Ion:163 Resp: 209708

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 9.7 7.8 11.8





#51  
2,6-Dinitrotoluene  
Concen: 36.541 ng  
RT: 14.142 min Scan# 1898  
Delta R.T. -0.018 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:165 Resp: 45192  
Ion Ratio Lower Upper  
165 100  
63 67.9 60.0 90.0  
89 59.3 50.9 76.3

Manual Integrations

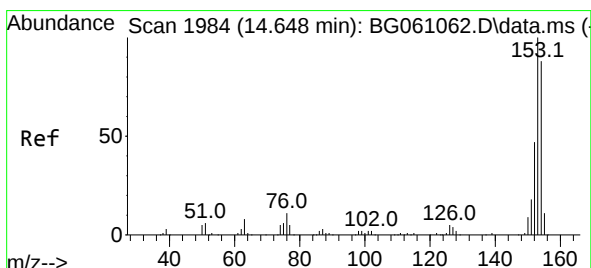
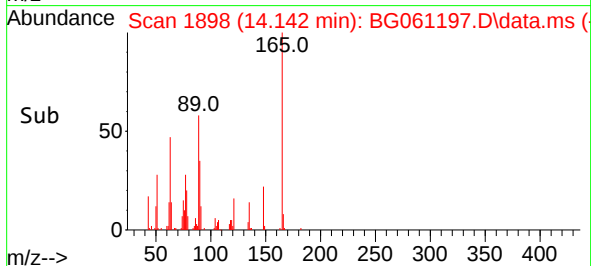
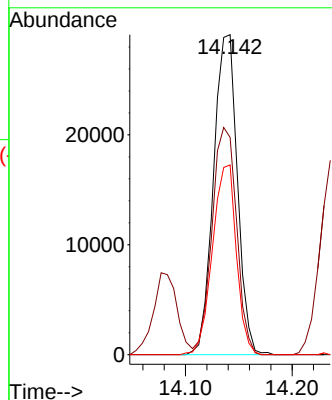
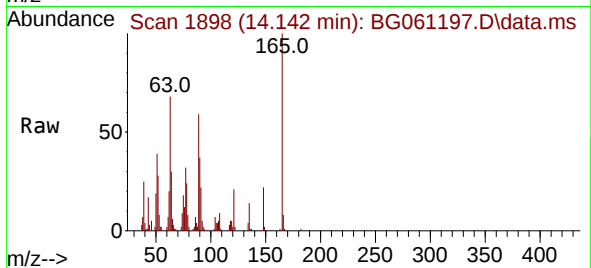
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Supervised By :mohammad ahmed 05/17/2024

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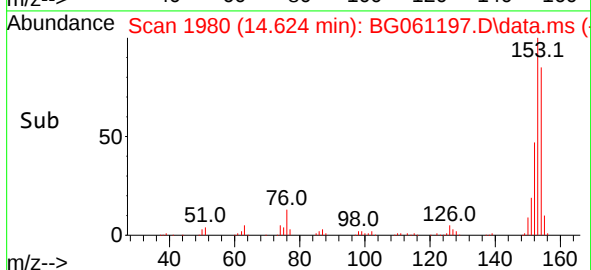
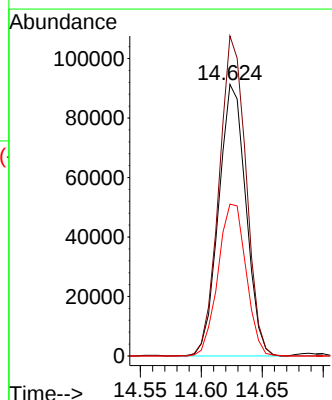
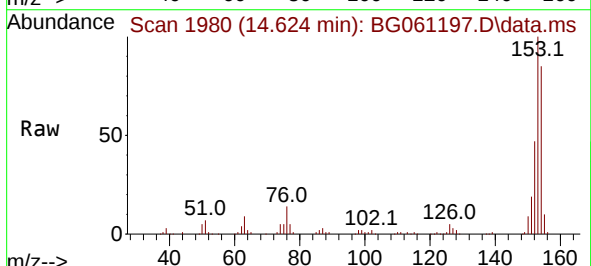
Supervised By :mohammad  
ahmed

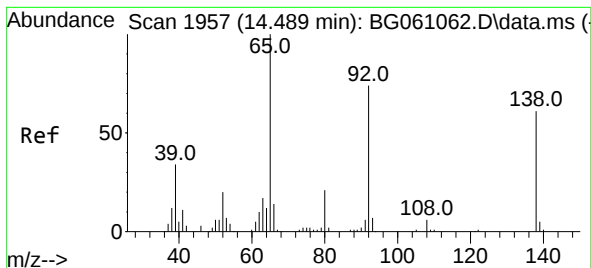
05/17/2024



#52  
Acenaphthene  
Concen: 38.569 ng  
RT: 14.624 min Scan# 1980  
Delta R.T. -0.024 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Tgt Ion:154 Resp: 142033  
Ion Ratio Lower Upper  
154 100  
153 117.9 91.0 136.4  
152 55.9 43.1 64.7





#53  
3-Nitroaniline  
Concen: 36.141 ng  
RT: 14.465 min Scan# 1953  
Delta R.T. -0.024 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:138 Resp: 4089  
Ion Ratio Lower Upper  
138 100  
108 12.1 8.2 12.2  
92 114.8 98.0 147.0

Manual Integrations

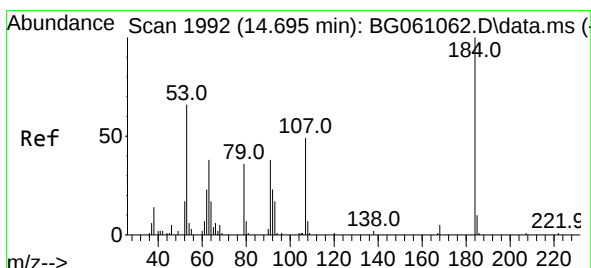
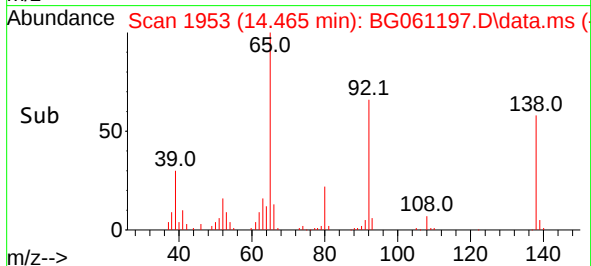
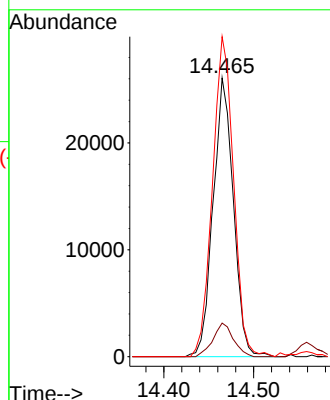
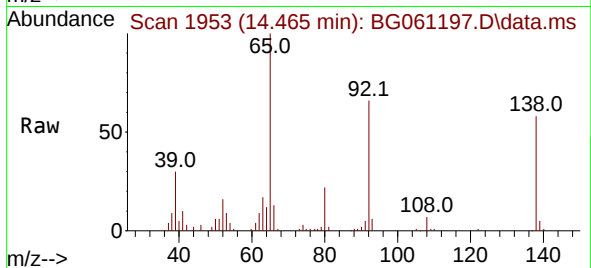
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Reviewed By :Jagrut Upadhyay 05/15/2024  
Supervised By :mohammad ahmed 05/17/2024

05/15/2024

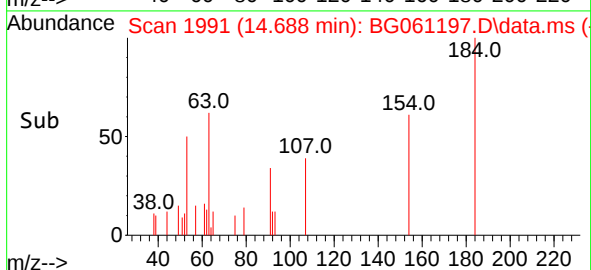
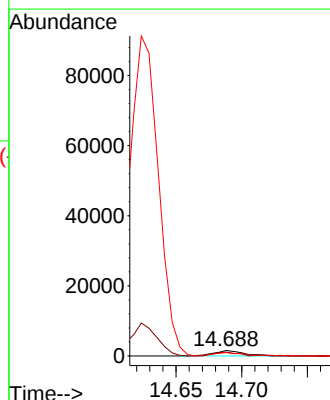
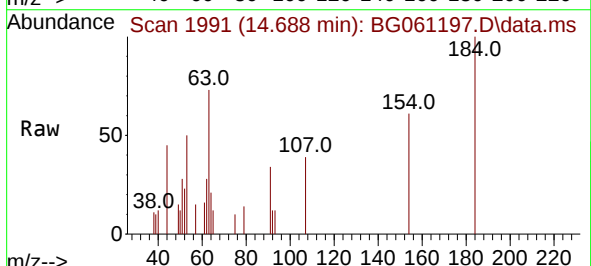
Supervised By :mohammad  
ahmed

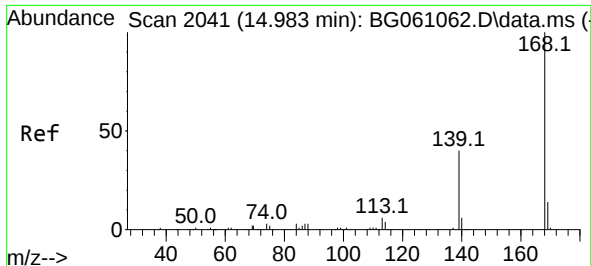
05/17/2024



#54  
2,4-Dinitrophenol  
Concen: 4.868 ng  
RT: 14.688 min Scan# 1991  
Delta R.T. -0.006 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Tgt Ion:184 Resp: 2399  
Ion Ratio Lower Upper  
184 100  
63 72.7 62.6 93.8  
154 60.9 61.4 92.0#





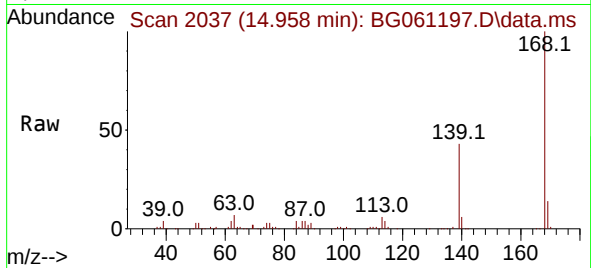
#55  
Dibenzenofuran  
Concen: 38.258 ng  
RT: 14.958 min Scan# 2041  
Delta R.T. -0.024 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC



Tgt Ion:168 Resp: 237970  
Ion Ratio Lower Upper  
168 100  
139 43.1 32.2 48.4  
169 13.7 11.4 17.2

Manual Integrations

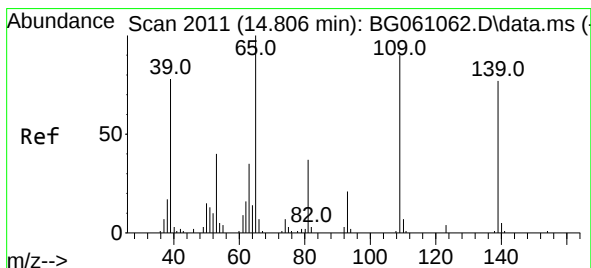
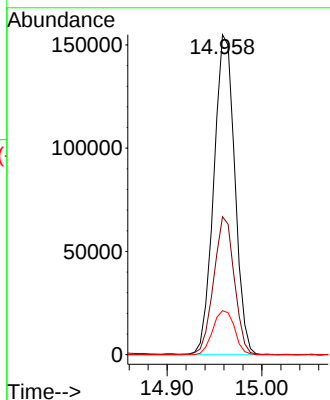
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Reviewed By :Jagrut Upadhyay 05/15/2024  
Supervised By :mohammad ahmed 05/17/2024

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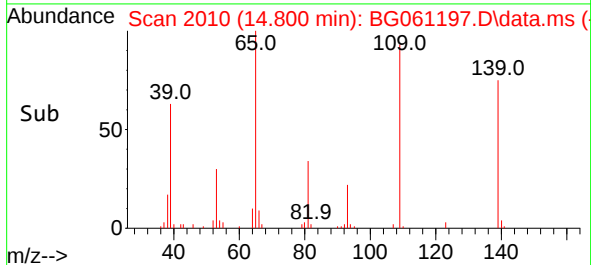
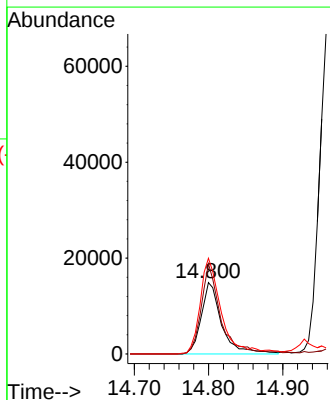
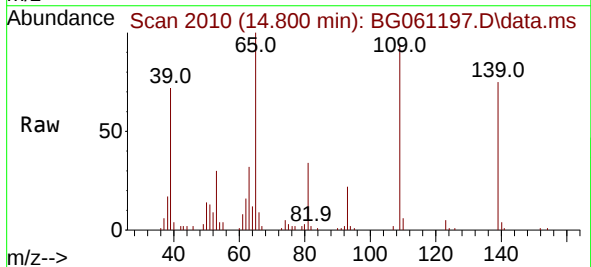
Supervised By :mohammad  
ahmed

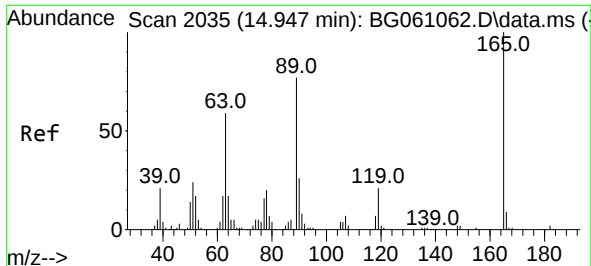
05/17/2024



#56  
4-Nitrophenol  
Concen: 31.165 ng  
RT: 14.800 min Scan# 2010  
Delta R.T. -0.006 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Tgt Ion:139 Resp: 28501  
Ion Ratio Lower Upper  
139 100  
109 126.5 97.7 137.7  
65 134.1 110.7 150.7





#57  
2,4-Dinitrotoluene  
Concen: 33.908 ng  
RT: 14.935 min Scan# 2033  
Delta R.T. -0.012 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:165 Resp: 62044  
Ion Ratio Lower Upper  
165 100  
63 53.3 47.3 70.9  
89 66.7 61.8 92.8  
182 2.3 1.8 2.6

Manual Integrations

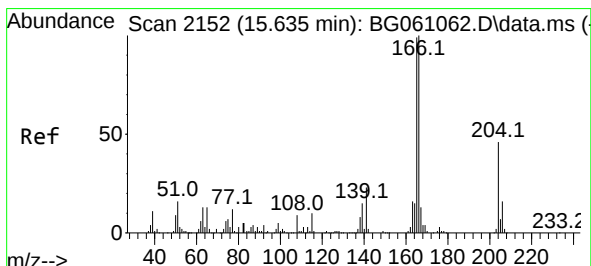
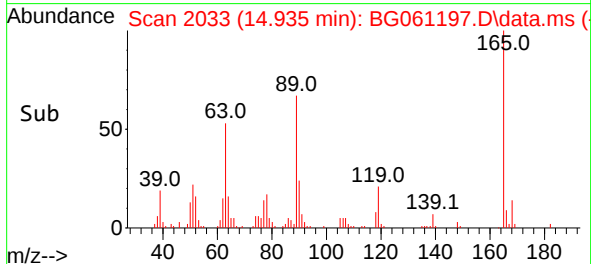
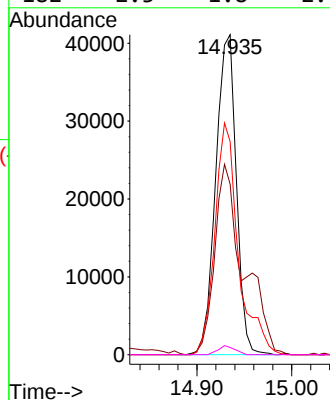
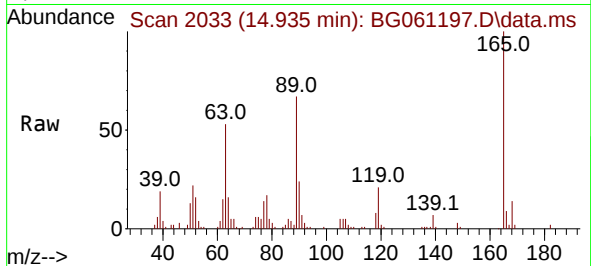
APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024  
Supervised By :mohammad ahmed 05/17/2024

05/15/2024

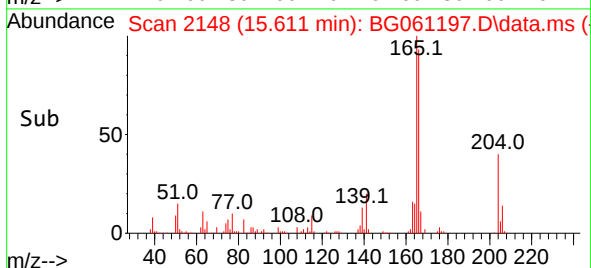
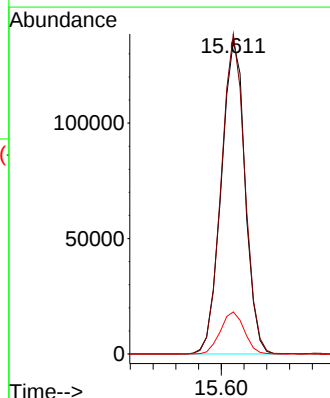
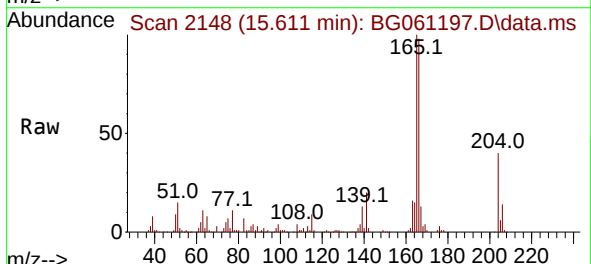
Supervised By :mohammad  
ahmed

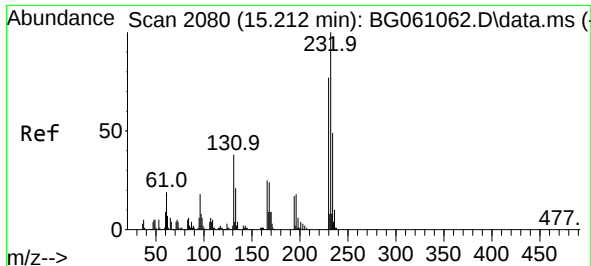
05/17/2024



#58  
Fluorene  
Concen: 36.702 ng  
RT: 15.611 min Scan# 2148  
Delta R.T. -0.024 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Tgt Ion:166 Resp: 197545  
Ion Ratio Lower Upper  
166 100  
165 102.2 78.9 118.3  
167 13.5 10.6 15.8





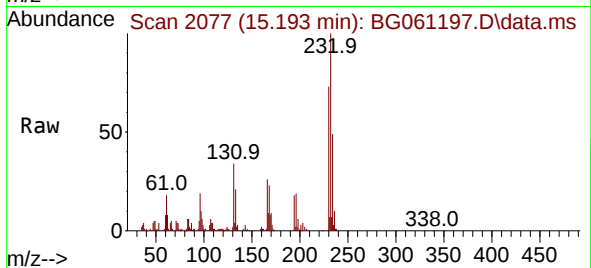
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 35.838 ng  
RT: 15.193 min Scan# 2080  
Delta R.T. -0.018 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC



Tgt Ion:232 Resp: 6696  
Ion Ratio Lower Upper  
232 100  
131 33.6 27.0 40.4  
130 1.9 1.7 2.5  
166 26.0 20.5 30.7

Manual Integrations

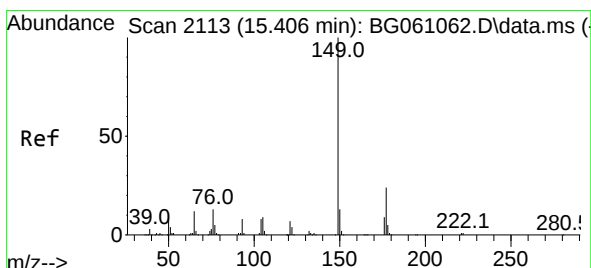
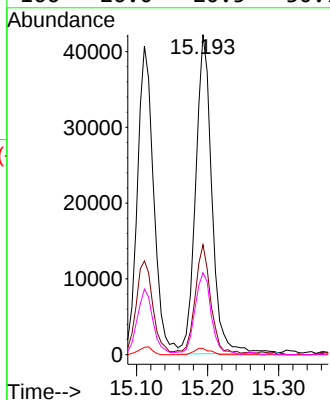
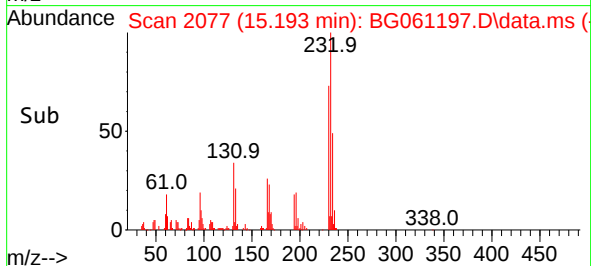
APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024  
Supervised By :mohammad ahmed 05/17/2024

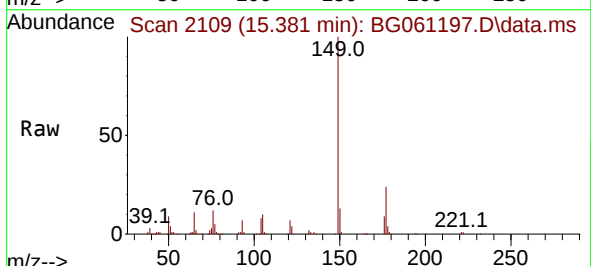
05/15/2024

Supervised By :mohammad  
ahmed

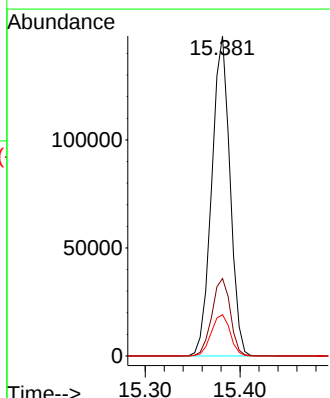
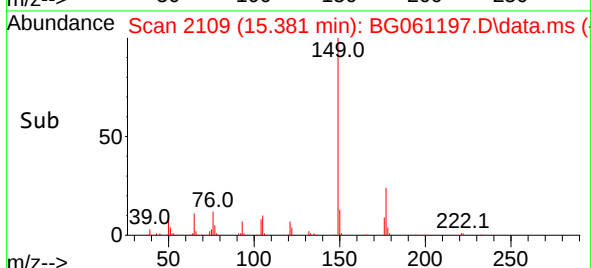
05/17/2024

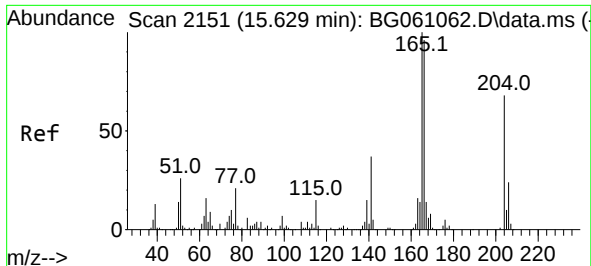


#60  
Diethylphthalate  
Concen: 33.885 ng  
RT: 15.381 min Scan# 2109  
Delta R.T. -0.024 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00



Tgt Ion:149 Resp: 197574  
Ion Ratio Lower Upper  
149 100  
177 24.2 19.1 28.7  
150 12.9 10.6 16.0





#61  
4-Chlorophenyl-phenylether  
Concen: 36.551 ng  
RT: 15.605 min Scan# 2151  
Delta R.T. -0.024 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:204 Resp: 118128  
Ion Ratio Lower Upper  
204 100  
206 32.4 27.8 41.6  
141 56.4 42.9 64.3

Manual Integrations

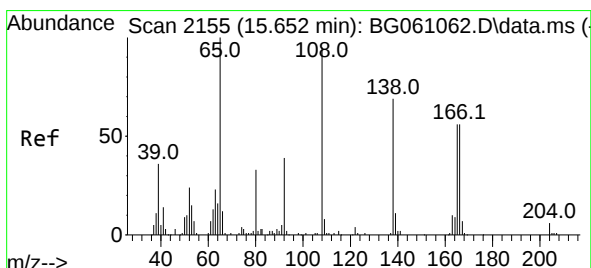
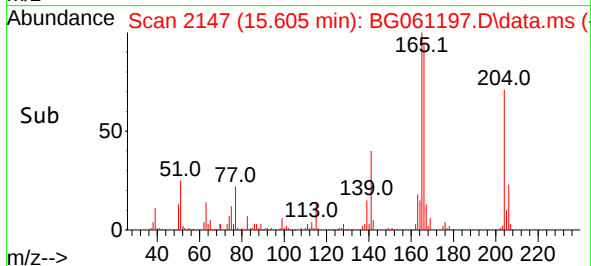
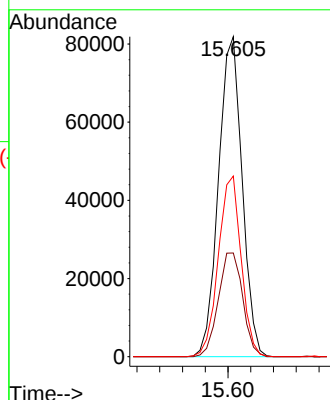
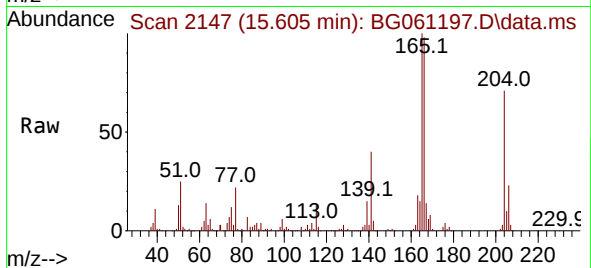
APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024  
Supervised By :mohammad ahmed 05/17/2024

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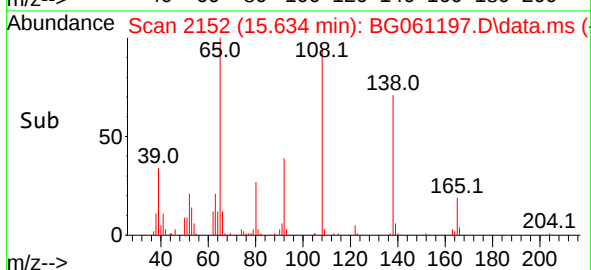
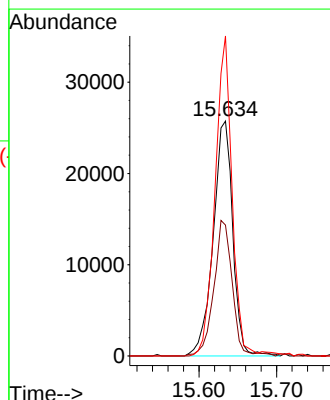
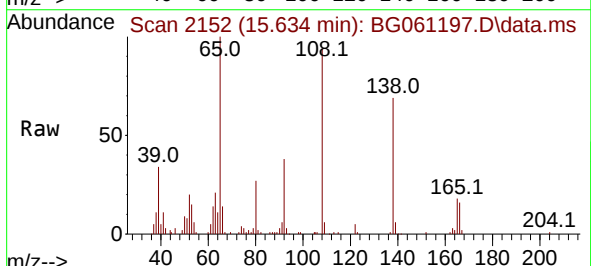
Supervised By :mohammad  
ahmed

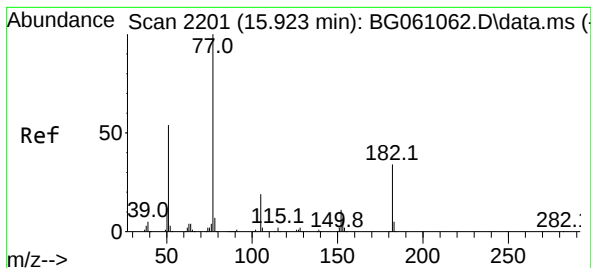
05/17/2024



#62  
4-Nitroaniline  
Concen: 36.820 ng  
RT: 15.634 min Scan# 2152  
Delta R.T. -0.018 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

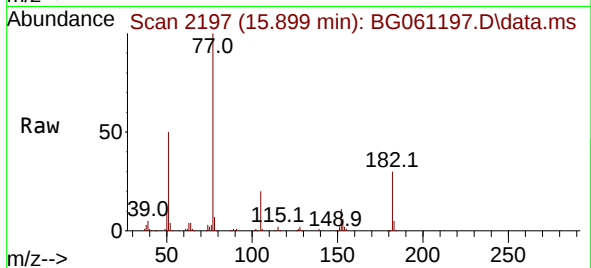
Tgt Ion:138 Resp: 45190  
Ion Ratio Lower Upper  
138 100  
92 55.7 35.5 75.5  
108 136.2 116.2 156.2





#63  
Azobenzene  
Concen: 36.689 ng  
RT: 15.899 min Scan# 2197  
Delta R.T. -0.024 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



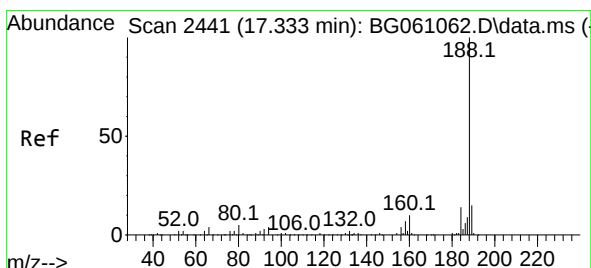
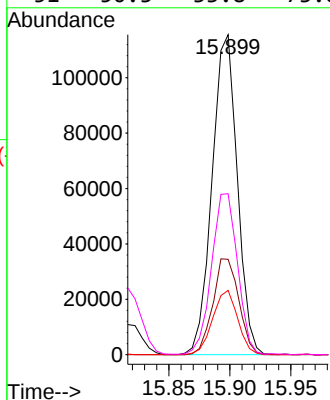
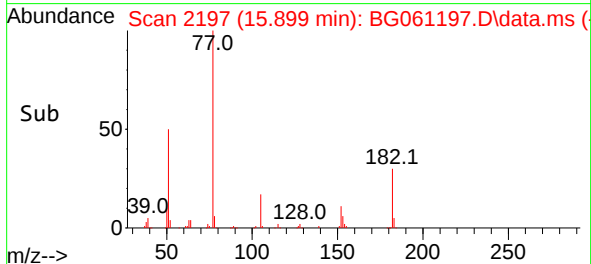
Tgt Ion: 77 Resp: 166530  
Ion Ratio Lower Upper  
77 100  
182 29.8 13.5 53.5  
105 20.1 0.0 39.3  
51 50.3 33.8 73.8

Manual Integrations  
APPROVED

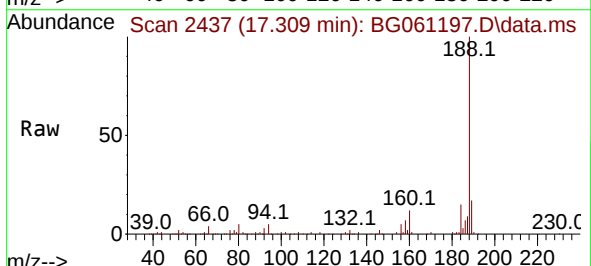
Reviewed By :Jagrut Upadhyay 05/15/2024  
Supervised By :mohammad ahmed 05/17/2024

05/15/2024  
Supervised By :mohammad  
ahmed

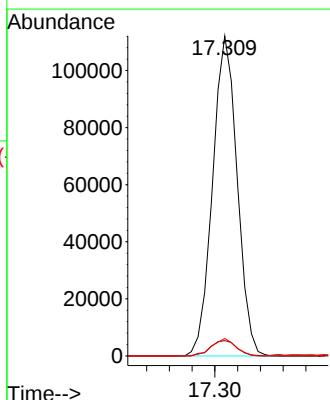
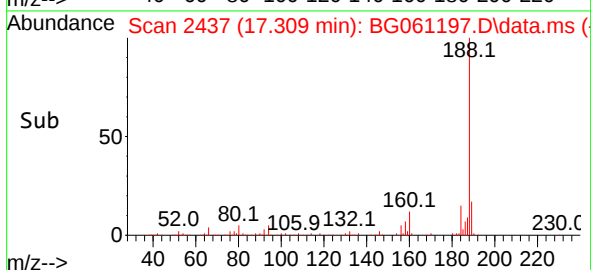
05/17/2024

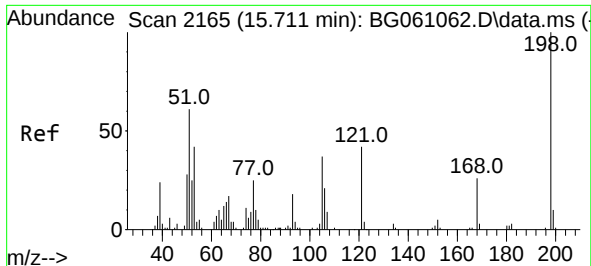


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.309 min Scan# 2437  
Delta R.T. -0.024 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00



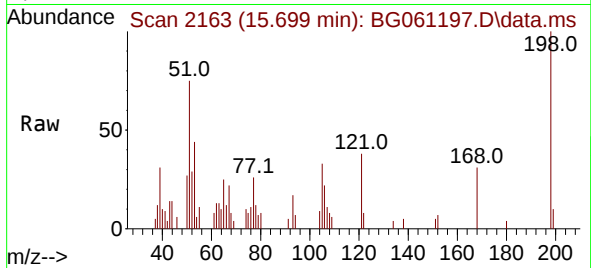
Tgt Ion:188 Resp: 168178  
Ion Ratio Lower Upper  
188 100  
94 4.8 3.6 5.4  
80 5.5 4.2 6.2





#65  
4,6-Dinitro-2-methylphenol  
Concen: 6.578 ng  
RT: 15.699 min Scan# 2163  
Delta R.T. -0.012 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



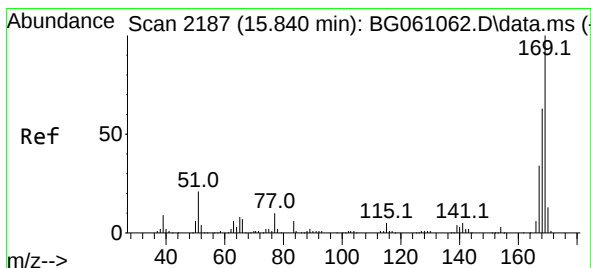
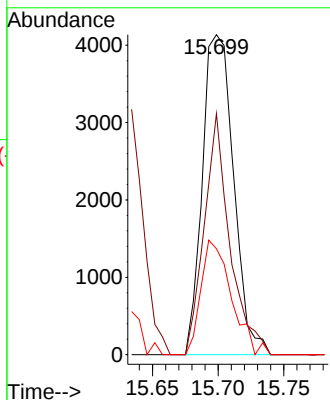
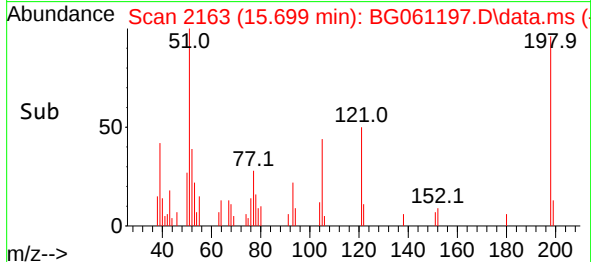
Tgt Ion:198 Resp: 6864  
Ion Ratio Lower Upper  
198 100  
51 75.3 41.2 81.2  
105 33.1 16.7 56.7

Manual Integrations  
APPROVED

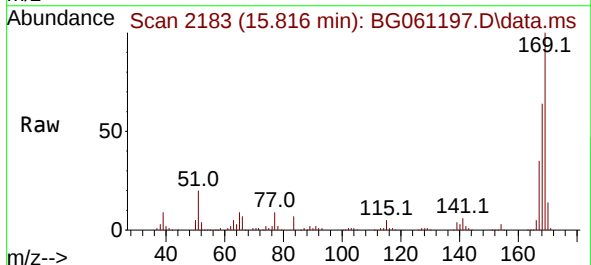
Reviewed By :Jagrut Upadhyay 05/15/2024  
Supervised By :mohammad ahmed 05/17/2024

05/15/2024  
Supervised By :mohammad  
ahmed

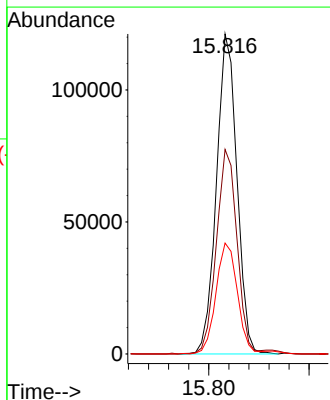
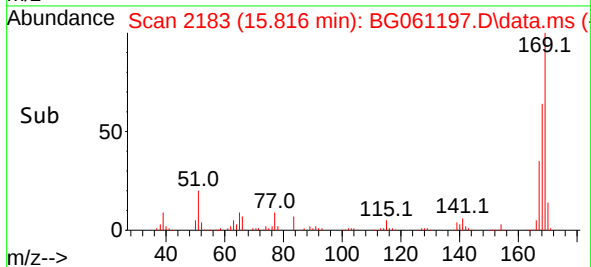
05/17/2024



#66  
n-Nitrosodiphenylamine  
Concen: 41.122 ng  
RT: 15.816 min Scan# 2183  
Delta R.T. -0.024 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00



Tgt Ion:169 Resp: 171498  
Ion Ratio Lower Upper  
169 100  
168 63.9 50.6 75.8  
167 34.6 27.4 41.2





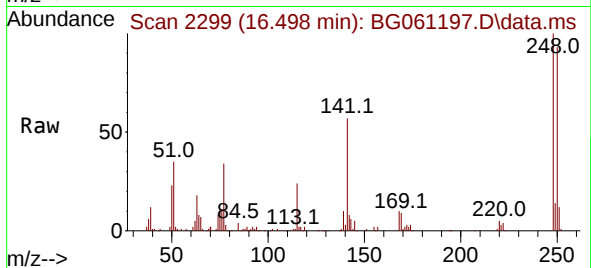
#67  
4-Bromophenyl-phenylether  
Concen: 42.388 ng  
RT: 16.498 min Scan# 21  
Delta R.T. -0.024 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC



Tgt Ion:248 Resp: 8397  
Ion Ratio Lower Upper  
248 100  
250 93.0 73.0 109.4  
141 56.7 50.8 76.2

Manual Integrations

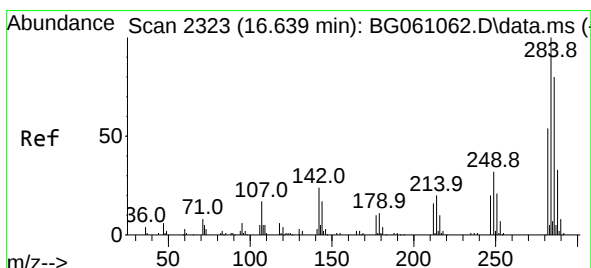
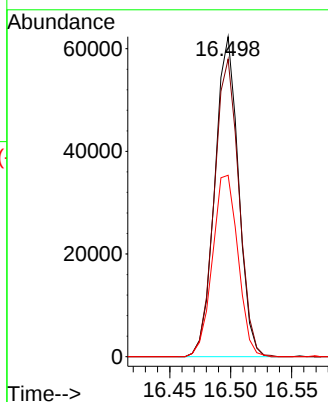
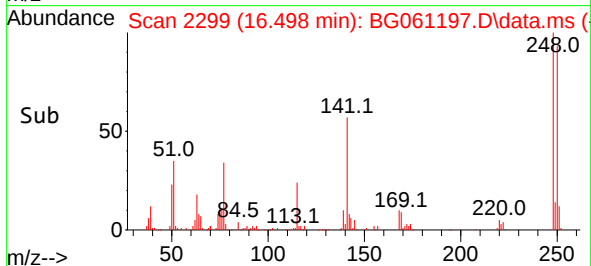
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Reviewed By :Jagrut Upadhyay 05/15/2024  
Supervised By :mohammad ahmed 05/17/2024

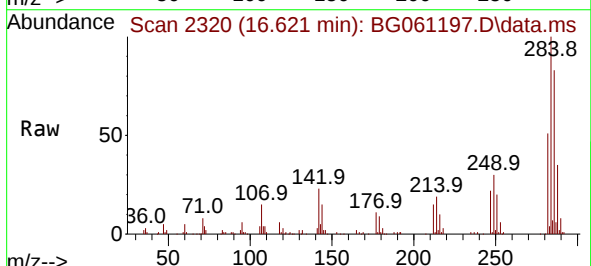
05/15/2024

Supervised By :mohammad  
ahmed

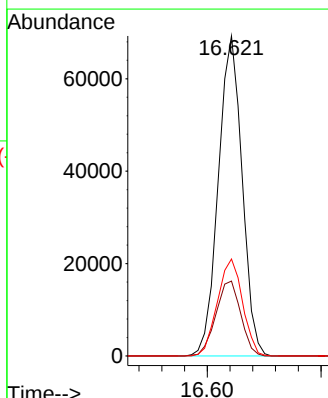
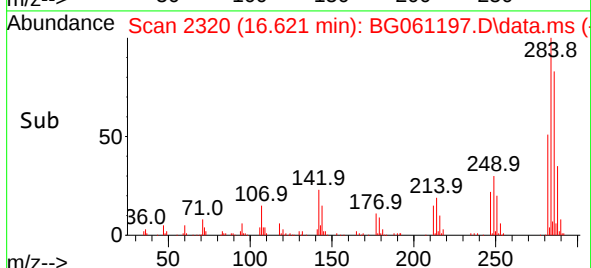
05/17/2024

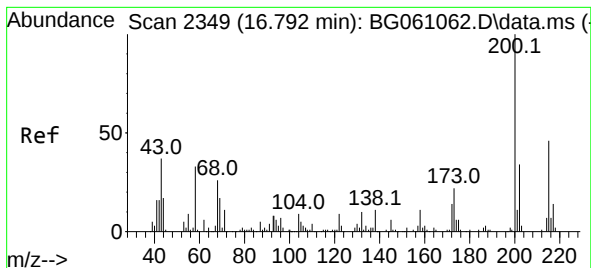


#68  
Hexachlorobenzene  
Concen: 40.770 ng  
RT: 16.621 min Scan# 2320  
Delta R.T. -0.018 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00



Tgt Ion:284 Resp: 100532  
Ion Ratio Lower Upper  
284 100  
142 23.4 19.2 28.8  
249 30.3 25.4 38.2





#69

Atrazine

Concen: 36.639 ng

RT: 16.768 min Scan# 21

Delta R.T. -0.024 min

Lab File: BG061197.D

Acq: 14 May 2024 20:00

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:200 Resp: 6301  
 Ion Ratio Lower Upper  
 200 100  
 173 24.4 2.0 42.0  
 215 50.3 26.2 66.2

Manual Integrations

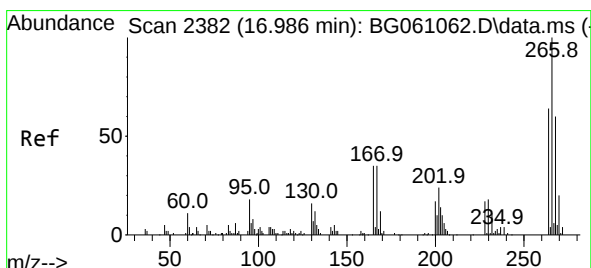
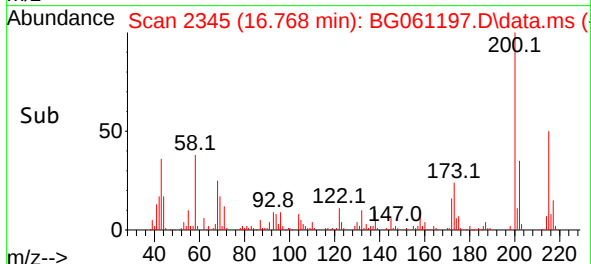
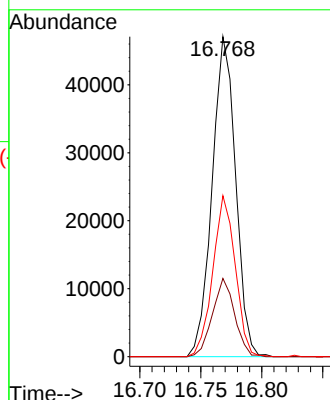
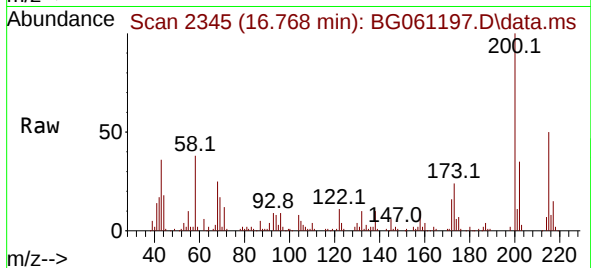
APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024  
 Supervised By :mohammad ahmed 05/17/2024

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Supervised By :mohammad  
 ahmed

05/17/2024



#70

Pentachlorophenol

Concen: 33.776 ng

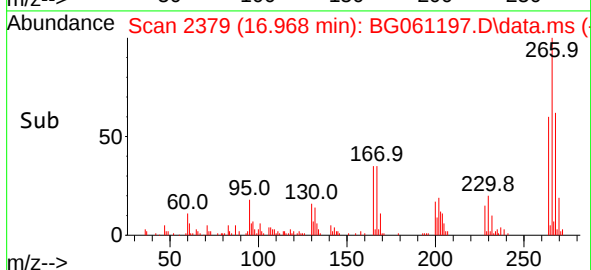
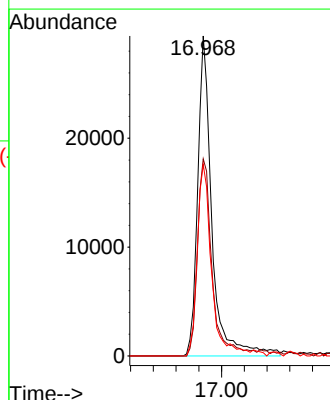
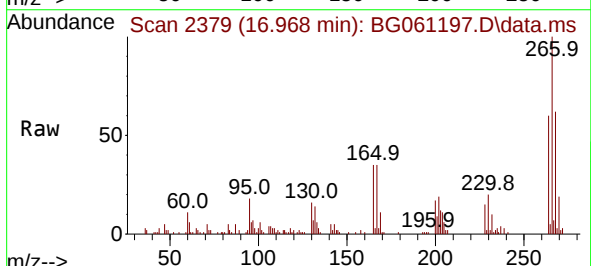
RT: 16.968 min Scan# 2379

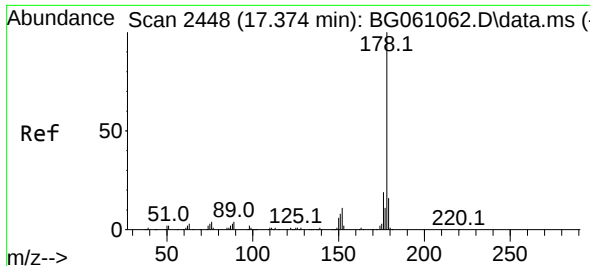
Delta R.T. -0.018 min

Lab File: BG061197.D

Acq: 14 May 2024 20:00

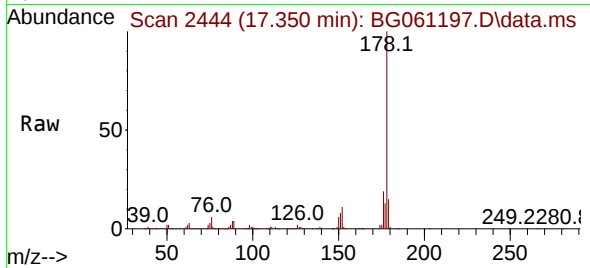
Tgt Ion:266 Resp: 51167  
 Ion Ratio Lower Upper  
 266 100  
 268 65.0 47.8 71.8  
 264 59.8 51.5 77.3





#71  
Phenanthrene  
Concen: 39.194 ng  
RT: 17.350 min Scan# 2444  
Delta R.T. -0.024 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



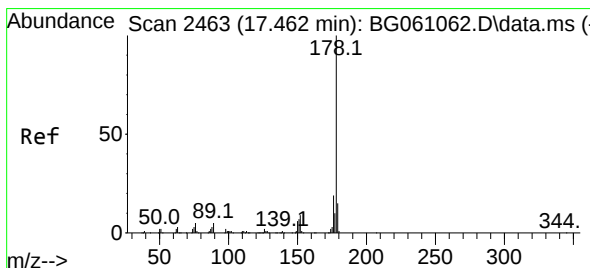
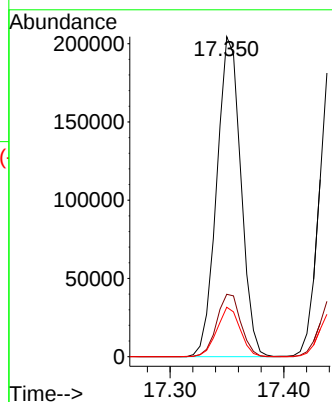
Tgt Ion:178 Resp: 30139  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.5 23.3  
179 15.4 12.6 19.0

Manual Integrations  
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Reviewed By :Jagrut Upadhyay 05/15/2024  
Supervised By :mohammad ahmed 05/17/2024

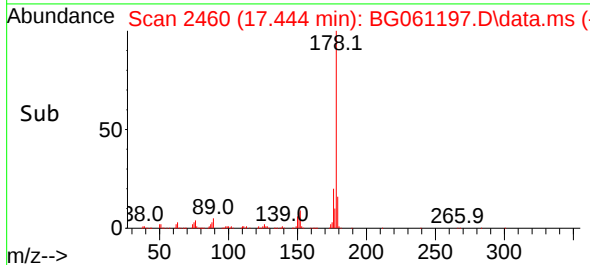
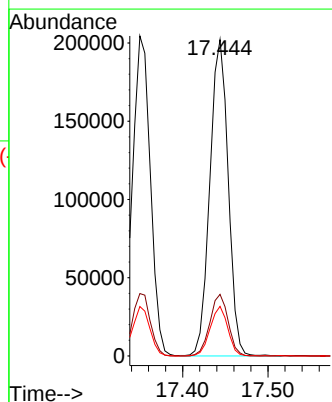
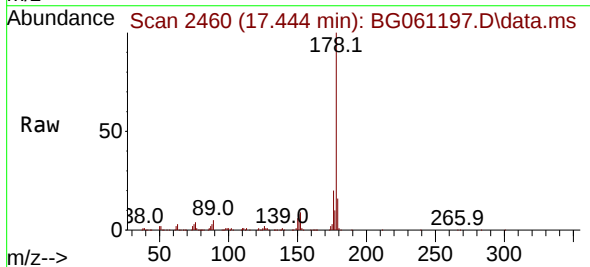
05/15/2024  
Supervised By :mohammad  
ahmed

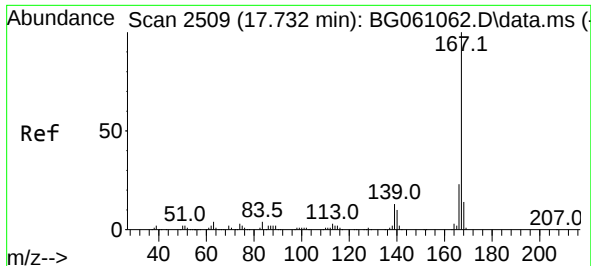
05/17/2024



#72  
Anthracene  
Concen: 39.311 ng  
RT: 17.444 min Scan# 2460  
Delta R.T. -0.018 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Tgt Ion:178 Resp: 301635  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.0 22.6  
179 15.7 12.0 18.0





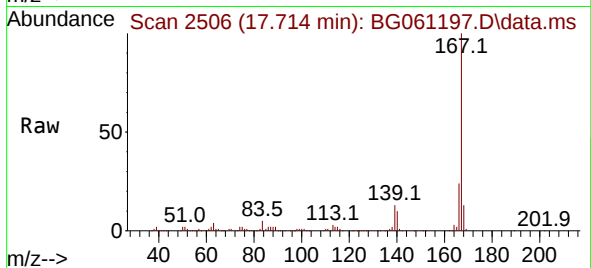
#73  
 Carbazole  
 Concen: 39.030 ng  
 RT: 17.714 min Scan# 2506  
 Delta R.T. -0.018 min  
 Lab File: BG061197.D  
 Acq: 14 May 2024 20:00

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC



Tgt Ion:167 Resp: 263315  
 Ion Ratio Lower Upper  
 167 100  
 166 23.6 18.7 28.1  
 139 13.3 10.6 15.8

Manual Integrations

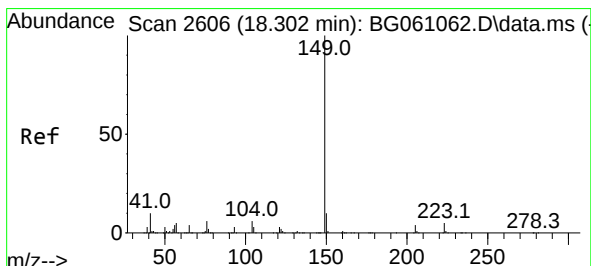
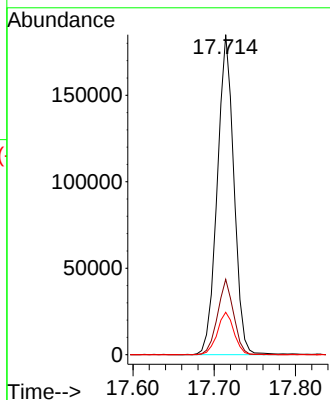
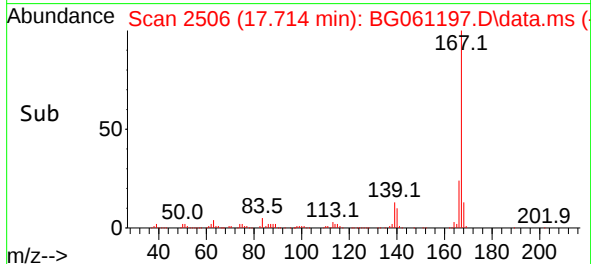
APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024  
 Supervised By :mohammad ahmed 05/17/2024

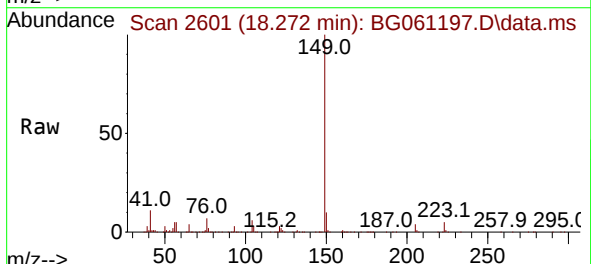
05/15/2024

Supervised By :mohammad  
 ahmed

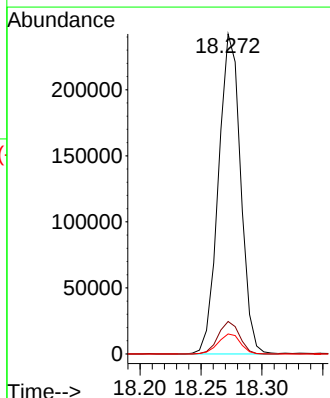
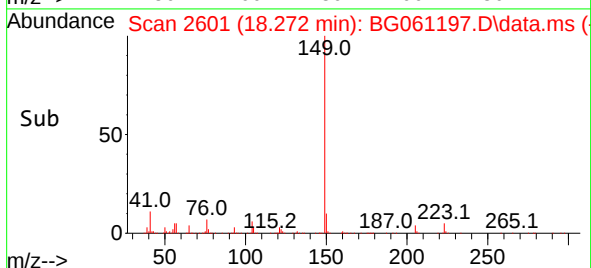
05/17/2024

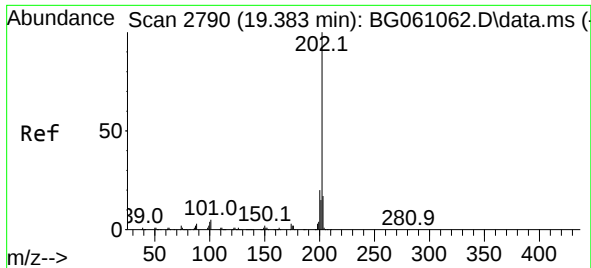


#74  
 Di-n-butylphthalate  
 Concen: 38.227 ng  
 RT: 18.272 min Scan# 2601  
 Delta R.T. -0.030 min  
 Lab File: BG061197.D  
 Acq: 14 May 2024 20:00



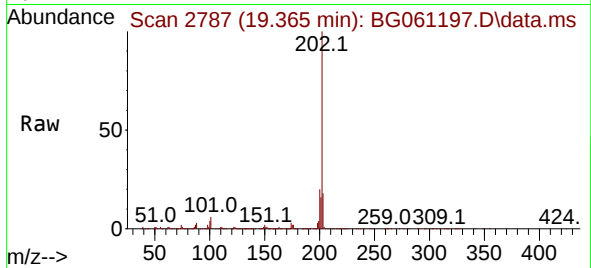
Tgt Ion:149 Resp: 306667  
 Ion Ratio Lower Upper  
 149 100  
 150 10.1 7.7 11.5  
 104 6.3 5.0 7.6





#75  
Fluoranthene  
Concen: 38.190 ng  
RT: 19.365 min Scan# 21  
Delta R.T. -0.018 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



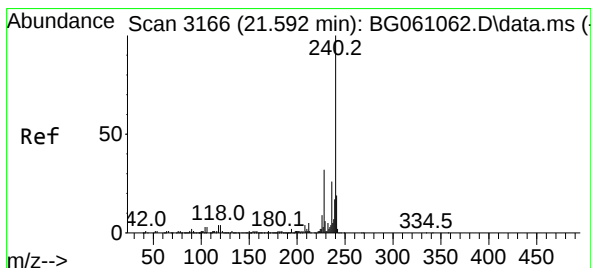
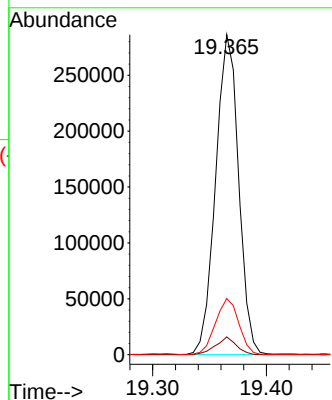
Tgt Ion:202 Resp: 402325  
Ion Ratio Lower Upper  
202 100  
101 5.6 0.0 24.7  
203 17.5 0.0 37.1

Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024  
Supervised By :mohammad ahmed 05/17/2024

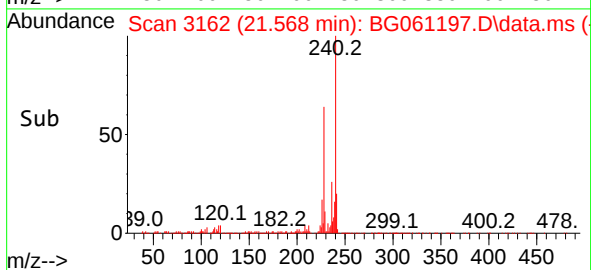
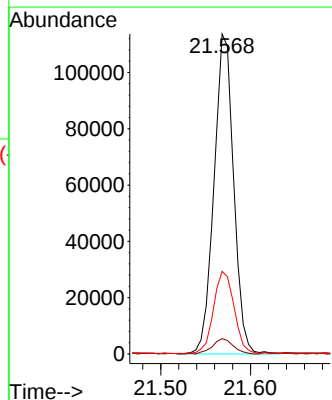
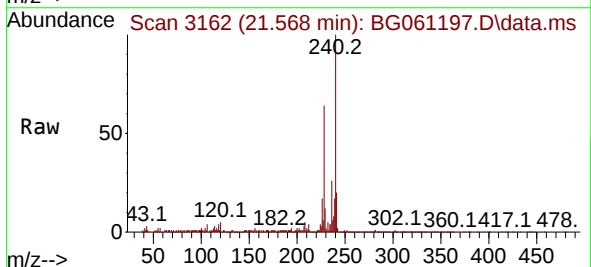
05/15/2024  
Supervised By :mohammad  
ahmed

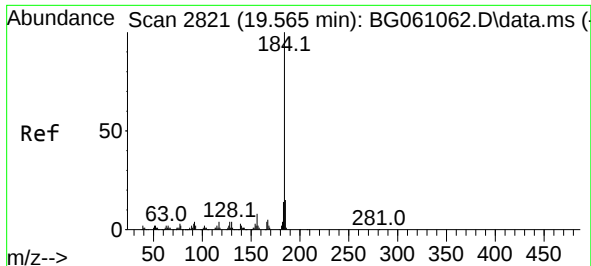
05/17/2024



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.568 min Scan# 3162  
Delta R.T. -0.024 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Tgt Ion:240 Resp: 172691  
Ion Ratio Lower Upper  
240 100  
120 4.8 3.2 4.8#  
236 25.8 21.0 31.6





#77  
Benzidine  
Concen: 37.441 ng  
RT: 19.547 min Scan# 2818  
Delta R.T. -0.018 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:184 Resp: 12089  
Ion Ratio Lower Upper  
184 100  
185 14.9 12.0 18.0  
183 11.4 10.9 16.3

Manual Integrations

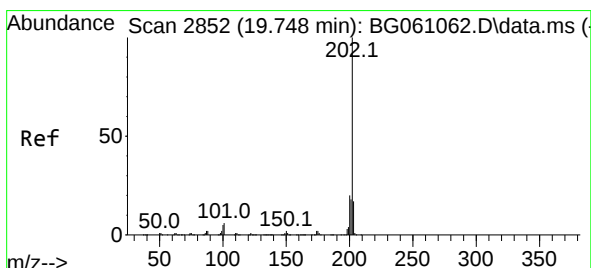
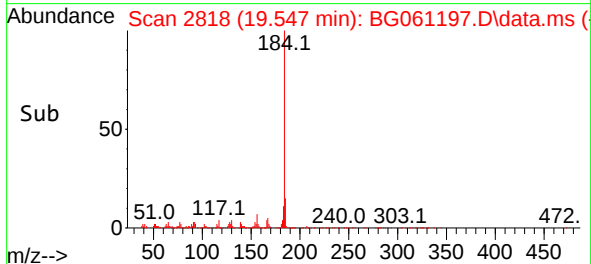
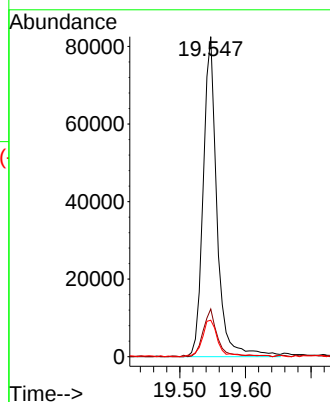
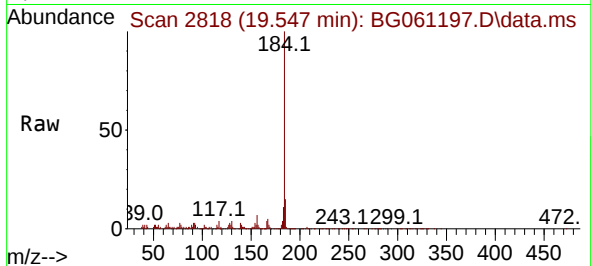
APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024  
Supervised By :mohammad ahmed 05/17/2024

05/15/2024

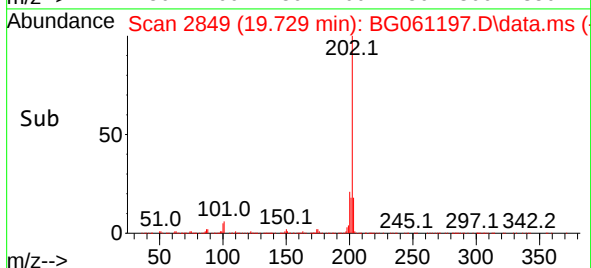
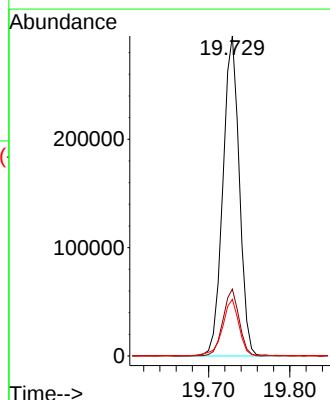
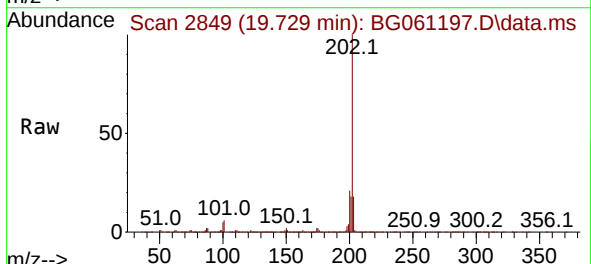
Supervised By :mohammad  
ahmed

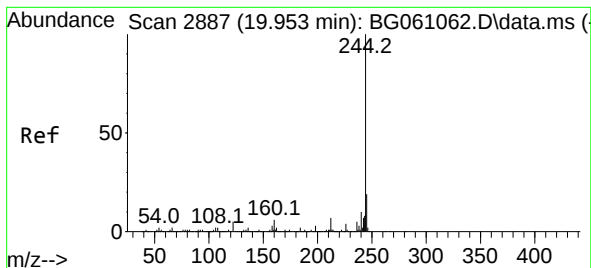
05/17/2024



#78  
Pyrene  
Concen: 37.835 ng  
RT: 19.729 min Scan# 2849  
Delta R.T. -0.018 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Tgt Ion:202 Resp: 415386  
Ion Ratio Lower Upper  
202 100  
200 20.9 16.2 24.4  
203 17.7 13.3 19.9





#79

Terphenyl-d14

Concen: 75.750 ng

RT: 19.929 min Scan# 21

Delta R.T. -0.024 min

Lab File: BG061197.D

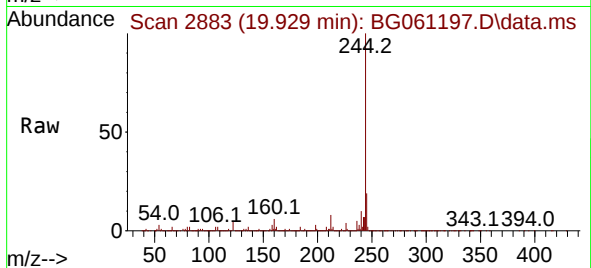
Acq: 14 May 2024 20:00

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 244   | Resp: | 78654 |
| Ion Ratio | Lower | Upper |       |
| 244       | 100   |       |       |
| 212       | 7.8   | 5.7   | 8.5   |
| 122       | 5.2   | 4.2   | 6.2   |

Manual Integrations

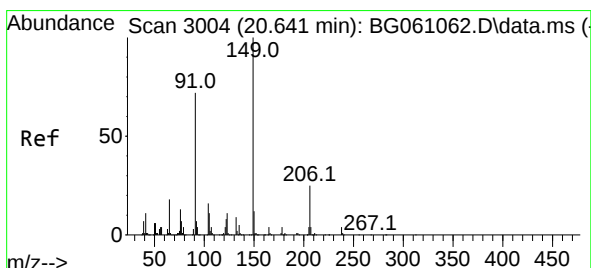
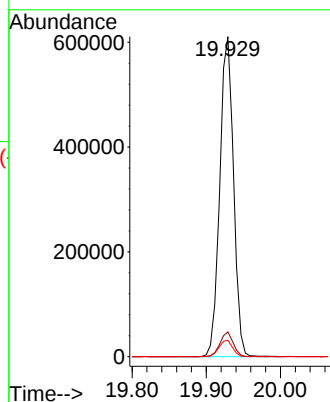
APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024  
Supervised By :mohammad ahmed 05/17/2024

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Supervised By :mohammad  
ahmed

05/17/2024



#80

Butylbenzylphthalate

Concen: 37.801 ng

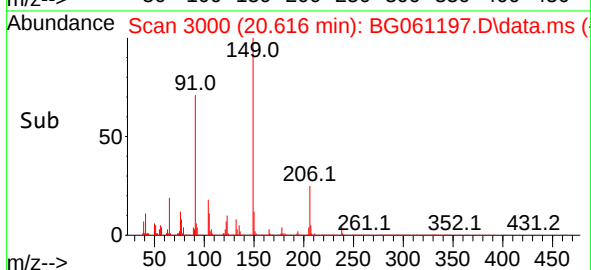
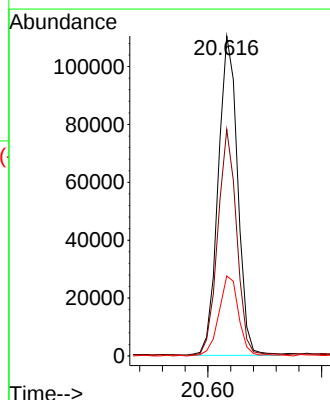
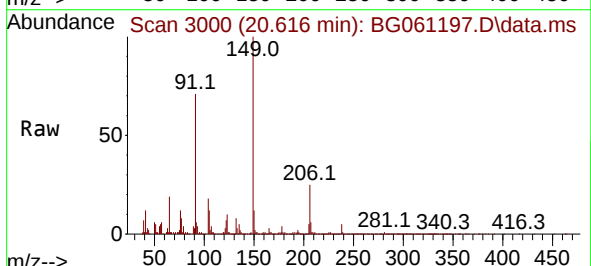
RT: 20.616 min Scan# 3000

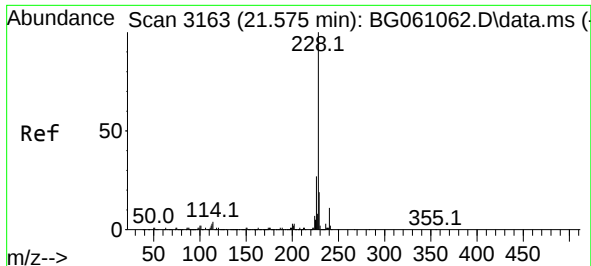
Delta R.T. -0.024 min

Lab File: BG061197.D

Acq: 14 May 2024 20:00

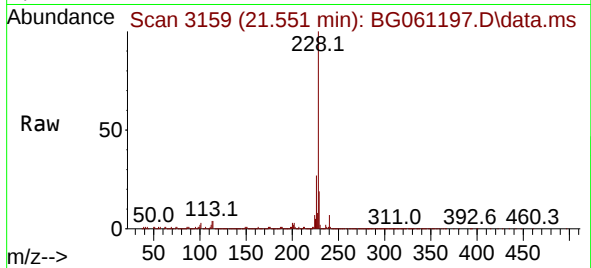
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 131370 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 70.8  | 57.4  | 86.2   |
| 206       | 25.0  | 19.8  | 29.6   |





#81  
Benzo(a)anthracene  
Concen: 37.930 ng  
RT: 21.551 min Scan# 3163  
Delta R.T. -0.024 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



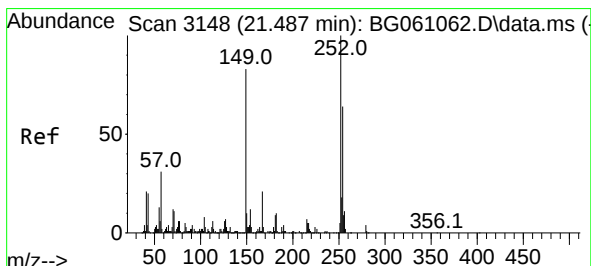
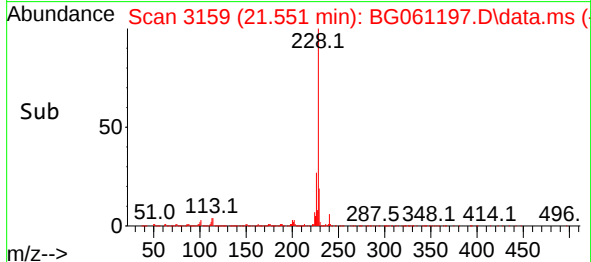
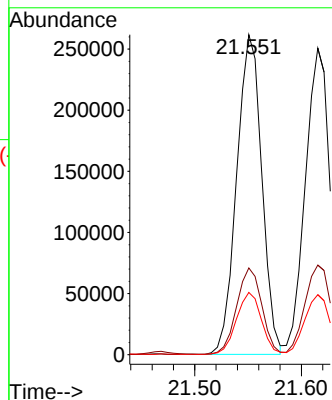
Tgt Ion:228 Resp: 428625  
Ion Ratio Lower Upper  
228 100  
226 27.1 21.6 32.4  
229 19.5 15.0 22.4

Manual Integrations  
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Reviewed By :Jagrut Upadhyay 05/15/2024  
Supervised By :mohammad ahmed 05/17/2024

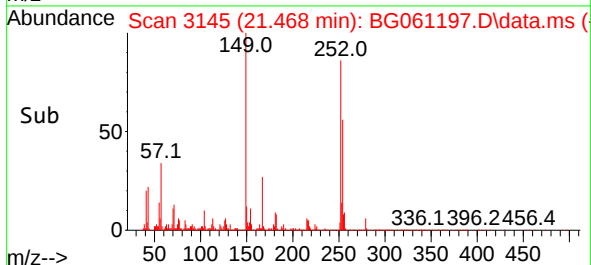
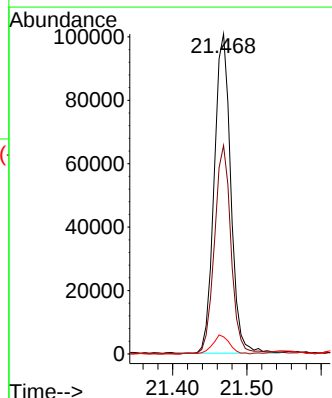
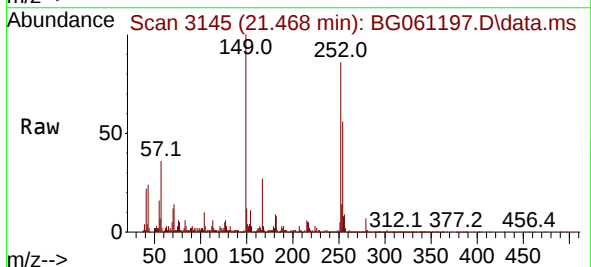
05/15/2024  
Supervised By :mohammad  
ahmed

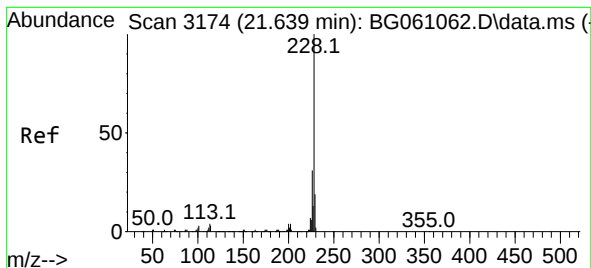
05/17/2024



#82  
3,3'-Dichlorobenzidine  
Concen: 38.371 ng  
RT: 21.468 min Scan# 3145  
Delta R.T. -0.018 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Tgt Ion:252 Resp: 156046  
Ion Ratio Lower Upper  
252 100  
254 65.1 51.3 76.9  
126 5.3 5.2 7.8





#83

Chrysene

Concen: 38.495 ng

RT: 21.615 min Scan# 3170

Delta R.T. -0.024 min

Lab File: BG061197.D

Acq: 14 May 2024 20:00

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:228 Resp: 40756

Ion Ratio Lower Upper

228 100

226 29.2 24.4 36.6

229 19.6 14.8 22.2

Manual Integrations

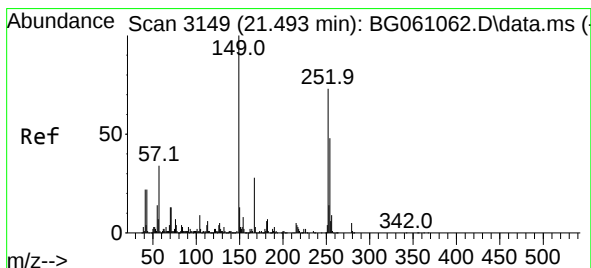
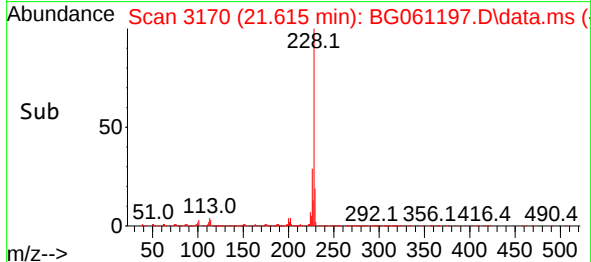
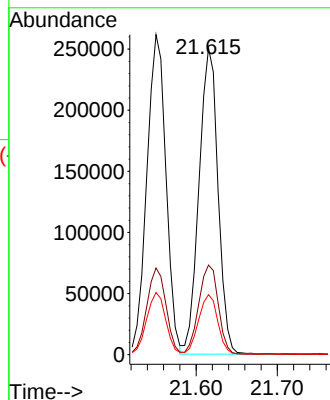
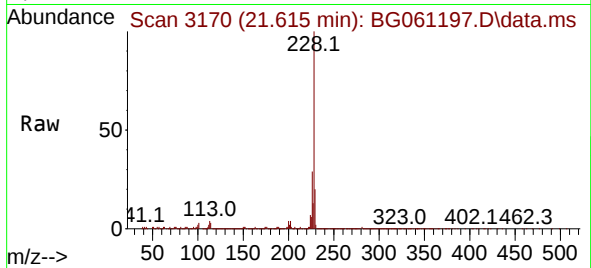
APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024  
Supervised By :mohammad ahmed 05/17/2024

05/15/2024

Supervised By :mohammad  
ahmed

05/17/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.917 ng

RT: 21.463 min Scan# 3144

Delta R.T. -0.030 min

Lab File: BG061197.D

Acq: 14 May 2024 20:00

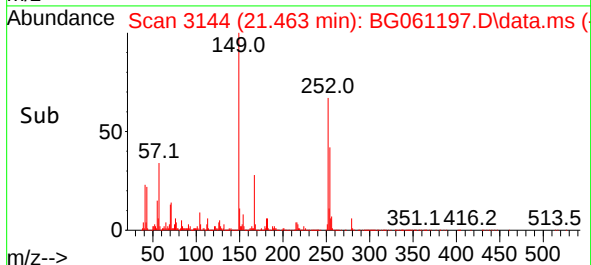
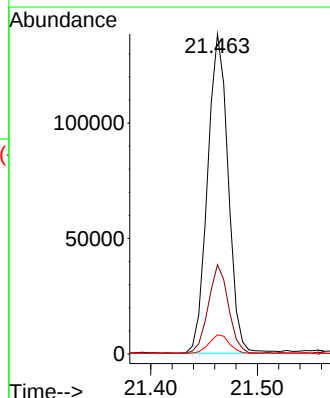
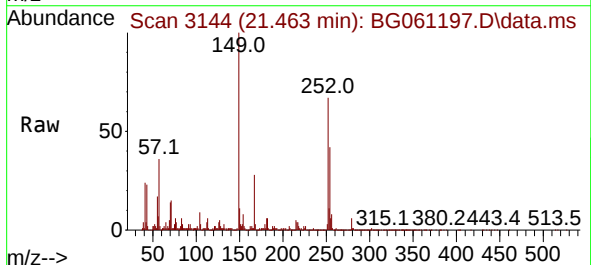
Tgt Ion:149 Resp: 185690

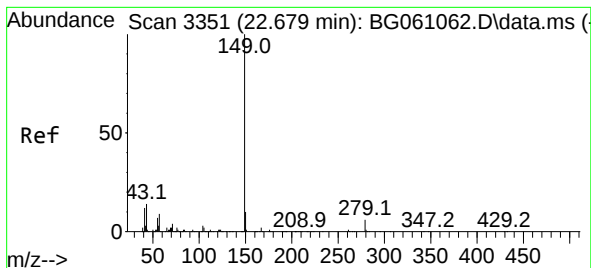
Ion Ratio Lower Upper

149 100

167 27.9 22.1 33.1

279 6.0 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 40.481 ng

RT: 22.644 min Scan# 31

Delta R.T. -0.036 min

Lab File: BG061197.D

Acq: 14 May 2024 20:00

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:149 Resp: 324115  
 Ion Ratio Lower Upper  
 149 100  
 167 2.0 1.4 2.0  
 43 14.0 10.6 15.8

Manual Integrations

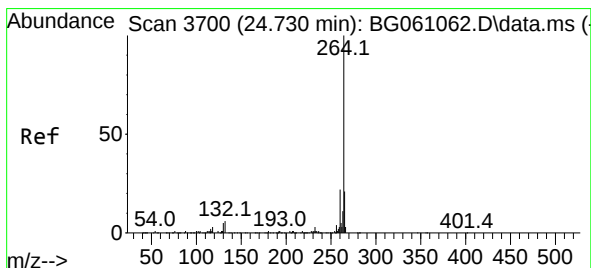
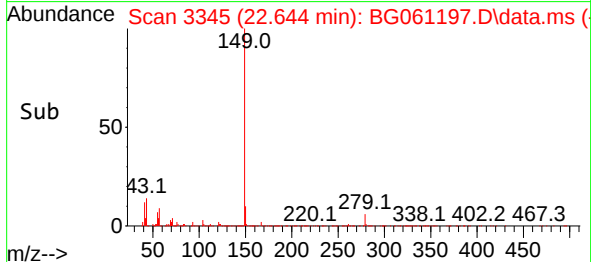
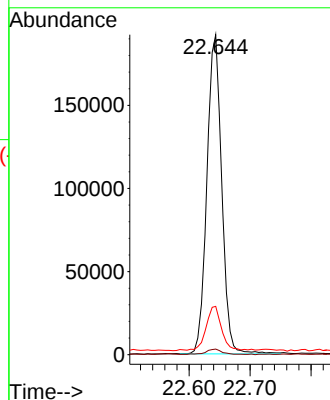
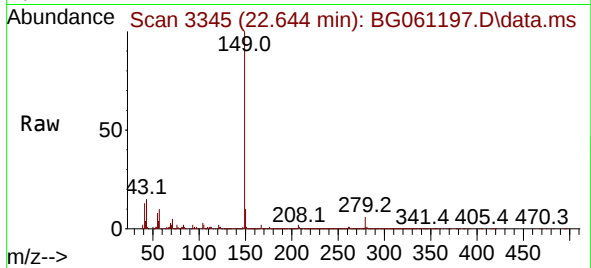
APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024  
 Supervised By :mohammad ahmed 05/17/2024

05/15/2024

Supervised By :mohammad  
 ahmed

05/17/2024



#86

Perylene-d12

Concen: 20.000 ng

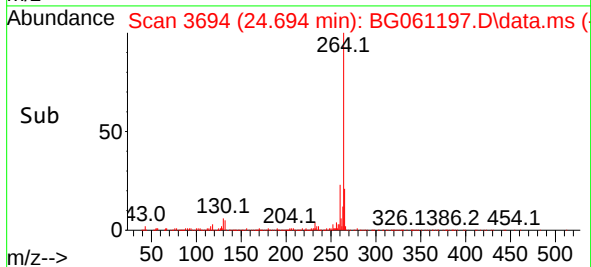
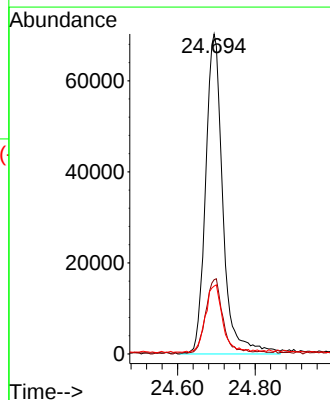
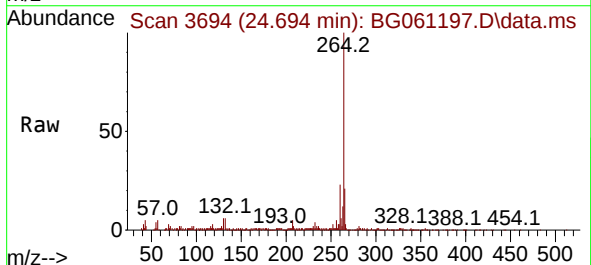
RT: 24.694 min Scan# 3694

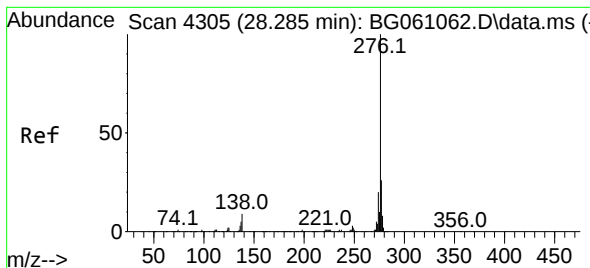
Delta R.T. -0.036 min

Lab File: BG061197.D

Acq: 14 May 2024 20:00

Tgt Ion:264 Resp: 217054  
 Ion Ratio Lower Upper  
 264 100  
 260 23.2 17.7 26.5  
 265 21.2 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 31.265 ng m

RT: 28.249 min Scan# 41

Delta R.T. -0.036 min

Lab File: BG061197.D

Acq: 14 May 2024 20:00

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:276 Resp: 449735  
 Ion Ratio Lower Upper  
 276 100  
 138 0.0 5.1 7.7  
 277 10.4 20.6 30.8

Manual Integrations

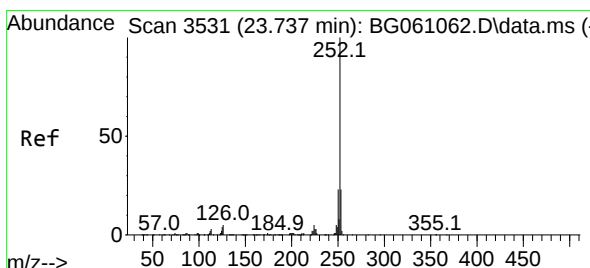
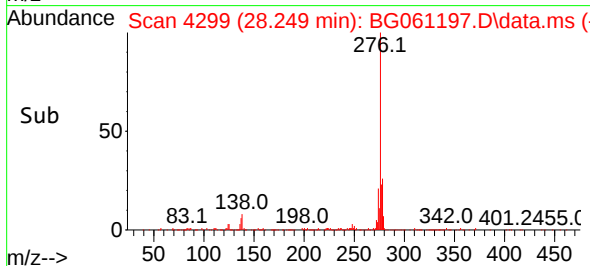
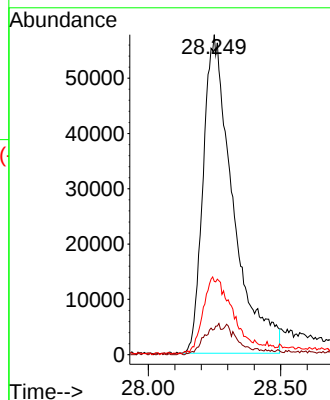
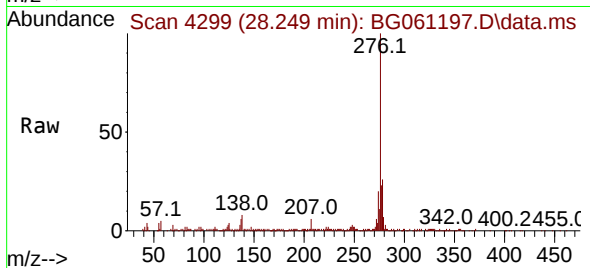
APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024  
 Supervised By :mohammad ahmed 05/17/2024

05/15/2024

Supervised By :mohammad  
 ahmed

05/17/2024



#88

Benzo(b)fluoranthene

Concen: 35.434 ng

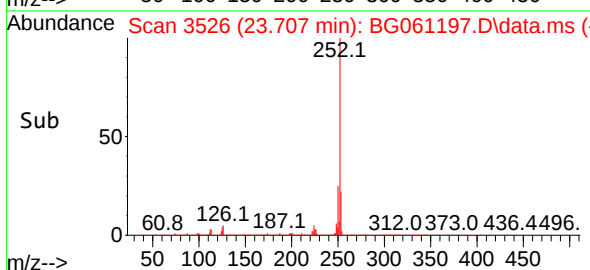
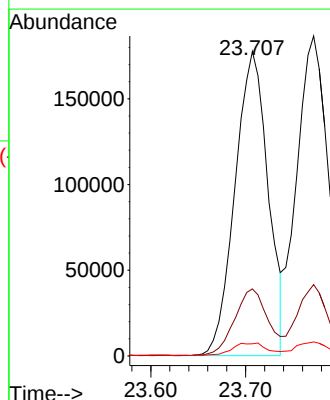
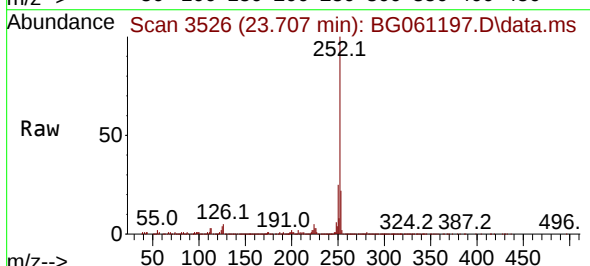
RT: 23.707 min Scan# 3526

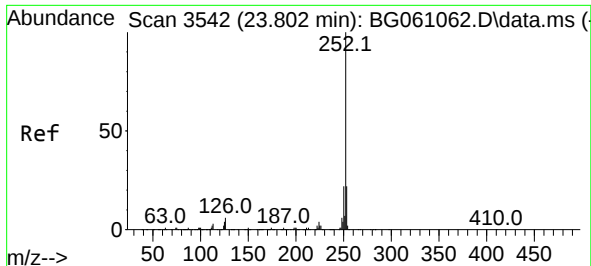
Delta R.T. -0.030 min

Lab File: BG061197.D

Acq: 14 May 2024 20:00

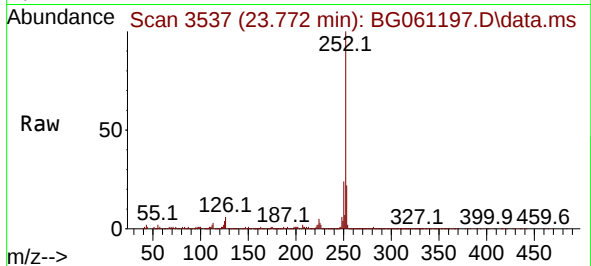
Tgt Ion:252 Resp: 429781  
 Ion Ratio Lower Upper  
 252 100  
 253 22.0 18.2 27.2  
 125 4.0 3.4 5.0





#89  
Benzo(k)fluoranthene  
Concen: 38.593 ng  
RT: 23.772 min Scan# 31  
Delta R.T. -0.030 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



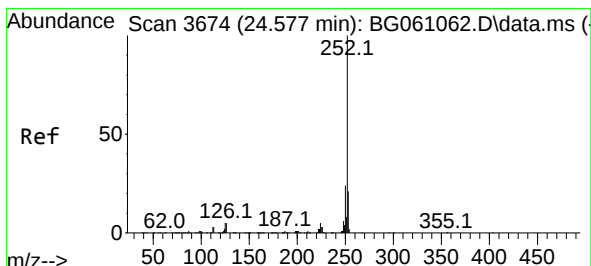
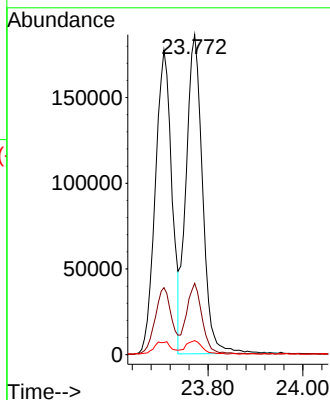
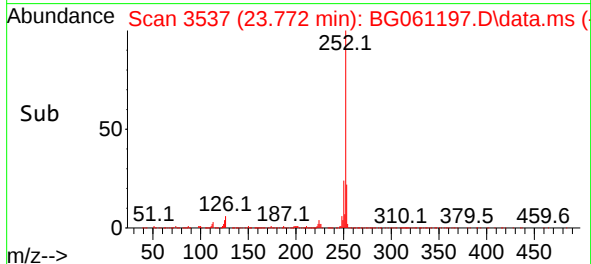
Tgt Ion:252 Resp: 45033  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.3 25.9  
125 4.4 3.2 4.8

Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024  
Supervised By :mohammad ahmed 05/17/2024

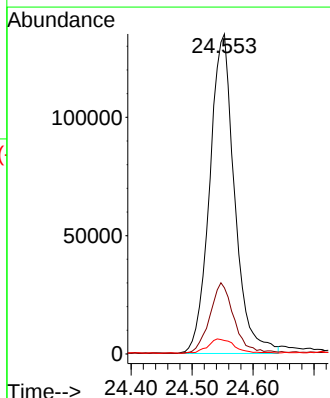
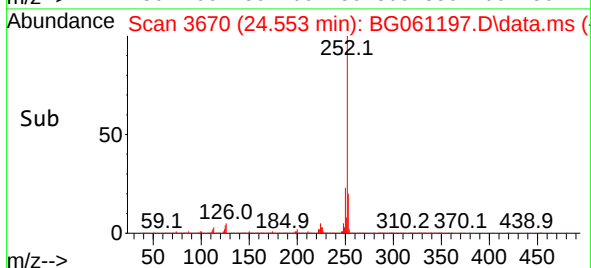
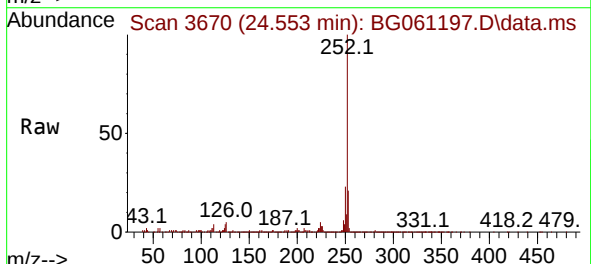
05/15/2024  
Supervised By :mohammad  
ahmed

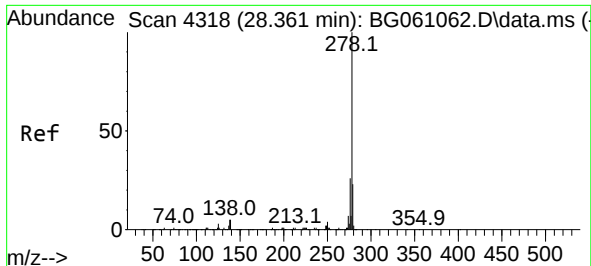
05/17/2024



#90  
Benzo(a)pyrene  
Concen: 36.306 ng  
RT: 24.553 min Scan# 3670  
Delta R.T. -0.024 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

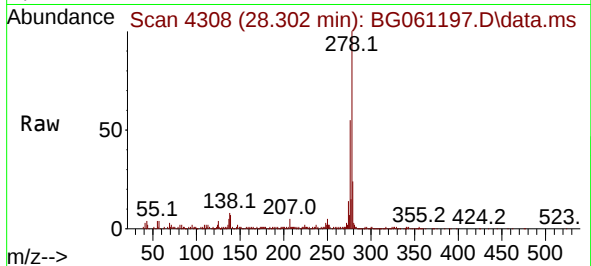
Tgt Ion:252 Resp: 383642  
Ion Ratio Lower Upper  
252 100  
253 20.6 16.9 25.3  
125 4.2 3.8 5.8





#91  
Dibenzo(a,h)anthracene  
Concen: 32.362 ng  
RT: 28.302 min Scan# 41  
Delta R.T. -0.059 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC



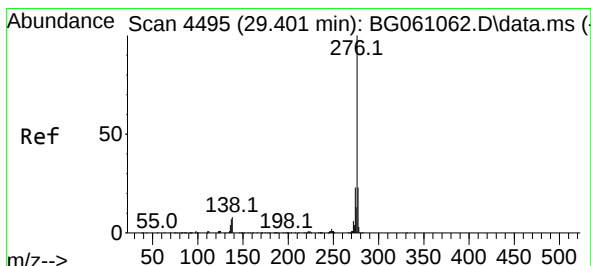
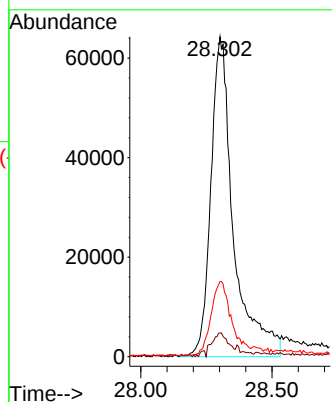
Tgt Ion:278 Resp: 38551  
Ion Ratio Lower Upper  
278 100  
139 7.4 4.2 6.2  
279 23.5 18.0 27.0

Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024  
Supervised By :mohammad ahmed 05/17/2024

05/15/2024  
Supervised By :mohammad  
ahmed

05/17/2024



#92  
Benzo(g,h,i)perylene  
Concen: 27.365 ng m  
RT: 29.353 min Scan# 4487  
Delta R.T. -0.048 min  
Lab File: BG061197.D  
Acq: 14 May 2024 20:00

Tgt Ion:276 Resp: 323949  
Ion Ratio Lower Upper  
276 100  
277 24.0 18.2 27.4  
138 9.0 6.2 9.2

