

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG011624\  
 Data File : BG060335.D  
 Acq On : 16 Jan 2024 14:11  
 Operator : MA/JU  
 Sample : PB158460BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

PB158460BS

## Manual Integrations

## APPROVED

Reviewed By :Jagrut  
 Upadhyay

Quant Time: Jan 16 14:44:36 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG010824.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jan 09 04:07:12 2024

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |                         |
|-------------------------------|--------|------|----------|---------|-------|----------|-------------------------|
| Internal Standards            |        |      |          |         |       |          | 01/17/2024              |
| 1) 1,4-Dichlorobenzene-d4     | 7.931  | 152  | 247102   | 20.000  | ng    | 0.00     | Supervised By :mohammad |
| 21) Naphthalene-d8            | 10.734 | 136  | 1125448  | 20.000  | ng    | 0.00     | 01/18/2024              |
| 39) Acenaphthene-d10          | 14.570 | 164  | 873684   | 20.000  | ng    | 0.00     |                         |
| 64) Phenanthrene-d10          | 17.314 | 188  | 2348554  | 20.000  | ng    | 0.00     |                         |
| 76) Chrysene-d12              | 21.580 | 240  | 2171801  | 20.000  | ng    | 0.00     |                         |
| 86) Perylene-d12              | 24.747 | 264  | 2233737  | 20.000  | ng    | 0.00     |                         |
| System Monitoring Compounds   |        |      |          |         |       |          |                         |
| 5) 2-Fluorophenol             | 5.505  | 112  | 2035835  | 135.511 | ng    | 0.00     |                         |
| 7) Phenol-d6                  | 7.097  | 99   | 3096165  | 139.178 | ng    | 0.00     |                         |
| 23) Nitrobenzene-d5           | 9.094  | 82   | 1810507  | 75.963  | ng    | 0.00     |                         |
| 42) 2,4,6-Tribromophenol      | 16.063 | 330  | 1633621  | 127.086 | ng    | 0.00     |                         |
| 45) 2-Fluorobiphenyl          | 13.190 | 172  | 4209863  | 66.993  | ng    | 0.00     |                         |
| 79) Terphenyl-d14             | 19.935 | 244  | 6181514  | 65.987  | ng    | 0.00     |                         |
| Target Compounds              |        |      |          |         |       |          | Qvalue                  |
| 2) 1,4-Dioxane                | 3.401  | 88   | 252544   | 36.800  | ng    | #        | 96                      |
| 3) Pyridine                   | 3.795  | 79   | 642599   | 33.188  | ng    |          | 95                      |
| 4) n-Nitrosodimethylamine     | 3.712  | 42   | 260000   | 42.906  | ng    |          | 95                      |
| 6) Aniline                    | 7.255  | 93   | 822202   | 36.976  | ng    |          | 99                      |
| 8) 2-Chlorophenol             | 7.496  | 128  | 676599   | 45.443  | ng    |          | 97                      |
| 9) Benzaldehyde               | 7.067  | 77   | 232334m  | 18.195  | ng    |          |                         |
| 10) Phenol                    | 7.126  | 94   | 1083032  | 48.557  | ng    |          | 99                      |
| 11) bis(2-Chloroethyl)ether   | 7.349  | 93   | 757193   | 41.661  | ng    |          | 98                      |
| 12) 1,3-Dichlorobenzene       | 7.819  | 146  | 681283   | 36.455  | ng    |          | 98                      |
| 13) 1,4-Dichlorobenzene       | 7.966  | 146  | 705968   | 37.232  | ng    |          | 97                      |
| 14) 1,2-Dichlorobenzene       | 8.284  | 146  | 760602   | 39.010  | ng    |          | 99                      |
| 15) Benzyl Alcohol            | 8.166  | 79   | 714482m  | 49.616  | ng    |          |                         |
| 16) 2,2'-oxybis(1-Chloropr... | 8.460  | 45   | 942014   | 42.703  | ng    |          | 99                      |
| 17) 2-Methylphenol            | 8.372  | 107  | 730659   | 47.694  | ng    |          | 98                      |
| 18) Hexachloroethane          | 9.012  | 117  | 258037   | 38.813  | ng    |          | 99                      |
| 19) n-Nitroso-di-n-propyla... | 8.730  | 70   | 665129   | 43.200  | ng    |          | 98                      |
| 20) 3+4-Methylphenols         | 8.701  | 107  | 996287   | 48.233  | ng    |          | 98                      |
| 22) Acetophenone              | 8.754  | 105  | 1249415  | 40.386  | ng    | #        | 99                      |
| 24) Nitrobenzene              | 9.136  | 77   | 936639   | 37.909  | ng    |          | 99                      |
| 25) Isophorone                | 9.653  | 82   | 1933837  | 40.402  | ng    |          | 99                      |
| 26) 2-Nitrophenol             | 9.846  | 139  | 422732   | 46.534  | ng    |          | 96                      |
| 27) 2,4-Dimethylphenol        | 9.905  | 122  | 806894   | 67.220  | ng    |          | 99                      |
| 28) bis(2-Chloroethoxy)met... | 10.140 | 93   | 1239596  | 42.386  | ng    |          | 99                      |
| 29) 2,4-Dichlorophenol        | 10.381 | 162  | 947697   | 48.719  | ng    |          | 99                      |
| 30) 1,2,4-Trichlorobenzene    | 10.599 | 180  | 887238   | 36.662  | ng    |          | 96                      |
| 31) Naphthalene               | 10.787 | 128  | 2213614  | 37.522  | ng    |          | 98                      |
| 32) Benzoic acid              | 10.052 | 122  | 451954   | 43.775  | ng    |          | 89                      |
| 33) 4-Chloroaniline           | 10.892 | 127  | 581344   | 25.575  | ng    |          | 98                      |
| 34) Hexachlorobutadiene       | 11.069 | 225  | 534719   | 33.918  | ng    |          | 96                      |
| 35) Caprolactam               | 11.668 | 113  | 309480m  | 49.396  | ng    |          |                         |
| 36) 4-Chloro-3-methylphenol   | 12.015 | 107  | 890595   | 45.067  | ng    |          | 99                      |
| 37) 2-Methylnaphthalene       | 12.391 | 142  | 1680377  | 38.405  | ng    |          | 99                      |
| 38) 1-Methylnaphthalene       | 12.614 | 142  | 1610699  | 36.660  | ng    |          | 98                      |
| 40) 1,2,4,5-Tetrachloroben... | 12.761 | 216  | 1134295  | 36.556  | ng    |          | 99                      |
| 41) Hexachlorocyclopentadiene | 12.737 | 237  | 1050028  | 101.926 | ng    |          | 97                      |
| 43) 2,4,6-Trichlorophenol     | 13.002 | 196  | 810778   | 41.059  | ng    |          | 99                      |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG011624\  
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 Sample : PB158460BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA\_G

ClientSampleId :

PB158460BS

Manual Integrations

APPROVED

Reviewed By :Jagrut

Upadhyay

Quant Time: Jan 16 14:44:36 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG010824.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

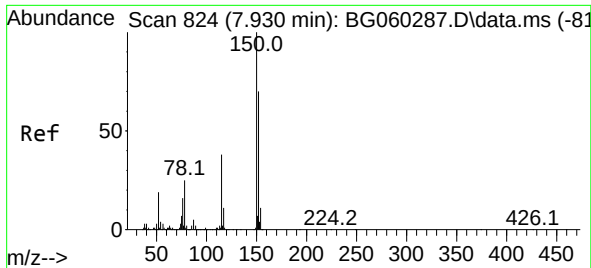
QLast Update : Tue Jan 09 04:07:12 2024

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |                         |
|-------------------------------|--------|------|----------|---------|-------|----------|-------------------------|
| 44) 2,4,5-Trichlorophenol     | 13.078 | 196  | 919950   | 42.238  | ng    | 99       | 01/17/2024              |
| 46) 1,1'-Biphenyl             | 13.401 | 154  | 2446796  | 37.101  | ng    | 99       | Supervised By :mohammad |
| 47) 2-Chloronaphthalene       | 13.442 | 162  | 2038196  | 36.076  | ng    | 99       | ahmed                   |
| 48) 2-Nitroaniline            | 13.648 | 65   | 656267   | 46.643  | ng    | 98       |                         |
| 49) Acenaphthylene            | 14.294 | 152  | 3121971  | 40.128  | ng    | 99       |                         |
| 50) Dimethylphthalate         | 14.024 | 163  | 2753659  | 41.244  | ng    | 100      |                         |
| 51) 2,6-Dinitrotoluene        | 14.141 | 165  | 615021   | 43.170  | ng    | 91       | 01/18/2024              |
| 52) Acenaphthene              | 14.635 | 154  | 1904326  | 39.309  | ng    | 98       |                         |
| 53) 3-Nitroaniline            | 14.476 | 138  | 451678   | 34.794  | ng    | 95       |                         |
| 54) 2,4-Dinitrophenol         | 14.682 | 184  | 753991   | 86.507  | ng    | 97       |                         |
| 55) Dibenzofuran              | 14.970 | 168  | 3223860  | 39.864  | ng    | 97       |                         |
| 56) 4-Nitrophenol             | 14.788 | 139  | 1012449  | 105.149 | ng    | 97       |                         |
| 57) 2,4-Dinitrotoluene        | 14.935 | 165  | 894960   | 45.811  | ng    | 96       |                         |
| 58) Fluorene                  | 15.616 | 166  | 2707190  | 40.423  | ng    | 97       |                         |
| 59) 2,3,4,6-Tetrachlorophenol | 15.193 | 232  | 890189   | 48.131  | ng    | 100      |                         |
| 60) Diethylphthalate          | 15.387 | 149  | 2732426  | 42.630  | ng    | 99       |                         |
| 61) 4-Chlorophenyl-phenyle... | 15.610 | 204  | 1482415  | 40.182  | ng    | 97       |                         |
| 62) 4-Nitroaniline            | 15.646 | 138  | 631117   | 45.680  | ng    | 95       |                         |
| 63) Azobenzene                | 15.904 | 77   | 2687005  | 41.447  | ng    | 99       |                         |
| 65) 4,6-Dinitro-2-methylph... | 15.693 | 198  | 585950   | 45.099  | ng    | 97       |                         |
| 66) n-Nitrosodiphenylamine    | 15.828 | 169  | 2513082  | 40.300  | ng    | 98       |                         |
| 67) 4-Bromophenyl-phenylether | 16.503 | 248  | 1012621  | 39.240  | ng    | 96       |                         |
| 68) Hexachlorobenzene         | 16.621 | 284  | 1150474  | 37.663  | ng    | 99       |                         |
| 69) Atrazine                  | 16.774 | 200  | 1464981  | 62.302  | ng    | 98       |                         |
| 70) Pentachlorophenol         | 16.968 | 266  | 1567656  | 95.210  | ng    | 93       |                         |
| 71) Phenanthrene              | 17.361 | 178  | 4425693  | 38.987  | ng    | 96       |                         |
| 72) Anthracene                | 17.449 | 178  | 4465537  | 39.401  | ng    | 97       |                         |
| 73) Carbazole                 | 17.720 | 167  | 4148394  | 38.825  | ng    | 97       |                         |
| 74) Di-n-butylphthalate       | 18.278 | 149  | 4211516  | 38.308  | ng    | 97       |                         |
| 75) Fluoranthene              | 19.371 | 202  | 4902978  | 35.960  | ng    | 95       |                         |
| 77) Benzidine                 | 19.553 | 184  | 988765   | 20.956  | ng    | 98       |                         |
| 78) Pyrene                    | 19.735 | 202  | 5048837  | 36.404  | ng    | 94       |                         |
| 80) Butylbenzylphthalate      | 20.622 | 149  | 2065209  | 43.282  | ng    | 97       |                         |
| 81) Benzo(a)anthracene        | 21.562 | 228  | 5239646  | 38.971  | ng    | 93       |                         |
| 82) 3,3'-Dichlorobenzidine    | 21.480 | 252  | 1897416  | 36.850  | ng    | 98       |                         |
| 83) Chrysene                  | 21.627 | 228  | 4964333  | 37.542  | ng    | 96       |                         |
| 84) Bis(2-ethylhexyl)phtha... | 21.468 | 149  | 3017719  | 41.853  | ng    | # 97     |                         |
| 85) Di-n-octyl phthalate      | 22.655 | 149  | 4978086  | 42.605  | ng    | 100      |                         |
| 87) Indeno(1,2,3-cd)pyrene    | 28.360 | 276  | 7028843  | 45.256  | ng    | 97       |                         |
| 88) Benzo(b)fluoranthene      | 23.742 | 252  | 5672610  | 42.987  | ng    | 99       |                         |
| 89) Benzo(k)fluoranthene      | 23.812 | 252  | 5604146  | 43.037  | ng    | 98       |                         |
| 90) Benzo(a)pyrene            | 24.600 | 252  | 5130384  | 43.038  | ng    | 97       |                         |
| 91) Dibenzo(a,h)anthracene    | 28.431 | 278  | 5773754  | 45.520  | ng    | 98       |                         |
| 92) Benzo(g,h,i)perylene      | 29.494 | 276  | 5709041  | 43.916  | ng    | 98       |                         |

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





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.931 min Scan# 81  
Delta R.T. 0.001 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

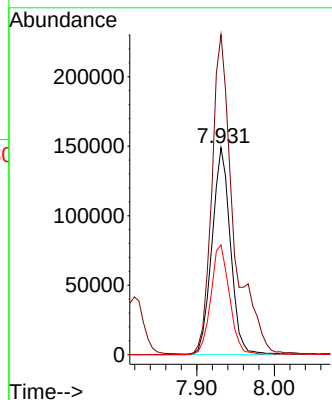
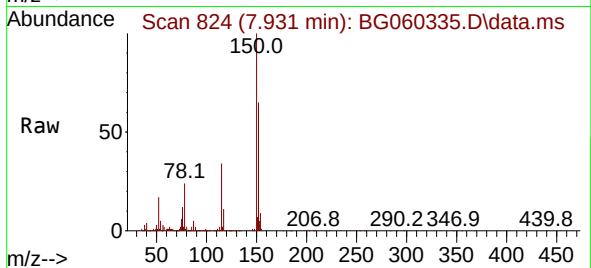
ClientSampleId :

PB158460BS

Tgt Ion:152 Resp: 24710  
Ion Ratio Lower Upper  
152 100  
150 154.6 114.5 171.7  
115 53.0 43.0 64.6

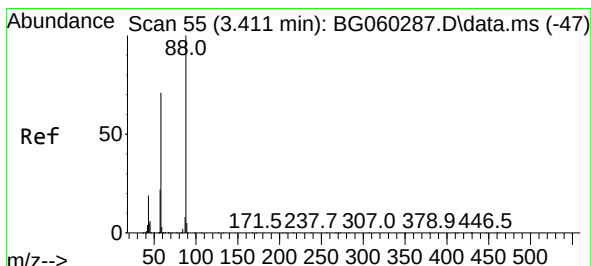
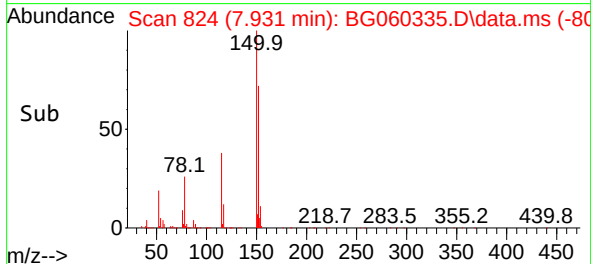
Manual Integrations  
APPROVED

Reviewed By :Jagrut  
Upadhyay



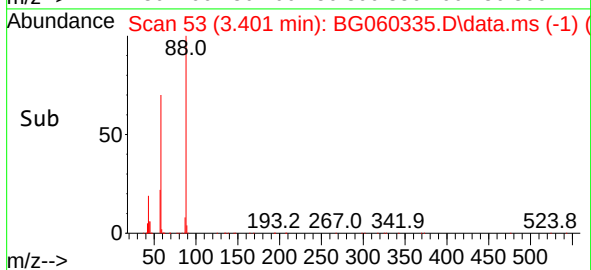
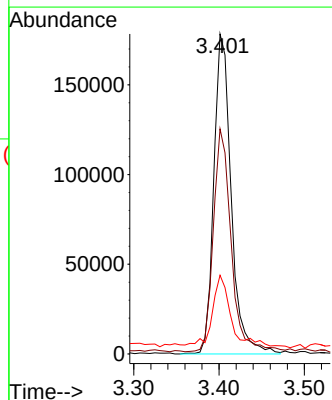
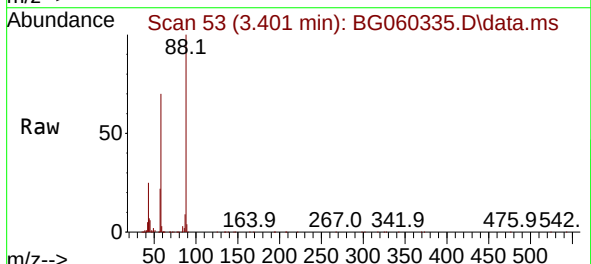
01/17/2024  
Supervised By :mohammad  
ahmed

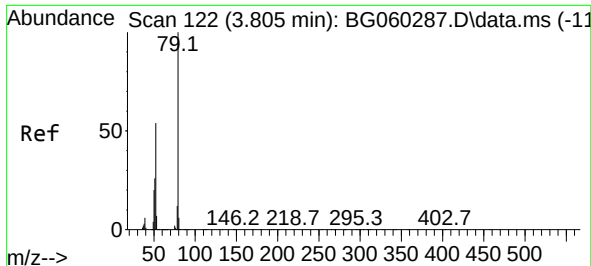
01/18/2024



#2  
1,4-Dioxane  
Concen: 36.800 ng  
RT: 3.401 min Scan# 53  
Delta R.T. -0.010 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion: 88 Resp: 252544  
Ion Ratio Lower Upper  
88 100  
58 71.4 55.9 83.9  
43 25.3 16.6 24.8





#3  
Pyridine  
Concen: 33.188 ng  
RT: 3.795 min Scan# 11  
Delta R.T. -0.010 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

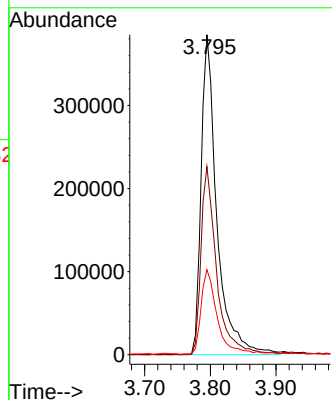
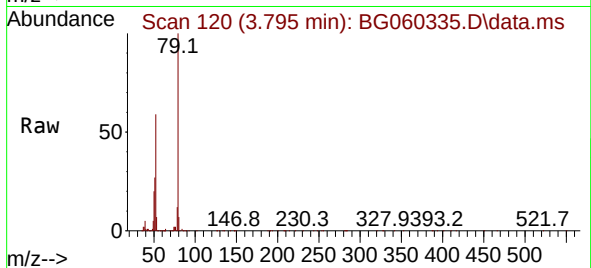
ClientSampleId :

PB158460BS

Tgt Ion: 79 Resp: 642599  
Ion Ratio Lower Upper  
79 100  
52 58.7 43.2 64.8  
51 26.5 21.4 32.2

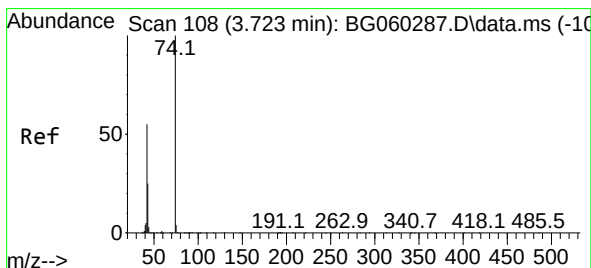
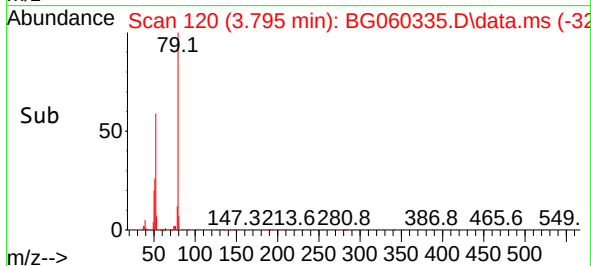
Manual Integrations  
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Upadhyay



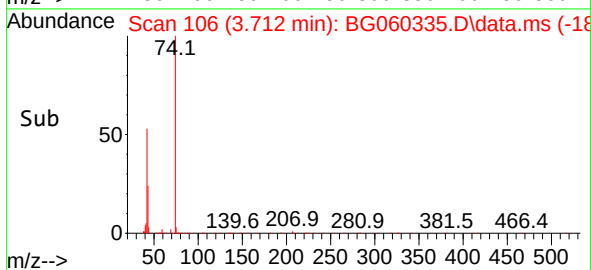
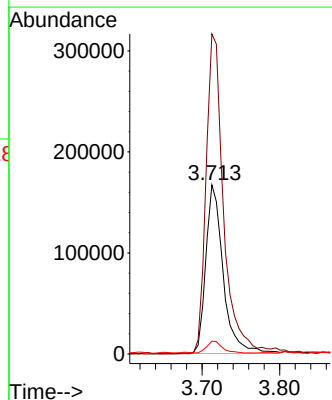
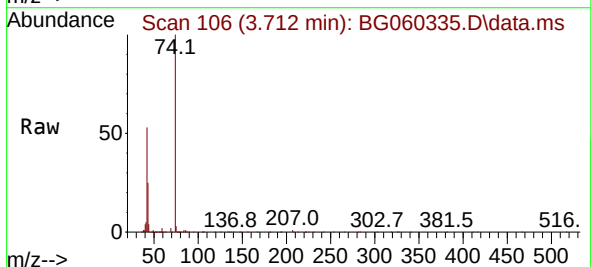
01/17/2024  
Supervised By :mohammad  
ahmed

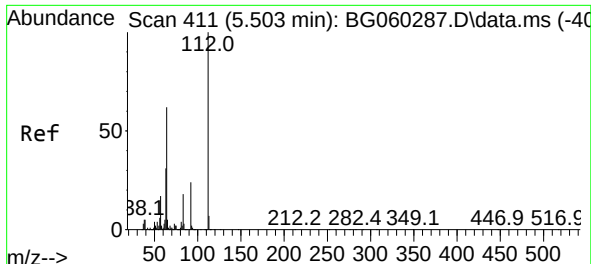
01/18/2024



#4  
n-Nitrosodimethylamine  
Concen: 42.906 ng  
RT: 3.712 min Scan# 106  
Delta R.T. -0.010 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion: 42 Resp: 260000  
Ion Ratio Lower Upper  
42 100  
74 189.1 145.1 217.7  
44 7.6 5.2 7.8





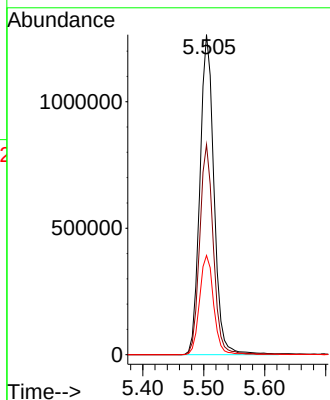
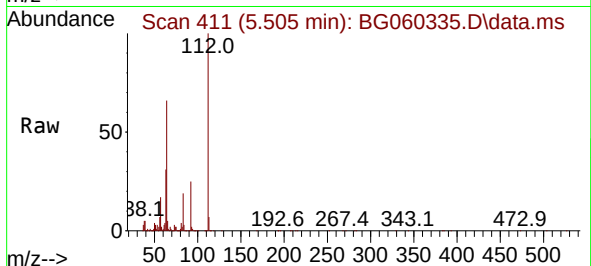
#5  
2-Fluorophenol  
Concen: 135.511 ng  
RT: 5.505 min Scan# 411  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS

Tgt Ion:112 Resp: 2035835  
Ion Ratio Lower Upper  
112 100  
64 65.7 49.8 74.6  
63 31.0 24.4 36.6

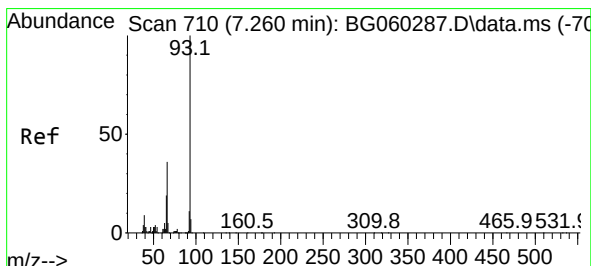
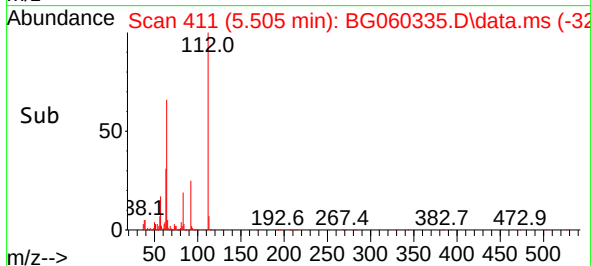
Manual Integrations  
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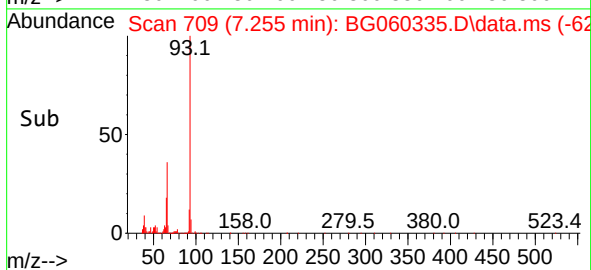
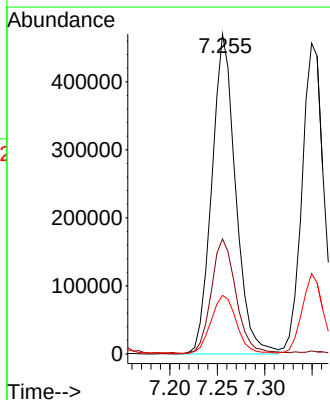
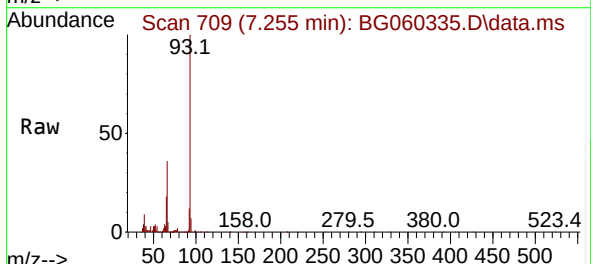
01/17/2024  
Supervised By :mohammad  
ahmed

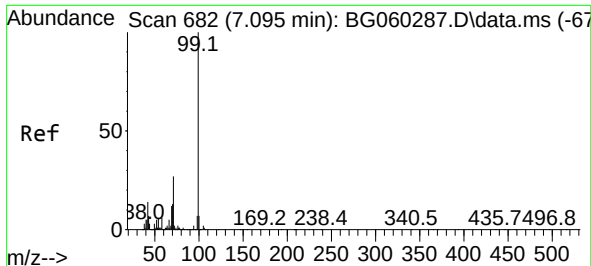
01/18/2024



#6  
Aniline  
Concen: 36.976 ng  
RT: 7.255 min Scan# 709  
Delta R.T. -0.004 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

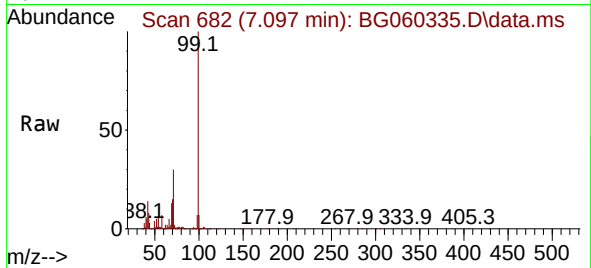
Tgt Ion: 93 Resp: 822202  
Ion Ratio Lower Upper  
93 100  
66 36.0 29.0 43.4  
65 18.3 15.1 22.7





#7  
Phenol-d6  
Concen: 139.178 ng  
RT: 7.097 min Scan# 682  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

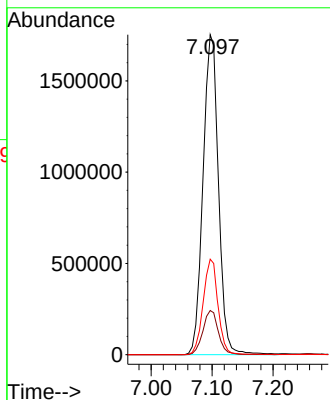
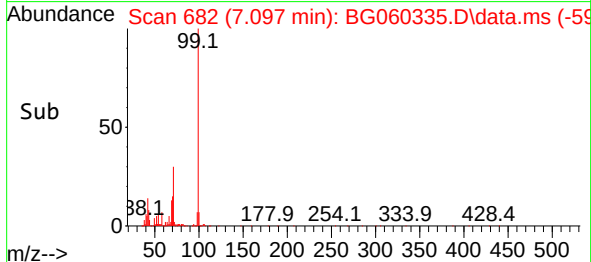
Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS



Tgt Ion: 99 Resp: 309616  
Ion Ratio Lower Upper  
99 100  
42 13.8 10.9 16.3  
71 29.8 21.5 32.3

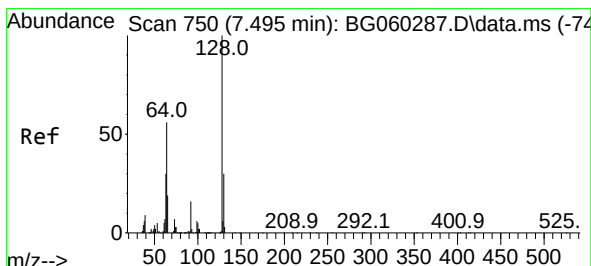
Manual Integrations  
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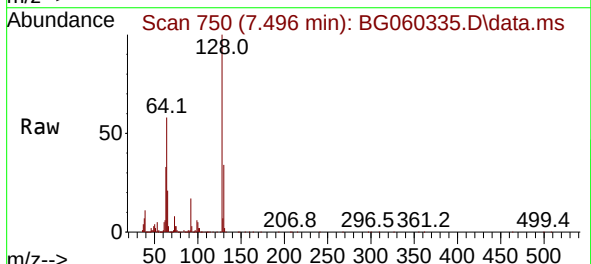


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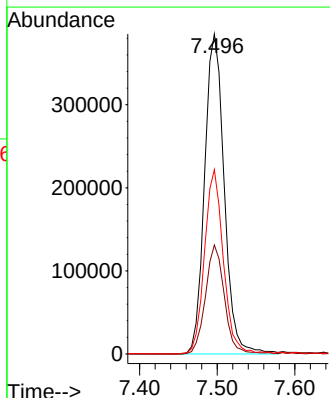
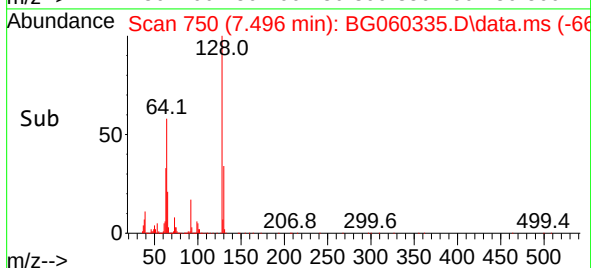
01/18/2024

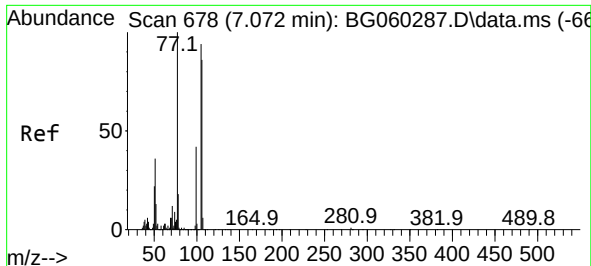


#8  
2-Chlorophenol  
Concen: 45.443 ng  
RT: 7.496 min Scan# 750  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11



Tgt Ion:128 Resp: 676599  
Ion Ratio Lower Upper  
128 100  
130 34.1 9.9 49.9  
64 57.6 37.8 77.8





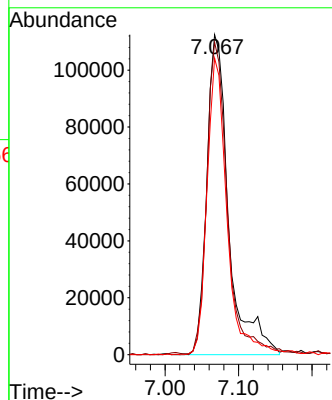
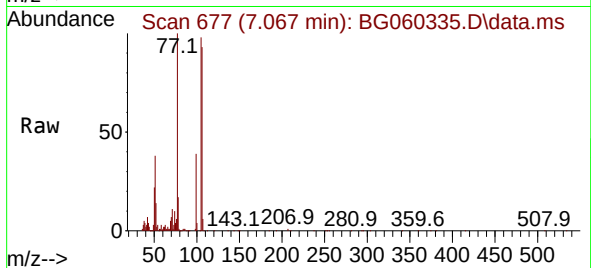
#9  
Benzaldehyde  
Concen: 18.195 ng m  
RT: 7.067 min Scan# 61  
Delta R.T. -0.004 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS

Tgt Ion: 77 Resp: 232334  
Ion Ratio Lower Upper  
77 100  
105 97.6 73.6 113.6  
106 92.6 66.2 106.2

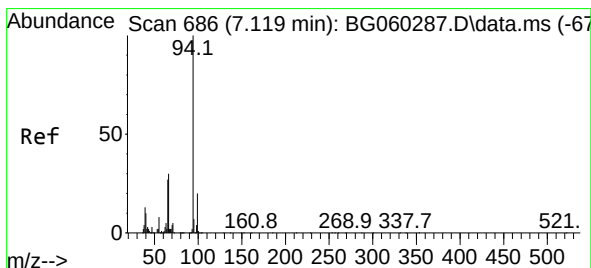
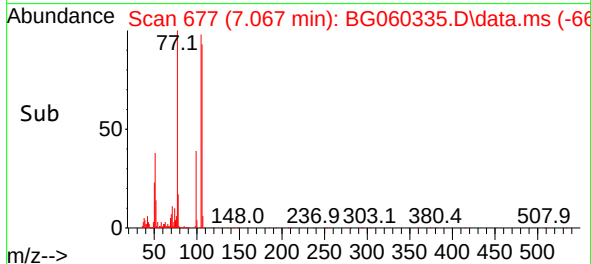
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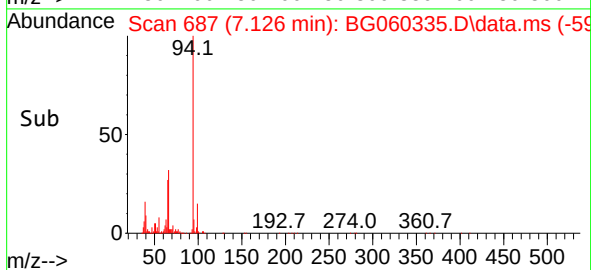
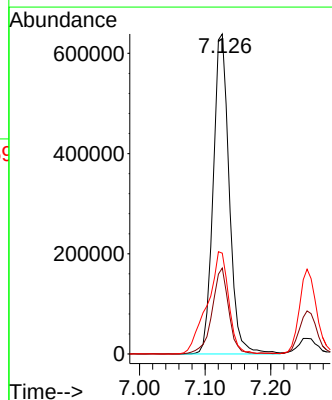
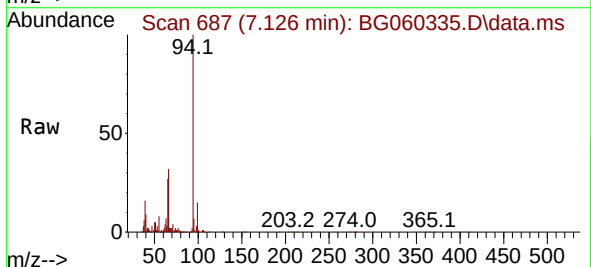
01/17/2024  
Supervised By :mohammad  
ahmed

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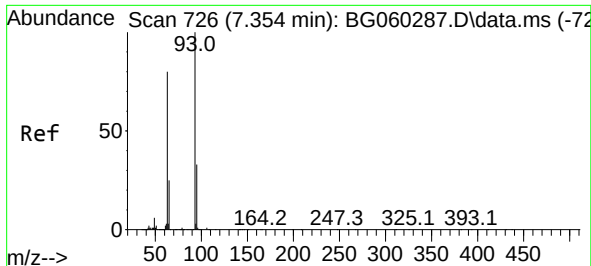


#10  
Phenol  
Concen: 48.557 ng  
RT: 7.126 min Scan# 687  
Delta R.T. 0.007 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion: 94 Resp: 1083032  
Ion Ratio Lower Upper  
94 100  
65 26.9 6.7 46.7  
66 31.5 10.6 50.6

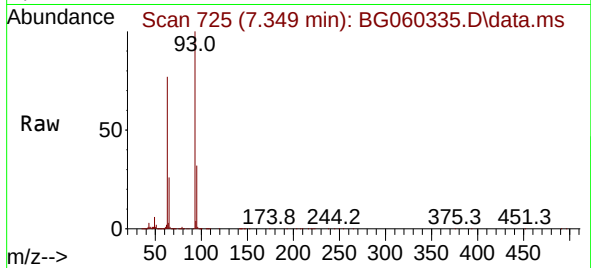






#11  
bis(2-Chloroethyl)ether  
Concen: 41.661 ng  
RT: 7.349 min Scan# 726  
Delta R.T. -0.004 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

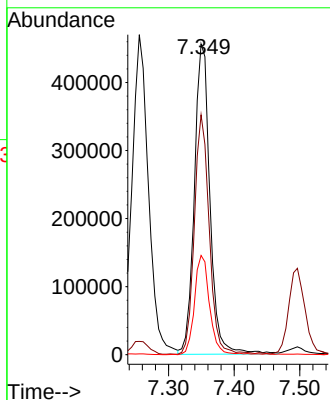
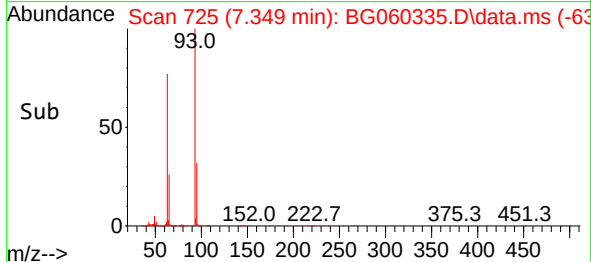
Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS



Tgt Ion: 93 Resp: 757193  
Ion Ratio Lower Upper  
93 100  
63 77.2 59.3 99.3  
95 31.9 12.8 52.8

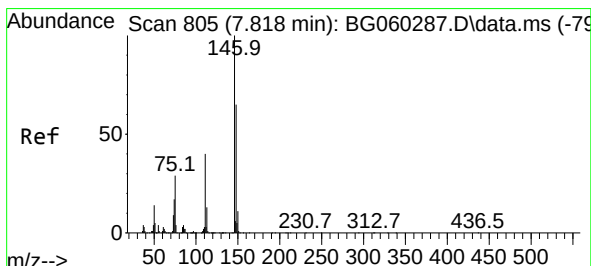
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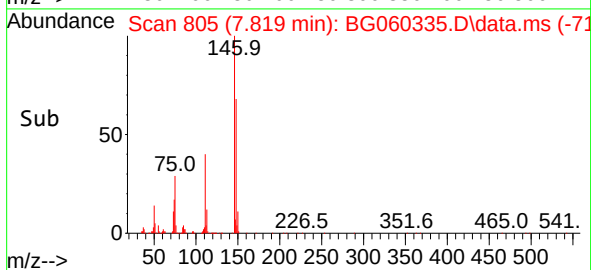
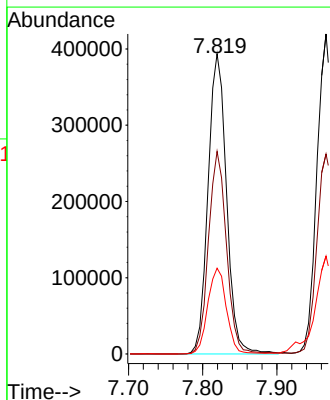
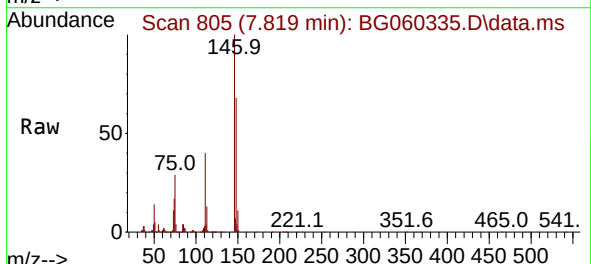
01/17/2024  
Supervised By :mohammad  
ahmed

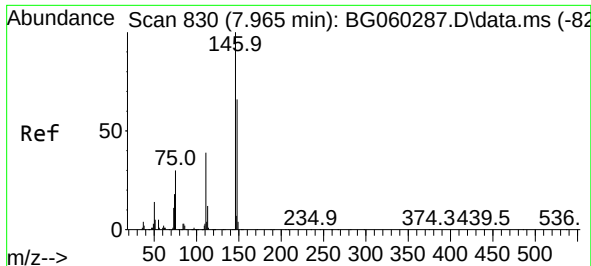
01/18/2024



#12  
1,3-Dichlorobenzene  
Concen: 36.455 ng  
RT: 7.819 min Scan# 805  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion:146 Resp: 681283  
Ion Ratio Lower Upper  
146 100  
148 67.5 52.3 78.5  
75 28.6 22.9 34.3





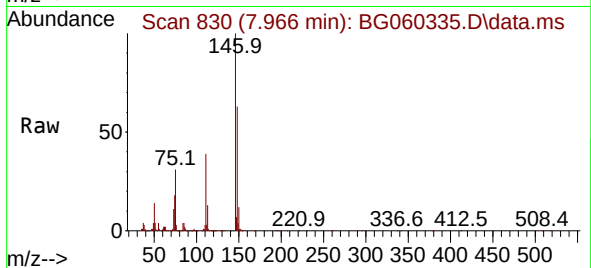
#13  
1,4-Dichlorobenzene  
Concen: 37.232 ng  
RT: 7.966 min Scan# 830  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

ClientSampleId :

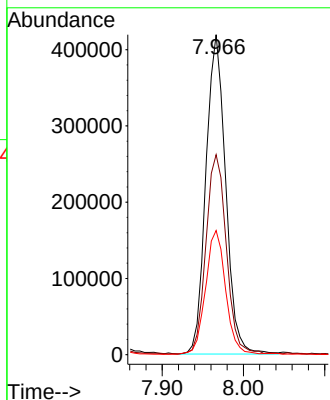
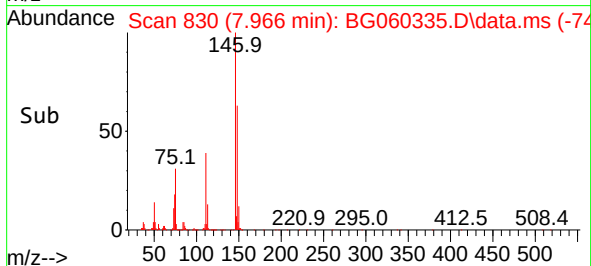
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Tgt Ion:146 Resp: 705968  
Ion Ratio Lower Upper  
146 100  
148 62.5 52.7 79.1  
111 38.8 31.4 47.0

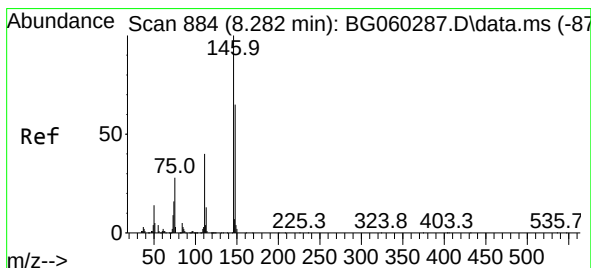
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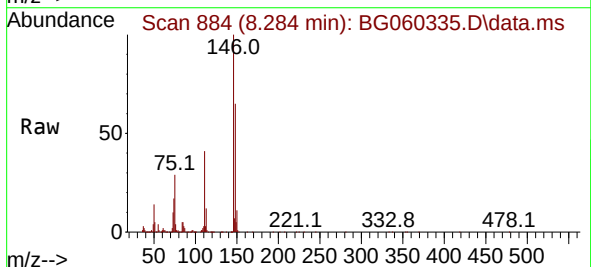


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Supervised By :mohammad  
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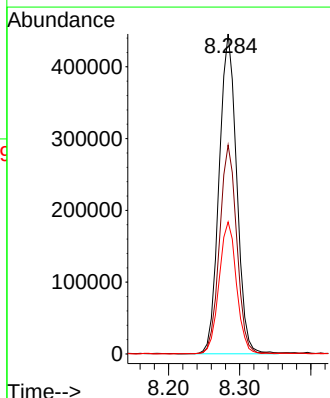
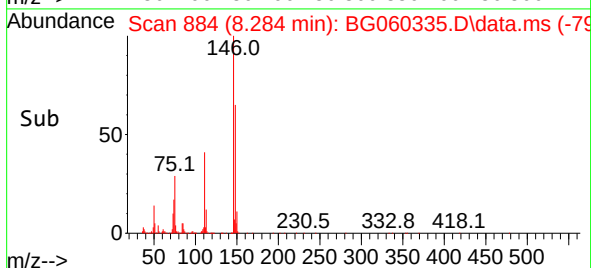
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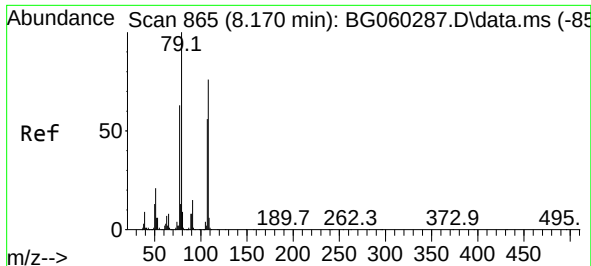


#14  
1,2-Dichlorobenzene  
Concen: 39.010 ng  
RT: 8.284 min Scan# 884  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11



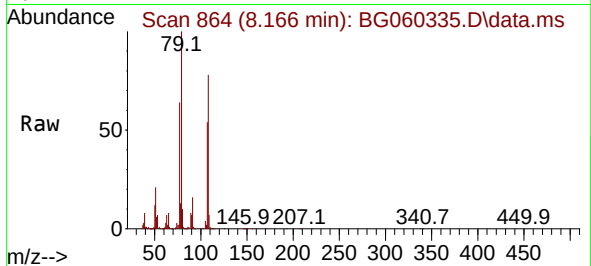
Tgt Ion:146 Resp: 760602  
Ion Ratio Lower Upper  
146 100  
148 65.3 51.8 77.8  
111 41.2 32.6 48.8





#15  
Benzyl Alcohol  
Concen: 49.616 ng m  
RT: 8.166 min Scan# 80  
Delta R.T. -0.004 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

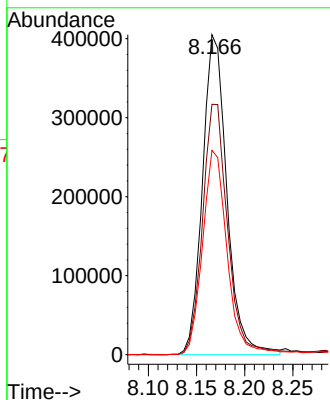
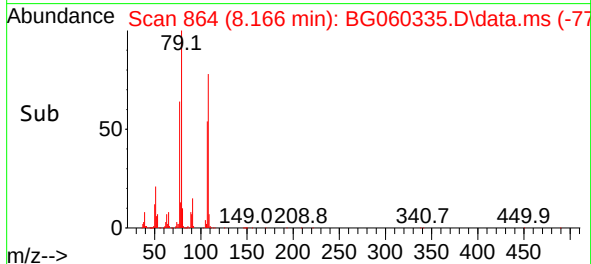
Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS



Tgt Ion: 79 Resp: 71448  
Ion Ratio Lower Upper  
79 100  
108 78.3 61.2 91.8  
77 63.8 50.3 75.5

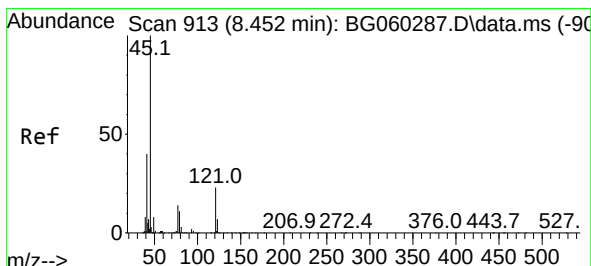
Manual Integrations  
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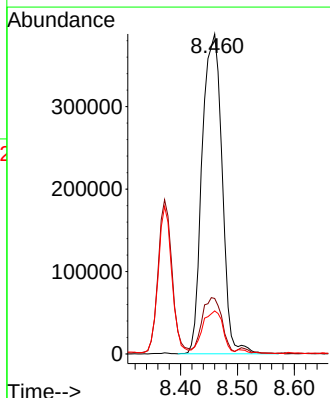
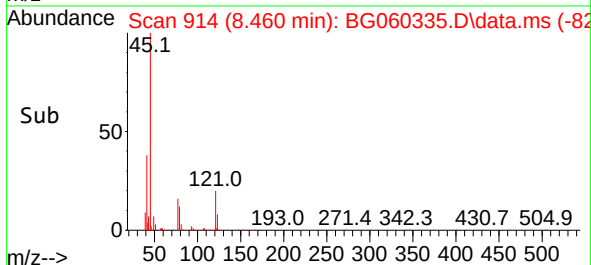
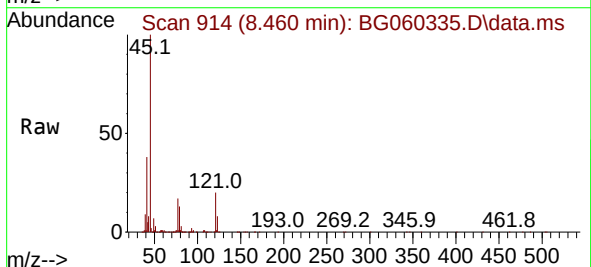
01/17/2024  
Supervised By :mohammad  
ahmed

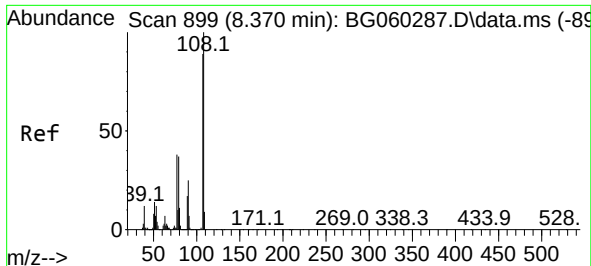
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.703 ng  
RT: 8.460 min Scan# 914  
Delta R.T. 0.007 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

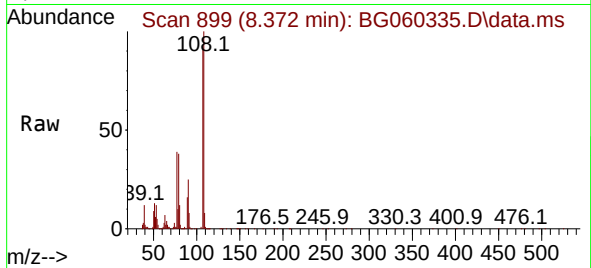
Tgt Ion: 45 Resp: 942014  
Ion Ratio Lower Upper  
45 100  
77 17.3 0.0 37.3  
79 13.5 0.0 34.0





#17  
2-Methylphenol  
Concen: 47.694 ng  
RT: 8.372 min Scan# 899  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

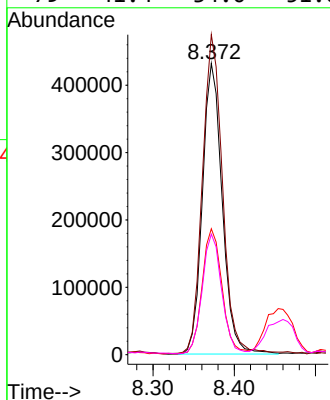
Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 730659 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 109.9 | 90.5  | 135.7  |
| 77        | 43.3  | 35.0  | 52.6   |
| 79        | 41.4  | 34.0  | 51.0   |

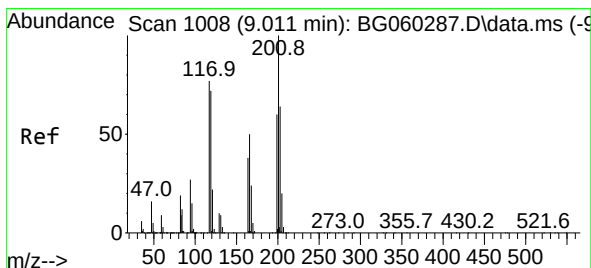
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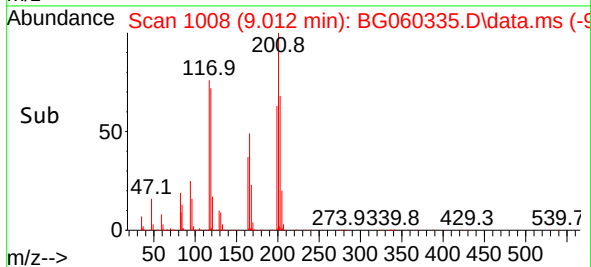
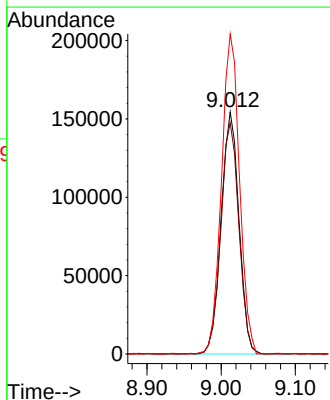
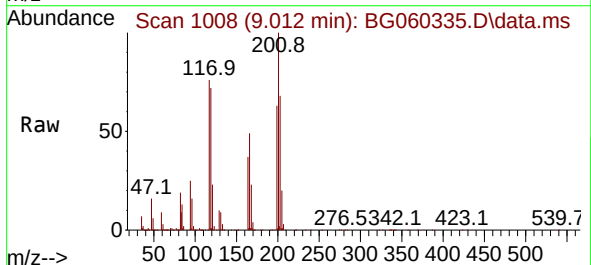
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Supervised By :mohammad  
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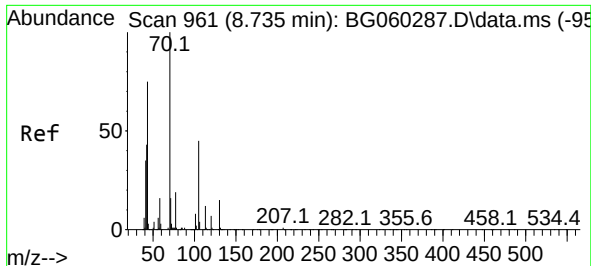
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#18  
Hexachloroethane  
Concen: 38.813 ng  
RT: 9.012 min Scan# 1008  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 258037 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 95.5  | 74.5  | 111.7  |
| 201       | 132.2 | 106.3 | 159.5  |





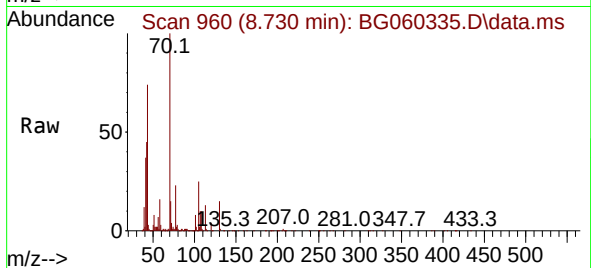
#19  
n-Nitroso-di-n-propylamine  
Concen: 43.200 ng  
RT: 8.730 min Scan# 961  
Delta R.T. -0.004 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

ClientSampleId :

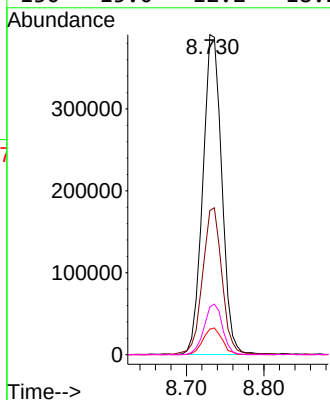
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Tgt Ion: 70 Resp: 665129  
Ion Ratio Lower Upper  
70 100  
42 45.0 34.3 51.5  
101 8.0 6.2 9.2  
130 15.0 12.2 18.2

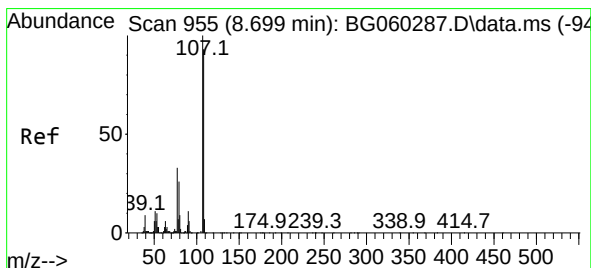
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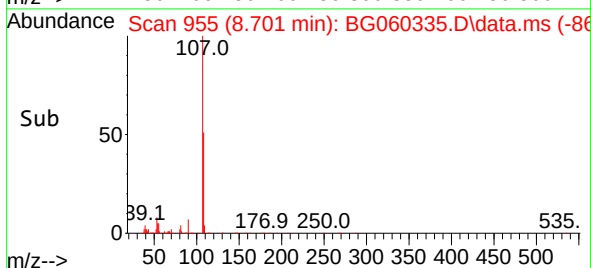
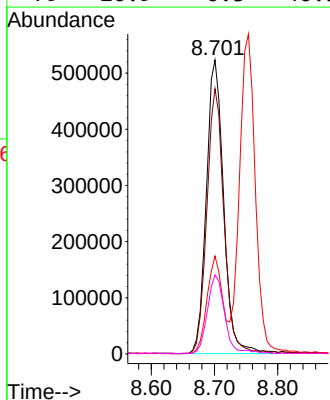
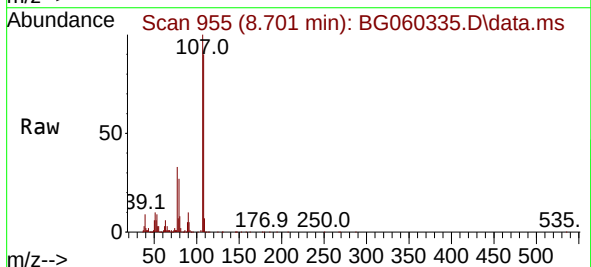
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Supervised By :mohammad  
ahmed

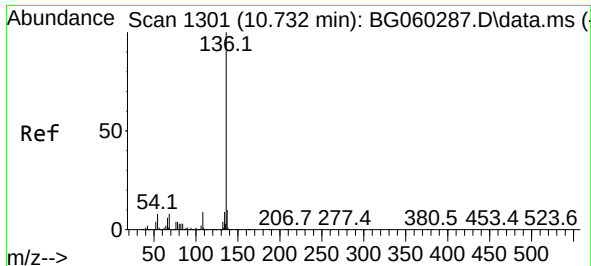
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#20  
3+4-Methylphenols  
Concen: 48.233 ng  
RT: 8.701 min Scan# 955  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion:107 Resp: 996287  
Ion Ratio Lower Upper  
107 100  
108 90.2 72.5 112.5  
77 33.3 13.0 53.0  
79 26.9 6.3 46.3





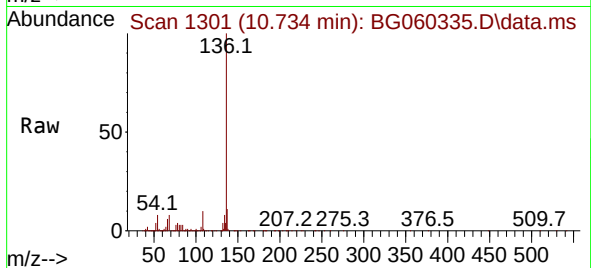
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.734 min Scan# 1301  
Delta R.T. 0.001 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

ClientSampleId :

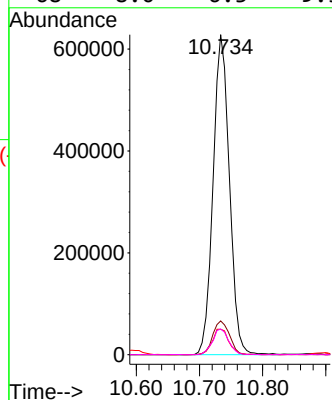
PB158460BS



Tgt Ion:136 Resp: 1125448  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.2 12.4  
54 8.0 6.2 9.2  
68 8.0 6.3 9.5

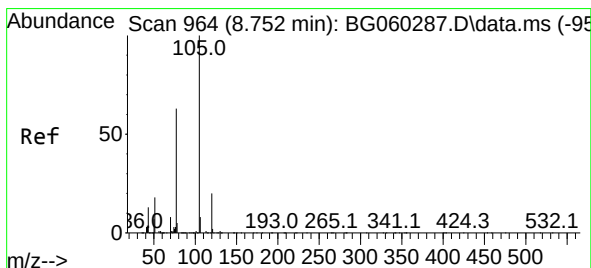
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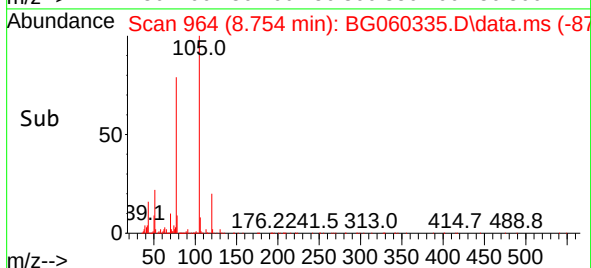
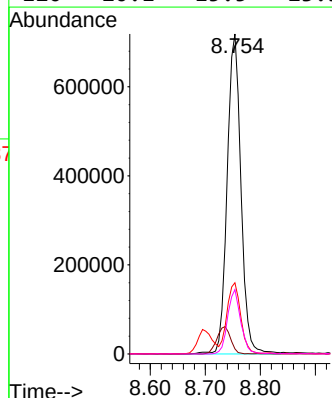
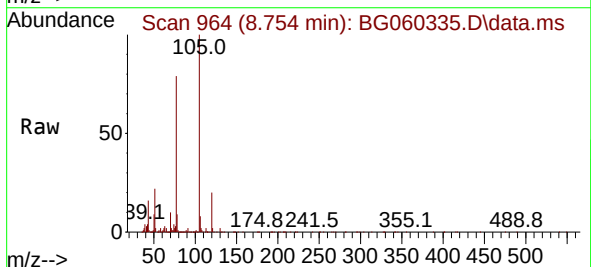
01/17/2024  
Supervised By :mohammad  
ahmed

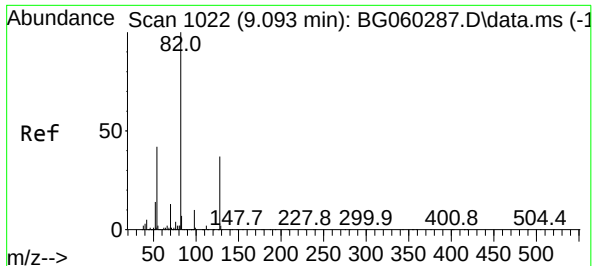
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#22  
Acetophenone  
Concen: 40.386 ng  
RT: 8.754 min Scan# 964  
Delta R.T. 0.001 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

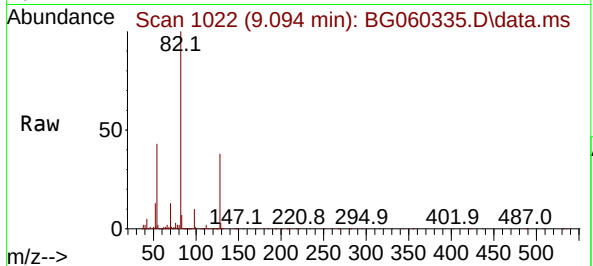
Tgt Ion:105 Resp: 1249415  
Ion Ratio Lower Upper  
105 100  
71 1.6 1.7 2.5#  
51 22.2 18.2 27.2  
120 20.1 15.5 23.3





#23  
Nitrobenzene-d5  
Concen: 75.963 ng  
RT: 9.094 min Scan# 1022  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

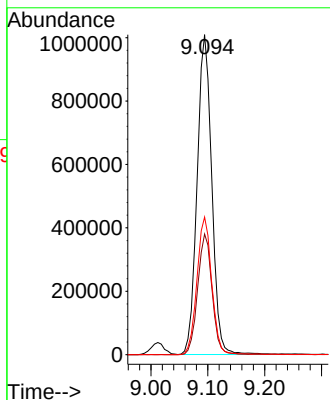
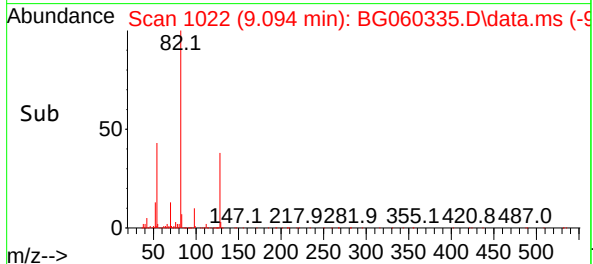
Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS



Tgt Ion: 82 Resp: 181050  
Ion Ratio Lower Upper  
82 100  
128 37.7 29.6 44.4  
54 43.0 33.6 50.4

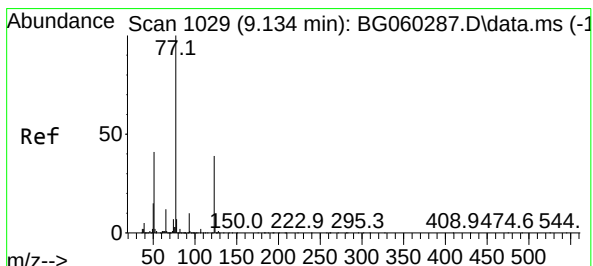
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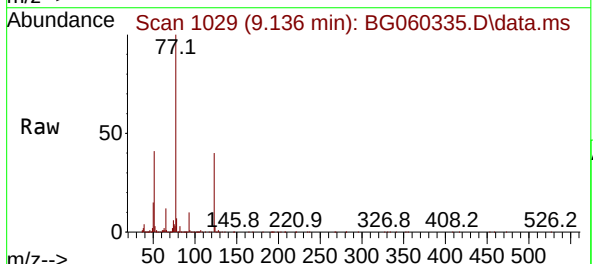


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Supervised By :mohammad  
ahmed

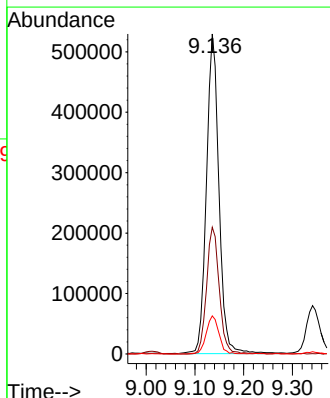
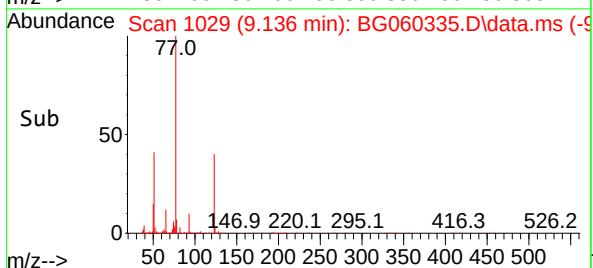
01/18/2024

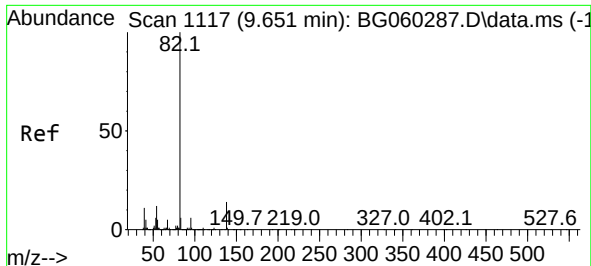


#24  
Nitrobenzene  
Concen: 37.909 ng  
RT: 9.136 min Scan# 1029  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11



Tgt Ion: 77 Resp: 936639  
Ion Ratio Lower Upper  
77 100  
123 39.6 31.4 47.0  
65 11.9 9.6 14.4





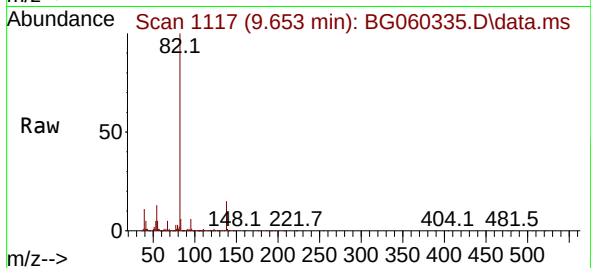
#25  
Isophorone  
Concen: 40.402 ng  
RT: 9.653 min Scan# 1117  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

ClientSampleId :

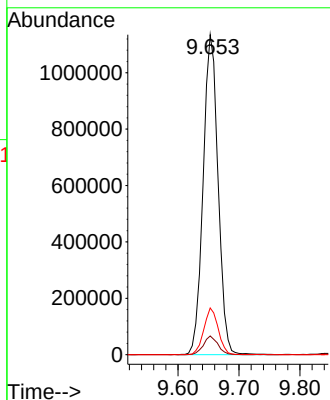
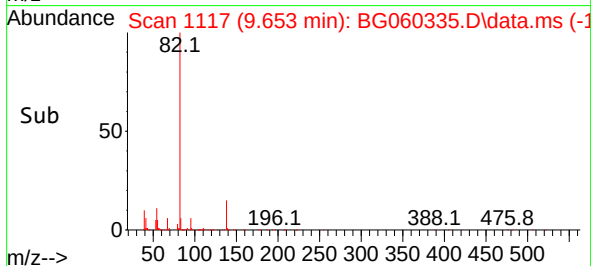
PB158460BS



Tgt Ion: 82 Resp: 193383  
Ion Ratio Lower Upper  
82 100  
95 5.9 4.7 7.1  
138 14.6 11.1 16.7

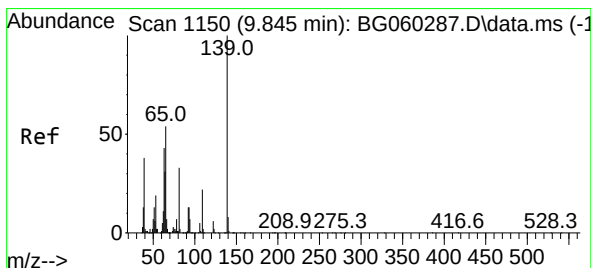
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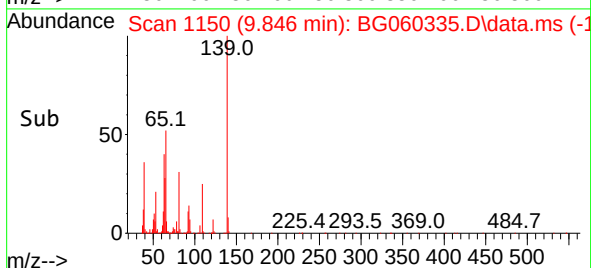
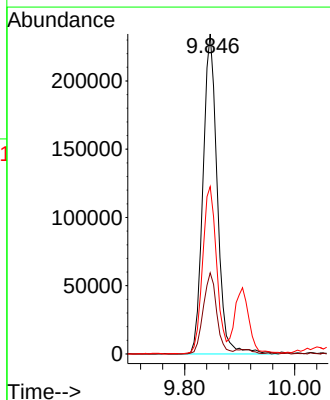
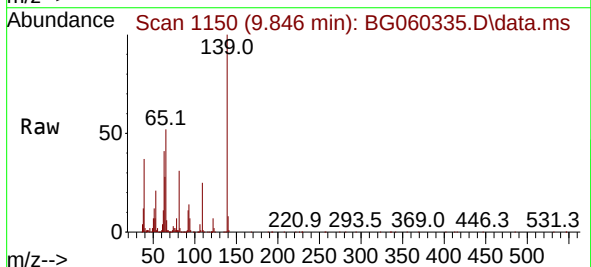
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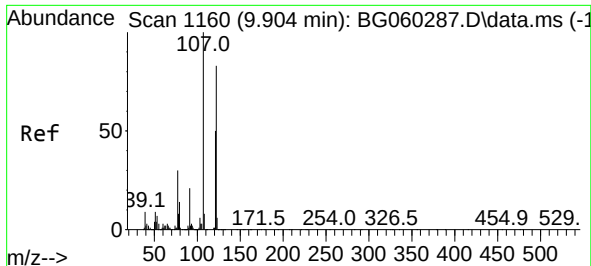


#26  
2-Nitrophenol  
Concen: 46.534 ng  
RT: 9.846 min Scan# 1150  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion:139 Resp: 422732  
Ion Ratio Lower Upper  
139 100  
109 25.3 17.6 26.4  
65 52.3 43.6 65.4







#27

2,4-Dimethylphenol

Concen: 67.220 ng

RT: 9.905 min Scan# 1160

Delta R.T. 0.002 min

Lab File: BG060335.D

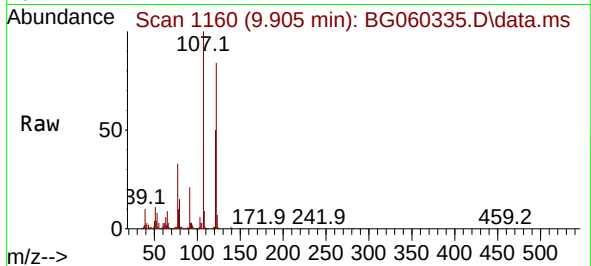
Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

ClientSampleId :

PB158460BS



Tgt Ion:122 Resp: 806894

Ion Ratio Lower Upper

122 100

107 118.5 95.4 143.0

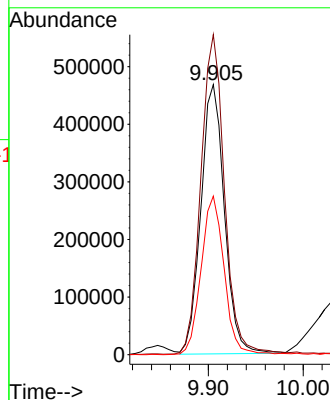
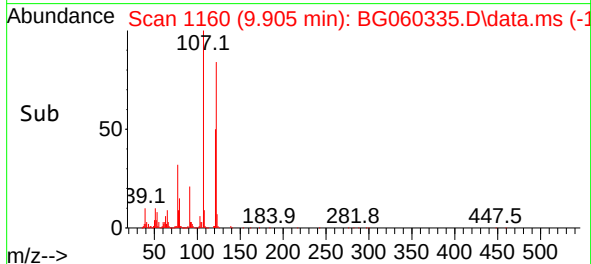
121 58.7 47.7 71.5

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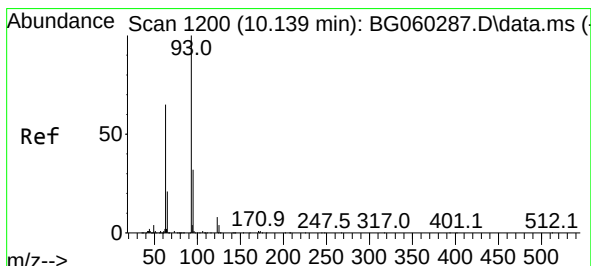
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#28

bis(2-Chloroethoxy)methane

Concen: 42.386 ng

RT: 10.140 min Scan# 1200

Delta R.T. 0.002 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

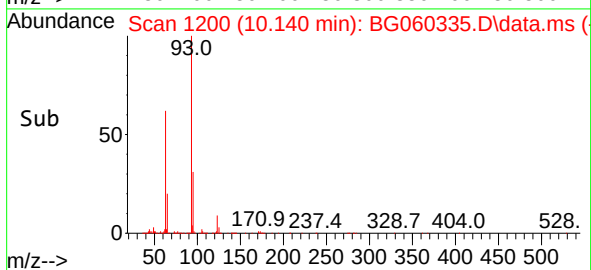
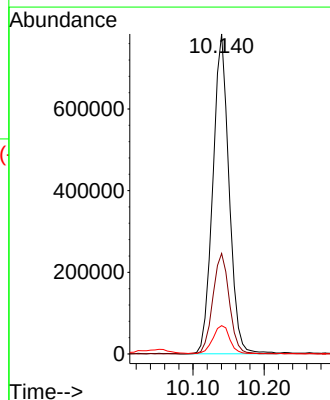
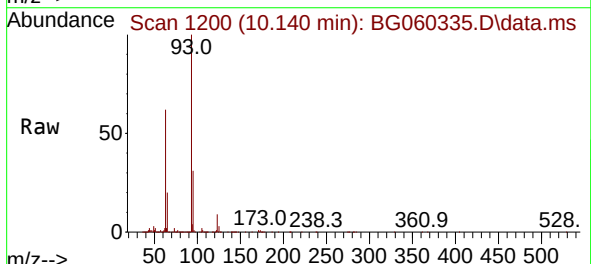
Tgt Ion: 93 Resp: 1239596

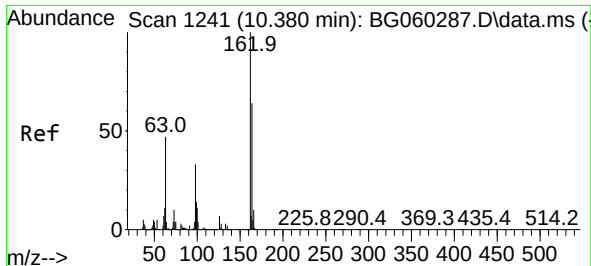
Ion Ratio Lower Upper

93 100

95 31.4 25.4 38.0

123 8.9 6.7 10.1





#29  
2,4-Dichlorophenol  
Concen: 48.719 ng  
RT: 10.381 min Scan# 1241  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

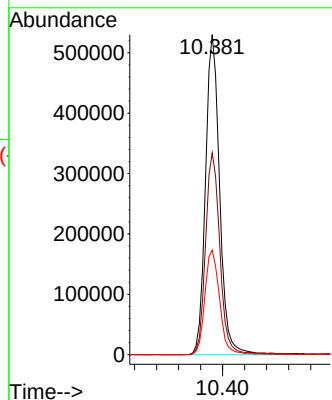
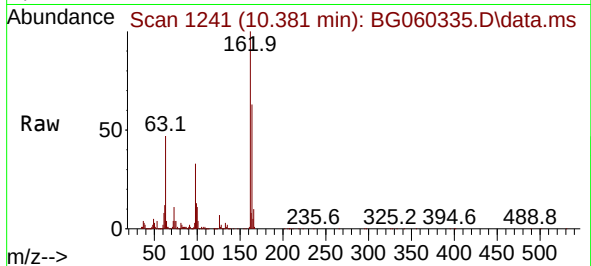
ClientSampleId :

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Tgt Ion:162 Resp: 94769  
Ion Ratio Lower Upper  
162 100  
164 63.1 44.3 84.3  
98 32.6 13.4 53.4

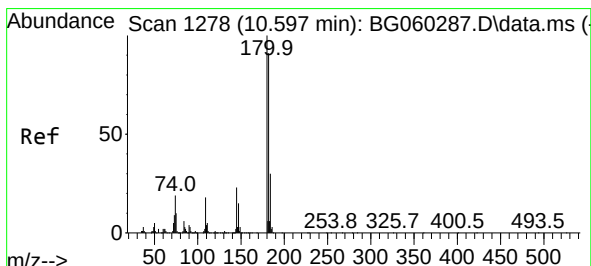
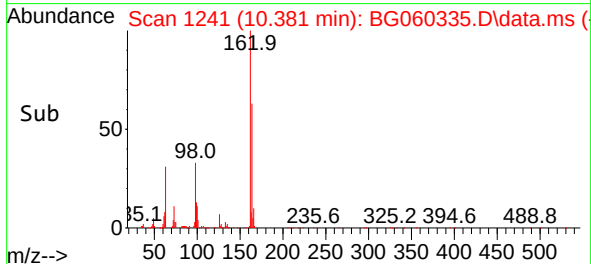
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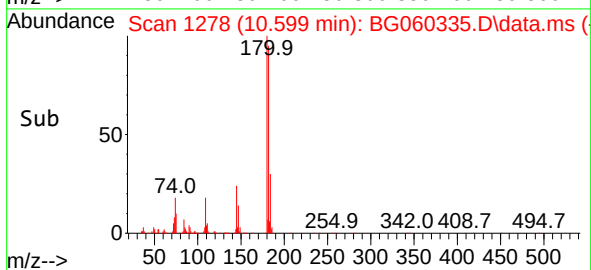
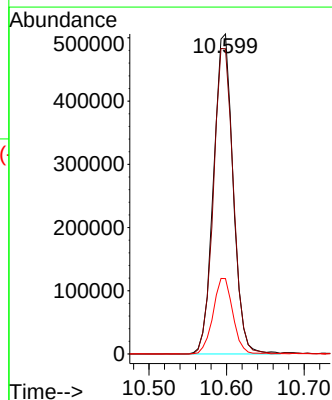
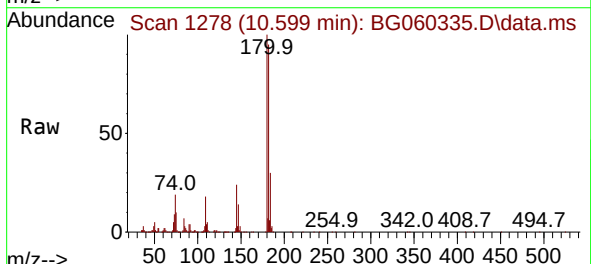
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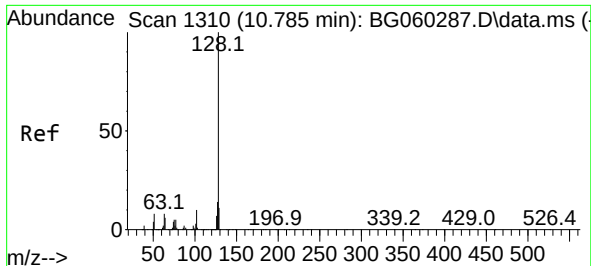
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#30  
1,2,4-Trichlorobenzene  
Concen: 36.662 ng  
RT: 10.599 min Scan# 1278  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion:180 Resp: 887238  
Ion Ratio Lower Upper  
180 100  
182 95.4 72.7 109.1  
145 23.5 18.2 27.2





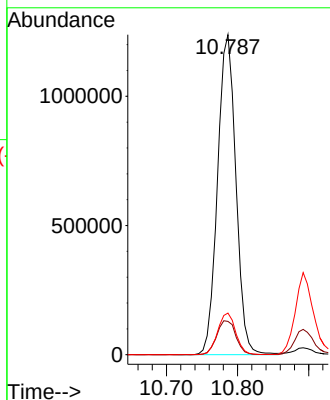
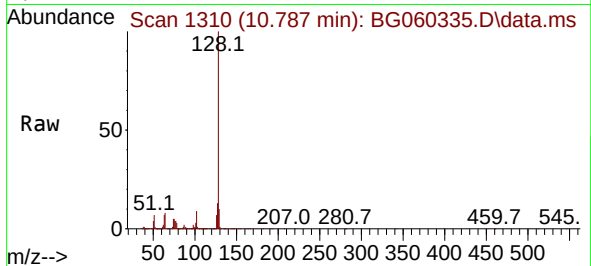
#31  
Naphthalene  
Concen: 37.522 ng  
RT: 10.787 min Scan# 1184  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS

Tgt Ion:128 Resp: 2213614  
Ion Ratio Lower Upper  
128 100  
129 10.4 8.9 13.3  
127 13.0 10.9 16.3

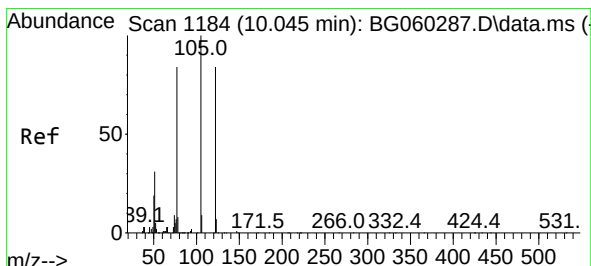
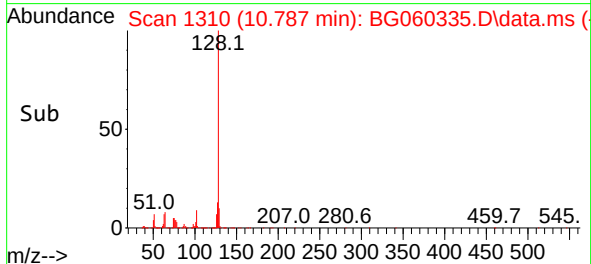
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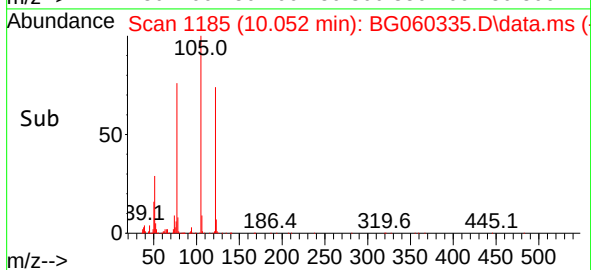
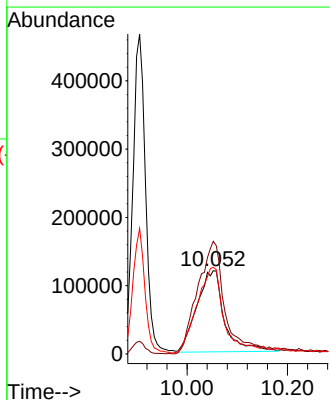
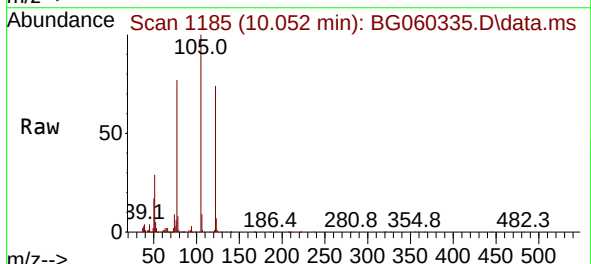
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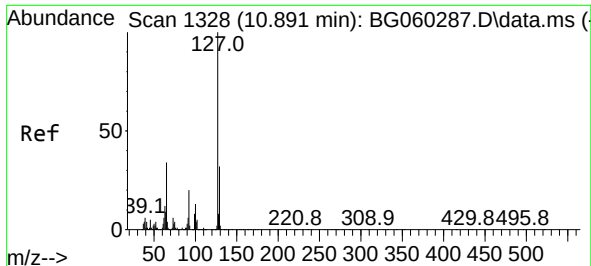
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#32  
Benzoic acid  
Concen: 43.775 ng  
RT: 10.052 min Scan# 1185  
Delta R.T. 0.007 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion:122 Resp: 451954  
Ion Ratio Lower Upper  
122 100  
105 135.5 96.0 136.0  
77 104.2 80.1 120.1





#33  
4-Chloroaniline  
Concen: 25.575 ng  
RT: 10.892 min Scan# 11  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

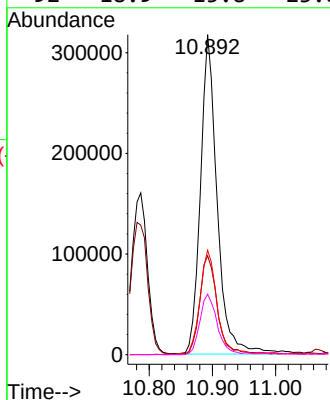
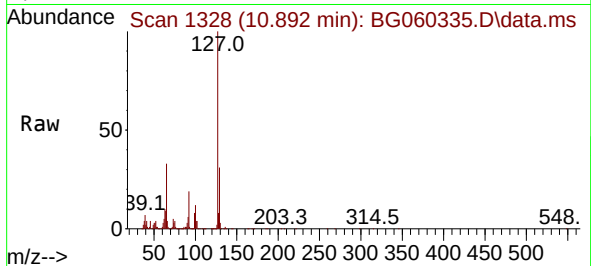
ClientSampleId :

PB158460BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 58134 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 30.9  | 25.5  | 38.3  |
| 65       | 32.6  | 27.5  | 41.3  |
| 92       | 18.9  | 15.8  | 23.8  |

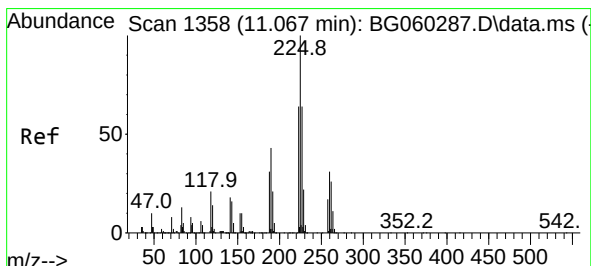
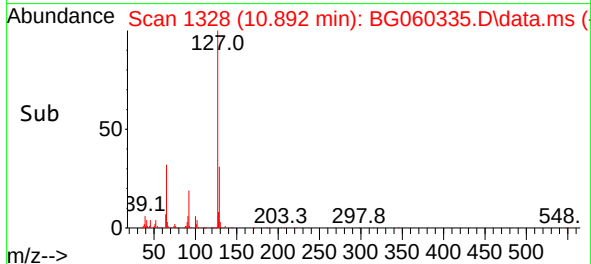
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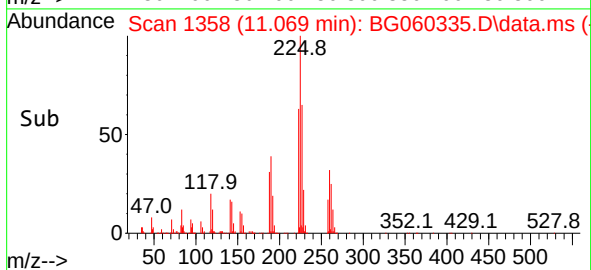
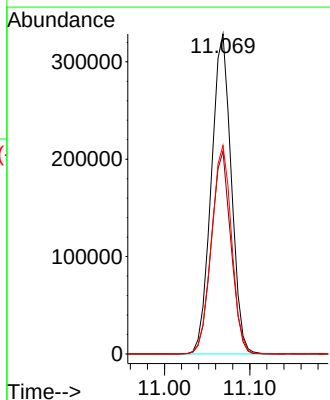
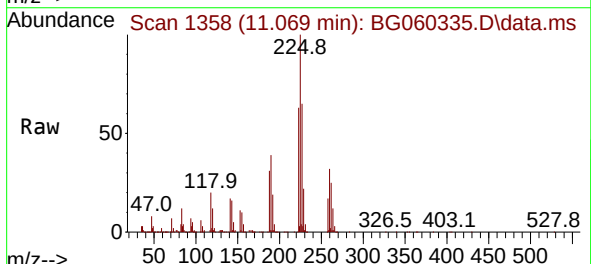
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Supervised By :mohammad  
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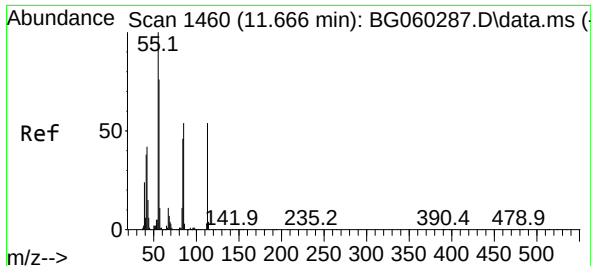
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#34  
Hexachlorobutadiene  
Concen: 33.918 ng  
RT: 11.069 min Scan# 1358  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

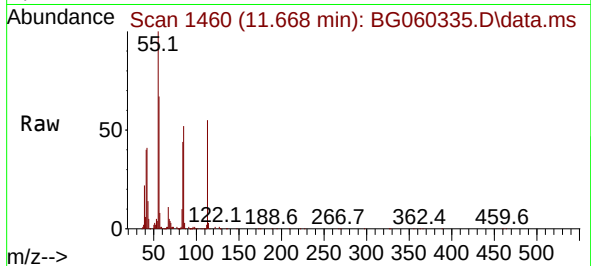
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 534719 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.3  | 48.7  | 73.1   |
| 227      | 65.2  | 48.7  | 73.1   |





#35  
Caprolactam  
Concen: 49.396 ng m  
RT: 11.668 min Scan# 1460  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

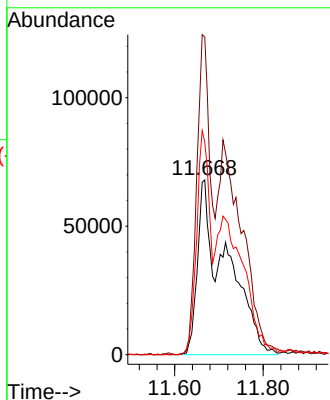
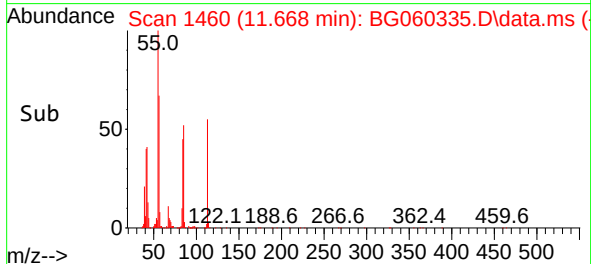
Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS



Tgt Ion:113 Resp: 309480  
Ion Ratio Lower Upper  
113 100  
55 181.7 166.4 206.4  
56 121.7 121.0 161.0

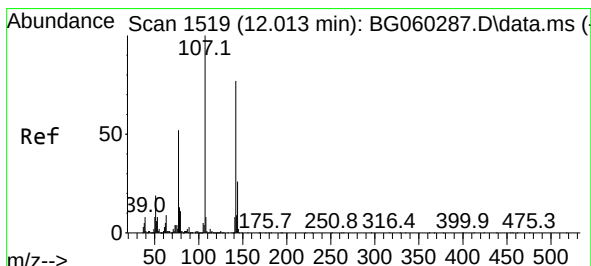
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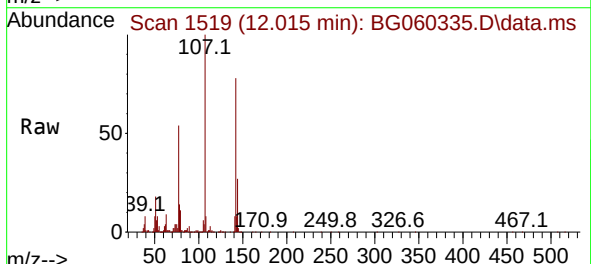


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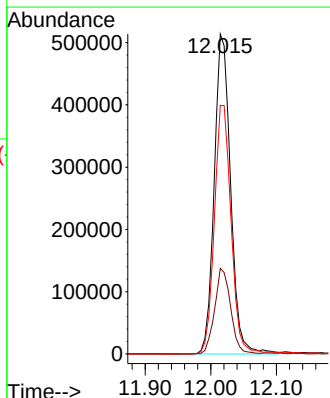
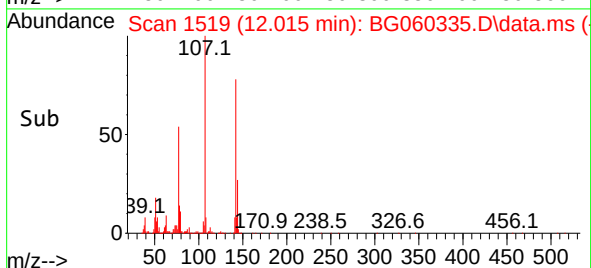
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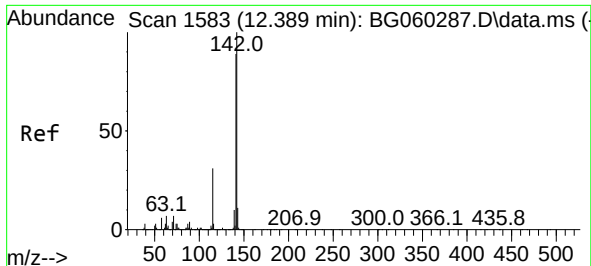


#36  
4-Chloro-3-methylphenol  
Concen: 45.067 ng  
RT: 12.015 min Scan# 1519  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11



Tgt Ion:107 Resp: 890595  
Ion Ratio Lower Upper  
107 100  
144 26.8 20.6 31.0  
142 77.7 61.5 92.3





#37  
2-Methylnaphthalene  
Concen: 38.405 ng  
RT: 12.391 min Scan# 1583  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

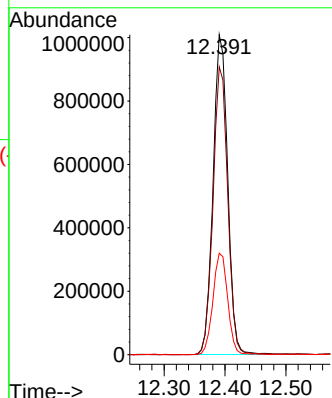
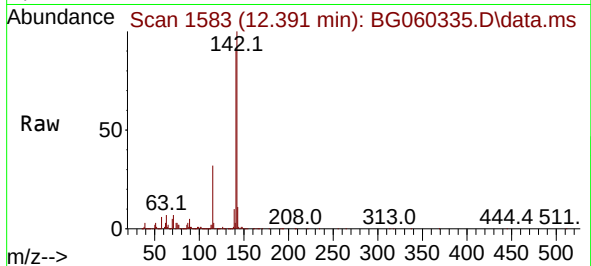
ClientSampleId :

PB158460BS

Tgt Ion:142 Resp: 168037  
Ion Ratio Lower Upper  
142 100  
141 89.9 71.0 106.4  
115 31.7 24.7 37.1

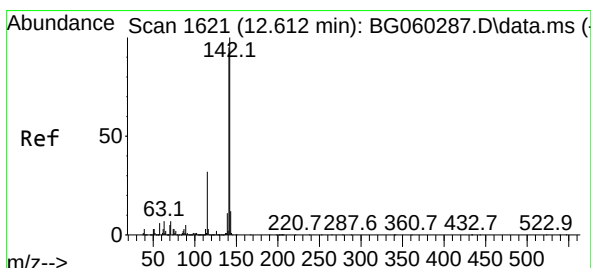
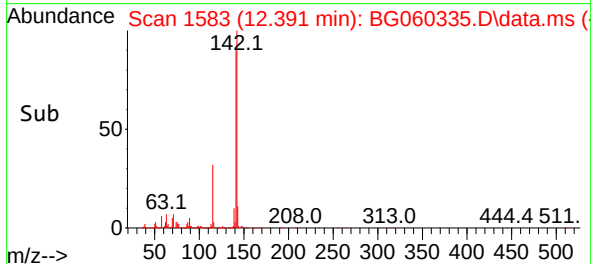
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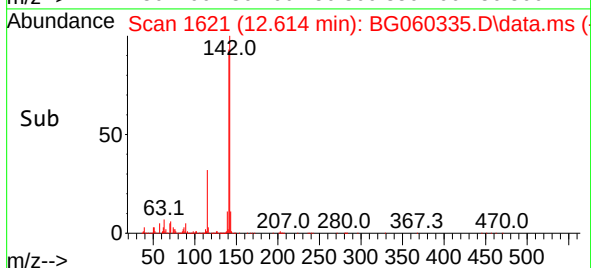
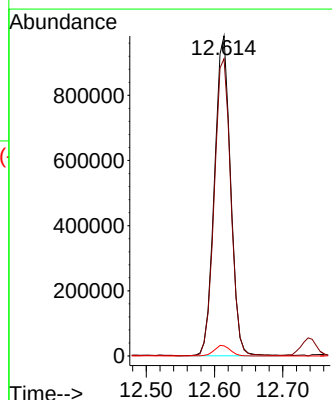
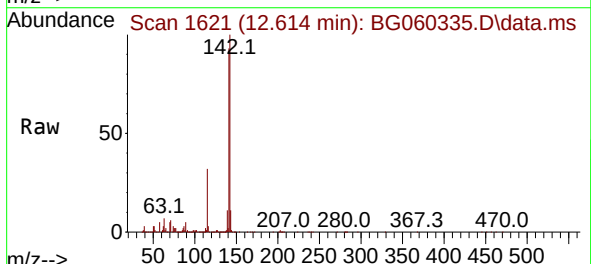
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Supervised By :mohammad  
ahmed

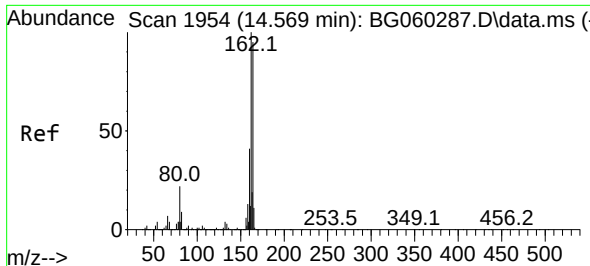
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#38  
1-Methylnaphthalene  
Concen: 36.660 ng  
RT: 12.614 min Scan# 1621  
Delta R.T. 0.001 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion:142 Resp: 1610699  
Ion Ratio Lower Upper  
142 100  
141 92.9 76.2 114.2  
116 3.2 2.6 3.8





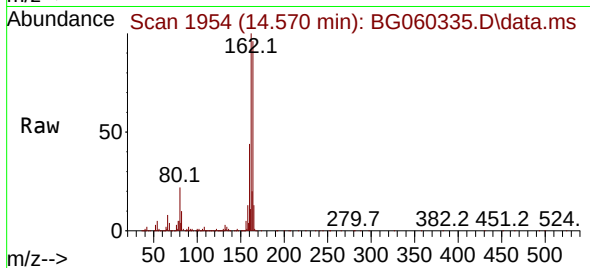
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.570 min Scan# 1954  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

ClientSampleId :

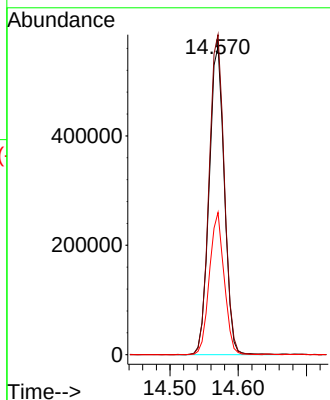
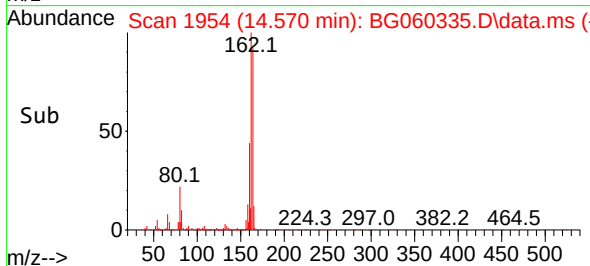
PB158460BS



Tgt Ion:164 Resp: 873684  
Ion Ratio Lower Upper  
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162 103.9 84.4 126.6  
160 46.2 34.6 52.0

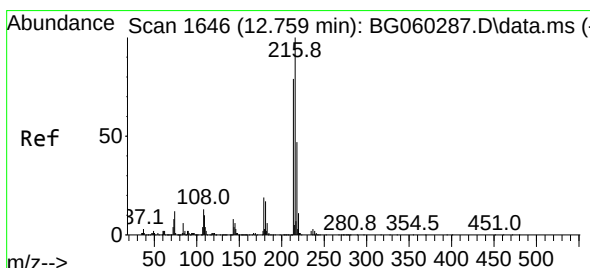
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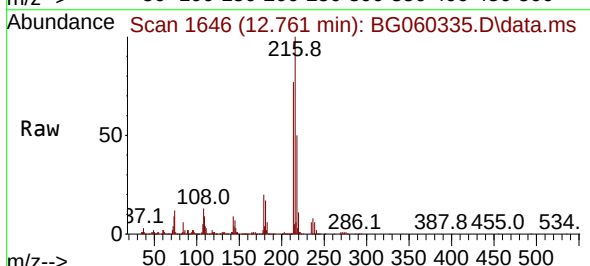


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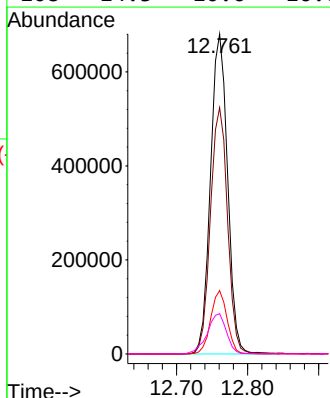
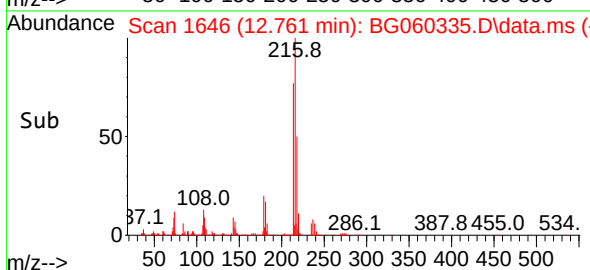
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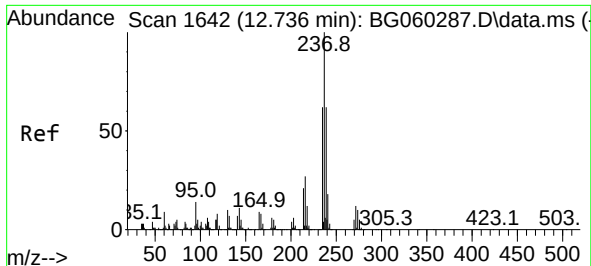


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 36.556 ng  
RT: 12.761 min Scan# 1646  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11



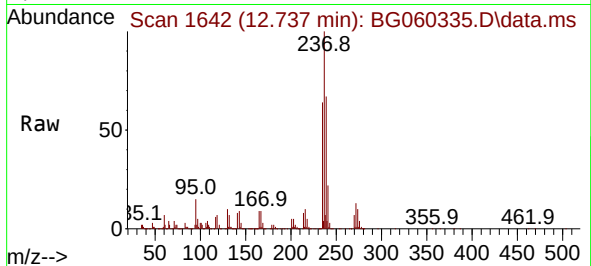
Tgt Ion:216 Resp: 1134295  
Ion Ratio Lower Upper  
216 100  
214 77.1 62.6 93.8  
179 19.1 14.8 22.2  
108 14.3 10.6 16.0





#41  
Hexachlorocyclopentadiene  
Concen: 101.926 ng  
RT: 12.737 min Scan# 10  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

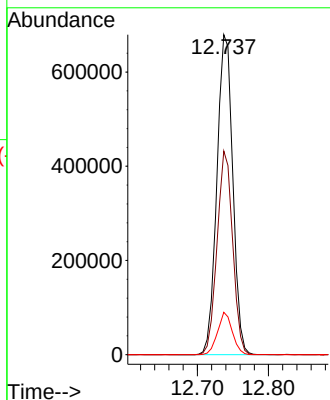
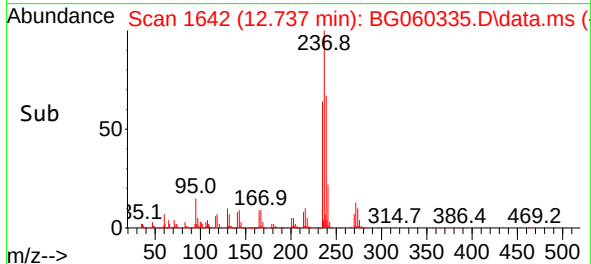
Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS



Tgt Ion:237 Resp: 1050028  
Ion Ratio Lower Upper  
237 100  
235 63.6 41.6 81.6  
272 13.3 0.0 31.8

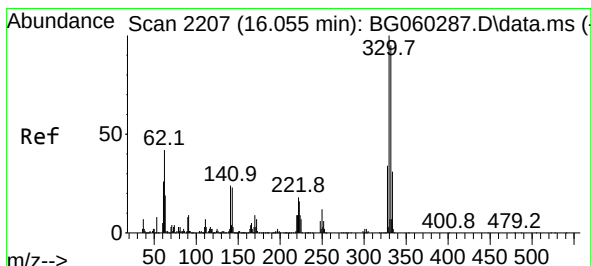
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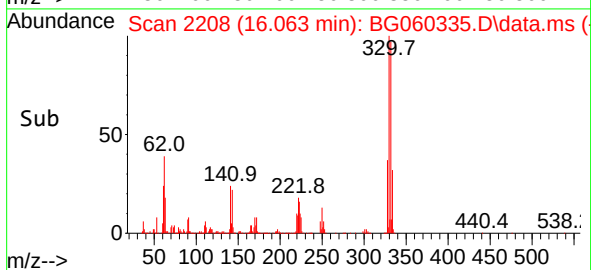
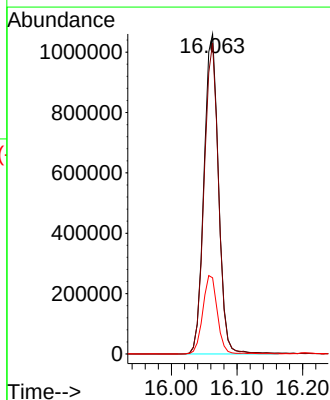
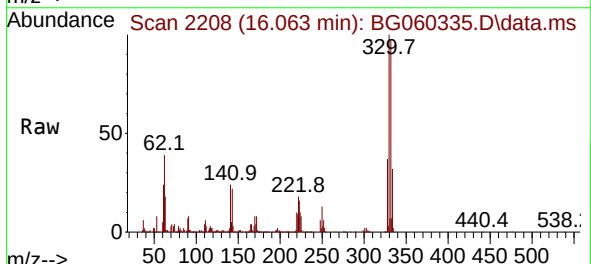
01/17/2024  
Supervised By :mohammad  
ahmed

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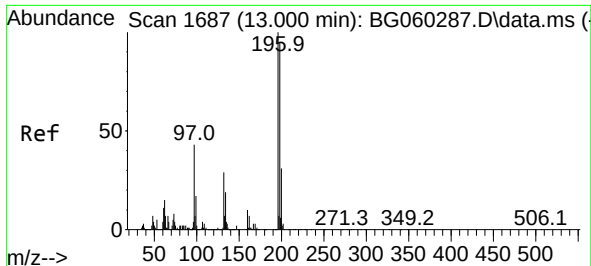


#42  
2,4,6-Tribromophenol  
Concen: 127.086 ng  
RT: 16.063 min Scan# 2208  
Delta R.T. 0.007 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion:330 Resp: 1633621  
Ion Ratio Lower Upper  
330 100  
332 96.6 76.7 115.1  
141 24.7 18.6 28.0







#43  
2,4,6-Trichlorophenol  
Concen: 41.059 ng  
RT: 13.002 min Scan# 1700  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Instrument :

BNL\_G

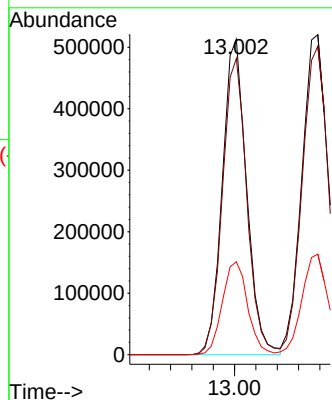
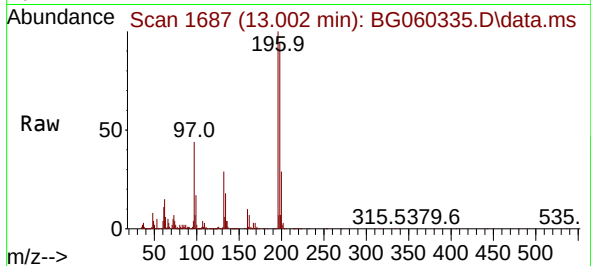
ClientSampleId :

PB158460BS

Tgt Ion:196 Resp: 810778  
Ion Ratio Lower Upper  
196 100  
198 93.9 75.7 113.5  
200 29.5 24.7 37.1

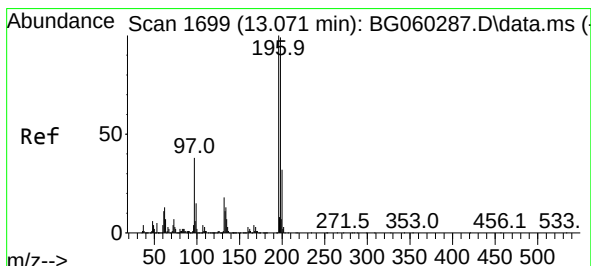
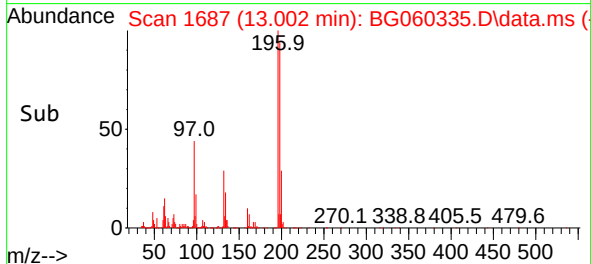
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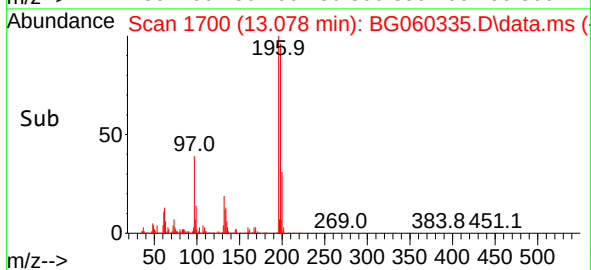
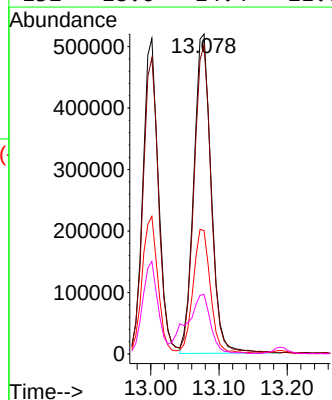
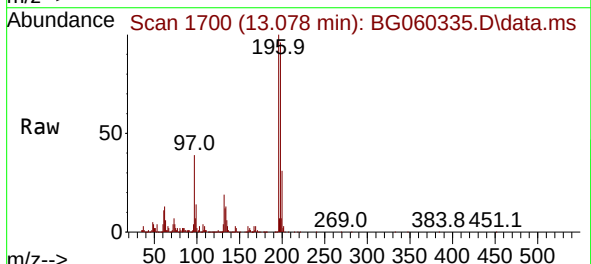
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Supervised By :mohammad  
ahmed

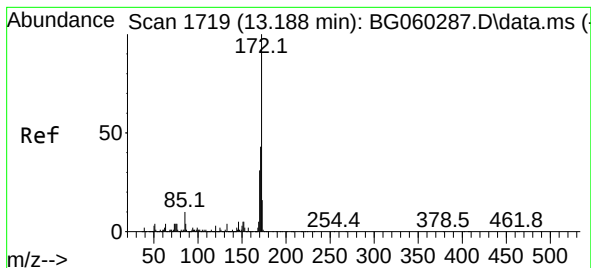
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#44  
2,4,5-Trichlorophenol  
Concen: 42.238 ng  
RT: 13.078 min Scan# 1700  
Delta R.T. 0.007 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion:196 Resp: 919950  
Ion Ratio Lower Upper  
196 100  
198 96.4 78.6 118.0  
97 38.5 30.6 46.0  
132 18.6 14.4 21.6





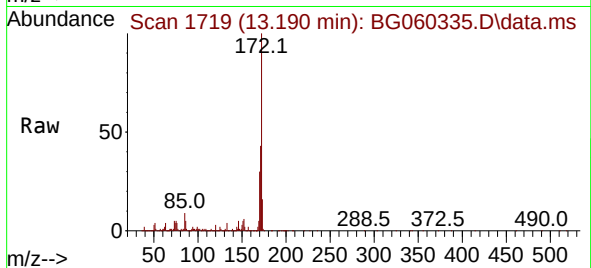
#45  
2-Fluorobiphenyl  
Concen: 66.993 ng  
RT: 13.190 min Scan# 1719  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

ClientSampleId :

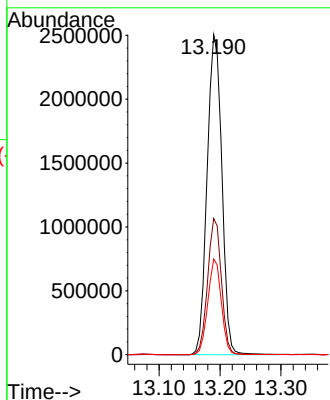
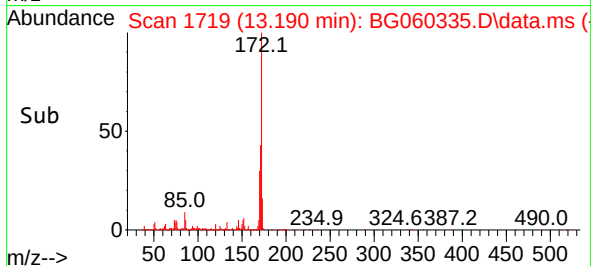
PB158460BS



Tgt Ion:172 Resp: 420986  
Ion Ratio Lower Upper  
172 100  
171 42.6 34.6 51.8  
170 29.9 24.4 36.6

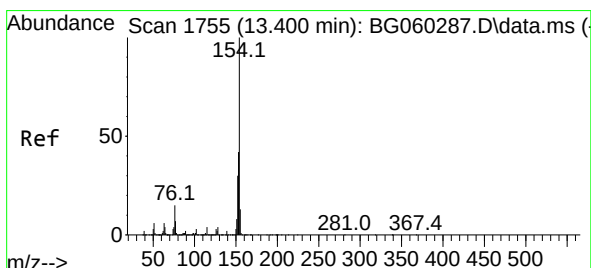
Manual Integrations  
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Upadhyay

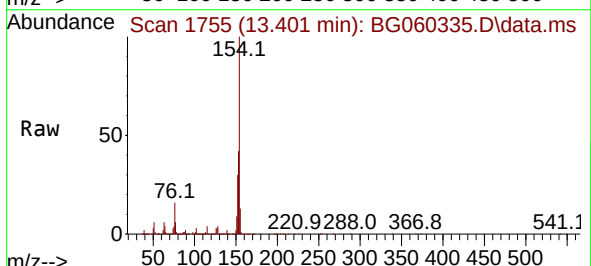


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Supervised By :mohammad  
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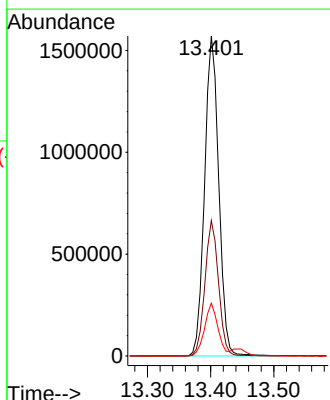
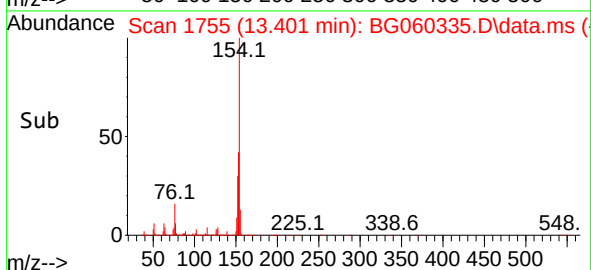
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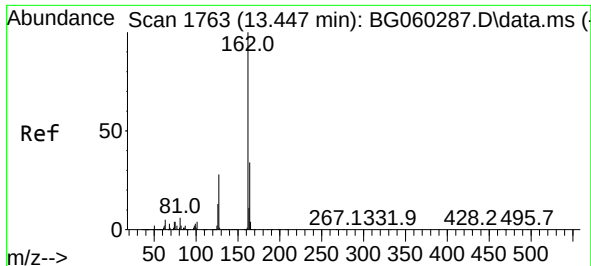


#46  
1,1'-Biphenyl  
Concen: 37.101 ng  
RT: 13.401 min Scan# 1755  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11



Tgt Ion:154 Resp: 2446796  
Ion Ratio Lower Upper  
154 100  
153 42.3 22.0 62.0  
76 16.5 0.0 35.2





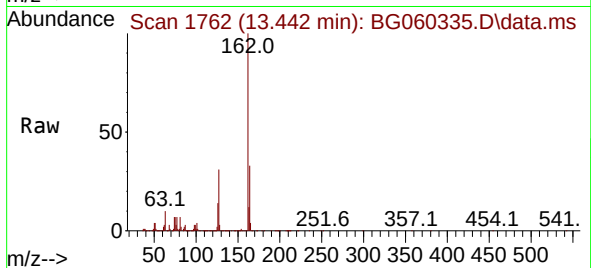
#47  
2-Chloronaphthalene  
Concen: 36.076 ng  
RT: 13.442 min Scan# 1762  
Delta R.T. -0.004 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

ClientSampleId :

PB158460BS

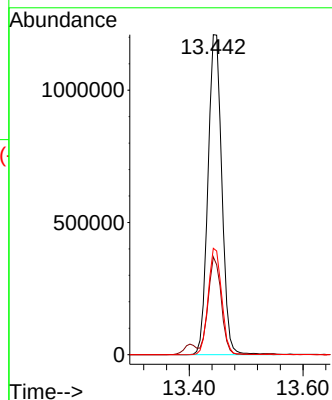
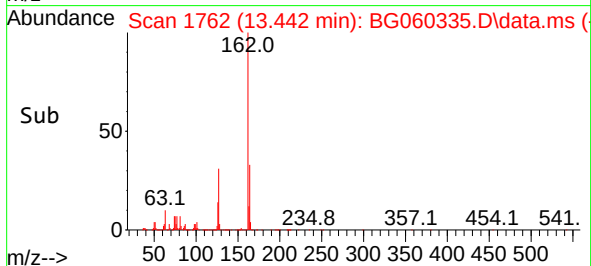


Tgt Ion:162 Resp: 2038190  
Ion Ratio Lower Upper  
162 100  
127 30.5 23.5 35.3  
164 33.3 26.9 40.3

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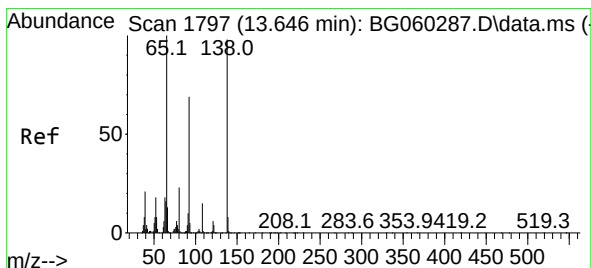
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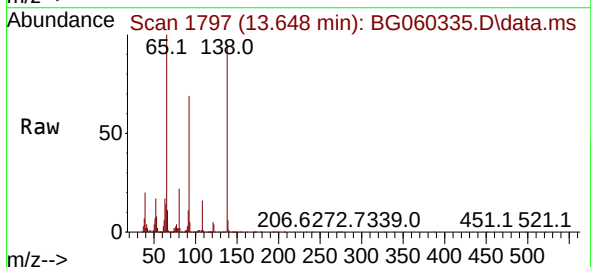


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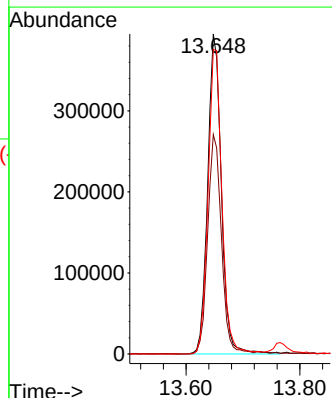
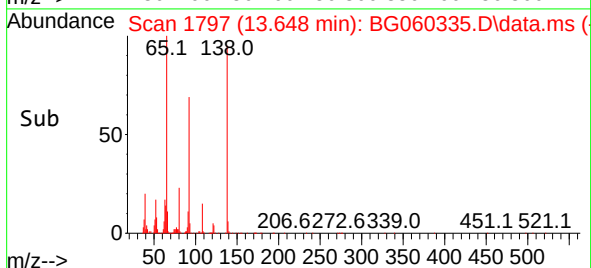
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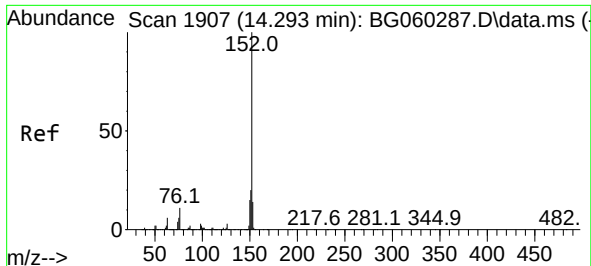


#48  
2-Nitroaniline  
Concen: 46.643 ng  
RT: 13.648 min Scan# 1797  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11



Tgt Ion: 65 Resp: 656267  
Ion Ratio Lower Upper  
65 100  
92 68.6 55.0 82.6  
138 95.2 78.1 117.1





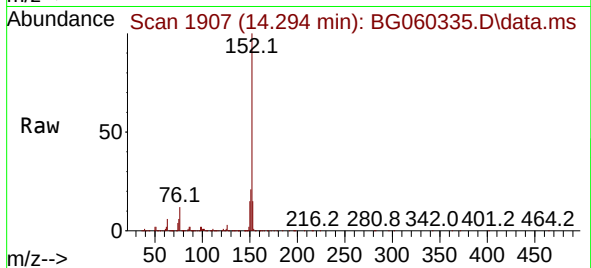
#49  
Acenaphthylene  
Concen: 40.128 ng  
RT: 14.294 min Scan# 1907  
Delta R.T. 0.001 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

ClientSampleId :

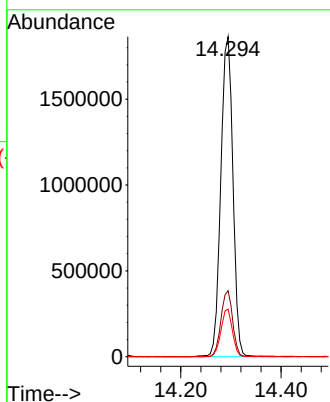
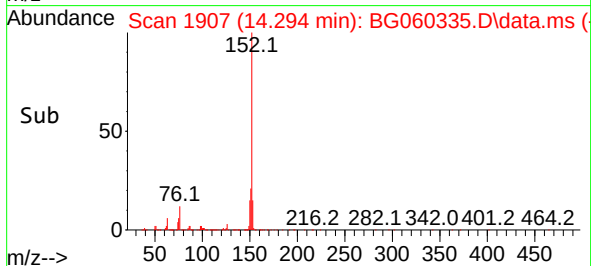
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Tgt Ion:152 Resp: 312197  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.1 24.1  
153 14.8 11.5 17.3

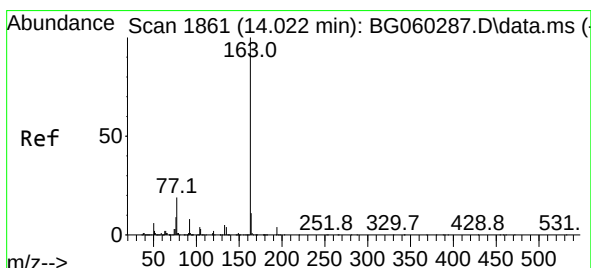
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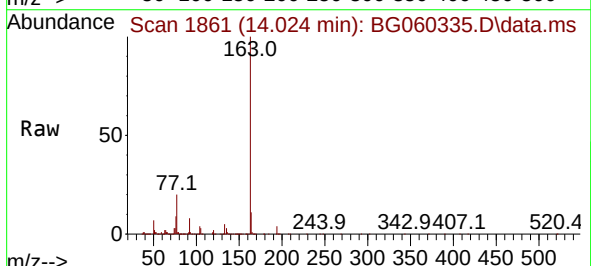


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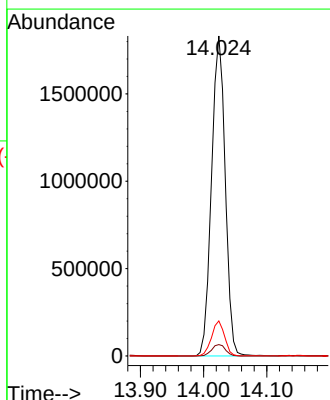
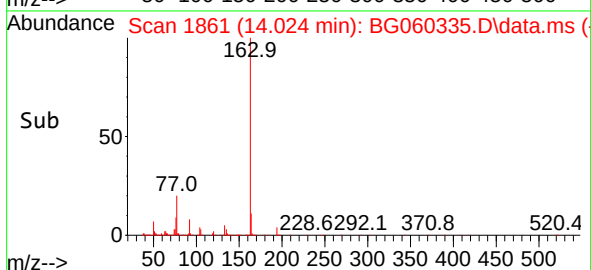
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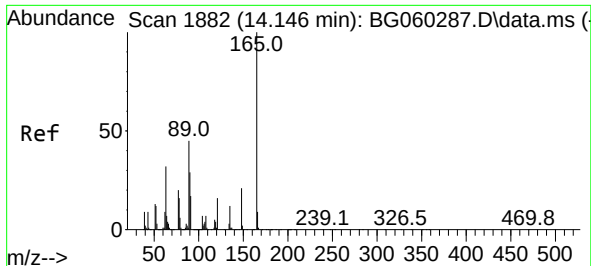


#50  
Dimethylphthalate  
Concen: 41.244 ng  
RT: 14.024 min Scan# 1861  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11



Tgt Ion:163 Resp: 2753659  
Ion Ratio Lower Upper  
163 100  
194 3.6 3.0 4.4  
164 10.9 8.8 13.2





#51  
2,6-Dinitrotoluene  
Concen: 43.170 ng  
RT: 14.141 min Scan# 1882  
Delta R.T. -0.005 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

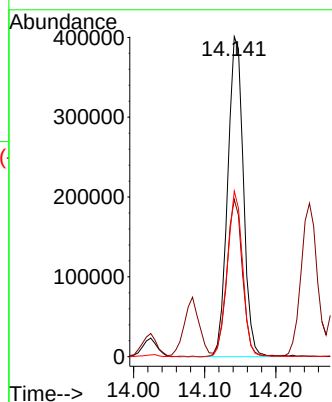
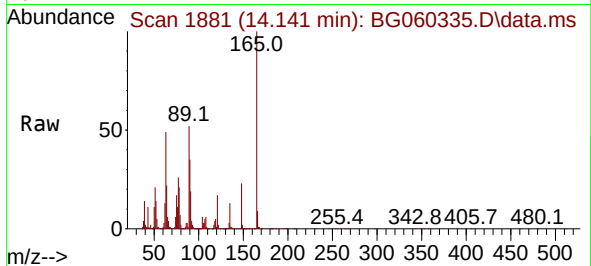
ClientSampleId :

PB158460BS

Tgt Ion:165 Resp: 61502  
Ion Ratio Lower Upper  
165 100  
63 49.1 35.0 52.4  
89 51.8 36.2 54.2

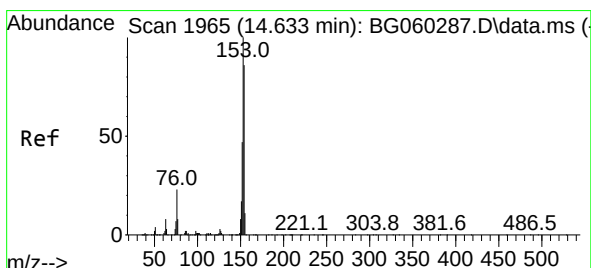
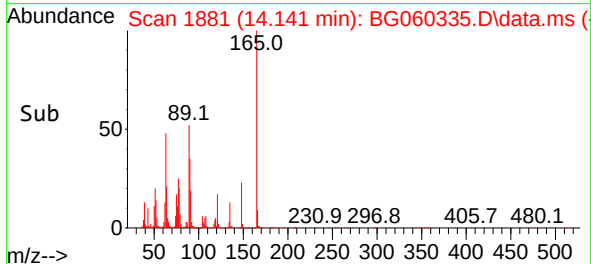
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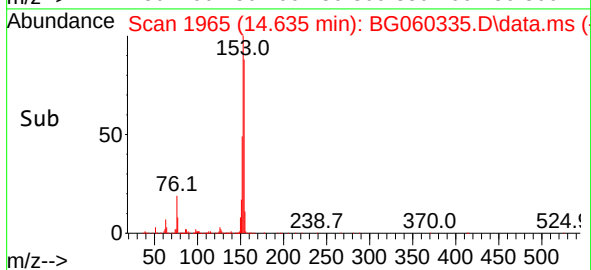
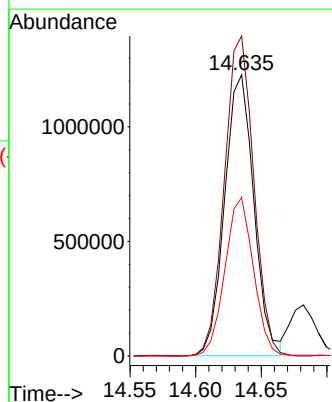
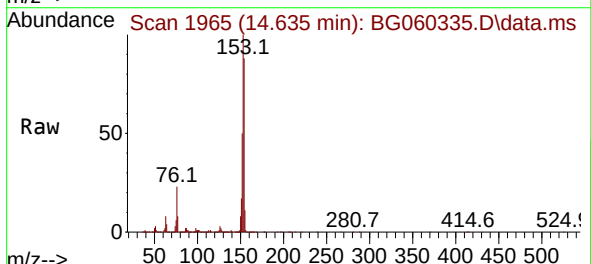
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Supervised By :mohammad  
ahmed

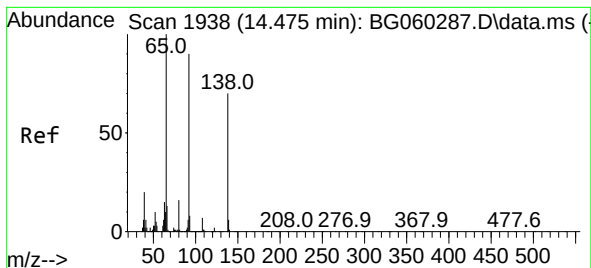
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#52  
Acenaphthene  
Concen: 39.309 ng  
RT: 14.635 min Scan# 1965  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

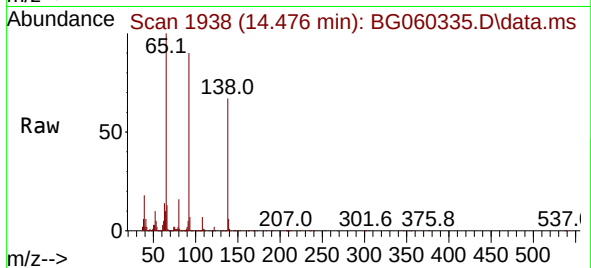
Tgt Ion:154 Resp: 1904326  
Ion Ratio Lower Upper  
154 100  
153 113.8 92.6 138.8  
152 56.4 43.8 65.8





#53  
3-Nitroaniline  
Concen: 34.794 ng  
RT: 14.476 min Scan# 1938  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

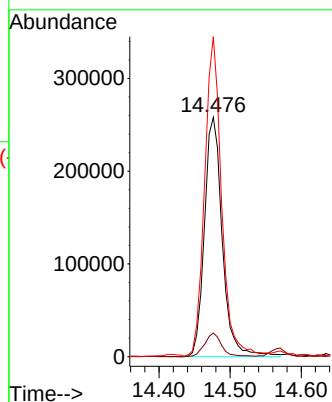
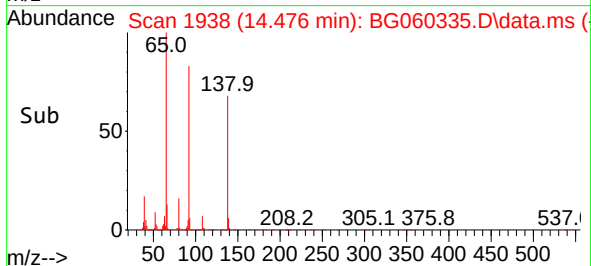
Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS



Tgt Ion:138 Resp: 451678  
Ion Ratio Lower Upper  
138 100  
108 9.9 7.8 11.8  
92 133.7 102.4 153.6

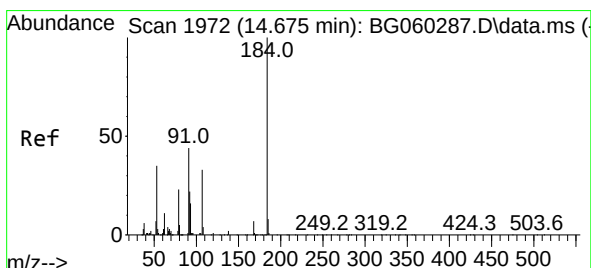
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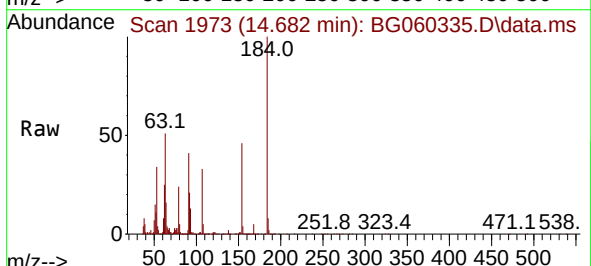


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Supervised By :mohammad  
ahmed

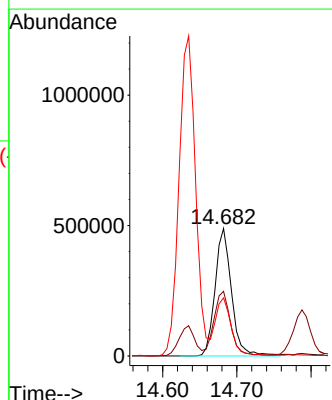
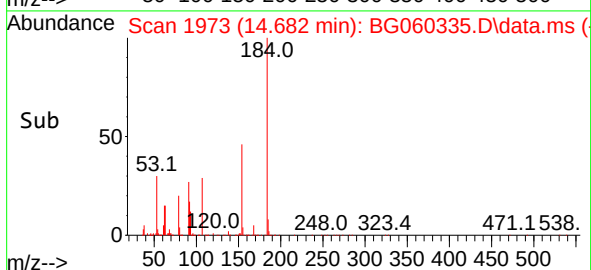
01/18/2024

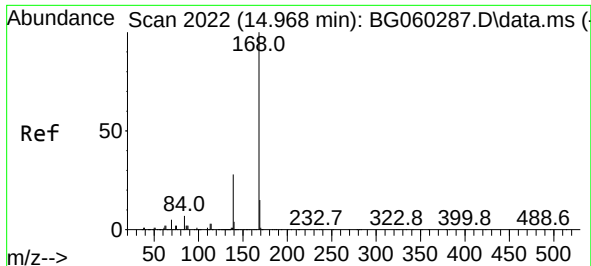


#54  
2,4-Dinitrophenol  
Concen: 86.507 ng  
RT: 14.682 min Scan# 1973  
Delta R.T. 0.007 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11



Tgt Ion:184 Resp: 753991  
Ion Ratio Lower Upper  
184 100  
63 50.8 41.0 61.4  
154 45.5 39.2 58.8





#55  
Dibenzenofuran  
Concen: 39.864 ng  
RT: 14.970 min Scan# 20  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

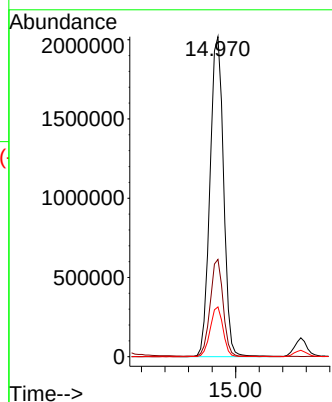
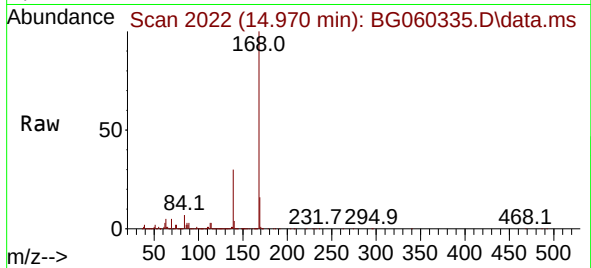
ClientSampleId :

PB158460BS

Tgt Ion:168 Resp: 322386  
Ion Ratio Lower Upper  
168 100  
139 30.4 22.6 34.0  
169 15.5 12.1 18.1

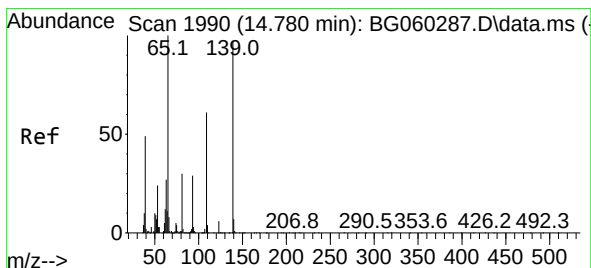
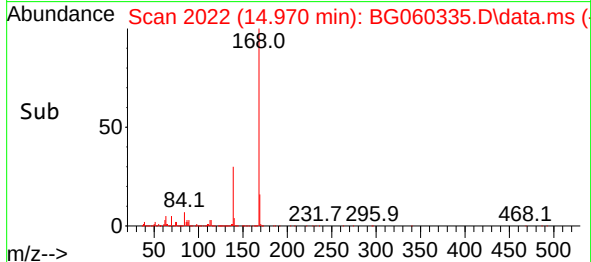
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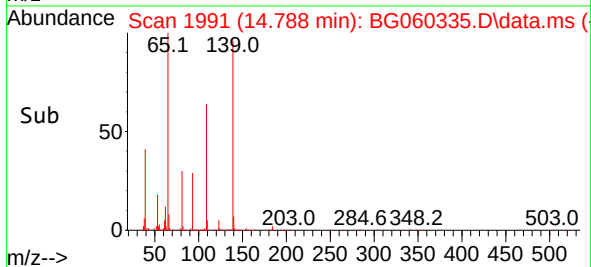
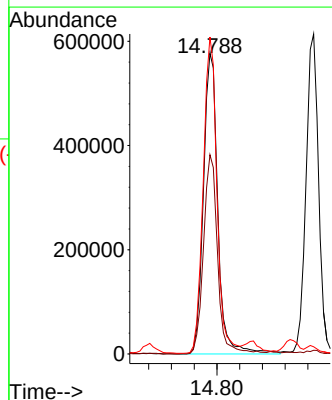
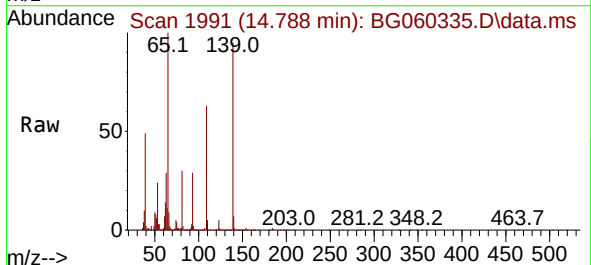
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ahmed

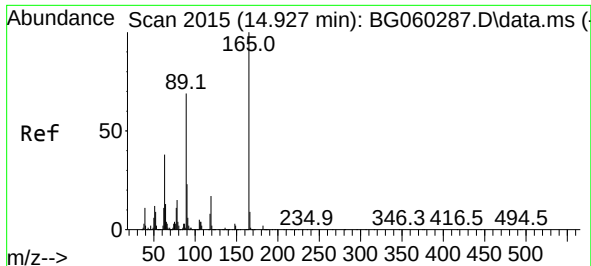
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#56  
4-Nitrophenol  
Concen: 105.149 ng  
RT: 14.788 min Scan# 1991  
Delta R.T. 0.007 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion:139 Resp: 1012449  
Ion Ratio Lower Upper  
139 100  
109 66.3 42.2 82.2  
65 105.4 83.3 123.3





#57  
2,4-Dinitrotoluene  
Concen: 45.811 ng  
RT: 14.935 min Scan# 2015  
Delta R.T. 0.007 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

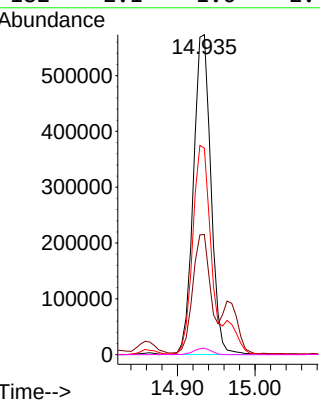
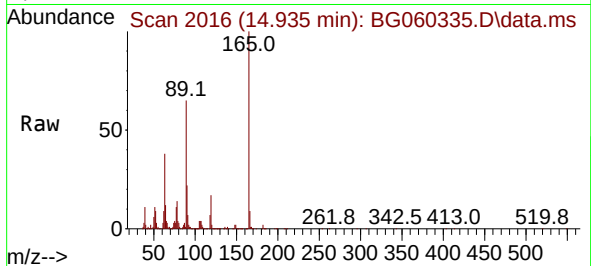
ClientSampleId :

PB158460BS

Tgt Ion:165 Resp: 894960  
Ion Ratio Lower Upper  
165 100  
63 37.5 30.4 45.6  
89 64.6 55.4 83.0  
182 2.1 1.6 2.4

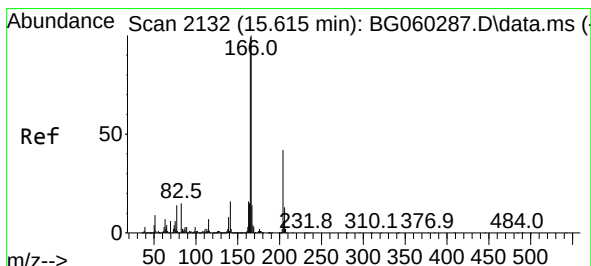
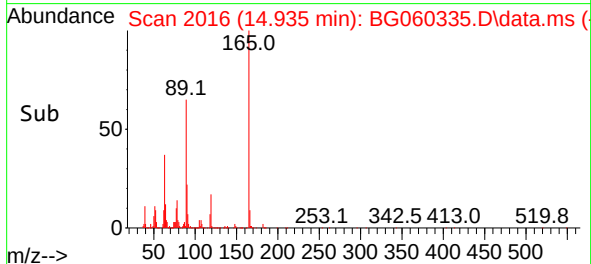
Manual Integrations  
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Reviewed By :Jagrut  
Upadhyay



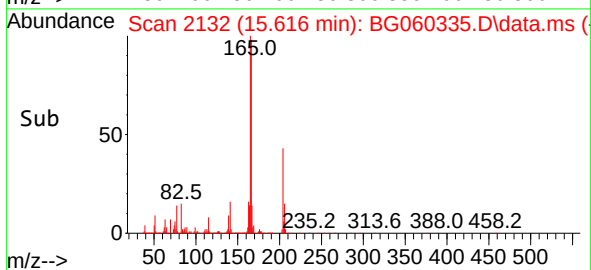
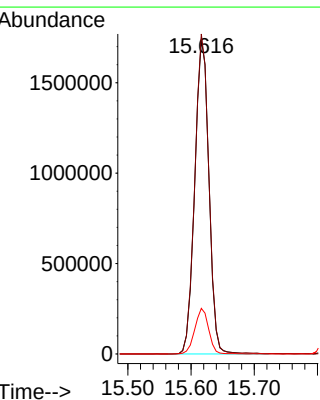
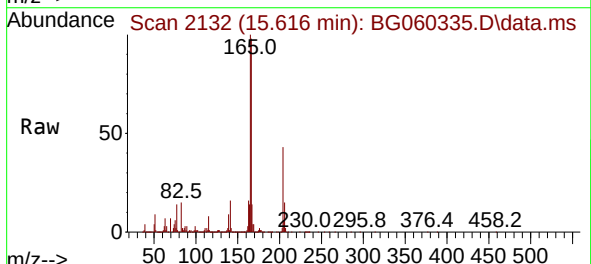
01/17/2024  
Supervised By :mohammad  
ahmed

01/18/2024

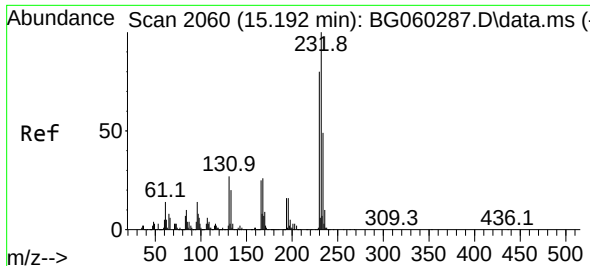


#58  
Fluorene  
Concen: 40.423 ng  
RT: 15.616 min Scan# 2132  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion:166 Resp: 2707190  
Ion Ratio Lower Upper  
166 100  
165 101.8 79.0 118.6  
167 14.5 11.4 17.0







#59  
2,3,4,6-Tetrachlorophenol  
Concen: 48.131 ng  
RT: 15.193 min Scan# 2060  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

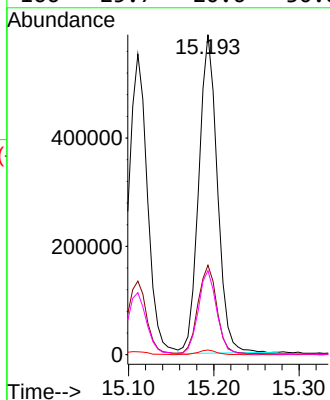
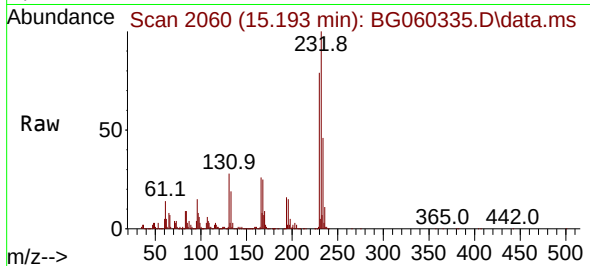
ClientSampleId :

PB158460BS

Tgt Ion:232 Resp: 890189  
Ion Ratio Lower Upper  
232 100  
131 28.4 22.7 34.1  
130 1.5 1.1 1.7  
166 25.7 20.6 30.8

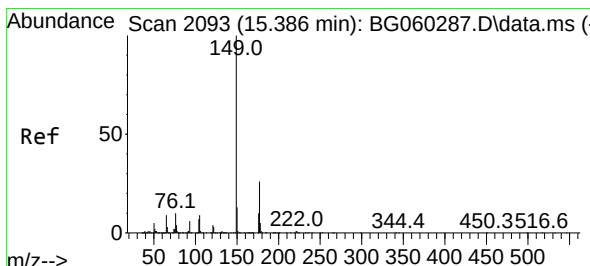
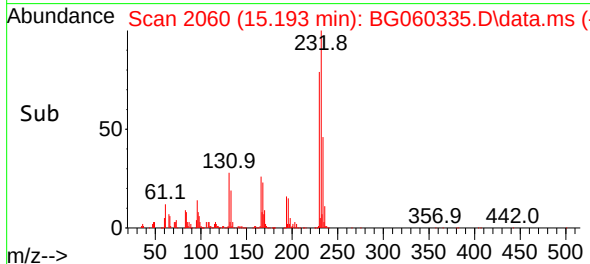
Manual Integrations  
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Upadhyay



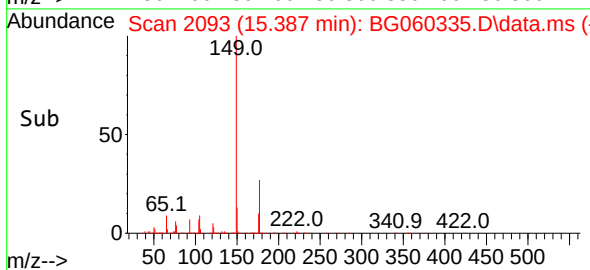
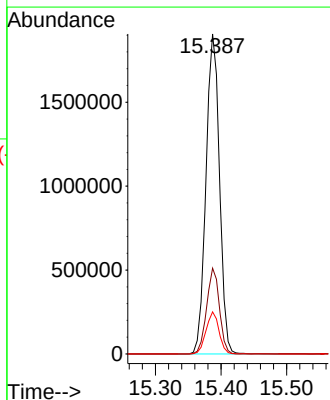
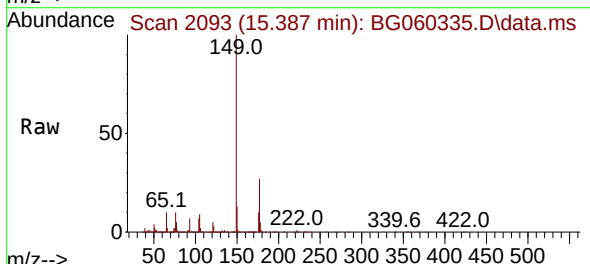
01/17/2024  
Supervised By :mohammad  
ahmed

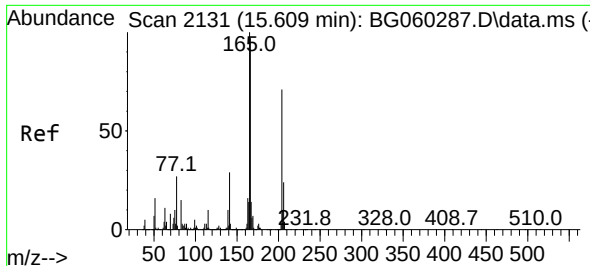
01/18/2024



#60  
Diethylphthalate  
Concen: 42.630 ng  
RT: 15.387 min Scan# 2093  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion:149 Resp: 2732426  
Ion Ratio Lower Upper  
149 100  
177 26.8 20.9 31.3  
150 13.2 10.2 15.2





#61  
4-Chlorophenyl-phenylether  
Concen: 40.182 ng  
RT: 15.610 min Scan# 2131  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

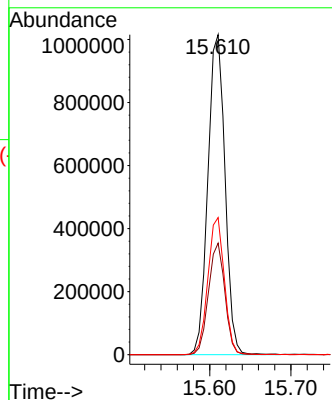
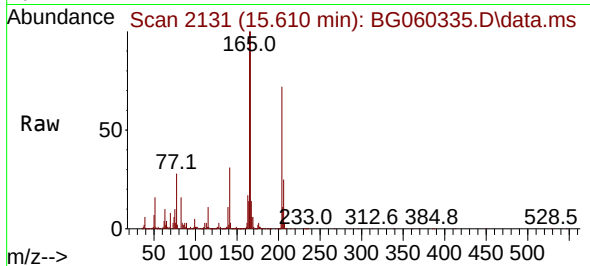
ClientSampleId :

PB158460BS

Tgt Ion:204 Resp: 148241  
Ion Ratio Lower Upper  
204 100  
206 34.8 27.1 40.7  
141 42.9 32.2 48.2

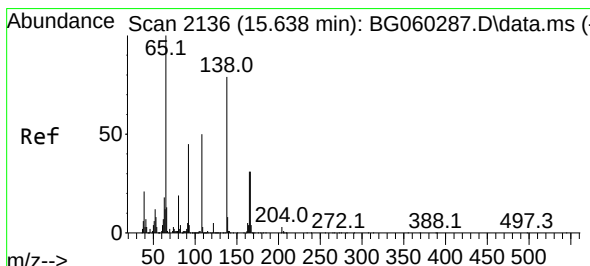
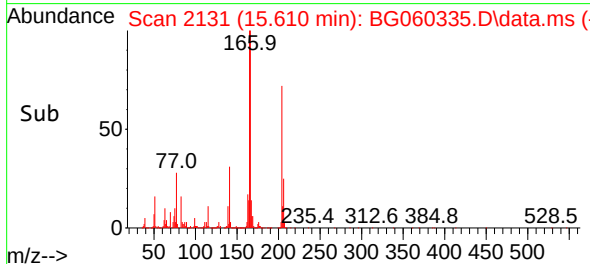
Manual Integrations  
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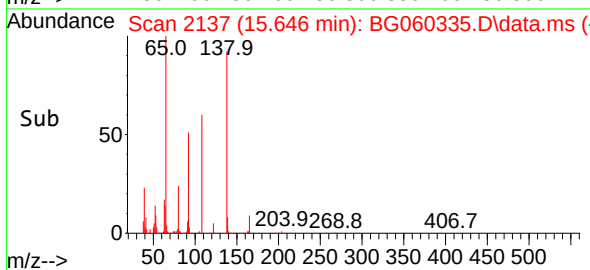
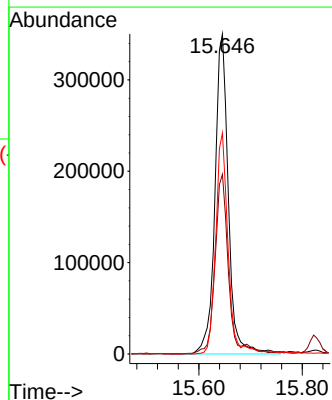
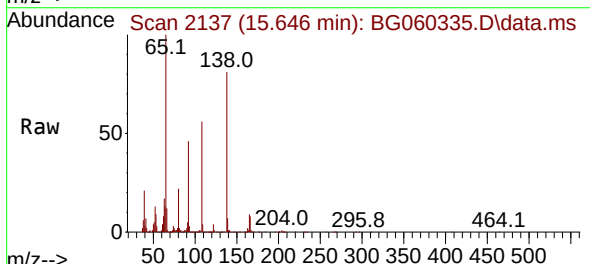
01/17/2024  
Supervised By :mohammad  
ahmed

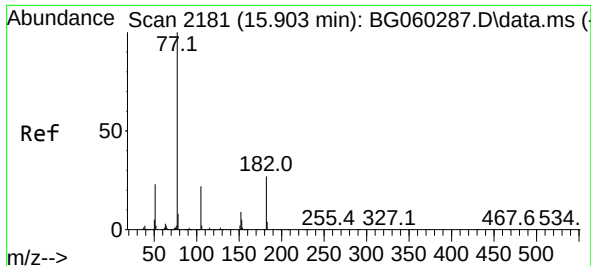
01/18/2024



#62  
4-Nitroaniline  
Concen: 45.680 ng  
RT: 15.646 min Scan# 2137  
Delta R.T. 0.007 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

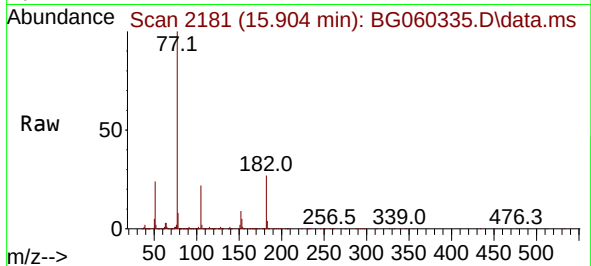
Tgt Ion:138 Resp: 631117  
Ion Ratio Lower Upper  
138 100  
92 56.2 37.0 77.0  
108 69.1 43.1 83.1





#63  
Azobenzene  
Concen: 41.447 ng  
RT: 15.904 min Scan# 2181  
Delta R.T. 0.001 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

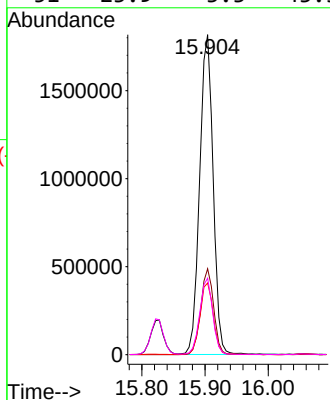
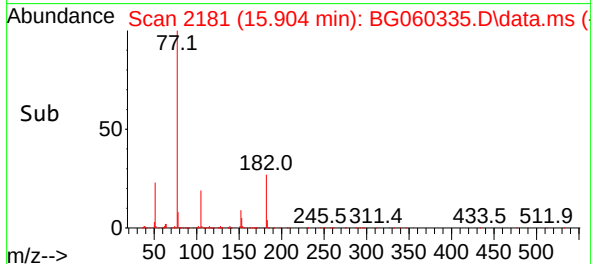
Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS



Tgt Ion: 77 Resp: 268700  
Ion Ratio Lower Upper  
77 100  
182 26.8 6.5 46.5  
105 22.4 1.8 41.8  
51 23.9 3.3 43.3

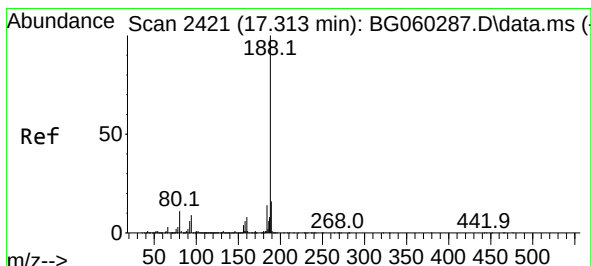
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Upadhyay



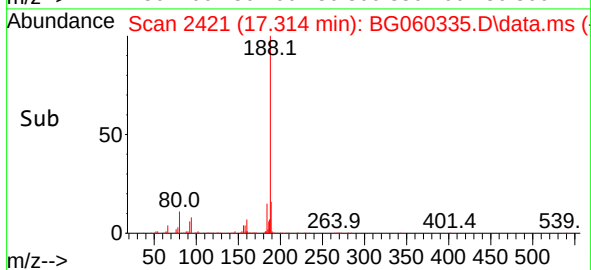
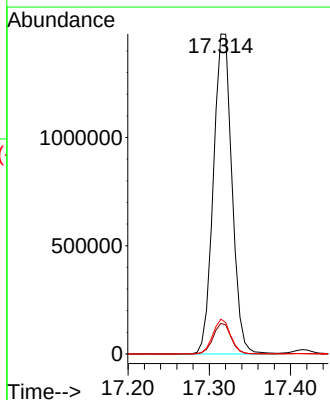
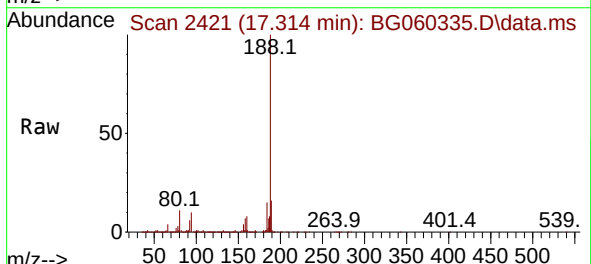
01/17/2024  
Supervised By :mohammad  
ahmed

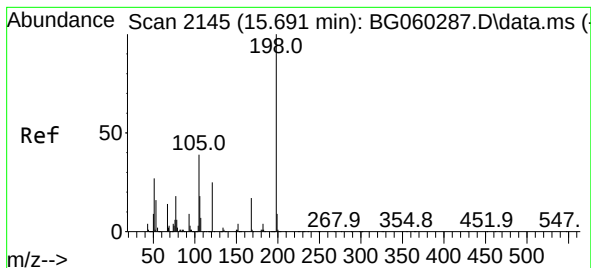
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.314 min Scan# 2421  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion:188 Resp: 2348554  
Ion Ratio Lower Upper  
188 100  
94 9.6 7.1 10.7  
80 10.9 8.5 12.7





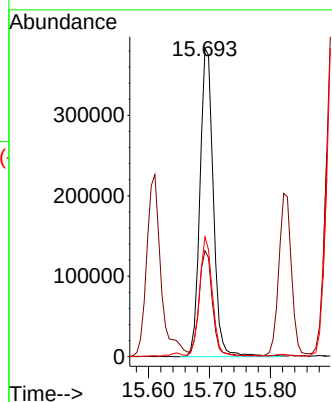
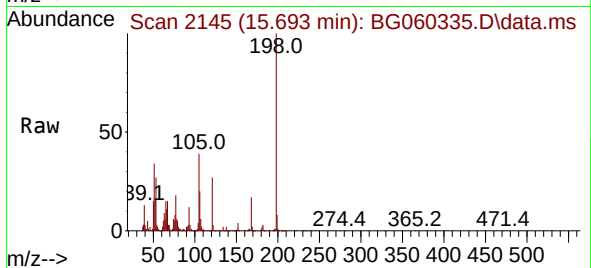
#65  
4,6-Dinitro-2-methylphenol  
Concen: 45.099 ng  
RT: 15.693 min Scan# 2145  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Instrument :  
BNA\_G  
ClientSampleId :  
PB158460BS

Tgt Ion:198 Resp: 585950  
Ion Ratio Lower Upper  
198 100  
51 34.4 11.8 51.8  
105 38.9 20.3 60.3

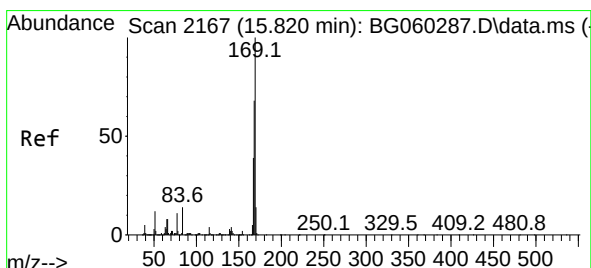
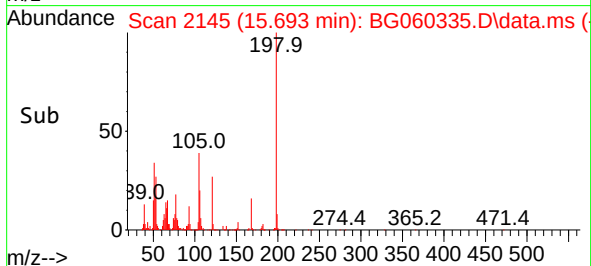
Manual Integrations  
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Upadhyay



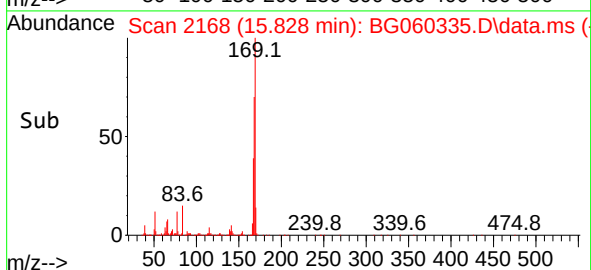
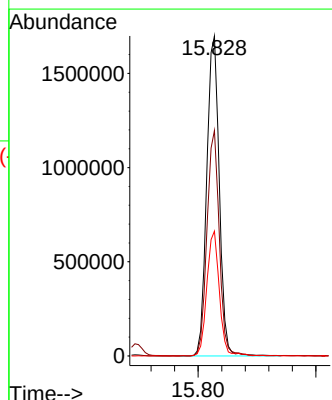
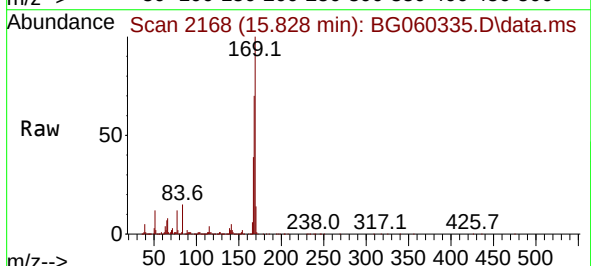
01/17/2024  
Supervised By :mohammad  
ahmed

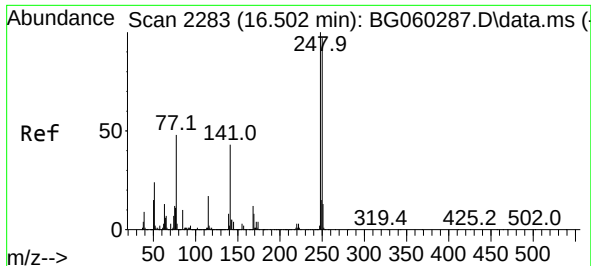
01/18/2024



#66  
n-Nitrosodiphenylamine  
Concen: 40.300 ng  
RT: 15.828 min Scan# 2168  
Delta R.T. 0.007 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion:169 Resp: 2513082  
Ion Ratio Lower Upper  
169 100  
168 70.5 54.4 81.6  
167 39.0 31.2 46.8





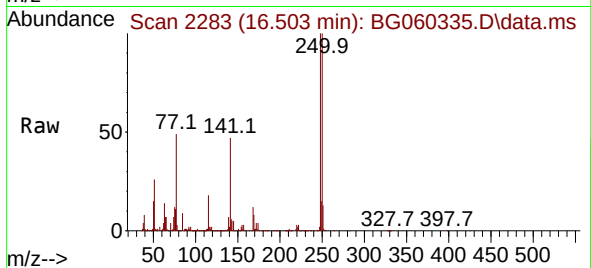
#67  
4-Bromophenyl-phenylether  
Concen: 39.240 ng  
RT: 16.503 min Scan# 21  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

ClientSampleId :

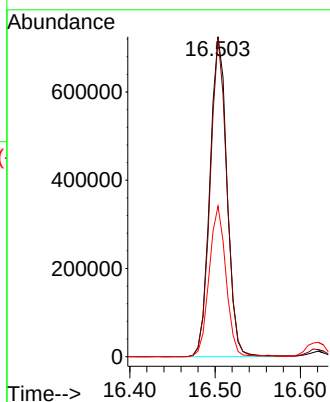
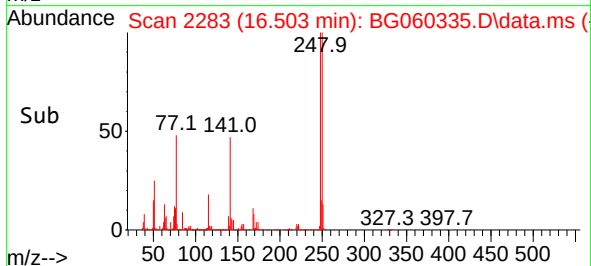
PB158460BS



Tgt Ion:248 Resp: 101262  
Ion Ratio Lower Upper  
248 100  
250 99.7 77.6 116.4  
141 47.0 34.2 51.4

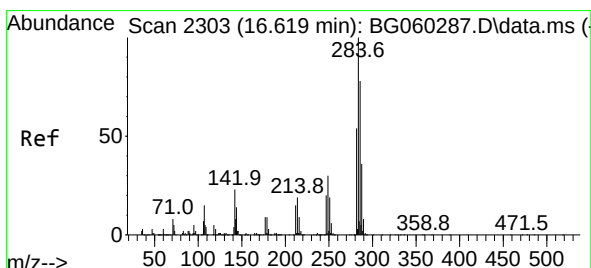
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Upadhyay

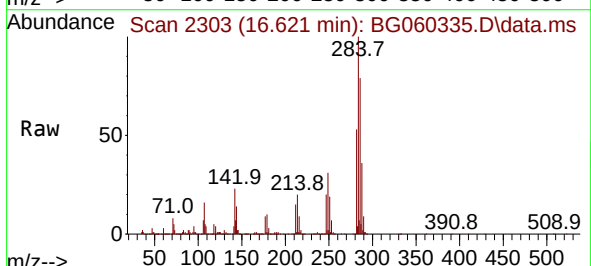


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Supervised By :mohammad  
ahmed

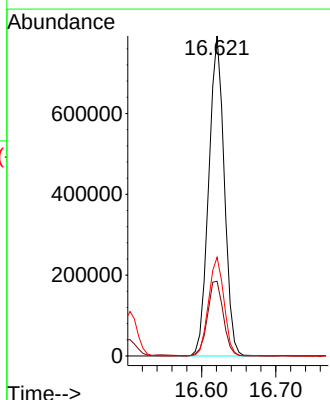
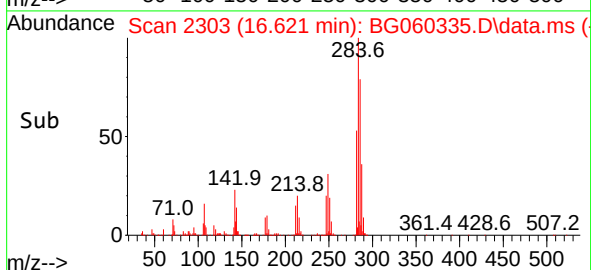
01/18/2024

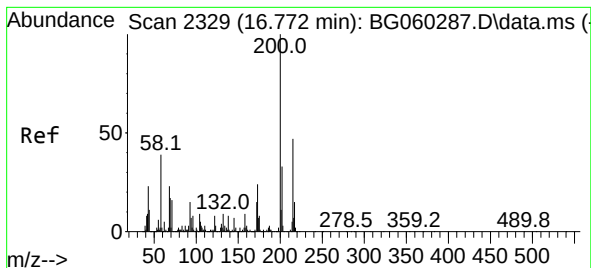


#68  
Hexachlorobenzene  
Concen: 37.663 ng  
RT: 16.621 min Scan# 2303  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11



Tgt Ion:284 Resp: 1150474  
Ion Ratio Lower Upper  
284 100  
142 23.4 18.2 27.4  
249 30.8 24.3 36.5





#69

Atrazine

Concen: 62.302 ng

RT: 16.774 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

ClientSampleId :

PB158460BS

Tgt Ion:200 Resp: 146498

Ion Ratio Lower Upper

200 100

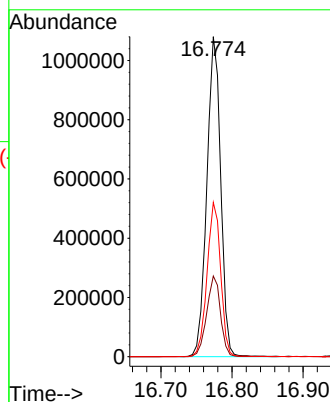
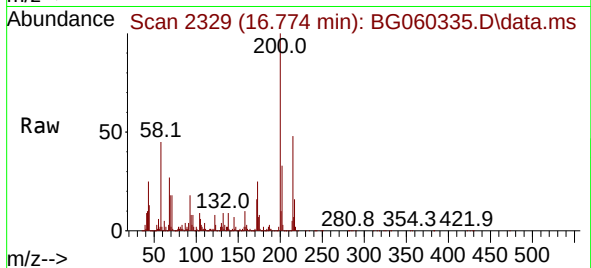
173 25.2 4.1 44.1

215 48.2 27.4 67.4

Manual Integrations

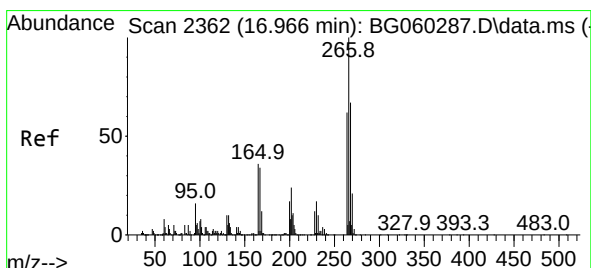
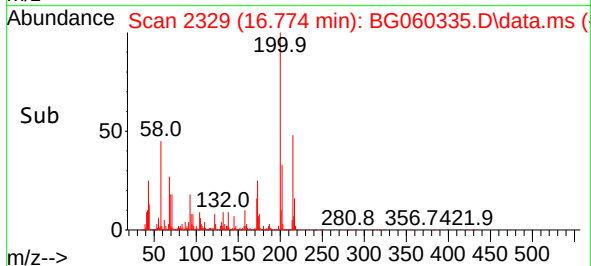
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Supervised By :mohammad  
ahmed

01/18/2024



#70

Pentachlorophenol

Concen: 95.210 ng

RT: 16.968 min Scan# 2362

Delta R.T. 0.002 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

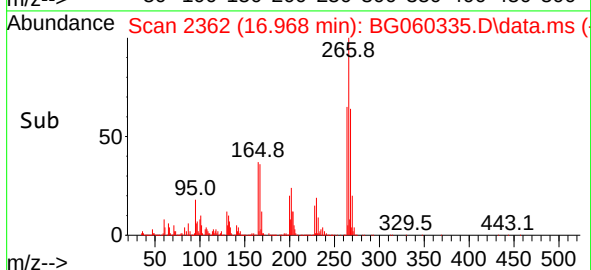
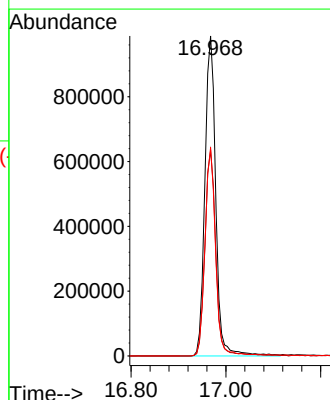
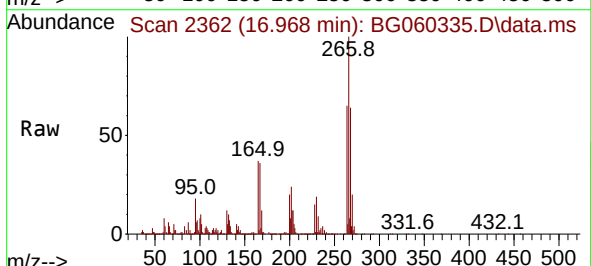
Tgt Ion:266 Resp: 1567656

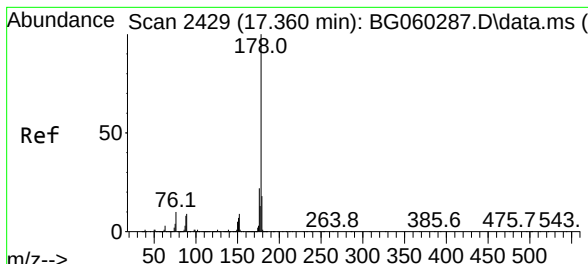
Ion Ratio Lower Upper

266 100

268 64.3 57.4 86.2

264 65.1 49.8 74.8





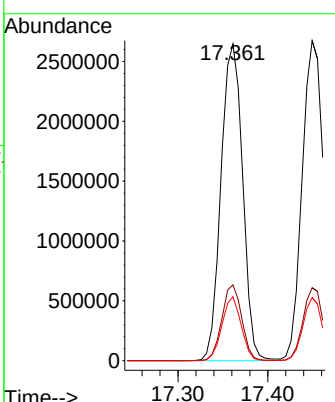
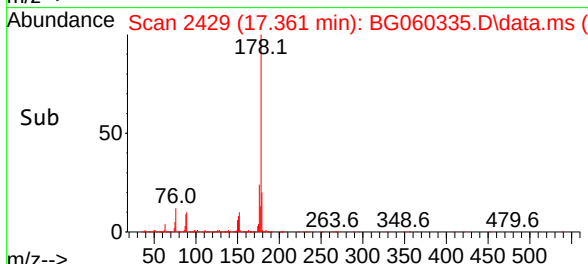
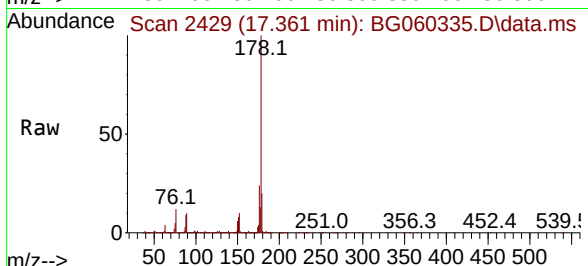
#71  
 Phenanthrene  
 Concen: 38.987 ng  
 RT: 17.361 min Scan# 2429  
 Delta R.T. 0.002 min  
 Lab File: BG060335.D  
 Acq: 16 Jan 2024 14:11

Instrument : BNA\_G  
 ClientSampleId : PB158460BS

Tgt Ion:178 Resp: 442569

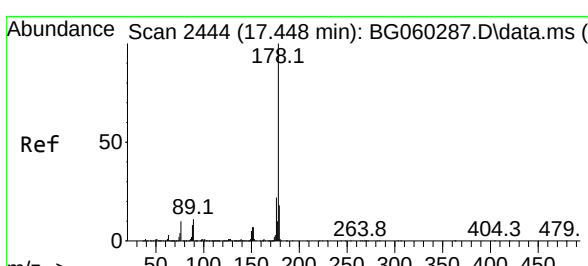
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 24.0  | 17.4  | 26.2  |
| 179 | 20.2  | 14.7  | 22.1  |

Manual Integrations  
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 Reviewed By :Jagrut Upadhyay



01/17/2024  
 Supervised By :mohammad ahmed

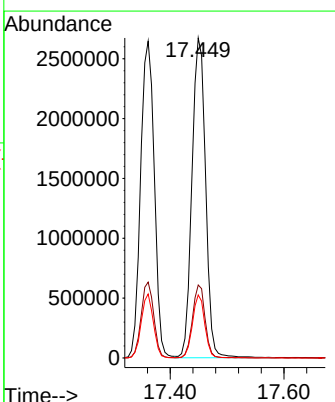
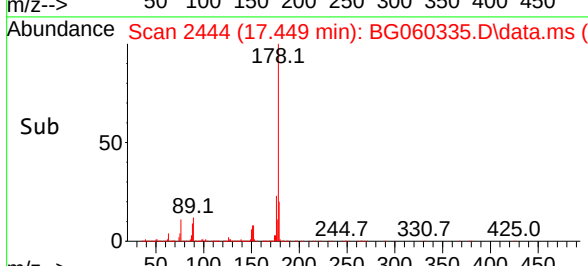
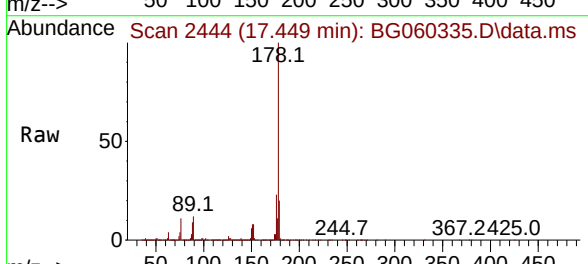
01/18/2024

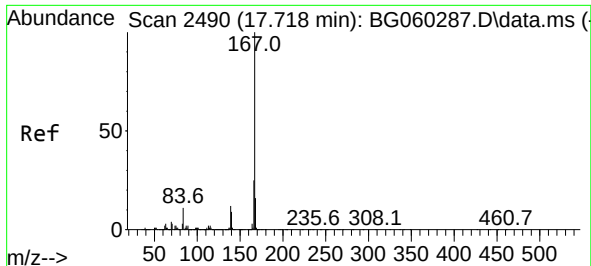


#72  
 Anthracene  
 Concen: 39.401 ng  
 RT: 17.449 min Scan# 2444  
 Delta R.T. 0.002 min  
 Lab File: BG060335.D  
 Acq: 16 Jan 2024 14:11

Tgt Ion:178 Resp: 4465537

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 22.8  | 17.8  | 26.6  |
| 179 | 19.7  | 14.1  | 21.1  |





#73  
 Carbazole  
 Concen: 38.825 ng  
 RT: 17.720 min Scan# 2490  
 Delta R.T. 0.002 min  
 Lab File: BG060335.D  
 Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

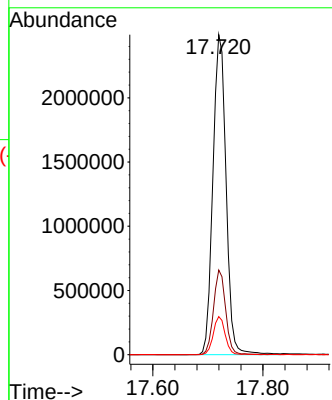
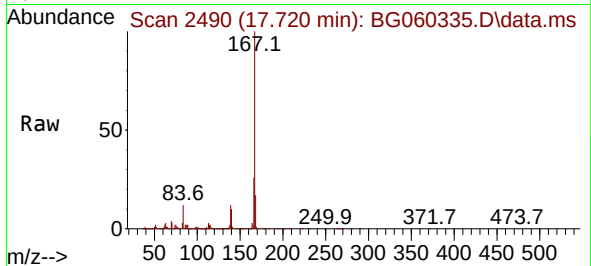
ClientSampleId :

PB158460BS

Tgt Ion:167 Resp: 4148394  
 Ion Ratio Lower Upper  
 167 100  
 166 26.5 19.8 29.8  
 139 11.9 9.3 13.9

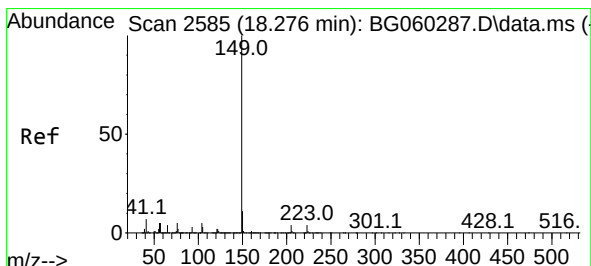
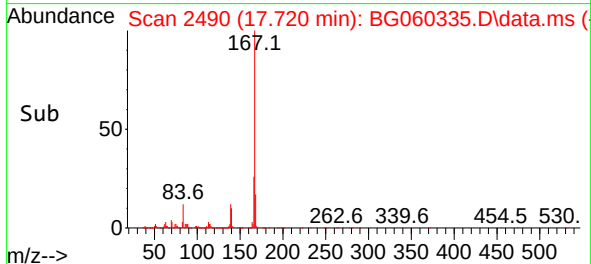
Manual Integrations  
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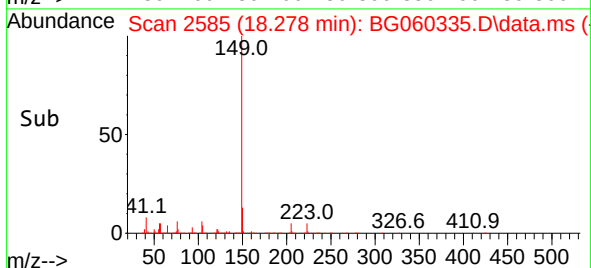
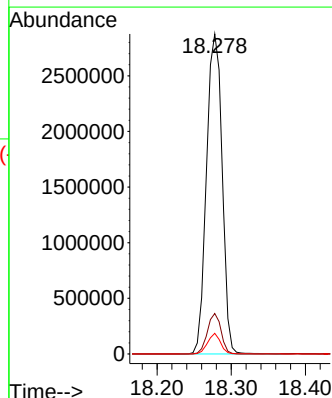
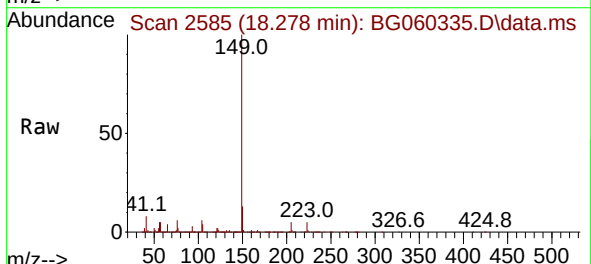
01/17/2024  
 Supervised By :mohammad  
 ahmed

01/18/2024

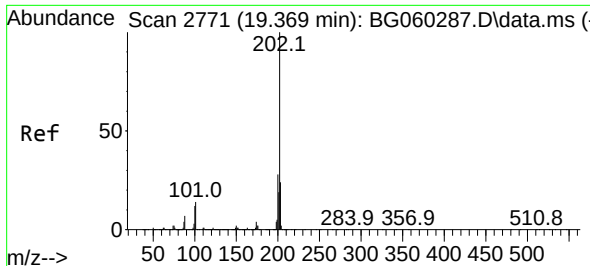


#74  
 Di-n-butylphthalate  
 Concen: 38.308 ng  
 RT: 18.278 min Scan# 2585  
 Delta R.T. 0.002 min  
 Lab File: BG060335.D  
 Acq: 16 Jan 2024 14:11

Tgt Ion:149 Resp: 4211516  
 Ion Ratio Lower Upper  
 149 100  
 150 12.6 9.1 13.7  
 104 6.5 4.3 6.5







#75  
Fluoranthene  
Concen: 35.960 ng  
RT: 19.371 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

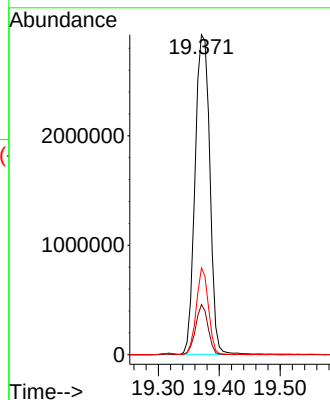
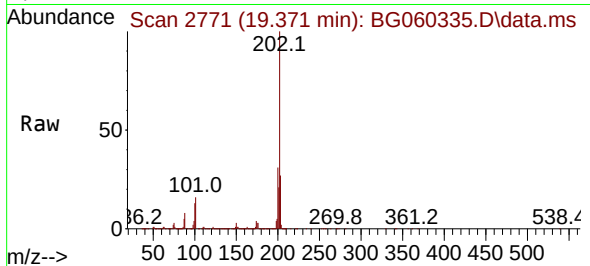
ClientSampleId :

PB158460BS

Tgt Ion:202 Resp: 4902978  
Ion Ratio Lower Upper  
202 100  
101 15.7 0.0 34.4  
203 27.1 4.0 44.0

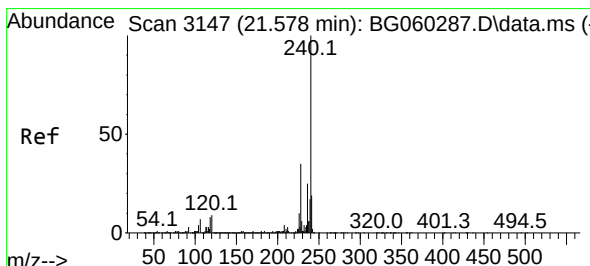
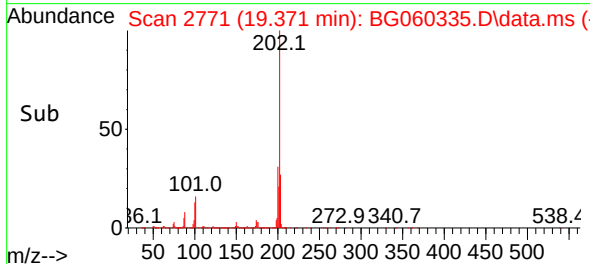
Manual Integrations  
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Upadhyay



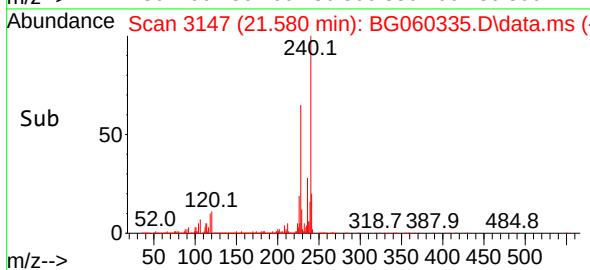
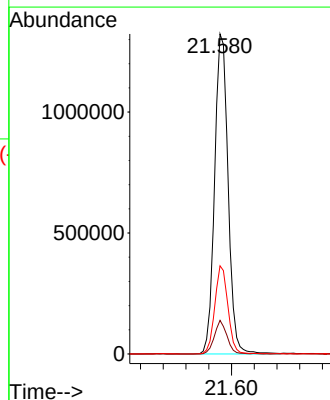
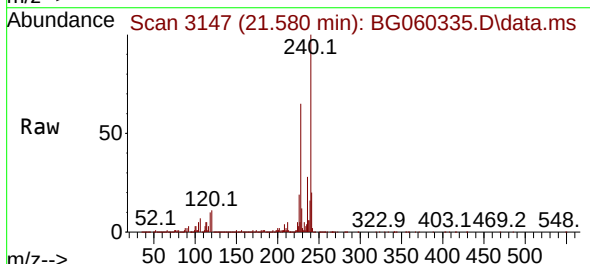
01/17/2024  
Supervised By :mohammad  
ahmed

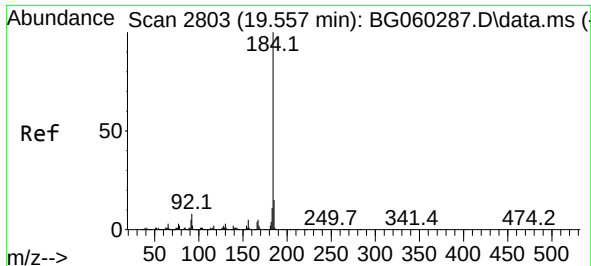
01/18/2024



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.580 min Scan# 3147  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion:240 Resp: 2171801  
Ion Ratio Lower Upper  
240 100  
120 10.5 7.3 10.9  
236 27.5 20.3 30.5





#77  
Benzidine  
Concen: 20.956 ng  
RT: 19.553 min Scan# 2802  
Delta R.T. -0.004 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Instrument :

BNL\_G

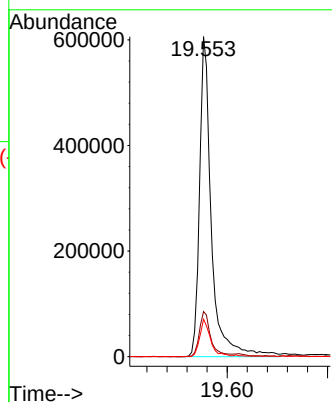
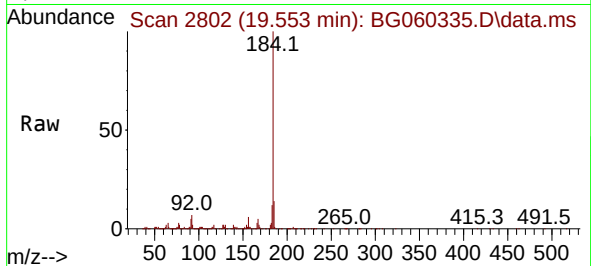
ClientSampleId :

PB158460BS

Tgt Ion:184 Resp: 98876  
Ion Ratio Lower Upper  
184 100  
185 14.1 12.2 18.4  
183 11.7 9.0 13.4

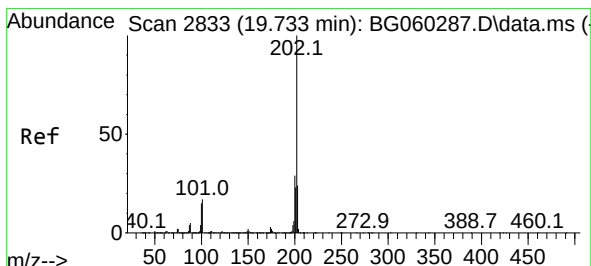
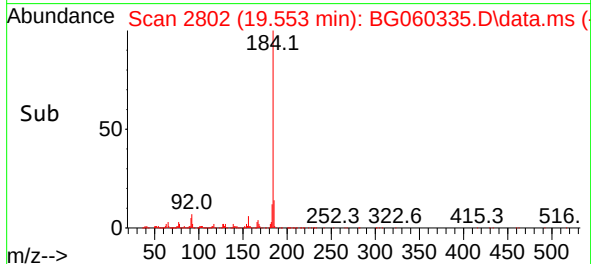
Manual Integrations  
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Upadhyay



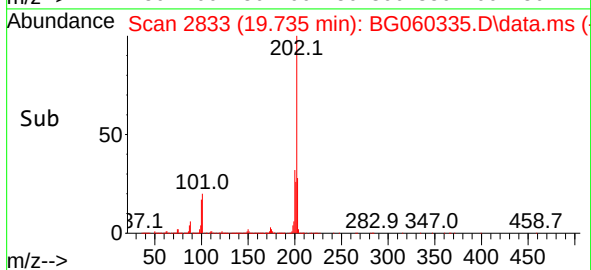
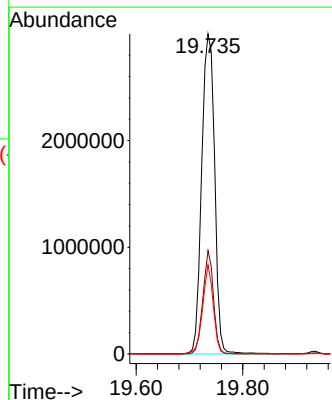
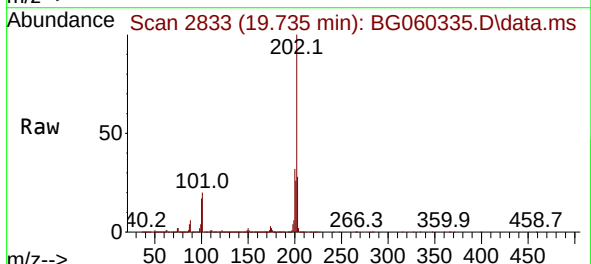
01/17/2024  
Supervised By :mohammad  
ahmed

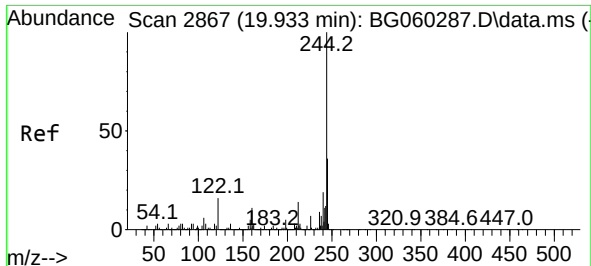
01/18/2024



#78  
Pyrene  
Concen: 36.404 ng  
RT: 19.735 min Scan# 2833  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion:202 Resp: 5048837  
Ion Ratio Lower Upper  
202 100  
200 32.3 23.5 35.3  
203 27.8 19.6 29.4





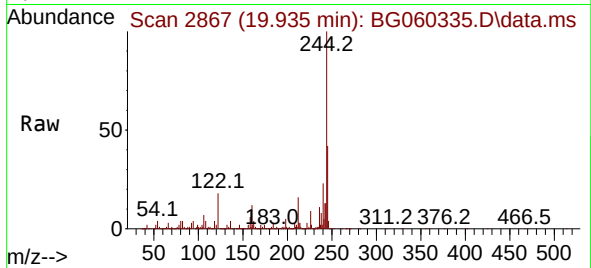
#79  
 Terphenyl-d14  
 Concen: 65.987 ng  
 RT: 19.935 min Scan# 2867  
 Delta R.T. 0.002 min  
 Lab File: BG060335.D  
 Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

ClientSampleId :

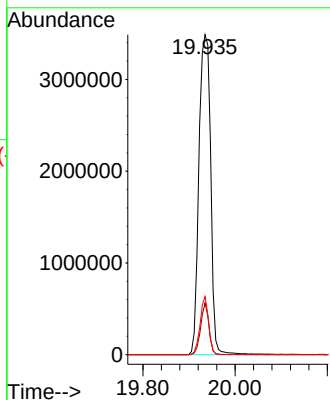
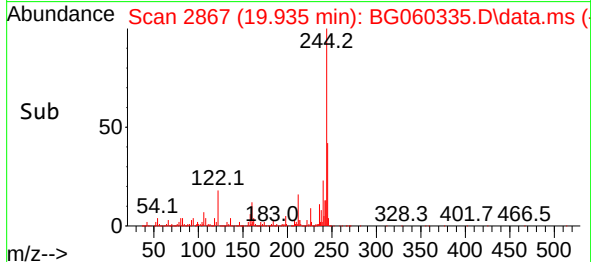
PB158460BS



Tgt Ion:244 Resp: 6181514  
 Ion Ratio Lower Upper  
 244 100  
 212 16.2 10.9 16.3  
 122 18.2 12.6 18.8

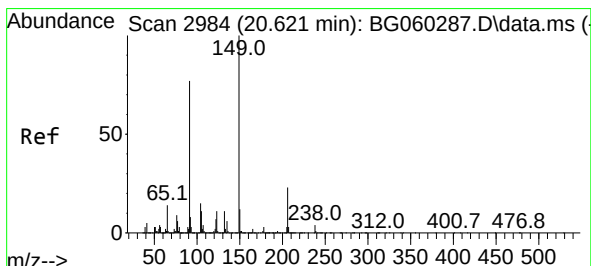
Manual Integrations  
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 Upadhyay

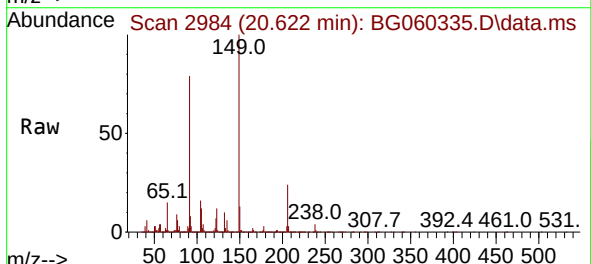


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 Supervised By :mohammad  
 ahmed

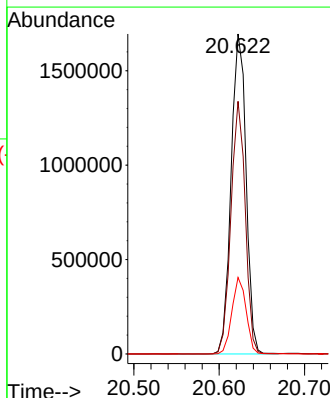
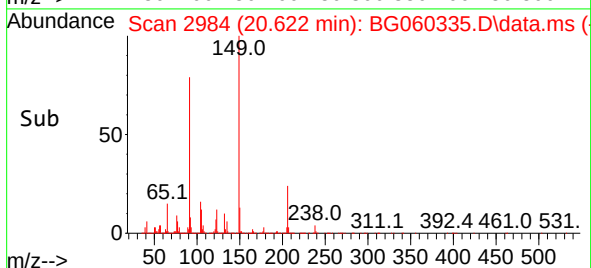
01/18/2024

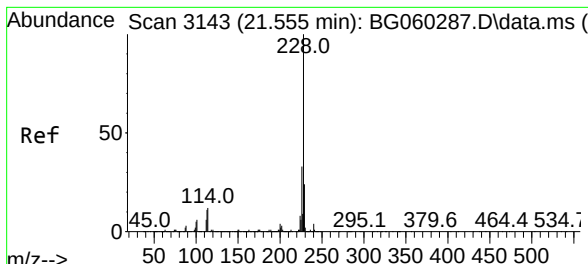


#80  
 Butylbenzylphthalate  
 Concen: 43.282 ng  
 RT: 20.622 min Scan# 2984  
 Delta R.T. 0.002 min  
 Lab File: BG060335.D  
 Acq: 16 Jan 2024 14:11



Tgt Ion:149 Resp: 2065209  
 Ion Ratio Lower Upper  
 149 100  
 91 79.0 61.4 92.2  
 206 23.9 18.0 27.0





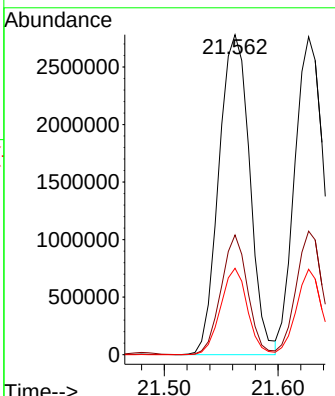
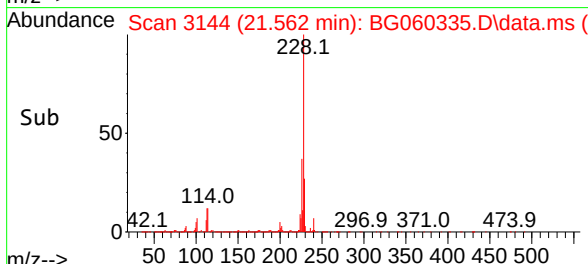
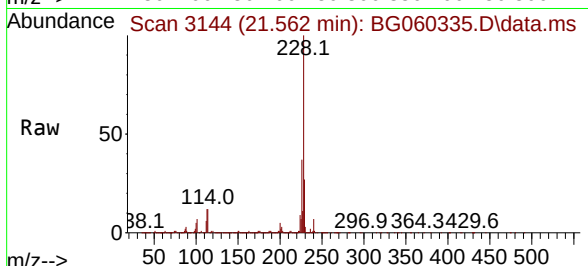
#81  
 Benzo(a)anthracene  
 Concen: 38.971 ng  
 RT: 21.562 min Scan# 3144  
 Delta R.T. 0.007 min  
 Lab File: BG060335.D  
 Acq: 16 Jan 2024 14:11

Instrument : BNA\_G  
 ClientSampleId : PB158460BS

Tgt Ion:228 Resp: 523964

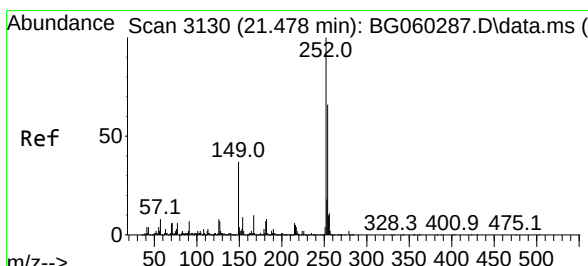
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 37.4  | 26.2  | 39.2  |
| 229 | 27.0  | 19.4  | 29.2  |

Manual Integrations  
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 Supervised By :mohammad ahmed

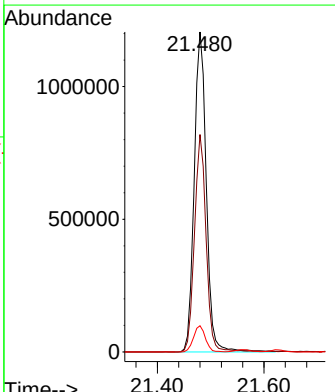
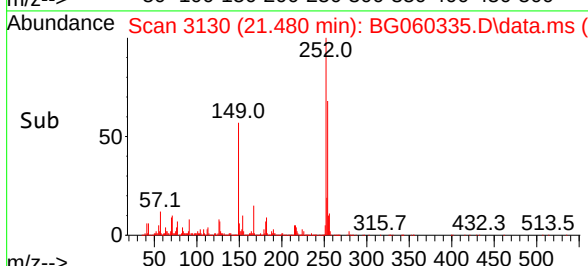
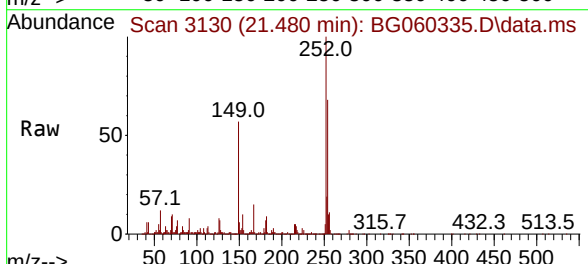
01/18/2024

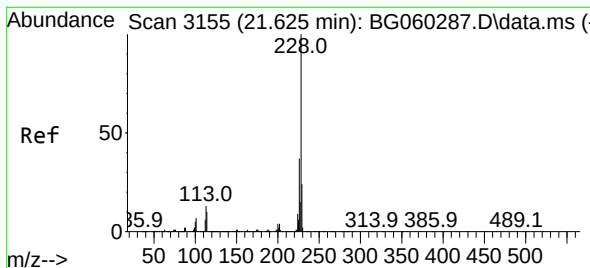


#82  
 3,3'-Dichlorobenzidine  
 Concen: 36.850 ng  
 RT: 21.480 min Scan# 3130  
 Delta R.T. 0.002 min  
 Lab File: BG060335.D  
 Acq: 16 Jan 2024 14:11

Tgt Ion:252 Resp: 1897416

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 67.9  | 52.6  | 79.0  |
| 126 | 8.2   | 6.3   | 9.5   |





#83

Chrysene

Concen: 37.542 ng

RT: 21.627 min Scan# 3155

Delta R.T. 0.001 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

ClientSampleId :

PB158460BS

Tgt Ion:228 Resp: 496433

Ion Ratio Lower Upper

228 100

226 38.9 29.4 44.2

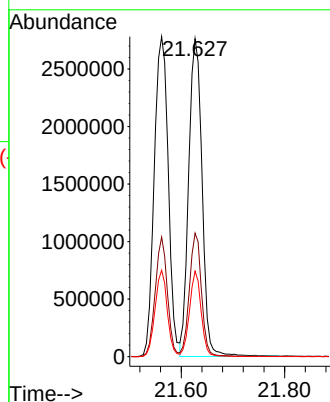
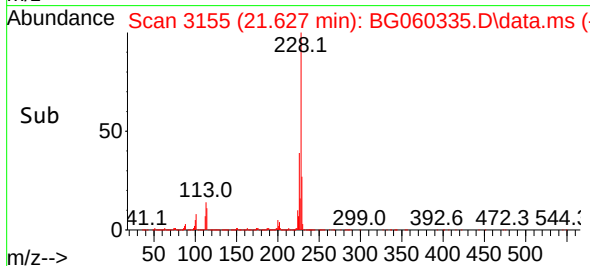
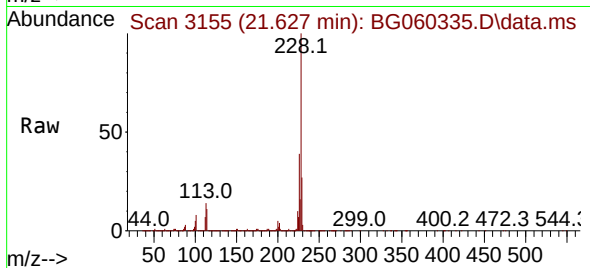
229 26.9 19.2 28.8

Manual Integrations

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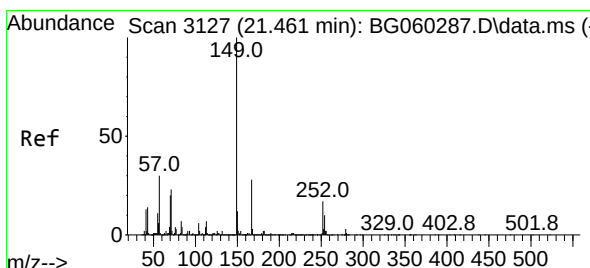
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ahmed

01/18/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.853 ng

RT: 21.468 min Scan# 3128

Delta R.T. 0.007 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

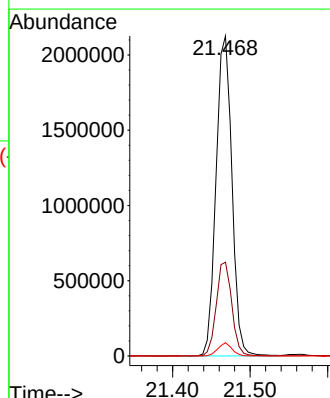
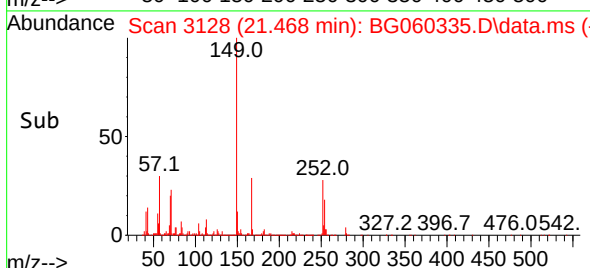
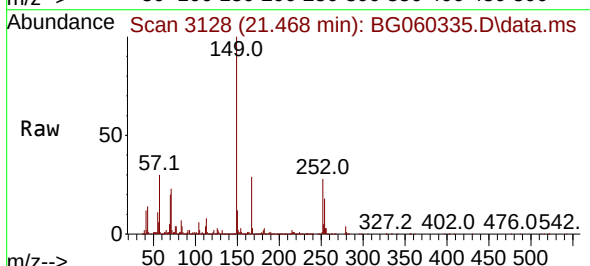
Tgt Ion:149 Resp: 3017719

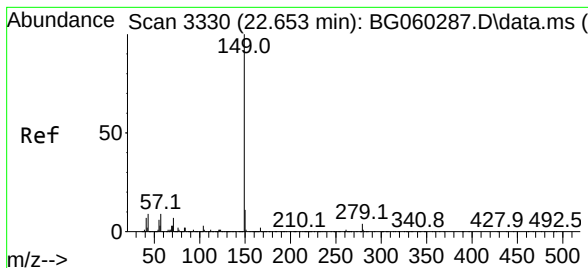
Ion Ratio Lower Upper

149 100

167 29.3 22.2 33.2

279 4.2 2.7 4.1#





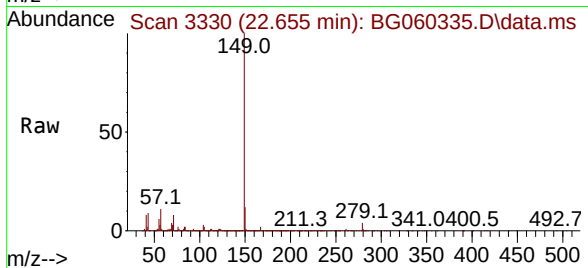
#85  
Di-n-octyl phthalate  
Concen: 42.605 ng  
RT: 22.655 min Scan# 31  
Delta R.T. 0.002 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

ClientSampleId :

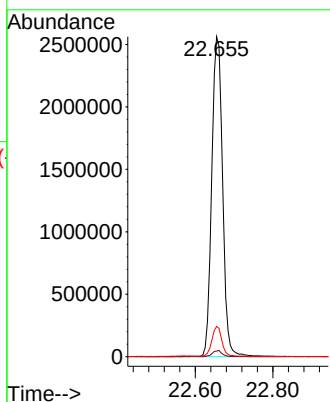
PB158460BS



Tgt Ion:149 Resp: 497808  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 8.7 6.8 10.2

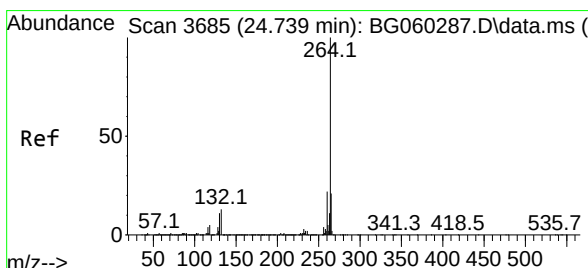
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Upadhyay



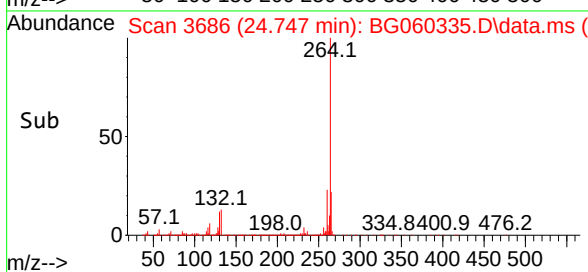
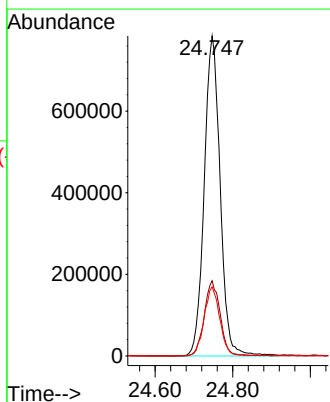
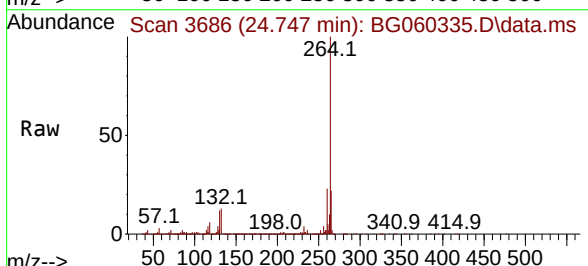
01/17/2024  
Supervised By :mohammad  
ahmed

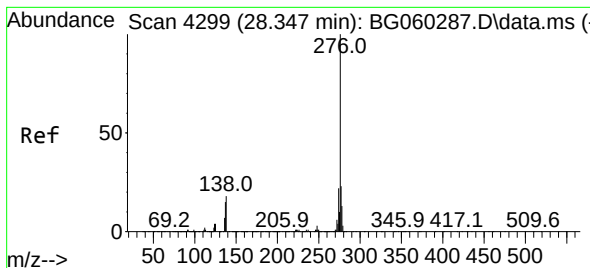
01/18/2024



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.747 min Scan# 3686  
Delta R.T. 0.007 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion:264 Resp: 2233737  
Ion Ratio Lower Upper  
264 100  
260 23.5 17.8 26.6  
265 21.6 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.256 ng

RT: 28.360 min Scan# 41

Delta R.T. 0.013 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

ClientSampleId :

PB158460BS

Tgt Ion:276 Resp: 702884

Ion Ratio Lower Upper

276 100

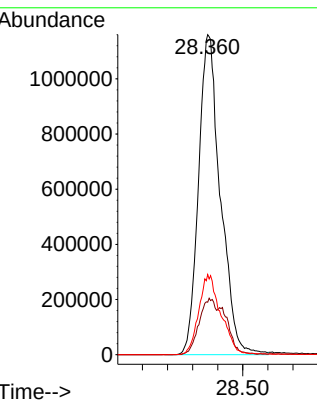
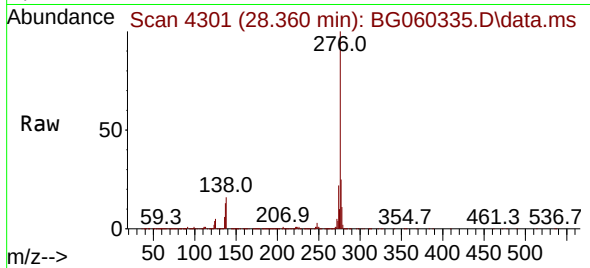
138 13.2 12.5 18.7

277 25.1 20.5 30.7

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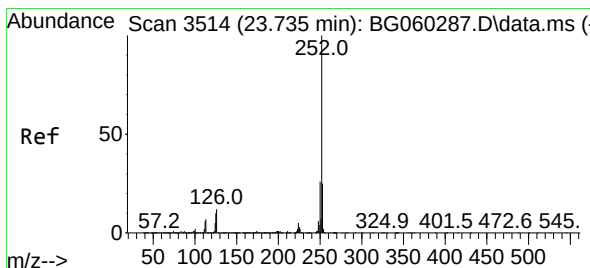
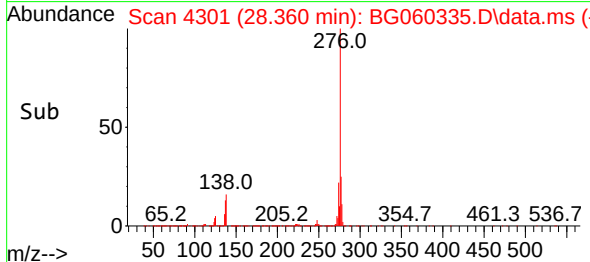
Reviewed By :Jagrut  
Upadhyay



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Supervised By :mohammad  
ahmed

01/18/2024



#88

Benzo(b)fluoranthene

Concen: 42.987 ng

RT: 23.742 min Scan# 3515

Delta R.T. 0.007 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

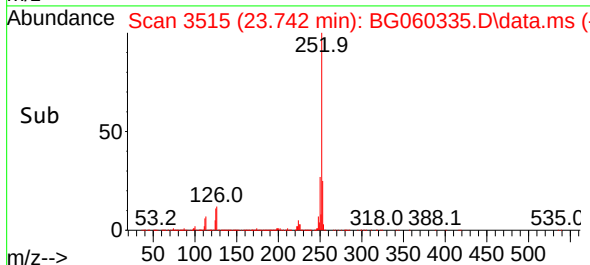
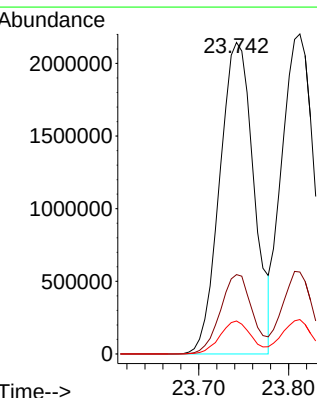
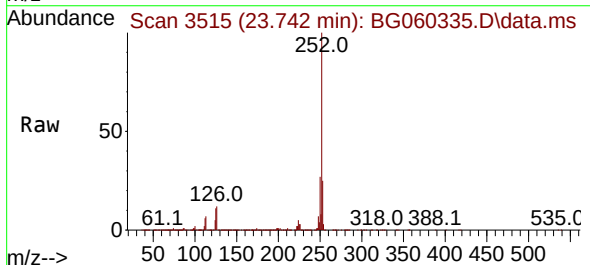
Tgt Ion:252 Resp: 5672610

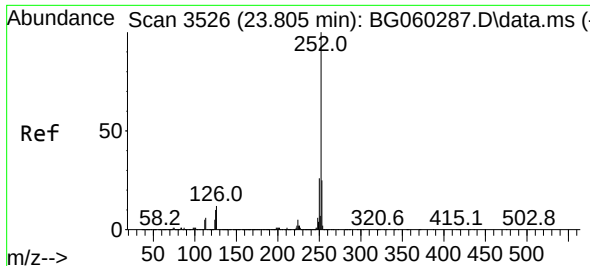
Ion Ratio Lower Upper

252 100

253 25.5 20.0 30.0

125 10.6 8.1 12.1





#89  
Benzo(k)fluoranthene  
Concen: 43.037 ng  
RT: 23.812 min Scan# 3527  
Delta R.T. 0.007 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

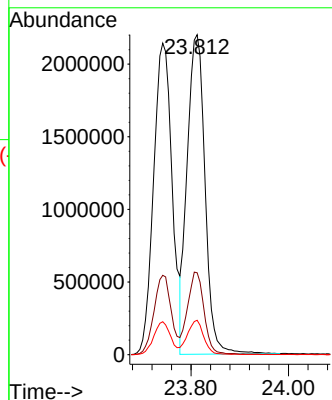
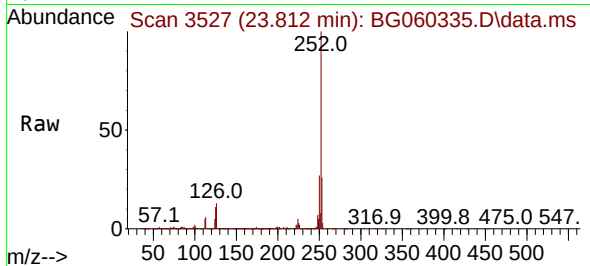
ClientSampleId :

PB158460BS

Tgt Ion:252 Resp: 560414  
Ion Ratio Lower Upper  
252 100  
253 25.6 19.6 29.4  
125 10.7 8.2 12.2

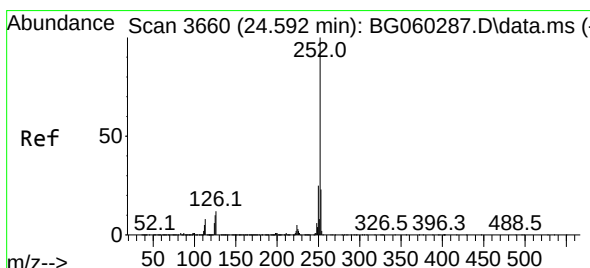
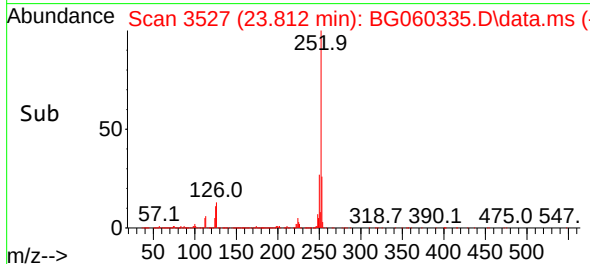
Manual Integrations  
APPROVED

Reviewed By :Jagrut  
Upadhyay



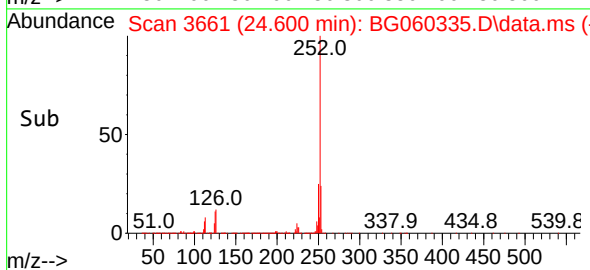
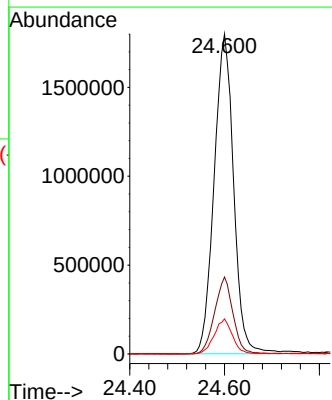
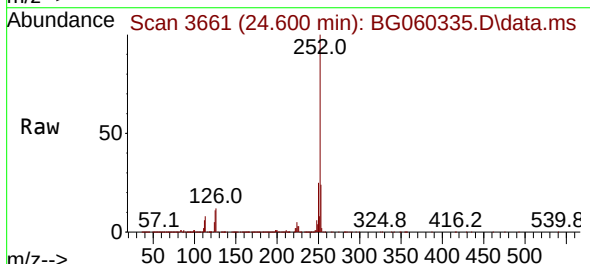
01/17/2024  
Supervised By :mohammad  
ahmed

01/18/2024

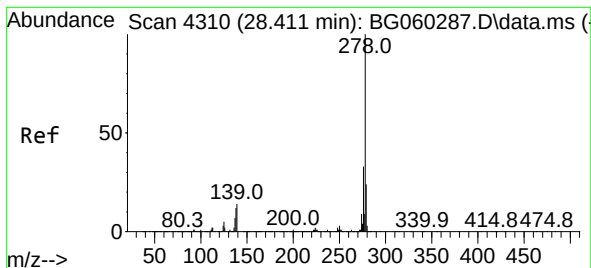


#90  
Benzo(a)pyrene  
Concen: 43.038 ng  
RT: 24.600 min Scan# 3661  
Delta R.T. 0.007 min  
Lab File: BG060335.D  
Acq: 16 Jan 2024 14:11

Tgt Ion:252 Resp: 5130384  
Ion Ratio Lower Upper  
252 100  
253 24.1 18.1 27.1  
125 11.0 8.1 12.1







#91

Dibenzo(a,h)anthracene

Concen: 45.520 ng

RT: 28.431 min Scan# 41

Delta R.T. 0.019 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

Instrument :

BNA\_G

ClientSampleId :

PB158460BS

Tgt Ion:278 Resp: 5773754

Ion Ratio Lower Upper

278 100

139 12.7 10.9 16.3

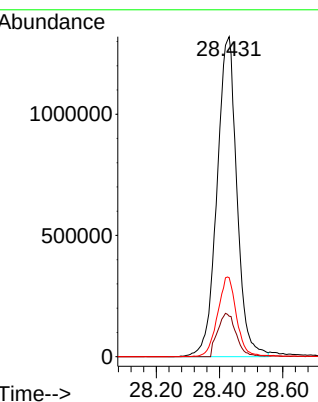
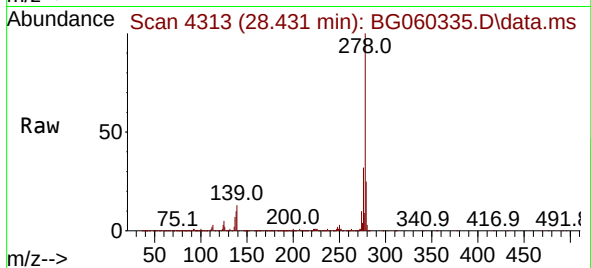
279 24.7 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut

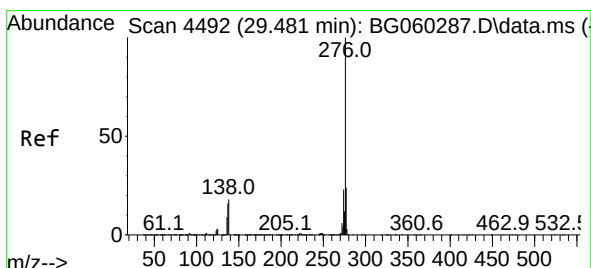
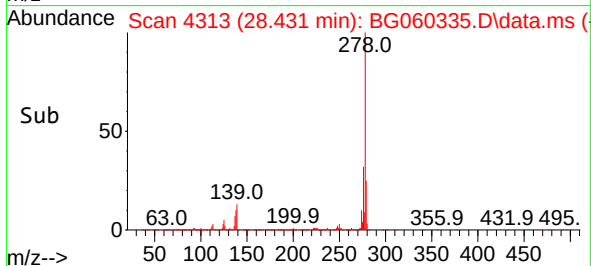
Upadhyay



01/17/2024

Supervised By :mohammad  
ahmed

01/18/2024



#92

Benzo(g,h,i)perylene

Concen: 43.916 ng

RT: 29.494 min Scan# 4494

Delta R.T. 0.013 min

Lab File: BG060335.D

Acq: 16 Jan 2024 14:11

Tgt Ion:276 Resp: 5709041

Ion Ratio Lower Upper

276 100

277 22.7 19.4 29.0

138 17.5 14.2 21.4

