

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080723\  
 Data File : BM041308.D  
 Acq On : 07 Aug 2023 12:24  
 Operator : MA/JU  
 Sample : PB154638BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB154638BS

Manual Integrations  
 APPROVED

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

Quant Time: Aug 07 17:29:19 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     | 7.786  | 152  | 149527   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.592 | 136  | 574647   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.451 | 164  | 314862   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.215 | 188  | 618266   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.421 | 240  | 573952   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.791 | 264  | 691251   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.363  | 112  | 1055690  | 105.521 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.975  | 99   | 1282523  | 98.897  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.963  | 82   | 853528   | 69.074  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.956 | 330  | 483669   | 108.603 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.068 | 172  | 1761875  | 70.688  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.850 | 244  | 2417906  | 76.168  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.257  | 88   | 119868   | 28.008  | ng    | 96       |
| 3) Pyridine                   | 3.657  | 79   | 306883   | 27.271  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.575  | 42   | 169423   | 32.553  | ng    | 97       |
| 6) Aniline                    | 7.122  | 93   | 482691   | 31.804  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.351  | 128  | 383558   | 39.271  | ng    | 99       |
| 9) Benzaldehyde               | 6.934  | 77   | 224746m  | 32.844  | ng    |          |
| 10) Phenol                    | 6.998  | 94   | 470939   | 37.599  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.222  | 93   | 379913   | 37.471  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.669  | 146  | 427626   | 40.223  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.822  | 146  | 436860   | 40.882  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.133  | 146  | 418800   | 40.875  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.045  | 79   | 338001m  | 41.272  | ng    |          |
| 16) 2,2'-oxybis(1-Chloropr... | 8.328  | 45   | 466017   | 34.497  | ng    | 96       |
| 17) 2-Methylphenol            | 8.245  | 107  | 308772   | 36.083  | ng    | 99       |
| 18) Hexachloroethane          | 8.851  | 117  | 166892   | 41.951  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.604  | 70   | 297052   | 37.712  | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.580  | 107  | 412549   | 36.057  | ng    | 98       |
| 22) Acetophenone              | 8.628  | 105  | 570356   | 37.476  | ng    | # 98     |
| 24) Nitrobenzene              | 9.010  | 77   | 452585   | 36.218  | ng    | 100      |
| 25) Isophorone                | 9.533  | 82   | 778629   | 37.120  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.716  | 139  | 203780   | 41.715  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 9.780  | 122  | 302074   | 35.141  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.016 | 93   | 467195   | 35.557  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.251 | 162  | 341789   | 39.428  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.457 | 180  | 394436   | 41.183  | ng    | 98       |
| 31) Naphthalene               | 10.645 | 128  | 1125033  | 36.078  | ng    | 99       |
| 32) Benzoic acid              | 9.951  | 122  | 236417   | 38.316  | ng    | 94       |
| 33) 4-Chloroaniline           | 10.774 | 127  | 321078   | 25.764  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.910 | 225  | 253058   | 43.932  | ng    | 98       |
| 35) Caprolactam               | 11.586 | 113  | 91225    | 36.378  | ng    | 93       |
| 36) 4-Chloro-3-methylphenol   | 11.910 | 107  | 335314   | 36.751  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.263 | 142  | 739162   | 35.159  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.480 | 142  | 703711   | 35.764  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.633 | 216  | 415907   | 40.680  | ng    | # 97     |
| 41) Hexachlorocyclopentadiene | 12.598 | 237  | 483291   | 89.351  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.886 | 196  | 266910   | 40.731  | ng    | 99       |

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Manual Integrations  
 APPROVED

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

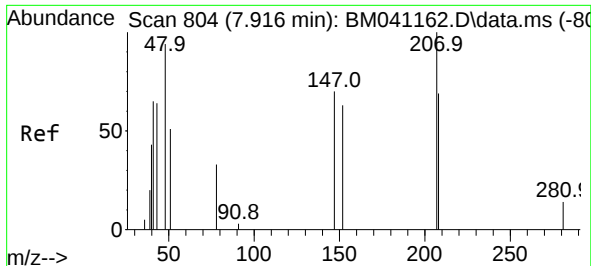
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.963 | 196  | 284711   | 37.538  | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.280 | 154  | 945388   | 37.037  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.327 | 162  | 744982   | 39.088  | ng    | 98       |
| 48) 2-Nitroaniline            | 13.551 | 65   | 221535   | 36.415  | ng    | 100      |
| 49) Acenaphthylene            | 14.174 | 152  | 1159172  | 37.681  | ng    | 100      |
| 50) Dimethylphthalate         | 13.921 | 163  | 851108   | 35.935  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.051 | 165  | 185621   | 37.824  | ng    | 99       |
| 52) Acenaphthene              | 14.515 | 154  | 658470   | 35.531  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.386 | 138  | 156039   | 28.580  | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 14.604 | 184  | 244567   | 74.251  | ng    | 89       |
| 55) Dibenzofuran              | 14.857 | 168  | 1069397  | 35.368  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.710 | 139  | 301097   | 73.619  | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 14.845 | 165  | 253856   | 36.878  | ng    | 97       |
| 58) Fluorene                  | 15.509 | 166  | 845357   | 35.440  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.092 | 232  | 241142   | 39.263  | ng    | 96       |
| 60) Diethylphthalate          | 15.286 | 149  | 831650   | 36.310  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.504 | 204  | 444851   | 37.216  | ng    | 97       |
| 62) 4-Nitroaniline            | 15.557 | 138  | 170499   | 33.908  | ng    | 95       |
| 63) Azobenzene                | 15.798 | 77   | 864552   | 34.460  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.615 | 198  | 149102   | 39.809  | ng    | 90       |
| 66) n-Nitrosodiphenylamine    | 15.727 | 169  | 704668   | 36.647  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.404 | 248  | 262174   | 38.676  | ng    | 99       |
| 68) Hexachlorobenzene         | 16.509 | 284  | 309007   | 40.995  | ng    | 99       |
| 69) Atrazine                  | 16.686 | 200  | 246976   | 48.909  | ng    | 99       |
| 70) Pentachlorophenol         | 16.868 | 266  | 351743   | 67.389  | ng    | 99       |
| 71) Phenanthrene              | 17.256 | 178  | 1238533  | 36.055  | ng    | 99       |
| 72) Anthracene                | 17.351 | 178  | 1257840  | 37.024  | ng    | 100      |
| 73) Carbazole                 | 17.633 | 167  | 1128840  | 36.710  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.186 | 149  | 1389461  | 39.987  | ng    | 99       |
| 75) Fluoranthene              | 19.286 | 202  | 1428107  | 37.004  | ng    | 98       |
| 77) Benzidine                 | 19.486 | 184  | 804052   | 102.782 | ng    | 99       |
| 78) Pyrene                    | 19.644 | 202  | 1490849  | 37.144  | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.550 | 149  | 616200   | 42.040  | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.403 | 228  | 1508329  | 38.765  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.344 | 252  | 553772   | 43.616  | ng    | 99       |
| 83) Chrysene                  | 21.456 | 228  | 1383854  | 36.771  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.327 | 149  | 924364   | 40.150  | ng #  | 97       |
| 85) Di-n-octyl phthalate      | 22.244 | 149  | 1632840  | 44.078  | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.244 | 276  | 1951625  | 38.401  | ng    | 96       |
| 88) Benzo(b)fluoranthene      | 23.068 | 252  | 1555569  | 37.881  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.115 | 252  | 1534130  | 36.522  | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.685 | 252  | 1398619  | 35.446  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 26.256 | 278  | 1650448  | 38.935  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 26.997 | 276  | 1548954  | 37.344  | ng    | 96       |

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

## Manual Integrations

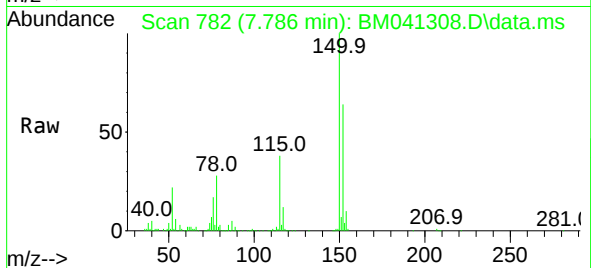
Quant Time: Aug 07 17:29:19 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM072823.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Aug 07 17:25:06 2023  
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#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.786 min Scan# 71  
Delta R.T. -0.001 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

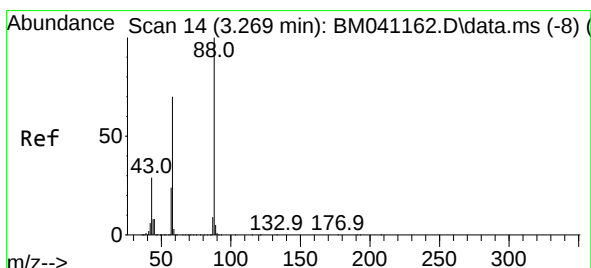
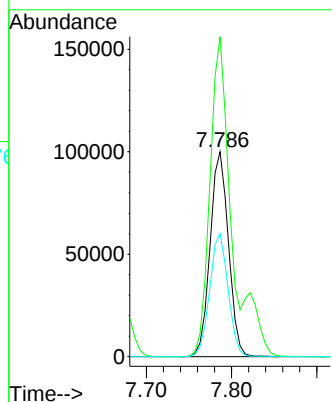
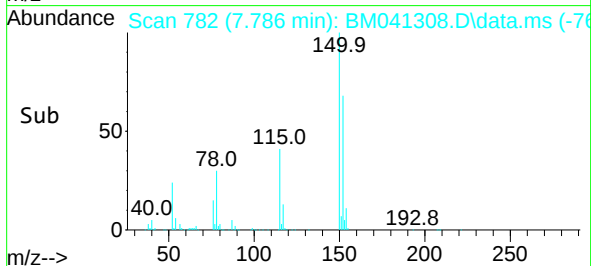
Instrument :  
BNA\_M  
ClientSampleId :  
PB154638BS



Tgt Ion:152 Resp: 14952  
Ion Ratio Lower Upper  
152 100  
150 156.2 125.5 188.3  
115 60.0 48.0 72.0

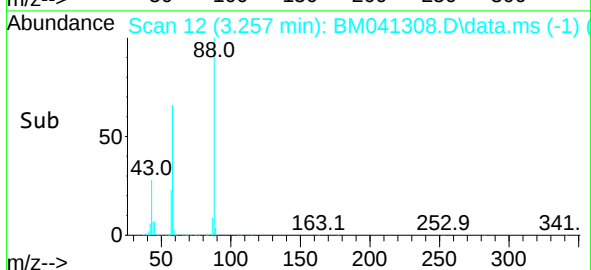
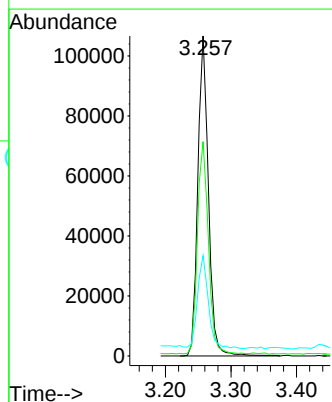
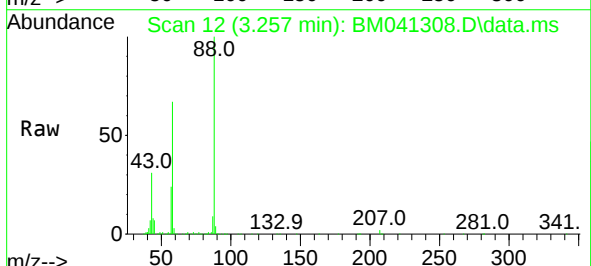
Manual Integrations  
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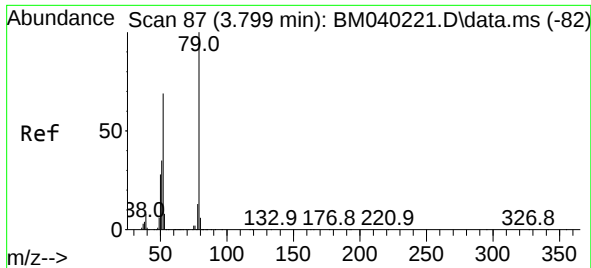
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#2  
1,4-Dioxane  
Concen: 28.008 ng  
RT: 3.257 min Scan# 12  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

Tgt Ion: 88 Resp: 119868  
Ion Ratio Lower Upper  
88 100  
58 68.2 58.2 87.4  
43 30.0 24.4 36.6





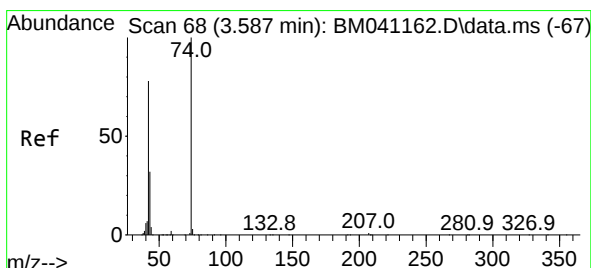
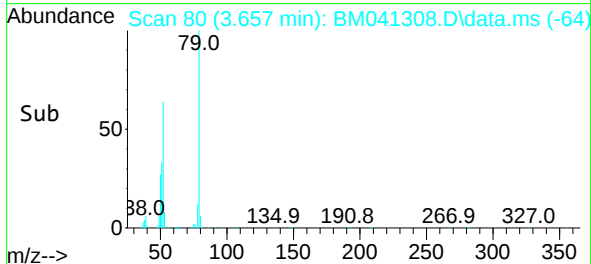
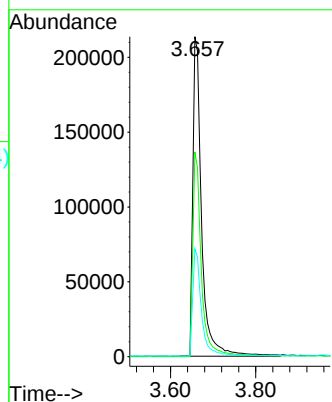
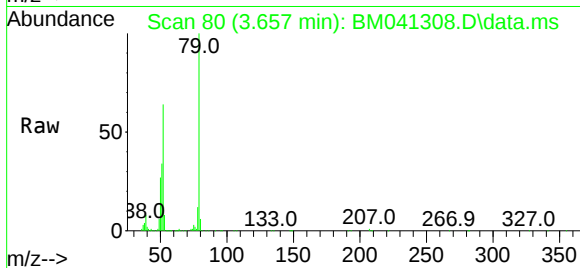
#3  
Pyridine  
Concen: 27.271 ng  
RT: 3.657 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

Instrument :  
BNA\_M  
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Tgt Ion: 79 Resp: 30688  
Ion Ratio Lower Upper  
79 100  
52 63.9 52.1 78.1  
51 33.7 27.5 41.3

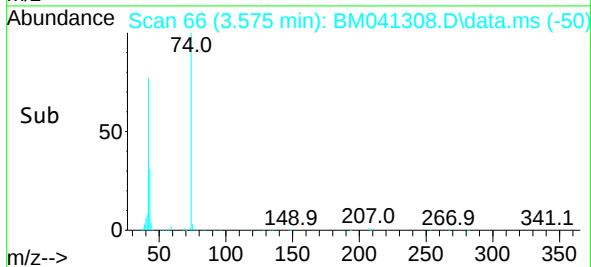
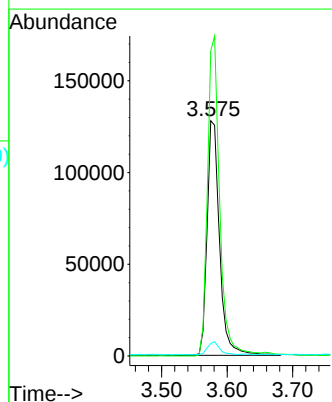
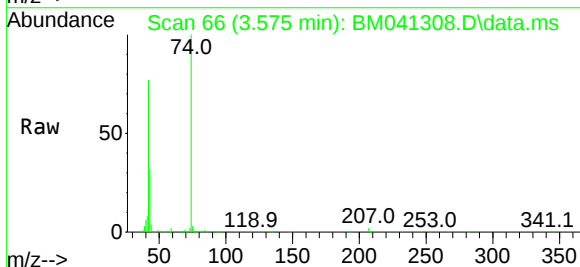
Manual Integrations  
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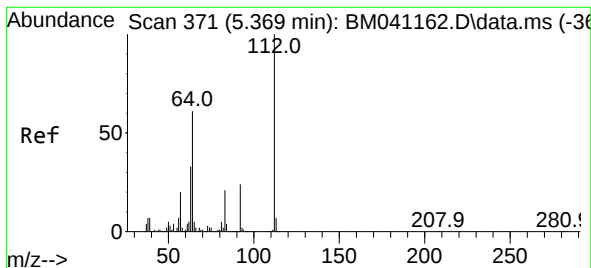
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#4  
n-Nitrosodimethylamine  
Concen: 32.553 ng  
RT: 3.575 min Scan# 66  
Delta R.T. -0.006 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

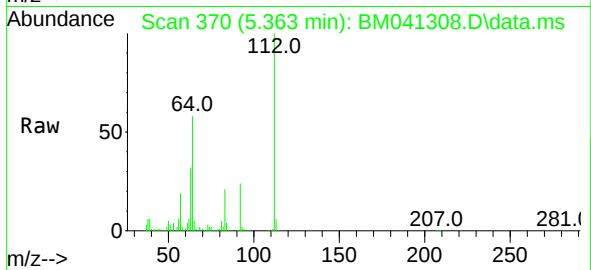
Tgt Ion: 42 Resp: 169423  
Ion Ratio Lower Upper  
42 100  
74 129.7 100.8 151.2  
44 5.3 5.0 7.4





#5  
2-Fluorophenol  
Concen: 105.521 ng  
RT: 5.363 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

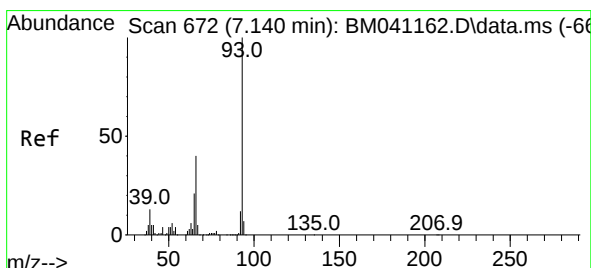
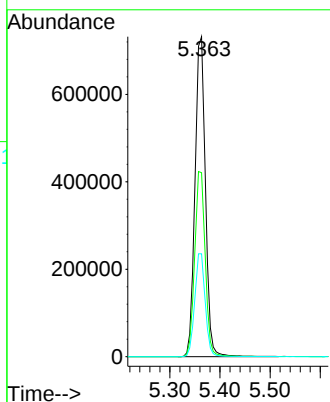
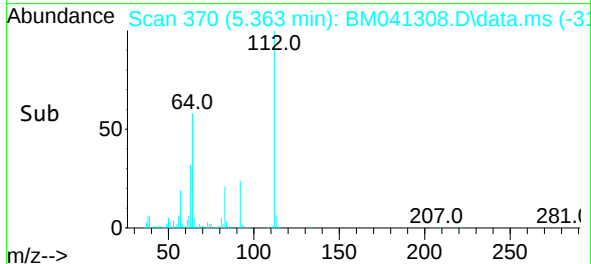
Instrument :  
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ClientSampleId :  
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Tgt Ion:112 Resp: 1055690  
Ion Ratio Lower Upper  
112 100  
64 57.5 48.5 72.7  
63 32.2 26.5 39.7

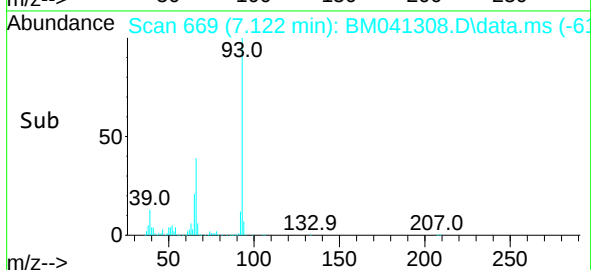
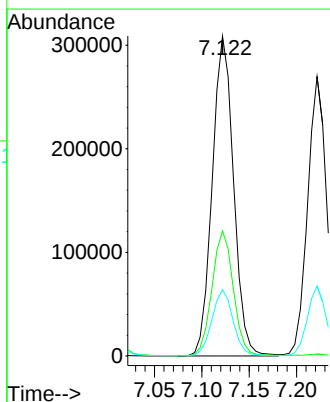
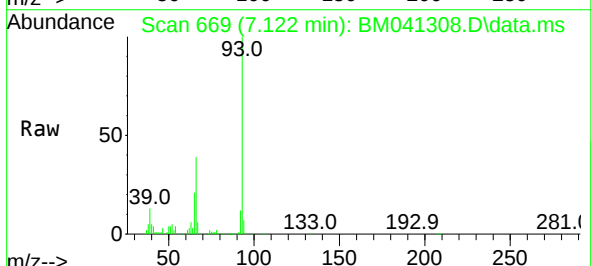
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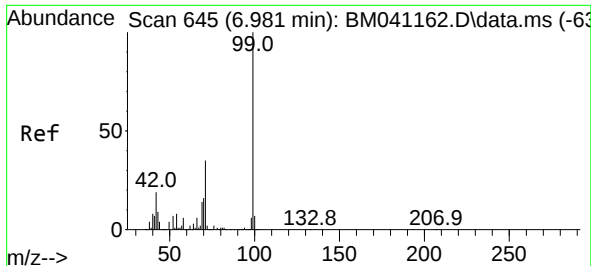
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#6  
Aniline  
Concen: 31.804 ng  
RT: 7.122 min Scan# 669  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

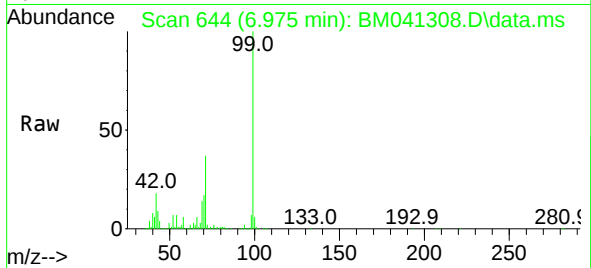
Tgt Ion: 93 Resp: 482691  
Ion Ratio Lower Upper  
93 100  
66 39.1 32.0 48.0  
65 20.7 16.6 24.8





#7  
Phenol-d6  
Concen: 98.897 ng  
RT: 6.975 min Scan# 645  
Delta R.T. 0.006 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

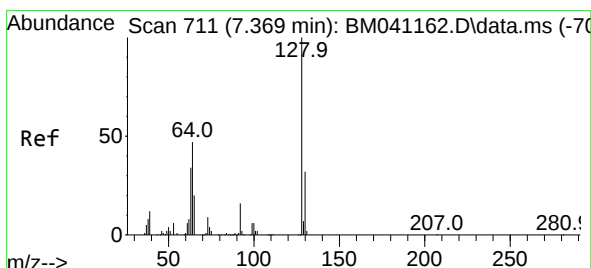
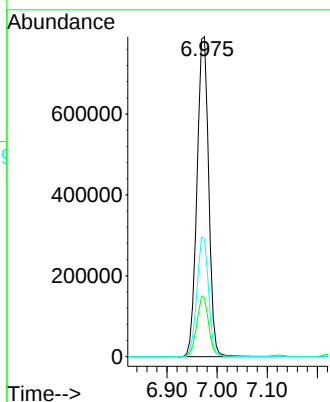
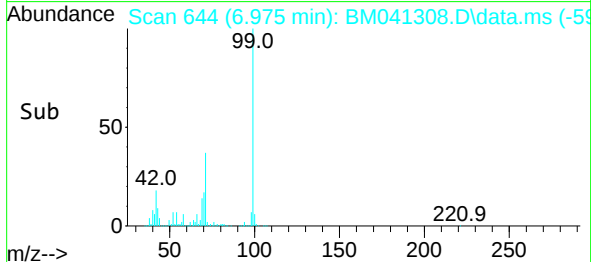
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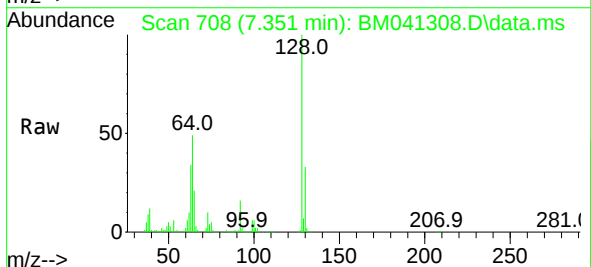
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71 37.0 28.2 42.4

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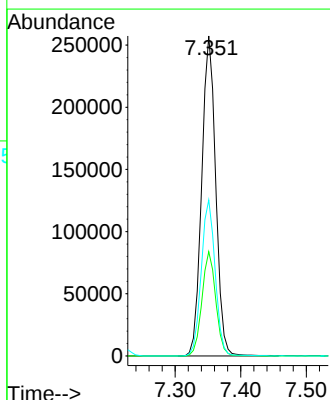
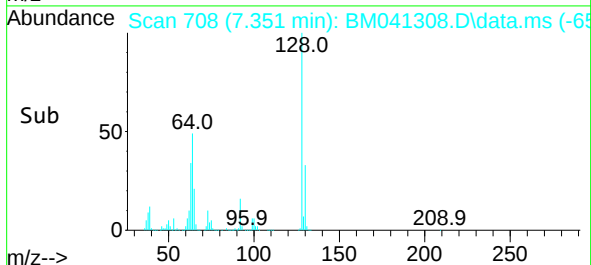
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

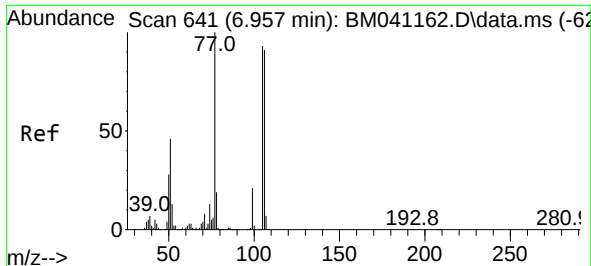


#8  
2-Chlorophenol  
Concen: 39.271 ng  
RT: 7.351 min Scan# 708  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24



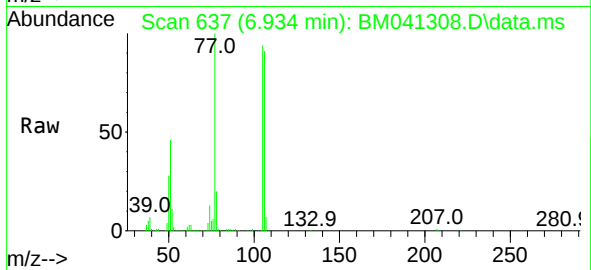
Tgt Ion:128 Resp: 383558  
Ion Ratio Lower Upper  
128 100  
130 32.6 12.3 52.3  
64 48.7 29.3 69.3





#9  
Benzaldehyde  
Concen: 32.844 ng m  
RT: 6.934 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

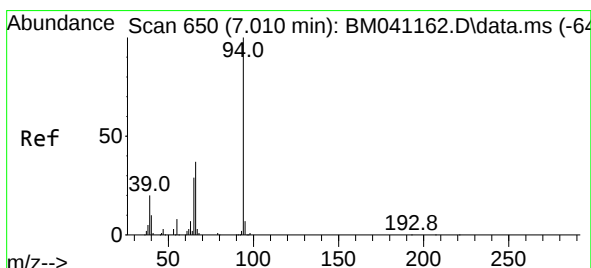
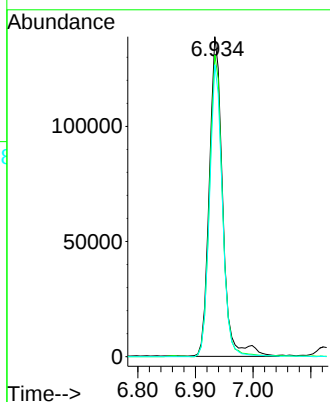
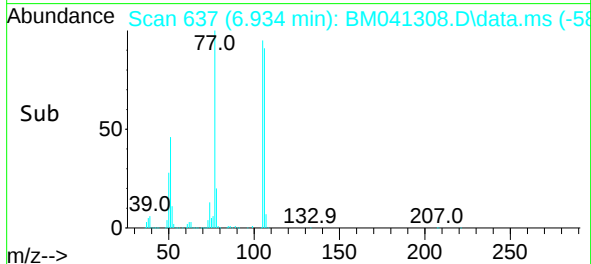
Instrument :  
BNA\_M  
ClientSampleId :  
PB154638BS



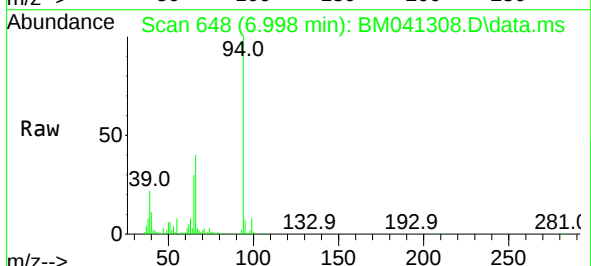
Tgt Ion: 77 Resp: 224740  
Ion Ratio Lower Upper  
77 100  
105 94.3 72.8 112.8  
106 91.2 70.8 110.8

Manual Integrations  
APPROVED

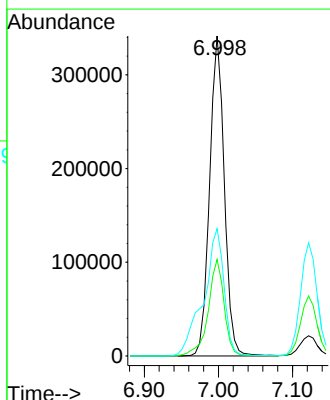
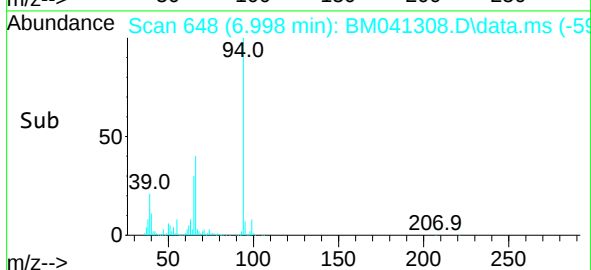
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

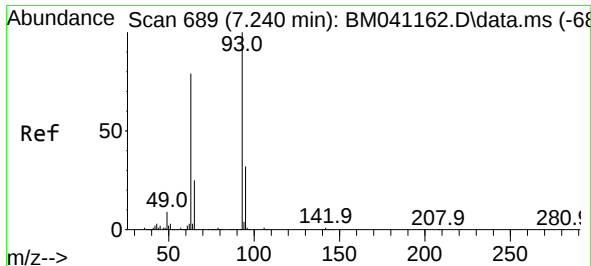


#10  
Phenol  
Concen: 37.599 ng  
RT: 6.998 min Scan# 648  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24



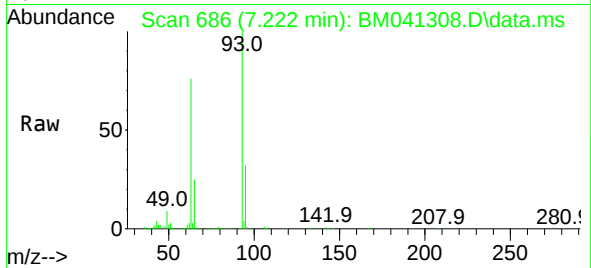
Tgt Ion: 94 Resp: 470939  
Ion Ratio Lower Upper  
94 100  
65 30.2 9.5 49.5  
66 39.8 18.0 58.0





#11  
bis(2-Chloroethyl)ether  
Concen: 37.471 ng  
RT: 7.222 min Scan# 686  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

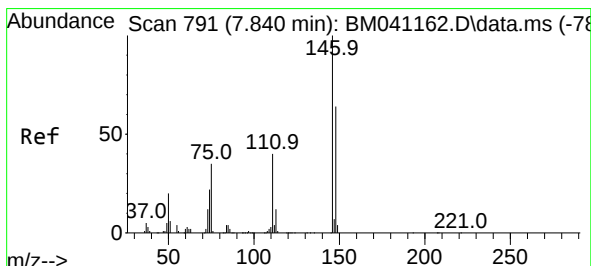
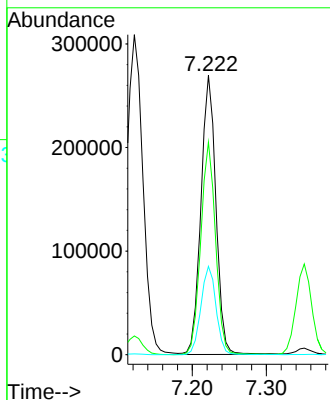
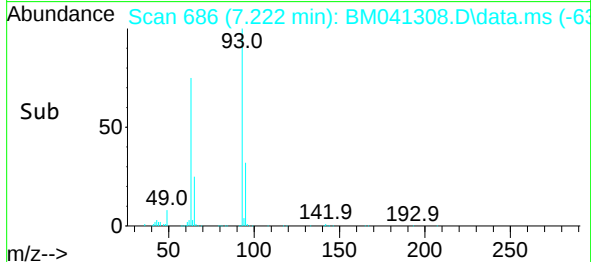
Instrument :  
BNA\_M  
ClientSampleId :  
PB154638BS



Tgt Ion: 93 Resp: 379911  
Ion Ratio Lower Upper  
93 100  
63 76.1 58.8 98.8  
95 31.6 11.8 51.8

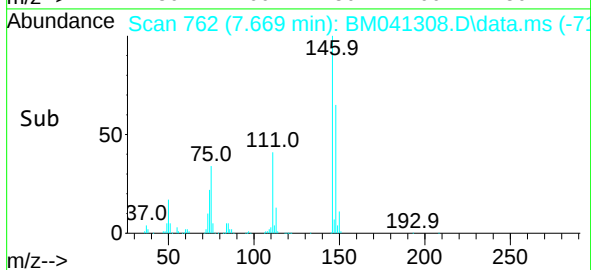
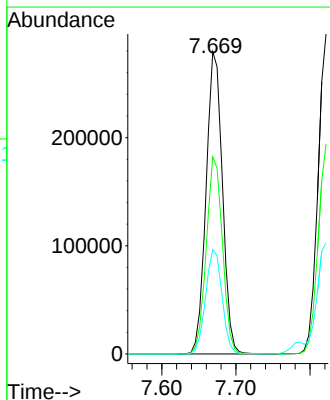
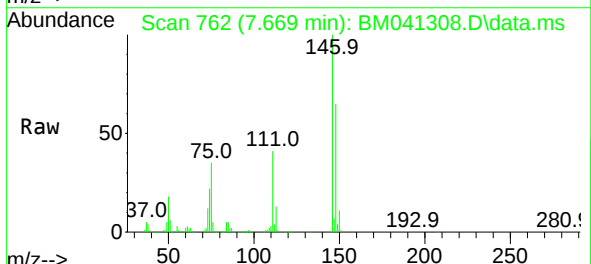
Manual Integrations  
APPROVED

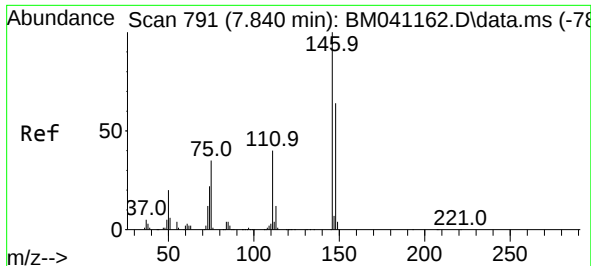
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#12  
1,3-Dichlorobenzene  
Concen: 40.223 ng  
RT: 7.669 min Scan# 762  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

Tgt Ion:146 Resp: 427626  
Ion Ratio Lower Upper  
146 100  
148 65.2 51.9 77.9  
75 34.5 28.3 42.5





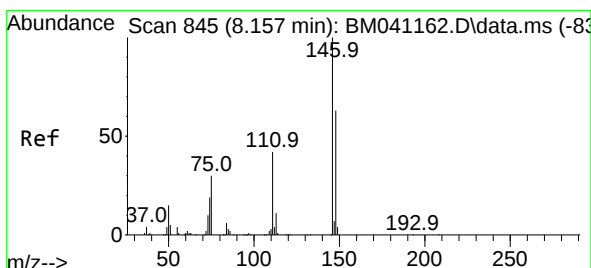
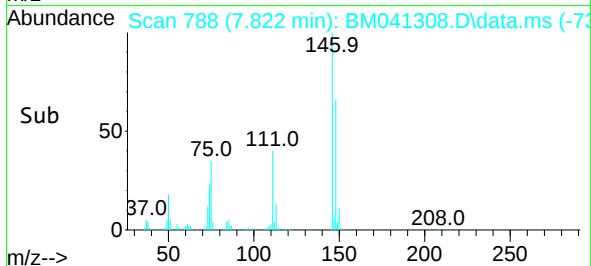
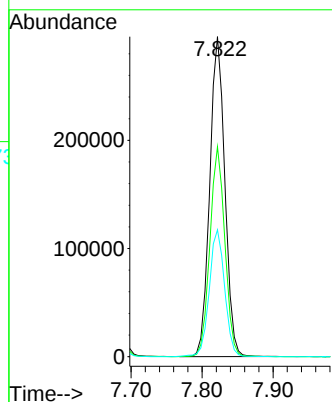
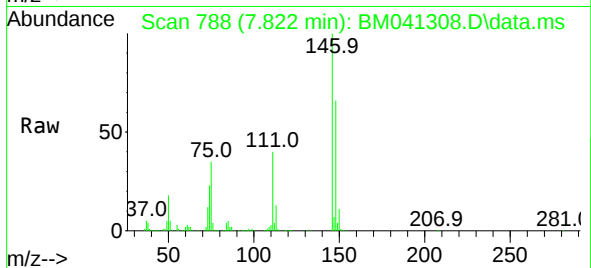
#13  
1,4-Dichlorobenzene  
Concen: 40.882 ng  
RT: 7.822 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

Instrument :  
BNA\_M  
ClientSampleId :  
PB154638BS

Tgt Ion:146 Resp: 436860  
Ion Ratio Lower Upper  
146 100  
148 65.6 51.4 77.0  
111 39.6 32.4 48.6

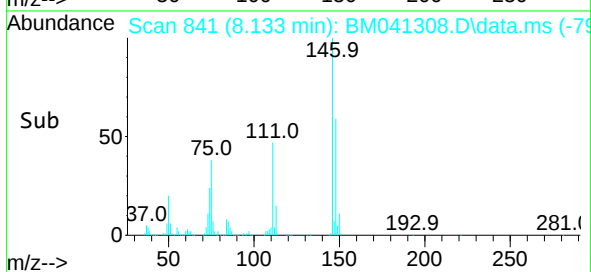
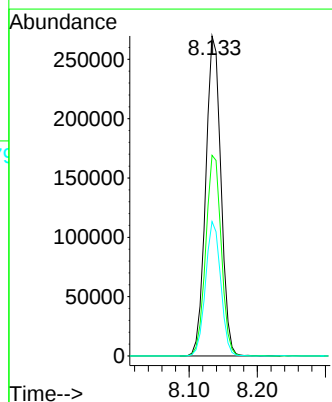
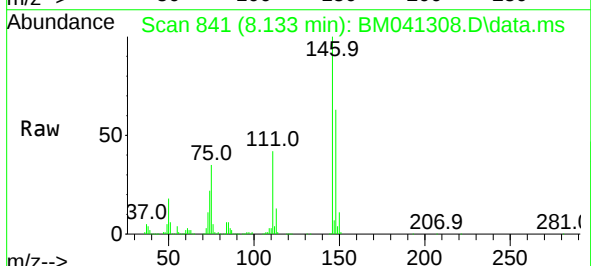
Manual Integrations  
APPROVED

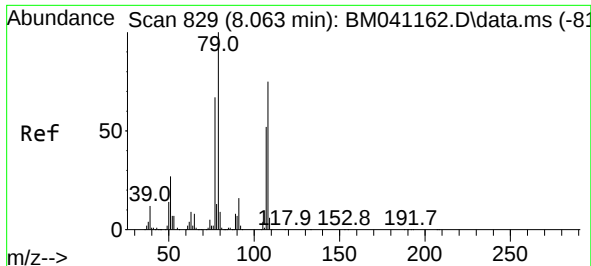
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#14  
1,2-Dichlorobenzene  
Concen: 40.875 ng  
RT: 8.133 min Scan# 841  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

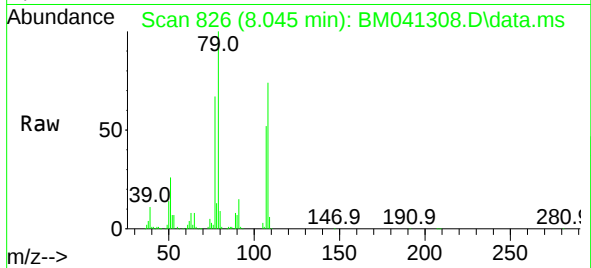
Tgt Ion:146 Resp: 418800  
Ion Ratio Lower Upper  
146 100  
148 62.7 50.9 76.3  
111 42.0 33.8 50.6





#15  
Benzyl Alcohol  
Concen: 41.272 ng m  
RT: 8.045 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

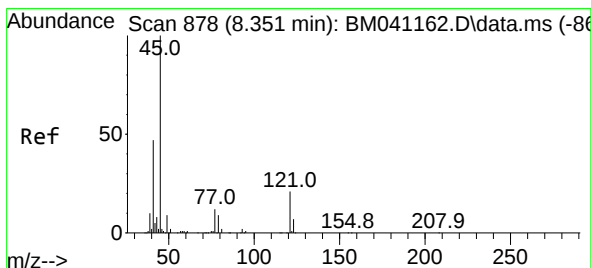
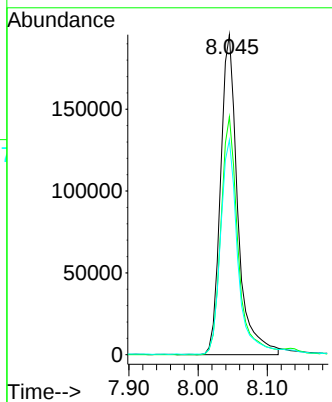
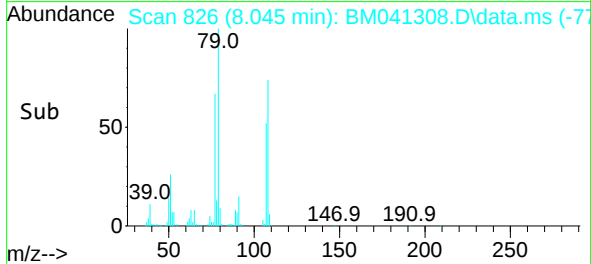
Instrument :  
BNA\_M  
ClientSampleId :  
PB154638BS



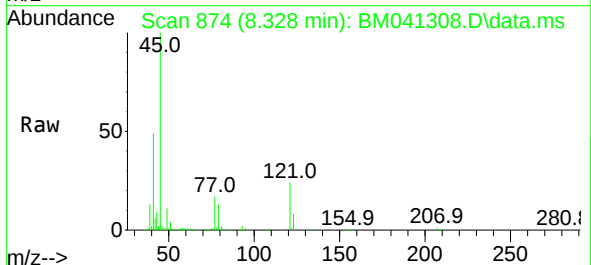
Tgt Ion: 79 Resp: 33800  
Ion Ratio Lower Upper  
79 100  
108 74.3 59.8 89.8  
77 67.1 53.8 80.6

Manual Integrations  
APPROVED

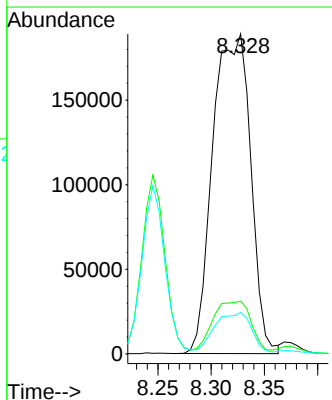
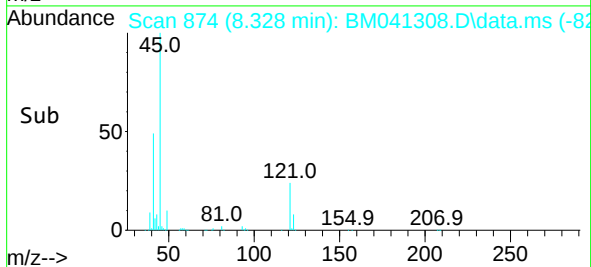
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

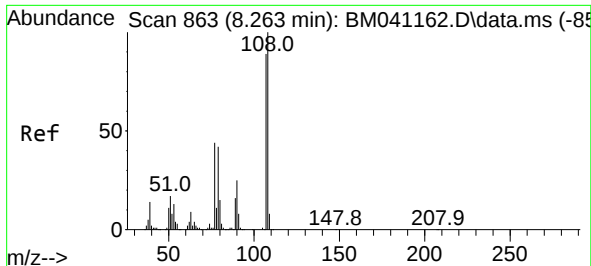


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 34.497 ng  
RT: 8.328 min Scan# 874  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24



Tgt Ion: 45 Resp: 466017  
Ion Ratio Lower Upper  
45 100  
77 16.5 0.0 34.5  
79 13.0 0.0 32.1





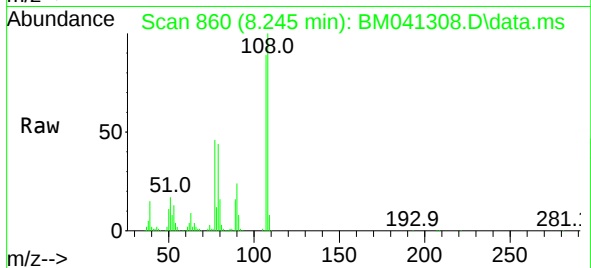
#17  
2-Methylphenol  
Concen: 36.083 ng  
RT: 8.245 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

Instrument :

BNA\_M

ClientSampleId :

PB154638BS

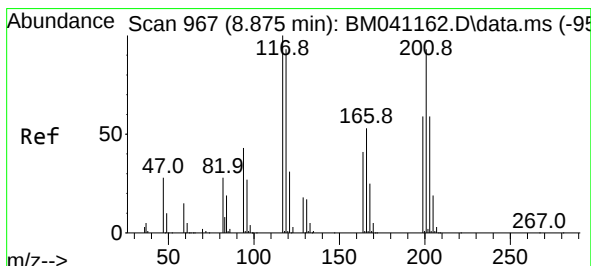
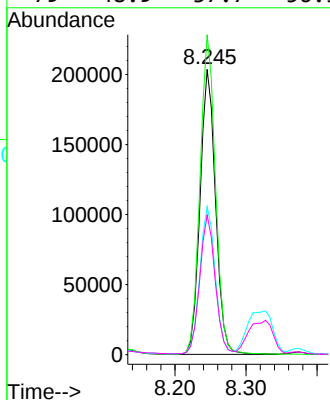
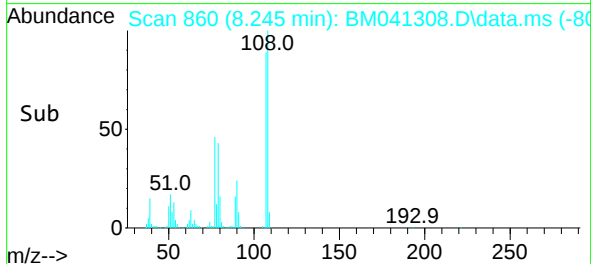


Tgt Ion:107 Resp: 308772  
Ion Ratio Lower Upper  
107 100  
108 112.2 89.9 134.9  
77 51.9 39.8 59.8  
79 48.9 37.7 56.5

Manual Integrations

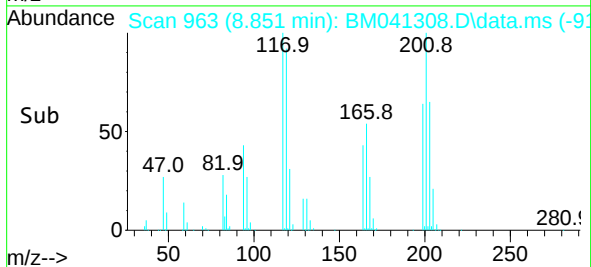
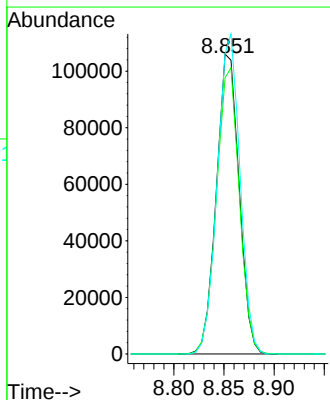
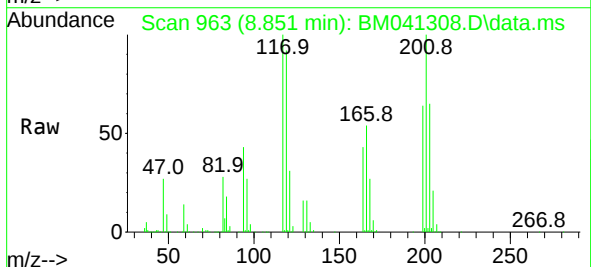
APPROVED

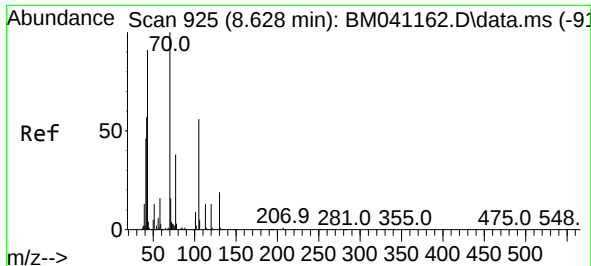
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#18  
Hexachloroethane  
Concen: 41.951 ng  
RT: 8.851 min Scan# 963  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

Tgt Ion:117 Resp: 166892  
Ion Ratio Lower Upper  
117 100  
119 92.1 74.2 111.4  
201 100.2 74.5 111.7





#19

n-Nitroso-di-n-propylamine

Concen: 37.712 ng

RT: 8.604 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM041308.D

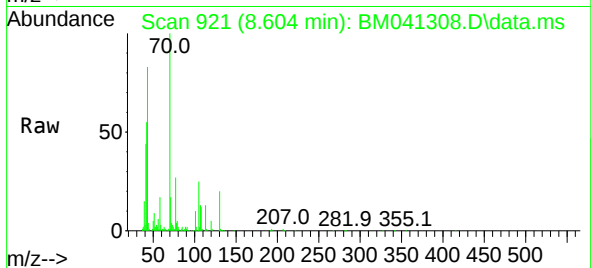
Acq: 07 Aug 2023 12:24

Instrument :

BNA\_M

ClientSampleId :

PB154638BS



Tgt Ion: 70 Resp: 297052

Ion Ratio Lower Upper

70 100

42 55.0 45.8 68.8

101 9.5 7.4 11.0

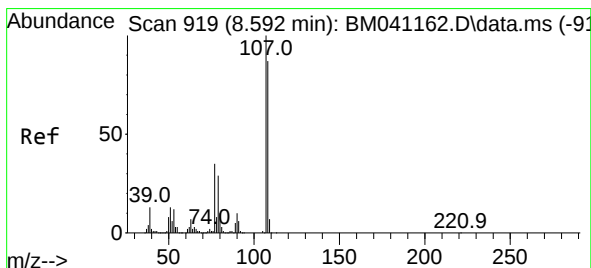
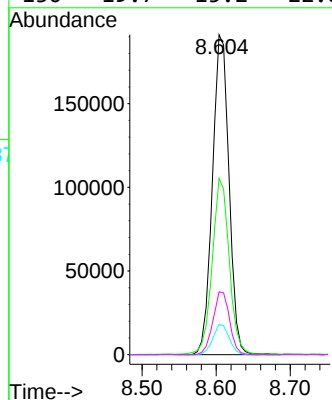
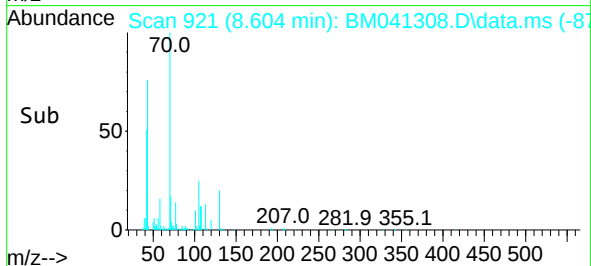
130 19.7 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2023

Supervised By :mohammad ahmed 08/08/2023



#20

3+4-Methylphenols

Concen: 36.057 ng

RT: 8.580 min Scan# 917

Delta R.T. 0.006 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

Tgt Ion:107 Resp: 412549

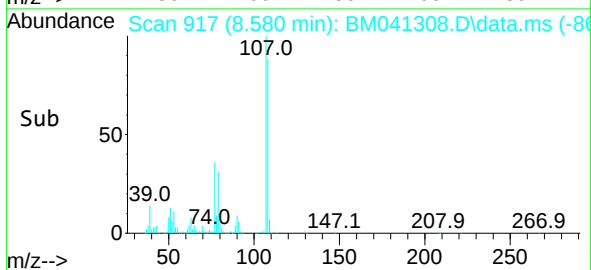
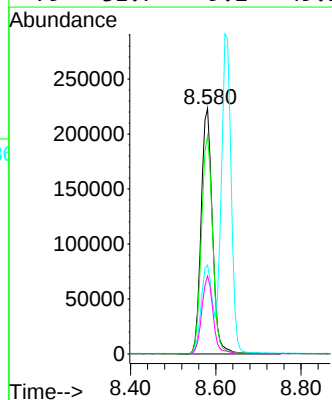
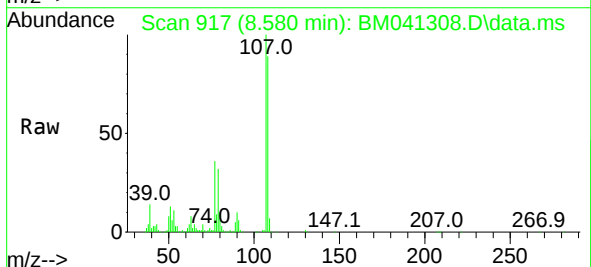
Ion Ratio Lower Upper

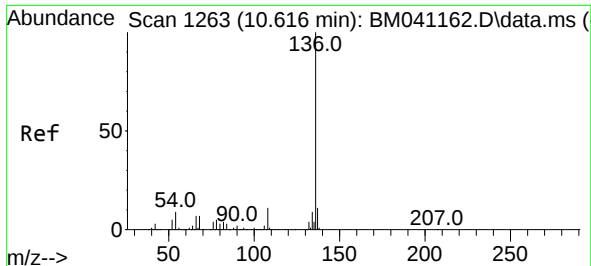
107 100

108 88.8 67.2 107.2

77 36.2 15.4 55.4

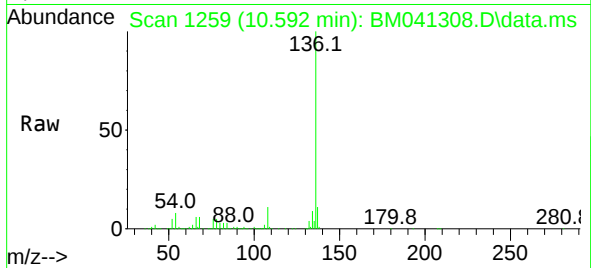
79 31.7 9.2 49.2





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.592 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

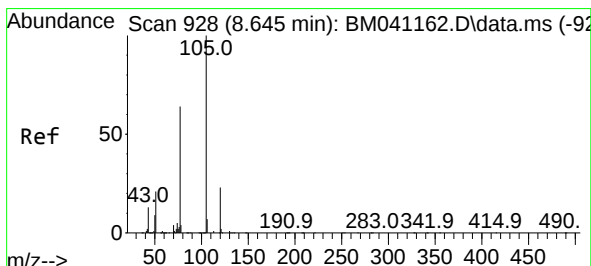
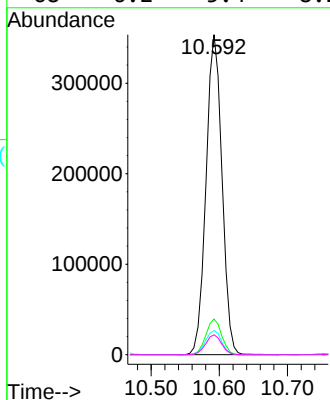
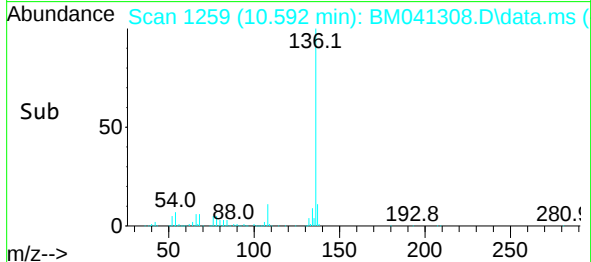
Instrument :  
BNA\_M  
ClientSampleId :  
PB154638BS



Tgt Ion:136 Resp: 57464  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.8 13.2  
54 7.6 6.9 10.3  
68 6.2 5.4 8.2

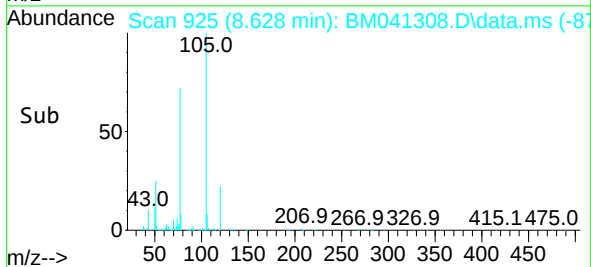
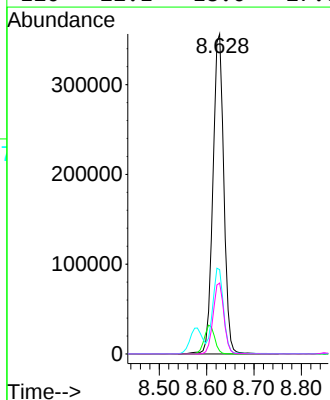
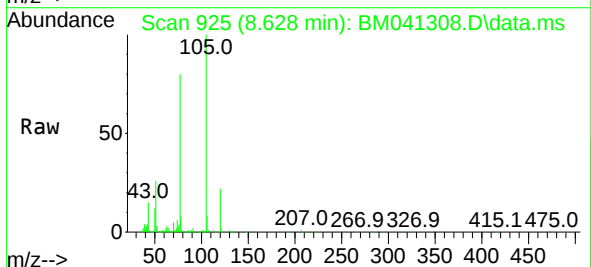
Manual Integrations  
APPROVED

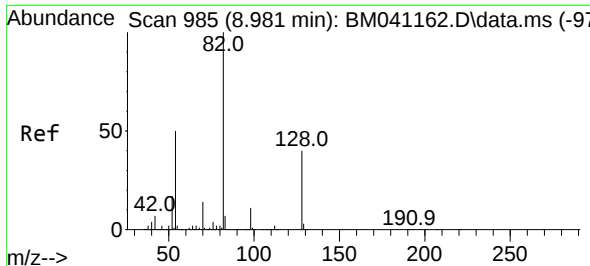
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#22  
Acetophenone  
Concen: 37.476 ng  
RT: 8.628 min Scan# 925  
Delta R.T. 0.006 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

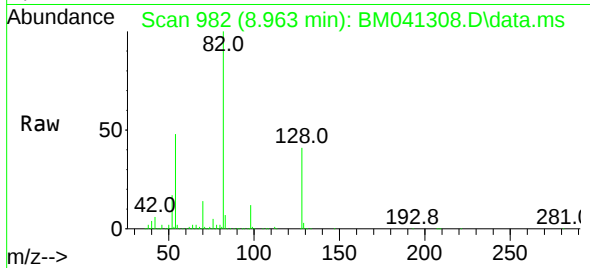
Tgt Ion:105 Resp: 570356  
Ion Ratio Lower Upper  
105 100  
71 0.9 1.2 1.8#  
51 26.4 22.0 33.0  
120 22.1 18.0 27.0





#23  
Nitrobenzene-d5  
Concen: 69.074 ng  
RT: 8.963 min Scan# 90  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

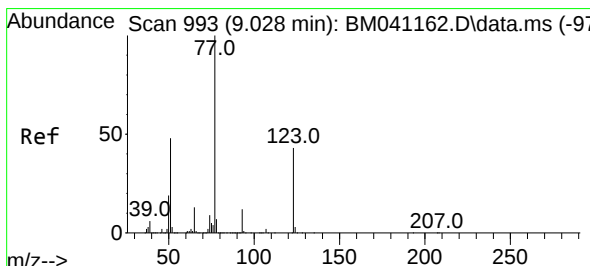
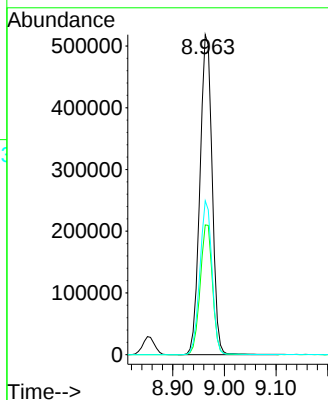
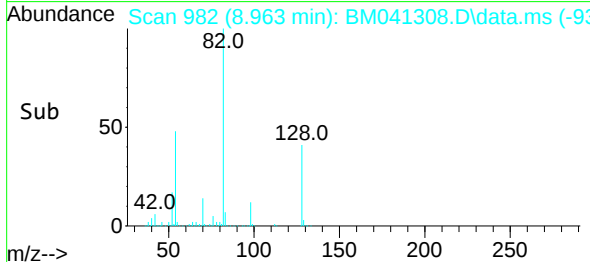
Instrument :  
BNA\_M  
ClientSampleId :  
PB154638BS



Tgt Ion: 82 Resp: 853528  
Ion Ratio Lower Upper  
82 100  
128 40.6 31.8 47.6  
54 48.1 40.1 60.1

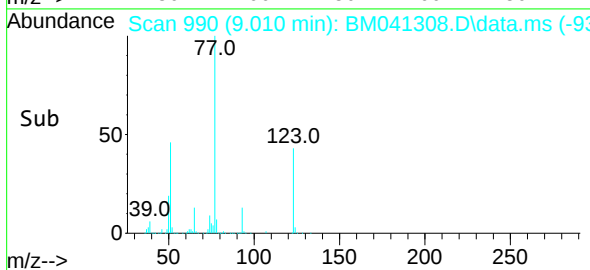
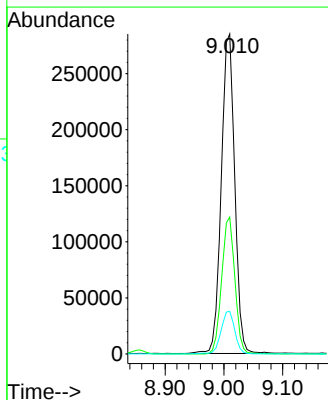
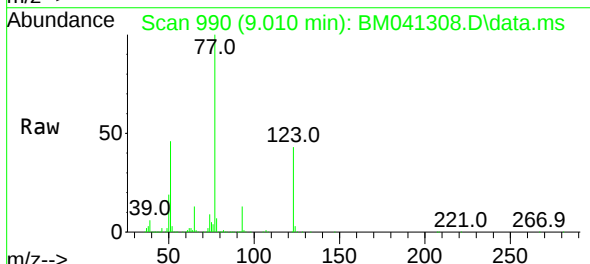
Manual Integrations  
APPROVED

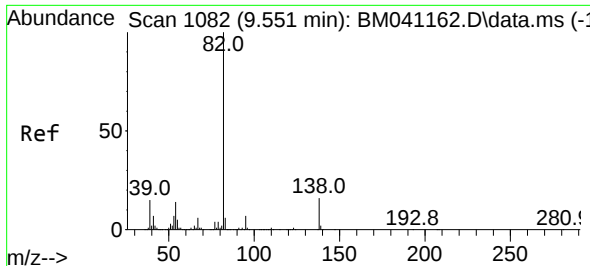
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#24  
Nitrobenzene  
Concen: 36.218 ng  
RT: 9.010 min Scan# 990  
Delta R.T. 0.006 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

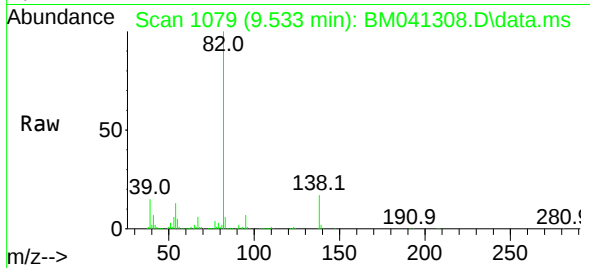
Tgt Ion: 77 Resp: 452585  
Ion Ratio Lower Upper  
77 100  
123 42.8 34.2 51.2  
65 13.3 10.7 16.1





#25  
Isophorone  
Concen: 37.120 ng  
RT: 9.533 min Scan# 1107  
Delta R.T. 0.006 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

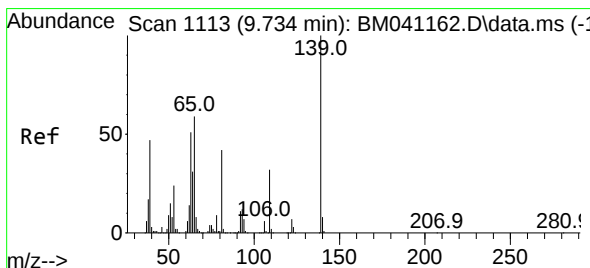
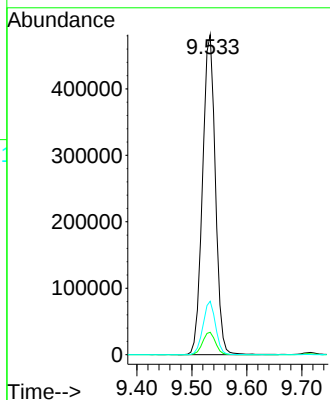
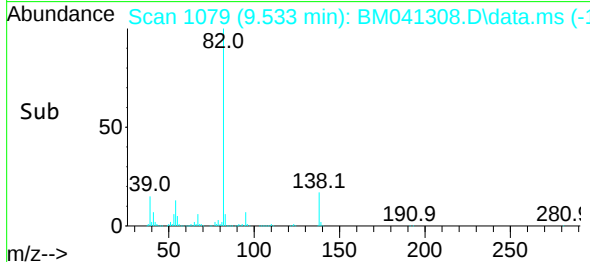
Instrument :  
BNA\_M  
ClientSampleId :  
PB154638BS



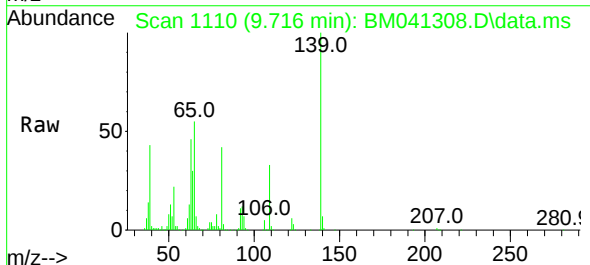
Tgt Ion: 82 Resp: 778629  
Ion Ratio Lower Upper  
82 100  
95 7.0 5.3 7.9  
138 16.7 12.8 19.2

Manual Integrations  
APPROVED

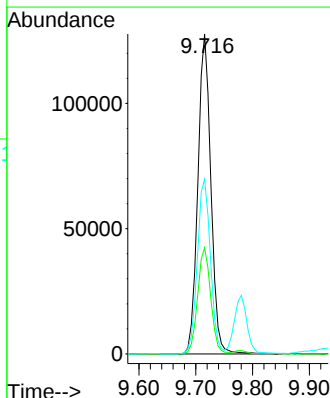
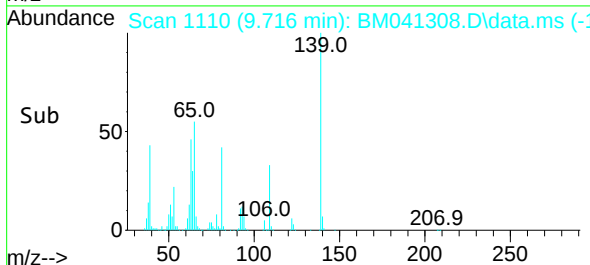
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

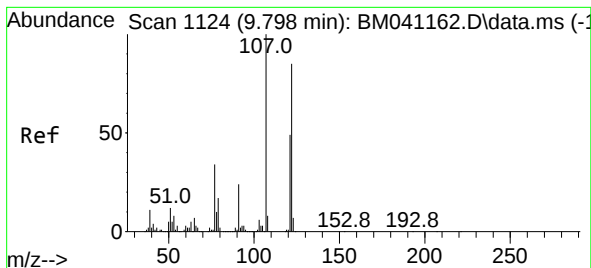


#26  
2-Nitrophenol  
Concen: 41.715 ng  
RT: 9.716 min Scan# 1110  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24



Tgt Ion:139 Resp: 203780  
Ion Ratio Lower Upper  
139 100  
109 33.2 25.4 38.2  
65 54.6 47.2 70.8





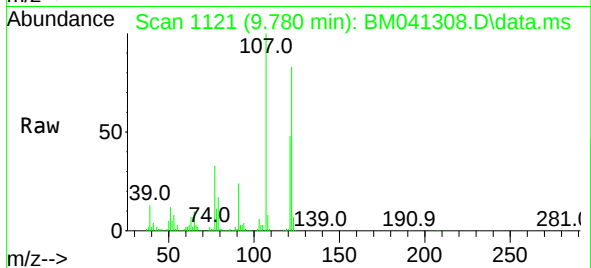
#27  
2,4-Dimethylphenol  
Concen: 35.141 ng  
RT: 9.780 min Scan# 1124  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

Instrument :

BNA\_M

ClientSampleId :

PB154638BS



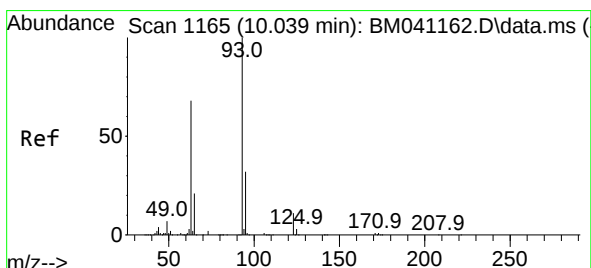
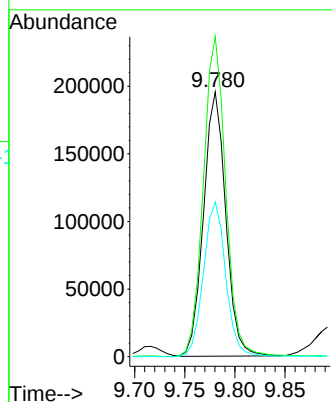
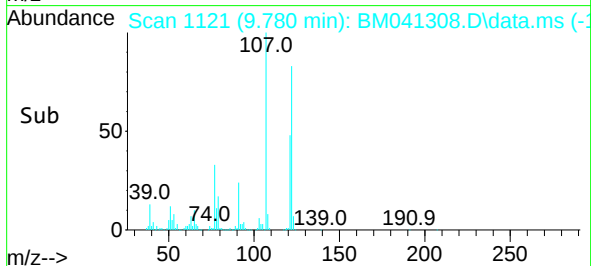
Tgt Ion:122 Resp: 302074  
Ion Ratio Lower Upper  
122 100  
107 120.8 94.3 141.5  
121 58.4 45.8 68.8

Manual Integrations

APPROVED

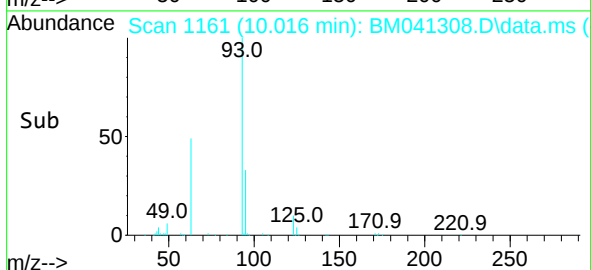
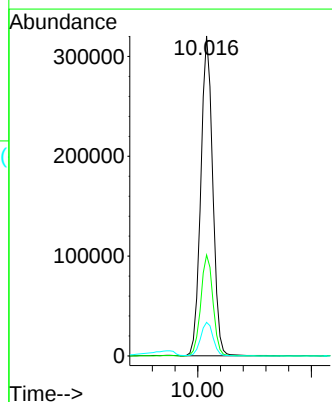
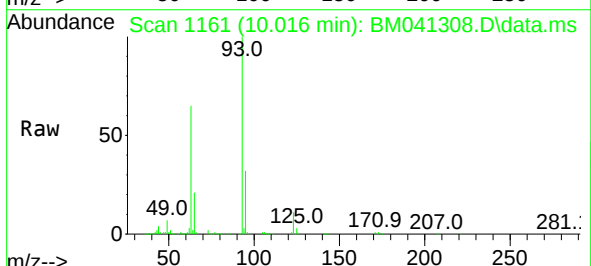
Reviewed By :Yogesh Patel 08/08/2023

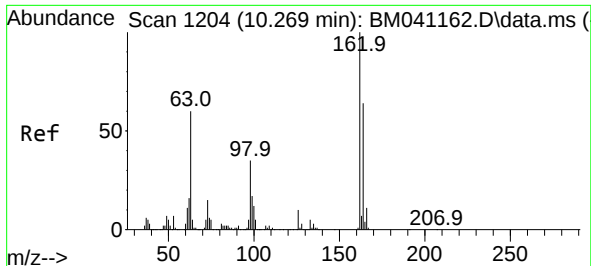
Supervised By :mohammad ahmed 08/08/2023



#28  
bis(2-Chloroethoxy)methane  
Concen: 35.557 ng  
RT: 10.016 min Scan# 1161  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

Tgt Ion: 93 Resp: 467195  
Ion Ratio Lower Upper  
93 100  
95 31.5 25.9 38.9  
123 10.5 9.1 13.7





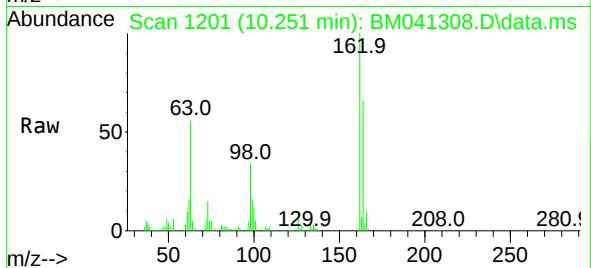
#29  
2,4-Dichlorophenol  
Concen: 39.428 ng  
RT: 10.251 min Scan# 1201  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

Instrument :

BNA\_M

ClientSampleId :

PB154638BS

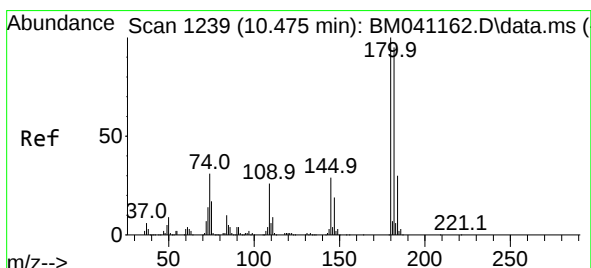
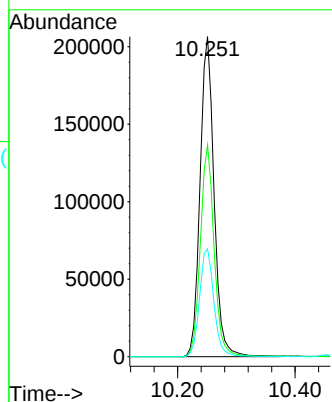
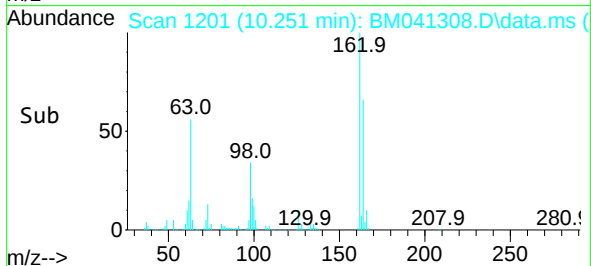


Tgt Ion:162 Resp: 341789  
Ion Ratio Lower Upper  
162 100  
164 66.2 44.3 84.3  
98 33.7 15.1 55.1

Manual Integrations

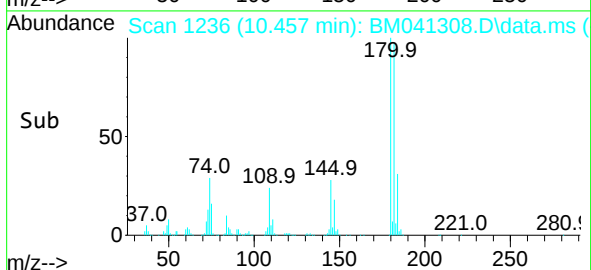
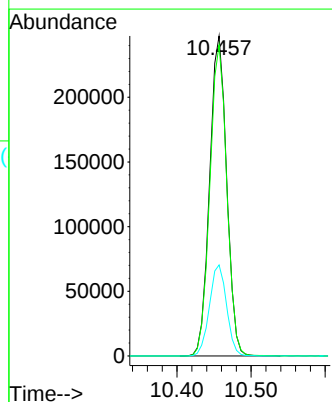
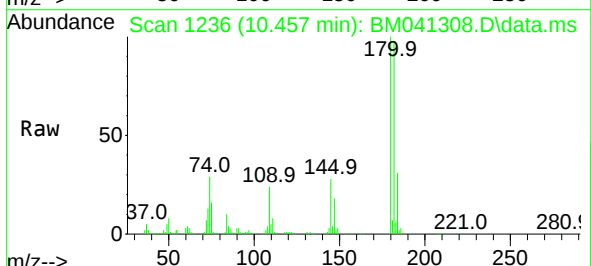
APPROVED

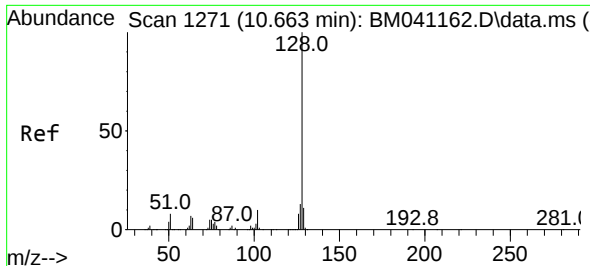
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#30  
1,2,4-Trichlorobenzene  
Concen: 41.183 ng  
RT: 10.457 min Scan# 1236  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

Tgt Ion:180 Resp: 394436  
Ion Ratio Lower Upper  
180 100  
182 97.2 75.9 113.9  
145 28.4 23.6 35.4





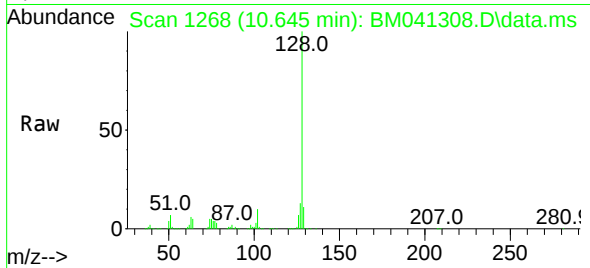
#31  
Naphthalene  
Concen: 36.078 ng  
RT: 10.645 min Scan# 112503  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

Instrument :

BNA\_M

ClientSampleId :

PB154638BS



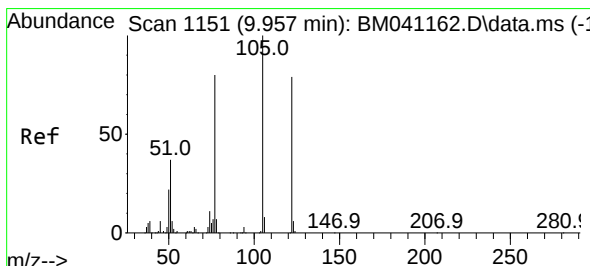
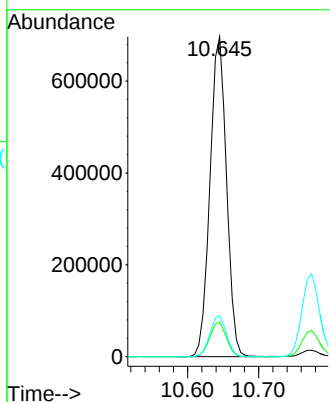
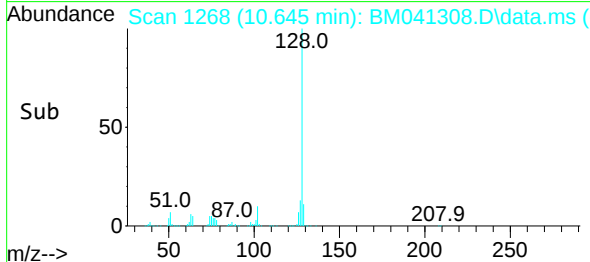
Tgt Ion:128 Resp: 112503  
Ion Ratio Lower Upper  
128 100  
129 10.8 9.0 13.4  
127 12.8 10.5 15.7

Manual Integrations

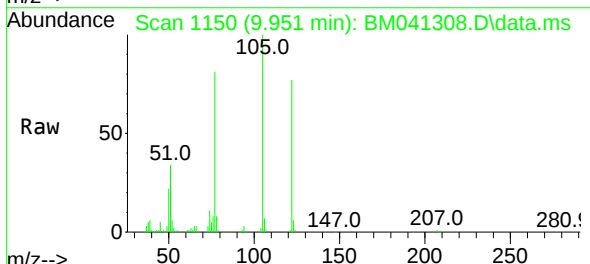
APPROVED

Reviewed By :Yogesh Patel 08/08/2023

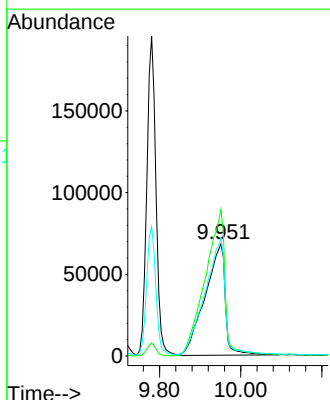
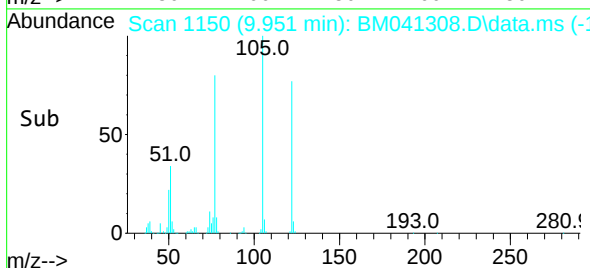
Supervised By :mohammad ahmed 08/08/2023

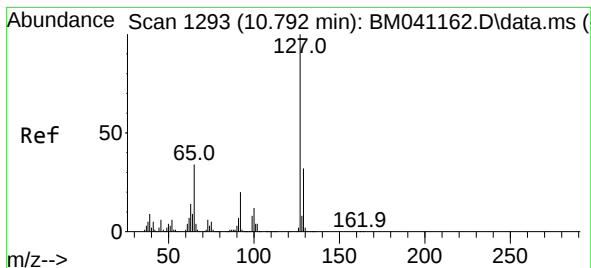


#32  
Benzoic acid  
Concen: 38.316 ng  
RT: 9.951 min Scan# 1150  
Delta R.T. -0.006 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24



Tgt Ion:122 Resp: 236417  
Ion Ratio Lower Upper  
122 100  
105 130.7 104.0 144.0  
77 105.3 79.9 119.9





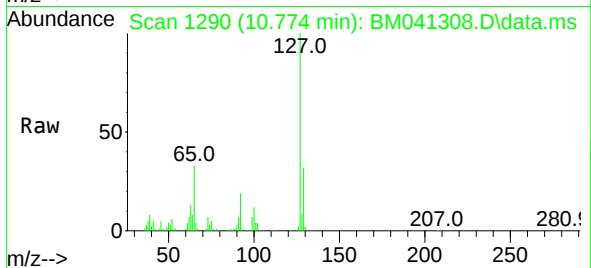
#33  
4-Chloroaniline  
Concen: 25.764 ng  
RT: 10.774 min Scan# 1290  
Delta R.T. 0.006 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

Instrument :

BNA\_M

ClientSampleId :

PB154638BS

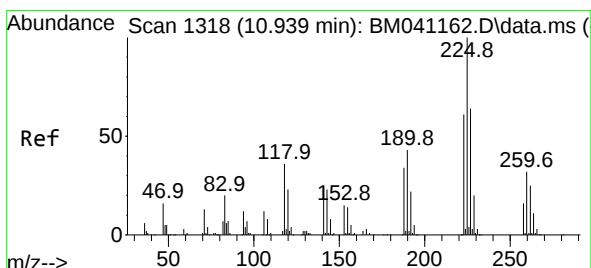
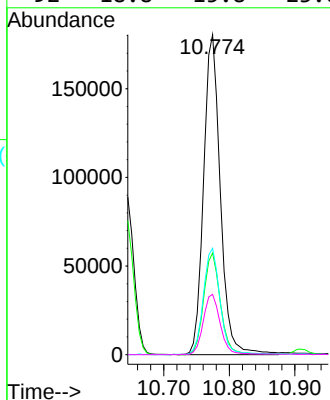
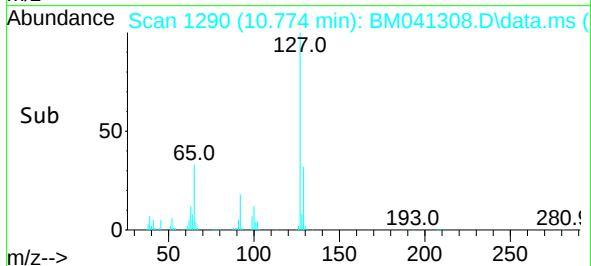


Tgt Ion:127 Resp: 321078  
Ion Ratio Lower Upper  
127 100  
129 31.7 25.9 38.9  
65 33.2 26.9 40.3  
92 18.8 15.8 23.6

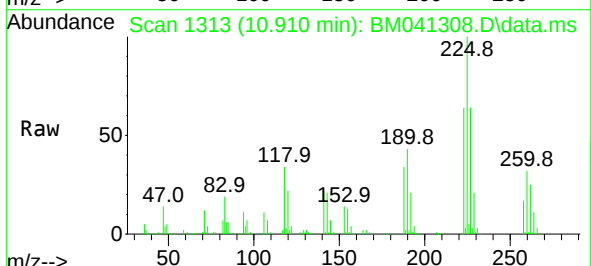
Manual Integrations

APPROVED

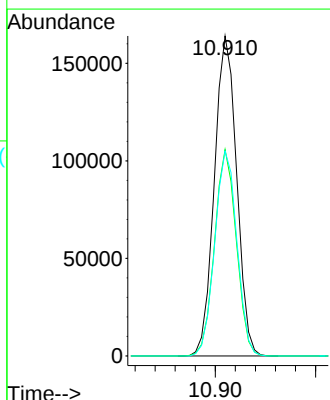
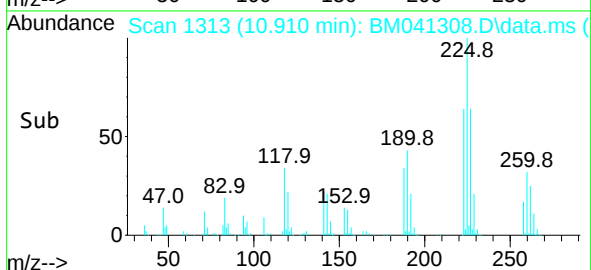
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

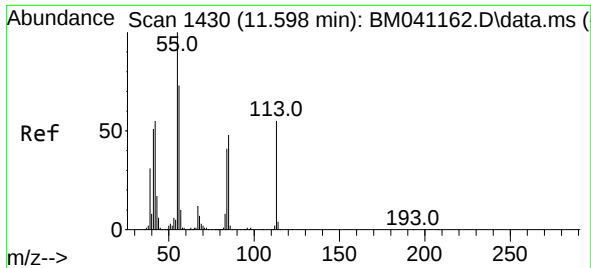


#34  
Hexachlorobutadiene  
Concen: 43.932 ng  
RT: 10.910 min Scan# 1313  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24



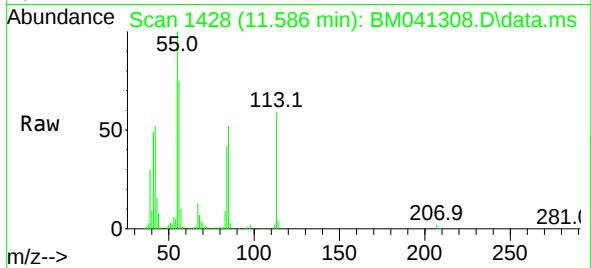
Tgt Ion:225 Resp: 253058  
Ion Ratio Lower Upper  
225 100  
223 64.5 49.0 73.4  
227 64.1 50.8 76.2





#35  
 Caprolactam  
 Concen: 36.378 ng  
 RT: 11.586 min Scan# 1428  
 Delta R.T. -0.006 min  
 Lab File: BM041308.D  
 Acq: 07 Aug 2023 12:24

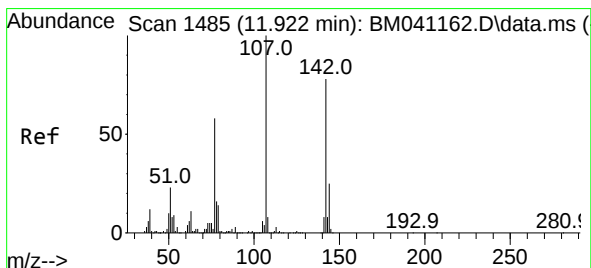
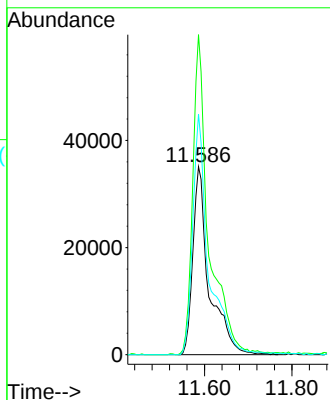
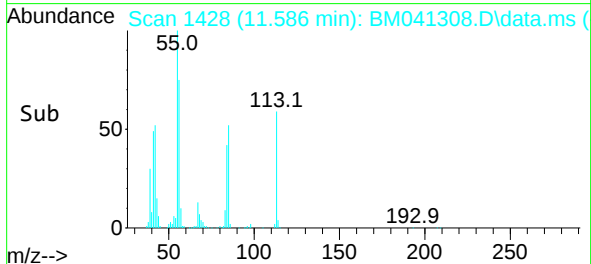
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB154638BS



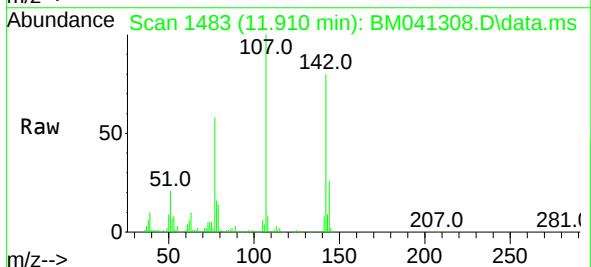
Tgt Ion:113 Resp: 91225  
 Ion Ratio Lower Upper  
 113 100  
 55 170.3 162.5 202.5  
 56 128.1 114.1 154.1

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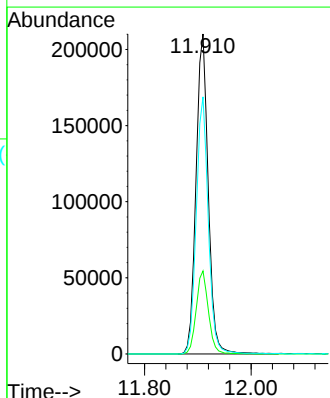
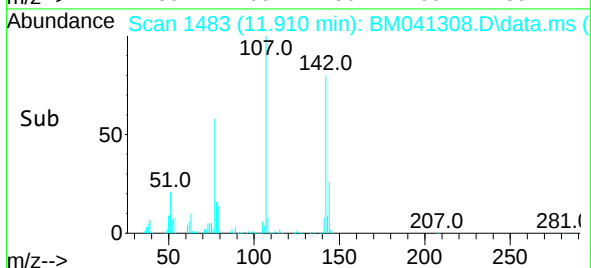
Reviewed By :Yogesh Patel 08/08/2023  
 Supervised By :mohammad ahmed 08/08/2023

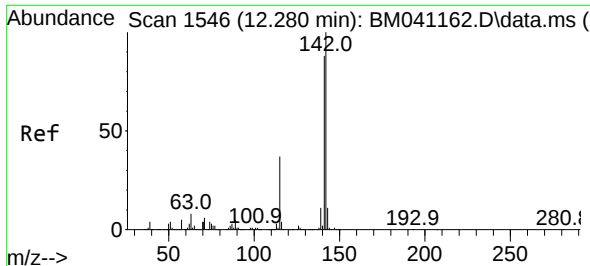


#36  
 4-Chloro-3-methylphenol  
 Concen: 36.751 ng  
 RT: 11.910 min Scan# 1483  
 Delta R.T. -0.000 min  
 Lab File: BM041308.D  
 Acq: 07 Aug 2023 12:24



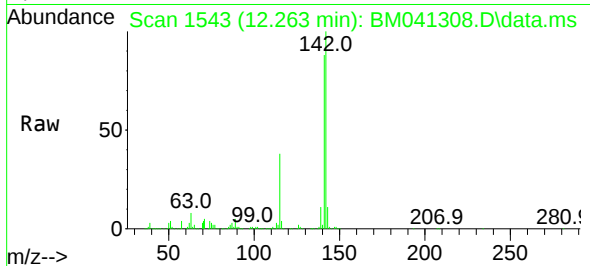
Tgt Ion:107 Resp: 335314  
 Ion Ratio Lower Upper  
 107 100  
 144 26.0 20.1 30.1  
 142 80.3 62.2 93.4





#37  
2-Methylnaphthalene  
Concen: 35.159 ng  
RT: 12.263 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

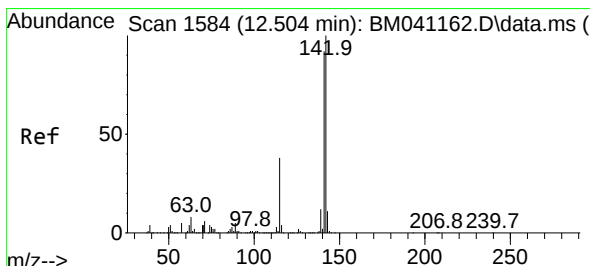
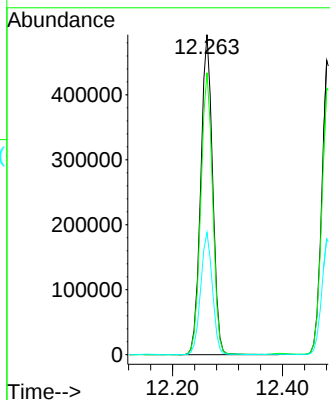
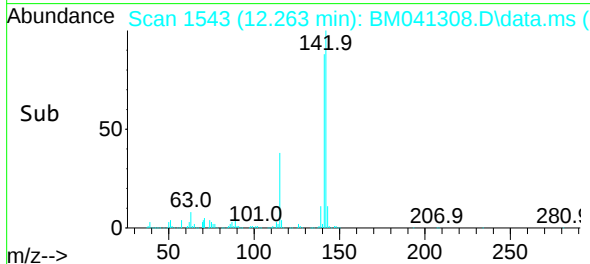
Instrument :  
BNA\_M  
ClientSampleId :  
PB154638BS



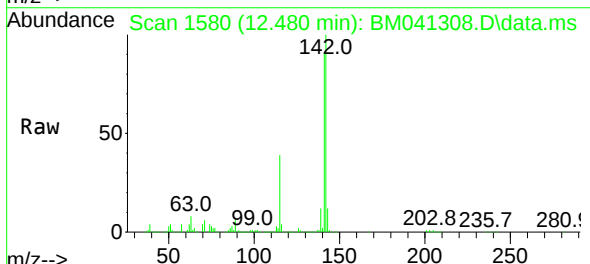
Tgt Ion:142 Resp: 739162  
Ion Ratio Lower Upper  
142 100  
141 88.1 70.7 106.1  
115 38.2 29.3 43.9

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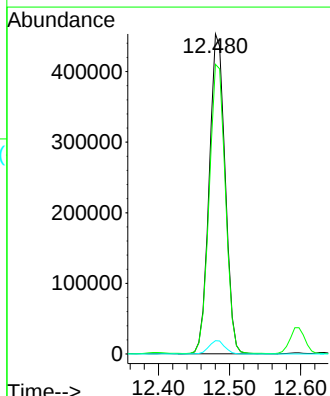
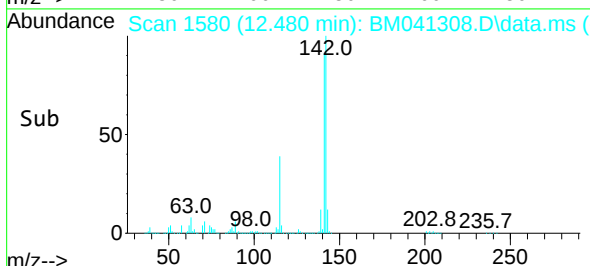
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

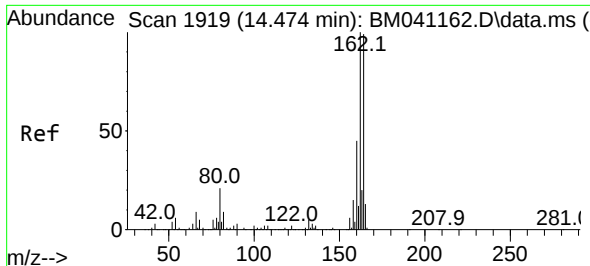


#38  
1-Methylnaphthalene  
Concen: 35.764 ng  
RT: 12.480 min Scan# 1580  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24



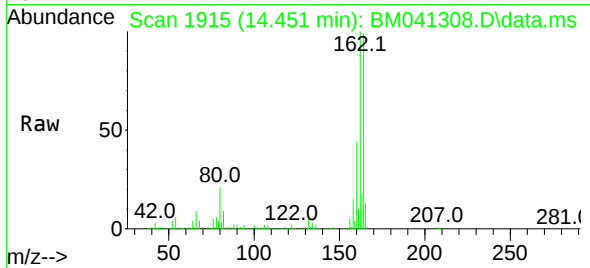
Tgt Ion:142 Resp: 703711  
Ion Ratio Lower Upper  
142 100  
141 90.5 73.4 110.2  
116 4.1 3.2 4.8





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.451 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

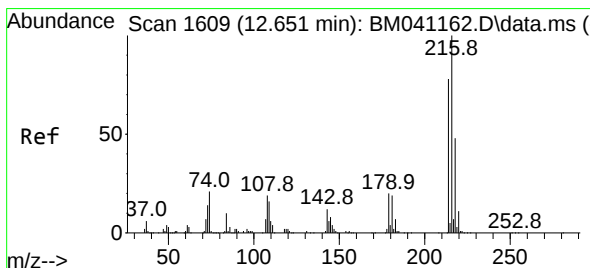
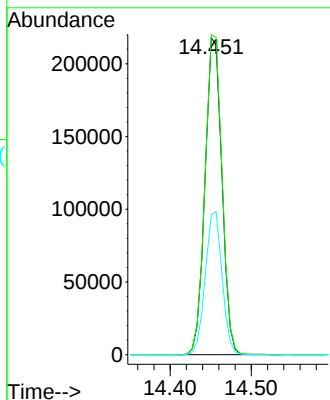
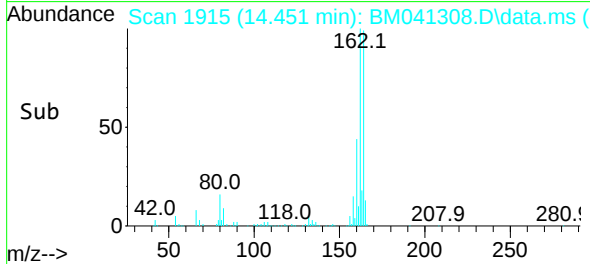
Instrument :  
BNA\_M  
ClientSampleId :  
PB154638BS



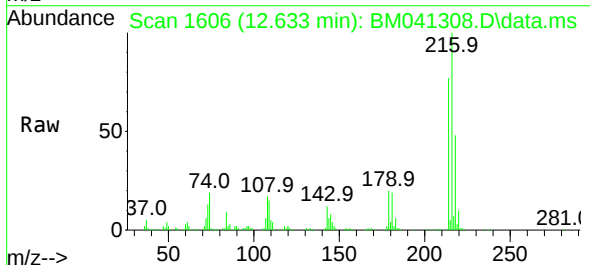
Tgt Ion:164 Resp: 314862  
Ion Ratio Lower Upper  
164 100  
162 100.9 80.4 120.6  
160 44.2 36.2 54.2

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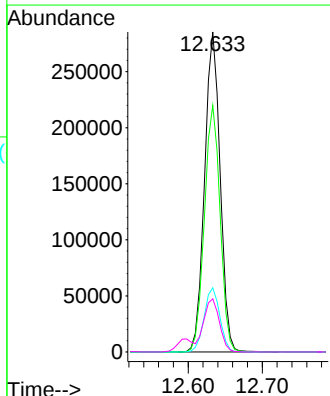
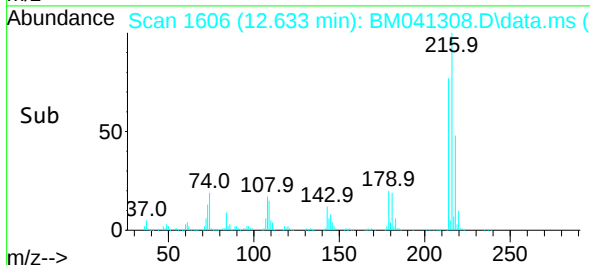
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

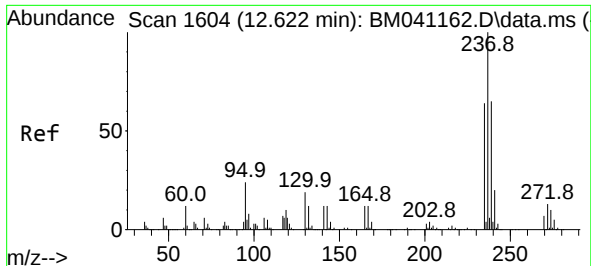


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.680 ng  
RT: 12.633 min Scan# 1606  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24



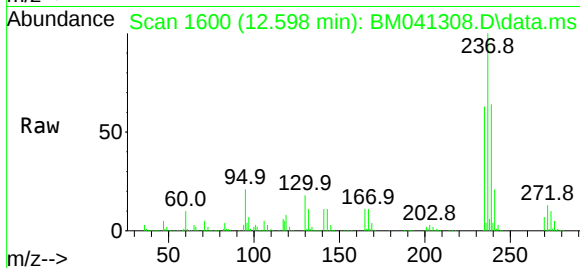
Tgt Ion:216 Resp: 415907  
Ion Ratio Lower Upper  
216 100  
214 77.9 63.2 94.8  
179 20.3 16.2 24.2  
108 16.8 17.0 25.4#





#41  
Hexachlorocyclopentadiene  
Concen: 89.351 ng  
RT: 12.598 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

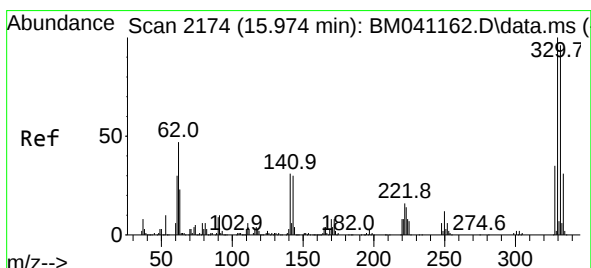
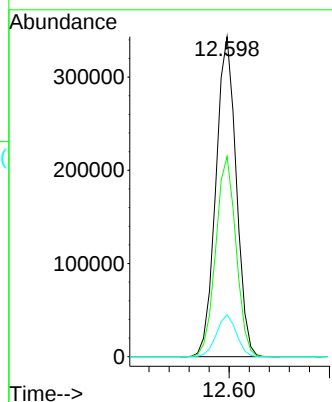
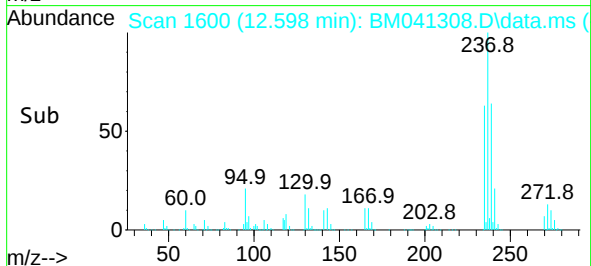
Instrument :  
BNA\_M  
ClientSampleId :  
PB154638BS



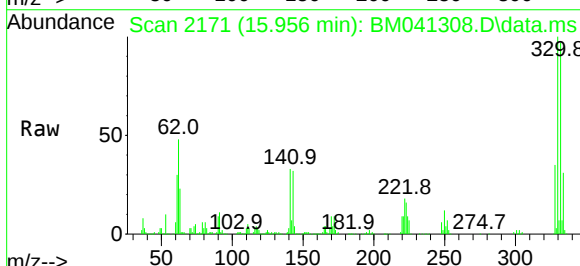
Tgt Ion:237 Resp: 48329  
Ion Ratio Lower Upper  
237 100  
235 62.5 43.6 83.6  
272 13.0 0.0 33.3

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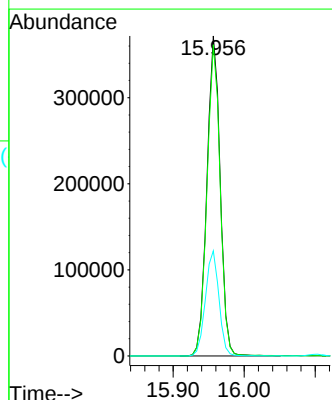
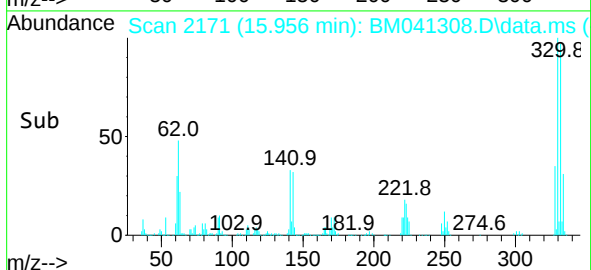
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

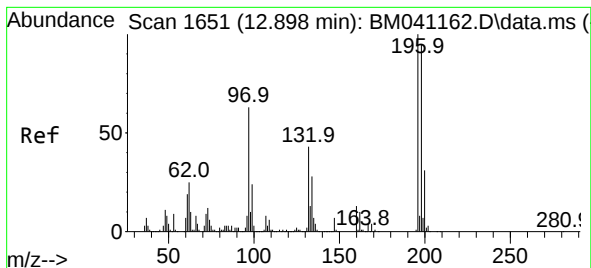


#42  
2,4,6-Tribromophenol  
Concen: 108.603 ng  
RT: 15.956 min Scan# 2171  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24



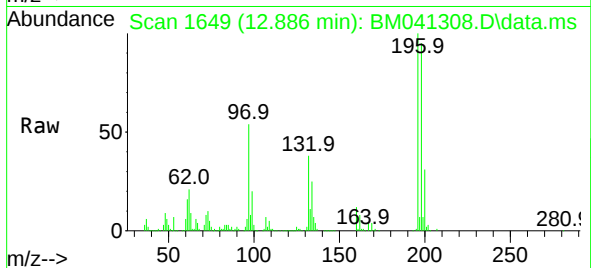
Tgt Ion:330 Resp: 483669  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.7 116.5  
141 33.5 28.3 42.5





#43  
2,4,6-Trichlorophenol  
Concen: 40.731 ng  
RT: 12.886 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

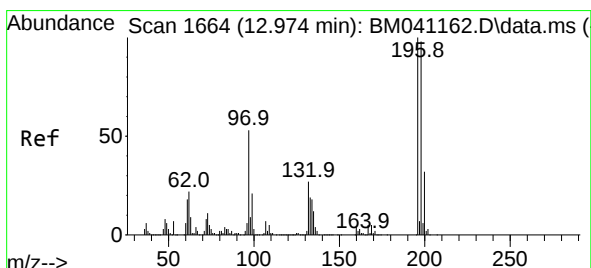
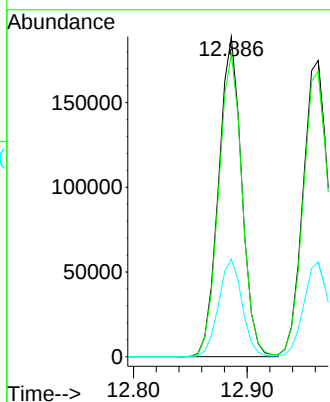
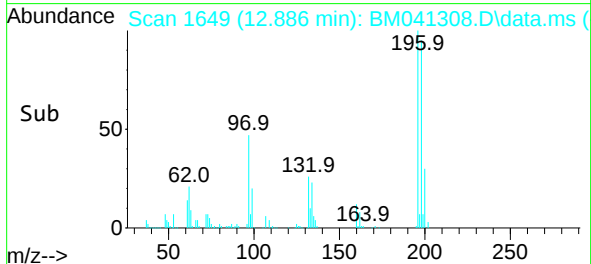
Instrument :  
BNA\_M  
ClientSampleId :  
PB154638BS



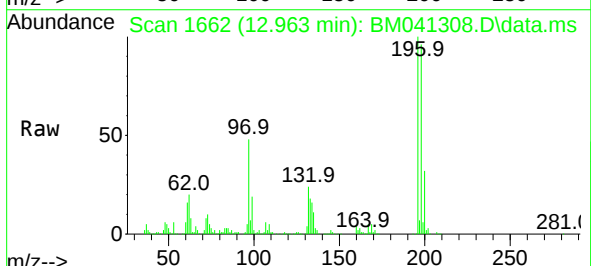
Tgt Ion:196 Resp: 266910  
Ion Ratio Lower Upper  
196 100  
198 94.6 76.2 114.4  
200 30.5 24.6 36.8

Manual Integrations  
APPROVED

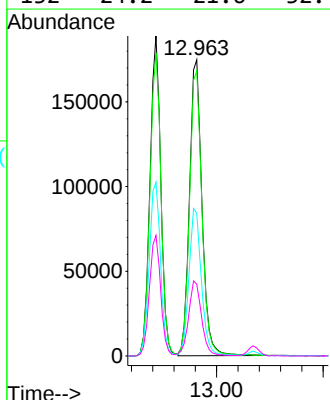
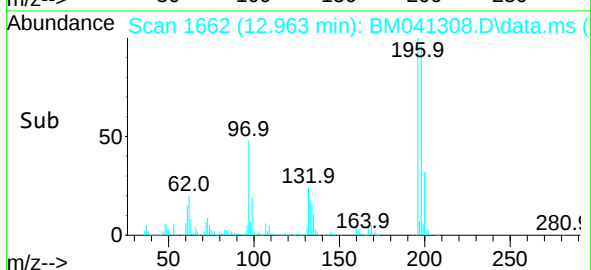
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

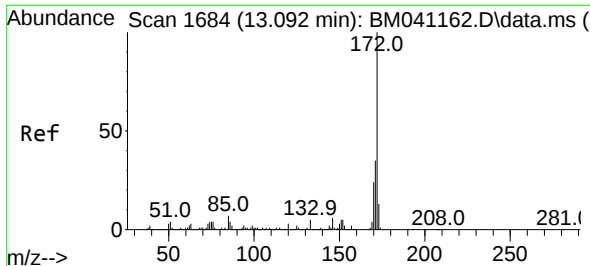


#44  
2,4,5-Trichlorophenol  
Concen: 37.538 ng  
RT: 12.963 min Scan# 1662  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24



Tgt Ion:196 Resp: 284711  
Ion Ratio Lower Upper  
196 100  
198 96.3 78.2 117.4  
97 48.2 42.7 64.1  
132 24.2 21.6 32.4





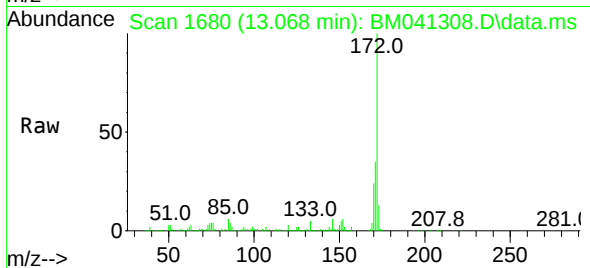
#45  
2-Fluorobiphenyl  
Concen: 70.688 ng  
RT: 13.068 min Scan# 1716  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

Instrument :

BNA\_M

ClientSampleId :

PB154638BS



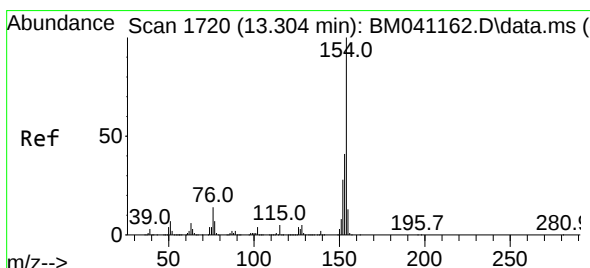
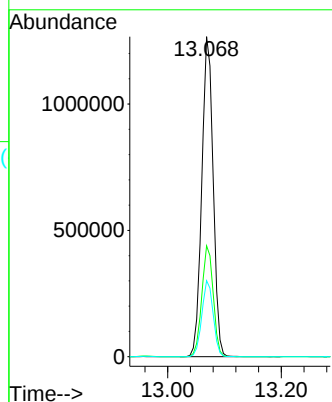
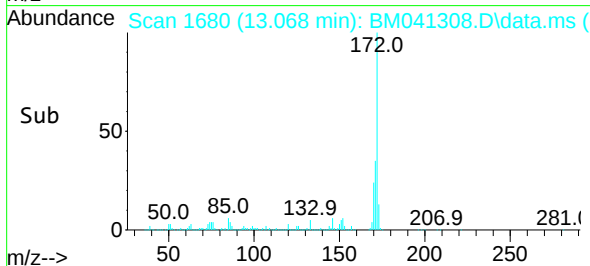
Tgt Ion:172 Resp: 1761879  
Ion Ratio Lower Upper  
172 100  
171 34.7 28.1 42.1  
170 23.7 18.9 28.3

Manual Integrations

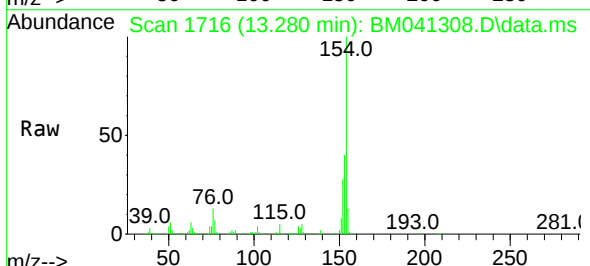
APPROVED

Reviewed By :Yogesh Patel 08/08/2023

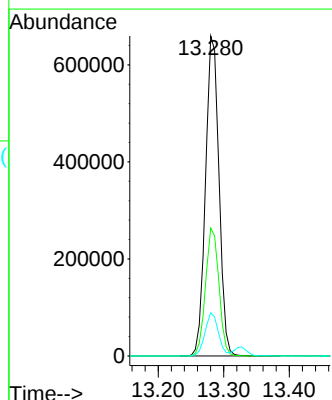
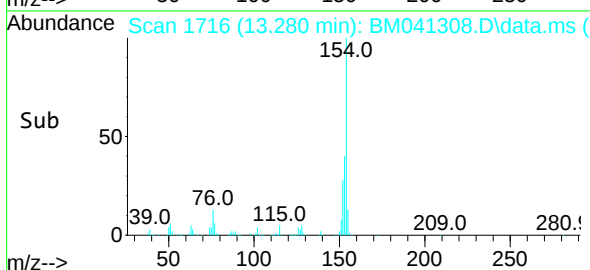
Supervised By :mohammad ahmed 08/08/2023

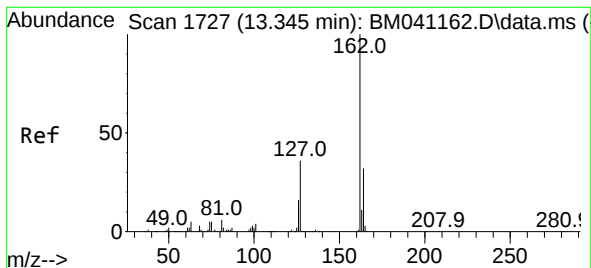


#46  
1,1'-Biphenyl  
Concen: 37.037 ng  
RT: 13.280 min Scan# 1716  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24



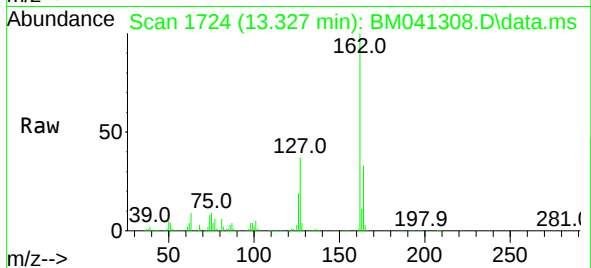
Tgt Ion:154 Resp: 945388  
Ion Ratio Lower Upper  
154 100  
153 39.9 20.5 60.5  
76 13.5 0.0 34.1





#47  
2-Chloronaphthalene  
Concen: 39.088 ng  
RT: 13.327 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

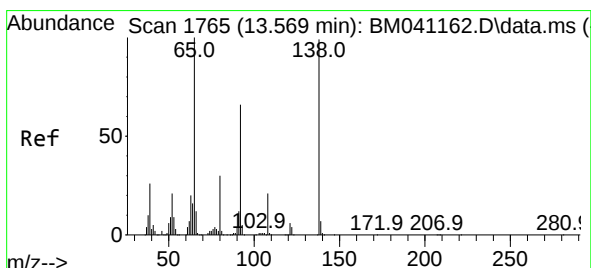
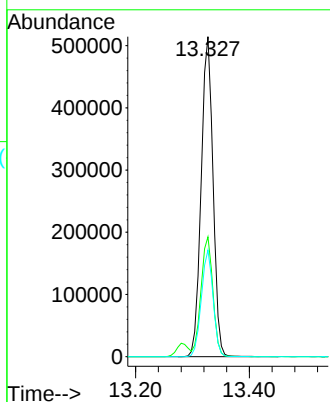
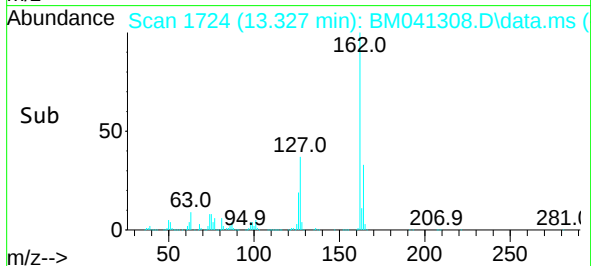
Instrument :  
BNA\_M  
ClientSampleId :  
PB154638BS



Tgt Ion:162 Resp: 74498  
Ion Ratio Lower Upper  
162 100  
127 37.5 30.6 45.8  
164 33.3 25.6 38.4

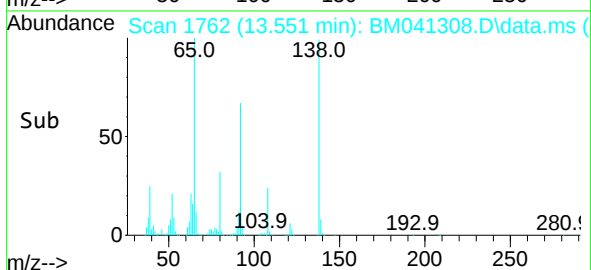
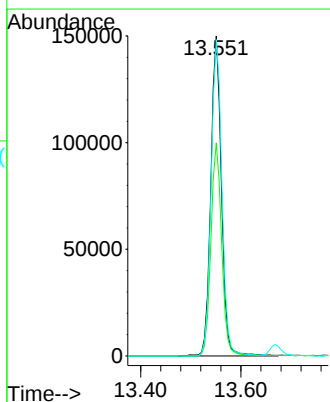
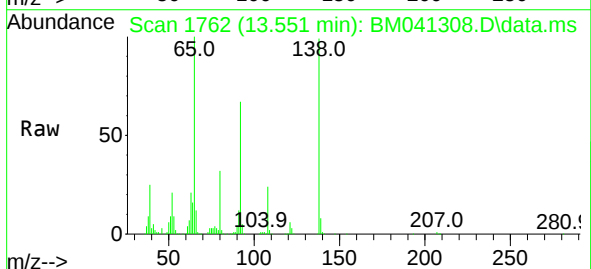
Manual Integrations  
APPROVED

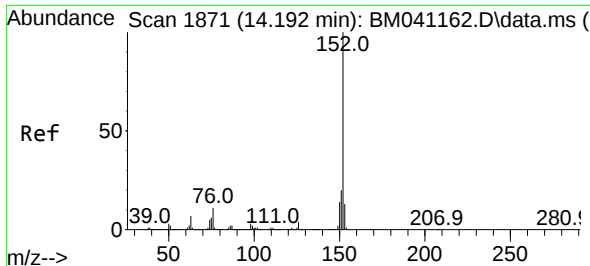
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#48  
2-Nitroaniline  
Concen: 36.415 ng  
RT: 13.551 min Scan# 1762  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

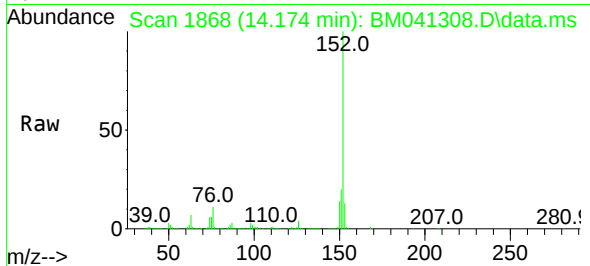
Tgt Ion: 65 Resp: 221535  
Ion Ratio Lower Upper  
65 100  
92 66.6 53.0 79.4  
138 98.8 79.1 118.7





#49  
Acenaphthylene  
Concen: 37.681 ng  
RT: 14.174 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

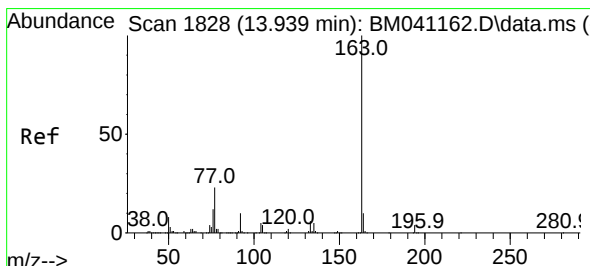
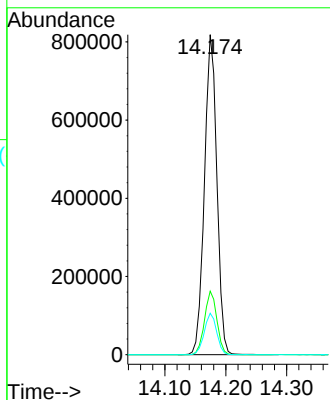
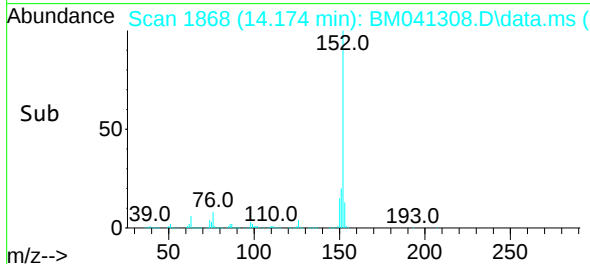
Instrument :  
BNA\_M  
ClientSampleId :  
PB154638BS



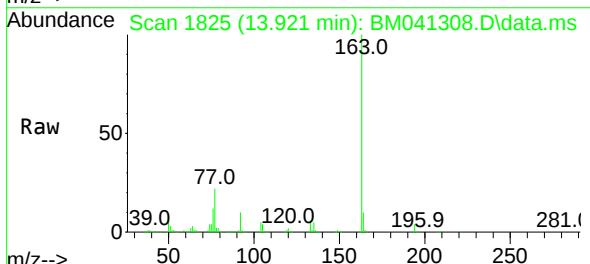
Tgt Ion:152 Resp: 115917  
Ion Ratio Lower Upper  
152 100  
151 19.8 16.1 24.1  
153 13.0 10.5 15.7

Manual Integrations  
APPROVED

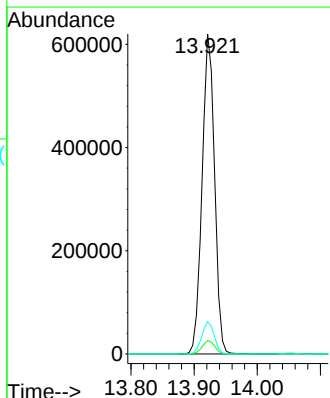
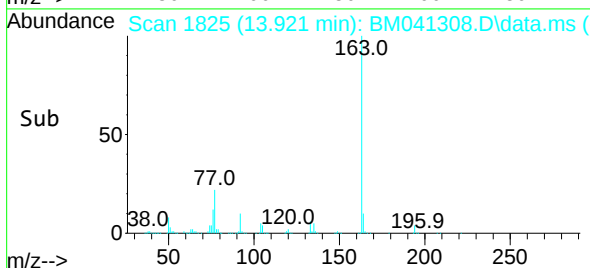
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

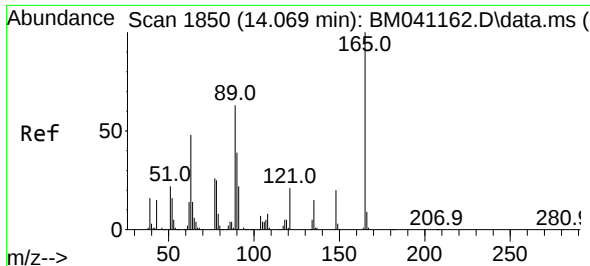


#50  
Dimethylphthalate  
Concen: 35.935 ng  
RT: 13.921 min Scan# 1825  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24



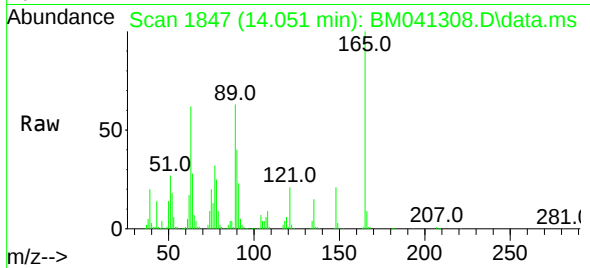
Tgt Ion:163 Resp: 851108  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.3 4.9  
164 10.1 8.3 12.5





#51  
2,6-Dinitrotoluene  
Concen: 37.824 ng  
RT: 14.051 min Scan# 1850  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

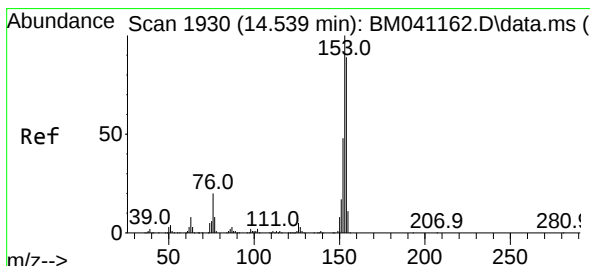
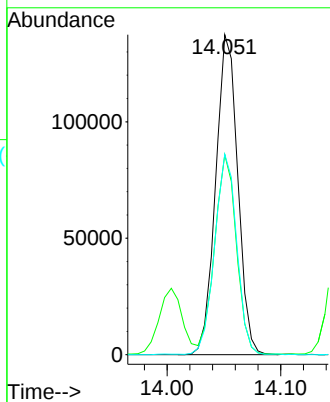
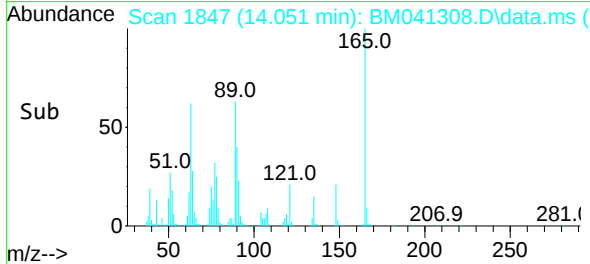
Instrument :  
BNA\_M  
ClientSampleId :  
PB154638BS



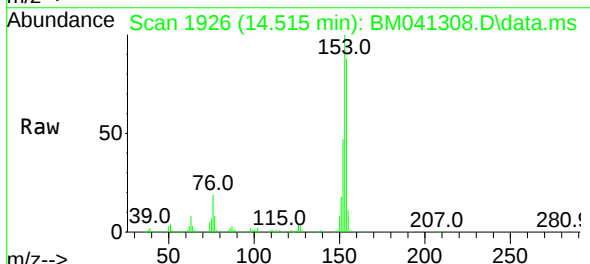
Tgt Ion:165 Resp: 18562  
Ion Ratio Lower Upper  
165 100  
63 62.4 50.9 76.3  
89 62.7 50.6 76.0

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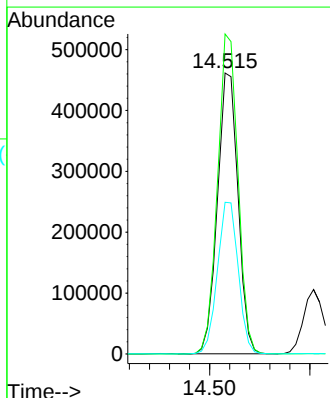
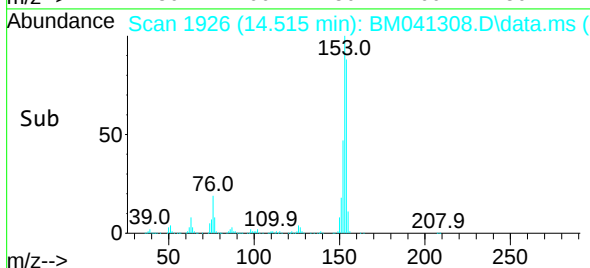
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

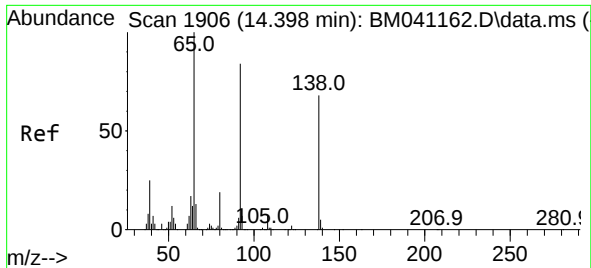


#52  
Acenaphthene  
Concen: 35.531 ng  
RT: 14.515 min Scan# 1926  
Delta R.T. -0.006 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24



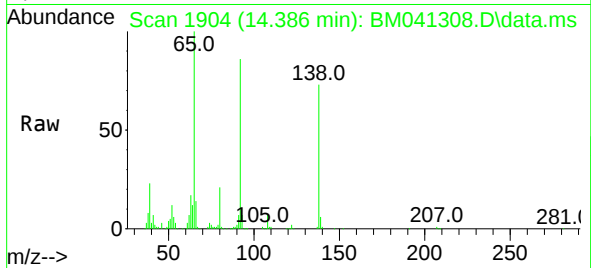
Tgt Ion:154 Resp: 658470  
Ion Ratio Lower Upper  
154 100  
153 113.9 90.2 135.4  
152 54.0 43.4 65.0





#53  
3-Nitroaniline  
Concen: 28.580 ng  
RT: 14.386 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

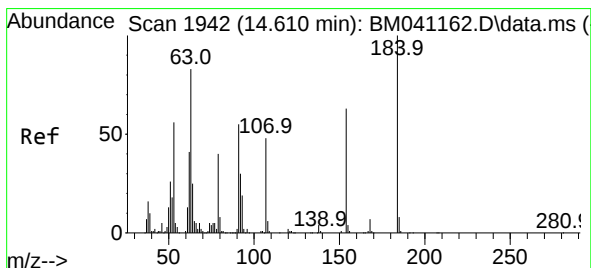
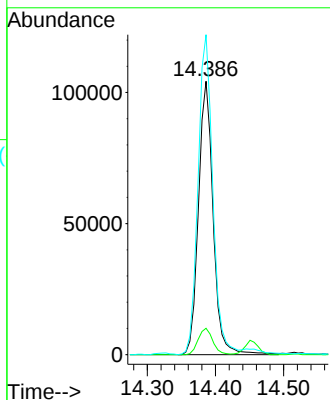
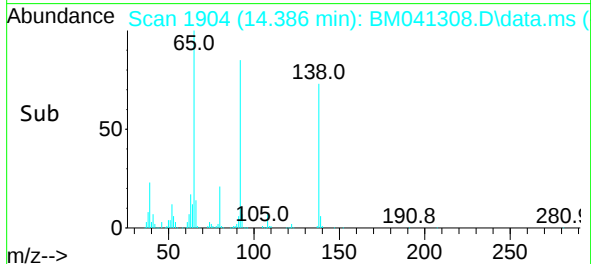
Instrument :  
BNA\_M  
ClientSampleId :  
PB154638BS



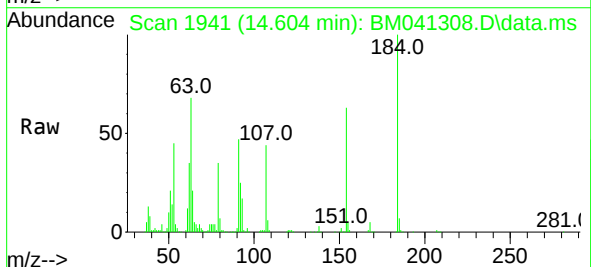
Tgt Ion:138 Resp: 156039  
Ion Ratio Lower Upper  
138 100  
108 9.7 7.6 11.4  
92 117.0 98.9 148.3

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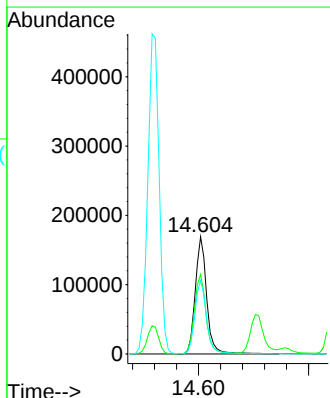
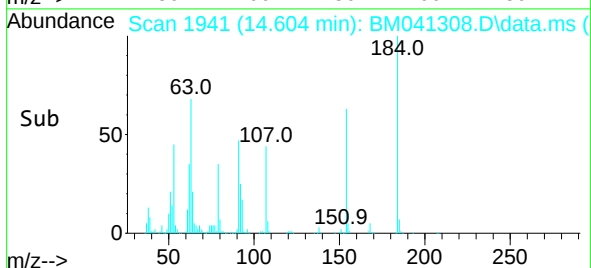
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

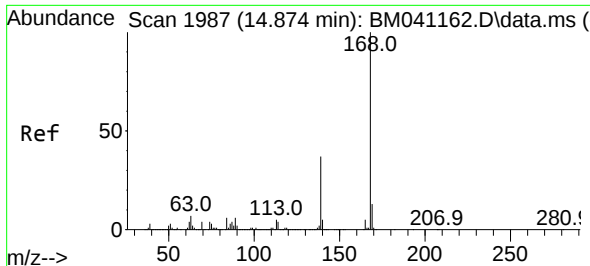


#54  
2,4-Dinitrophenol  
Concen: 74.251 ng  
RT: 14.604 min Scan# 1941  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24



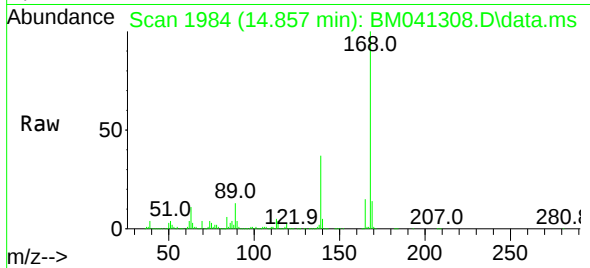
Tgt Ion:184 Resp: 244567  
Ion Ratio Lower Upper  
184 100  
63 67.8 66.5 99.7  
154 62.5 52.8 79.2





#55  
Dibenzenofuran  
Concen: 35.368 ng  
RT: 14.857 min Scan# 1984  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

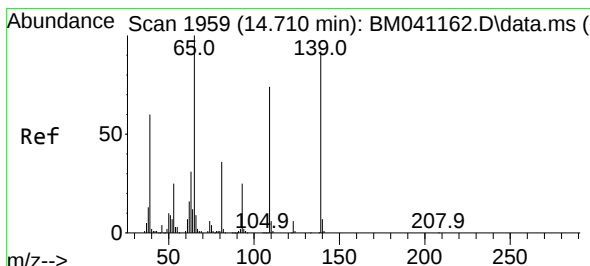
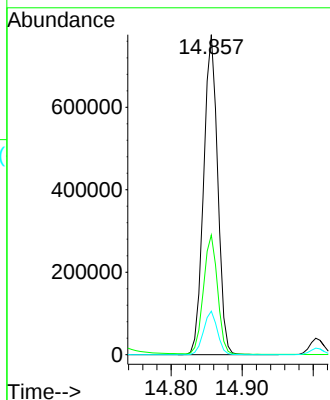
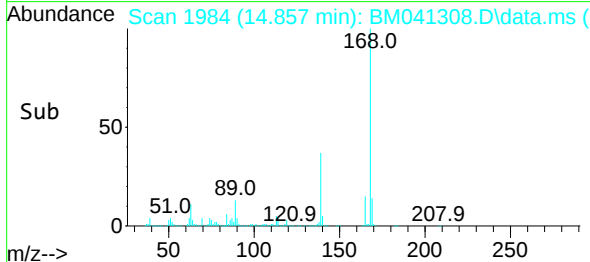
Instrument :  
BNA\_M  
ClientSampleId :  
PB154638BS



Tgt Ion:168 Resp: 106939  
Ion Ratio Lower Upper  
168 100  
139 37.4 29.8 44.6  
169 13.6 10.5 15.7

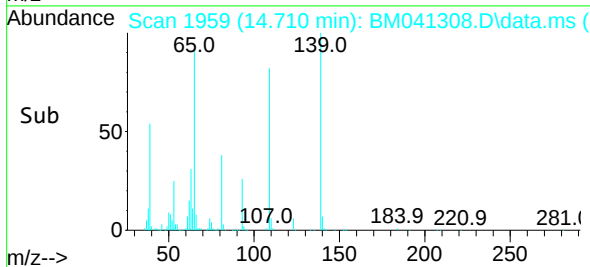
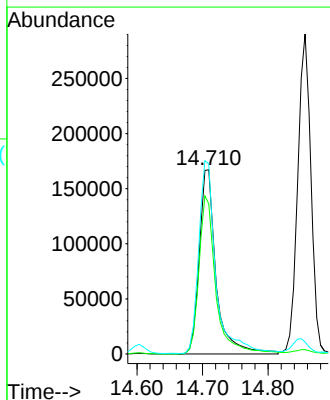
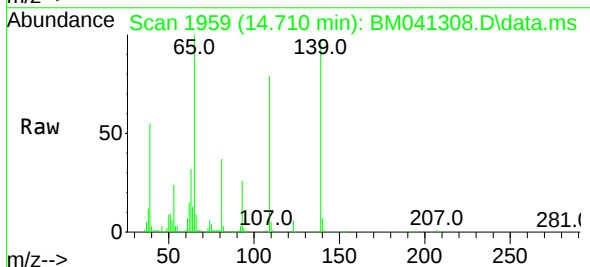
Manual Integrations  
APPROVED

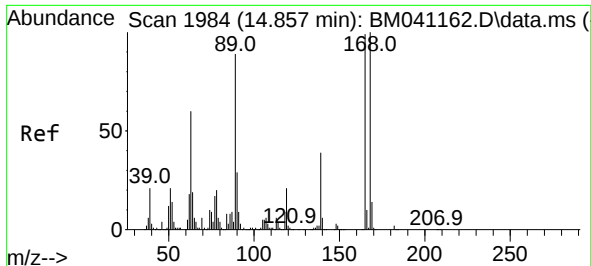
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#56  
4-Nitrophenol  
Concen: 73.619 ng  
RT: 14.710 min Scan# 1959  
Delta R.T. 0.006 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

Tgt Ion:139 Resp: 301097  
Ion Ratio Lower Upper  
139 100  
109 81.5 61.2 101.2  
65 103.2 89.5 129.5





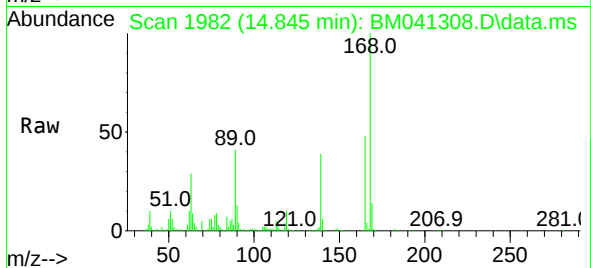
#57  
2,4-Dinitrotoluene  
Concen: 36.878 ng  
RT: 14.845 min Scan# 1984  
Delta R.T. -0.006 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

Instrument :

BNA\_M

ClientSampleId :

PB154638BS

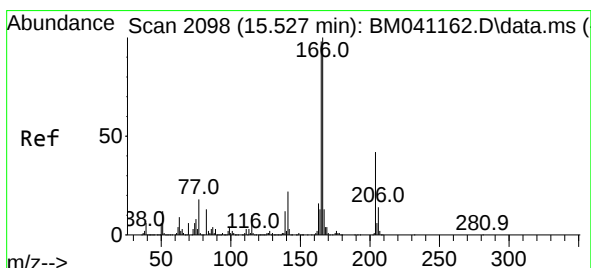
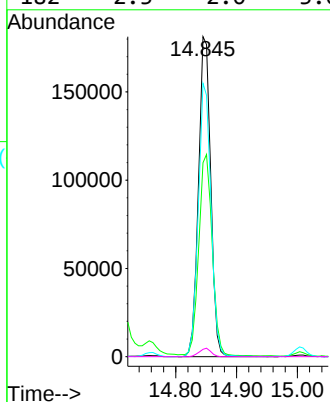
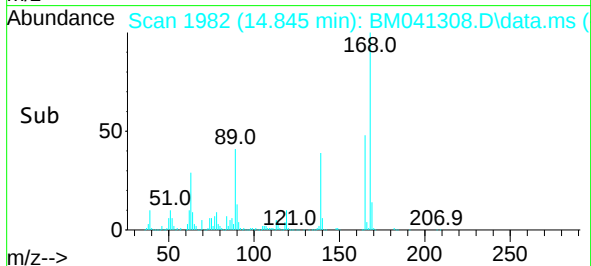


Tgt Ion:165 Resp: 253850  
Ion Ratio Lower Upper  
165 100  
63 60.6 48.3 72.5  
89 85.4 71.8 107.8  
182 2.3 2.0 3.0

Manual Integrations

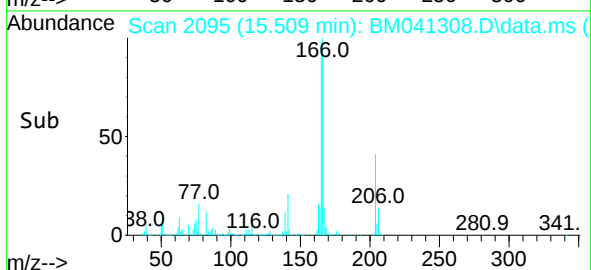
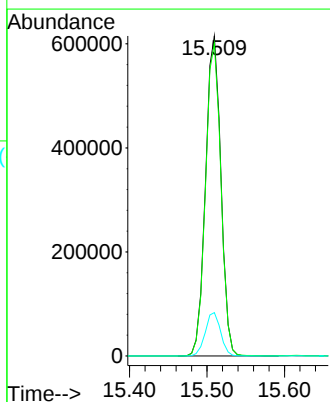
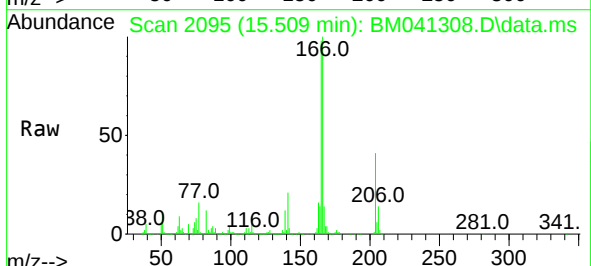
APPROVED

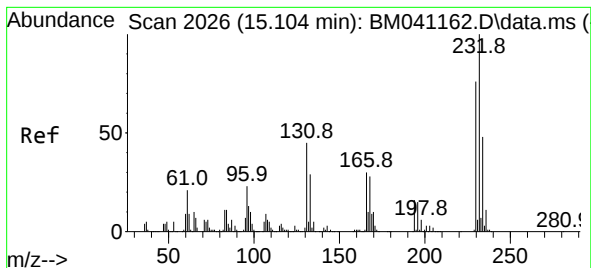
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#58  
Fluorene  
Concen: 35.440 ng  
RT: 15.509 min Scan# 2095  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

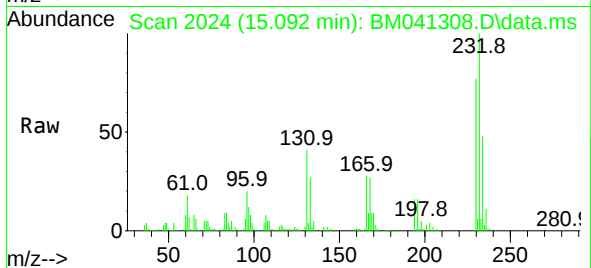
Tgt Ion:166 Resp: 845357  
Ion Ratio Lower Upper  
166 100  
165 97.7 78.2 117.4  
167 13.6 10.6 16.0





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.263 ng  
RT: 15.092 min Scan# 2026  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

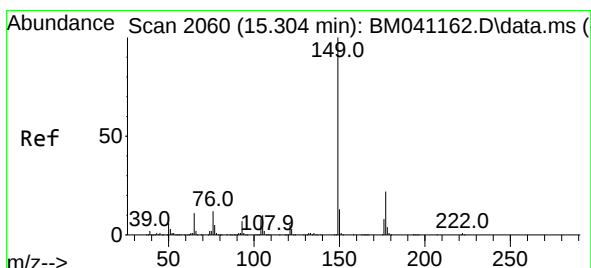
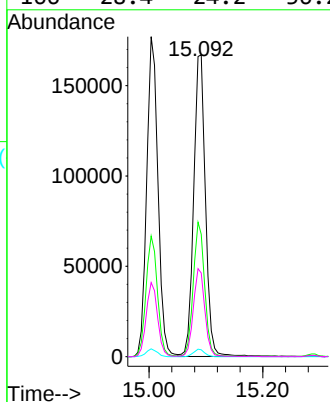
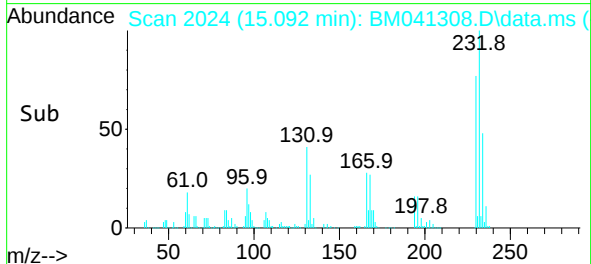
Instrument :  
BNA\_M  
ClientSampleId :  
PB154638BS



Tgt Ion:232 Resp: 24114  
Ion Ratio Lower Upper  
232 100  
131 42.8 36.9 55.3  
130 2.3 2.0 3.0  
166 28.4 24.2 36.2

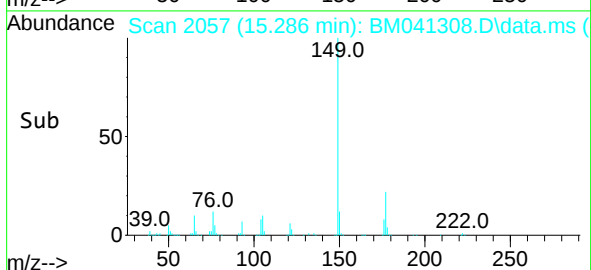
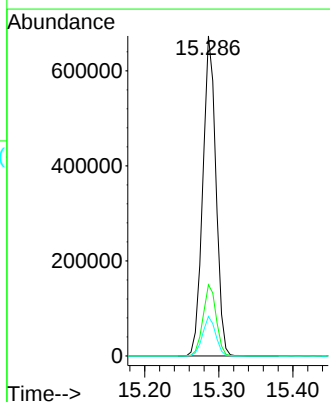
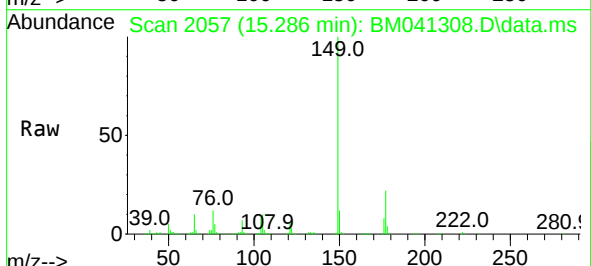
Manual Integrations  
APPROVED

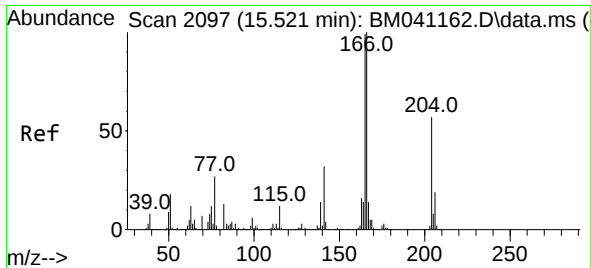
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#60  
Diethylphthalate  
Concen: 36.310 ng  
RT: 15.286 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

Tgt Ion:149 Resp: 831650  
Ion Ratio Lower Upper  
149 100  
177 22.3 17.5 26.3  
150 12.3 10.1 15.1





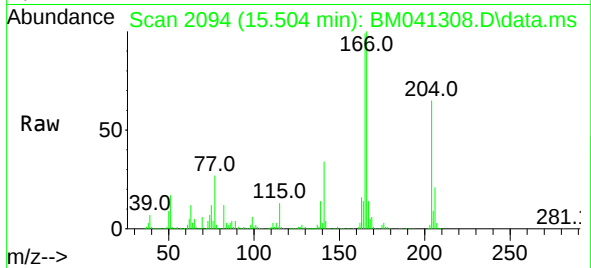
#61  
4-Chlorophenyl-phenylether  
Concen: 37.216 ng  
RT: 15.504 min Scan# 2094  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

Instrument :

BNA\_M

ClientSampleId :

PB154638BS

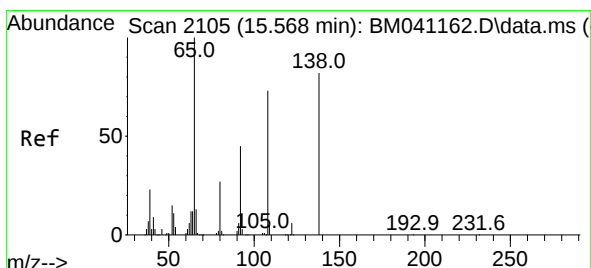
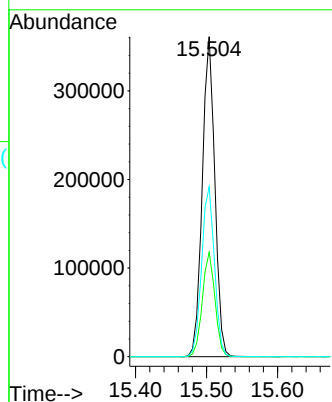
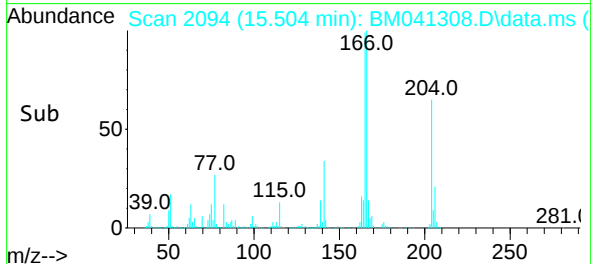


Tgt Ion:204 Resp: 44485  
Ion Ratio Lower Upper  
204 100  
206 32.6 26.5 39.7  
141 53.1 44.8 67.2

Manual Integrations

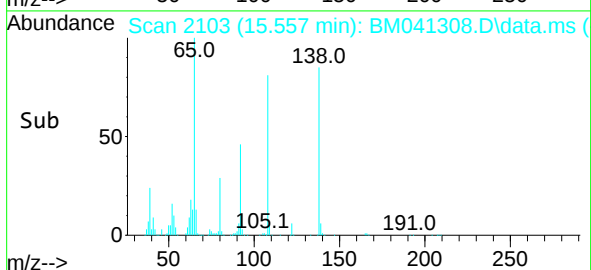
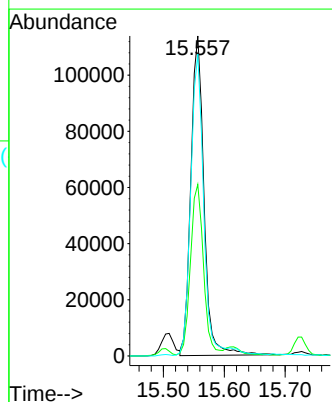
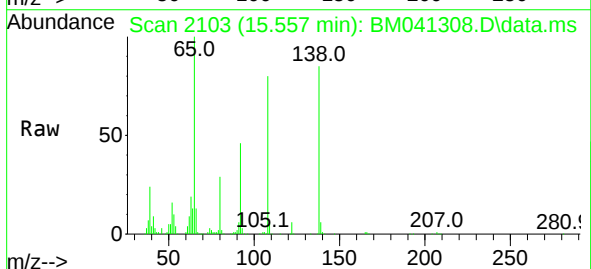
APPROVED

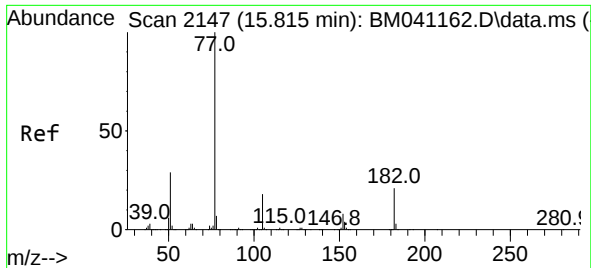
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#62  
4-Nitroaniline  
Concen: 33.908 ng  
RT: 15.557 min Scan# 2103  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

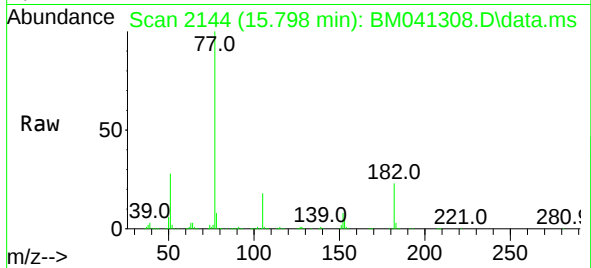
Tgt Ion:138 Resp: 170499  
Ion Ratio Lower Upper  
138 100  
92 53.6 35.1 75.1  
108 94.4 67.8 107.8





#63  
Azobenzene  
Concen: 34.460 ng  
RT: 15.798 min Scan# 2144  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

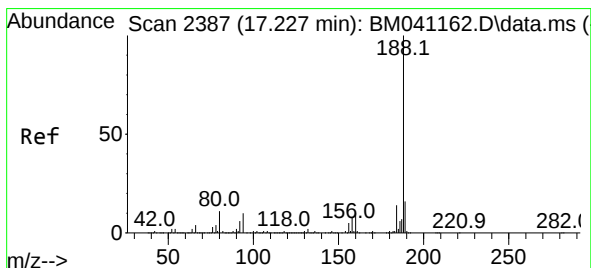
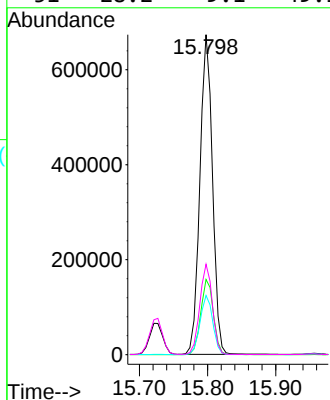
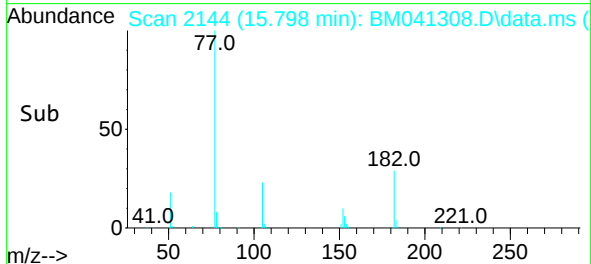
Instrument :  
BNA\_M  
ClientSampleId :  
PB154638BS



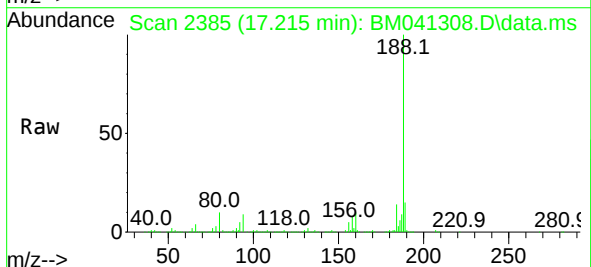
Tgt Ion: 77 Resp: 86455  
Ion Ratio Lower Upper  
77 100  
182 23.5 1.3 41.3  
105 18.5 0.0 38.5  
51 28.2 9.1 49.1

Manual Integrations  
APPROVED

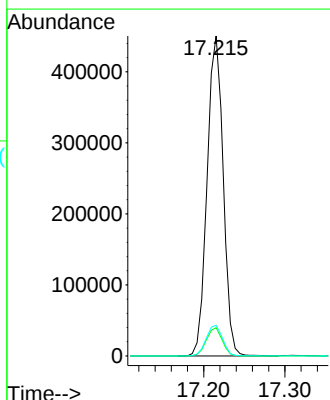
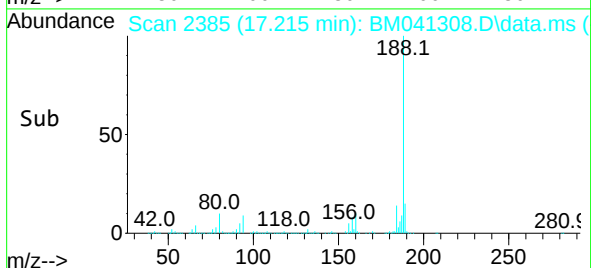
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

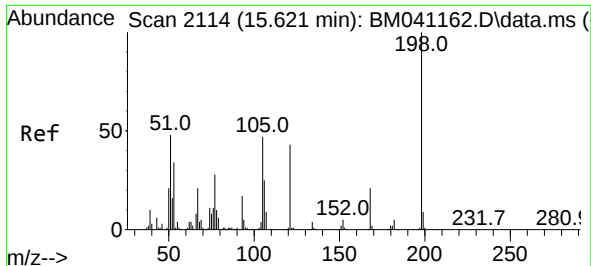


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.215 min Scan# 2385  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24



Tgt Ion:188 Resp: 618266  
Ion Ratio Lower Upper  
188 100  
94 8.9 8.2 12.2  
80 9.6 8.6 13.0





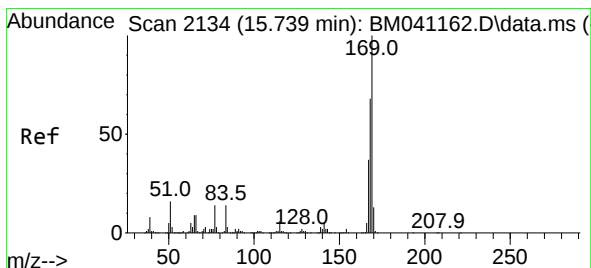
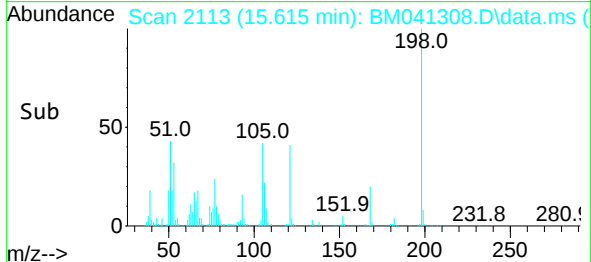
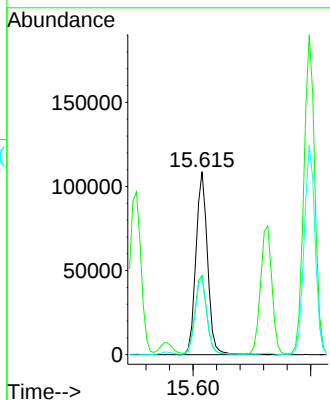
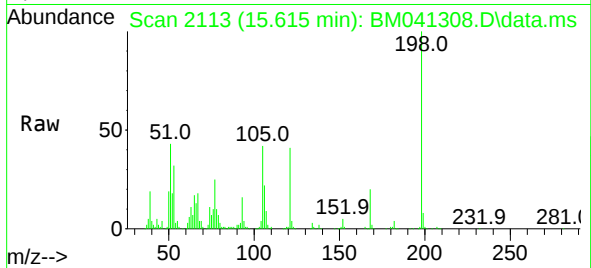
#65  
4,6-Dinitro-2-methylphenol  
Concen: 39.809 ng  
RT: 15.615 min Scan# 2113  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

Instrument :  
BNA\_M  
ClientSampleId :  
PB154638BS

Tgt Ion:198 Resp: 14910  
Ion Ratio Lower Upper  
198 100  
51 43.3 31.7 71.7  
105 42.4 27.8 67.8

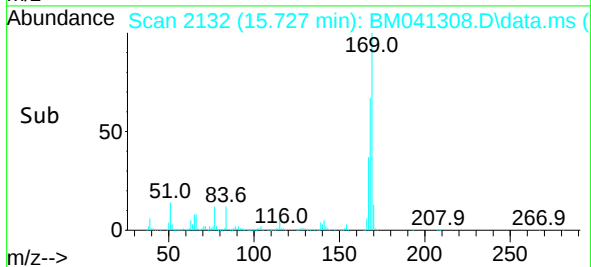
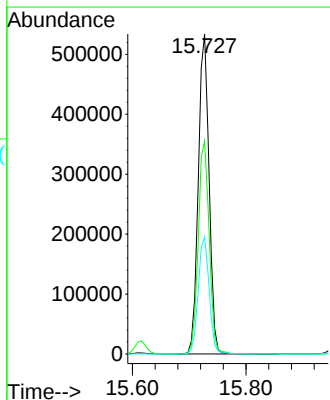
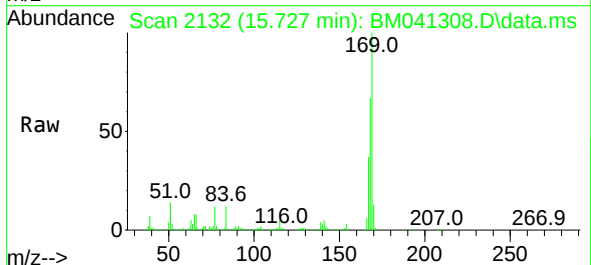
Manual Integrations  
APPROVED

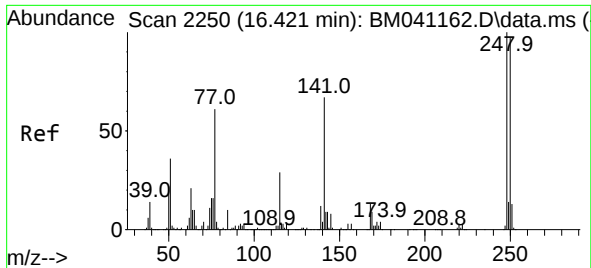
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#66  
n-Nitrosodiphenylamine  
Concen: 36.647 ng  
RT: 15.727 min Scan# 2132  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

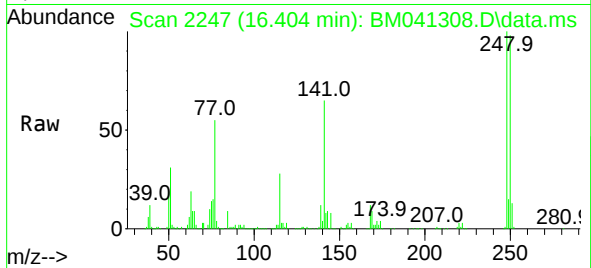
Tgt Ion:169 Resp: 704668  
Ion Ratio Lower Upper  
169 100  
168 66.6 54.6 81.8  
167 36.6 29.9 44.9





#67  
4-Bromophenyl-phenylether  
Concen: 38.676 ng  
RT: 16.404 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

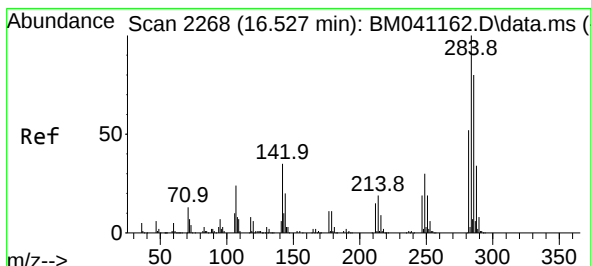
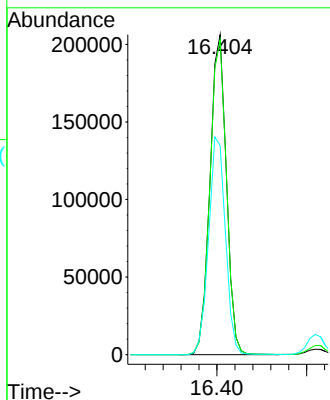
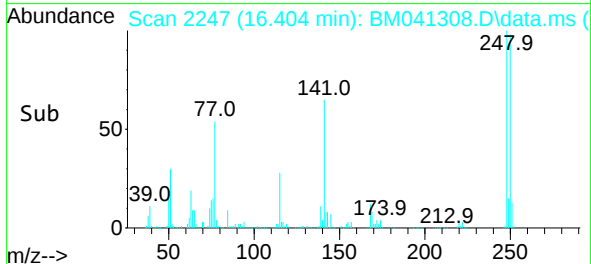
Instrument :  
BNA\_M  
ClientSampleId :  
PB154638BS



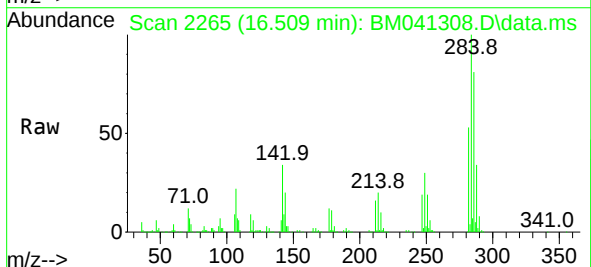
Tgt Ion:248 Resp: 262174  
Ion Ratio Lower Upper  
248 100  
250 98.4 78.0 117.0  
141 65.4 53.8 80.8

Manual Integrations  
APPROVED

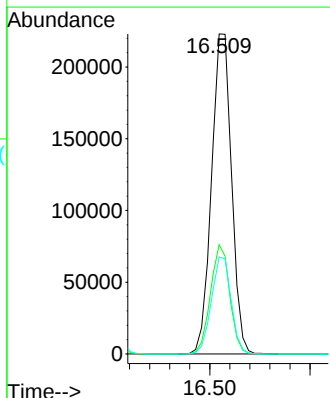
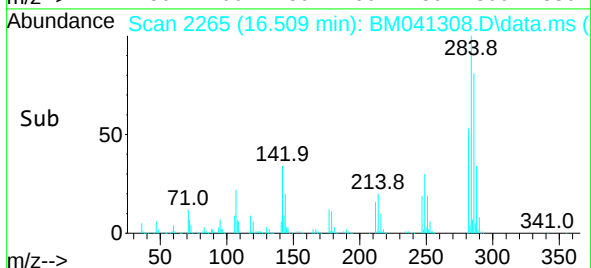
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

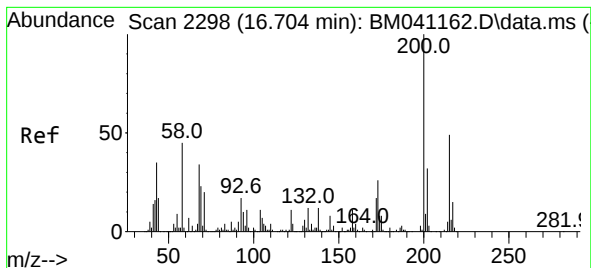


#68  
Hexachlorobenzene  
Concen: 40.995 ng  
RT: 16.509 min Scan# 2265  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24



Tgt Ion:284 Resp: 309007  
Ion Ratio Lower Upper  
284 100  
142 34.1 28.0 42.0  
249 30.3 23.7 35.5





#69

Atrazine

Concen: 48.909 ng

RT: 16.686 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

Instrument :

BNA\_M

ClientSampleId :

PB154638BS

Tgt Ion:200 Resp: 246970

Ion Ratio Lower Upper

200 100

173 25.5 5.6 45.6

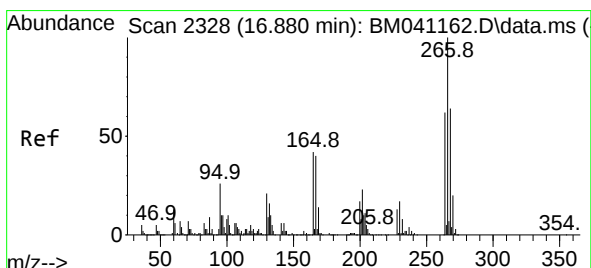
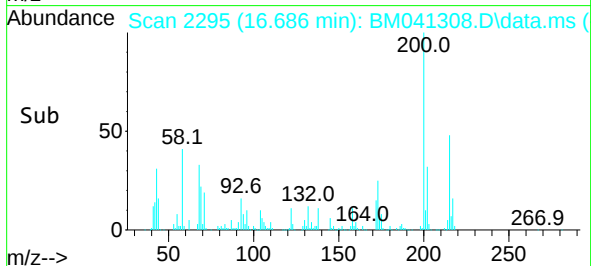
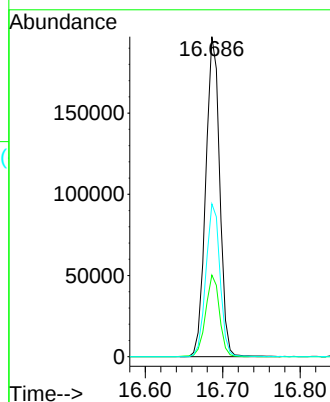
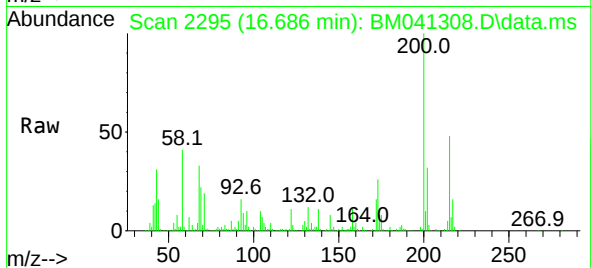
215 47.8 28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2023

Supervised By :mohammad ahmed 08/08/2023



#70

Pentachlorophenol

Concen: 67.389 ng

RT: 16.868 min Scan# 2326

Delta R.T. -0.000 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

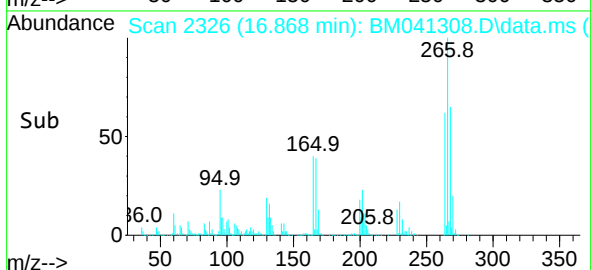
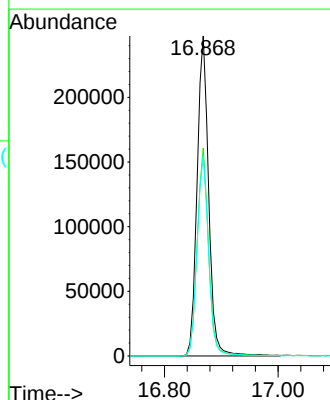
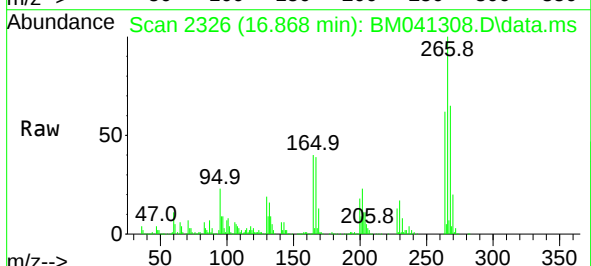
Tgt Ion:266 Resp: 351743

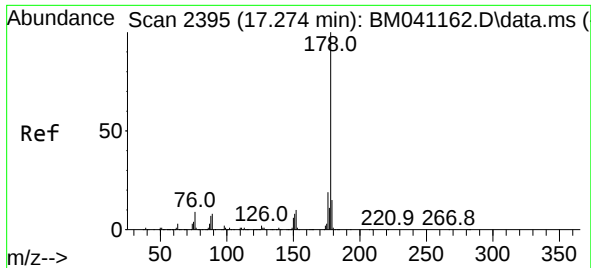
Ion Ratio Lower Upper

266 100

268 65.0 51.0 76.6

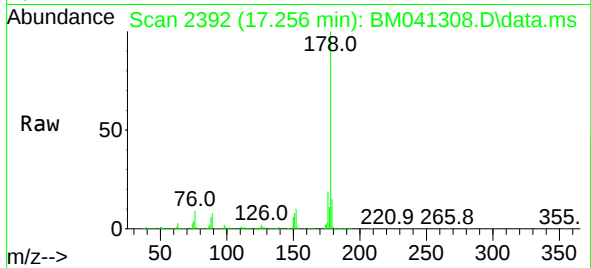
264 62.5 49.4 74.2





#71  
Phenanthrene  
Concen: 36.055 ng  
RT: 17.256 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

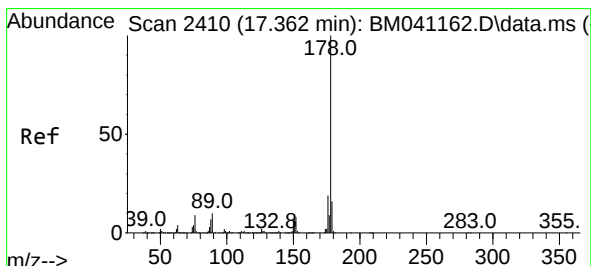
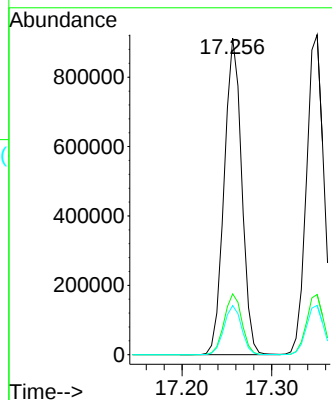
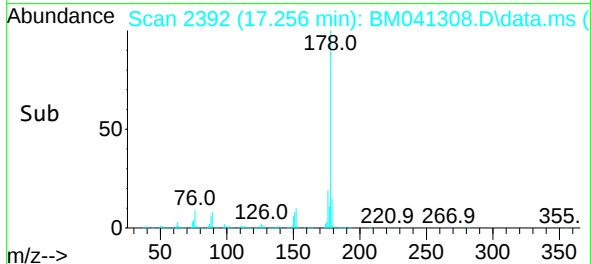
Instrument :  
BNA\_M  
ClientSampleId :  
PB154638BS



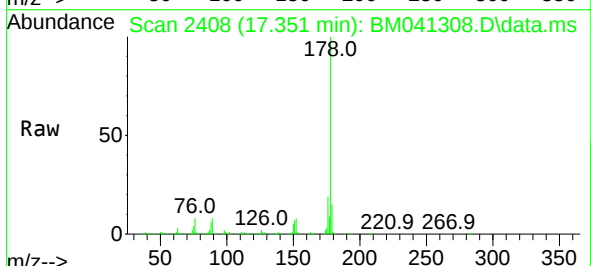
Tgt Ion:178 Resp: 123853  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.6 23.4  
179 15.5 12.1 18.1

Manual Integrations  
APPROVED

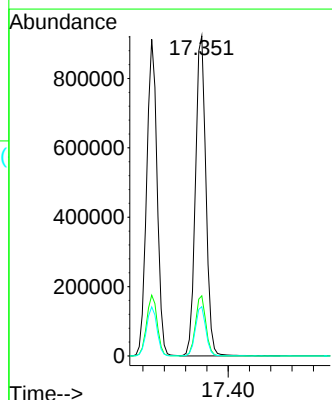
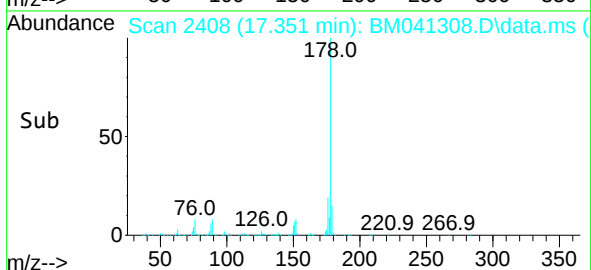
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023

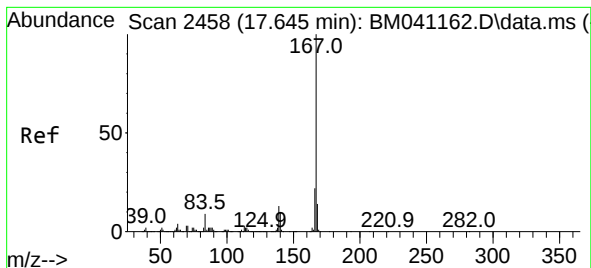


#72  
Anthracene  
Concen: 37.024 ng  
RT: 17.351 min Scan# 2408  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24



Tgt Ion:178 Resp: 1257840  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.2 22.8  
179 15.4 12.4 18.6





#73

Carbazole

Concen: 36.710 ng

RT: 17.633 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

Instrument :

BNA\_M

ClientSampleId :

PB154638BS

Tgt Ion:167 Resp: 1128840

Ion Ratio Lower Upper

167 100

166 21.5 17.3 25.9

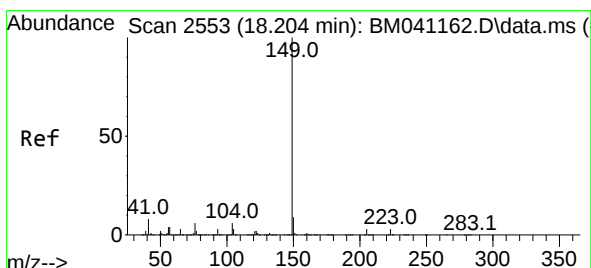
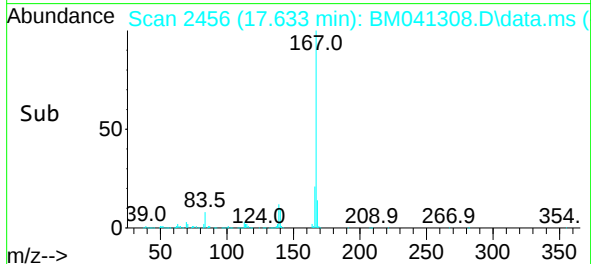
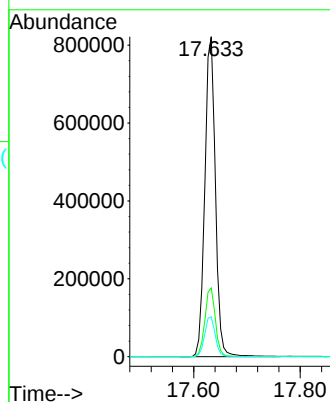
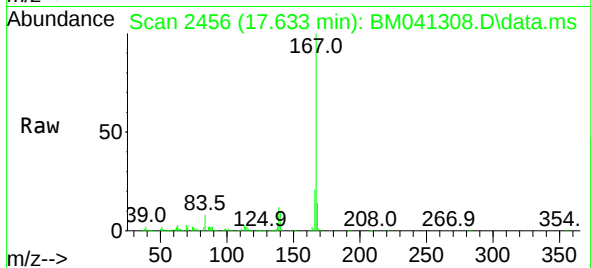
139 12.5 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2023

Supervised By :mohammad ahmed 08/08/2023



#74

Di-n-butylphthalate

Concen: 39.987 ng

RT: 18.186 min Scan# 2550

Delta R.T. -0.000 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

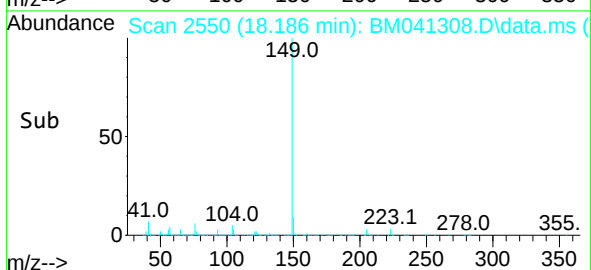
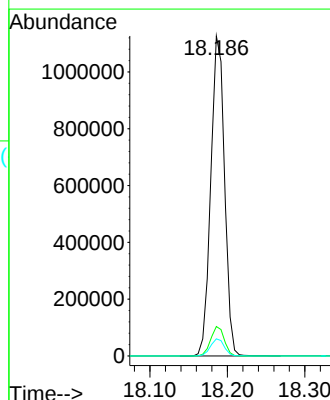
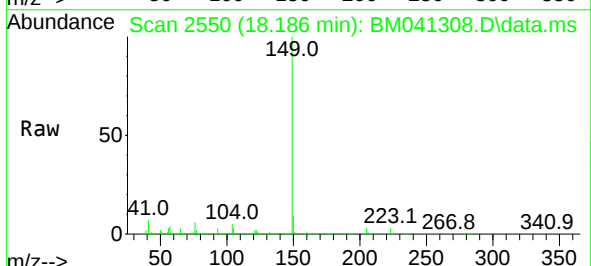
Tgt Ion:149 Resp: 1389461

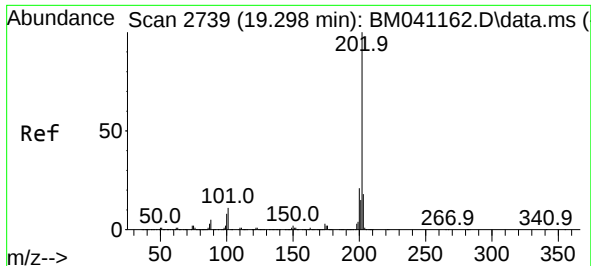
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

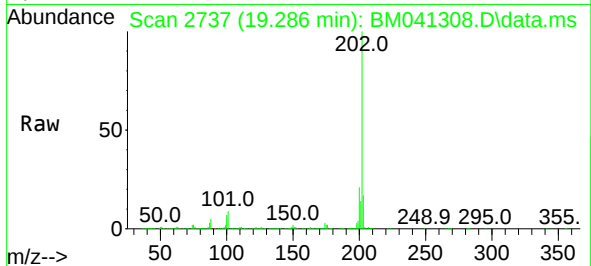
104 5.3 4.5 6.7





#75  
Fluoranthene  
Concen: 37.004 ng  
RT: 19.286 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

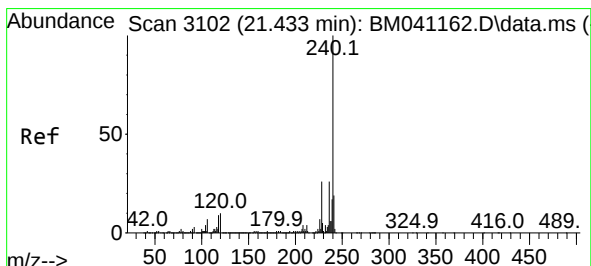
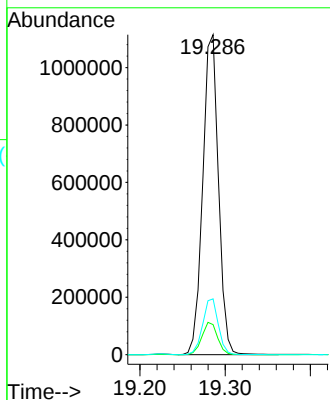
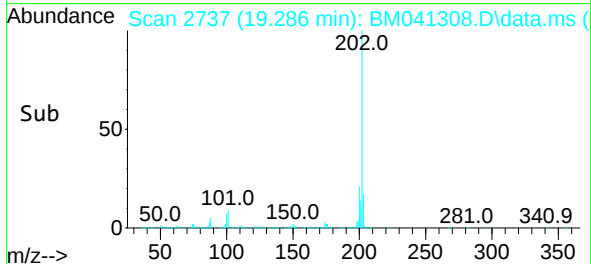
Instrument :  
BNA\_M  
ClientSampleId :  
PB154638BS



Tgt Ion:202 Resp: 142810  
Ion Ratio Lower Upper  
202 100  
101 9.4 0.0 30.8  
203 17.5 0.0 37.6

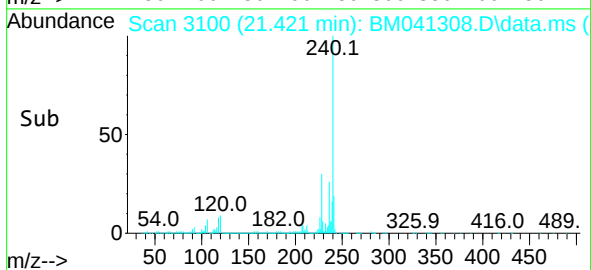
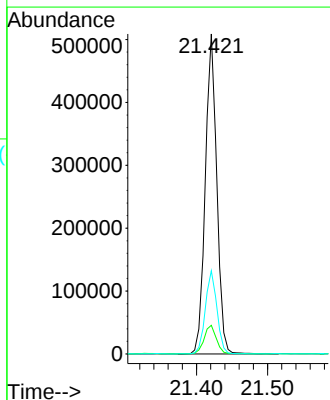
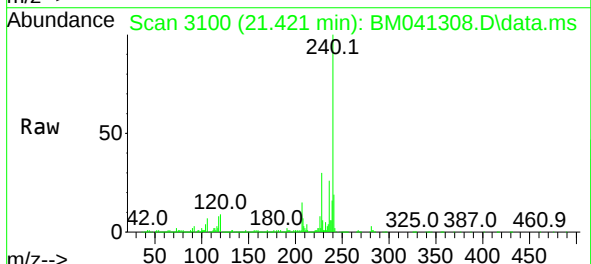
Manual Integrations  
APPROVED

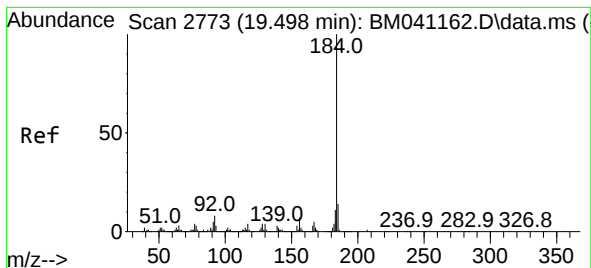
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.421 min Scan# 3100  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

Tgt Ion:240 Resp: 573952  
Ion Ratio Lower Upper  
240 100  
120 8.9 8.3 12.5  
236 26.0 20.6 30.8





#77

Benzidine

Concen: 102.782 ng

RT: 19.486 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

Instrument :

BNA\_M

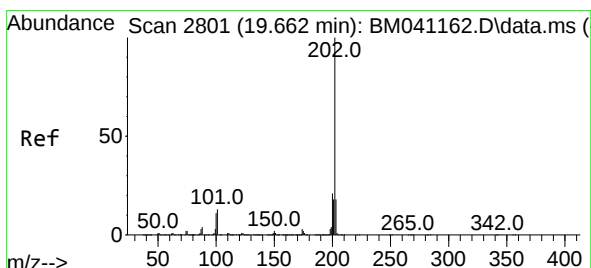
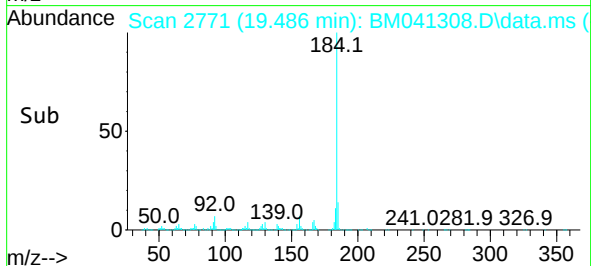
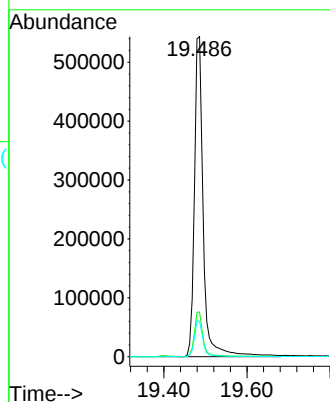
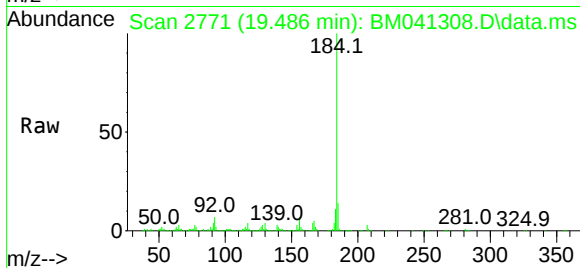
ClientSampleId :

PB154638BS

Tgt Ion:184 Resp: 804052  
 Ion Ratio Lower Upper  
 184 100  
 185 14.0 11.4 17.0  
 183 11.1 9.2 13.8

Manual Integrations  
 APPROVED

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



#78

Pyrene

Concen: 37.144 ng

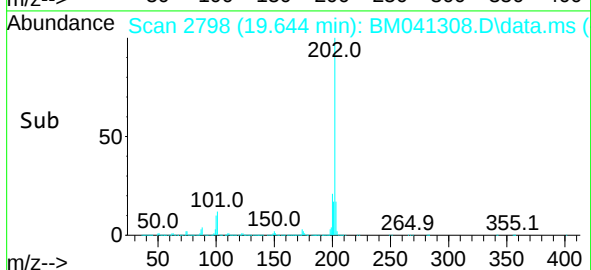
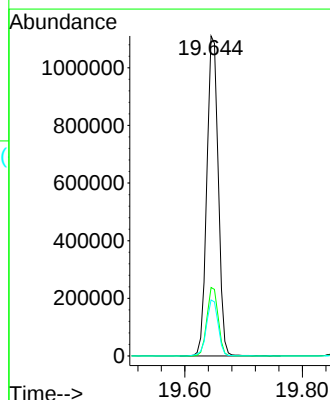
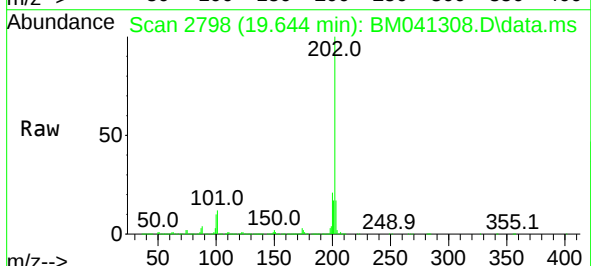
RT: 19.644 min Scan# 2798

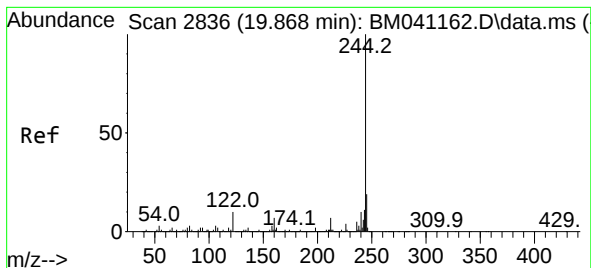
Delta R.T. -0.000 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

Tgt Ion:202 Resp: 1490849  
 Ion Ratio Lower Upper  
 202 100  
 200 21.4 16.9 25.3  
 203 17.5 14.1 21.1





#79

Terphenyl-d14

Concen: 76.168 ng

RT: 19.850 min Scan# 2833

Delta R.T. -0.000 min

Lab File: BM041308.D

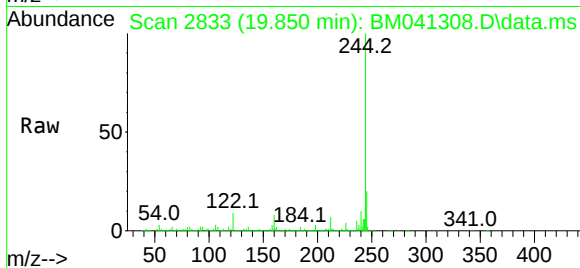
Acq: 07 Aug 2023 12:24

Instrument :

BNA\_M

ClientSampleId :

PB154638BS



Tgt Ion:244 Resp: 2417900

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

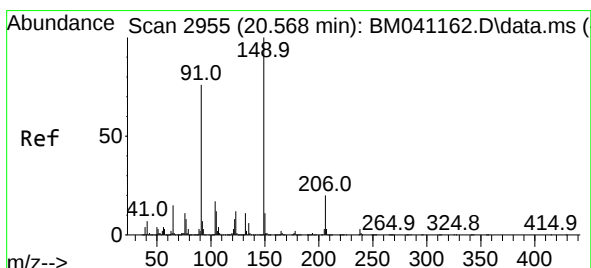
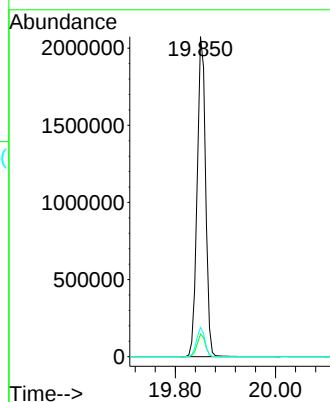
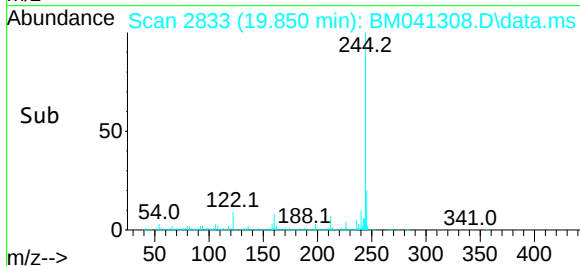
122 9.1 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2023

Supervised By :mohammad ahmed 08/08/2023



#80

Butylbenzylphthalate

Concen: 42.040 ng

RT: 20.550 min Scan# 2952

Delta R.T. -0.000 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

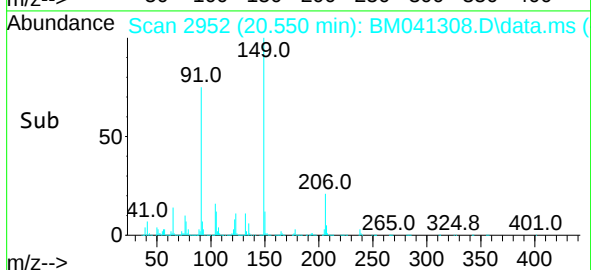
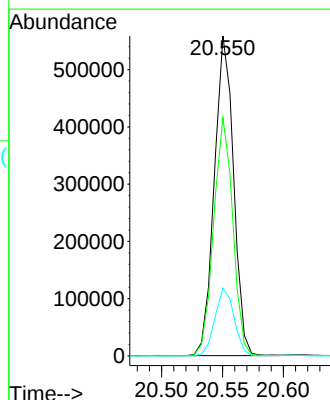
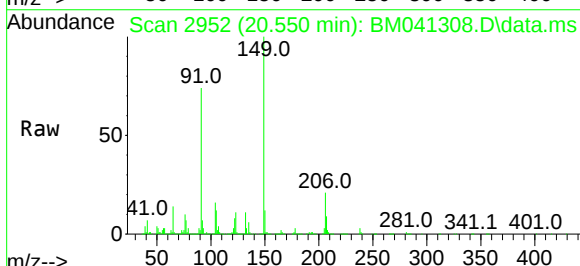
Tgt Ion:149 Resp: 616200

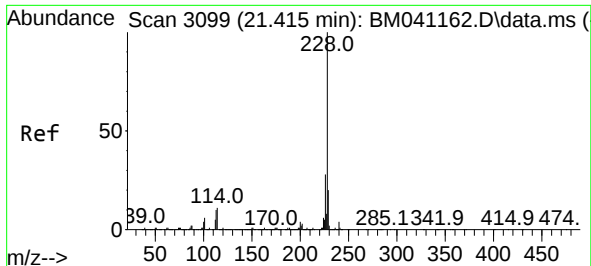
Ion Ratio Lower Upper

149 100

91 74.5 60.8 91.2

206 21.2 16.4 24.6





#81  
Benzo(a)anthracene  
Concen: 38.765 ng  
RT: 21.403 min Scan# 3099  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

Instrument :

BNA\_M

ClientSampleId :

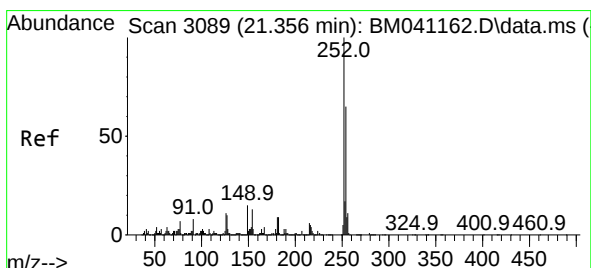
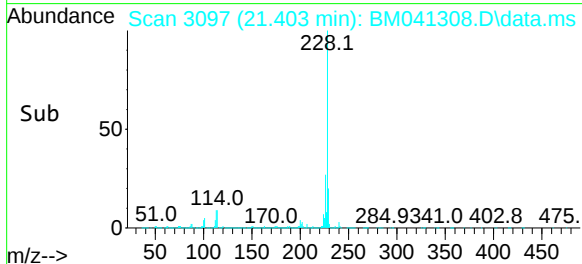
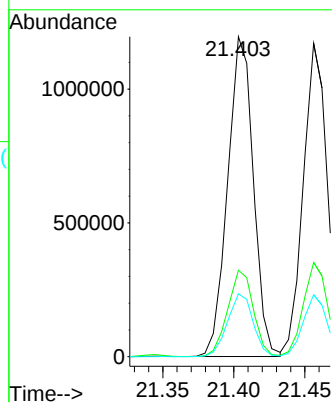
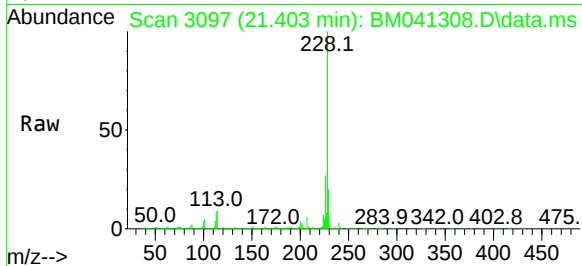
PB154638BS

Tgt Ion:228 Resp: 1508329  
Ion Ratio Lower Upper  
228 100  
226 27.0 22.4 33.6  
229 19.7 15.8 23.8

Manual Integrations

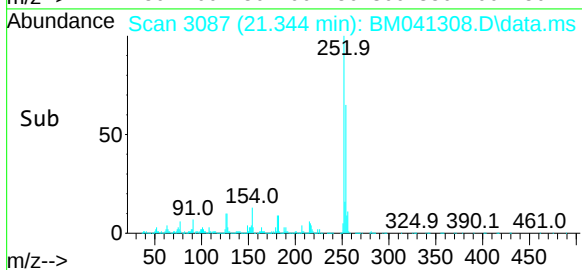
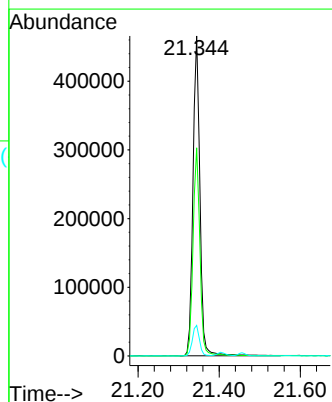
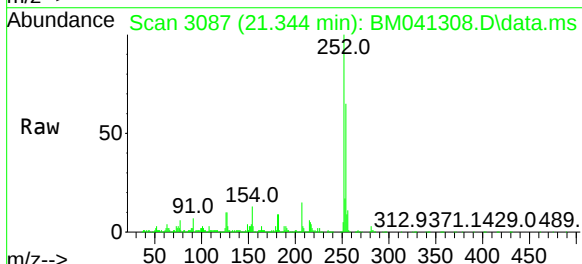
APPROVED

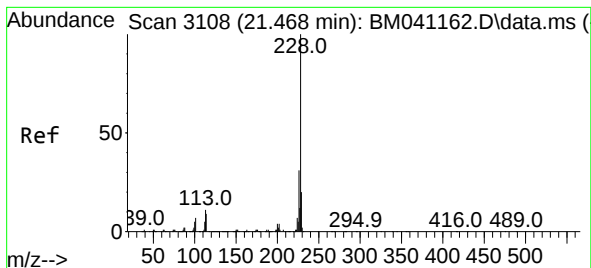
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#82  
3,3'-Dichlorobenzidine  
Concen: 43.616 ng  
RT: 21.344 min Scan# 3087  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

Tgt Ion:252 Resp: 553772  
Ion Ratio Lower Upper  
252 100  
254 65.1 51.8 77.6  
126 9.6 8.6 13.0





#83

Chrysene

Concen: 36.771 ng

RT: 21.456 min Scan# 3108

Delta R.T. -0.000 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

Instrument :

BNA\_M

ClientSampleId :

PB154638BS

Tgt Ion:228 Resp: 1383854

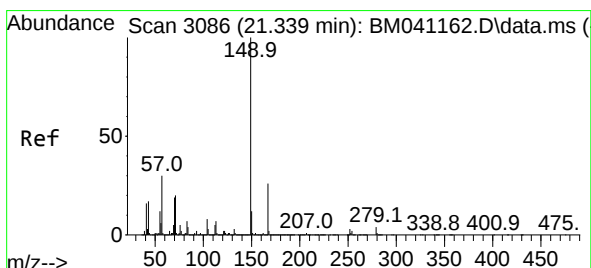
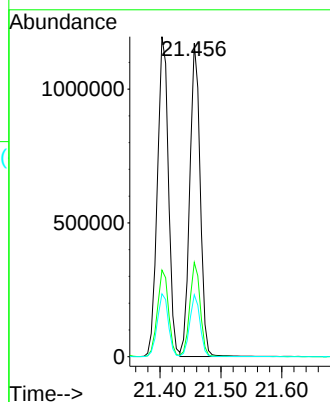
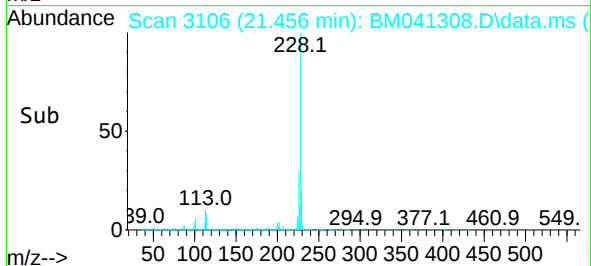
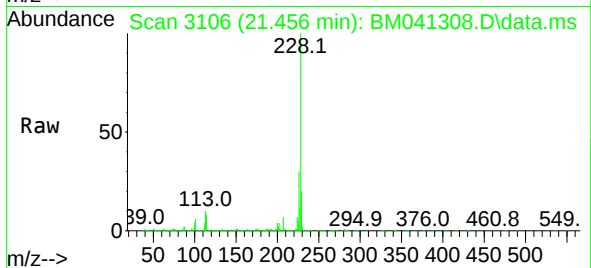
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.1  | 24.5  | 36.7  |
| 229 | 19.8  | 15.8  | 23.8  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2023

Supervised By :mohammad ahmed 08/08/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.150 ng

RT: 21.327 min Scan# 3084

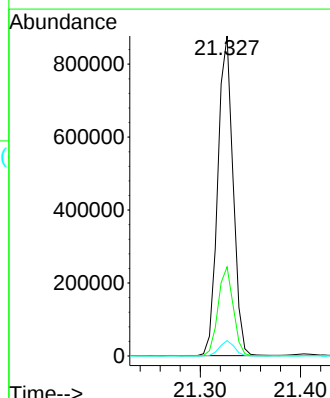
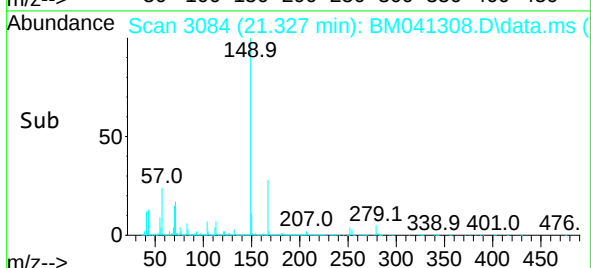
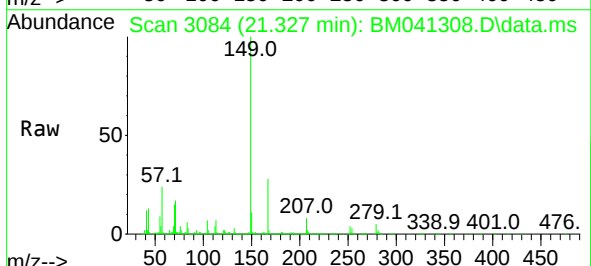
Delta R.T. -0.000 min

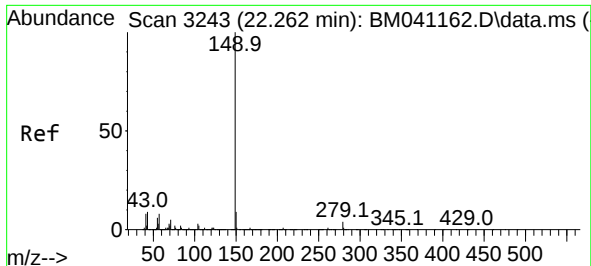
Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

Tgt Ion:149 Resp: 924364

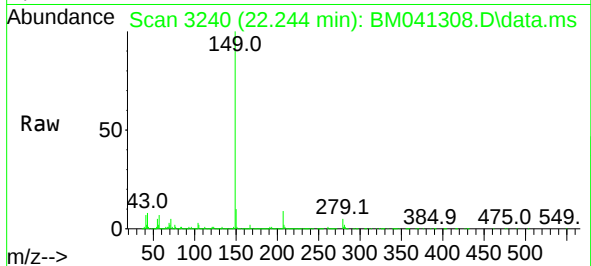
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.8  | 21.0  | 31.6  |
| 279 | 4.8   | 3.1   | 4.7   |





#85  
Di-n-octyl phthalate  
Concen: 44.078 ng  
RT: 22.244 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

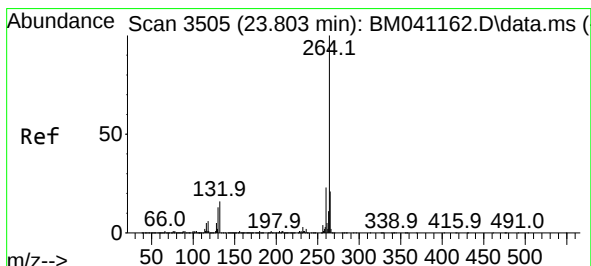
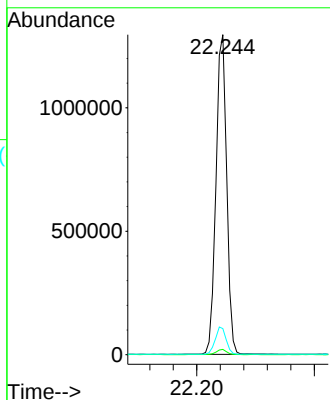
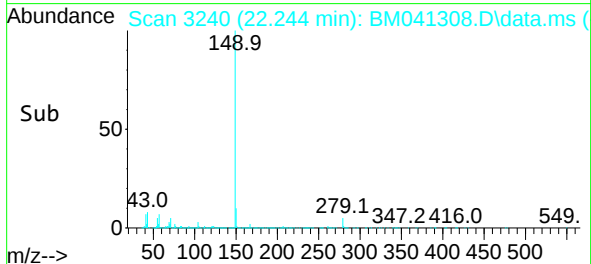
Instrument :  
BNA\_M  
ClientSampleId :  
PB154638BS



Tgt Ion:149 Resp: 1632840  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 8.6 8.3 12.5

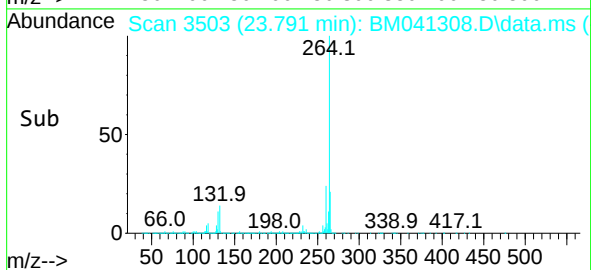
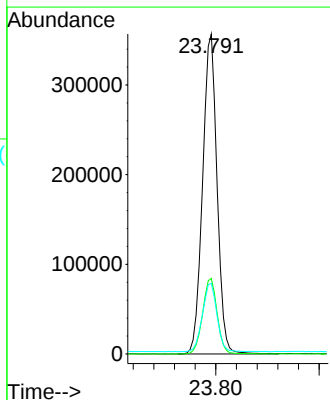
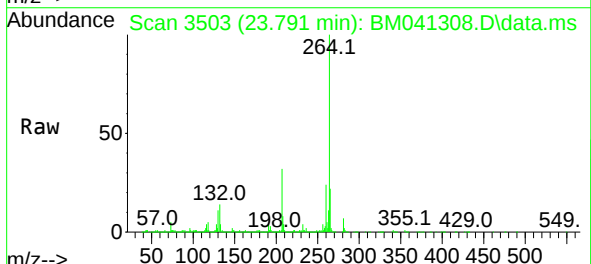
Manual Integrations  
APPROVED

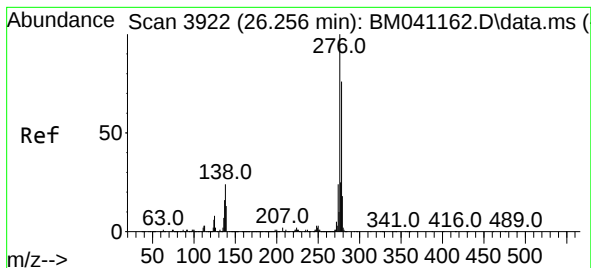
Reviewed By :Yogesh Patel 08/08/2023  
Supervised By :mohammad ahmed 08/08/2023



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.791 min Scan# 3503  
Delta R.T. 0.006 min  
Lab File: BM041308.D  
Acq: 07 Aug 2023 12:24

Tgt Ion:264 Resp: 691251  
Ion Ratio Lower Upper  
264 100  
260 23.6 18.5 27.7  
265 22.0 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.401 ng

RT: 26.244 min Scan# 3922

Delta R.T. -0.000 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

Instrument :

BNA\_M

ClientSampleId :

PB154638BS

Tgt Ion: 276 Resp: 195162

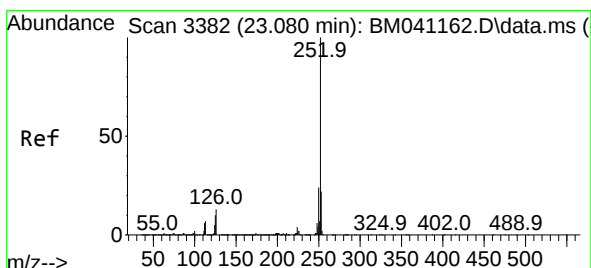
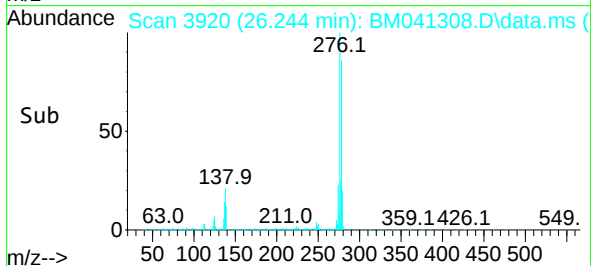
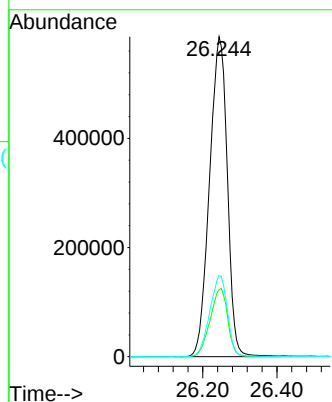
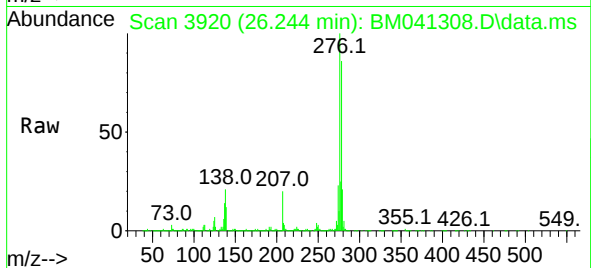
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 21.1  | 20.0  | 30.0  |
| 277 | 25.2  | 20.1  | 30.1  |

Manual Integrations

APPROVED

Reviewed By : Yogesh Patel 08/08/2023

Supervised By : mohammad ahmed 08/08/2023



#88

Benzo(b)fluoranthene

Concen: 37.881 ng

RT: 23.068 min Scan# 3380

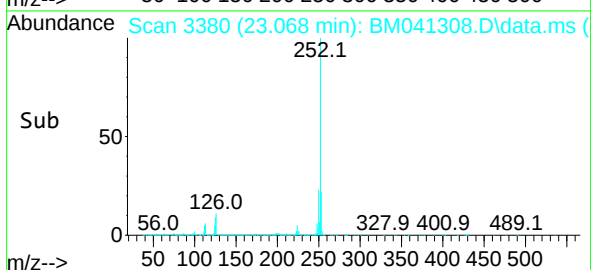
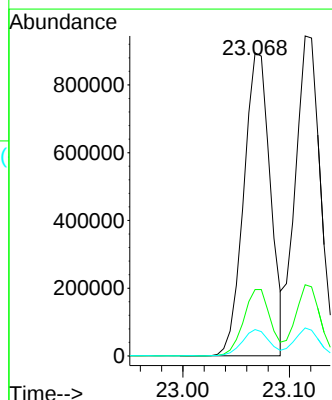
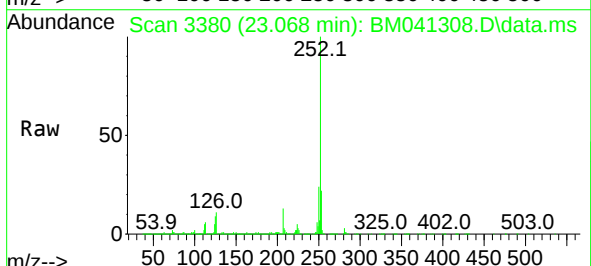
Delta R.T. -0.006 min

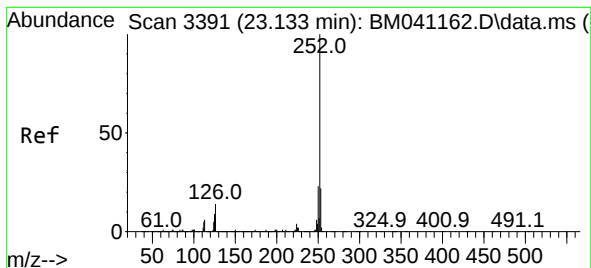
Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

Tgt Ion: 252 Resp: 1555569

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.9  | 17.7  | 26.5  |
| 125 | 8.7   | 8.2   | 12.4  |





#89

Benzo(k)fluoranthene

Concen: 36.522 ng

RT: 23.115 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

Instrument :

BNA\_M

ClientSampleId :

PB154638BS

Tgt Ion:252 Resp: 1534130

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

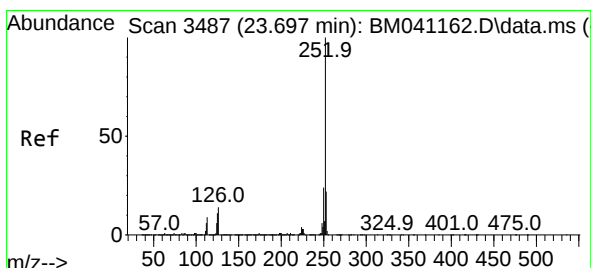
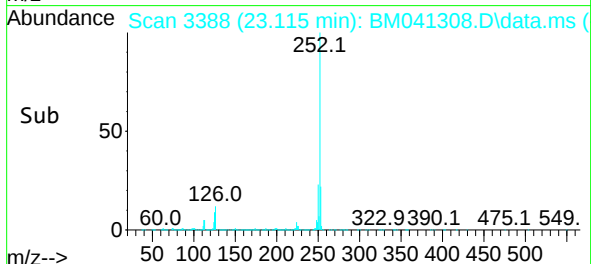
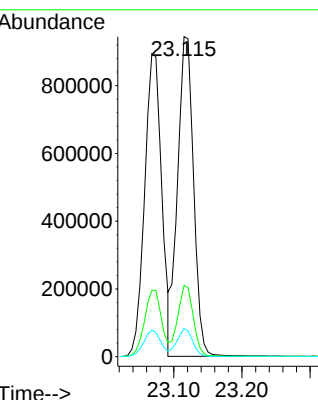
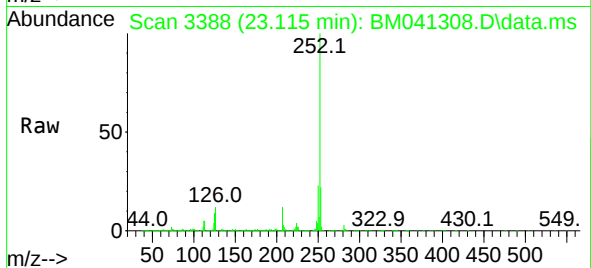
125 8.8 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2023

Supervised By :mohammad ahmed 08/08/2023



#90

Benzo(a)pyrene

Concen: 35.446 ng

RT: 23.685 min Scan# 3485

Delta R.T. -0.000 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

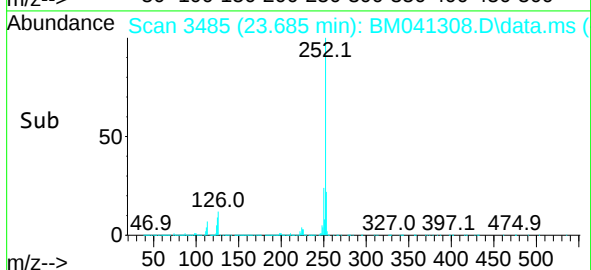
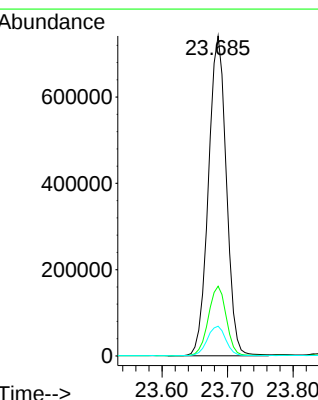
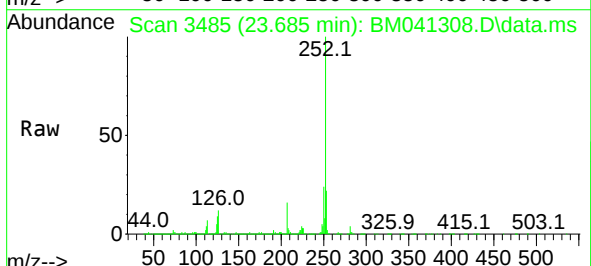
Tgt Ion:252 Resp: 1398619

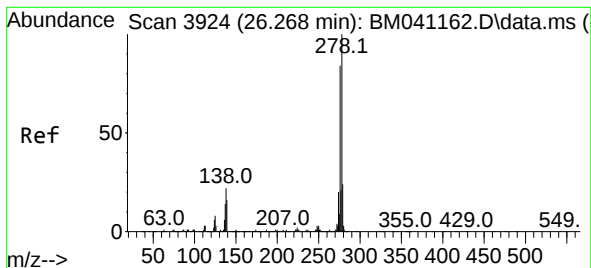
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 9.3 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 38.935 ng

RT: 26.256 min Scan# 3924

Delta R.T. -0.000 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

Instrument :

BNA\_M

ClientSampleId :

PB154638BS

Tgt Ion:278 Resp: 165044

Ion Ratio Lower Upper

278 100

139 13.3 12.7 19.1

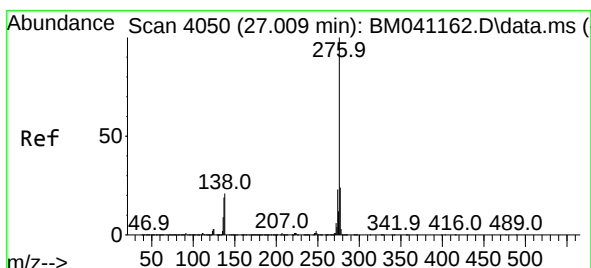
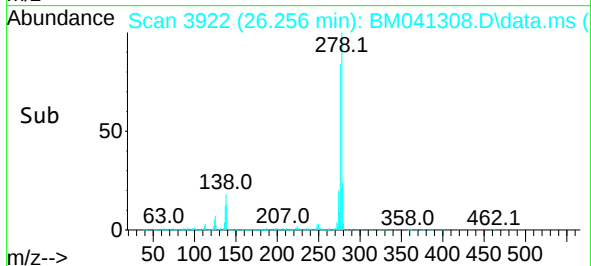
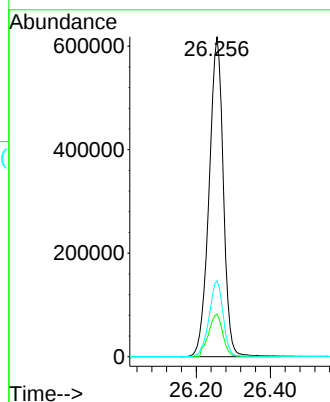
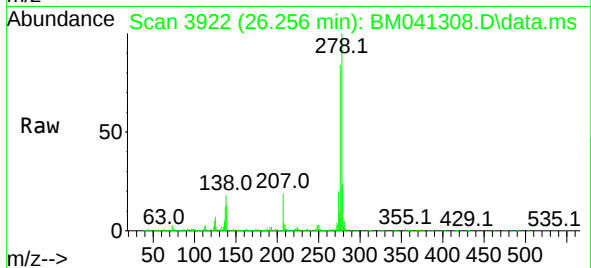
279 23.7 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2023

Supervised By :mohammad ahmed 08/08/2023



#92

Benzo(g,h,i)perylene

Concen: 37.344 ng

RT: 26.997 min Scan# 4048

Delta R.T. -0.000 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

Tgt Ion:276 Resp: 1548954

Ion Ratio Lower Upper

276 100

277 24.2 19.1 28.7

138 18.0 17.1 25.7

