

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080723\  
 Data File : BM041307.D  
 Acq On : 07 Aug 2023 11:47  
 Operator : MA/JU  
 Sample : PB154558BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

## Instrument :

BNA\_M

## ClientSampleId :

PB154558BS

## Manual Integrations

## APPROVED

Reviewed By :Yogesh Patel 08/08/2023

Supervised By :mohammad ahmed 08/08/2023

Quant Time: Aug 07 17:28:37 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM072823.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Aug 07 17:25:06 2023

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.787  | 152  | 146263   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.592 | 136  | 550716   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.451 | 164  | 302572   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.215 | 188  | 594030   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.421 | 240  | 545549   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.786 | 264  | 672540   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.363  | 112  | 1009752  | 103.181 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.969  | 99   | 1228590  | 96.852  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.963  | 82   | 811591   | 68.534  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.957 | 330  | 461260   | 107.778 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.069 | 172  | 1671227  | 69.774  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.851 | 244  | 2283493  | 75.679  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.258  | 88   | 116146   | 27.744  | ng    | 96       |
| 3) Pyridine                   | 3.658  | 79   | 296456   | 26.932  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.575  | 42   | 164325   | 32.278  | ng    | 95       |
| 6) Aniline                    | 7.122  | 93   | 464791   | 31.308  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.351  | 128  | 364926   | 38.197  | ng    | 99       |
| 9) Benzaldehyde               | 6.934  | 77   | 216203m  | 32.300  | ng    |          |
| 10) Phenol                    | 6.998  | 94   | 451195   | 36.827  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.222  | 93   | 362639   | 36.566  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.669  | 146  | 413694   | 39.780  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.822  | 146  | 423972   | 40.561  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.134  | 146  | 403473   | 40.258  | ng    | 100      |
| 15) Benzyl Alcohol            | 8.045  | 79   | 321450m  | 40.127  | ng    |          |
| 16) 2,2'-oxybis(1-Chloropr... | 8.328  | 45   | 446073   | 33.758  | ng    | 96       |
| 17) 2-Methylphenol            | 8.245  | 107  | 295782   | 35.337  | ng    | 98       |
| 18) Hexachloroethane          | 8.857  | 117  | 160732   | 41.304  | ng    | 91       |
| 19) n-Nitroso-di-n-propyla... | 8.604  | 70   | 286696   | 37.209  | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.581  | 107  | 392508   | 35.071  | ng    | 96       |
| 22) Acetophenone              | 8.628  | 105  | 548624   | 37.615  | ng    | # 99     |
| 24) Nitrobenzene              | 9.010  | 77   | 429799   | 35.889  | ng    | 99       |
| 25) Isophorone                | 9.534  | 82   | 741156   | 36.869  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.716  | 139  | 195846   | 41.833  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 9.781  | 122  | 289941   | 35.195  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.016 | 93   | 441573   | 35.067  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.251 | 162  | 327502   | 39.422  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.457 | 180  | 380638   | 41.470  | ng    | 99       |
| 31) Naphthalene               | 10.645 | 128  | 1082967  | 36.238  | ng    | 99       |
| 32) Benzoic acid              | 9.945  | 122  | 228670   | 38.604  | ng    | 98       |
| 33) 4-Chloroaniline           | 10.775 | 127  | 307626   | 25.758  | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.910 | 225  | 243627   | 44.133  | ng    | 98       |
| 35) Caprolactam               | 11.586 | 113  | 87712    | 36.497  | ng    | 91       |
| 36) 4-Chloro-3-methylphenol   | 11.910 | 107  | 318277   | 36.399  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.263 | 142  | 704966   | 34.990  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.486 | 142  | 669747   | 35.517  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.633 | 216  | 395999   | 40.306  | ng    | # 98     |
| 41) Hexachlorocyclopentadiene | 12.598 | 237  | 456193   | 87.766  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.886 | 196  | 253238   | 40.215  | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080723\  
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 Sample : PB154558BS  
 Misc :  
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Instrument :  
 BNA\_M  
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Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/08/2023  
 Supervised By :mohammad ahmed 08/08/2023

Quant Time: Aug 07 17:28:37 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM072823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 07 17:25:06 2023  
 Response via : Initial Calibration

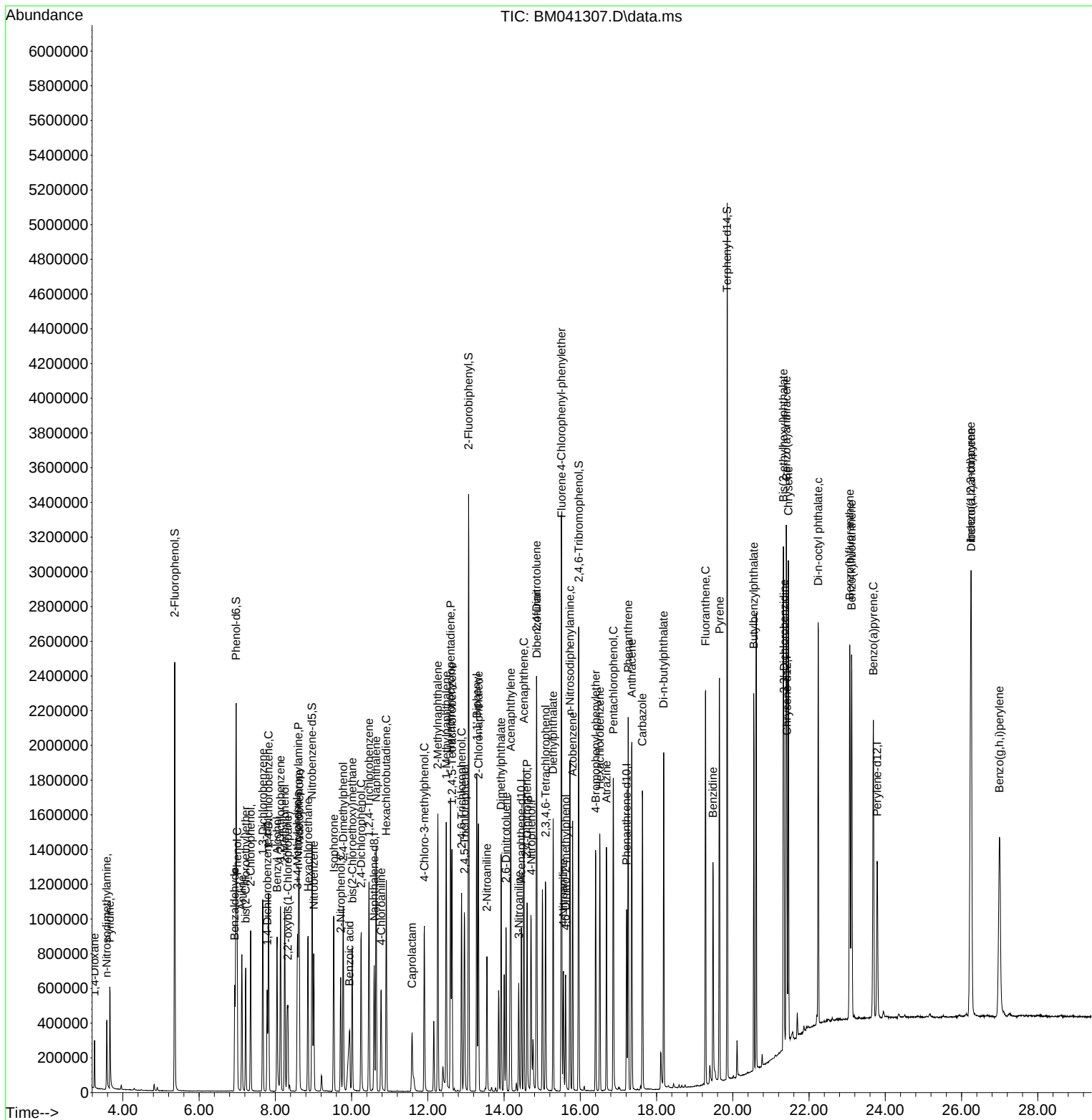
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.963 | 196  | 268470   | 36.835  | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.286 | 154  | 900601   | 36.716  | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.327 | 162  | 710748   | 38.806  | ng    | 98       |
| 48) 2-Nitroaniline            | 13.551 | 65   | 211051   | 36.100  | ng    | 99       |
| 49) Acenaphthylene            | 14.174 | 152  | 1100183  | 37.216  | ng    | 99       |
| 50) Dimethylphthalate         | 13.922 | 163  | 819568   | 36.009  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.051 | 165  | 178585   | 37.869  | ng    | 99       |
| 52) Acenaphthene              | 14.522 | 154  | 631541   | 35.462  | ng    | 100      |
| 53) 3-Nitroaniline            | 14.386 | 138  | 149860   | 28.564  | ng    | 92       |
| 54) 2,4-Dinitrophenol         | 14.604 | 184  | 233890   | 73.922  | ng    | 90       |
| 55) Dibenzofuran              | 14.857 | 168  | 1028525  | 35.398  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.710 | 139  | 285916   | 72.746  | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 14.851 | 165  | 239023   | 36.188  | ng    | 94       |
| 58) Fluorene                  | 15.510 | 166  | 806092   | 35.166  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.086 | 232  | 231090   | 39.155  | ng    | 96       |
| 60) Diethylphthalate          | 15.286 | 149  | 799986   | 36.346  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.504 | 204  | 422802   | 36.809  | ng    | 99       |
| 62) 4-Nitroaniline            | 15.557 | 138  | 164374   | 34.004  | ng    | 95       |
| 63) Azobenzene                | 15.798 | 77   | 823592   | 34.160  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.616 | 198  | 140635   | 39.080  | ng    | 89       |
| 66) n-Nitrosodiphenylamine    | 15.727 | 169  | 673312   | 36.445  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.404 | 248  | 253303   | 38.892  | ng    | 99       |
| 68) Hexachlorobenzene         | 16.510 | 284  | 296594   | 40.953  | ng    | 98       |
| 69) Atrazine                  | 16.686 | 200  | 237079   | 48.865  | ng    | 99       |
| 70) Pentachlorophenol         | 16.868 | 266  | 336108   | 67.021  | ng    | 100      |
| 71) Phenanthrene              | 17.257 | 178  | 1188242  | 36.002  | ng    | 100      |
| 72) Anthracene                | 17.351 | 178  | 1199990  | 36.762  | ng    | 99       |
| 73) Carbazole                 | 17.627 | 167  | 1086239  | 36.766  | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.186 | 149  | 1324451  | 39.671  | ng    | 99       |
| 75) Fluoranthene              | 19.286 | 202  | 1361949  | 36.730  | ng    | 98       |
| 77) Benzidine                 | 19.480 | 184  | 766794   | 103.122 | ng    | 100      |
| 78) Pyrene                    | 19.651 | 202  | 1416147  | 37.120  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.551 | 149  | 586233   | 42.078  | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.403 | 228  | 1429698  | 38.657  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.345 | 252  | 526405   | 43.619  | ng    | 99       |
| 83) Chrysene                  | 21.456 | 228  | 1307263  | 36.544  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.327 | 149  | 884732   | 40.412  | ng    | # 97     |
| 85) Di-n-octyl phthalate      | 22.245 | 149  | 1559498  | 44.290  | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.244 | 276  | 1964999  | 39.740  | ng    | 96       |
| 88) Benzo(b)fluoranthene      | 23.068 | 252  | 1510924  | 37.818  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.115 | 252  | 1463158  | 35.802  | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.686 | 252  | 1364439  | 35.542  | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 26.256 | 278  | 1660512  | 40.262  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 26.991 | 276  | 1560891  | 38.679  | ng    | 97       |

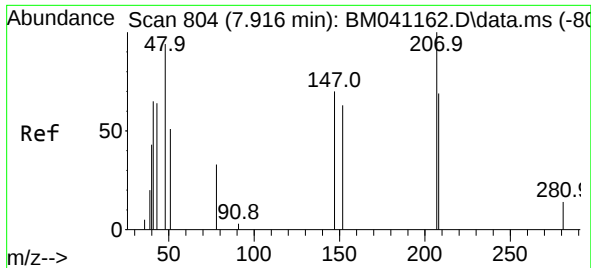
(#) = qualifier out of range (m) = manual integration (+) = signals summed

## Manual Integrations

Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

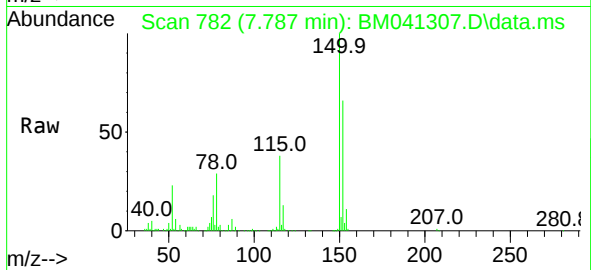
Quant Time: Aug 07 17:28:37 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM072823.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Aug 07 17:25:06 2023  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.787 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

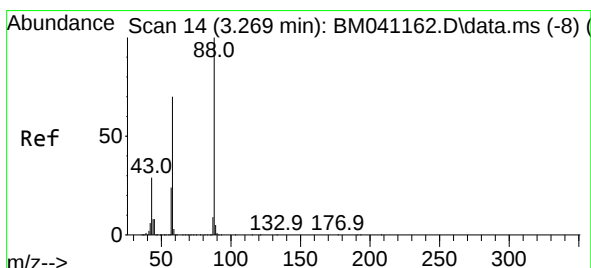
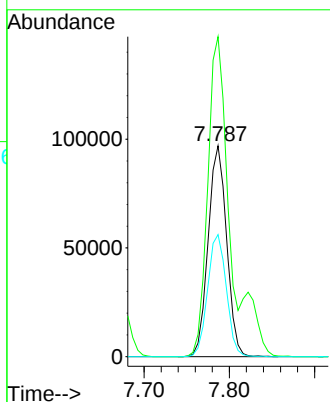
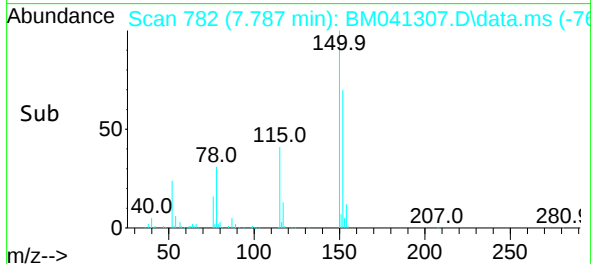
Instrument :  
BNA\_M  
ClientSampleId :  
PB154558BS



Tgt Ion:152 Resp: 14626  
Ion Ratio Lower Upper  
152 100  
150 151.8 125.5 188.3  
115 57.9 48.0 72.0

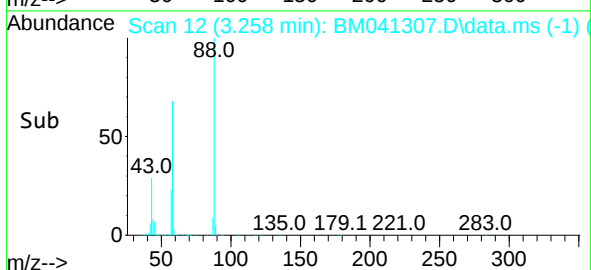
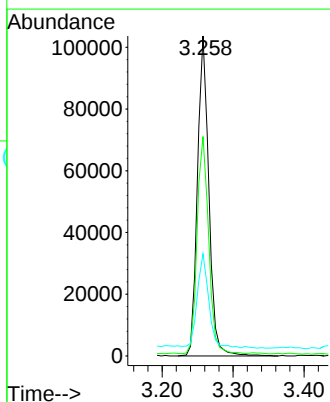
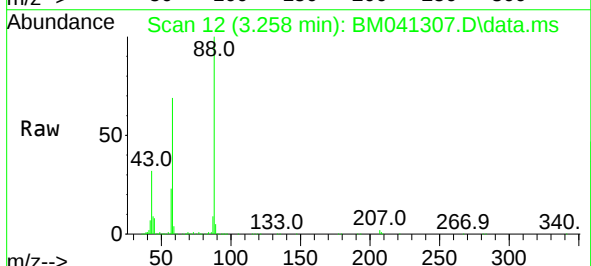
Manual Integrations  
APPROVED

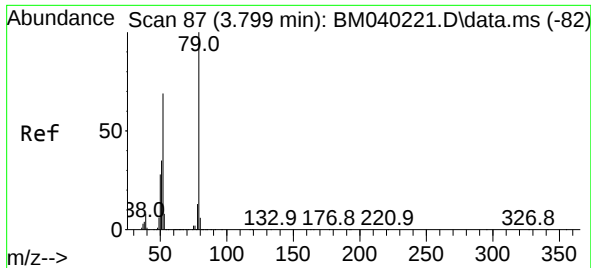
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#2  
1,4-Dioxane  
Concen: 27.744 ng  
RT: 3.258 min Scan# 12  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

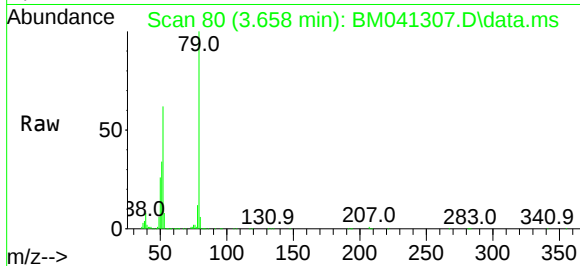
Tgt Ion: 88 Resp: 116146  
Ion Ratio Lower Upper  
88 100  
58 68.6 58.2 87.4  
43 29.5 24.4 36.6





#3  
 Pyridine  
 Concen: 26.932 ng  
 RT: 3.658 min Scan# 80  
 Delta R.T. -0.006 min  
 Lab File: BM041307.D  
 Acq: 07 Aug 2023 11:47

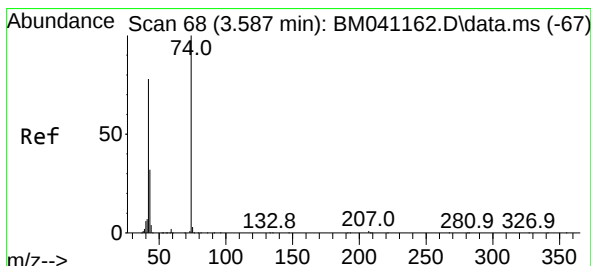
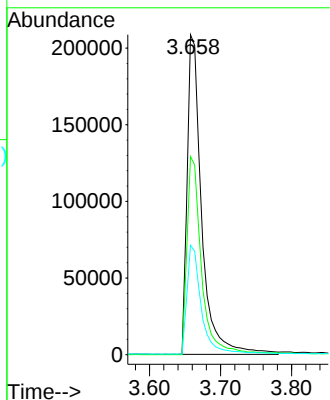
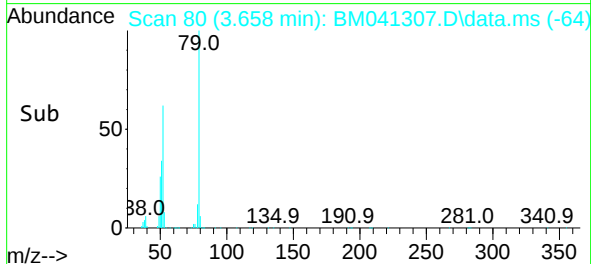
Instrument :  
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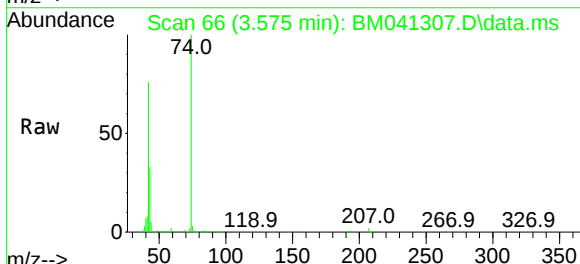
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 Ion Ratio Lower Upper  
 79 100  
 52 61.9 52.1 78.1  
 51 34.2 27.5 41.3

Manual Integrations  
 APPROVED

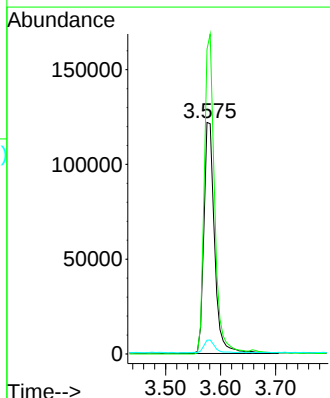
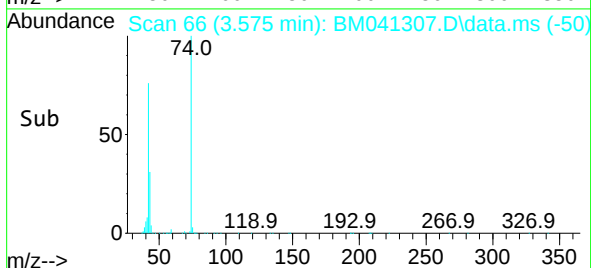
Reviewed By :Yogesh Patel 08/08/2023  
 Supervised By :mohammad ahmed 08/08/2023

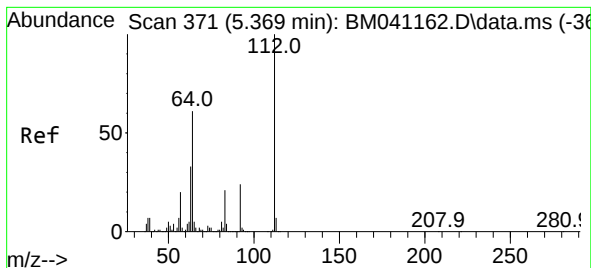


#4  
 n-Nitrosodimethylamine  
 Concen: 32.278 ng  
 RT: 3.575 min Scan# 66  
 Delta R.T. -0.006 min  
 Lab File: BM041307.D  
 Acq: 07 Aug 2023 11:47



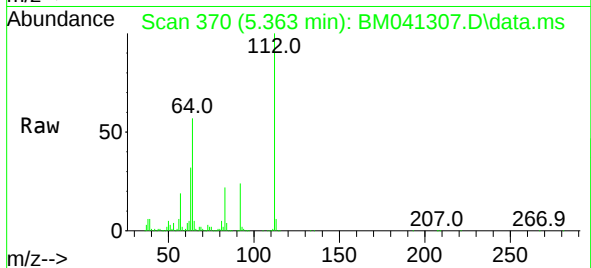
Tgt Ion: 42 Resp: 164325  
 Ion Ratio Lower Upper  
 42 100  
 74 131.6 100.8 151.2  
 44 5.9 5.0 7.4





#5  
2-Fluorophenol  
Concen: 103.181 ng  
RT: 5.363 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

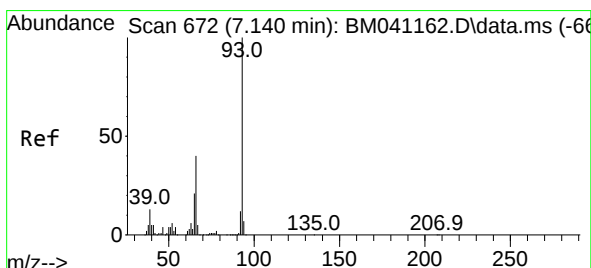
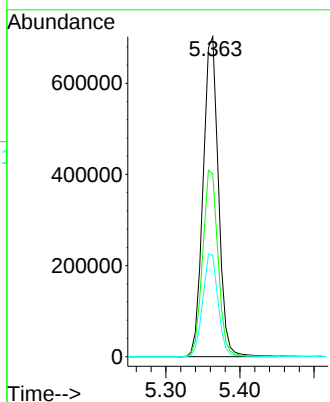
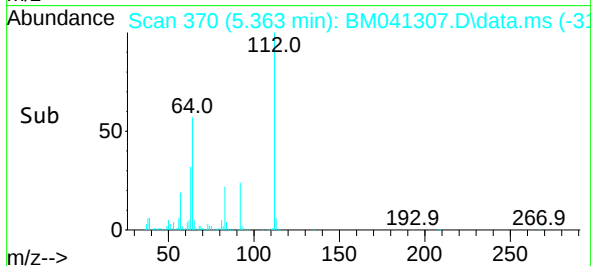
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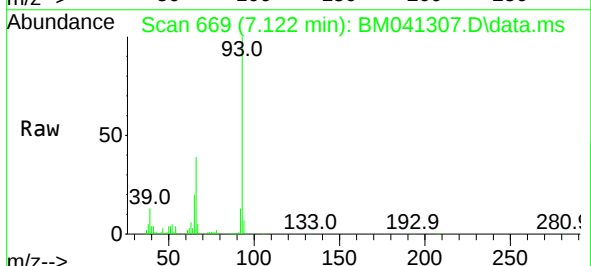
Tgt Ion: 112 Resp: 100975  
Ion Ratio Lower Upper  
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64 57.2 48.5 72.7  
63 31.7 26.5 39.7

Manual Integrations  
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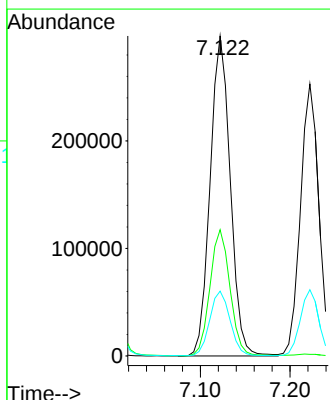
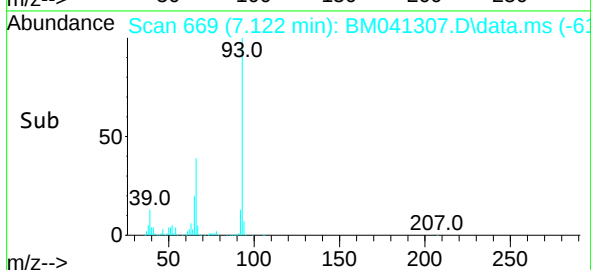
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

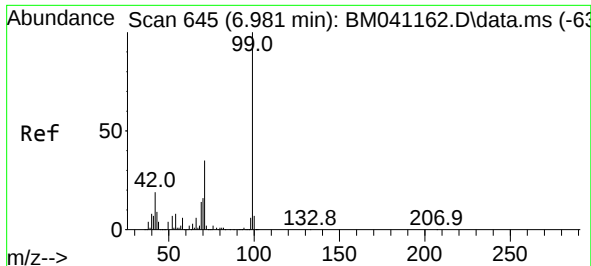


#6  
Aniline  
Concen: 31.308 ng  
RT: 7.122 min Scan# 669  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47



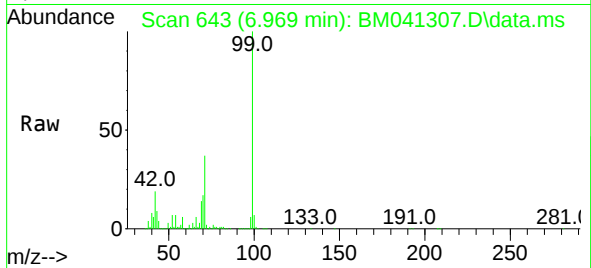
Tgt Ion: 93 Resp: 464791  
Ion Ratio Lower Upper  
93 100  
66 39.5 32.0 48.0  
65 20.2 16.6 24.8





#7  
Phenol-d6  
Concen: 96.852 ng  
RT: 6.969 min Scan# 645  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

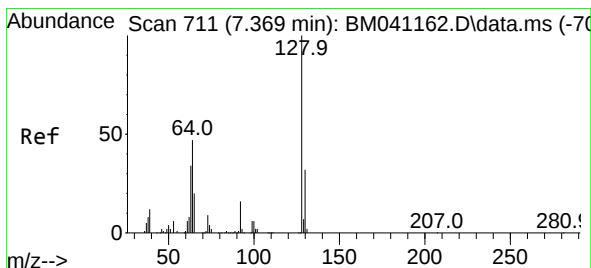
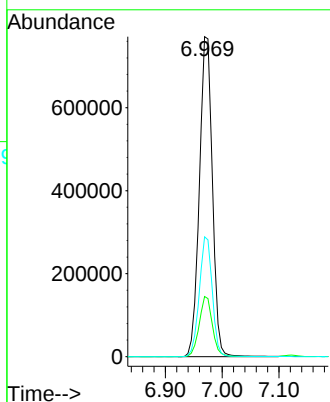
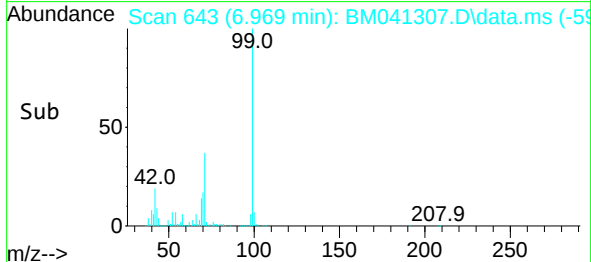
Instrument :  
BNA\_M  
ClientSampleId :  
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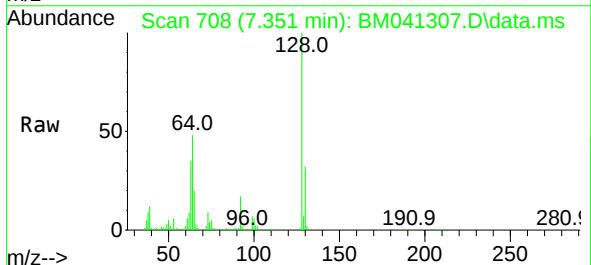
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Ion Ratio Lower Upper  
99 100  
42 18.8 15.4 23.0  
71 37.4 28.2 42.4

Manual Integrations  
APPROVED

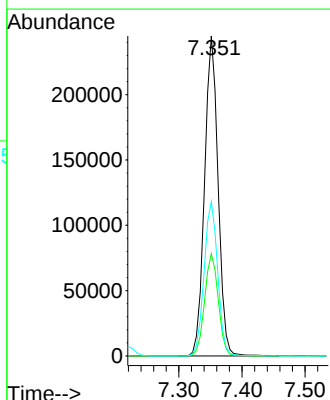
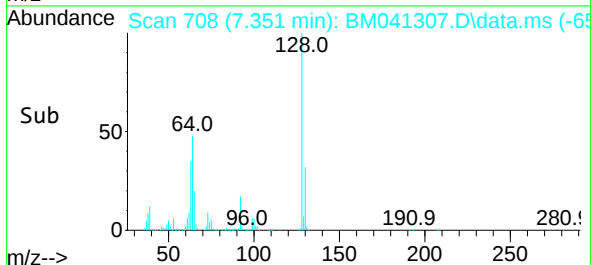
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

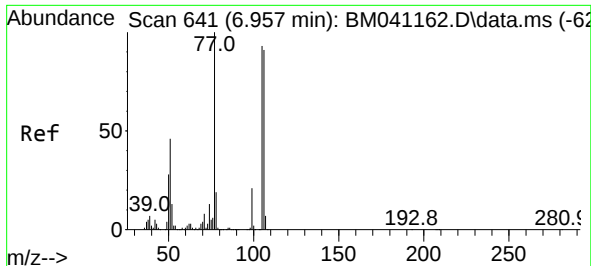


#8  
2-Chlorophenol  
Concen: 38.197 ng  
RT: 7.351 min Scan# 708  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47



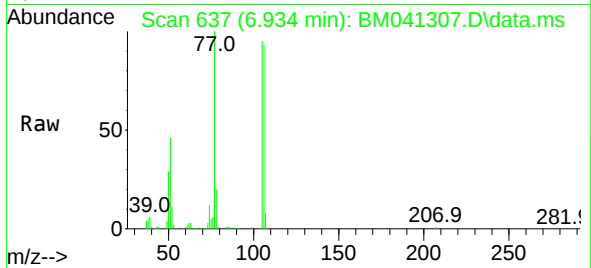
Tgt Ion:128 Resp: 364926  
Ion Ratio Lower Upper  
128 100  
130 31.9 12.3 52.3  
64 48.2 29.3 69.3





#9  
Benzaldehyde  
Concen: 32.300 ng m  
RT: 6.934 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

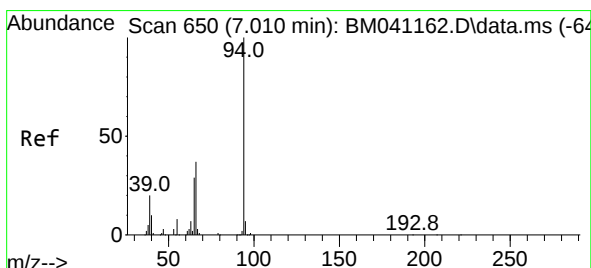
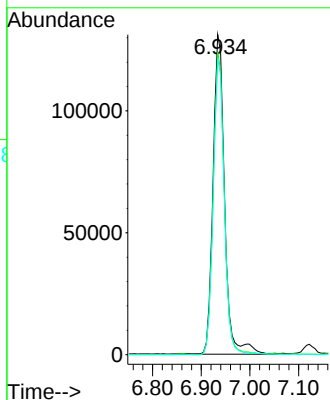
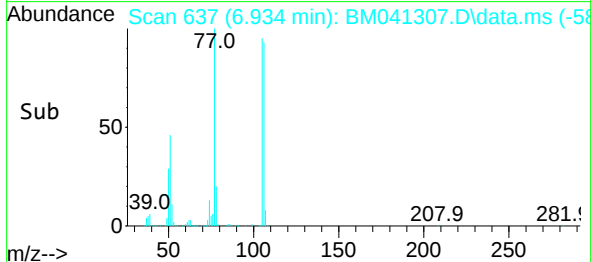
Instrument :  
BNA\_M  
ClientSampleId :  
PB154558BS



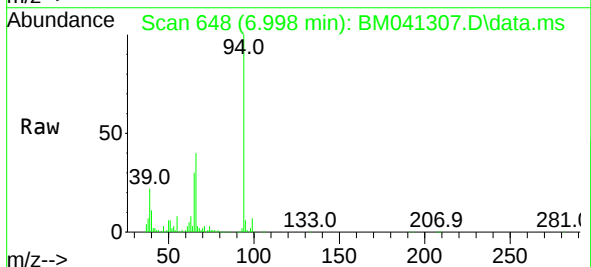
Tgt Ion: 77 Resp: 21620  
Ion Ratio Lower Upper  
77 100  
105 94.5 72.8 112.8  
106 92.8 70.8 110.8

Manual Integrations  
APPROVED

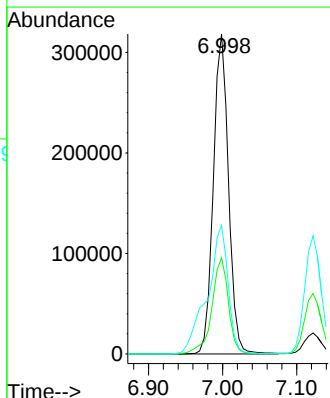
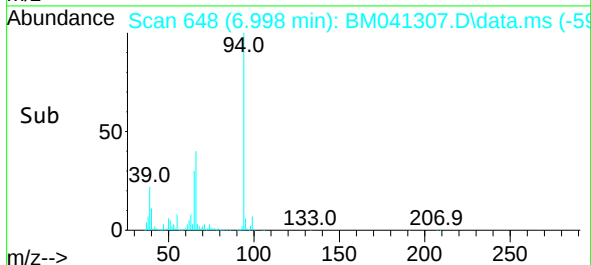
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

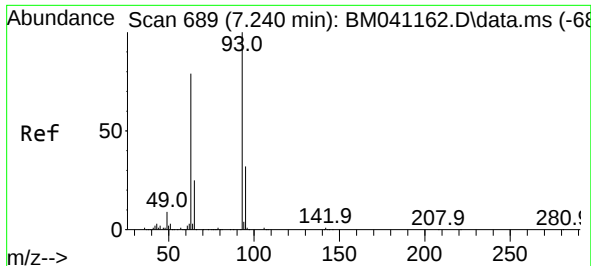


#10  
Phenol  
Concen: 36.827 ng  
RT: 6.998 min Scan# 648  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47



Tgt Ion: 94 Resp: 451195  
Ion Ratio Lower Upper  
94 100  
65 30.0 9.5 49.5  
66 40.2 18.0 58.0





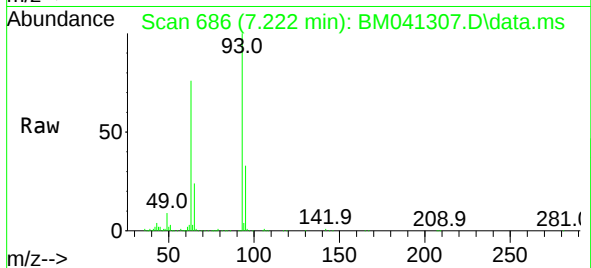
#11  
bis(2-Chloroethyl)ether  
Concen: 36.566 ng  
RT: 7.222 min Scan# 686  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

Instrument :

BNA\_M

ClientSampleId :

PB154558BS



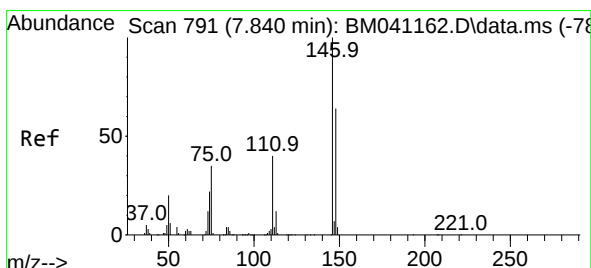
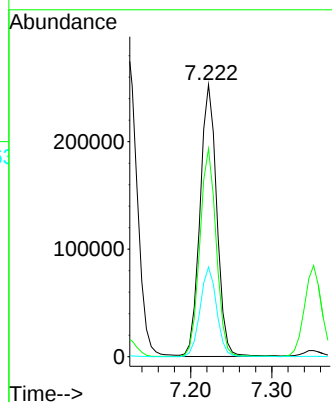
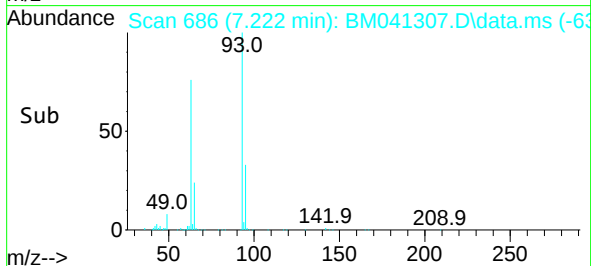
Tgt Ion: 93 Resp: 362639  
Ion Ratio Lower Upper  
93 100  
63 76.5 58.8 98.8  
95 33.0 11.8 51.8

Manual Integrations

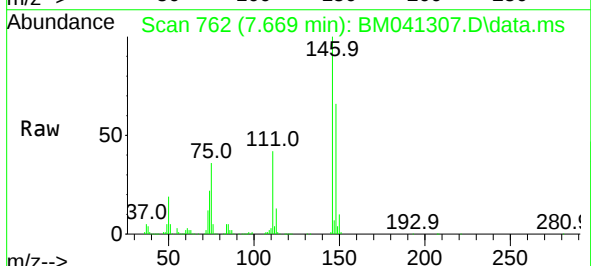
APPROVED

Reviewed By :Yogesh Patel 08/08/2023

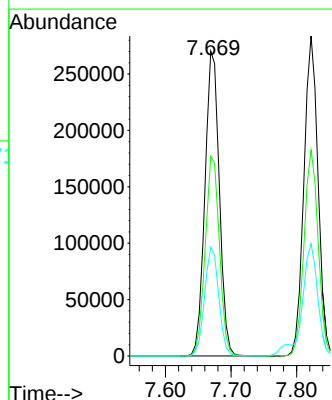
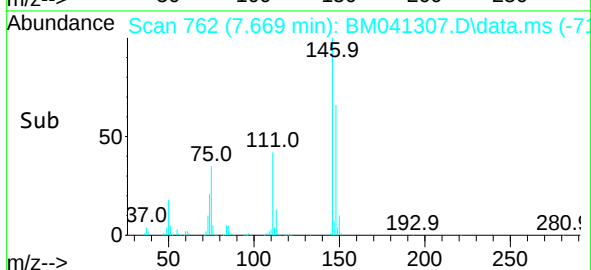
Supervised By :mohammad ahmed 08/08/2023

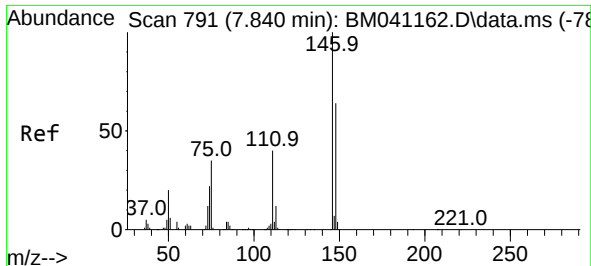


#12  
1,3-Dichlorobenzene  
Concen: 39.780 ng  
RT: 7.669 min Scan# 762  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47



Tgt Ion:146 Resp: 413694  
Ion Ratio Lower Upper  
146 100  
148 65.5 51.9 77.9  
75 35.7 28.3 42.5





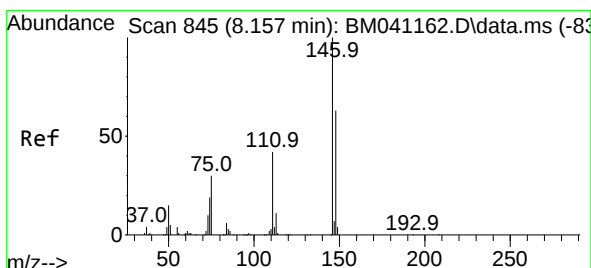
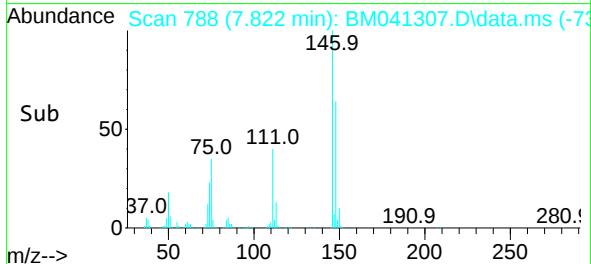
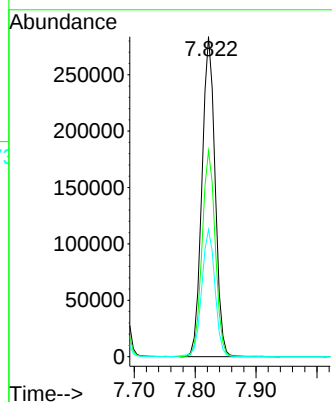
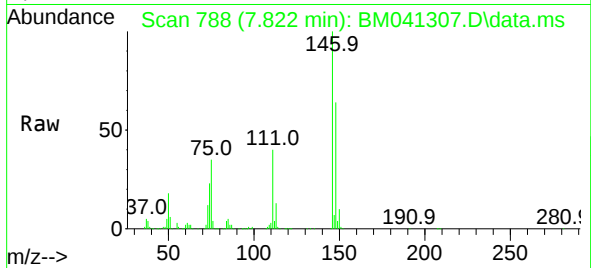
#13  
1,4-Dichlorobenzene  
Concen: 40.561 ng  
RT: 7.822 min Scan# 791  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

Instrument :  
BNA\_M  
ClientSampleId :  
PB154558BS

Tgt Ion:146 Resp: 423972  
Ion Ratio Lower Upper  
146 100  
148 64.4 51.4 77.0  
111 39.7 32.4 48.6

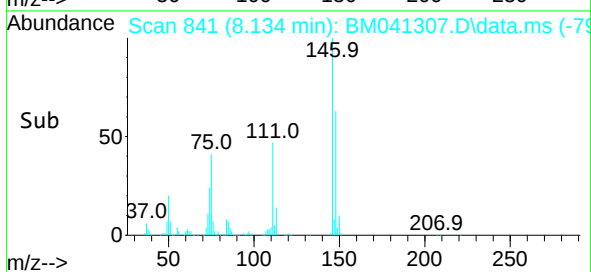
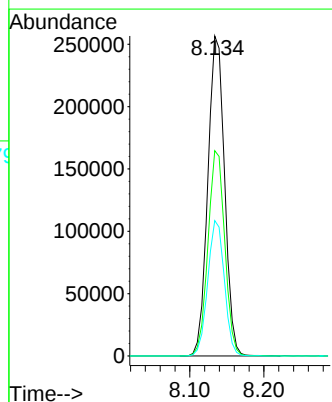
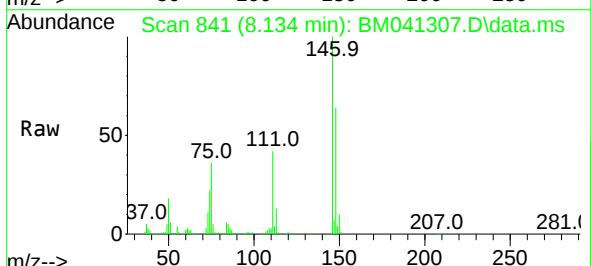
Manual Integrations  
APPROVED

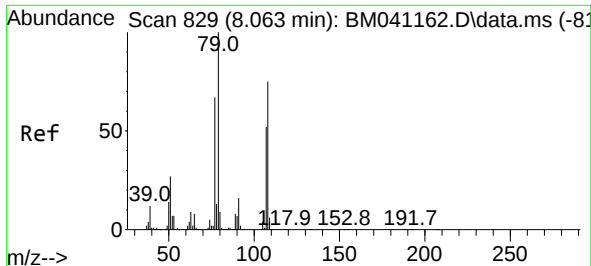
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#14  
1,2-Dichlorobenzene  
Concen: 40.258 ng  
RT: 8.134 min Scan# 841  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

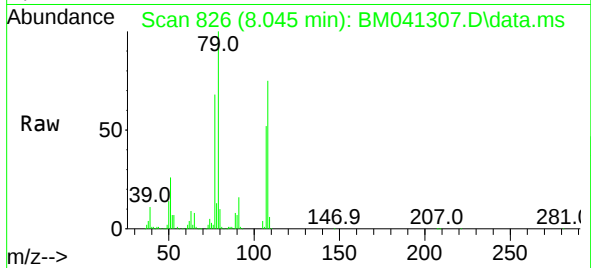
Tgt Ion:146 Resp: 403473  
Ion Ratio Lower Upper  
146 100  
148 64.1 50.9 76.3  
111 42.3 33.8 50.6





#15  
Benzyl Alcohol  
Concen: 40.127 ng m  
RT: 8.045 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

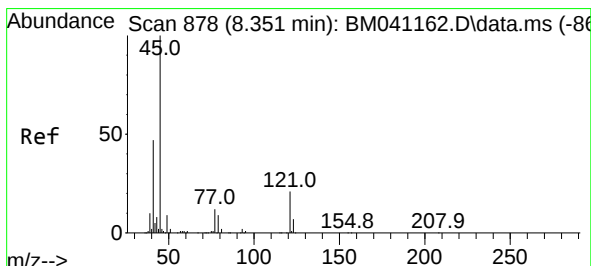
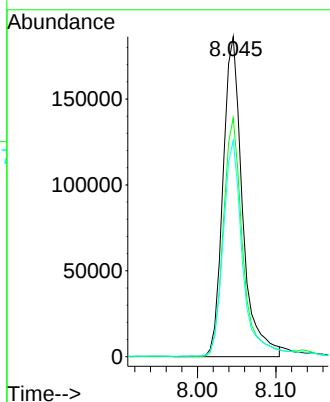
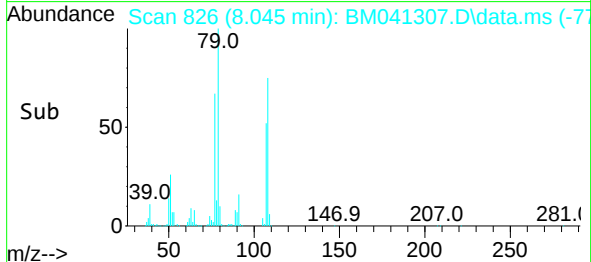
Instrument :  
BNA\_M  
ClientSampleId :  
PB154558BS



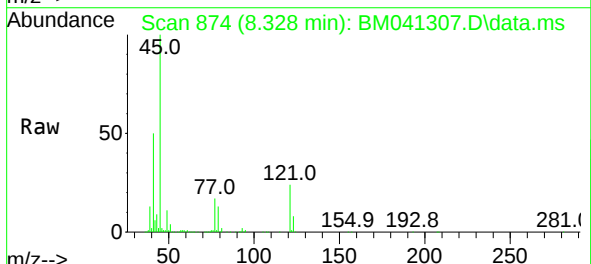
Tgt Ion: 79 Resp: 321450  
Ion Ratio Lower Upper  
79 100  
108 74.6 59.8 89.8  
77 67.5 53.8 80.6

Manual Integrations  
APPROVED

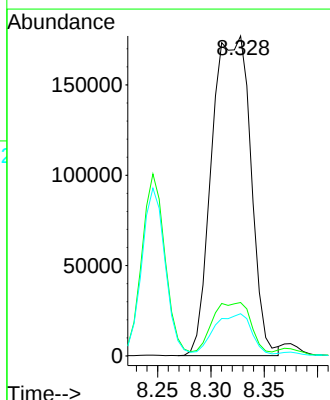
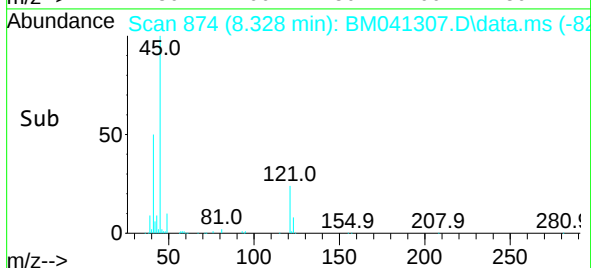
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

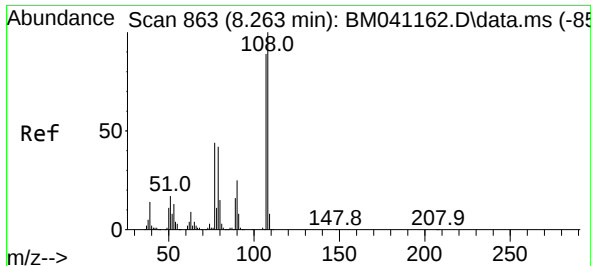


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 33.758 ng  
RT: 8.328 min Scan# 874  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47



Tgt Ion: 45 Resp: 446073  
Ion Ratio Lower Upper  
45 100  
77 16.7 0.0 34.5  
79 13.2 0.0 32.1





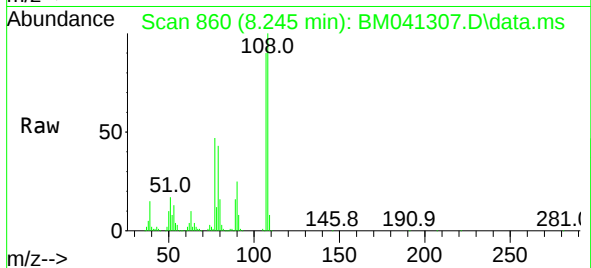
#17  
2-Methylphenol  
Concen: 35.337 ng  
RT: 8.245 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

Instrument :

BNA\_M

ClientSampleId :

PB154558BS

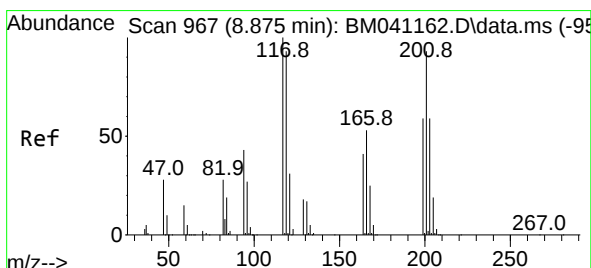
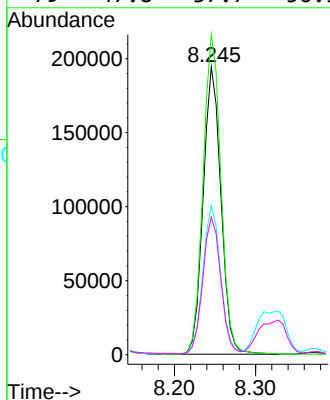
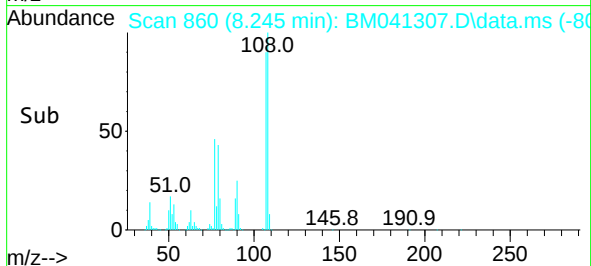


Tgt Ion:107 Resp: 29578  
Ion Ratio Lower Upper  
107 100  
108 111.2 89.9 134.9  
77 51.8 39.8 59.8  
79 47.8 37.7 56.5

Manual Integrations

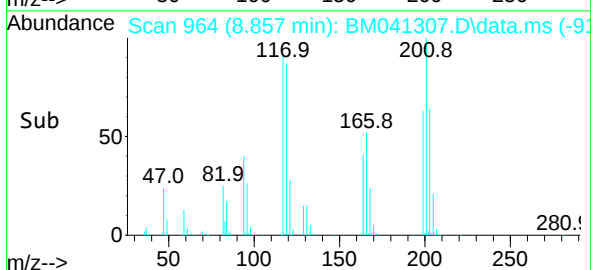
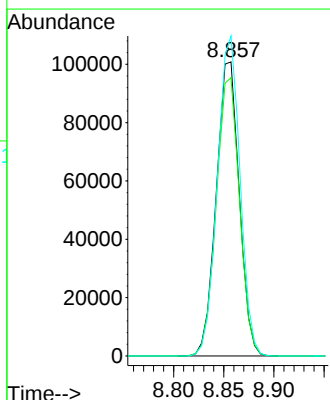
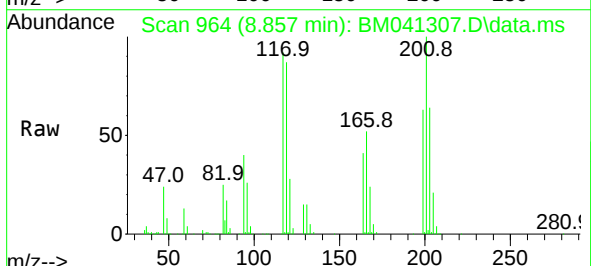
APPROVED

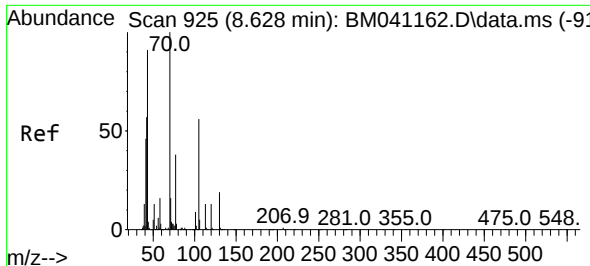
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#18  
Hexachloroethane  
Concen: 41.304 ng  
RT: 8.857 min Scan# 964  
Delta R.T. 0.006 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

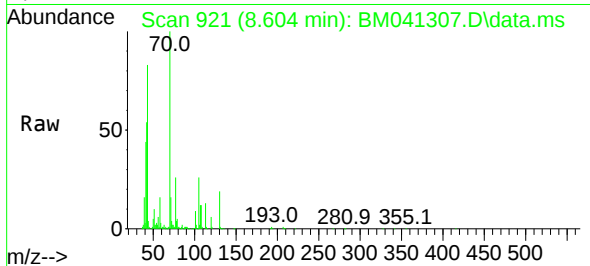
Tgt Ion:117 Resp: 160732  
Ion Ratio Lower Upper  
117 100  
119 94.6 74.2 111.4  
201 108.8 74.5 111.7





#19  
n-Nitroso-di-n-propylamine  
Concen: 37.209 ng  
RT: 8.604 min Scan# 917  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

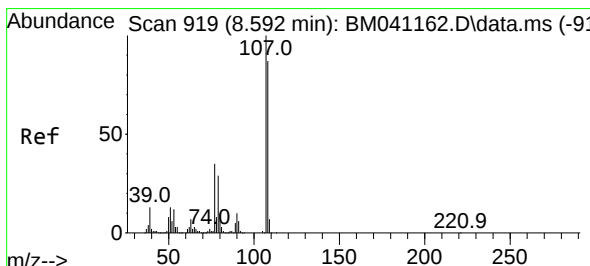
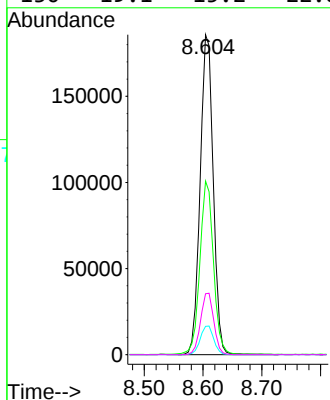
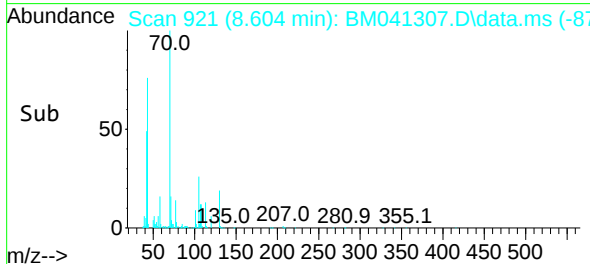
Instrument :  
BNA\_M  
ClientSampleId :  
PB154558BS



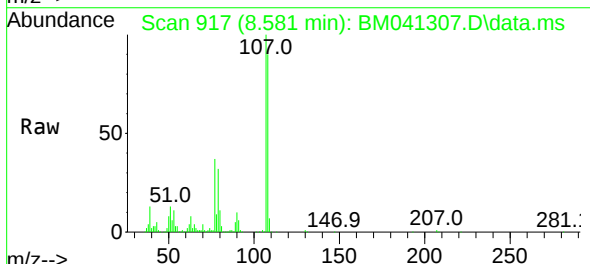
Tgt Ion: 70 Resp: 286690  
Ion Ratio Lower Upper  
70 100  
42 54.2 45.8 68.8  
101 8.9 7.4 11.0  
130 19.1 15.2 22.8

Manual Integrations  
APPROVED

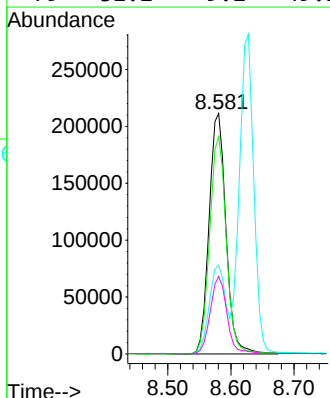
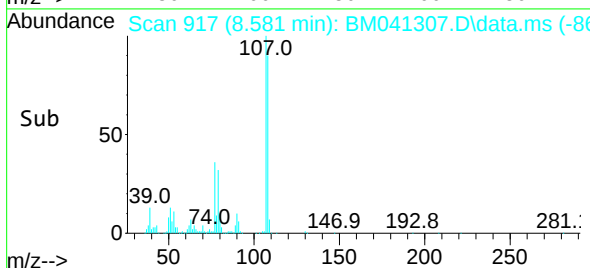
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

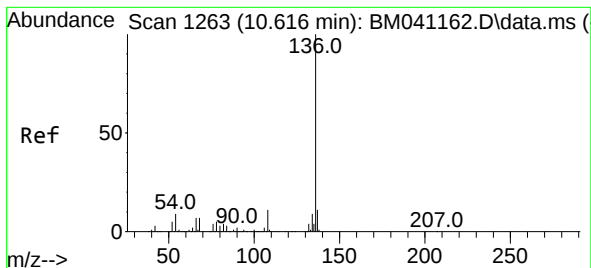


#20  
3+4-Methylphenols  
Concen: 35.071 ng  
RT: 8.581 min Scan# 917  
Delta R.T. 0.006 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47



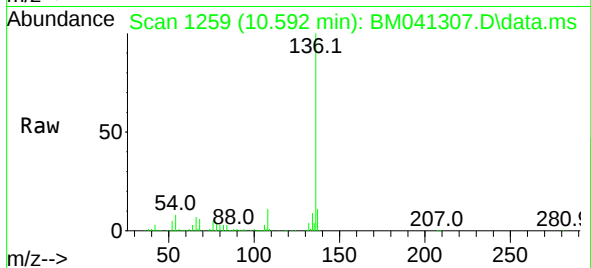
Tgt Ion:107 Resp: 392508  
Ion Ratio Lower Upper  
107 100  
108 90.4 67.2 107.2  
77 36.9 15.4 55.4  
79 32.2 9.2 49.2





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.592 min Scan# 1259  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

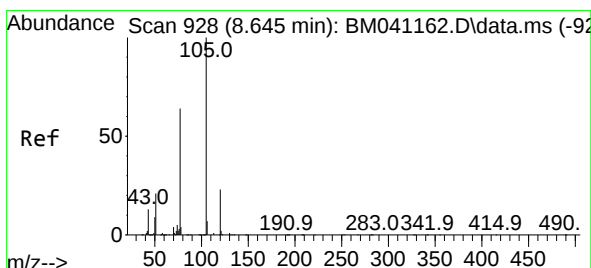
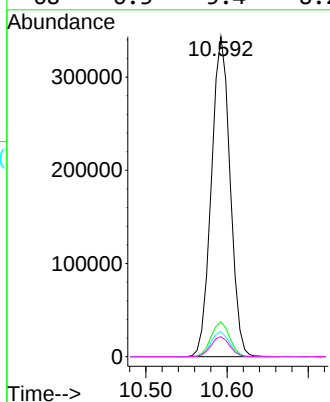
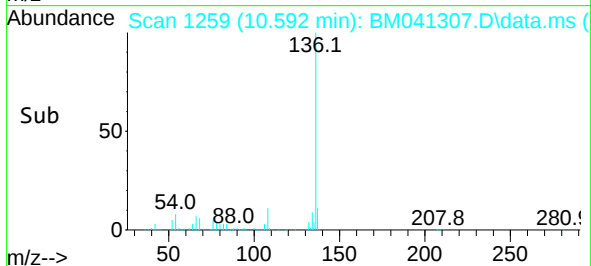
Instrument :  
BNA\_M  
ClientSampleId :  
PB154558BS



Tgt Ion:136 Resp: 550710  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 7.9 6.9 10.3  
68 6.3 5.4 8.2

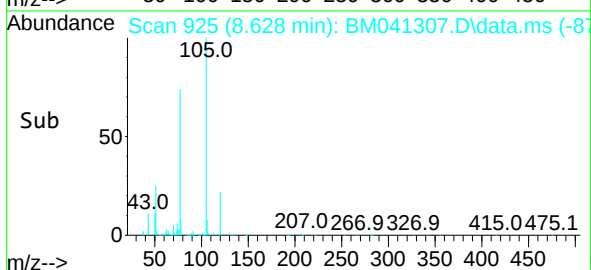
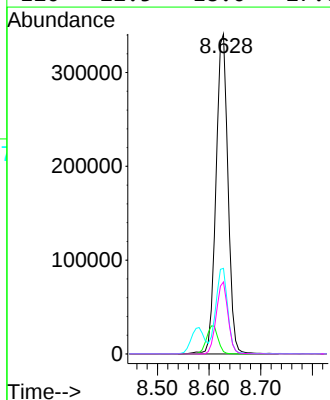
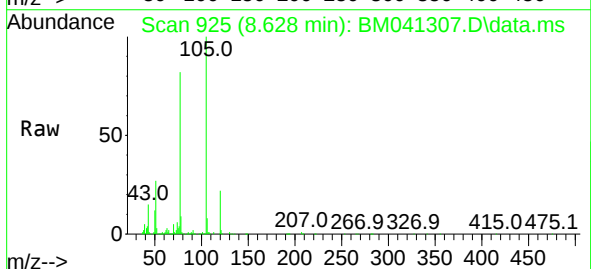
Manual Integrations  
APPROVED

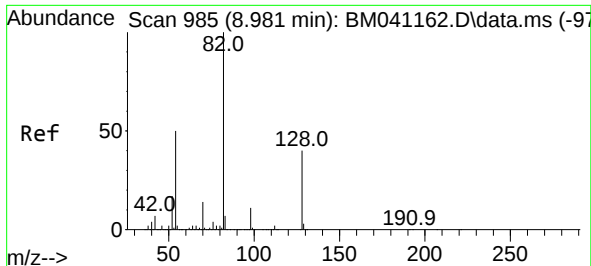
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#22  
Acetophenone  
Concen: 37.615 ng  
RT: 8.628 min Scan# 925  
Delta R.T. 0.006 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

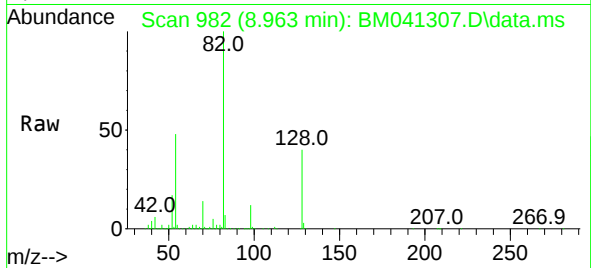
Tgt Ion:105 Resp: 548624  
Ion Ratio Lower Upper  
105 100  
71 0.8 1.2 1.8#  
51 26.8 22.0 33.0  
120 22.5 18.0 27.0





#23  
Nitrobenzene-d5  
Concen: 68.534 ng  
RT: 8.963 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

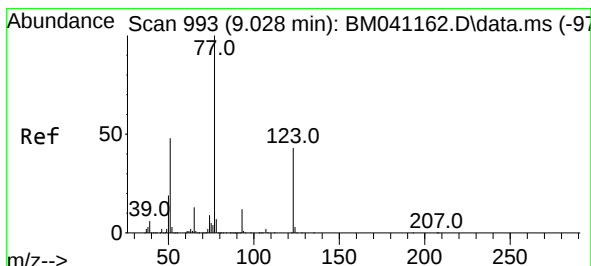
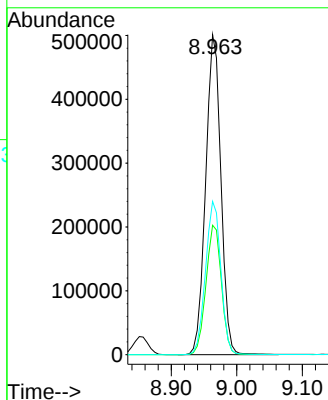
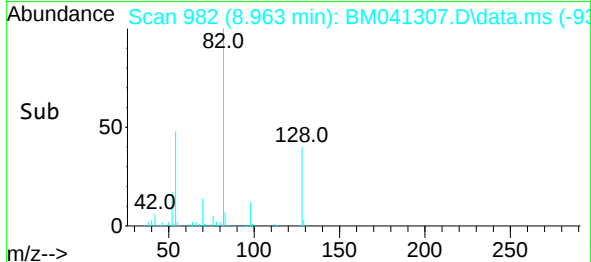
Instrument :  
BNA\_M  
ClientSampleId :  
PB154558BS



Tgt Ion: 82 Resp: 81159  
Ion Ratio Lower Upper  
82 100  
128 40.5 31.8 47.6  
54 47.9 40.1 60.1

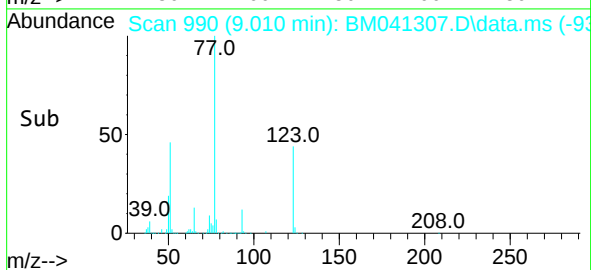
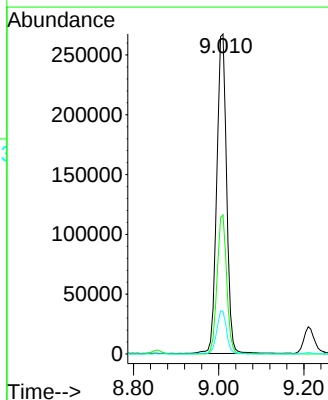
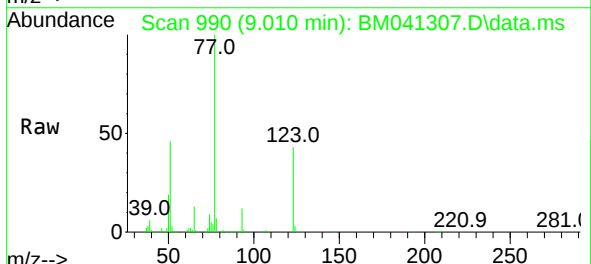
Manual Integrations  
APPROVED

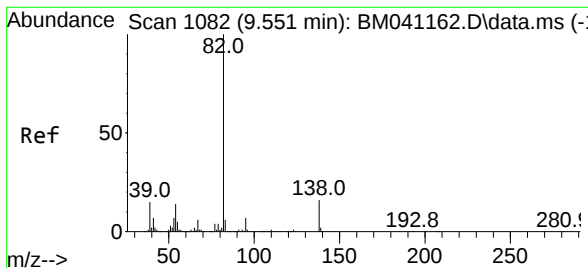
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#24  
Nitrobenzene  
Concen: 35.889 ng  
RT: 9.010 min Scan# 990  
Delta R.T. 0.006 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

Tgt Ion: 77 Resp: 429799  
Ion Ratio Lower Upper  
77 100  
123 43.5 34.2 51.2  
65 13.3 10.7 16.1





#25

Isophorone

Concen: 36.869 ng

RT: 9.534 min Scan# 1107

Delta R.T. 0.006 min

Lab File: BM041307.D

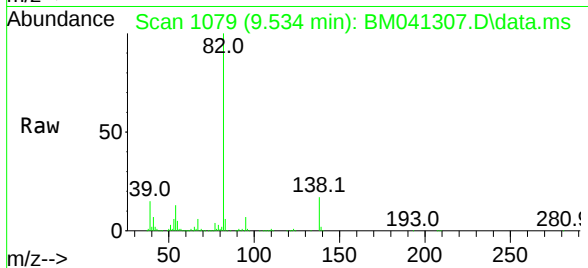
Acq: 07 Aug 2023 11:47

Instrument :

BNA\_M

ClientSampleId :

PB154558BS



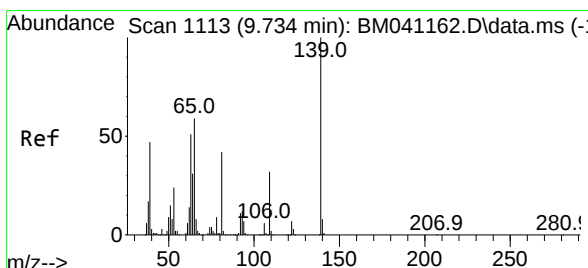
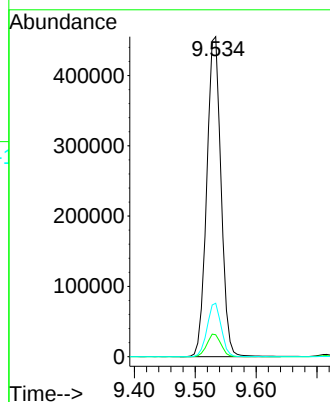
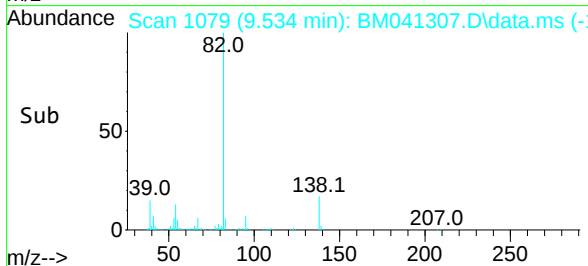
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 741150 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 95       | 6.9   | 5.3   | 7.9    |
| 138      | 16.7  | 12.8  | 19.2   |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2023

Supervised By :mohammad ahmed 08/08/2023



#26

2-Nitrophenol

Concen: 41.833 ng

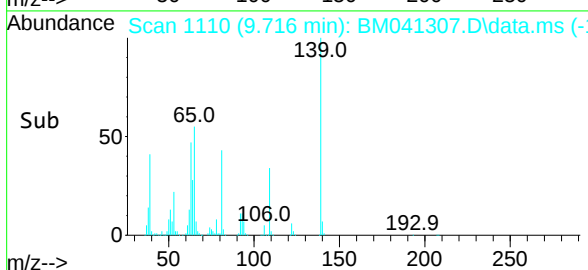
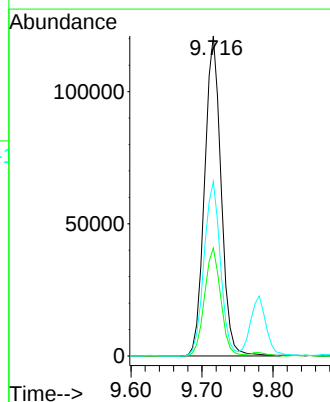
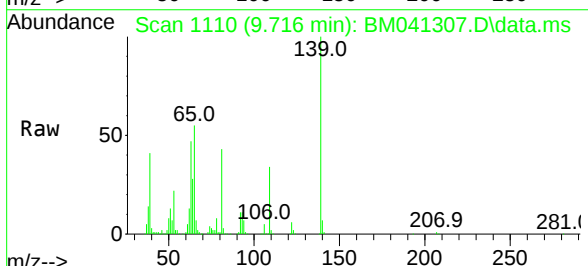
RT: 9.716 min Scan# 1110

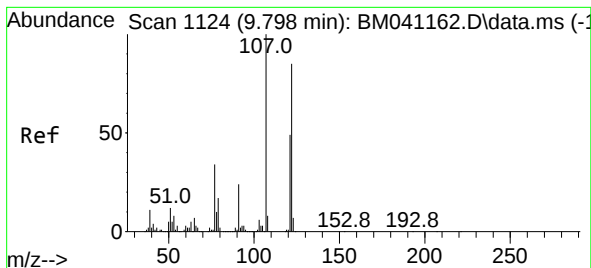
Delta R.T. 0.000 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

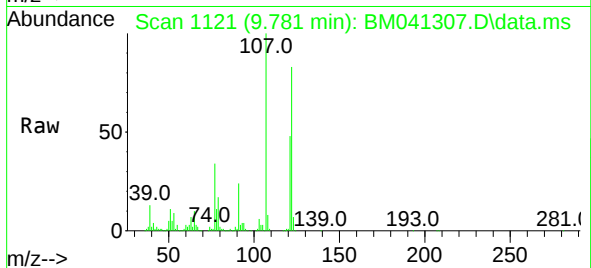
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 139   | Resp: | 195846 |
| Ion      | Ratio | Lower | Upper  |
| 139      | 100   |       |        |
| 109      | 33.7  | 25.4  | 38.2   |
| 65       | 54.5  | 47.2  | 70.8   |





#27  
2,4-Dimethylphenol  
Concen: 35.195 ng  
RT: 9.781 min Scan# 1124  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

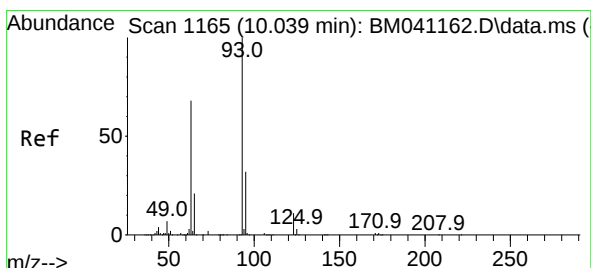
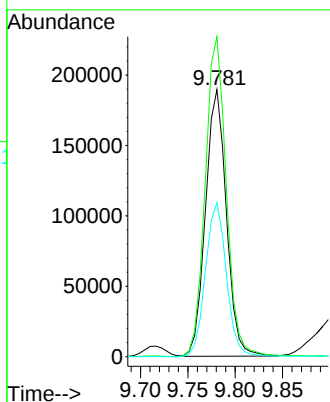
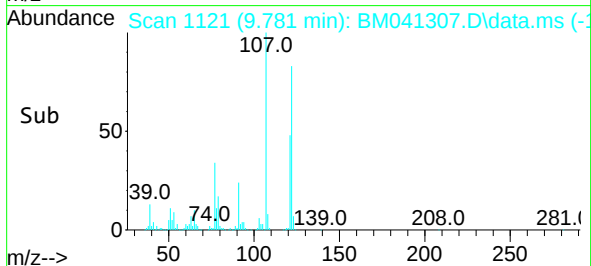
Instrument :  
BNA\_M  
ClientSampleId :  
PB154558BS



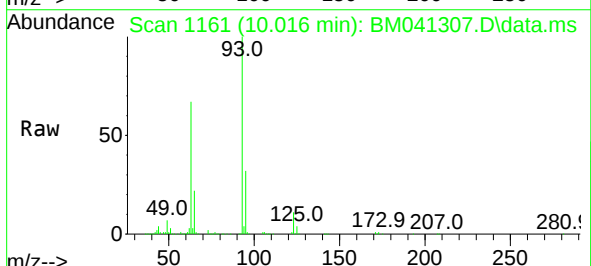
Tgt Ion:122 Resp: 28994  
Ion Ratio Lower Upper  
122 100  
107 119.8 94.3 141.5  
121 57.7 45.8 68.8

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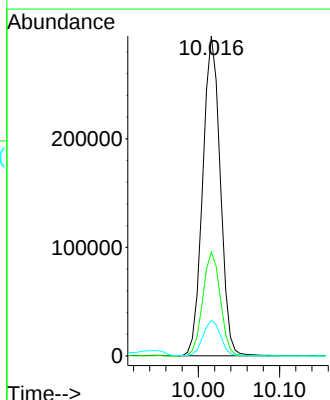
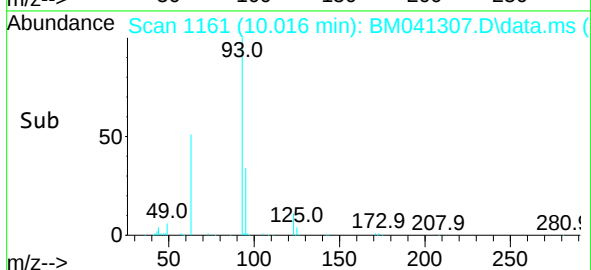
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

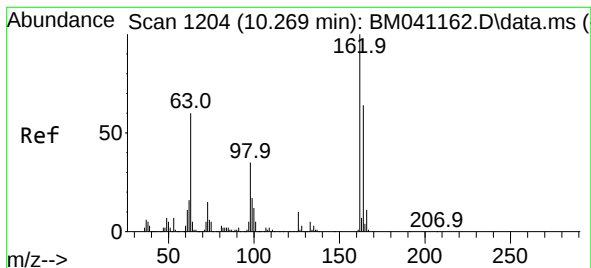


#28  
bis(2-Chloroethoxy)methane  
Concen: 35.067 ng  
RT: 10.016 min Scan# 1161  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47



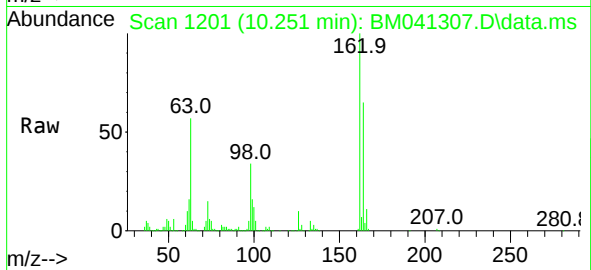
Tgt Ion: 93 Resp: 441573  
Ion Ratio Lower Upper  
93 100  
95 32.4 25.9 38.9  
123 11.1 9.1 13.7





#29  
2,4-Dichlorophenol  
Concen: 39.422 ng  
RT: 10.251 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

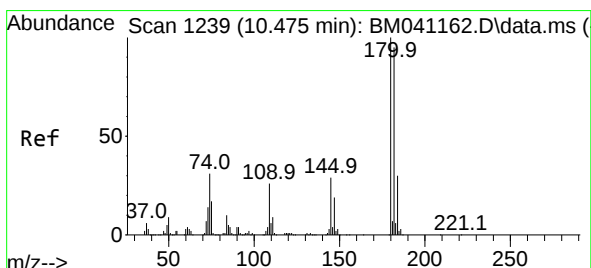
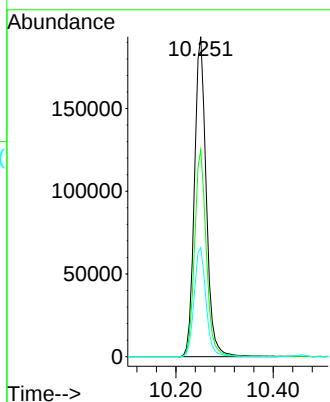
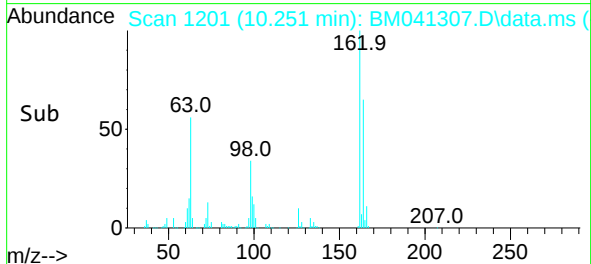
Instrument :  
BNA\_M  
ClientSampleId :  
PB154558BS



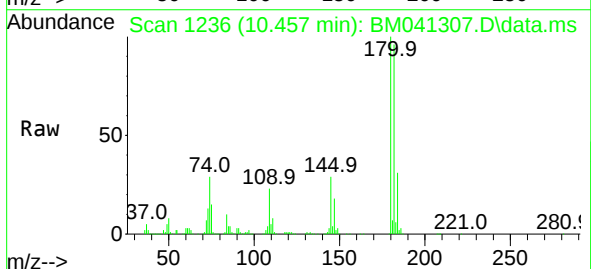
Tgt Ion:162 Resp: 327502  
Ion Ratio Lower Upper  
162 100  
164 64.7 44.3 84.3  
98 34.0 15.1 55.1

Manual Integrations  
APPROVED

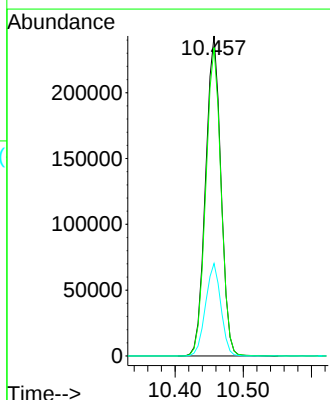
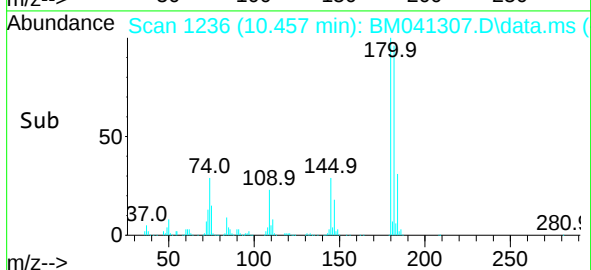
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

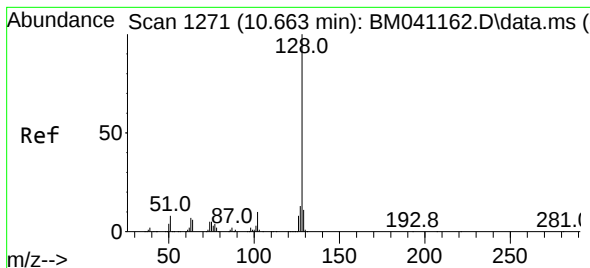


#30  
1,2,4-Trichlorobenzene  
Concen: 41.470 ng  
RT: 10.457 min Scan# 1236  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47



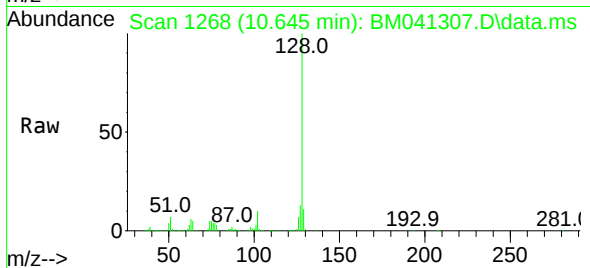
Tgt Ion:180 Resp: 380638  
Ion Ratio Lower Upper  
180 100  
182 96.4 75.9 113.9  
145 28.9 23.6 35.4





#31  
Naphthalene  
Concen: 36.238 ng  
RT: 10.645 min Scan# 1149  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

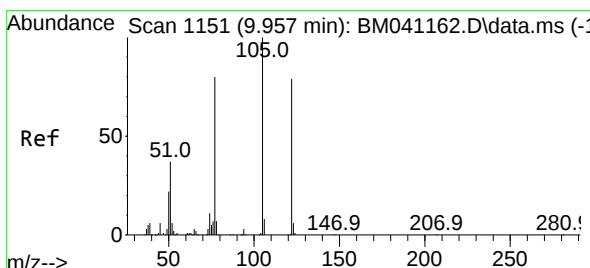
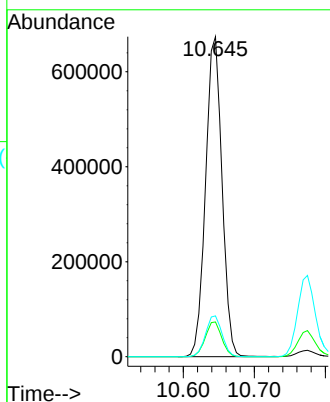
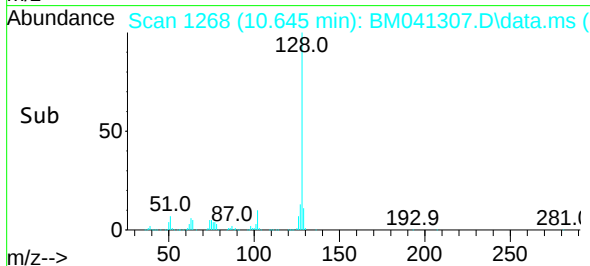
Instrument :  
BNA\_M  
ClientSampleId :  
PB154558BS



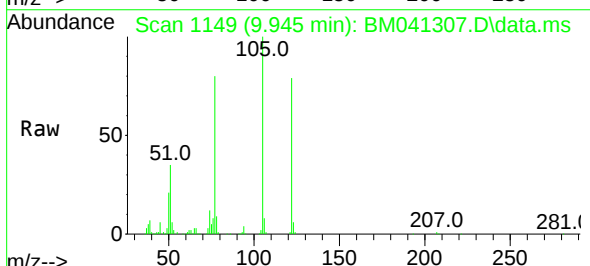
Tgt Ion:128 Resp: 108296  
Ion Ratio Lower Upper  
128 100  
129 10.9 9.0 13.4  
127 12.8 10.5 15.7

Manual Integrations  
APPROVED

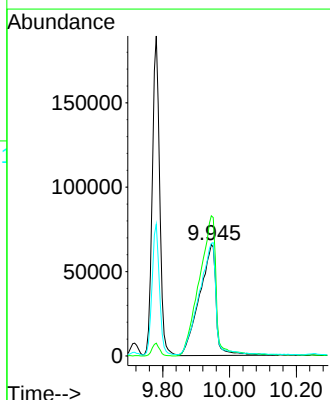
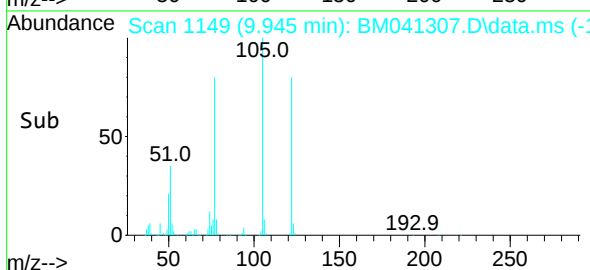
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

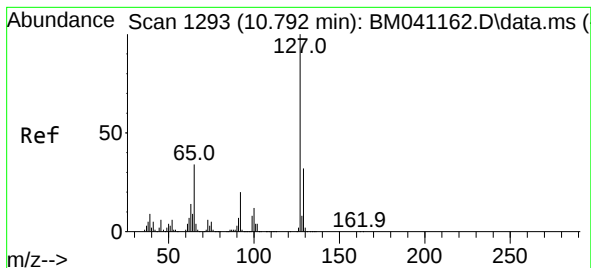


#32  
Benzoic acid  
Concen: 38.604 ng  
RT: 9.945 min Scan# 1149  
Delta R.T. -0.012 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47



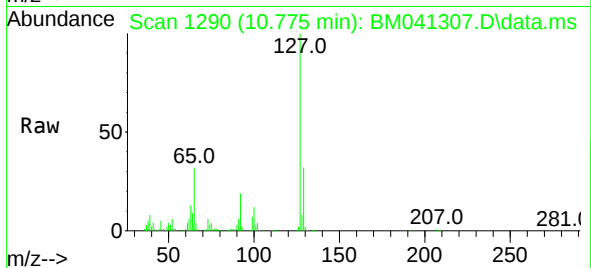
Tgt Ion:122 Resp: 228670  
Ion Ratio Lower Upper  
122 100  
105 125.9 104.0 144.0  
77 101.2 79.9 119.9





#33  
4-Chloroaniline  
Concen: 25.758 ng  
RT: 10.775 min Scan# 1290  
Delta R.T. 0.006 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

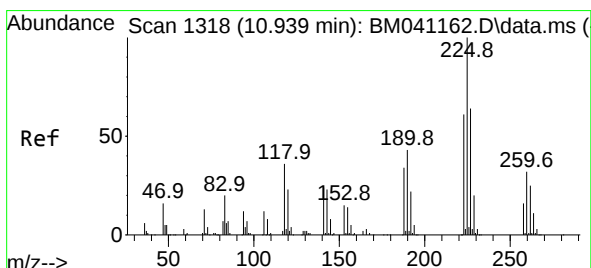
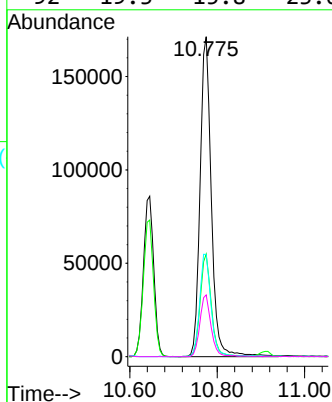
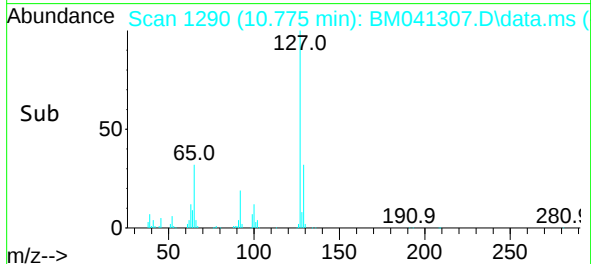
Instrument :  
BNA\_M  
ClientSampleId :  
PB154558BS



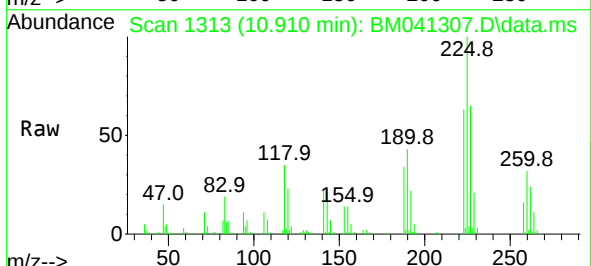
Tgt Ion:127 Resp: 307620  
Ion Ratio Lower Upper  
127 100  
129 32.0 25.9 38.9  
65 32.0 26.9 40.3  
92 19.3 15.8 23.6

Manual Integrations  
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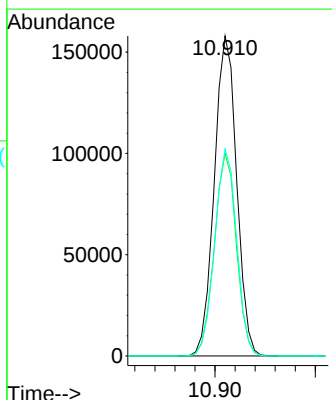
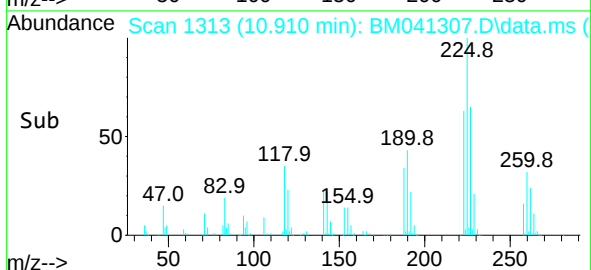
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

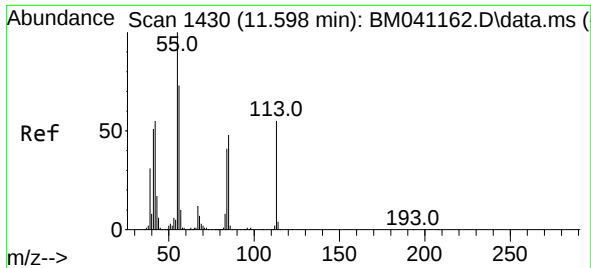


#34  
Hexachlorobutadiene  
Concen: 44.133 ng  
RT: 10.910 min Scan# 1313  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47



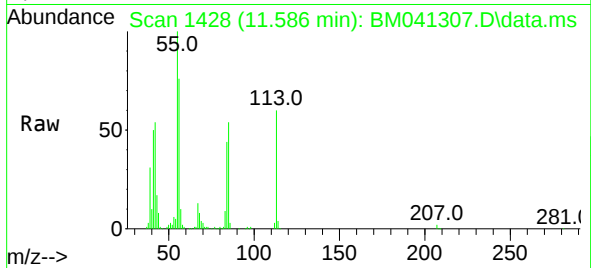
Tgt Ion:225 Resp: 243627  
Ion Ratio Lower Upper  
225 100  
223 63.3 49.0 73.4  
227 64.7 50.8 76.2





#35  
Caprolactam  
Concen: 36.497 ng  
RT: 11.586 min Scan# 1430  
Delta R.T. -0.006 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

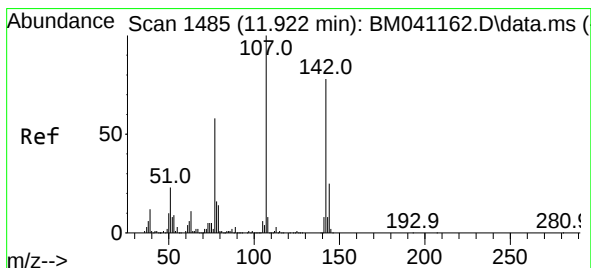
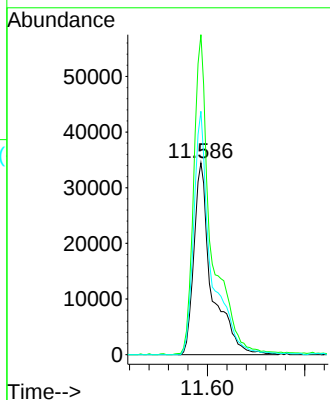
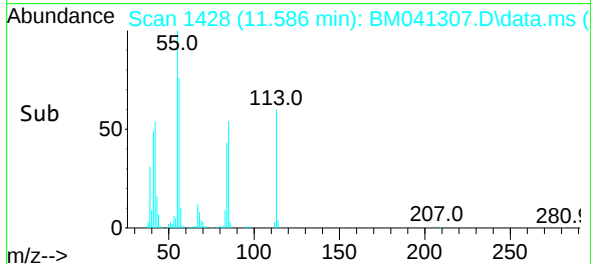
Instrument :  
BNA\_M  
ClientSampleId :  
PB154558BS



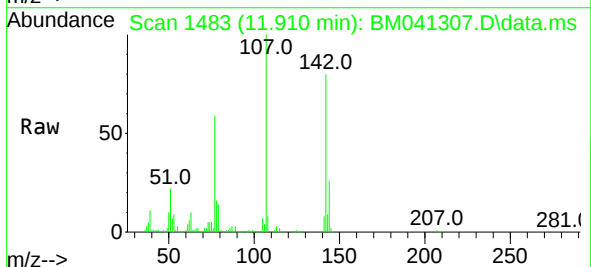
Tgt Ion:113 Resp: 87712  
Ion Ratio Lower Upper  
113 100  
55 166.7 162.5 202.5  
56 126.8 114.1 154.1

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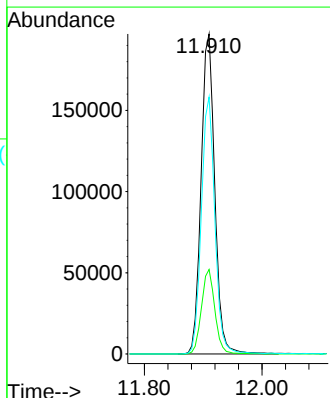
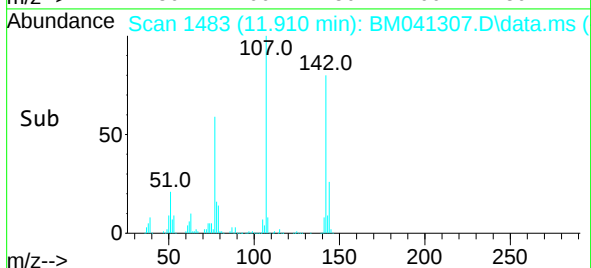
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

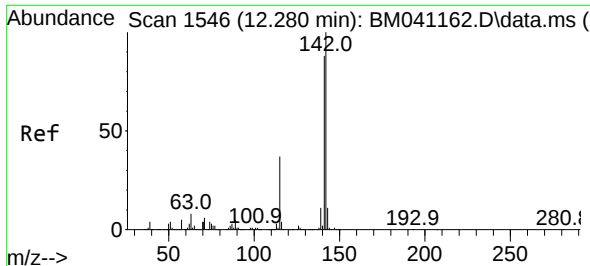


#36  
4-Chloro-3-methylphenol  
Concen: 36.399 ng  
RT: 11.910 min Scan# 1483  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47



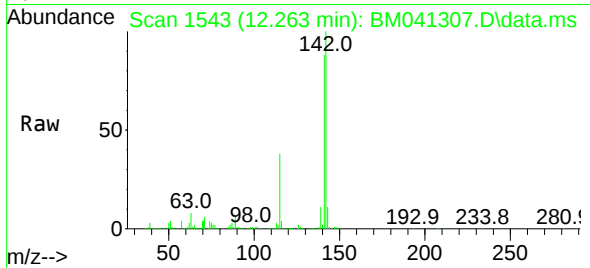
Tgt Ion:107 Resp: 318277  
Ion Ratio Lower Upper  
107 100  
144 26.4 20.1 30.1  
142 80.3 62.2 93.4





#37  
2-Methylnaphthalene  
Concen: 34.990 ng  
RT: 12.263 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

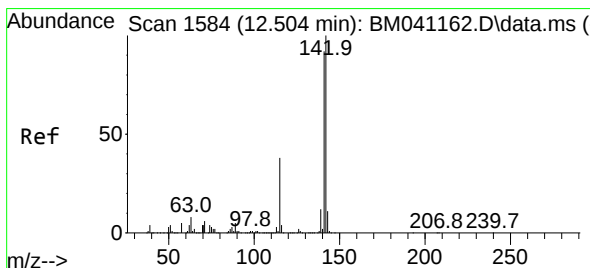
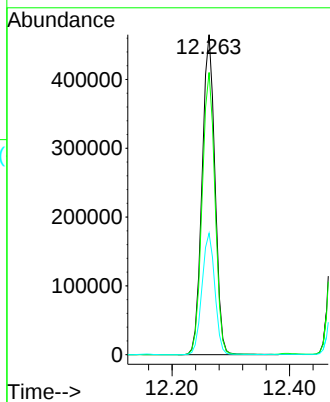
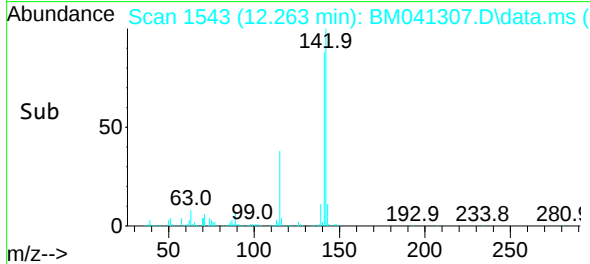
Instrument :  
BNA\_M  
ClientSampleId :  
PB154558BS



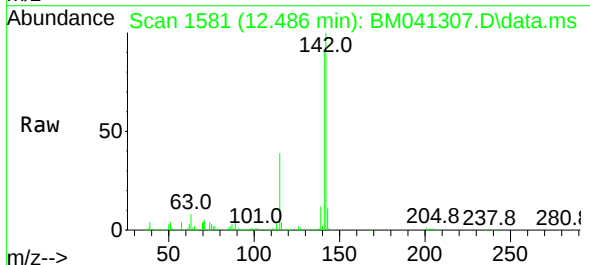
Tgt Ion:142 Resp: 704960  
Ion Ratio Lower Upper  
142 100  
141 88.2 70.7 106.1  
115 38.0 29.3 43.9

Manual Integrations  
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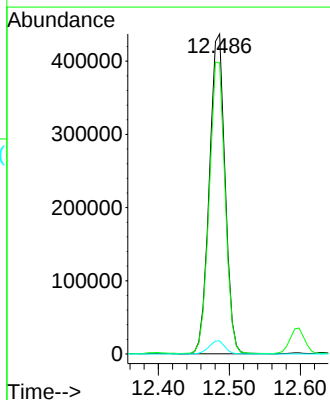
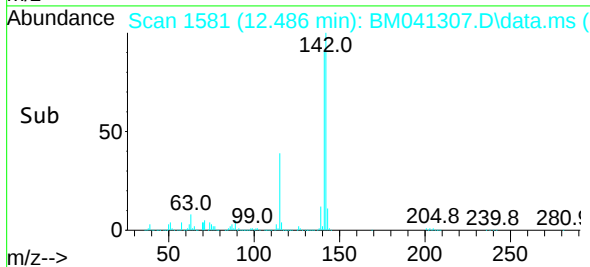
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

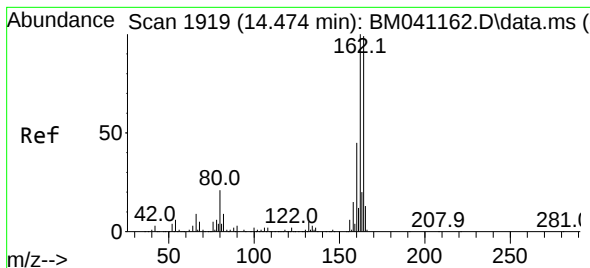


#38  
1-Methylnaphthalene  
Concen: 35.517 ng  
RT: 12.486 min Scan# 1581  
Delta R.T. 0.006 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47



Tgt Ion:142 Resp: 669747  
Ion Ratio Lower Upper  
142 100  
141 91.0 73.4 110.2  
116 4.1 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.451 min Scan# 1915

Delta R.T. 0.000 min

Lab File: BM041307.D

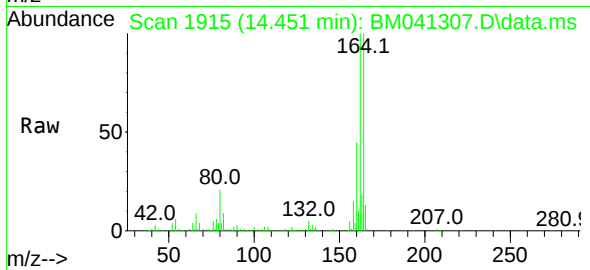
Acq: 07 Aug 2023 11:47

Instrument :

BNA\_M

ClientSampleId :

PB154558BS



Tgt Ion:164 Resp: 302572

Ion Ratio Lower Upper

164 100

162 100.3 80.4 120.6

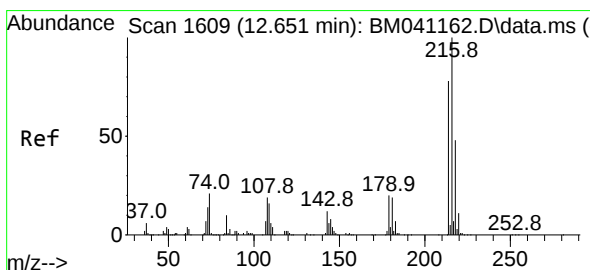
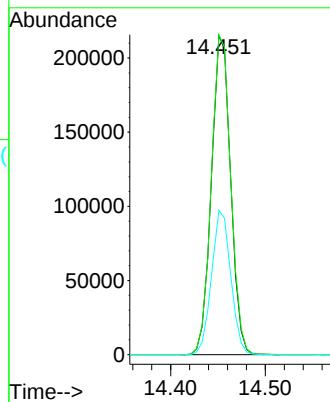
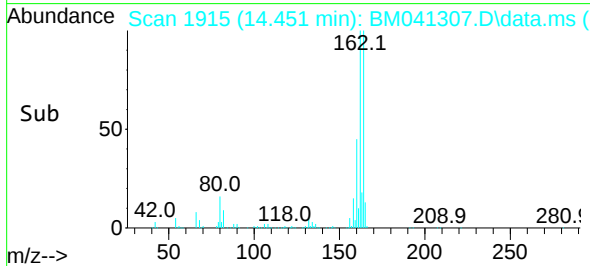
160 45.3 36.2 54.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2023

Supervised By :mohammad ahmed 08/08/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.306 ng

RT: 12.633 min Scan# 1606

Delta R.T. 0.000 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

Tgt Ion:216 Resp: 395999

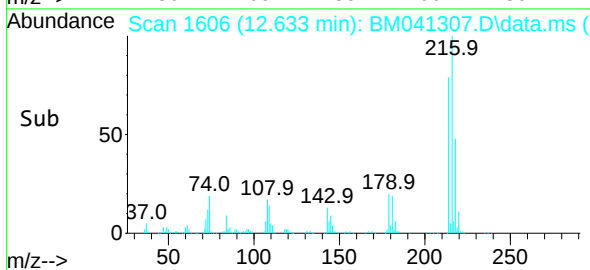
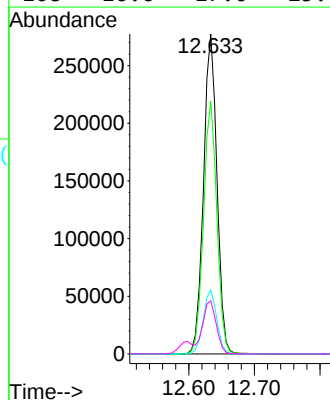
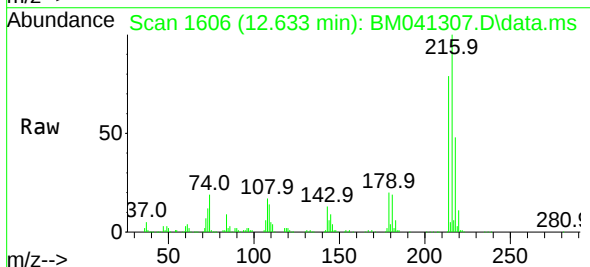
Ion Ratio Lower Upper

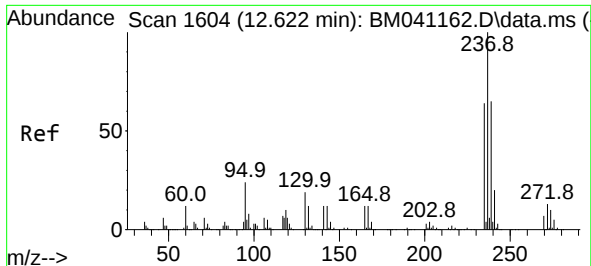
216 100

214 78.5 63.2 94.8

179 20.1 16.2 24.2

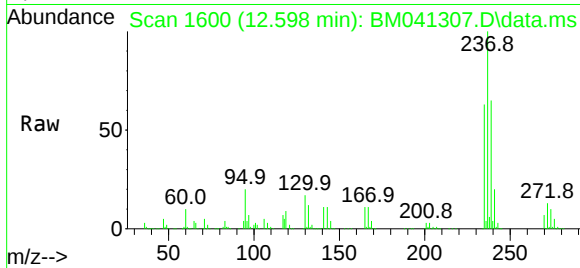
108 16.6 17.0 25.4#





#41  
Hexachlorocyclopentadiene  
Concen: 87.766 ng  
RT: 12.598 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

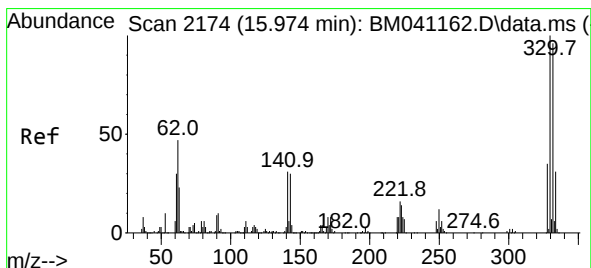
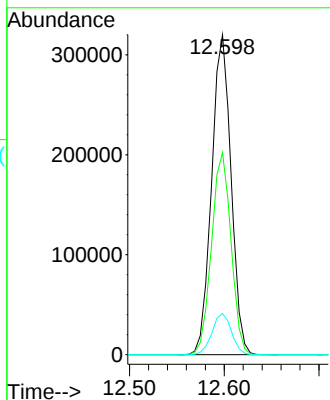
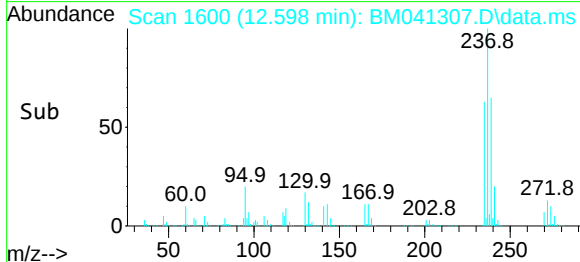
Instrument :  
BNA\_M  
ClientSampleId :  
PB154558BS



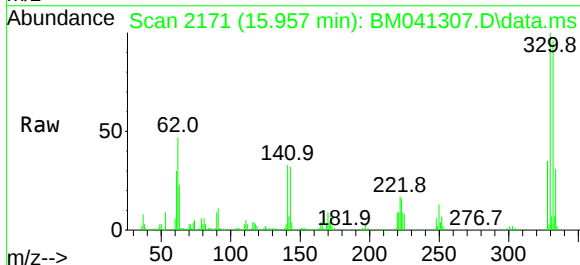
Tgt Ion:237 Resp: 456193  
Ion Ratio Lower Upper  
237 100  
235 63.2 43.6 83.6  
272 12.9 0.0 33.3

Manual Integrations  
APPROVED

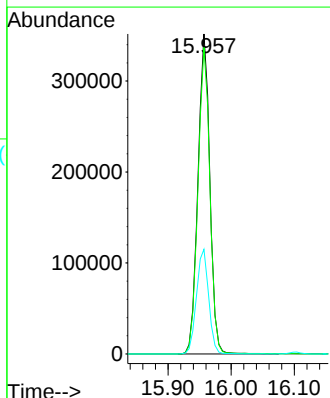
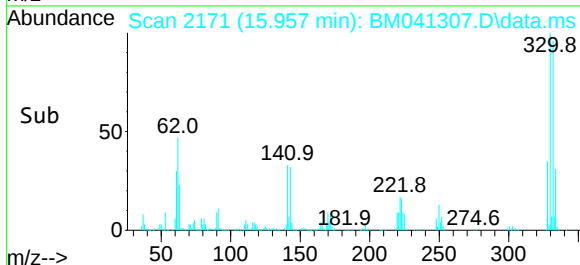
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

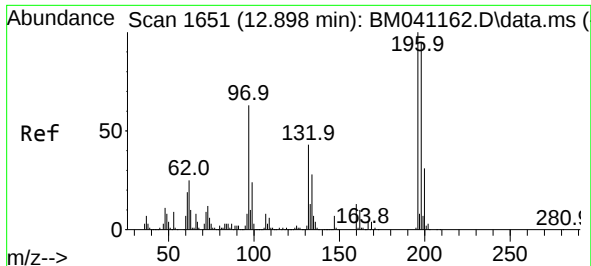


#42  
2,4,6-Tribromophenol  
Concen: 107.778 ng  
RT: 15.957 min Scan# 2171  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47



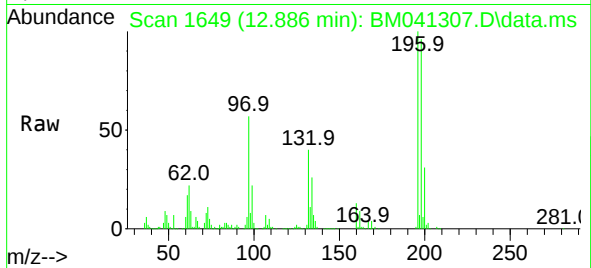
Tgt Ion:330 Resp: 461260  
Ion Ratio Lower Upper  
330 100  
332 95.9 77.7 116.5  
141 33.5 28.3 42.5





#43  
2,4,6-Trichlorophenol  
Concen: 40.215 ng  
RT: 12.886 min Scan# 1649  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

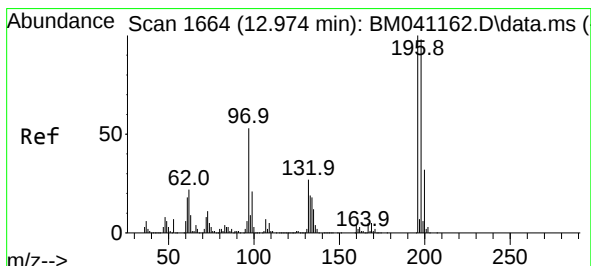
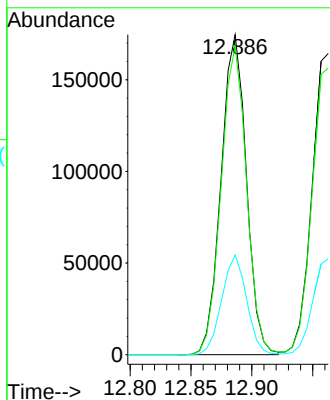
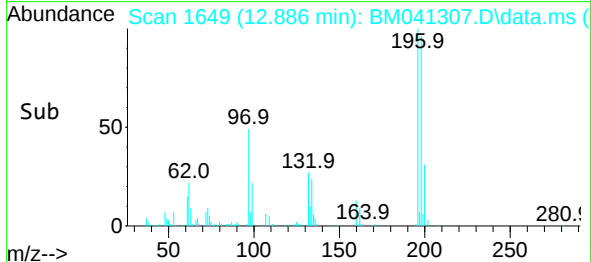
Instrument :  
BNA\_M  
ClientSampleId :  
PB154558BS



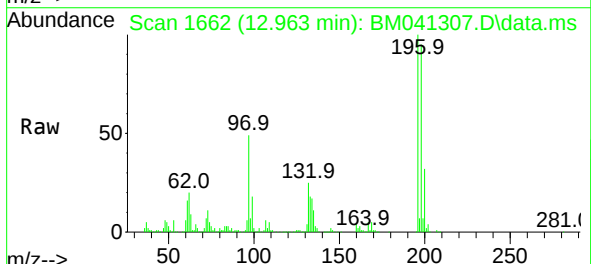
Tgt Ion:196 Resp: 253238  
Ion Ratio Lower Upper  
196 100  
198 96.5 76.2 114.4  
200 31.2 24.6 36.8

Manual Integrations  
APPROVED

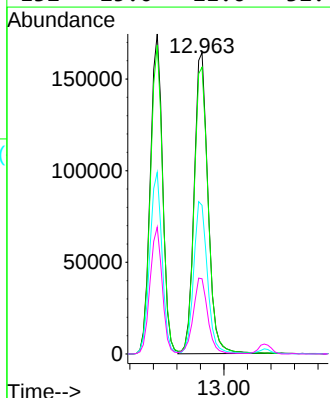
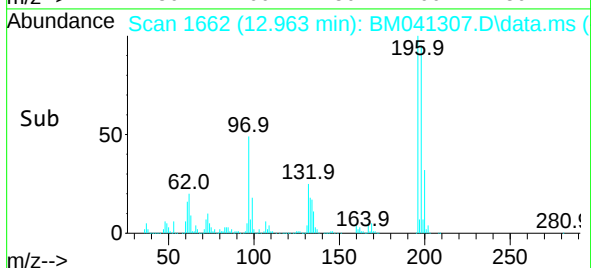
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

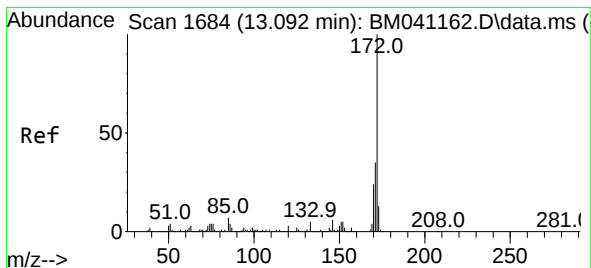


#44  
2,4,5-Trichlorophenol  
Concen: 36.835 ng  
RT: 12.963 min Scan# 1662  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47



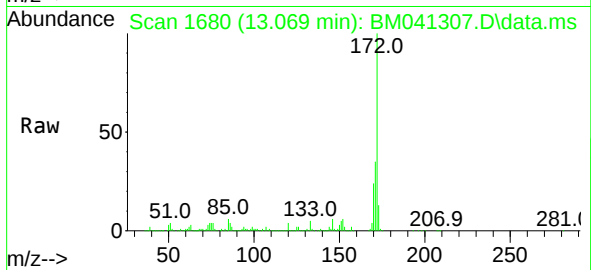
Tgt Ion:196 Resp: 268470  
Ion Ratio Lower Upper  
196 100  
198 95.2 78.2 117.4  
97 49.3 42.7 64.1  
132 25.0 21.6 32.4





#45  
2-Fluorobiphenyl  
Concen: 69.774 ng  
RT: 13.069 min Scan# 1684  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

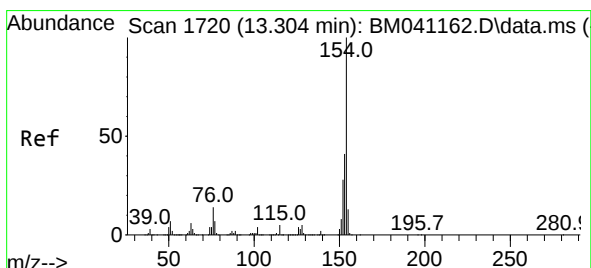
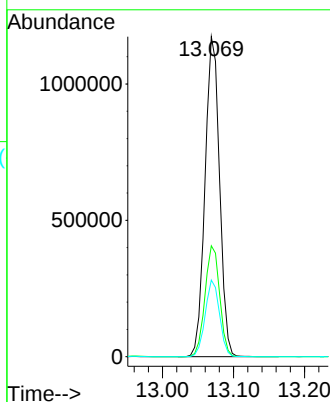
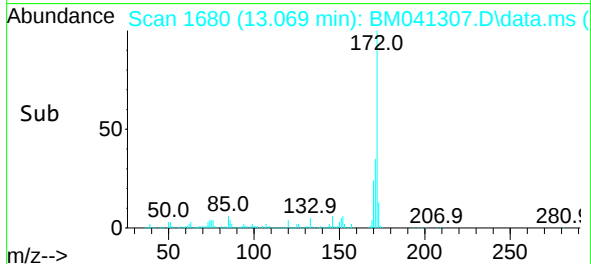
Instrument :  
BNA\_M  
ClientSampleId :  
PB154558BS



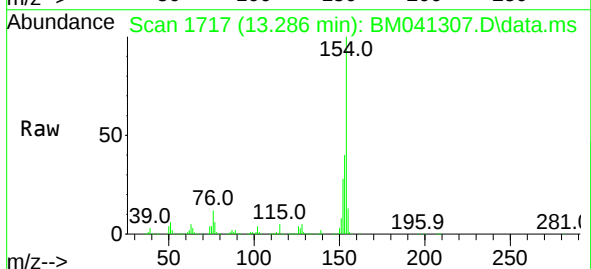
Tgt Ion:172 Resp: 167122  
Ion Ratio Lower Upper  
172 100  
171 34.7 28.1 42.1  
170 24.0 18.9 28.3

Manual Integrations  
APPROVED

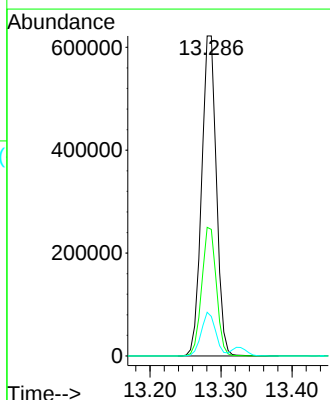
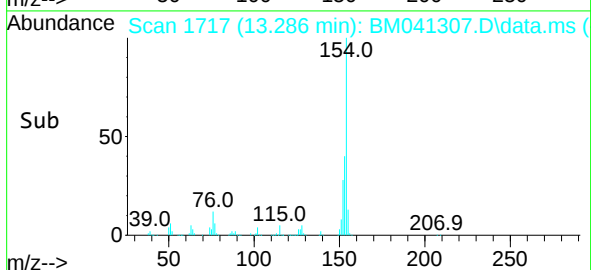
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

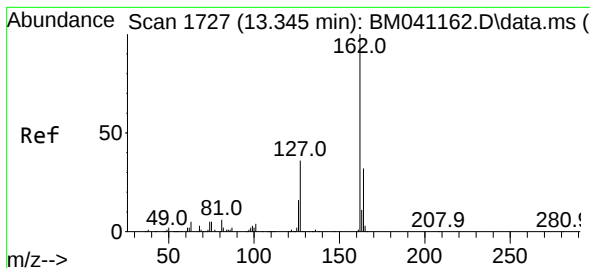


#46  
1,1'-Biphenyl  
Concen: 36.716 ng  
RT: 13.286 min Scan# 1717  
Delta R.T. 0.006 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47



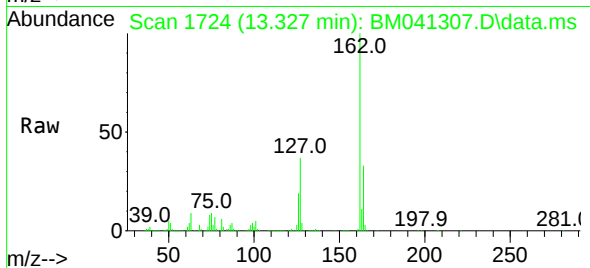
Tgt Ion:154 Resp: 900601  
Ion Ratio Lower Upper  
154 100  
153 39.6 20.5 60.5  
76 12.3 0.0 34.1





#47  
2-Chloronaphthalene  
Concen: 38.806 ng  
RT: 13.327 min Scan# 1724  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

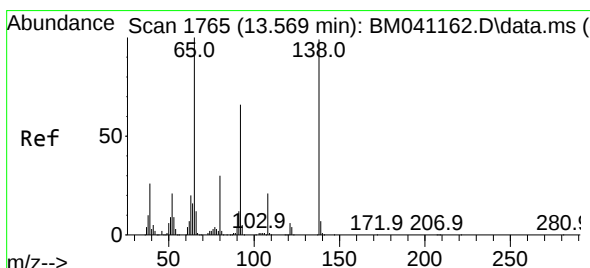
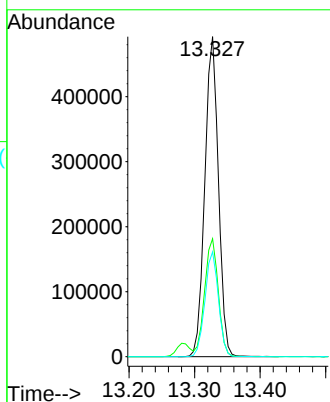
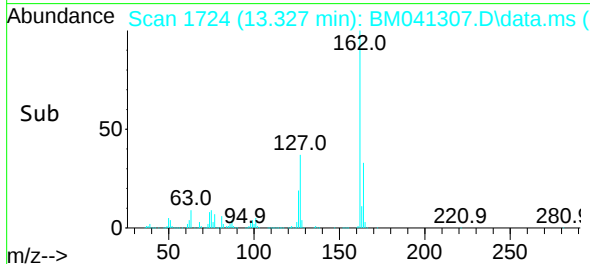
Instrument :  
BNA\_M  
ClientSampleId :  
PB154558BS



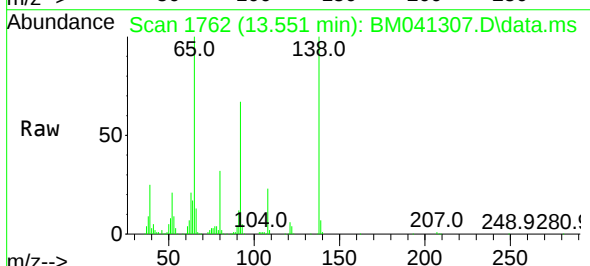
Tgt Ion:162 Resp: 710748  
Ion Ratio Lower Upper  
162 100  
127 36.9 30.6 45.8  
164 32.8 25.6 38.4

Manual Integrations  
APPROVED

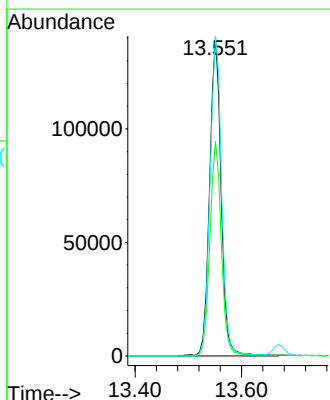
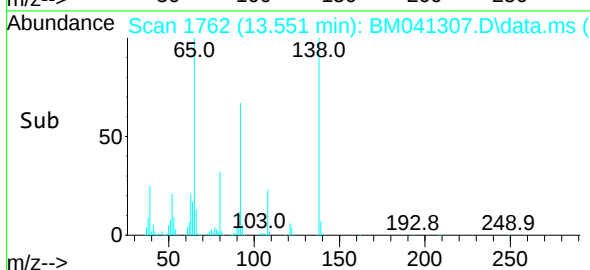
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

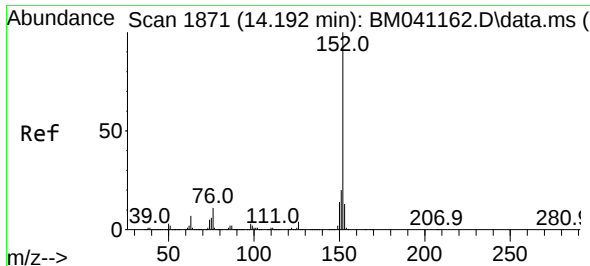


#48  
2-Nitroaniline  
Concen: 36.100 ng  
RT: 13.551 min Scan# 1762  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47



Tgt Ion: 65 Resp: 211051  
Ion Ratio Lower Upper  
65 100  
92 67.2 53.0 79.4  
138 100.1 79.1 118.7





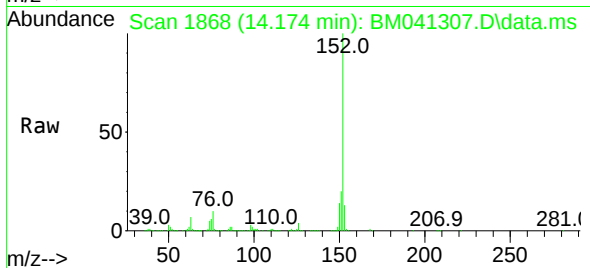
#49  
Acenaphthylene  
Concen: 37.216 ng  
RT: 14.174 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

Instrument :

BNA\_M

ClientSampleId :

PB154558BS



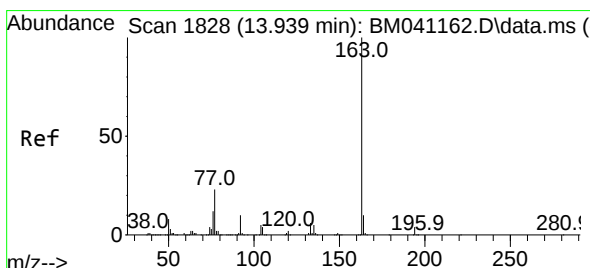
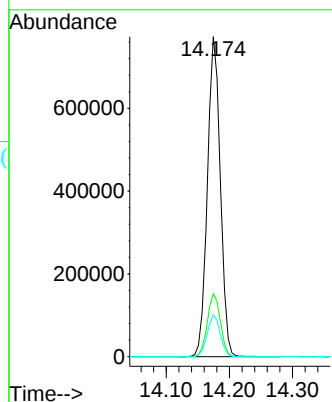
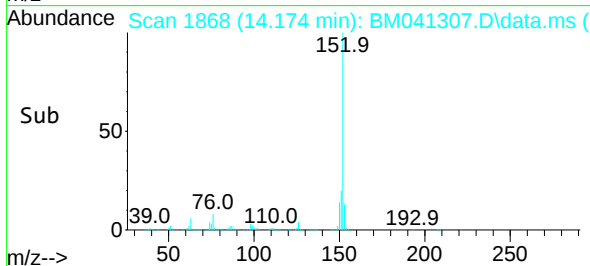
Tgt Ion:152 Resp: 110018  
Ion Ratio Lower Upper  
152 100  
151 19.7 16.1 24.1  
153 13.1 10.5 15.7

Manual Integrations

APPROVED

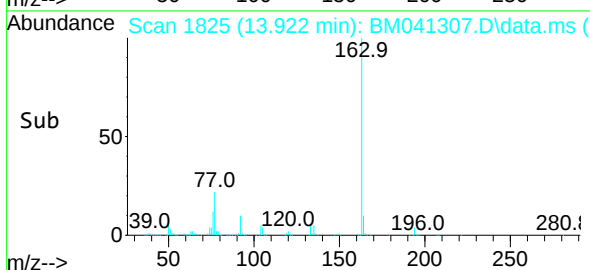
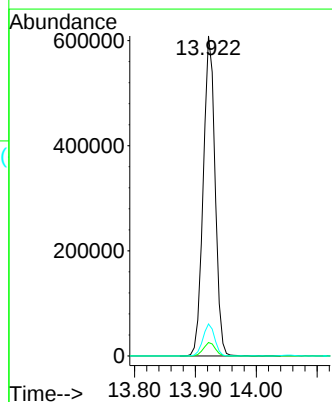
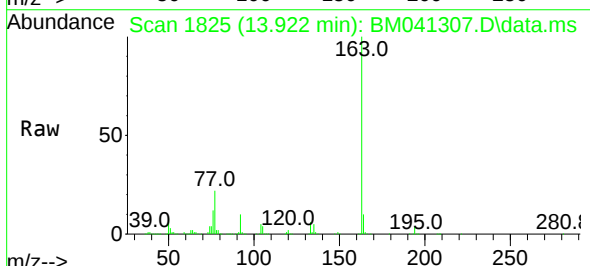
Reviewed By :Yogesh Patel 08/08/2023

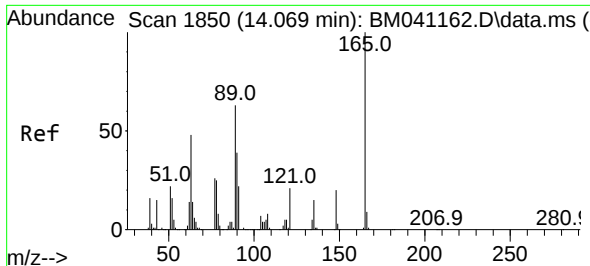
Supervised By :mohammad ahmed 08/08/2023



#50  
Dimethylphthalate  
Concen: 36.009 ng  
RT: 13.922 min Scan# 1825  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

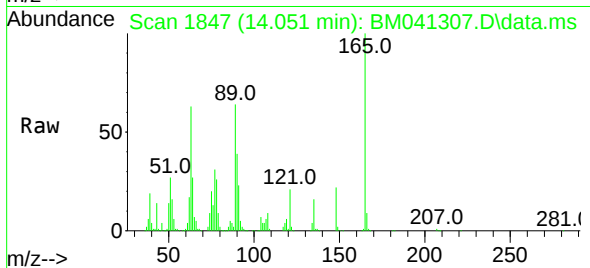
Tgt Ion:163 Resp: 819568  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.3 4.9  
164 10.0 8.3 12.5





#51  
2,6-Dinitrotoluene  
Concen: 37.869 ng  
RT: 14.051 min Scan# 1850  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

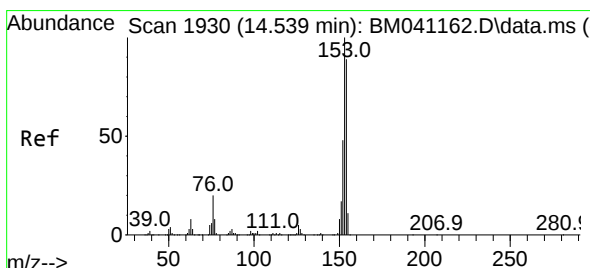
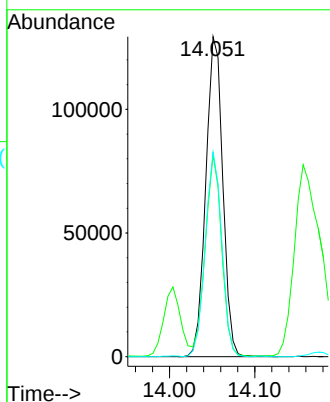
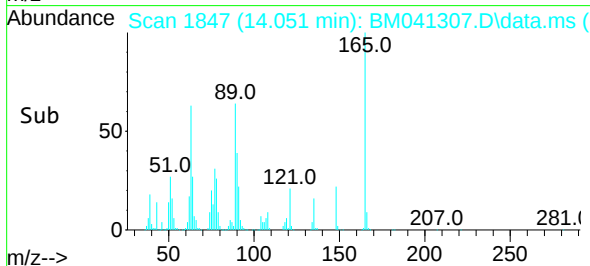
Instrument :  
BNA\_M  
ClientSampleId :  
PB154558BS



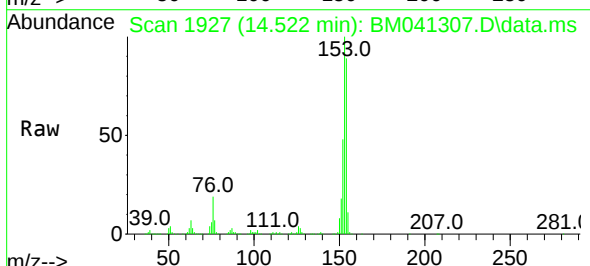
Tgt Ion:165 Resp: 17858  
Ion Ratio Lower Upper  
165 100  
63 63.2 50.9 76.3  
89 63.9 50.6 76.0

Manual Integrations  
APPROVED

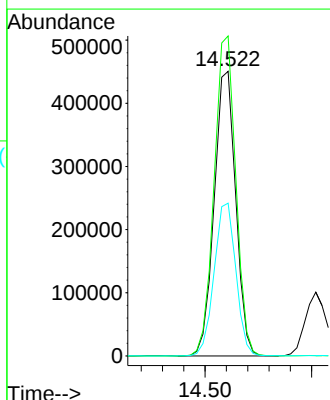
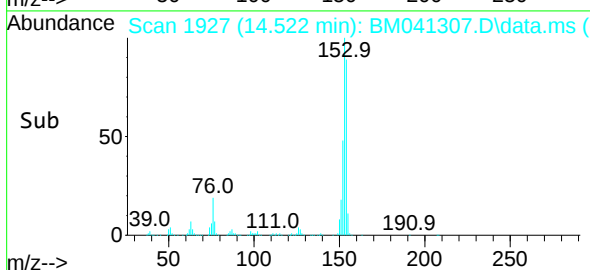
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

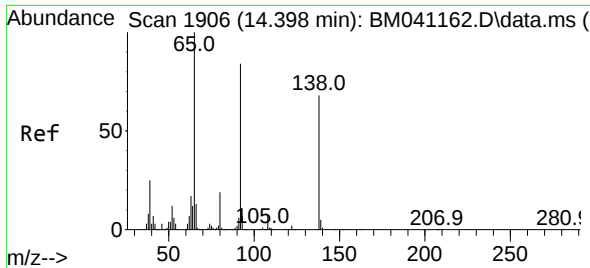


#52  
Acenaphthene  
Concen: 35.462 ng  
RT: 14.522 min Scan# 1927  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47



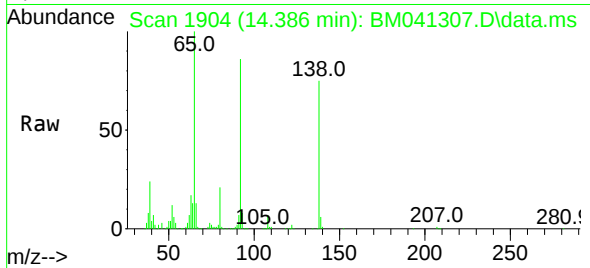
Tgt Ion:154 Resp: 631541  
Ion Ratio Lower Upper  
154 100  
153 112.4 90.2 135.4  
152 53.7 43.4 65.0





#53  
3-Nitroaniline  
Concen: 28.564 ng  
RT: 14.386 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

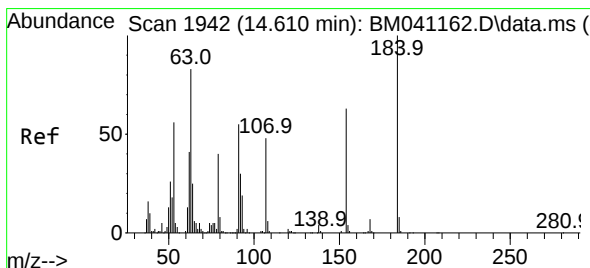
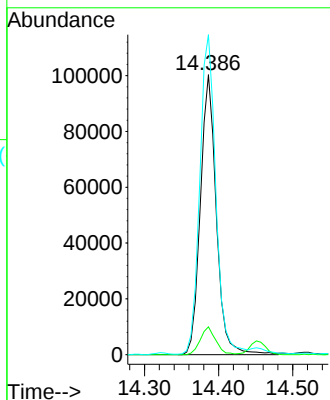
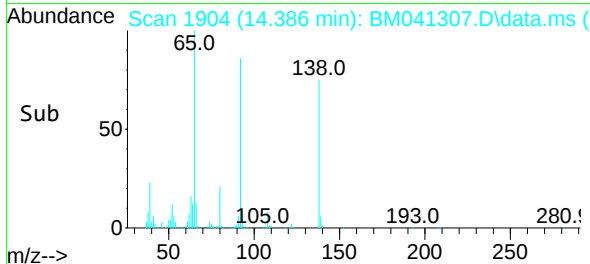
Instrument :  
BNA\_M  
ClientSampleId :  
PB154558BS



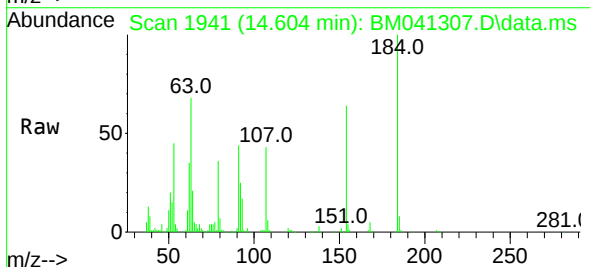
Tgt Ion:138 Resp: 149860  
Ion Ratio Lower Upper  
138 100  
108 10.0 7.6 11.4  
92 114.3 98.9 148.3

Manual Integrations  
APPROVED

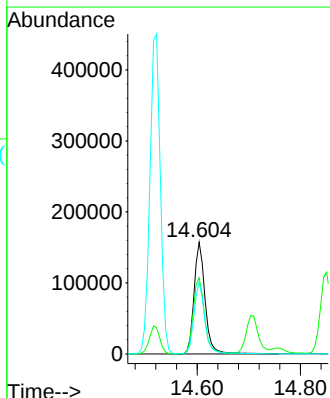
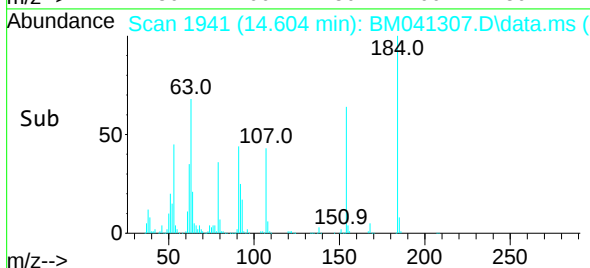
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

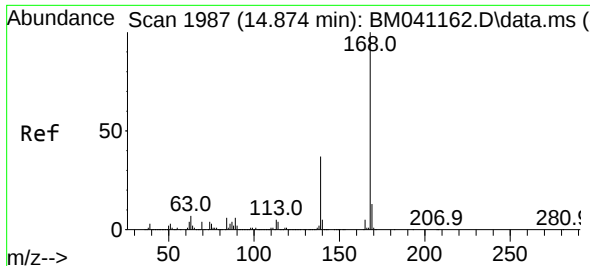


#54  
2,4-Dinitrophenol  
Concen: 73.922 ng  
RT: 14.604 min Scan# 1941  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47



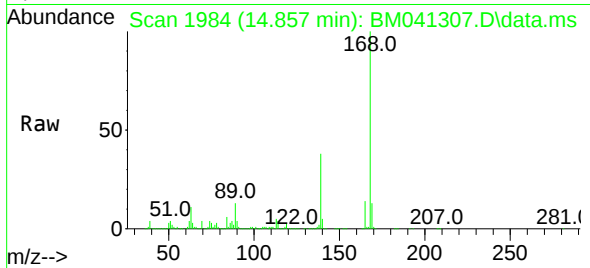
Tgt Ion:184 Resp: 233890  
Ion Ratio Lower Upper  
184 100  
63 68.2 66.5 99.7  
154 64.3 52.8 79.2





#55  
Dibenzenofuran  
Concen: 35.398 ng  
RT: 14.857 min Scan# 1984  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

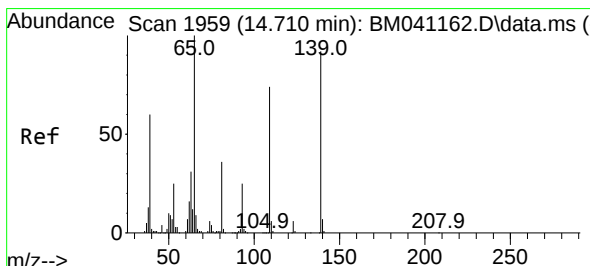
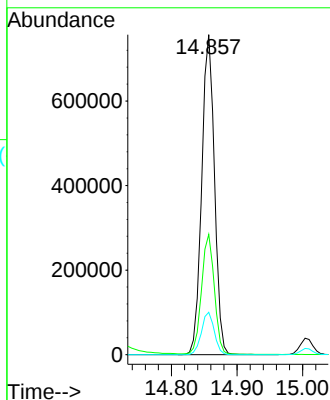
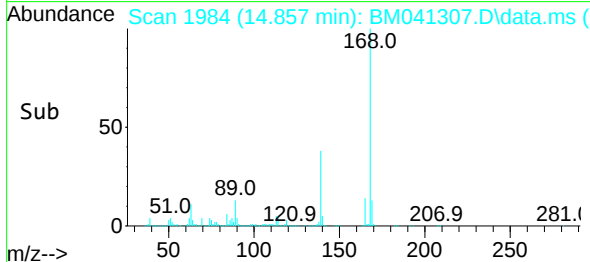
Instrument :  
BNA\_M  
ClientSampleId :  
PB154558BS



Tgt Ion:168 Resp: 102852  
Ion Ratio Lower Upper  
168 100  
139 37.6 29.8 44.6  
169 13.3 10.5 15.7

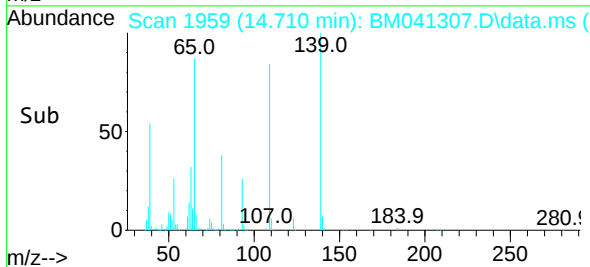
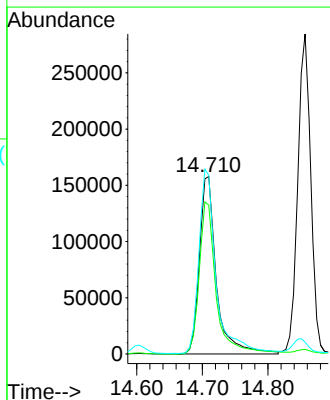
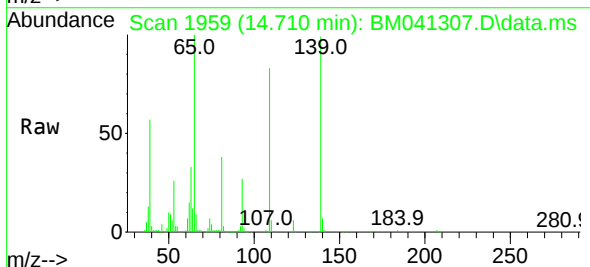
Manual Integrations  
APPROVED

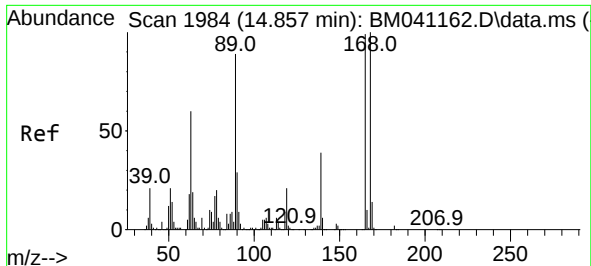
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#56  
4-Nitrophenol  
Concen: 72.746 ng  
RT: 14.710 min Scan# 1959  
Delta R.T. 0.006 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

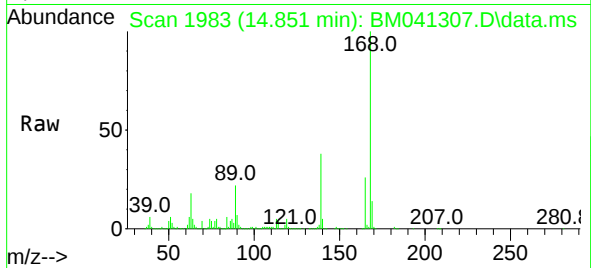
Tgt Ion:139 Resp: 285916  
Ion Ratio Lower Upper  
139 100  
109 83.9 61.2 101.2  
65 100.8 89.5 129.5





#57  
2,4-Dinitrotoluene  
Concen: 36.188 ng  
RT: 14.851 min Scan# 1984  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

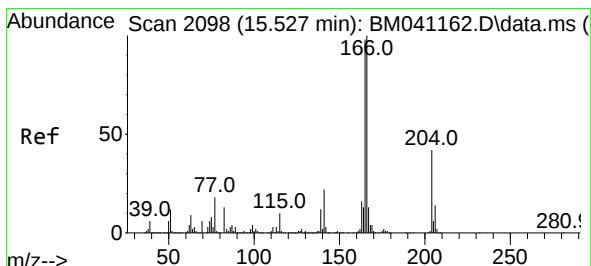
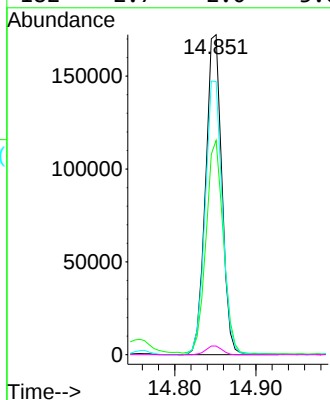
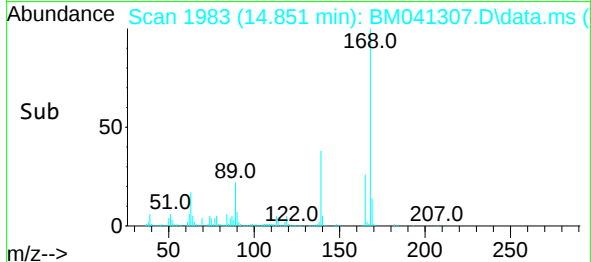
Instrument :  
BNA\_M  
ClientSampleId :  
PB154558BS



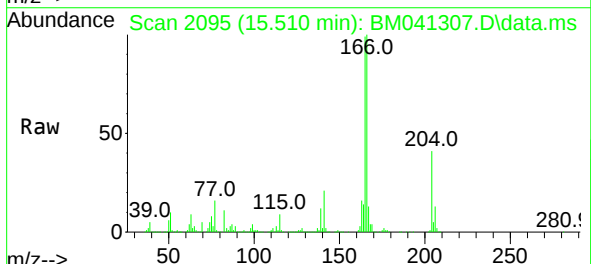
Tgt Ion:165 Resp: 23902  
Ion Ratio Lower Upper  
165 100  
63 66.9 48.3 72.5  
89 85.4 71.8 107.8  
182 2.7 2.0 3.0

Manual Integrations  
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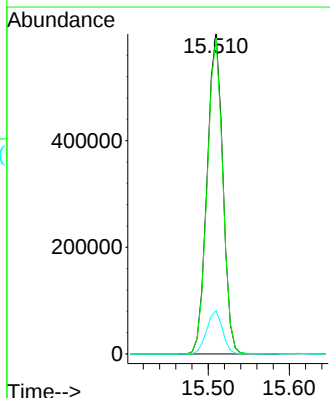
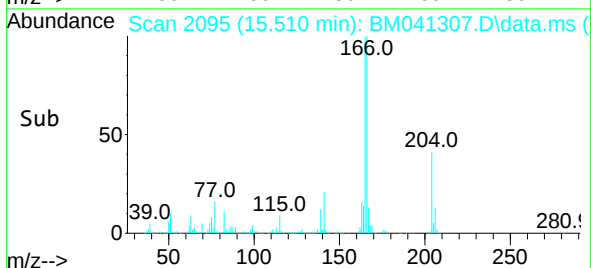
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

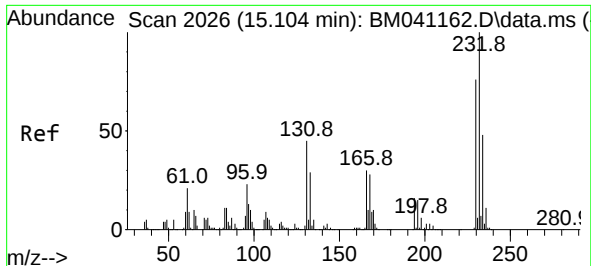


#58  
Fluorene  
Concen: 35.166 ng  
RT: 15.510 min Scan# 2095  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47



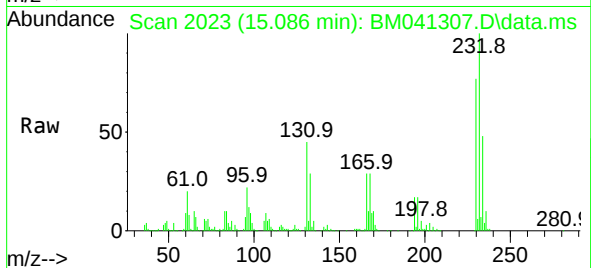
Tgt Ion:166 Resp: 806092  
Ion Ratio Lower Upper  
166 100  
165 98.7 78.2 117.4  
167 13.4 10.6 16.0





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.155 ng  
RT: 15.086 min Scan# 2026  
Delta R.T. -0.006 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

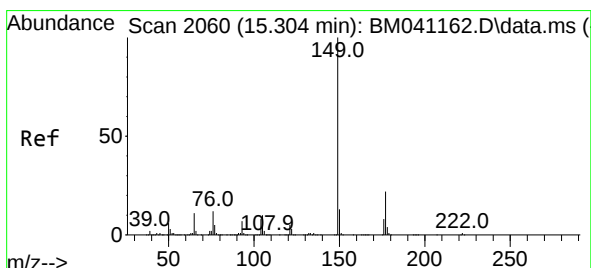
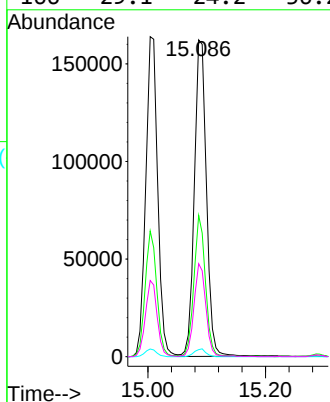
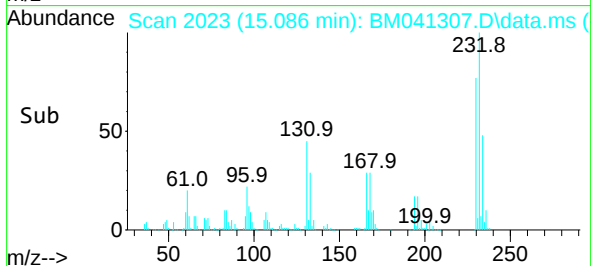
Instrument :  
BNA\_M  
ClientSampleId :  
PB154558BS



Tgt Ion:232 Resp: 231090  
Ion Ratio Lower Upper  
232 100  
131 42.3 36.9 55.3  
130 2.4 2.0 3.0  
166 29.1 24.2 36.2

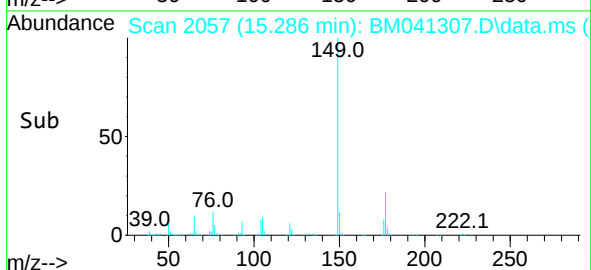
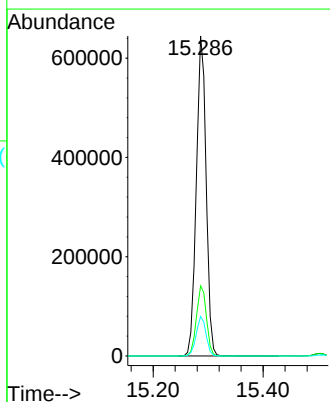
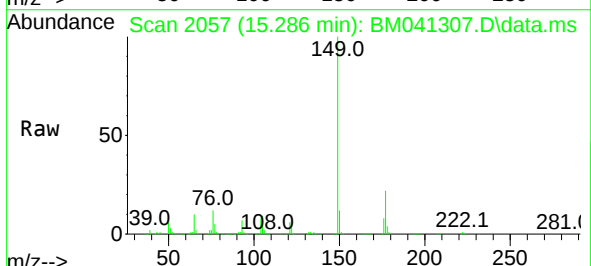
Manual Integrations  
APPROVED

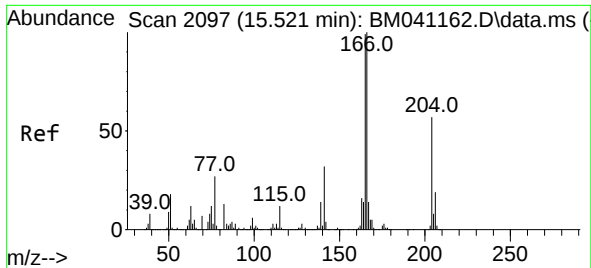
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#60  
Diethylphthalate  
Concen: 36.346 ng  
RT: 15.286 min Scan# 2057  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

Tgt Ion:149 Resp: 799986  
Ion Ratio Lower Upper  
149 100  
177 21.9 17.5 26.3  
150 12.4 10.1 15.1





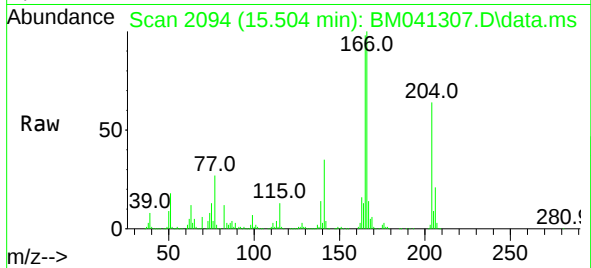
#61  
4-Chlorophenyl-phenylether  
Concen: 36.809 ng  
RT: 15.504 min Scan# 2097  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

Instrument :

BNA\_M

ClientSampleId :

PB154558BS

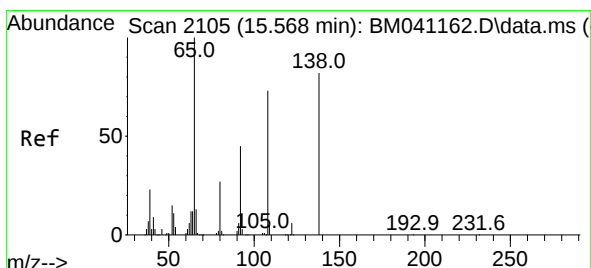
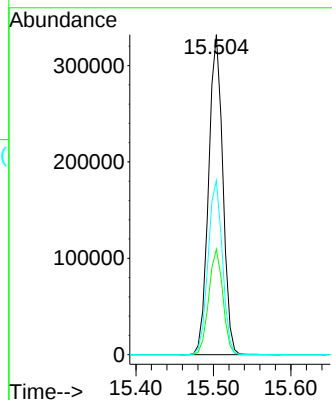
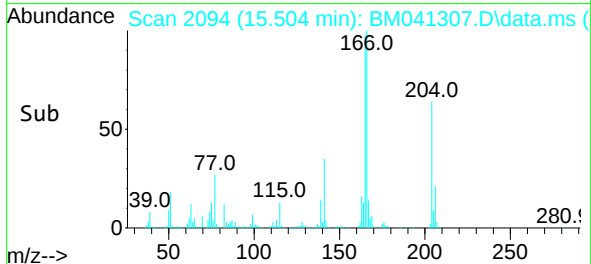


Tgt Ion:204 Resp: 422802  
Ion Ratio Lower Upper  
204 100  
206 32.9 26.5 39.7  
141 54.5 44.8 67.2

Manual Integrations

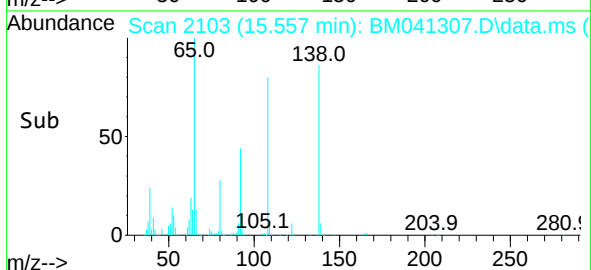
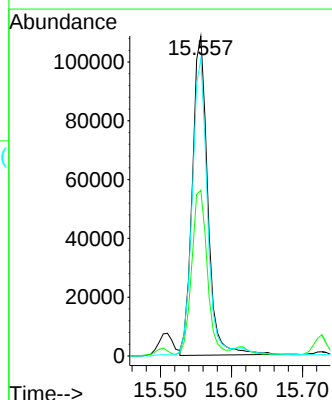
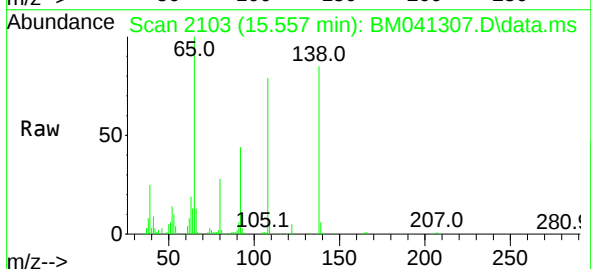
APPROVED

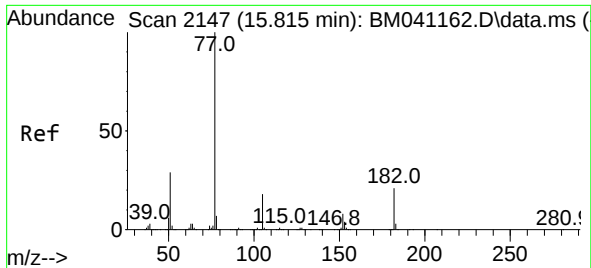
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#62  
4-Nitroaniline  
Concen: 34.004 ng  
RT: 15.557 min Scan# 2103  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

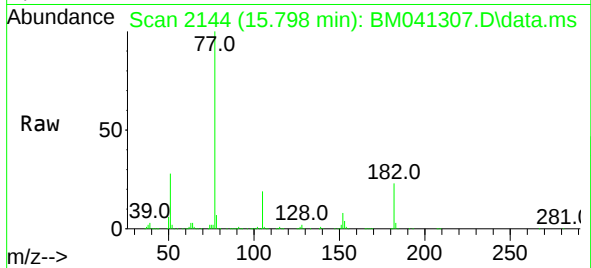
Tgt Ion:138 Resp: 164374  
Ion Ratio Lower Upper  
138 100  
92 51.7 35.1 75.1  
108 92.9 67.8 107.8





#63  
Azobenzene  
Concen: 34.160 ng  
RT: 15.798 min Scan# 2144  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

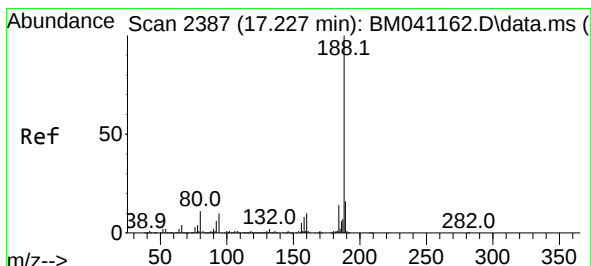
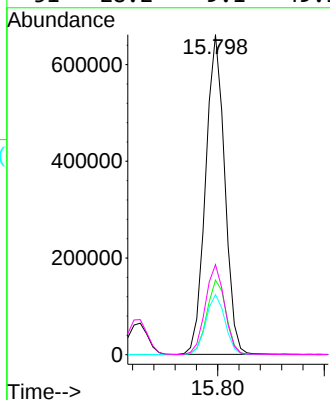
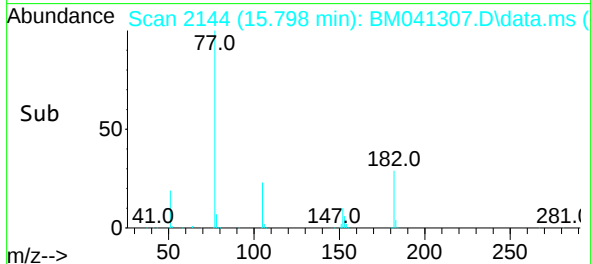
Instrument :  
BNA\_M  
ClientSampleId :  
PB154558BS



Tgt Ion: 77 Resp: 823592  
Ion Ratio Lower Upper  
77 100  
182 23.3 1.3 41.3  
105 18.7 0.0 38.5  
51 28.2 9.1 49.1

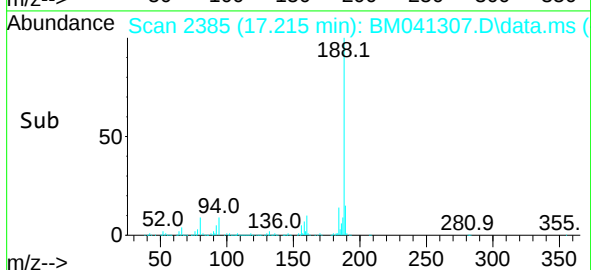
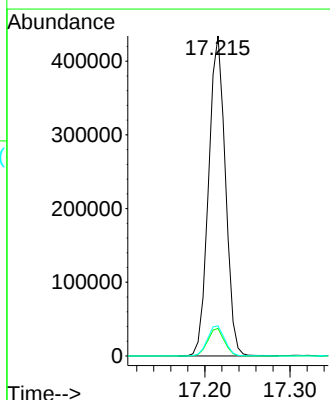
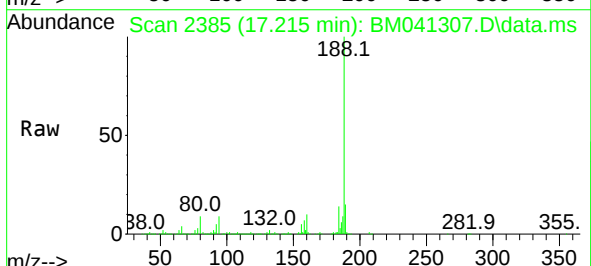
Manual Integrations  
APPROVED

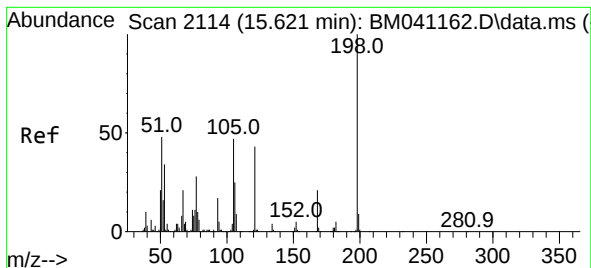
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.215 min Scan# 2385  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

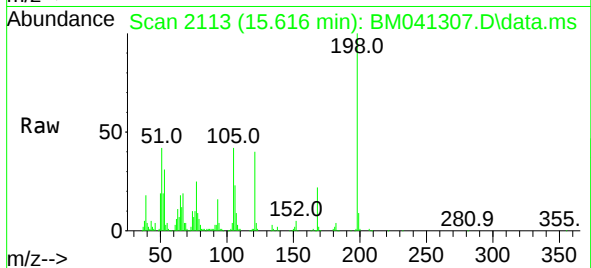
Tgt Ion:188 Resp: 594030  
Ion Ratio Lower Upper  
188 100  
94 8.6 8.2 12.2  
80 9.4 8.6 13.0





#65  
4,6-Dinitro-2-methylphenol  
Concen: 39.080 ng  
RT: 15.616 min Scan# 2113  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

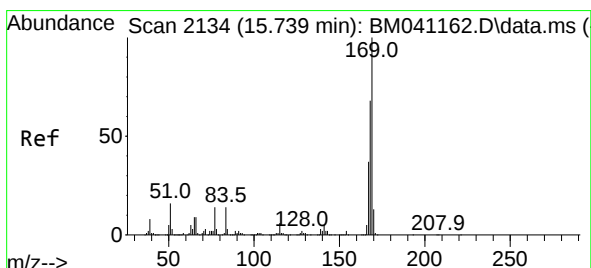
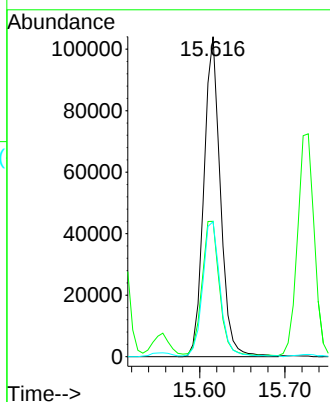
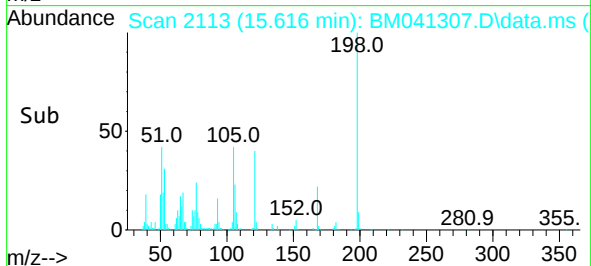
Instrument :  
BNA\_M  
ClientSampleId :  
PB154558BS



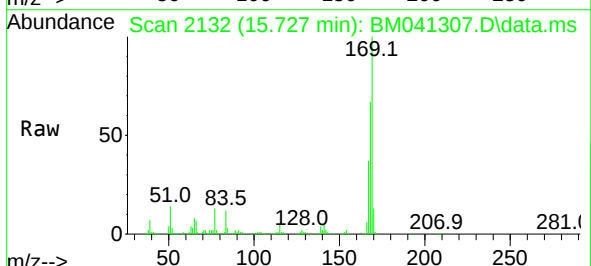
Tgt Ion:198 Resp: 140639  
Ion Ratio Lower Upper  
198 100  
51 42.3 31.7 71.7  
105 42.2 27.8 67.8

Manual Integrations  
APPROVED

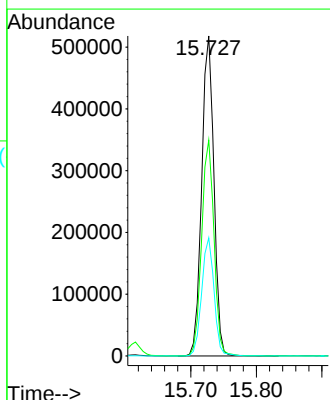
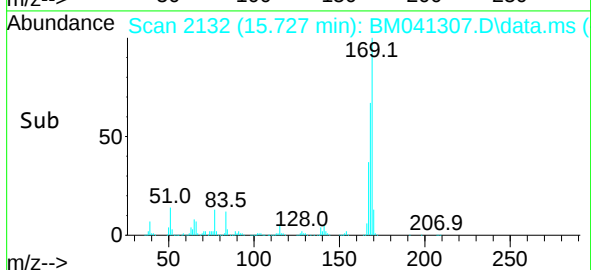
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

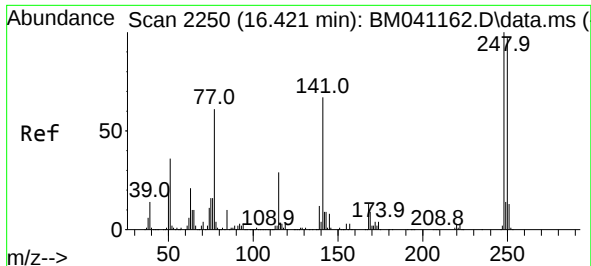


#66  
n-Nitrosodiphenylamine  
Concen: 36.445 ng  
RT: 15.727 min Scan# 2132  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47



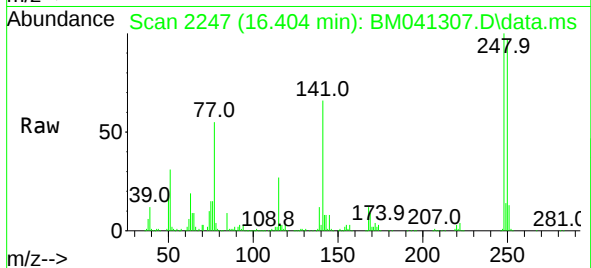
Tgt Ion:169 Resp: 673312  
Ion Ratio Lower Upper  
169 100  
168 67.5 54.6 81.8  
167 36.9 29.9 44.9





#67  
4-Bromophenyl-phenylether  
Concen: 38.892 ng  
RT: 16.404 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

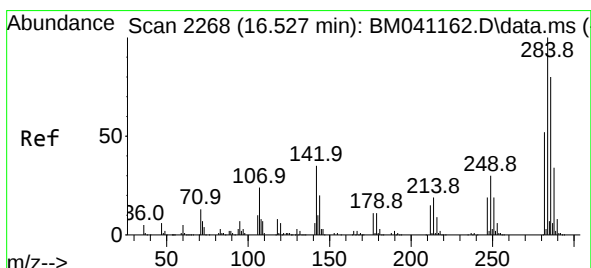
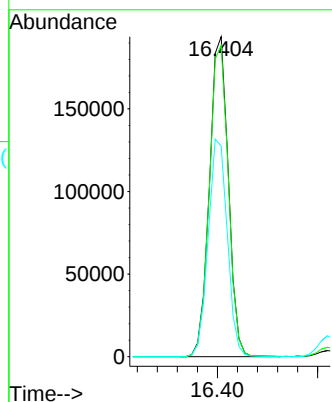
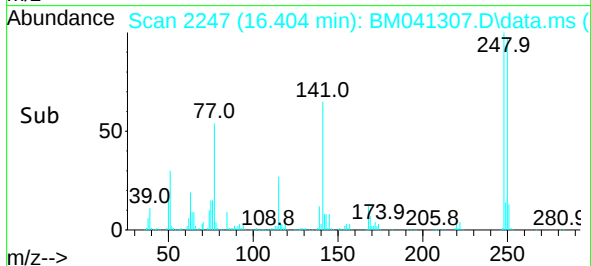
Instrument :  
BNA\_M  
ClientSampleId :  
PB154558BS



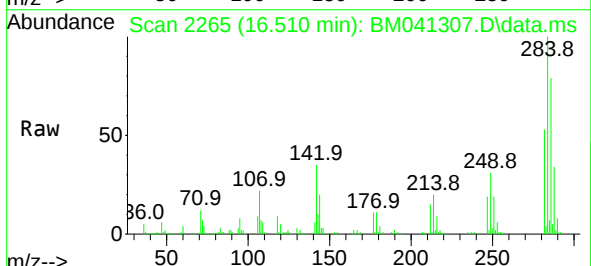
Tgt Ion:248 Resp: 25330  
Ion Ratio Lower Upper  
248 100  
250 97.3 78.0 117.0  
141 65.8 53.8 80.8

Manual Integrations  
APPROVED

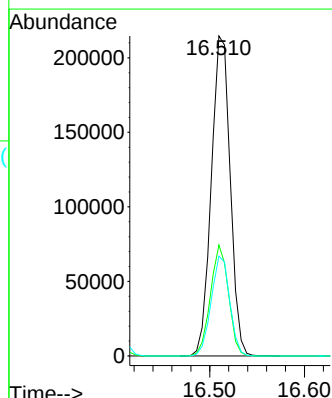
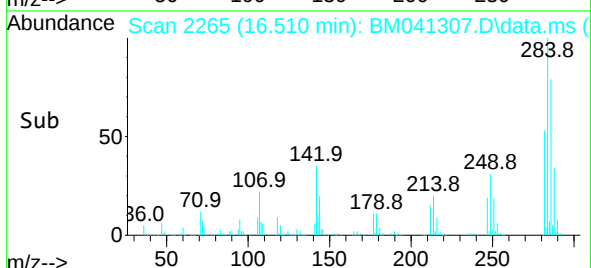
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

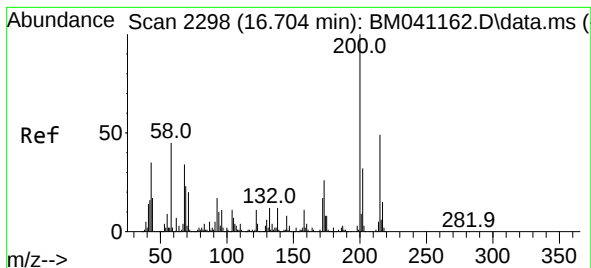


#68  
Hexachlorobenzene  
Concen: 40.953 ng  
RT: 16.510 min Scan# 2265  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47



Tgt Ion:284 Resp: 296594  
Ion Ratio Lower Upper  
284 100  
142 34.6 28.0 42.0  
249 31.2 23.7 35.5





#69

Atrazine

Concen: 48.865 ng

RT: 16.686 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

Instrument :

BNA\_M

ClientSampleId :

PB154558BS

Tgt Ion:200 Resp: 237079

Ion Ratio Lower Upper

200 100

173 25.0 5.6 45.6

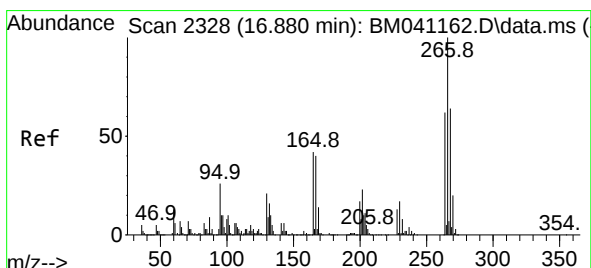
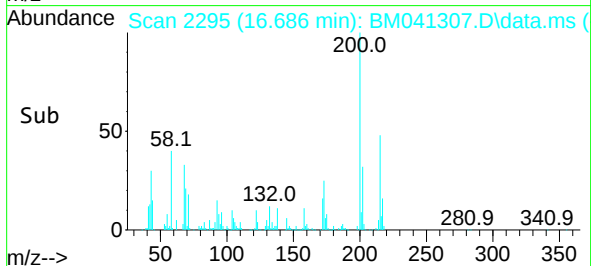
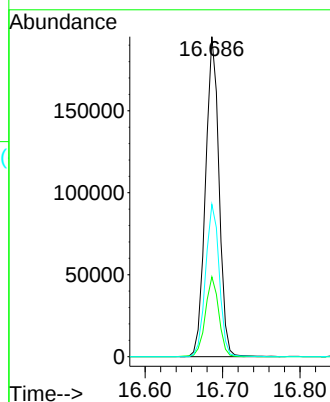
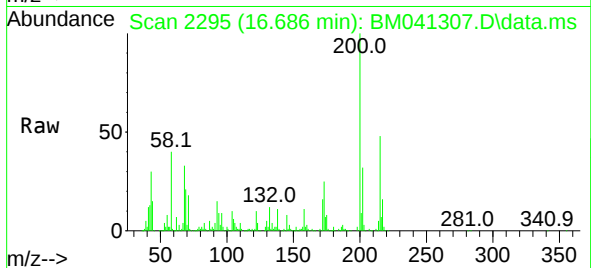
215 47.6 28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2023

Supervised By :mohammad ahmed 08/08/2023



#70

Pentachlorophenol

Concen: 67.021 ng

RT: 16.868 min Scan# 2326

Delta R.T. 0.000 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

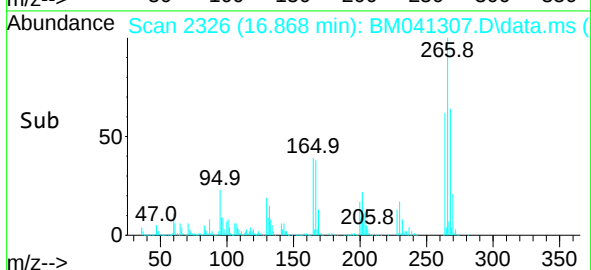
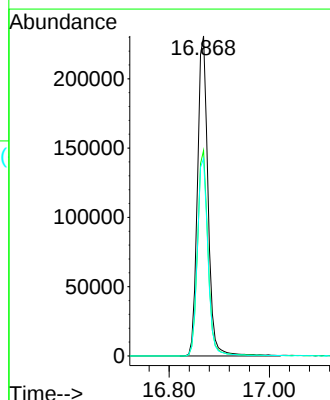
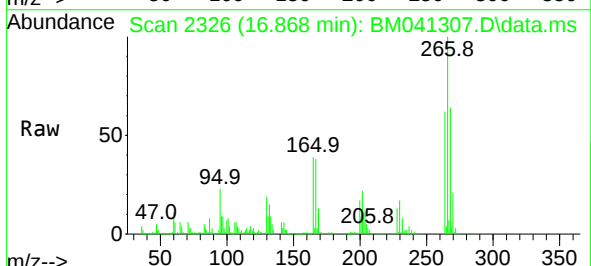
Tgt Ion:266 Resp: 336108

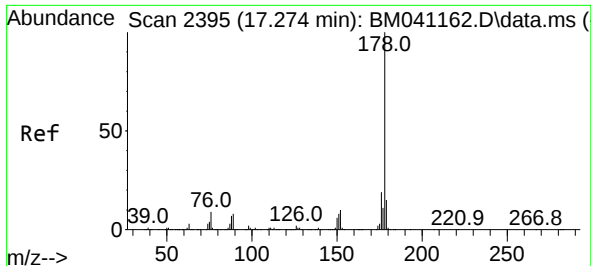
Ion Ratio Lower Upper

266 100

268 64.2 51.0 76.6

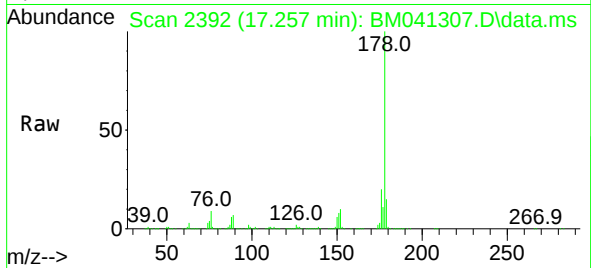
264 61.7 49.4 74.2





#71  
Phenanthrene  
Concen: 36.002 ng  
RT: 17.257 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

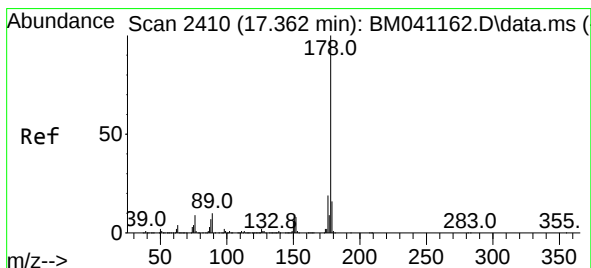
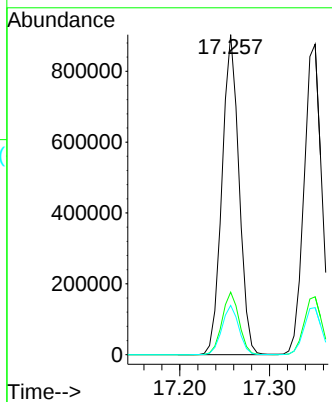
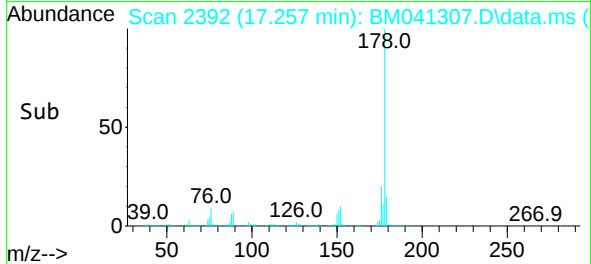
Instrument :  
BNA\_M  
ClientSampleId :  
PB154558BS



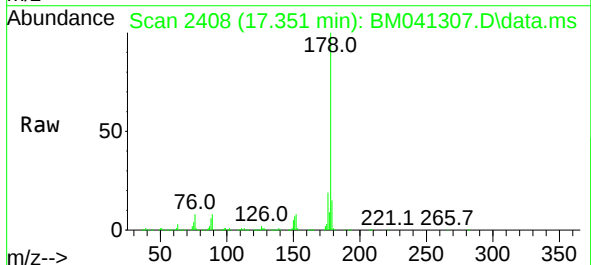
Tgt Ion:178 Resp: 118824  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.6 23.4  
179 15.4 12.1 18.1

Manual Integrations  
APPROVED

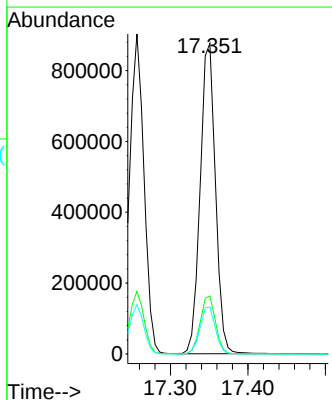
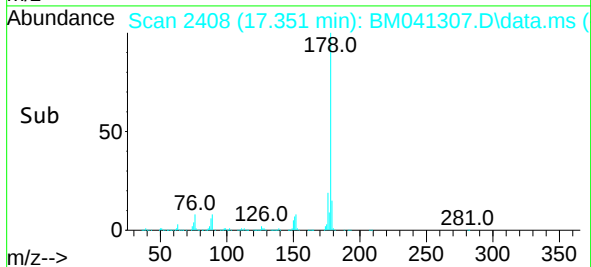
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

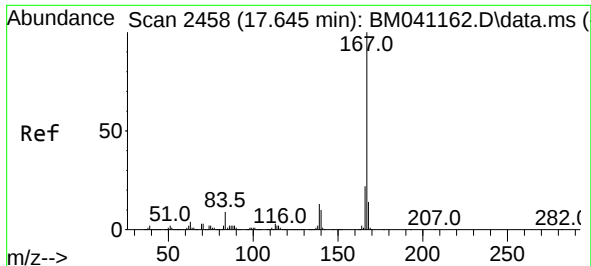


#72  
Anthracene  
Concen: 36.762 ng  
RT: 17.351 min Scan# 2408  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47



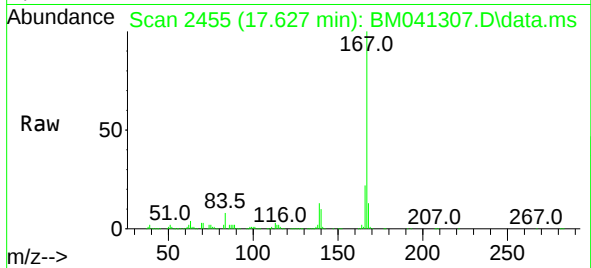
Tgt Ion:178 Resp: 1199990  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.2 22.8  
179 15.1 12.4 18.6





#73  
 Carbazole  
 Concen: 36.766 ng  
 RT: 17.627 min Scan# 2458  
 Delta R.T. -0.006 min  
 Lab File: BM041307.D  
 Acq: 07 Aug 2023 11:47

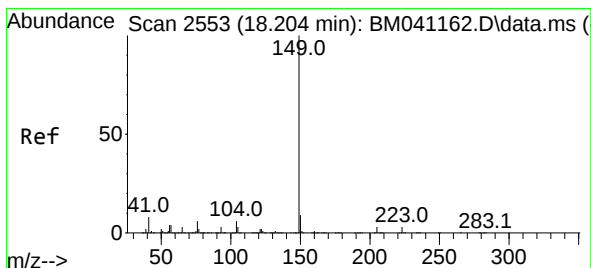
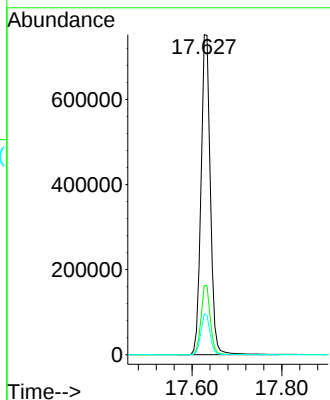
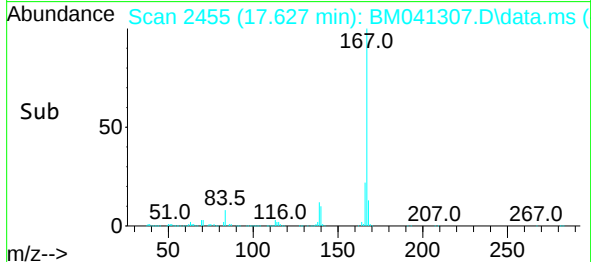
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB154558BS



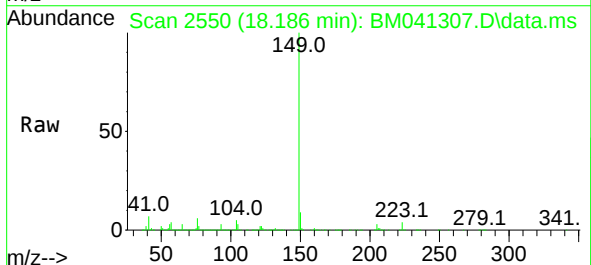
Tgt Ion:167 Resp: 1086239  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 17.3 25.9  
 139 12.8 10.3 15.5

Manual Integrations  
 APPROVED

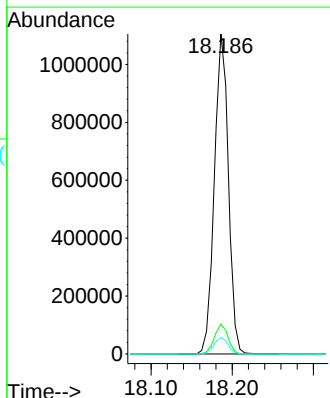
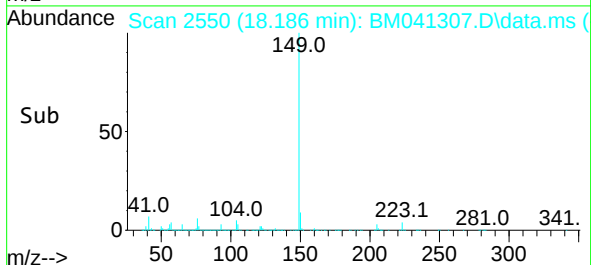
Reviewed By :Yogesh Patel 08/08/2023  
 Supervised By :mohammad ahmed 08/08/2023

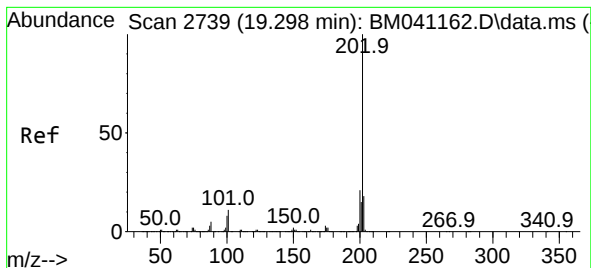


#74  
 Di-n-butylphthalate  
 Concen: 39.671 ng  
 RT: 18.186 min Scan# 2550  
 Delta R.T. 0.000 min  
 Lab File: BM041307.D  
 Acq: 07 Aug 2023 11:47



Tgt Ion:149 Resp: 1324451  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.3 10.9  
 104 5.2 4.5 6.7





#75

Fluoranthene

Concen: 36.730 ng

RT: 19.286 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041307.D

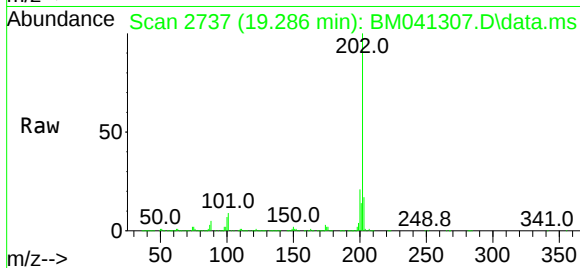
Acq: 07 Aug 2023 11:47

Instrument :

BNA\_M

ClientSampleId :

PB154558BS



Tgt Ion:202 Resp: 1361949

Ion Ratio Lower Upper

202 100

101 9.3 0.0 30.8

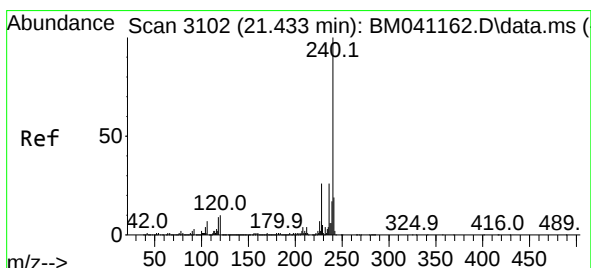
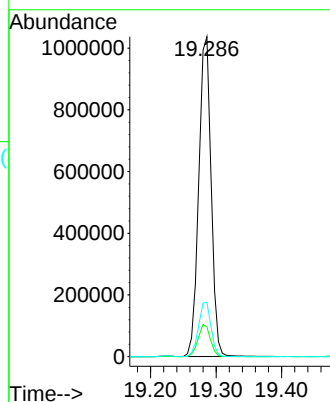
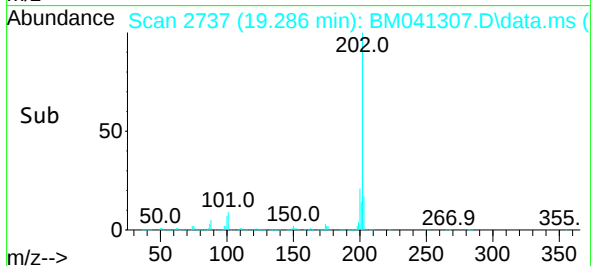
203 17.0 0.0 37.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2023

Supervised By :mohammad ahmed 08/08/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.421 min Scan# 3100

Delta R.T. 0.000 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

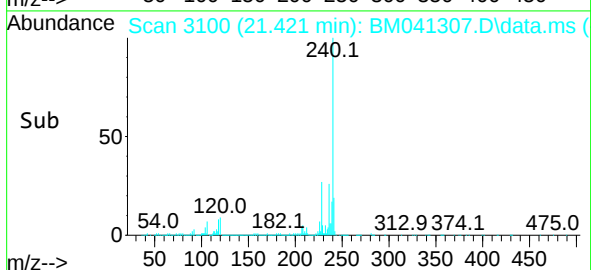
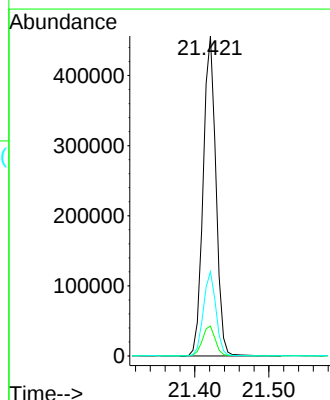
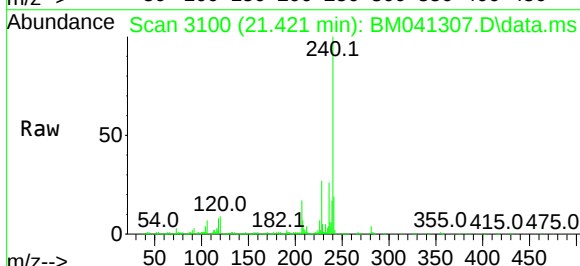
Tgt Ion:240 Resp: 545549

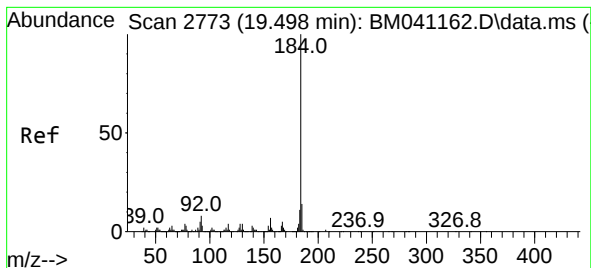
Ion Ratio Lower Upper

240 100

120 9.3 8.3 12.5

236 26.3 20.6 30.8





#77

Benzidine

Concen: 103.122 ng

RT: 19.480 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

Instrument :

BNA\_M

ClientSampleId :

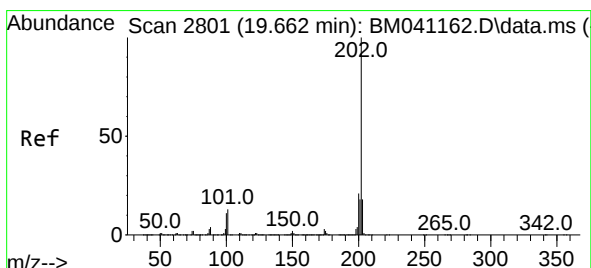
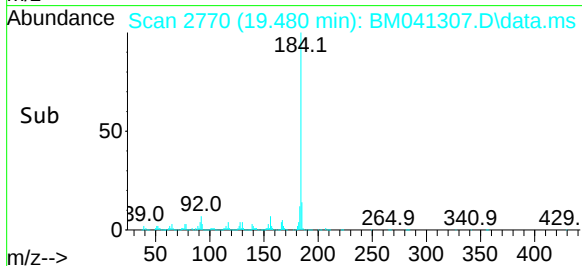
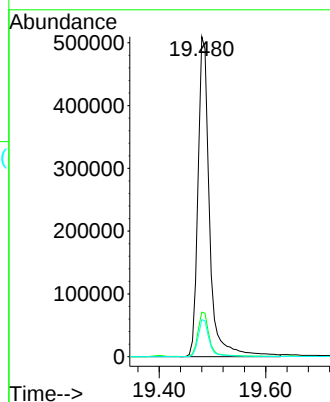
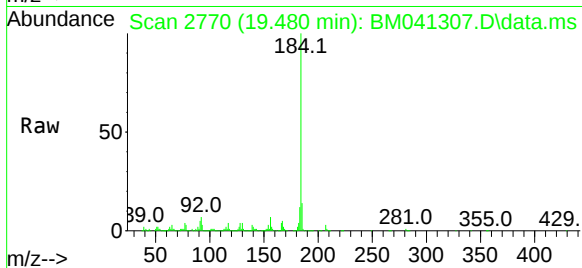
PB154558BS

Tgt Ion:184 Resp: 766794  
 Ion Ratio Lower Upper  
 184 100  
 185 13.9 11.4 17.0  
 183 11.6 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2023  
 Supervised By :mohammad ahmed 08/08/2023



#78

Pyrene

Concen: 37.120 ng

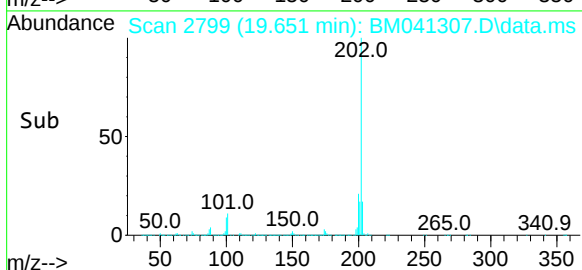
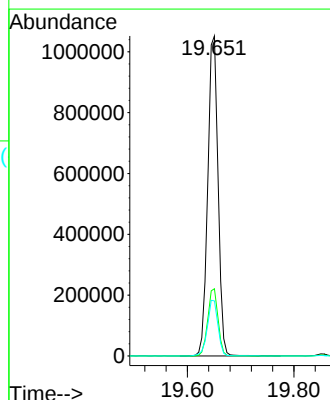
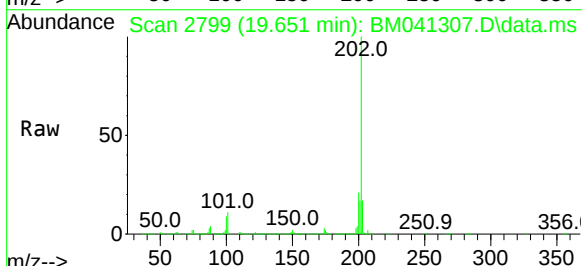
RT: 19.651 min Scan# 2799

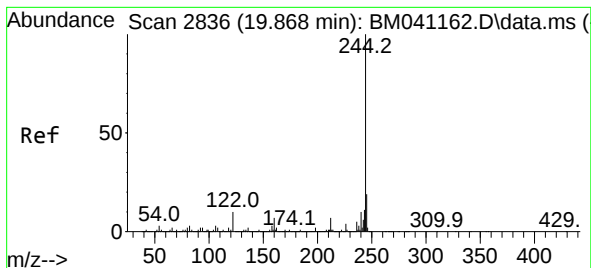
Delta R.T. 0.006 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

Tgt Ion:202 Resp: 1416147  
 Ion Ratio Lower Upper  
 202 100  
 200 21.0 16.9 25.3  
 203 17.2 14.1 21.1





#79

Terphenyl-d14

Concen: 75.679 ng

RT: 19.851 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041307.D

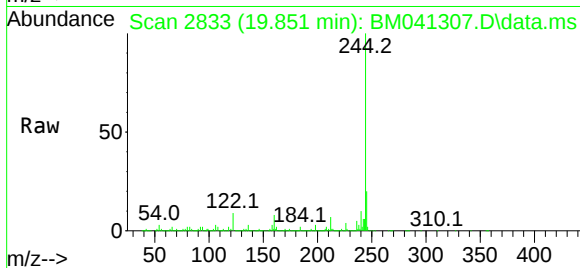
Acq: 07 Aug 2023 11:47

Instrument :

BNA\_M

ClientSampleId :

PB154558BS



Tgt Ion:244 Resp: 228349

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

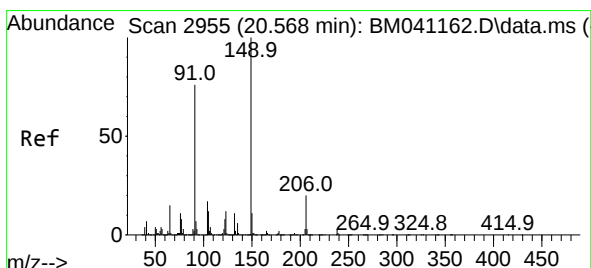
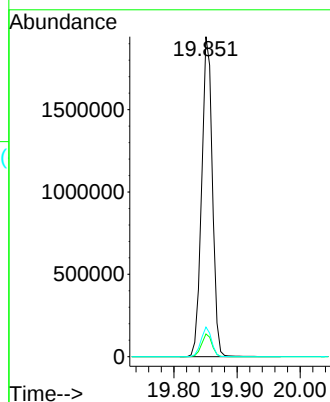
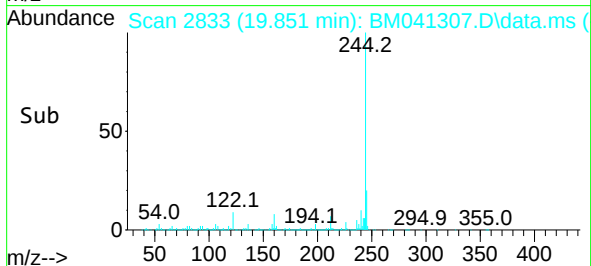
122 9.2 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2023

Supervised By :mohammad ahmed 08/08/2023



#80

Butylbenzylphthalate

Concen: 42.078 ng

RT: 20.551 min Scan# 2952

Delta R.T. 0.000 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

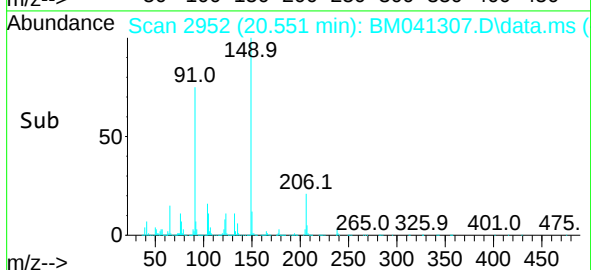
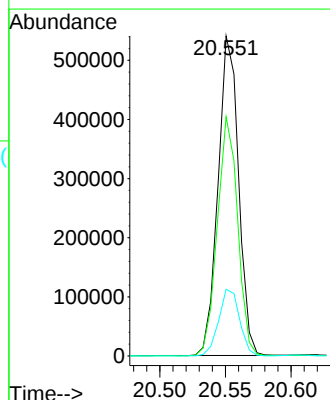
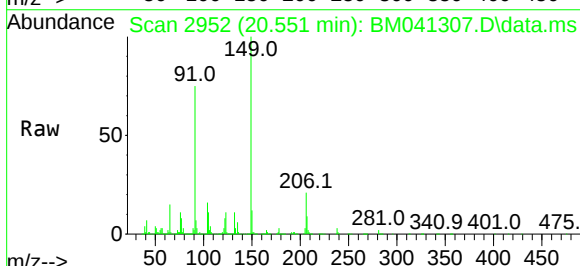
Tgt Ion:149 Resp: 586233

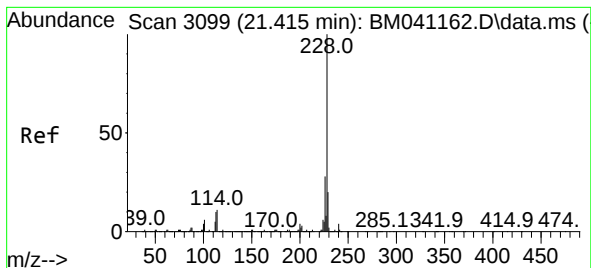
Ion Ratio Lower Upper

149 100

91 74.8 60.8 91.2

206 20.8 16.4 24.6





#81

Benzo(a)anthracene

Concen: 38.657 ng

RT: 21.403 min Scan# 3099

Delta R.T. 0.000 min

Lab File: BM041307.D

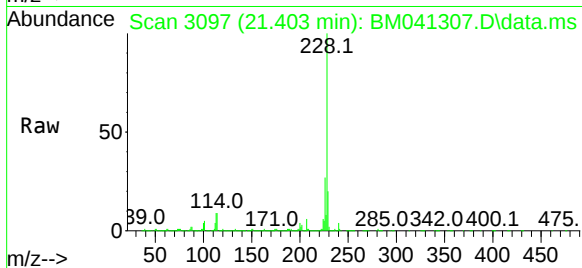
Acq: 07 Aug 2023 11:47

Instrument :

BNA\_M

ClientSampleId :

PB154558BS



Tgt Ion:228 Resp: 1429698

Ion Ratio Lower Upper

228 100

226 27.1 22.4 33.6

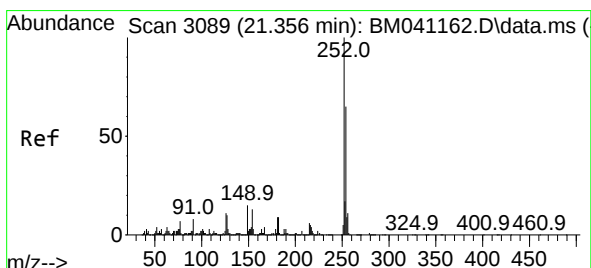
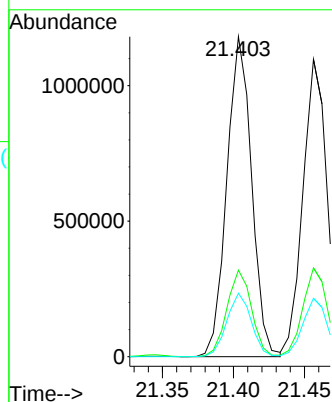
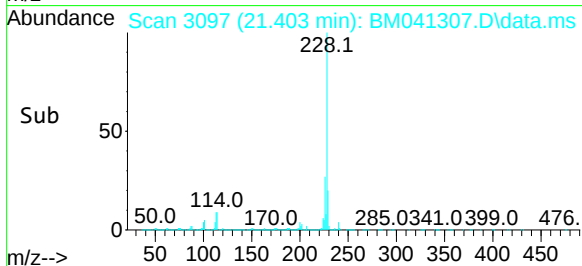
229 19.9 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2023

Supervised By :mohammad ahmed 08/08/2023



#82

3,3'-Dichlorobenzidine

Concen: 43.619 ng

RT: 21.345 min Scan# 3087

Delta R.T. 0.000 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

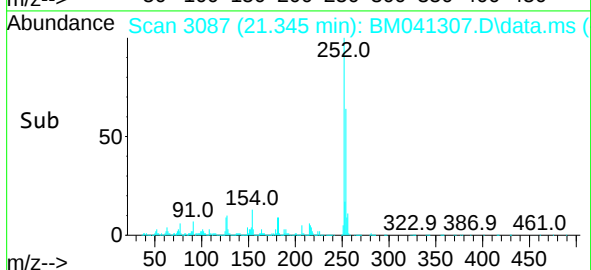
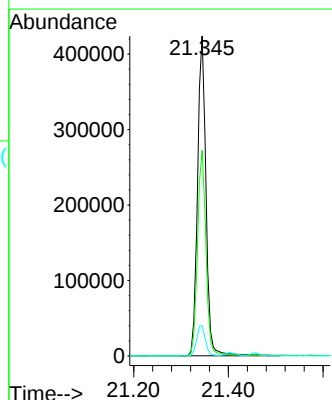
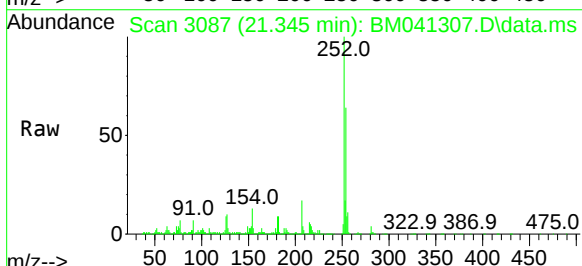
Tgt Ion:252 Resp: 526405

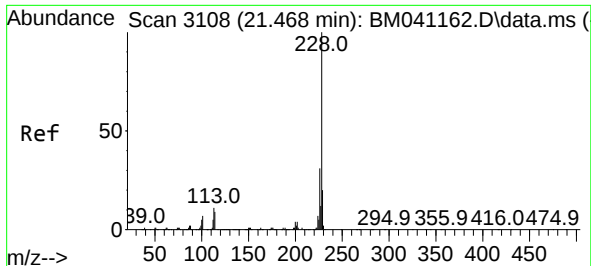
Ion Ratio Lower Upper

252 100

254 64.3 51.8 77.6

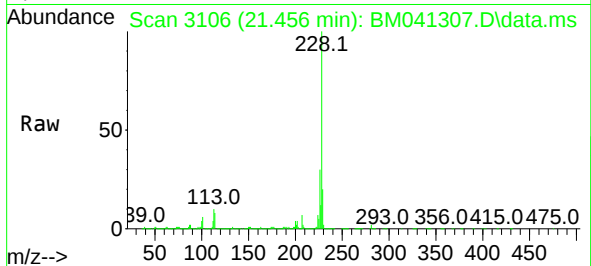
126 9.4 8.6 13.0





#83  
Chrysene  
Concen: 36.544 ng  
RT: 21.456 min Scan# 3108  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47

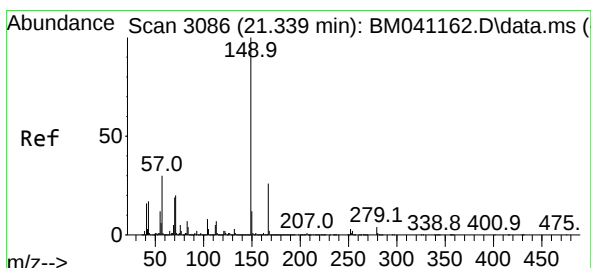
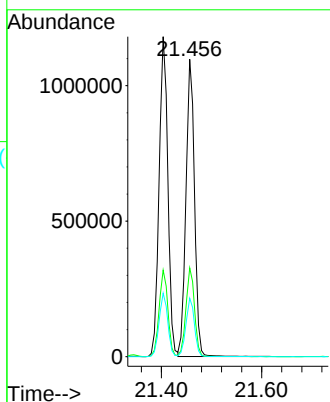
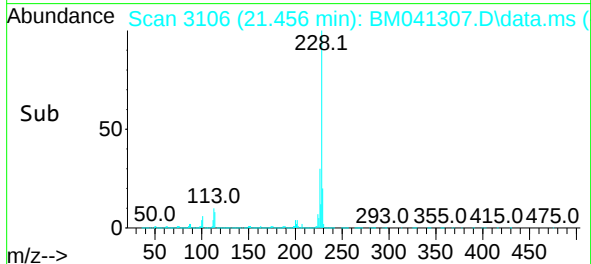
Instrument :  
BNA\_M  
ClientSampleId :  
PB154558BS



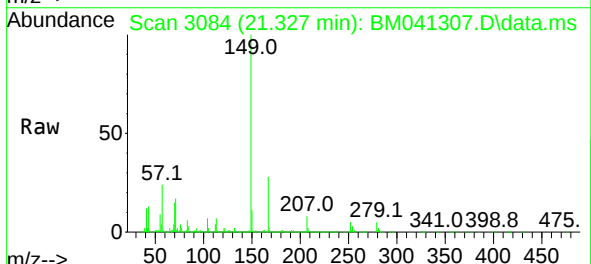
Tgt Ion:228 Resp: 130726  
Ion Ratio Lower Upper  
228 100  
226 29.8 24.5 36.7  
229 19.6 15.8 23.8

Manual Integrations  
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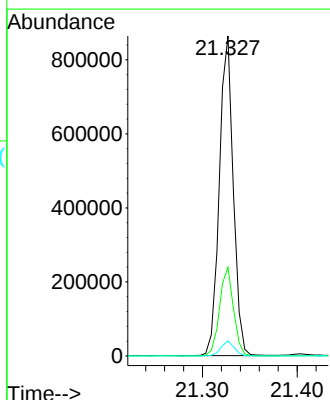
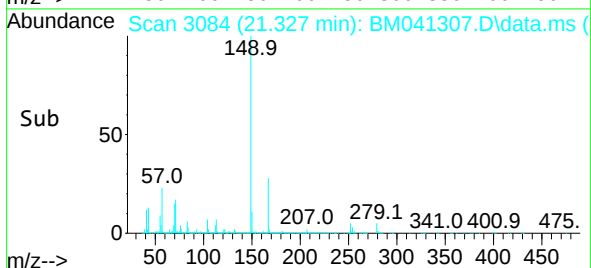
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

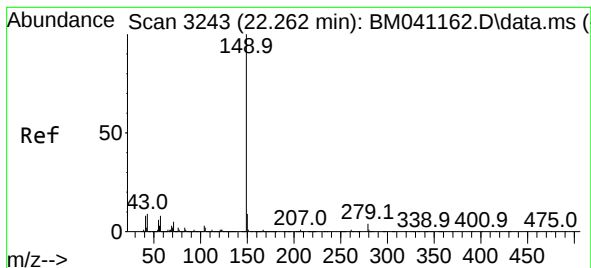


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 40.412 ng  
RT: 21.327 min Scan# 3084  
Delta R.T. 0.000 min  
Lab File: BM041307.D  
Acq: 07 Aug 2023 11:47



Tgt Ion:149 Resp: 884732  
Ion Ratio Lower Upper  
149 100  
167 27.7 21.0 31.6  
279 4.7 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 44.290 ng

RT: 22.245 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM041307.D

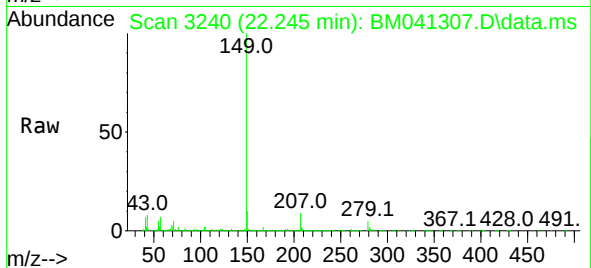
Acq: 07 Aug 2023 11:47

Instrument :

BNA\_M

ClientSampleId :

PB154558BS



Tgt Ion:149 Resp: 1559498

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

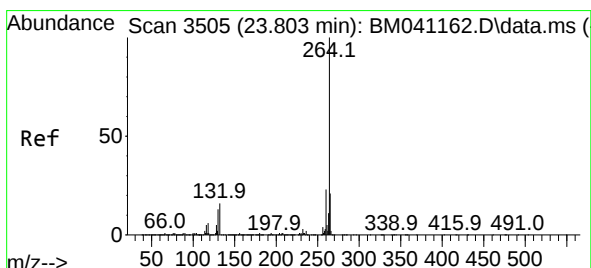
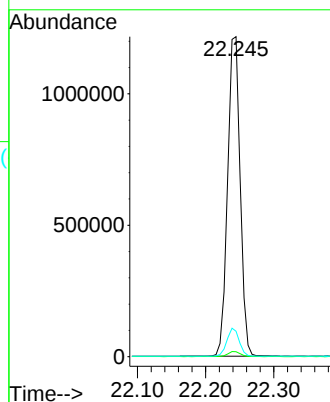
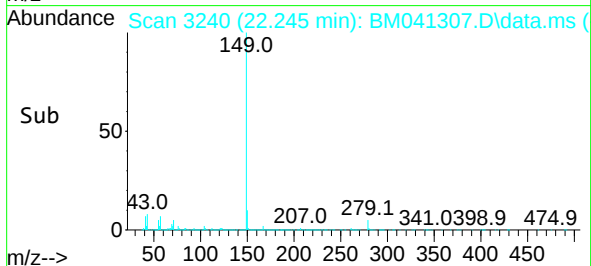
43 8.5 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2023

Supervised By :mohammad ahmed 08/08/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.786 min Scan# 3502

Delta R.T. 0.000 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

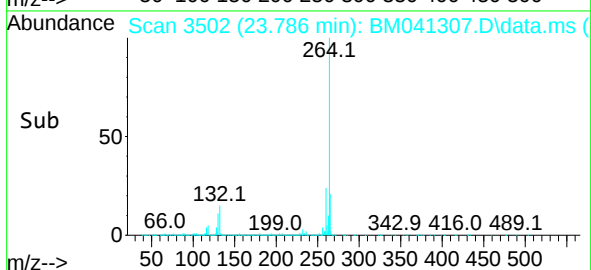
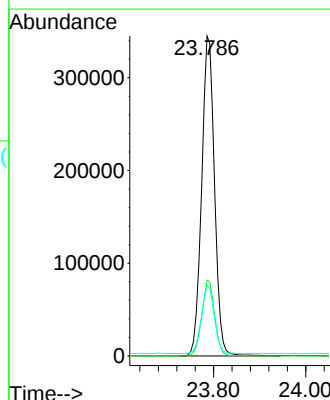
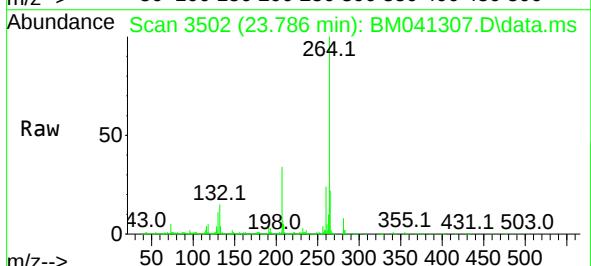
Tgt Ion:264 Resp: 672540

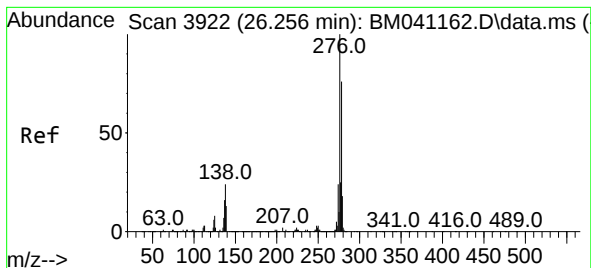
Ion Ratio Lower Upper

264 100

260 23.7 18.5 27.7

265 22.0 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.740 ng

RT: 26.244 min Scan# 3922

Delta R.T. 0.000 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

Instrument :

BNA\_M

ClientSampleId :

PB154558BS

Tgt Ion:276 Resp: 1964999

Ion Ratio Lower Upper

276 100

138 21.1 20.0 30.0

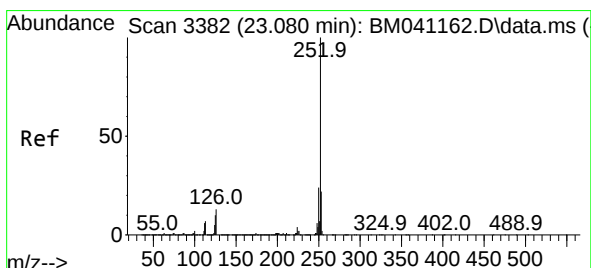
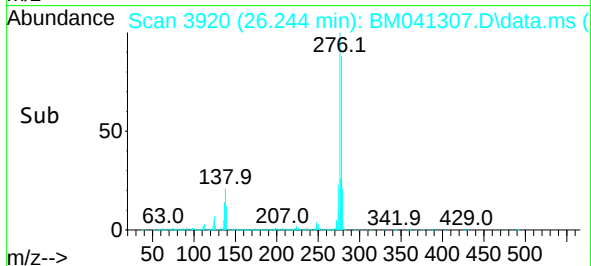
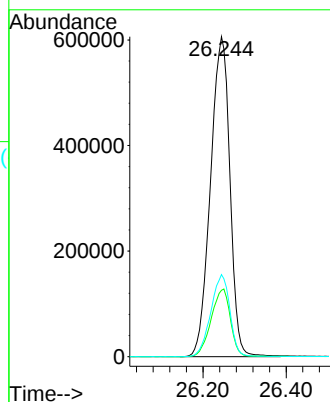
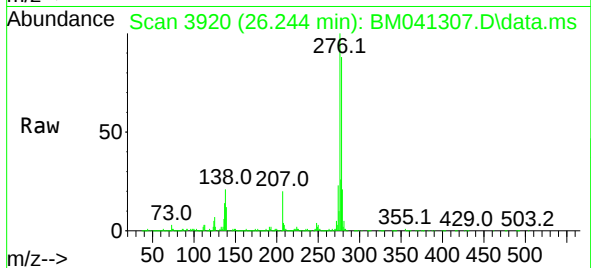
277 25.4 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2023

Supervised By :mohammad ahmed 08/08/2023



#88

Benzo(b)fluoranthene

Concen: 37.818 ng

RT: 23.068 min Scan# 3380

Delta R.T. -0.006 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

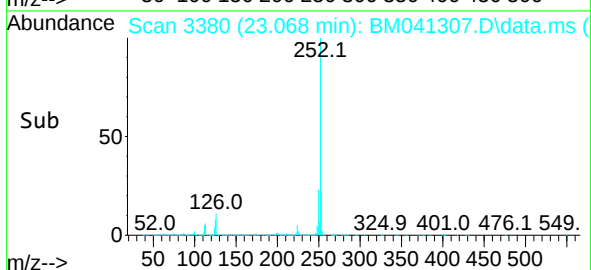
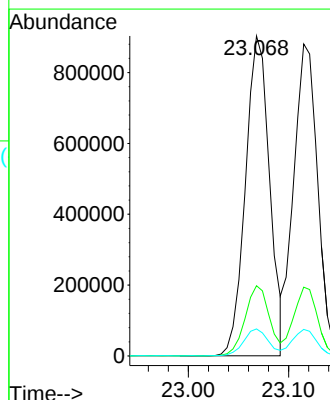
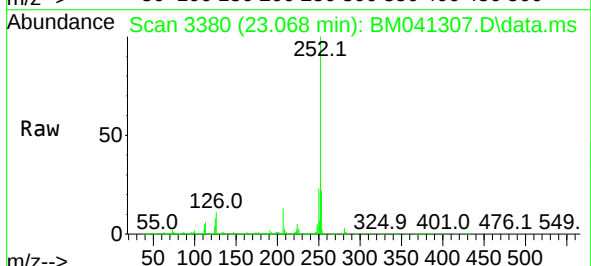
Tgt Ion:252 Resp: 1510924

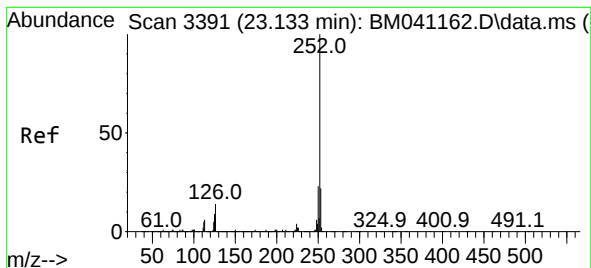
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 8.4 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 35.802 ng

RT: 23.115 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

Instrument :

BNA\_M

ClientSampleId :

PB154558BS

Tgt Ion:252 Resp: 146315

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

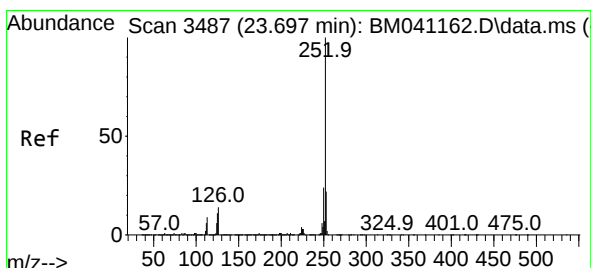
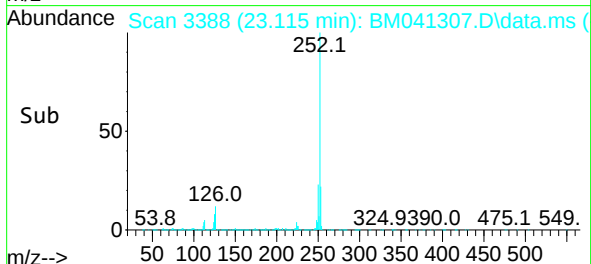
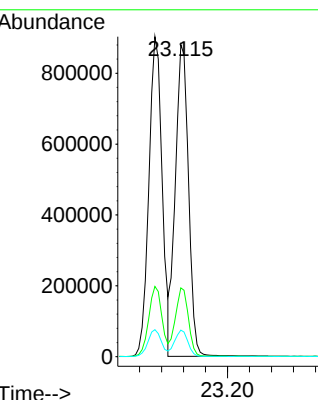
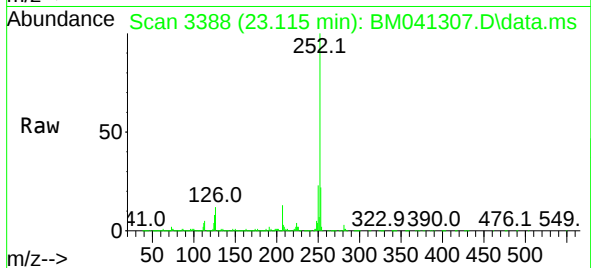
125 8.5 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2023

Supervised By :mohammad ahmed 08/08/2023



#90

Benzo(a)pyrene

Concen: 35.542 ng

RT: 23.686 min Scan# 3485

Delta R.T. 0.000 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

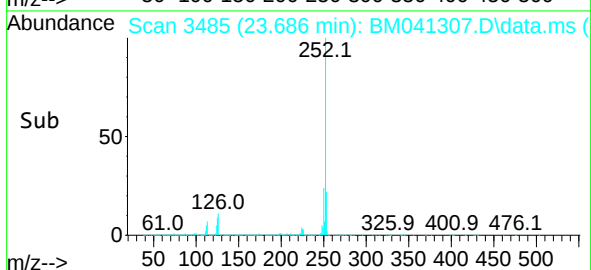
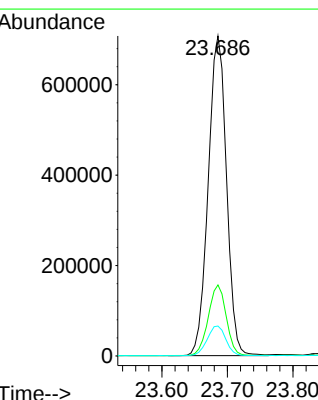
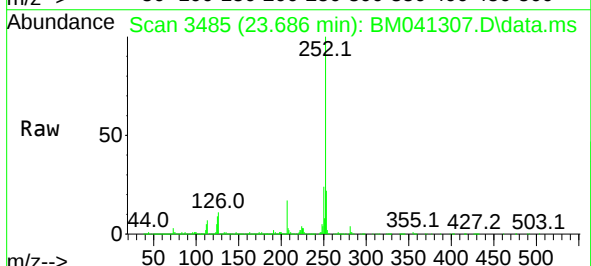
Tgt Ion:252 Resp: 1364439

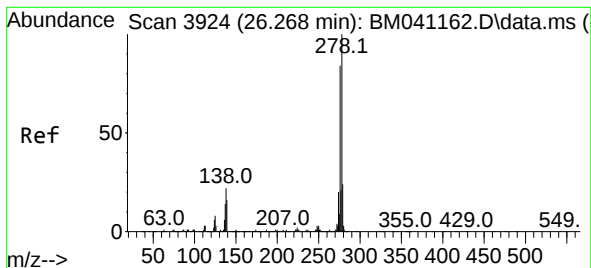
Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 9.3 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 40.262 ng

RT: 26.256 min Scan# 3922

Delta R.T. 0.000 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

Instrument :

BNA\_M

ClientSampleId :

PB154558BS

Tgt Ion:278 Resp: 166051

Ion Ratio Lower Upper

278 100

139 12.9 12.7 19.1

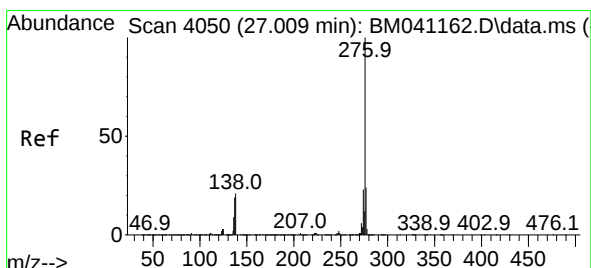
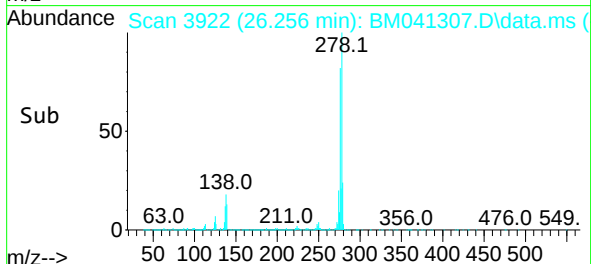
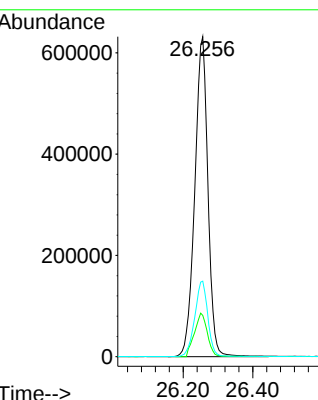
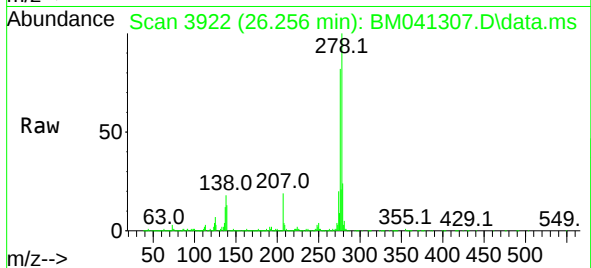
279 23.6 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2023

Supervised By :mohammad ahmed 08/08/2023



#92

Benzo(g,h,i)perylene

Concen: 38.679 ng

RT: 26.991 min Scan# 4047

Delta R.T. -0.006 min

Lab File: BM041307.D

Acq: 07 Aug 2023 11:47

Tgt Ion:276 Resp: 1560891

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 18.1 17.1 25.7

