

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG123022\  
 Data File : BG056173.D  
 Acq On : 30 Dec 2022 16:32  
 Operator : CG/JU  
 Sample : N6242-04MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

MM-4MS

## Manual Integrations

## APPROVED

Reviewed By :Jagrut Upadhyay 01/03/2023

Supervised By :Yogesh Patel 01/03/2023

Quant Time: Dec 31 00:18:21 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122722.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Dec 28 05:20:14 2022

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |                                           |
|-------------------------------|--------|------|----------|--------|-------|----------|-------------------------------------------|
| Internal Standards            |        |      |          |        |       |          | 01/03/2023<br>Supervised By :Yogesh Patel |
| 1) 1,4-Dichlorobenzene-d4     | 8.334  | 152  | 94320    | 20.000 | ng    | 0.00     |                                           |
| 21) Naphthalene-d8            | 11.172 | 136  | 341760   | 20.000 | ng    | 0.00     |                                           |
| 39) Acenaphthene-d10          | 14.944 | 164  | 289092   | 20.000 | ng    | 0.00     |                                           |
| 64) Phenanthrene-d10          | 17.682 | 188  | 752472   | 20.000 | ng    | 0.00     |                                           |
| 76) Chrysene-d12              | 21.977 | 240  | 733002   | 20.000 | ng    | 0.00     |                                           |
| 86) Perylene-d12              | 25.438 | 264  | 824702   | 20.000 | ng    | 0.01     | 01/03/2023                                |
| System Monitoring Compounds   |        |      |          |        |       |          |                                           |
| 5) 2-Fluorophenol             | 5.861  | 112  | 357754   | 67.724 | ng    | 0.00     |                                           |
| 7) Phenol-d6                  | 7.476  | 99   | 493140   | 60.788 | ng    | 0.00     |                                           |
| 23) Nitrobenzene-d5           | 9.509  | 82   | 257562   | 38.550 | ng    | 0.00     |                                           |
| 42) 2,4,6-Tribromophenol      | 16.425 | 330  | 228720   | 62.470 | ng    | 0.00     |                                           |
| 45) 2-Fluorobiphenyl          | 13.575 | 172  | 830427   | 39.667 | ng    | 0.00     |                                           |
| 79) Terphenyl-d14             | 20.256 | 244  | 1690867  | 41.315 | ng    | 0.00     |                                           |
| Target Compounds              |        |      |          |        |       |          | Qvalue                                    |
| 2) 1,4-Dioxane                | 3.681  | 88   | 47150    | 19.541 | ng    |          | 98                                        |
| 3) Pyridine                   | 4.092  | 79   | 125343   | 17.056 | ng    | #        | 95                                        |
| 4) n-Nitrosodimethylamine     | 4.004  | 42   | 29582    | 19.788 | ng    |          | 96                                        |
| 6) Aniline                    | 7.647  | 93   | 143689   | 13.506 | ng    |          | 95                                        |
| 8) 2-Chlorophenol             | 7.894  | 128  | 116928   | 22.244 | ng    |          | 97                                        |
| 9) Benzaldehyde               | 7.465  | 77   | 69786    | 14.467 | ng    |          | 97                                        |
| 10) Phenol                    | 7.500  | 94   | 174749   | 21.240 | ng    |          | 97                                        |
| 11) bis(2-Chloroethyl)ether   | 7.741  | 93   | 106156   | 19.040 | ng    |          | 96                                        |
| 12) 1,3-Dichlorobenzene       | 8.229  | 146  | 139038   | 21.732 | ng    |          | 95                                        |
| 13) 1,4-Dichlorobenzene       | 8.375  | 146  | 139828   | 21.765 | ng    |          | 98                                        |
| 14) 1,2-Dichlorobenzene       | 8.699  | 146  | 135630   | 21.879 | ng    |          | 97                                        |
| 15) Benzyl Alcohol            | 8.569  | 79   | 110227   | 18.669 | ng    |          | 98                                        |
| 16) 2,2'-oxybis(1-Chloropr... | 8.857  | 45   | 17867    | 18.135 | ng    |          | 91                                        |
| 17) 2-Methylphenol            | 8.763  | 107  | 116894   | 19.363 | ng    |          | 96                                        |
| 18) Hexachloroethane          | 9.433  | 117  | 43757    | 22.420 | ng    |          | 89                                        |
| 19) n-Nitroso-di-n-propyla... | 9.139  | 70   | 84641    | 17.158 | ng    |          | 98                                        |
| 20) 3+4-Methylphenols         | 9.092  | 107  | 160515   | 18.912 | ng    |          | 96                                        |
| 22) Acetophenone              | 9.163  | 105  | 189384   | 19.598 | ng    | #        | 93                                        |
| 24) Nitrobenzene              | 9.556  | 77   | 126753   | 19.143 | ng    |          | 98                                        |
| 25) Isophorone                | 10.073 | 82   | 247170   | 17.583 | ng    |          | 96                                        |
| 26) 2-Nitrophenol             | 10.267 | 139  | 73793    | 21.782 | ng    |          | 98                                        |
| 27) 2,4-Dimethylphenol        | 10.308 | 122  | 131740   | 21.321 | ng    |          | 98                                        |
| 28) bis(2-Chloroethoxy)met... | 10.549 | 93   | 142191   | 19.461 | ng    |          | 99                                        |
| 29) 2,4-Dichlorophenol        | 10.802 | 162  | 151803   | 22.222 | ng    |          | 96                                        |
| 30) 1,2,4-Trichlorobenzene    | 11.025 | 180  | 166369   | 21.461 | ng    |          | 99                                        |
| 31) Naphthalene               | 11.219 | 128  | 357732   | 19.889 | ng    |          | 99                                        |
| 32) Benzoic acid              | 10.414 | 122  | 75187    | 16.400 | ng    |          | 95                                        |
| 33) 4-Chloroaniline           | 11.313 | 127  | 87727    | 10.216 | ng    |          | 97                                        |
| 34) Hexachlorobutadiene       | 11.495 | 225  | 120286   | 21.574 | ng    |          | 95                                        |
| 35) Caprolactam               | 12.083 | 113  | 43618m   | 18.859 | ng    |          |                                           |
| 36) 4-Chloro-3-methylphenol   | 12.406 | 107  | 140409   | 20.256 | ng    |          | 99                                        |
| 37) 2-Methylnaphthalene       | 12.800 | 142  | 284161   | 18.711 | ng    |          | 98                                        |
| 38) 1-Methylnaphthalene       | 13.017 | 142  | 264030   | 18.722 | ng    |          | 97                                        |
| 40) 1,2,4,5-Tetrachloroben... | 13.158 | 216  | 221743   | 20.465 | ng    |          | 98                                        |
| 41) Hexachlorocyclopentadiene | 13.135 | 237  | 313107   | 50.686 | ng    |          | 95                                        |
| 43) 2,4,6-Trichlorophenol     | 13.387 | 196  | 153694   | 21.452 | ng    |          | 98                                        |

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 Sample : N6242-04MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

MM-4MS

## Manual Integrations

## APPROVED

Reviewed By :Jagrut Upadhyay 01/03/2023  
 Supervised By :Yogesh Patel 01/03/2023

Quant Time: Dec 31 00:18:21 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122722.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Dec 28 05:20:14 2022

Response via : Initial Calibration

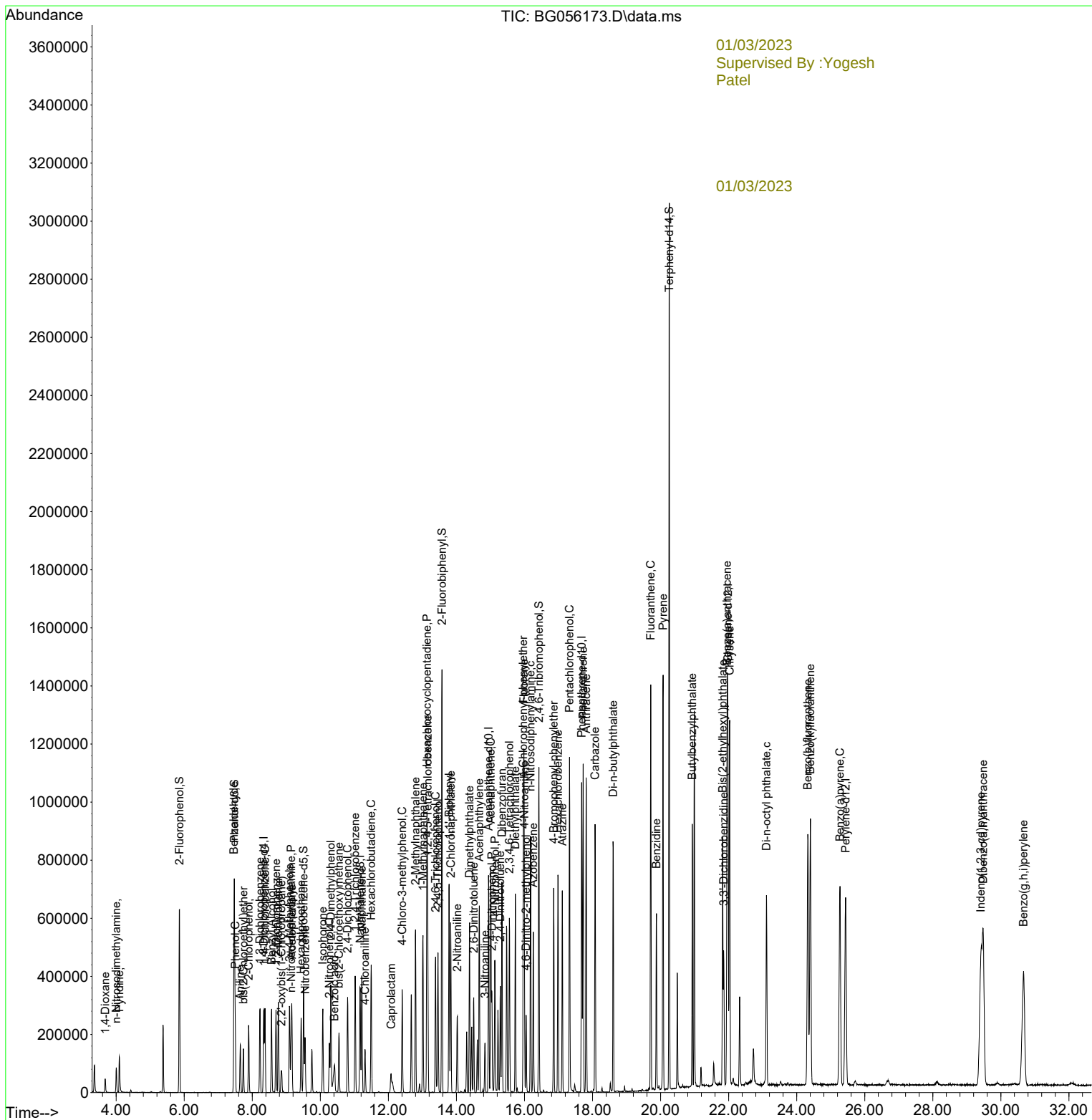
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |                             |
|-------------------------------|--------|------|----------|--------|-------|----------|-----------------------------|
| 44) 2,4,5-Trichlorophenol     | 13.458 | 196  | 165249   | 19.498 | ng    | 98       | 01/03/2023                  |
| 46) 1,1'-Biphenyl             | 13.787 | 154  | 424266   | 20.492 | ng    | 100      | Supervised By :Yogesh Patel |
| 47) 2-Chloronaphthalene       | 13.834 | 162  | 334949   | 20.496 | ng    | 98       |                             |
| 48) 2-Nitroaniline            | 14.028 | 65   | 67284    | 19.324 | ng    | 97       |                             |
| 49) Acenaphthylene            | 14.674 | 152  | 516320   | 19.415 | ng    | 100      |                             |
| 50) Dimethylphthalate         | 14.386 | 163  | 448927   | 19.236 | ng    | 99       |                             |
| 51) 2,6-Dinitrotoluene        | 14.509 | 165  | 94367    | 18.977 | ng    | 96       | 01/03/2023                  |
| 52) Acenaphthene              | 15.009 | 154  | 364787   | 21.091 | ng    | 99       |                             |
| 53) 3-Nitroaniline            | 14.838 | 138  | 54136    | 11.439 | ng    | 97       |                             |
| 54) 2,4-Dinitrophenol         | 15.044 | 184  | 124892   | 35.156 | ng    | 96       |                             |
| 55) Dibenzofuran              | 15.338 | 168  | 550362   | 19.229 | ng    | 97       |                             |
| 56) 4-Nitrophenol             | 15.132 | 139  | 148169   | 40.708 | ng    | 92       |                             |
| 57) 2,4-Dinitrotoluene        | 15.291 | 165  | 140500   | 20.203 | ng    | 91       |                             |
| 58) Fluorene                  | 15.984 | 166  | 439522   | 19.092 | ng    | 96       |                             |
| 59) 2,3,4,6-Tetrachlorophenol | 15.555 | 232  | 167625m  | 21.064 | ng    |          |                             |
| 60) Diethylphthalate          | 15.732 | 149  | 414702   | 18.948 | ng    | 99       |                             |
| 61) 4-Chlorophenyl-phenyle... | 15.967 | 204  | 279152   | 19.431 | ng    | 99       |                             |
| 62) 4-Nitroaniline            | 15.996 | 138  | 90714    | 18.712 | ng    | 96       |                             |
| 63) Azobenzene                | 16.260 | 77   | 313936   | 18.588 | ng    | 97       |                             |
| 65) 4,6-Dinitro-2-methylph... | 16.049 | 198  | 98646    | 19.458 | ng    | 94       |                             |
| 66) n-Nitrosodiphenylamine    | 16.178 | 169  | 410772   | 19.675 | ng    | 98       |                             |
| 67) 4-Bromophenyl-phenylether | 16.860 | 248  | 188597   | 19.682 | ng    | 97       |                             |
| 68) Hexachlorobenzene         | 16.989 | 284  | 186271   | 20.836 | ng    | 94       |                             |
| 69) Atrazine                  | 17.112 | 200  | 182584   | 21.102 | ng    | 97       |                             |
| 70) Pentachlorophenol         | 17.324 | 266  | 256245   | 37.314 | ng    | 98       |                             |
| 71) Phenanthrene              | 17.723 | 178  | 776598   | 19.915 | ng    | 97       |                             |
| 72) Anthracene                | 17.811 | 178  | 791366   | 19.673 | ng    | 100      |                             |
| 73) Carbazole                 | 18.076 | 167  | 683121   | 20.203 | ng    | 98       |                             |
| 74) Di-n-butylphthalate       | 18.605 | 149  | 689120   | 20.445 | ng    | 99       |                             |
| 75) Fluoranthene              | 19.709 | 202  | 996215   | 19.585 | ng    | 99       |                             |
| 77) Benzidine                 | 19.880 | 184  | 400744   | 15.601 | ng    | 99       |                             |
| 78) Pyrene                    | 20.073 | 202  | 1006968  | 19.490 | ng    | 99       |                             |
| 80) Butylbenzylphthalate      | 20.931 | 149  | 290173   | 19.577 | ng    | 98       |                             |
| 81) Benzo(a)anthracene        | 21.954 | 228  | 1005218  | 19.525 | ng    | 98       |                             |
| 82) 3,3'-Dichlorobenzidine    | 21.854 | 252  | 209727   | 11.316 | ng    | 98       |                             |
| 83) Chrysene                  | 22.030 | 228  | 932025   | 19.327 | ng    | 99       |                             |
| 84) Bis(2-ethylhexyl)phtha... | 21.824 | 149  | 412119   | 19.299 | ng    | 99       |                             |
| 85) Di-n-octyl phthalate      | 23.111 | 149  | 711469   | 19.735 | ng    | 100      |                             |
| 87) Indeno(1,2,3-cd)pyrene    | 29.410 | 276  | 1189392  | 19.831 | ng    | # 98     |                             |
| 88) Benzo(b)fluoranthene      | 24.327 | 252  | 1055515  | 20.144 | ng    | 99       |                             |
| 89) Benzo(k)fluoranthene      | 24.404 | 252  | 1042284  | 19.975 | ng    | 99       |                             |
| 90) Benzo(a)pyrene            | 25.273 | 252  | 939577   | 18.384 | ng    | 99       |                             |
| 91) Dibenzo(a,h)anthracene    | 29.480 | 278  | 988224   | 19.652 | ng    | 96       |                             |
| 92) Benzo(g,h,i)perylene      | 30.667 | 276  | 955815   | 19.601 | ng    | 99       |                             |

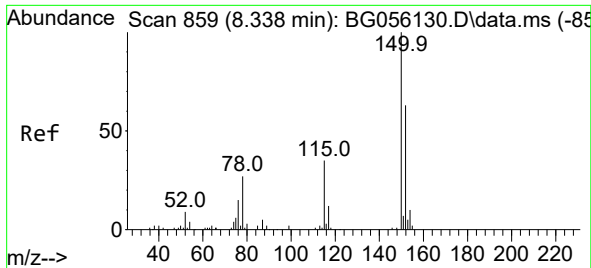
(#) = qualifier out of range (m) = manual integration (+) = signals summed

## Manual Integrations

Reviewed By :Jagrut Upadhyay    01/03/2023  
Supervised By :Yogesh Patel    01/03/2023

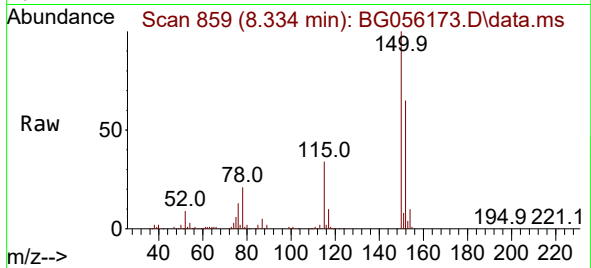
Quant Time: Dec 31 00:18:21 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 28 05:20:14 2022  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.334 min Scan# 859  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

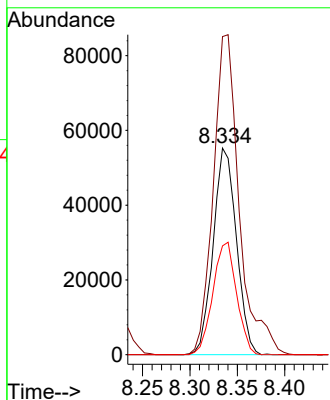
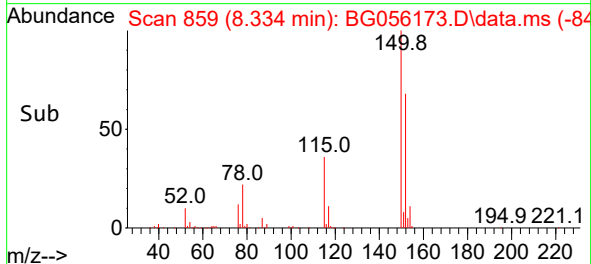
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS



Tgt Ion: 152 Resp: 94320  
Ion Ratio Lower Upper  
152 100  
150 154.0 127.9 191.9  
115 52.7 44.2 66.2

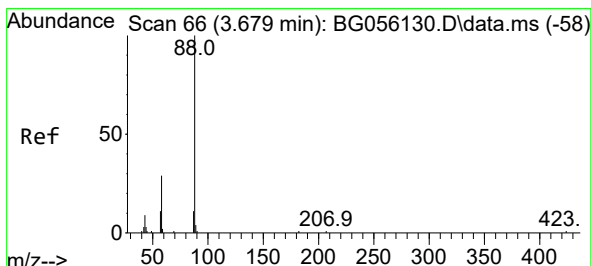
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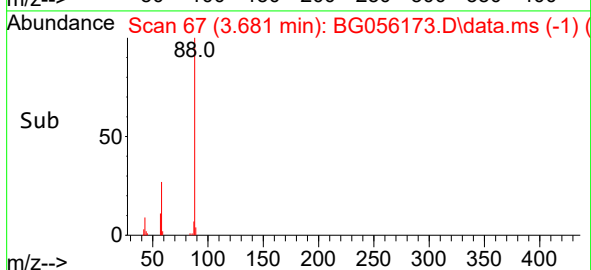
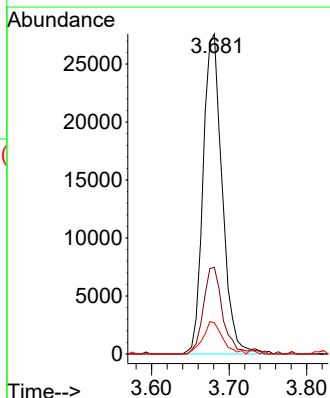
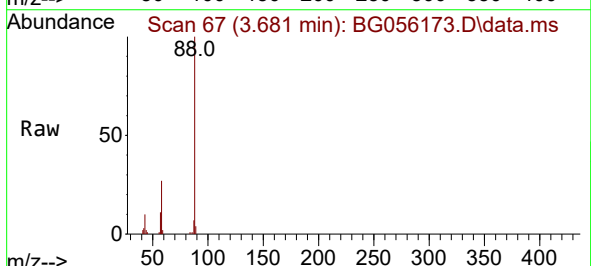
01/03/2023  
Supervised By :Yogesh  
Patel

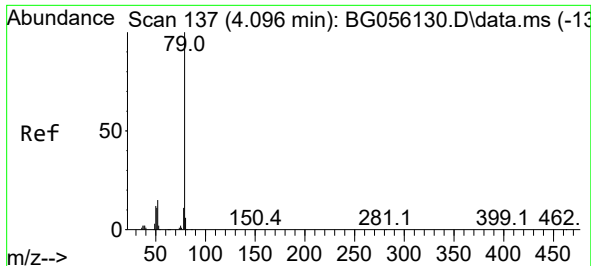
01/03/2023



#2  
1,4-Dioxane  
Concen: 19.541 ng  
RT: 3.681 min Scan# 67  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion: 88 Resp: 47150  
Ion Ratio Lower Upper  
88 100  
58 27.7 21.4 32.0  
43 10.4 7.1 10.7





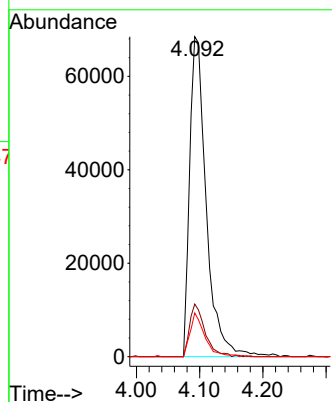
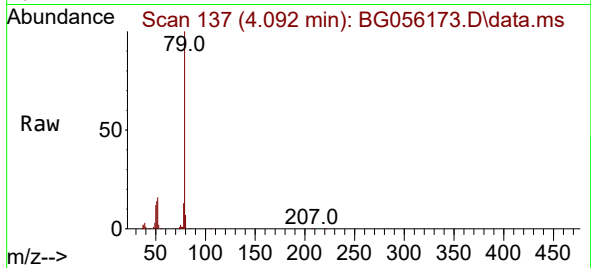
#3  
Pyridine  
Concen: 17.056 ng  
RT: 4.092 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

Tgt Ion: 79 Resp: 12534  
Ion Ratio Lower Upper  
79 100  
52 16.5 11.8 17.6  
51 13.7 8.8 13.2

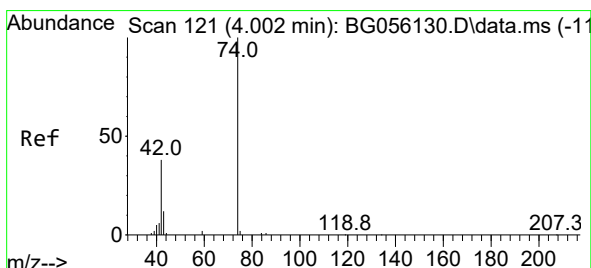
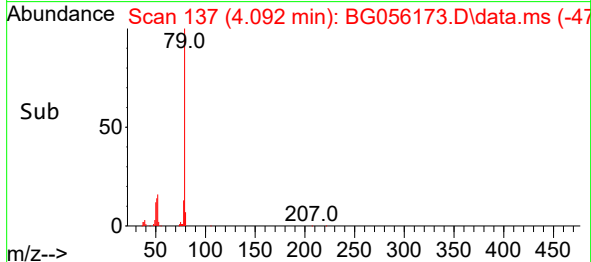
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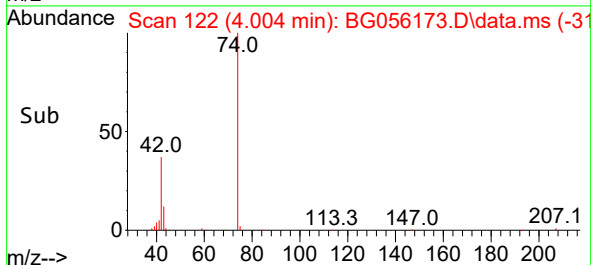
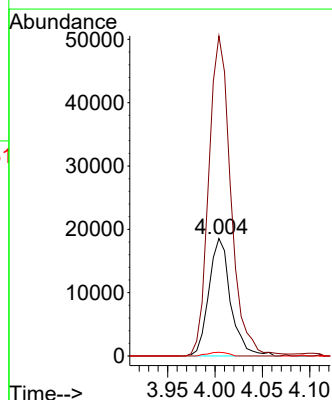
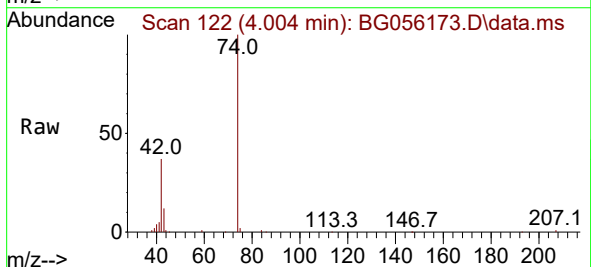
01/03/2023  
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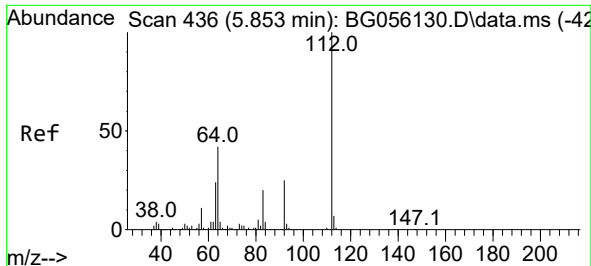
01/03/2023



#4  
n-Nitrosodimethylamine  
Concen: 19.788 ng  
RT: 4.004 min Scan# 122  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion: 42 Resp: 29582  
Ion Ratio Lower Upper  
42 100  
74 272.3 212.6 319.0  
44 3.1 2.6 3.8





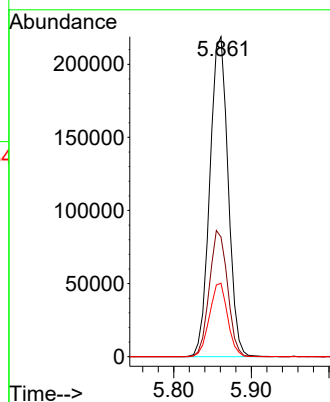
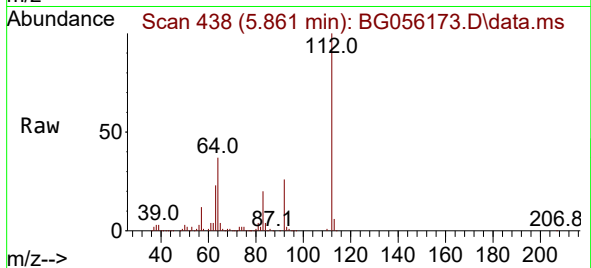
#5  
2-Fluorophenol  
Concen: 67.724 ng  
RT: 5.861 min Scan# 436  
Delta R.T. 0.008 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

Tgt Ion:112 Resp: 357754  
Ion Ratio Lower Upper  
112 100  
64 37.4 33.3 49.9  
63 23.0 19.0 28.4

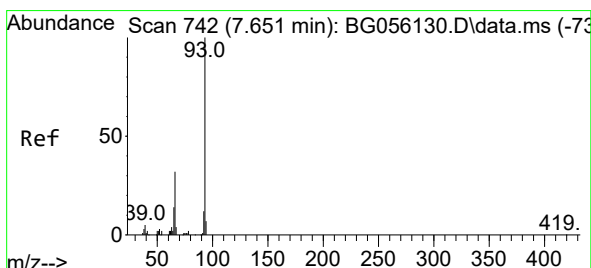
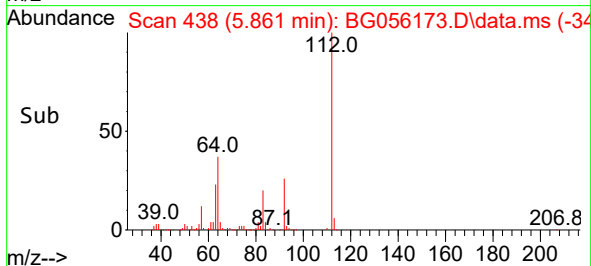
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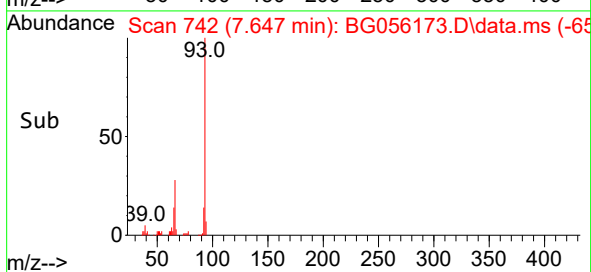
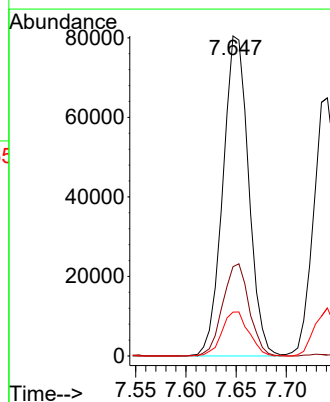
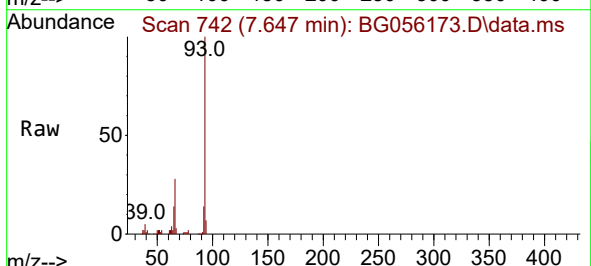
01/03/2023  
Supervised By :Yogesh  
Patel

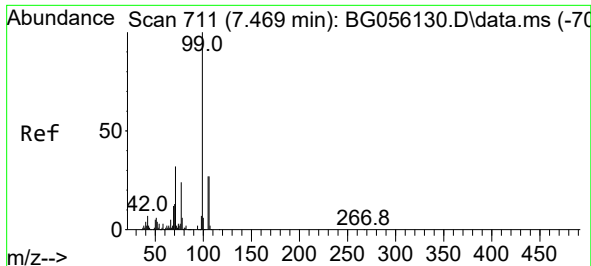
01/03/2023



#6  
Aniline  
Concen: 13.506 ng  
RT: 7.647 min Scan# 742  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion: 93 Resp: 143689  
Ion Ratio Lower Upper  
93 100  
66 27.9 25.4 38.2  
65 13.7 11.4 17.2





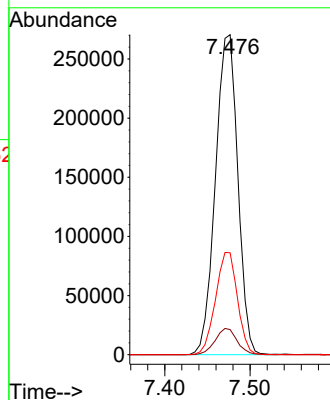
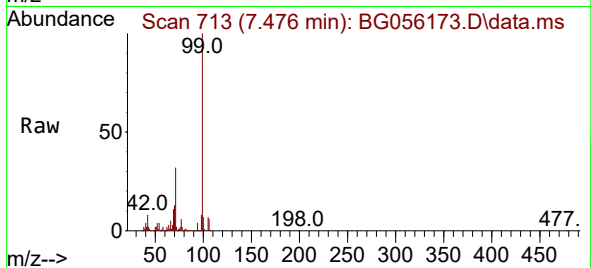
#7  
Phenol-d6  
Concen: 60.788 ng  
RT: 7.476 min Scan# 711  
Delta R.T. 0.008 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

Tgt Ion: 99 Resp: 493140  
Ion Ratio Lower Upper  
99 100  
42 7.9 5.9 8.9  
71 31.8 25.4 38.2

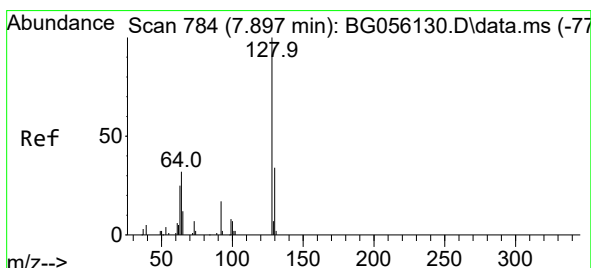
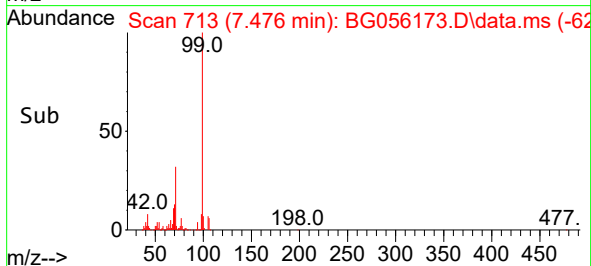
Manual Integrations  
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Reviewed By :Jagrut Upadhyay 01/03/2023  
Supervised By :Yogesh Patel 01/03/2023



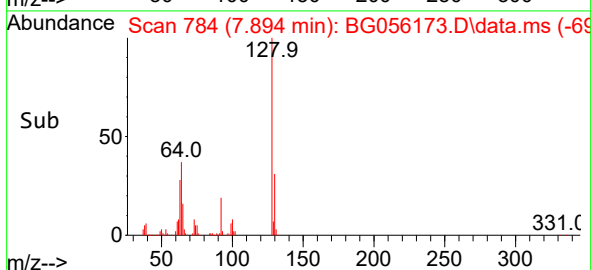
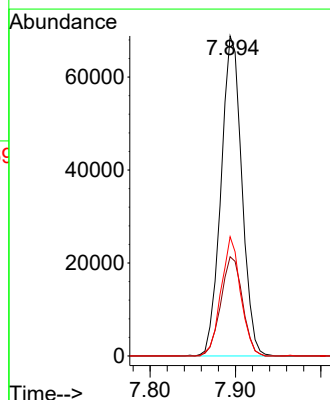
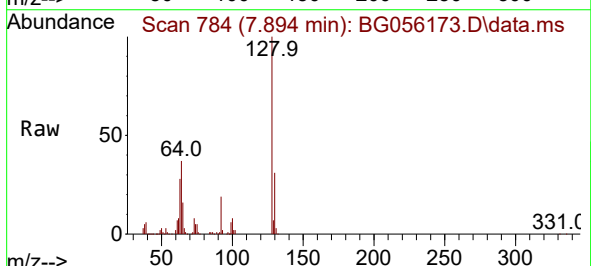
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Supervised By :Yogesh  
Patel

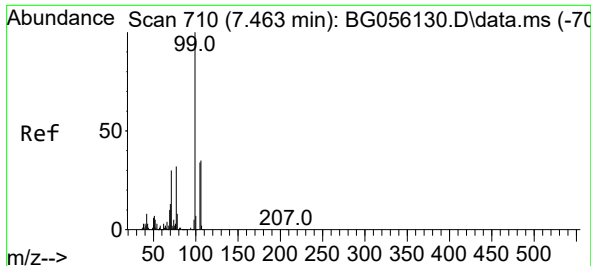
01/03/2023



#8  
2-Chlorophenol  
Concen: 22.244 ng  
RT: 7.894 min Scan# 784  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion:128 Resp: 116928  
Ion Ratio Lower Upper  
128 100  
130 31.0 13.5 53.5  
64 37.3 18.0 58.0





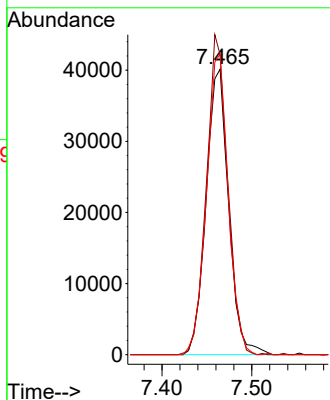
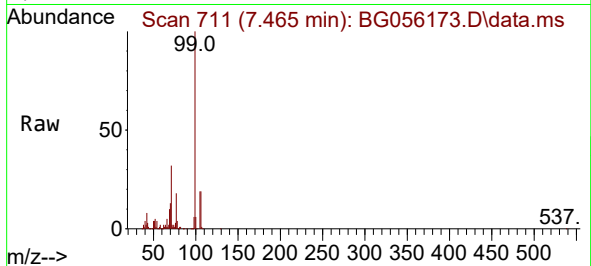
#9  
Benzaldehyde  
Concen: 14.467 ng  
RT: 7.465 min Scan# 710  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

Tgt Ion: 77 Resp: 69780  
Ion Ratio Lower Upper  
77 100  
105 105.0 86.8 126.8  
106 105.3 89.3 129.3

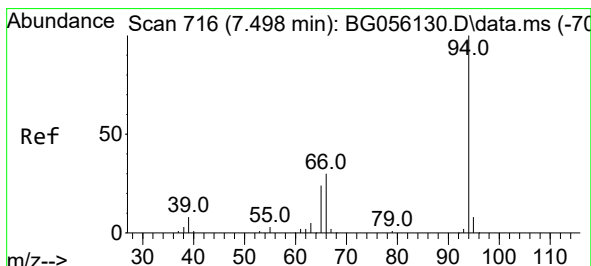
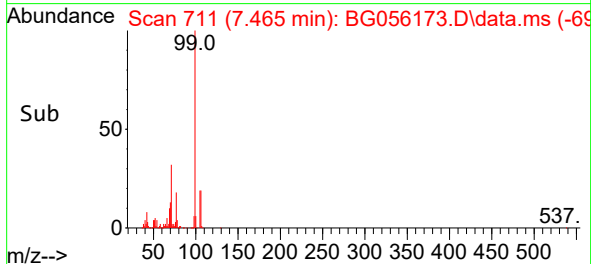
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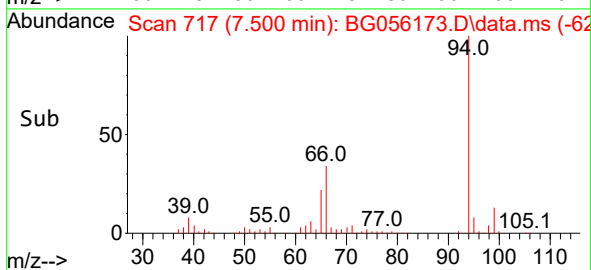
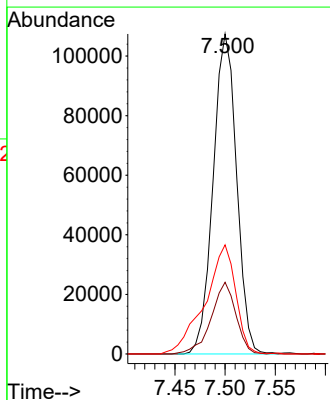
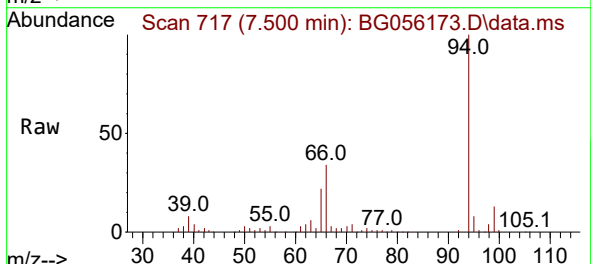
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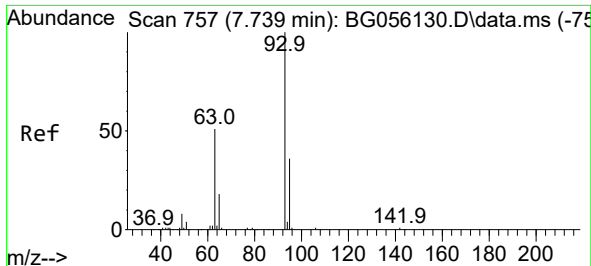
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#10  
Phenol  
Concen: 21.240 ng  
RT: 7.500 min Scan# 717  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

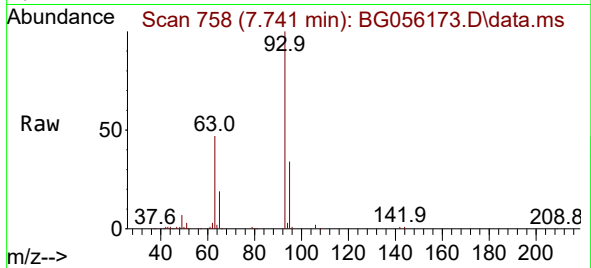
Tgt Ion: 94 Resp: 174749  
Ion Ratio Lower Upper  
94 100  
65 22.4 4.3 44.3  
66 34.1 13.2 53.2





#11  
bis(2-Chloroethyl)ether  
Concen: 19.040 ng  
RT: 7.741 min Scan# 757  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

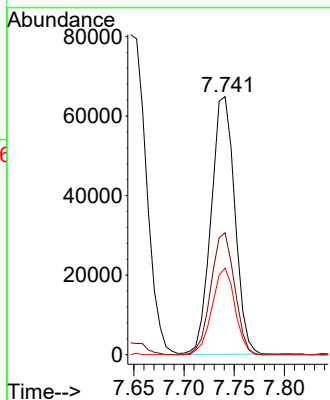
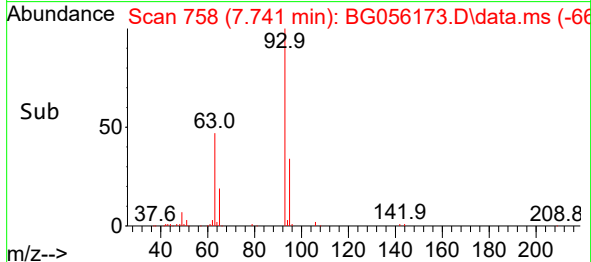
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS



Tgt Ion: 93 Resp: 106150  
Ion Ratio Lower Upper  
93 100  
63 47.3 30.5 70.5  
95 33.6 15.9 55.9

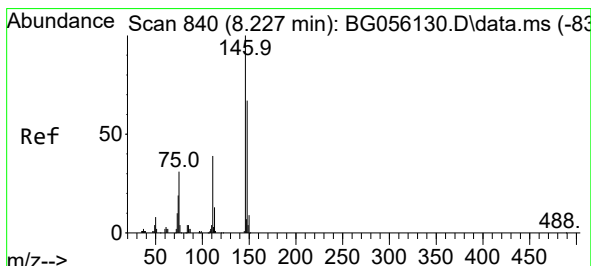
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Supervised By :Yogesh Patel 01/03/2023

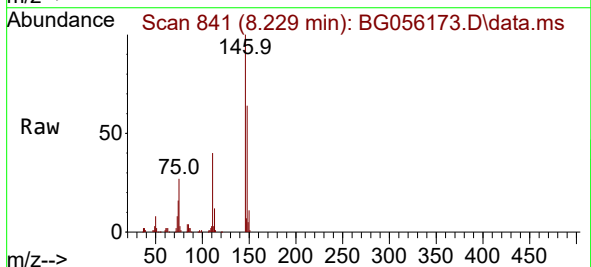


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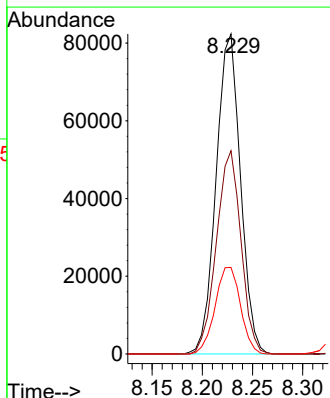
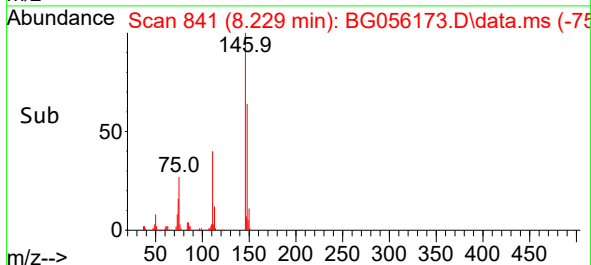
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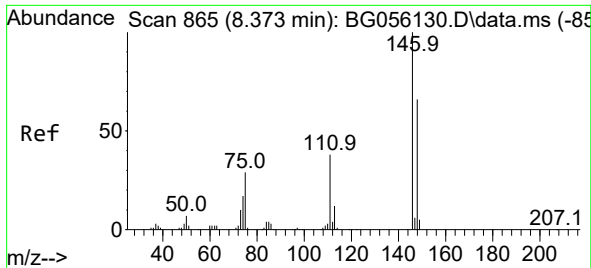


#12  
1,3-Dichlorobenzene  
Concen: 21.732 ng  
RT: 8.229 min Scan# 841  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32



Tgt Ion:146 Resp: 139038  
Ion Ratio Lower Upper  
146 100  
148 63.5 53.5 80.3  
75 27.0 24.8 37.2





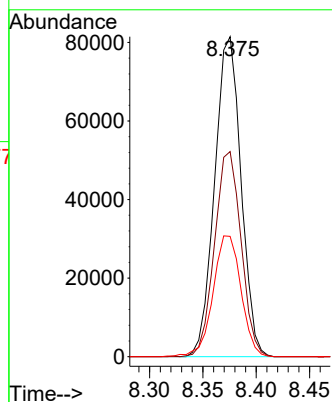
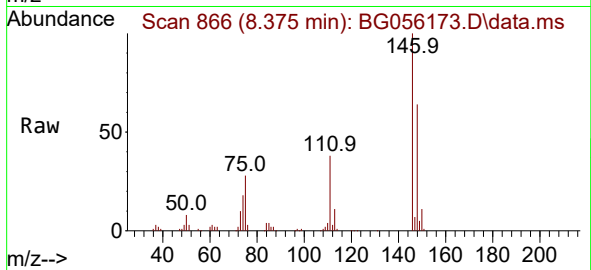
#13  
1,4-Dichlorobenzene  
Concen: 21.765 ng  
RT: 8.375 min Scan# 865  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

Tgt Ion:146 Resp: 139828  
Ion Ratio Lower Upper  
146 100  
148 64.1 52.8 79.2  
111 37.6 30.5 45.7

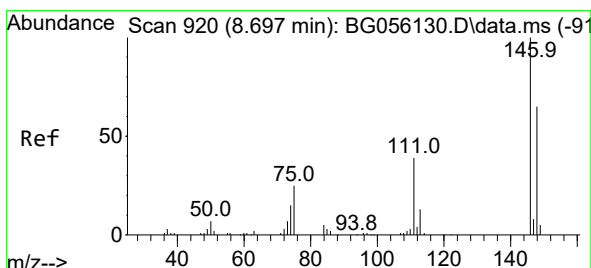
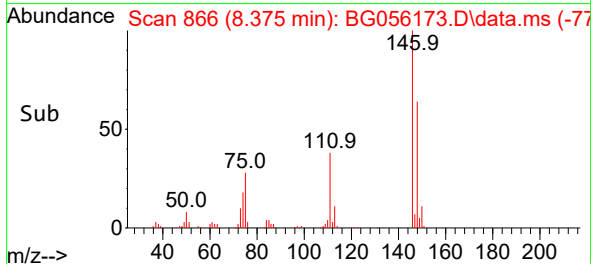
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Supervised By :Yogesh Patel 01/03/2023



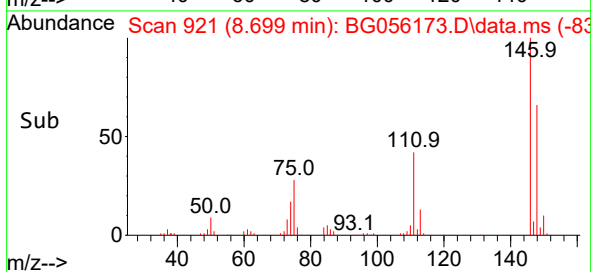
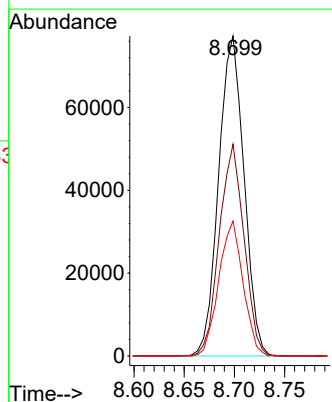
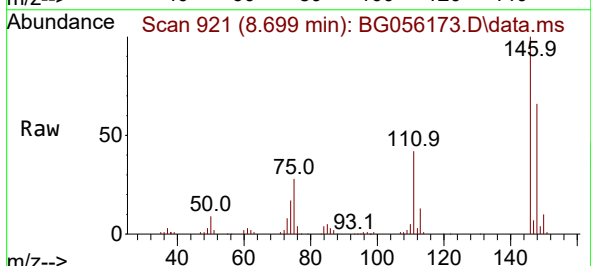
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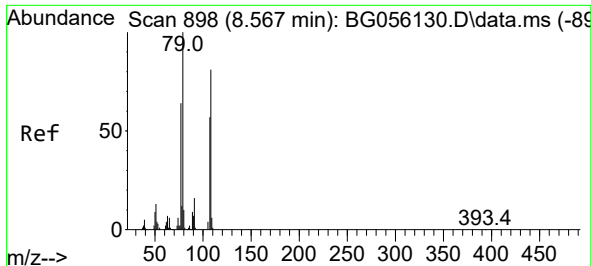
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#14  
1,2-Dichlorobenzene  
Concen: 21.879 ng  
RT: 8.699 min Scan# 921  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion:146 Resp: 135630  
Ion Ratio Lower Upper  
146 100  
148 66.2 51.7 77.5  
111 42.1 31.5 47.3





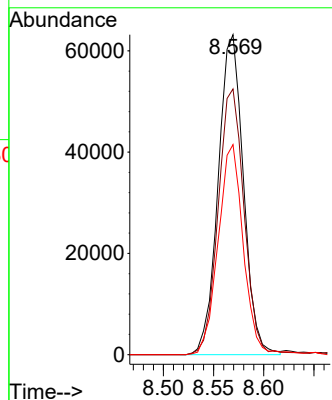
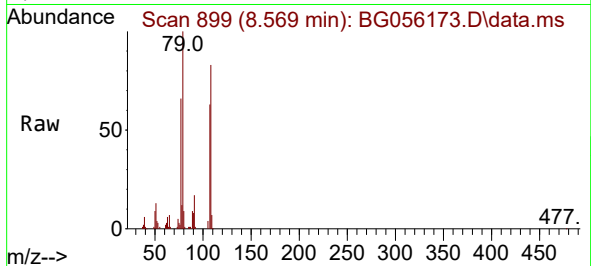
#15  
Benzyl Alcohol  
Concen: 18.669 ng  
RT: 8.569 min Scan# 898  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

Tgt Ion: 79 Resp: 11022  
Ion Ratio Lower Upper  
79 100  
108 83.1 64.7 97.1  
77 65.6 51.5 77.3

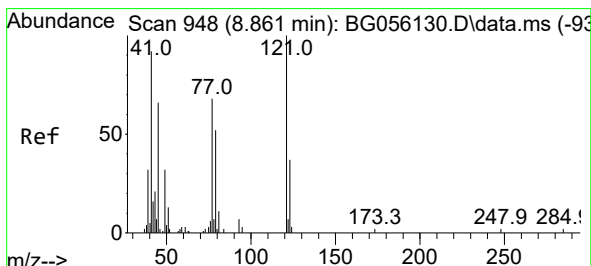
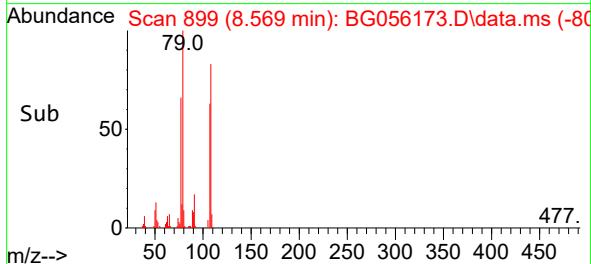
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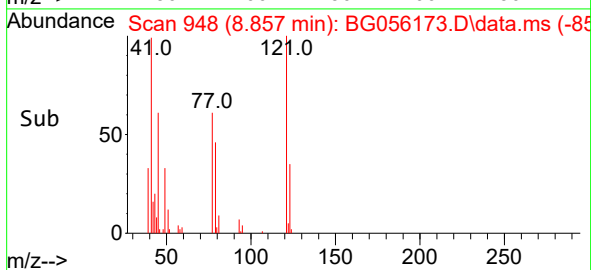
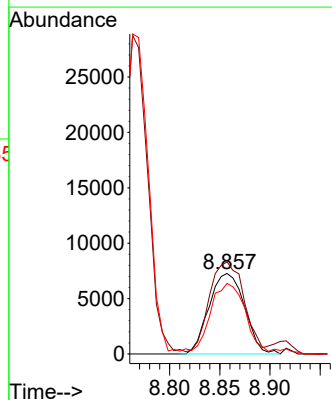
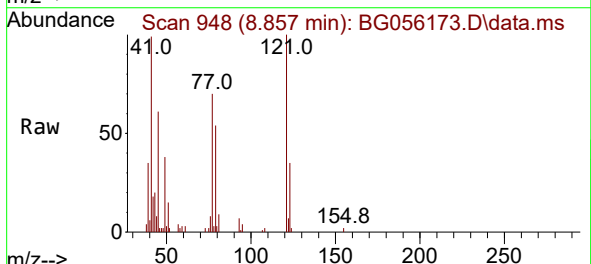
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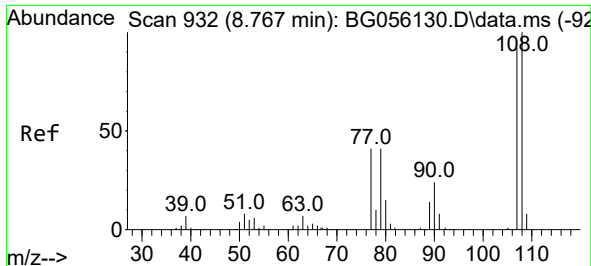
01/03/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 18.135 ng  
RT: 8.857 min Scan# 948  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

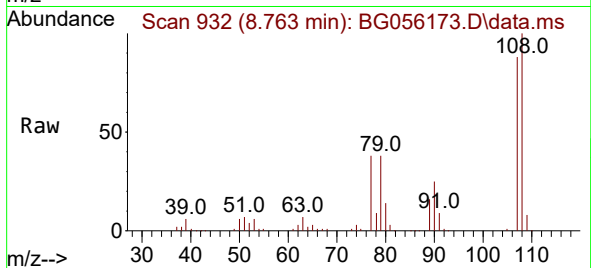
Tgt Ion: 45 Resp: 17867  
Ion Ratio Lower Upper  
45 100  
77 114.3 88.2 128.2  
79 92.5 61.2 101.2





#17  
2-Methylphenol  
Concen: 19.363 ng  
RT: 8.763 min Scan# 91  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

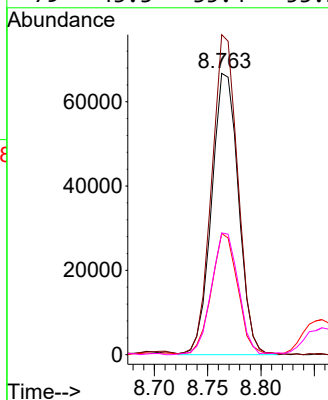
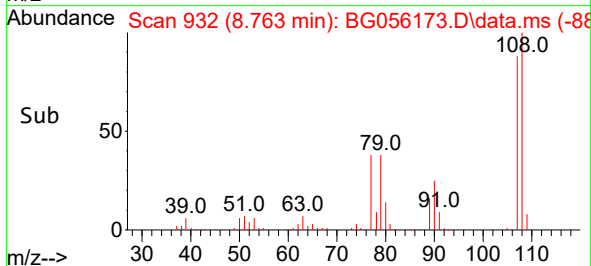
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 113.8 | 86.6  | 129.8 |
| 77      | 43.1  | 35.4  | 53.2  |
| 79      | 43.3  | 35.4  | 53.2  |

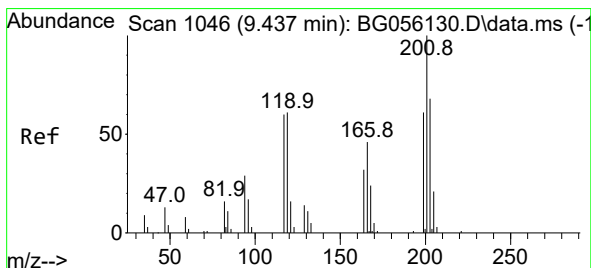
Manual Integrations  
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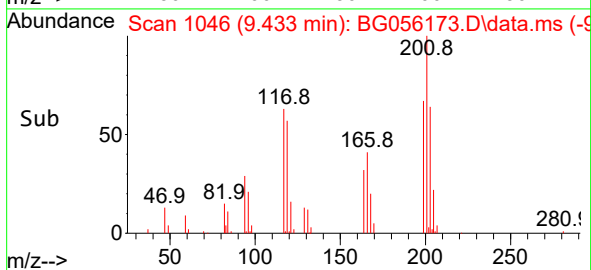
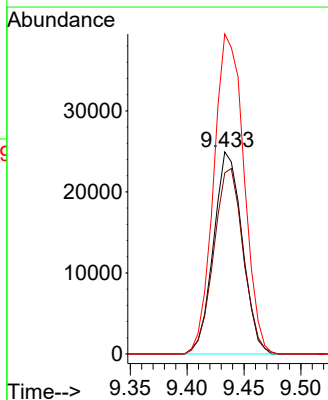
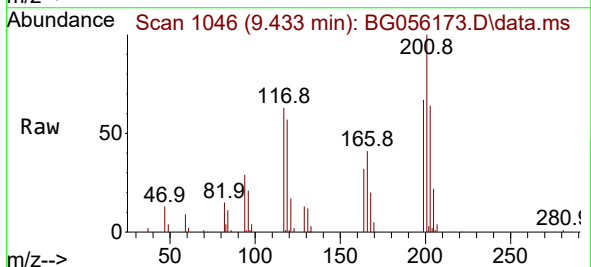
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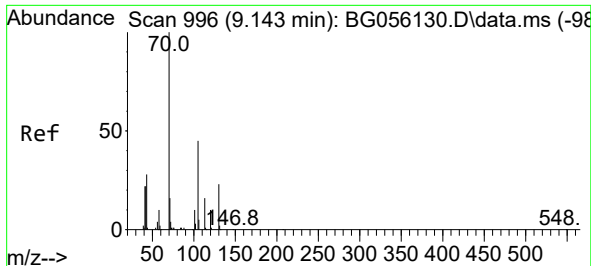
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#18  
Hexachloroethane  
Concen: 22.420 ng  
RT: 9.433 min Scan# 1046  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 87.7  | 81.8  | 122.6 |
| 201     | 155.0 | 134.2 | 201.2 |





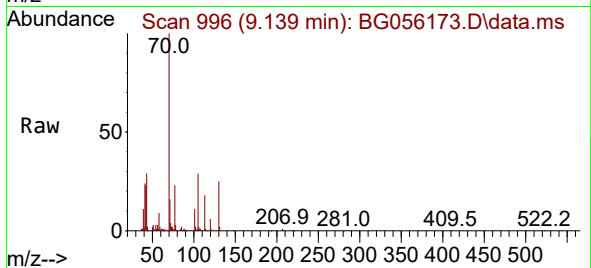
#19  
n-Nitroso-di-n-propylamine  
Concen: 17.158 ng  
RT: 9.139 min Scan# 996  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Instrument :

BNA\_G

ClientSampleId :

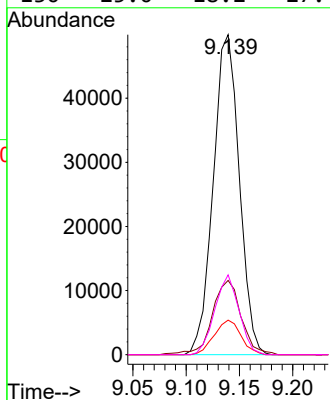
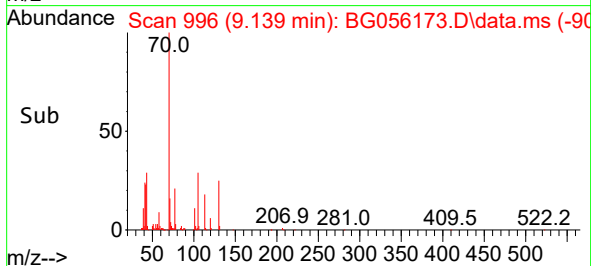
MM-4MS



| Tgt Ion:  | 70   | Resp: | 8464  |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 70        | 100  |       |       |
| 42        | 23.2 | 18.2  | 27.2  |
| 101       | 10.8 | 8.3   | 12.5  |
| 130       | 25.0 | 18.2  | 27.4  |

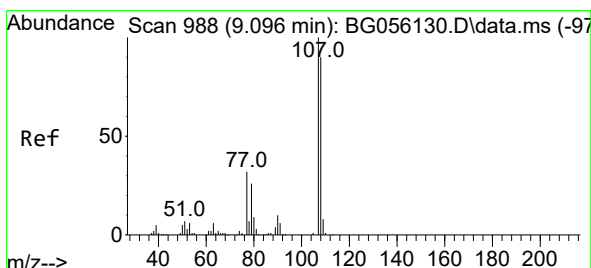
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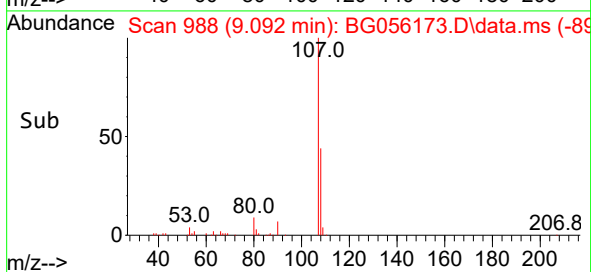
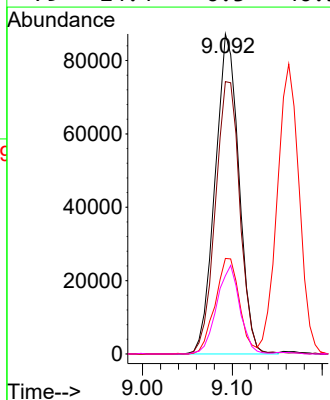
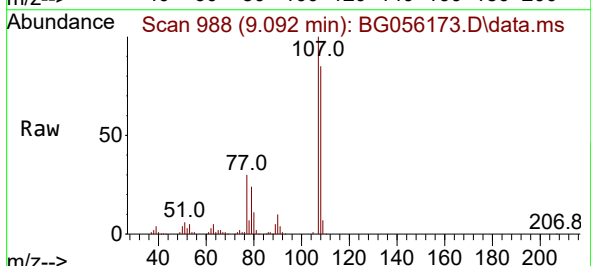
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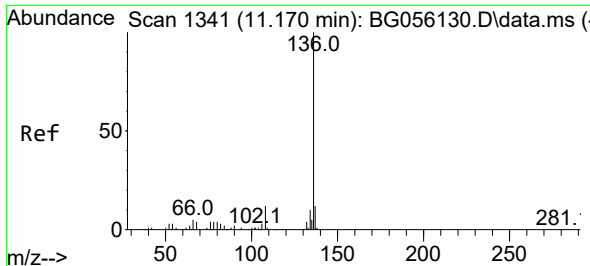
01/03/2023



#20  
3+4-Methylphenols  
Concen: 18.912 ng  
RT: 9.092 min Scan# 988  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

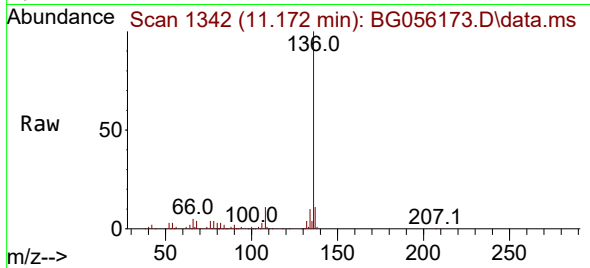
| Tgt Ion:  | 107  | Resp: | 160515 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 107       | 100  |       |        |
| 108       | 85.1 | 69.6  | 109.6  |
| 77        | 29.9 | 11.7  | 51.7   |
| 79        | 24.4 | 6.3   | 46.3   |





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.172 min Scan# 11  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

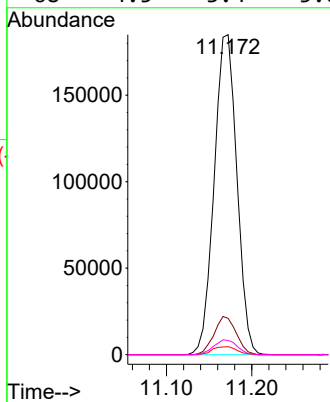
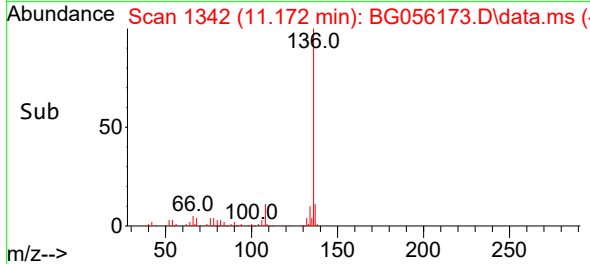
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS



Tgt Ion:136 Resp: 341760  
Ion Ratio Lower Upper  
136 100  
137 11.4 9.4 14.0  
54 2.5 2.2 3.2  
68 4.5 3.4 5.0

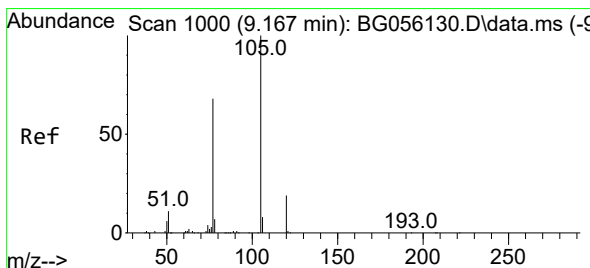
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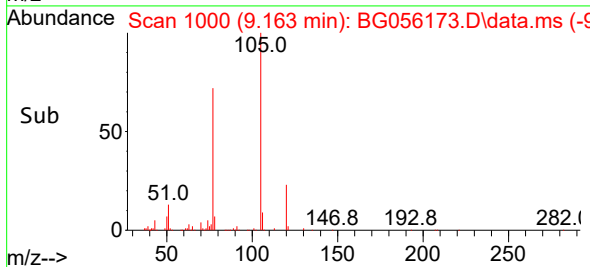
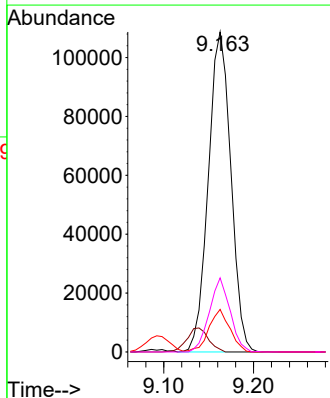
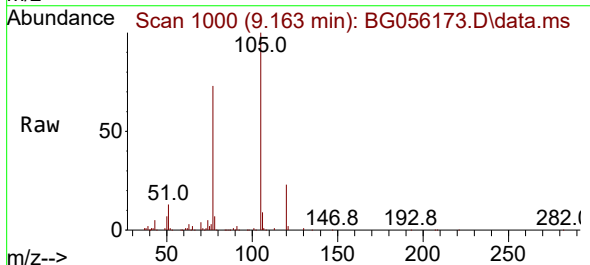
01/03/2023  
Supervised By :Yogesh  
Patel

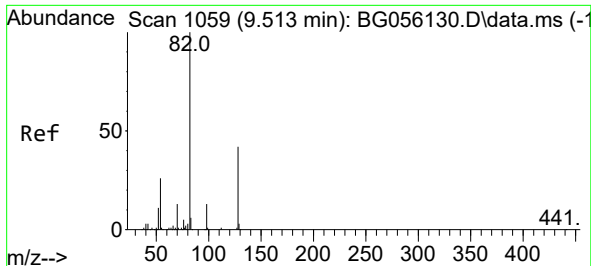
01/03/2023



#22  
Acetophenone  
Concen: 19.598 ng  
RT: 9.163 min Scan# 1000  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion:105 Resp: 189384  
Ion Ratio Lower Upper  
105 100  
71 0.8 0.5 0.7#  
51 13.3 9.3 13.9  
120 23.2 15.5 23.3





#23

Nitrobenzene-d5

Concen: 38.550 ng

RT: 9.509 min Scan# 1059

Delta R.T. -0.004 min

Lab File: BG056173.D

Acq: 30 Dec 2022 16:32

Instrument :

BNA\_G

ClientSampleId :

MM-4MS

Tgt Ion: 82 Resp: 257562

Ion Ratio Lower Upper

82 100

128 43.0 33.4 50.2

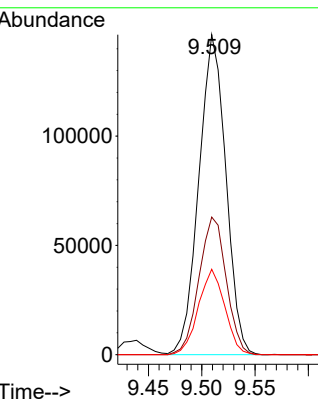
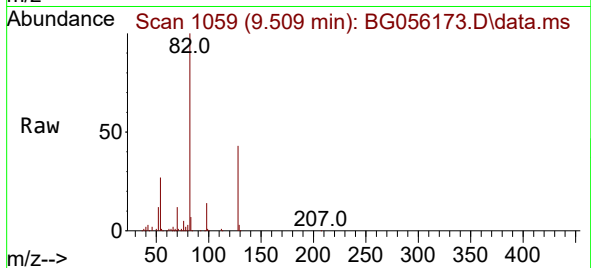
54 26.7 20.3 30.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/03/2023

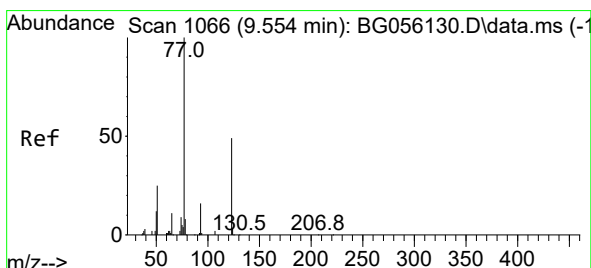
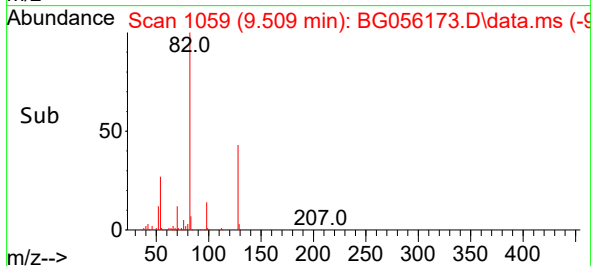
Supervised By :Yogesh Patel 01/03/2023



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Supervised By :Yogesh Patel

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#24

Nitrobenzene

Concen: 19.143 ng

RT: 9.556 min Scan# 1067

Delta R.T. 0.002 min

Lab File: BG056173.D

Acq: 30 Dec 2022 16:32

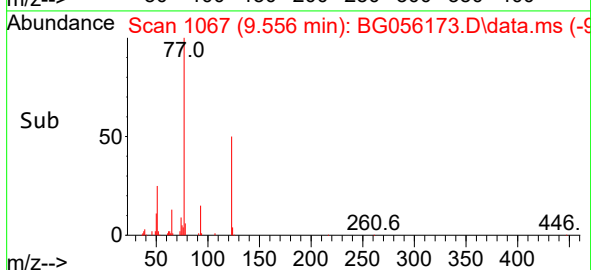
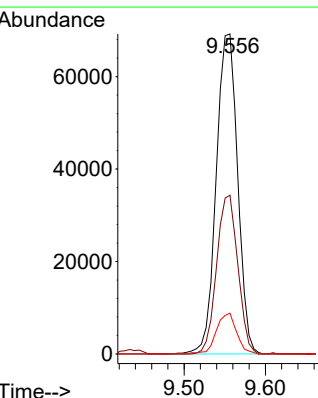
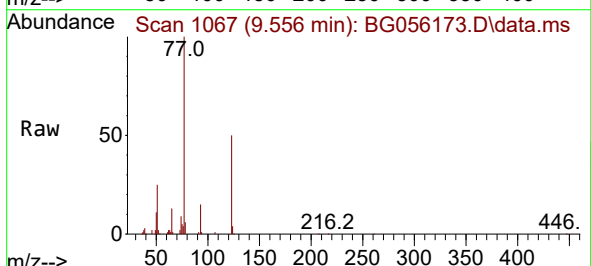
Tgt Ion: 77 Resp: 126753

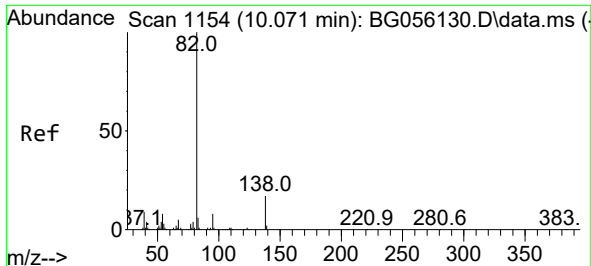
Ion Ratio Lower Upper

77 100

123 49.6 38.8 58.2

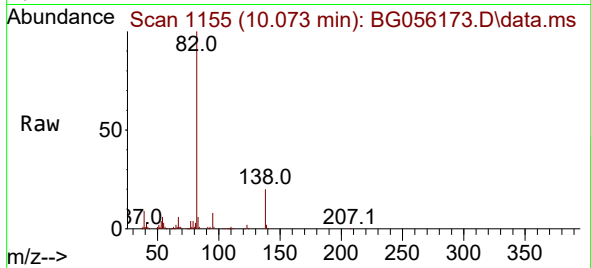
65 12.7 9.1 13.7





#25  
Isophorone  
Concen: 17.583 ng  
RT: 10.073 min Scan# 1154  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

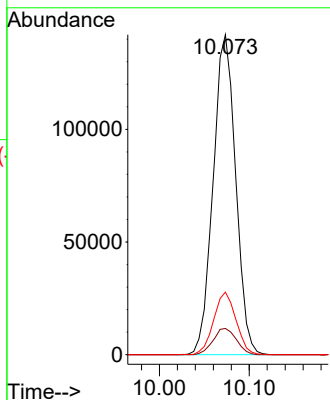
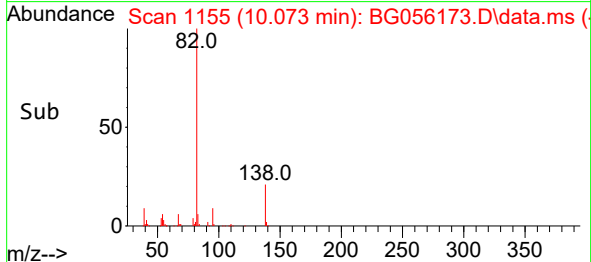
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS



Tgt Ion: 82 Resp: 247170  
Ion Ratio Lower Upper  
82 100  
95 8.2 6.7 10.1  
138 19.6 13.7 20.5

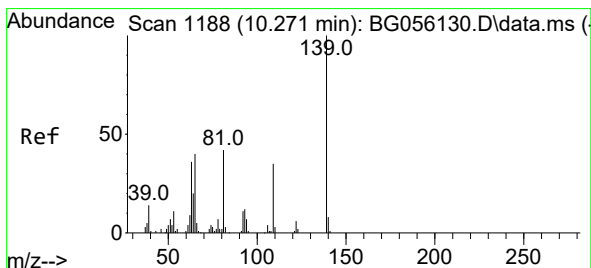
Manual Integrations  
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Reviewed By :Jagrut Upadhyay 01/03/2023  
Supervised By :Yogesh Patel 01/03/2023



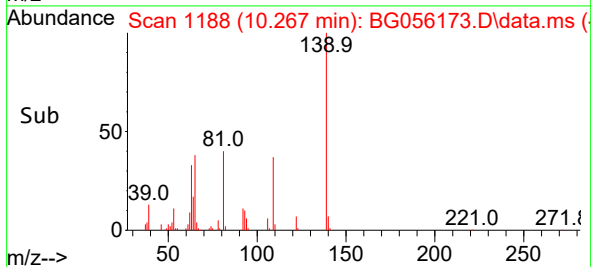
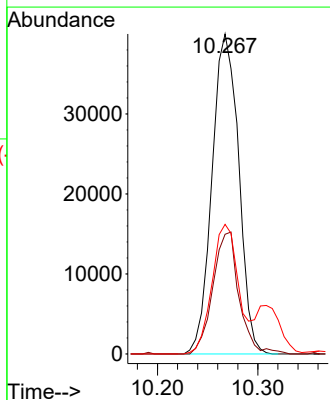
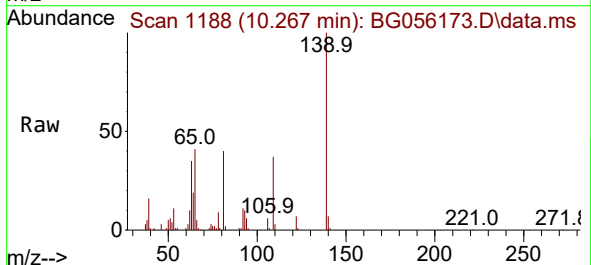
01/03/2023  
Supervised By :Yogesh  
Patel

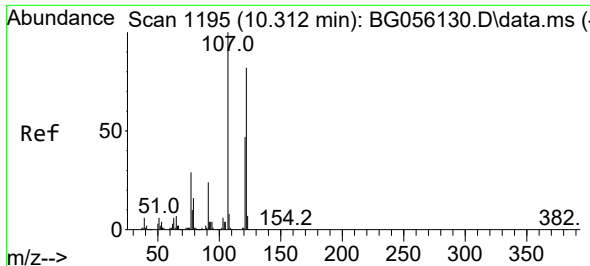
01/03/2023



#26  
2-Nitrophenol  
Concen: 21.782 ng  
RT: 10.267 min Scan# 1188  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion:139 Resp: 73793  
Ion Ratio Lower Upper  
139 100  
109 37.4 28.4 42.6  
65 40.5 32.1 48.1





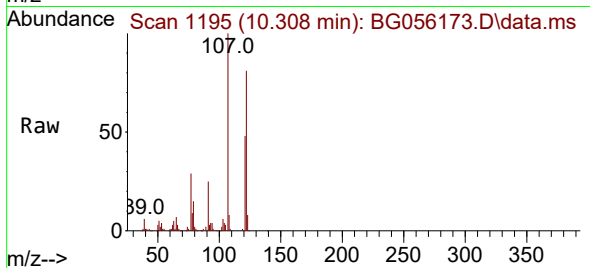
#27  
2,4-Dimethylphenol  
Concen: 21.321 ng  
RT: 10.308 min Scan# 1195  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Instrument :

BNA\_G

ClientSampleId :

MM-4MS

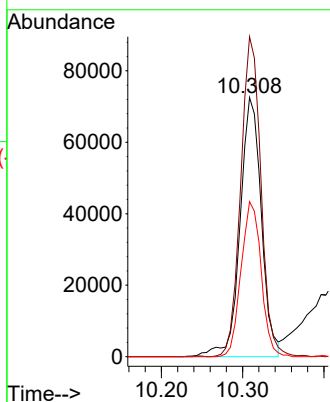
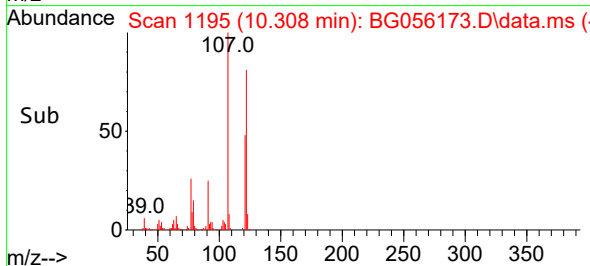


Tgt Ion:122 Resp: 131740  
Ion Ratio Lower Upper  
122 100  
107 123.5 97.5 146.3  
121 59.9 45.9 68.9

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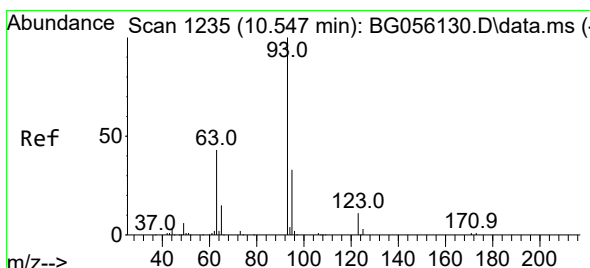
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Reviewed By :Jagrut Upadhyay 01/03/2023  
Supervised By :Yogesh Patel 01/03/2023



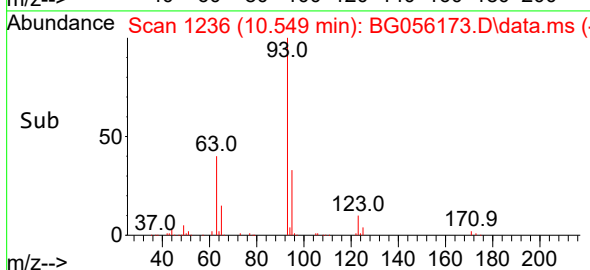
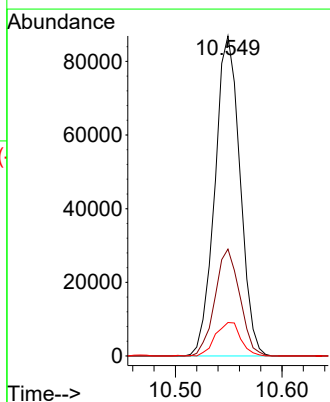
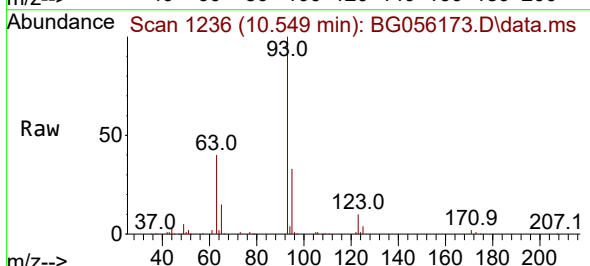
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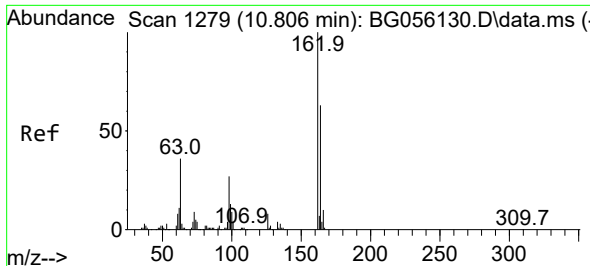
01/03/2023



#28  
bis(2-Chloroethoxy)methane  
Concen: 19.461 ng  
RT: 10.549 min Scan# 1236  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion: 93 Resp: 142191  
Ion Ratio Lower Upper  
93 100  
95 33.4 26.2 39.2  
123 10.5 9.0 13.6





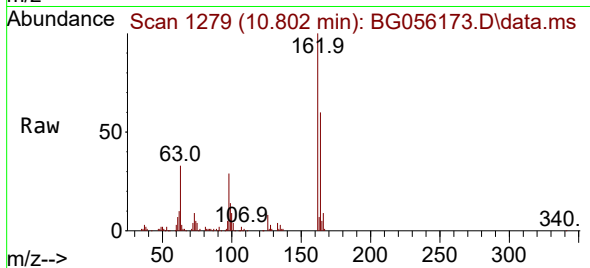
#29  
2,4-Dichlorophenol  
Concen: 22.222 ng  
RT: 10.802 min Scan# 1279  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Instrument :

BNA\_G

ClientSampleId :

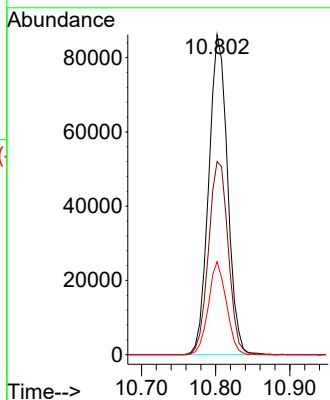
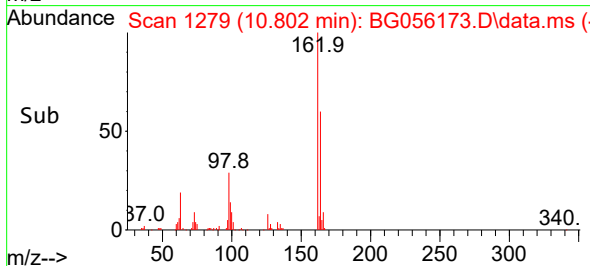
MM-4MS



Tgt Ion:162 Resp: 15180  
Ion Ratio Lower Upper  
162 100  
164 60.4 43.3 83.3  
98 29.0 6.8 46.8

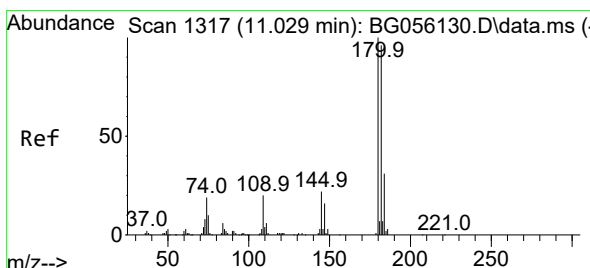
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Supervised By :Yogesh Patel 01/03/2023

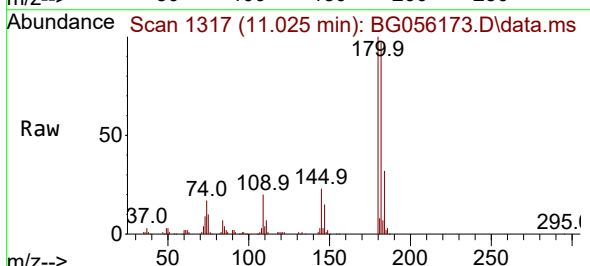


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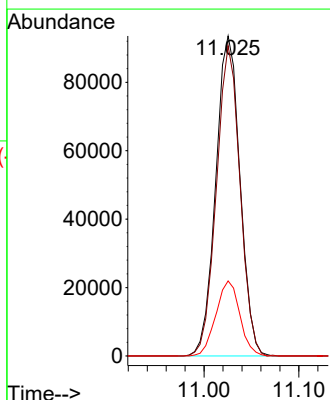
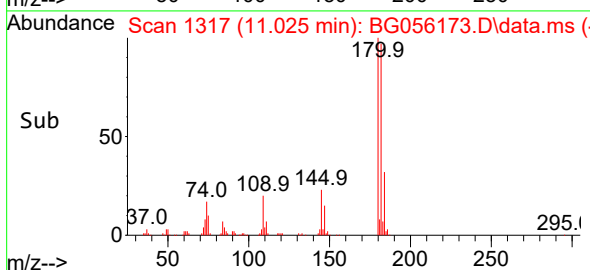
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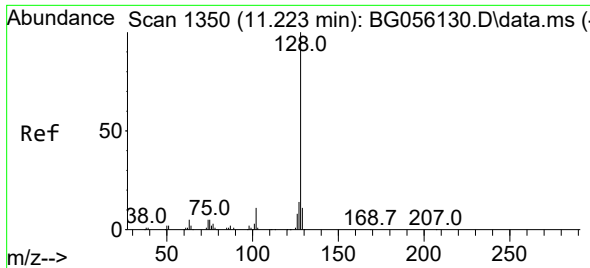


#30  
1,2,4-Trichlorobenzene  
Concen: 21.461 ng  
RT: 11.025 min Scan# 1317  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32



Tgt Ion:180 Resp: 166369  
Ion Ratio Lower Upper  
180 100  
182 97.0 77.0 115.4  
145 23.5 17.4 26.2





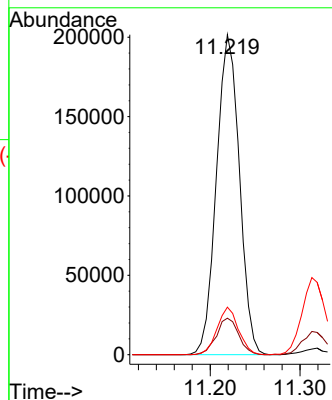
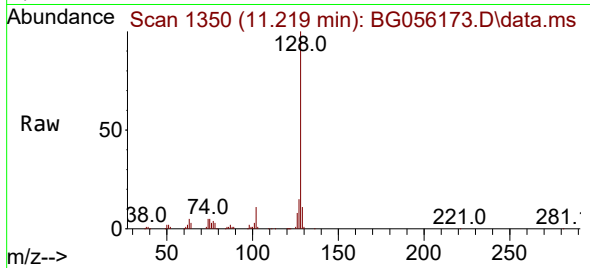
#31  
Naphthalene  
Concen: 19.889 ng  
RT: 11.219 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

Tgt Ion:128 Resp: 35773  
Ion Ratio Lower Upper  
128 100  
129 11.4 8.9 13.3  
127 14.8 11.2 16.8

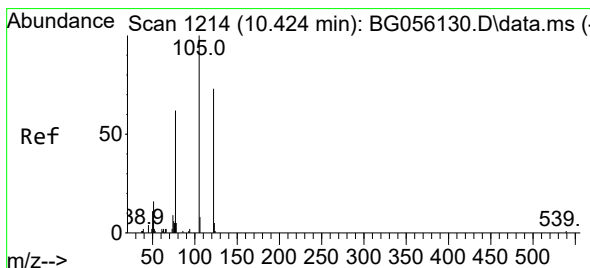
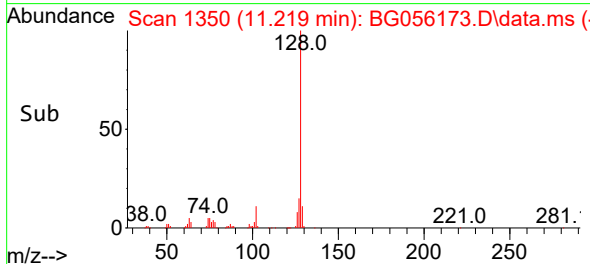
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Supervised By :Yogesh Patel 01/03/2023



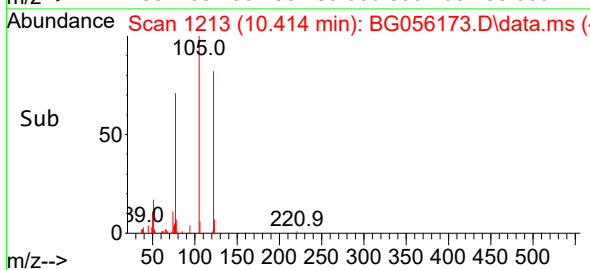
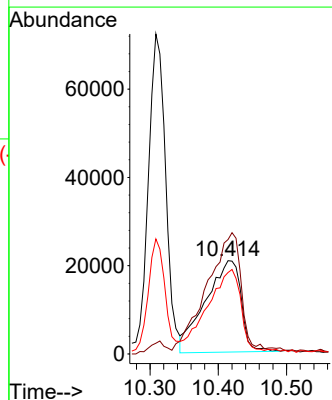
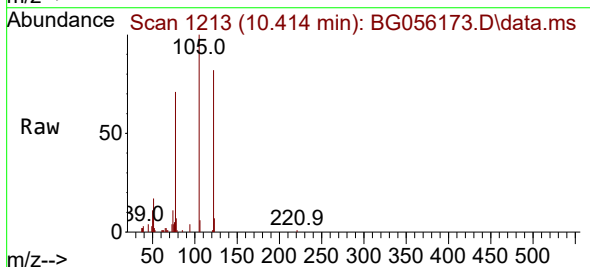
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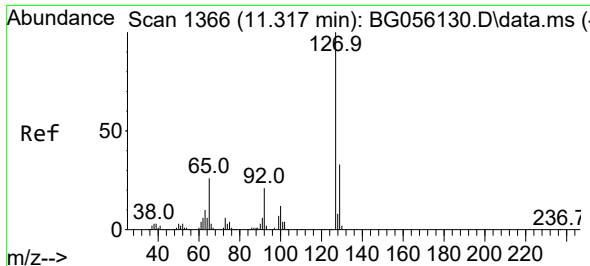
01/03/2023



#32  
Benzoic acid  
Concen: 16.400 ng  
RT: 10.414 min Scan# 1213  
Delta R.T. -0.010 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

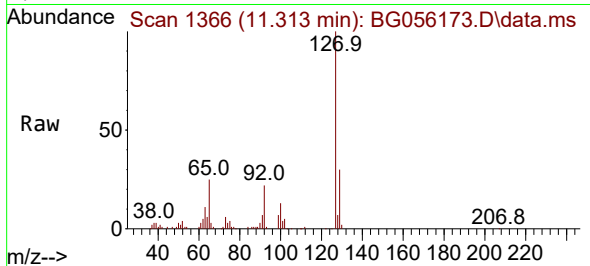
Tgt Ion:122 Resp: 75187  
Ion Ratio Lower Upper  
122 100  
105 122.6 109.0 149.0  
77 87.2 63.1 103.1





#33  
4-Chloroaniline  
Concen: 10.216 ng  
RT: 11.313 min Scan# 1366  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

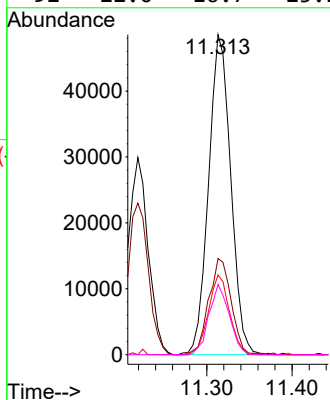
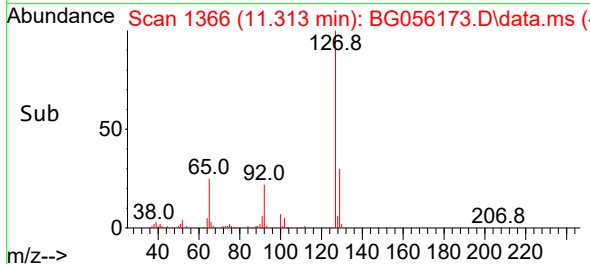
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 30.0  | 26.1  | 39.1  |
| 65      | 24.9  | 20.9  | 31.3  |
| 92      | 22.0  | 16.7  | 25.1  |

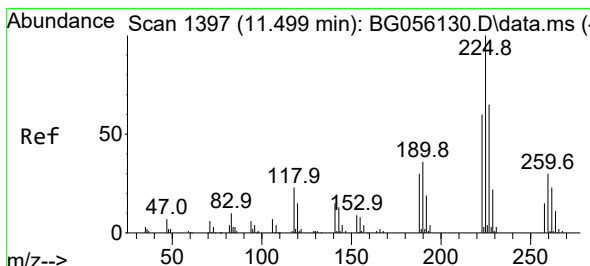
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Supervised By :Yogesh Patel 01/03/2023

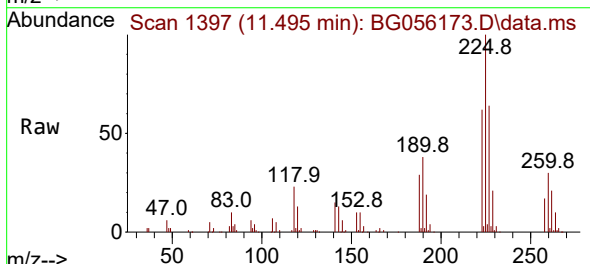


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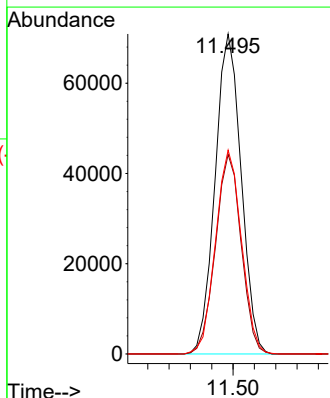
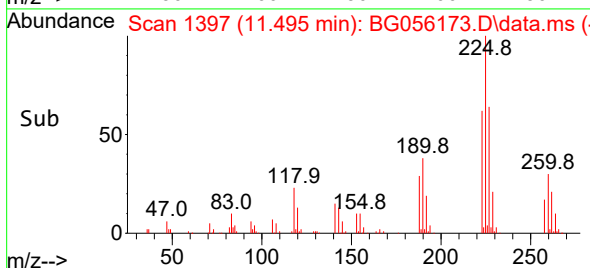
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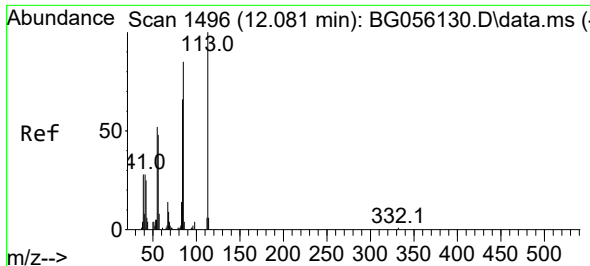


#34  
Hexachlorobutadiene  
Concen: 21.574 ng  
RT: 11.495 min Scan# 1397  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32



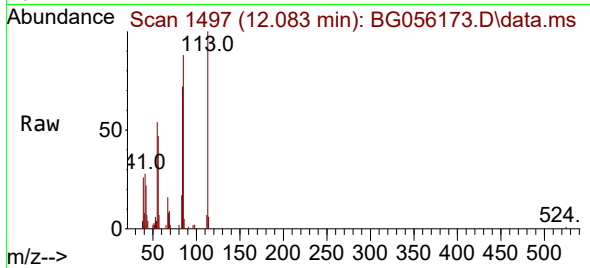
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 65.2  | 47.7  | 71.5  |
| 227     | 63.7  | 52.3  | 78.5  |





#35  
Caprolactam  
Concen: 18.859 ng m  
RT: 12.083 min Scan# 1496  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

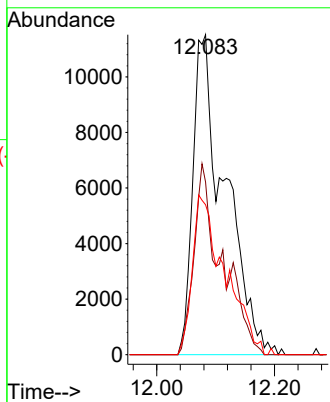
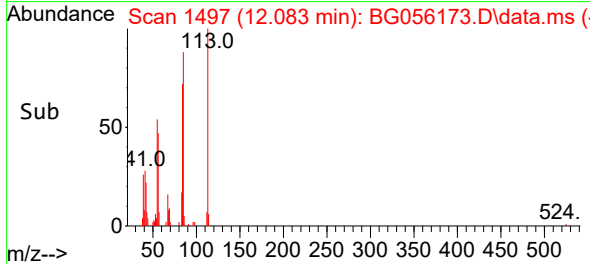
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS



Tgt Ion:113 Resp: 43618  
Ion Ratio Lower Upper  
113 100  
55 54.0 31.9 71.9  
56 46.9 27.6 67.6

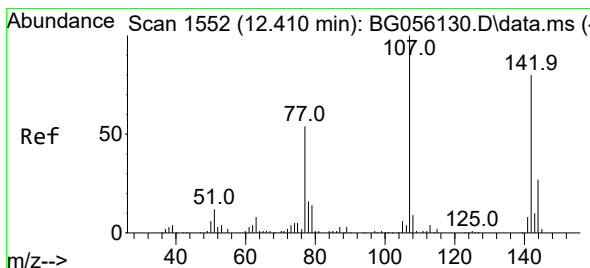
Manual Integrations  
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Supervised By :Yogesh Patel 01/03/2023

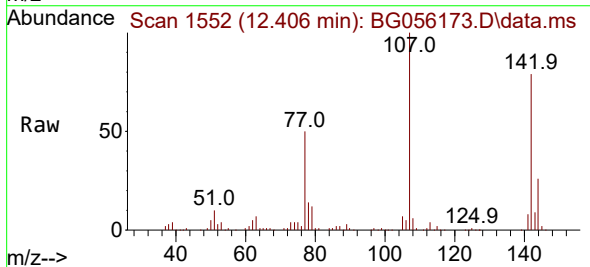


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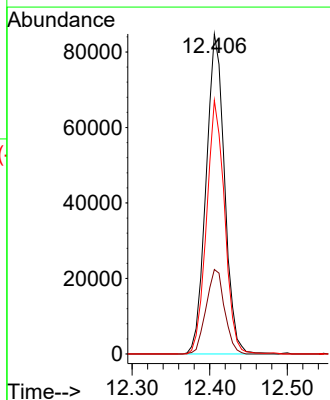
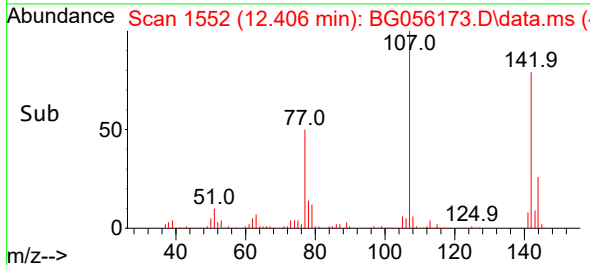
01/03/2023

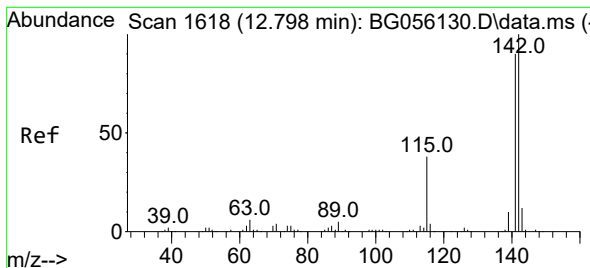


#36  
4-Chloro-3-methylphenol  
Concen: 20.256 ng  
RT: 12.406 min Scan# 1552  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32



Tgt Ion:107 Resp: 140409  
Ion Ratio Lower Upper  
107 100  
144 26.4 21.5 32.3  
142 79.2 63.8 95.6





#37  
2-Methylnaphthalene  
Concen: 18.711 ng  
RT: 12.800 min Scan# 1619  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Instrument :

BNA\_G

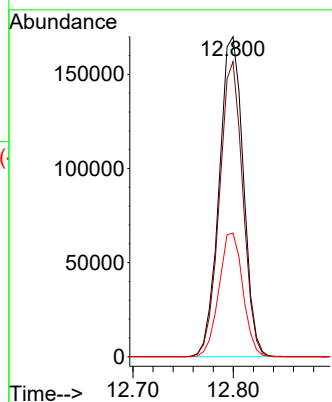
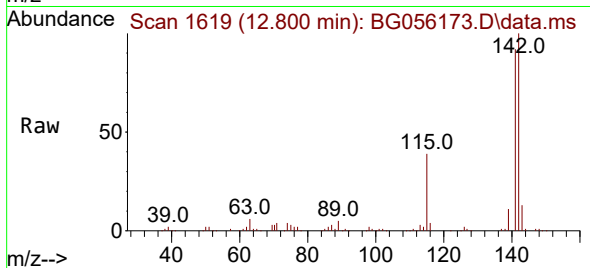
ClientSampleId :

MM-4MS

Tgt Ion:142 Resp: 28416  
Ion Ratio Lower Upper  
142 100  
141 92.2 72.2 108.4  
115 38.6 30.7 46.1

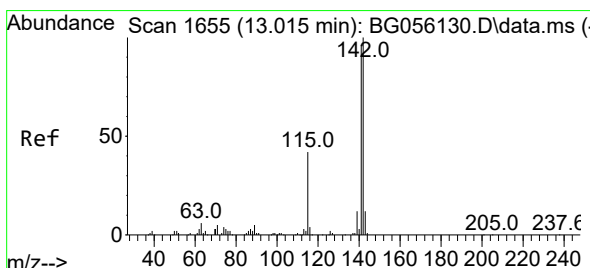
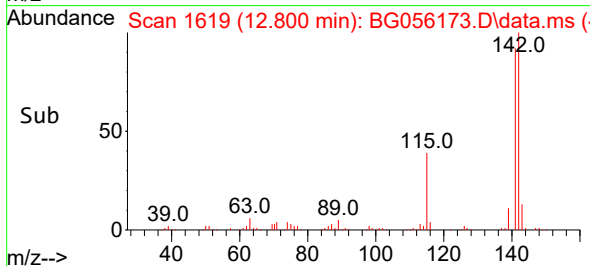
Manual Integrations  
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Supervised By :Yogesh Patel 01/03/2023



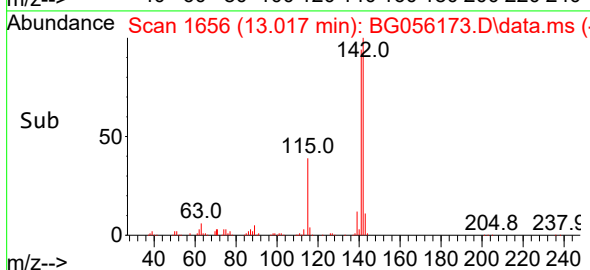
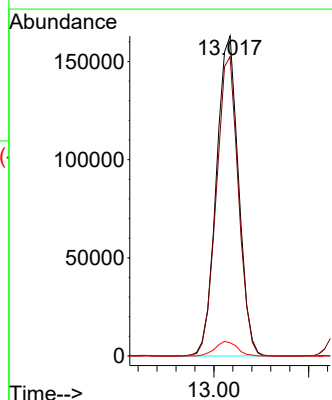
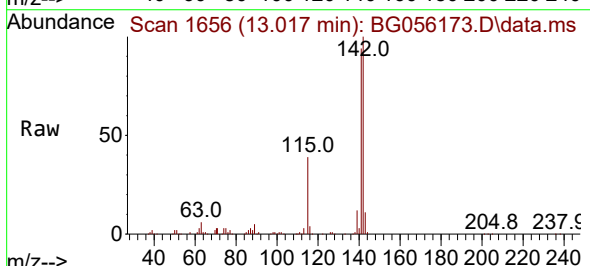
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Supervised By :Yogesh  
Patel

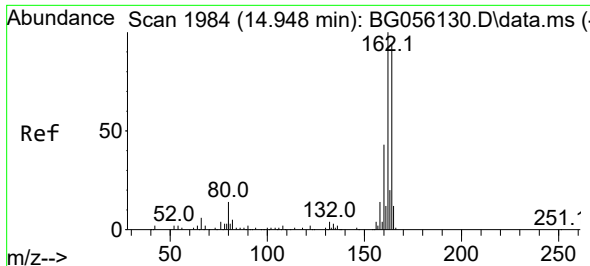
01/03/2023



#38  
1-Methylnaphthalene  
Concen: 18.722 ng  
RT: 13.017 min Scan# 1656  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

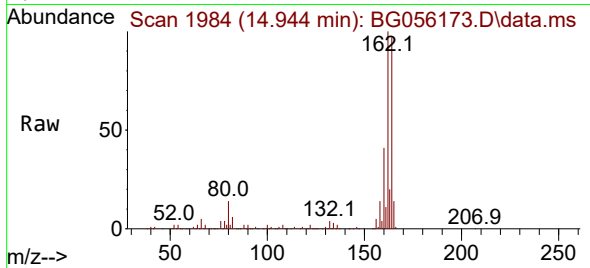
Tgt Ion:142 Resp: 264030  
Ion Ratio Lower Upper  
142 100  
141 93.6 77.0 115.6  
116 4.1 3.6 5.4





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.944 min Scan# 1984  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

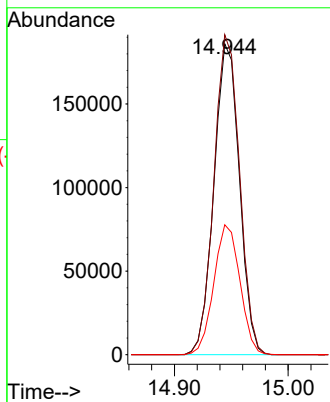
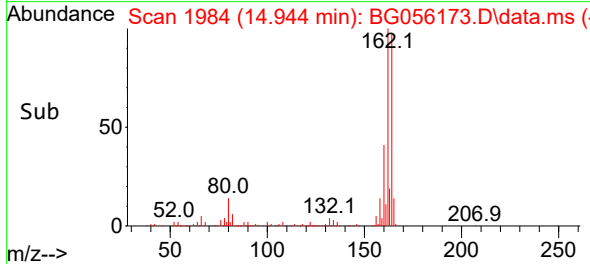
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS



Tgt Ion:164 Resp: 289092  
Ion Ratio Lower Upper  
164 100  
162 102.9 84.7 127.1  
160 41.8 36.3 54.5

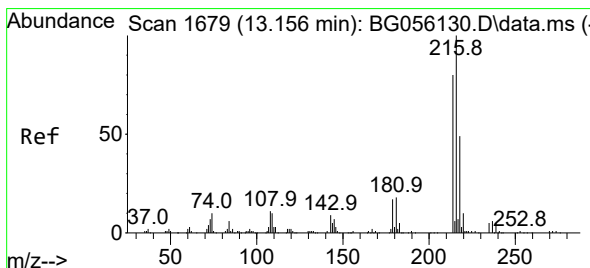
Manual Integrations  
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Reviewed By :Jagrut Upadhyay 01/03/2023  
Supervised By :Yogesh Patel 01/03/2023

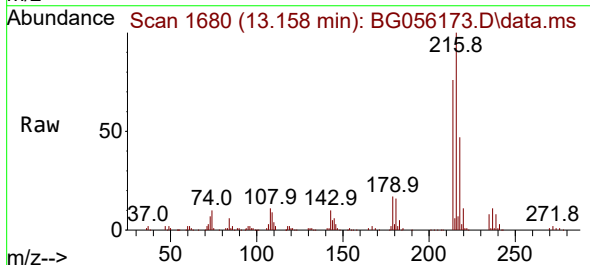


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Supervised By :Yogesh  
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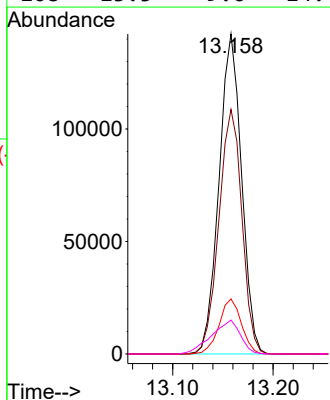
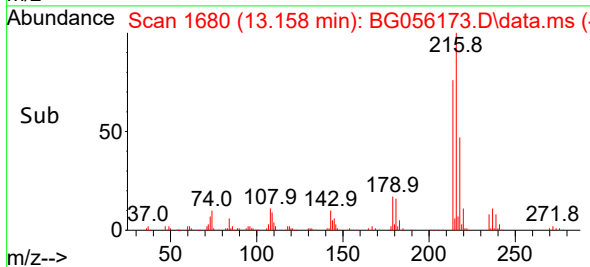
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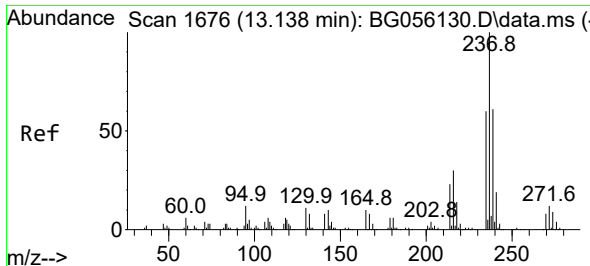


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 20.465 ng  
RT: 13.158 min Scan# 1680  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32



Tgt Ion:216 Resp: 221743  
Ion Ratio Lower Upper  
216 100  
214 77.9 63.4 95.0  
179 17.0 13.6 20.4  
108 13.5 9.6 14.4





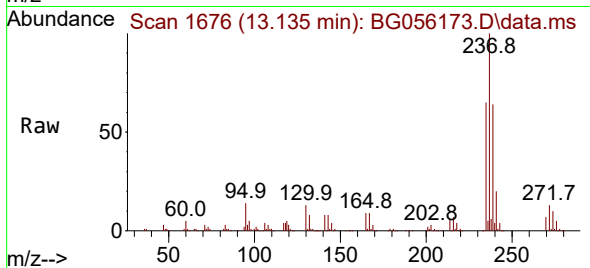
#41  
Hexachlorocyclopentadiene  
Concen: 50.686 ng  
RT: 13.135 min Scan# 1  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Instrument :

BNA\_G

ClientSampleId :

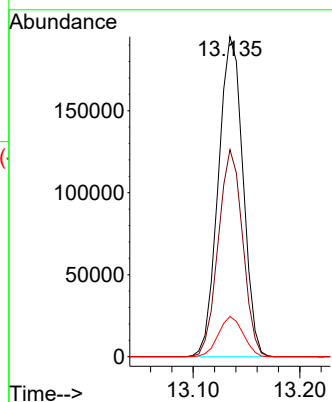
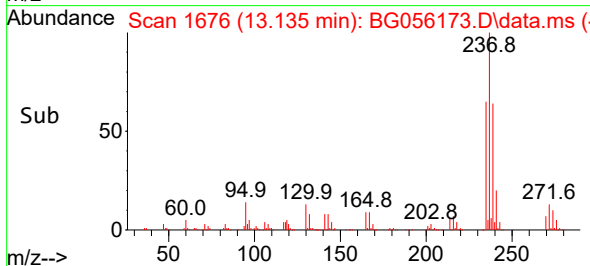
MM-4MS



Tgt Ion:237 Resp: 31310  
Ion Ratio Lower Upper  
237 100  
235 64.7 40.3 80.3  
272 12.5 0.0 32.5

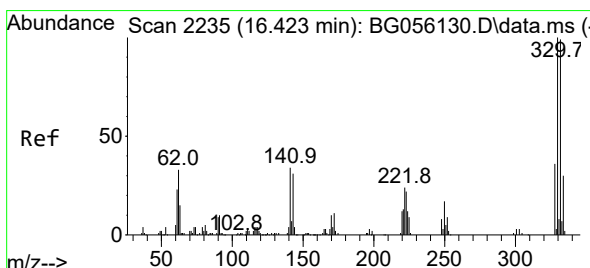
Manual Integrations  
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Reviewed By :Jagrut Upadhyay 01/03/2023  
Supervised By :Yogesh Patel 01/03/2023

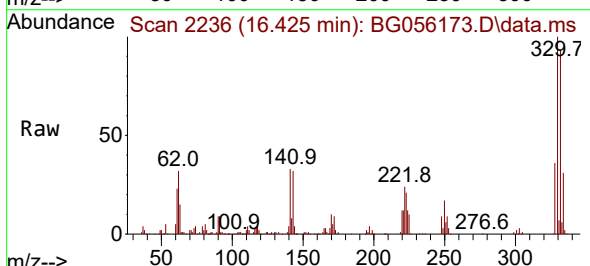


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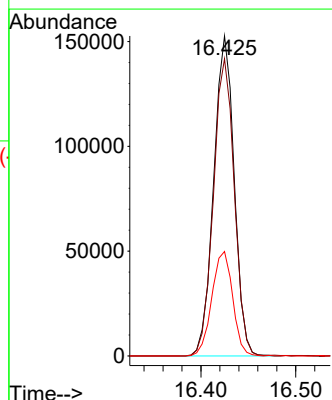
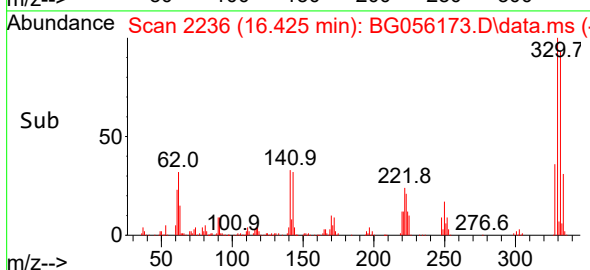
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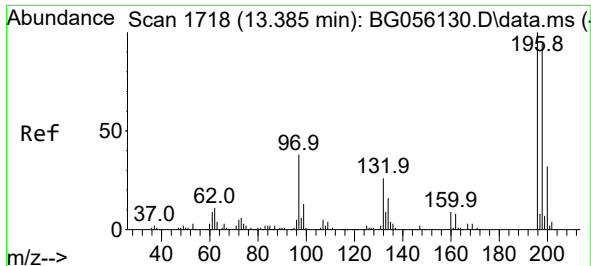


#42  
2,4,6-Tribromophenol  
Concen: 62.470 ng  
RT: 16.425 min Scan# 2236  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32



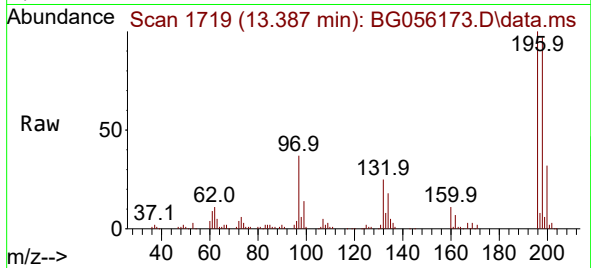
Tgt Ion:330 Resp: 228720  
Ion Ratio Lower Upper  
330 100  
332 94.6 77.3 115.9  
141 33.3 27.9 41.9





#43  
2,4,6-Trichlorophenol  
Concen: 21.452 ng  
RT: 13.387 min Scan# 1718  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

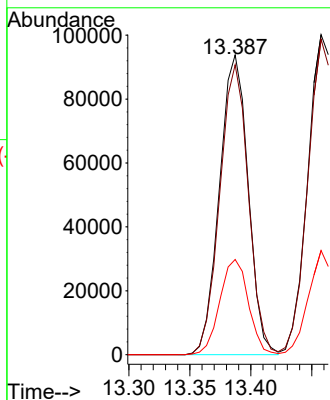
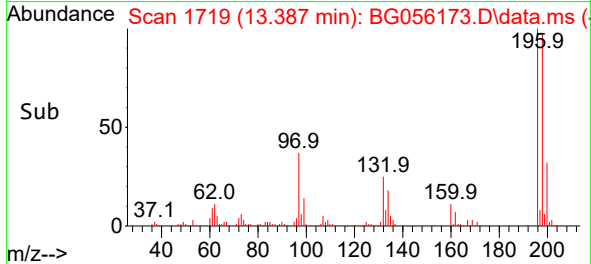
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS



Tgt Ion:196 Resp: 153694  
Ion Ratio Lower Upper  
196 100  
198 96.7 75.5 113.3  
200 31.7 25.7 38.5

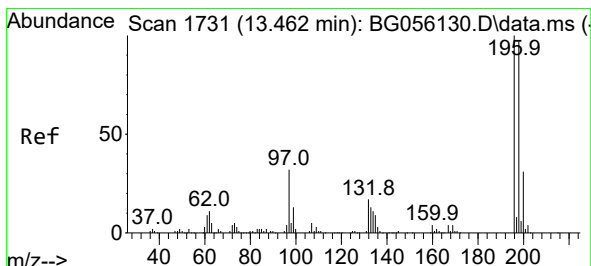
Manual Integrations  
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Supervised By :Yogesh Patel 01/03/2023

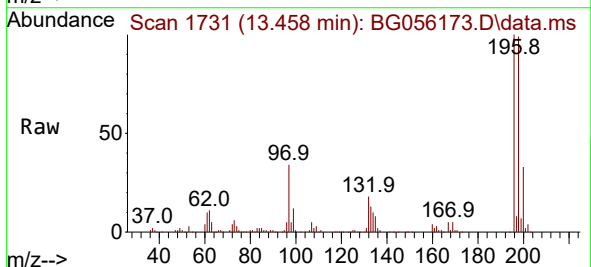


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Supervised By :Yogesh  
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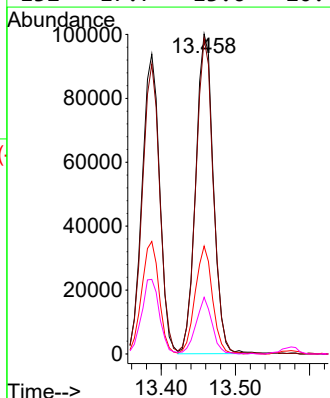
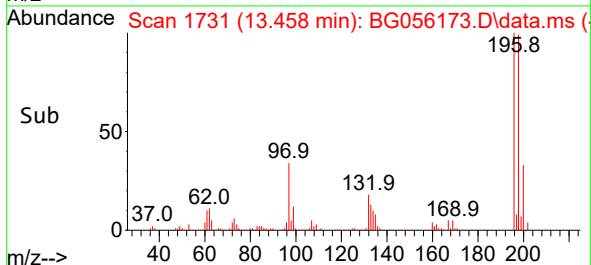
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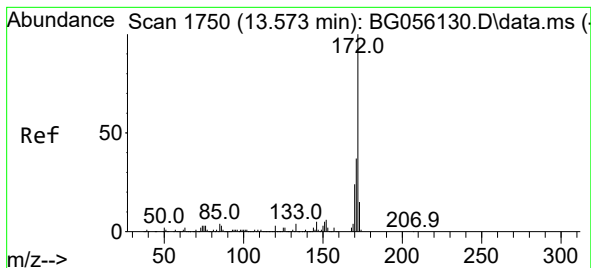


#44  
2,4,5-Trichlorophenol  
Concen: 19.498 ng  
RT: 13.458 min Scan# 1731  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32



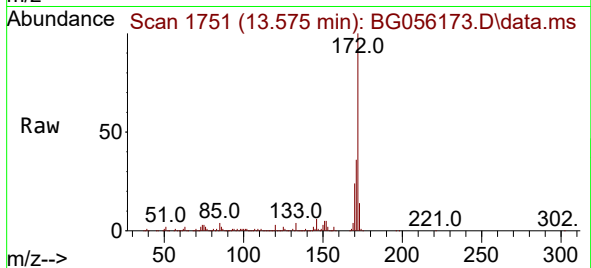
Tgt Ion:196 Resp: 165249  
Ion Ratio Lower Upper  
196 100  
198 98.6 78.0 117.0  
97 33.7 25.7 38.5  
132 17.7 13.6 20.4





#45  
2-Fluorobiphenyl  
Concen: 39.667 ng  
RT: 13.575 min Scan# 1750  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

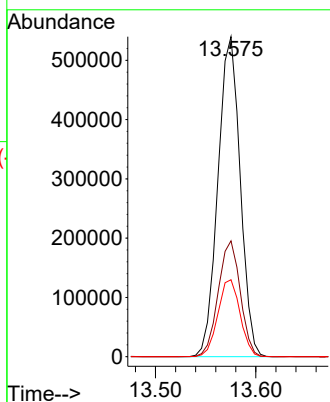
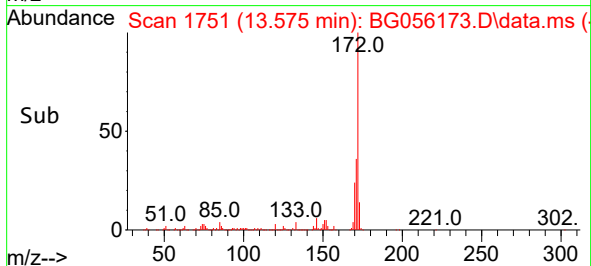
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS



Tgt Ion:172 Resp: 830421  
Ion Ratio Lower Upper  
172 100  
171 36.2 29.6 44.4  
170 24.1 19.4 29.2

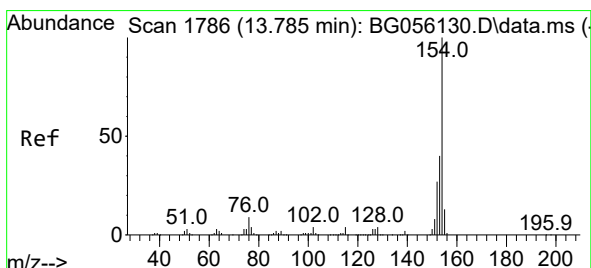
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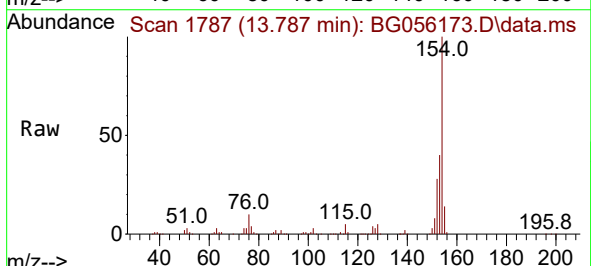


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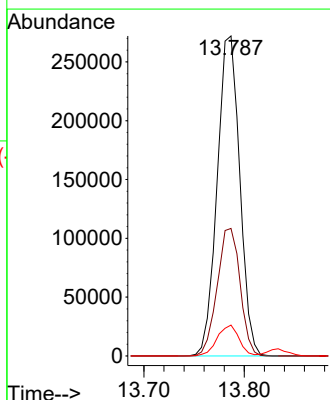
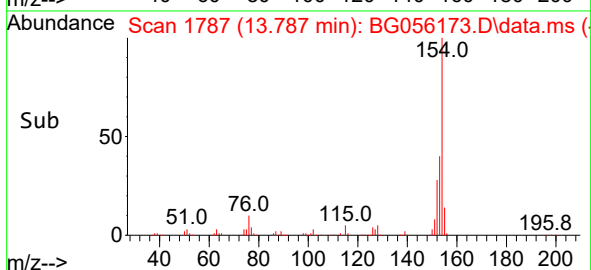
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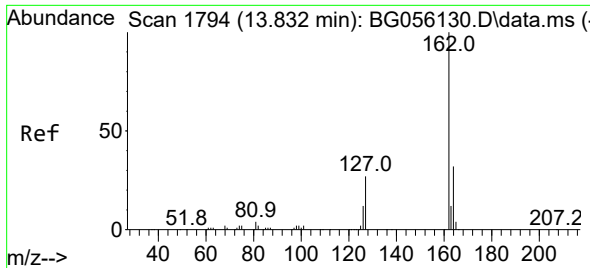


#46  
1,1'-Biphenyl  
Concen: 20.492 ng  
RT: 13.787 min Scan# 1787  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32



Tgt Ion:154 Resp: 424266  
Ion Ratio Lower Upper  
154 100  
153 39.8 20.0 60.0  
76 9.7 0.0 29.3





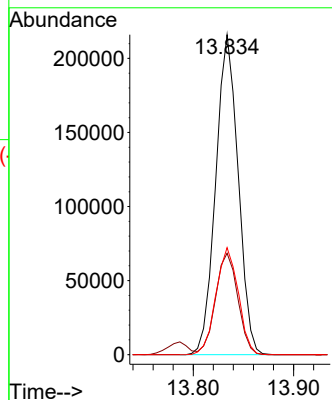
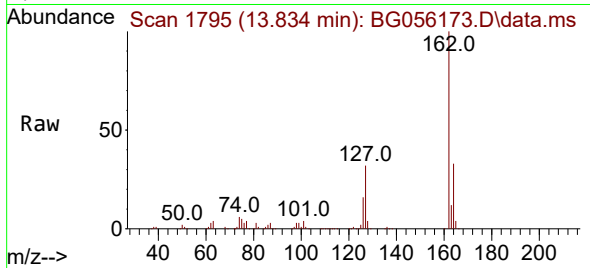
#47  
2-Chloronaphthalene  
Concen: 20.496 ng  
RT: 13.834 min Scan# 1794  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

Tgt Ion:162 Resp: 334949  
Ion Ratio Lower Upper  
162 100  
127 31.7 24.6 36.8  
164 33.5 25.8 38.8

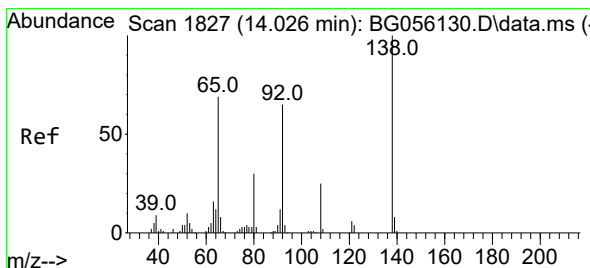
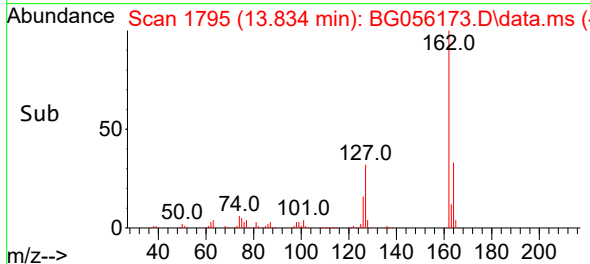
Manual Integrations  
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Supervised By :Yogesh Patel 01/03/2023



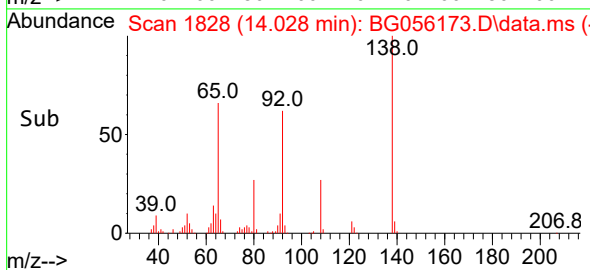
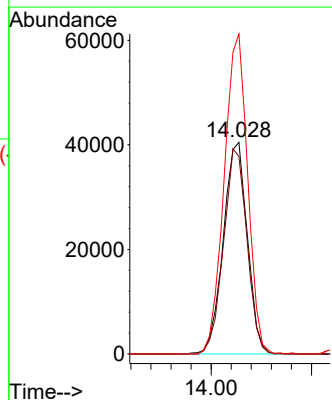
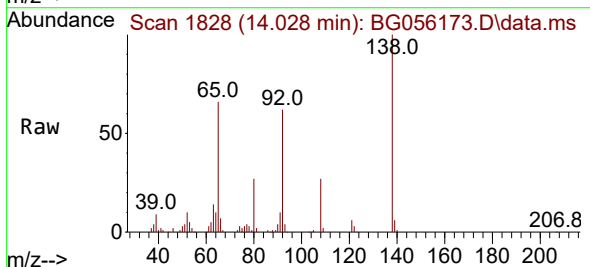
01/03/2023  
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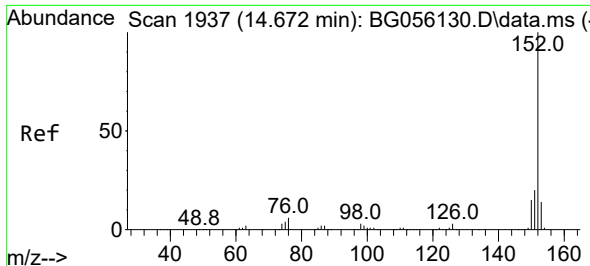
01/03/2023



#48  
2-Nitroaniline  
Concen: 19.324 ng  
RT: 14.028 min Scan# 1828  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

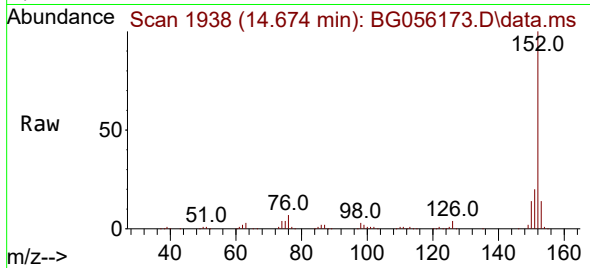
Tgt Ion: 65 Resp: 67284  
Ion Ratio Lower Upper  
65 100  
92 93.3 76.0 114.0  
138 151.3 116.6 174.8





#49  
Acenaphthylene  
Concen: 19.415 ng  
RT: 14.674 min Scan# 1937  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

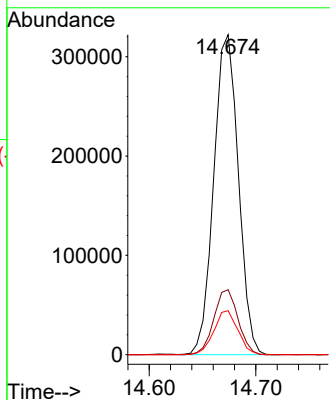
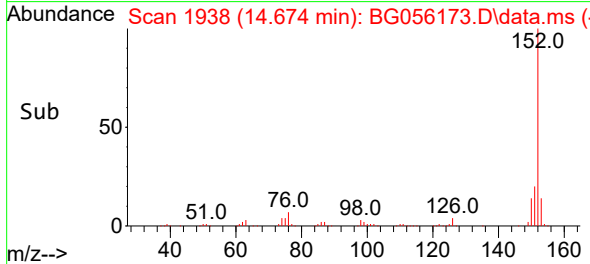
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS



Tgt Ion:152 Resp: 516320  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.0 24.0  
153 13.8 11.0 16.6

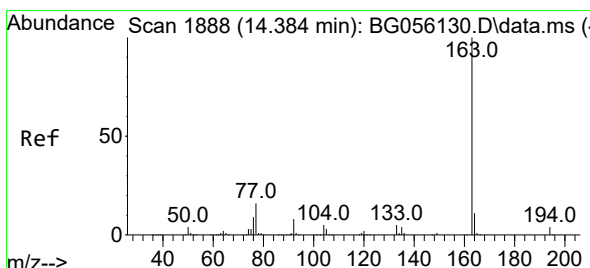
Manual Integrations  
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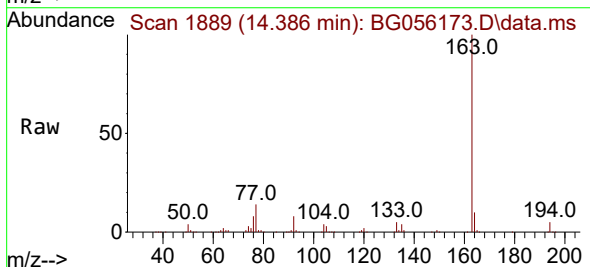


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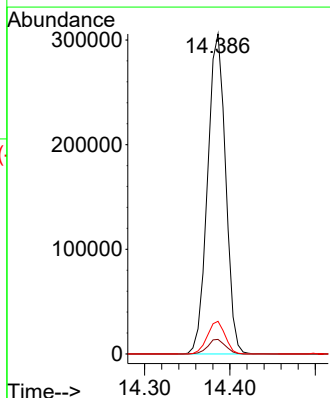
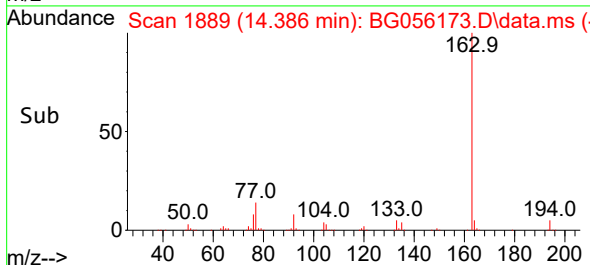
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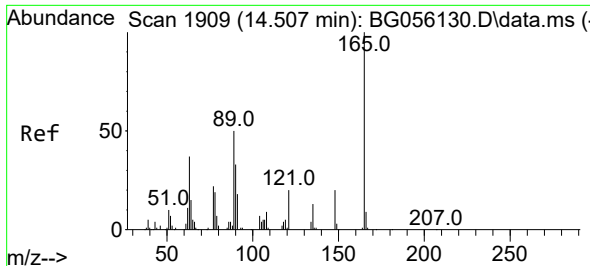


#50  
Dimethylphthalate  
Concen: 19.236 ng  
RT: 14.386 min Scan# 1889  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32



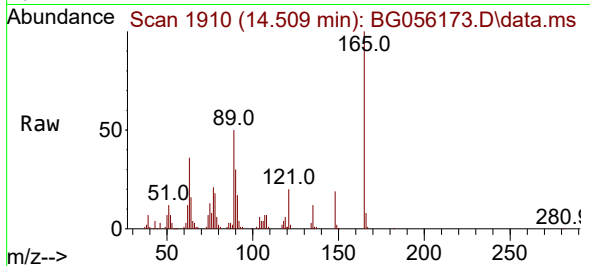
Tgt Ion:163 Resp: 448927  
Ion Ratio Lower Upper  
163 100  
194 4.6 3.5 5.3  
164 10.2 8.7 13.1





#51  
2,6-Dinitrotoluene  
Concen: 18.977 ng  
RT: 14.509 min Scan# 1909  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

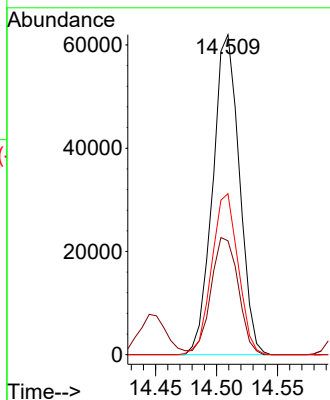
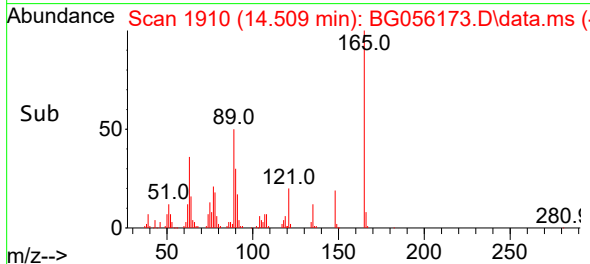
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS



Tgt Ion:165 Resp: 9436  
Ion Ratio Lower Upper  
165 100  
63 35.6 32.2 48.2  
89 50.3 39.8 59.8

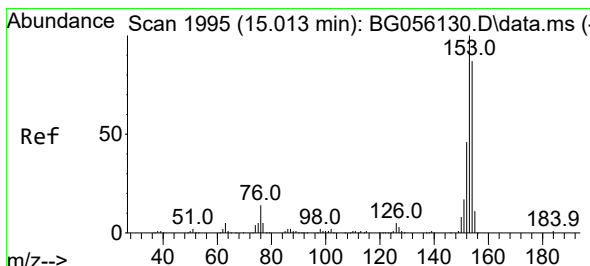
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Supervised By :Yogesh Patel 01/03/2023

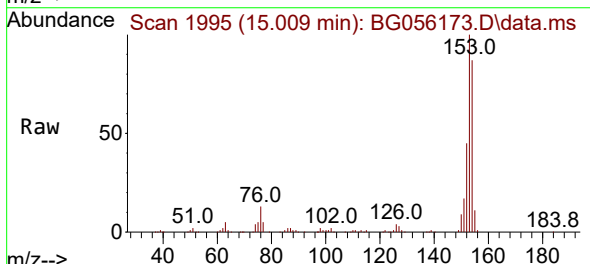


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Supervised By :Yogesh  
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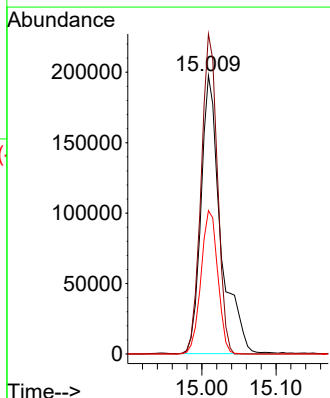
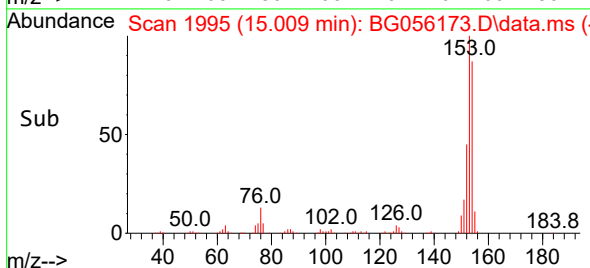
01/03/2023

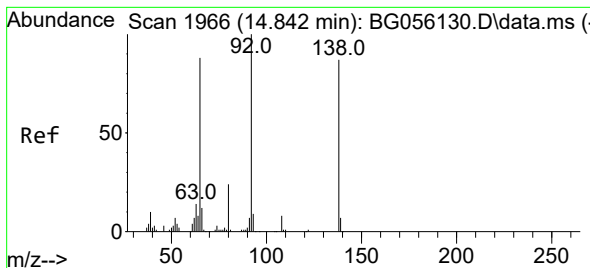


#52  
Acenaphthene  
Concen: 21.091 ng  
RT: 15.009 min Scan# 1995  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32



Tgt Ion:154 Resp: 364787  
Ion Ratio Lower Upper  
154 100  
153 114.9 92.0 138.0  
152 51.5 42.5 63.7





#53  
3-Nitroaniline  
Concen: 11.439 ng  
RT: 14.838 min Scan# 1966  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Instrument :

BNA\_G

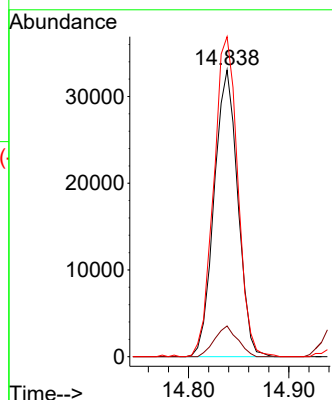
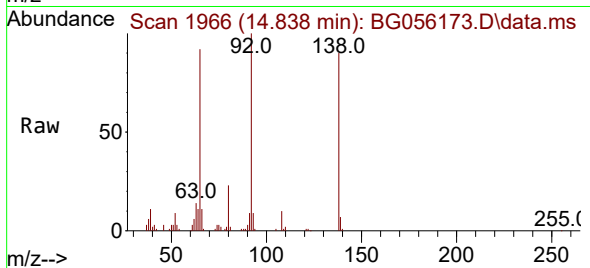
ClientSampleId :

MM-4MS

Tgt Ion:138 Resp: 54130  
Ion Ratio Lower Upper  
138 100  
108 10.7 7.6 11.4  
92 111.6 91.7 137.5

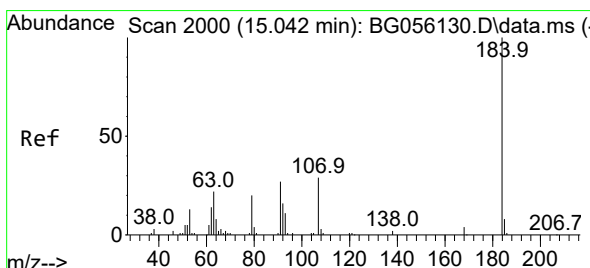
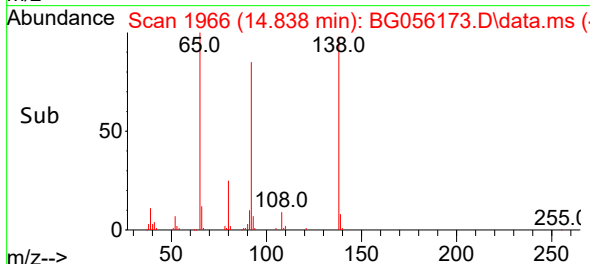
Manual Integrations  
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Supervised By :Yogesh Patel 01/03/2023



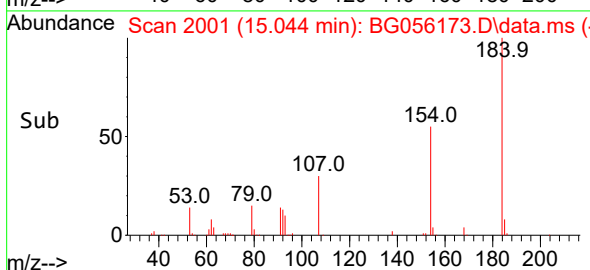
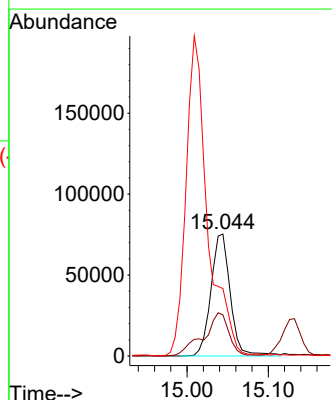
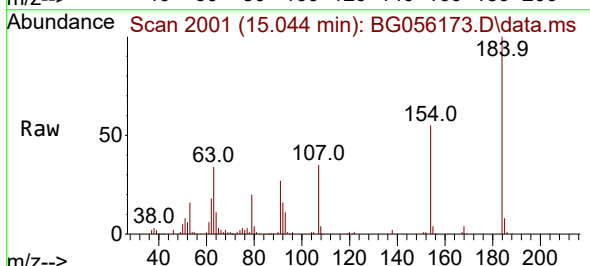
01/03/2023  
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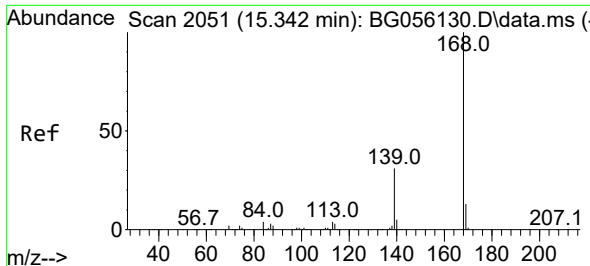
01/03/2023



#54  
2,4-Dinitrophenol  
Concen: 35.156 ng  
RT: 15.044 min Scan# 2001  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

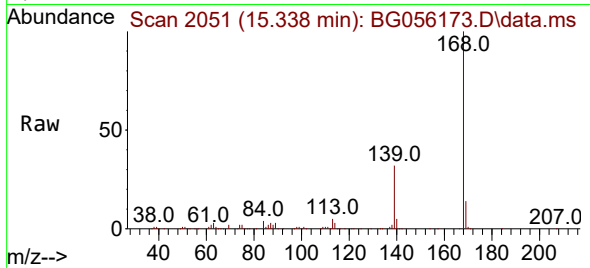
Tgt Ion:184 Resp: 124892  
Ion Ratio Lower Upper  
184 100  
63 33.7 24.0 36.0  
154 55.3 45.4 68.0





#55  
Dibenzenofuran  
Concen: 19.229 ng  
RT: 15.338 min Scan# 2051  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

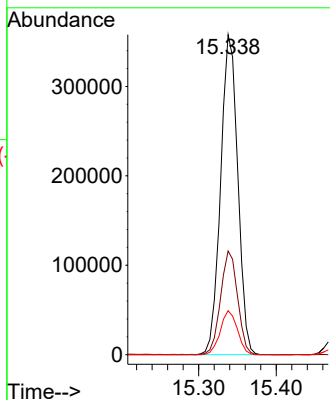
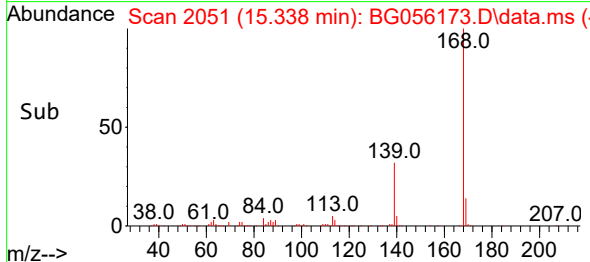
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS



Tgt Ion:168 Resp: 550362  
Ion Ratio Lower Upper  
168 100  
139 32.4 24.7 37.1  
169 13.7 10.3 15.5

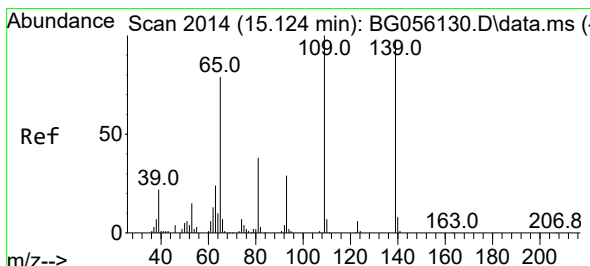
Manual Integrations  
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Reviewed By :Jagrut Upadhyay 01/03/2023  
Supervised By :Yogesh Patel 01/03/2023

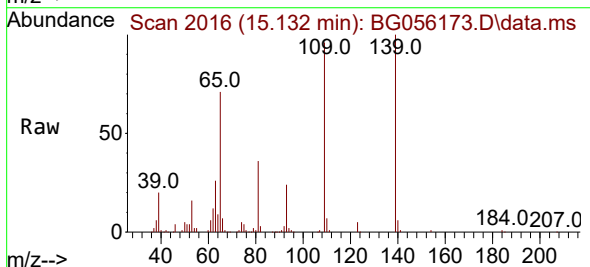


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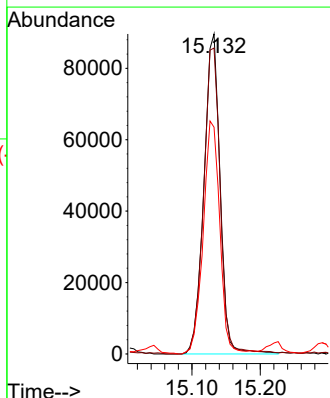
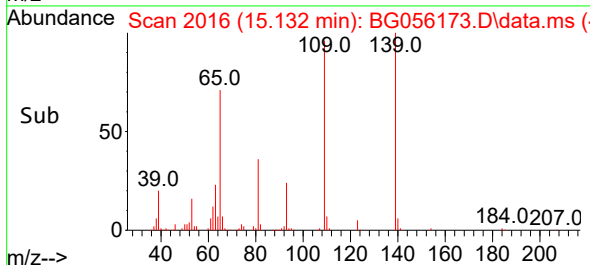
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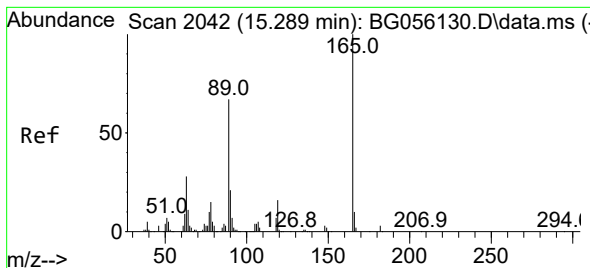


#56  
4-Nitrophenol  
Concen: 40.708 ng  
RT: 15.132 min Scan# 2016  
Delta R.T. 0.008 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32



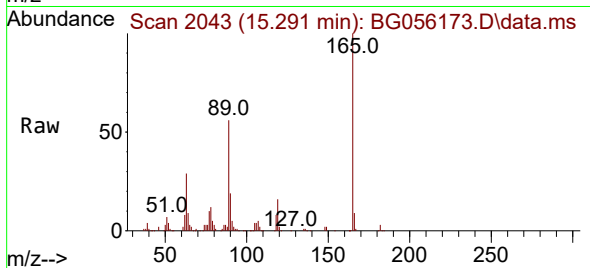
Tgt Ion:139 Resp: 148169  
Ion Ratio Lower Upper  
139 100  
109 95.6 82.2 122.2  
65 70.9 60.6 100.6





#57  
2,4-Dinitrotoluene  
Concen: 20.203 ng  
RT: 15.291 min Scan# 2043  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

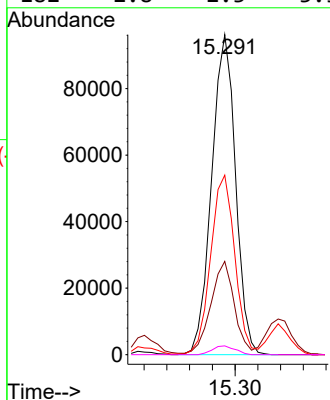
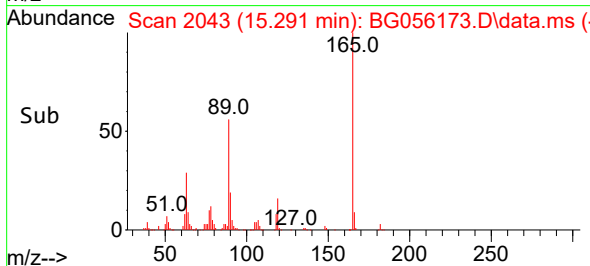
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS



Tgt Ion:165 Resp: 140500  
Ion Ratio Lower Upper  
165 100  
63 29.1 22.6 34.0  
89 56.1 53.2 79.8  
182 2.8 2.3 3.5

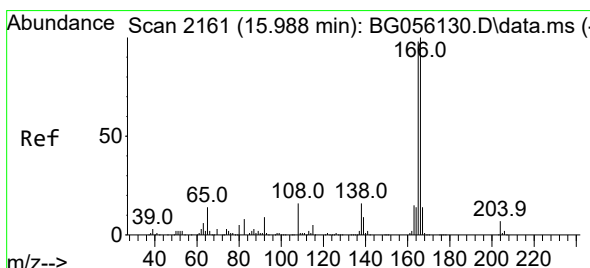
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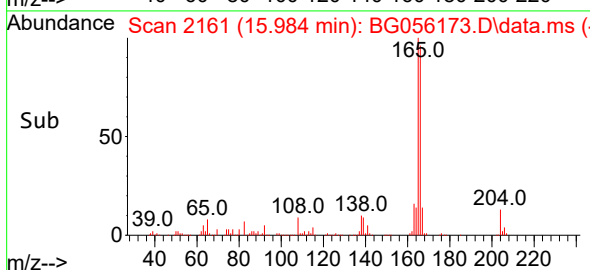
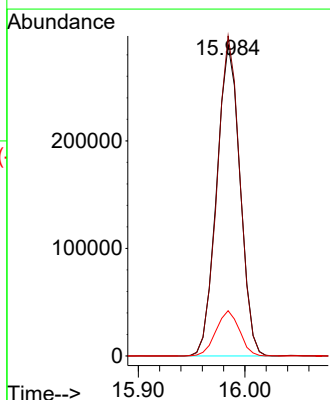
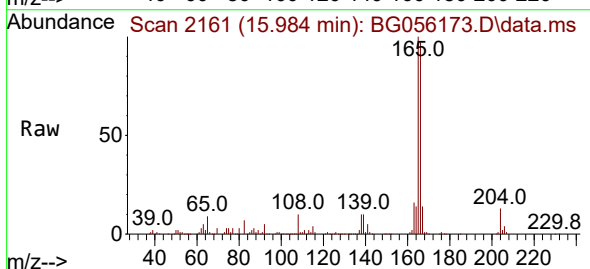
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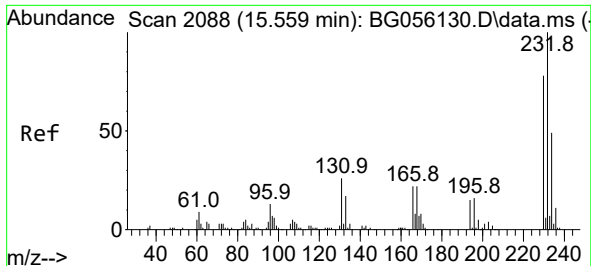
01/03/2023



#58  
Fluorene  
Concen: 19.092 ng  
RT: 15.984 min Scan# 2161  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

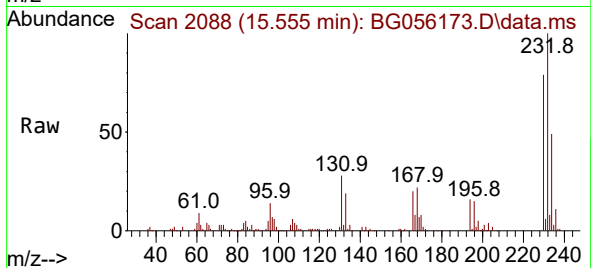
Tgt Ion:166 Resp: 439522  
Ion Ratio Lower Upper  
166 100  
165 102.8 78.6 118.0  
167 14.5 11.1 16.7





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 21.064 ng m  
RT: 15.555 min Scan# 2088  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

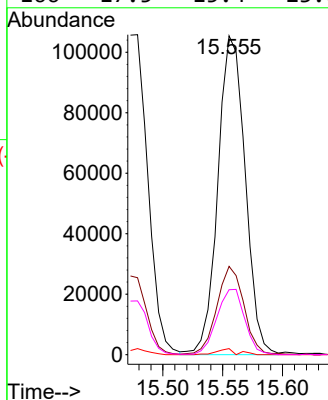
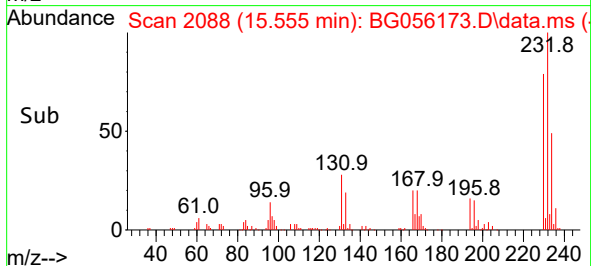
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS



Tgt Ion:232 Resp: 16762  
Ion Ratio Lower Upper  
232 100  
131 24.2 21.4 32.2  
130 1.8 1.4 2.0  
166 17.5 15.4 23.0

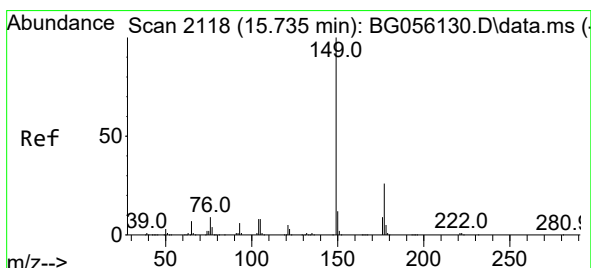
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Supervised By :Yogesh Patel 01/03/2023

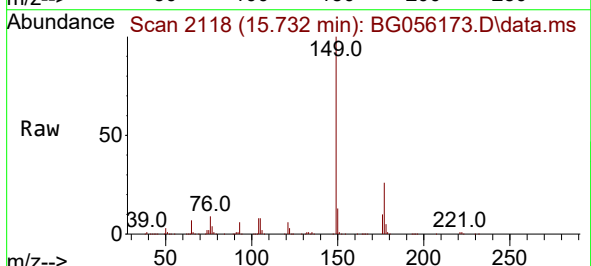


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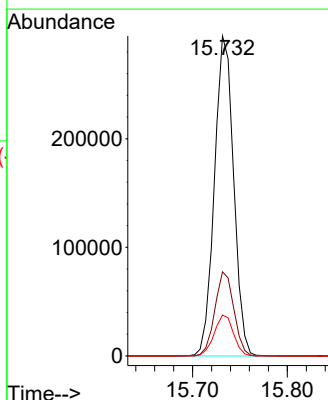
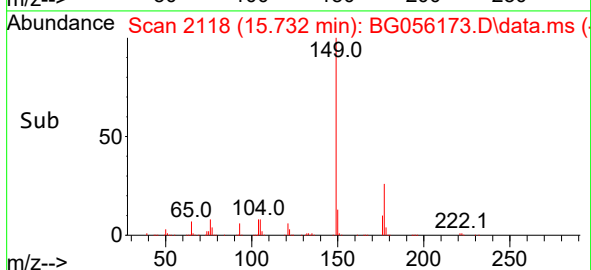
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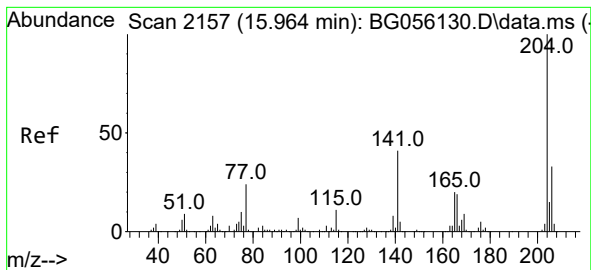


#60  
Diethylphthalate  
Concen: 18.948 ng  
RT: 15.732 min Scan# 2118  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32



Tgt Ion:149 Resp: 414702  
Ion Ratio Lower Upper  
149 100  
177 26.3 20.6 31.0  
150 12.8 9.9 14.9





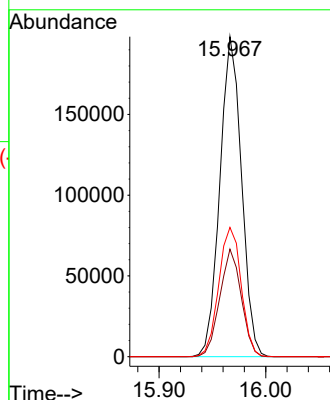
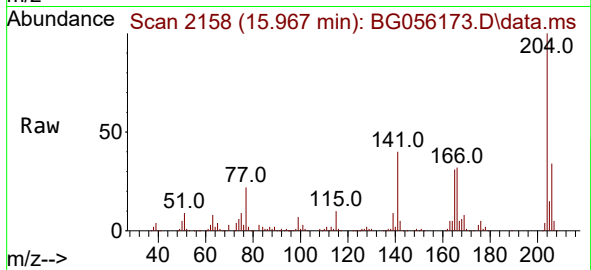
#61  
4-Chlorophenyl-phenylether  
Concen: 19.431 ng  
RT: 15.967 min Scan# 2158  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

Tgt Ion:204 Resp: 27915  
Ion Ratio Lower Upper  
204 100  
206 33.6 26.4 39.6  
141 40.4 33.0 49.4

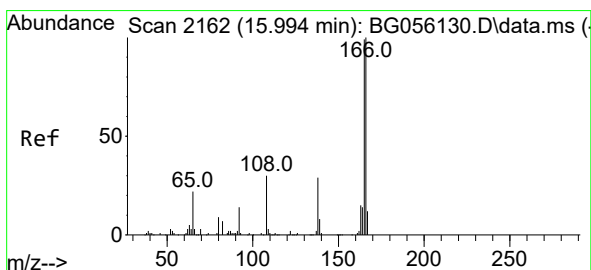
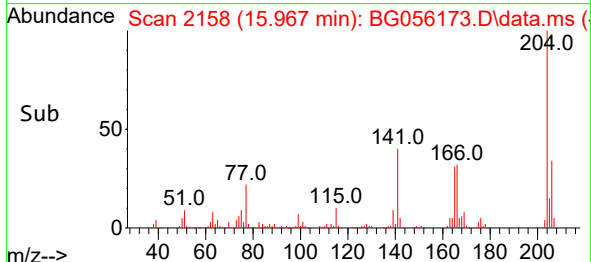
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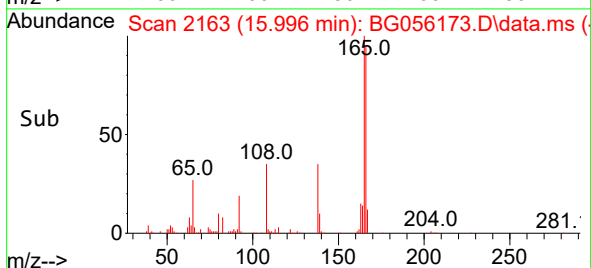
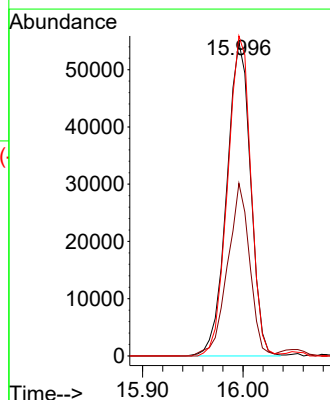
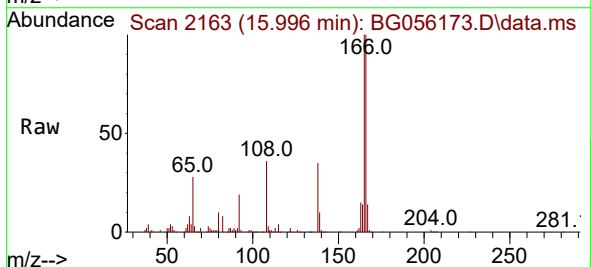
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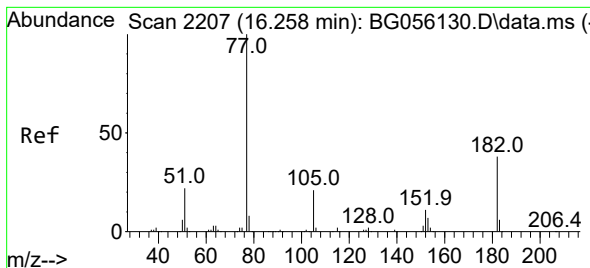
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#62  
4-Nitroaniline  
Concen: 18.712 ng  
RT: 15.996 min Scan# 2163  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion:138 Resp: 90714  
Ion Ratio Lower Upper  
138 100  
92 55.0 28.6 68.6  
108 102.0 83.4 123.4





#63

Azobenzene

Concen: 18.588 ng

RT: 16.260 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG056173.D

Acq: 30 Dec 2022 16:32

Instrument :

BNA\_G

ClientSampleId :

MM-4MS

Tgt Ion: 77 Resp: 313930

Ion Ratio Lower Upper

77 100

182 40.8 18.5 58.5

105 23.0 1.4 41.4

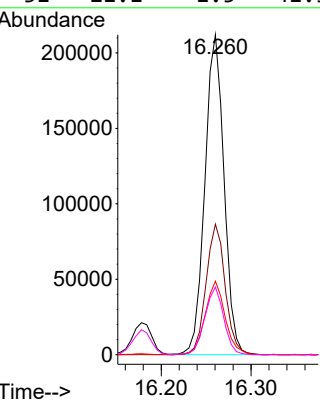
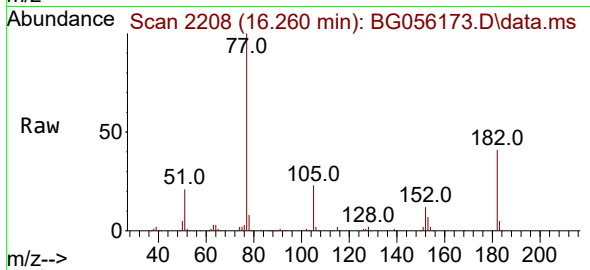
51 21.1 1.5 41.5

Manual Integrations

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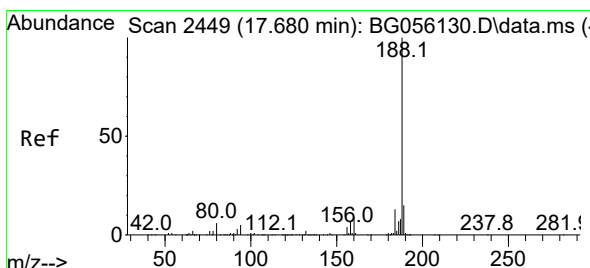
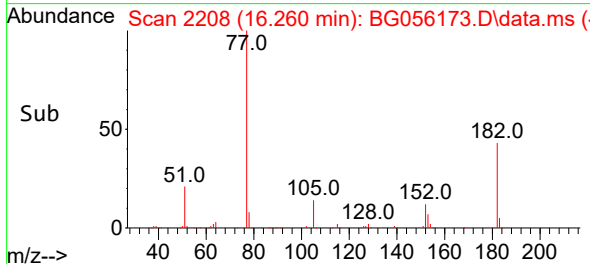
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#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.682 min Scan# 2450

Delta R.T. 0.002 min

Lab File: BG056173.D

Acq: 30 Dec 2022 16:32

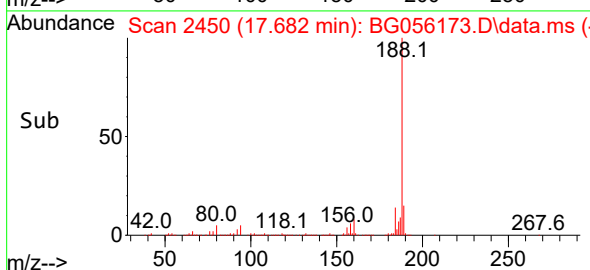
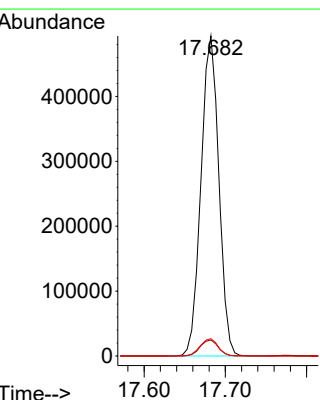
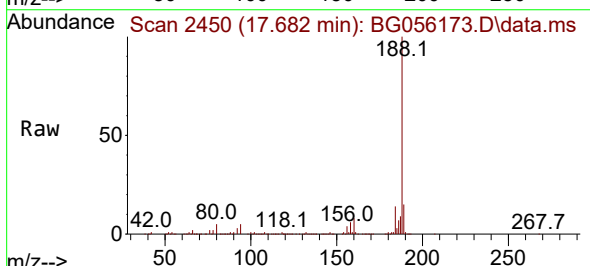
Tgt Ion:188 Resp: 752472

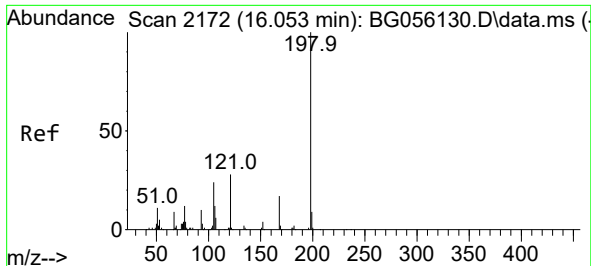
Ion Ratio Lower Upper

188 100

94 5.0 4.2 6.2

80 5.4 5.0 7.4





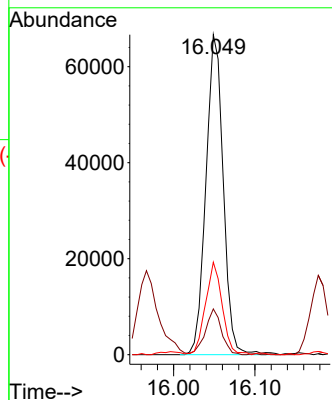
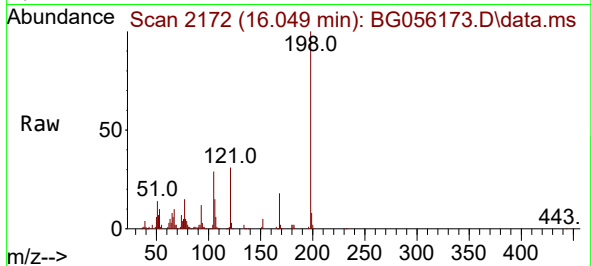
#65  
4,6-Dinitro-2-methylphenol  
Concen: 19.458 ng  
RT: 16.049 min Scan# 2172  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

Tgt Ion:198 Resp: 98640  
Ion Ratio Lower Upper  
198 100  
51 14.3 0.0 33.2  
105 28.9 4.9 44.9

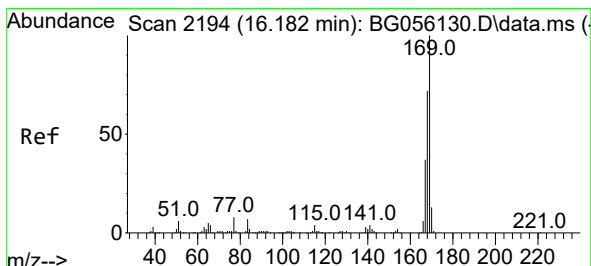
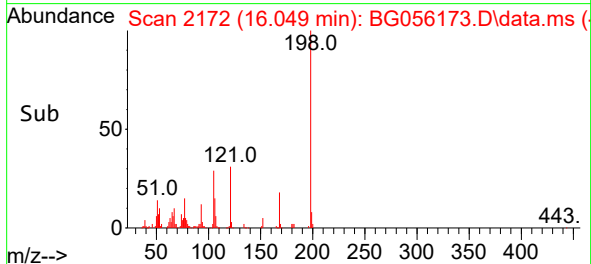
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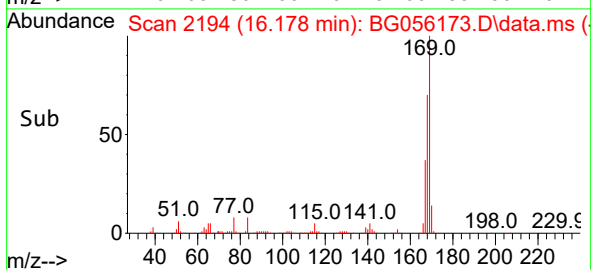
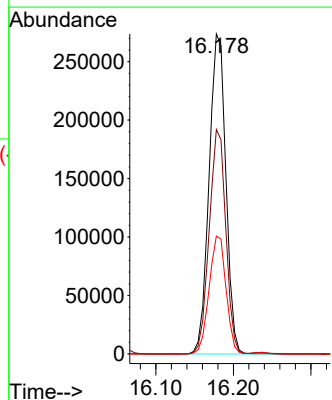
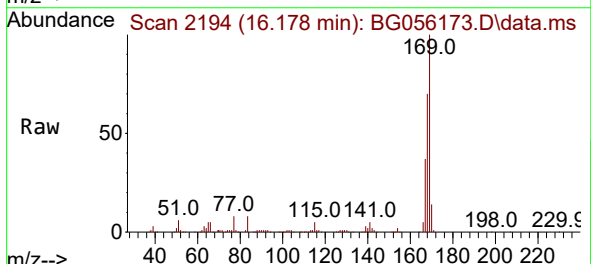
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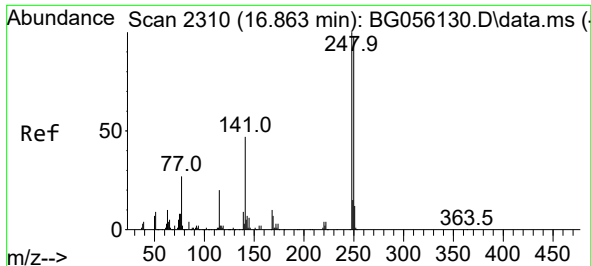
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#66  
n-Nitrosodiphenylamine  
Concen: 19.675 ng  
RT: 16.178 min Scan# 2194  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion:169 Resp: 410772  
Ion Ratio Lower Upper  
169 100  
168 70.2 58.0 87.0  
167 36.9 30.0 45.0





#67  
4-Bromophenyl-phenylether  
Concen: 19.682 ng  
RT: 16.860 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Instrument :

BNA\_G

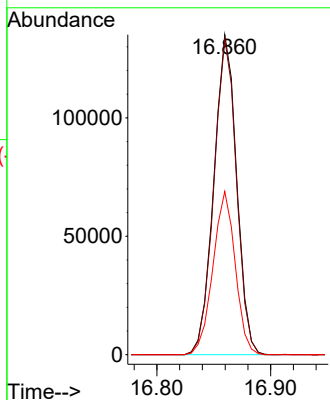
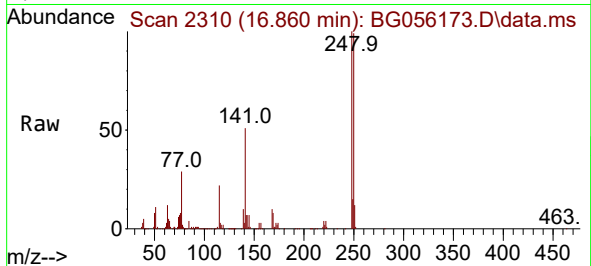
ClientSampleId :

MM-4MS

Tgt Ion:248 Resp: 18859  
Ion Ratio Lower Upper  
248 100  
250 98.7 78.2 117.4  
141 51.0 37.6 56.4

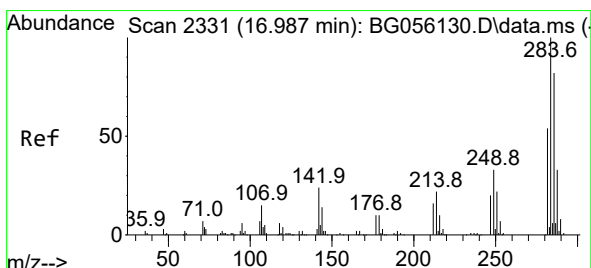
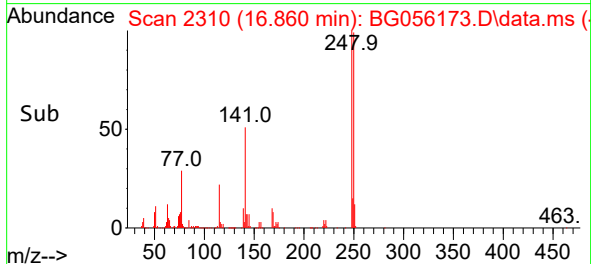
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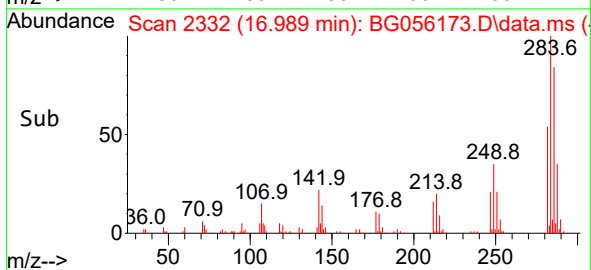
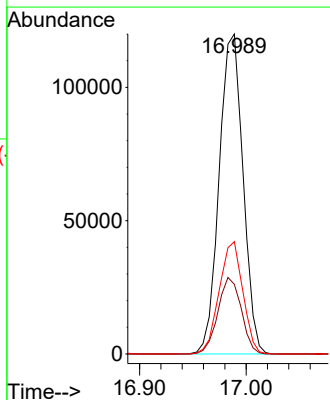
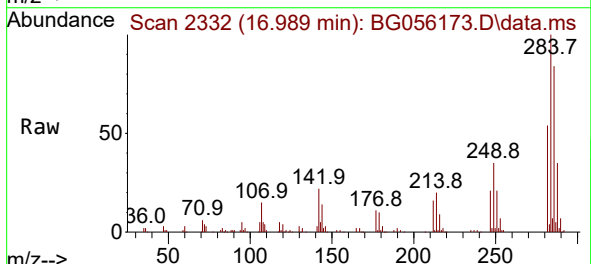
01/03/2023  
Supervised By :Yogesh  
Patel

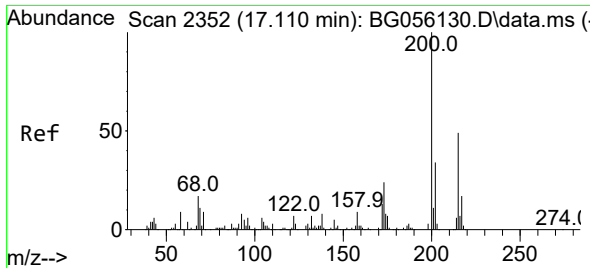
01/03/2023



#68  
Hexachlorobenzene  
Concen: 20.836 ng  
RT: 16.989 min Scan# 2332  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

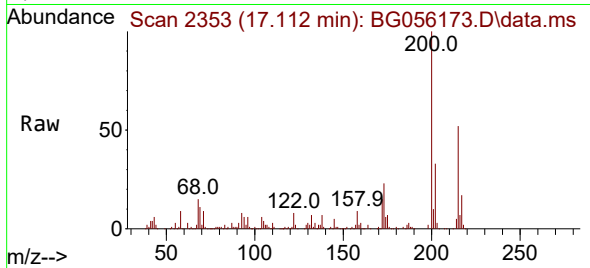
Tgt Ion:284 Resp: 186271  
Ion Ratio Lower Upper  
284 100  
142 21.7 19.0 28.6  
249 37.2 26.6 39.8





#69  
 Atrazine  
 Concen: 21.102 ng  
 RT: 17.112 min Scan# 21  
 Delta R.T. 0.002 min  
 Lab File: BG056173.D  
 Acq: 30 Dec 2022 16:32

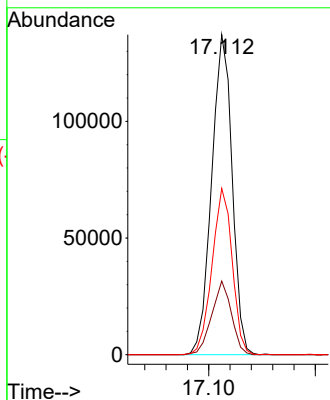
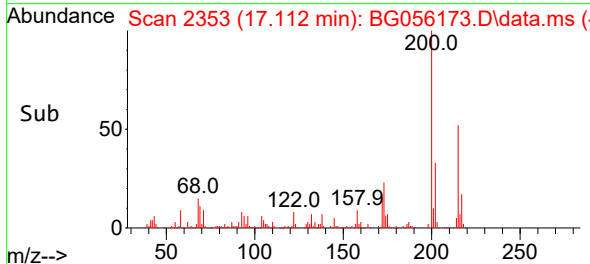
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MM-4MS



Tgt Ion:200 Resp: 182584  
 Ion Ratio Lower Upper  
 200 100  
 173 23.0 4.0 44.0  
 215 52.0 29.1 69.1

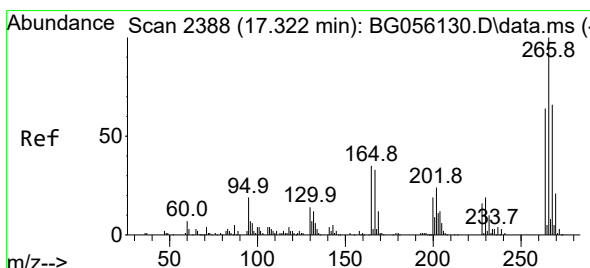
Manual Integrations  
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Reviewed By :Jagrut Upadhyay 01/03/2023  
 Supervised By :Yogesh Patel 01/03/2023

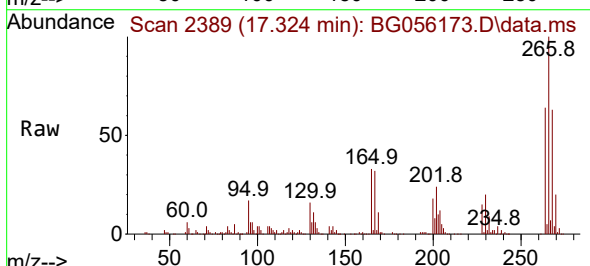


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 Patel

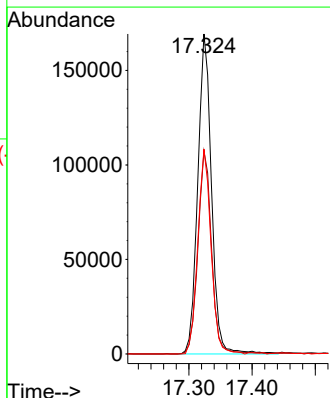
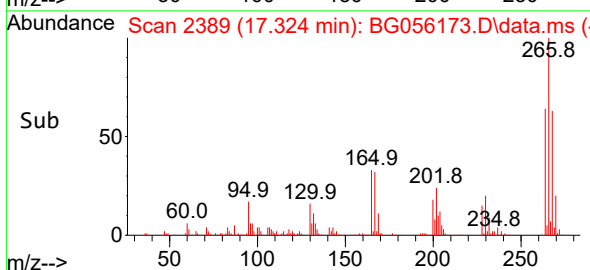
01/03/2023

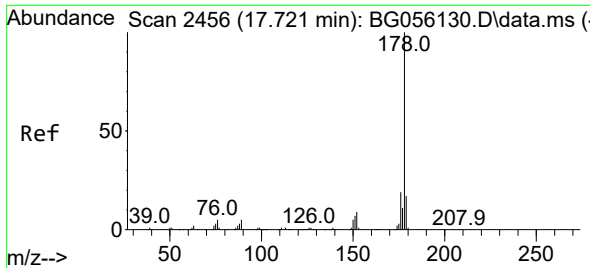


#70  
 Pentachlorophenol  
 Concen: 37.314 ng  
 RT: 17.324 min Scan# 2389  
 Delta R.T. 0.002 min  
 Lab File: BG056173.D  
 Acq: 30 Dec 2022 16:32



Tgt Ion:266 Resp: 256245  
 Ion Ratio Lower Upper  
 266 100  
 268 63.5 53.0 79.4  
 264 64.0 51.4 77.2





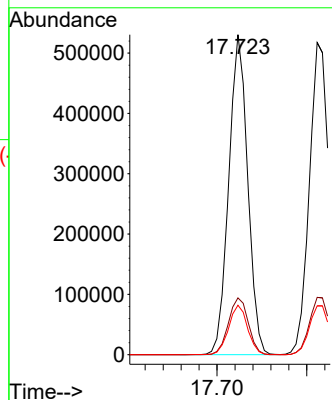
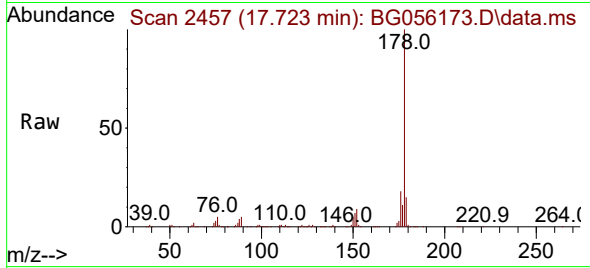
#71  
Phenanthrene  
Concen: 19.915 ng  
RT: 17.723 min Scan# 2456  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

Tgt Ion:178 Resp: 776598  
Ion Ratio Lower Upper  
178 100  
176 17.8 15.4 23.0  
179 15.4 13.6 20.4

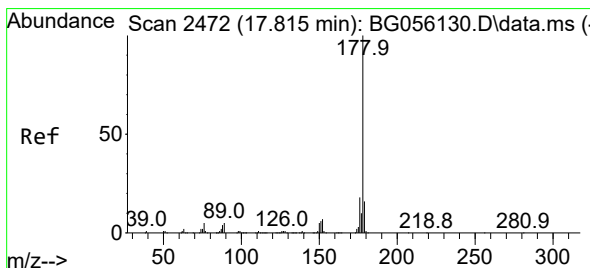
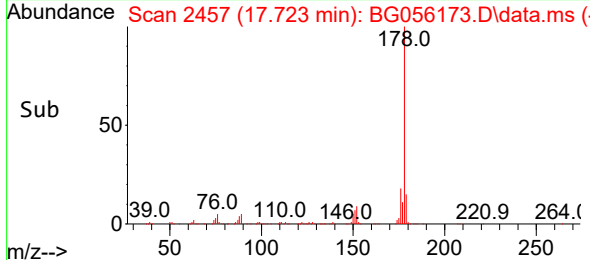
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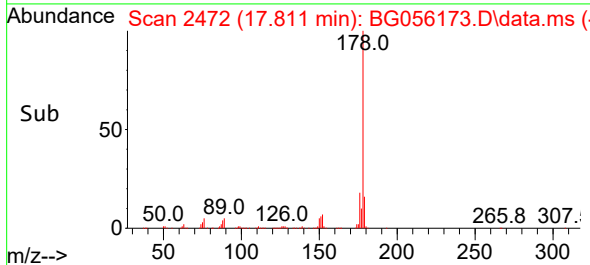
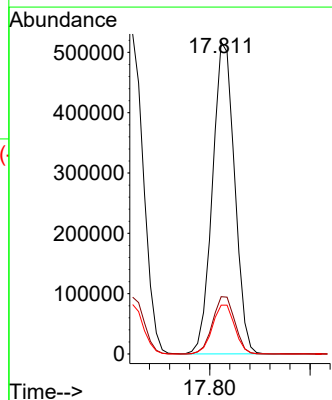
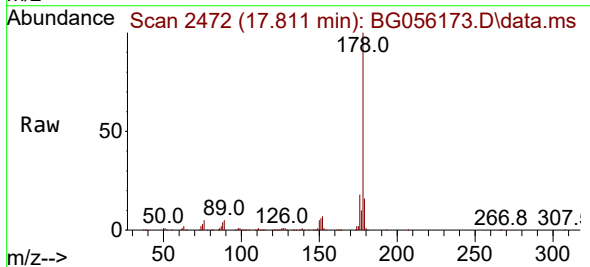
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Patel

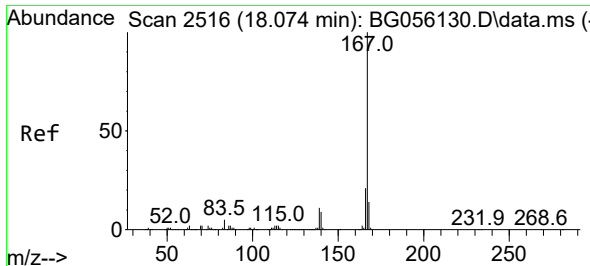
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#72  
Anthracene  
Concen: 19.673 ng  
RT: 17.811 min Scan# 2472  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

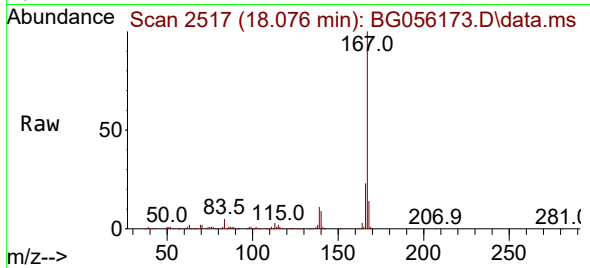
Tgt Ion:178 Resp: 791366  
Ion Ratio Lower Upper  
178 100  
176 18.4 14.6 22.0  
179 15.6 12.7 19.1





#73  
 Carbazole  
 Concen: 20.203 ng  
 RT: 18.076 min Scan# 2516  
 Delta R.T. 0.002 min  
 Lab File: BG056173.D  
 Acq: 30 Dec 2022 16:32

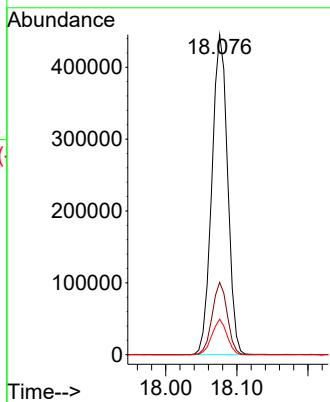
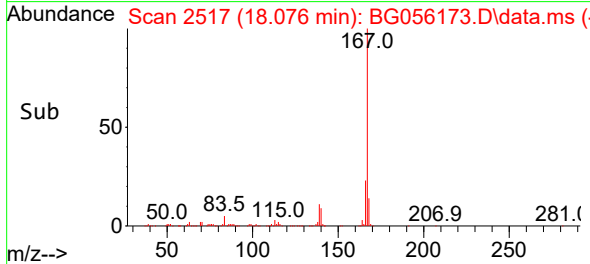
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MM-4MS



Tgt Ion:167 Resp: 68312  
 Ion Ratio Lower Upper  
 167 100  
 166 22.6 16.8 25.2  
 139 11.1 8.9 13.3

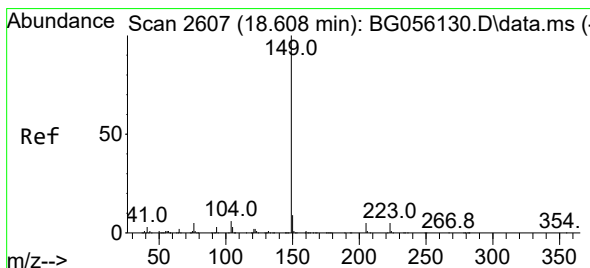
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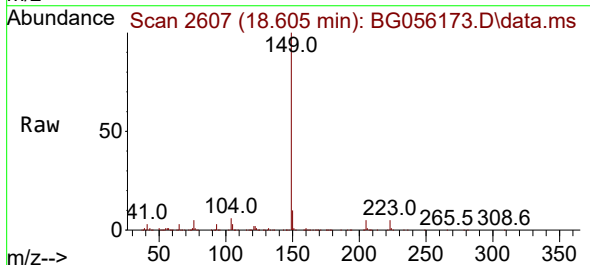


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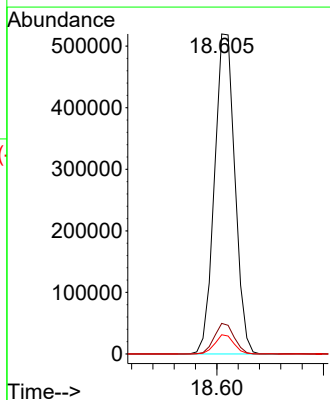
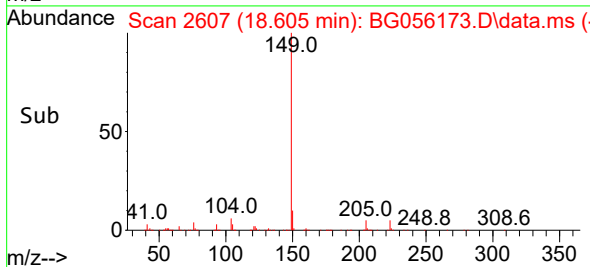
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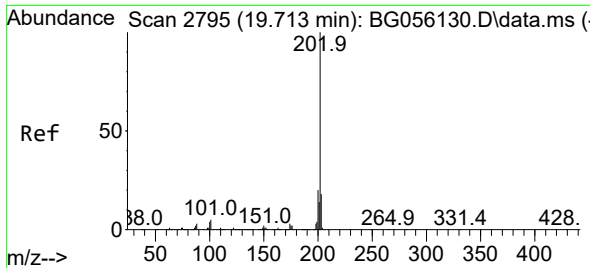


#74  
 Di-n-butylphthalate  
 Concen: 20.445 ng  
 RT: 18.605 min Scan# 2607  
 Delta R.T. -0.004 min  
 Lab File: BG056173.D  
 Acq: 30 Dec 2022 16:32



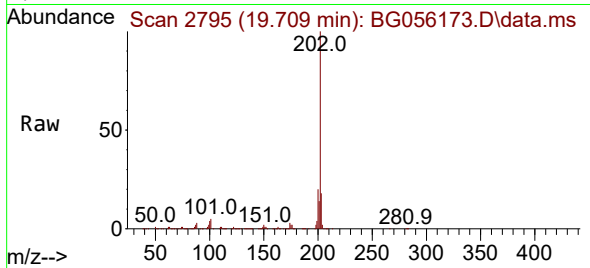
Tgt Ion:149 Resp: 689120  
 Ion Ratio Lower Upper  
 149 100  
 150 9.6 7.4 11.2  
 104 6.0 4.4 6.6





#75  
Fluoranthene  
Concen: 19.585 ng  
RT: 19.709 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

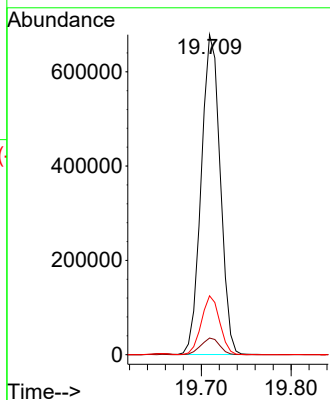
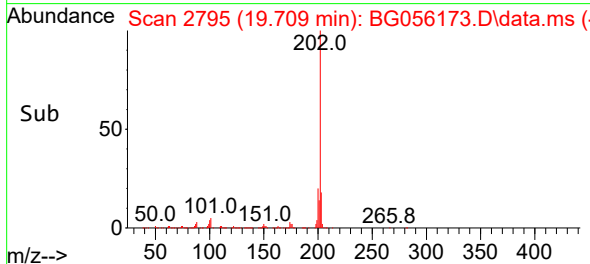
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS



Tgt Ion:202 Resp: 996215  
Ion Ratio Lower Upper  
202 100  
101 5.2 0.0 25.0  
203 18.4 0.0 38.0

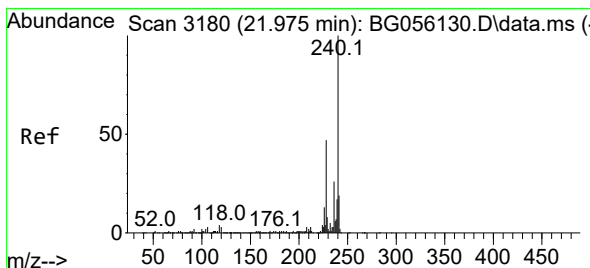
Manual Integrations  
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Supervised By :Yogesh Patel 01/03/2023



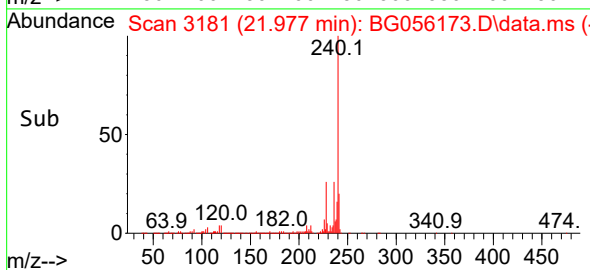
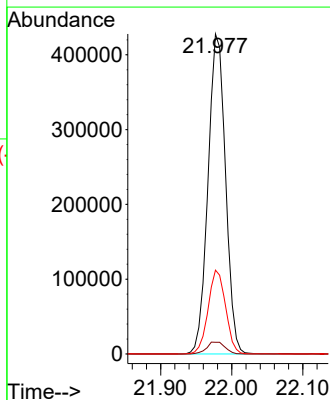
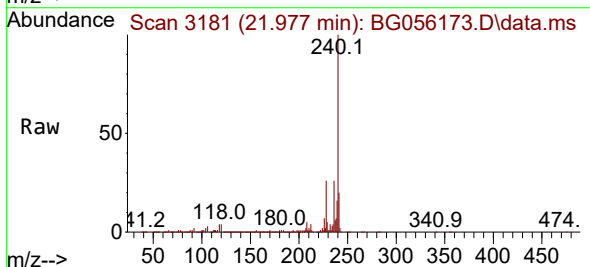
01/03/2023  
Supervised By :Yogesh  
Patel

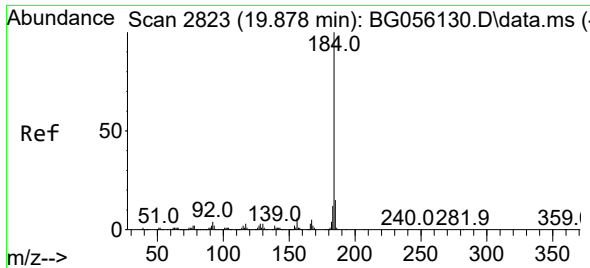
01/03/2023



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.977 min Scan# 3181  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion:240 Resp: 733002  
Ion Ratio Lower Upper  
240 100  
120 3.7 2.6 4.0  
236 26.2 20.8 31.2





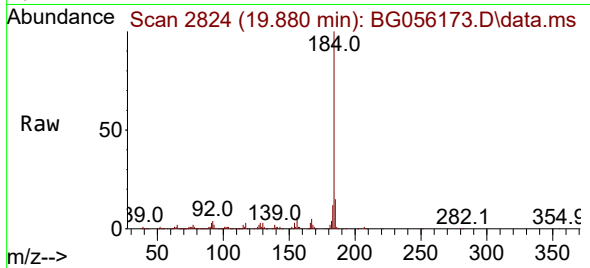
#77  
Benzidine  
Concen: 15.601 ng  
RT: 19.880 min Scan# 2824  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Instrument :

BNA\_G

ClientSampleId :

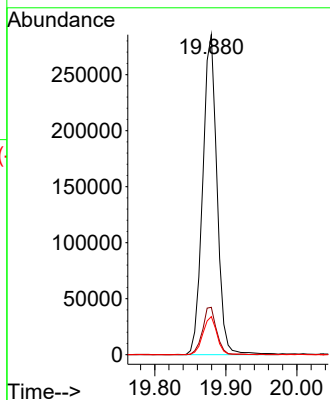
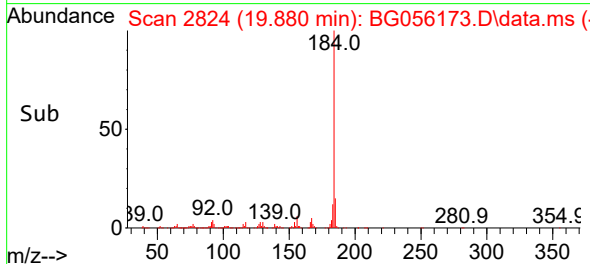
MM-4MS



Tgt Ion:184 Resp: 400744  
Ion Ratio Lower Upper  
184 100  
185 14.8 12.2 18.2  
183 11.9 9.4 14.0

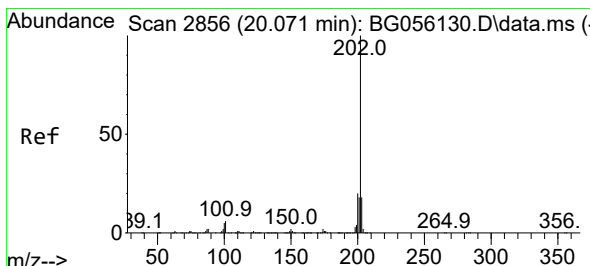
Manual Integrations  
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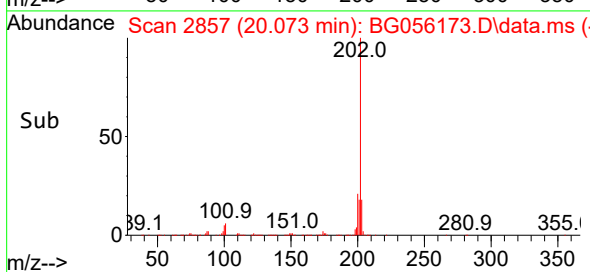
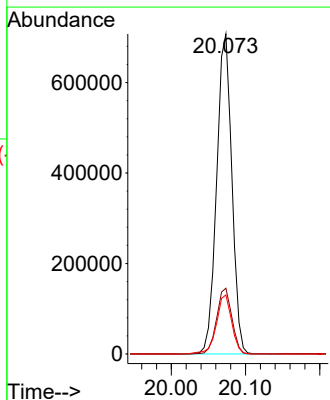
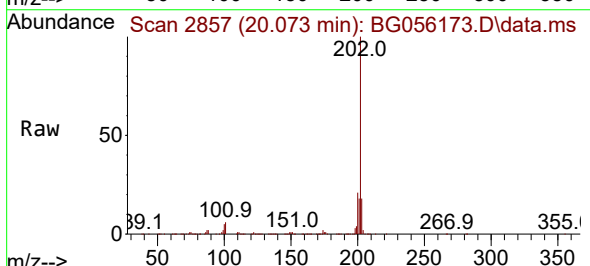
01/03/2023  
Supervised By :Yogesh  
Patel

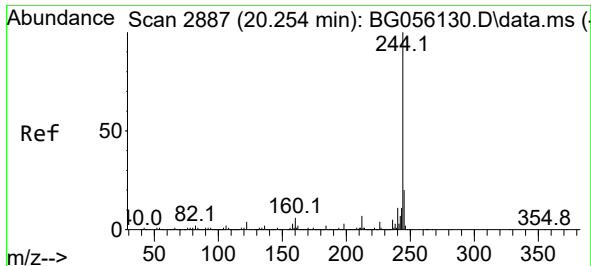
01/03/2023



#78  
Pyrene  
Concen: 19.490 ng  
RT: 20.073 min Scan# 2857  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

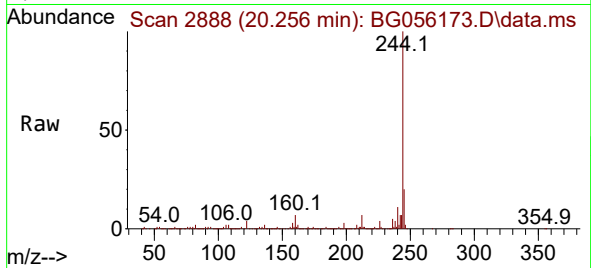
Tgt Ion:202 Resp: 1006968  
Ion Ratio Lower Upper  
202 100  
200 20.5 16.4 24.6  
203 18.4 14.3 21.5





#79  
Terphenyl-d14  
Concen: 41.315 ng  
RT: 20.256 min Scan# 21  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

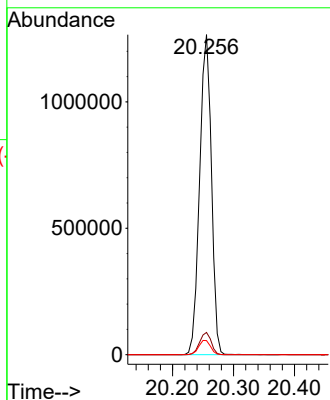
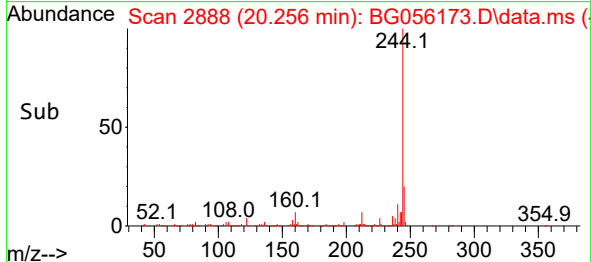
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS



Tgt Ion:244 Resp: 169086  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.7 8.5  
122 4.4 3.5 5.3

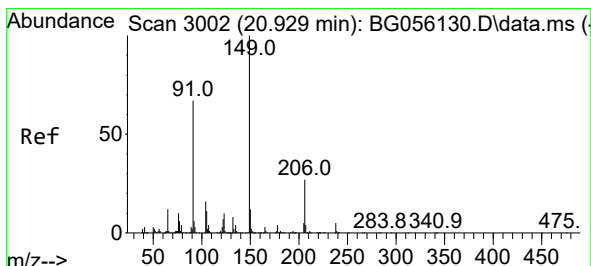
Manual Integrations  
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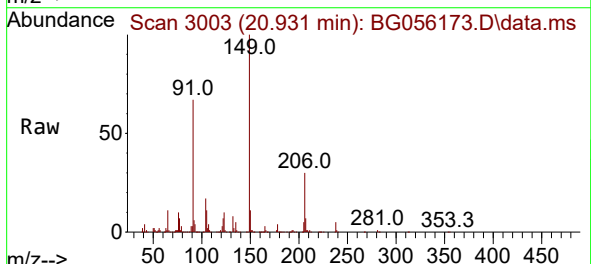


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Patel

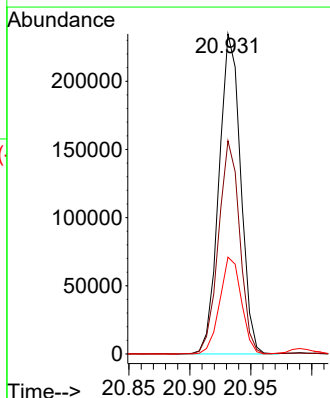
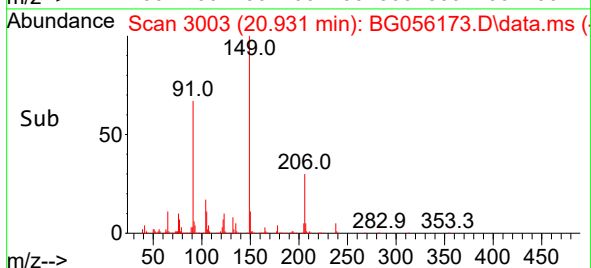
01/03/2023

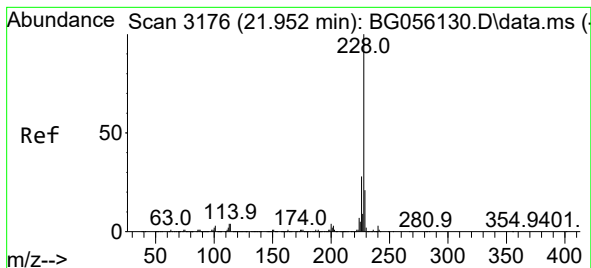


#80  
Butylbenzylphthalate  
Concen: 19.577 ng  
RT: 20.931 min Scan# 3003  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32



Tgt Ion:149 Resp: 290173  
Ion Ratio Lower Upper  
149 100  
91 66.6 53.5 80.3  
206 30.3 21.9 32.9





#81

Benzo(a)anthracene

Concen: 19.525 ng

RT: 21.954 min Scan# 3176

Delta R.T. 0.002 min

Lab File: BG056173.D

Acq: 30 Dec 2022 16:32

Instrument :

BNA\_G

ClientSampleId :

MM-4MS

Tgt Ion:228 Resp: 1005218

Ion Ratio Lower Upper

228 100

226 27.3 22.6 34.0

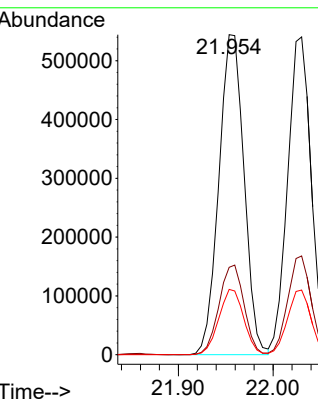
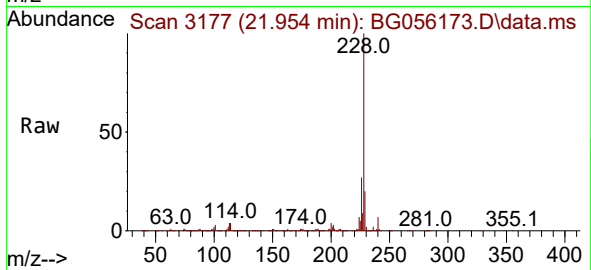
229 20.4 16.9 25.3

Manual Integrations

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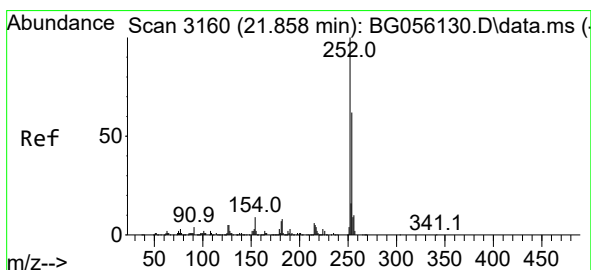
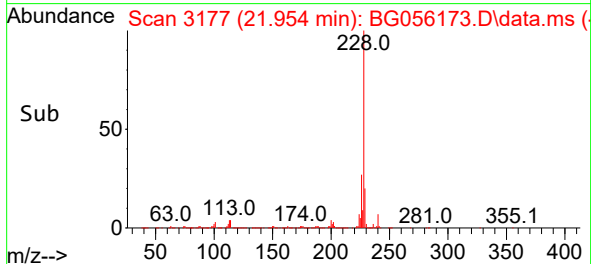
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01/03/2023



#82

3,3'-Dichlorobenzidine

Concen: 11.316 ng

RT: 21.854 min Scan# 3160

Delta R.T. -0.004 min

Lab File: BG056173.D

Acq: 30 Dec 2022 16:32

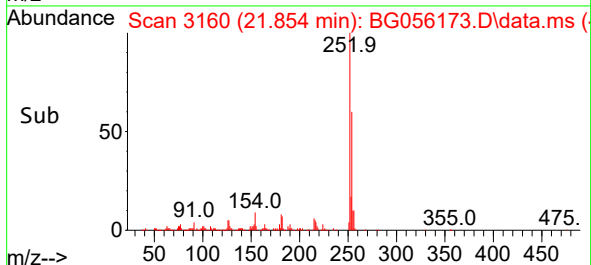
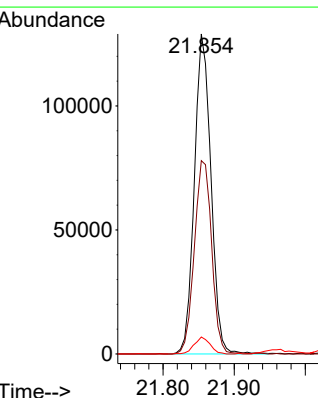
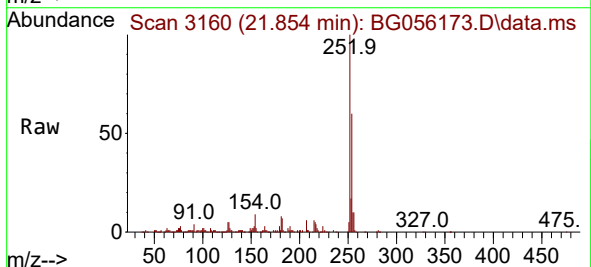
Tgt Ion:252 Resp: 209727

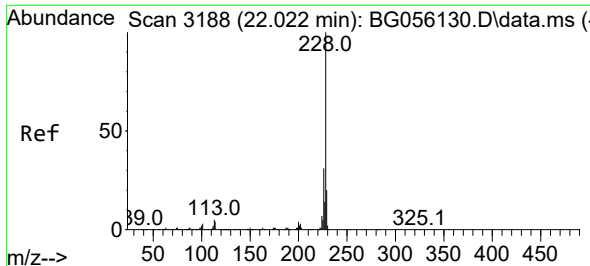
Ion Ratio Lower Upper

252 100

254 60.4 49.5 74.3

126 5.3 4.0 6.0





#83

Chrysene

Concen: 19.327 ng

RT: 22.030 min Scan# 3188

Delta R.T. 0.008 min

Lab File: BG056173.D

Acq: 30 Dec 2022 16:32

Instrument :

BNA\_G

ClientSampleId :

MM-4MS

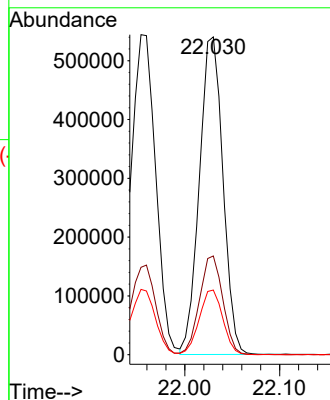
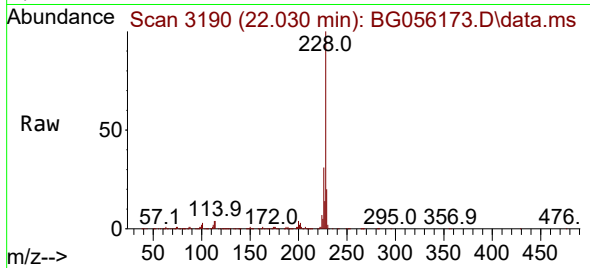
|             |              |
|-------------|--------------|
| Tgt Ion:228 | Resp: 932025 |
| Ion Ratio   | Lower Upper  |
| 228 100     |              |
| 226 31.1    | 24.6 36.8    |
| 229 20.4    | 15.8 23.6    |

Manual Integrations

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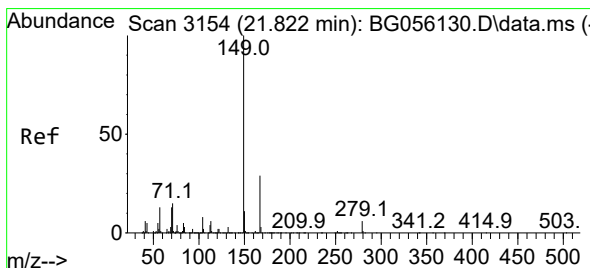
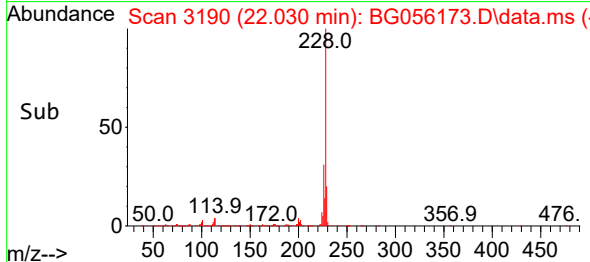
Supervised By :Yogesh Patel 01/03/2023



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01/03/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 19.299 ng

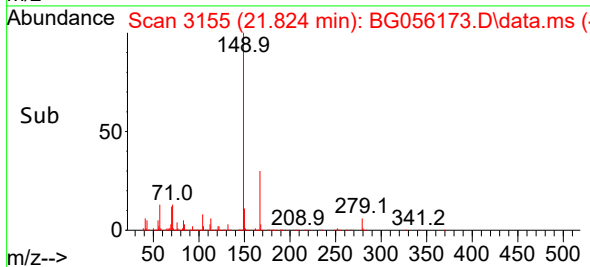
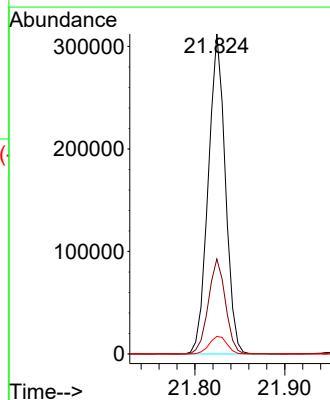
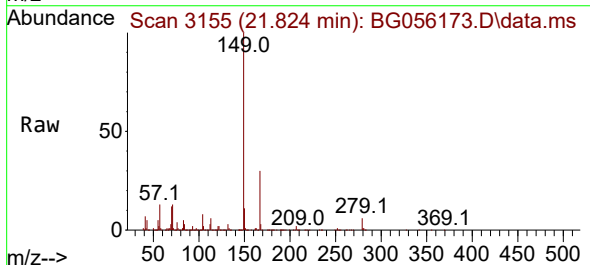
RT: 21.824 min Scan# 3155

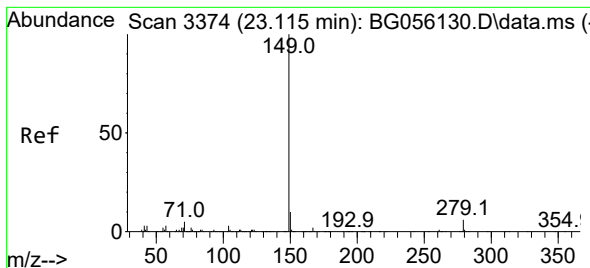
Delta R.T. 0.002 min

Lab File: BG056173.D

Acq: 30 Dec 2022 16:32

|             |              |
|-------------|--------------|
| Tgt Ion:149 | Resp: 412119 |
| Ion Ratio   | Lower Upper  |
| 149 100     |              |
| 167 29.7    | 23.4 35.2    |
| 279 5.5     | 4.7 7.1      |





#85

Di-n-octyl phthalate

Concen: 19.735 ng

RT: 23.111 min Scan# 3

Delta R.T. -0.004 min

Lab File: BG056173.D

Acq: 30 Dec 2022 16:32

Instrument :

BNA\_G

ClientSampleId :

MM-4MS

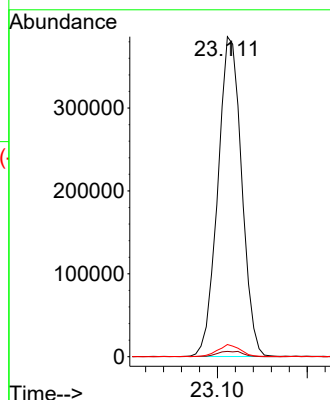
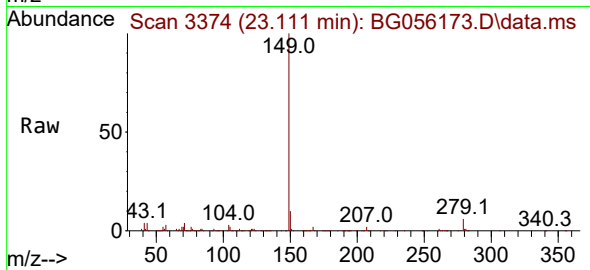
Tgt Ion:149 Resp: 711469

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.8   | 1.4   | 2.2   |
| 43  | 3.7   | 2.9   | 4.3   |

Manual Integrations

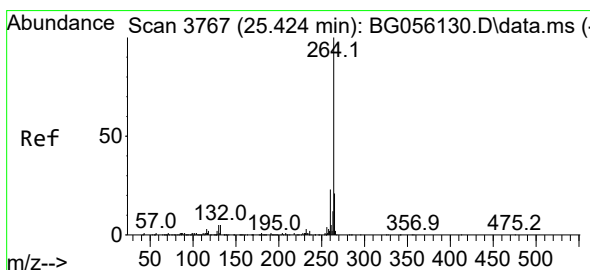
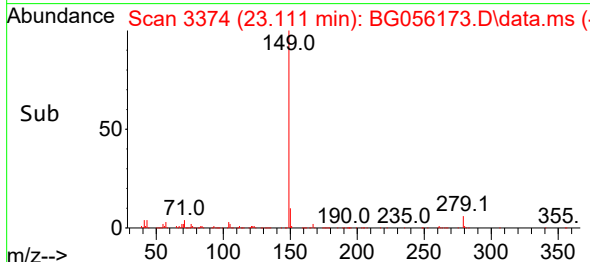
APPROVED

Reviewed By :Jagrut Upadhyay 01/03/2023  
Supervised By :Yogesh Patel 01/03/2023



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Supervised By :Yogesh  
Patel

01/03/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.438 min Scan# 3770

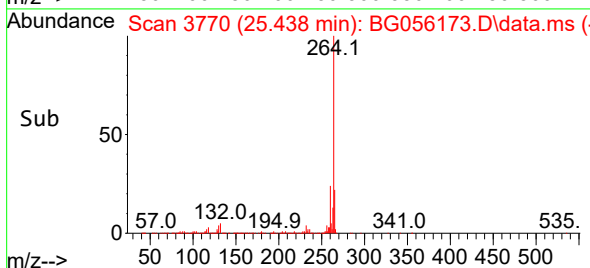
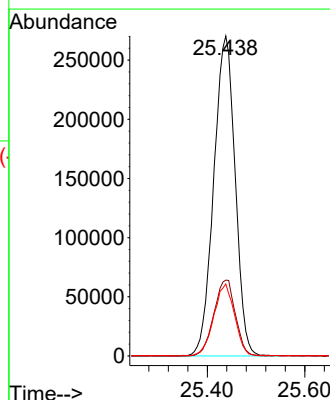
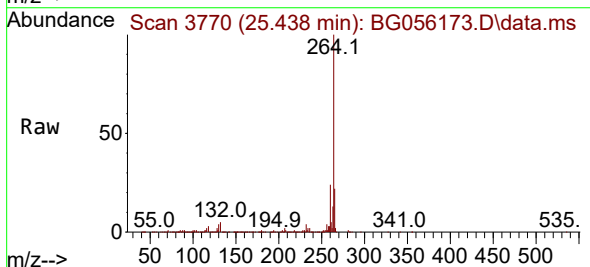
Delta R.T. 0.014 min

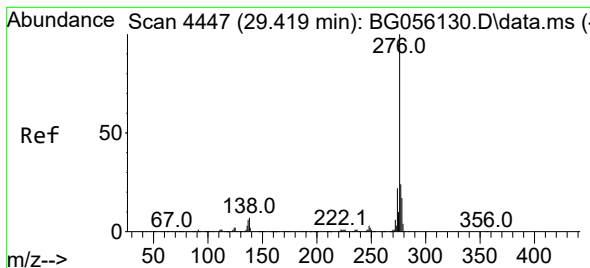
Lab File: BG056173.D

Acq: 30 Dec 2022 16:32

Tgt Ion:264 Resp: 824702

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.7  | 18.6  | 28.0  |
| 265 | 22.5  | 16.7  | 25.1  |





#87

Indeno(1,2,3-cd)pyrene

Concen: 19.831 ng

RT: 29.410 min Scan# 4447

Delta R.T. -0.010 min

Lab File: BG056173.D

Acq: 30 Dec 2022 16:32

Instrument :

BNA\_G

ClientSampleId :

MM-4MS

Tgt Ion:276 Resp: 118939

Ion Ratio Lower Upper

276 100

138 9.8 5.0 7.4

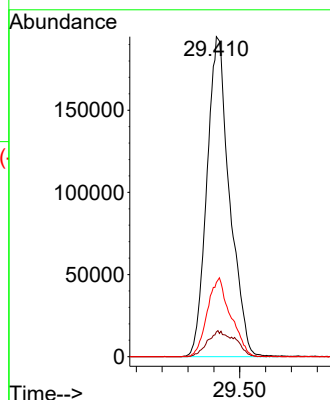
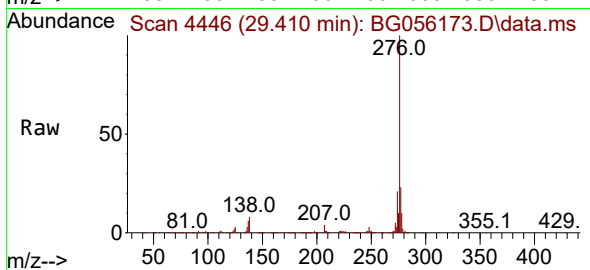
277 25.4 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/03/2023

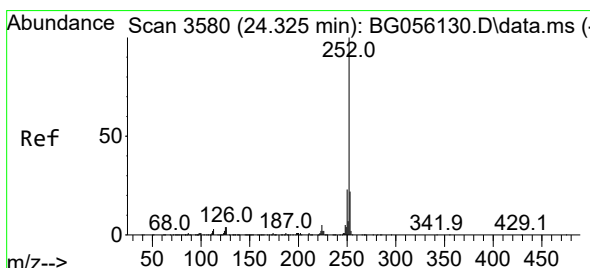
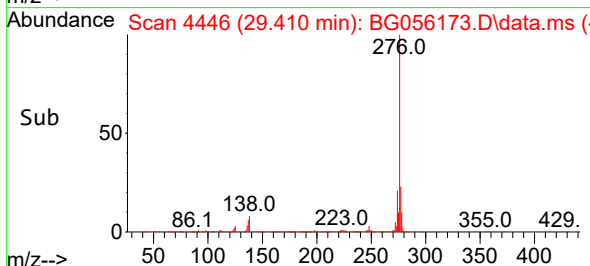
Supervised By :Yogesh Patel 01/03/2023



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#88

Benzo(b)fluoranthene

Concen: 20.144 ng

RT: 24.327 min Scan# 3581

Delta R.T. 0.002 min

Lab File: BG056173.D

Acq: 30 Dec 2022 16:32

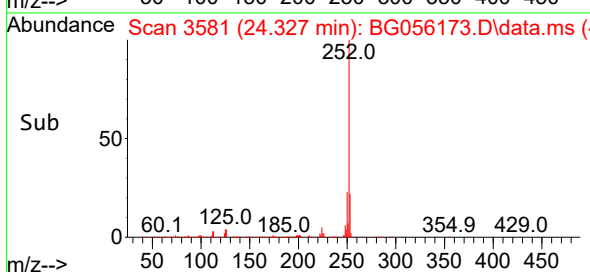
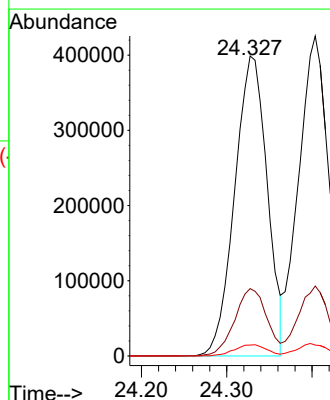
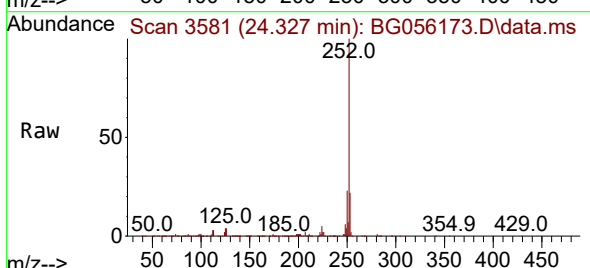
Tgt Ion:252 Resp: 1055515

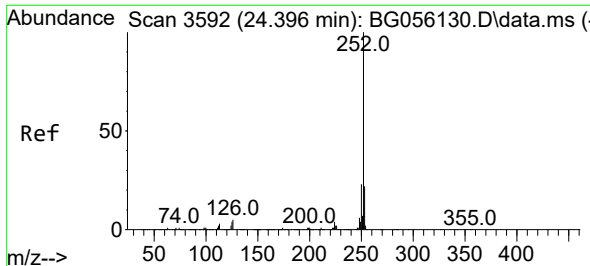
Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

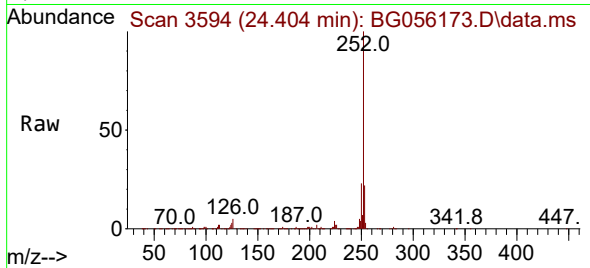
125 3.6 3.0 4.4





#89  
Benzo(k)fluoranthene  
Concen: 19.975 ng  
RT: 24.404 min Scan# 31  
Delta R.T. 0.008 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

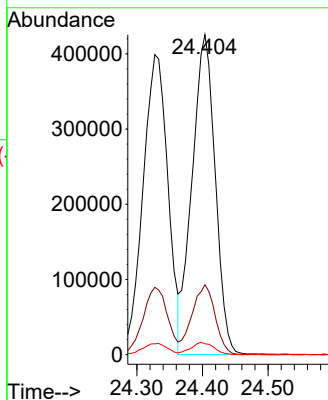
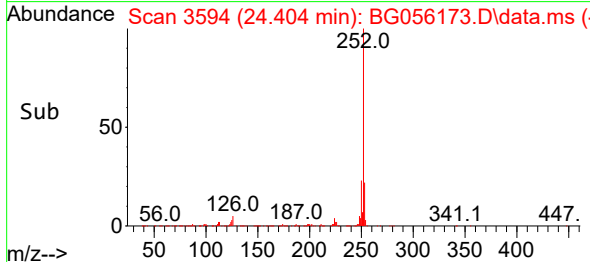
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS



Tgt Ion:252 Resp: 1042284  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.5 26.3  
125 3.4 3.4 5.0

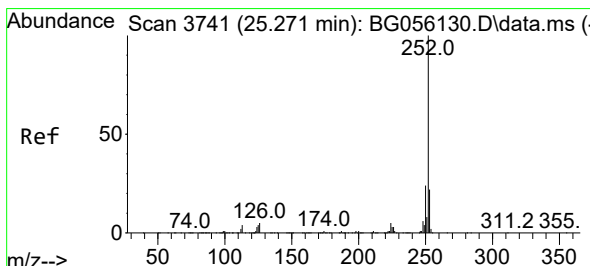
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 01/03/2023  
Supervised By :Yogesh Patel 01/03/2023

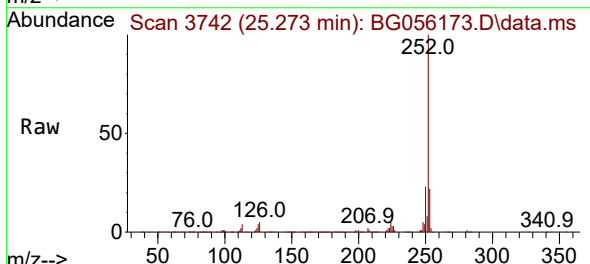


01/03/2023  
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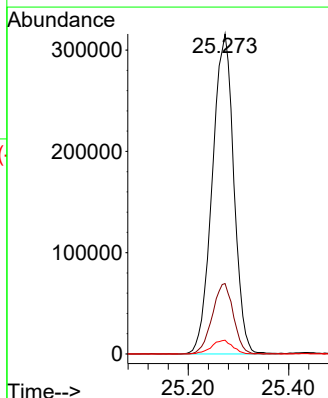
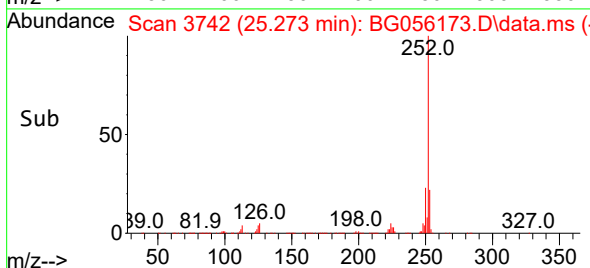
01/03/2023

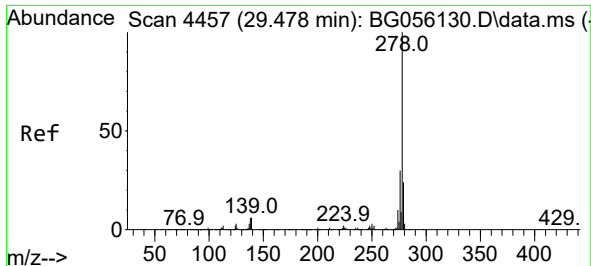


#90  
Benzo(a)pyrene  
Concen: 18.384 ng  
RT: 25.273 min Scan# 3742  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32



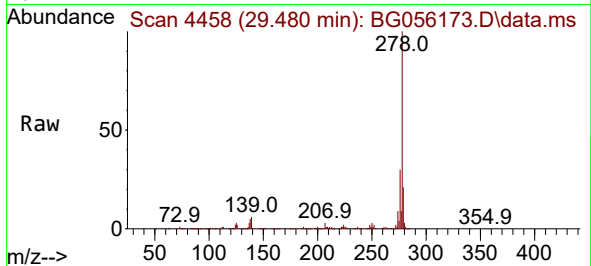
Tgt Ion:252 Resp: 939577  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.4 26.2  
125 4.3 3.2 4.8





#91  
Dibenzo(a,h)anthracene  
Concen: 19.652 ng  
RT: 29.480 min Scan# 4457  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

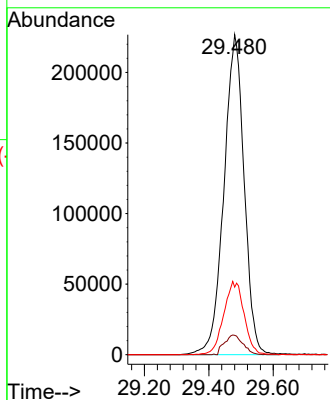
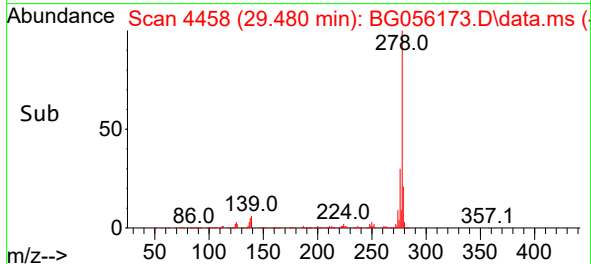
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS



Tgt Ion:278 Resp: 988224  
Ion Ratio Lower Upper  
278 100  
139 6.1 4.8 7.2  
279 21.1 19.0 28.4

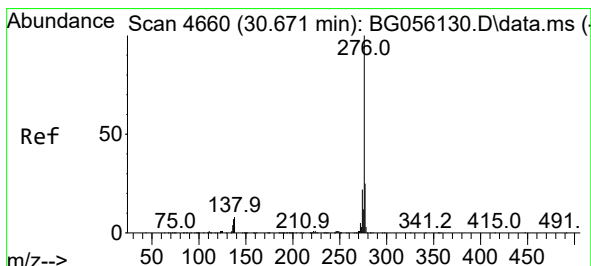
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 01/03/2023  
Supervised By :Yogesh Patel 01/03/2023



01/03/2023  
Supervised By :Yogesh  
Patel

01/03/2023



#92  
Benzo(g,h,i)perylene  
Concen: 19.601 ng  
RT: 30.667 min Scan# 4660  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion:276 Resp: 955815  
Ion Ratio Lower Upper  
276 100  
277 24.3 19.7 29.5  
138 7.9 6.7 10.1

