

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111721\  
 Data File : BG051090.D  
 Acq On : 17 Nov 2021 13:25  
 Operator : CG/JU  
 Sample : PB140760BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

PB140760BS

## Manual Integrations

## APPROVED

Reviewed By :Jagrut Upadhyay 11/17/2021  
 Supervised By :mohammad ahmed 11/24/2021

Quant Time: Nov 17 14:16:22 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111321.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 15 03:55:35 2021

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.230  | 152  | 30994    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.056 | 136  | 142776   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.857 | 164  | 98611    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.607 | 188  | 210877   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.908 | 240  | 163504   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 25.327 | 264  | 164786   | 20.000  | ng    | 0.02     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.762  | 112  | 272516   | 131.528 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.378  | 99   | 361773   | 123.707 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.405  | 82   | 246472   | 76.417  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.350 | 330  | 122638   | 124.275 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.477 | 172  | 501717   | 80.390  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.192 | 244  | 737656   | 82.551  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.606  | 88   | 25249    | 27.176  | ng    | 92       |
| 3) Pyridine                   | 4.023  | 79   | 67495    | 24.537  | ng    | # 86     |
| 4) n-Nitrosodimethylamine     | 3.935  | 42   | 47034    | 38.547  | ng    | # 43     |
| 6) Aniline                    | 7.548  | 93   | 147459   | 42.338  | ng    | 95       |
| 8) 2-Chlorophenol             | 7.789  | 128  | 100690   | 47.314  | ng    | 91       |
| 9) Benzaldehyde               | 7.360  | 77   | 72596    | 34.497  | ng    | 88       |
| 10) Phenol                    | 7.407  | 94   | 137966   | 45.937  | ng    | 84       |
| 11) bis(2-Chloroethyl)ether   | 7.636  | 93   | 97825    | 42.271  | ng    | 89       |
| 12) 1,3-Dichlorobenzene       | 8.112  | 146  | 98268    | 42.396  | ng    | 94       |
| 13) 1,4-Dichlorobenzene       | 8.265  | 146  | 100085   | 42.901  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.582  | 146  | 98797    | 43.604  | ng    | 95       |
| 15) Benzyl Alcohol            | 8.465  | 79   | 109960   | 47.804  | ng    | 91       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.741  | 45   | 146817   | 39.576  | ng    | 89       |
| 17) 2-Methylphenol            | 8.665  | 107  | 93180    | 46.596  | ng    | 91       |
| 18) Hexachloroethane          | 9.317  | 117  | 38004    | 42.915  | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 9.029  | 70   | 90886    | 42.055  | ng    | 90       |
| 20) 3+4-Methylphenols         | 8.994  | 107  | 129374   | 45.846  | ng    | 91       |
| 22) Acetophenone              | 9.058  | 105  | 155589   | 39.208  | ng    | # 93     |
| 24) Nitrobenzene              | 9.446  | 77   | 131825   | 41.456  | ng    | 93       |
| 25) Isophorone                | 9.969  | 82   | 238738   | 40.952  | ng    | # 95     |
| 26) 2-Nitrophenol             | 10.163 | 139  | 58623    | 43.377  | ng    | # 86     |
| 27) 2,4-Dimethylphenol        | 10.210 | 122  | 104168   | 50.568  | ng    | 92       |
| 28) bis(2-Chloroethoxy)met... | 10.445 | 93   | 136210   | 39.308  | ng    | 94       |
| 29) 2,4-Dichlorophenol        | 10.703 | 162  | 101281   | 45.984  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 10.915 | 180  | 104871   | 42.502  | ng    | 97       |
| 31) Naphthalene               | 11.109 | 128  | 315143   | 41.106  | ng    | 98       |
| 32) Benzoic acid              | 10.363 | 122  | 63531    | 40.016  | ng    | # 81     |
| 33) 4-Chloroaniline           | 11.214 | 127  | 109574   | 33.828  | ng    | 93       |
| 34) Hexachlorobutadiene       | 11.373 | 225  | 65172    | 43.408  | ng    | 97       |
| 35) Caprolactam               | 12.002 | 113  | 37426m   | 62.497  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 12.319 | 107  | 121258   | 44.128  | ng    | # 89     |
| 37) 2-Methylnaphthalene       | 12.701 | 142  | 229566   | 44.066  | ng    | 93       |
| 38) 1-Methylnaphthalene       | 12.918 | 142  | 211335   | 41.512  | ng    | 91       |
| 40) 1,2,4,5-Tetrachloroben... | 13.059 | 216  | 121403   | 42.260  | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 13.030 | 237  | 113120   | 115.627 | ng    | 92       |
| 43) 2,4,6-Trichlorophenol     | 13.300 | 196  | 87575    | 42.727  | ng    | 92       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111721\  
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 Sample : PB140760BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB140760BS

Manual Integrations  
 APPROVED

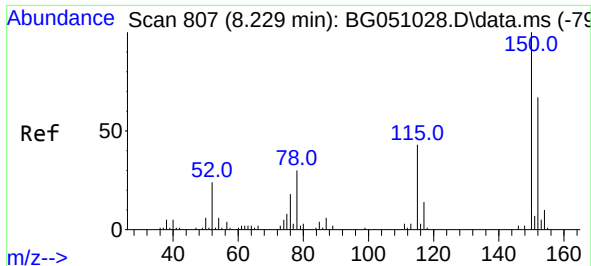
Reviewed By :Jagrut Upadhyay 11/17/2021  
 Supervised By :mohammad ahmed 11/24/2021

Quant Time: Nov 17 14:16:22 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 15 03:55:35 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.377 | 196  | 95733    | 43.795 | ng    | 90       |
| 46) 1,1'-Biphenyl             | 13.694 | 154  | 287292   | 39.897 | ng    | 96       |
| 47) 2-Chloronaphthalene       | 13.747 | 162  | 232822   | 41.236 | ng    | 96       |
| 48) 2-Nitroaniline            | 13.947 | 65   | 88733    | 41.040 | ng    | 91       |
| 49) Acenaphthylene            | 14.587 | 152  | 379901   | 41.604 | ng    | 96       |
| 50) Dimethylphthalate         | 14.299 | 163  | 311894   | 40.199 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.434 | 165  | 68447    | 42.864 | ng    | # 79     |
| 52) Acenaphthene              | 14.922 | 154  | 218614   | 41.087 | ng    | 93       |
| 53) 3-Nitroaniline            | 14.763 | 138  | 63054    | 33.786 | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 14.981 | 184  | 77613    | 88.879 | ng    | 86       |
| 55) Dibenzofuran              | 15.257 | 168  | 364651   | 40.294 | ng    | 95       |
| 56) 4-Nitrophenol             | 15.075 | 139  | 109750   | 76.871 | ng    | # 75     |
| 57) 2,4-Dinitrotoluene        | 15.222 | 165  | 97755    | 43.146 | ng    | 93       |
| 58) Fluorene                  | 15.903 | 166  | 291741   | 41.298 | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.480 | 232  | 79984    | 42.963 | ng    | # 100    |
| 60) Diethylphthalate          | 15.650 | 149  | 324617   | 39.872 | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.885 | 204  | 158719   | 41.597 | ng    | 96       |
| 62) 4-Nitroaniline            | 15.927 | 138  | 73381    | 37.827 | ng    | # 63     |
| 63) Azobenzene                | 16.179 | 77   | 334610   | 38.783 | ng    | 83       |
| 65) 4,6-Dinitro-2-methylph... | 15.991 | 198  | 53934    | 41.341 | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 16.103 | 169  | 264301   | 43.642 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 16.784 | 248  | 97832    | 44.290 | ng    | 92       |
| 68) Hexachlorobenzene         | 16.908 | 284  | 101254   | 46.569 | ng    | 97       |
| 69) Atrazine                  | 17.043 | 200  | 104061   | 69.109 | ng    | 95       |
| 70) Pentachlorophenol         | 17.254 | 266  | 110709   | 89.726 | ng    | 97       |
| 71) Phenanthrene              | 17.648 | 178  | 478906   | 42.576 | ng    | 97       |
| 72) Anthracene                | 17.742 | 178  | 487666   | 43.592 | ng    | 98       |
| 73) Carbazole                 | 18.012 | 167  | 435807   | 39.336 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.535 | 149  | 532277   | 40.550 | ng    | # 97     |
| 75) Fluoranthene              | 19.646 | 202  | 537115   | 38.921 | ng    | 96       |
| 77) Benzidine                 | 19.822 | 184  | 304068   | 98.385 | ng    | 98       |
| 78) Pyrene                    | 20.010 | 202  | 533923   | 43.529 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.868 | 149  | 213691   | 40.530 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.890 | 228  | 469230   | 41.795 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.790 | 252  | 147135   | 28.656 | ng    | # 98     |
| 83) Chrysene                  | 21.961 | 228  | 457857   | 43.231 | ng    | 95       |
| 84) Bis(2-ethylhexyl)phtha... | 21.749 | 149  | 306855   | 41.333 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 23.018 | 149  | 516995   | 41.370 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 29.276 | 276  | 525469   | 44.926 | ng    | # 93     |
| 88) Benzo(b)fluoranthene      | 24.234 | 252  | 475912   | 45.882 | ng    | # 94     |
| 89) Benzo(k)fluoranthene      | 24.305 | 252  | 454752   | 43.958 | ng    | # 97     |
| 90) Benzo(a)pyrene            | 25.163 | 252  | 459120   | 51.846 | ng    | # 95     |
| 91) Dibenzo(a,h)anthracene    | 29.329 | 278  | 443747   | 46.080 | ng    | # 92     |
| 92) Benzo(g,h,i)perylene      | 30.515 | 276  | 437224   | 46.136 | ng    | # 93     |

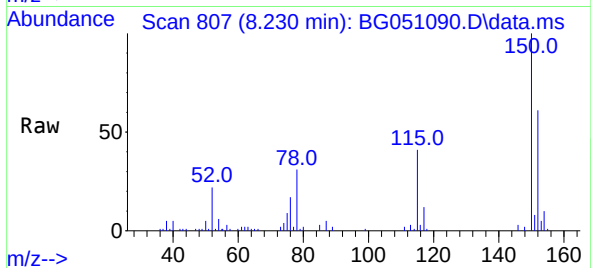
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.230 min Scan# 80  
Delta R.T. 0.001 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

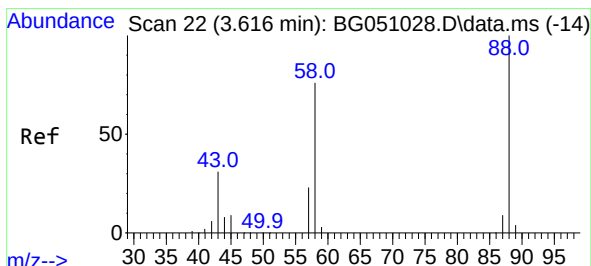
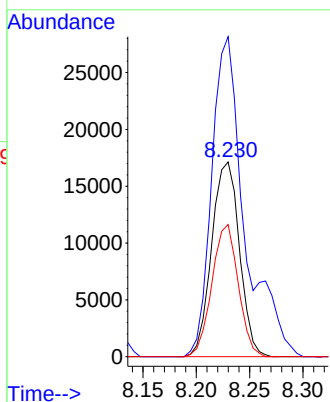
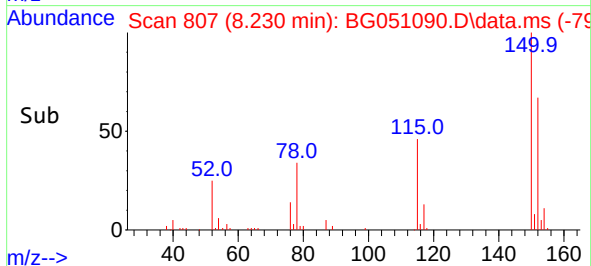
Instrument :  
BNA\_G  
ClientSampleId :  
PB140760BS



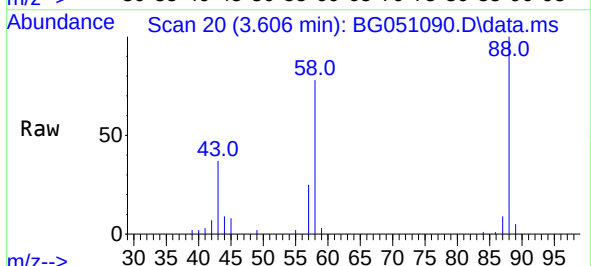
Tgt Ion:152 Resp: 30994  
Ion Ratio Lower Upper  
152 100  
150 164.3 119.4 179.0  
115 67.9 60.2 90.4

Manual Integrations  
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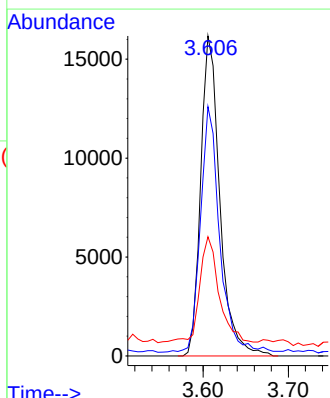
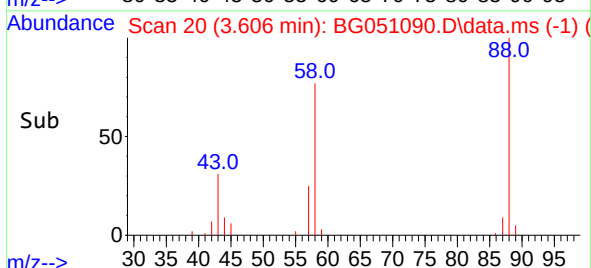
Reviewed By :Jagrut Upadhyay 11/17/2021  
Supervised By :mohammad ahmed 11/24/2021

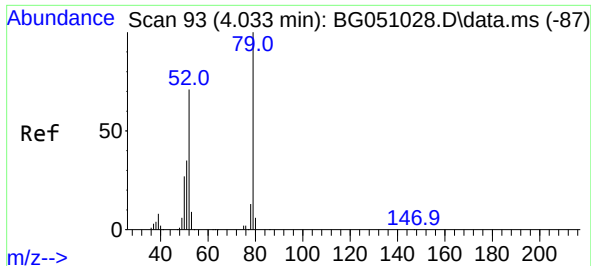


#2  
1,4-Dioxane  
Concen: 27.176 ng  
RT: 3.606 min Scan# 20  
Delta R.T. -0.010 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25



Tgt Ion: 88 Resp: 25249  
Ion Ratio Lower Upper  
88 100  
58 76.4 55.7 83.5  
43 32.8 29.3 43.9





#3  
Pyridine  
Concen: 24.537 ng  
RT: 4.023 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Instrument :

BNA\_G

ClientSampleId :

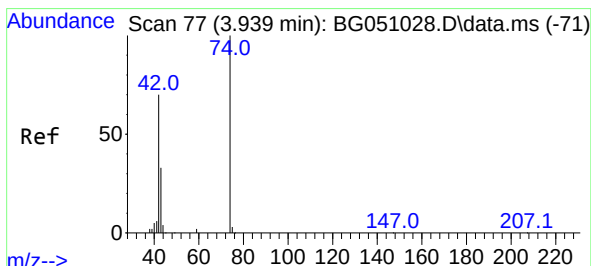
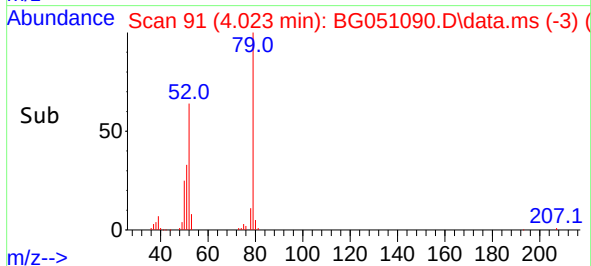
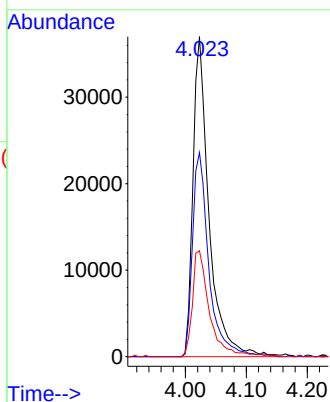
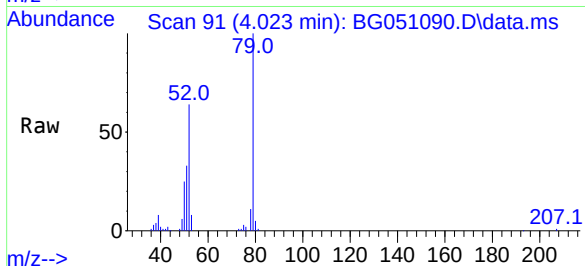
PB140760BS

Tgt Ion: 79 Resp: 6749  
Ion Ratio Lower Upper  
79 100  
52 63.8 58.4 87.6  
51 33.1 37.0 55.6

Manual Integrations

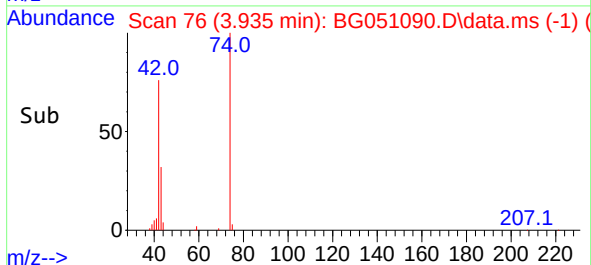
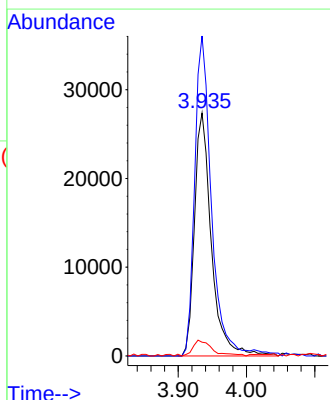
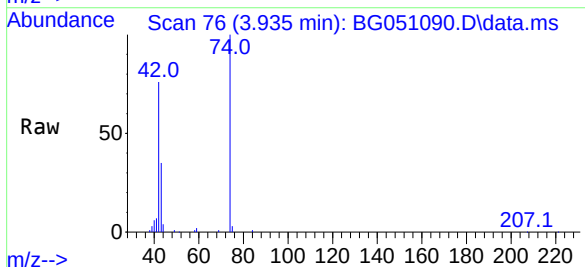
APPROVED

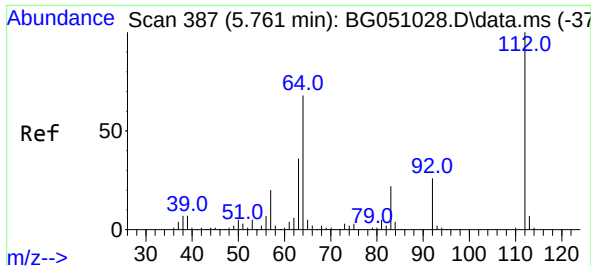
Reviewed By :Jagrut Upadhyay 11/17/2021  
Supervised By :mohammad ahmed 11/24/2021



#4  
n-Nitrosodimethylamine  
Concen: 38.547 ng  
RT: 3.935 min Scan# 76  
Delta R.T. -0.005 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Tgt Ion: 42 Resp: 47034  
Ion Ratio Lower Upper  
42 100  
74 131.8 64.0 96.0#  
44 5.7 2.7 4.1#





#5  
2-Fluorophenol  
Concen: 131.528 ng  
RT: 5.762 min Scan# 387  
Delta R.T. 0.001 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Instrument :

BNA\_G

ClientSampleId :

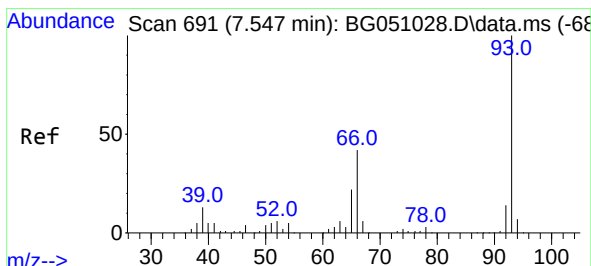
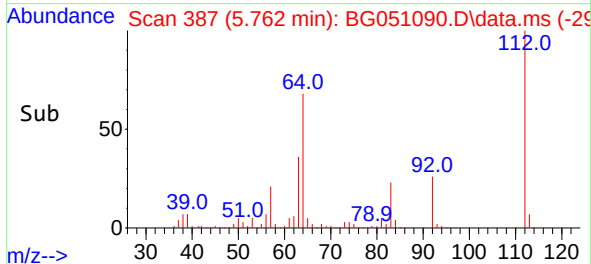
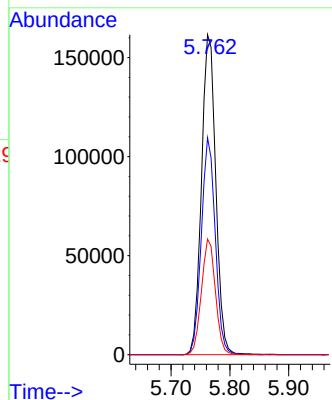
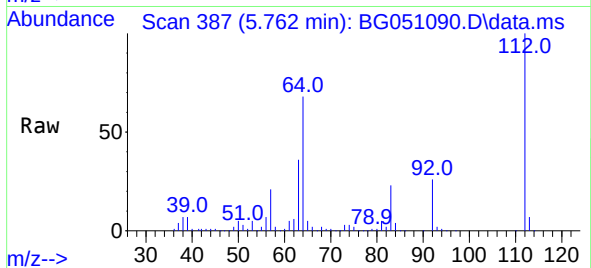
PB140760BS

Tgt Ion:112 Resp: 272510  
Ion Ratio Lower Upper  
112 100  
64 67.8 46.7 70.1  
63 36.2 35.3 52.9

Manual Integrations

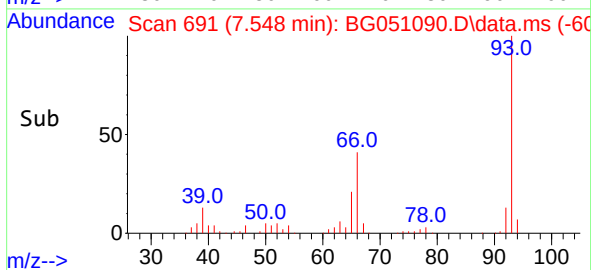
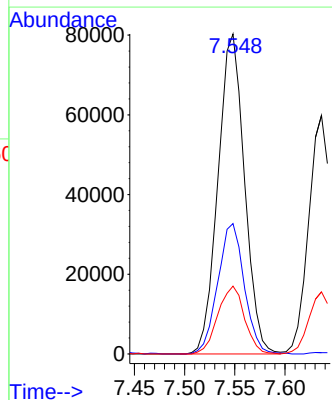
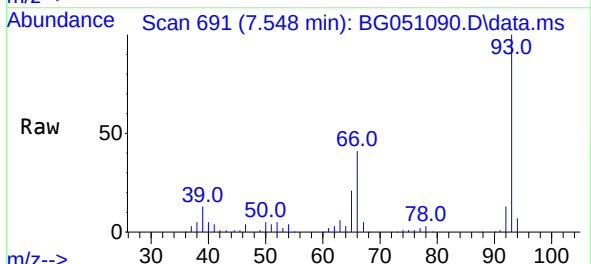
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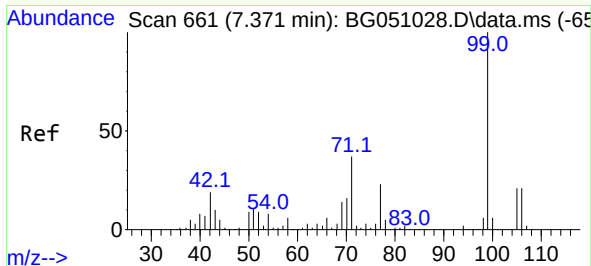
Reviewed By :Jagrut Upadhyay 11/17/2021  
Supervised By :mohammad ahmed 11/24/2021



#6  
Aniline  
Concen: 42.338 ng  
RT: 7.548 min Scan# 691  
Delta R.T. 0.001 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Tgt Ion: 93 Resp: 147459  
Ion Ratio Lower Upper  
93 100  
66 40.7 30.6 45.8  
65 21.2 15.0 22.4





#7  
Phenol-d6  
Concen: 123.707 ng  
RT: 7.378 min Scan# 661  
Delta R.T. 0.007 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Instrument :

BNA\_G

ClientSampleId :

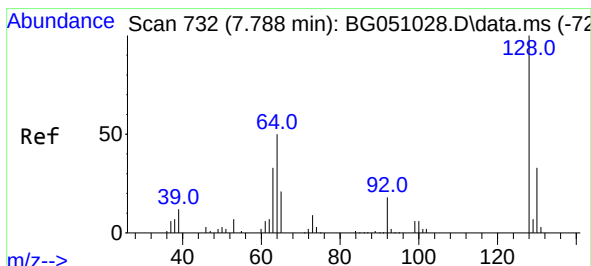
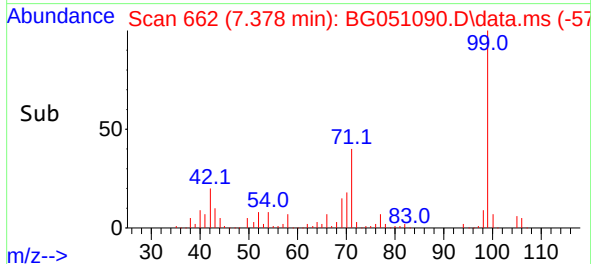
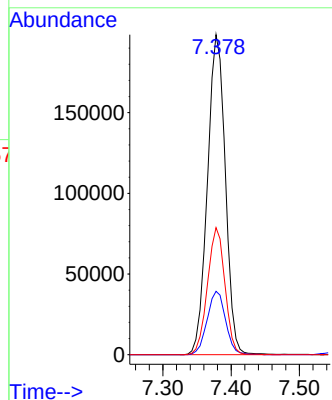
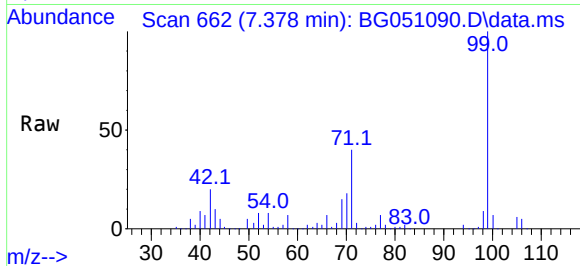
PB140760BS

Tgt Ion: 99 Resp: 36177  
Ion Ratio Lower Upper  
99 100  
42 19.8 20.5 30.7  
71 39.7 41.5 62.3

Manual Integrations

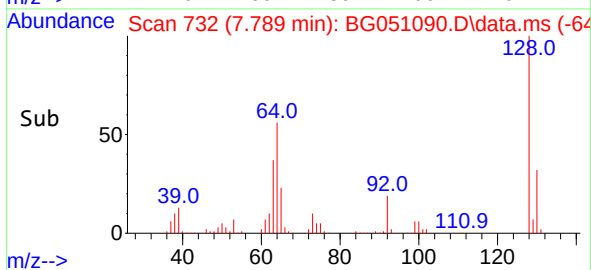
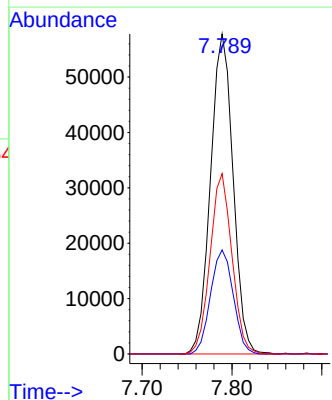
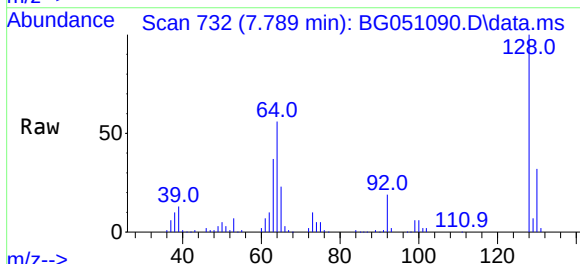
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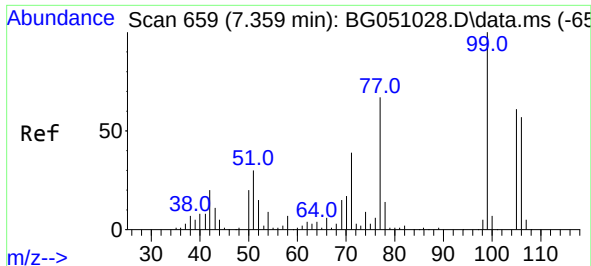
Reviewed By :Jagrut Upadhyay 11/17/2021  
Supervised By :mohammad ahmed 11/24/2021



#8  
2-Chlorophenol  
Concen: 47.314 ng  
RT: 7.789 min Scan# 732  
Delta R.T. 0.001 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Tgt Ion:128 Resp: 100690  
Ion Ratio Lower Upper  
128 100  
130 32.5 10.0 50.0  
64 56.3 28.1 68.1





#9  
Benzaldehyde  
Concen: 34.497 ng  
RT: 7.360 min Scan# 659  
Delta R.T. 0.001 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Instrument :

BNA\_G

ClientSampleId :

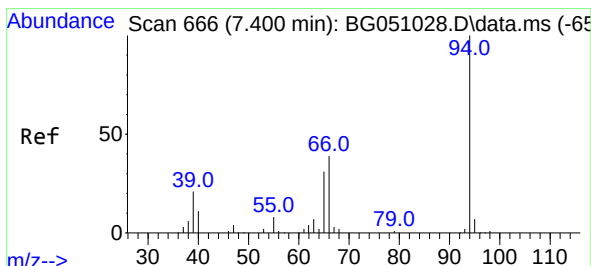
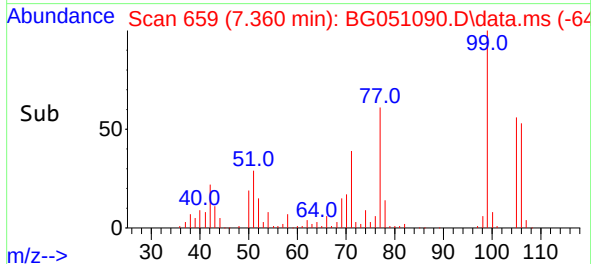
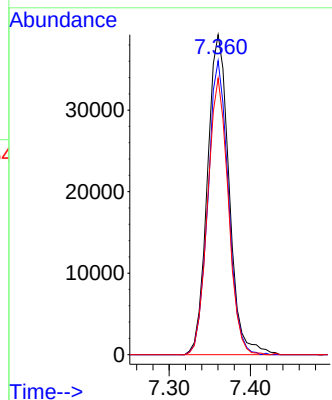
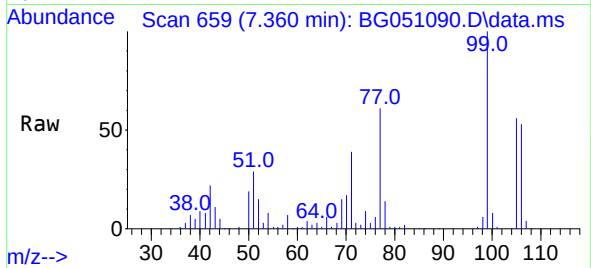
PB140760BS

Tgt Ion: 77 Resp: 72590  
Ion Ratio Lower Upper  
77 100  
105 91.8 68.8 108.8  
106 86.3 47.9 87.9

Manual Integrations

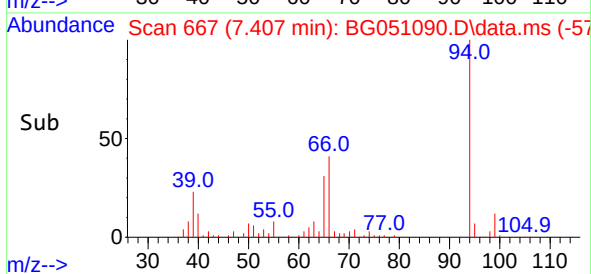
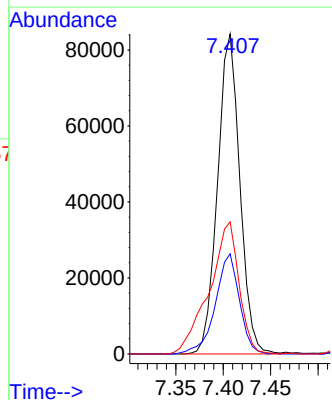
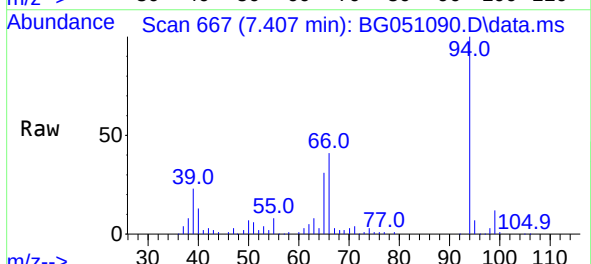
APPROVED

Reviewed By :Jagrut Upadhyay 11/17/2021  
Supervised By :mohammad ahmed 11/24/2021

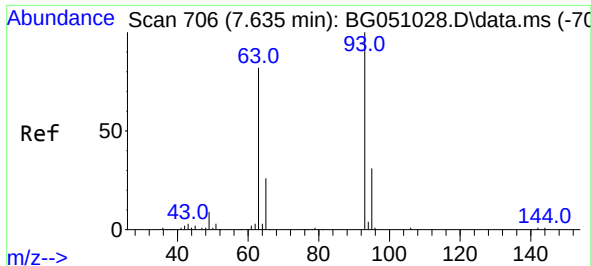


#10  
Phenol  
Concen: 45.937 ng  
RT: 7.407 min Scan# 667  
Delta R.T. 0.007 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Tgt Ion: 94 Resp: 137966  
Ion Ratio Lower Upper  
94 100  
65 31.3 12.9 52.9  
66 41.3 39.4 79.4







#11  
bis(2-Chloroethyl)ether  
Concen: 42.271 ng  
RT: 7.636 min Scan# 706  
Delta R.T. 0.001 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Instrument :

BNA\_G

ClientSampleId :

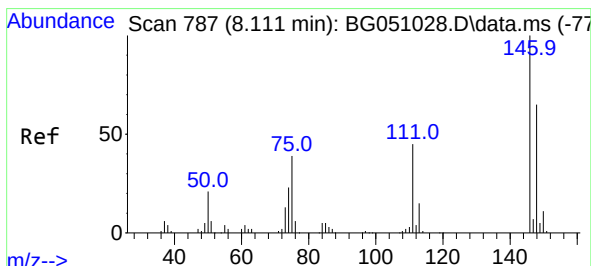
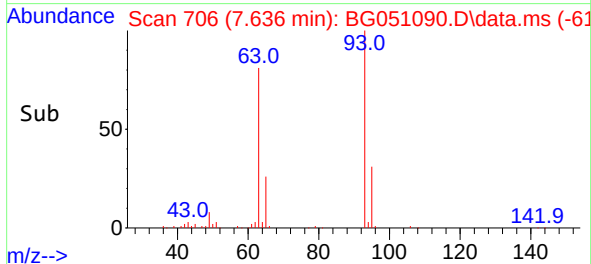
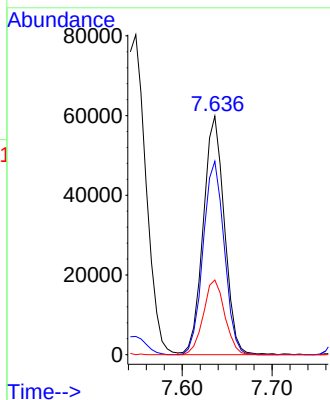
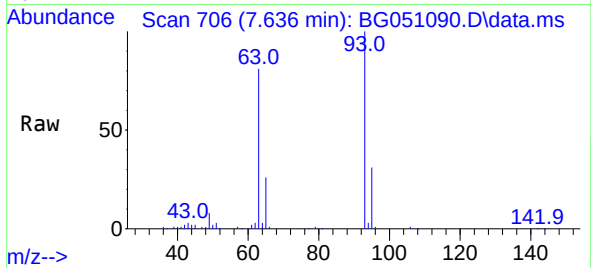
PB140760BS

Tgt Ion: 93 Resp: 97825  
Ion Ratio Lower Upper  
93 100  
63 81.1 50.4 90.4  
95 31.3 15.3 55.3

Manual Integrations

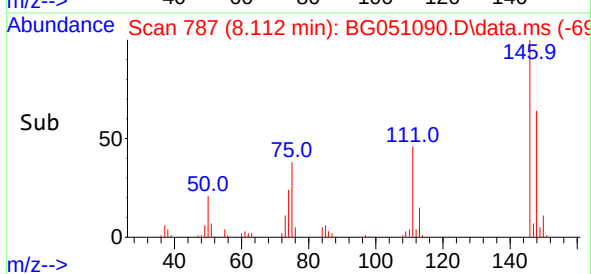
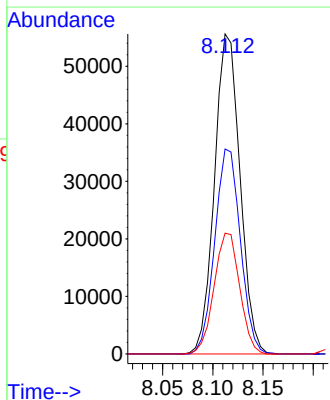
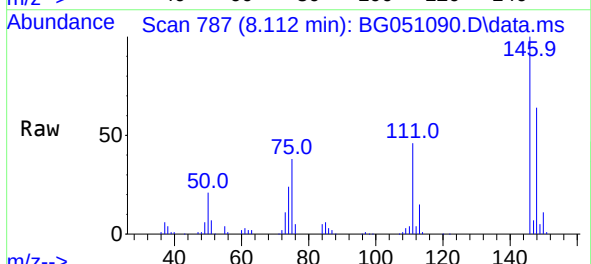
APPROVED

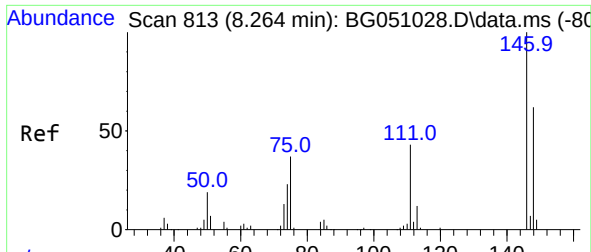
Reviewed By :Jagrut Upadhyay 11/17/2021  
Supervised By :mohammad ahmed 11/24/2021



#12  
1,3-Dichlorobenzene  
Concen: 42.396 ng  
RT: 8.112 min Scan# 787  
Delta R.T. 0.001 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

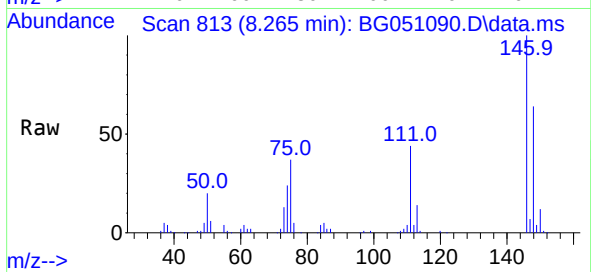
Tgt Ion:146 Resp: 98268  
Ion Ratio Lower Upper  
146 100  
148 64.0 52.6 78.8  
75 37.7 35.7 53.5





#13  
1,4-Dichlorobenzene  
Concen: 42.901 ng  
RT: 8.265 min Scan# 813  
Delta R.T. 0.001 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

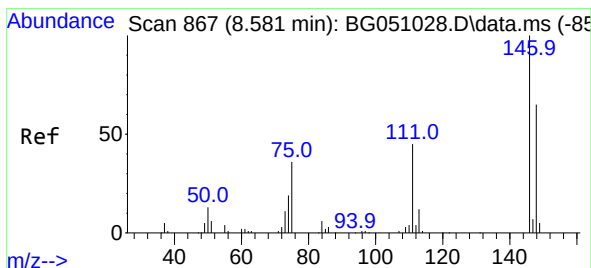
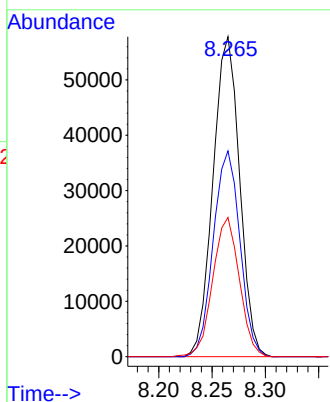
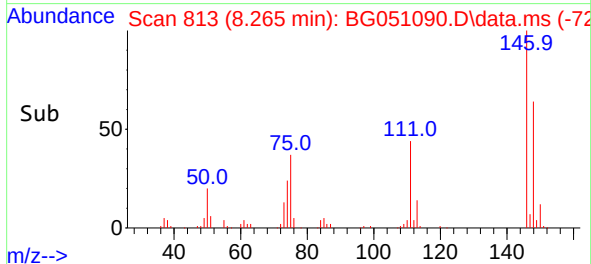
Instrument :  
BNA\_G  
ClientSampleId :  
PB140760BS



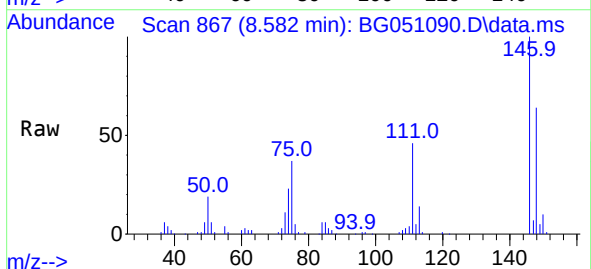
Tgt Ion:146 Resp: 100085  
Ion Ratio Lower Upper  
146 100  
148 64.3 54.0 81.0  
111 43.5 34.3 51.5

Manual Integrations  
APPROVED

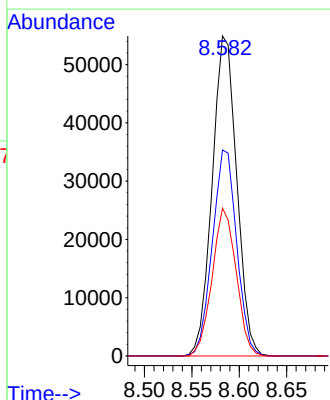
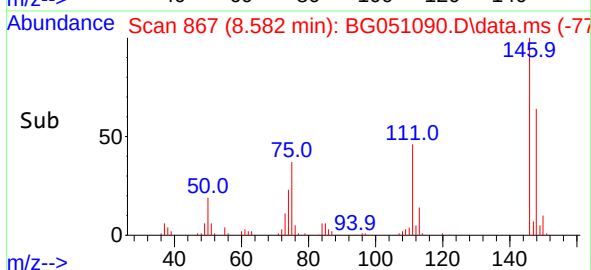
Reviewed By :Jagrut Upadhyay 11/17/2021  
Supervised By :mohammad ahmed 11/24/2021

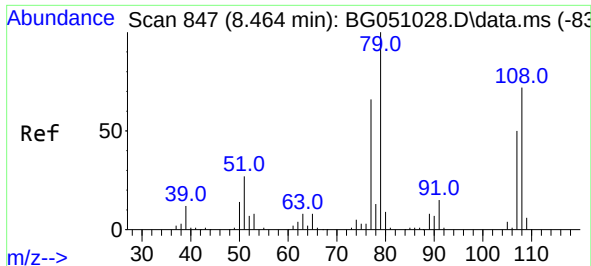


#14  
1,2-Dichlorobenzene  
Concen: 43.604 ng  
RT: 8.582 min Scan# 867  
Delta R.T. 0.001 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25



Tgt Ion:146 Resp: 98797  
Ion Ratio Lower Upper  
146 100  
148 64.4 47.5 71.3  
111 46.2 39.1 58.7





#15  
Benzyl Alcohol  
Concen: 47.804 ng  
RT: 8.465 min Scan# 847  
Delta R.T. 0.001 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Instrument :

BNA\_G

ClientSampleId :

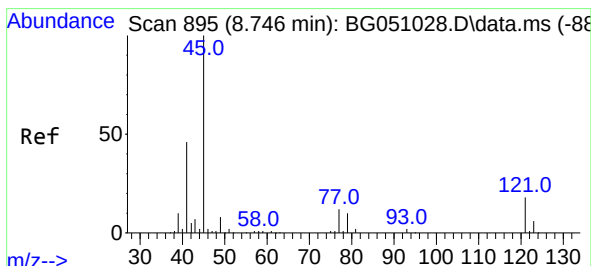
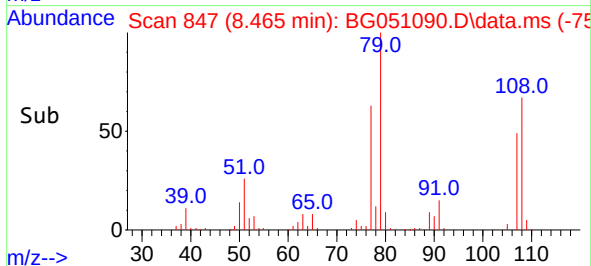
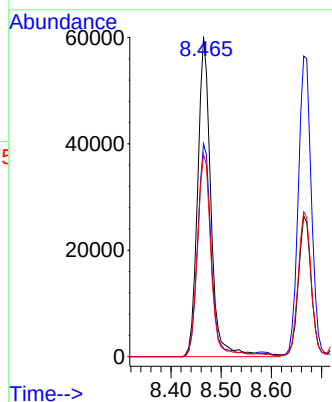
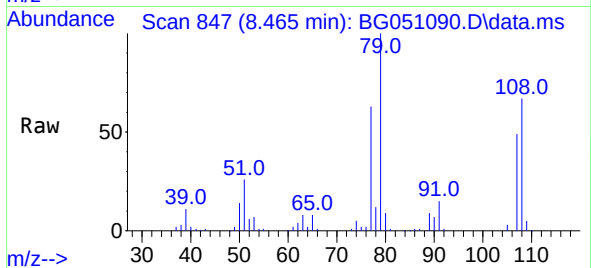
PB140760BS

Tgt Ion: 79 Resp: 109960  
Ion Ratio Lower Upper  
79 100  
108 66.6 48.2 72.4  
77 63.2 57.3 85.9

Manual Integrations

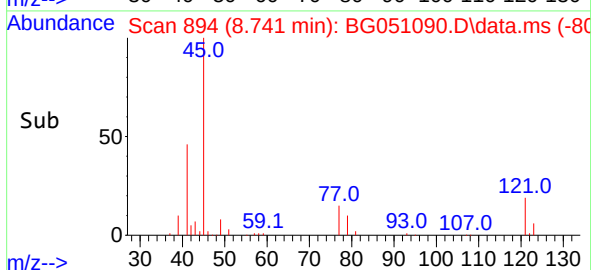
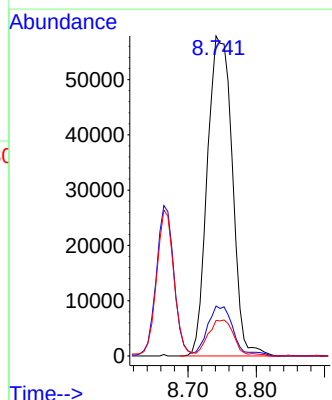
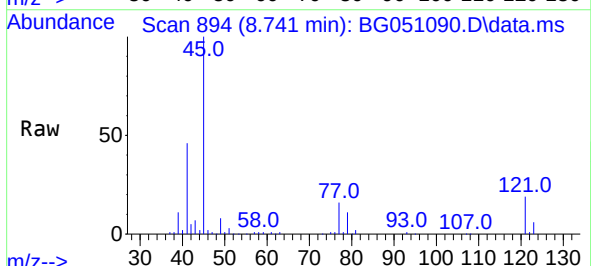
APPROVED

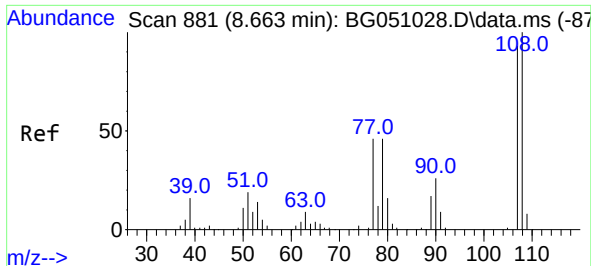
Reviewed By :Jagrut Upadhyay 11/17/2021  
Supervised By :mohammad ahmed 11/24/2021



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.576 ng  
RT: 8.741 min Scan# 894  
Delta R.T. -0.005 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Tgt Ion: 45 Resp: 146817  
Ion Ratio Lower Upper  
45 100  
77 15.6 2.2 42.2  
79 11.1 0.0 34.3





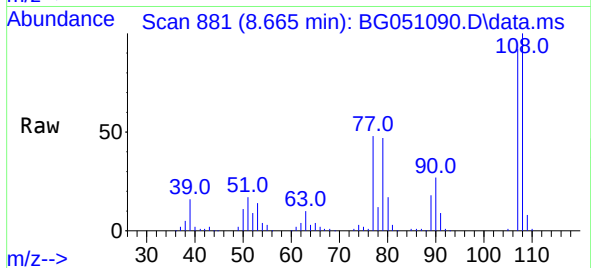
#17  
2-Methylphenol  
Concen: 46.596 ng  
RT: 8.665 min Scan# 881  
Delta R.T. 0.001 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Instrument :

BNA\_G

ClientSampleId :

PB140760BS

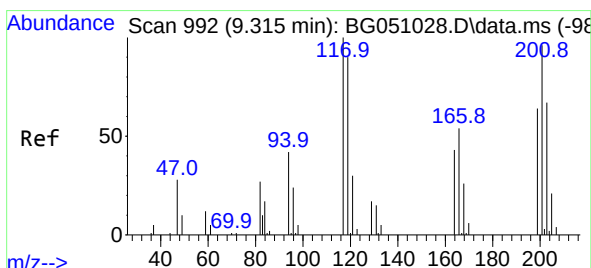
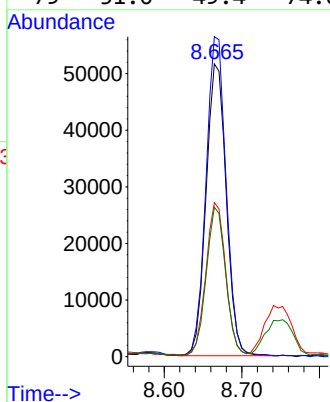
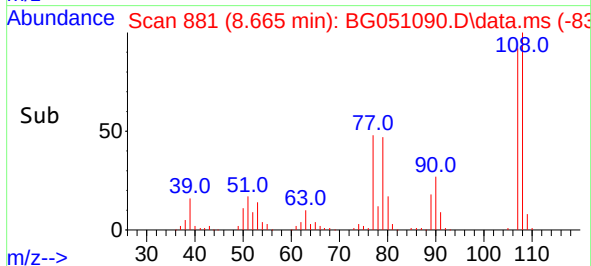


Tgt Ion:107 Resp: 93180  
Ion Ratio Lower Upper  
107 100  
108 109.3 84.6 127.0  
77 52.6 50.7 76.1  
79 51.0 49.4 74.0

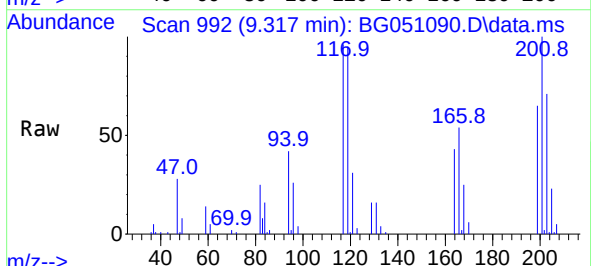
Manual Integrations

APPROVED

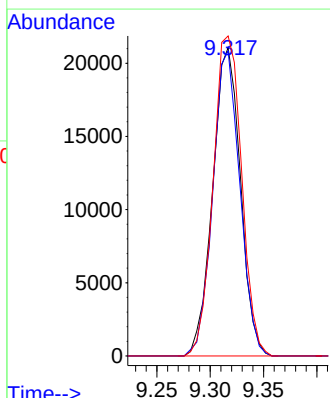
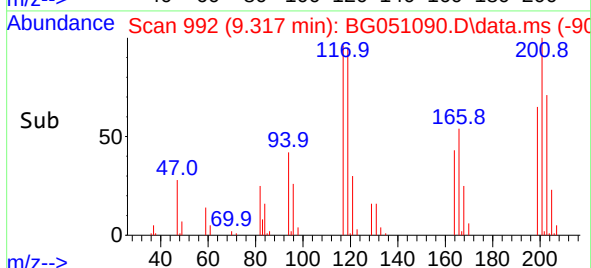
Reviewed By :Jagrut Upadhyay 11/17/2021  
Supervised By :mohammad ahmed 11/24/2021

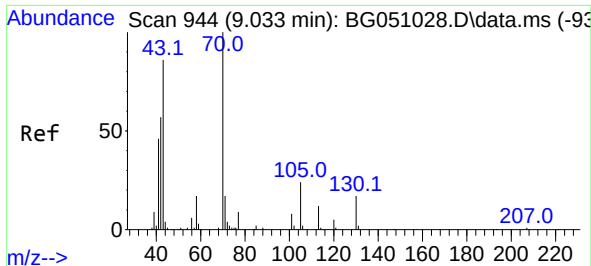


#18  
Hexachloroethane  
Concen: 42.915 ng  
RT: 9.317 min Scan# 992  
Delta R.T. 0.001 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25



Tgt Ion:117 Resp: 38004  
Ion Ratio Lower Upper  
117 100  
119 99.0 74.4 111.6  
201 105.9 88.6 133.0





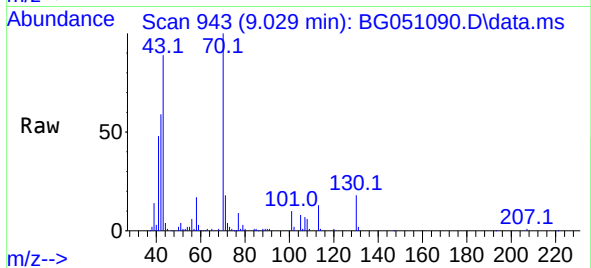
#19  
n-Nitroso-di-n-propylamine  
Concen: 42.055 ng  
RT: 9.029 min Scan# 944  
Delta R.T. -0.005 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Instrument :

BNA\_G

ClientSampleId :

PB140760BS

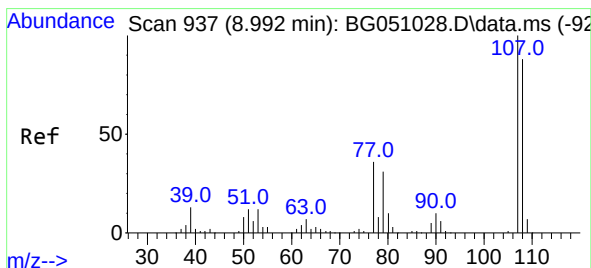
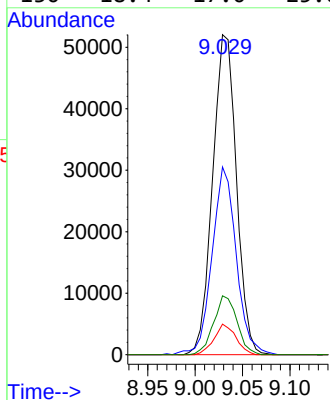
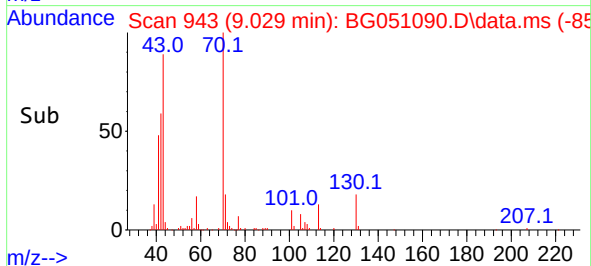


Tgt Ion: 70 Resp: 90880  
Ion Ratio Lower Upper  
70 100  
42 58.6 54.5 81.7  
101 9.5 9.0 13.6  
130 18.4 17.0 25.6

Manual Integrations

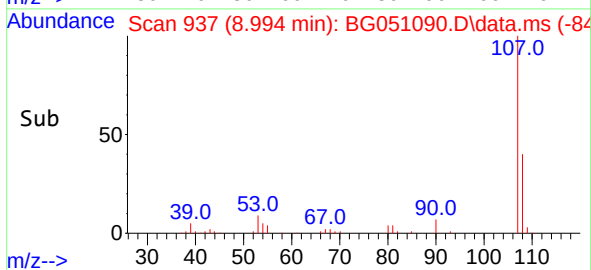
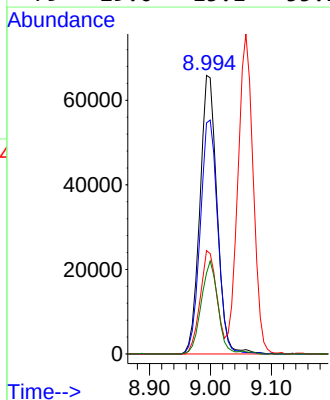
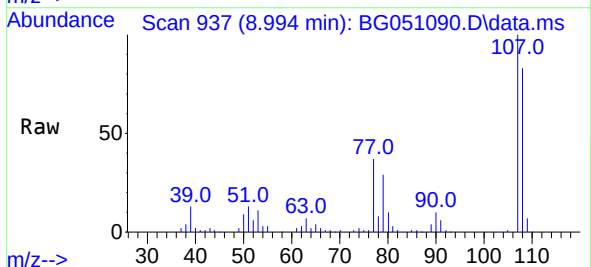
APPROVED

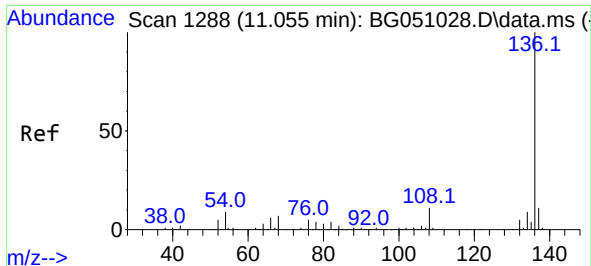
Reviewed By :Jagrut Upadhyay 11/17/2021  
Supervised By :mohammad ahmed 11/24/2021



#20  
3+4-Methylphenols  
Concen: 45.846 ng  
RT: 8.994 min Scan# 937  
Delta R.T. 0.001 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Tgt Ion:107 Resp: 129374  
Ion Ratio Lower Upper  
107 100  
108 82.9 69.3 109.3  
77 37.1 25.2 65.2  
79 29.0 15.1 55.1





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.056 min Scan# 1288  
Delta R.T. 0.001 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Instrument :

BNA\_G

ClientSampleId :

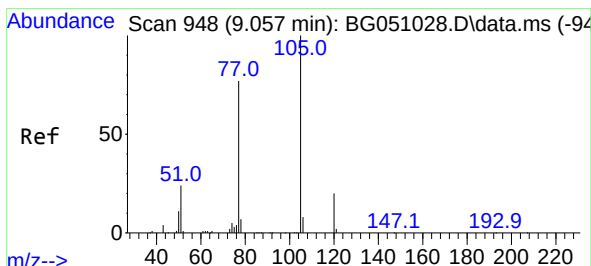
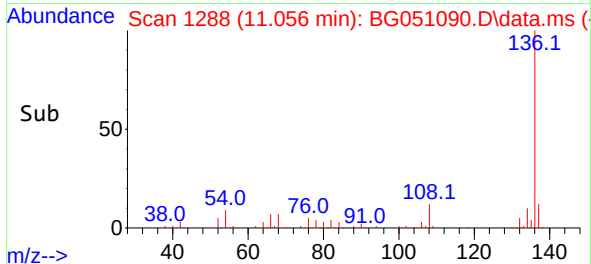
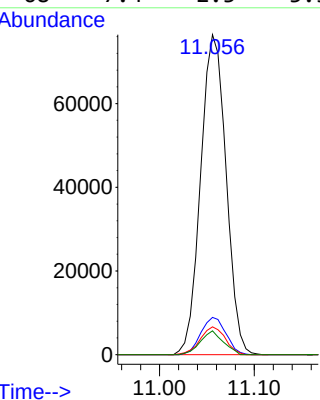
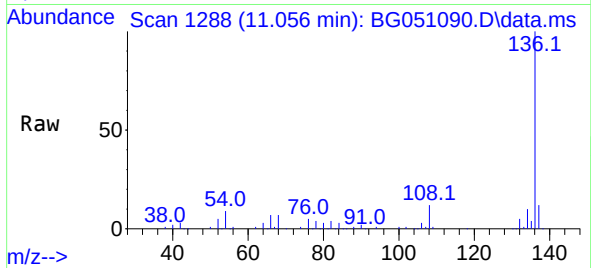
PB140760BS

Tgt Ion:136 Resp: 142770  
Ion Ratio Lower Upper  
136 100  
137 11.6 8.2 12.2  
54 8.7 5.5 8.3  
68 7.4 2.3 3.5#

Manual Integrations

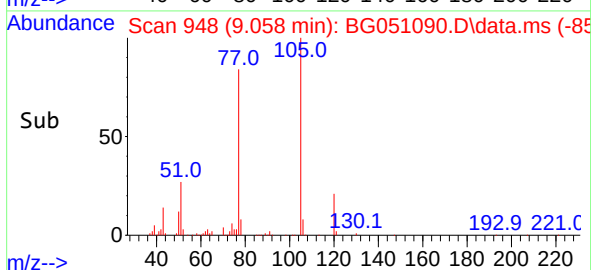
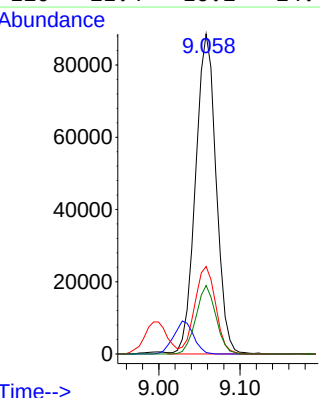
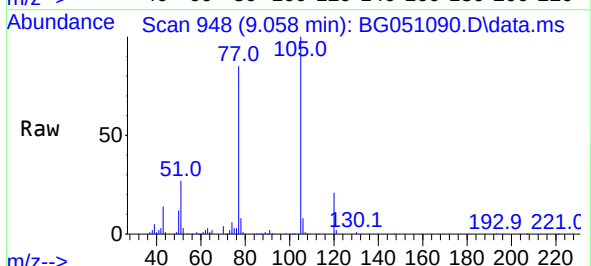
APPROVED

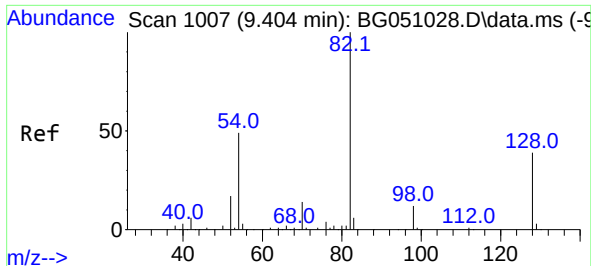
Reviewed By :Jagrut Upadhyay 11/17/2021  
Supervised By :mohammad ahmed 11/24/2021



#22  
Acetophenone  
Concen: 39.208 ng  
RT: 9.058 min Scan# 948  
Delta R.T. 0.001 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Tgt Ion:105 Resp: 155589  
Ion Ratio Lower Upper  
105 100  
71 0.4 0.6 0.8#  
51 27.4 26.6 40.0  
120 21.4 16.2 24.4





#23  
Nitrobenzene-d5  
Concen: 76.417 ng  
RT: 9.405 min Scan# 1007  
Delta R.T. 0.001 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Instrument :

BNA\_G

ClientSampleId :

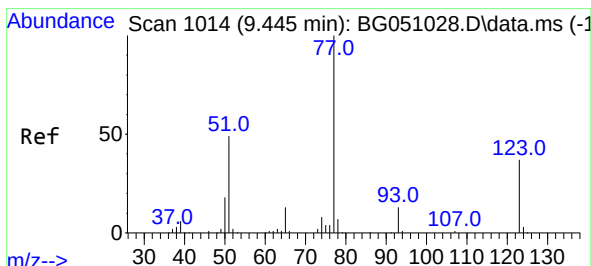
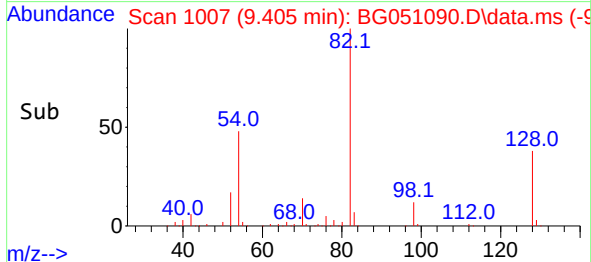
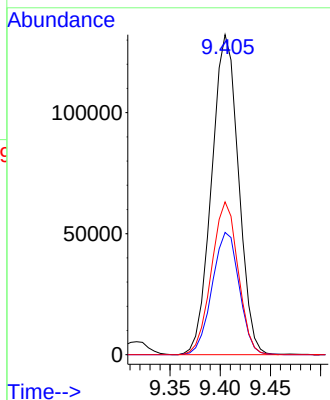
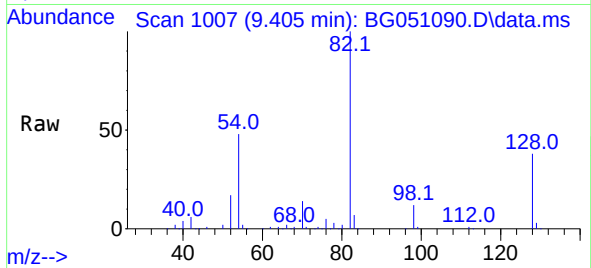
PB140760BS

Tgt Ion: 82 Resp: 246472  
Ion Ratio Lower Upper  
82 100  
128 38.2 29.8 44.6  
54 47.7 45.8 68.8

Manual Integrations

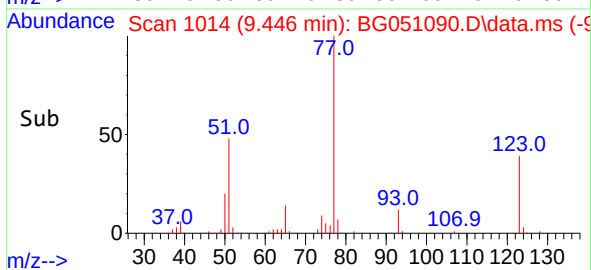
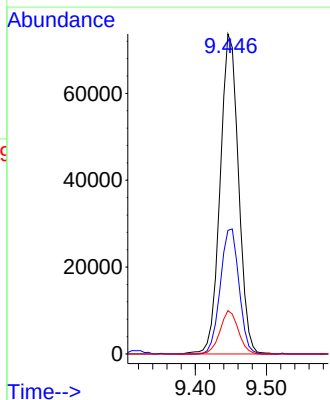
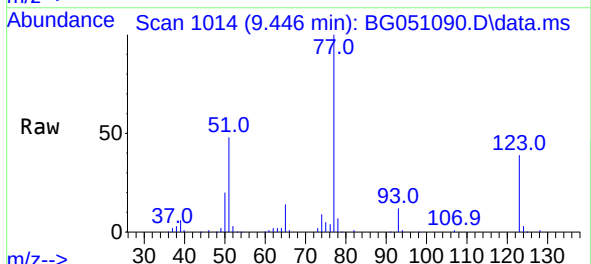
APPROVED

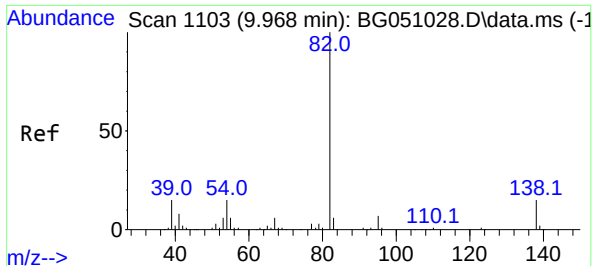
Reviewed By :Jagrut Upadhyay 11/17/2021  
Supervised By :mohammad ahmed 11/24/2021



#24  
Nitrobenzene  
Concen: 41.456 ng  
RT: 9.446 min Scan# 1014  
Delta R.T. 0.001 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Tgt Ion: 77 Resp: 131825  
Ion Ratio Lower Upper  
77 100  
123 38.7 27.5 41.3  
65 13.5 12.6 18.8





#25  
Isophorone  
Concen: 40.952 ng  
RT: 9.969 min Scan# 1103  
Delta R.T. 0.001 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Instrument :

BNA\_G

ClientSampleId :

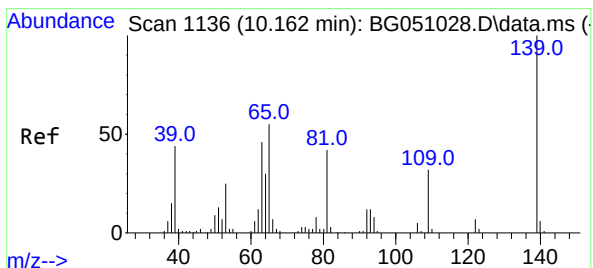
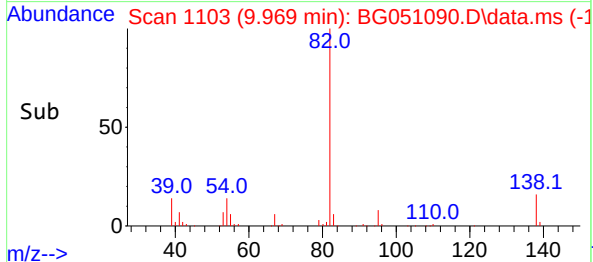
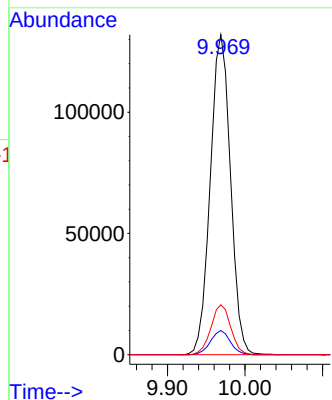
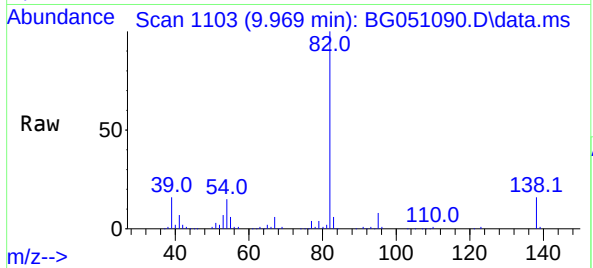
PB140760BS

Tgt Ion: 82 Resp: 238738  
Ion Ratio Lower Upper  
82 100  
95 7.6 8.5 12.7  
138 15.6 11.8 17.6

Manual Integrations

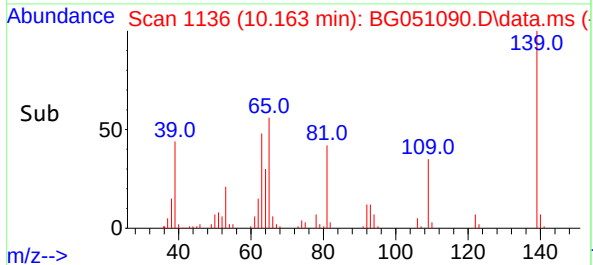
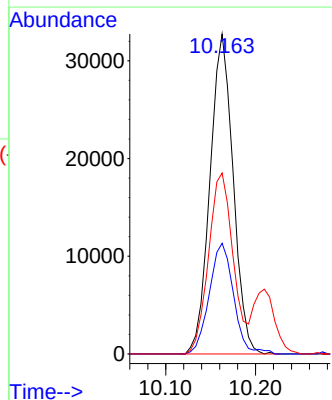
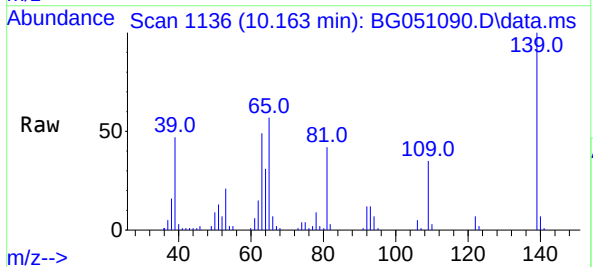
APPROVED

Reviewed By :Jagrut Upadhyay 11/17/2021  
Supervised By :mohammad ahmed 11/24/2021

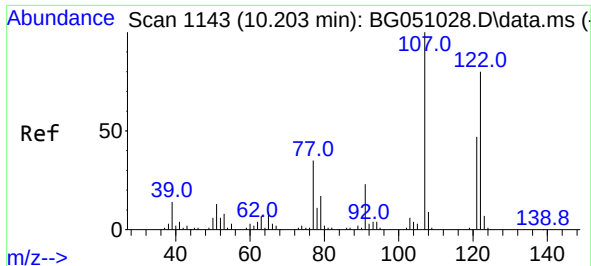


#26  
2-Nitrophenol  
Concen: 43.377 ng  
RT: 10.163 min Scan# 1136  
Delta R.T. 0.001 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Tgt Ion:139 Resp: 58623  
Ion Ratio Lower Upper  
139 100  
109 34.6 37.8 56.6  
65 56.6 51.8 77.8







#27

2,4-Dimethylphenol

Concen: 50.568 ng

RT: 10.210 min Scan# 1144

Delta R.T. 0.007 min

Lab File: BG051090.D

Acq: 17 Nov 2021 13:25

Instrument :

BNA\_G

ClientSampleId :

PB140760BS

Tgt Ion:122 Resp: 10416

Ion Ratio Lower Upper

122 100

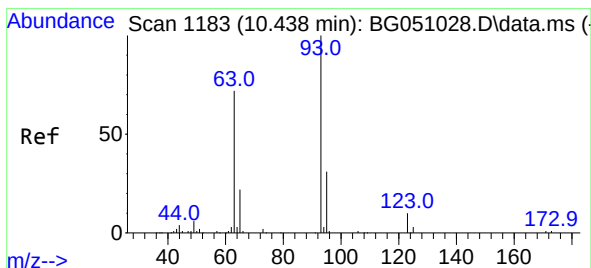
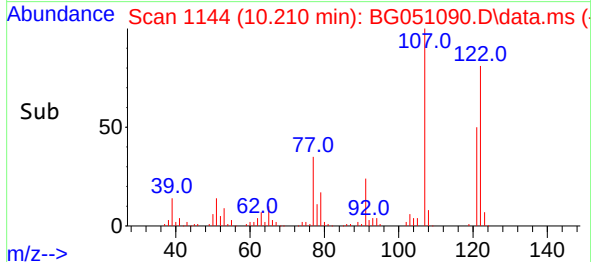
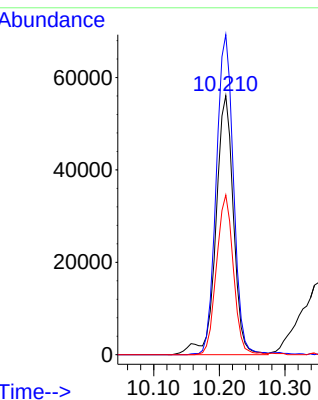
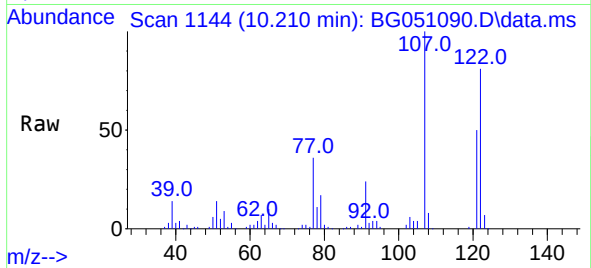
107 123.5 110.1 165.1

121 61.6 49.0 73.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/17/2021  
Supervised By :mohammad ahmed 11/24/2021



#28

bis(2-Chloroethoxy)methane

Concen: 39.308 ng

RT: 10.445 min Scan# 1184

Delta R.T. 0.007 min

Lab File: BG051090.D

Acq: 17 Nov 2021 13:25

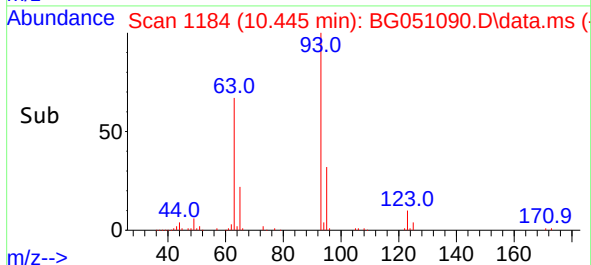
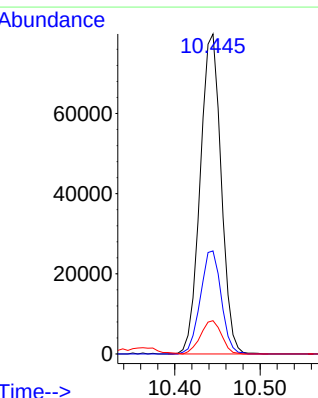
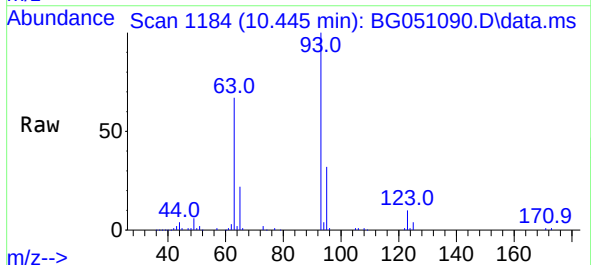
Tgt Ion: 93 Resp: 136210

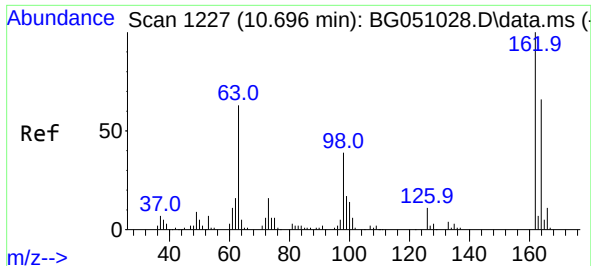
Ion Ratio Lower Upper

93 100

95 32.2 22.2 33.4

123 10.4 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 45.984 ng

RT: 10.703 min Scan# 1228

Delta R.T. 0.007 min

Lab File: BG051090.D

Acq: 17 Nov 2021 13:25

Instrument :

BNA\_G

ClientSampleId :

PB140760BS

Tgt Ion:162 Resp: 10128

Ion Ratio Lower Upper

162 100

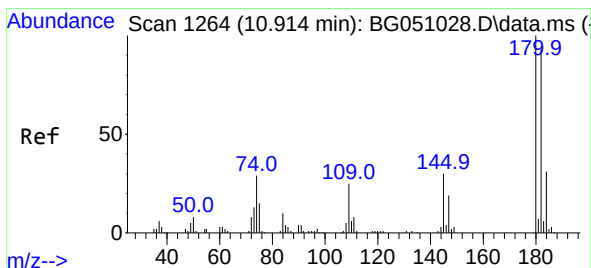
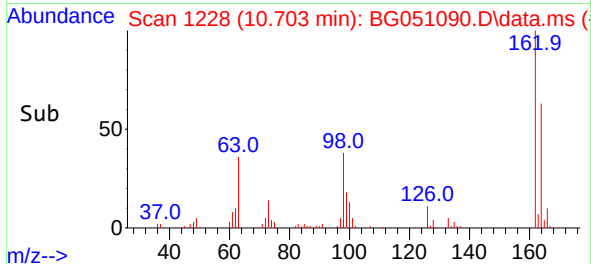
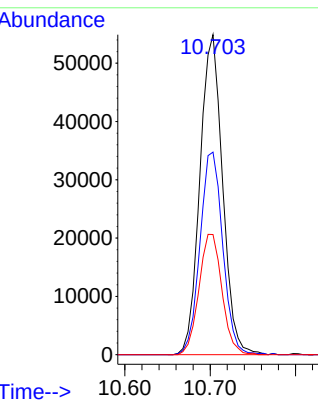
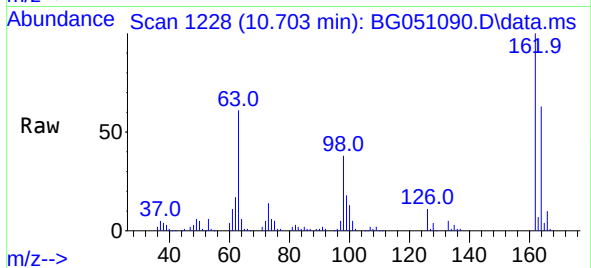
164 63.3 39.4 79.4

98 37.6 18.7 58.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/17/2021  
Supervised By :mohammad ahmed 11/24/2021



#30

1,2,4-Trichlorobenzene

Concen: 42.502 ng

RT: 10.915 min Scan# 1264

Delta R.T. 0.001 min

Lab File: BG051090.D

Acq: 17 Nov 2021 13:25

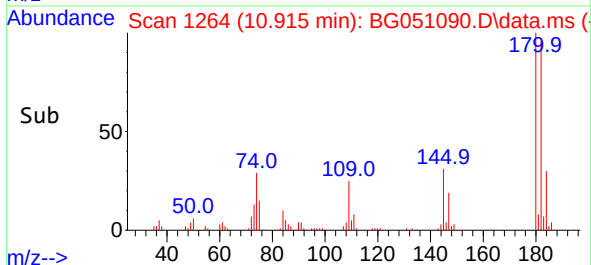
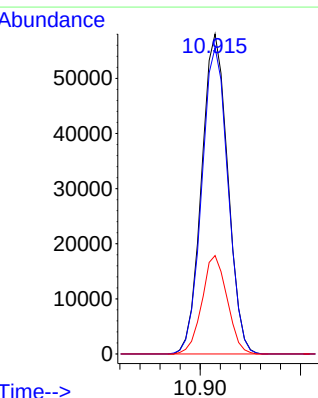
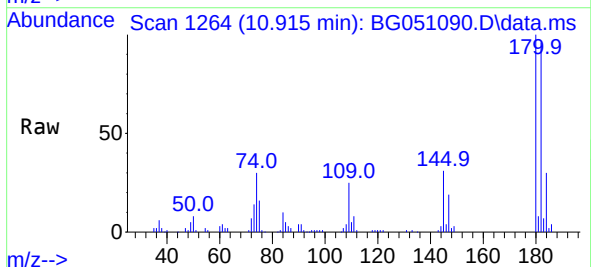
Tgt Ion:180 Resp: 104871

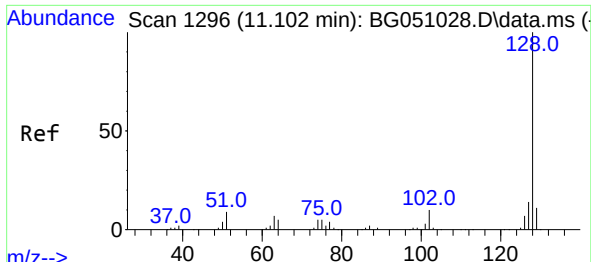
Ion Ratio Lower Upper

180 100

182 95.8 78.9 118.3

145 30.7 26.2 39.4





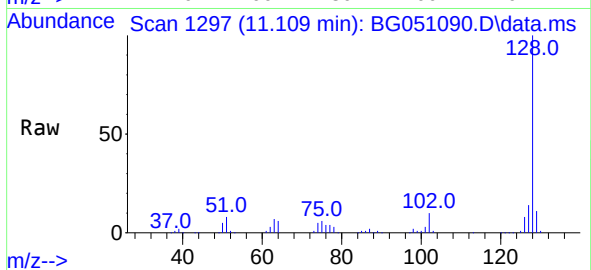
#31  
Naphthalene  
Concen: 41.106 ng  
RT: 11.109 min Scan# 1170  
Delta R.T. 0.007 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Instrument :

BNA\_G

ClientSampleId :

PB140760BS

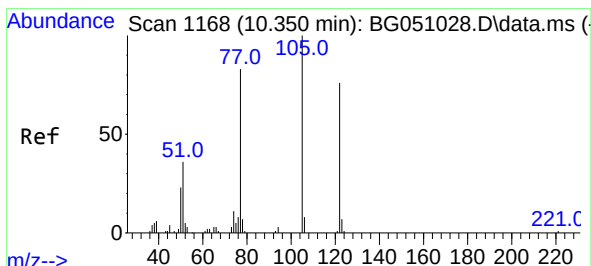
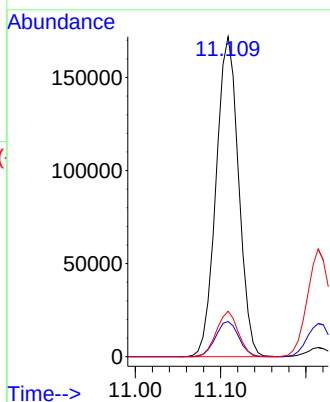
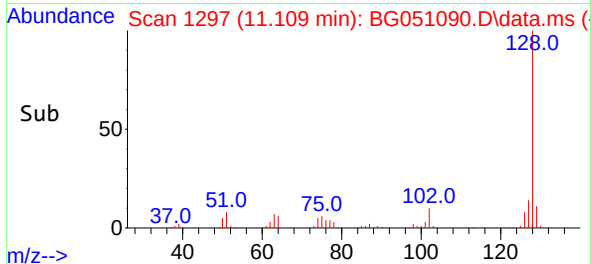


Tgt Ion:128 Resp: 31514  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.5 12.7  
127 14.2 10.2 15.4

Manual Integrations

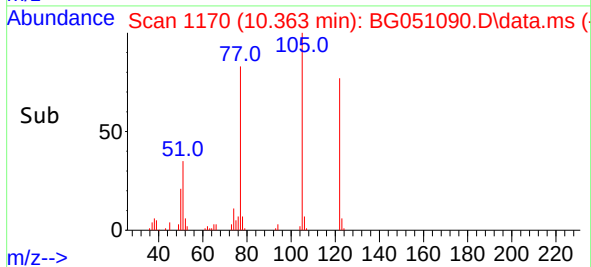
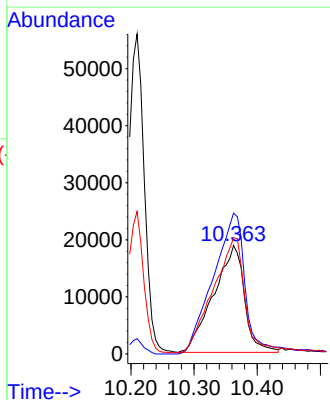
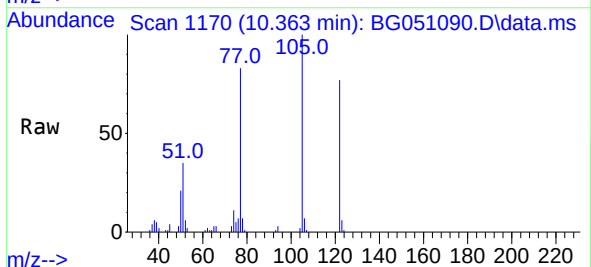
APPROVED

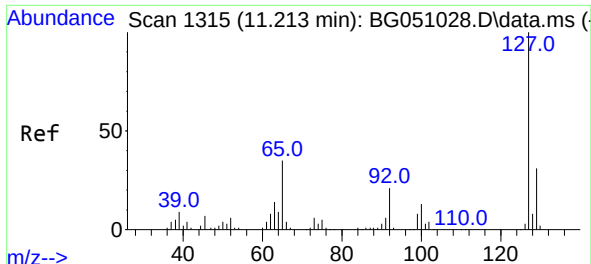
Reviewed By :Jagrut Upadhyay 11/17/2021  
Supervised By :mohammad ahmed 11/24/2021



#32  
Benzoic acid  
Concen: 40.016 ng  
RT: 10.363 min Scan# 1170  
Delta R.T. 0.013 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Tgt Ion:122 Resp: 63531  
Ion Ratio Lower Upper  
122 100  
105 129.8 92.3 132.3  
77 107.1 66.5 106.5#





#33  
4-Chloroaniline  
Concen: 33.828 ng  
RT: 11.214 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Instrument :

BNA\_G

ClientSampleId :

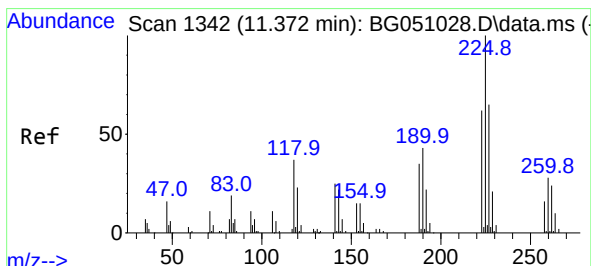
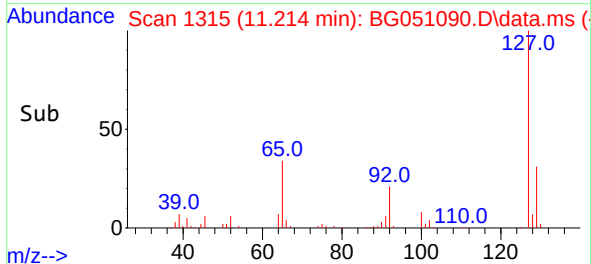
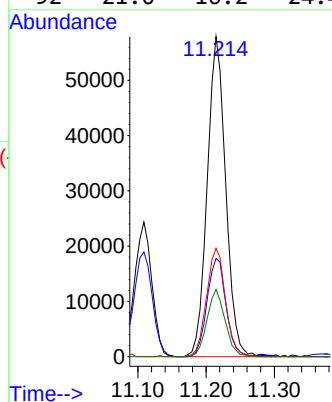
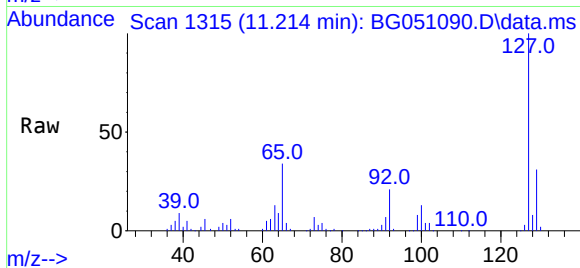
PB140760BS

Tgt Ion:127 Resp: 109574  
Ion Ratio Lower Upper  
127 100  
129 30.7 26.7 40.1  
65 33.8 32.8 49.2  
92 21.0 16.2 24.4

Manual Integrations

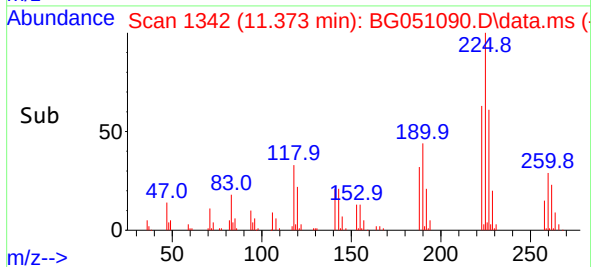
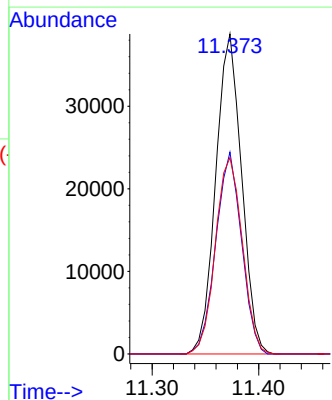
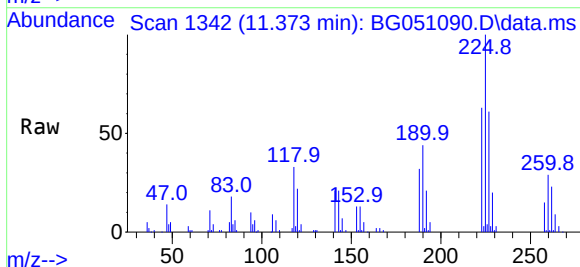
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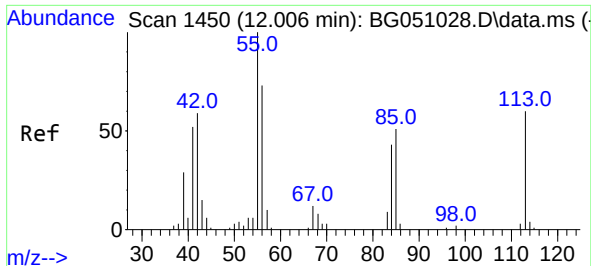
Reviewed By :Jagrut Upadhyay 11/17/2021  
Supervised By :mohammad ahmed 11/24/2021



#34  
Hexachlorobutadiene  
Concen: 43.408 ng  
RT: 11.373 min Scan# 1342  
Delta R.T. 0.001 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Tgt Ion:225 Resp: 65172  
Ion Ratio Lower Upper  
225 100  
223 63.0 49.8 74.8  
227 61.4 46.4 69.6





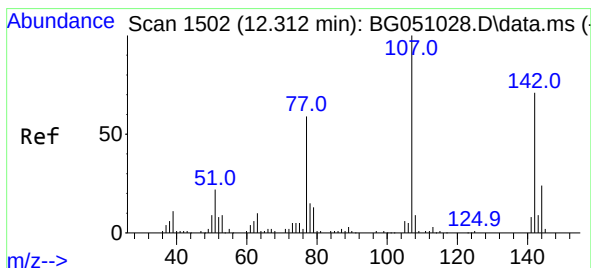
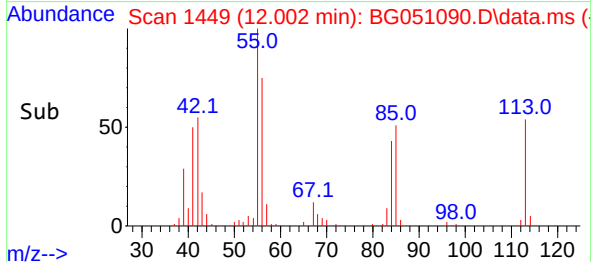
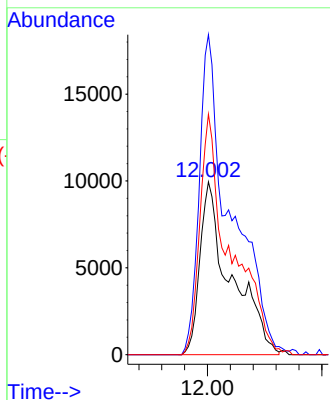
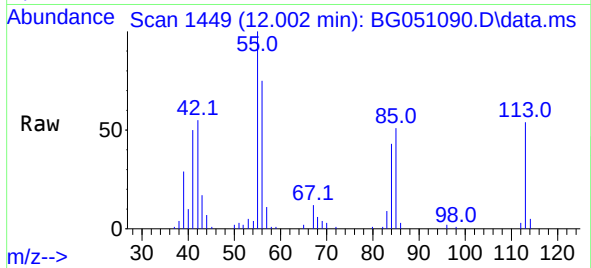
#35  
Caprolactam  
Concen: 62.497 ng m  
RT: 12.002 min Scan# 14  
Delta R.T. -0.005 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Instrument :  
BNA\_G  
ClientSampleId :  
PB140760BS

Tgt Ion:113 Resp: 37420  
Ion Ratio Lower Upper  
113 100  
55 185.3 113.8 153.8  
56 139.2 105.6 145.6

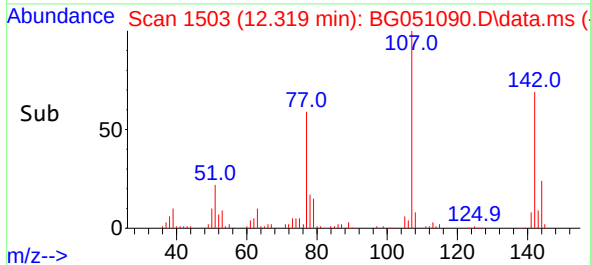
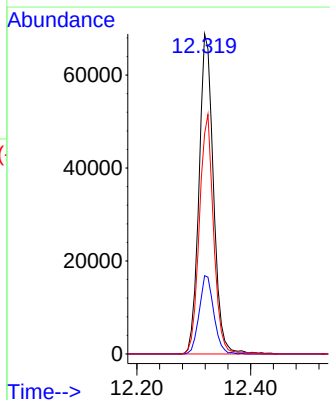
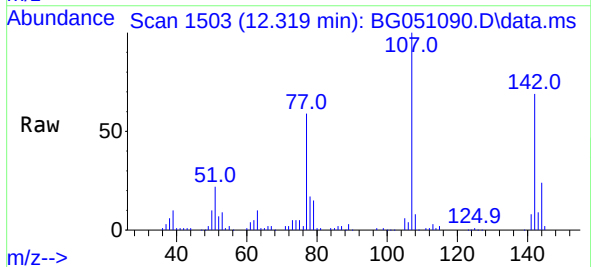
Manual Integrations  
APPROVED

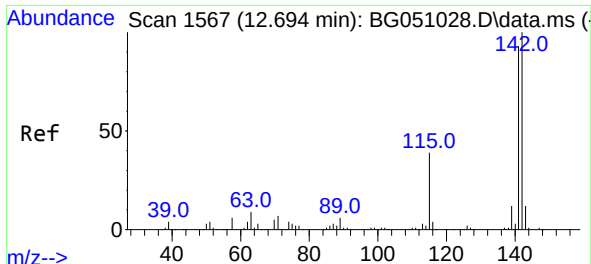
Reviewed By :Jagrut Upadhyay 11/17/2021  
Supervised By :mohammad ahmed 11/24/2021



#36  
4-Chloro-3-methylphenol  
Concen: 44.128 ng  
RT: 12.319 min Scan# 1503  
Delta R.T. 0.007 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Tgt Ion:107 Resp: 121258  
Ion Ratio Lower Upper  
107 100  
144 24.4 24.8 37.2#  
142 68.8 62.2 93.4





#37

2-Methylnaphthalene

Concen: 44.066 ng

RT: 12.701 min Scan# 1

Delta R.T. 0.007 min

Lab File: BG051090.D

Acq: 17 Nov 2021 13:25

Instrument :

BNA\_G

ClientSampleId :

PB140760BS

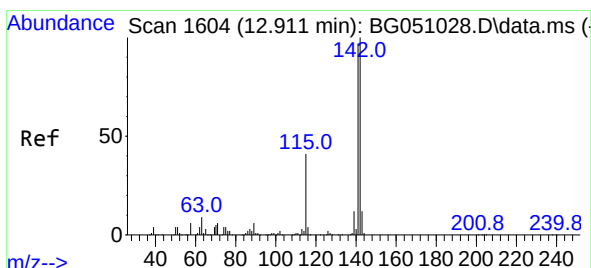
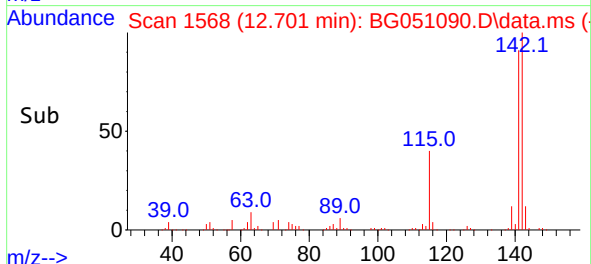
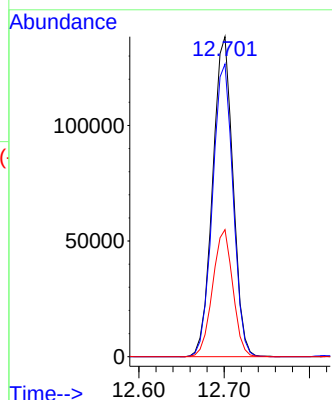
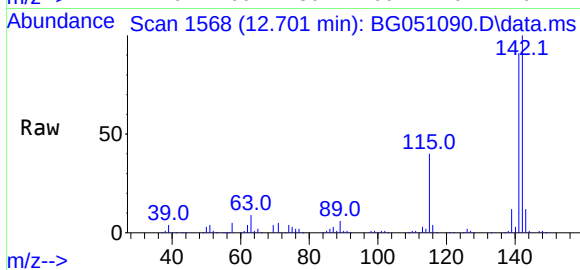
Tgt Ion:142 Resp: 22956

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 141 | 91.4  | 68.8  | 103.2 |
| 115 | 39.7  | 36.4  | 54.6  |

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/17/2021  
Supervised By :mohammad ahmed 11/24/2021



#38

1-Methylnaphthalene

Concen: 41.512 ng

RT: 12.918 min Scan# 1605

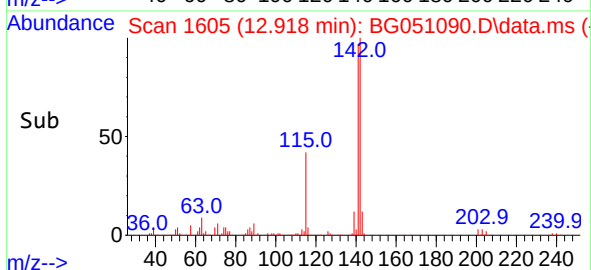
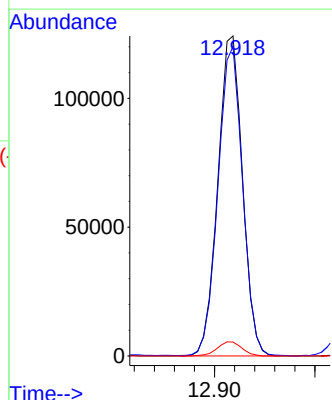
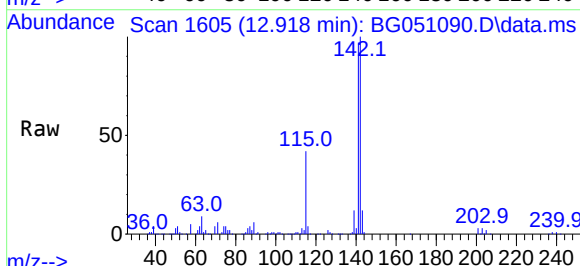
Delta R.T. 0.007 min

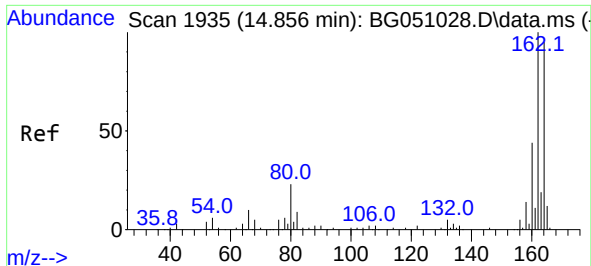
Lab File: BG051090.D

Acq: 17 Nov 2021 13:25

Tgt Ion:142 Resp: 211335

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 141 | 96.7  | 70.6  | 106.0 |
| 116 | 4.4   | 4.0   | 6.0   |





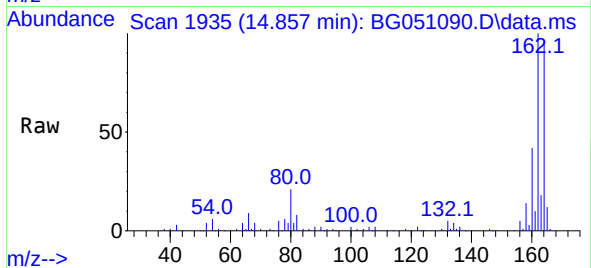
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.857 min Scan# 1935  
Delta R.T. 0.001 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Instrument :

BNA\_G

ClientSampleId :

PB140760BS

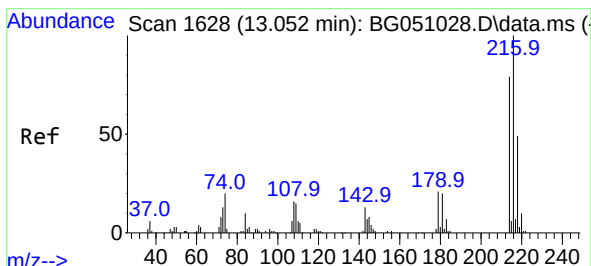
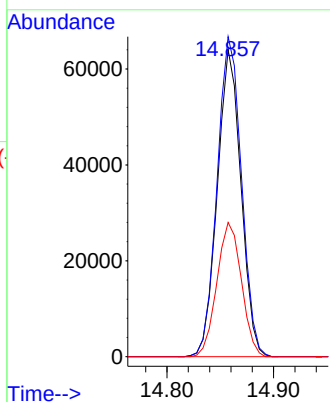
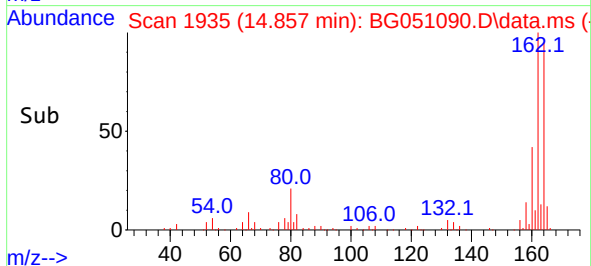


Tgt Ion:164 Resp: 9861  
Ion Ratio Lower Upper  
164 100  
162 104.2 81.4 122.0  
160 43.7 34.9 52.3

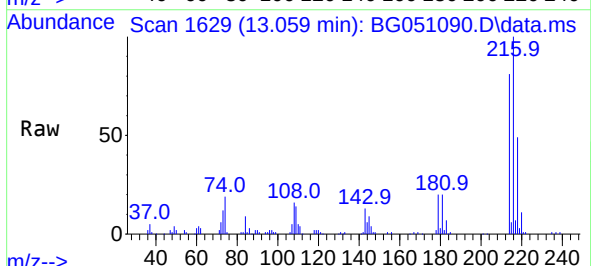
Manual Integrations

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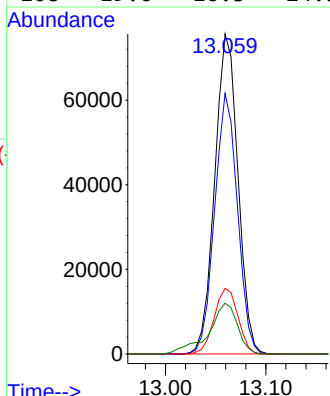
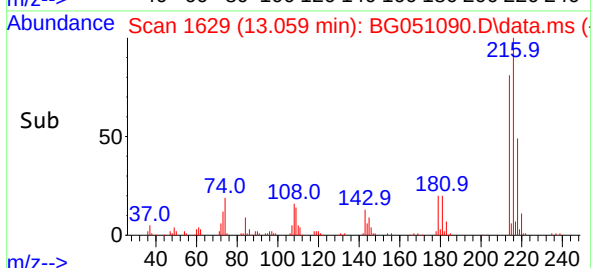
Reviewed By :Jagrut Upadhyay 11/17/2021  
Supervised By :mohammad ahmed 11/24/2021

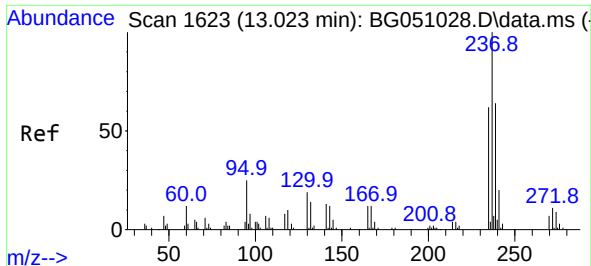


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 42.260 ng  
RT: 13.059 min Scan# 1629  
Delta R.T. 0.007 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25



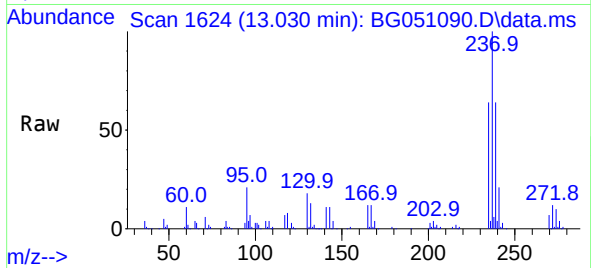
Tgt Ion:216 Resp: 121403  
Ion Ratio Lower Upper  
216 100  
214 79.9 61.4 92.2  
179 21.0 17.3 25.9  
108 19.6 16.3 24.5





#41  
Hexachlorocyclopentadiene  
Concen: 115.627 ng  
RT: 13.030 min Scan# 11  
Delta R.T. 0.007 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

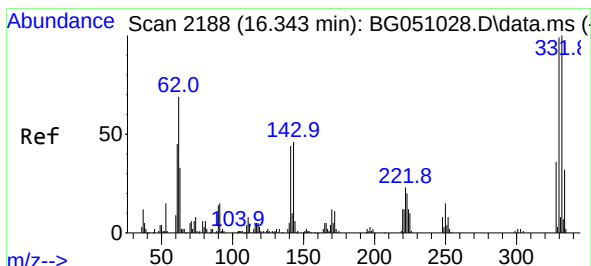
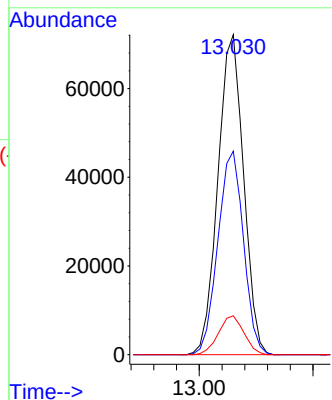
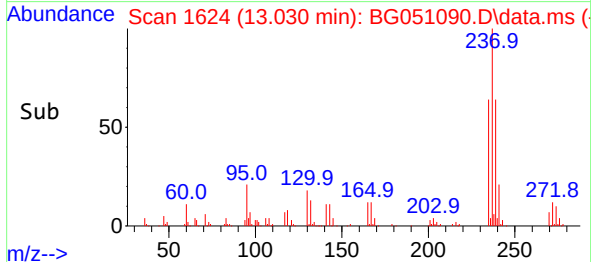
Instrument :  
BNA\_G  
ClientSampleId :  
PB140760BS



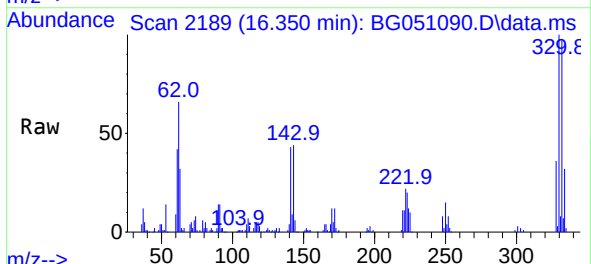
Tgt Ion:237 Resp: 113120  
Ion Ratio Lower Upper  
237 100  
235 63.6 36.6 76.6  
272 12.1 0.0 32.5

Manual Integrations  
APPROVED

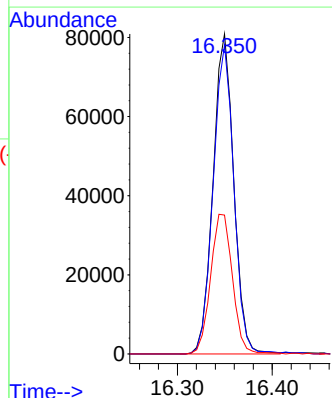
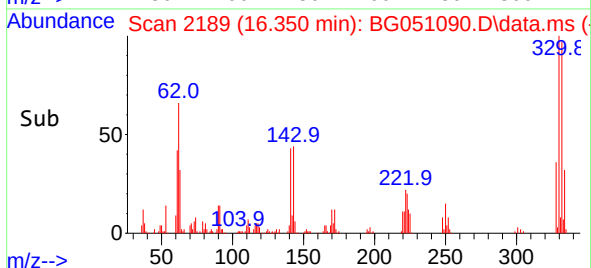
Reviewed By :Jagrut Upadhyay 11/17/2021  
Supervised By :mohammad ahmed 11/24/2021



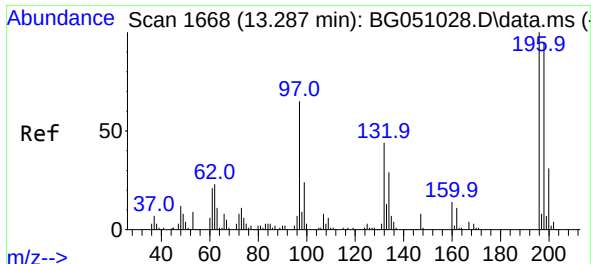
#42  
2,4,6-Tribromophenol  
Concen: 124.275 ng  
RT: 16.350 min Scan# 2189  
Delta R.T. 0.007 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25



Tgt Ion:330 Resp: 122638  
Ion Ratio Lower Upper  
330 100  
332 97.1 77.3 115.9  
141 46.2 35.6 53.4







#43  
2,4,6-Trichlorophenol  
Concen: 42.727 ng  
RT: 13.300 min Scan# 1668  
Delta R.T. 0.013 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Instrument :

BNA\_G

ClientSampleId :

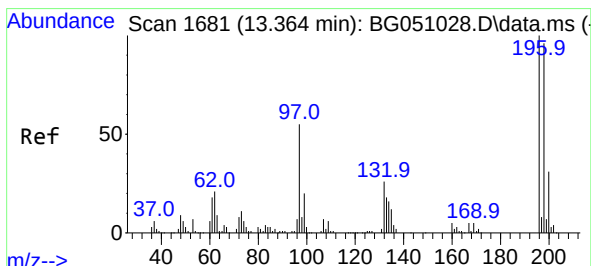
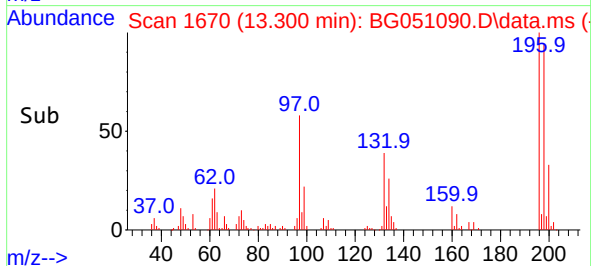
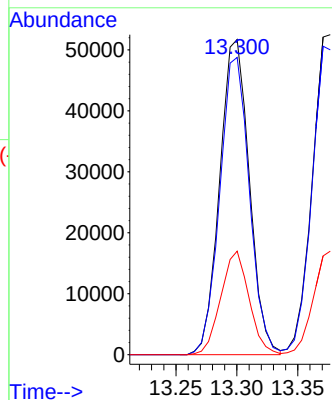
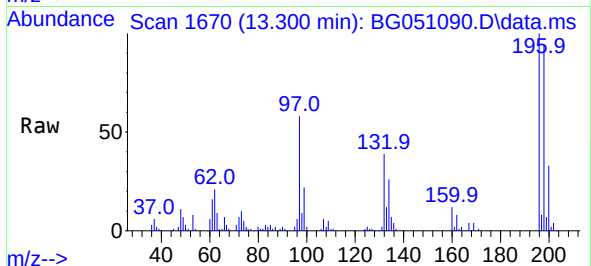
PB140760BS

Tgt Ion:196 Resp: 8757  
Ion Ratio Lower Upper  
196 100  
198 94.3 82.1 123.1  
200 32.8 23.8 35.8

Manual Integrations

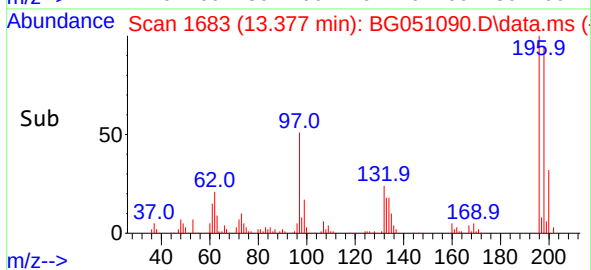
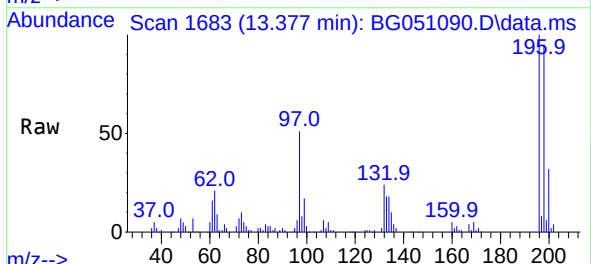
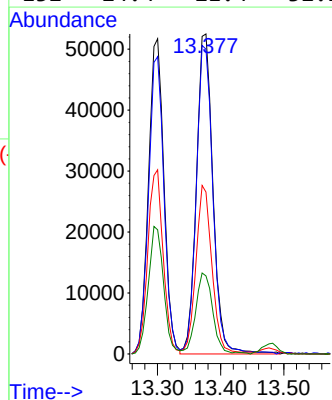
APPROVED

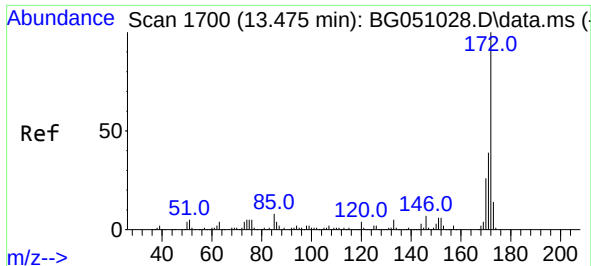
Reviewed By :Jagrut Upadhyay 11/17/2021  
Supervised By :mohammad ahmed 11/24/2021



#44  
2,4,5-Trichlorophenol  
Concen: 43.795 ng  
RT: 13.377 min Scan# 1683  
Delta R.T. 0.013 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Tgt Ion:196 Resp: 95733  
Ion Ratio Lower Upper  
196 100  
198 95.3 87.4 131.0  
97 50.6 43.3 64.9  
132 24.4 21.4 32.2





#45  
2-Fluorobiphenyl  
Concen: 80.390 ng  
RT: 13.477 min Scan# 1700  
Delta R.T. 0.002 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Instrument :

BNA\_G

ClientSampleId :

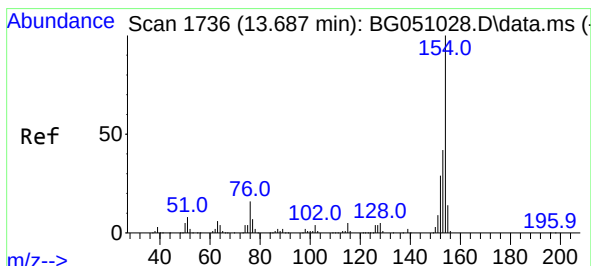
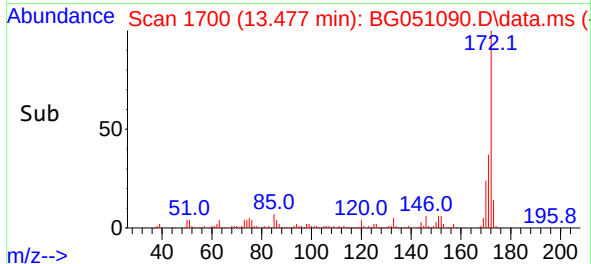
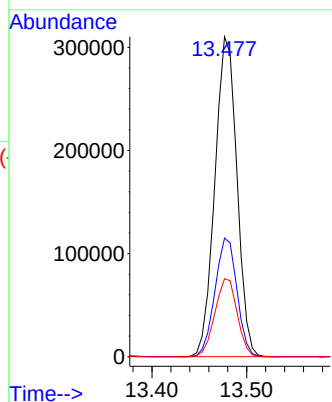
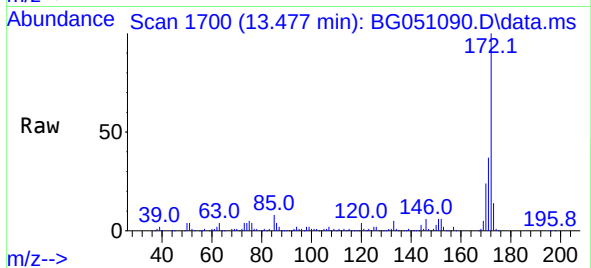
PB140760BS

Tgt Ion:172 Resp: 50171  
Ion Ratio Lower Upper  
172 100  
171 37.1 28.6 43.0  
170 24.3 18.6 27.8

Manual Integrations

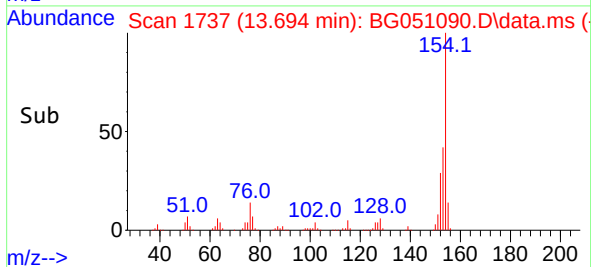
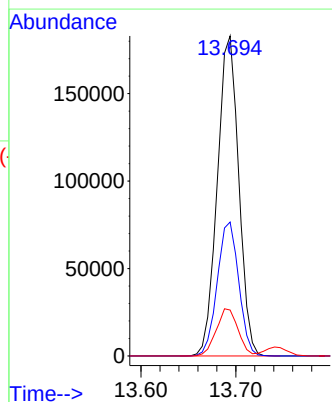
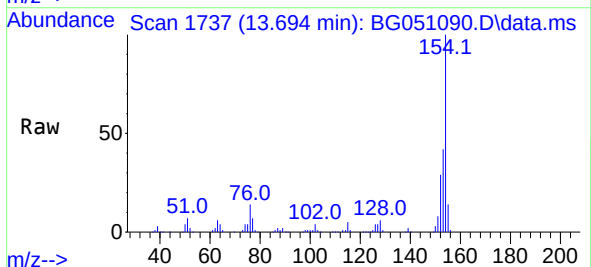
APPROVED

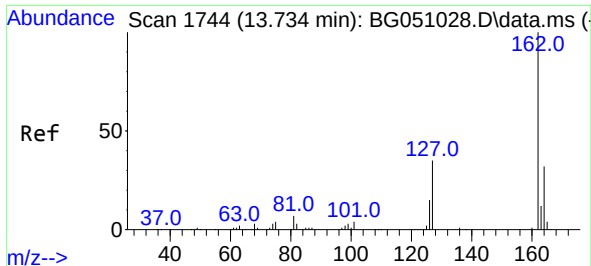
Reviewed By :Jagrut Upadhyay 11/17/2021  
Supervised By :mohammad ahmed 11/24/2021



#46  
1,1'-Biphenyl  
Concen: 39.897 ng  
RT: 13.694 min Scan# 1737  
Delta R.T. 0.007 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Tgt Ion:154 Resp: 287292  
Ion Ratio Lower Upper  
154 100  
153 41.8 20.5 60.5  
76 14.3 0.0 29.3





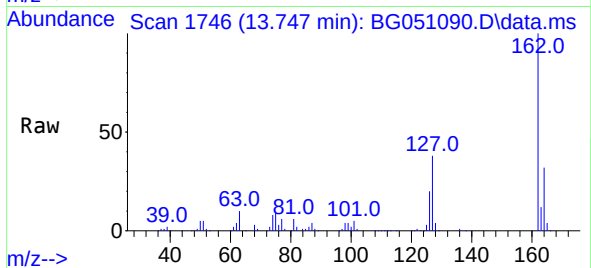
#47  
2-Chloronaphthalene  
Concen: 41.236 ng  
RT: 13.747 min Scan# 1746  
Delta R.T. 0.013 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Instrument :

BNA\_G

ClientSampleId :

PB140760BS

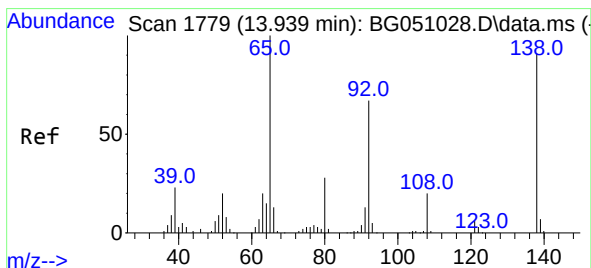
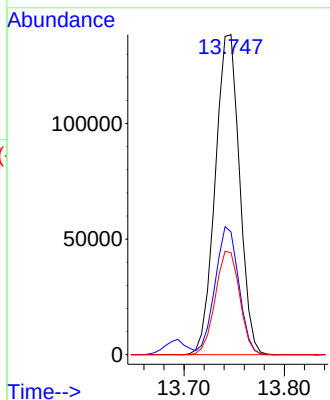
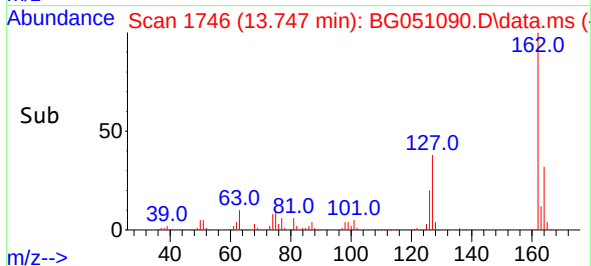


Tgt Ion:162 Resp: 23282  
Ion Ratio Lower Upper  
162 100  
127 38.4 32.7 49.1  
164 31.9 27.0 40.4

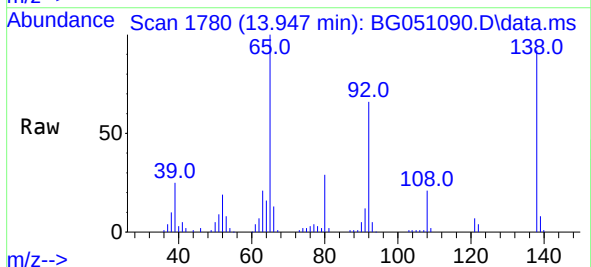
Manual Integrations

APPROVED

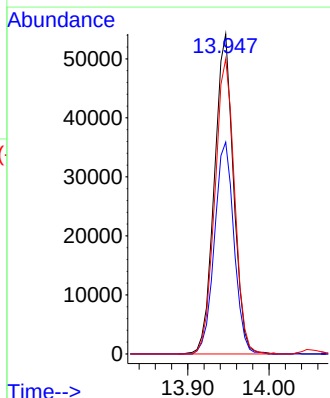
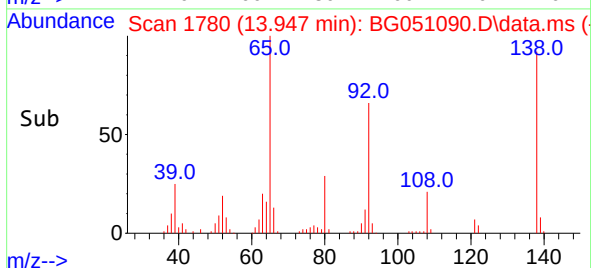
Reviewed By :Jagrut Upadhyay 11/17/2021  
Supervised By :mohammad ahmed 11/24/2021

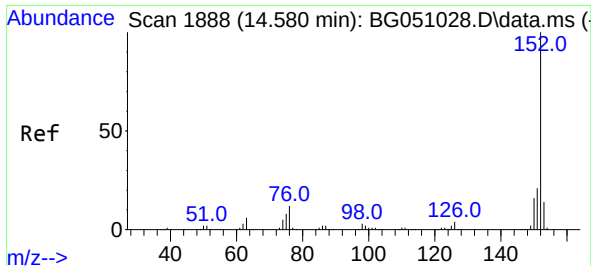


#48  
2-Nitroaniline  
Concen: 41.040 ng  
RT: 13.947 min Scan# 1780  
Delta R.T. 0.007 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25



Tgt Ion: 65 Resp: 88733  
Ion Ratio Lower Upper  
65 100  
92 66.2 47.2 70.8  
138 92.2 68.0 102.0





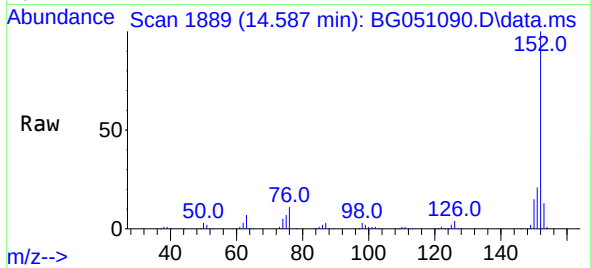
#49  
Acenaphthylene  
Concen: 41.604 ng  
RT: 14.587 min Scan# 1888  
Delta R.T. 0.007 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Instrument :

BNA\_G

ClientSampleId :

PB140760BS

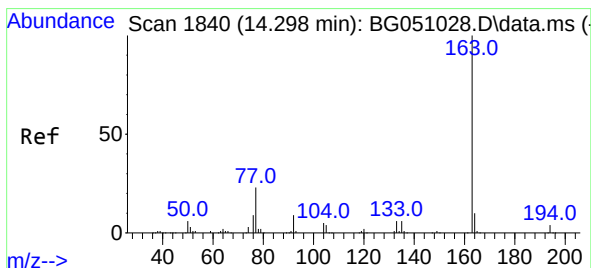
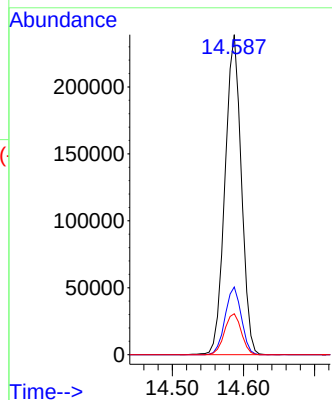


Tgt Ion:152 Resp: 37990  
Ion Ratio Lower Upper  
152 100  
151 21.2 18.2 27.4  
153 12.8 11.7 17.5

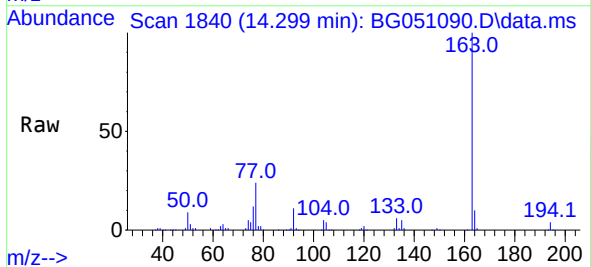
Manual Integrations

APPROVED

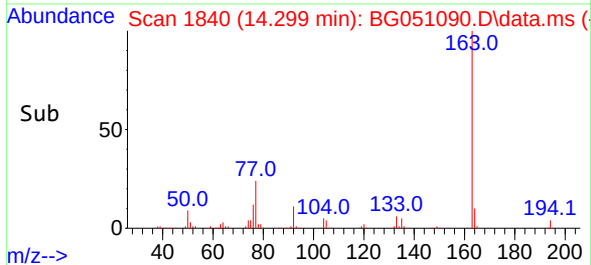
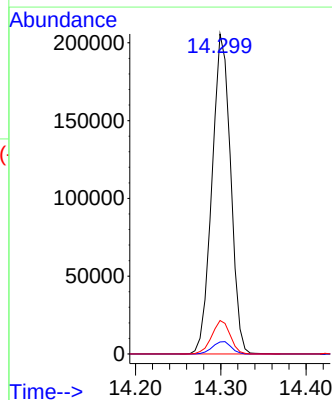
Reviewed By :Jagrut Upadhyay 11/17/2021  
Supervised By :mohammad ahmed 11/24/2021

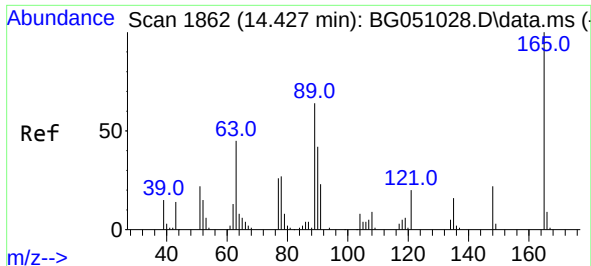


#50  
Dimethylphthalate  
Concen: 40.199 ng  
RT: 14.299 min Scan# 1840  
Delta R.T. 0.001 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25



Tgt Ion:163 Resp: 311894  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.0 4.6  
164 10.5 8.6 12.8





#51  
2,6-Dinitrotoluene  
Concen: 42.864 ng  
RT: 14.434 min Scan# 1862  
Delta R.T. 0.007 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Instrument :

BNA\_G

ClientSampleId :

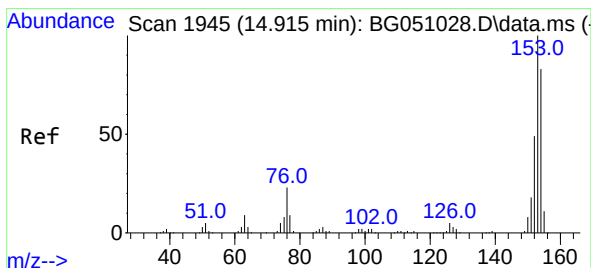
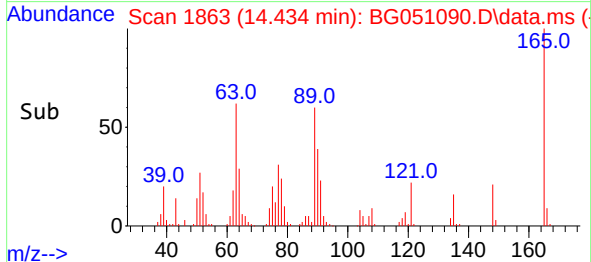
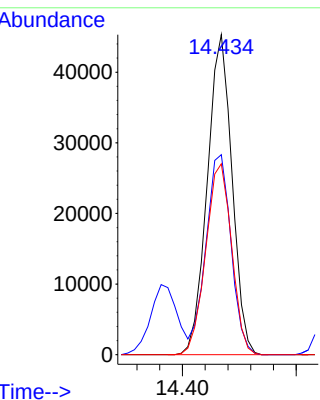
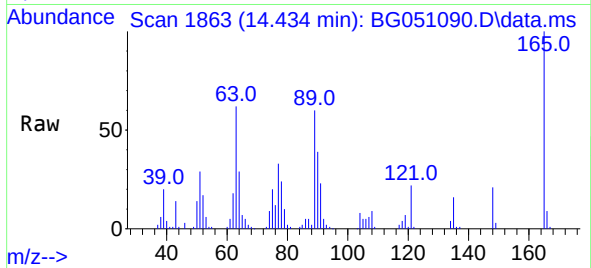
PB140760BS

Tgt Ion:165 Resp: 6844  
Ion Ratio Lower Upper  
165 100  
63 62.5 63.3 94.9  
89 59.6 63.4 95.0

Manual Integrations

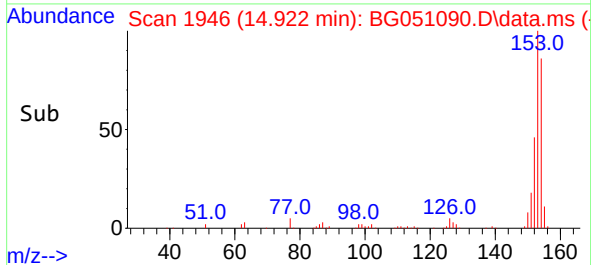
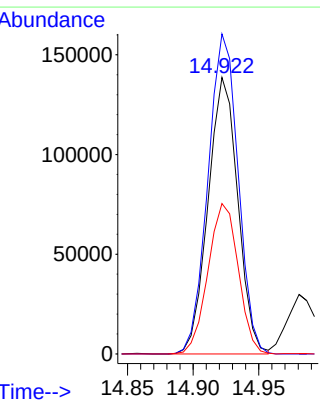
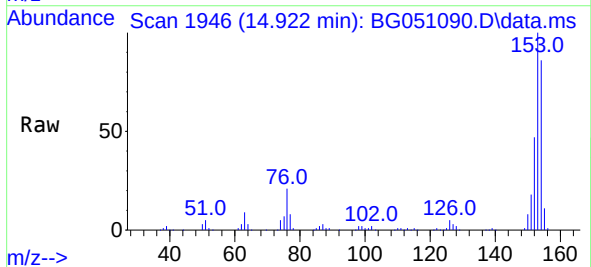
APPROVED

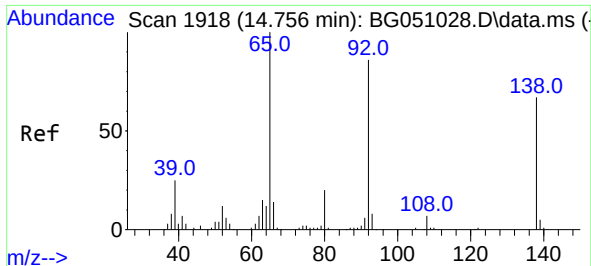
Reviewed By :Jagrut Upadhyay 11/17/2021  
Supervised By :mohammad ahmed 11/24/2021



#52  
Acenaphthene  
Concen: 41.087 ng  
RT: 14.922 min Scan# 1946  
Delta R.T. 0.007 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Tgt Ion:154 Resp: 218614  
Ion Ratio Lower Upper  
154 100  
153 115.7 87.0 130.4  
152 54.4 40.1 60.1





#53  
3-Nitroaniline  
Concen: 33.786 ng  
RT: 14.763 min Scan# 1918  
Delta R.T. 0.007 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Instrument :

BNA\_G

ClientSampleId :

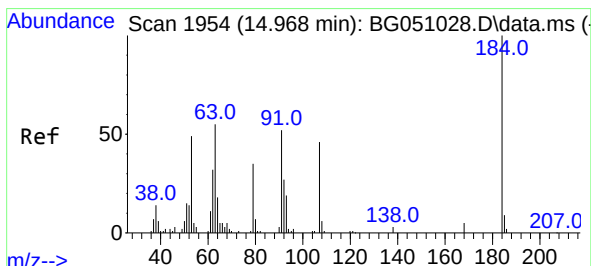
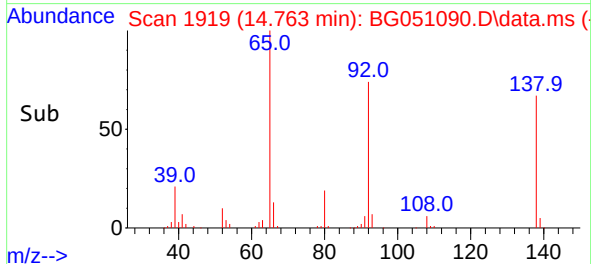
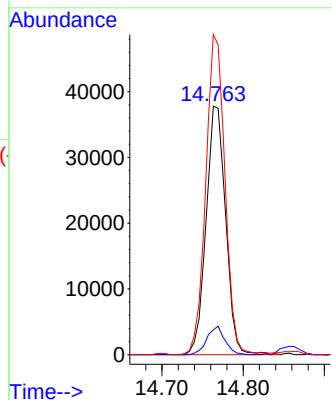
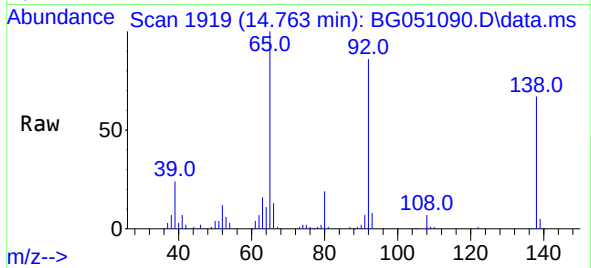
PB140760BS

Tgt Ion:138 Resp: 63054  
Ion Ratio Lower Upper  
138 100  
108 10.0 8.3 12.5  
92 128.8 96.4 144.6

Manual Integrations

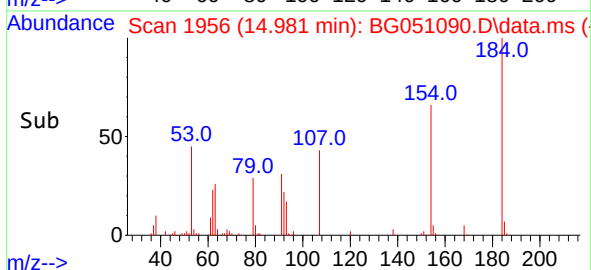
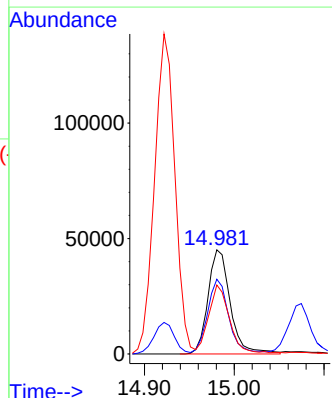
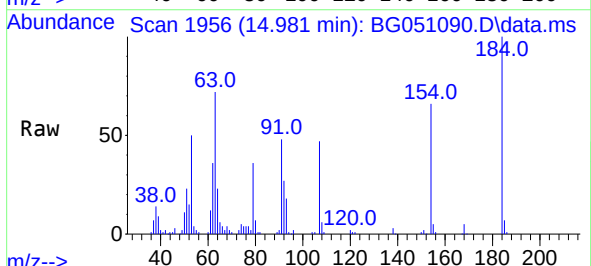
APPROVED

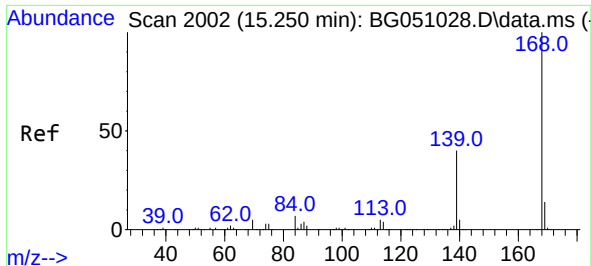
Reviewed By :Jagrut Upadhyay 11/17/2021  
Supervised By :mohammad ahmed 11/24/2021



#54  
2,4-Dinitrophenol  
Concen: 88.879 ng  
RT: 14.981 min Scan# 1956  
Delta R.T. 0.013 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Tgt Ion:184 Resp: 77613  
Ion Ratio Lower Upper  
184 100  
63 71.7 68.3 102.5  
154 66.2 62.6 93.8





#55  
Dibenzofuran  
Concen: 40.294 ng  
RT: 15.257 min Scan# 2002  
Delta R.T. 0.007 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Instrument :

BNA\_G

ClientSampleId :

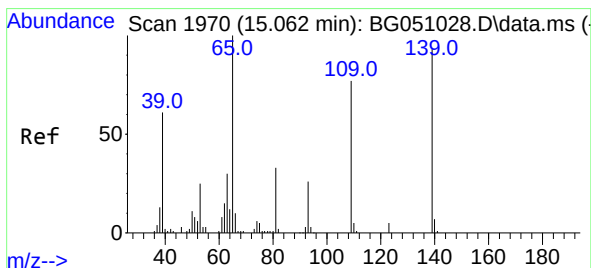
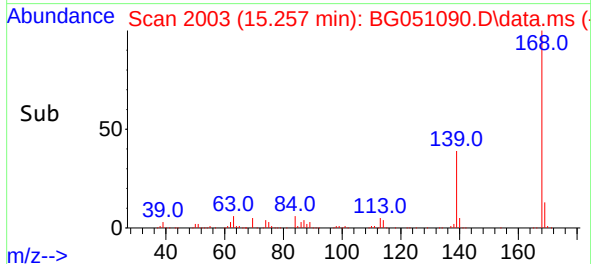
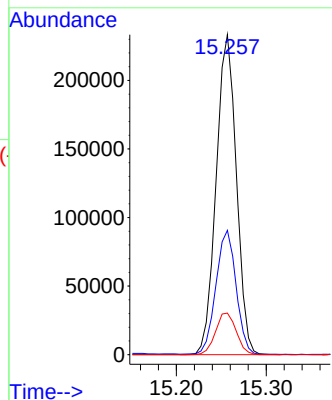
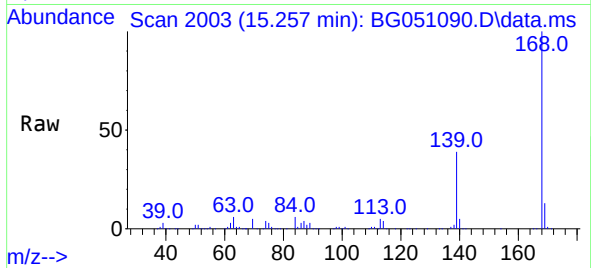
PB140760BS

Tgt Ion:168 Resp: 36465  
Ion Ratio Lower Upper  
168 100  
139 38.9 33.4 50.2  
169 13.0 12.3 18.5

Manual Integrations

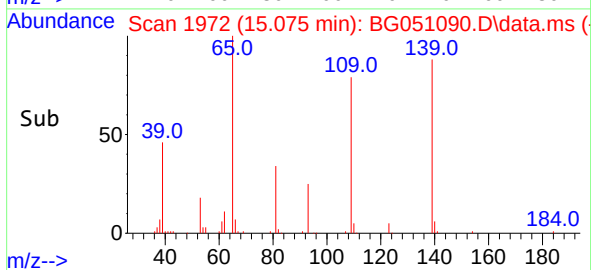
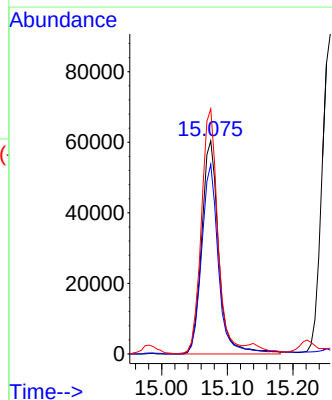
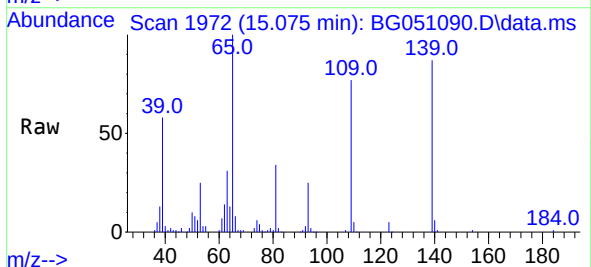
APPROVED

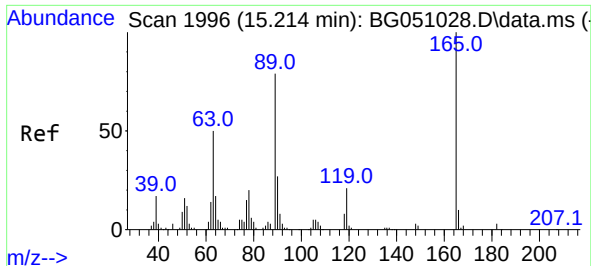
Reviewed By :Jagrut Upadhyay 11/17/2021  
Supervised By :mohammad ahmed 11/24/2021



#56  
4-Nitrophenol  
Concen: 76.871 ng  
RT: 15.075 min Scan# 1972  
Delta R.T. 0.013 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Tgt Ion:139 Resp: 109750  
Ion Ratio Lower Upper  
139 100  
109 89.0 116.3 156.3#  
65 115.0 105.0 145.0





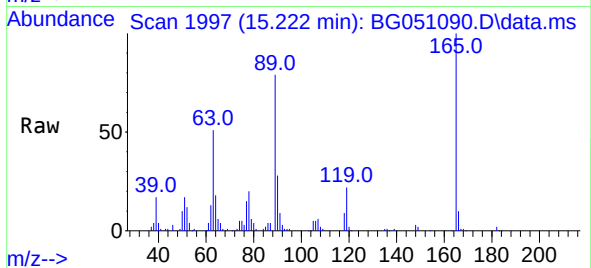
#57  
2,4-Dinitrotoluene  
Concen: 43.146 ng  
RT: 15.222 min Scan# 1997  
Delta R.T. 0.007 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Instrument :

BNA\_G

ClientSampleId :

PB140760BS

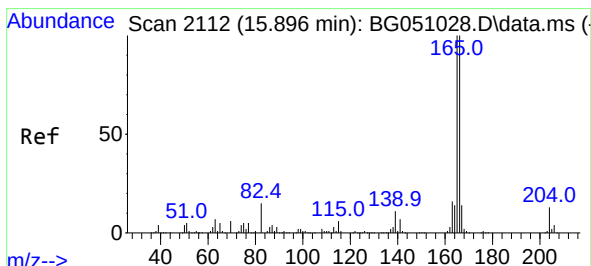
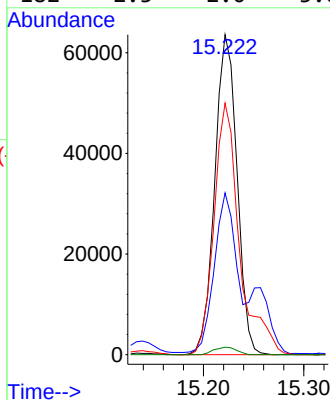
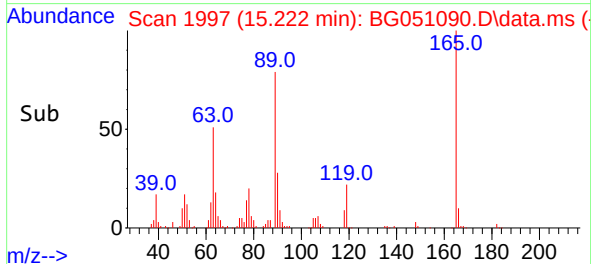


Tgt Ion:165 Resp: 9775  
Ion Ratio Lower Upper  
165 100  
63 50.6 48.0 72.0  
89 78.6 65.4 98.0  
182 2.3 2.0 3.0

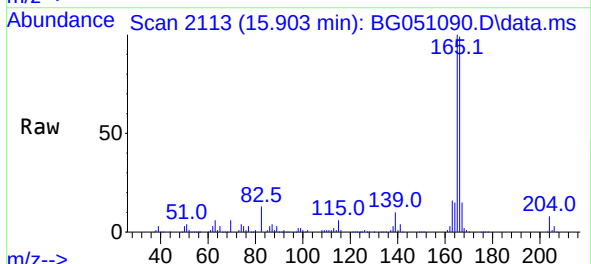
Manual Integrations

APPROVED

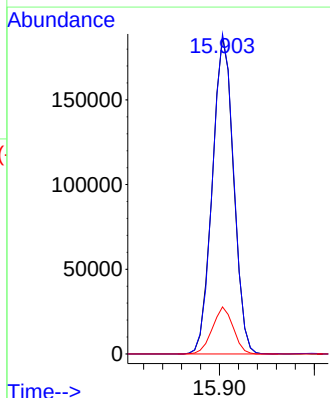
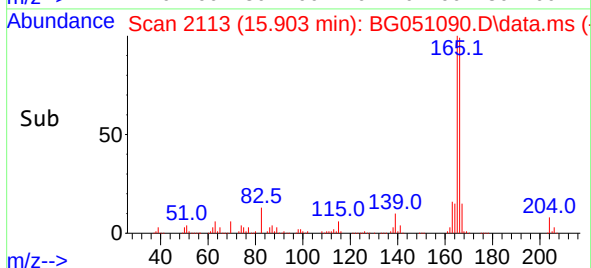
Reviewed By :Jagrut Upadhyay 11/17/2021  
Supervised By :mohammad ahmed 11/24/2021



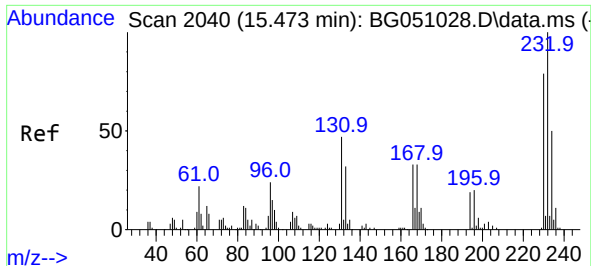
#58  
Fluorene  
Concen: 41.298 ng  
RT: 15.903 min Scan# 2113  
Delta R.T. 0.007 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25



Tgt Ion:166 Resp: 291741  
Ion Ratio Lower Upper  
166 100  
165 101.0 77.7 116.5  
167 14.9 10.8 16.2







#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.963 ng  
RT: 15.480 min Scan# 2041  
Delta R.T. 0.007 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Instrument :

BNA\_G

ClientSampleId :

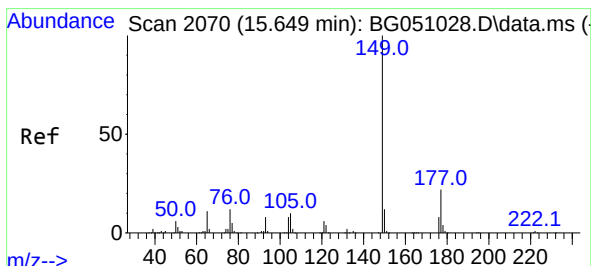
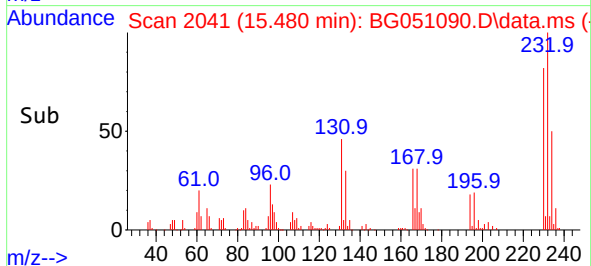
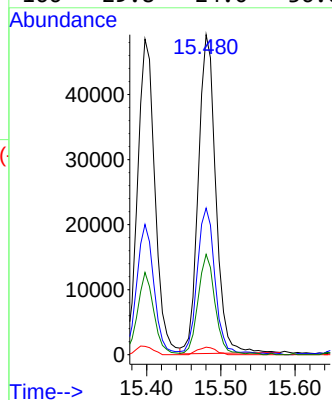
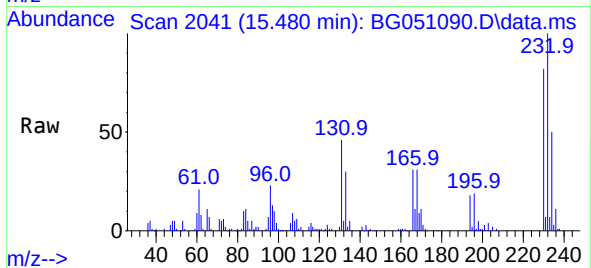
PB140760BS

Tgt Ion:232 Resp: 79984  
Ion Ratio Lower Upper  
232 100  
131 46.6 37.2 55.8  
130 2.5 2.8 4.2  
166 29.8 24.0 36.0

Manual Integrations

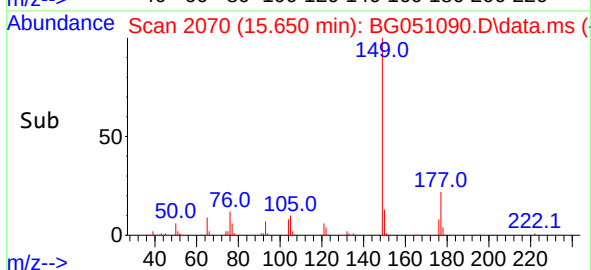
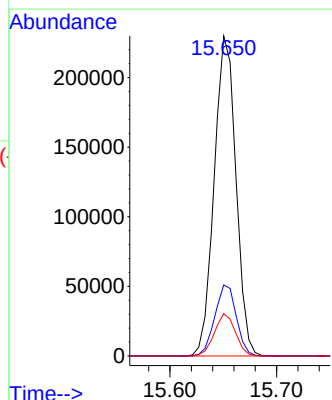
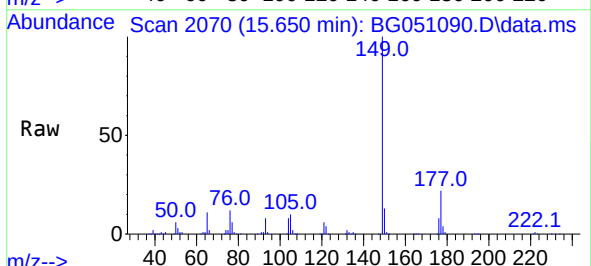
APPROVED

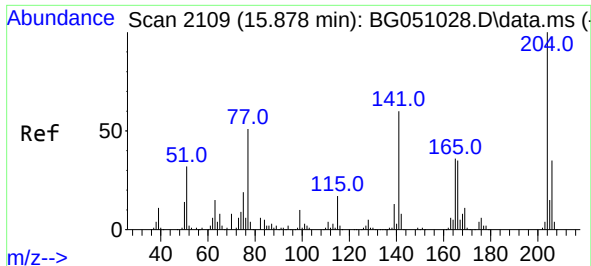
Reviewed By :Jagrut Upadhyay 11/17/2021  
Supervised By :mohammad ahmed 11/24/2021



#60  
Diethylphthalate  
Concen: 39.872 ng  
RT: 15.650 min Scan# 2070  
Delta R.T. 0.001 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Tgt Ion:149 Resp: 324617  
Ion Ratio Lower Upper  
149 100  
177 22.2 19.0 28.6  
150 13.3 10.2 15.4





#61  
4-Chlorophenyl-phenylether  
Concen: 41.597 ng  
RT: 15.885 min Scan# 2110  
Delta R.T. 0.007 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Instrument :

BNA\_G

ClientSampleId :

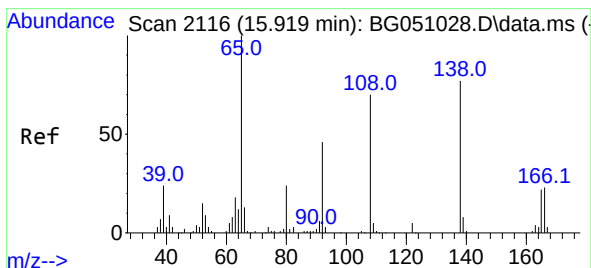
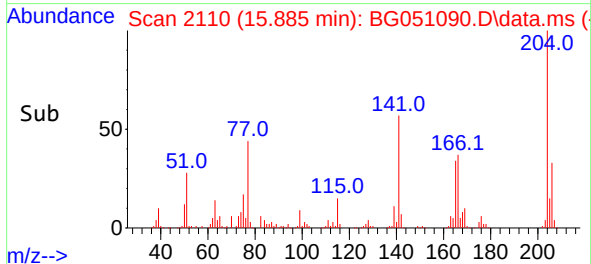
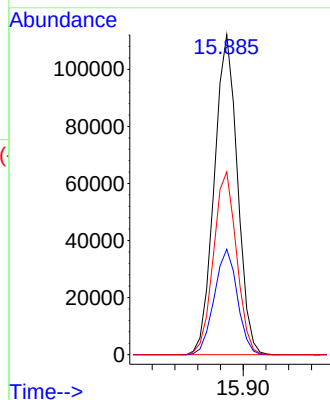
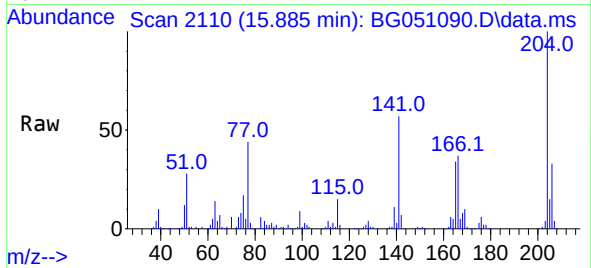
PB140760BS

Tgt Ion:204 Resp: 158719  
Ion Ratio Lower Upper  
204 100  
206 33.0 24.6 37.0  
141 57.2 47.8 71.8

Manual Integrations

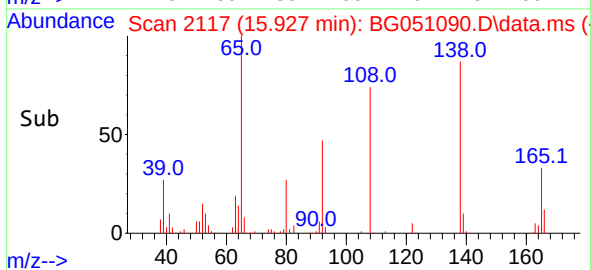
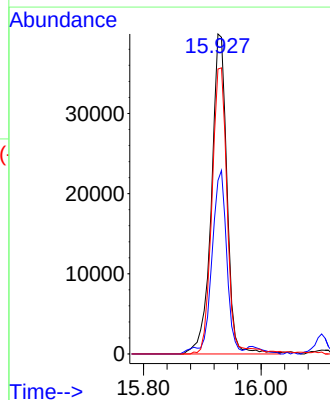
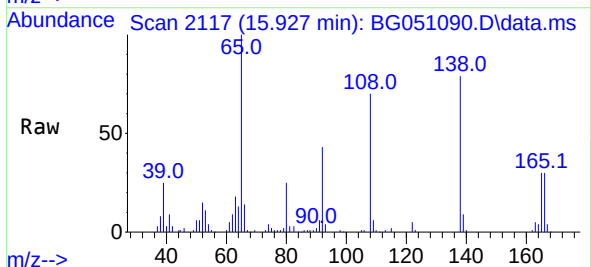
APPROVED

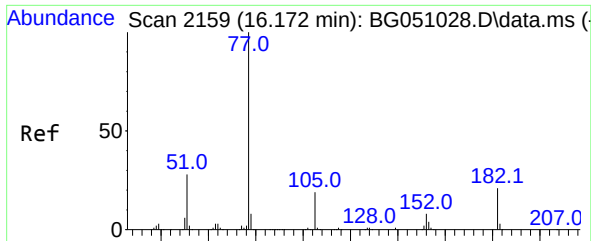
Reviewed By :Jagrut Upadhyay 11/17/2021  
Supervised By :mohammad ahmed 11/24/2021



#62  
4-Nitroaniline  
Concen: 37.827 ng  
RT: 15.927 min Scan# 2117  
Delta R.T. 0.007 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Tgt Ion:138 Resp: 73381  
Ion Ratio Lower Upper  
138 100  
92 54.2 32.3 72.3  
108 89.0 132.4 172.4#





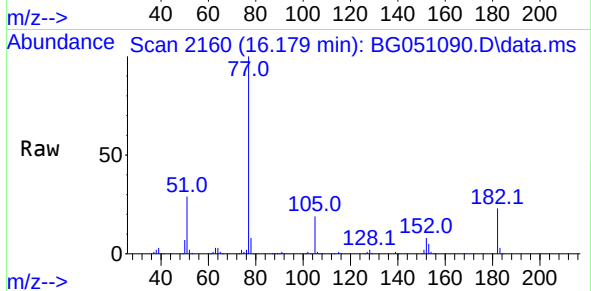
#63  
Azobenzene  
Concen: 38.783 ng  
RT: 16.179 min Scan# 2159  
Delta R.T. 0.007 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Instrument :

BNA\_G

ClientSampleId :

PB140760BS

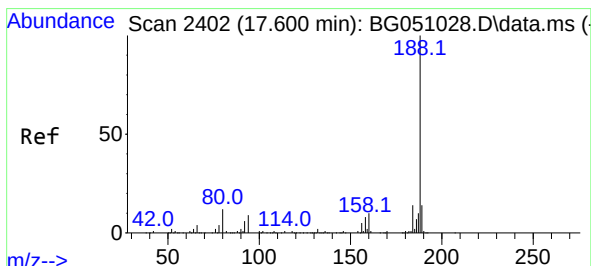
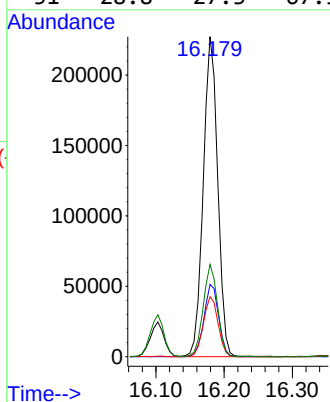
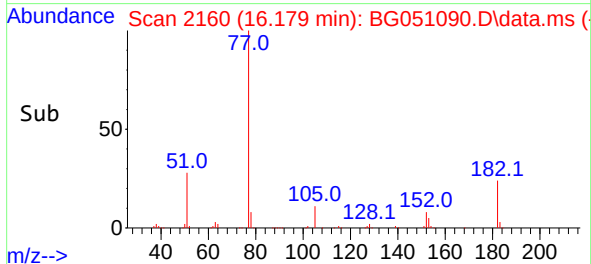


Tgt Ion: 77 Resp: 334610  
Ion Ratio Lower Upper  
77 100  
182 22.6 7.9 47.9  
105 18.8 0.0 37.9  
51 28.8 27.3 67.3

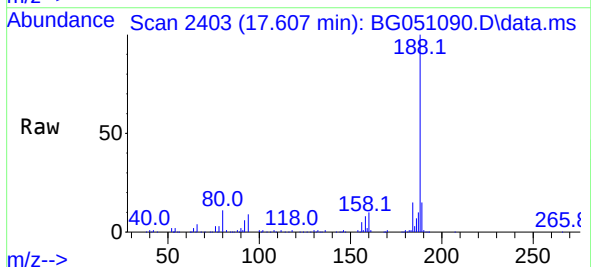
Manual Integrations

APPROVED

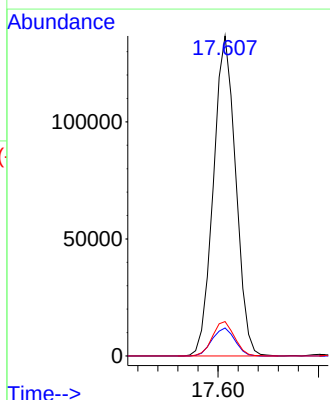
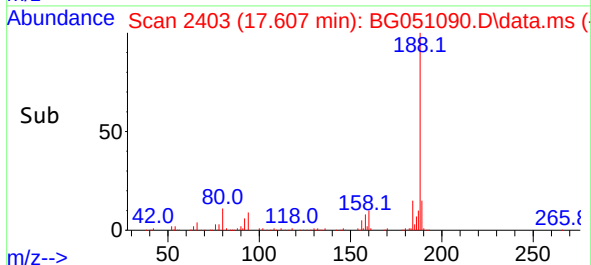
Reviewed By :Jagrut Upadhyay 11/17/2021  
Supervised By :mohammad ahmed 11/24/2021

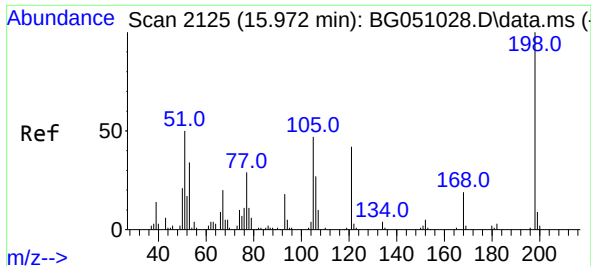


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.607 min Scan# 2403  
Delta R.T. 0.007 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25



Tgt Ion:188 Resp: 210877  
Ion Ratio Lower Upper  
188 100  
94 8.8 5.4 8.0#  
80 10.7 3.7 5.5#





#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.341 ng  
RT: 15.991 min Scan# 2125  
Delta R.T. 0.019 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Instrument :

BNA\_G

ClientSampleId :

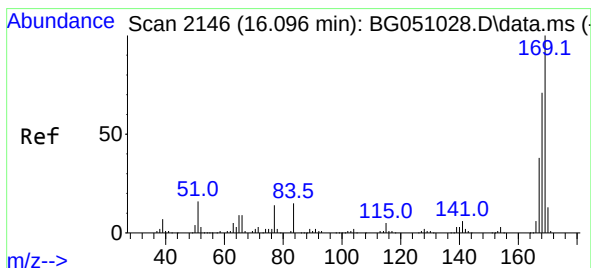
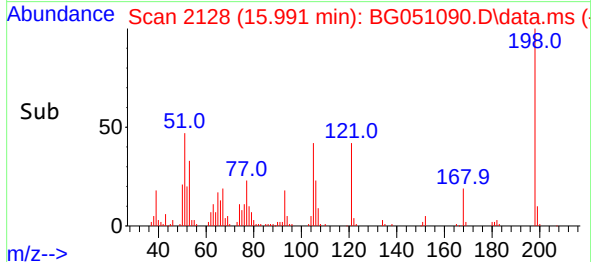
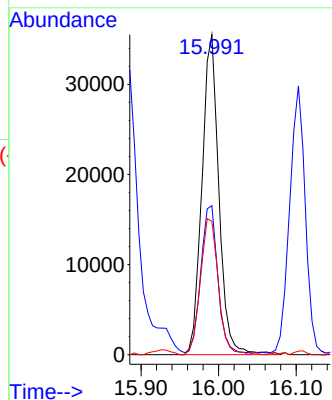
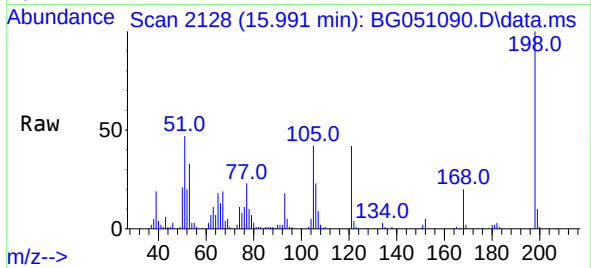
PB140760BS

Tgt Ion:198 Resp: 53934  
Ion Ratio Lower Upper  
198 100  
51 46.5 29.4 69.4  
105 41.7 15.1 55.1

Manual Integrations

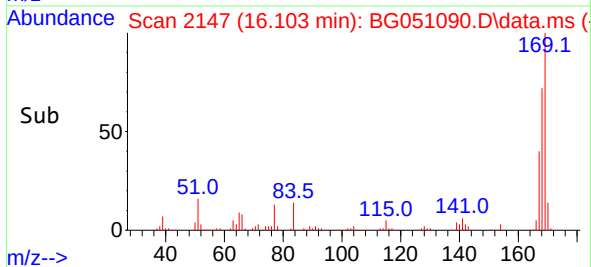
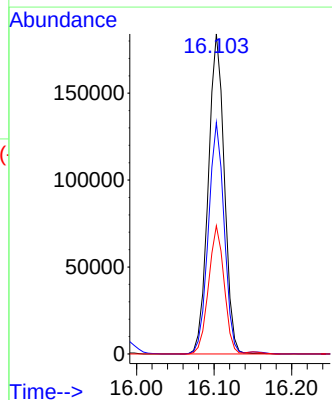
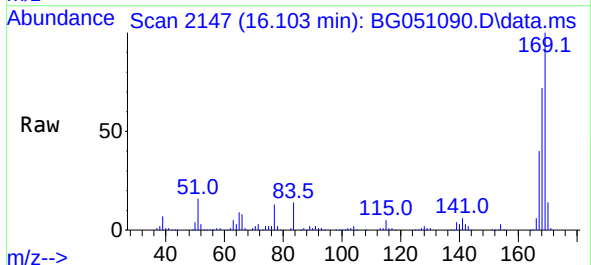
APPROVED

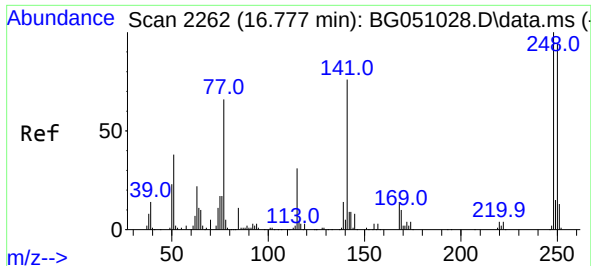
Reviewed By :Jagrut Upadhyay 11/17/2021  
Supervised By :mohammad ahmed 11/24/2021



#66  
n-Nitrosodiphenylamine  
Concen: 43.642 ng  
RT: 16.103 min Scan# 2147  
Delta R.T. 0.007 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Tgt Ion:169 Resp: 264301  
Ion Ratio Lower Upper  
169 100  
168 72.3 56.3 84.5  
167 40.0 28.4 42.6





#67  
4-Bromophenyl-phenylether  
Concen: 44.290 ng  
RT: 16.784 min Scan# 21  
Delta R.T. 0.007 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Instrument :

BNA\_G

ClientSampleId :

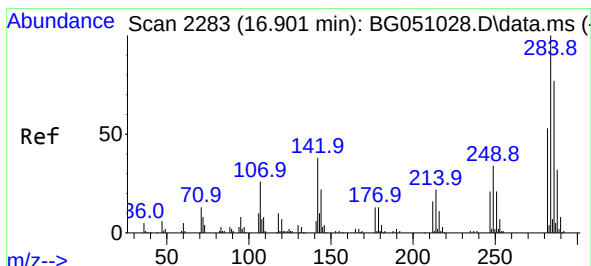
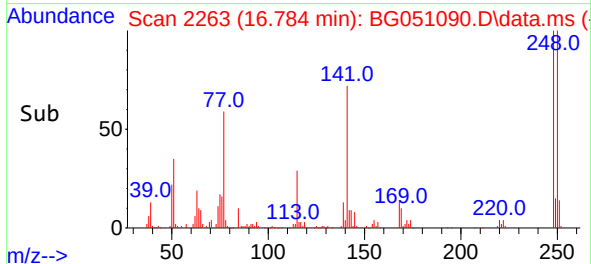
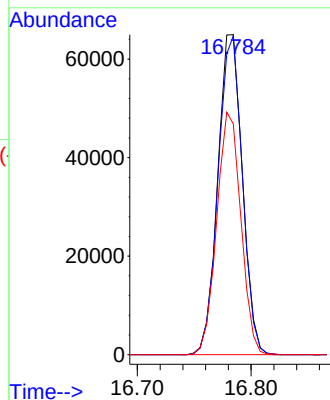
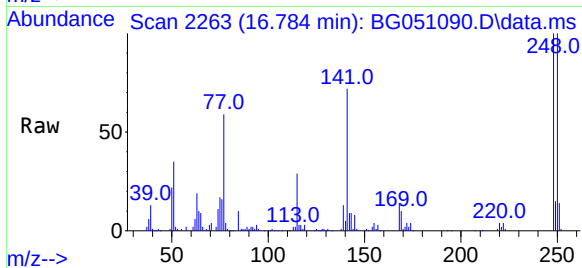
PB140760BS

Tgt Ion:248 Resp: 97832  
Ion Ratio Lower Upper  
248 100  
250 99.7 76.1 114.1  
141 72.1 65.4 98.2

Manual Integrations

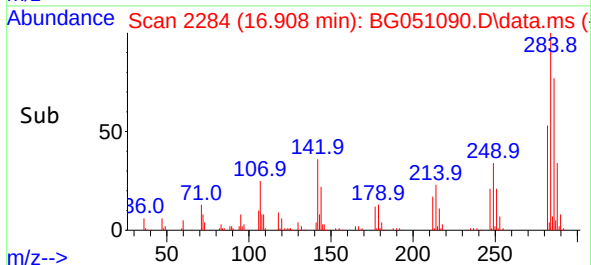
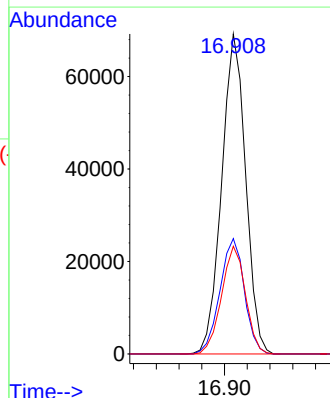
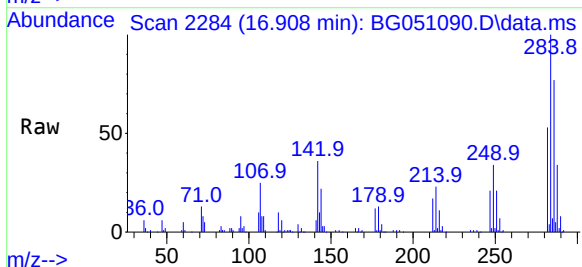
APPROVED

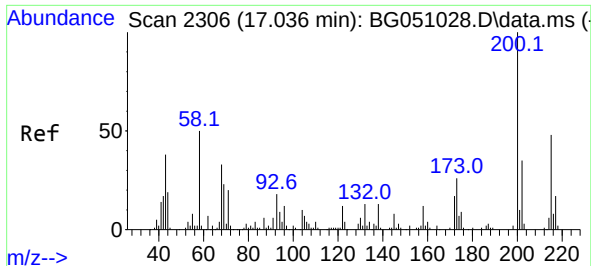
Reviewed By :Jagrut Upadhyay 11/17/2021  
Supervised By :mohammad ahmed 11/24/2021



#68  
Hexachlorobenzene  
Concen: 46.569 ng  
RT: 16.908 min Scan# 2284  
Delta R.T. 0.007 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Tgt Ion:284 Resp: 101254  
Ion Ratio Lower Upper  
284 100  
142 36.1 27.0 40.6  
249 33.7 28.2 42.2





#69  
 Atrazine  
 Concen: 69.109 ng  
 RT: 17.043 min Scan# 21  
 Delta R.T. 0.007 min  
 Lab File: BG051090.D  
 Acq: 17 Nov 2021 13:25

Instrument :

BNA\_G

ClientSampleId :

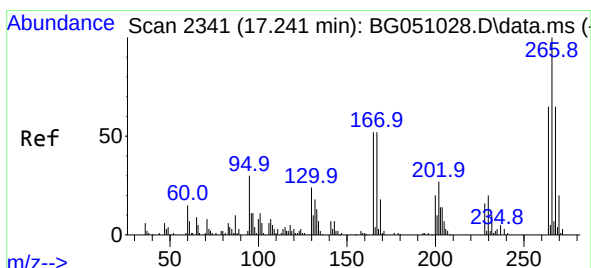
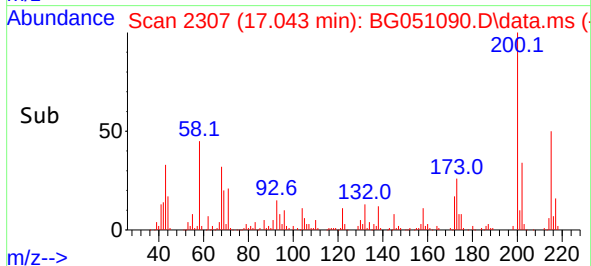
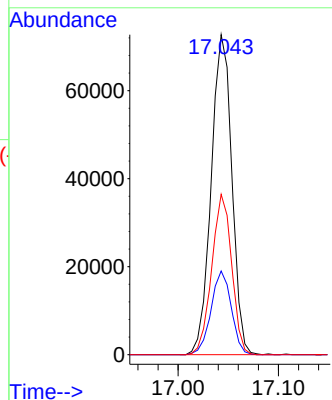
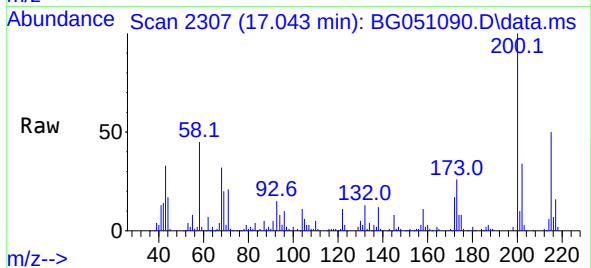
PB140760BS

Tgt Ion:200 Resp: 10406  
 Ion Ratio Lower Upper  
 200 100  
 173 26.2 3.7 43.7  
 215 50.1 26.9 66.9

Manual Integrations

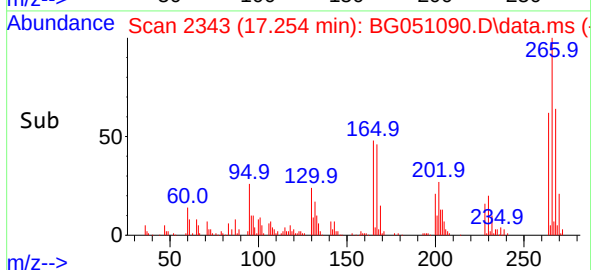
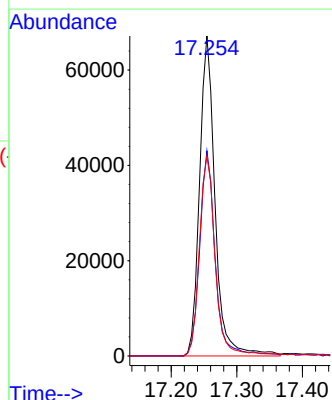
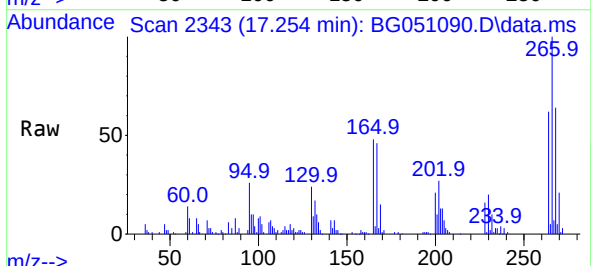
APPROVED

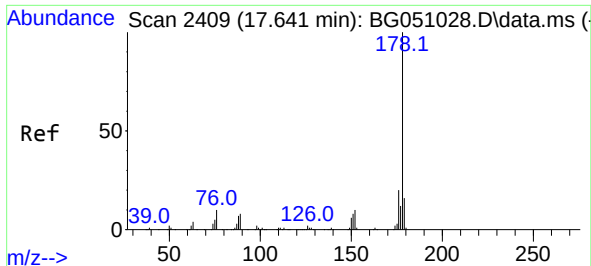
Reviewed By :Jagrut Upadhyay 11/17/2021  
 Supervised By :mohammad ahmed 11/24/2021



#70  
 Pentachlorophenol  
 Concen: 89.726 ng  
 RT: 17.254 min Scan# 2343  
 Delta R.T. 0.013 min  
 Lab File: BG051090.D  
 Acq: 17 Nov 2021 13:25

Tgt Ion:266 Resp: 110709  
 Ion Ratio Lower Upper  
 266 100  
 268 64.1 49.0 73.4  
 264 62.3 49.0 73.6





#71  
Phenanthrene  
Concen: 42.576 ng  
RT: 17.648 min Scan# 2409  
Delta R.T. 0.007 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Instrument :

BNA\_G

ClientSampleId :

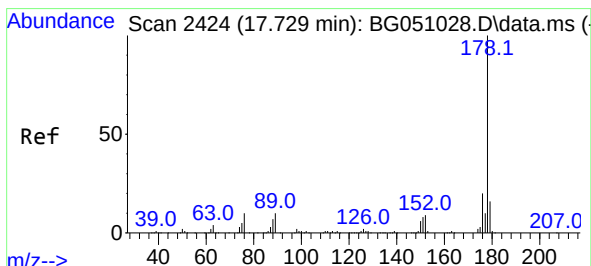
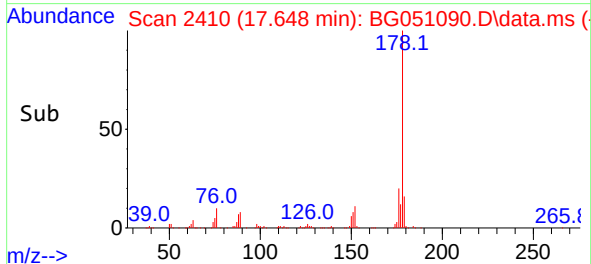
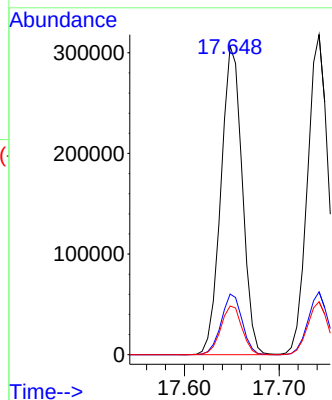
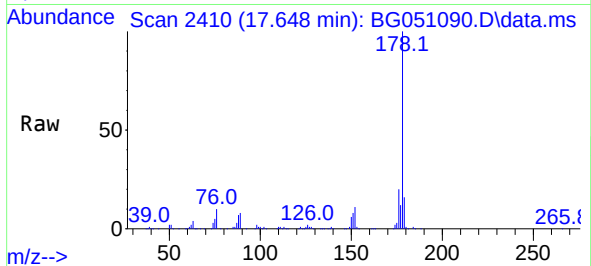
PB140760BS

Tgt Ion:178 Resp: 478900  
Ion Ratio Lower Upper  
178 100  
176 19.6 16.0 24.0  
179 15.8 14.2 21.4

Manual Integrations

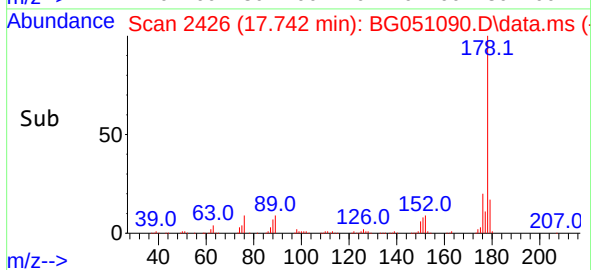
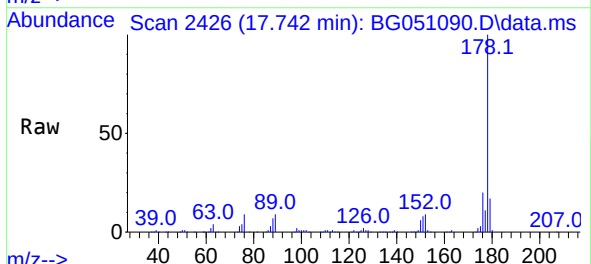
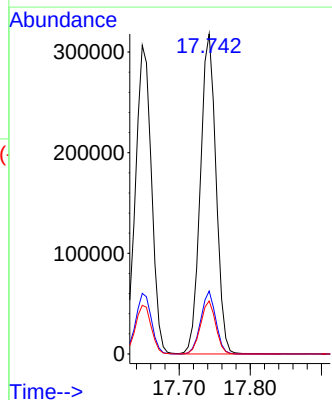
APPROVED

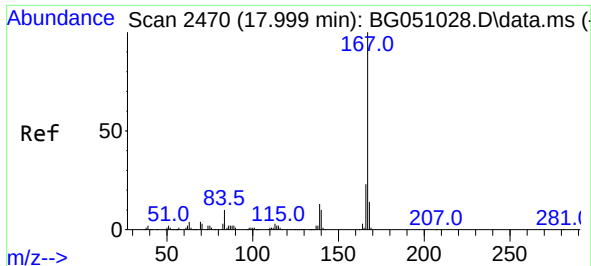
Reviewed By :Jagrut Upadhyay 11/17/2021  
Supervised By :mohammad ahmed 11/24/2021



#72  
Anthracene  
Concen: 43.592 ng  
RT: 17.742 min Scan# 2426  
Delta R.T. 0.013 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Tgt Ion:178 Resp: 487666  
Ion Ratio Lower Upper  
178 100  
176 19.7 14.6 21.8  
179 16.6 13.4 20.0





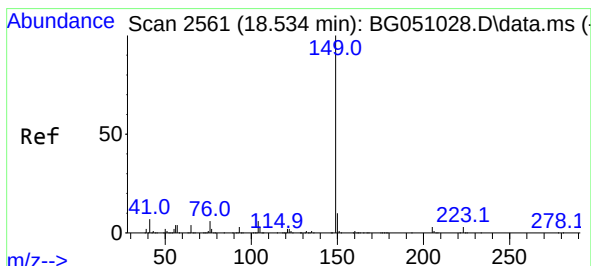
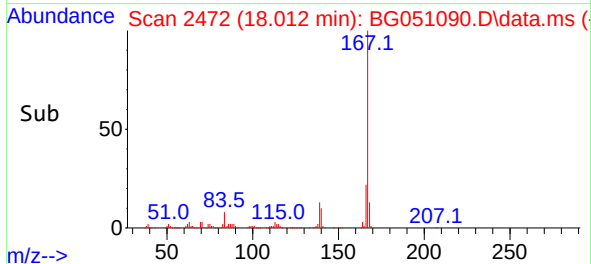
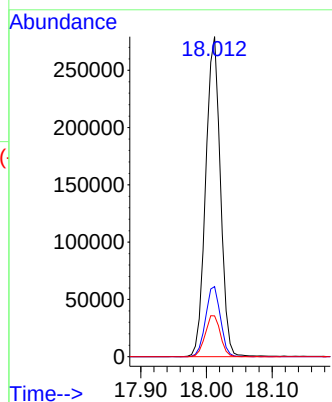
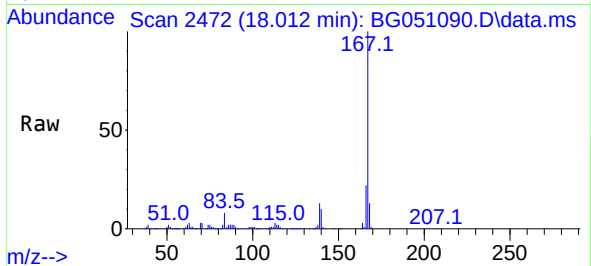
#73  
Carbazole  
Concen: 39.336 ng  
RT: 18.012 min Scan# 2470  
Delta R.T. 0.013 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Instrument :  
BNA\_G  
ClientSampleId :  
PB140760BS

Tgt Ion:167 Resp: 43580  
Ion Ratio Lower Upper  
167 100  
166 21.9 17.4 26.2  
139 12.7 10.7 16.1

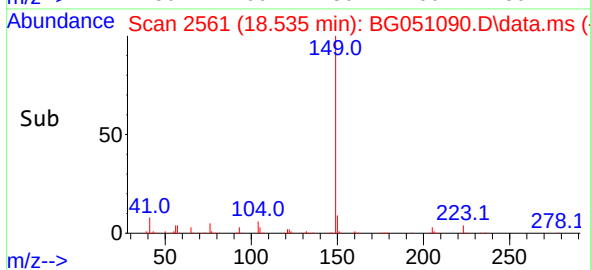
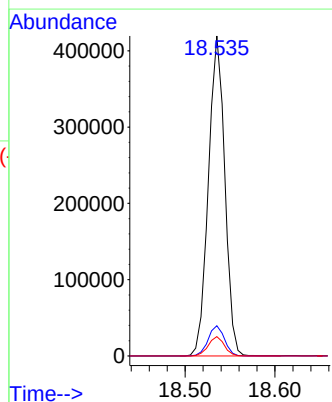
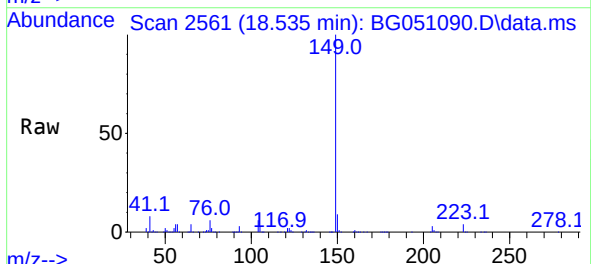
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 11/17/2021  
Supervised By :mohammad ahmed 11/24/2021

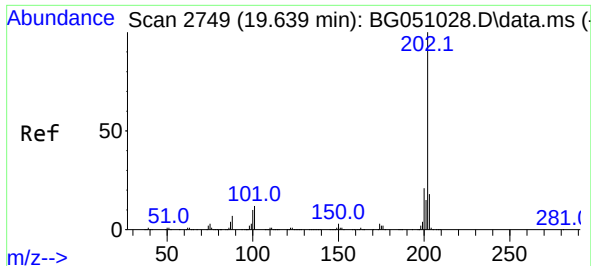


#74  
Di-n-butylphthalate  
Concen: 40.550 ng  
RT: 18.535 min Scan# 2561  
Delta R.T. 0.001 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Tgt Ion:149 Resp: 532277  
Ion Ratio Lower Upper  
149 100  
150 9.4 7.5 11.3  
104 6.1 6.6 10.0#







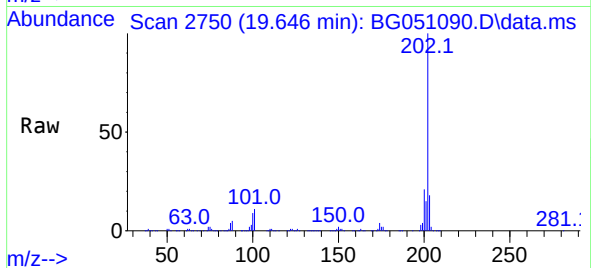
#75  
Fluoranthene  
Concen: 38.921 ng  
RT: 19.646 min Scan# 21  
Delta R.T. 0.007 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Instrument :

BNA\_G

ClientSampleId :

PB140760BS

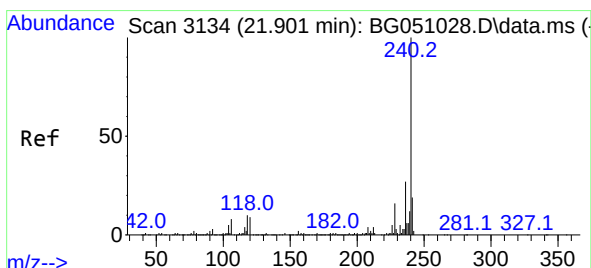
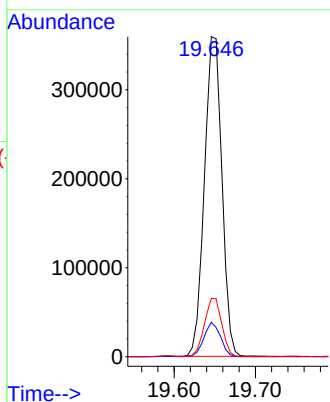
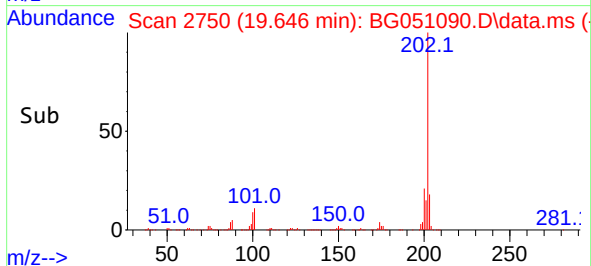


Tgt Ion:202 Resp: 53711  
Ion Ratio Lower Upper  
202 100  
101 10.8 0.0 24.7  
203 18.2 0.0 38.5

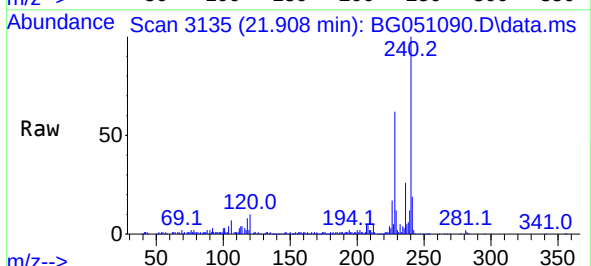
Manual Integrations

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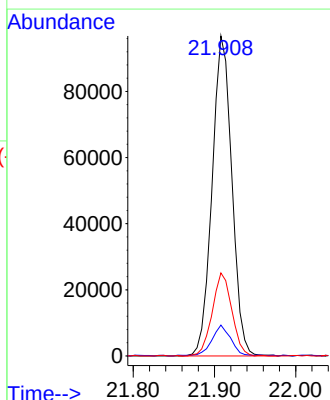
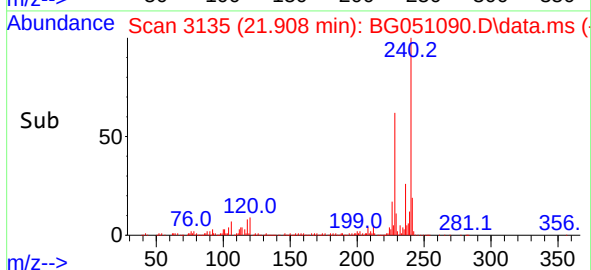
Reviewed By :Jagrut Upadhyay 11/17/2021  
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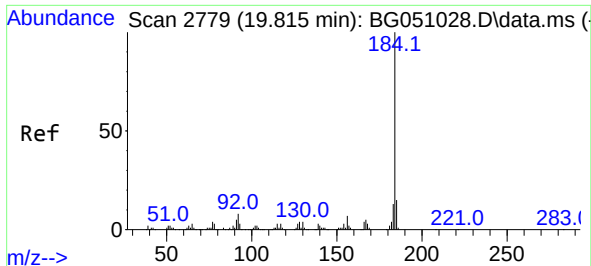


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.908 min Scan# 3135  
Delta R.T. 0.007 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25



Tgt Ion:240 Resp: 163504  
Ion Ratio Lower Upper  
240 100  
120 9.7 4.2 6.2#  
236 25.9 21.8 32.6





#77  
Benzidine  
Concen: 98.385 ng  
RT: 19.822 min Scan# 21  
Delta R.T. 0.007 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Instrument :

BNA\_G

ClientSampleId :

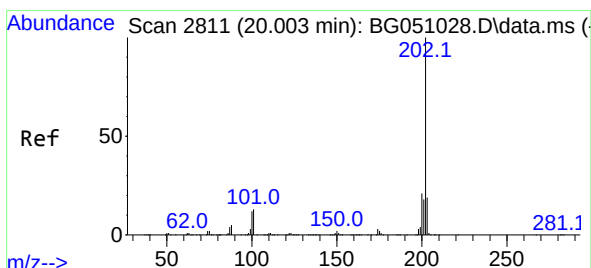
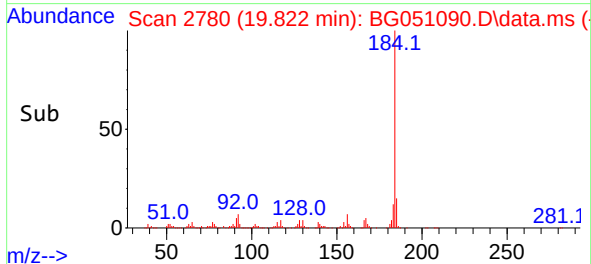
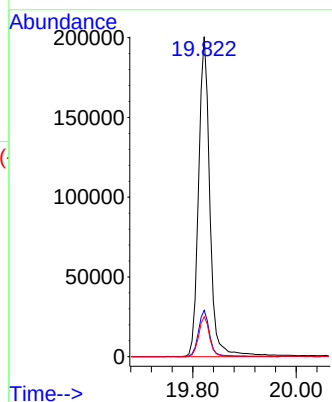
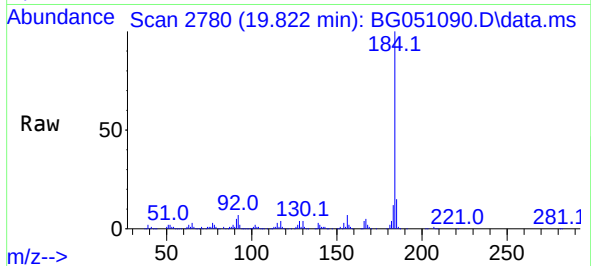
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Tgt Ion:184 Resp: 304068  
Ion Ratio Lower Upper  
184 100  
185 14.5 10.7 16.1  
183 12.5 9.4 14.0

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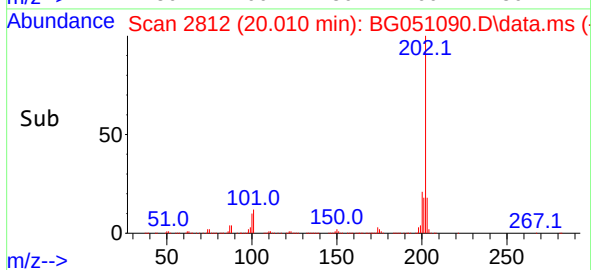
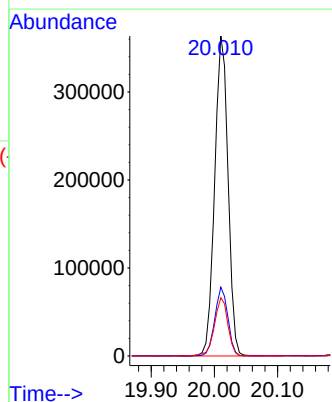
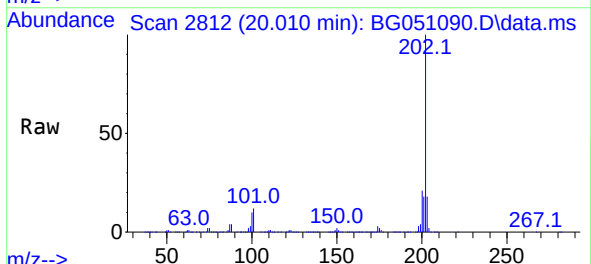
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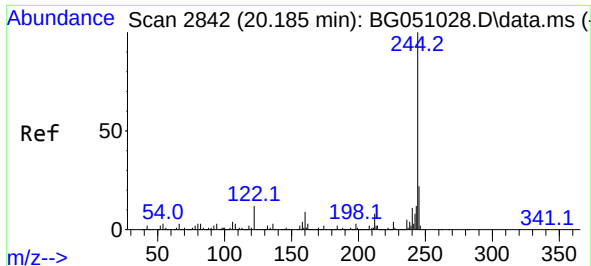
Reviewed By :Jagrut Upadhyay 11/17/2021  
Supervised By :mohammad ahmed 11/24/2021



#78  
Pyrene  
Concen: 43.529 ng  
RT: 20.010 min Scan# 2812  
Delta R.T. 0.007 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Tgt Ion:202 Resp: 533923  
Ion Ratio Lower Upper  
202 100  
200 21.5 15.8 23.8  
203 18.2 14.6 21.8





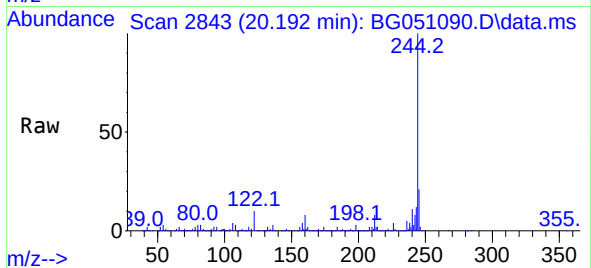
#79  
 Terphenyl-d14  
 Concen: 82.551 ng  
 RT: 20.192 min Scan# 21  
 Delta R.T. 0.007 min  
 Lab File: BG051090.D  
 Acq: 17 Nov 2021 13:25

Instrument :

BNA\_G

ClientSampleId :

PB140760BS

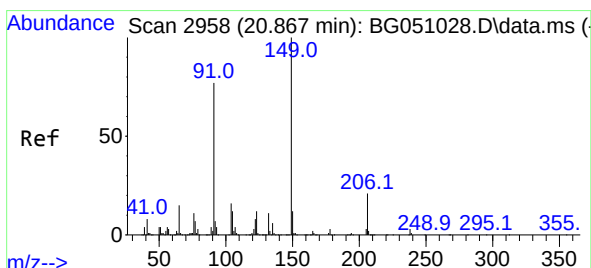
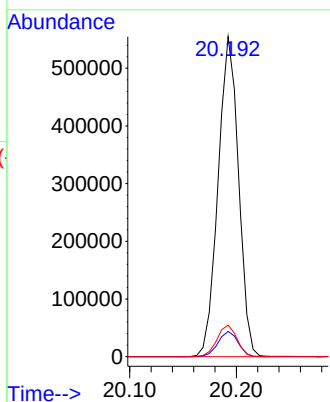
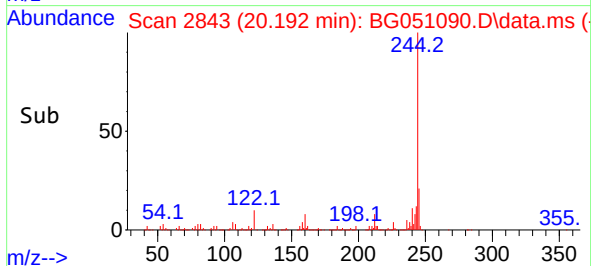


Tgt Ion:244 Resp: 737650  
 Ion Ratio Lower Upper  
 244 100  
 212 7.9 6.9 10.3  
 122 9.9 5.0 7.6

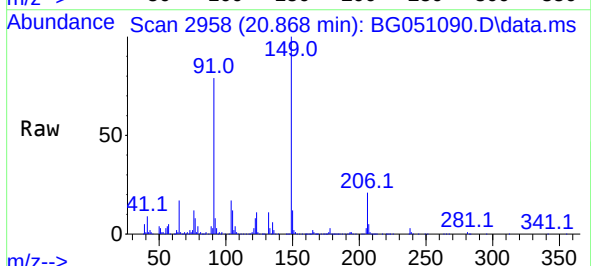
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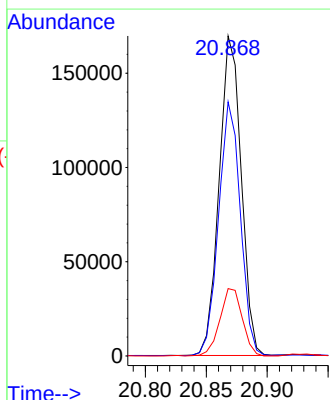
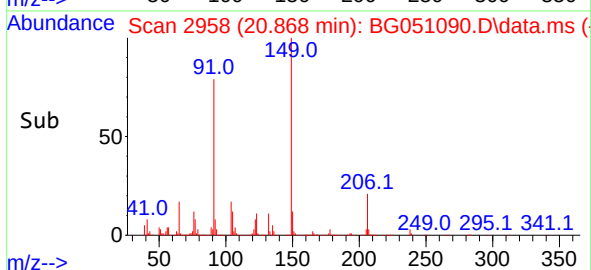
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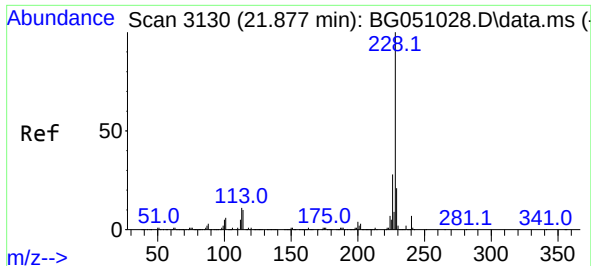


#80  
 Butylbenzylphthalate  
 Concen: 40.530 ng  
 RT: 20.868 min Scan# 2958  
 Delta R.T. 0.001 min  
 Lab File: BG051090.D  
 Acq: 17 Nov 2021 13:25



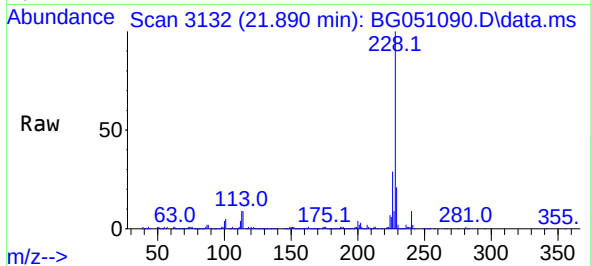
Tgt Ion:149 Resp: 213691  
 Ion Ratio Lower Upper  
 149 100  
 91 79.4 63.4 95.2  
 206 21.0 18.4 27.6





#81  
Benzo(a)anthracene  
Concen: 41.795 ng  
RT: 21.890 min Scan# 3112  
Delta R.T. 0.013 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

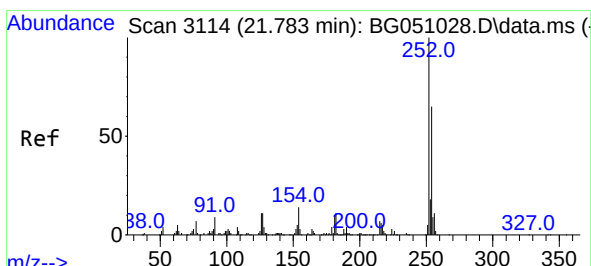
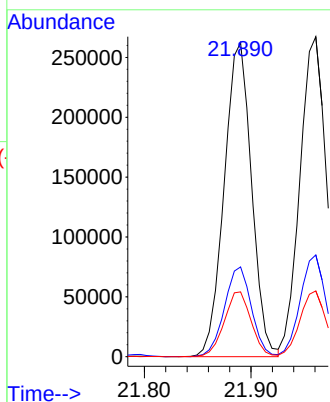
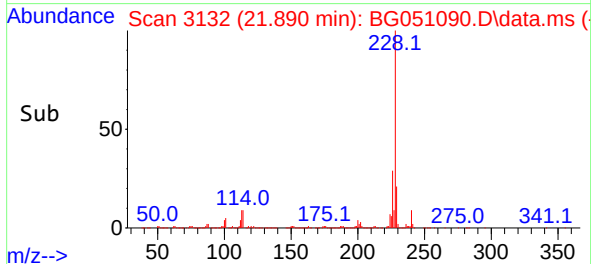
Instrument :  
BNA\_G  
ClientSampleId :  
PB140760BS



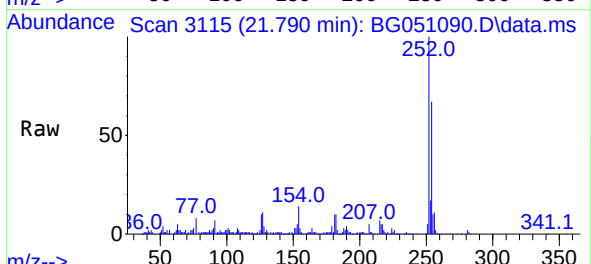
Tgt Ion:228 Resp: 469230  
Ion Ratio Lower Upper  
228 100  
226 28.6 22.7 34.1  
229 20.7 16.0 24.0

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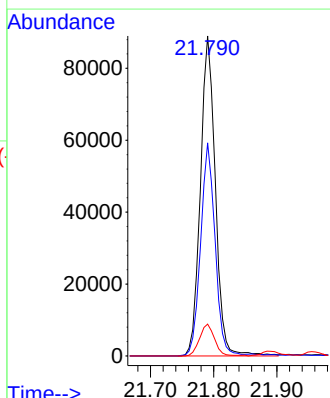
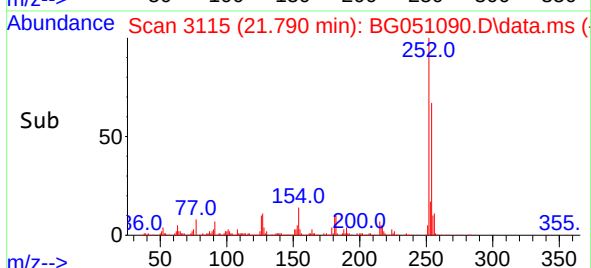
Reviewed By :Jagrut Upadhyay 11/17/2021  
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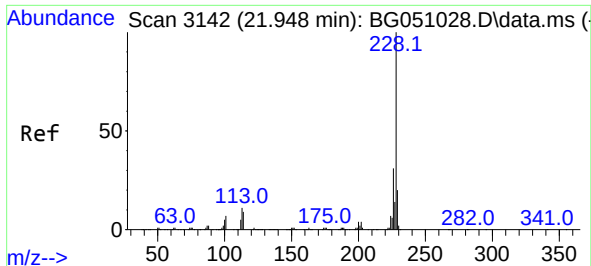


#82  
3,3'-Dichlorobenzidine  
Concen: 28.656 ng  
RT: 21.790 min Scan# 3115  
Delta R.T. 0.007 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25



Tgt Ion:252 Resp: 147135  
Ion Ratio Lower Upper  
252 100  
254 66.6 52.4 78.6  
126 9.9 5.9 8.9#





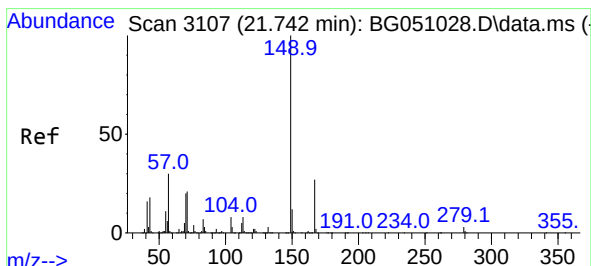
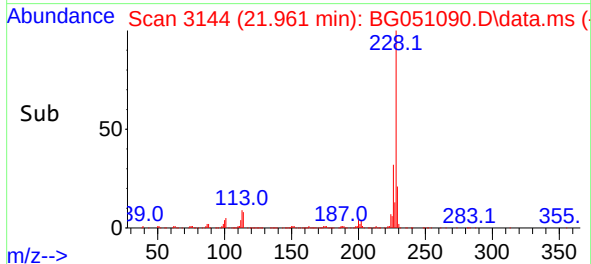
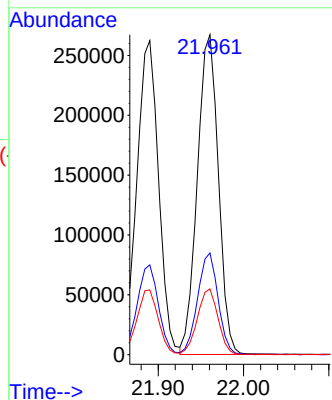
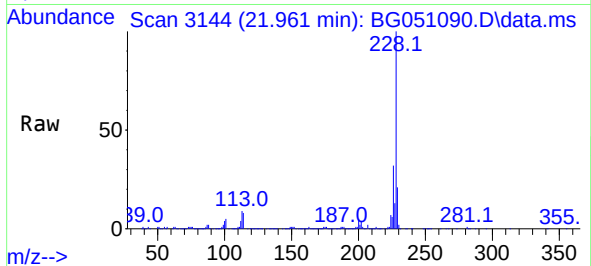
#83  
Chrysene  
Concen: 43.231 ng  
RT: 21.961 min Scan# 3144  
Delta R.T. 0.013 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Instrument :  
BNA\_G  
ClientSampleId :  
PB140760BS

Tgt Ion:228 Resp: 45785  
Ion Ratio Lower Upper  
228 100  
226 31.8 23.1 34.7  
229 20.6 15.3 22.9

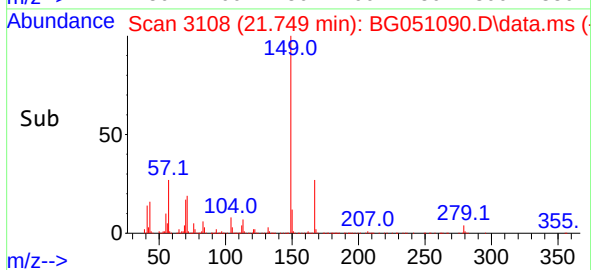
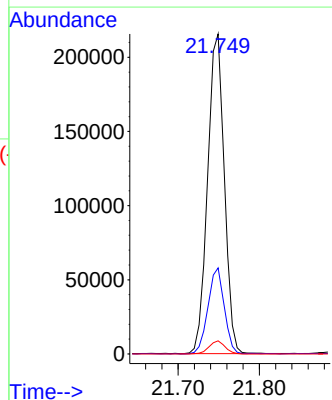
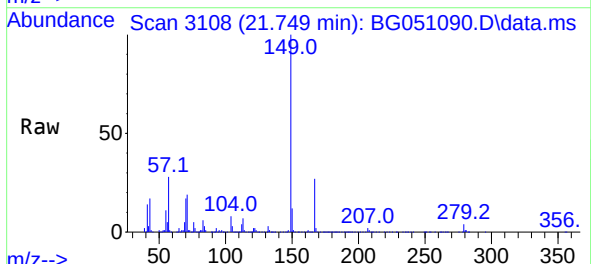
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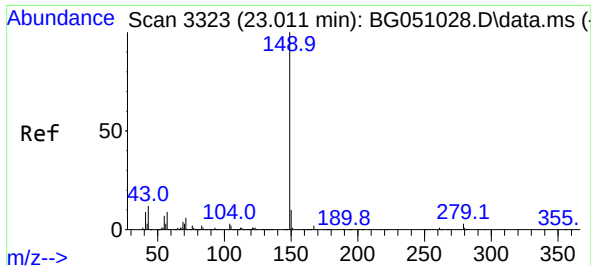
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 41.333 ng  
RT: 21.749 min Scan# 3108  
Delta R.T. 0.007 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

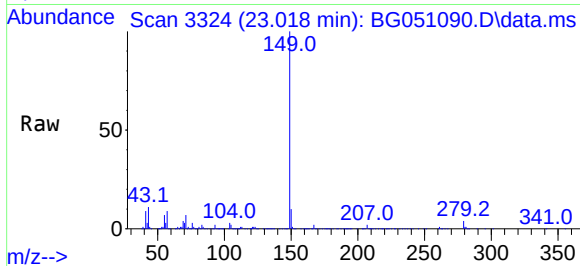
Tgt Ion:149 Resp: 306855  
Ion Ratio Lower Upper  
149 100  
167 26.9 22.3 33.5  
279 4.1 3.8 5.8





#85  
Di-n-octyl phthalate  
Concen: 41.370 ng  
RT: 23.018 min Scan# 31  
Delta R.T. 0.007 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

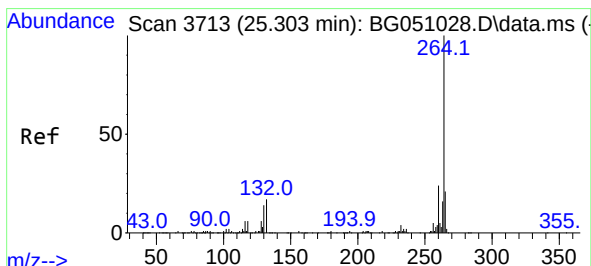
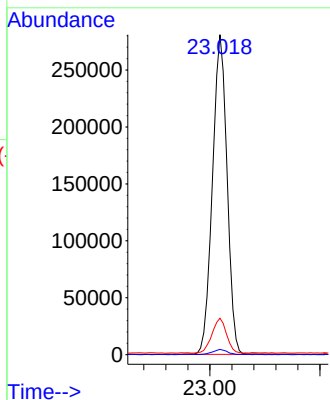
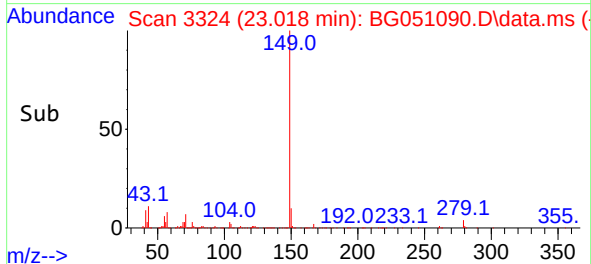
Instrument :  
BNA\_G  
ClientSampleId :  
PB140760BS



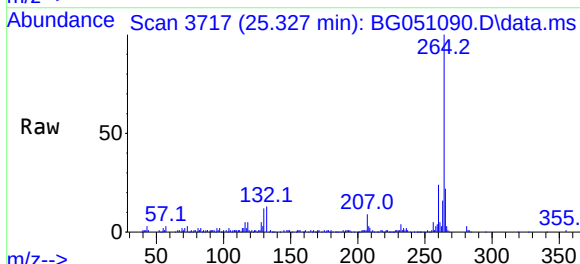
Tgt Ion:149 Resp: 51699  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.4 2.2  
43 10.8 8.6 12.8

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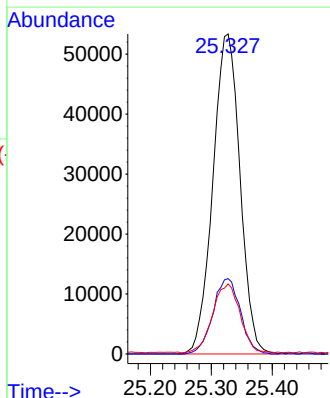
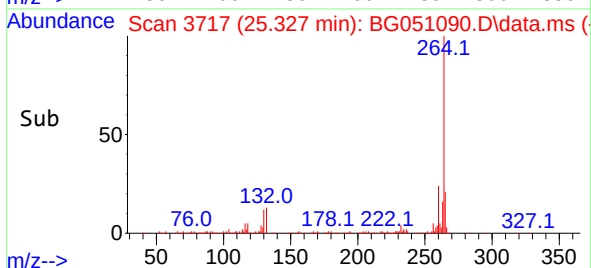
Reviewed By :Jagrut Upadhyay 11/17/2021  
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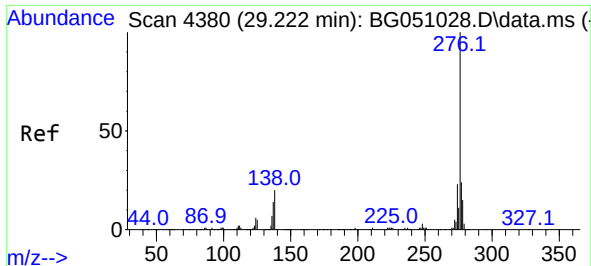


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.327 min Scan# 3717  
Delta R.T. 0.025 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25



Tgt Ion:264 Resp: 164786  
Ion Ratio Lower Upper  
264 100  
260 23.5 19.4 29.2  
265 21.9 16.9 25.3





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 44.926 ng  
RT: 29.276 min Scan# 41  
Delta R.T. 0.054 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Instrument :

BNA\_G

ClientSampleId :

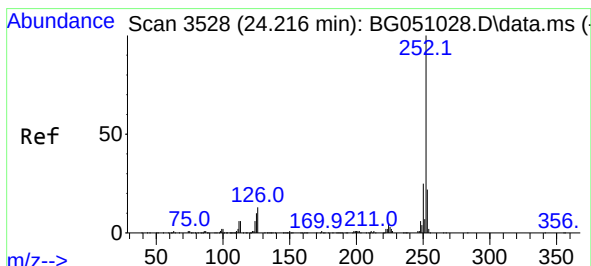
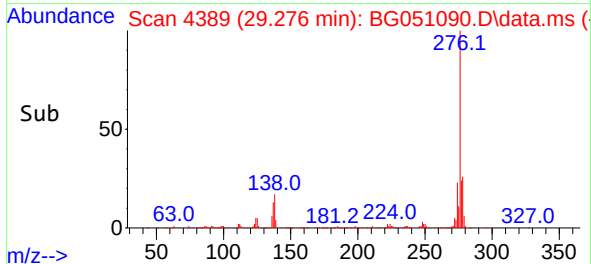
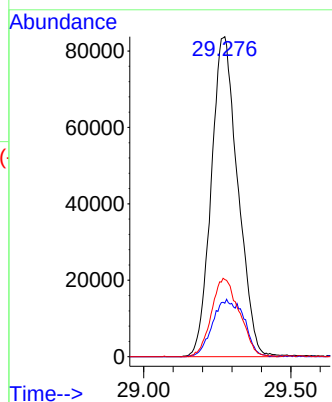
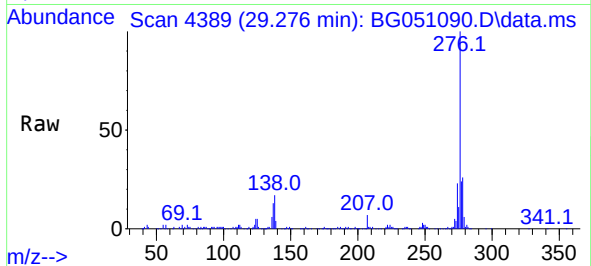
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Tgt Ion:276 Resp: 525469  
Ion Ratio Lower Upper  
276 100  
138 14.5 5.1 7.7  
277 25.8 19.8 29.6

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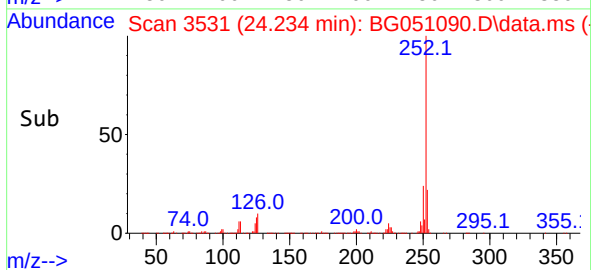
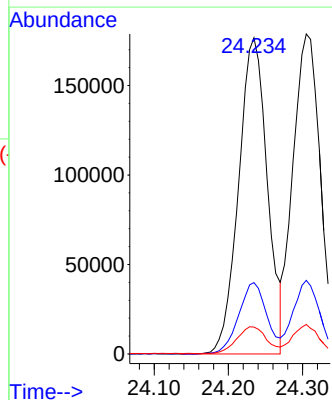
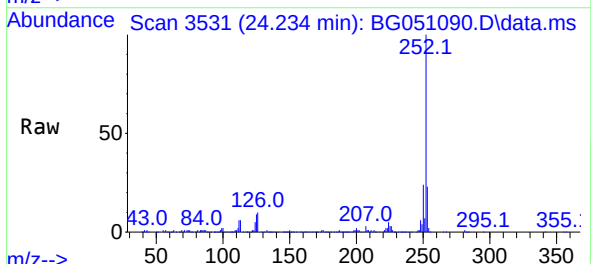
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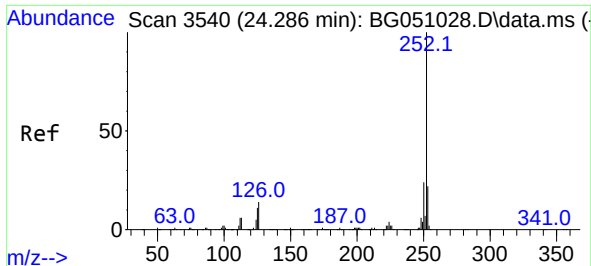
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#88  
Benzo(b)fluoranthene  
Concen: 45.882 ng  
RT: 24.234 min Scan# 3531  
Delta R.T. 0.019 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Tgt Ion:252 Resp: 475912  
Ion Ratio Lower Upper  
252 100  
253 22.6 16.2 24.4  
125 8.5 3.0 4.4





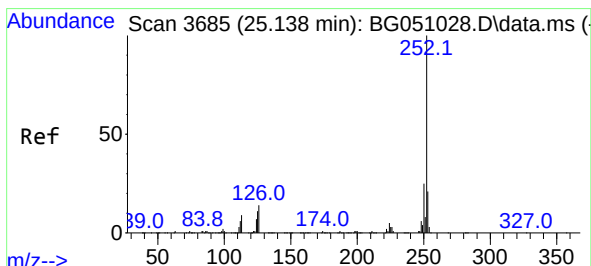
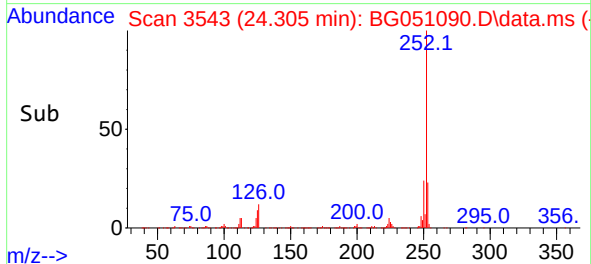
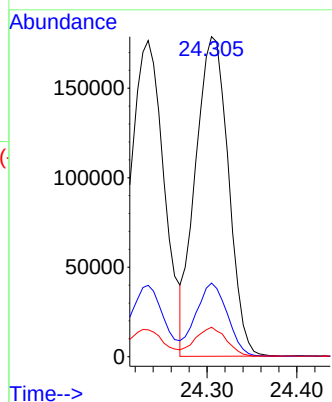
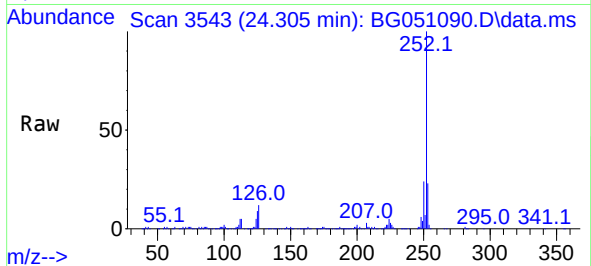
#89  
Benzo(k)fluoranthene  
Concen: 43.958 ng  
RT: 24.305 min Scan# 3543  
Delta R.T. 0.019 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Instrument :  
BNA\_G  
ClientSampleId :  
PB140760BS

Tgt Ion:252 Resp: 454752  
Ion Ratio Lower Upper  
252 100  
253 23.0 18.0 27.0  
125 9.2 3.1 4.7

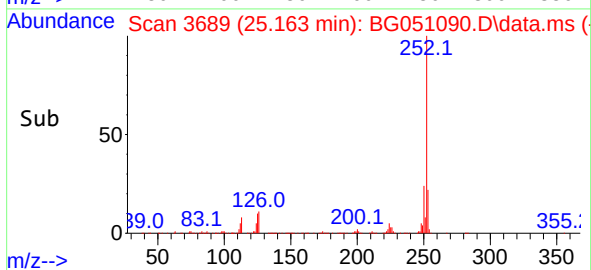
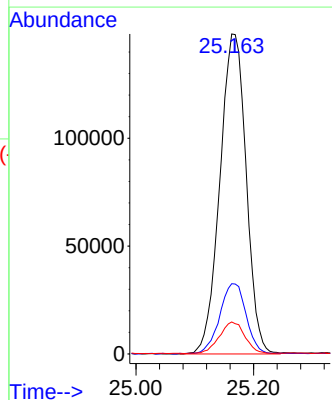
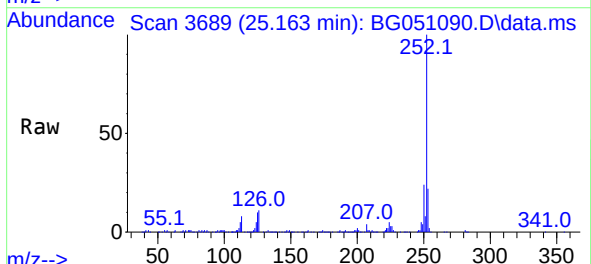
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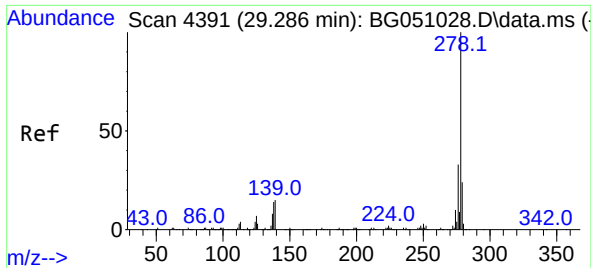


#90  
Benzo(a)pyrene  
Concen: 51.846 ng  
RT: 25.163 min Scan# 3689  
Delta R.T. 0.025 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Tgt Ion:252 Resp: 459120  
Ion Ratio Lower Upper  
252 100  
253 21.9 16.6 25.0  
125 10.0 3.5 5.3







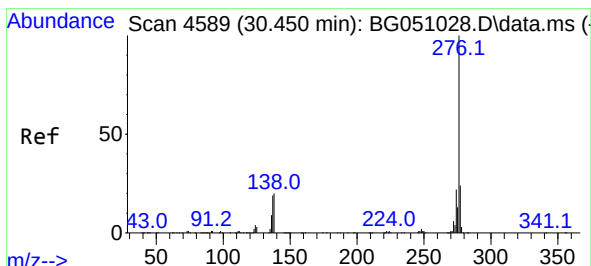
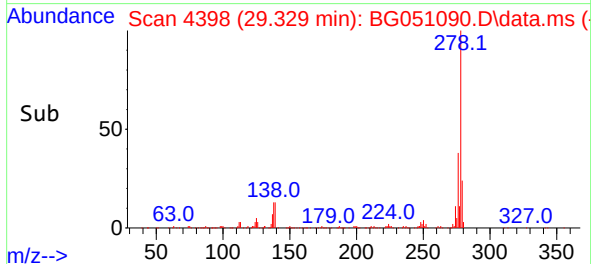
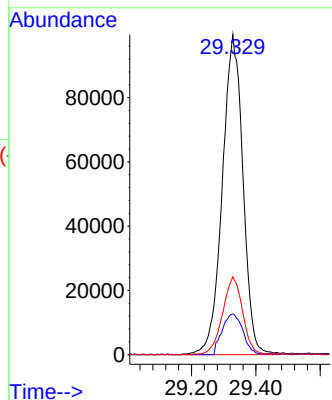
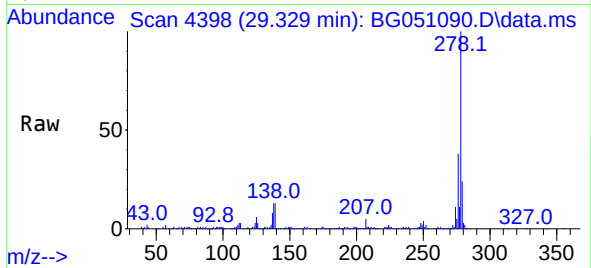
#91  
Dibenzo(a,h)anthracene  
Concen: 46.080 ng  
RT: 29.329 min Scan# 41  
Delta R.T. 0.042 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Instrument :  
BNA\_G  
ClientSampleId :  
PB140760BS

Tgt Ion:278 Resp: 44374  
Ion Ratio Lower Upper  
278 100  
139 12.7 4.6 6.8  
279 24.4 17.9 26.9

Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 11/17/2021  
Supervised By :mohammad ahmed 11/24/2021



#92  
Benzo(g,h,i)perylene  
Concen: 46.136 ng  
RT: 30.515 min Scan# 4600  
Delta R.T. 0.066 min  
Lab File: BG051090.D  
Acq: 17 Nov 2021 13:25

Tgt Ion:276 Resp: 437224  
Ion Ratio Lower Upper  
276 100  
277 23.6 18.4 27.6  
138 16.3 7.0 10.6#

