

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062824\  
 Data File : BM046350.D  
 Acq On : 28 Jun 2024 13:25  
 Operator : MA/JU  
 Sample : P3076-10MS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 7-S-1MS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/29/2024  
 Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 28 14:03:36 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM062724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 28 03:23:08 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.369  | 152  | 135032   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.122 | 136  | 579089   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.016 | 164  | 352305   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 16.768 | 188  | 699168   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 20.992 | 240  | 550418   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.662 | 264  | 539540   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.052  | 112  | 774050   | 92.143  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.628  | 99   | 1018487  | 85.345  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.528  | 82   | 707766   | 50.668  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 15.527 | 330  | 364195   | 85.003  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.628 | 172  | 1189892  | 45.777  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.421 | 244  | 1681051  | 50.531  | ng    | -0.01    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.028  | 88   | 121808   | 37.607  | ng    | 98       |
| 3) Pyridine                   | 3.410  | 79   | 345159   | 38.136  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.334  | 42   | 309486   | 44.149  | ng    | 97       |
| 6) Aniline                    | 6.746  | 93   | 326978   | 30.170  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.963  | 128  | 453833   | 48.490  | ng    | 99       |
| 9) Benzaldehyde               | 6.551  | 77   | 80630    | 9.195   | ng    | 99       |
| 10) Phenol                    | 6.657  | 94   | 579904   | 49.105  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.828  | 93   | 448917   | 46.811  | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 7.257  | 146  | 458874   | 44.223  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.404  | 146  | 468862   | 43.912  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.716  | 146  | 456521   | 43.365  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.651  | 79   | 444883   | 45.348  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.898  | 45   | 745615   | 45.685  | ng    | 99       |
| 17) 2-Methylphenol            | 7.869  | 107  | 389402   | 47.285  | ng    | 98       |
| 18) Hexachloroethane          | 8.422  | 117  | 207740   | 43.190  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.193  | 70   | 400785   | 44.237  | ng    | 96       |
| 20) 3+4-Methylphenols         | 8.198  | 107  | 542198   | 45.399  | ng    | 94       |
| 22) Acetophenone              | 8.204  | 105  | 678759   | 41.963  | ng    | 100      |
| 24) Nitrobenzene              | 8.569  | 77   | 585730   | 42.685  | ng    | 98       |
| 25) Isophorone                | 9.098  | 82   | 1047942  | 44.240  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.269  | 139  | 244263   | 49.735  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 9.375  | 122  | 326233   | 52.983  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 9.575  | 93   | 603882   | 46.144  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 9.810  | 162  | 421147   | 50.647  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 9.992  | 180  | 422977   | 44.922  | ng    | 96       |
| 31) Naphthalene               | 10.175 | 128  | 1400460  | 44.129  | ng    | 99       |
| 32) Benzoic acid              | 9.622  | 122  | 292608   | 39.875  | ng    | 96       |
| 33) 4-Chloroaniline           | 10.345 | 127  | 198854   | 17.888  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.457 | 225  | 255260   | 43.973  | ng    | 99       |
| 35) Caprolactam               | 11.169 | 113  | 125613m  | 41.241  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.492 | 107  | 480957   | 46.487  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 11.792 | 142  | 954541   | 44.598  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.022 | 142  | 888460   | 41.983  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.175 | 216  | 418386   | 44.515  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.151 | 237  | 429107   | 116.506 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 12.445 | 196  | 317985   | 50.938  | ng    | 98       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062824\  
 Data File : BM046350.D  
 Acq On : 28 Jun 2024 13:25  
 Operator : MA/JU  
 Sample : P3076-10MS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 7-S-1MS

Manual Integrations  
 APPROVED

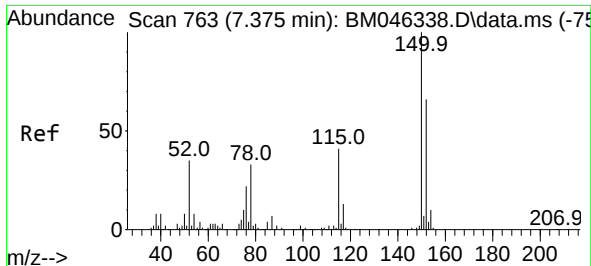
Reviewed By :Yogesh Patel 06/29/2024  
 Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 28 14:03:36 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM062724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 28 03:23:08 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.539 | 196  | 350886   | 48.780  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 12.839 | 154  | 1145926  | 43.447  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 12.875 | 162  | 952427   | 46.520  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.133 | 65   | 392568   | 48.298  | ng    | 98       |
| 49) Acenaphthylene            | 13.733 | 152  | 1615439  | 51.180  | ng    | 100      |
| 50) Dimethylphthalate         | 13.516 | 163  | 1202447  | 46.689  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.627 | 165  | 254098   | 44.305  | ng    | 99       |
| 52) Acenaphthene              | 14.080 | 154  | 896926   | 45.717  | ng    | 99       |
| 53) 3-Nitroaniline            | 13.974 | 138  | 187172   | 32.301  | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 14.174 | 184  | 263830   | 77.987  | ng    | 99       |
| 55) Dibenzofuran              | 14.422 | 168  | 1474793  | 46.913  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.345 | 139  | 433713   | 89.869  | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 14.427 | 165  | 377501   | 45.483  | ng    | 97       |
| 58) Fluorene                  | 15.074 | 166  | 1244558  | 46.283  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.674 | 232  | 297617   | 49.089  | ng    | 99       |
| 60) Diethylphthalate          | 14.886 | 149  | 1324588  | 46.754  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.074 | 204  | 585429   | 46.771  | ng    | 99       |
| 62) 4-Nitroaniline            | 15.163 | 138  | 252609   | 44.422  | ng    | 98       |
| 63) Azobenzene                | 15.374 | 77   | 1590125  | 47.099  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.198 | 198  | 181749   | 41.424  | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 15.304 | 169  | 985515   | 48.528  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 15.974 | 248  | 336495   | 47.135  | ng    | 99       |
| 68) Hexachlorobenzene         | 16.080 | 284  | 387447   | 45.968  | ng    | 98       |
| 69) Atrazine                  | 16.286 | 200  | 312923   | 55.745  | ng    | 98       |
| 70) Pentachlorophenol         | 16.445 | 266  | 511998   | 96.577  | ng    | 98       |
| 71) Phenanthrene              | 16.815 | 178  | 1829397  | 49.170  | ng    | 100      |
| 72) Anthracene                | 16.904 | 178  | 1808325  | 49.968  | ng    | 99       |
| 73) Carbazole                 | 17.198 | 167  | 1663227  | 46.675  | ng    | 100      |
| 74) Di-n-butylphthalate       | 17.762 | 149  | 2405792  | 50.250  | ng    | 100      |
| 75) Fluoranthene              | 18.839 | 202  | 2073321  | 47.159  | ng    | 99       |
| 77) Benzidine                 | 19.062 | 184  | 692925   | 121.332 | ng    | 99       |
| 78) Pyrene                    | 19.204 | 202  | 2128099  | 55.662  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.133 | 149  | 1074676  | 59.741  | ng    | 98       |
| 81) Benzo(a)anthracene        | 20.974 | 228  | 1795554  | 49.729  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 20.927 | 252  | 426807   | 36.852  | ng    | 98       |
| 83) Chrysene                  | 21.033 | 228  | 1666730  | 48.267  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 20.921 | 149  | 1636530  | 52.988  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 21.933 | 149  | 2413455  | 53.070  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.621 | 276  | 1760736  | 50.882  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 22.833 | 252  | 1553400  | 48.609  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 22.886 | 252  | 1543793  | 48.563  | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.539 | 252  | 1425907  | 50.800  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.650 | 278  | 1420091  | 49.148  | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 27.532 | 276  | 1371869  | 47.935  | ng    | 98       |

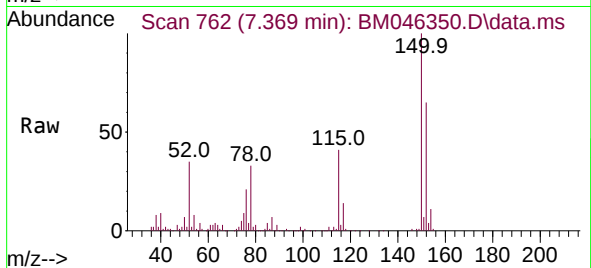
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.369 min Scan# 7  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

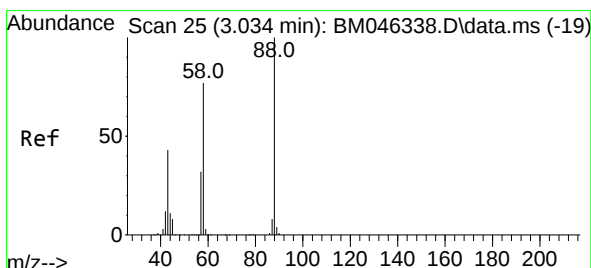
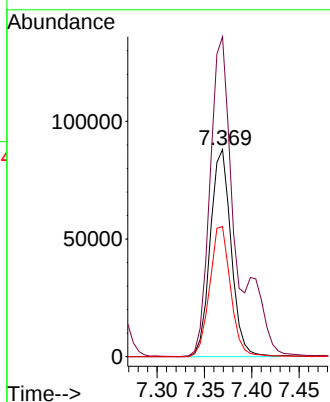
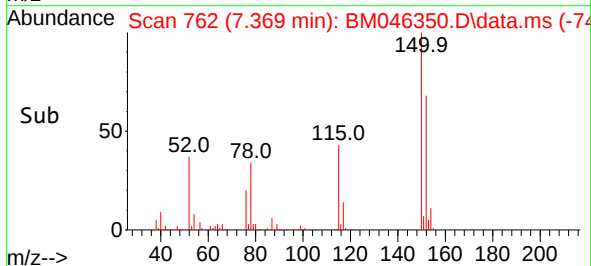
Instrument :  
BNA\_M  
ClientSampleId :  
7-S-1MS



Tgt Ion:152 Resp: 13503  
Ion Ratio Lower Upper  
152 100  
150 154.5 122.1 183.1  
115 62.8 50.2 75.4

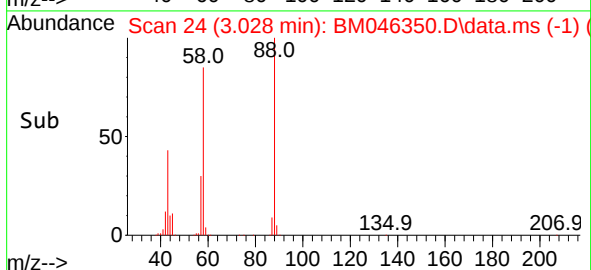
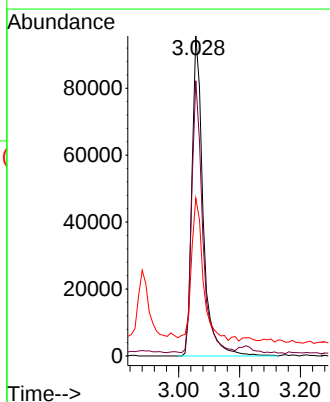
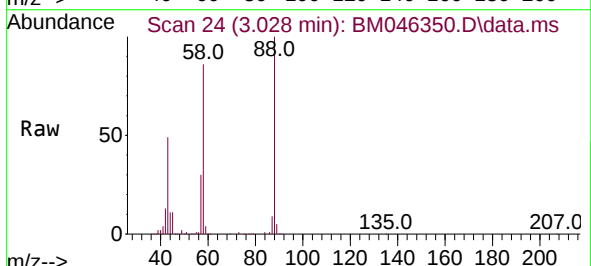
Manual Integrations  
APPROVED

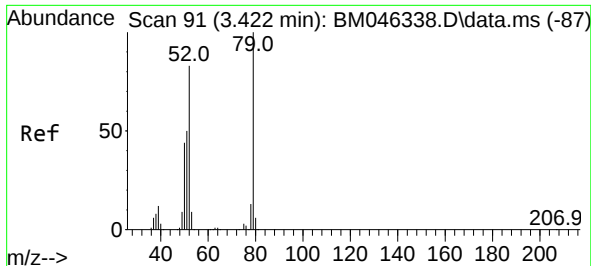
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#2  
1,4-Dioxane  
Concen: 37.607 ng  
RT: 3.028 min Scan# 24  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

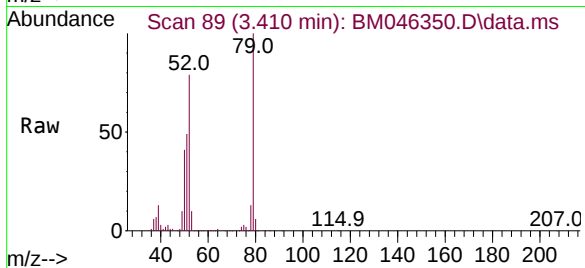
Tgt Ion: 88 Resp: 121808  
Ion Ratio Lower Upper  
88 100  
58 82.8 65.2 97.8  
43 45.9 38.4 57.6





#3  
Pyridine  
Concen: 38.136 ng  
RT: 3.410 min Scan# 89  
Delta R.T. -0.012 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

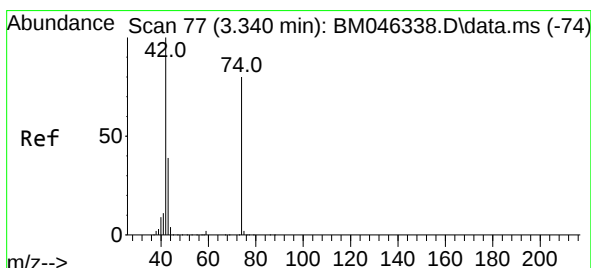
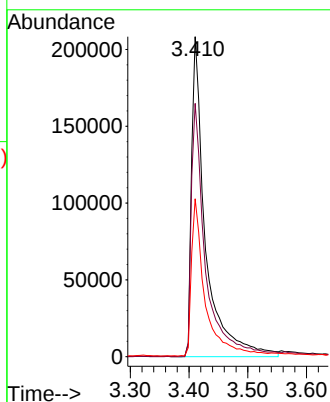
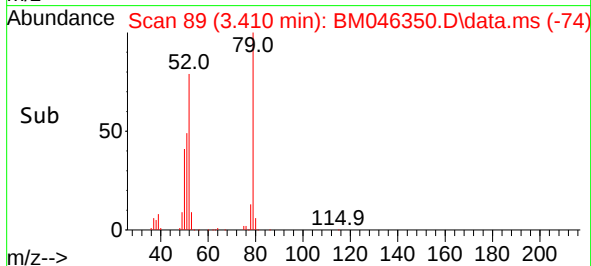
Instrument :  
BNA\_M  
ClientSampleId :  
7-S-1MS



Tgt Ion: 79 Resp: 345159  
Ion Ratio Lower Upper  
79 100  
52 79.1 66.4 99.6  
51 49.4 40.8 61.2

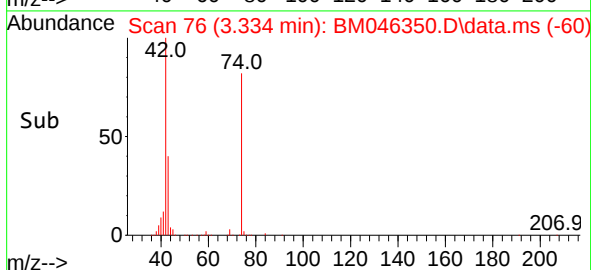
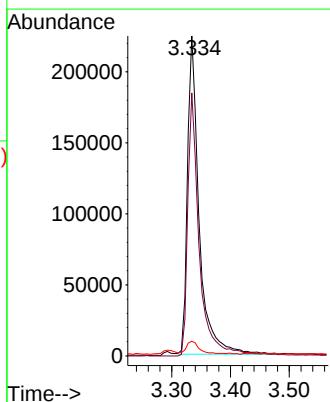
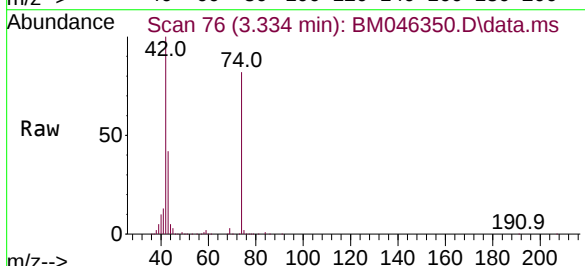
Manual Integrations  
APPROVED

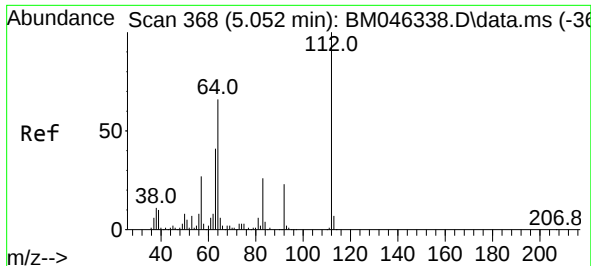
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#4  
n-Nitrosodimethylamine  
Concen: 44.149 ng  
RT: 3.334 min Scan# 76  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

Tgt Ion: 42 Resp: 309486  
Ion Ratio Lower Upper  
42 100  
74 82.2 63.6 95.4  
44 4.6 3.8 5.6





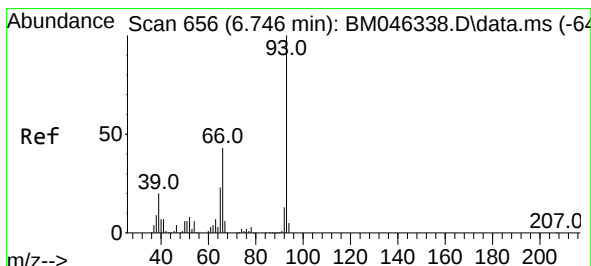
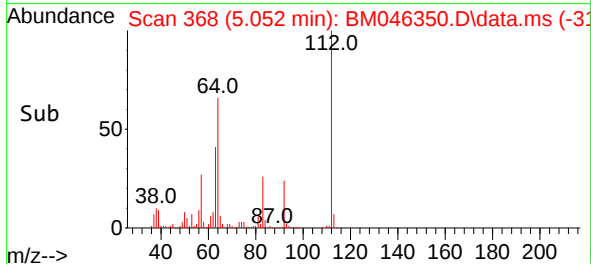
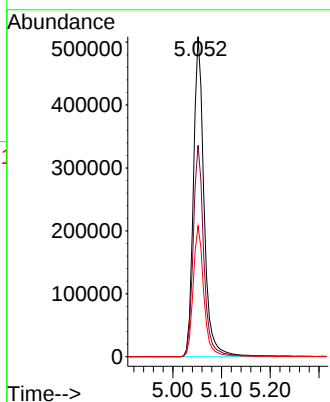
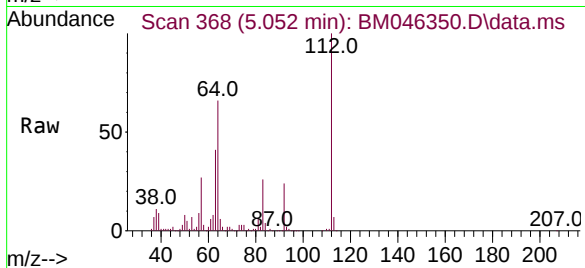
#5  
2-Fluorophenol  
Concen: 92.143 ng  
RT: 5.052 min Scan# 368  
Delta R.T. 0.000 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

Instrument :  
BNA\_M  
ClientSampleId :  
7-S-1MS

Tgt Ion: 112 Resp: 774050  
Ion Ratio Lower Upper  
112 100  
64 66.1 52.8 79.2  
63 40.8 32.9 49.3

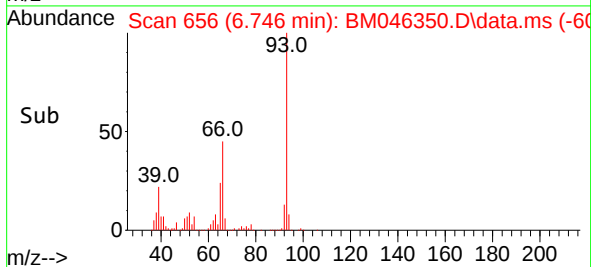
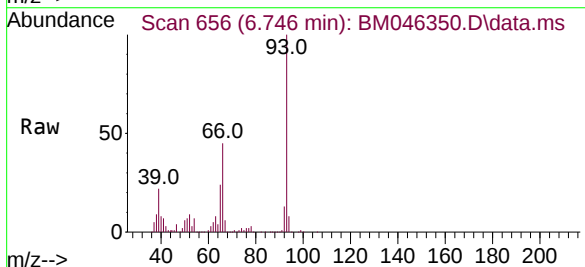
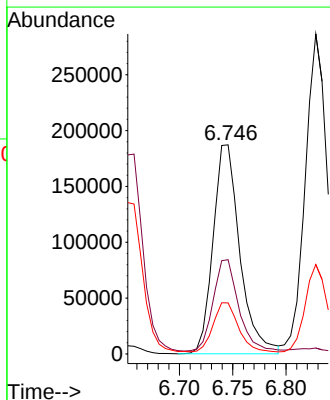
Manual Integrations  
APPROVED

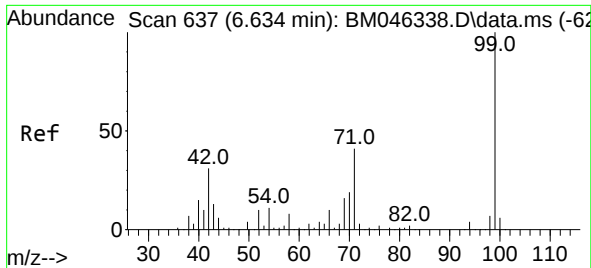
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#6  
Aniline  
Concen: 30.170 ng  
RT: 6.746 min Scan# 656  
Delta R.T. 0.000 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

Tgt Ion: 93 Resp: 326978  
Ion Ratio Lower Upper  
93 100  
66 45.0 35.5 53.3  
65 24.4 19.3 28.9





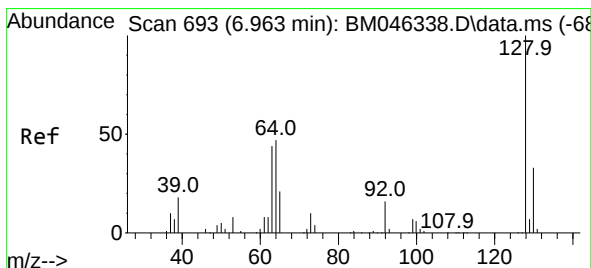
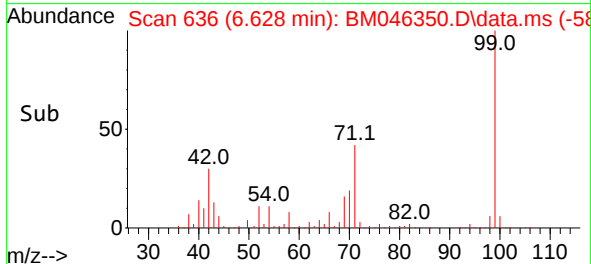
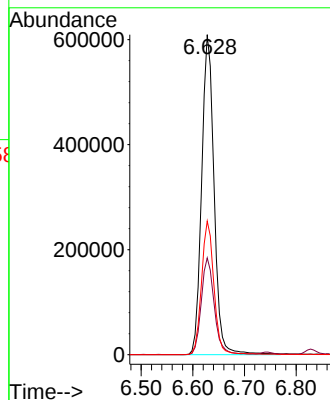
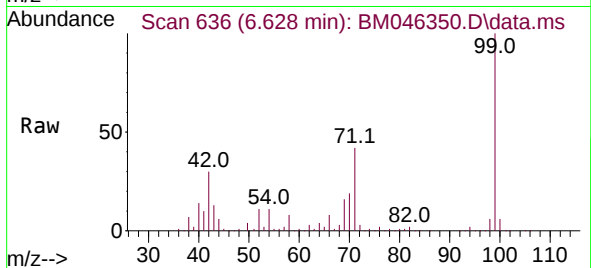
#7  
Phenol-d6  
Concen: 85.345 ng  
RT: 6.628 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

Instrument :  
BNA\_M  
ClientSampleId :  
7-S-1MS

Tgt Ion: 99 Resp: 101848  
Ion Ratio Lower Upper  
99 100  
42 30.2 24.8 37.2  
71 41.7 33.1 49.7

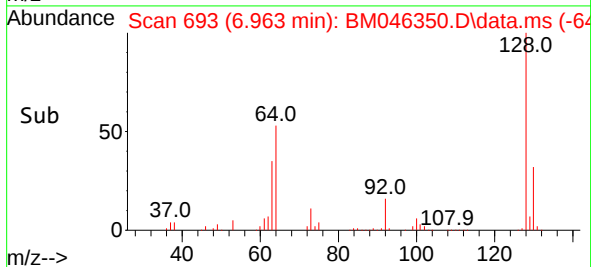
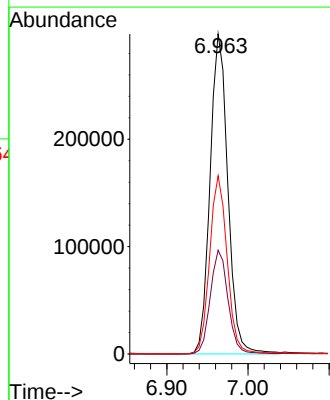
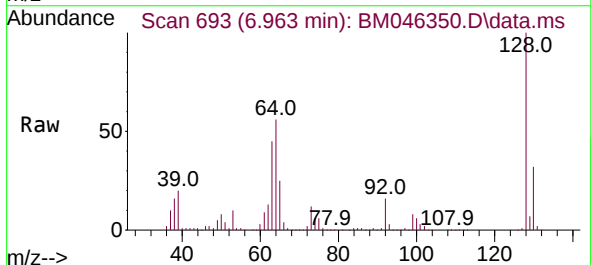
Manual Integrations  
APPROVED

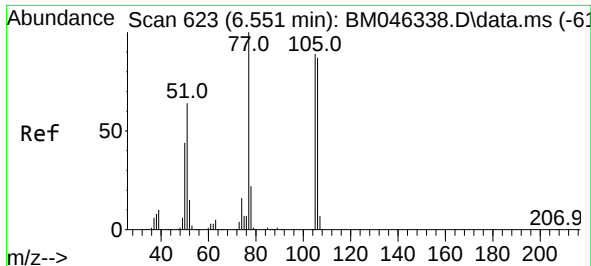
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#8  
2-Chlorophenol  
Concen: 48.490 ng  
RT: 6.963 min Scan# 693  
Delta R.T. 0.000 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

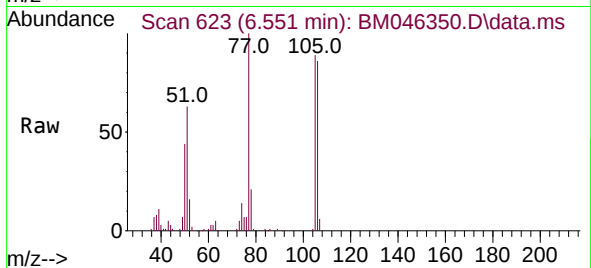
Tgt Ion:128 Resp: 453833  
Ion Ratio Lower Upper  
128 100  
130 32.4 13.0 53.0  
64 55.7 36.5 76.5





#9  
Benzaldehyde  
Concen: 9.195 ng  
RT: 6.551 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

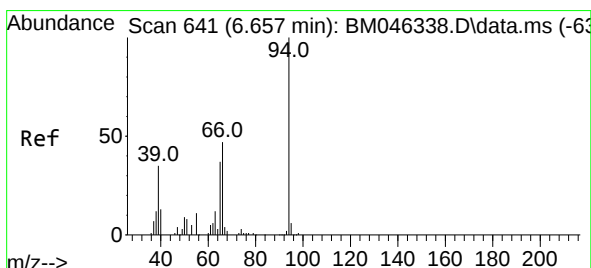
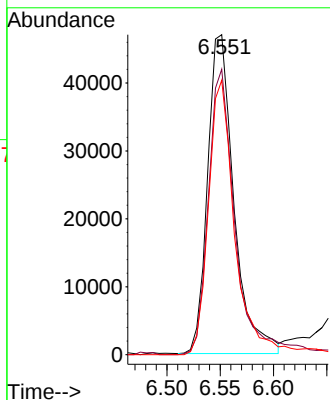
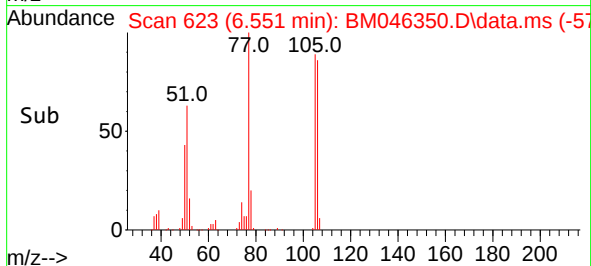
Instrument :  
BNA\_M  
ClientSampleId :  
7-S-1MS



Tgt Ion: 77 Resp: 80630  
Ion Ratio Lower Upper  
77 100  
105 89.2 69.2 109.2  
106 85.8 66.9 106.9

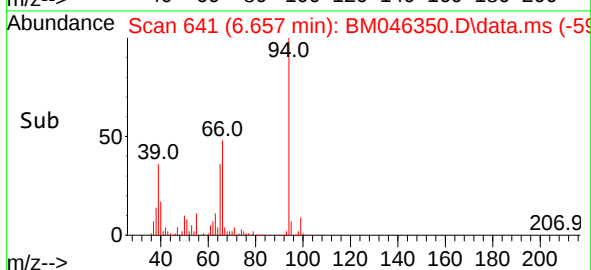
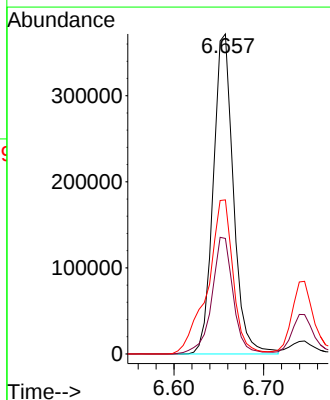
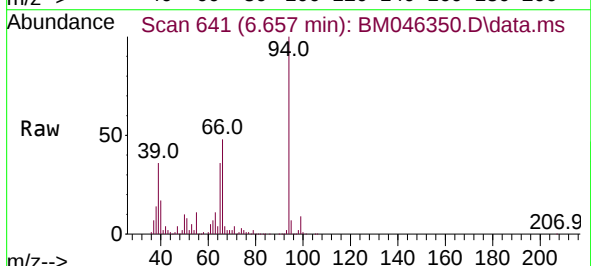
Manual Integrations  
APPROVED

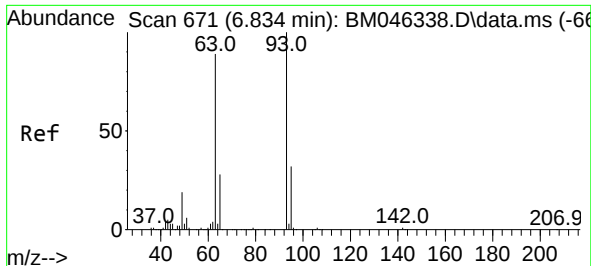
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#10  
Phenol  
Concen: 49.105 ng  
RT: 6.657 min Scan# 641  
Delta R.T. 0.000 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

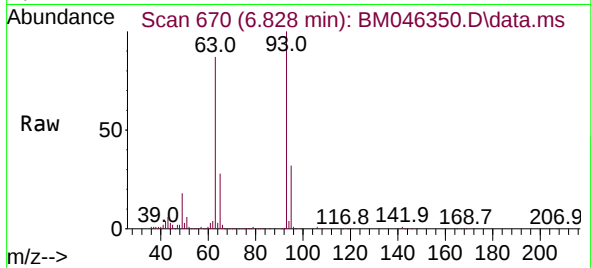
Tgt Ion: 94 Resp: 579904  
Ion Ratio Lower Upper  
94 100  
65 36.1 17.6 57.6  
66 48.1 29.9 69.9





#11  
bis(2-Chloroethyl)ether  
Concen: 46.811 ng  
RT: 6.828 min Scan# 670  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

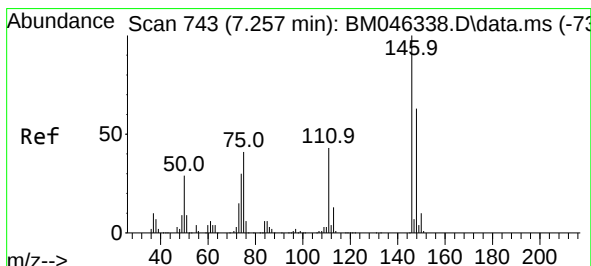
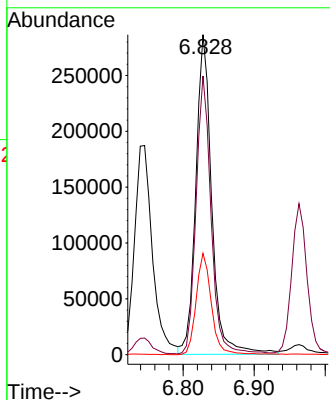
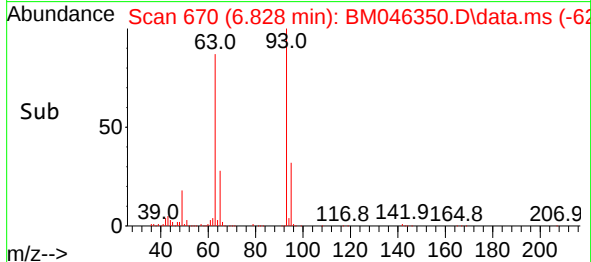
Instrument :  
BNA\_M  
ClientSampleId :  
7-S-1MS



Tgt Ion: 93 Resp: 44891  
Ion Ratio Lower Upper  
93 100  
63 87.1 67.2 107.2  
95 31.6 11.4 51.4

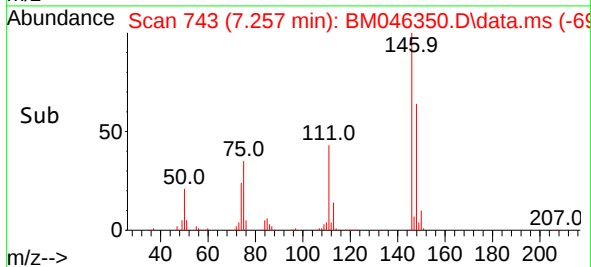
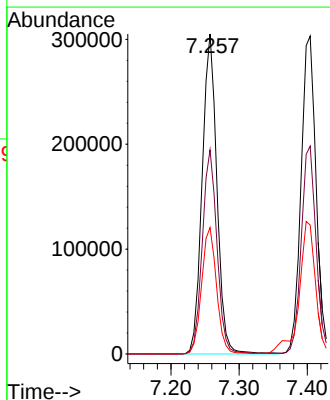
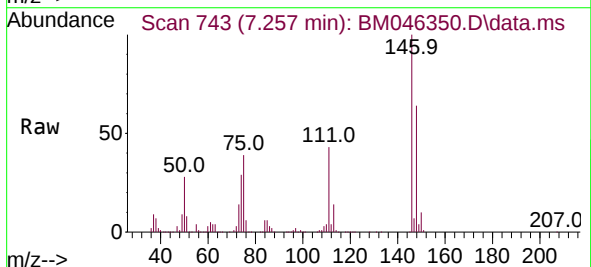
Manual Integrations  
APPROVED

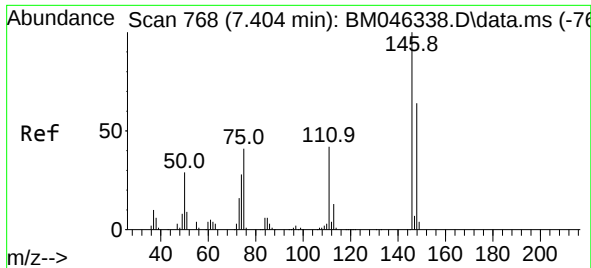
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#12  
1,3-Dichlorobenzene  
Concen: 44.223 ng  
RT: 7.257 min Scan# 743  
Delta R.T. 0.000 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

Tgt Ion:146 Resp: 458874  
Ion Ratio Lower Upper  
146 100  
148 63.8 50.6 75.8  
75 39.5 32.6 49.0





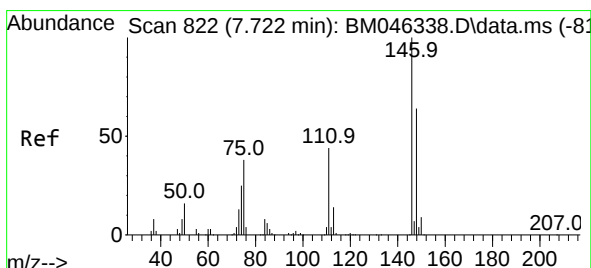
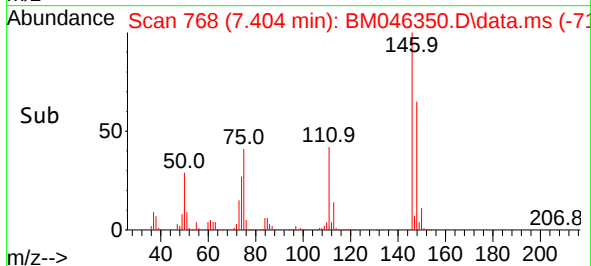
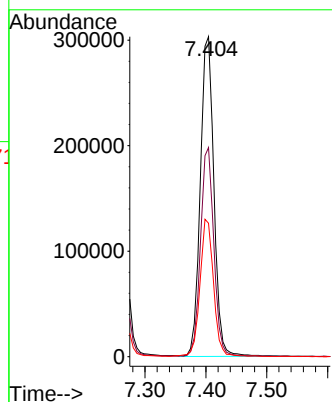
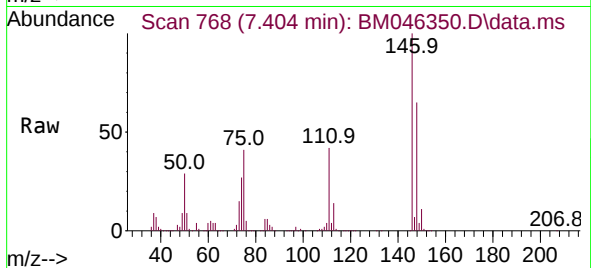
#13  
1,4-Dichlorobenzene  
Concen: 43.912 ng  
RT: 7.404 min Scan# 70  
Delta R.T. 0.000 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

Instrument :  
BNA\_M  
ClientSampleId :  
7-S-1MS

Tgt Ion:146 Resp: 468862  
Ion Ratio Lower Upper  
146 100  
148 65.4 51.4 77.0  
111 41.7 33.7 50.5

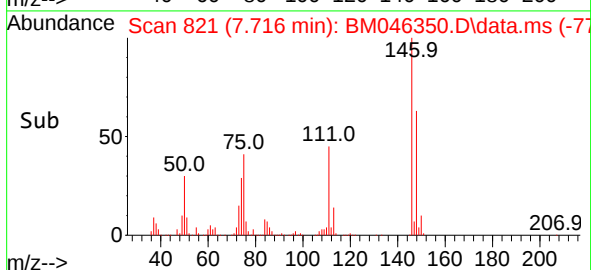
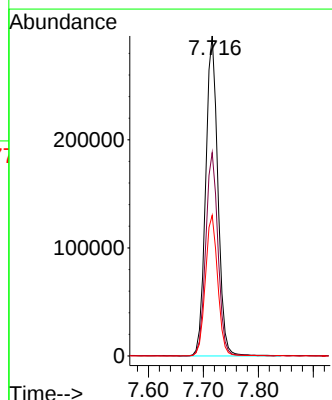
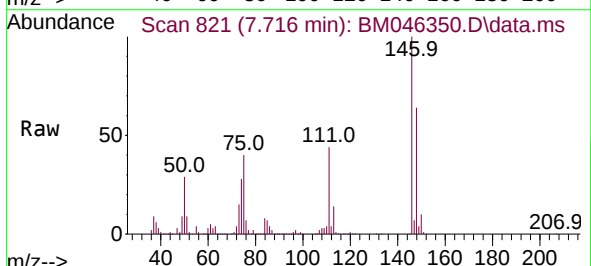
Manual Integrations  
APPROVED

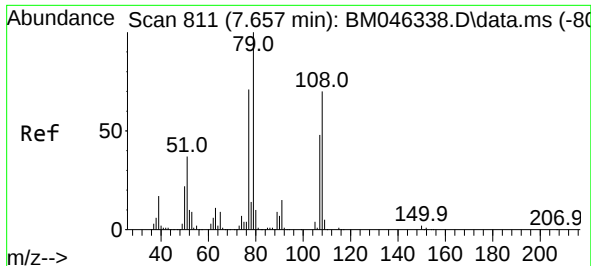
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#14  
1,2-Dichlorobenzene  
Concen: 43.365 ng  
RT: 7.716 min Scan# 821  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

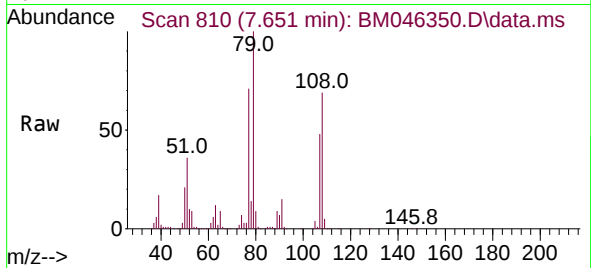
Tgt Ion:146 Resp: 456521  
Ion Ratio Lower Upper  
146 100  
148 63.6 51.3 76.9  
111 43.9 35.4 53.2





#15  
Benzyl Alcohol  
Concen: 45.348 ng  
RT: 7.651 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

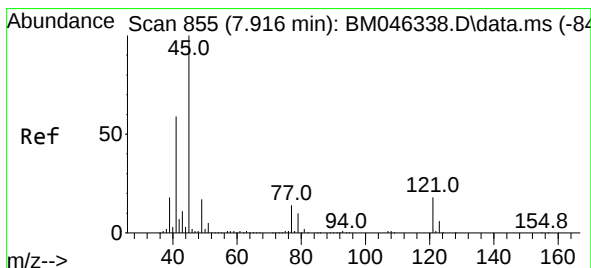
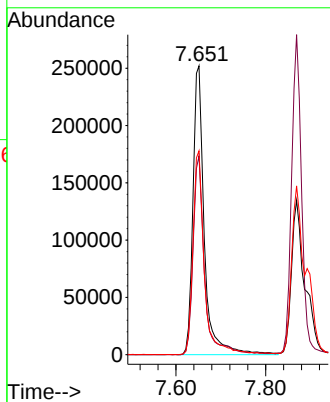
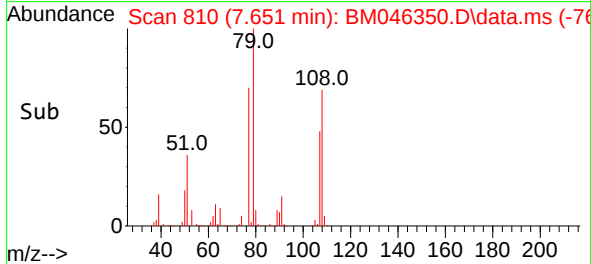
Instrument :  
BNA\_M  
ClientSampleId :  
7-S-1MS



Tgt Ion: 79 Resp: 44488  
Ion Ratio Lower Upper  
79 100  
108 68.8 56.1 84.1  
77 70.6 56.9 85.3

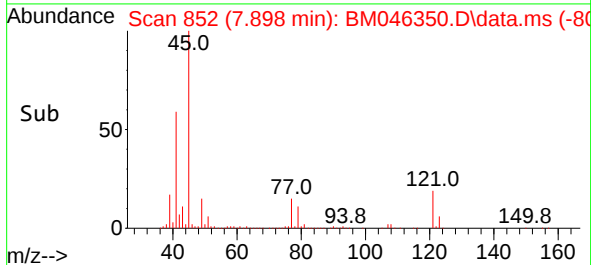
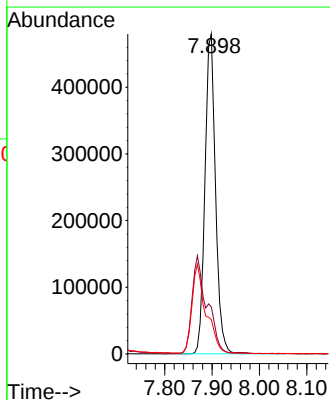
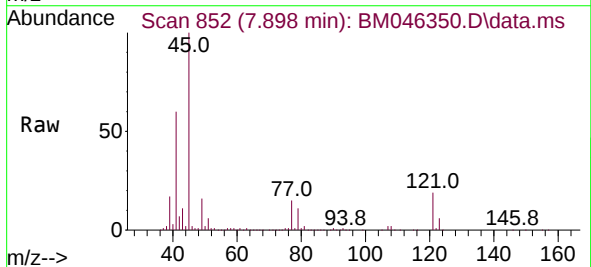
Manual Integrations  
APPROVED

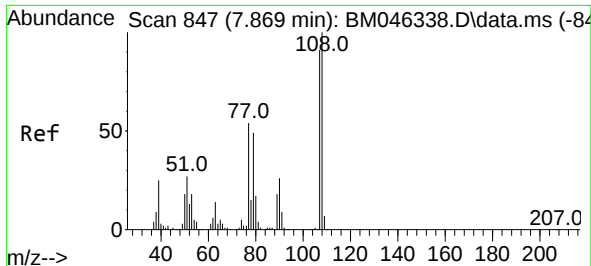
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 45.685 ng  
RT: 7.898 min Scan# 852  
Delta R.T. -0.018 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

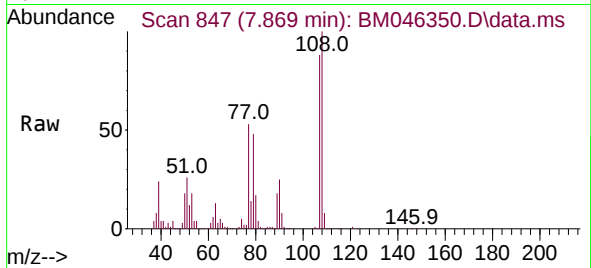
Tgt Ion: 45 Resp: 745615  
Ion Ratio Lower Upper  
45 100  
77 14.7 0.0 34.3  
79 10.7 0.0 30.8





#17  
2-Methylphenol  
Concen: 47.285 ng  
RT: 7.869 min Scan# 847  
Delta R.T. 0.000 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

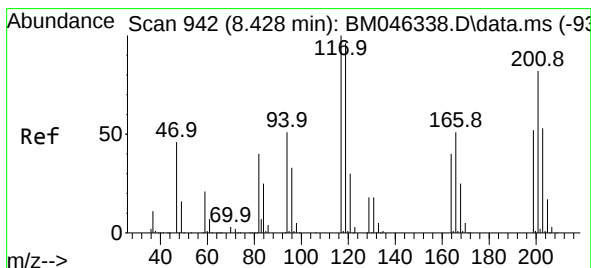
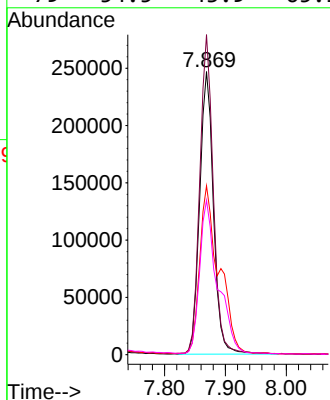
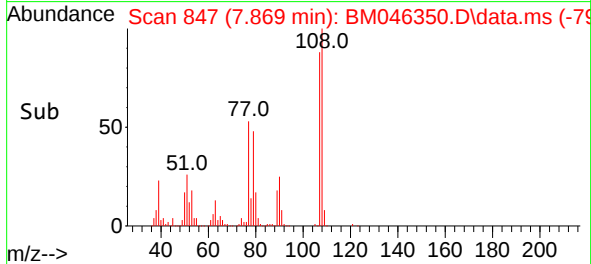
Instrument :  
BNA\_M  
ClientSampleId :  
7-S-1MS



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 113.0 | 88.1  | 132.1 |
| 77      | 59.6  | 47.5  | 71.3  |
| 79      | 54.5  | 43.9  | 65.9  |

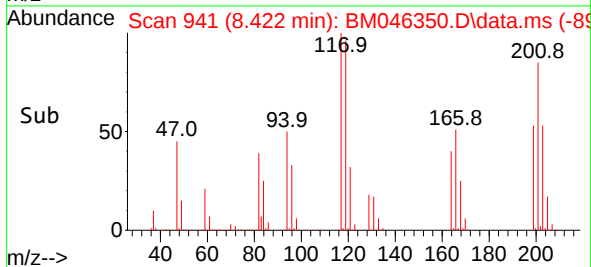
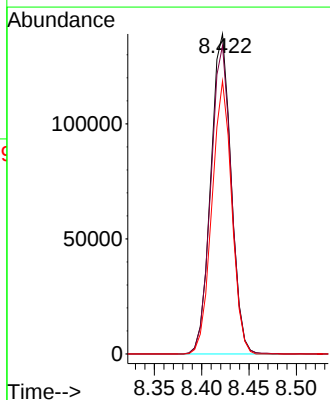
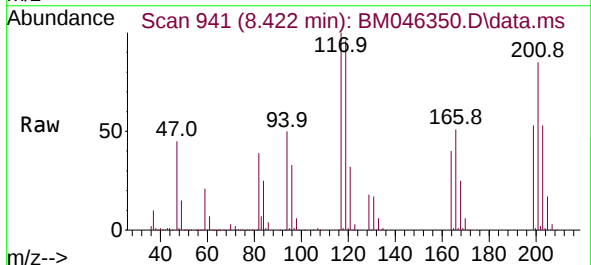
Manual Integrations  
APPROVED

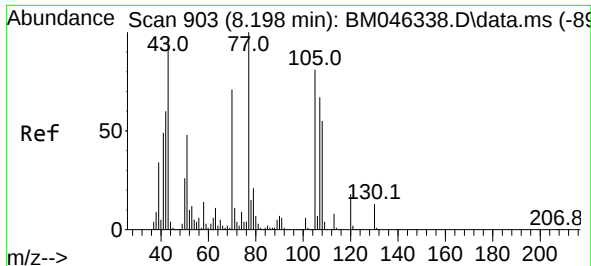
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#18  
Hexachloroethane  
Concen: 43.190 ng  
RT: 8.422 min Scan# 941  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

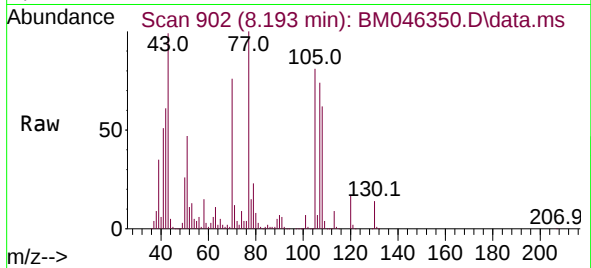
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.4  | 76.9  | 115.3 |
| 201     | 85.2  | 67.2  | 100.8 |





#19  
n-Nitroso-di-n-propylamine  
Concen: 44.237 ng  
RT: 8.193 min Scan# 903  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

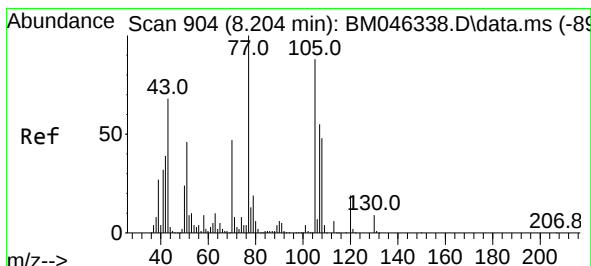
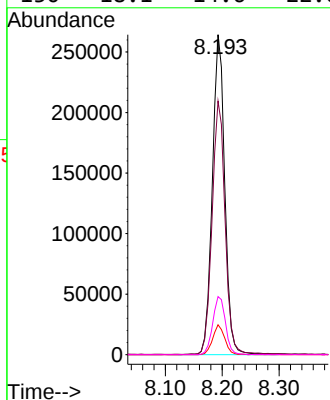
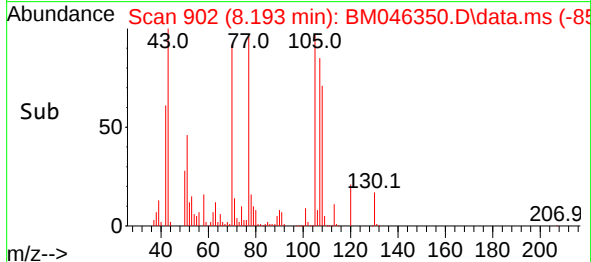
Instrument :  
BNA\_M  
ClientSampleId :  
7-S-1MS



Tgt Ion: 70 Resp: 400785  
Ion Ratio Lower Upper  
70 100  
42 79.3 67.0 100.6  
101 9.3 7.3 10.9  
130 18.1 14.6 22.0

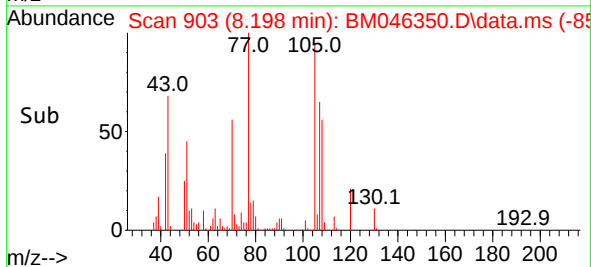
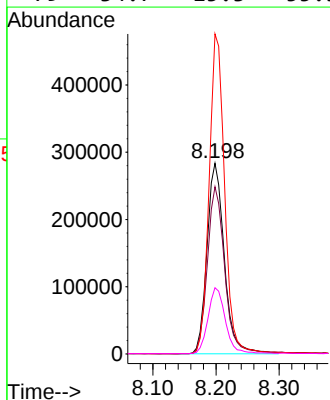
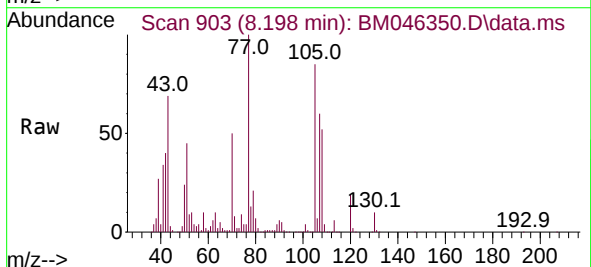
Manual Integrations  
APPROVED

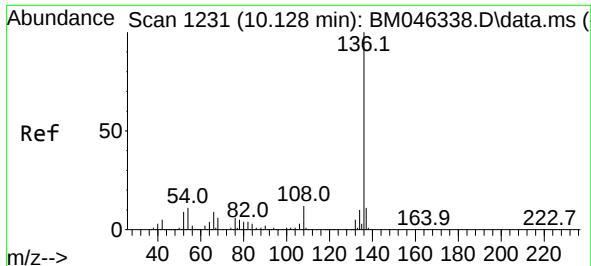
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#20  
3+4-Methylphenols  
Concen: 45.399 ng  
RT: 8.198 min Scan# 903  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

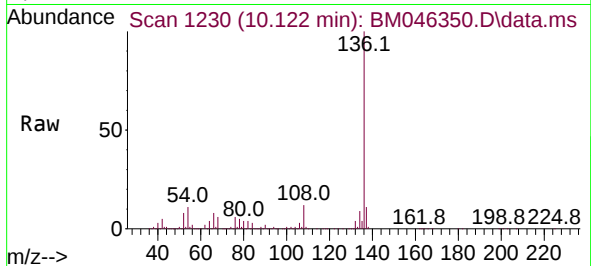
Tgt Ion:107 Resp: 542198  
Ion Ratio Lower Upper  
107 100  
108 87.6 67.7 107.7  
77 167.7 161.4 201.4  
79 34.7 15.3 55.3





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.122 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

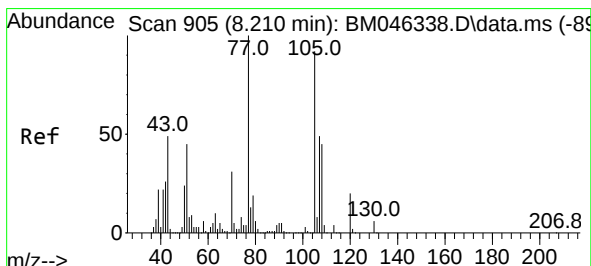
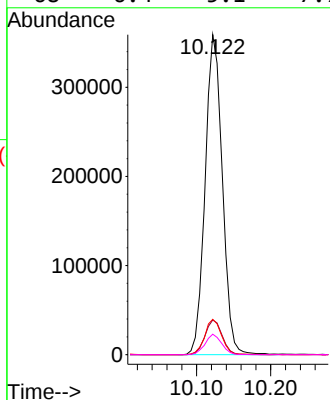
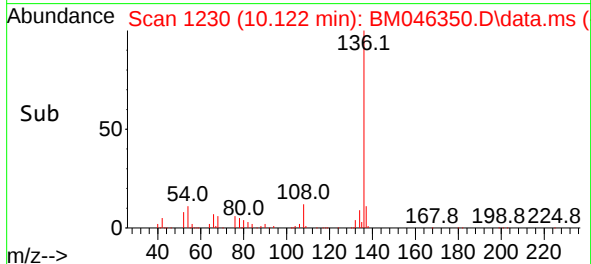
Instrument :  
BNA\_M  
ClientSampleId :  
7-S-1MS



Tgt Ion:136 Resp: 579089  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 11.1 9.0 13.4  
68 6.4 5.1 7.7

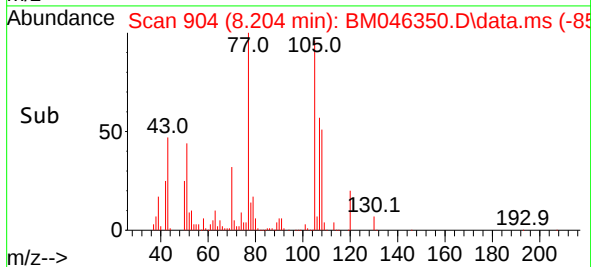
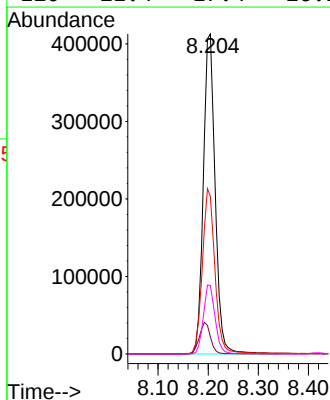
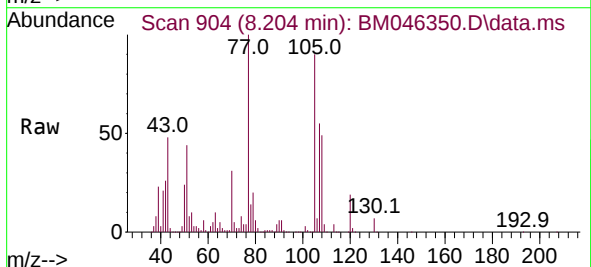
Manual Integrations  
APPROVED

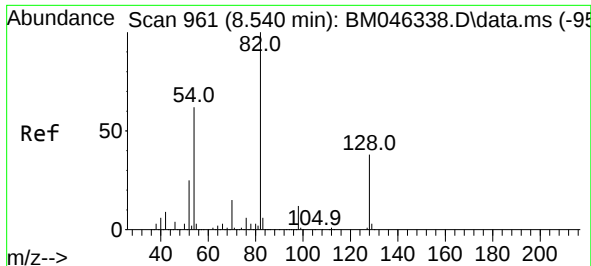
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#22  
Acetophenone  
Concen: 41.963 ng  
RT: 8.204 min Scan# 904  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

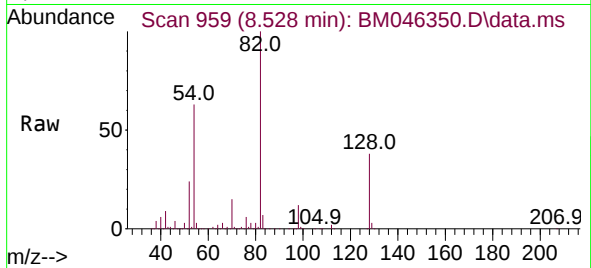
Tgt Ion:105 Resp: 678759  
Ion Ratio Lower Upper  
105 100  
71 5.4 4.2 6.2  
51 49.3 39.4 59.0  
120 21.4 17.4 26.2





#23  
Nitrobenzene-d5  
Concen: 50.668 ng  
RT: 8.528 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

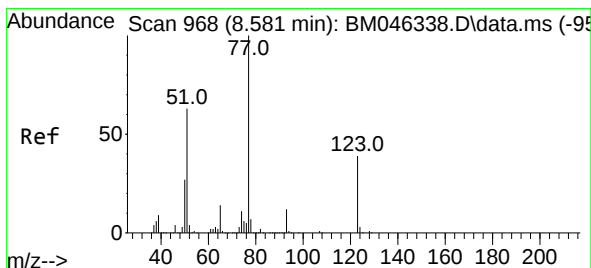
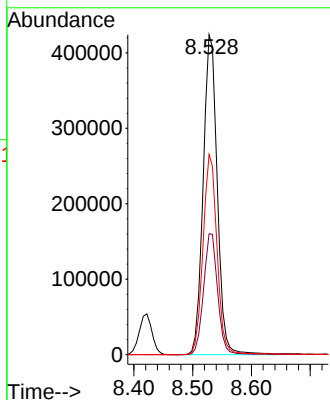
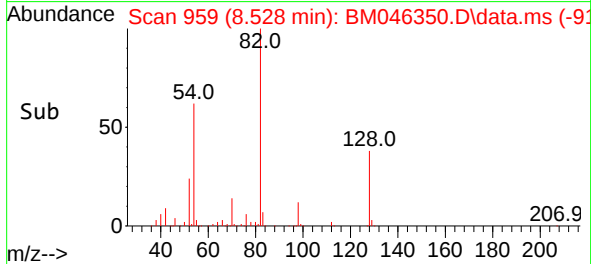
Instrument :  
BNA\_M  
ClientSampleId :  
7-S-1MS



Tgt Ion: 82 Resp: 707760  
Ion Ratio Lower Upper  
82 100  
128 37.8 30.6 46.0  
54 62.5 49.6 74.4

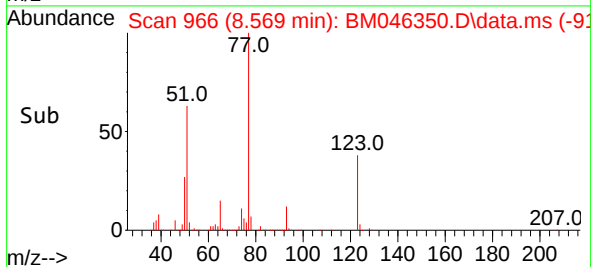
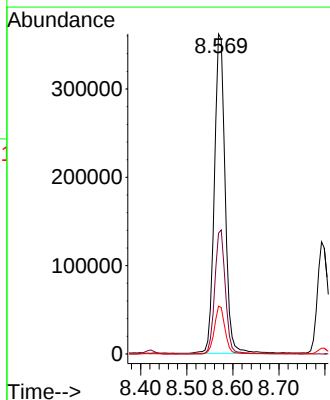
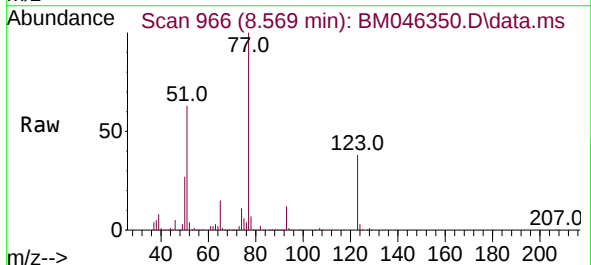
Manual Integrations  
APPROVED

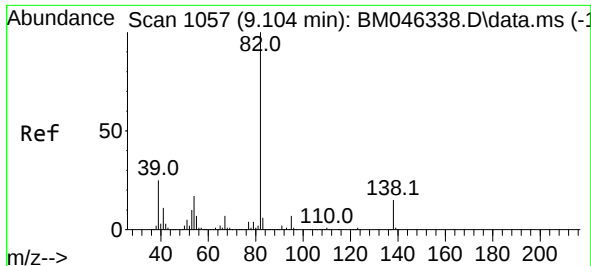
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#24  
Nitrobenzene  
Concen: 42.685 ng  
RT: 8.569 min Scan# 966  
Delta R.T. -0.012 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

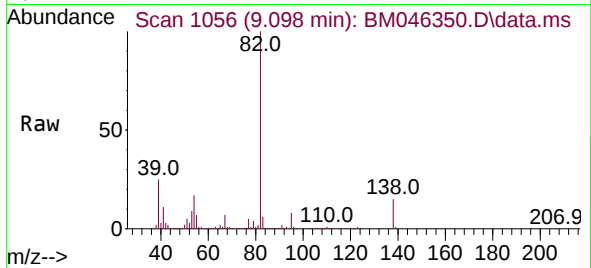
Tgt Ion: 77 Resp: 585730  
Ion Ratio Lower Upper  
77 100  
123 37.7 31.4 47.0  
65 15.0 11.5 17.3





#25  
Isophorone  
Concen: 44.240 ng  
RT: 9.098 min Scan# 1056  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

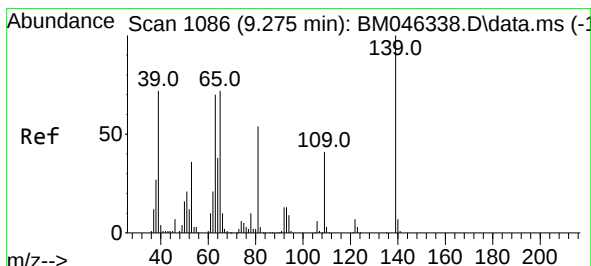
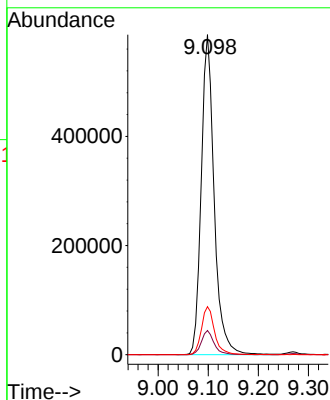
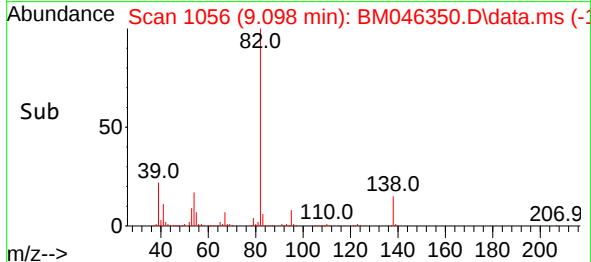
Instrument :  
BNA\_M  
ClientSampleId :  
7-S-1MS



Tgt Ion: 82 Resp: 104794  
Ion Ratio Lower Upper  
82 100  
95 7.6 5.7 8.5  
138 15.0 12.2 18.2

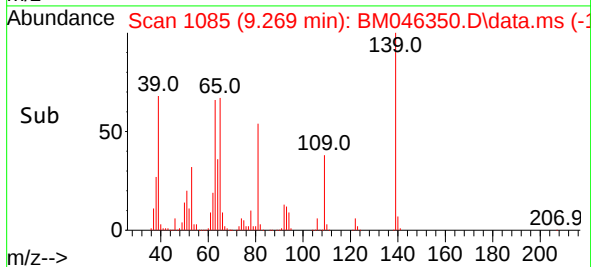
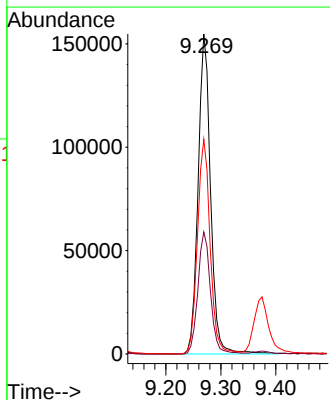
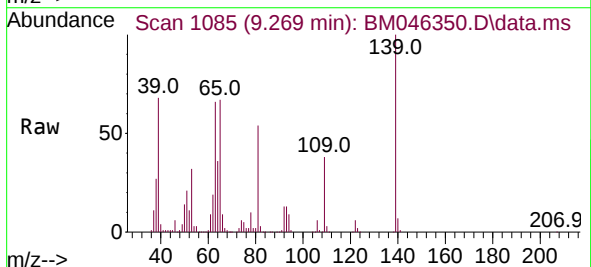
Manual Integrations  
APPROVED

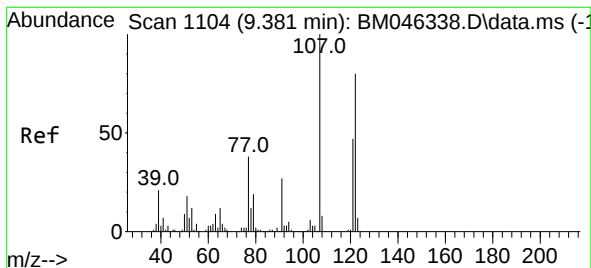
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#26  
2-Nitrophenol  
Concen: 49.735 ng  
RT: 9.269 min Scan# 1085  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

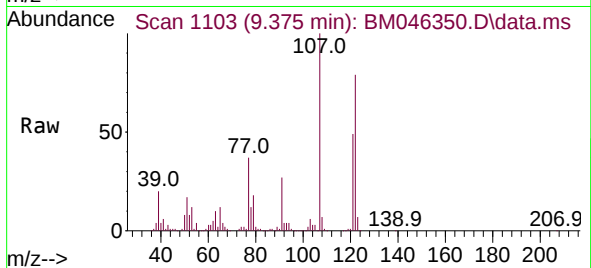
Tgt Ion:139 Resp: 244263  
Ion Ratio Lower Upper  
139 100  
109 38.1 32.9 49.3  
65 67.1 57.4 86.2





#27  
2,4-Dimethylphenol  
Concen: 52.983 ng  
RT: 9.375 min Scan# 1103  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

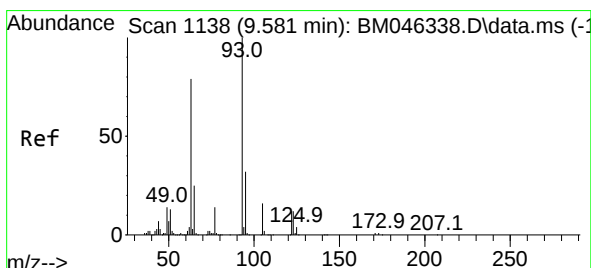
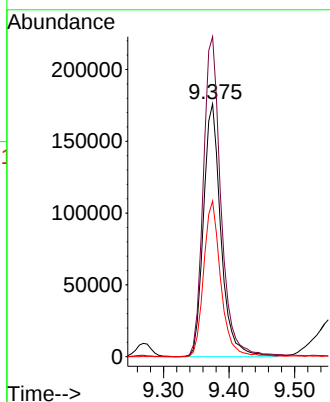
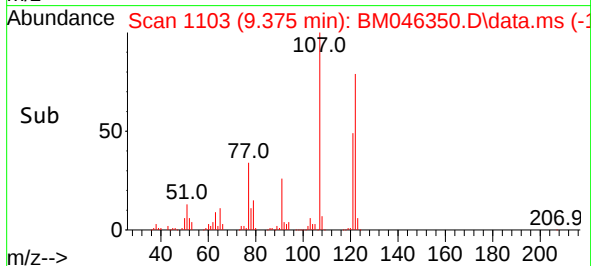
Instrument :  
BNA\_M  
ClientSampleId :  
7-S-1MS



Tgt Ion:122 Resp: 32623  
Ion Ratio Lower Upper  
122 100  
107 126.6 99.5 149.3  
121 61.6 47.2 70.8

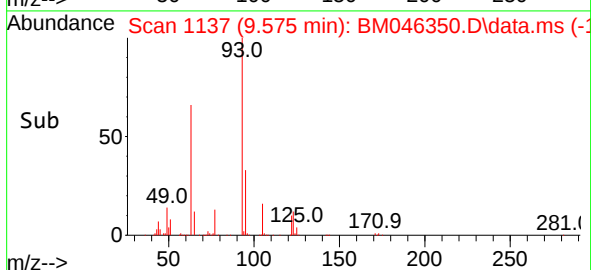
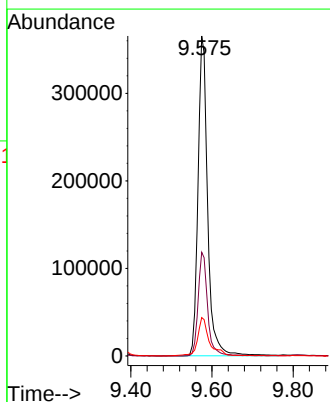
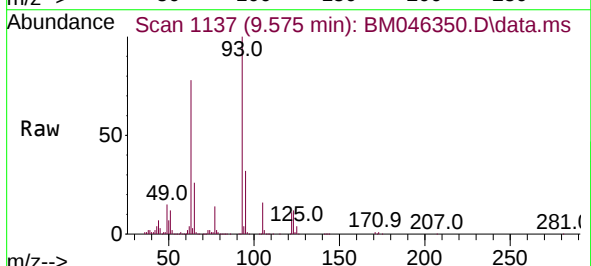
Manual Integrations  
APPROVED

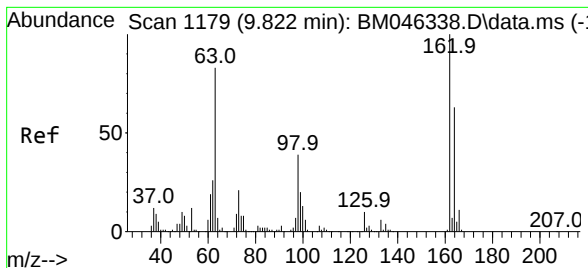
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#28  
bis(2-Chloroethoxy)methane  
Concen: 46.144 ng  
RT: 9.575 min Scan# 1137  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

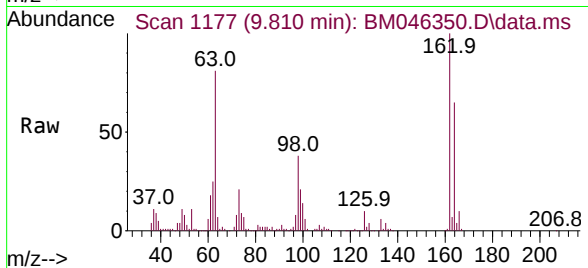
Tgt Ion: 93 Resp: 603882  
Ion Ratio Lower Upper  
93 100  
95 32.4 25.6 38.4  
123 12.0 9.5 14.3





#29  
2,4-Dichlorophenol  
Concen: 50.647 ng  
RT: 9.810 min Scan# 1179  
Delta R.T. -0.012 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

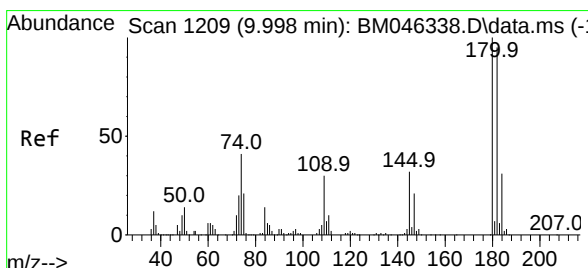
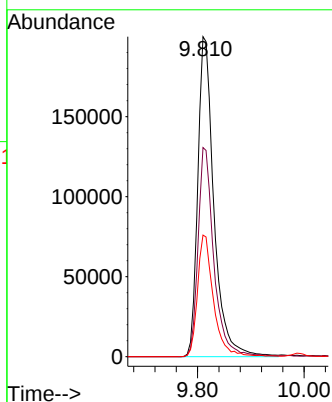
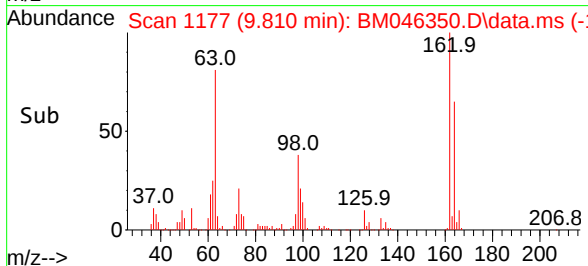
Instrument :  
BNA\_M  
ClientSampleId :  
7-S-1MS



Tgt Ion:162 Resp: 42114  
Ion Ratio Lower Upper  
162 100  
164 65.3 42.7 82.7  
98 38.0 19.1 59.1

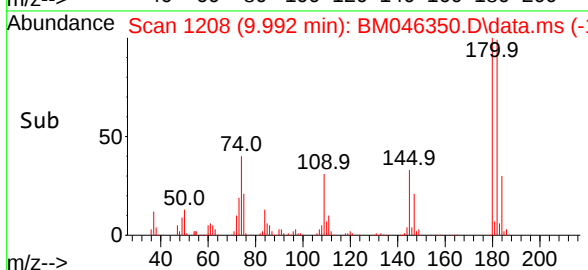
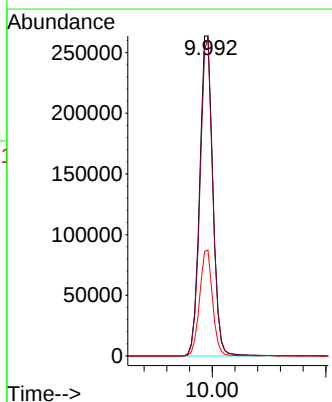
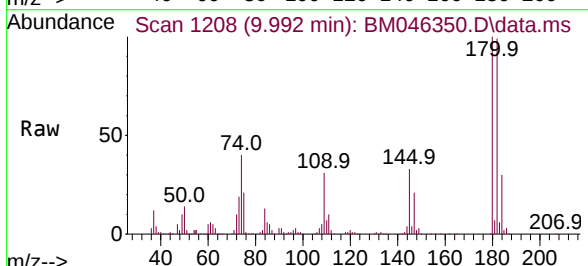
Manual Integrations  
APPROVED

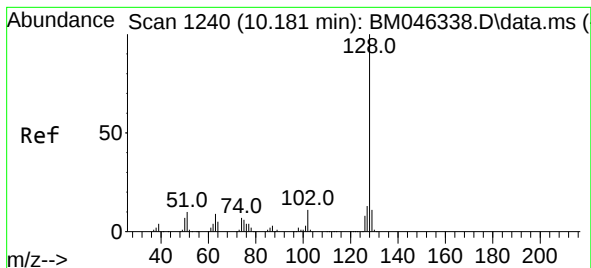
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#30  
1,2,4-Trichlorobenzene  
Concen: 44.922 ng  
RT: 9.992 min Scan# 1208  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

Tgt Ion:180 Resp: 422977  
Ion Ratio Lower Upper  
180 100  
182 99.5 75.6 113.4  
145 33.1 26.0 39.0





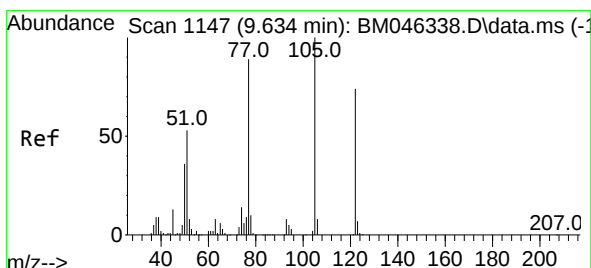
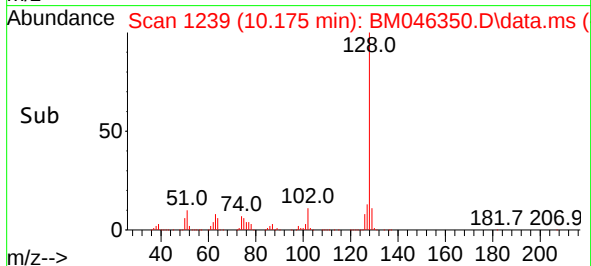
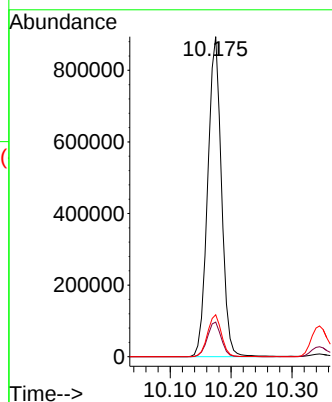
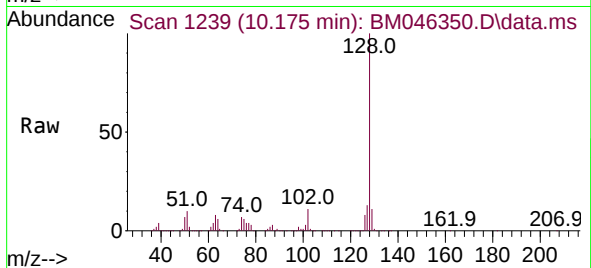
#31  
Naphthalene  
Concen: 44.129 ng  
RT: 10.175 min Scan# 1145  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

Instrument :  
BNA\_M  
ClientSampleId :  
7-S-1MS

Tgt Ion:128 Resp: 1400460  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.4 12.6  
127 13.1 10.3 15.5

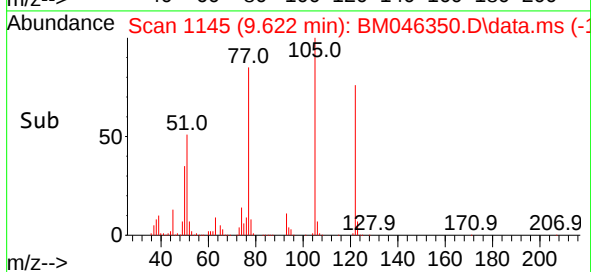
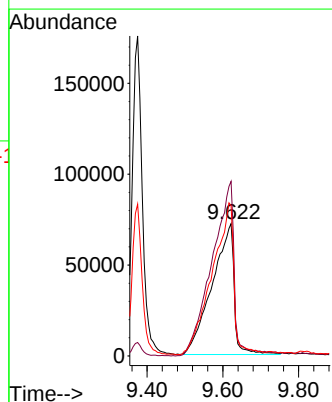
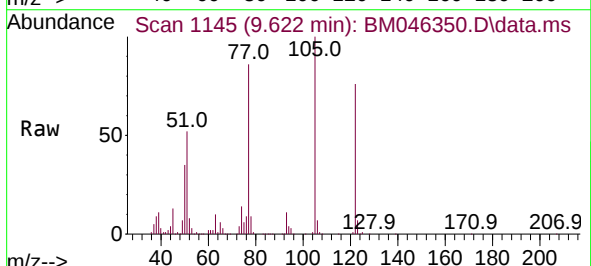
Manual Integrations  
APPROVED

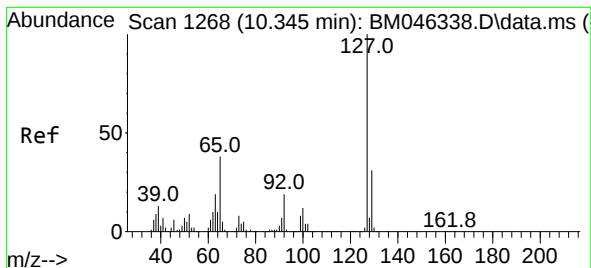
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#32  
Benzoic acid  
Concen: 39.875 ng  
RT: 9.622 min Scan# 1145  
Delta R.T. -0.012 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

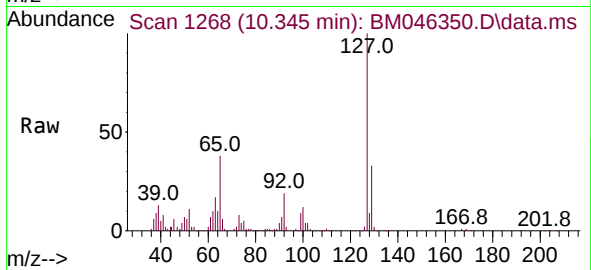
Tgt Ion:122 Resp: 292608  
Ion Ratio Lower Upper  
122 100  
105 131.9 115.0 155.0  
77 113.5 100.1 140.1





#33  
4-Chloroaniline  
Concen: 17.888 ng  
RT: 10.345 min Scan# 1268  
Delta R.T. 0.000 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

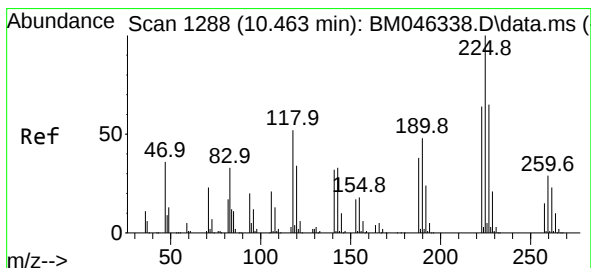
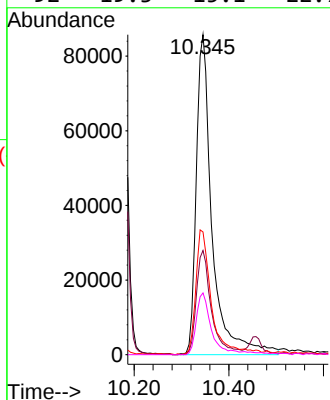
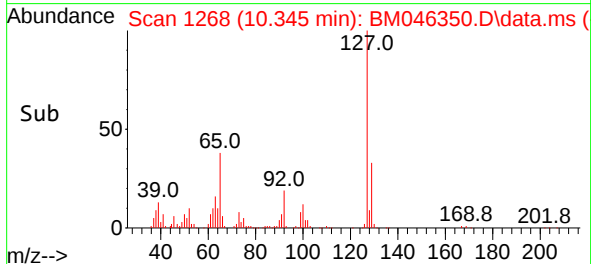
Instrument :  
BNA\_M  
ClientSampleId :  
7-S-1MS



Tgt Ion:127 Resp: 198854  
Ion Ratio Lower Upper  
127 100  
129 32.6 25.0 37.4  
65 38.3 30.2 45.4  
92 19.3 15.1 22.7

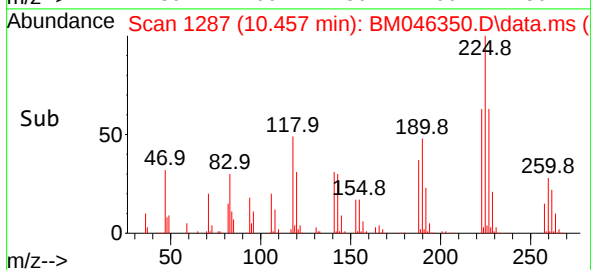
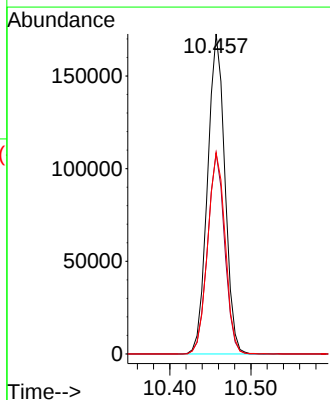
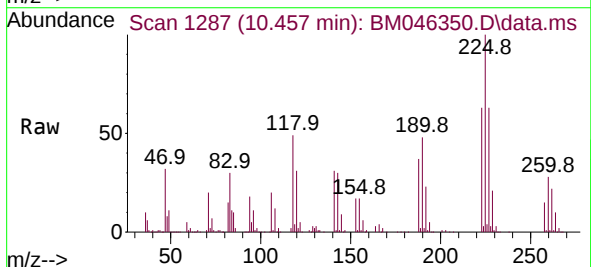
Manual Integrations  
APPROVED

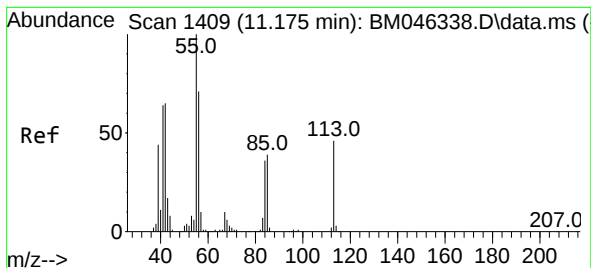
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#34  
Hexachlorobutadiene  
Concen: 43.973 ng  
RT: 10.457 min Scan# 1287  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

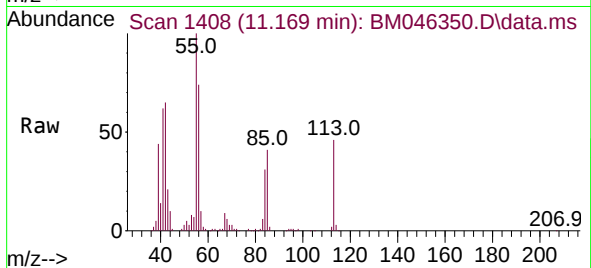
Tgt Ion:225 Resp: 255260  
Ion Ratio Lower Upper  
225 100  
223 62.7 50.8 76.2  
227 62.9 51.6 77.4





#35  
Caprolactam  
Concen: 41.241 ng m  
RT: 11.169 min Scan# 1408  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

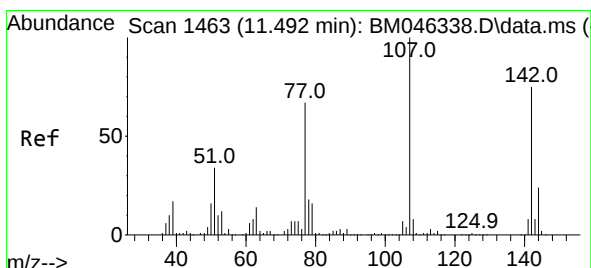
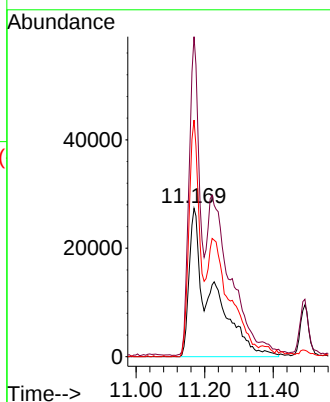
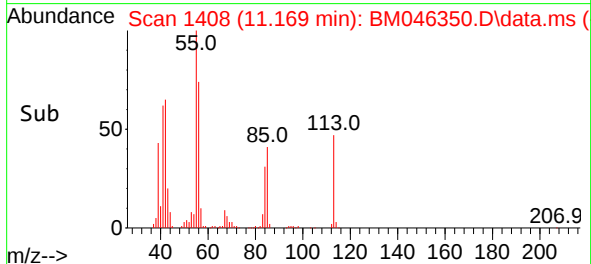
Instrument :  
BNA\_M  
ClientSampleId :  
7-S-1MS



Tgt Ion:113 Resp: 12561  
Ion Ratio Lower Upper  
113 100  
55 215.7 199.3 239.3  
56 159.6 136.8 176.8

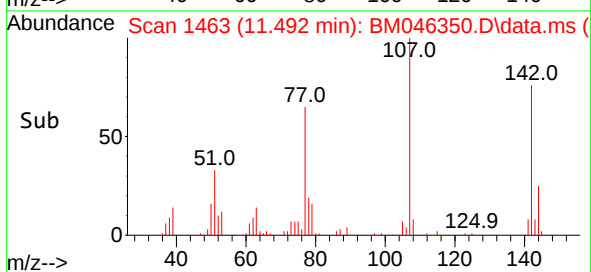
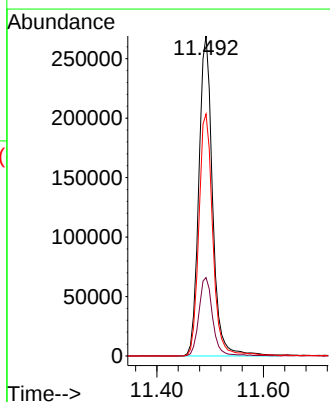
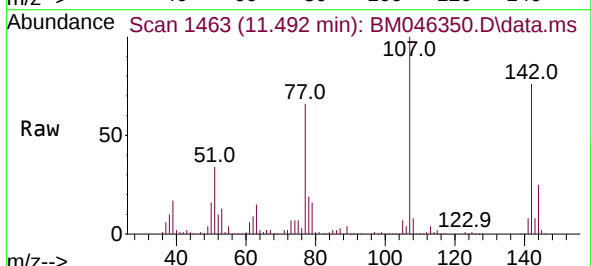
Manual Integrations  
APPROVED

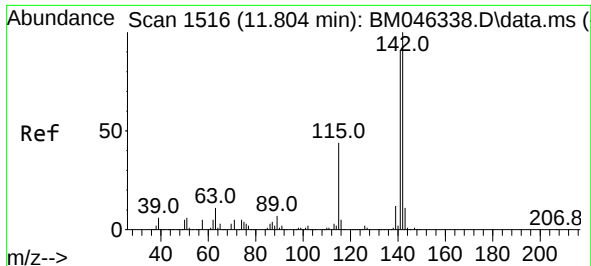
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#36  
4-Chloro-3-methylphenol  
Concen: 46.487 ng  
RT: 11.492 min Scan# 1463  
Delta R.T. 0.000 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

Tgt Ion:107 Resp: 480957  
Ion Ratio Lower Upper  
107 100  
144 24.5 19.0 28.4  
142 75.6 60.1 90.1





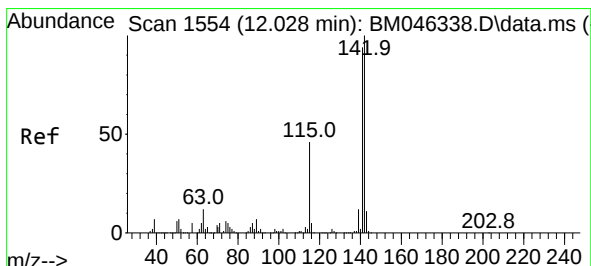
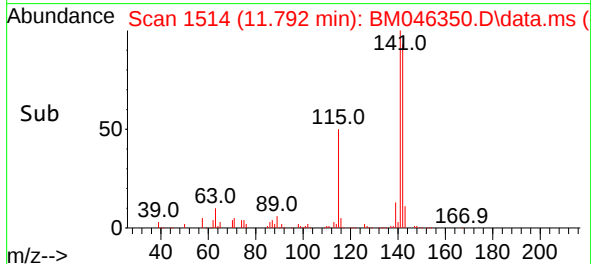
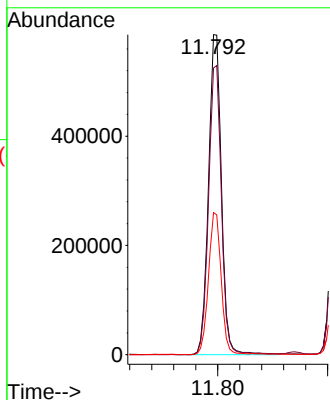
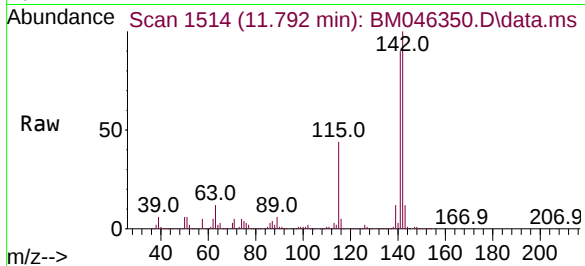
#37  
2-Methylnaphthalene  
Concen: 44.598 ng  
RT: 11.792 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

Instrument :  
BNA\_M  
ClientSampleId :  
7-S-1MS

Tgt Ion:142 Resp: 95454  
Ion Ratio Lower Upper  
142 100  
141 89.6 72.8 109.2  
115 44.4 34.8 52.2

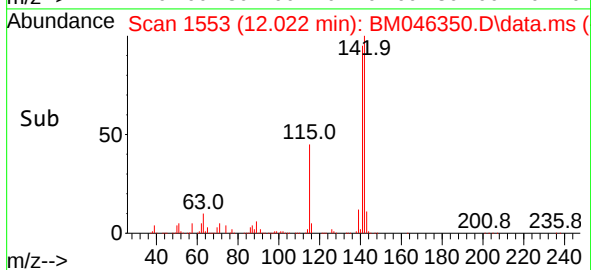
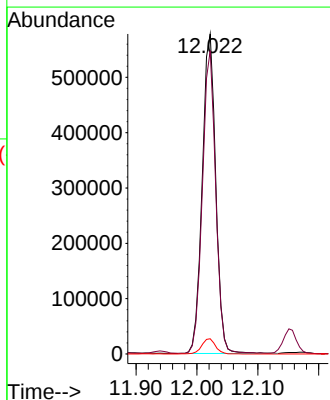
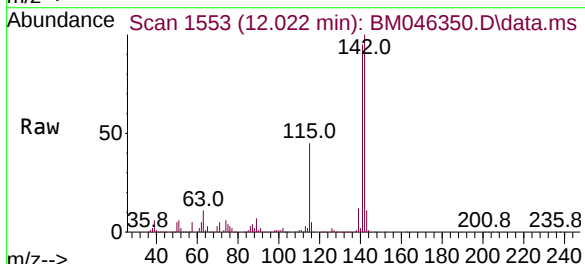
Manual Integrations  
APPROVED

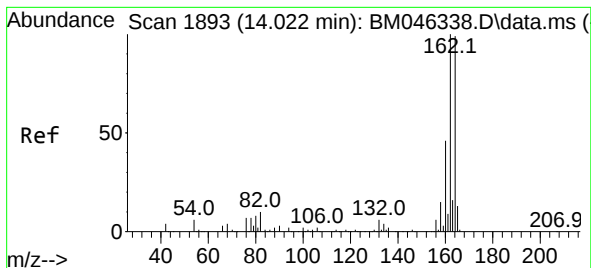
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#38  
1-Methylnaphthalene  
Concen: 41.983 ng  
RT: 12.022 min Scan# 1553  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

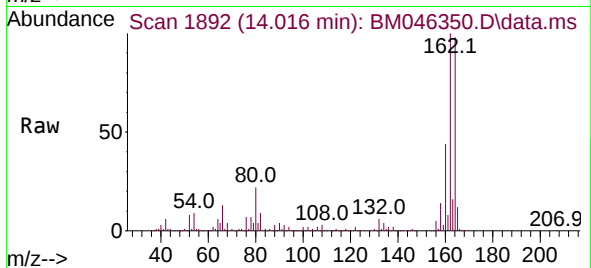
Tgt Ion:142 Resp: 888460  
Ion Ratio Lower Upper  
142 100  
141 94.8 75.3 112.9  
116 4.8 3.8 5.6





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.016 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

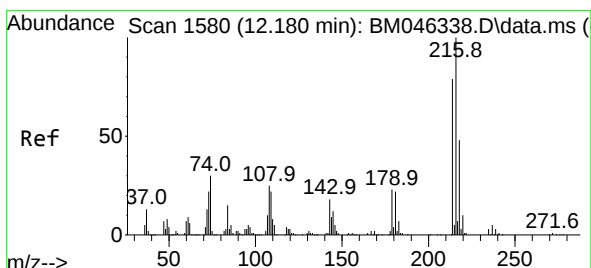
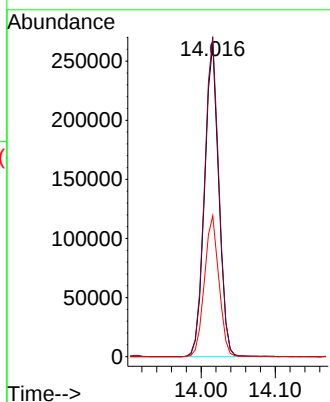
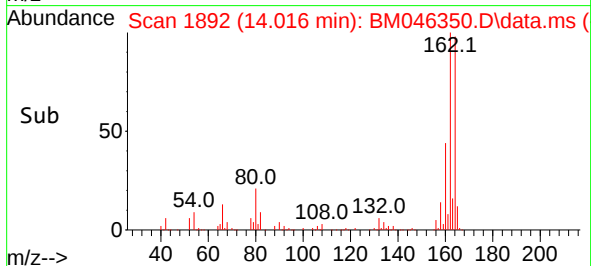
Instrument :  
BNA\_M  
ClientSampleId :  
7-S-1MS



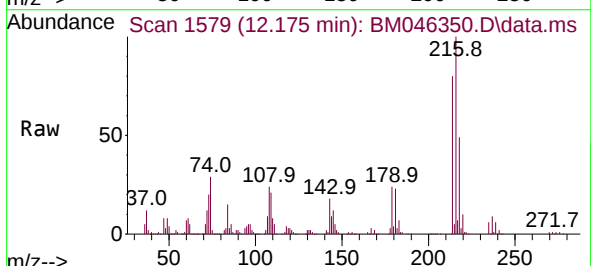
Tgt Ion:164 Resp: 35230  
Ion Ratio Lower Upper  
164 100  
162 102.3 80.5 120.7  
160 45.1 37.0 55.6

Manual Integrations  
APPROVED

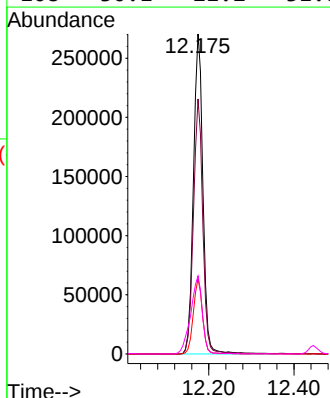
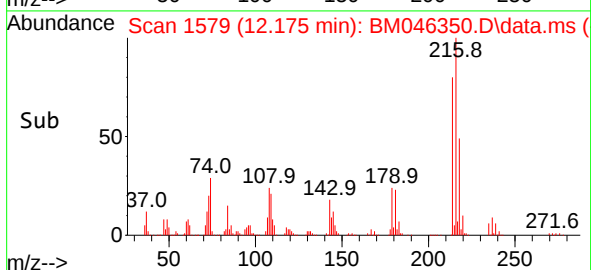
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024

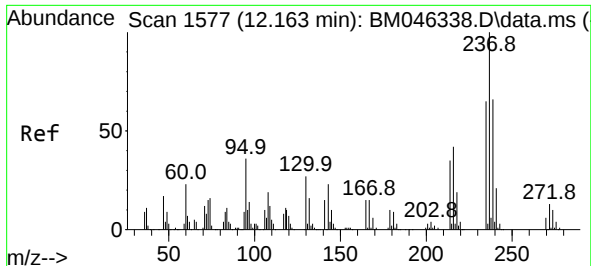


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 44.515 ng  
RT: 12.175 min Scan# 1579  
Delta R.T. -0.005 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25



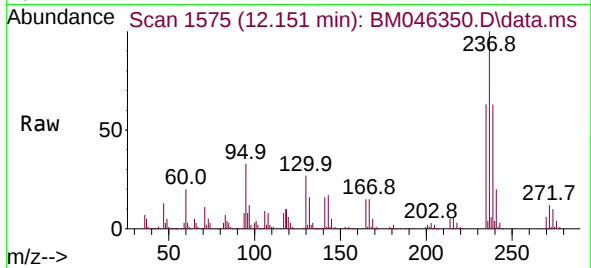
Tgt Ion:216 Resp: 418386  
Ion Ratio Lower Upper  
216 100  
214 78.5 63.4 95.2  
179 22.6 17.9 26.9  
108 30.1 21.2 31.8





#41  
Hexachlorocyclopentadiene  
Concen: 116.506 ng  
RT: 12.151 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

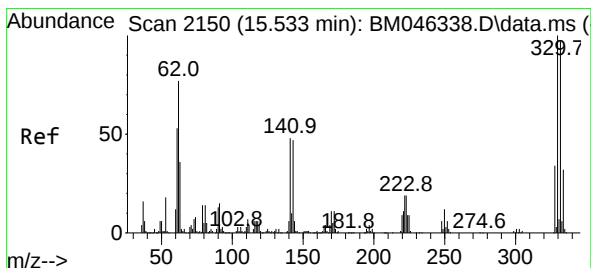
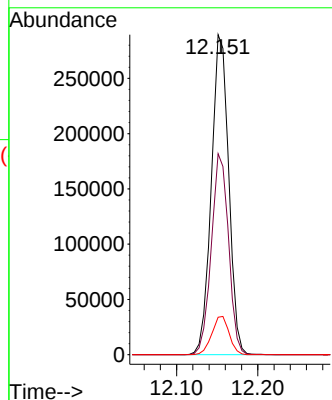
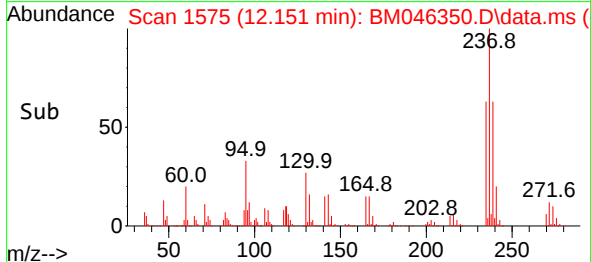
Instrument :  
BNA\_M  
ClientSampleId :  
7-S-1MS



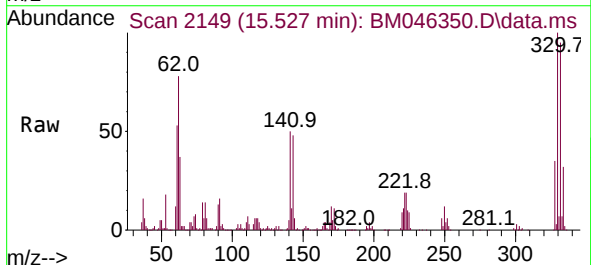
Tgt Ion:237 Resp: 42910  
Ion Ratio Lower Upper  
237 100  
235 62.8 44.5 84.5  
272 11.7 0.0 33.4

Manual Integrations  
APPROVED

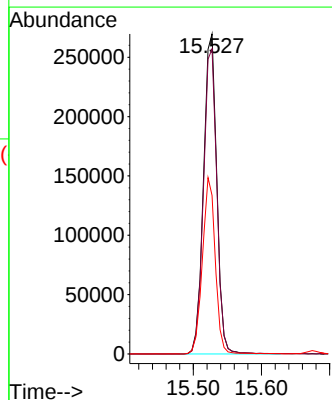
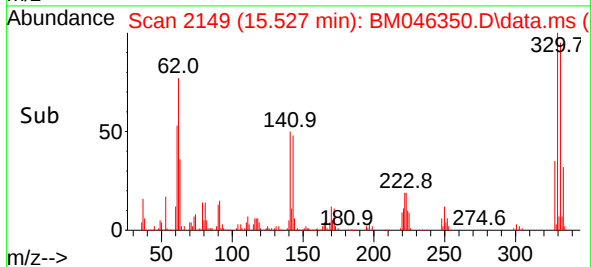
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024

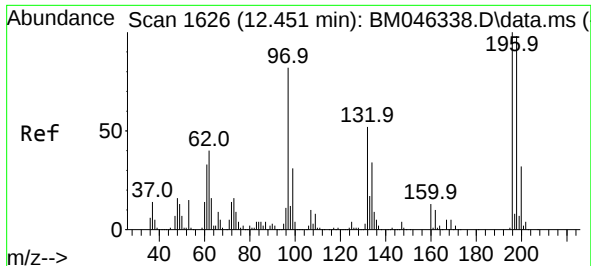


#42  
2,4,6-Tribromophenol  
Concen: 85.003 ng  
RT: 15.527 min Scan# 2149  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25



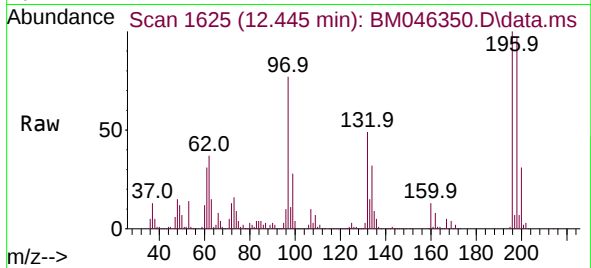
Tgt Ion:330 Resp: 364195  
Ion Ratio Lower Upper  
330 100  
332 96.2 77.8 116.6  
141 53.4 43.2 64.8





#43  
2,4,6-Trichlorophenol  
Concen: 50.938 ng  
RT: 12.445 min Scan# 1625  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

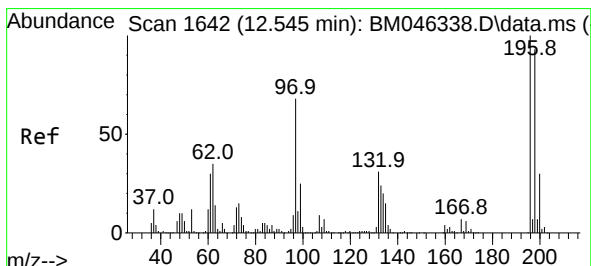
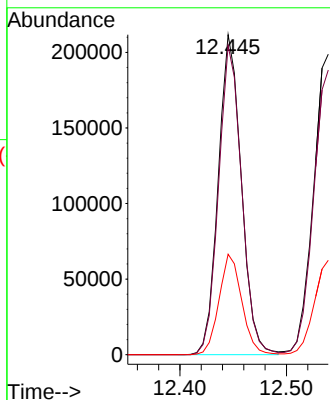
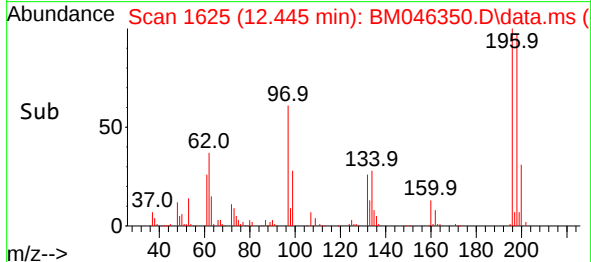
Instrument :  
BNA\_M  
ClientSampleId :  
7-S-1MS



Tgt Ion:196 Resp: 31798  
Ion Ratio Lower Upper  
196 100  
198 96.6 78.7 118.1  
200 31.4 25.5 38.3

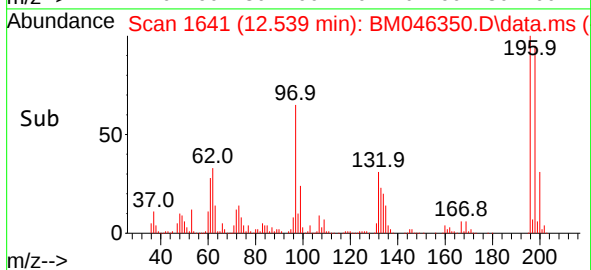
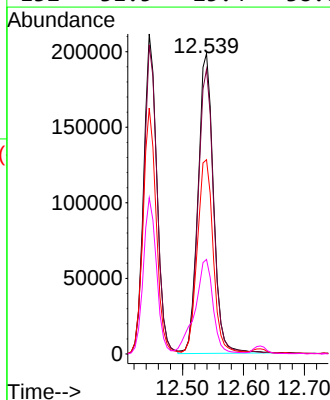
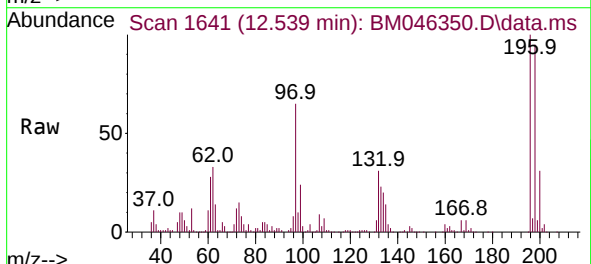
Manual Integrations  
APPROVED

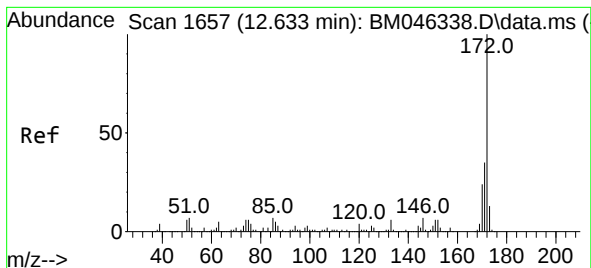
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#44  
2,4,5-Trichlorophenol  
Concen: 48.780 ng  
RT: 12.539 min Scan# 1641  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

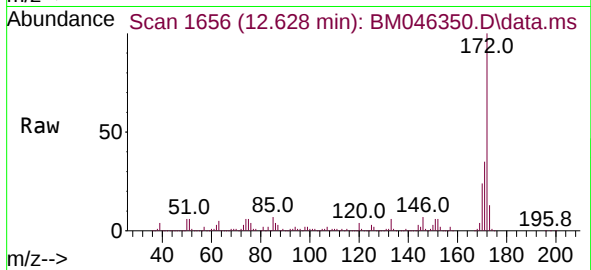
Tgt Ion:196 Resp: 350886  
Ion Ratio Lower Upper  
196 100  
198 94.7 74.7 112.1  
97 64.7 54.6 82.0  
132 31.5 25.4 38.0





#45  
2-Fluorobiphenyl  
Concen: 45.777 ng  
RT: 12.628 min Scan# 1656  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

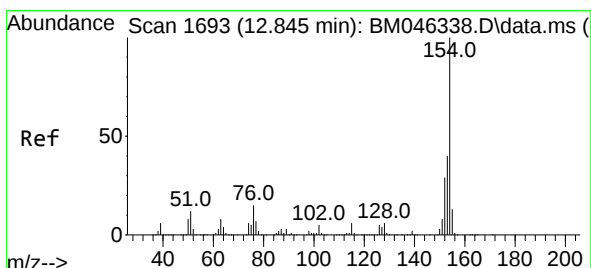
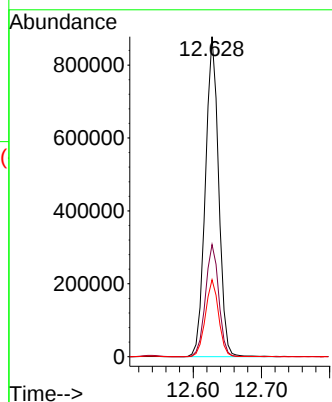
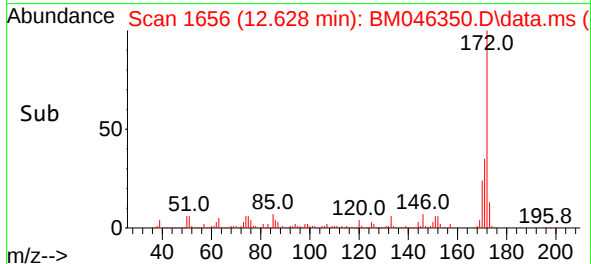
Instrument :  
BNA\_M  
ClientSampleId :  
7-S-1MS



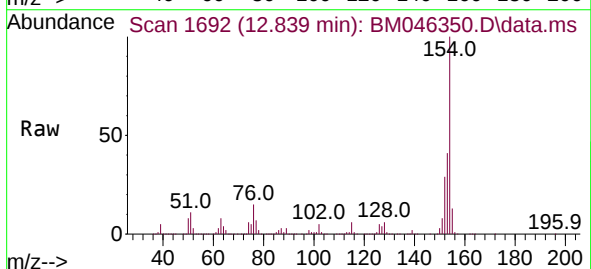
Tgt Ion:172 Resp: 118989  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.1 42.1  
170 24.0 19.4 29.0

Manual Integrations  
APPROVED

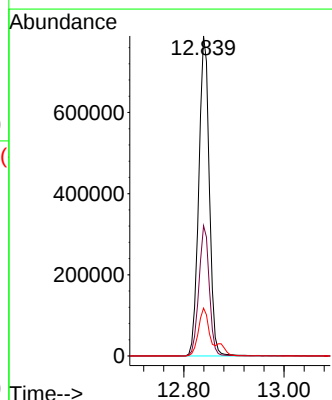
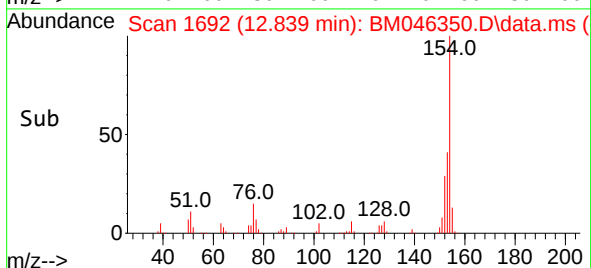
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024

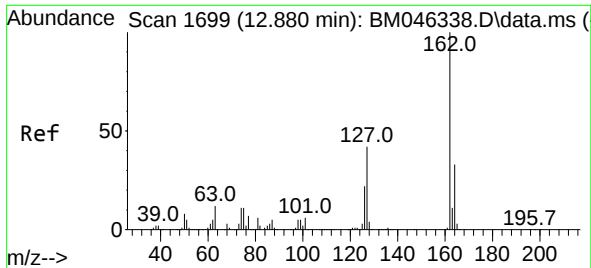


#46  
1,1'-Biphenyl  
Concen: 43.447 ng  
RT: 12.839 min Scan# 1692  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25



Tgt Ion:154 Resp: 1145926  
Ion Ratio Lower Upper  
154 100  
153 40.7 19.8 59.8  
76 15.0 0.0 34.8





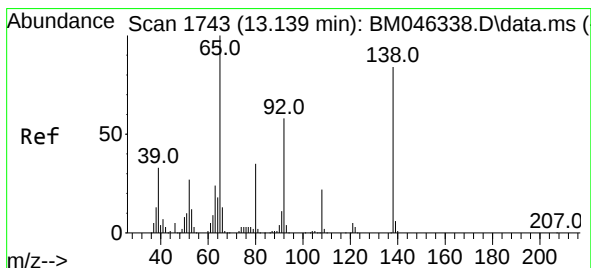
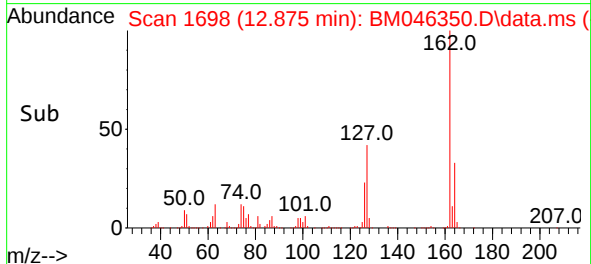
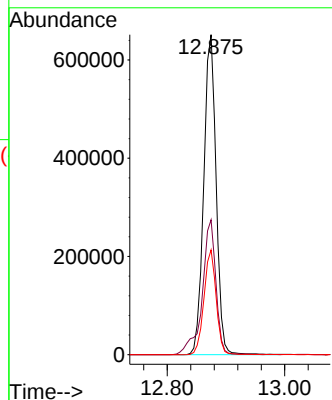
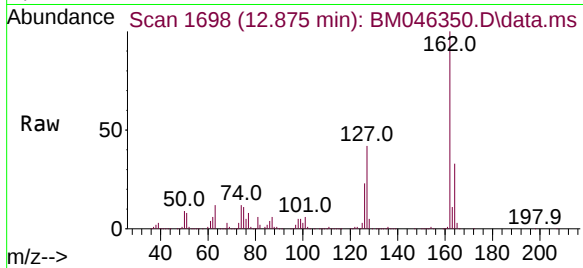
#47  
2-Chloronaphthalene  
Concen: 46.520 ng  
RT: 12.875 min Scan# 1699  
Delta R.T. -0.005 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

Instrument :  
BNA\_M  
ClientSampleId :  
7-S-1MS

Tgt Ion:162 Resp: 95242  
Ion Ratio Lower Upper  
162 100  
127 42.2 34.1 51.1  
164 32.8 26.1 39.1

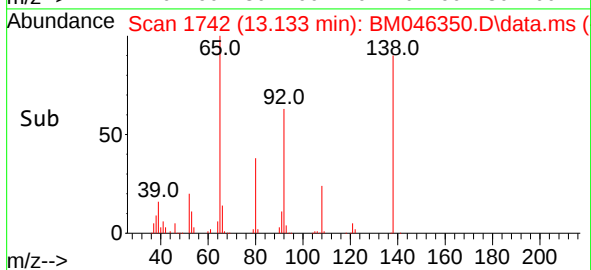
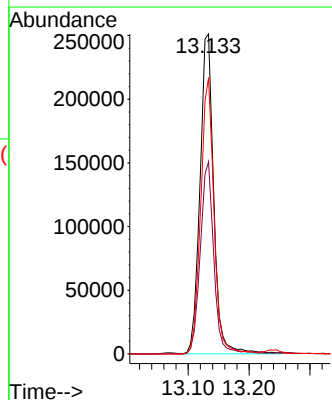
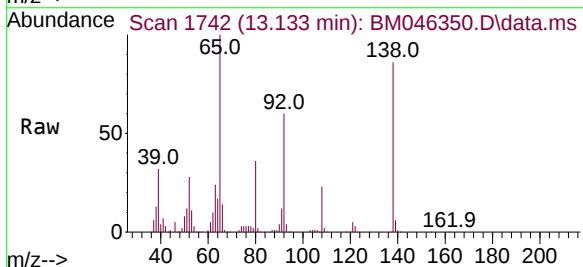
Manual Integrations  
APPROVED

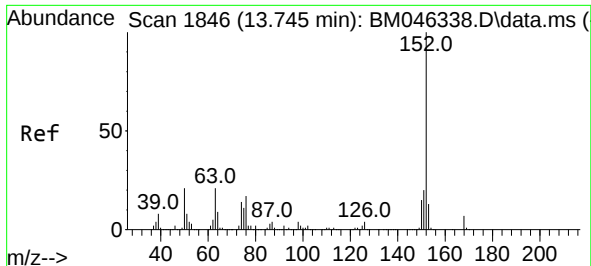
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#48  
2-Nitroaniline  
Concen: 48.298 ng  
RT: 13.133 min Scan# 1742  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

Tgt Ion: 65 Resp: 392568  
Ion Ratio Lower Upper  
65 100  
92 60.1 46.7 70.1  
138 86.4 67.3 100.9





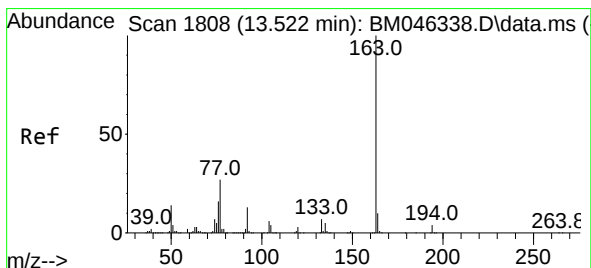
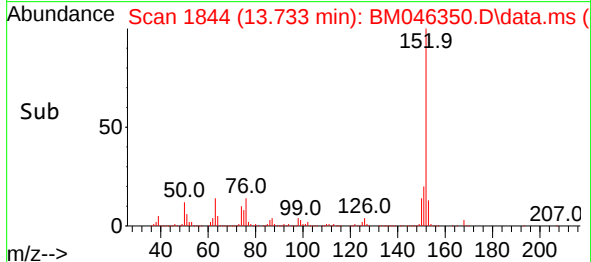
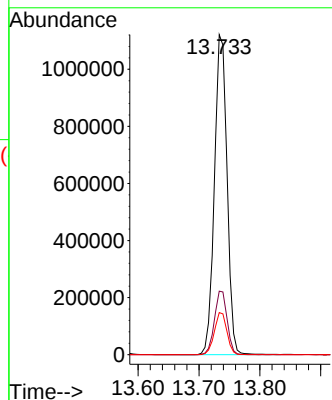
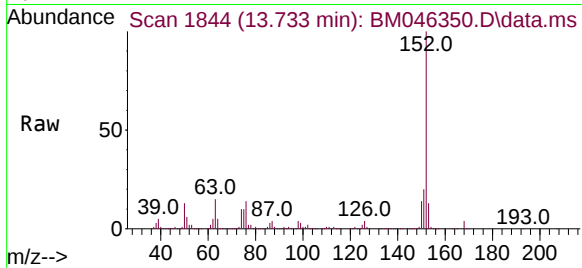
#49  
Acenaphthylene  
Concen: 51.180 ng  
RT: 13.733 min Scan# 1844  
Delta R.T. -0.012 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

Instrument :  
BNA\_M  
ClientSampleId :  
7-S-1MS

Tgt Ion:152 Resp: 1615439  
Ion Ratio Lower Upper  
152 100  
151 19.9 15.7 23.5  
153 13.1 10.4 15.6

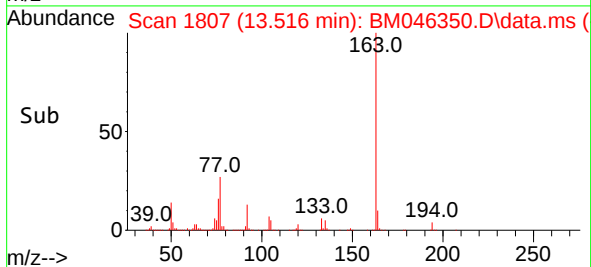
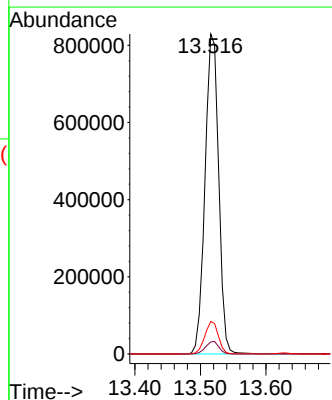
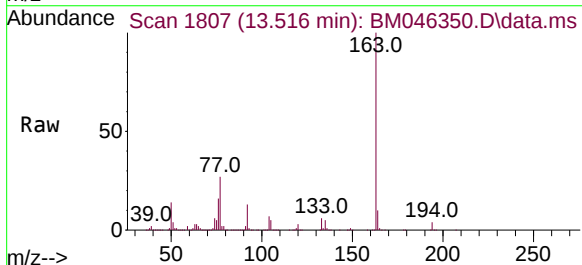
Manual Integrations  
APPROVED

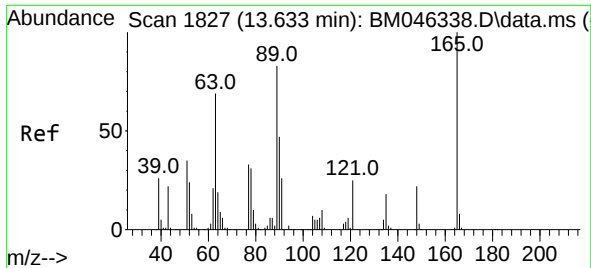
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#50  
Dimethylphthalate  
Concen: 46.689 ng  
RT: 13.516 min Scan# 1807  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

Tgt Ion:163 Resp: 1202447  
Ion Ratio Lower Upper  
163 100  
194 3.7 3.0 4.4  
164 10.1 7.8 11.8





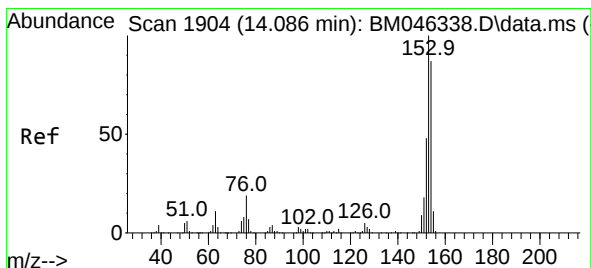
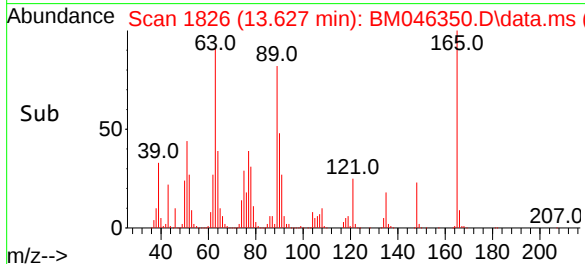
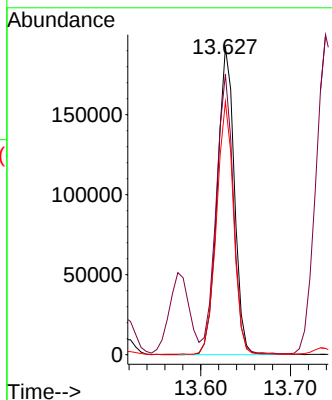
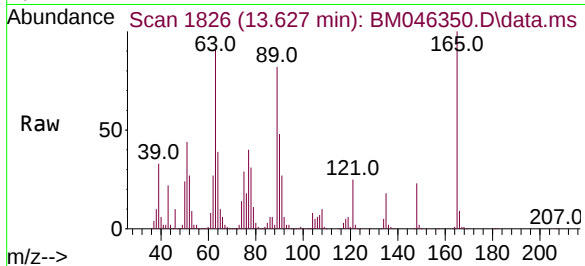
#51  
2,6-Dinitrotoluene  
Concen: 44.305 ng  
RT: 13.627 min Scan# 1826  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

Instrument :  
BNA\_M  
ClientSampleId :  
7-S-1MS

Tgt Ion:165 Resp: 254098  
Ion Ratio Lower Upper  
165 100  
63 91.3 74.4 111.6  
89 82.3 66.2 99.2

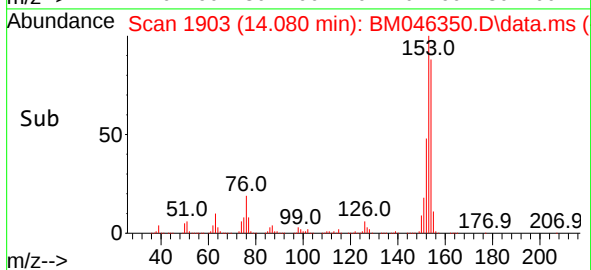
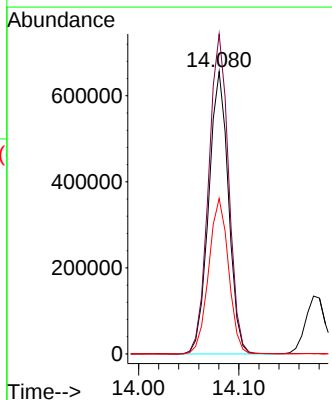
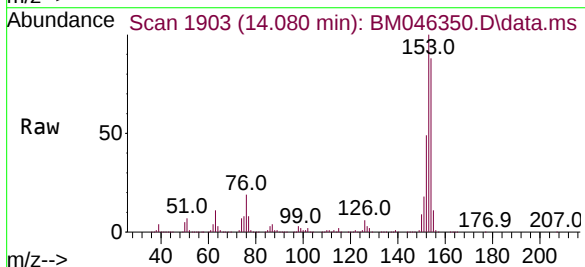
Manual Integrations  
APPROVED

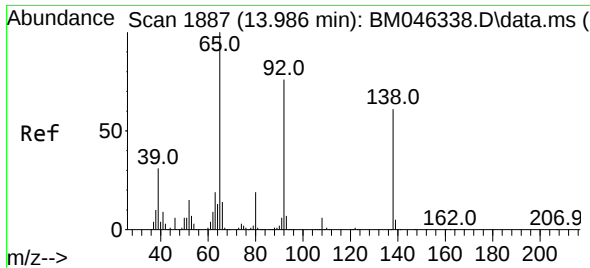
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#52  
Acenaphthene  
Concen: 45.717 ng  
RT: 14.080 min Scan# 1903  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

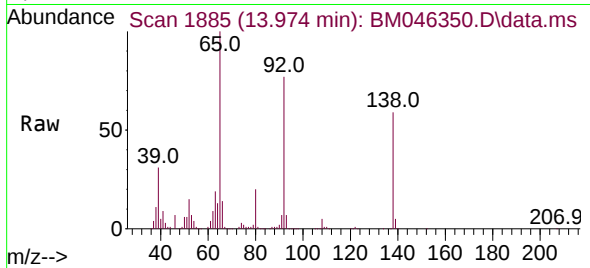
Tgt Ion:154 Resp: 896926  
Ion Ratio Lower Upper  
154 100  
153 113.3 92.0 138.0  
152 55.0 44.4 66.6





#53  
3-Nitroaniline  
Concen: 32.301 ng  
RT: 13.974 min Scan# 1885  
Delta R.T. -0.012 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

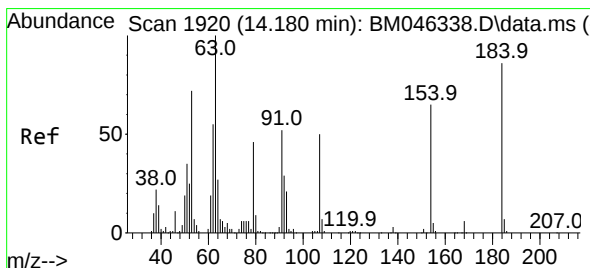
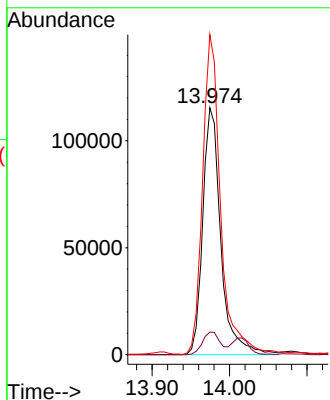
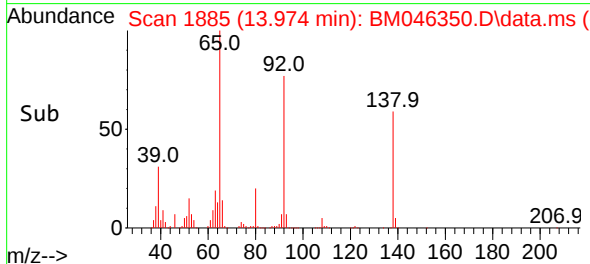
Instrument :  
BNA\_M  
ClientSampleId :  
7-S-1MS



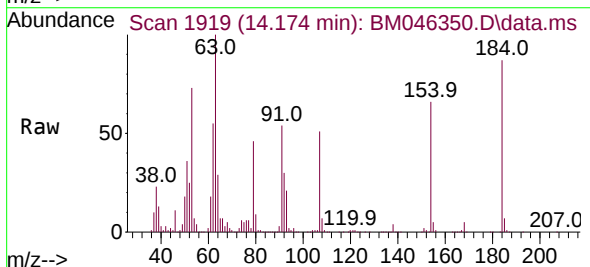
Tgt Ion:138 Resp: 187172  
Ion Ratio Lower Upper  
138 100  
108 9.1 7.4 11.0  
92 129.6 99.3 148.9

Manual Integrations  
APPROVED

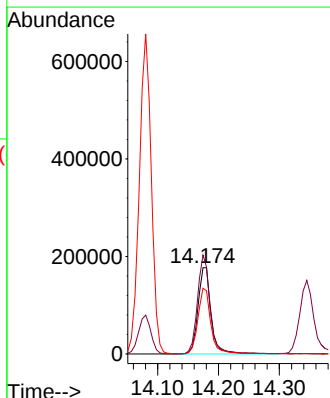
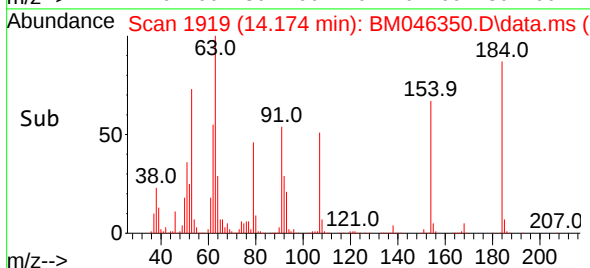
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024

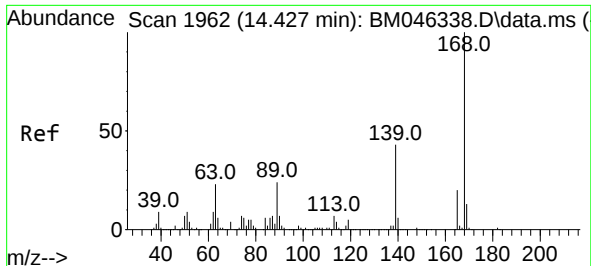


#54  
2,4-Dinitrophenol  
Concen: 77.987 ng  
RT: 14.174 min Scan# 1919  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25



Tgt Ion:184 Resp: 263830  
Ion Ratio Lower Upper  
184 100  
63 114.5 93.5 140.3  
154 76.1 61.2 91.8





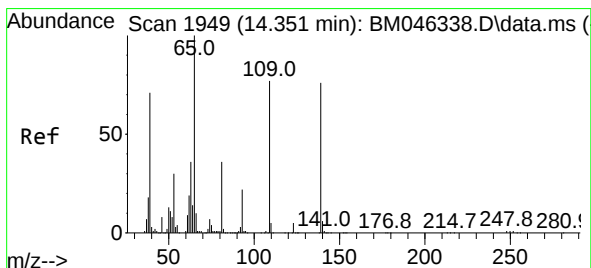
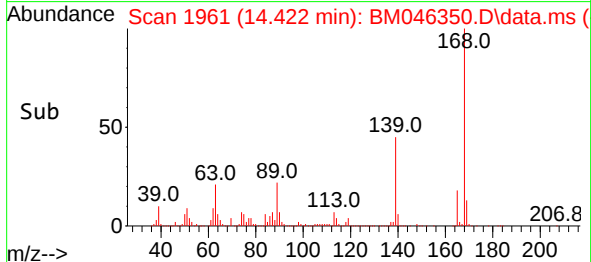
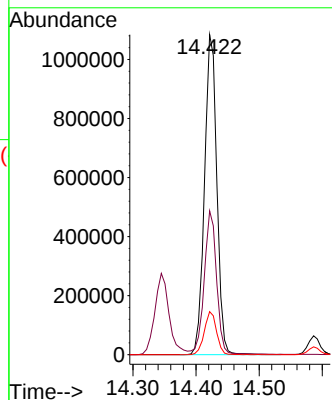
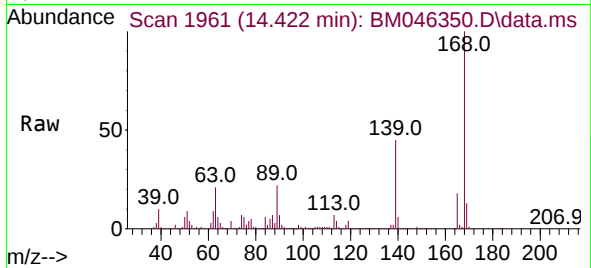
#55  
Dibenzenofuran  
Concen: 46.913 ng  
RT: 14.422 min Scan# 1962  
Delta R.T. -0.005 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

Instrument :  
BNA\_M  
ClientSampleId :  
7-S-1MS

Tgt Ion:168 Resp: 147479  
Ion Ratio Lower Upper  
168 100  
139 44.9 35.4 53.2  
169 13.5 10.7 16.1

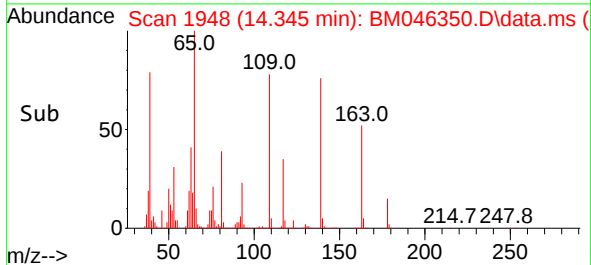
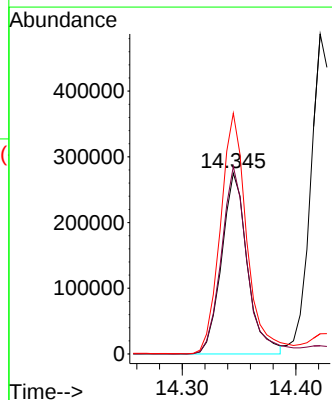
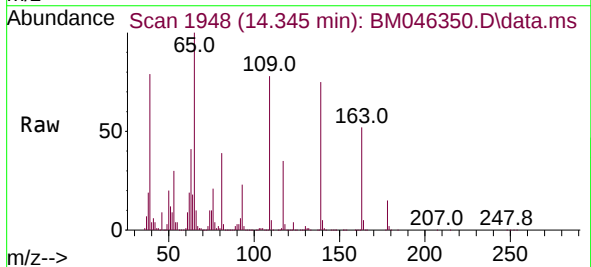
Manual Integrations  
APPROVED

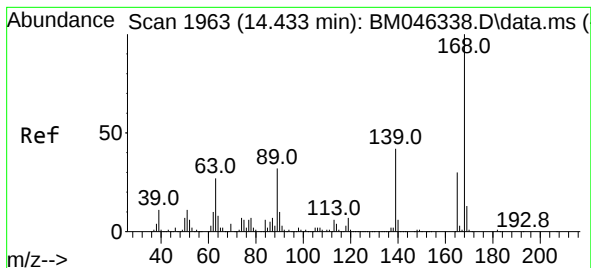
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#56  
4-Nitrophenol  
Concen: 89.869 ng  
RT: 14.345 min Scan# 1948  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

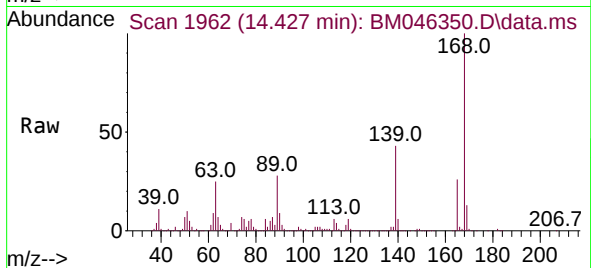
Tgt Ion:139 Resp: 433713  
Ion Ratio Lower Upper  
139 100  
109 103.8 82.0 122.0  
65 133.2 112.0 152.0





#57  
2,4-Dinitrotoluene  
Concen: 45.483 ng  
RT: 14.427 min Scan# 1963  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

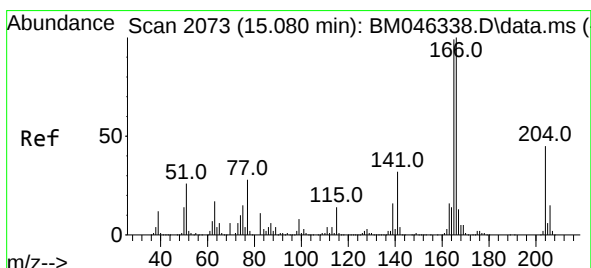
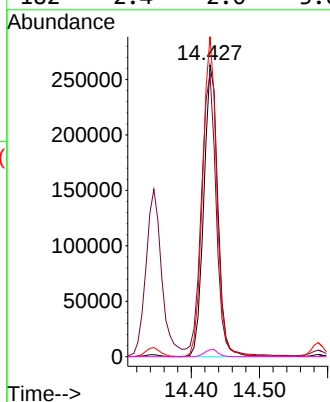
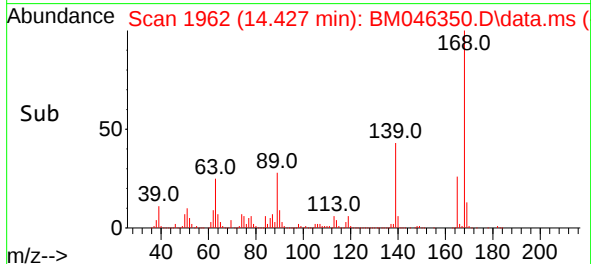
Instrument :  
BNA\_M  
ClientSampleId :  
7-S-1MS



Tgt Ion:165 Resp: 37750  
Ion Ratio Lower Upper  
165 100  
63 96.8 74.2 111.2  
89 109.7 86.1 129.1  
182 2.4 2.0 3.0

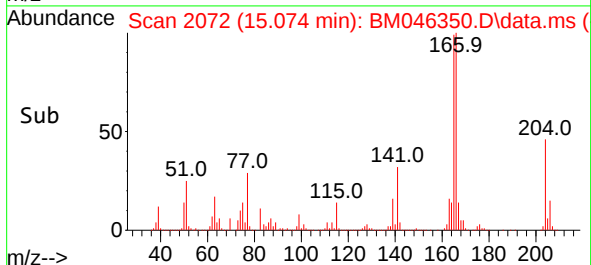
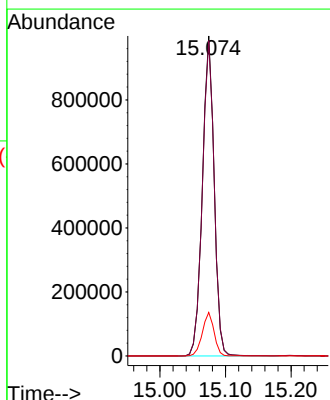
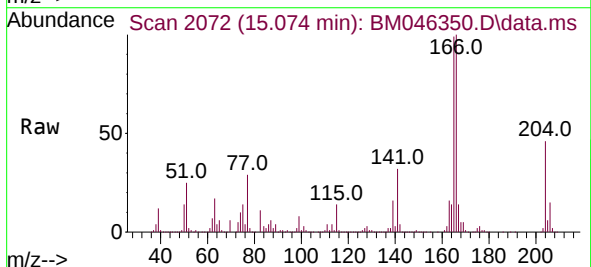
Manual Integrations  
APPROVED

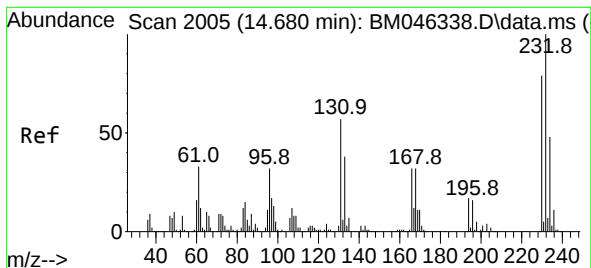
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#58  
Fluorene  
Concen: 46.283 ng  
RT: 15.074 min Scan# 2072  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

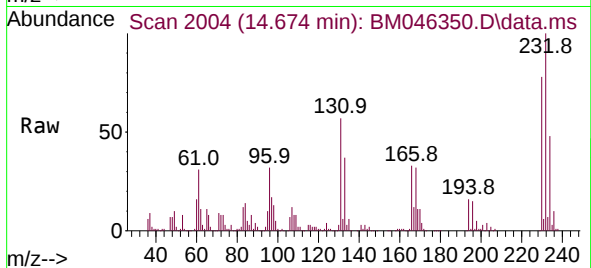
Tgt Ion:166 Resp: 1244558  
Ion Ratio Lower Upper  
166 100  
165 98.5 79.4 119.0  
167 13.6 10.7 16.1





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 49.089 ng  
RT: 14.674 min Scan# 2004  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

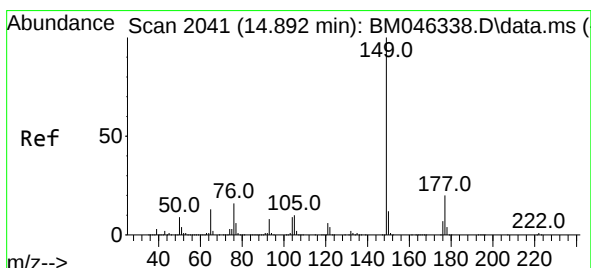
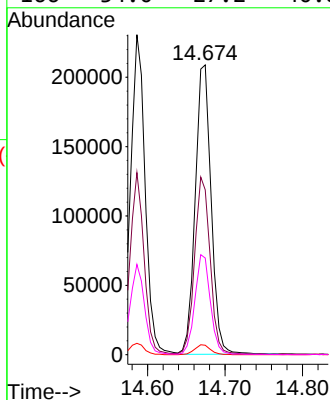
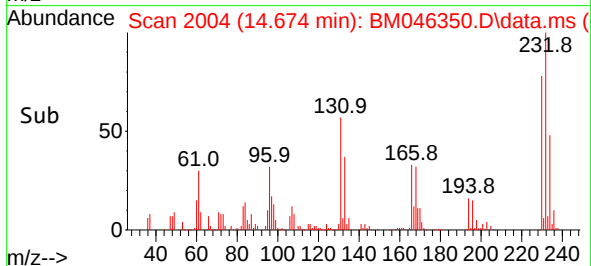
Instrument :  
BNA\_M  
ClientSampleId :  
7-S-1MS



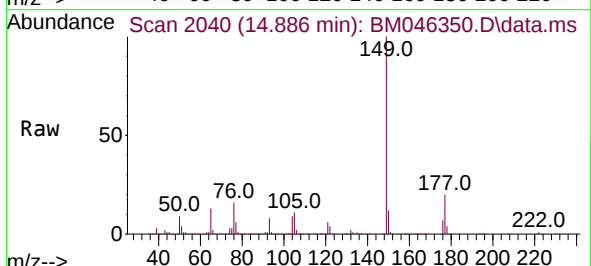
Tgt Ion:232 Resp: 29761  
Ion Ratio Lower Upper  
232 100  
131 59.5 48.3 72.5  
130 3.4 2.7 4.1  
166 34.0 27.2 40.8

Manual Integrations  
APPROVED

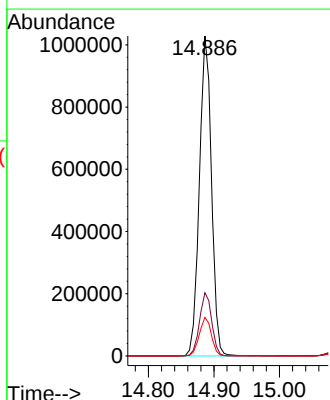
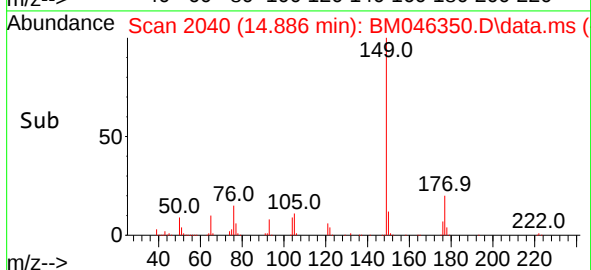
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024

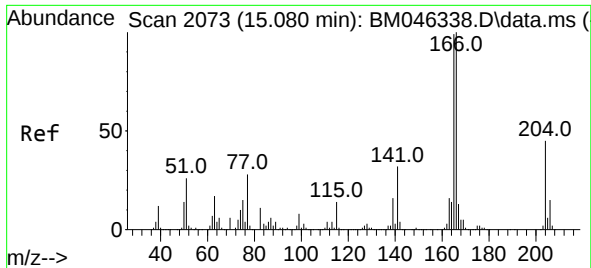


#60  
Diethylphthalate  
Concen: 46.754 ng  
RT: 14.886 min Scan# 2040  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25



Tgt Ion:149 Resp: 1324588  
Ion Ratio Lower Upper  
149 100  
177 19.7 15.8 23.8  
150 12.1 9.9 14.9





#61  
4-Chlorophenyl-phenylether  
Concen: 46.771 ng  
RT: 15.074 min Scan# 2073  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

Instrument :

BNA\_M

ClientSampleId :

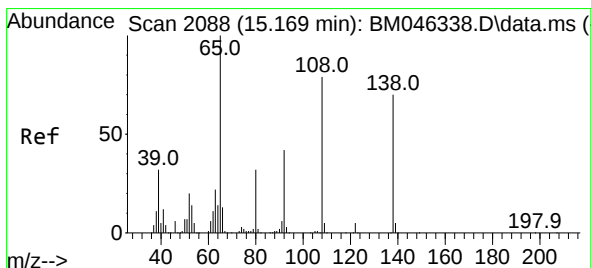
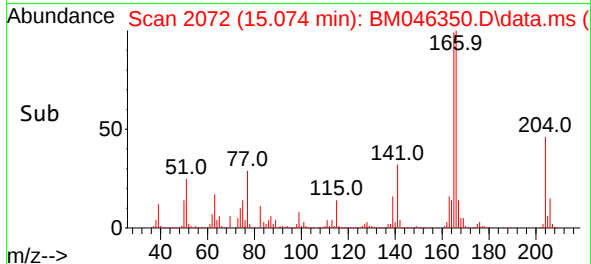
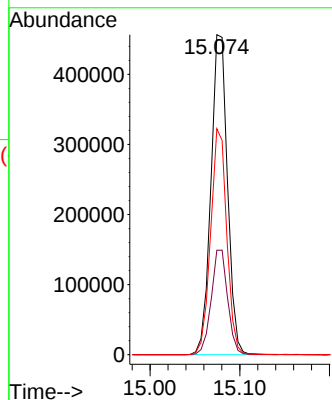
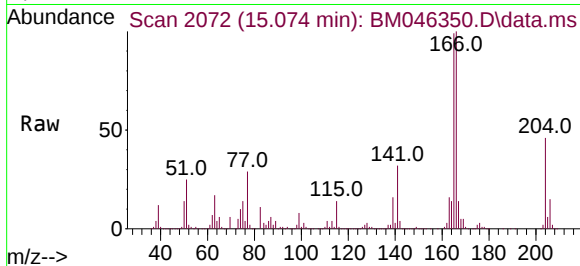
7-S-1MS

Tgt Ion:204 Resp: 585429  
Ion Ratio Lower Upper  
204 100  
206 32.6 25.8 38.8  
141 70.6 57.4 86.2

Manual Integrations

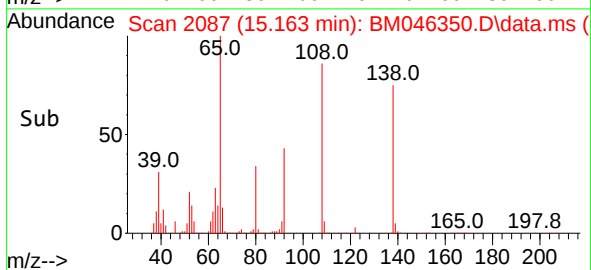
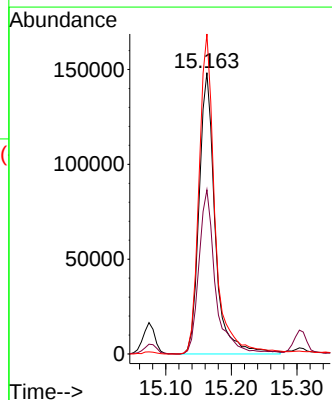
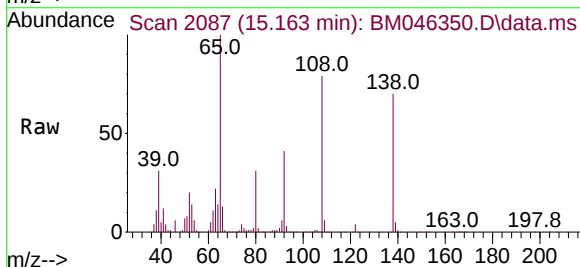
APPROVED

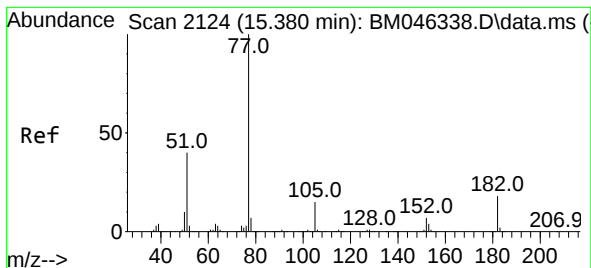
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#62  
4-Nitroaniline  
Concen: 44.422 ng  
RT: 15.163 min Scan# 2087  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

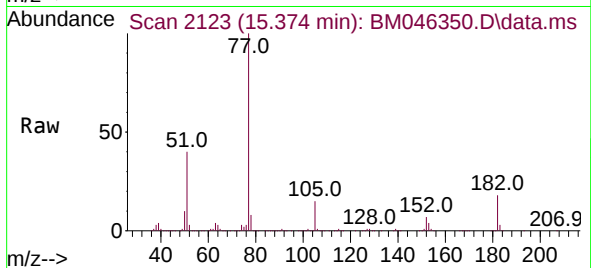
Tgt Ion:138 Resp: 252609  
Ion Ratio Lower Upper  
138 100  
92 58.4 39.5 79.5  
108 113.8 91.6 131.6





#63  
Azobenzene  
Concen: 47.099 ng  
RT: 15.374 min Scan# 2124  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

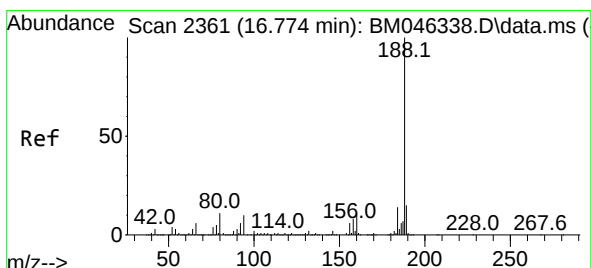
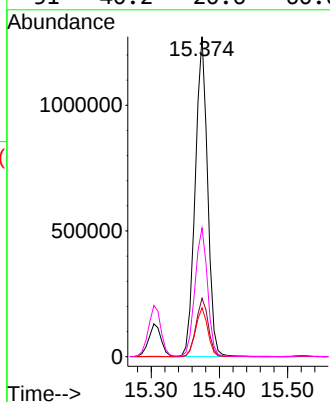
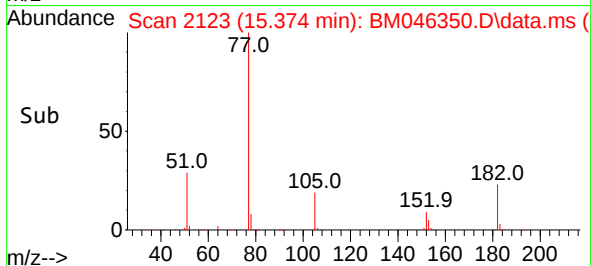
Instrument :  
BNA\_M  
ClientSampleId :  
7-S-1MS



Tgt Ion: 77 Resp: 159012  
Ion Ratio Lower Upper  
77 100  
182 18.3 0.0 37.9  
105 15.3 0.0 35.1  
51 40.2 20.6 60.6

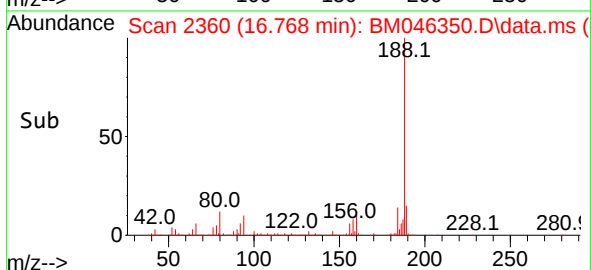
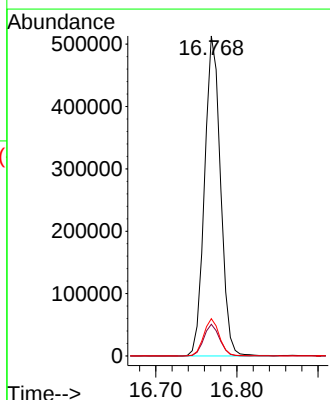
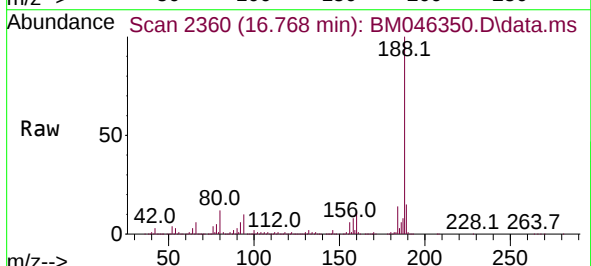
Manual Integrations  
APPROVED

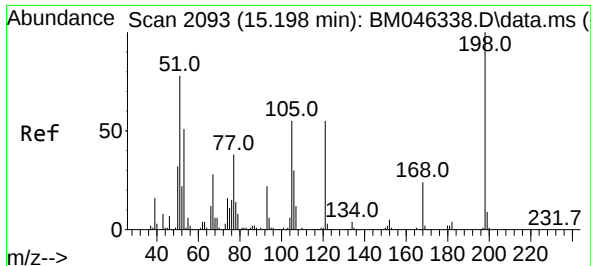
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.768 min Scan# 2360  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

Tgt Ion:188 Resp: 699168  
Ion Ratio Lower Upper  
188 100  
94 9.9 7.9 11.9  
80 11.7 9.0 13.6





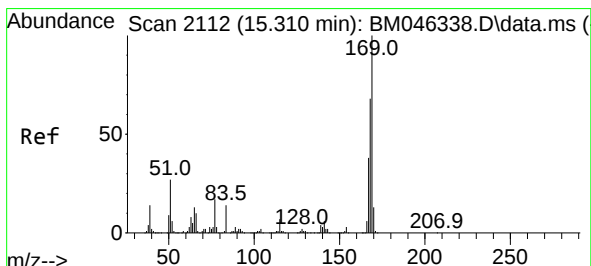
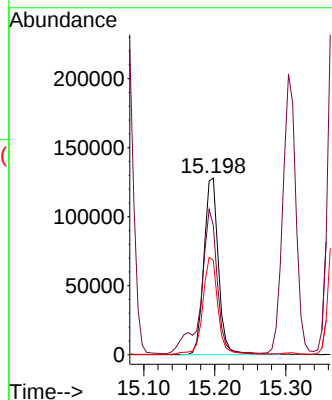
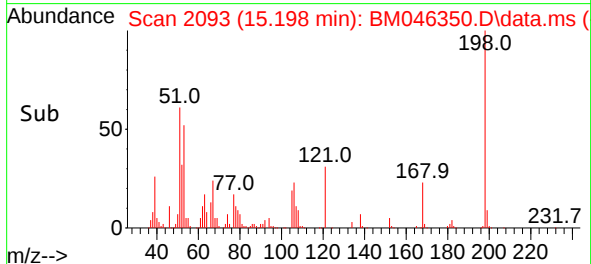
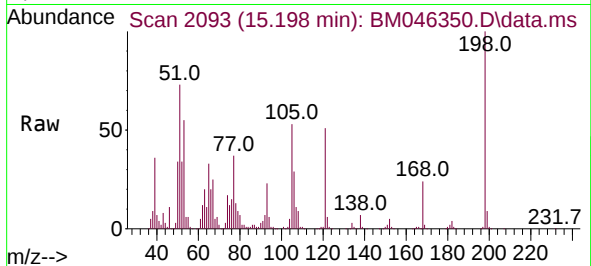
#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.424 ng  
RT: 15.198 min Scan# 2093  
Delta R.T. -0.000 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

Instrument :  
BNA\_M  
ClientSampleId :  
7-S-1MS

Tgt Ion:198 Resp: 181749  
Ion Ratio Lower Upper  
198 100  
51 73.2 65.1 105.1  
105 53.2 36.0 76.0

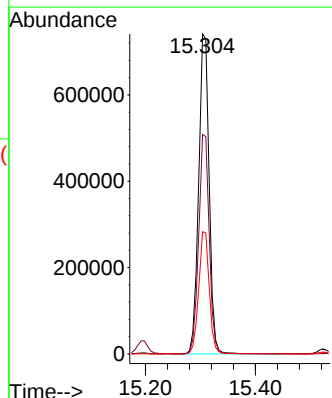
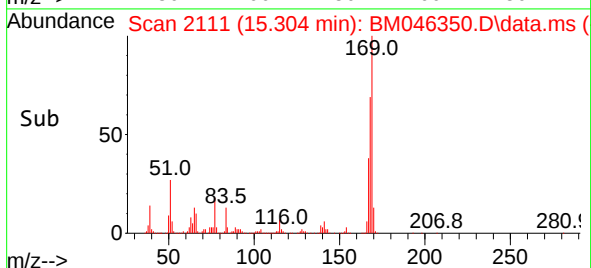
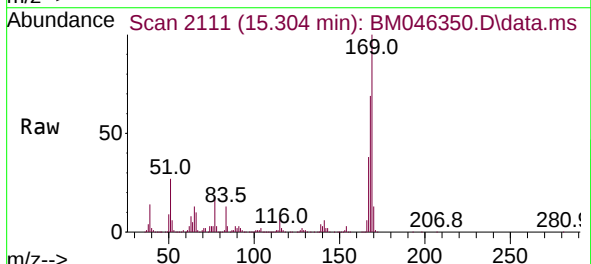
Manual Integrations  
APPROVED

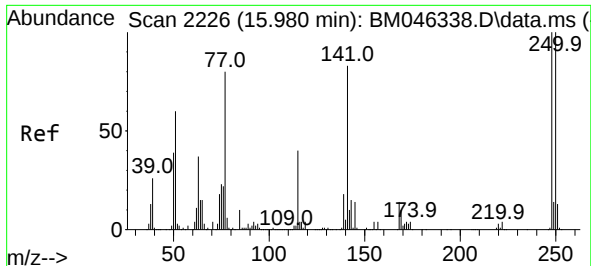
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#66  
n-Nitrosodiphenylamine  
Concen: 48.528 ng  
RT: 15.304 min Scan# 2111  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

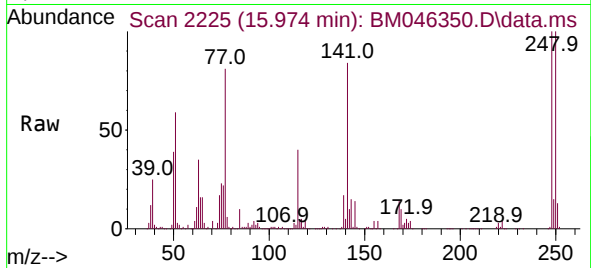
Tgt Ion:169 Resp: 985515  
Ion Ratio Lower Upper  
169 100  
168 68.6 54.2 81.4  
167 38.2 30.2 45.2





#67  
4-Bromophenyl-phenylether  
Concen: 47.135 ng  
RT: 15.974 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

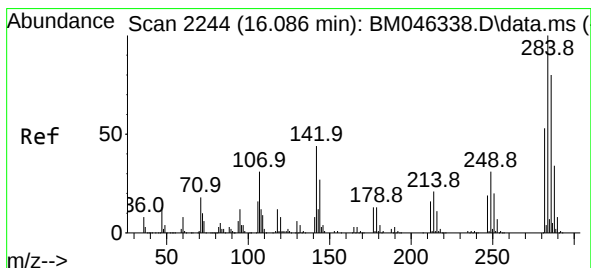
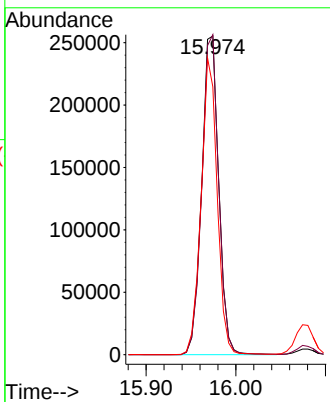
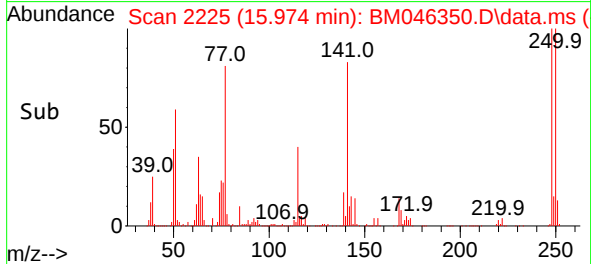
Instrument :  
BNA\_M  
ClientSampleId :  
7-S-1MS



Tgt Ion:248 Resp: 33649  
Ion Ratio Lower Upper  
248 100  
250 100.4 79.8 119.6  
141 84.1 66.2 99.2

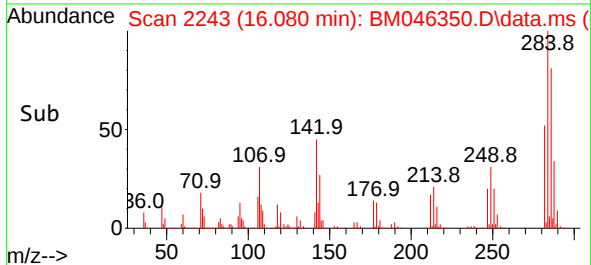
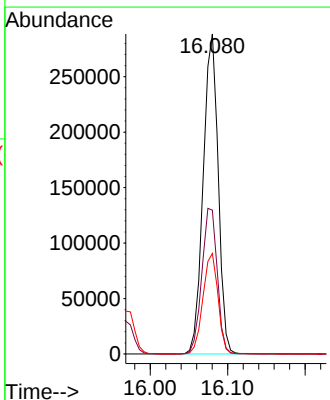
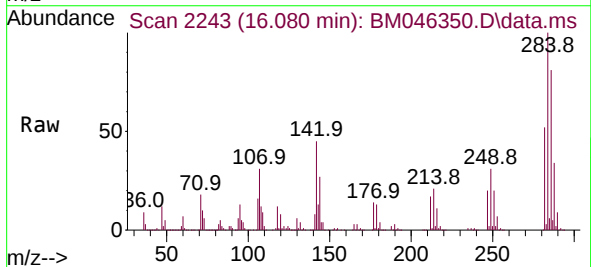
Manual Integrations  
APPROVED

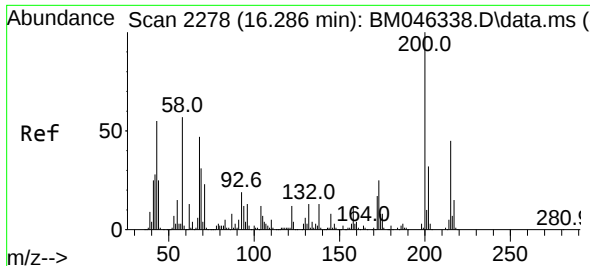
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#68  
Hexachlorobenzene  
Concen: 45.968 ng  
RT: 16.080 min Scan# 2243  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

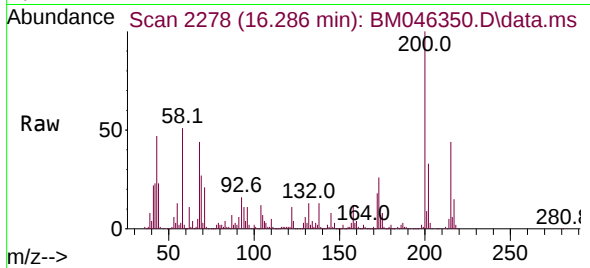
Tgt Ion:284 Resp: 387447  
Ion Ratio Lower Upper  
284 100  
142 45.0 34.8 52.2  
249 31.4 24.5 36.7





#69  
Atrazine  
Concen: 55.745 ng  
RT: 16.286 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

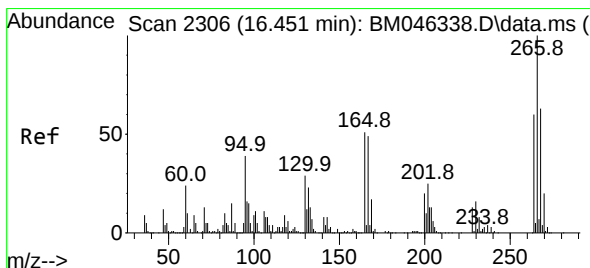
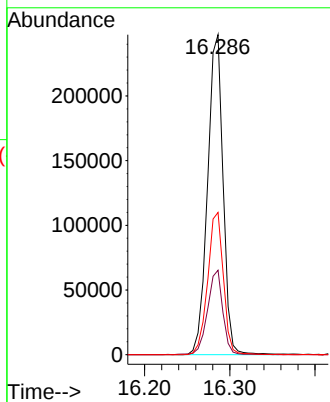
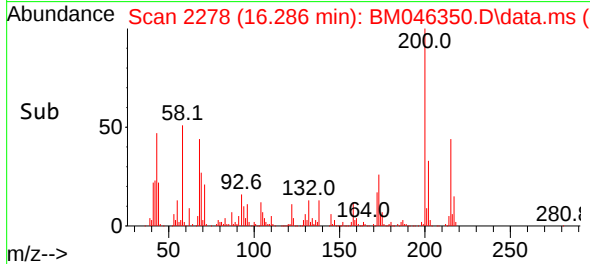
Instrument :  
BNA\_M  
ClientSampleId :  
7-S-1MS



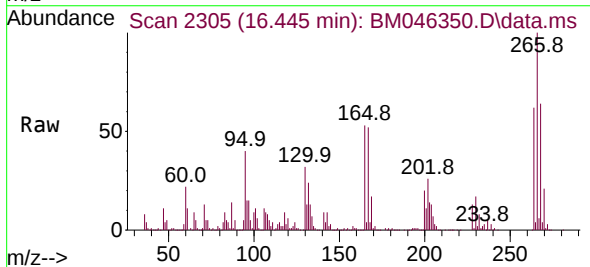
Tgt Ion:200 Resp: 31292  
Ion Ratio Lower Upper  
200 100  
173 26.4 4.9 44.9  
215 44.5 25.0 65.0

Manual Integrations  
APPROVED

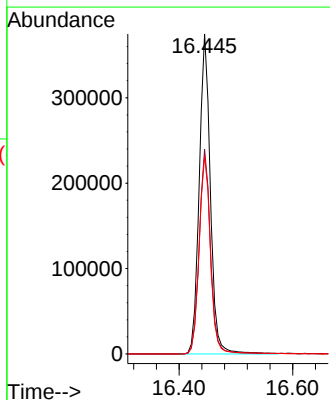
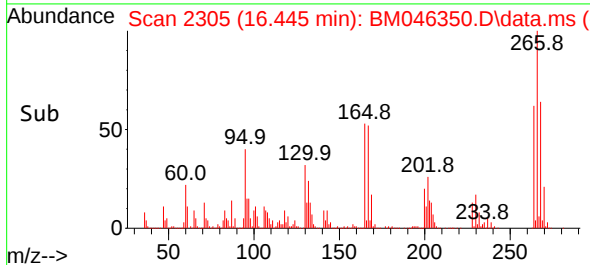
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024

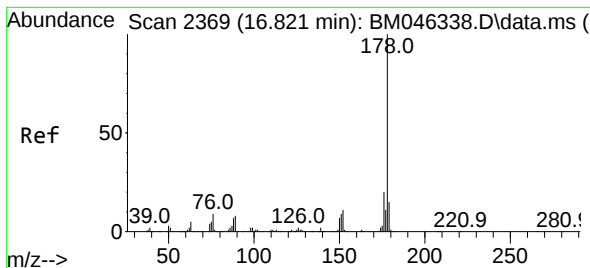


#70  
Pentachlorophenol  
Concen: 96.577 ng  
RT: 16.445 min Scan# 2305  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25



Tgt Ion:266 Resp: 511998  
Ion Ratio Lower Upper  
266 100  
268 63.9 50.3 75.5  
264 62.0 48.4 72.6





#71

Phenanthrene

Concen: 49.170 ng

RT: 16.815 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM046350.D

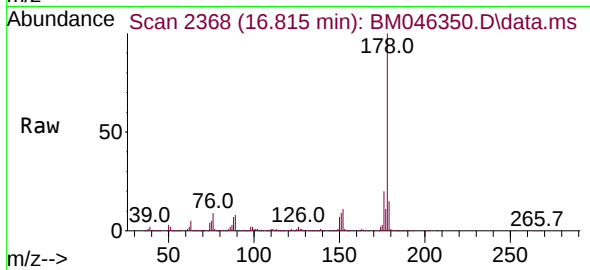
Acq: 28 Jun 2024 13:25

Instrument :

BNA\_M

ClientSampleId :

7-S-1MS



Tgt Ion:178 Resp: 182939

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

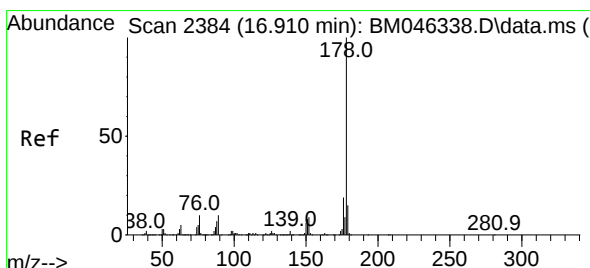
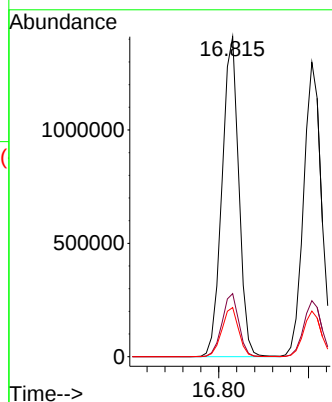
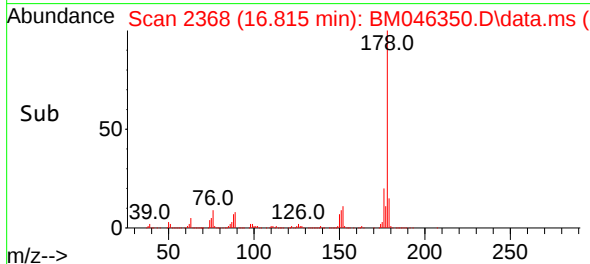
179 15.4 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#72

Anthracene

Concen: 49.968 ng

RT: 16.904 min Scan# 2383

Delta R.T. -0.006 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

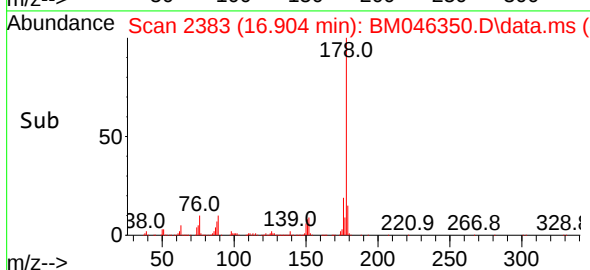
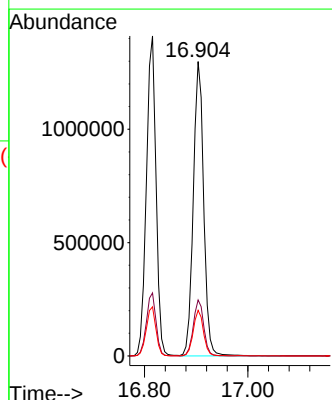
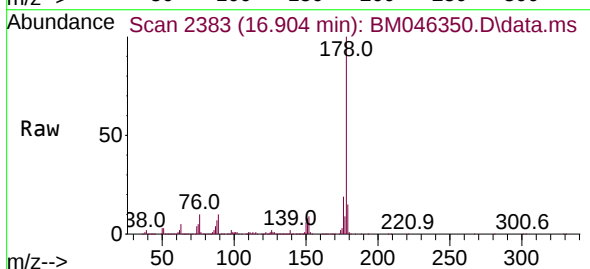
Tgt Ion:178 Resp: 1808325

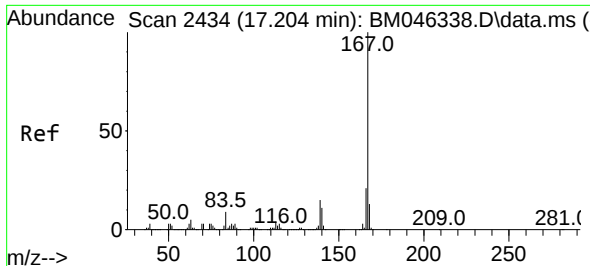
Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

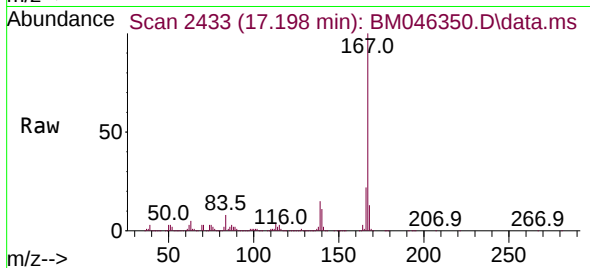
179 15.5 12.0 18.0





#73  
 Carbazole  
 Concen: 46.675 ng  
 RT: 17.198 min Scan# 2434  
 Delta R.T. -0.006 min  
 Lab File: BM046350.D  
 Acq: 28 Jun 2024 13:25

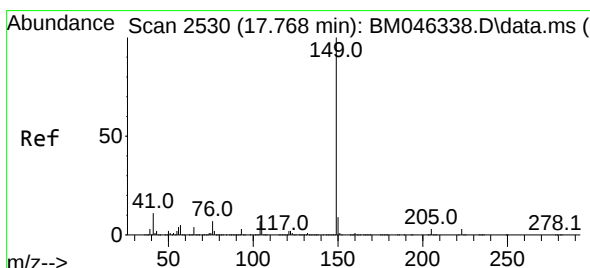
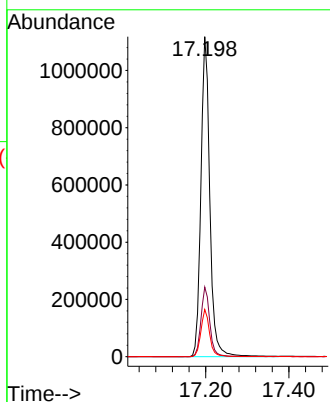
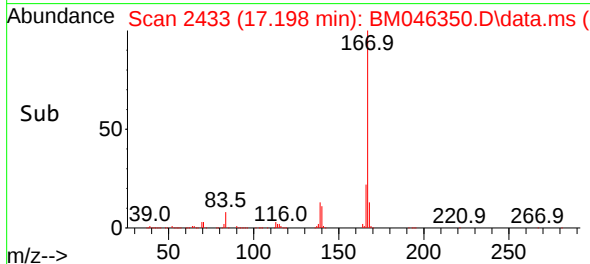
Instrument :  
 BNA\_M  
 ClientSampleId :  
 7-S-1MS



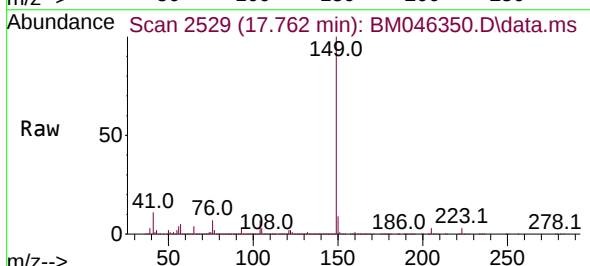
Tgt Ion:167 Resp: 166322  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.1 25.7  
 139 14.7 11.8 17.6

Manual Integrations  
 APPROVED

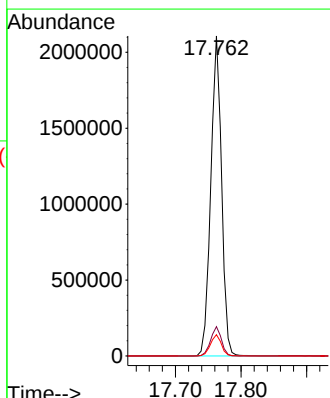
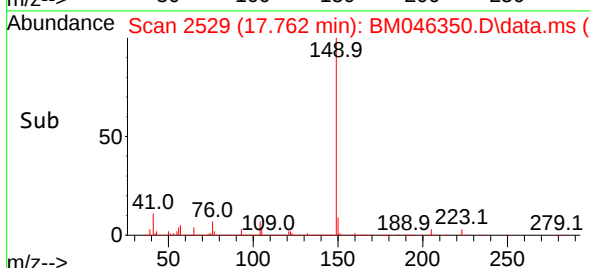
Reviewed By :Yogesh Patel 06/29/2024  
 Supervised By :mohammad ahmed 06/29/2024

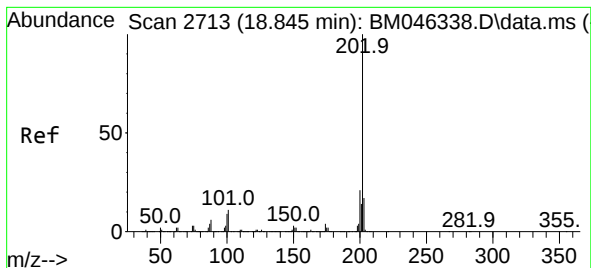


#74  
 Di-n-butylphthalate  
 Concen: 50.250 ng  
 RT: 17.762 min Scan# 2529  
 Delta R.T. -0.006 min  
 Lab File: BM046350.D  
 Acq: 28 Jun 2024 13:25



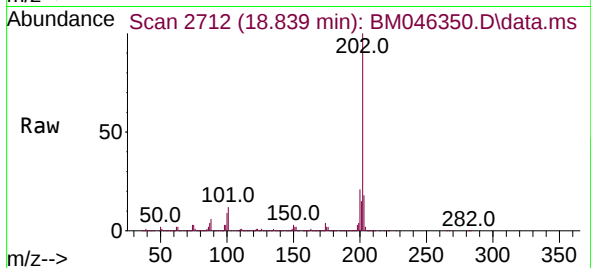
Tgt Ion:149 Resp: 2405792  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.2 10.8  
 104 6.7 5.4 8.2





#75  
Fluoranthene  
Concen: 47.159 ng  
RT: 18.839 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

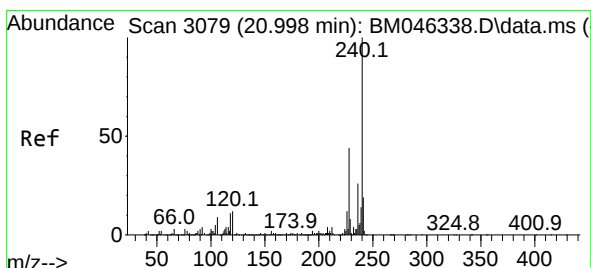
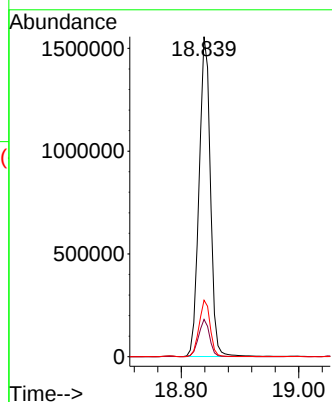
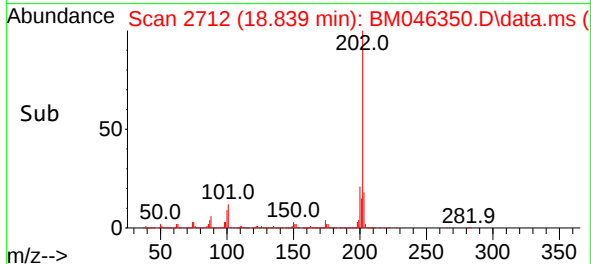
Instrument :  
BNA\_M  
ClientSampleId :  
7-S-1MS



Tgt Ion:202 Resp: 207332  
Ion Ratio Lower Upper  
202 100  
101 11.6 0.0 31.4  
203 17.7 0.0 37.2

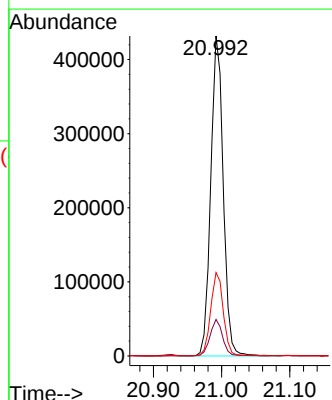
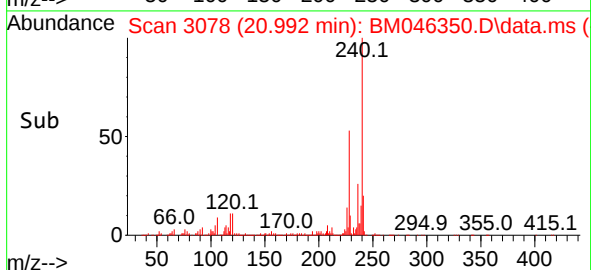
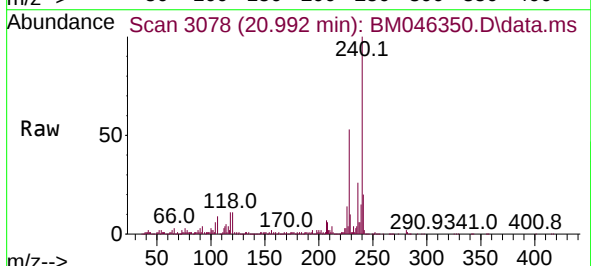
Manual Integrations  
APPROVED

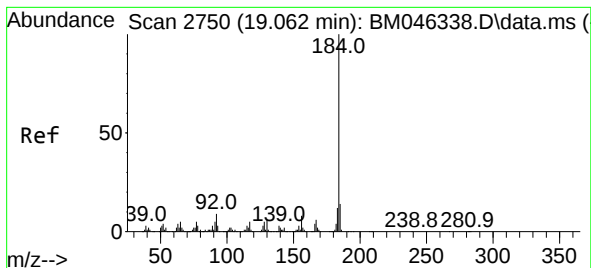
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 20.992 min Scan# 3078  
Delta R.T. -0.006 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

Tgt Ion:240 Resp: 550418  
Ion Ratio Lower Upper  
240 100  
120 11.4 9.3 13.9  
236 26.0 20.5 30.7





#77

Benzidine

Concen: 121.332 ng

RT: 19.062 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

Instrument :

BNA\_M

ClientSampleId :

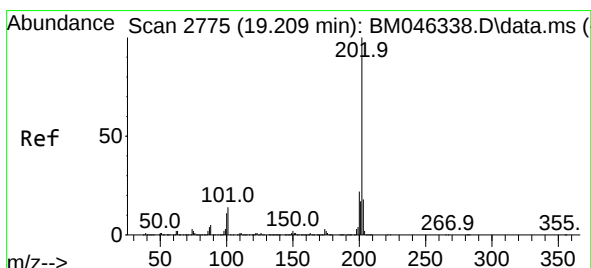
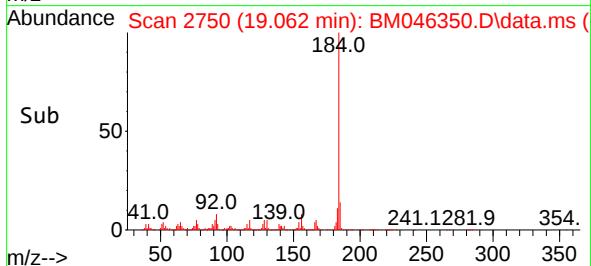
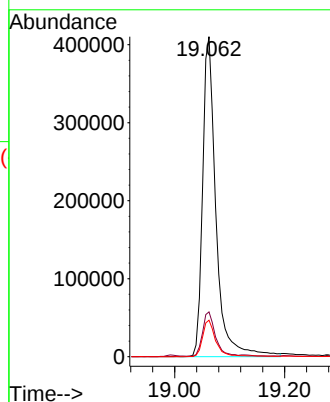
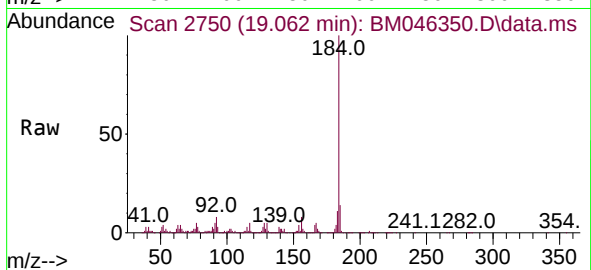
7-S-1MS

Tgt Ion:184 Resp: 692925  
 Ion Ratio Lower Upper  
 184 100  
 185 14.0 11.1 16.7  
 183 11.4 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024  
 Supervised By :mohammad ahmed 06/29/2024



#78

Pyrene

Concen: 55.662 ng

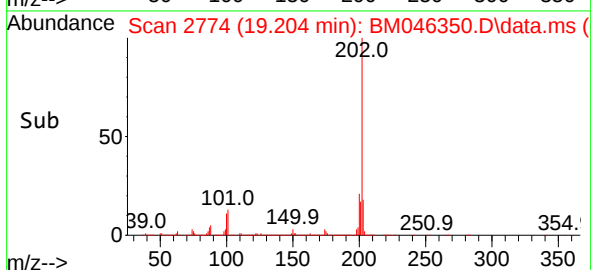
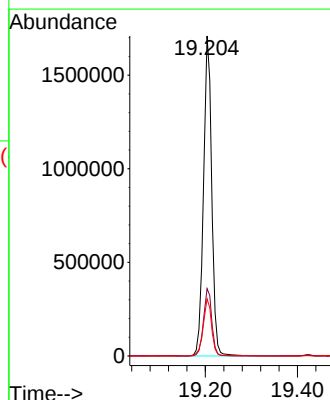
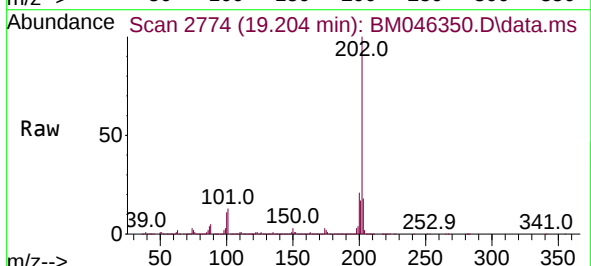
RT: 19.204 min Scan# 2774

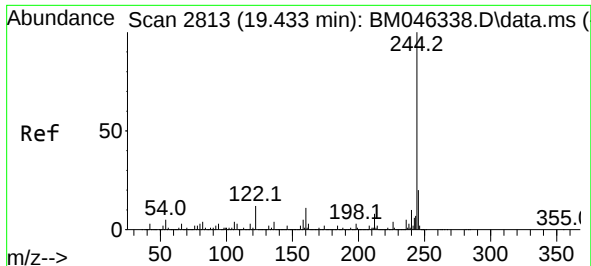
Delta R.T. -0.005 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

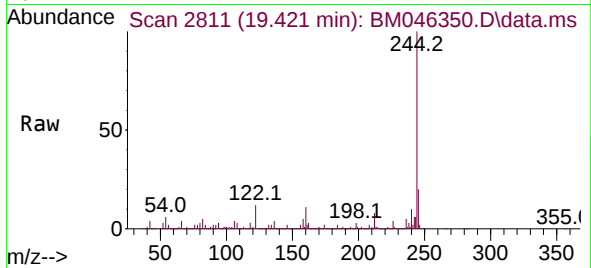
Tgt Ion:202 Resp: 2128099  
 Ion Ratio Lower Upper  
 202 100  
 200 21.1 17.3 25.9  
 203 17.9 14.3 21.5





#79  
 Terphenyl-d14  
 Concen: 50.531 ng  
 RT: 19.421 min Scan# 2811  
 Delta R.T. -0.012 min  
 Lab File: BM046350.D  
 Acq: 28 Jun 2024 13:25

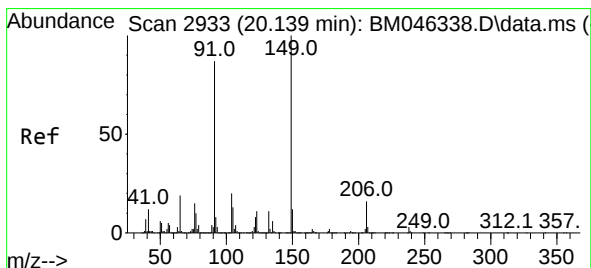
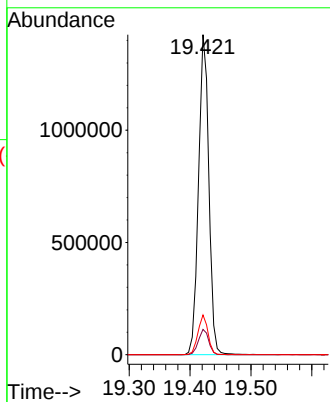
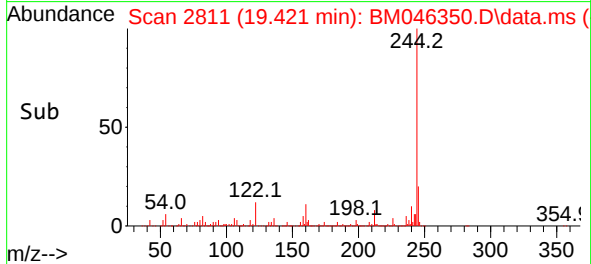
Instrument :  
 BNA\_M  
 ClientSampleId :  
 7-S-1MS



Tgt Ion:244 Resp: 168105  
 Ion Ratio Lower Upper  
 244 100  
 212 7.9 6.5 9.7  
 122 12.4 9.4 14.0

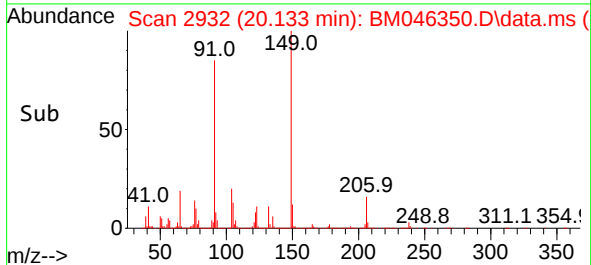
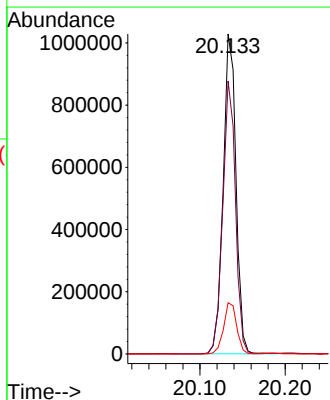
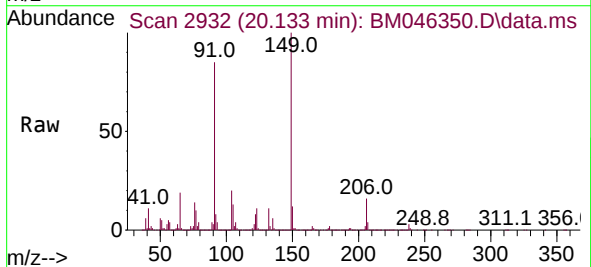
Manual Integrations  
 APPROVED

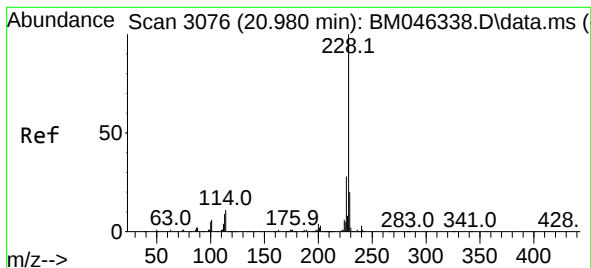
Reviewed By :Yogesh Patel 06/29/2024  
 Supervised By :mohammad ahmed 06/29/2024



#80  
 Butylbenzylphthalate  
 Concen: 59.741 ng  
 RT: 20.133 min Scan# 2932  
 Delta R.T. -0.006 min  
 Lab File: BM046350.D  
 Acq: 28 Jun 2024 13:25

Tgt Ion:149 Resp: 1074676  
 Ion Ratio Lower Upper  
 149 100  
 91 85.3 69.5 104.3  
 206 16.0 13.0 19.6





#81

Benzo(a)anthracene

Concen: 49.729 ng

RT: 20.974 min Scan# 3075

Delta R.T. -0.006 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

Instrument :

BNA\_M

ClientSampleId :

7-S-1MS

Tgt Ion:228 Resp: 179554

Ion Ratio Lower Upper

228 100

226 28.1 22.5 33.7

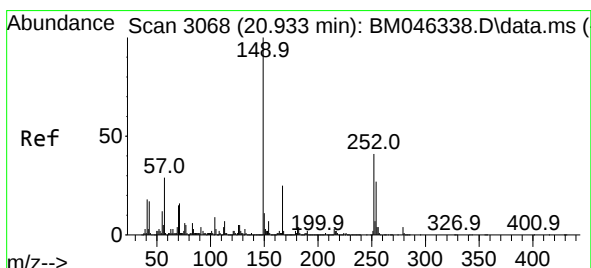
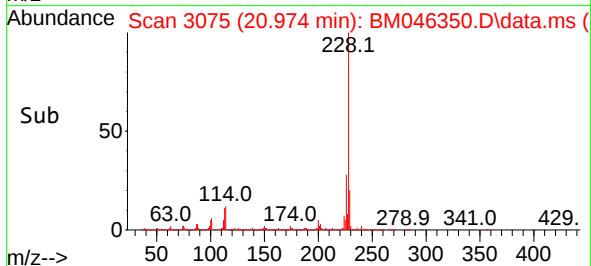
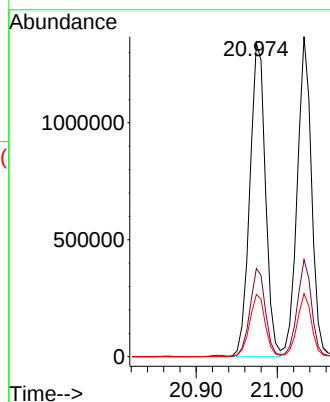
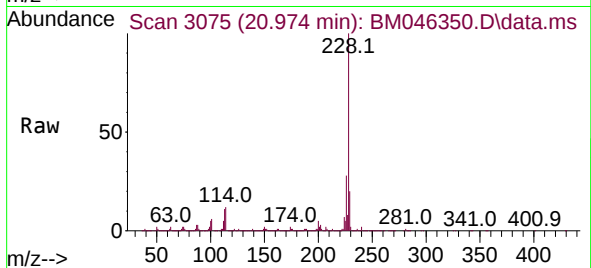
229 19.9 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#82

3,3'-Dichlorobenzidine

Concen: 36.852 ng

RT: 20.927 min Scan# 3067

Delta R.T. -0.006 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

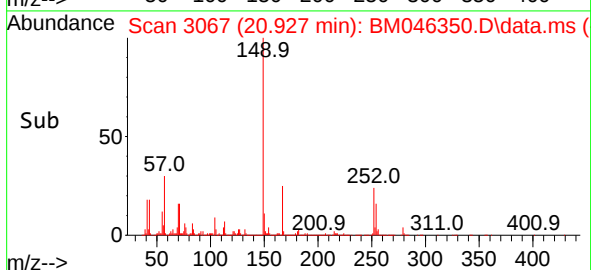
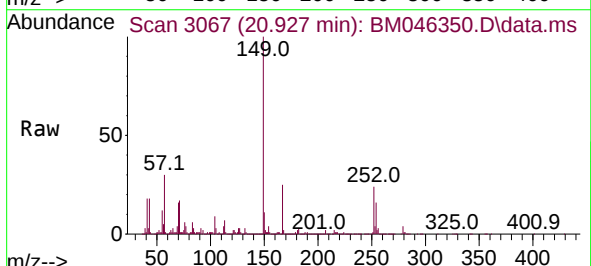
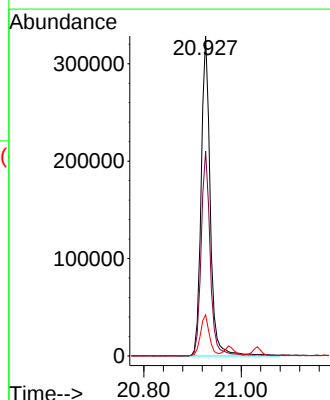
Tgt Ion:252 Resp: 426807

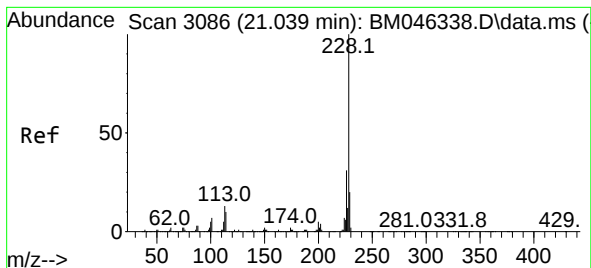
Ion Ratio Lower Upper

252 100

254 64.0 52.6 79.0

126 12.8 10.2 15.4





#83

Chrysene

Concen: 48.267 ng

RT: 21.033 min Scan# 3086

Delta R.T. -0.006 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

Instrument :

BNA\_M

ClientSampleId :

7-S-1MS

Tgt Ion:228 Resp: 1666730

Ion Ratio Lower Upper

228 100

226 30.3 24.6 36.8

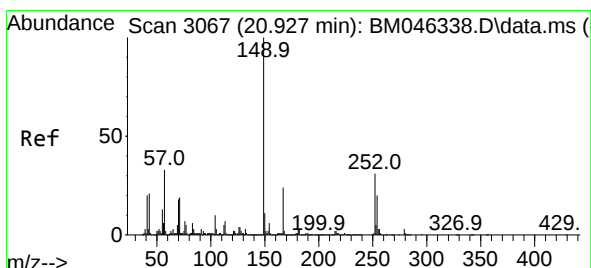
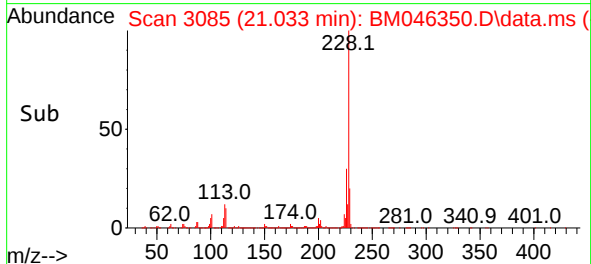
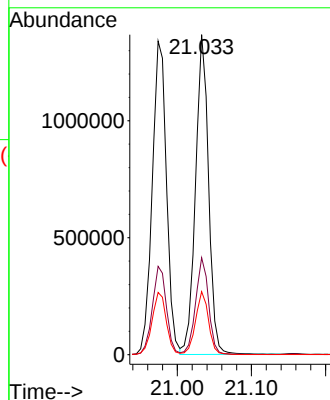
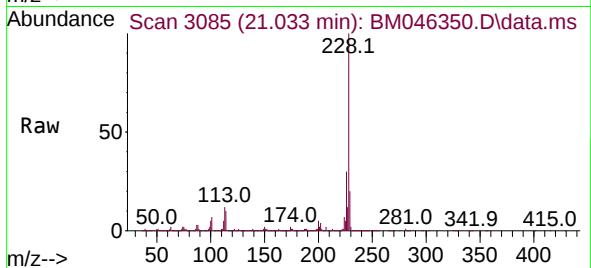
229 19.7 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.988 ng

RT: 20.921 min Scan# 3066

Delta R.T. -0.006 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

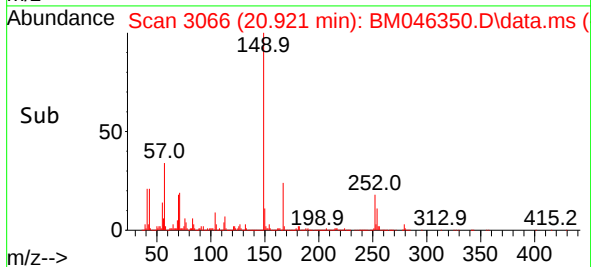
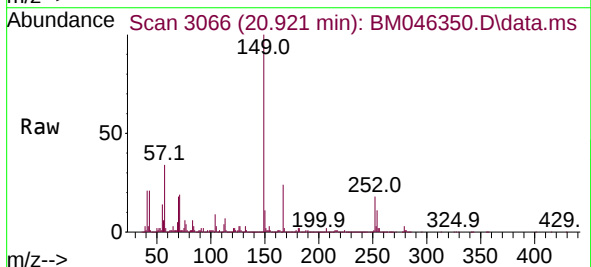
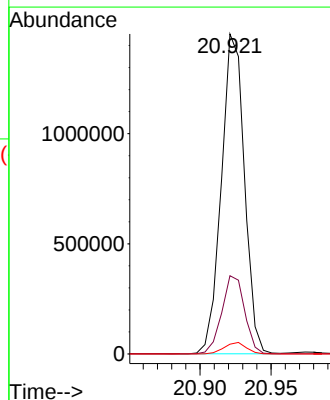
Tgt Ion:149 Resp: 1636530

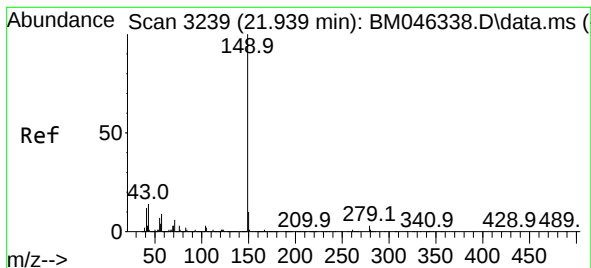
Ion Ratio Lower Upper

149 100

167 24.5 19.6 29.4

279 3.1 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 53.070 ng

RT: 21.933 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

Instrument :

BNA\_M

ClientSampleId :

7-S-1MS

Tgt Ion:149 Resp: 241345

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

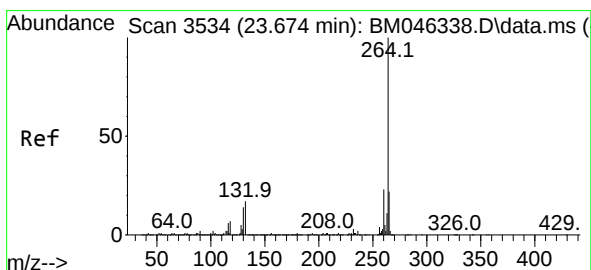
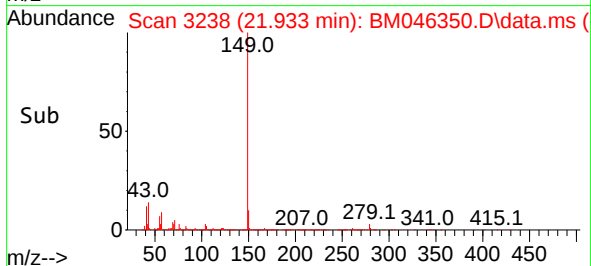
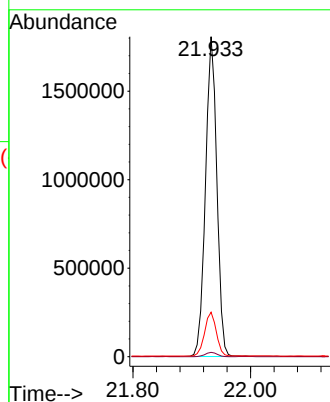
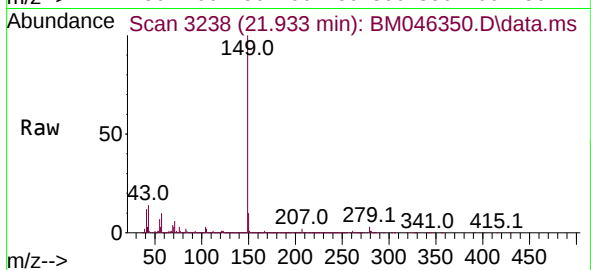
43 14.2 11.6 17.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.662 min Scan# 3532

Delta R.T. -0.012 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

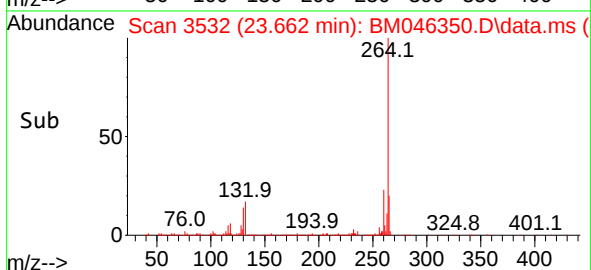
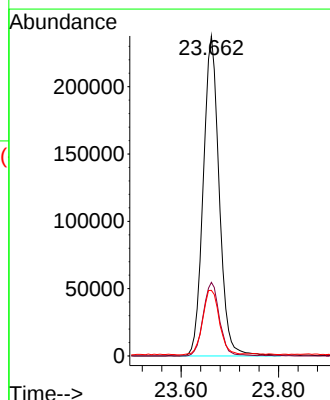
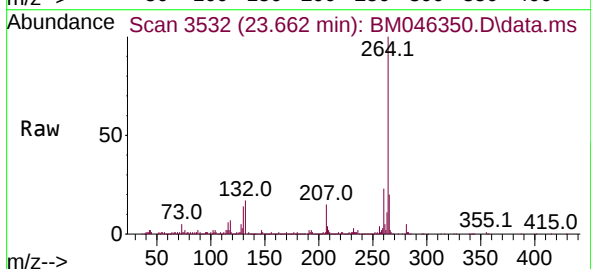
Tgt Ion:264 Resp: 539540

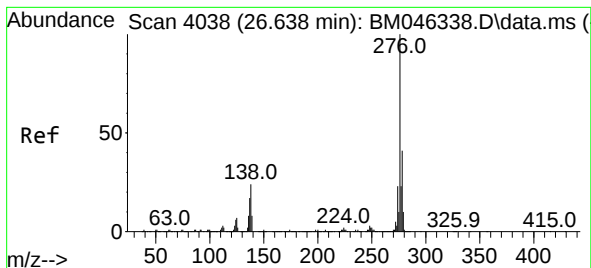
Ion Ratio Lower Upper

264 100

260 23.0 18.5 27.7

265 20.5 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.882 ng

RT: 26.621 min Scan# 4035

Delta R.T. -0.018 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

Instrument :

BNA\_M

ClientSampleId :

7-S-1MS

Tgt Ion:276 Resp: 1760730

Ion Ratio Lower Upper

276 100

138 26.5 21.4 32.2

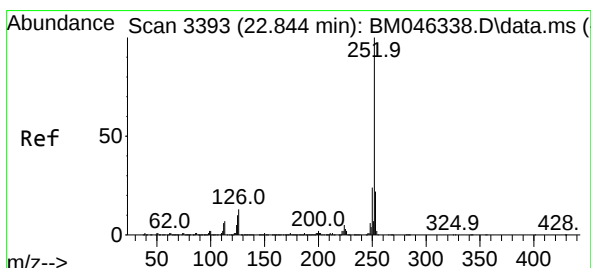
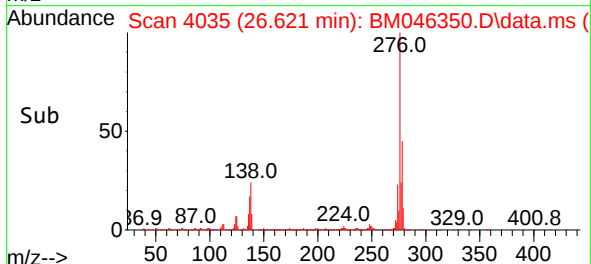
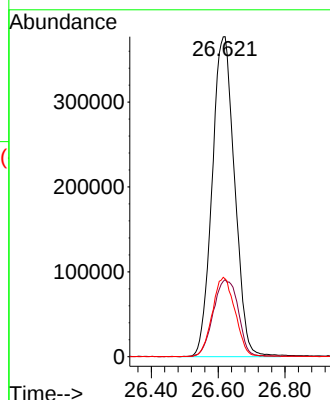
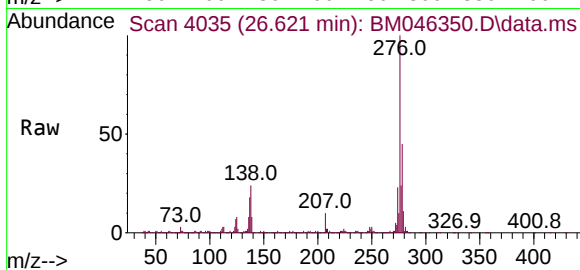
277 25.0 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#88

Benzo(b)fluoranthene

Concen: 48.609 ng

RT: 22.833 min Scan# 3391

Delta R.T. -0.012 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

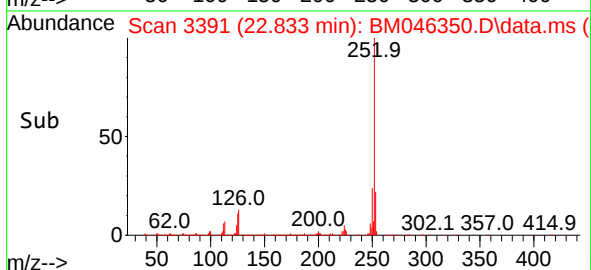
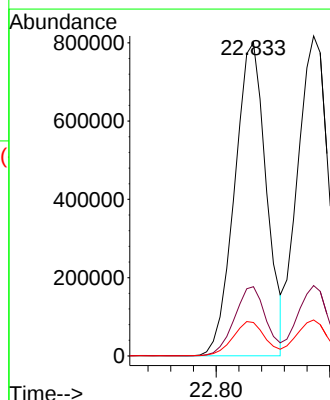
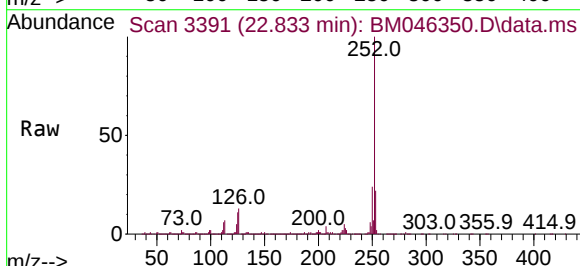
Tgt Ion:252 Resp: 1553400

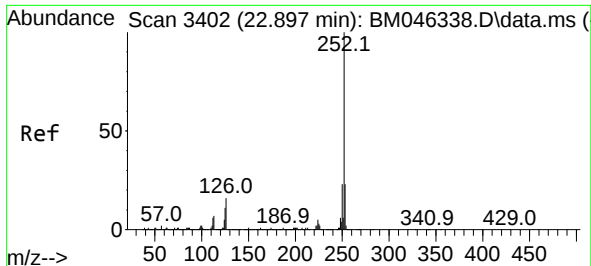
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

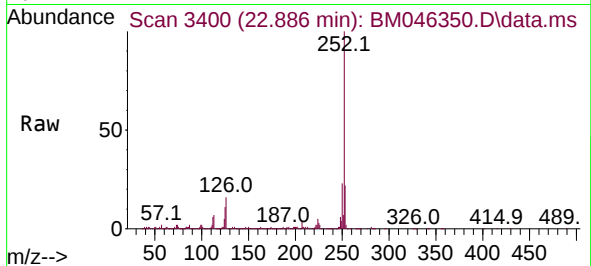
125 10.7 8.4 12.6





#89  
Benzo(k)fluoranthene  
Concen: 48.563 ng  
RT: 22.886 min Scan# 3402  
Delta R.T. -0.012 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

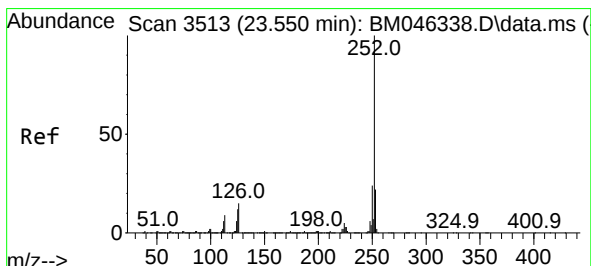
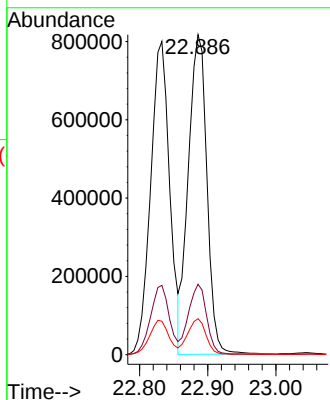
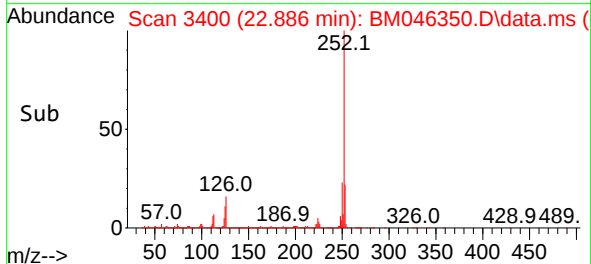
Instrument :  
BNA\_M  
ClientSampleId :  
7-S-1MS



Tgt Ion:252 Resp: 154379  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.8 26.8  
125 11.3 8.9 13.3

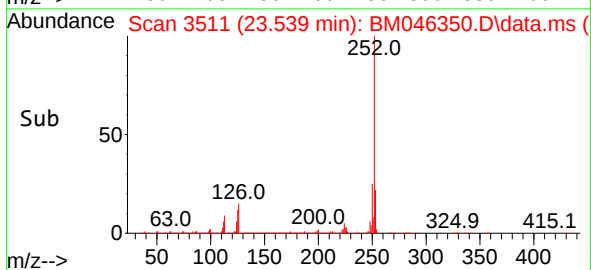
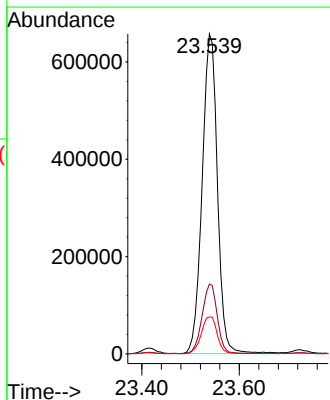
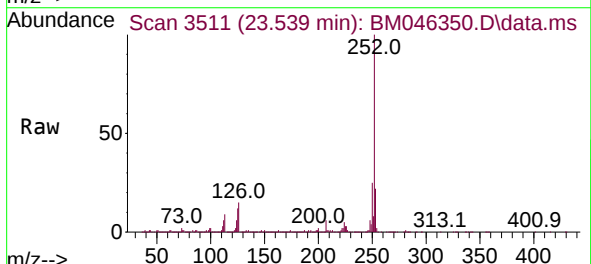
Manual Integrations  
APPROVED

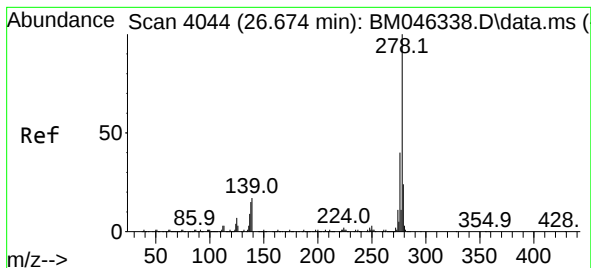
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#90  
Benzo(a)pyrene  
Concen: 50.800 ng  
RT: 23.539 min Scan# 3511  
Delta R.T. -0.012 min  
Lab File: BM046350.D  
Acq: 28 Jun 2024 13:25

Tgt Ion:252 Resp: 1425907  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.9 26.9  
125 11.6 9.8 14.6





#91

Dibenzo(a,h)anthracene

Concen: 49.148 ng

RT: 26.650 min Scan# 4040

Delta R.T. -0.024 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

Instrument :

BNA\_M

ClientSampleId :

7-S-1MS

Tgt Ion:278 Resp: 142009

Ion Ratio Lower Upper

278 100

139 17.0 13.7 20.5

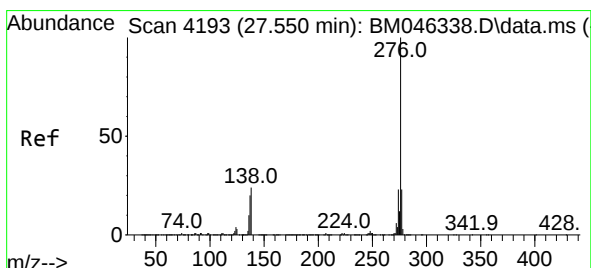
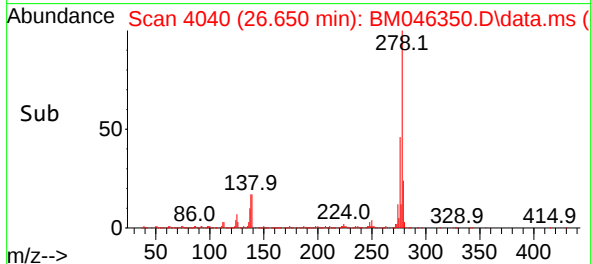
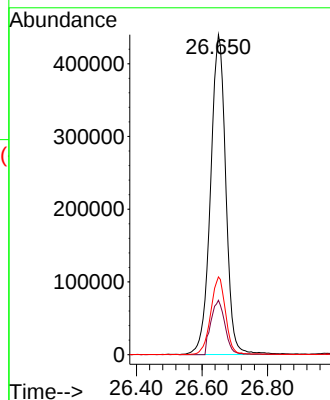
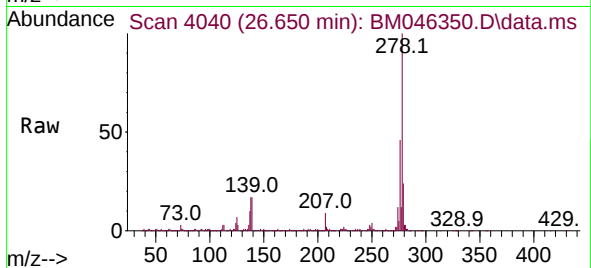
279 24.3 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#92

Benzo(g,h,i)perylene

Concen: 47.935 ng

RT: 27.532 min Scan# 4190

Delta R.T. -0.018 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

Tgt Ion:276 Resp: 1371869

Ion Ratio Lower Upper

276 100

277 24.0 18.5 27.7

138 22.7 19.0 28.4

