

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080823\  
 Data File : BM041321.D  
 Acq On : 08 Aug 2023 08:56  
 Operator : MA/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/09/2023  
 Supervised By :mohammad ahmed 08/09/2023

Quant Time: Aug 09 01:10:31 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     | 7.781  | 152  | 201441   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.586 | 136  | 809506   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.451 | 164  | 486925   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.209 | 188  | 980432   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.421 | 240  | 785998   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 23.786 | 264  | 844604   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.351  | 112  | 982094   | 72.866 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.963  | 99   | 1336812  | 76.517 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.963  | 82   | 1306270  | 75.043 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.957 | 330  | 559665   | 81.260 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.069 | 172  | 2863288  | 74.283 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.851 | 244  | 3584479  | 82.455 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.257  | 88   | 191320   | 33.182 | ng    | 98       |
| 3) Pyridine                   | 3.657  | 79   | 561728   | 37.053 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.581  | 42   | 246325   | 35.131 | ng    | 94       |
| 6) Aniline                    | 7.122  | 93   | 797757   | 39.018 | ng    | 99       |
| 8) 2-Chlorophenol             | 7.345  | 128  | 505921   | 38.450 | ng    | 99       |
| 9) Benzaldehyde               | 6.934  | 77   | 344859m  | 37.409 | ng    |          |
| 10) Phenol                    | 6.993  | 94   | 645609   | 38.261 | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.216  | 93   | 524437   | 38.395 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.663  | 146  | 546131   | 38.131 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.816  | 146  | 553328   | 38.436 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.134  | 146  | 534162   | 38.698 | ng    | 99       |
| 15) Benzyl Alcohol            | 8.040  | 79   | 481647   | 43.655 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.322  | 45   | 648167   | 35.616 | ng    | 96       |
| 17) 2-Methylphenol            | 8.239  | 107  | 467526   | 40.555 | ng    | 98       |
| 18) Hexachloroethane          | 8.851  | 117  | 211155   | 39.398 | ng    | 89       |
| 19) n-Nitroso-di-n-propyla... | 8.604  | 70   | 452544   | 42.646 | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.575  | 107  | 642094   | 41.657 | ng    | 98       |
| 22) Acetophenone              | 8.622  | 105  | 806164   | 37.602 | ng    | 100      |
| 24) Nitrobenzene              | 9.004  | 77   | 654408   | 37.175 | ng    | 99       |
| 25) Isophorone                | 9.528  | 82   | 1200526  | 40.629 | ng    | 99       |
| 26) 2-Nitrophenol             | 9.710  | 139  | 295441   | 42.932 | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 9.775  | 122  | 471587   | 38.944 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.010 | 93   | 697955   | 37.708 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.245 | 162  | 503460   | 41.228 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.451 | 180  | 541277   | 40.119 | ng    | 99       |
| 31) Naphthalene               | 10.639 | 128  | 1620196  | 36.883 | ng    | 100      |
| 32) Benzoic acid              | 9.957  | 122  | 371139   | 41.880 | ng    | 97       |
| 33) 4-Chloroaniline           | 10.769 | 127  | 699898   | 39.868 | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.904 | 225  | 350100   | 43.145 | ng    | 99       |
| 35) Caprolactam               | 11.598 | 113  | 149929   | 42.442 | ng    | 92       |
| 36) 4-Chloro-3-methylphenol   | 11.904 | 107  | 532317   | 41.416 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.257 | 142  | 1180297  | 39.854 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.480 | 142  | 1090623  | 39.346 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.627 | 216  | 614466   | 38.863 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.592 | 237  | 266126   | 31.815 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.880 | 196  | 417647   | 41.213 | ng    | 96       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080823\  
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 Acq On : 08 Aug 2023 08:56  
 Operator : MA/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

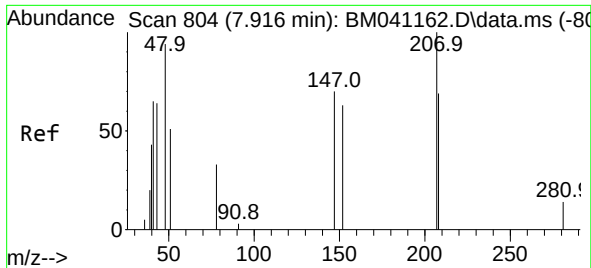
Reviewed By :Yogesh Patel 08/09/2023  
 Supervised By :mohammad ahmed 08/09/2023

Quant Time: Aug 09 01:10:31 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     | 12.957 | 196  | 487917   | 41.598 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.280 | 154  | 1446430  | 36.642 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.322 | 162  | 1108987  | 37.625 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.551 | 65   | 372402   | 39.583 | ng    | 97       |
| 49) Acenaphthylene            | 14.174 | 152  | 1780628  | 37.429 | ng    | 100      |
| 50) Dimethylphthalate         | 13.921 | 163  | 1431897  | 39.094 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.051 | 165  | 308616   | 40.665 | ng    | 99       |
| 52) Acenaphthene              | 14.516 | 154  | 1065056  | 37.162 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.386 | 138  | 319600   | 37.016 | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 14.598 | 184  | 179776   | 38.355 | ng    | 94       |
| 55) Dibenzofuran              | 14.851 | 168  | 1738366  | 37.176 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.704 | 139  | 227136   | 35.911 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 14.845 | 165  | 416187   | 38.935 | ng    | 95       |
| 58) Fluorene                  | 15.504 | 166  | 1373495  | 37.234 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.086 | 232  | 385121   | 40.548 | ng    | 97       |
| 60) Diethylphthalate          | 15.286 | 149  | 1391031  | 39.272 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.498 | 204  | 733666   | 39.690 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.557 | 138  | 289242   | 36.794 | ng    | 96       |
| 63) Azobenzene                | 15.792 | 77   | 1442522  | 37.179 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.610 | 198  | 245437   | 41.323 | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 15.721 | 169  | 1155122  | 37.883 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.398 | 248  | 441358   | 41.058 | ng    | 99       |
| 68) Hexachlorobenzene         | 16.510 | 284  | 478016   | 39.991 | ng    | 96       |
| 69) Atrazine                  | 16.686 | 200  | 337682   | 42.170 | ng    | 99       |
| 70) Pentachlorophenol         | 16.862 | 266  | 338722   | 40.923 | ng    | 98       |
| 71) Phenanthrene              | 17.257 | 178  | 1996340  | 36.648 | ng    | 99       |
| 72) Anthracene                | 17.345 | 178  | 2045369  | 37.965 | ng    | 100      |
| 73) Carbazole                 | 17.627 | 167  | 1774242  | 36.385 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.186 | 149  | 2205959  | 40.034 | ng    | 100      |
| 75) Fluoranthene              | 19.280 | 202  | 2205508  | 36.038 | ng    | 99       |
| 77) Benzidine                 | 19.480 | 184  | 520003   | 48.539 | ng    | 100      |
| 78) Pyrene                    | 19.645 | 202  | 2260308  | 41.122 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.550 | 149  | 887832   | 44.231 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.403 | 228  | 2060946  | 38.678 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.345 | 252  | 697910   | 40.139 | ng    | 99       |
| 83) Chrysene                  | 21.456 | 228  | 1939342  | 37.629 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.327 | 149  | 1270072  | 40.275 | ng    | # 97     |
| 85) Di-n-octyl phthalate      | 22.244 | 149  | 2092582  | 41.249 | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.238 | 276  | 2300680  | 37.050 | ng    | 96       |
| 88) Benzo(b)fluoranthene      | 23.068 | 252  | 1913908  | 38.145 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.115 | 252  | 1955451  | 38.100 | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.686 | 252  | 1865161  | 38.688 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 26.250 | 278  | 1936819  | 37.395 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 26.991 | 276  | 1860947  | 36.720 | ng    | 97       |

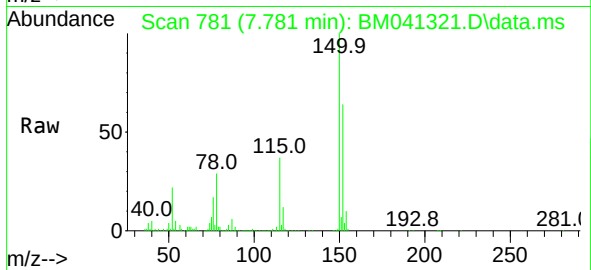
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.781 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

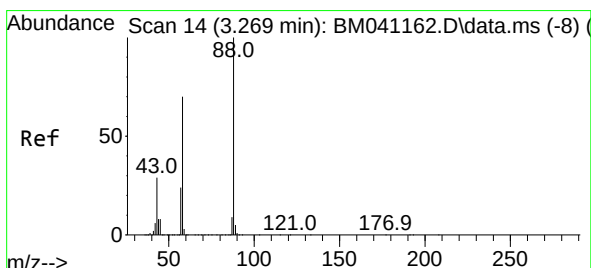
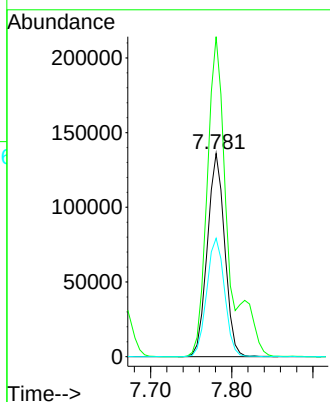
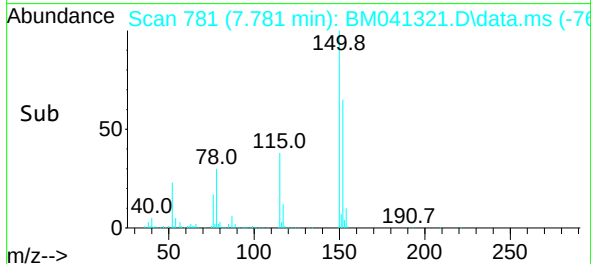
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



Tgt Ion:152 Resp: 20144  
Ion Ratio Lower Upper  
152 100  
150 157.4 125.5 188.3  
115 58.3 48.0 72.0

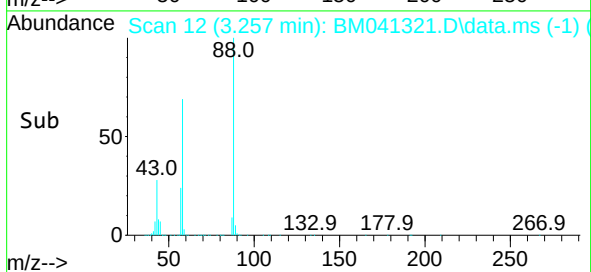
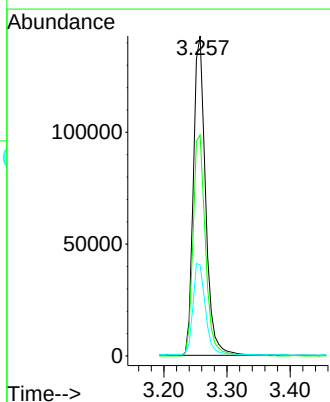
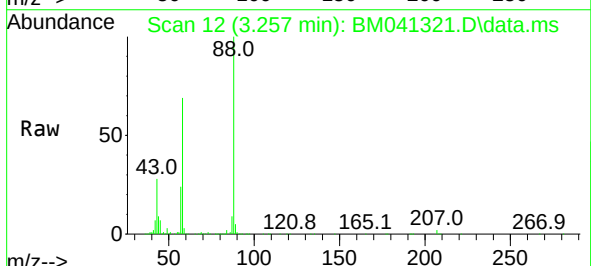
Manual Integrations  
APPROVED

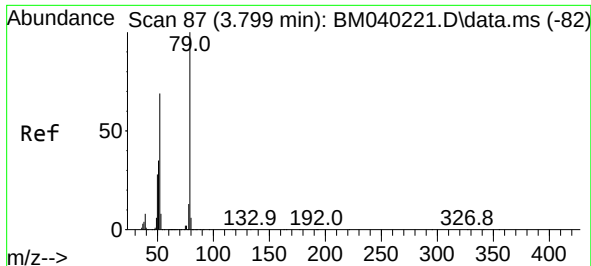
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/09/2023



#2  
1,4-Dioxane  
Concen: 33.182 ng  
RT: 3.257 min Scan# 12  
Delta R.T. 0.000 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

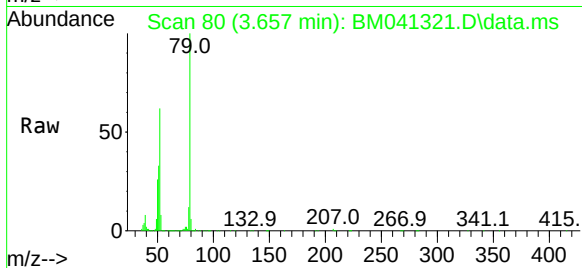
Tgt Ion: 88 Resp: 191320  
Ion Ratio Lower Upper  
88 100  
58 70.9 58.2 87.4  
43 29.3 24.4 36.6





#3  
Pyridine  
Concen: 37.053 ng  
RT: 3.657 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

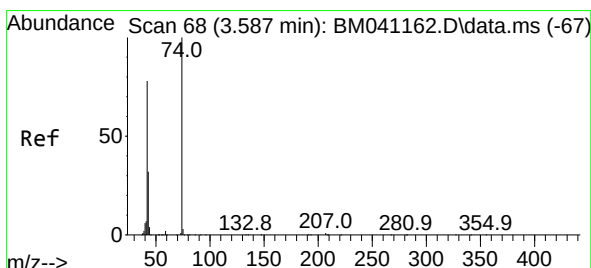
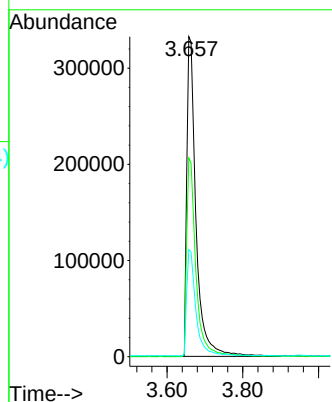
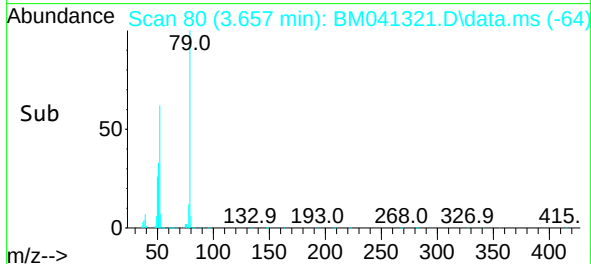
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



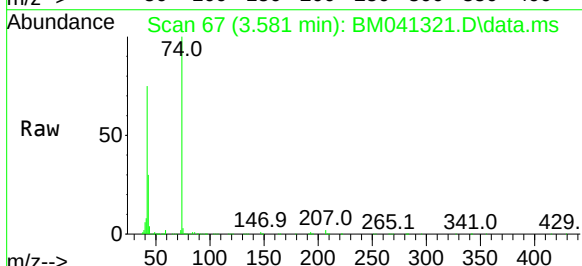
Tgt Ion: 79 Resp: 561728  
Ion Ratio Lower Upper  
79 100  
52 62.1 52.1 78.1  
51 33.4 27.5 41.3

Manual Integrations  
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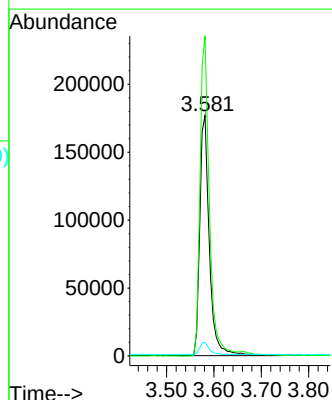
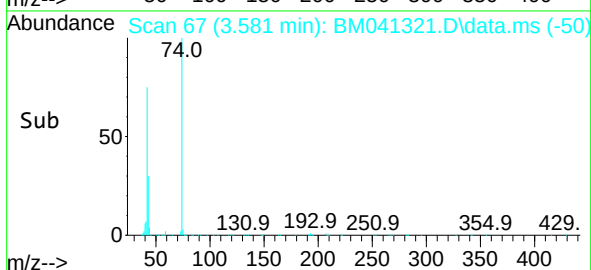
Reviewed By :Yogesh Patel 08/09/2023  
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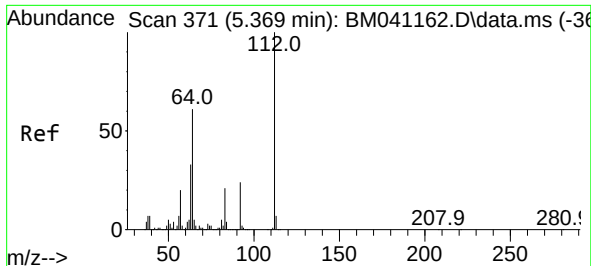


#4  
n-Nitrosodimethylamine  
Concen: 35.131 ng  
RT: 3.581 min Scan# 67  
Delta R.T. 0.000 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56



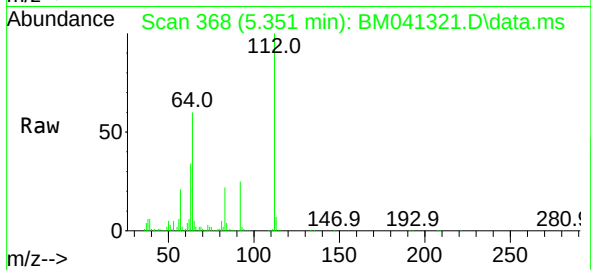
Tgt Ion: 42 Resp: 246325  
Ion Ratio Lower Upper  
42 100  
74 133.0 100.8 151.2  
44 5.7 5.0 7.4





#5  
2-Fluorophenol  
Concen: 72.866 ng  
RT: 5.351 min Scan# 30  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

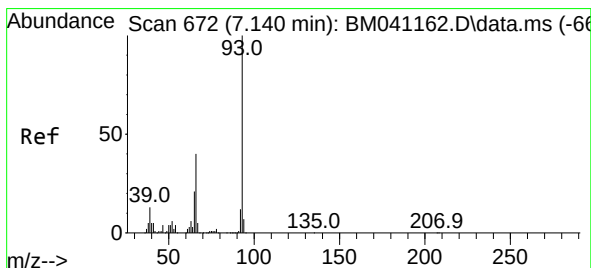
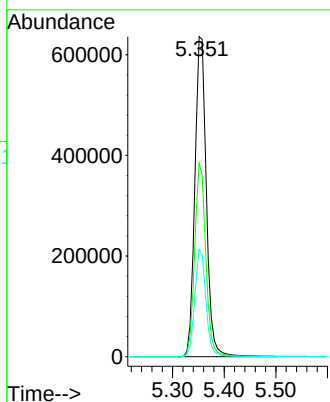
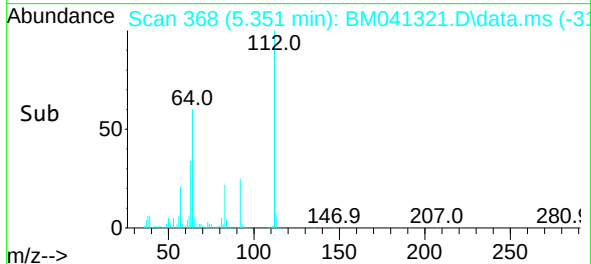
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



Tgt Ion:112 Resp: 982094  
Ion Ratio Lower Upper  
112 100  
64 60.5 48.5 72.7  
63 33.6 26.5 39.7

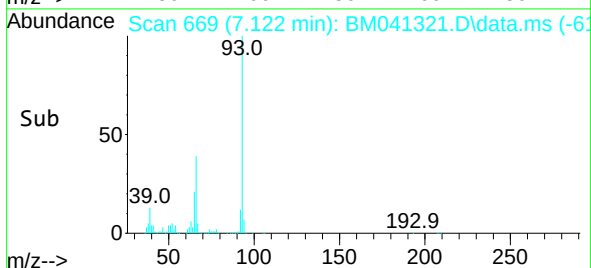
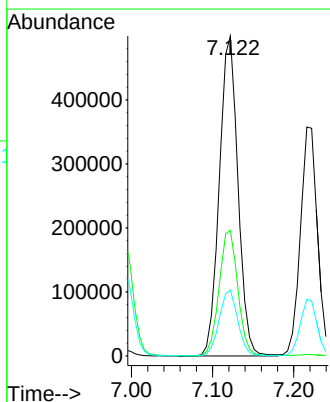
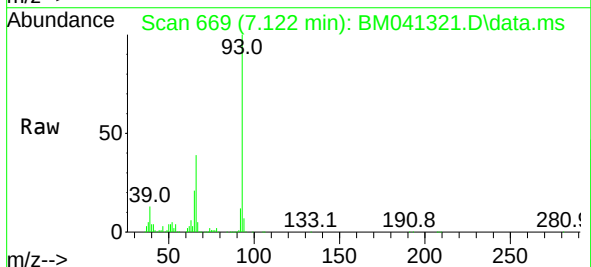
Manual Integrations  
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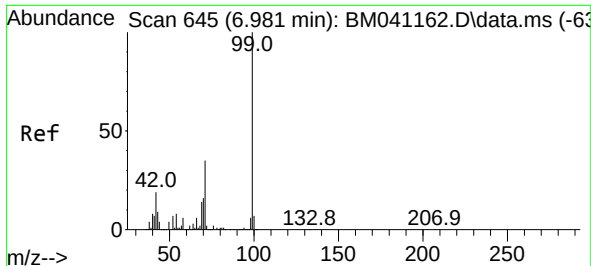
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/09/2023



#6  
Aniline  
Concen: 39.018 ng  
RT: 7.122 min Scan# 669  
Delta R.T. 0.000 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

Tgt Ion: 93 Resp: 797757  
Ion Ratio Lower Upper  
93 100  
66 39.2 32.0 48.0  
65 20.6 16.6 24.8





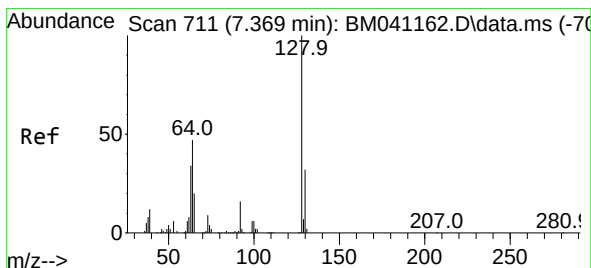
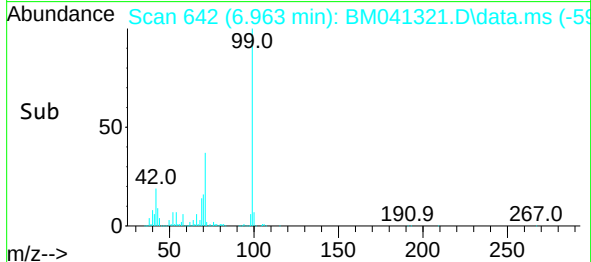
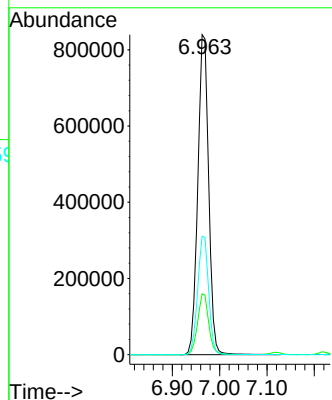
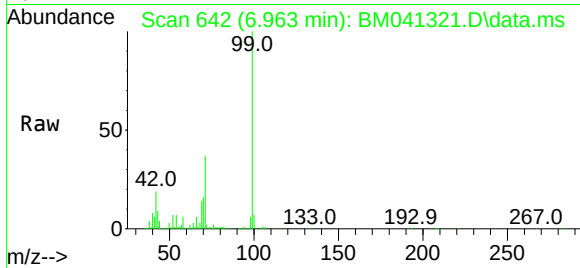
#7  
Phenol-d6  
Concen: 76.517 ng  
RT: 6.963 min Scan# 645  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 99 Resp: 133681  
Ion Ratio Lower Upper  
99 100  
42 19.0 15.4 23.0  
71 37.0 28.2 42.4

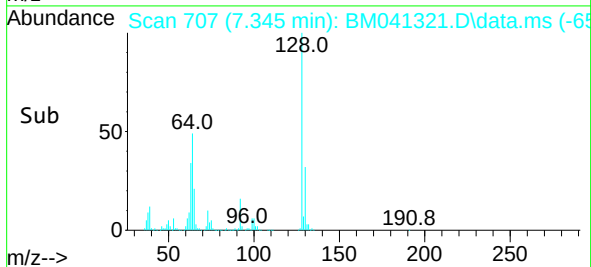
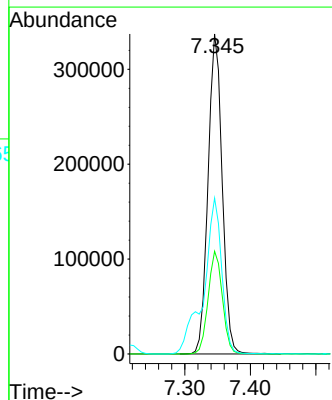
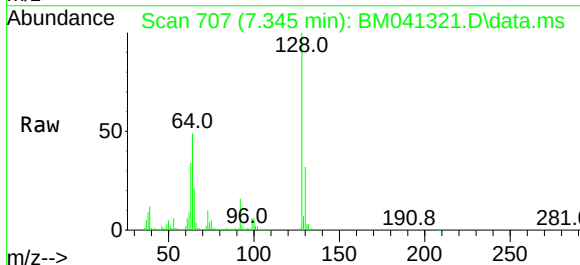
Manual Integrations  
APPROVED

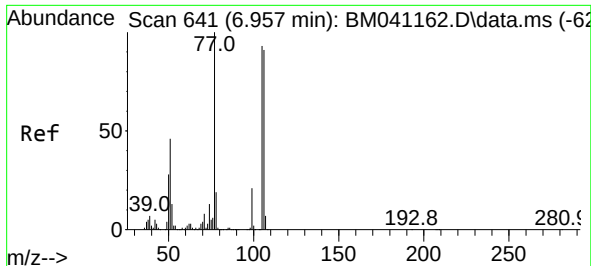
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/09/2023



#8  
2-Chlorophenol  
Concen: 38.450 ng  
RT: 7.345 min Scan# 707  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

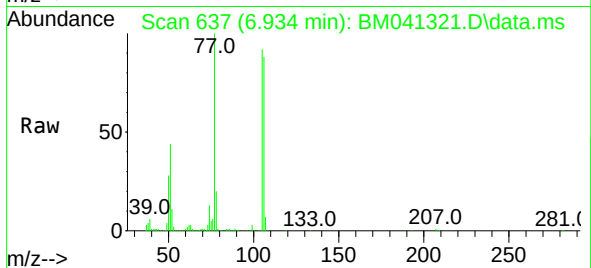
Tgt Ion:128 Resp: 505921  
Ion Ratio Lower Upper  
128 100  
130 32.1 12.3 52.3  
64 48.7 29.3 69.3





#9  
Benzaldehyde  
Concen: 37.409 ng m  
RT: 6.934 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

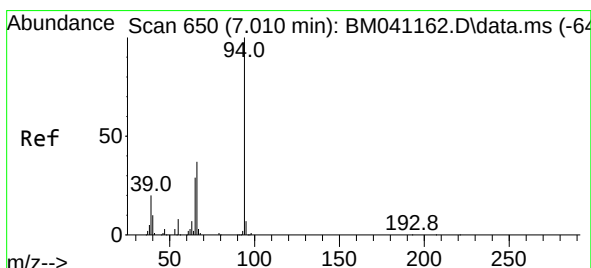
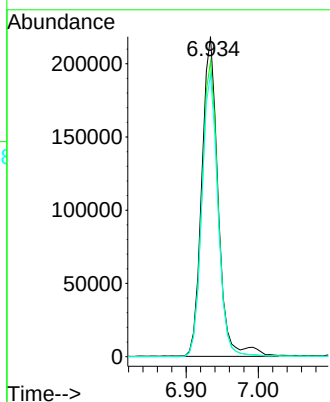
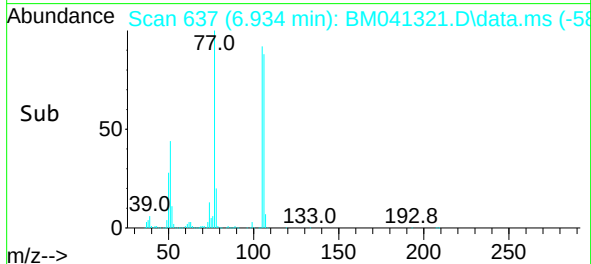
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 77 Resp: 344859  
Ion Ratio Lower Upper  
77 100  
105 92.3 72.8 112.8  
106 88.3 70.8 110.8

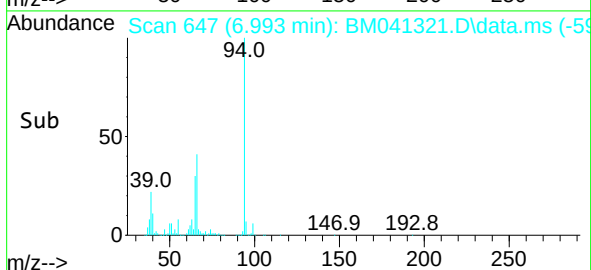
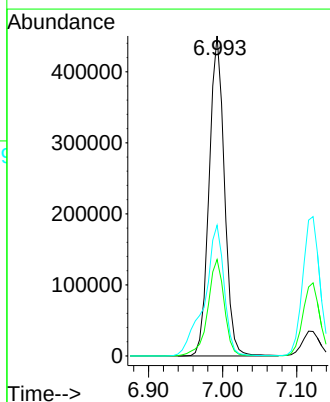
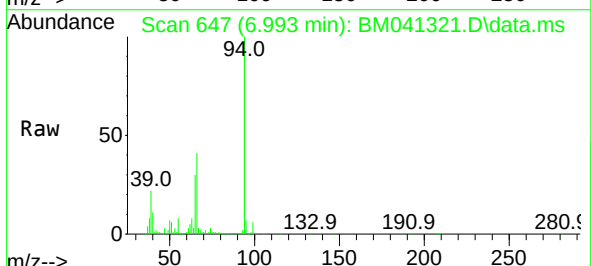
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/09/2023

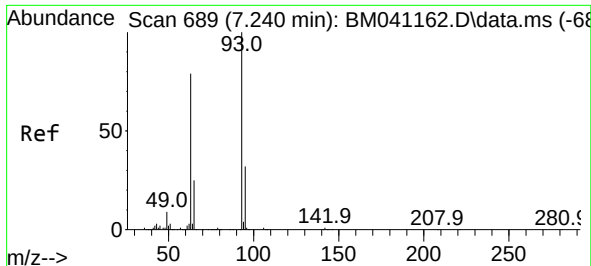


#10  
Phenol  
Concen: 38.261 ng  
RT: 6.993 min Scan# 647  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

Tgt Ion: 94 Resp: 645609  
Ion Ratio Lower Upper  
94 100  
65 30.1 9.5 49.5  
66 40.8 18.0 58.0

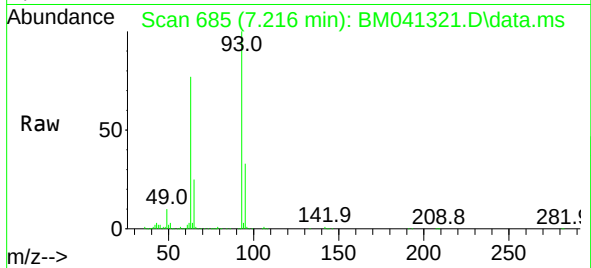






#11  
bis(2-Chloroethyl)ether  
Concen: 38.395 ng  
RT: 7.216 min Scan# 685  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

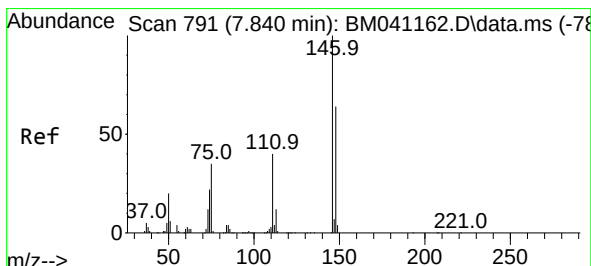
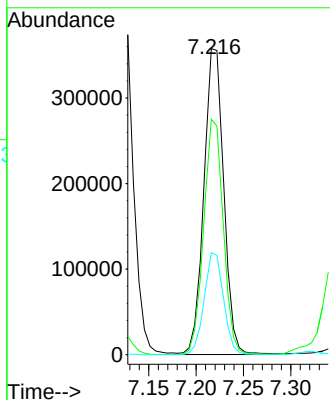
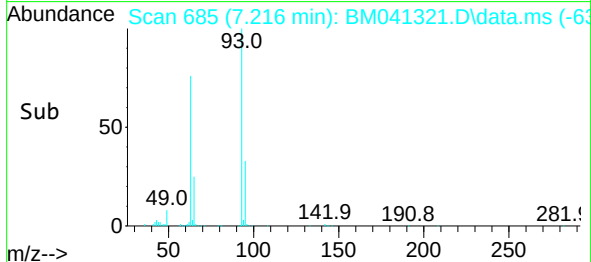
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 93 Resp: 524437  
Ion Ratio Lower Upper  
93 100  
63 76.9 58.8 98.8  
95 33.3 11.8 51.8

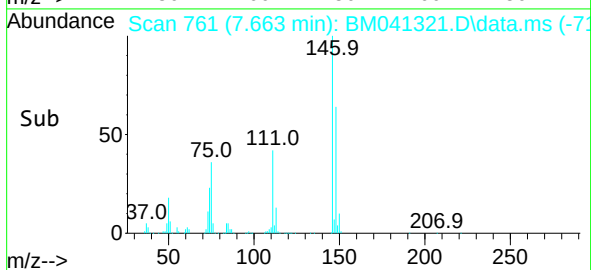
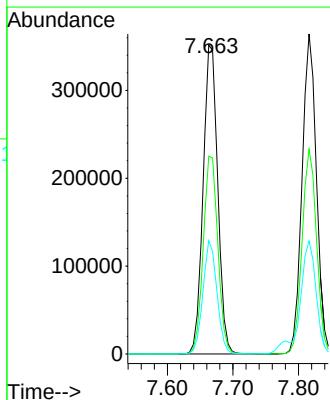
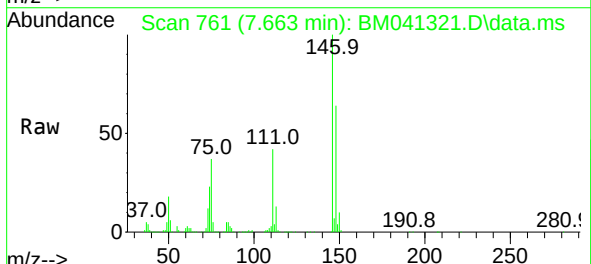
Manual Integrations  
APPROVED

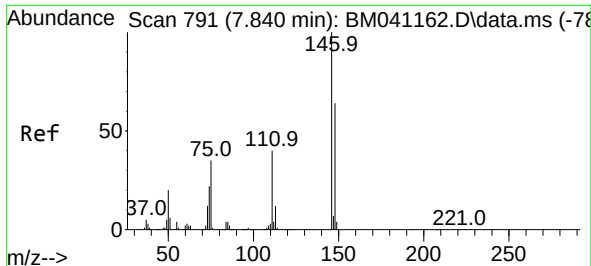
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/09/2023



#12  
1,3-Dichlorobenzene  
Concen: 38.131 ng  
RT: 7.663 min Scan# 761  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

Tgt Ion:146 Resp: 546131  
Ion Ratio Lower Upper  
146 100  
148 64.0 51.9 77.9  
75 36.7 28.3 42.5





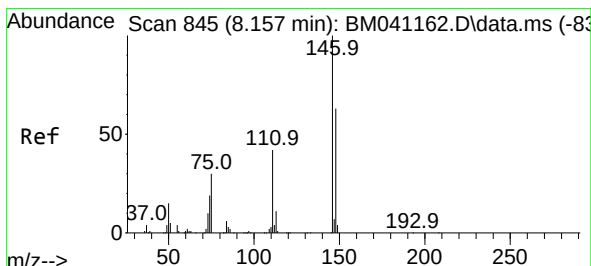
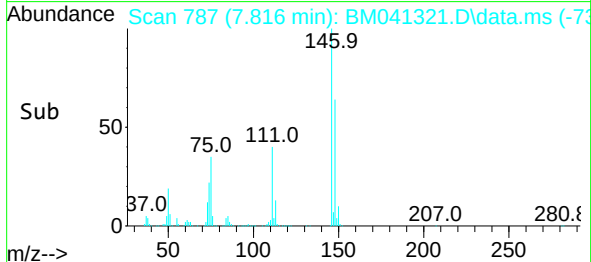
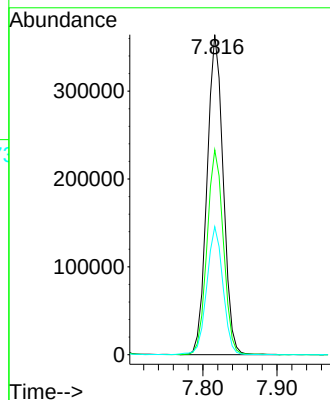
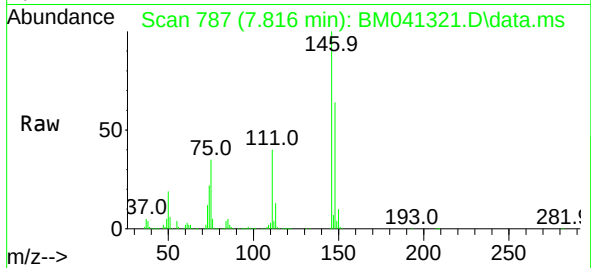
#13  
1,4-Dichlorobenzene  
Concen: 38.436 ng  
RT: 7.816 min Scan# 791  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tgt Ion:146 Resp: 553328  
Ion Ratio Lower Upper  
146 100  
148 64.0 51.4 77.0  
111 40.0 32.4 48.6

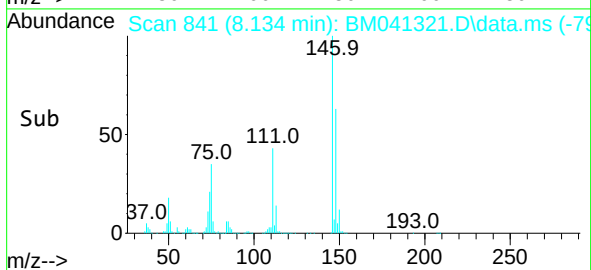
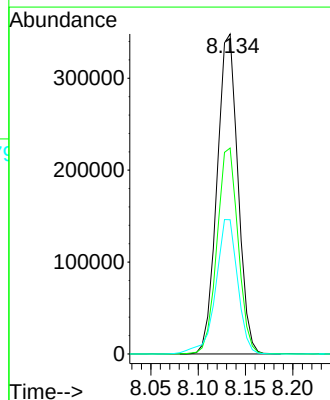
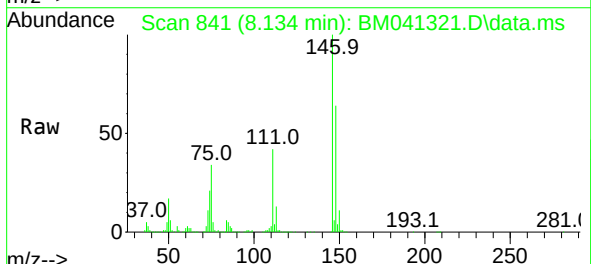
Manual Integrations  
APPROVED

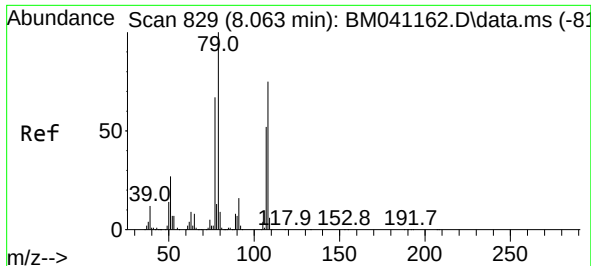
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/09/2023



#14  
1,2-Dichlorobenzene  
Concen: 38.698 ng  
RT: 8.134 min Scan# 841  
Delta R.T. 0.000 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

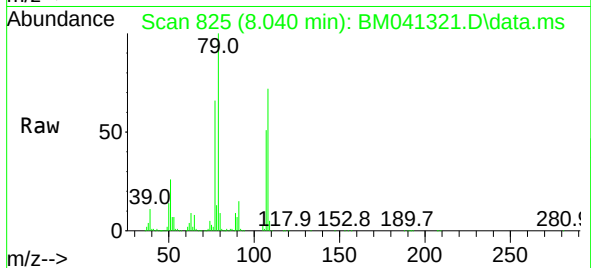
Tgt Ion:146 Resp: 534162  
Ion Ratio Lower Upper  
146 100  
148 64.4 50.9 76.3  
111 42.0 33.8 50.6





#15  
Benzyl Alcohol  
Concen: 43.655 ng  
RT: 8.040 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

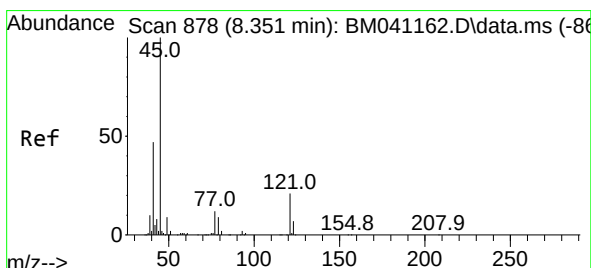
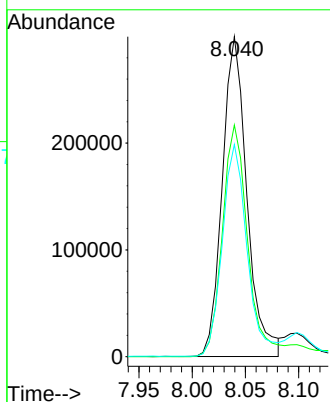
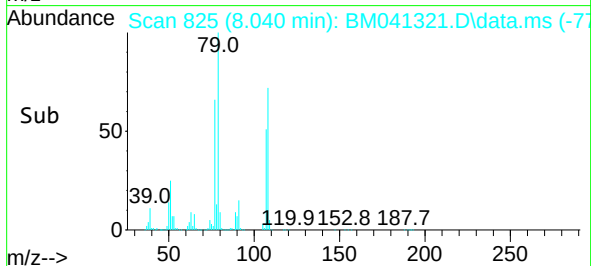
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



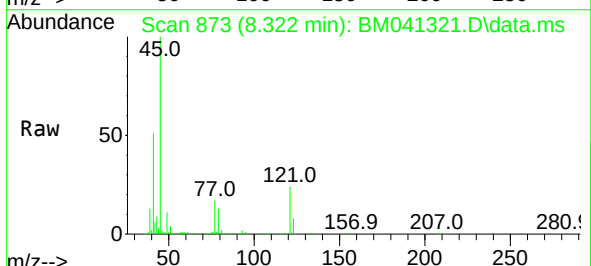
Tgt Ion: 79 Resp: 48164  
Ion Ratio Lower Upper  
79 100  
108 72.4 59.8 89.8  
77 66.3 53.8 80.6

Manual Integrations  
APPROVED

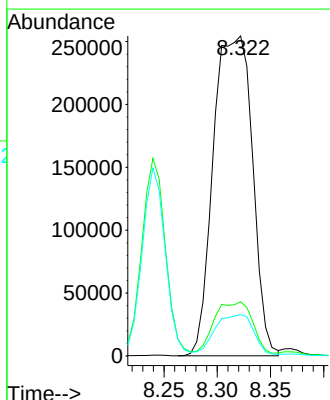
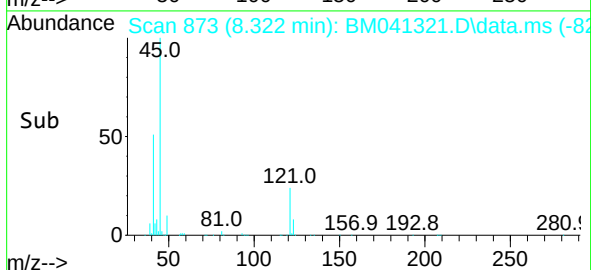
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/09/2023

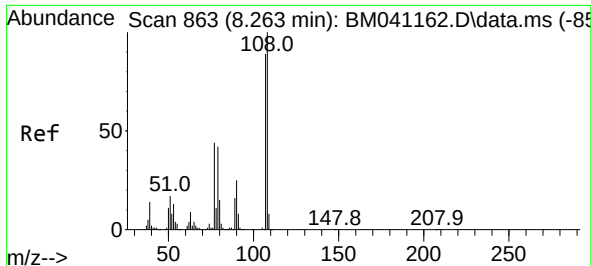


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 35.616 ng  
RT: 8.322 min Scan# 873  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56



Tgt Ion: 45 Resp: 648167  
Ion Ratio Lower Upper  
45 100  
77 17.0 0.0 34.5  
79 12.9 0.0 32.1





#17

2-Methylphenol

Concen: 40.555 ng

RT: 8.239 min Scan# 81

Delta R.T. -0.006 min

Lab File: BM041321.D

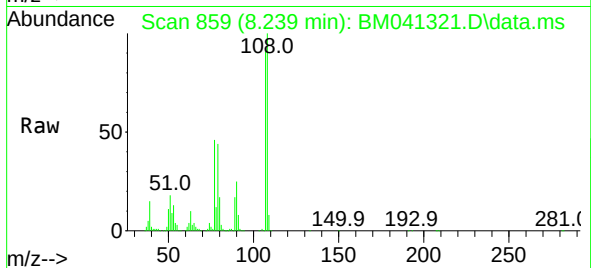
Acq: 08 Aug 2023 08:56

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040



Tgt Ion:107 Resp: 467520

Ion Ratio Lower Upper

107 100

108 110.3 89.9 134.9

77 51.1 39.8 59.8

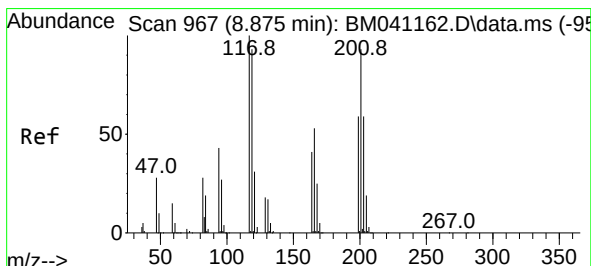
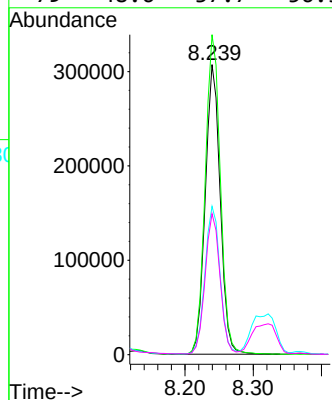
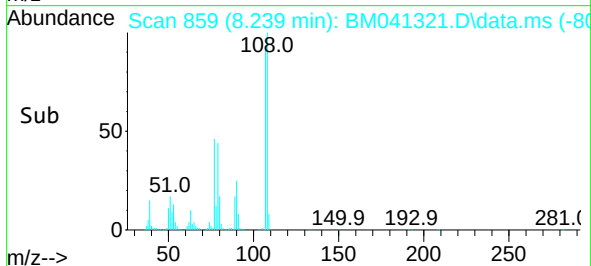
79 48.6 37.7 56.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#18

Hexachloroethane

Concen: 39.398 ng

RT: 8.851 min Scan# 963

Delta R.T. 0.000 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

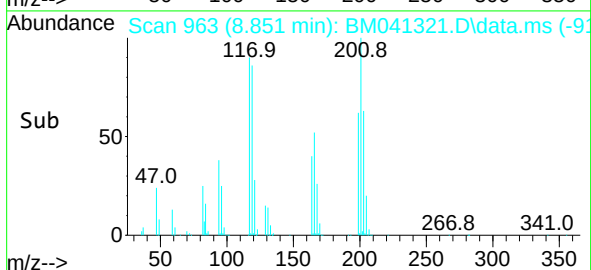
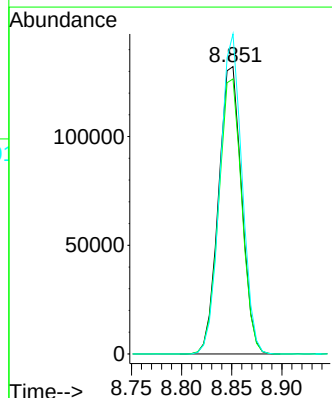
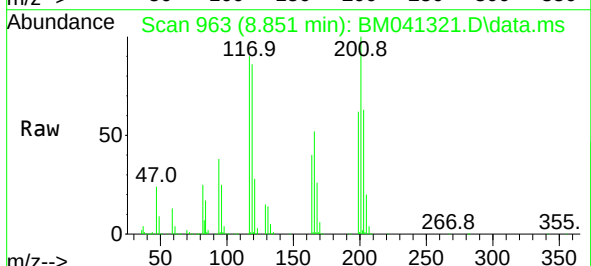
Tgt Ion:117 Resp: 211155

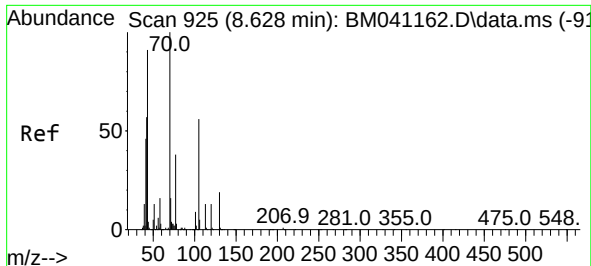
Ion Ratio Lower Upper

117 100

119 95.7 74.2 111.4

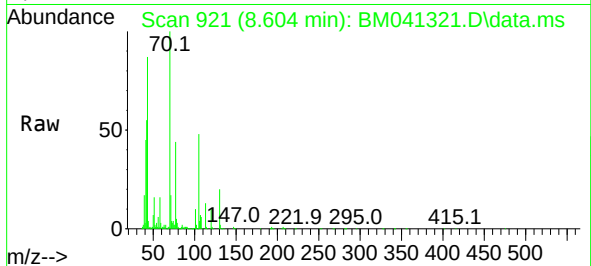
201 111.3 74.5 111.7





#19  
n-Nitroso-di-n-propylamine  
Concen: 42.646 ng  
RT: 8.604 min Scan# 916  
Delta R.T. 0.000 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

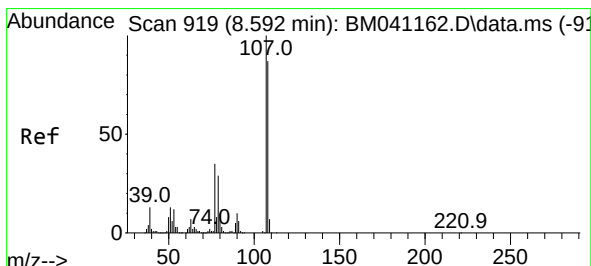
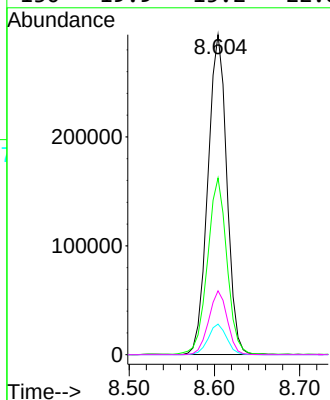
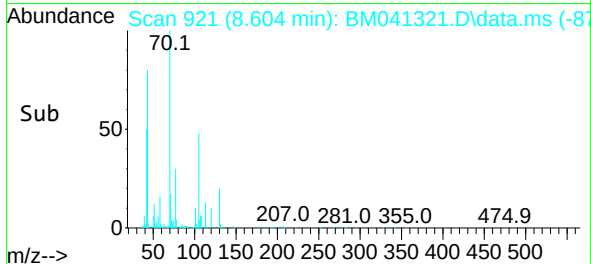
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



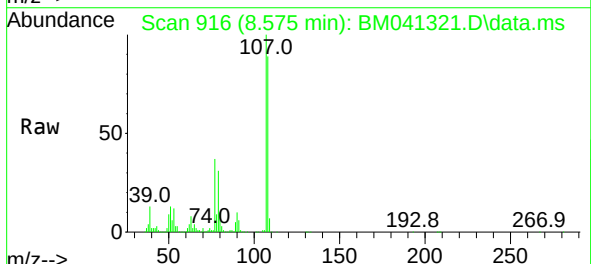
Tgt Ion: 70 Resp: 452544  
Ion Ratio Lower Upper  
70 100  
42 55.2 45.8 68.8  
101 9.6 7.4 11.0  
130 19.9 15.2 22.8

Manual Integrations  
APPROVED

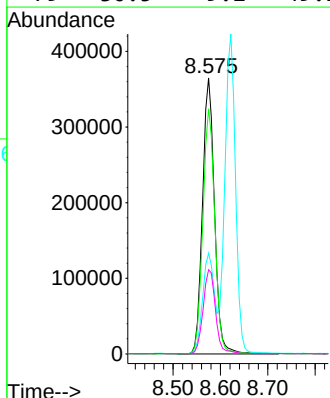
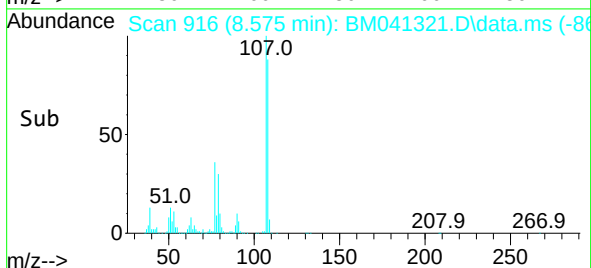
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/09/2023

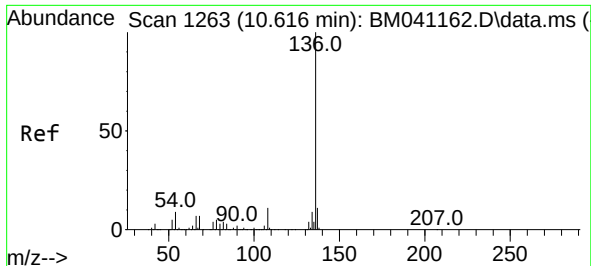


#20  
3+4-Methylphenols  
Concen: 41.657 ng  
RT: 8.575 min Scan# 916  
Delta R.T. 0.000 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56



Tgt Ion:107 Resp: 642094  
Ion Ratio Lower Upper  
107 100  
108 88.8 67.2 107.2  
77 36.5 15.4 55.4  
79 30.5 9.2 49.2





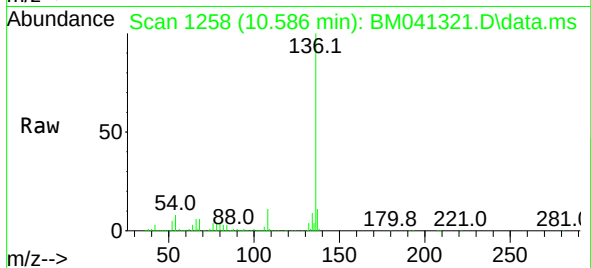
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.586 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040



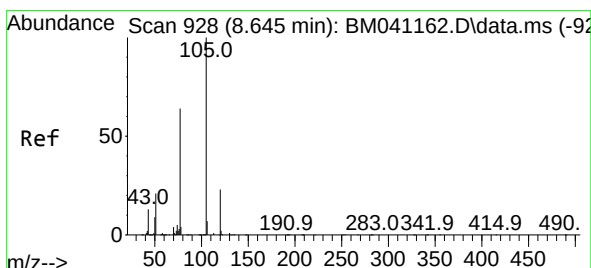
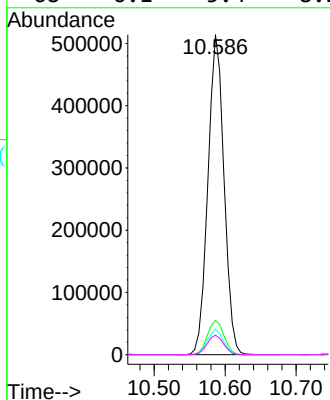
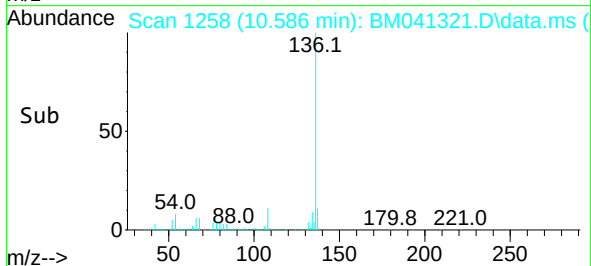
Tgt Ion:136 Resp: 809500  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.8 13.2  
54 7.9 6.9 10.3  
68 6.1 5.4 8.2

Manual Integrations

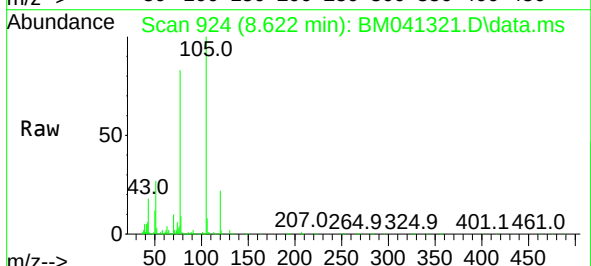
APPROVED

Reviewed By :Yogesh Patel 08/09/2023

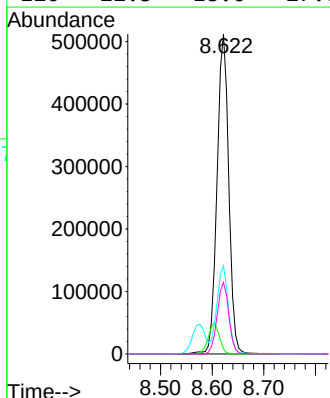
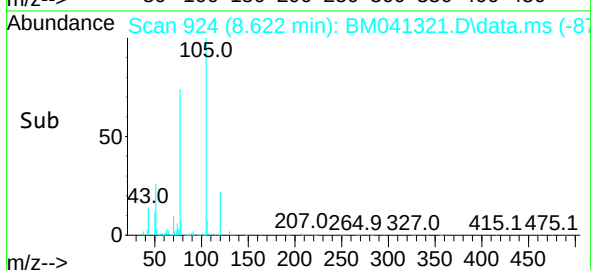
Supervised By :mohammad ahmed 08/09/2023

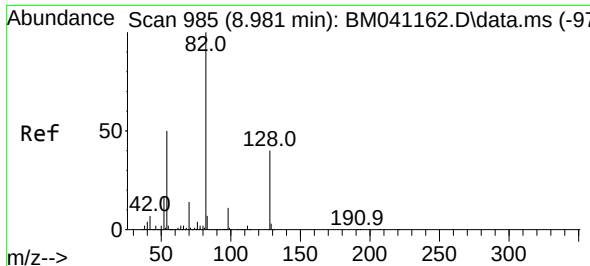


#22  
Acetophenone  
Concen: 37.602 ng  
RT: 8.622 min Scan# 924  
Delta R.T. 0.000 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56



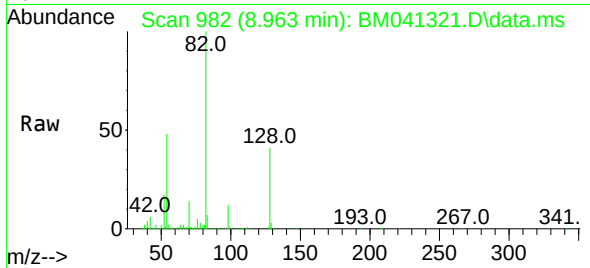
Tgt Ion:105 Resp: 806164  
Ion Ratio Lower Upper  
105 100  
71 1.6 1.2 1.8  
51 27.5 22.0 33.0  
120 22.3 18.0 27.0





#23  
Nitrobenzene-d5  
Concen: 75.043 ng  
RT: 8.963 min Scan# 982  
Delta R.T. 0.000 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

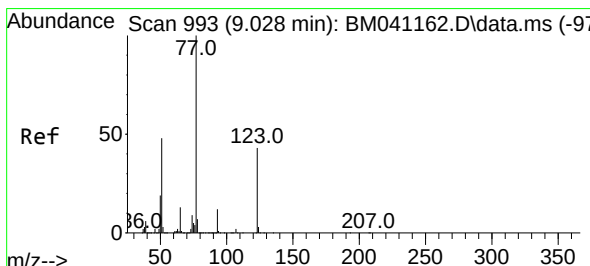
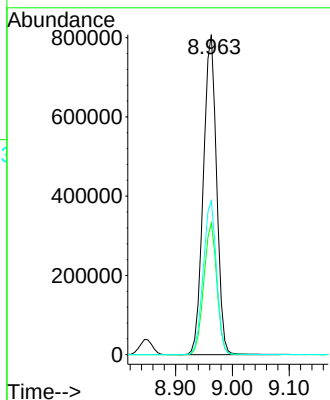
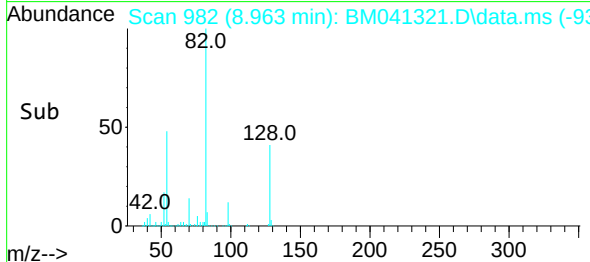
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



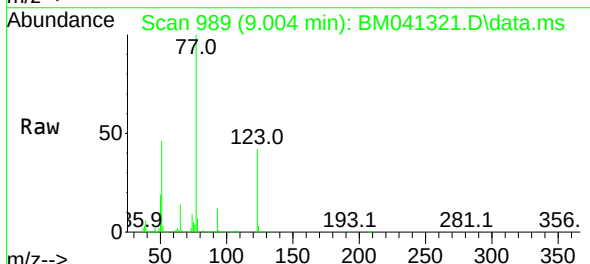
Tgt Ion: 82 Resp: 1306270  
Ion Ratio Lower Upper  
82 100  
128 41.1 31.8 47.6  
54 48.1 40.1 60.1

Manual Integrations  
APPROVED

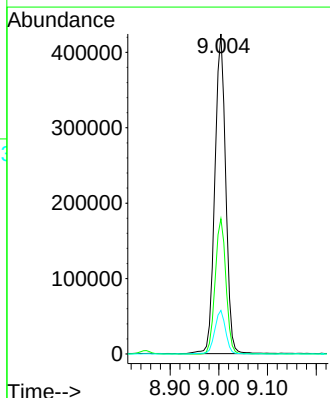
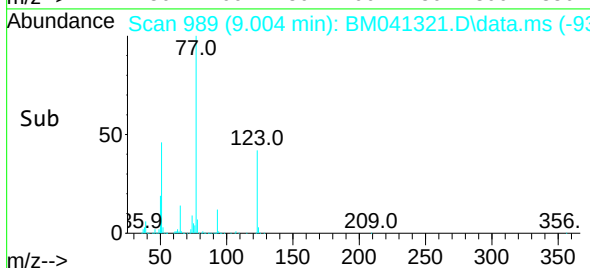
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/09/2023

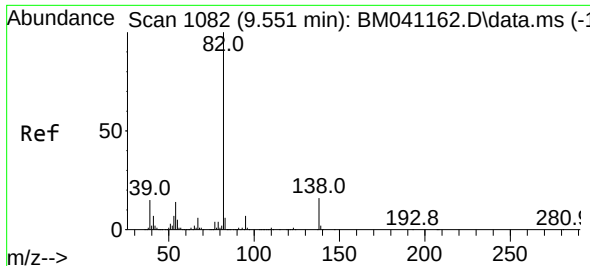


#24  
Nitrobenzene  
Concen: 37.175 ng  
RT: 9.004 min Scan# 989  
Delta R.T. 0.000 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56



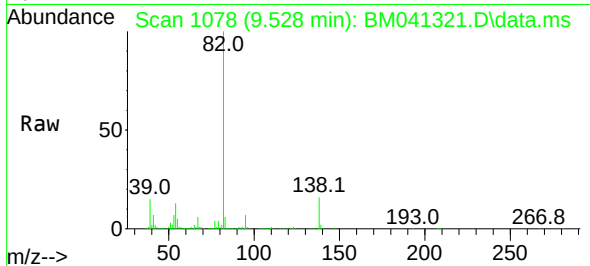
Tgt Ion: 77 Resp: 654408  
Ion Ratio Lower Upper  
77 100  
123 42.2 34.2 51.2  
65 13.6 10.7 16.1





#25  
Isophorone  
Concen: 40.629 ng  
RT: 9.528 min Scan# 1107  
Delta R.T. 0.000 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

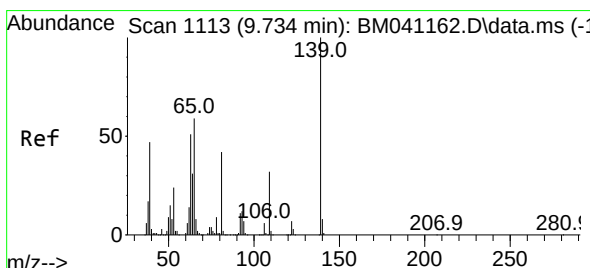
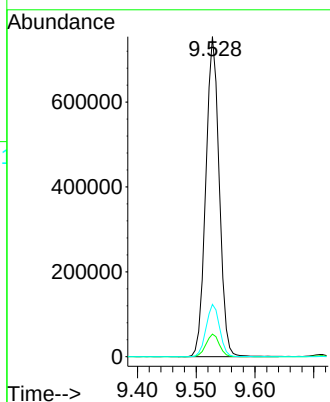
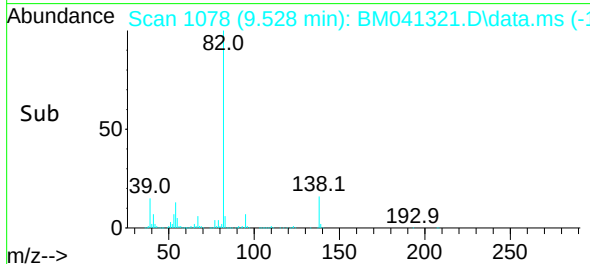
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



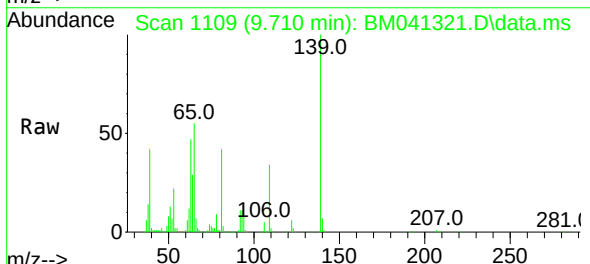
Tgt Ion: 82 Resp: 1200520  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.3 7.9  
138 16.3 12.8 19.2

Manual Integrations  
APPROVED

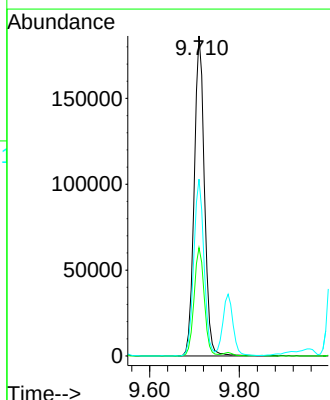
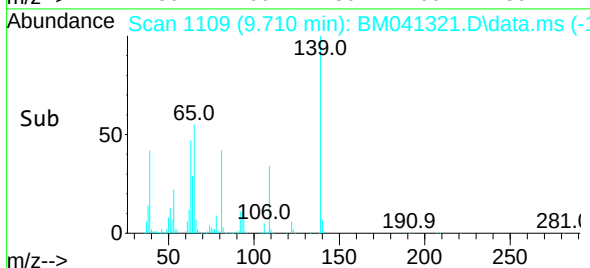
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/09/2023



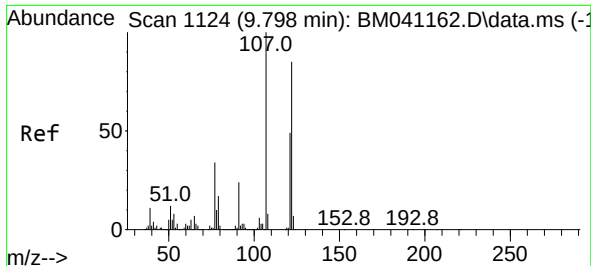
#26  
2-Nitrophenol  
Concen: 42.932 ng  
RT: 9.710 min Scan# 1109  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56



Tgt Ion:139 Resp: 295441  
Ion Ratio Lower Upper  
139 100  
109 33.9 25.4 38.2  
65 55.2 47.2 70.8







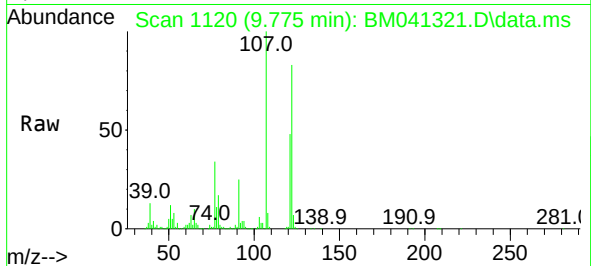
#27  
2,4-Dimethylphenol  
Concen: 38.944 ng  
RT: 9.775 min Scan# 1124  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040



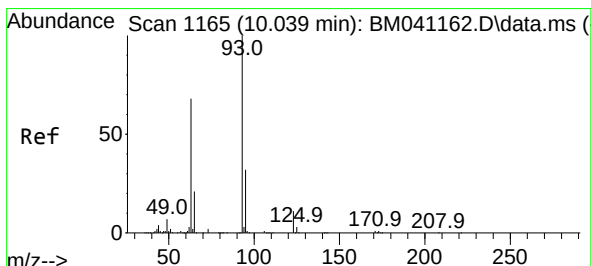
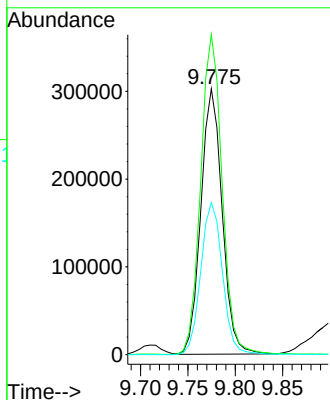
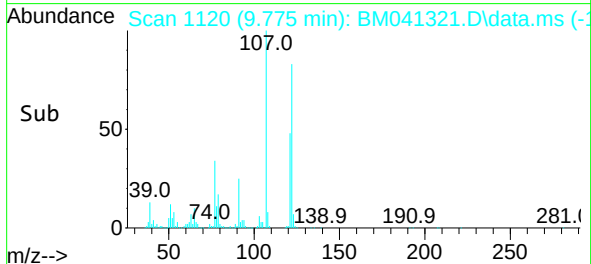
Tgt Ion:122 Resp: 47158  
Ion Ratio Lower Upper  
122 100  
107 120.3 94.3 141.5  
121 57.2 45.8 68.8

Manual Integrations

APPROVED

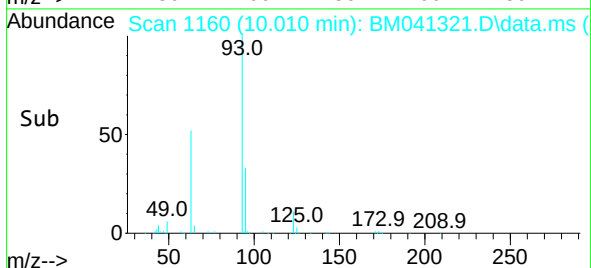
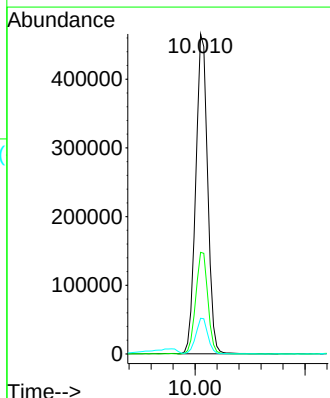
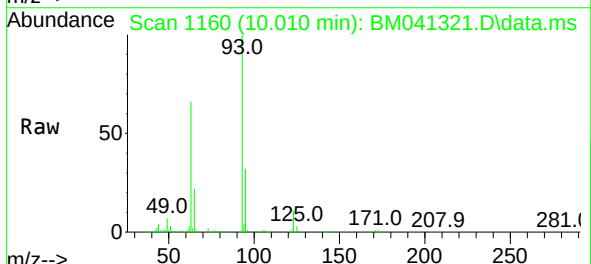
Reviewed By :Yogesh Patel 08/09/2023

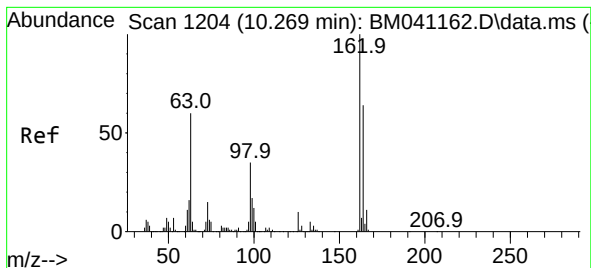
Supervised By :mohammad ahmed 08/09/2023



#28  
bis(2-Chloroethoxy)methane  
Concen: 37.708 ng  
RT: 10.010 min Scan# 1160  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

Tgt Ion: 93 Resp: 697955  
Ion Ratio Lower Upper  
93 100  
95 31.8 25.9 38.9  
123 11.2 9.1 13.7





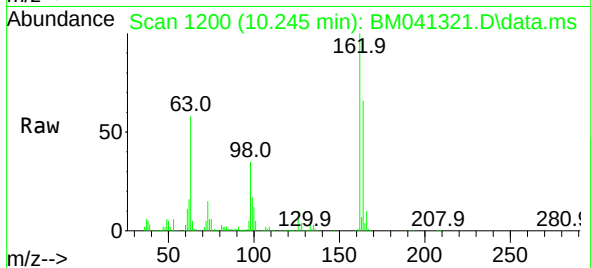
#29  
2,4-Dichlorophenol  
Concen: 41.228 ng  
RT: 10.245 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

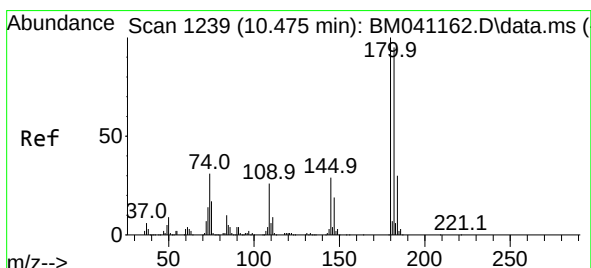
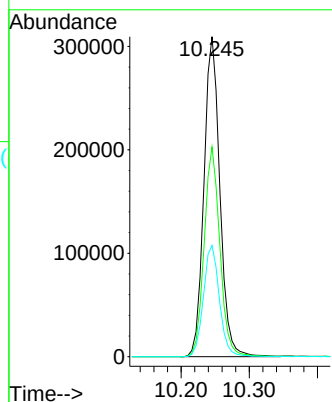
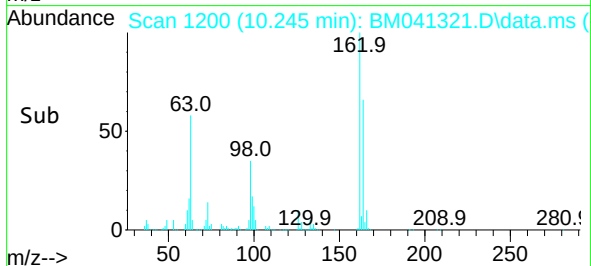


Tgt Ion:162 Resp: 503460  
Ion Ratio Lower Upper  
162 100  
164 65.5 44.3 84.3  
98 34.8 15.1 55.1

Manual Integrations

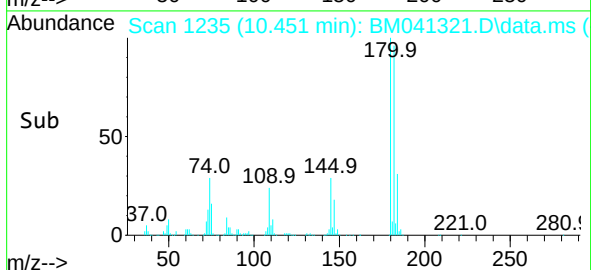
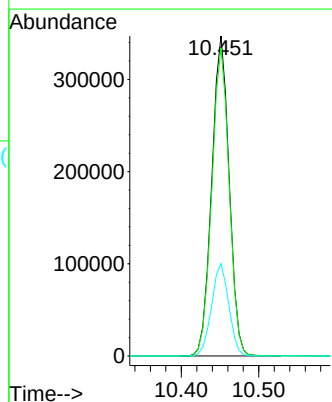
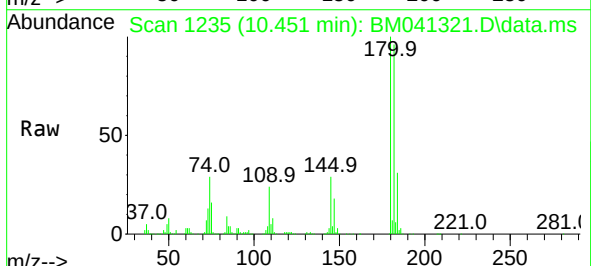
APPROVED

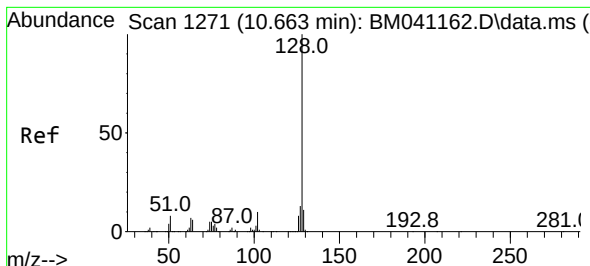
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/09/2023



#30  
1,2,4-Trichlorobenzene  
Concen: 40.119 ng  
RT: 10.451 min Scan# 1235  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

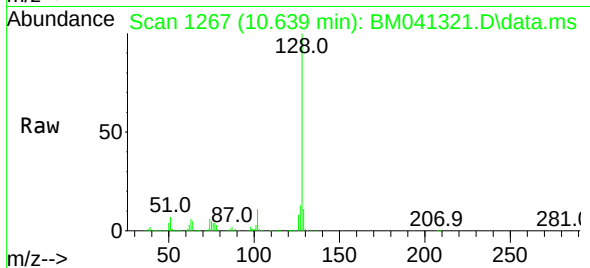
Tgt Ion:180 Resp: 541277  
Ion Ratio Lower Upper  
180 100  
182 96.3 75.9 113.9  
145 28.8 23.6 35.4





#31  
Naphthalene  
Concen: 36.883 ng  
RT: 10.639 min Scan# 1267  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

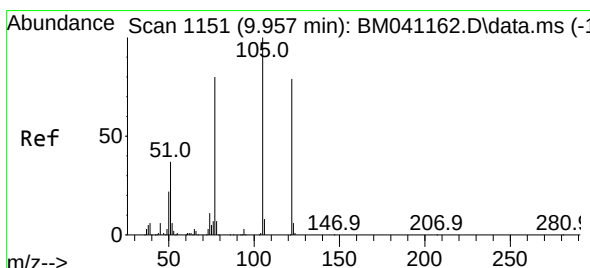
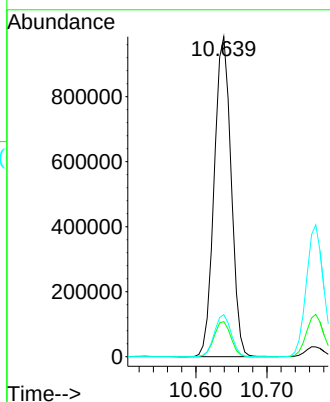
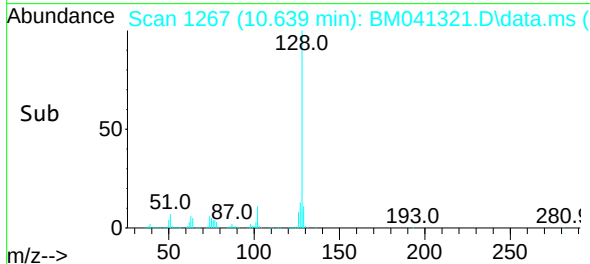
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



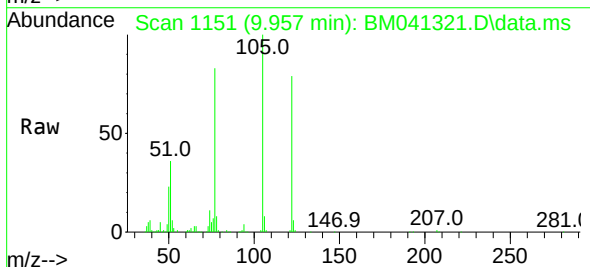
Tgt Ion:128 Resp: 1620190  
Ion Ratio Lower Upper  
128 100  
129 11.0 9.0 13.4  
127 13.1 10.5 15.7

Manual Integrations  
APPROVED

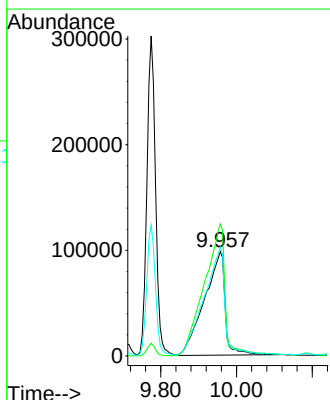
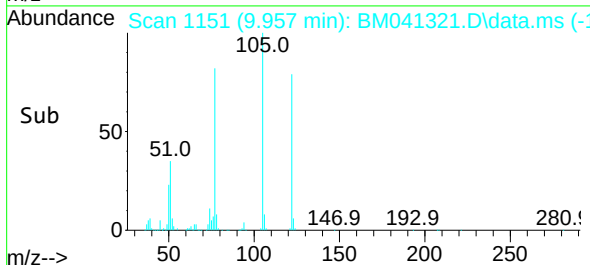
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/09/2023

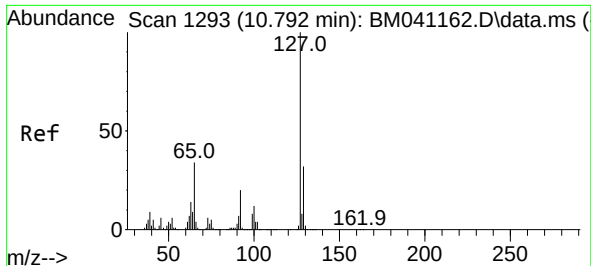


#32  
Benzoic acid  
Concen: 41.880 ng  
RT: 9.957 min Scan# 1151  
Delta R.T. 0.000 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56



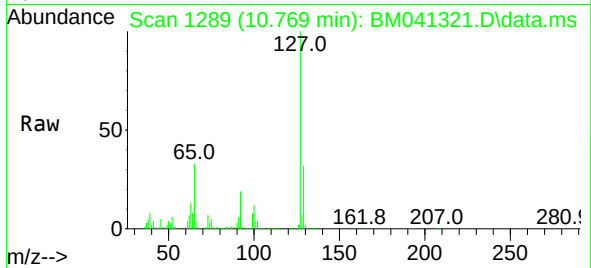
Tgt Ion:122 Resp: 371139  
Ion Ratio Lower Upper  
122 100  
105 126.5 104.0 144.0  
77 104.4 79.9 119.9





#33  
4-Chloroaniline  
Concen: 39.868 ng  
RT: 10.769 min Scan# 1289  
Delta R.T. 0.000 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

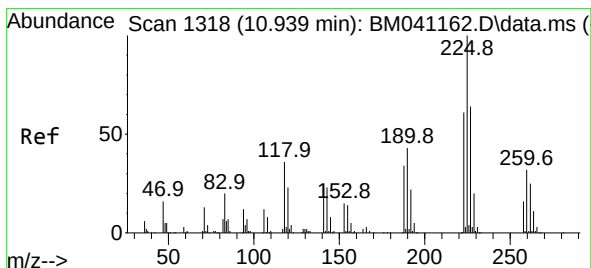
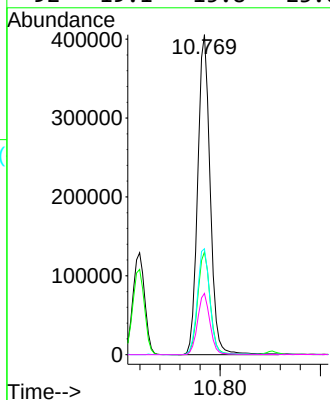
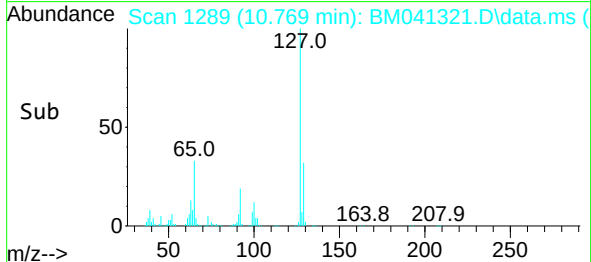
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



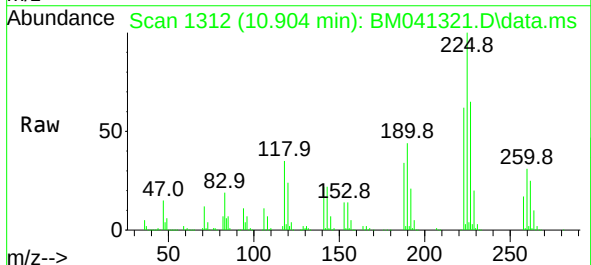
Tgt Ion:127 Resp: 699898  
Ion Ratio Lower Upper  
127 100  
129 32.1 25.9 38.9  
65 33.1 26.9 40.3  
92 19.1 15.8 23.6

Manual Integrations  
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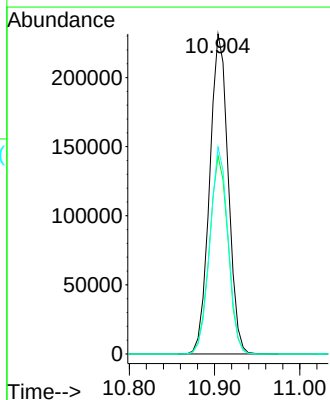
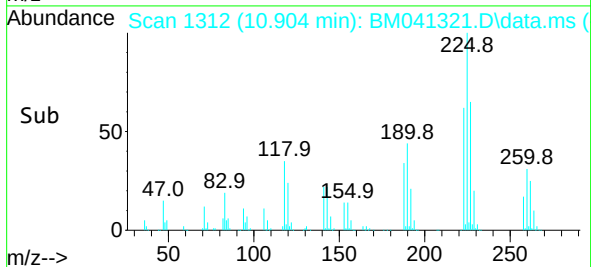
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/09/2023

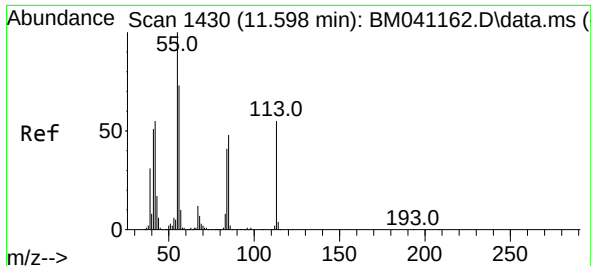


#34  
Hexachlorobutadiene  
Concen: 43.145 ng  
RT: 10.904 min Scan# 1312  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56



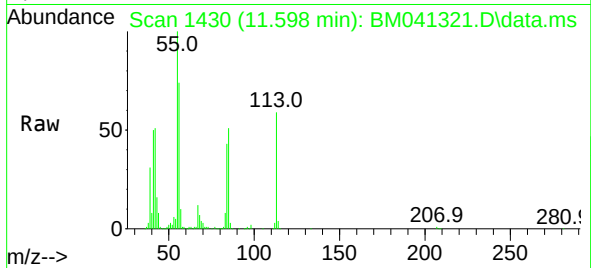
Tgt Ion:225 Resp: 350100  
Ion Ratio Lower Upper  
225 100  
223 62.0 49.0 73.4  
227 64.6 50.8 76.2





#35  
Caprolactam  
Concen: 42.442 ng  
RT: 11.598 min Scan# 1430  
Delta R.T. 0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

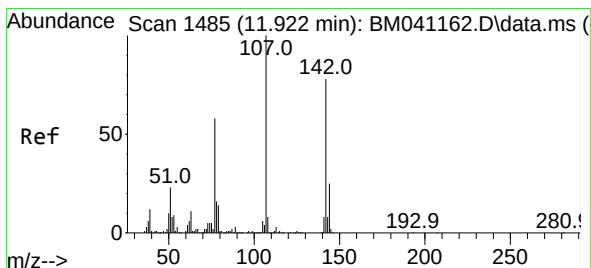
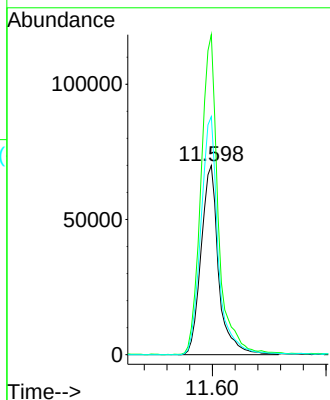
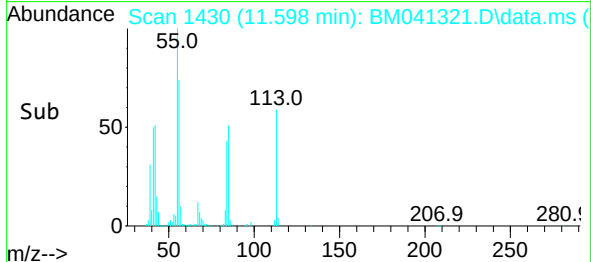
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



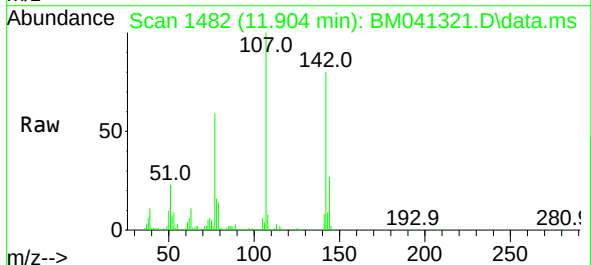
Tgt Ion:113 Resp: 149929  
Ion Ratio Lower Upper  
113 100  
55 169.2 162.5 202.5  
56 125.8 114.1 154.1

Manual Integrations  
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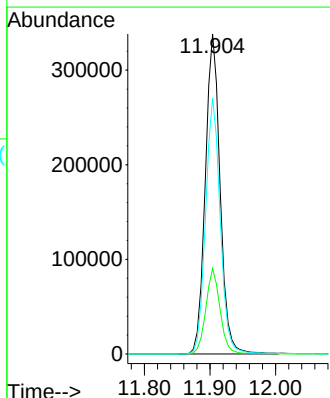
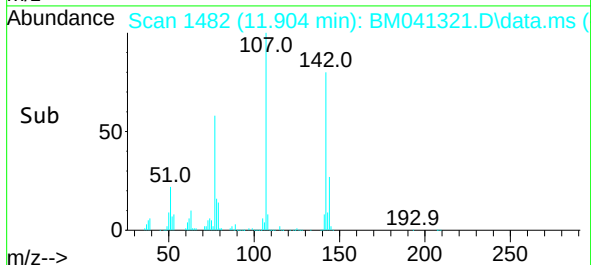
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/09/2023

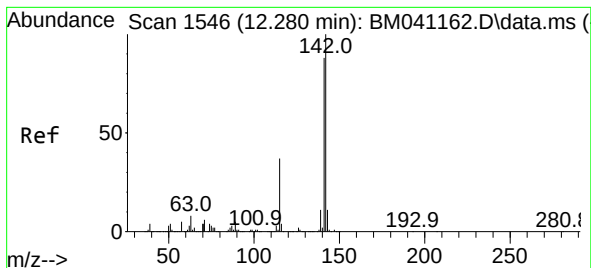


#36  
4-Chloro-3-methylphenol  
Concen: 41.416 ng  
RT: 11.904 min Scan# 1482  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56



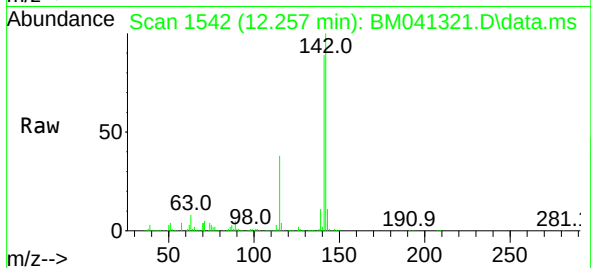
Tgt Ion:107 Resp: 532317  
Ion Ratio Lower Upper  
107 100  
144 26.7 20.1 30.1  
142 80.0 62.2 93.4





#37  
2-Methylnaphthalene  
Concen: 39.854 ng  
RT: 12.257 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

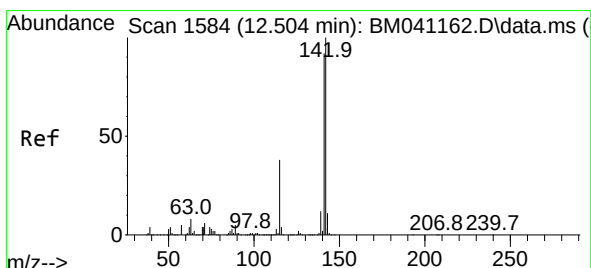
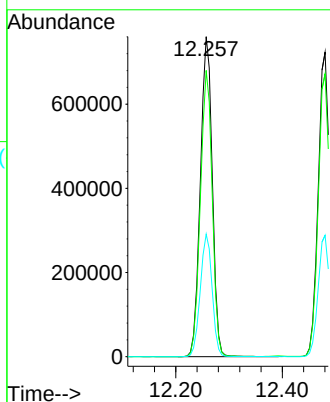
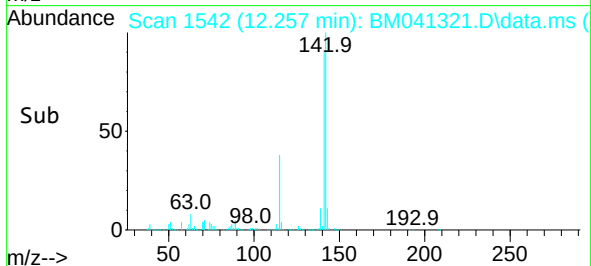
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



Tgt Ion:142 Resp: 118029  
Ion Ratio Lower Upper  
142 100  
141 89.4 70.7 106.1  
115 38.3 29.3 43.9

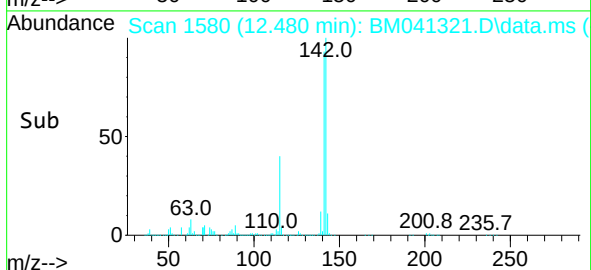
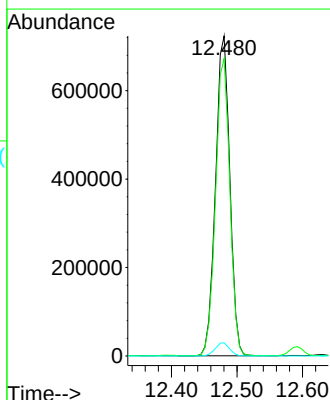
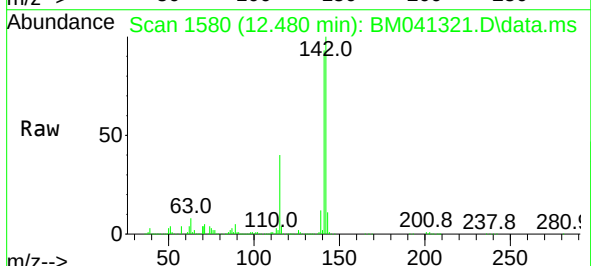
Manual Integrations  
APPROVED

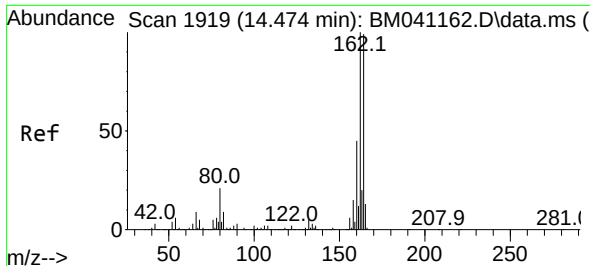
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/09/2023



#38  
1-Methylnaphthalene  
Concen: 39.346 ng  
RT: 12.480 min Scan# 1580  
Delta R.T. 0.000 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

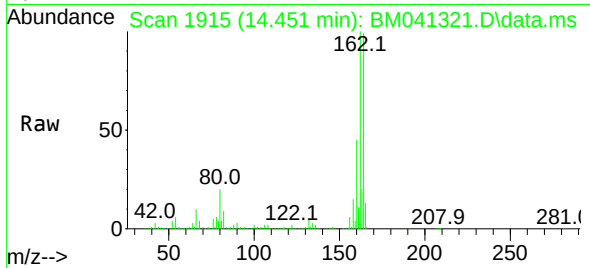
Tgt Ion:142 Resp: 1090623  
Ion Ratio Lower Upper  
142 100  
141 92.9 73.4 110.2  
116 4.1 3.2 4.8





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.451 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

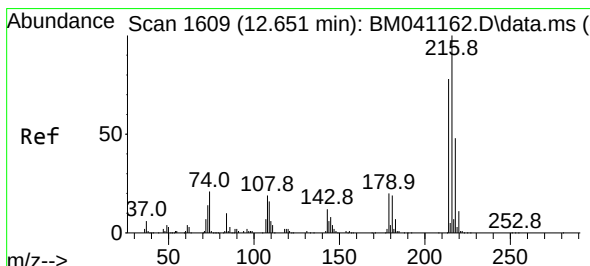
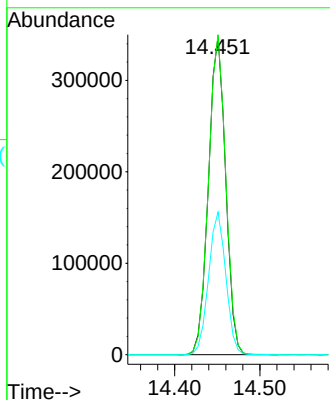
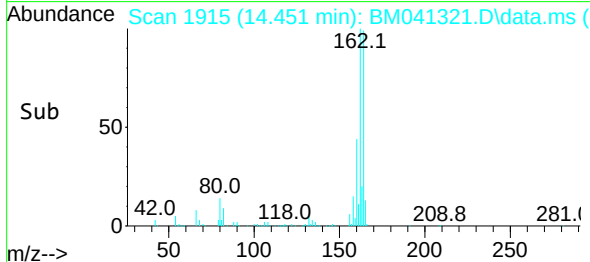
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



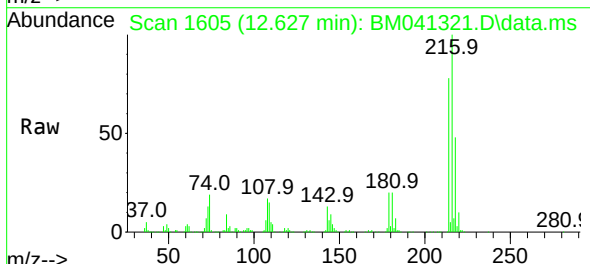
Tgt Ion:164 Resp: 486925  
Ion Ratio Lower Upper  
164 100  
162 100.6 80.4 120.6  
160 44.8 36.2 54.2

Manual Integrations  
APPROVED

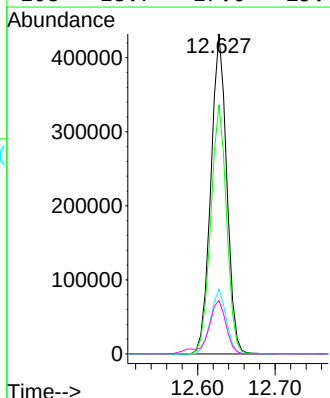
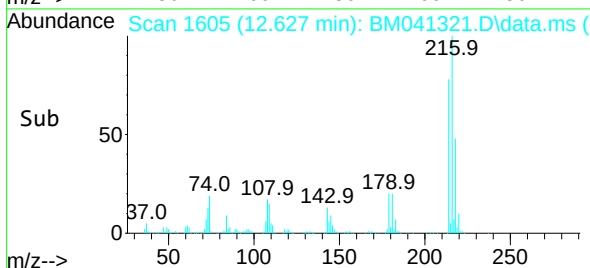
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/09/2023

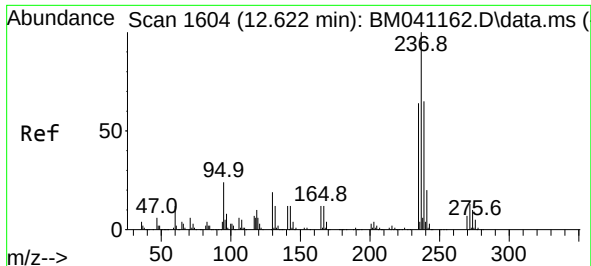


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.863 ng  
RT: 12.627 min Scan# 1605  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56



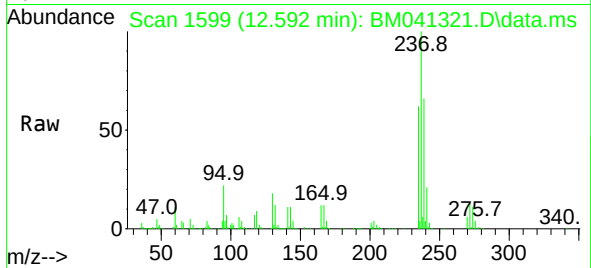
Tgt Ion:216 Resp: 614466  
Ion Ratio Lower Upper  
216 100  
214 77.9 63.2 94.8  
179 20.1 16.2 24.2  
108 18.7 17.0 25.4





#41  
Hexachlorocyclopentadiene  
Concen: 31.815 ng  
RT: 12.592 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

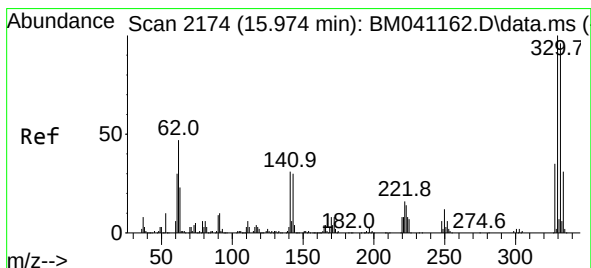
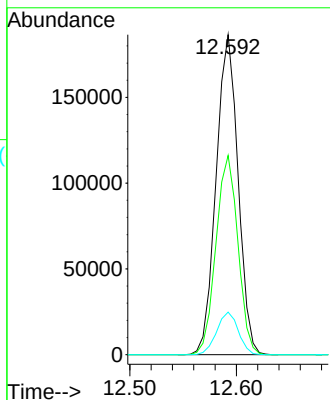
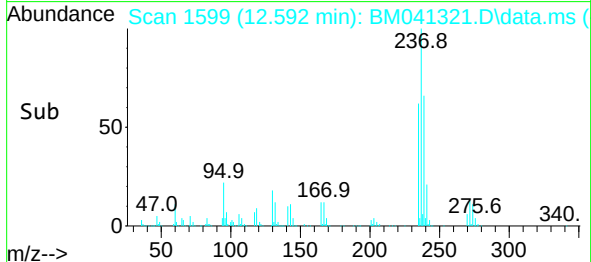
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



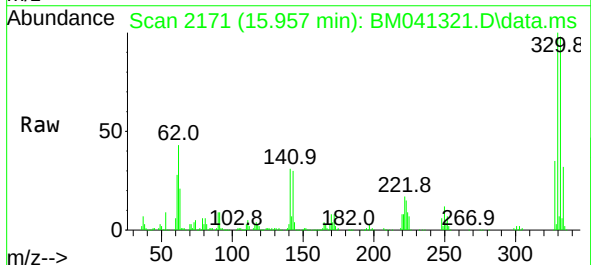
Tgt Ion:237 Resp: 266120  
Ion Ratio Lower Upper  
237 100  
235 62.2 43.6 83.6  
272 13.3 0.0 33.3

Manual Integrations  
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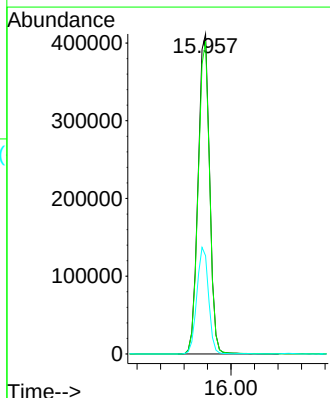
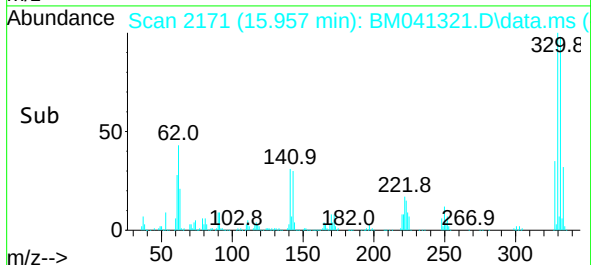
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/09/2023



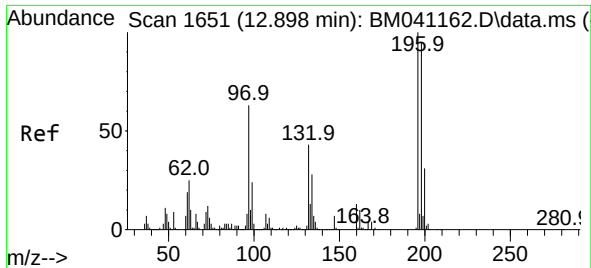
#42  
2,4,6-Tribromophenol  
Concen: 81.260 ng  
RT: 15.957 min Scan# 2171  
Delta R.T. 0.000 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56



Tgt Ion:330 Resp: 559665  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.7 116.5  
141 33.7 28.3 42.5

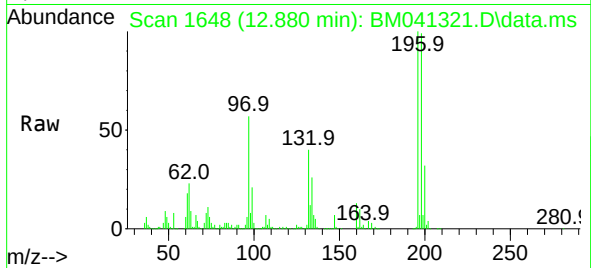






#43  
2,4,6-Trichlorophenol  
Concen: 41.213 ng  
RT: 12.880 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

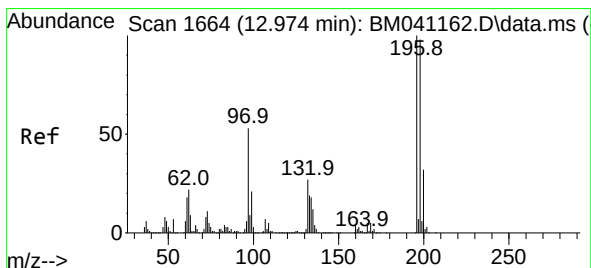
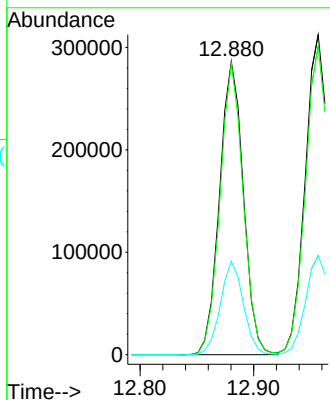
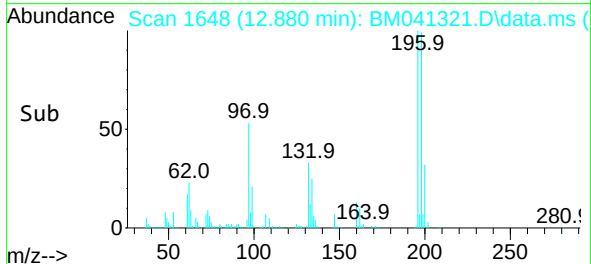
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



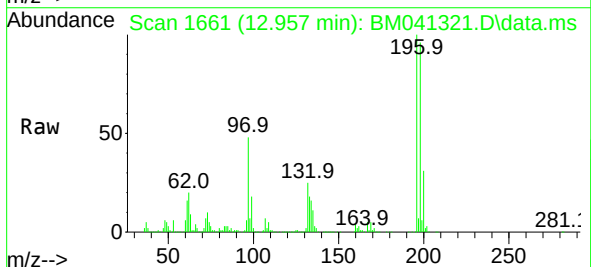
Tgt Ion:196 Resp: 41764  
Ion Ratio Lower Upper  
196 100  
198 99.3 76.2 114.4  
200 31.9 24.6 36.8

Manual Integrations  
APPROVED

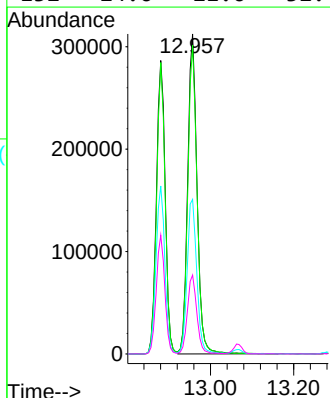
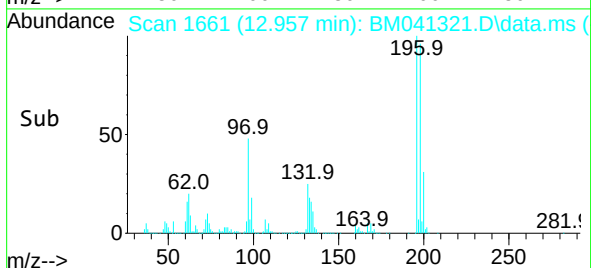
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/09/2023

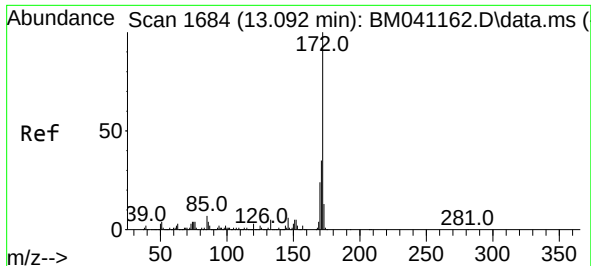


#44  
2,4,5-Trichlorophenol  
Concen: 41.598 ng  
RT: 12.957 min Scan# 1661  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56



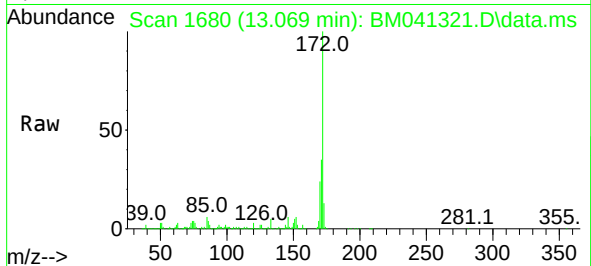
Tgt Ion:196 Resp: 487917  
Ion Ratio Lower Upper  
196 100  
198 96.4 78.2 117.4  
97 48.3 42.7 64.1  
132 24.6 21.6 32.4





#45  
2-Fluorobiphenyl  
Concen: 74.283 ng  
RT: 13.069 min Scan# 1716  
Delta R.T. 0.000 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

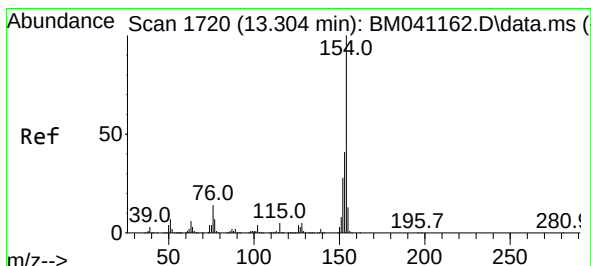
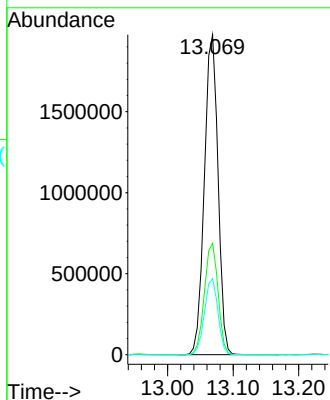
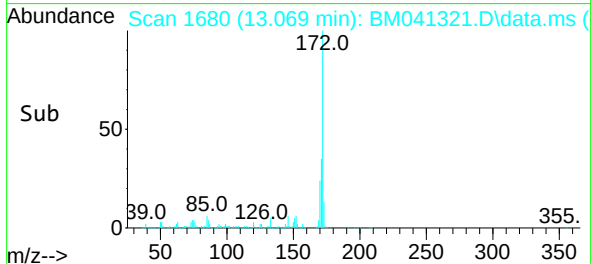
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



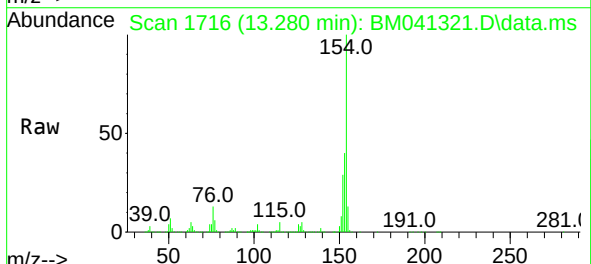
Tgt Ion:172 Resp: 286328  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.1 42.1  
170 23.7 18.9 28.3

Manual Integrations  
APPROVED

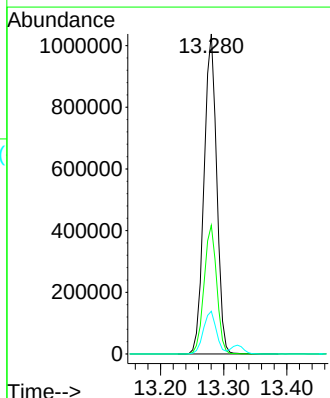
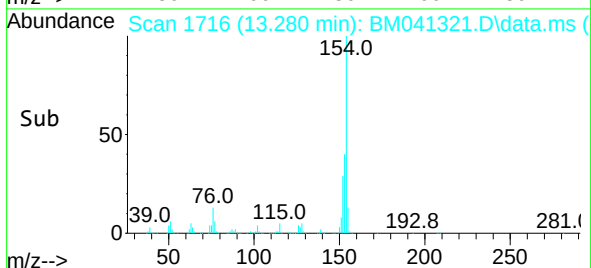
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/09/2023

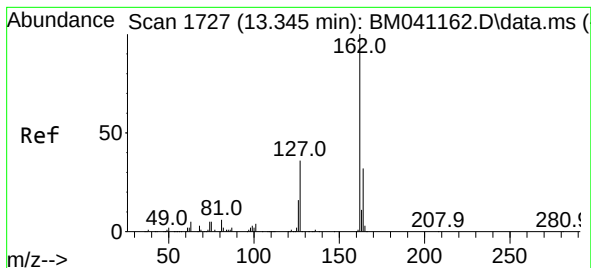


#46  
1,1'-Biphenyl  
Concen: 36.642 ng  
RT: 13.280 min Scan# 1716  
Delta R.T. 0.000 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56



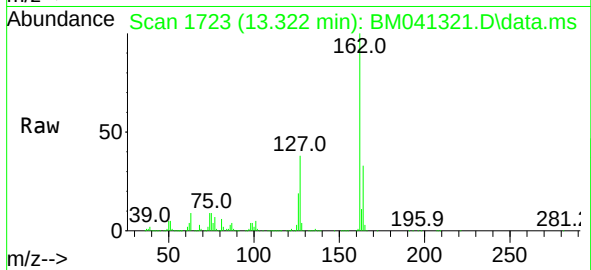
Tgt Ion:154 Resp: 1446430  
Ion Ratio Lower Upper  
154 100  
153 40.2 20.5 60.5  
76 13.3 0.0 34.1





#47  
2-Chloronaphthalene  
Concen: 37.625 ng  
RT: 13.322 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

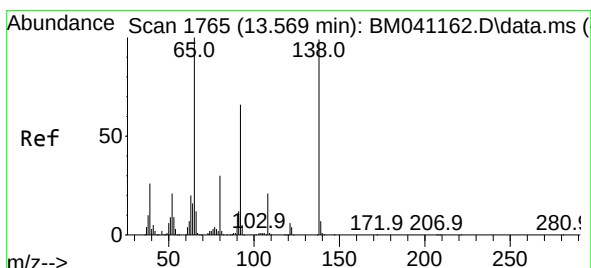
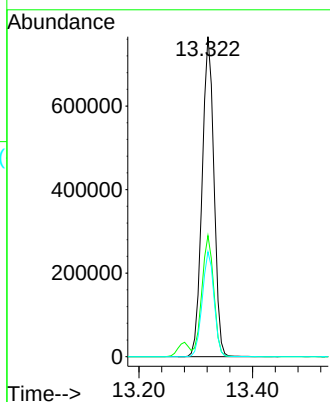
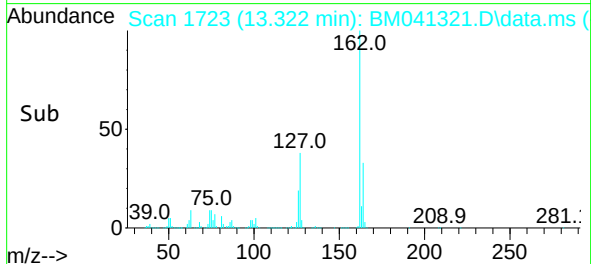
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



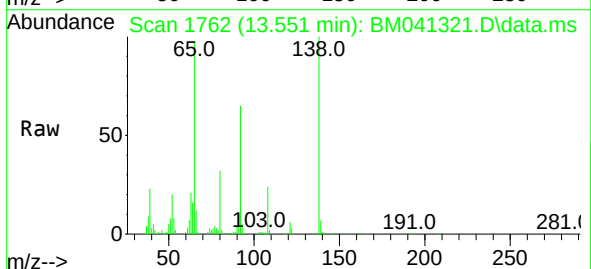
Tgt Ion:162 Resp: 110898  
Ion Ratio Lower Upper  
162 100  
127 37.8 30.6 45.8  
164 32.8 25.6 38.4

Manual Integrations  
APPROVED

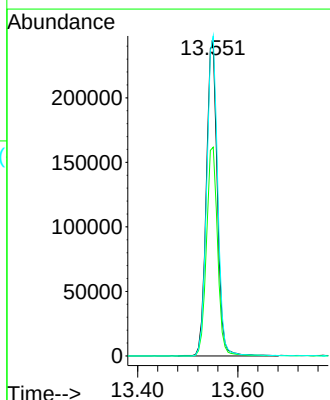
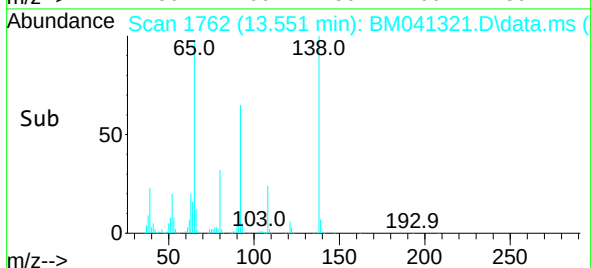
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/09/2023

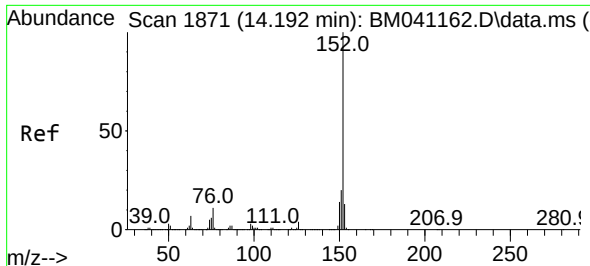


#48  
2-Nitroaniline  
Concen: 39.583 ng  
RT: 13.551 min Scan# 1762  
Delta R.T. 0.000 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56



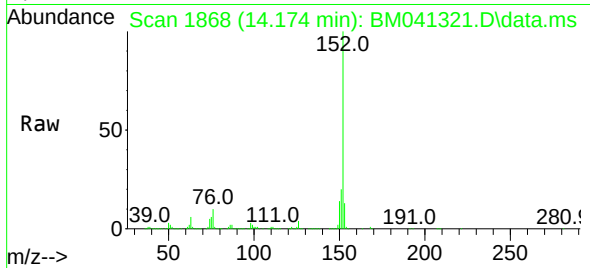
Tgt Ion: 65 Resp: 372402  
Ion Ratio Lower Upper  
65 100  
92 67.1 53.0 79.4  
138 102.9 79.1 118.7





#49  
Acenaphthylene  
Concen: 37.429 ng  
RT: 14.174 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

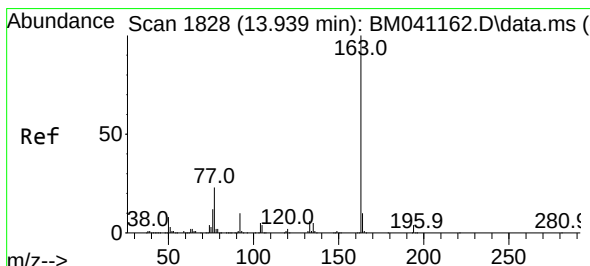
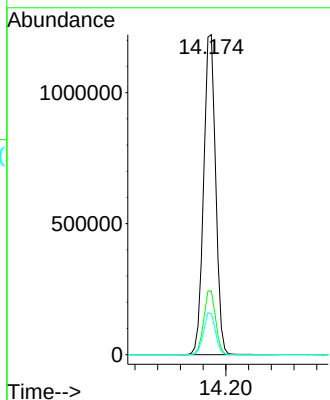
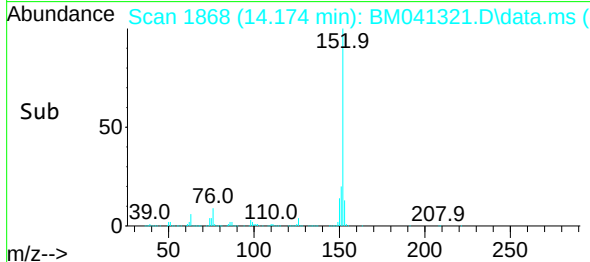
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



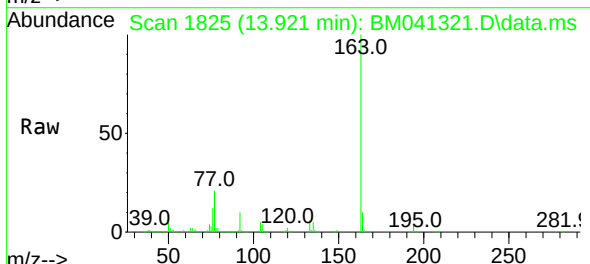
Tgt Ion:152 Resp: 1780628  
Ion Ratio Lower Upper  
152 100  
151 19.9 16.1 24.1  
153 12.9 10.5 15.7

Manual Integrations  
APPROVED

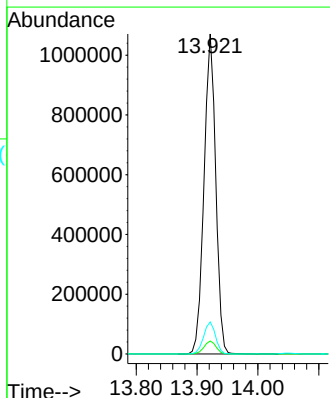
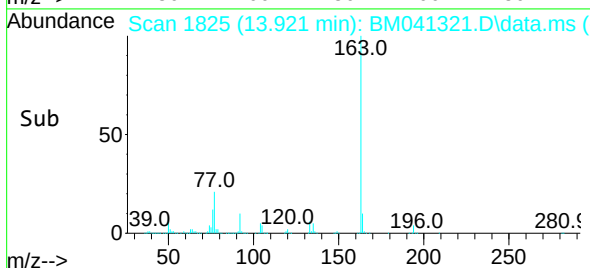
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/09/2023

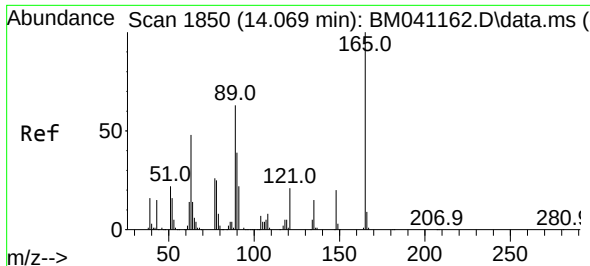


#50  
Dimethylphthalate  
Concen: 39.094 ng  
RT: 13.921 min Scan# 1825  
Delta R.T. 0.000 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56



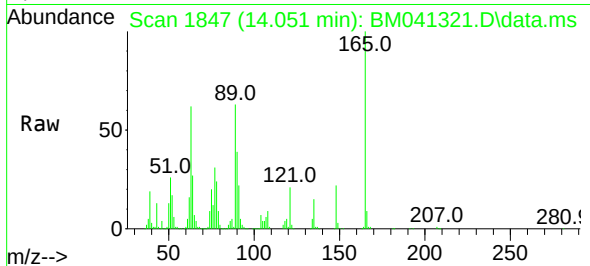
Tgt Ion:163 Resp: 1431897  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.3 4.9  
164 10.0 8.3 12.5





#51  
2,6-Dinitrotoluene  
Concen: 40.665 ng  
RT: 14.051 min Scan# 1850  
Delta R.T. 0.000 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

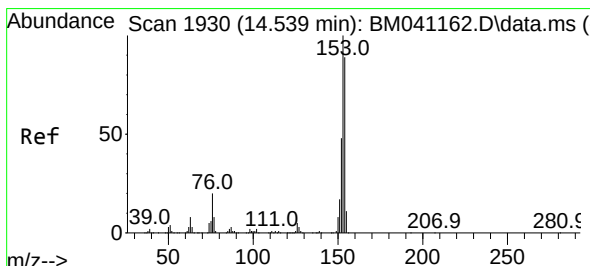
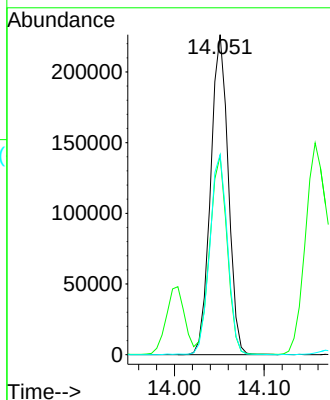
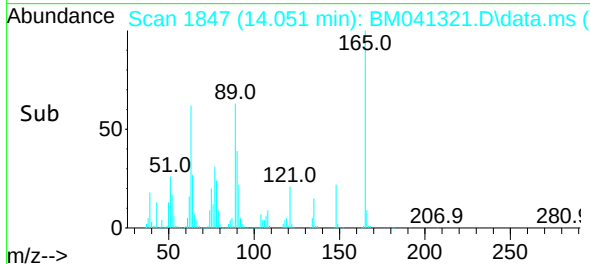
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



Tgt Ion:165 Resp: 308610  
Ion Ratio Lower Upper  
165 100  
63 62.1 50.9 76.3  
89 62.5 50.6 76.0

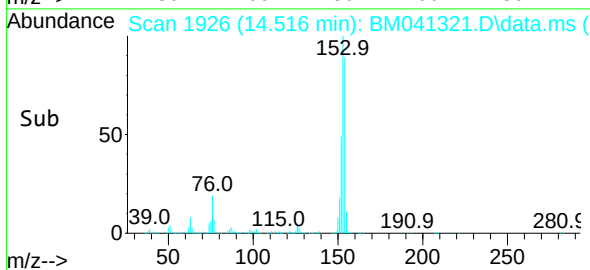
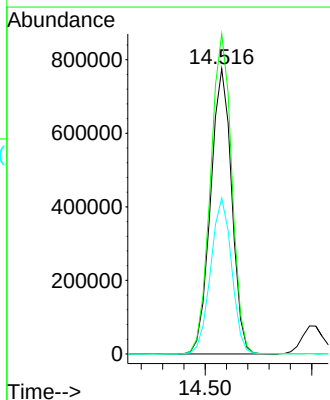
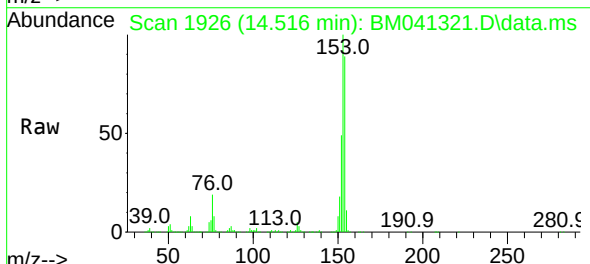
Manual Integrations  
APPROVED

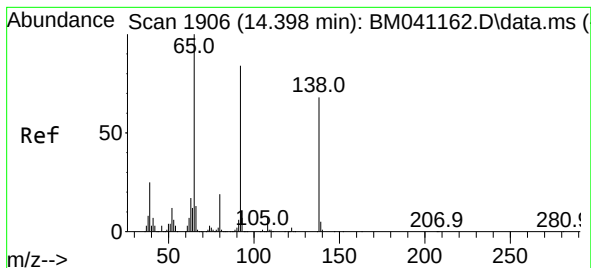
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/09/2023



#52  
Acenaphthene  
Concen: 37.162 ng  
RT: 14.516 min Scan# 1926  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

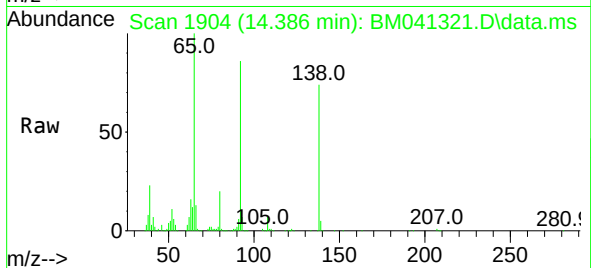
Tgt Ion:154 Resp: 1065056  
Ion Ratio Lower Upper  
154 100  
153 112.2 90.2 135.4  
152 54.7 43.4 65.0





#53  
3-Nitroaniline  
Concen: 37.016 ng  
RT: 14.386 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

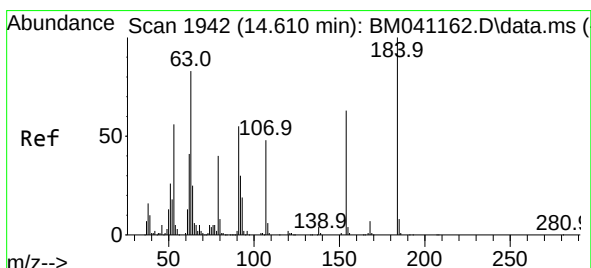
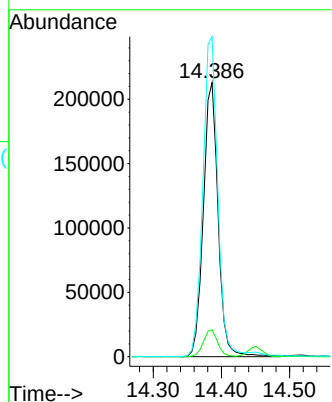
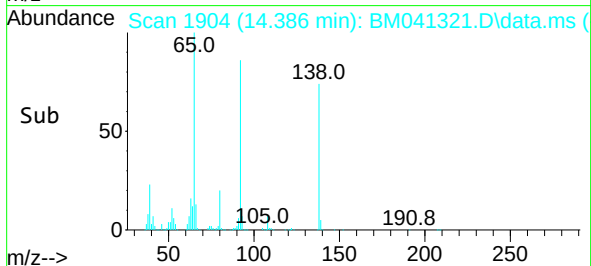
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



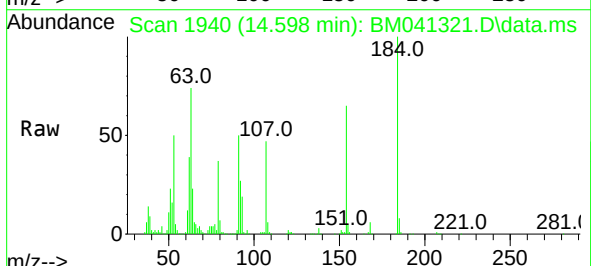
Tgt Ion:138 Resp: 319600  
Ion Ratio Lower Upper  
138 100  
108 9.8 7.6 11.4  
92 116.8 98.9 148.3

Manual Integrations  
APPROVED

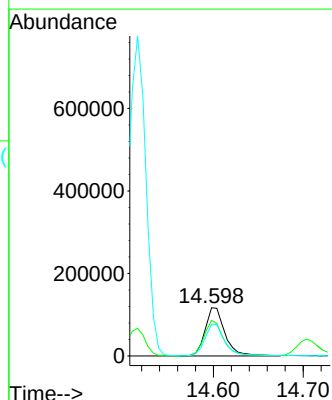
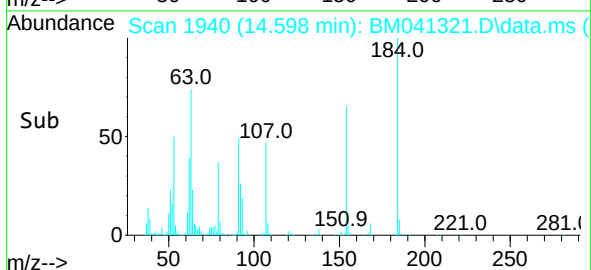
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/09/2023

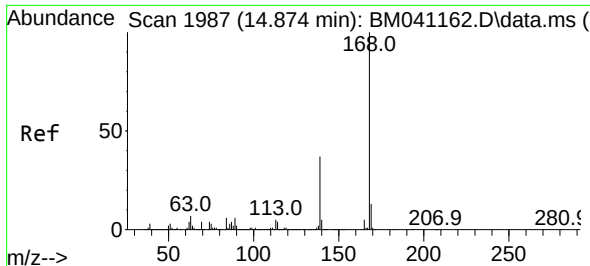


#54  
2,4-Dinitrophenol  
Concen: 38.355 ng  
RT: 14.598 min Scan# 1940  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56



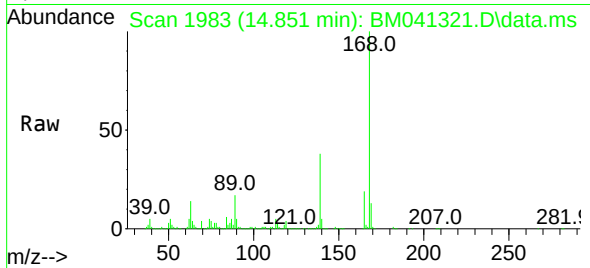
Tgt Ion:184 Resp: 179776  
Ion Ratio Lower Upper  
184 100  
63 73.9 66.5 99.7  
154 65.2 52.8 79.2





#55  
Dibenzofuran  
Concen: 37.176 ng  
RT: 14.851 min Scan# 1983  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

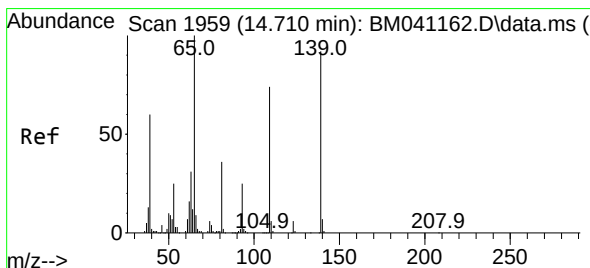
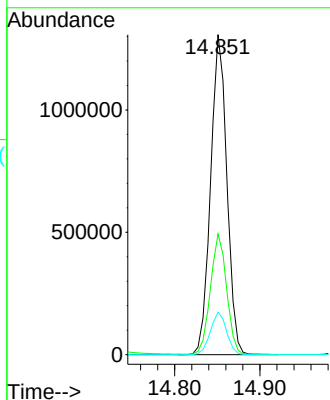
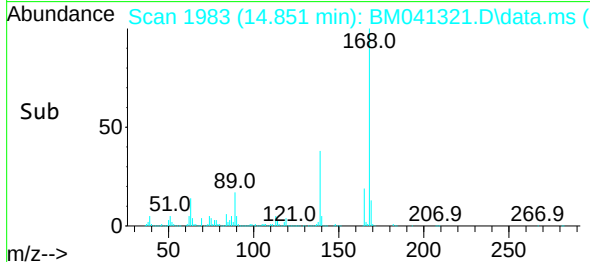
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



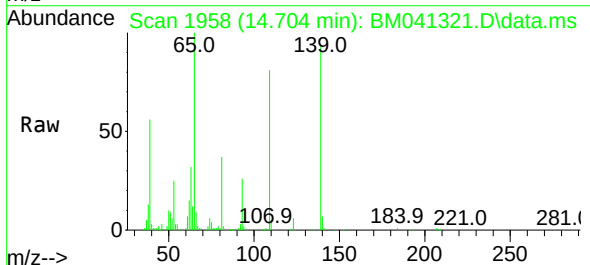
Tgt Ion:168 Resp: 1738360  
Ion Ratio Lower Upper  
168 100  
139 37.8 29.8 44.6  
169 13.3 10.5 15.7

Manual Integrations  
APPROVED

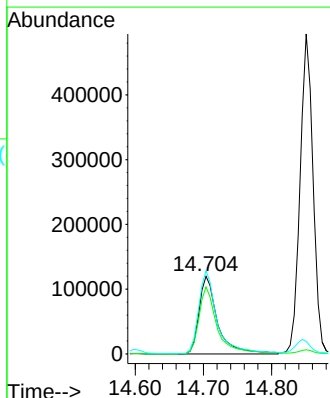
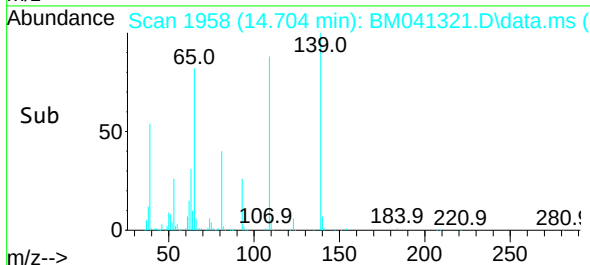
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/09/2023

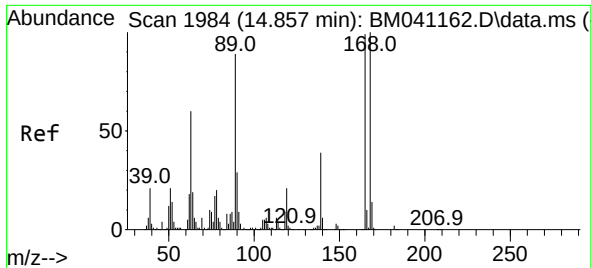


#56  
4-Nitrophenol  
Concen: 35.911 ng  
RT: 14.704 min Scan# 1958  
Delta R.T. 0.000 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56



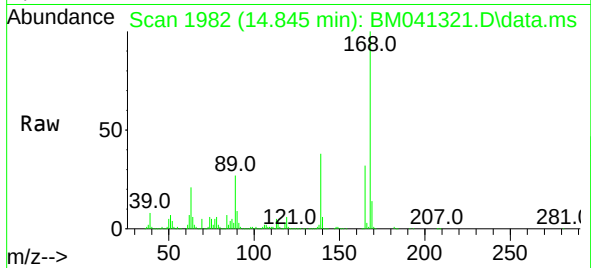
Tgt Ion:139 Resp: 227136  
Ion Ratio Lower Upper  
139 100  
109 86.4 61.2 101.2  
65 107.1 89.5 129.5





#57  
2,4-Dinitrotoluene  
Concen: 38.935 ng  
RT: 14.845 min Scan# 1984  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

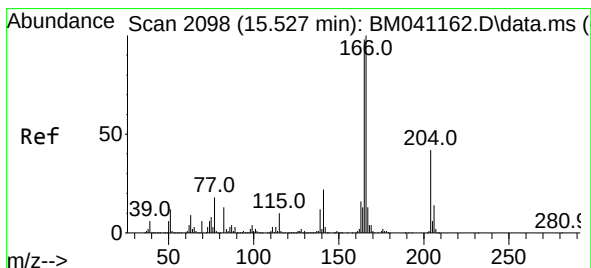
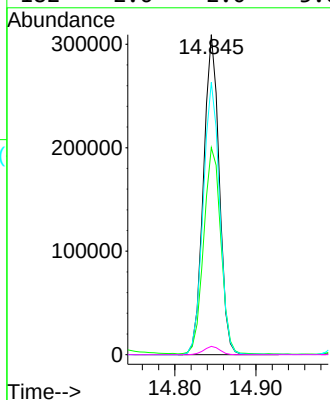
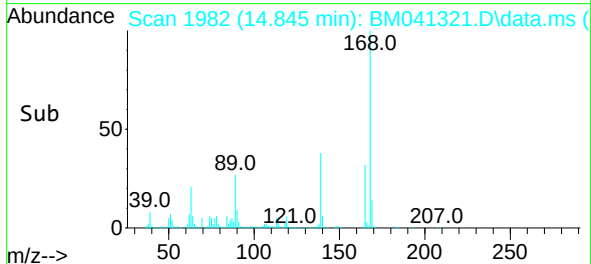
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



Tgt Ion:165 Resp: 41618  
Ion Ratio Lower Upper  
165 100  
63 64.7 48.3 72.5  
89 85.1 71.8 107.8  
182 2.6 2.0 3.0

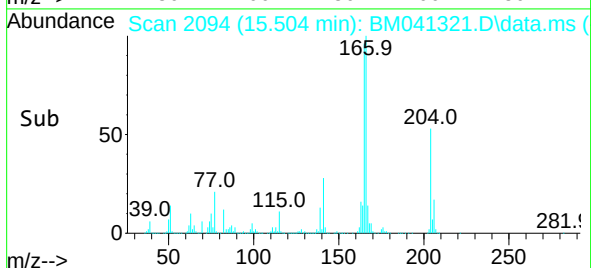
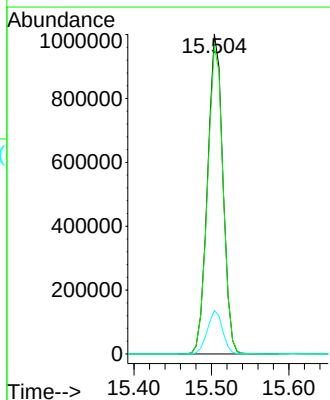
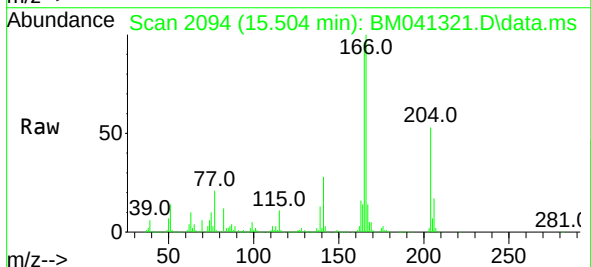
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/09/2023

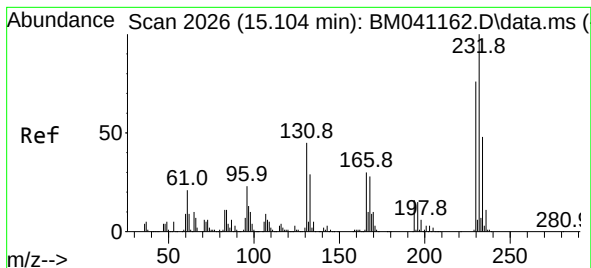


#58  
Fluorene  
Concen: 37.234 ng  
RT: 15.504 min Scan# 2094  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

Tgt Ion:166 Resp: 1373495  
Ion Ratio Lower Upper  
166 100  
165 96.3 78.2 117.4  
167 13.6 10.6 16.0







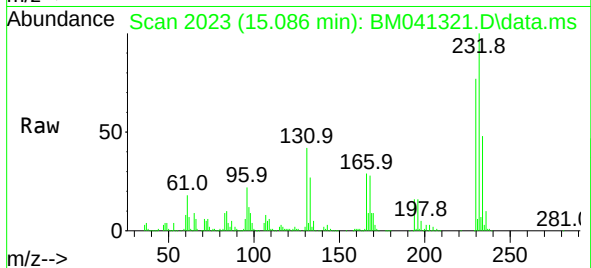
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.548 ng  
RT: 15.086 min Scan# 2026  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040



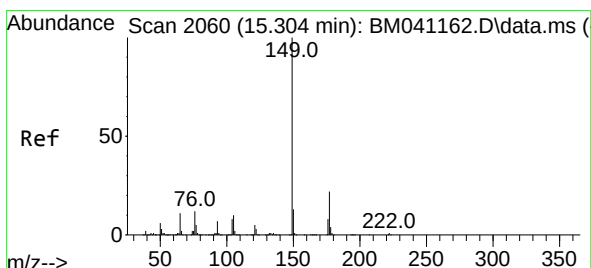
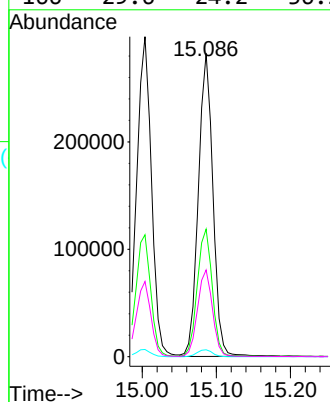
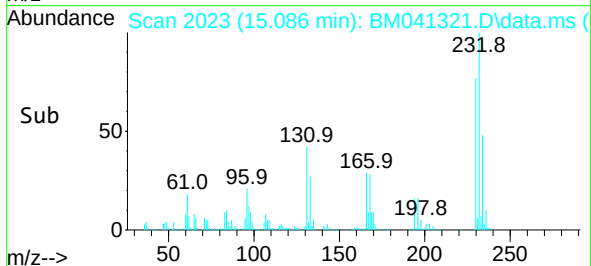
Tgt Ion:232 Resp: 38512  
Ion Ratio Lower Upper  
232 100  
131 43.4 36.9 55.3  
130 2.4 2.0 3.0  
166 29.6 24.2 36.2

Manual Integrations

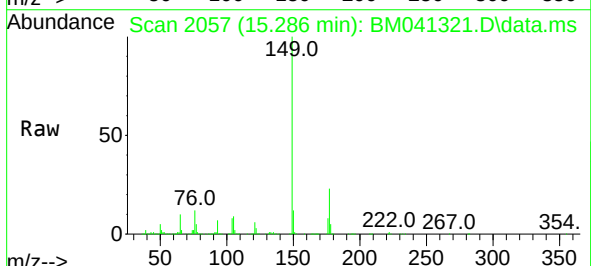
APPROVED

Reviewed By :Yogesh Patel 08/09/2023

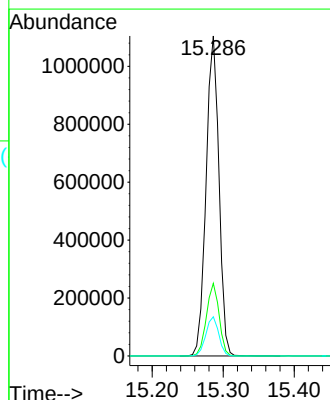
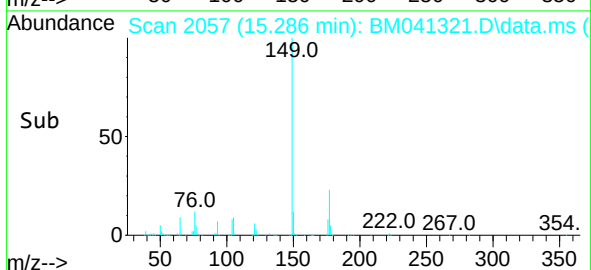
Supervised By :mohammad ahmed 08/09/2023

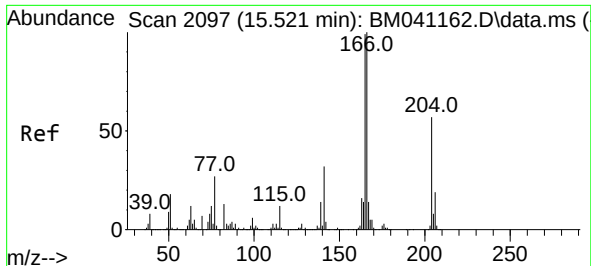


#60  
Diethylphthalate  
Concen: 39.272 ng  
RT: 15.286 min Scan# 2057  
Delta R.T. 0.000 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56



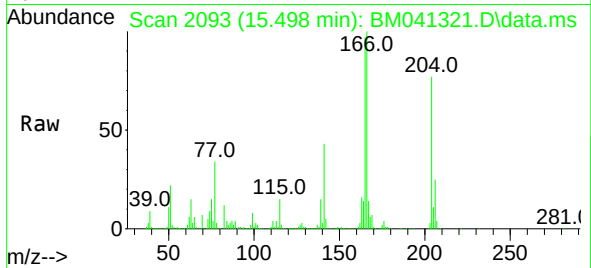
Tgt Ion:149 Resp: 1391031  
Ion Ratio Lower Upper  
149 100  
177 22.7 17.5 26.3  
150 12.2 10.1 15.1





#61  
4-Chlorophenyl-phenylether  
Concen: 39.690 ng  
RT: 15.498 min Scan# 2097  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

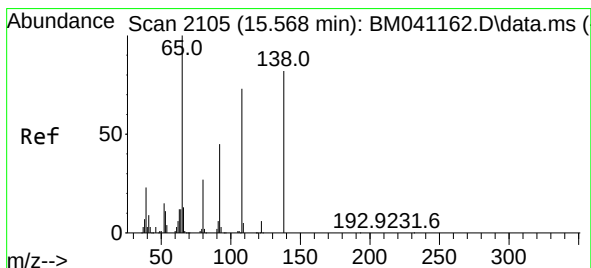
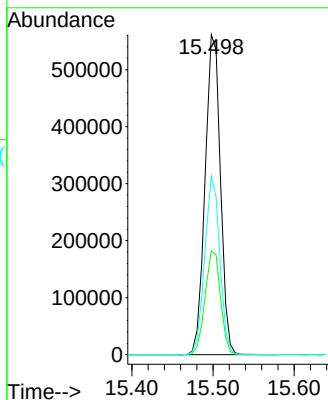
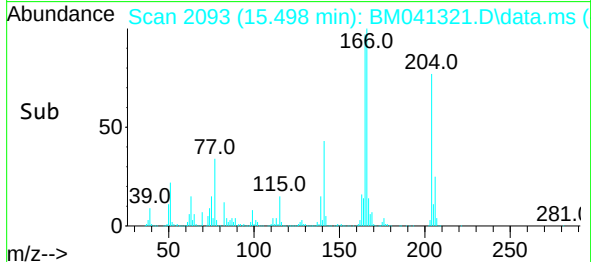
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



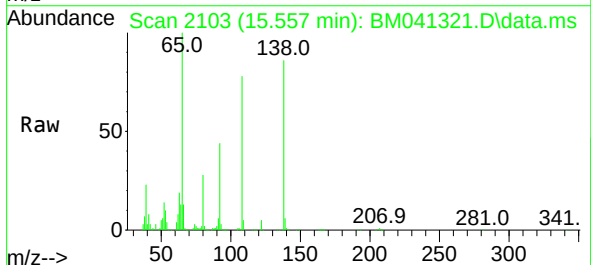
Tgt Ion:204 Resp: 733660  
Ion Ratio Lower Upper  
204 100  
206 32.4 26.5 39.7  
141 55.8 44.8 67.2

Manual Integrations  
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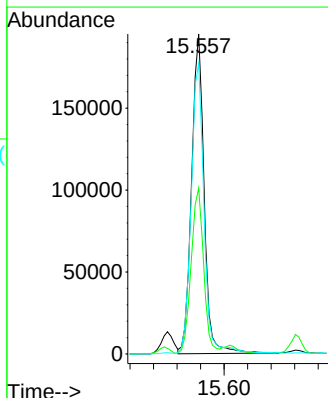
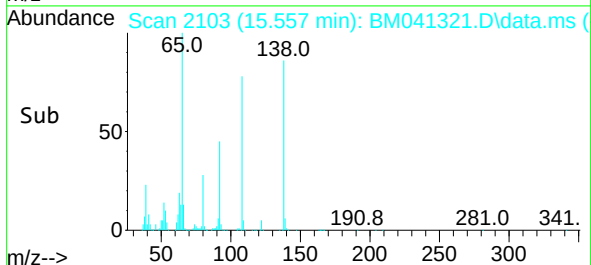
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/09/2023

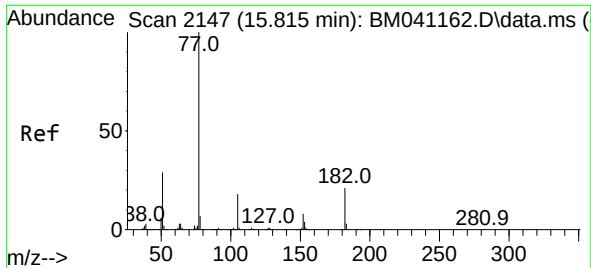


#62  
4-Nitroaniline  
Concen: 36.794 ng  
RT: 15.557 min Scan# 2103  
Delta R.T. 0.000 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56



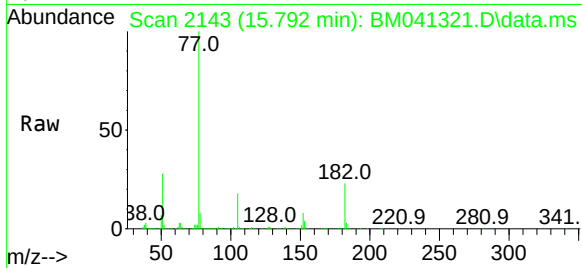
Tgt Ion:138 Resp: 289242  
Ion Ratio Lower Upper  
138 100  
92 51.9 35.1 75.1  
108 90.7 67.8 107.8





#63  
Azobenzene  
Concen: 37.179 ng  
RT: 15.792 min Scan# 2147  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

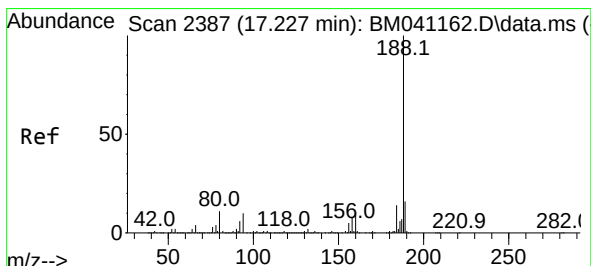
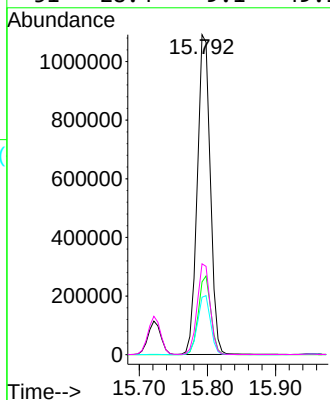
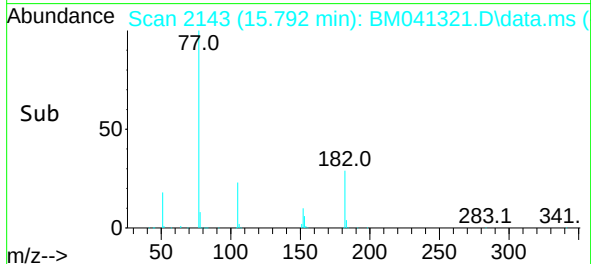
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



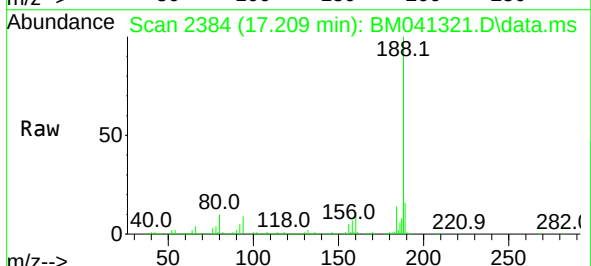
Tgt Ion: 77 Resp: 144252  
Ion Ratio Lower Upper  
77 100  
182 22.7 1.3 41.3  
105 18.0 0.0 38.5  
51 28.4 9.1 49.1

Manual Integrations  
APPROVED

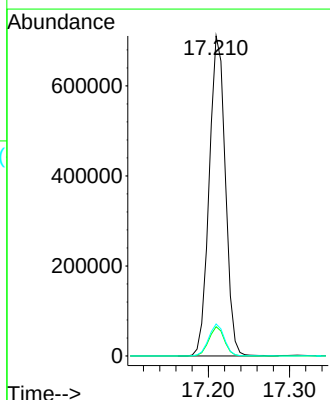
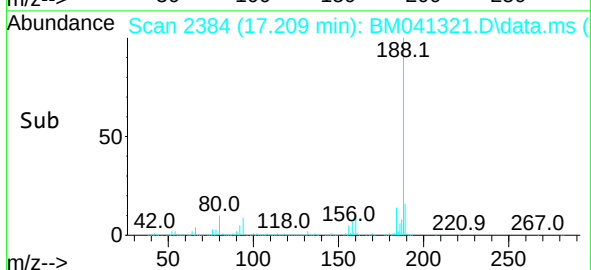
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/09/2023

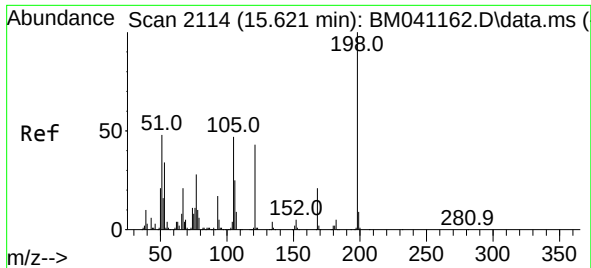


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.209 min Scan# 2384  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56



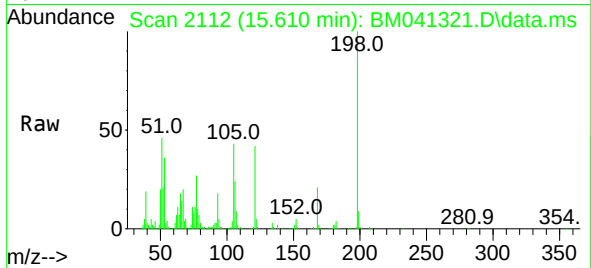
Tgt Ion:188 Resp: 980432  
Ion Ratio Lower Upper  
188 100  
94 9.2 8.2 12.2  
80 10.0 8.6 13.0





#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.323 ng  
RT: 15.610 min Scan# 2114  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

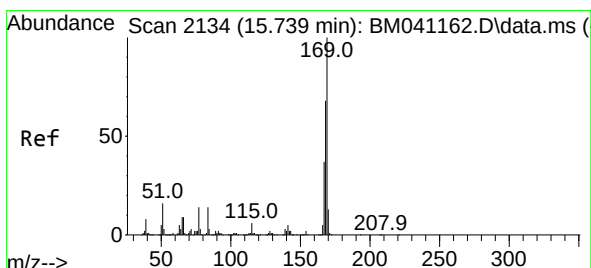
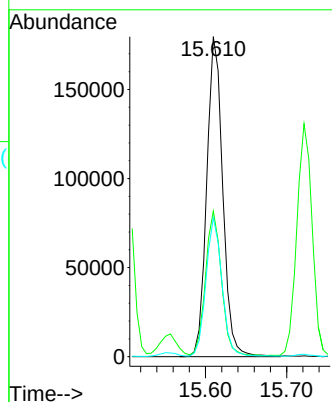
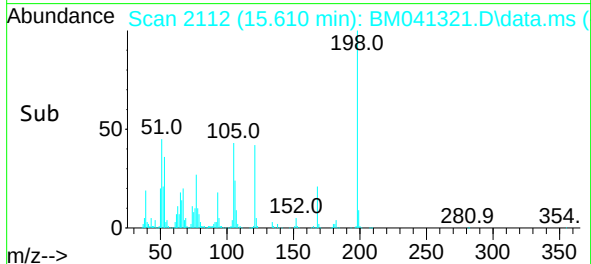
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



Tgt Ion:198 Resp: 245431  
Ion Ratio Lower Upper  
198 100  
51 45.5 31.7 71.7  
105 43.4 27.8 67.8

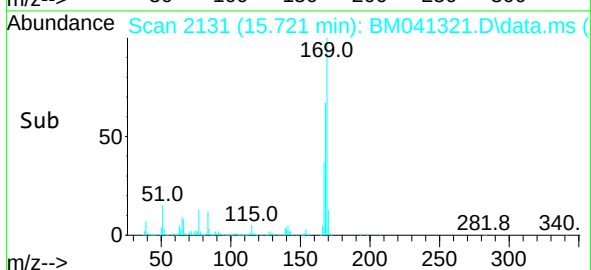
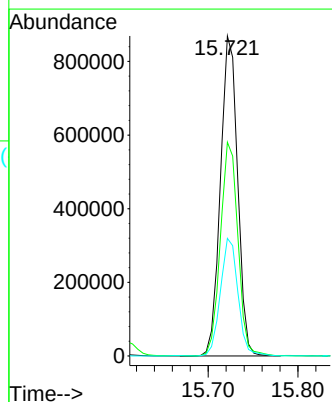
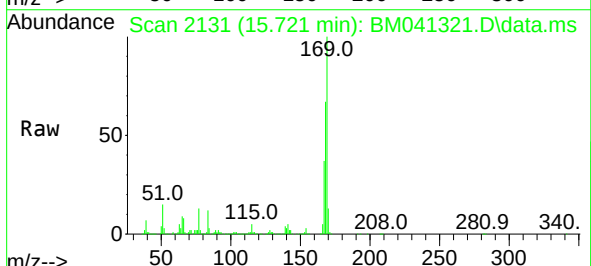
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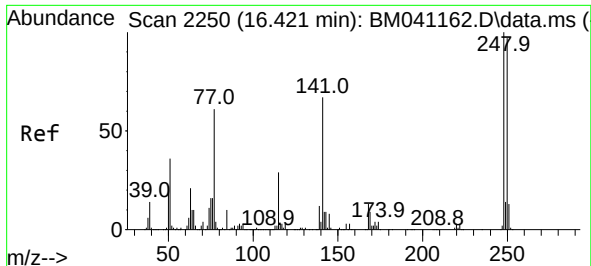
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/09/2023



#66  
n-Nitrosodiphenylamine  
Concen: 37.883 ng  
RT: 15.721 min Scan# 2131  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

Tgt Ion:169 Resp: 1155122  
Ion Ratio Lower Upper  
169 100  
168 66.8 54.6 81.8  
167 36.8 29.9 44.9





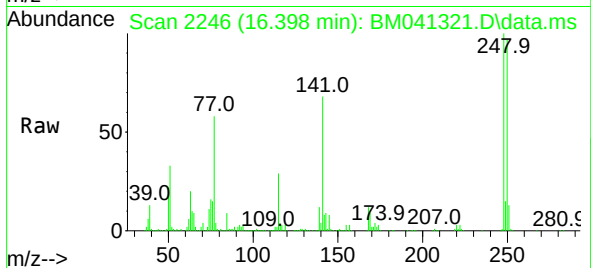
#67  
4-Bromophenyl-phenylether  
Concen: 41.058 ng  
RT: 16.398 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

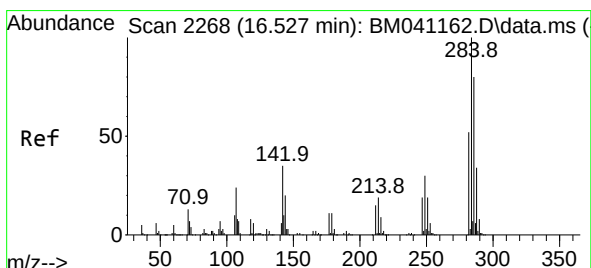
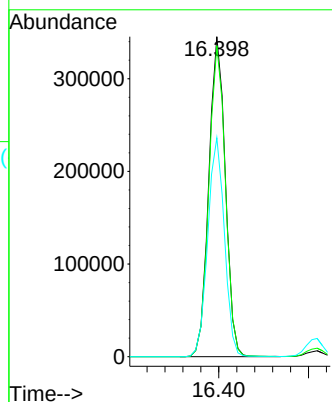
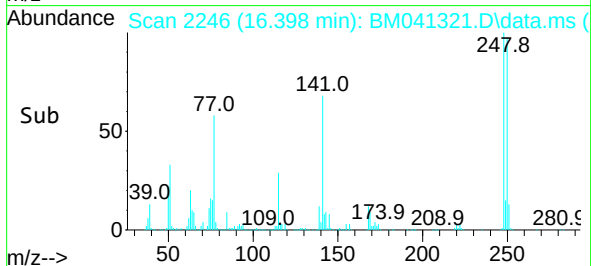


Tgt Ion:248 Resp: 441358  
Ion Ratio Lower Upper  
248 100  
250 97.2 78.0 117.0  
141 68.4 53.8 80.8

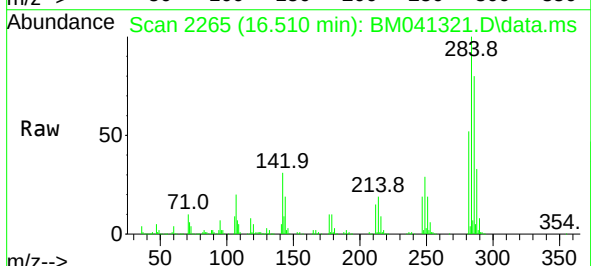
Manual Integrations

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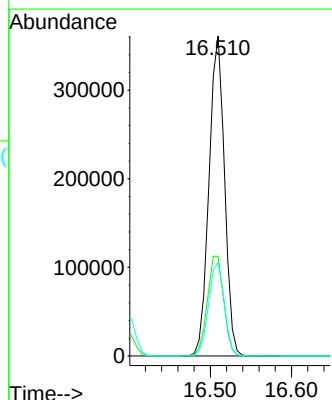
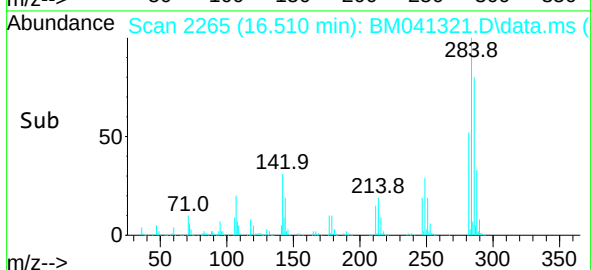
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/09/2023

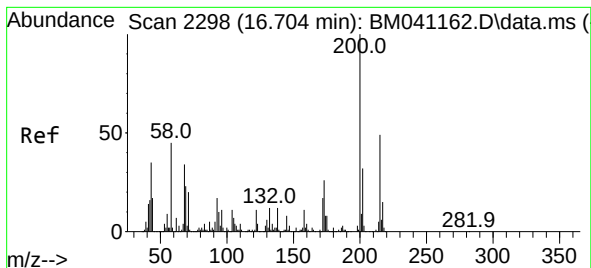


#68  
Hexachlorobenzene  
Concen: 39.991 ng  
RT: 16.510 min Scan# 2265  
Delta R.T. 0.000 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56



Tgt Ion:284 Resp: 478016  
Ion Ratio Lower Upper  
284 100  
142 31.2 28.0 42.0  
249 29.3 23.7 35.5





#69

Atrazine

Concen: 42.170 ng

RT: 16.686 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 33768

Ion Ratio Lower Upper

200 100

173 24.4 5.6 45.6

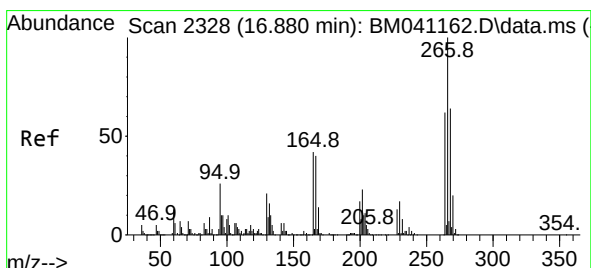
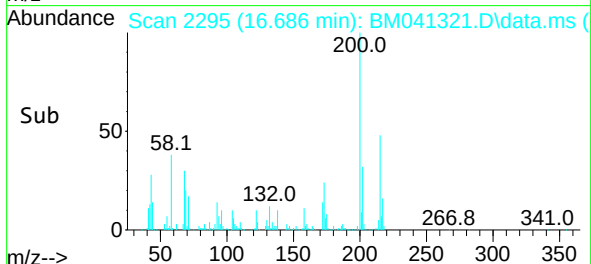
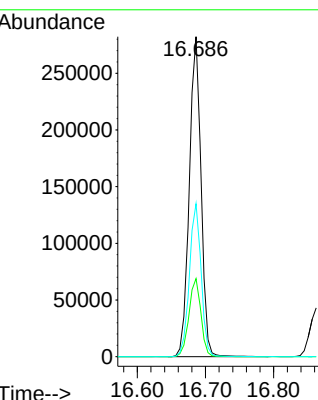
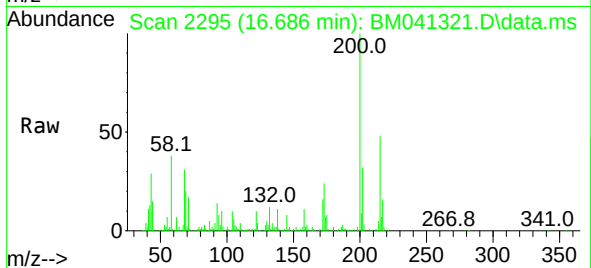
215 47.8 28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#70

Pentachlorophenol

Concen: 40.923 ng

RT: 16.862 min Scan# 2325

Delta R.T. -0.006 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

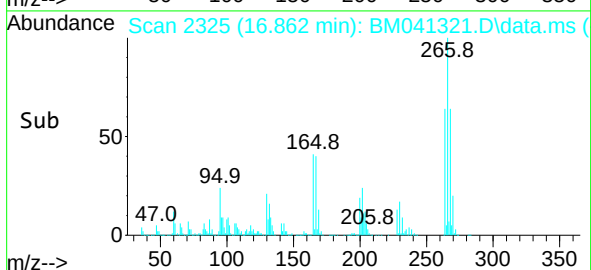
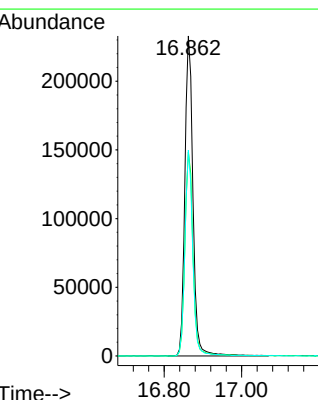
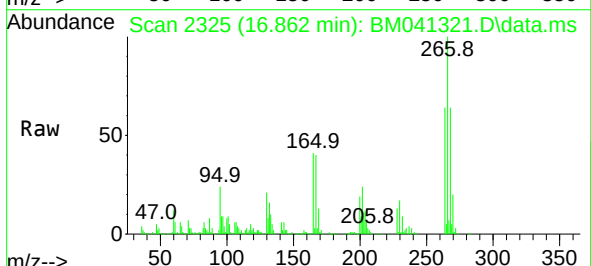
Tgt Ion:266 Resp: 338722

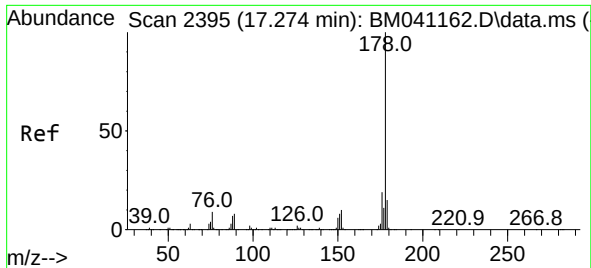
Ion Ratio Lower Upper

266 100

268 63.7 51.0 76.6

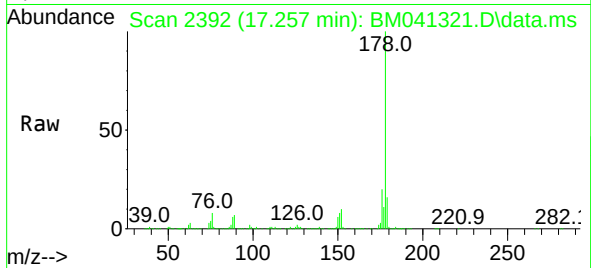
264 64.3 49.4 74.2





#71  
Phenanthrene  
Concen: 36.648 ng  
RT: 17.257 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

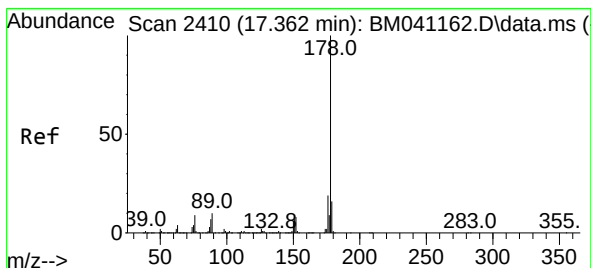
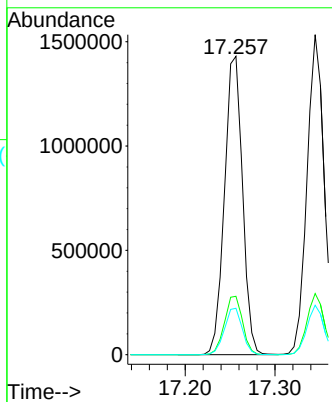
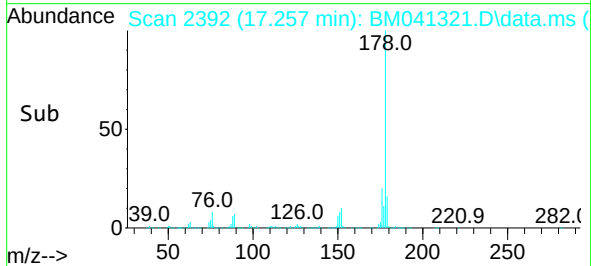
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



Tgt Ion:178 Resp: 1996340  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.6 23.4  
179 15.5 12.1 18.1

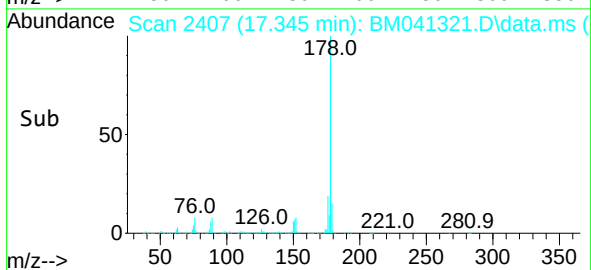
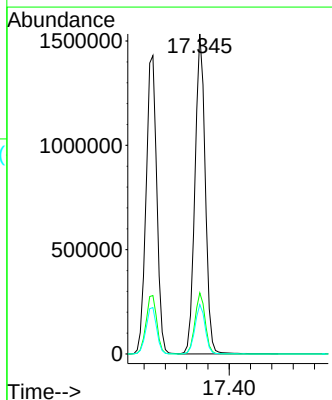
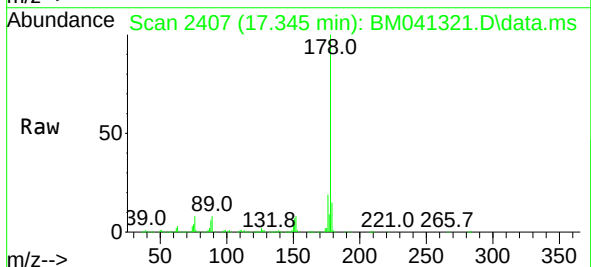
Manual Integrations  
APPROVED

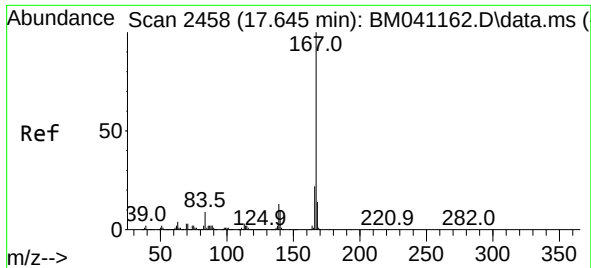
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/09/2023



#72  
Anthracene  
Concen: 37.965 ng  
RT: 17.345 min Scan# 2407  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

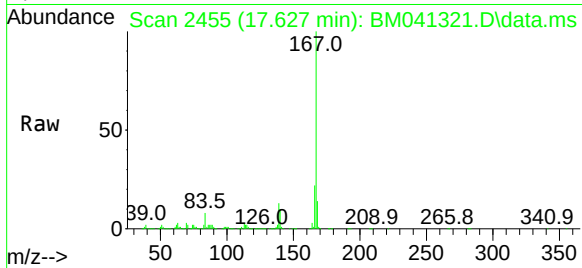
Tgt Ion:178 Resp: 2045369  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.2 22.8  
179 15.5 12.4 18.6





#73  
 Carbazole  
 Concen: 36.385 ng  
 RT: 17.627 min Scan# 2455  
 Delta R.T. -0.006 min  
 Lab File: BM041321.D  
 Acq: 08 Aug 2023 08:56

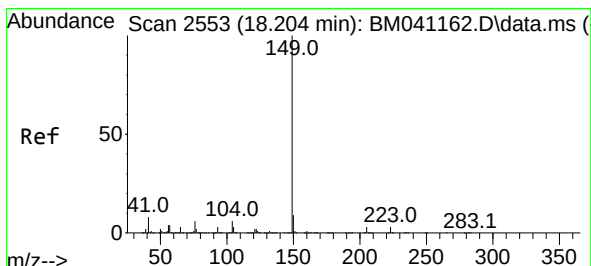
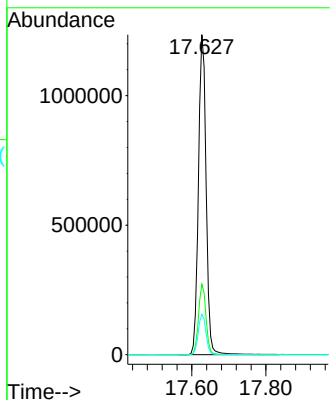
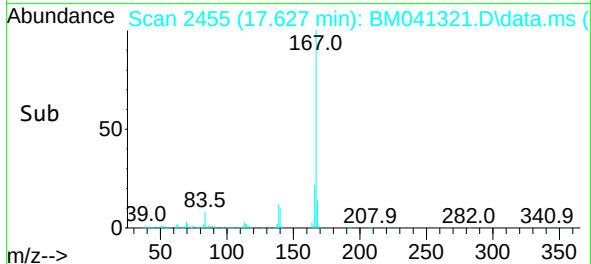
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040



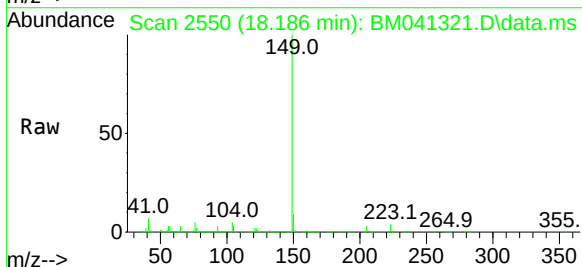
Tgt Ion:167 Resp: 177424  
 Ion Ratio Lower Upper  
 167 100  
 166 22.0 17.3 25.9  
 139 12.6 10.3 15.5

Manual Integrations  
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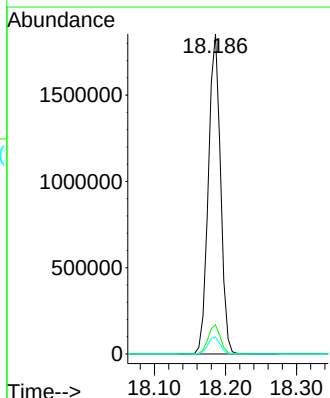
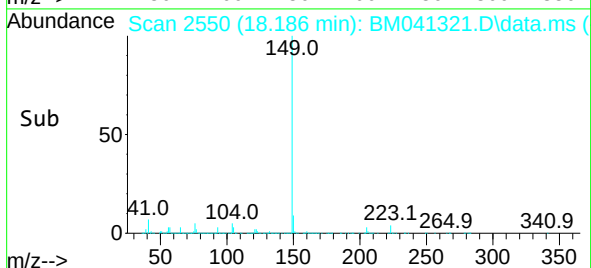
Reviewed By :Yogesh Patel 08/09/2023  
 Supervised By :mohammad ahmed 08/09/2023



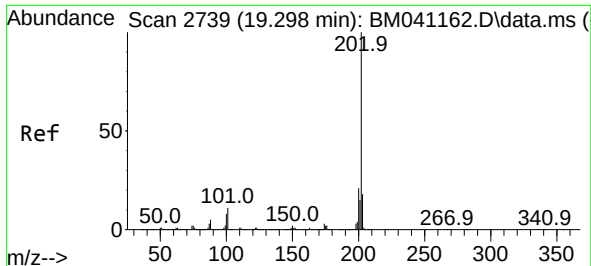
#74  
 Di-n-butylphthalate  
 Concen: 40.034 ng  
 RT: 18.186 min Scan# 2550  
 Delta R.T. 0.000 min  
 Lab File: BM041321.D  
 Acq: 08 Aug 2023 08:56



Tgt Ion:149 Resp: 2205959  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.3 10.9  
 104 5.3 4.5 6.7

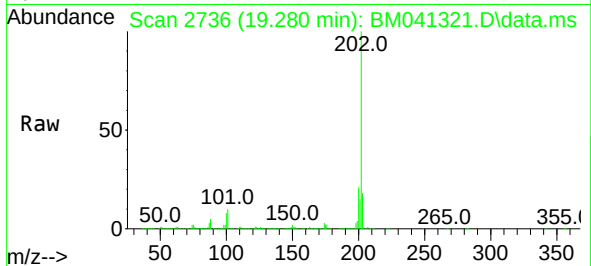






#75  
Fluoranthene  
Concen: 36.038 ng  
RT: 19.280 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

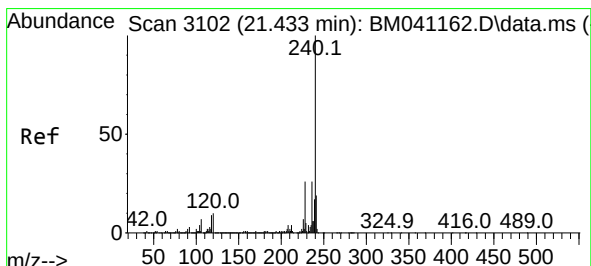
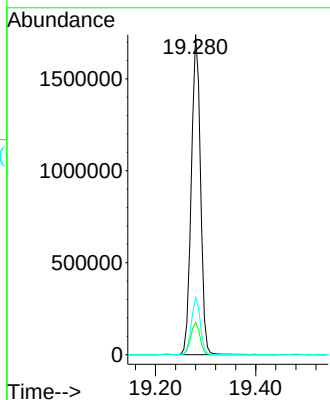
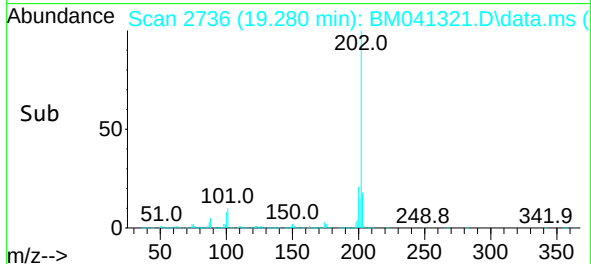
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



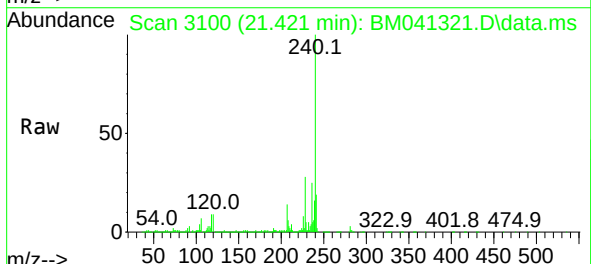
Tgt Ion:202 Resp: 2205508  
Ion Ratio Lower Upper  
202 100  
101 10.1 0.0 30.8  
203 18.0 0.0 37.6

Manual Integrations  
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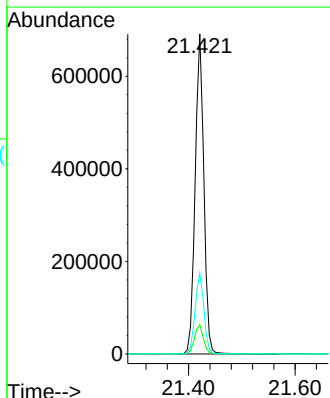
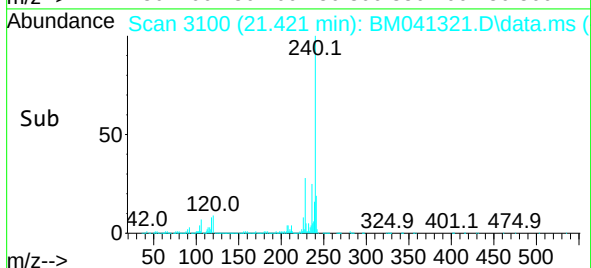
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/09/2023

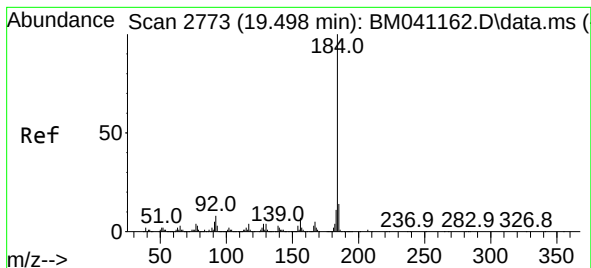


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.421 min Scan# 3100  
Delta R.T. 0.000 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56



Tgt Ion:240 Resp: 785998  
Ion Ratio Lower Upper  
240 100  
120 9.1 8.3 12.5  
236 25.2 20.6 30.8





#77

Benzidine

Concen: 48.539 ng

RT: 19.480 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tgt Ion:184 Resp: 52000

Ion Ratio Lower Upper

184 100

185 14.0 11.4 17.0

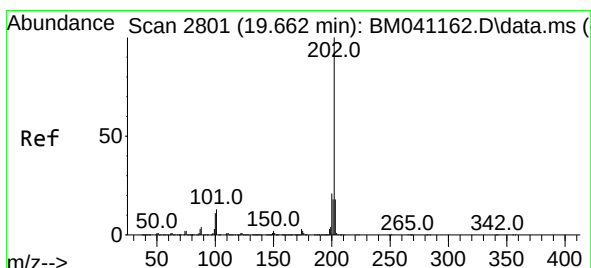
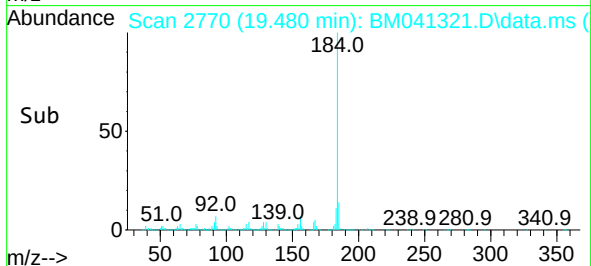
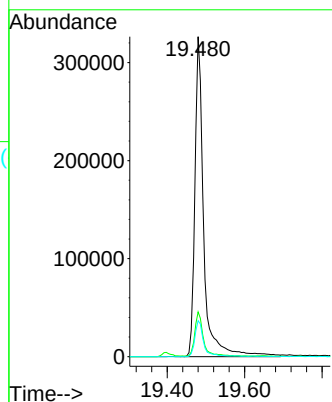
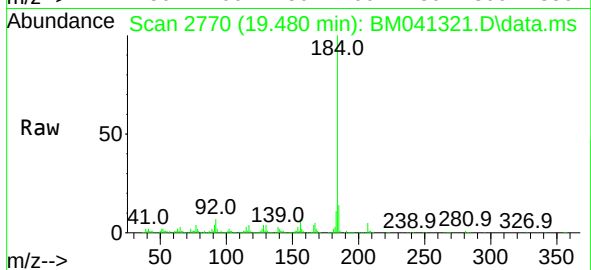
183 11.3 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#78

Pyrene

Concen: 41.122 ng

RT: 19.645 min Scan# 2798

Delta R.T. 0.000 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

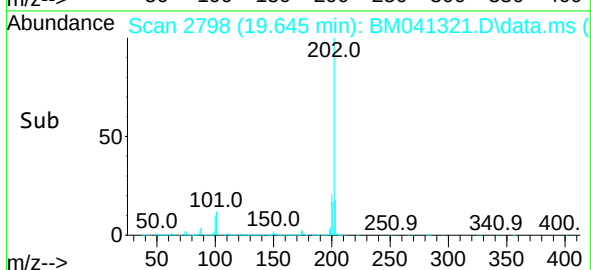
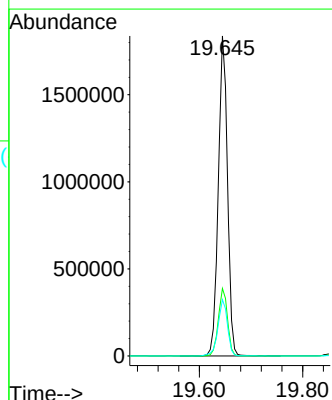
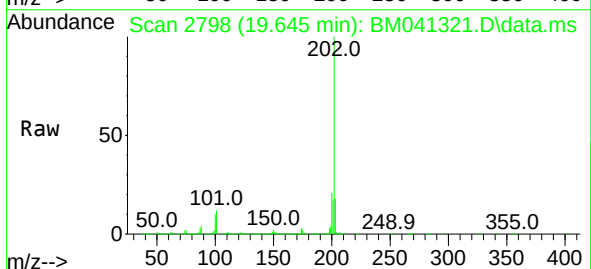
Tgt Ion:202 Resp: 2260308

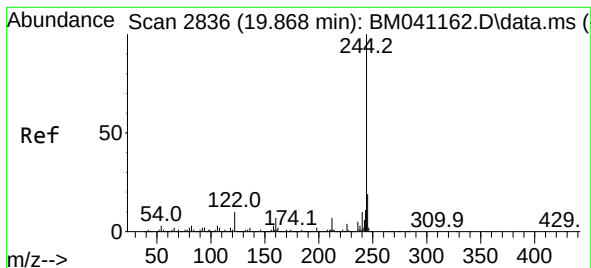
Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 82.455 ng

RT: 19.851 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tgt Ion:244 Resp: 3584479

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

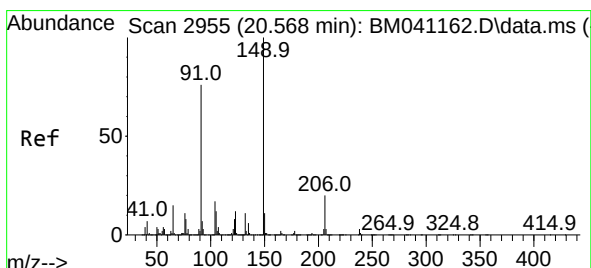
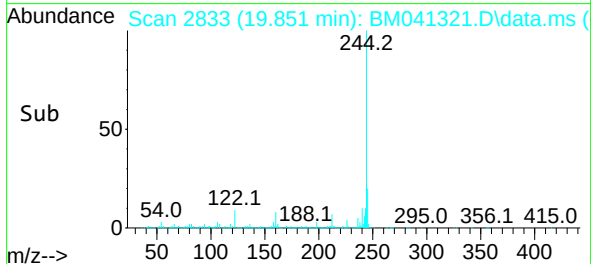
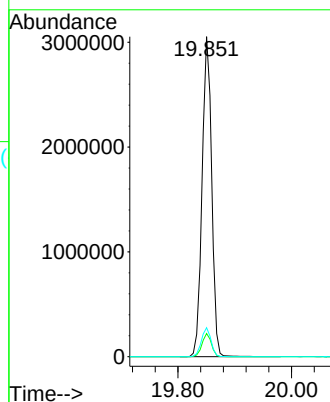
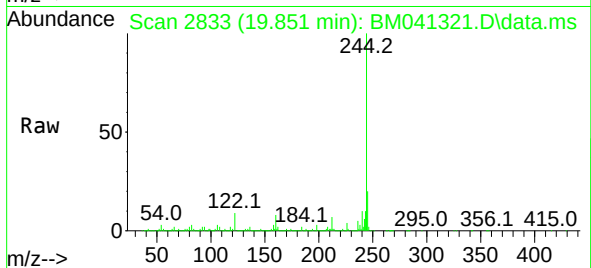
122 9.0 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#80

Butylbenzylphthalate

Concen: 44.231 ng

RT: 20.550 min Scan# 2952

Delta R.T. 0.000 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

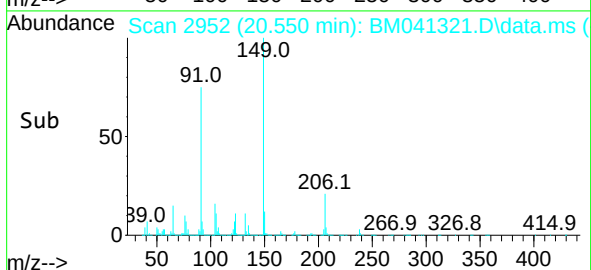
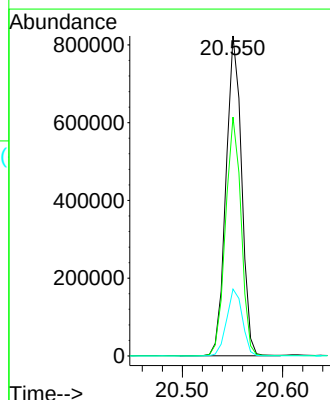
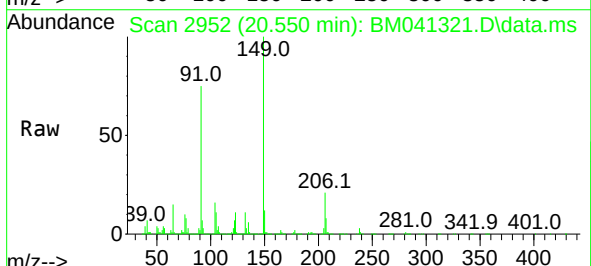
Tgt Ion:149 Resp: 887832

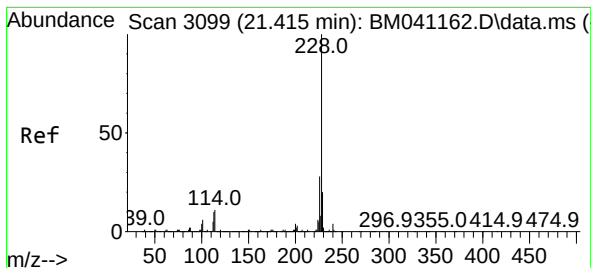
Ion Ratio Lower Upper

149 100

91 74.7 60.8 91.2

206 20.9 16.4 24.6





#81

Benzo(a)anthracene

Concen: 38.678 ng

RT: 21.403 min Scan# 3099

Delta R.T. 0.000 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 2060940

Ion Ratio Lower Upper

228 100

226 27.3 22.4 33.6

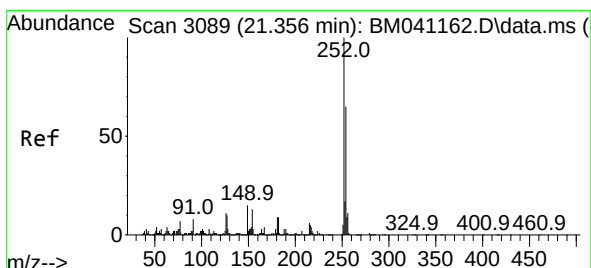
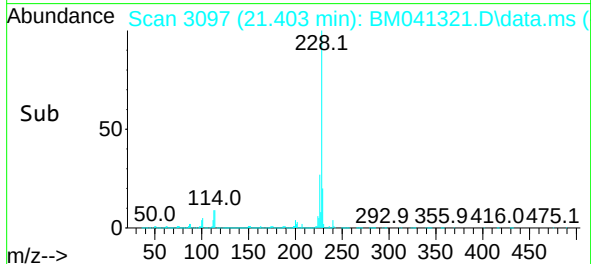
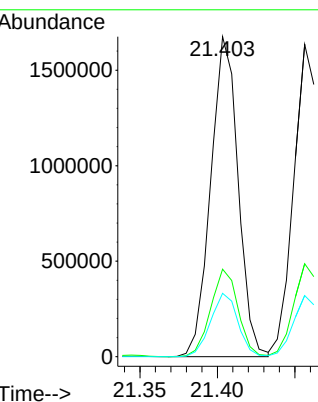
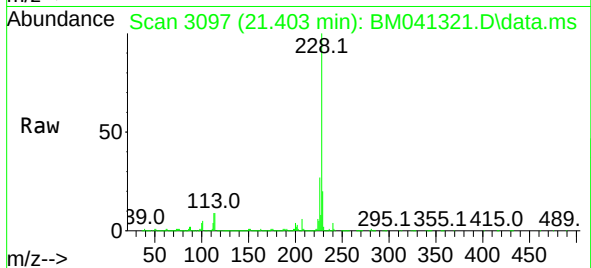
229 19.8 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#82

3,3'-Dichlorobenzidine

Concen: 40.139 ng

RT: 21.345 min Scan# 3087

Delta R.T. 0.000 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

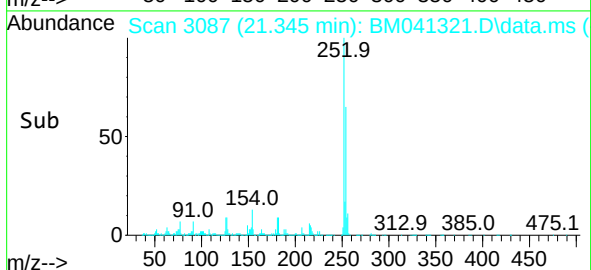
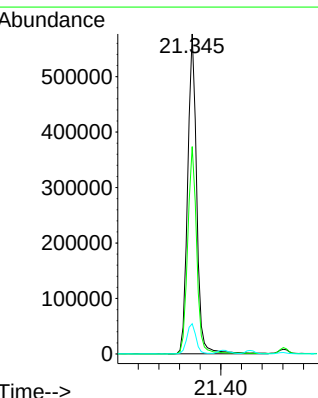
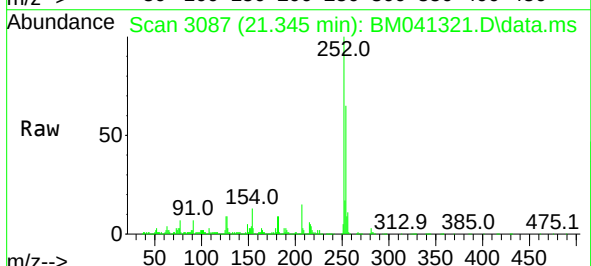
Tgt Ion:252 Resp: 697910

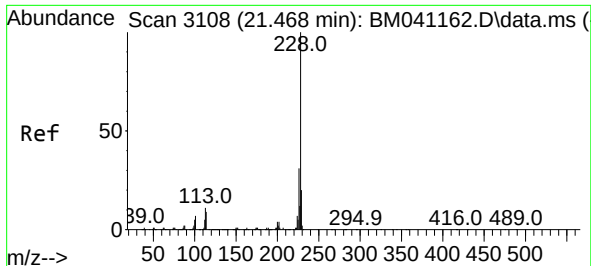
Ion Ratio Lower Upper

252 100

254 64.8 51.8 77.6

126 9.4 8.6 13.0





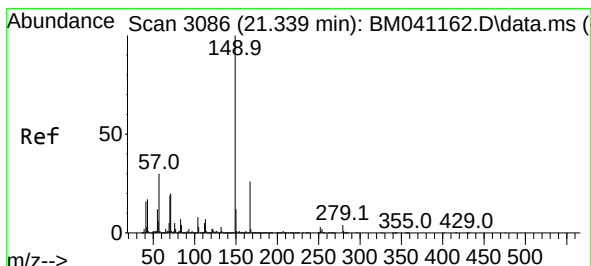
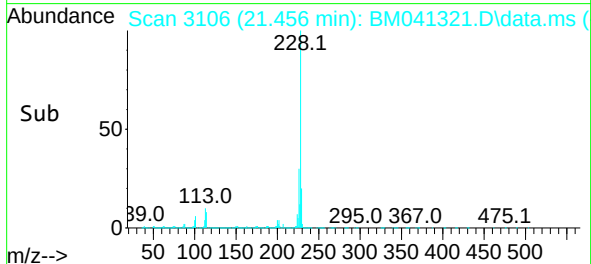
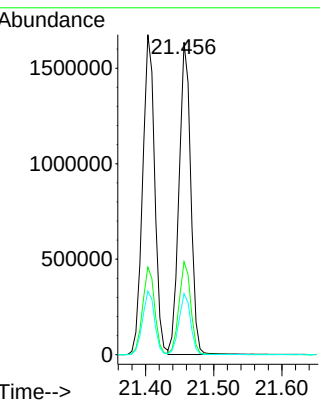
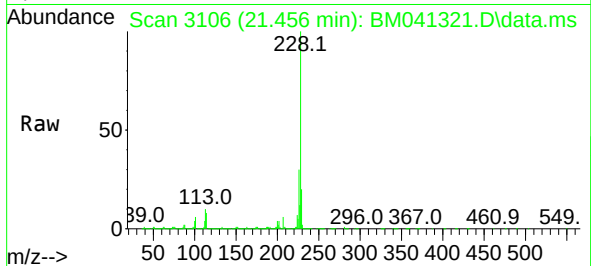
#83  
Chrysene  
Concen: 37.629 ng  
RT: 21.456 min Scan# 3108  
Delta R.T. 0.000 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tgt Ion:228 Resp: 193934  
Ion Ratio Lower Upper  
228 100  
226 29.8 24.5 36.7  
229 19.6 15.8 23.8

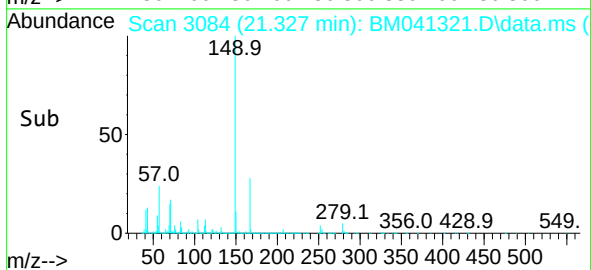
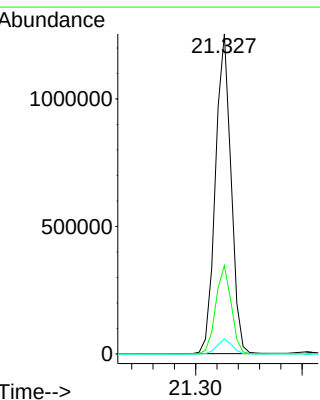
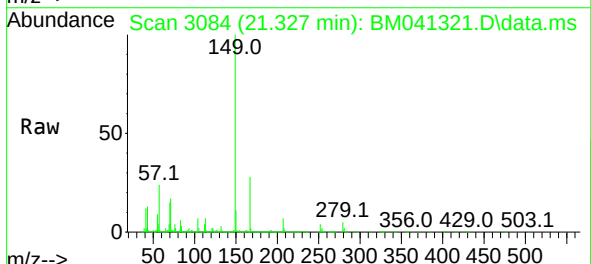
Manual Integrations  
APPROVED

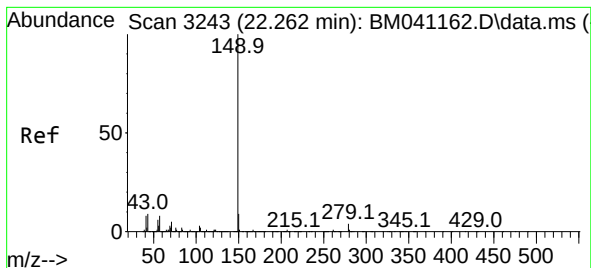
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/09/2023



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 40.275 ng  
RT: 21.327 min Scan# 3084  
Delta R.T. 0.000 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

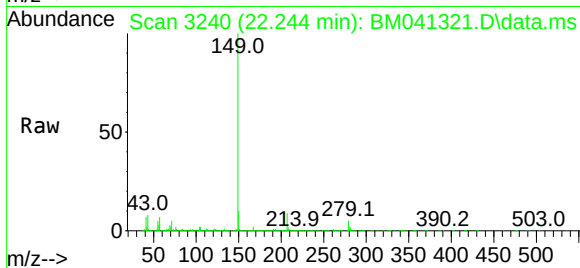
Tgt Ion:149 Resp: 1270072  
Ion Ratio Lower Upper  
149 100  
167 27.6 21.0 31.6  
279 4.7 3.1 4.7#





#85  
Di-n-octyl phthalate  
Concen: 41.249 ng  
RT: 22.244 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

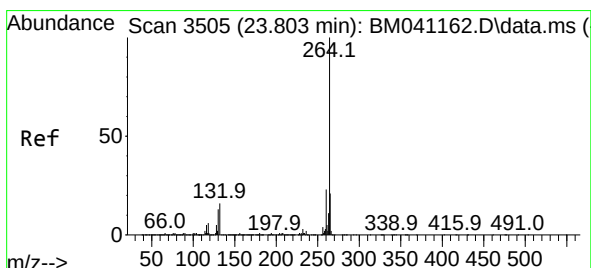
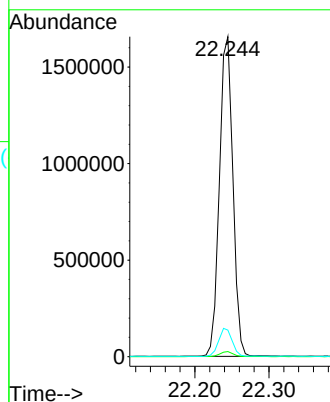
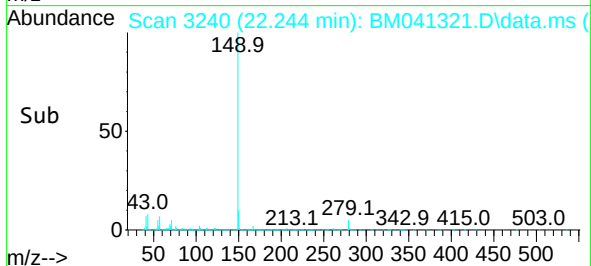
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



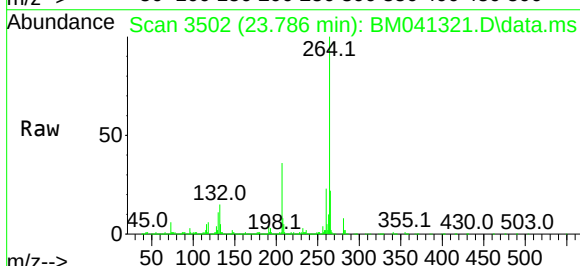
Tgt Ion:149 Resp: 209258  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 8.9 8.3 12.5

Manual Integrations  
APPROVED

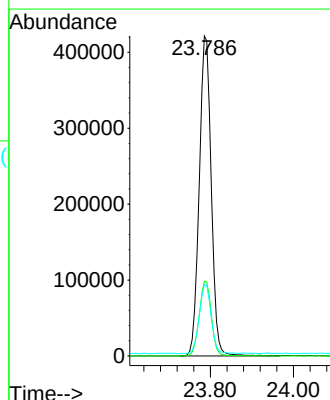
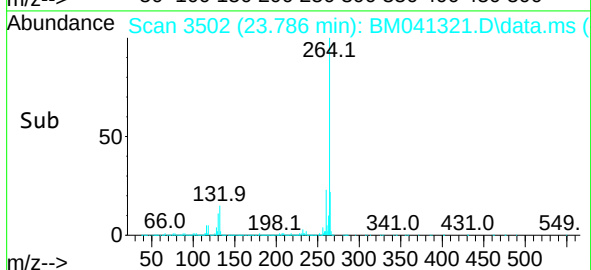
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/09/2023

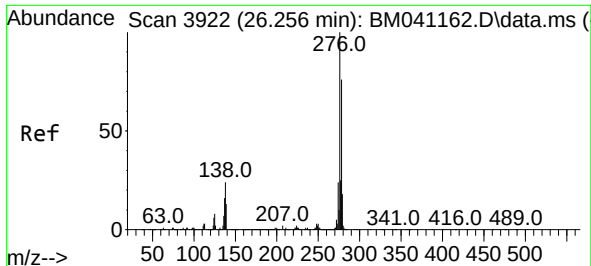


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.786 min Scan# 3502  
Delta R.T. 0.000 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56



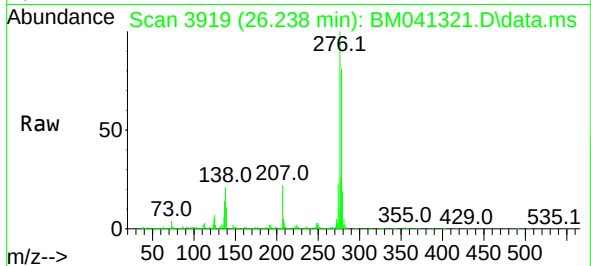
Tgt Ion:264 Resp: 844604  
Ion Ratio Lower Upper  
264 100  
260 23.4 18.5 27.7  
265 22.4 17.4 26.0





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 37.050 ng  
RT: 26.238 min Scan# 3919  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56

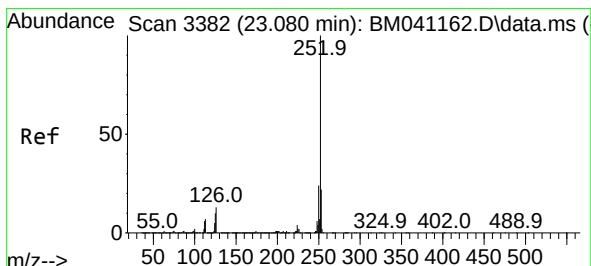
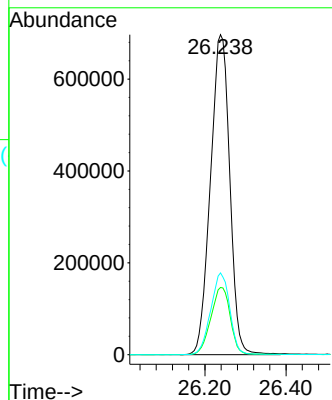
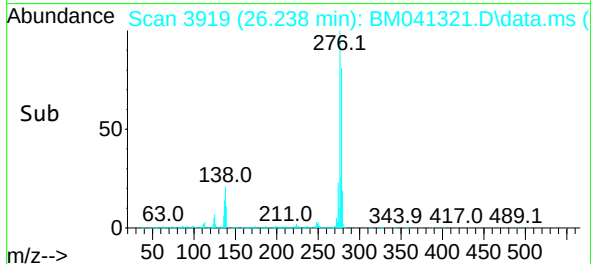
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



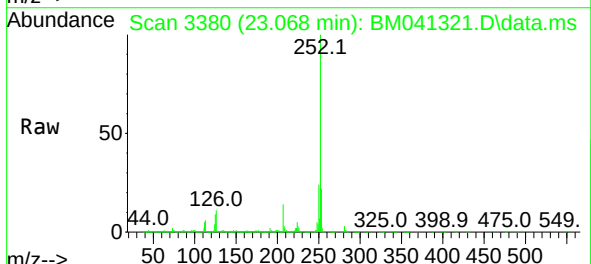
Tgt Ion:276 Resp: 2300680  
Ion Ratio Lower Upper  
276 100  
138 21.2 20.0 30.0  
277 25.2 20.1 30.1

Manual Integrations  
APPROVED

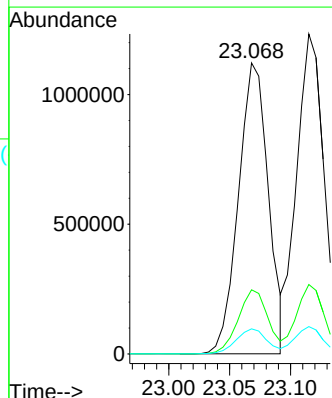
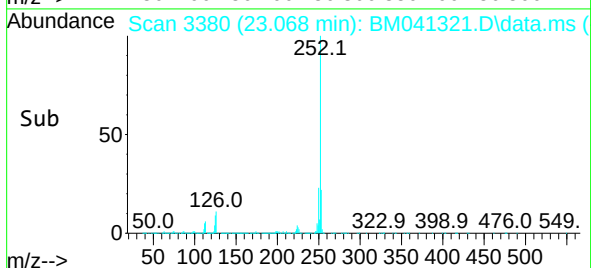
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/09/2023

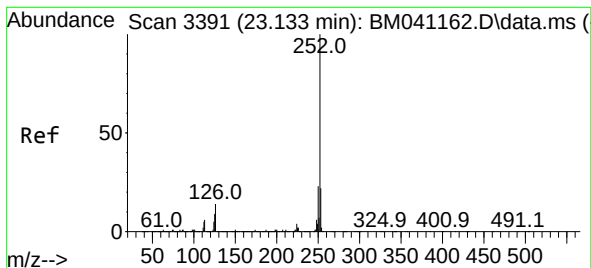


#88  
Benzo(b)fluoranthene  
Concen: 38.145 ng  
RT: 23.068 min Scan# 3380  
Delta R.T. -0.006 min  
Lab File: BM041321.D  
Acq: 08 Aug 2023 08:56



Tgt Ion:252 Resp: 1913908  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.7 26.5  
125 8.6 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 38.100 ng

RT: 23.115 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 195545

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

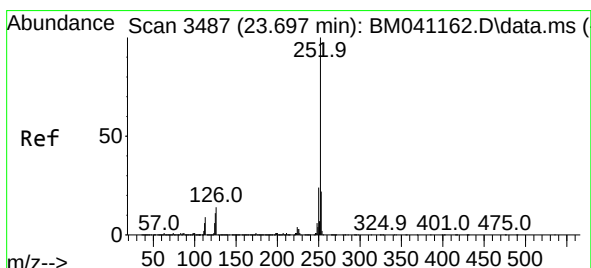
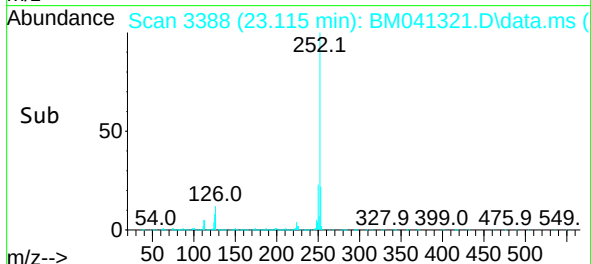
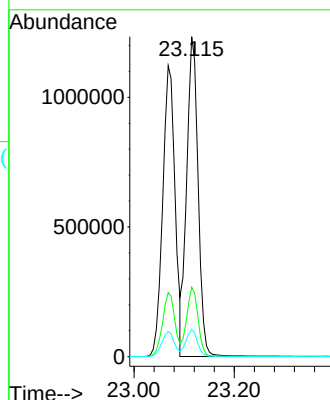
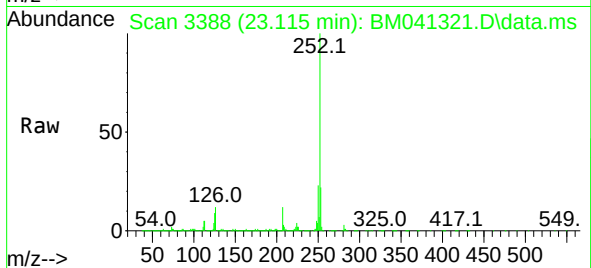
125 8.5 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#90

Benzo(a)pyrene

Concen: 38.688 ng

RT: 23.686 min Scan# 3485

Delta R.T. 0.000 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

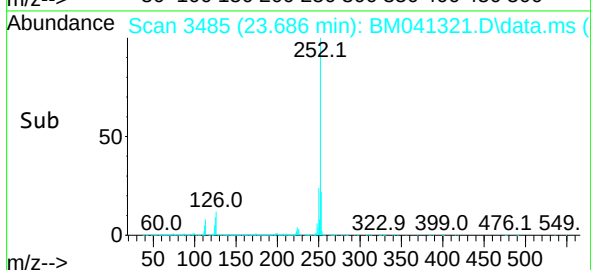
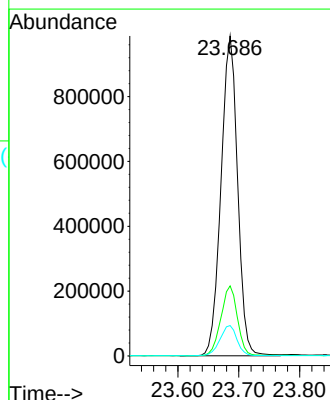
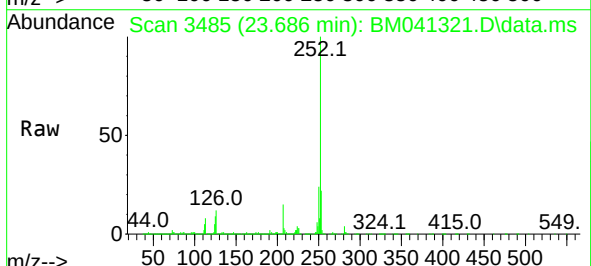
Tgt Ion:252 Resp: 1865161

Ion Ratio Lower Upper

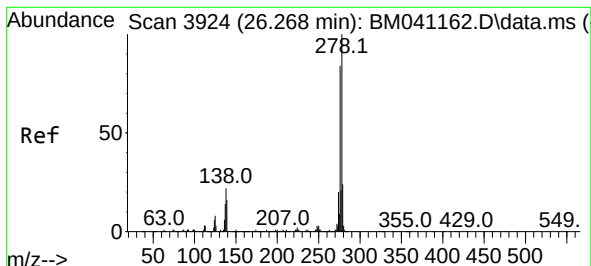
252 100

253 21.9 17.3 25.9

125 9.5 9.0 13.4







#91

Dibenzo(a,h)anthracene

Concen: 37.395 ng

RT: 26.250 min Scan# 3924

Delta R.T. -0.006 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 1936819

Ion Ratio Lower Upper

278 100

139 13.4 12.7 19.1

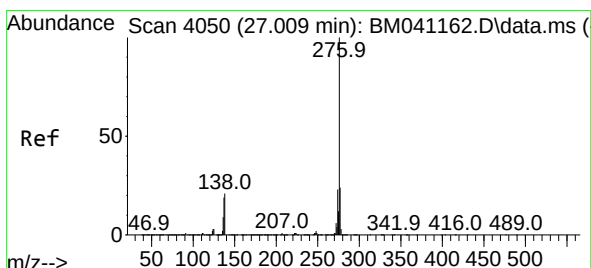
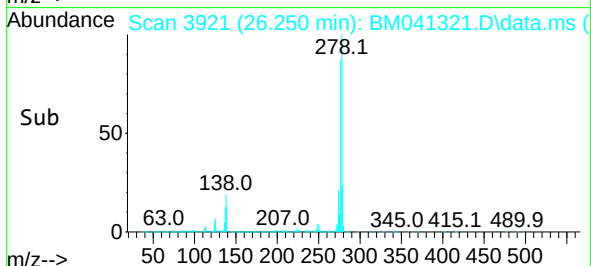
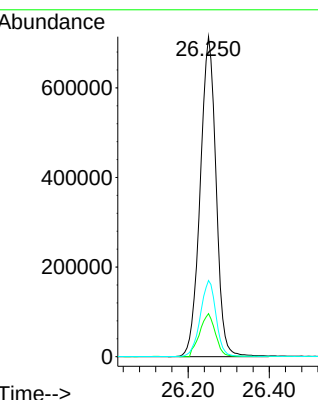
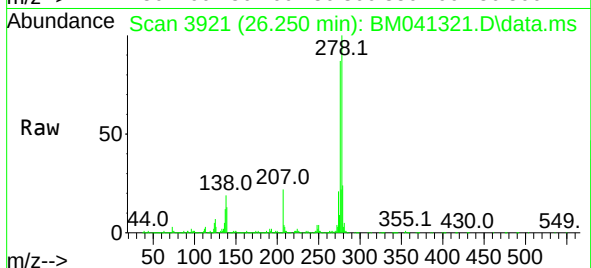
279 23.8 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#92

Benzo(g,h,i)perylene

Concen: 36.720 ng

RT: 26.991 min Scan# 4047

Delta R.T. -0.006 min

Lab File: BM041321.D

Acq: 08 Aug 2023 08:56

Tgt Ion:276 Resp: 1860947

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 18.3 17.1 25.7

