

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM020524\  
 Data File : BM043979.D  
 Acq On : 05 Feb 2024 15:49  
 Operator : MA/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC080

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024  
 Supervised By :mohammad ahmed 02/07/2024

Quant Time: Feb 06 06:47:40 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 06 06:29:52 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.922  | 152  | 285930   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.728 | 136  | 1321154  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.569 | 164  | 830490   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.321 | 188  | 1843735  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.527 | 240  | 1944262  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.933 | 264  | 2330027  | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.493  | 112  | 3198230  | 165.178 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.093  | 99   | 4829340  | 168.810 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.098  | 82   | 4528829  | 165.245 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.063 | 330  | 1771563  | 174.994 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.198 | 172  | 9687120  | 160.276 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.956 | 244  | 13578646 | 134.820 | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.393  | 88   | 583443   | 77.968  | ng    | 100      |
| 3) Pyridine                   | 3.793  | 79   | 1587089  | 69.846  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.716  | 42   | 782729   | 79.954  | ng    | # 92     |
| 6) Aniline                    | 7.257  | 93   | 2406650  | 84.549  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.487  | 128  | 1768624  | 82.271  | ng    | 99       |
| 10) Phenol                    | 7.122  | 94   | 2361118  | 83.008  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.363  | 93   | 1783050  | 79.980  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.810  | 146  | 1844791  | 79.483  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.957  | 146  | 1871561  | 79.733  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.275  | 146  | 1833688  | 79.212  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.175  | 79   | 1642905  | 83.785  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.469  | 45   | 2350388  | 78.848  | ng    | 99       |
| 17) 2-Methylphenol            | 8.369  | 107  | 1537324  | 84.549  | ng    | 98       |
| 18) Hexachloroethane          | 8.998  | 117  | 706248   | 80.179  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.745  | 70   | 1533445  | 81.460  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.704  | 107  | 2183870  | 85.097  | ng    | 99       |
| 22) Acetophenone              | 8.757  | 105  | 2894138  | 80.847  | ng    | # 99     |
| 24) Nitrobenzene              | 9.140  | 77   | 2231914  | 81.167  | ng    | 97       |
| 25) Isophorone                | 9.663  | 82   | 4301502  | 84.311  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.845  | 139  | 1021466  | 91.911  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 9.910  | 122  | 1311426  | 85.939  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.157 | 93   | 2516947  | 80.784  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.375 | 162  | 1714767  | 88.100  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.592 | 180  | 1793204  | 81.571  | ng    | 98       |
| 31) Naphthalene               | 10.781 | 128  | 6024452  | 81.811  | ng    | 99       |
| 32) Benzoic acid              | 10.081 | 122  | 1462519  | 81.521  | ng    | 95       |
| 33) 4-Chloroaniline           | 10.904 | 127  | 2570301  | 84.920  | ng    | 99       |
| 34) Hexachlorobutadiene       | 11.051 | 225  | 964191   | 80.418  | ng    | 100      |
| 35) Caprolactam               | 11.710 | 113  | 724930m  | 90.838  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 12.022 | 107  | 2057646  | 86.329  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.392 | 142  | 4239743  | 82.561  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.610 | 142  | 4215202  | 82.225  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.751 | 216  | 1944388  | 82.549  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.728 | 237  | 639223   | 82.514  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.998 | 196  | 1396482  | 87.730  | ng    | 98       |
| 44) 2,4,5-Trichlorophenol     | 13.069 | 196  | 1585042  | 87.278  | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM020524\  
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 Acq On : 05 Feb 2024 15:49  
 Operator : MA/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC080

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024  
 Supervised By :mohammad ahmed 02/07/2024

Quant Time: Feb 06 06:47:40 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 06 06:29:52 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 46) 1,1'-Biphenyl             | 13.404 | 154  | 5318366  | 81.435  | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.445 | 162  | 4238191  | 81.373  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.657 | 65   | 1484470  | 87.633  | ng    | 98       |
| 49) Acenaphthylene            | 14.292 | 152  | 6633313  | 83.317  | ng    | 100      |
| 50) Dimethylphthalate         | 14.045 | 163  | 5230298  | 81.079  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.163 | 165  | 1233691  | 87.003  | ng    | 95       |
| 52) Acenaphthene              | 14.633 | 154  | 4149871  | 82.224  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.492 | 138  | 1447435  | 87.928  | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.692 | 184  | 721557   | 81.916  | ng    | 94       |
| 55) Dibenzofuran              | 14.969 | 168  | 6354110  | 80.898  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.792 | 139  | 1282776  | 89.170  | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 14.945 | 165  | 1771300  | 89.737  | ng    | 96       |
| 58) Fluorene                  | 15.621 | 166  | 5387958  | 81.229  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.192 | 232  | 1319713  | 84.292  | ng    | 99       |
| 60) Diethylphthalate          | 15.410 | 149  | 5507207  | 82.467  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.621 | 204  | 2503198  | 80.889  | ng    | 97       |
| 62) 4-Nitroaniline            | 15.657 | 138  | 1587947  | 88.227  | ng    | 96       |
| 63) Azobenzene                | 15.916 | 77   | 5475433  | 82.091  | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.704 | 198  | 985107   | 81.458  | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 15.839 | 169  | 4582460  | 83.438  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.515 | 248  | 1555367  | 85.634  | ng    | 98       |
| 68) Hexachlorobenzene         | 16.616 | 284  | 1787267  | 82.531  | ng    | 96       |
| 69) Atrazine                  | 16.798 | 200  | 1072773  | 70.605  | ng    | 99       |
| 70) Pentachlorophenol         | 16.963 | 266  | 1277936  | 89.869  | ng    | 99       |
| 71) Phenanthrene              | 17.363 | 178  | 8477864  | 82.555  | ng    | 99       |
| 72) Anthracene                | 17.457 | 178  | 8389622  | 83.446  | ng    | 99       |
| 73) Carbazole                 | 17.733 | 167  | 8675962  | 83.323  | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.310 | 149  | 9710233  | 85.035  | ng    | 99       |
| 75) Fluoranthene              | 19.386 | 202  | 10531233 | 82.926  | ng    | 99       |
| 77) Benzidine                 | 19.580 | 184  | 2566251  | 104.031 | ng    | 100      |
| 78) Pyrene                    | 19.751 | 202  | 11172327 | 83.596  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.668 | 149  | 4825424  | 91.181  | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.509 | 228  | 10983521 | 80.523  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.450 | 252  | 3784072  | 86.762  | ng    | 99       |
| 83) Chrysene                  | 21.562 | 228  | 10486200 | 80.243  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.456 | 149  | 6752113  | 85.794  | ng    | 97       |
| 85) Di-n-octyl phthalate      | 22.403 | 149  | 12089785 | 89.173  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.462 | 276  | 14114981 | 80.958  | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 23.209 | 252  | 12235036 | 83.479  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.262 | 252  | 11587116 | 82.403  | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.839 | 252  | 10952319 | 84.542  | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 26.491 | 278  | 11620738 | 80.819  | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 27.232 | 276  | 11624763 | 79.263  | ng    | 99       |

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

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 Data File : BM043979.D  
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 Operator : MA/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

## Instrument :

BNA\_M

## ClientSampleId :

SSTDICC080

## Manual Integrations

## APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024  
 Supervised By :mohammad ahmed 02/07/2024

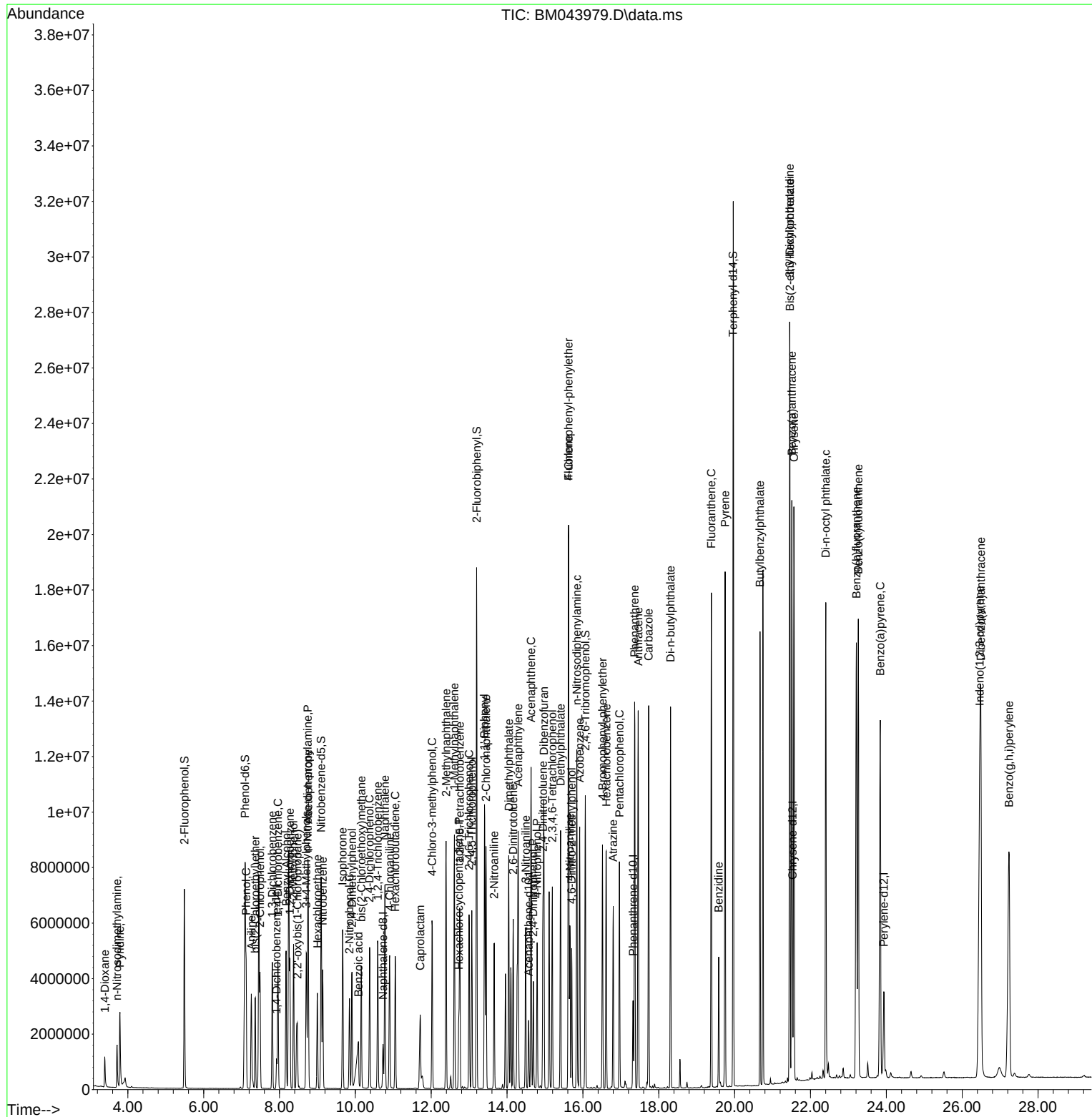
Quant Time: Feb 06 06:47:40 2024

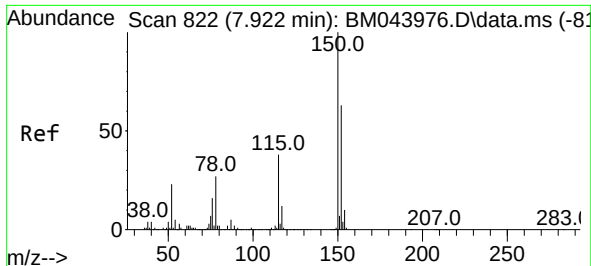
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020524.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Feb 06 06:29:52 2024

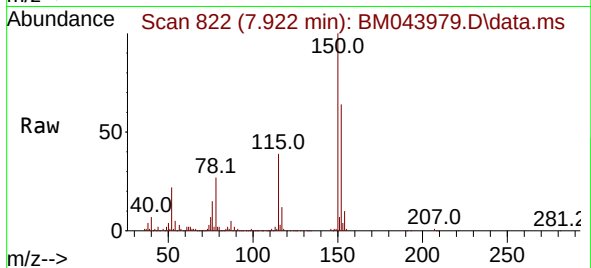
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.922 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

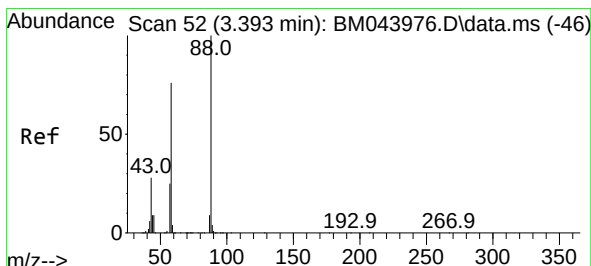
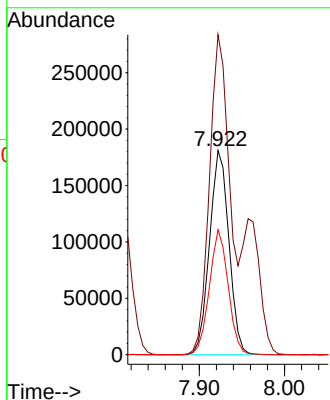
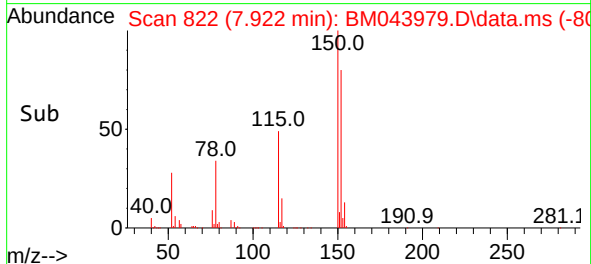
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080



Tgt Ion:152 Resp: 285930  
Ion Ratio Lower Upper  
152 100  
150 156.7 126.1 189.1  
115 61.2 48.2 72.2

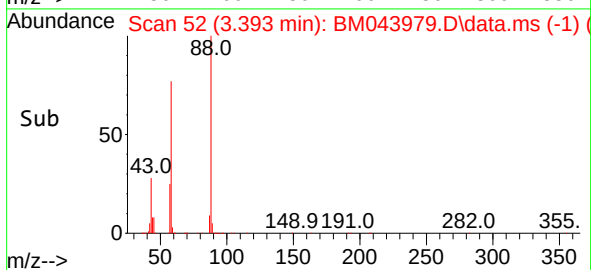
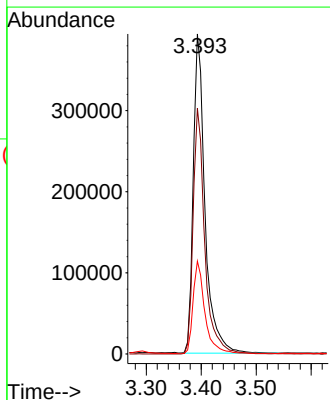
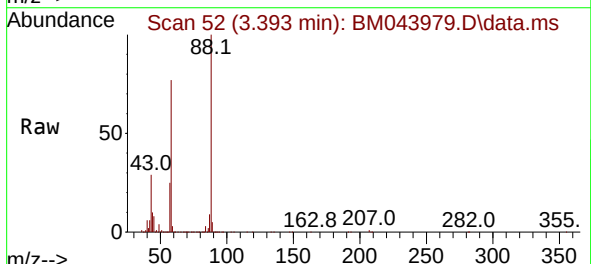
Manual Integrations  
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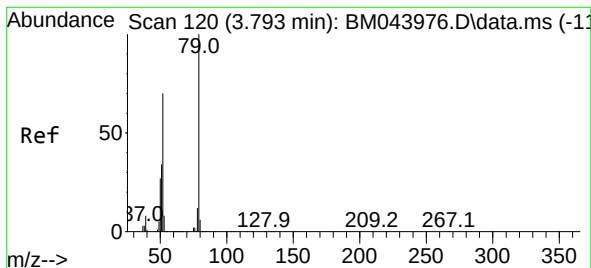
Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024



#2  
1,4-Dioxane  
Concen: 77.968 ng  
RT: 3.393 min Scan# 52  
Delta R.T. 0.000 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

Tgt Ion: 88 Resp: 583443  
Ion Ratio Lower Upper  
88 100  
58 76.3 61.0 91.6  
43 28.9 23.0 34.6





#3

Pyridine

Concen: 69.846 ng

RT: 3.793 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

Instrument :

BNA\_M

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 1587089

Ion Ratio Lower Upper

79 100

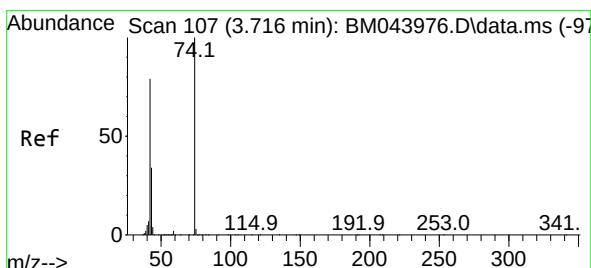
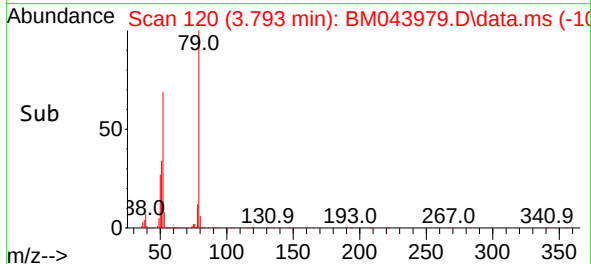
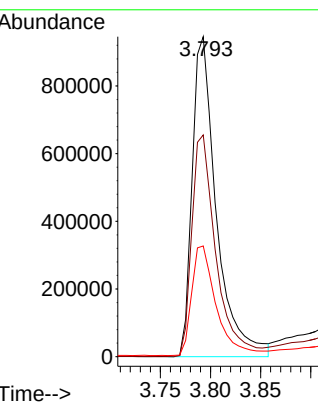
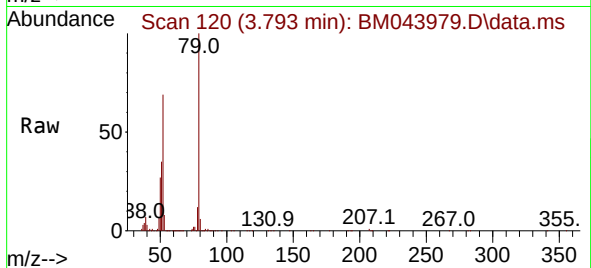
52 69.3 55.9 83.9

51 34.6 28.2 42.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024



#4

n-Nitrosodimethylamine

Concen: 79.954 ng

RT: 3.716 min Scan# 107

Delta R.T. 0.000 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

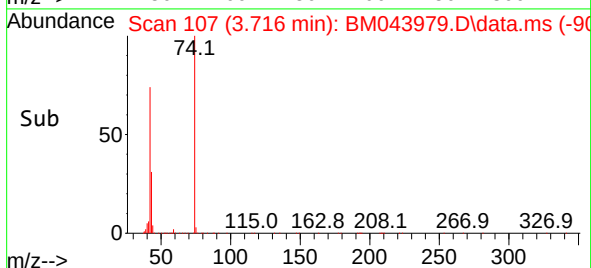
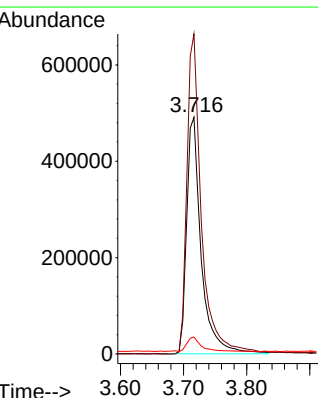
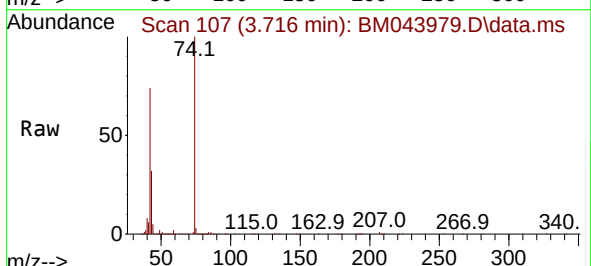
Tgt Ion: 42 Resp: 782729

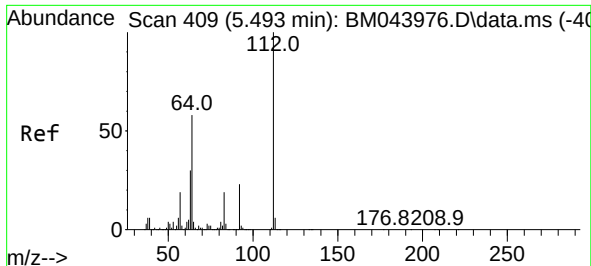
Ion Ratio Lower Upper

42 100

74 135.2 100.7 151.1

44 7.2 7.3 10.9#





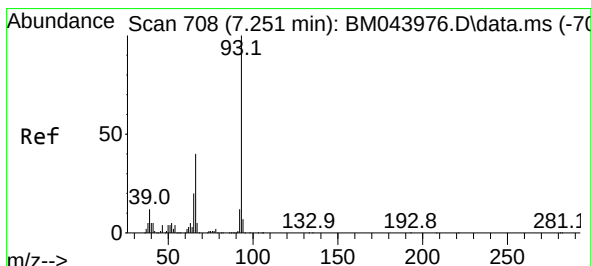
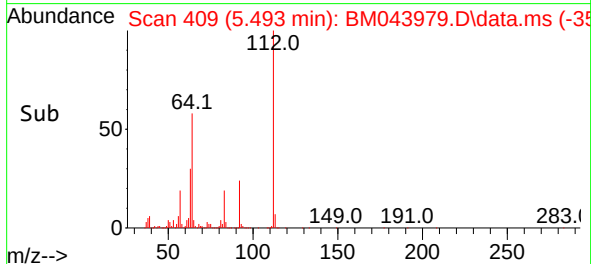
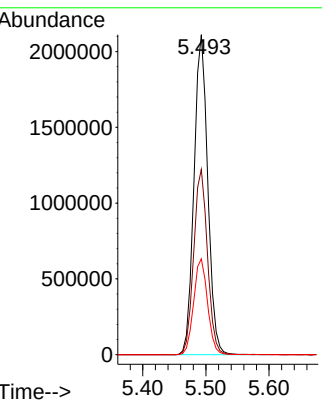
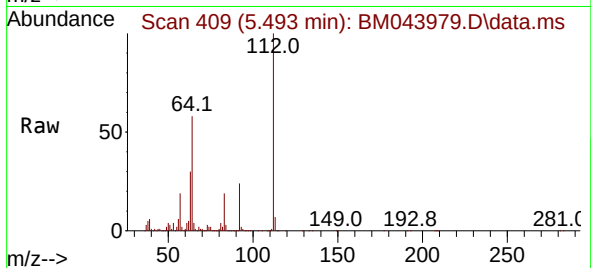
#5  
2-Fluorophenol  
Concen: 165.178 ng  
RT: 5.493 min Scan# 409  
Delta R.T. 0.000 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

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SSTDICC080

Tgt Ion:112 Resp: 3198230  
Ion Ratio Lower Upper  
112 100  
64 57.9 46.6 70.0  
63 29.9 24.2 36.4

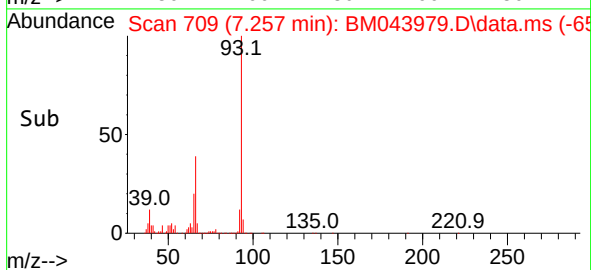
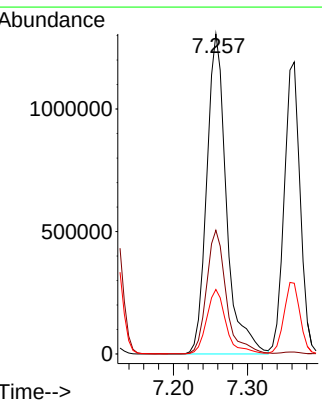
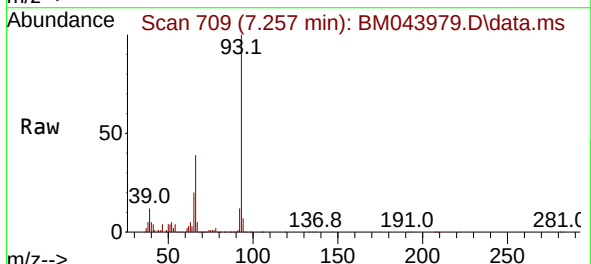
Manual Integrations  
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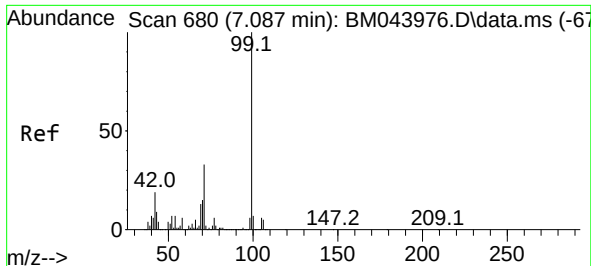
Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024



#6  
Aniline  
Concen: 84.549 ng  
RT: 7.257 min Scan# 709  
Delta R.T. 0.006 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

Tgt Ion: 93 Resp: 2406650  
Ion Ratio Lower Upper  
93 100  
66 38.7 32.2 48.2  
65 20.2 15.8 23.8





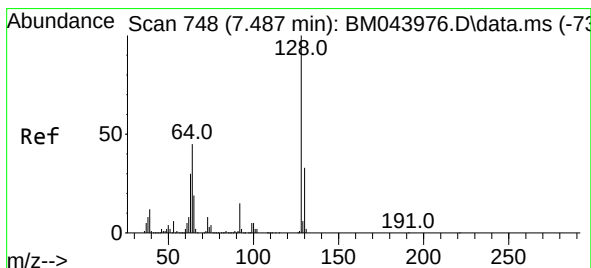
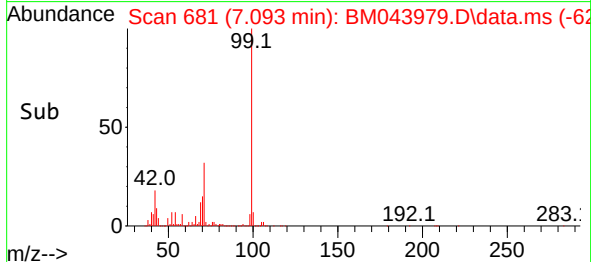
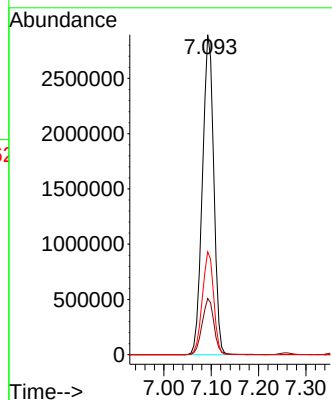
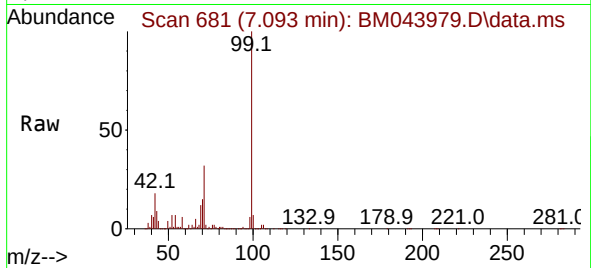
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Phenol-d6  
Concen: 168.810 ng  
RT: 7.093 min Scan# 681  
Delta R.T. 0.006 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080

Tgt Ion: 99 Resp: 4829340  
Ion Ratio Lower Upper  
99 100  
42 17.6 14.9 22.3  
71 32.1 26.3 39.5

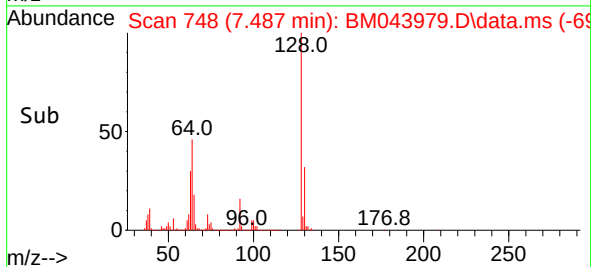
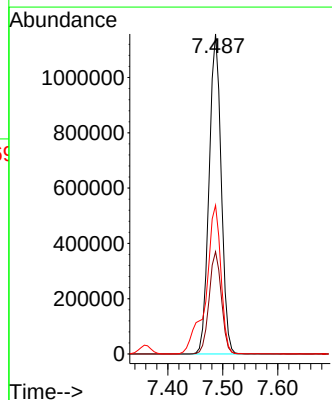
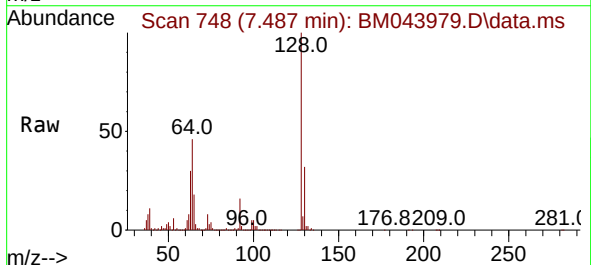
Manual Integrations  
APPROVED

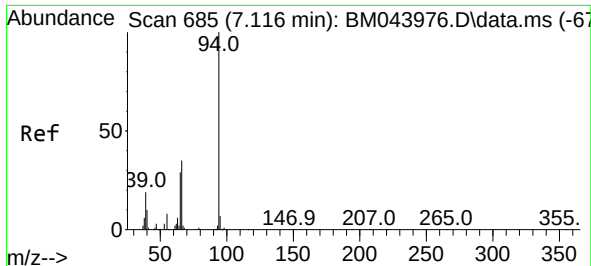
Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024



#8  
2-Chlorophenol  
Concen: 82.271 ng  
RT: 7.487 min Scan# 748  
Delta R.T. 0.000 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

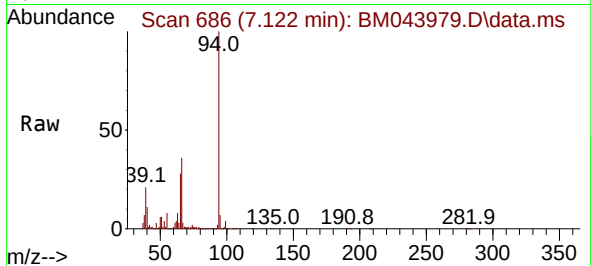
Tgt Ion:128 Resp: 1768624  
Ion Ratio Lower Upper  
128 100  
130 31.9 12.9 52.9  
64 46.4 25.6 65.6





#10  
Phenol  
Concen: 83.008 ng  
RT: 7.122 min Scan# 686  
Delta R.T. 0.006 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

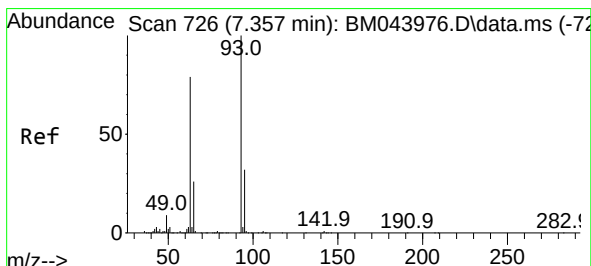
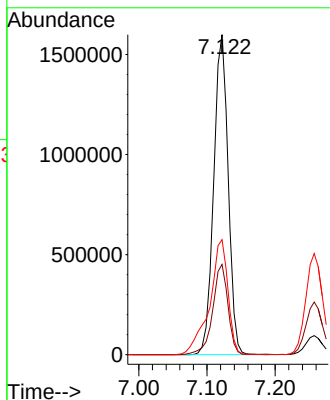
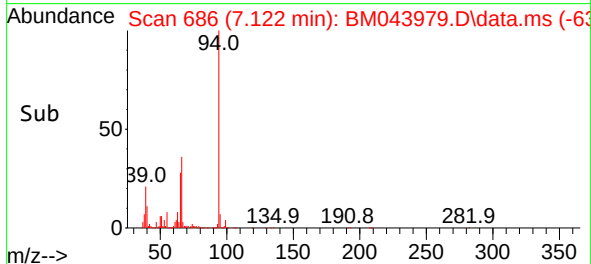
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080



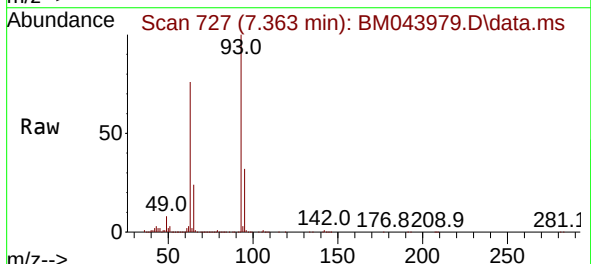
Tgt Ion: 94 Resp: 2361118  
Ion Ratio Lower Upper  
94 100  
65 28.2 9.3 49.3  
66 35.9 15.7 55.7

Manual Integrations  
APPROVED

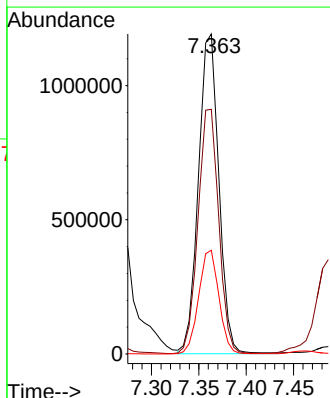
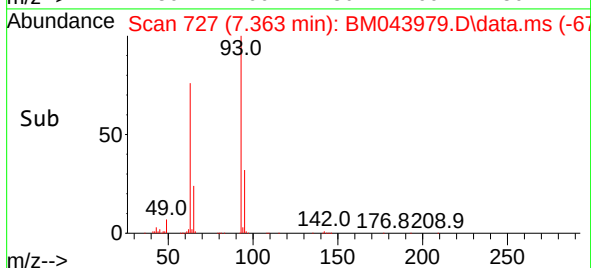
Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024



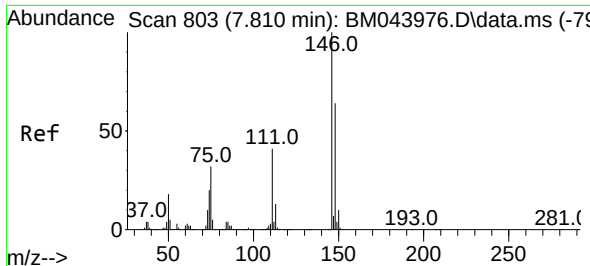
#11  
bis(2-Chloroethyl)ether  
Concen: 79.980 ng  
RT: 7.363 min Scan# 727  
Delta R.T. 0.006 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49



Tgt Ion: 93 Resp: 1783050  
Ion Ratio Lower Upper  
93 100  
63 76.4 59.0 99.0  
95 32.4 11.9 51.9







#12

1,3-Dichlorobenzene

Concen: 79.483 ng

RT: 7.810 min Scan# 803

Delta R.T. 0.000 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

Instrument :

BNA\_M

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 184479

Ion Ratio Lower Upper

146 100

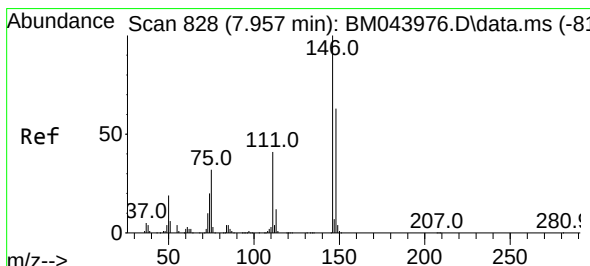
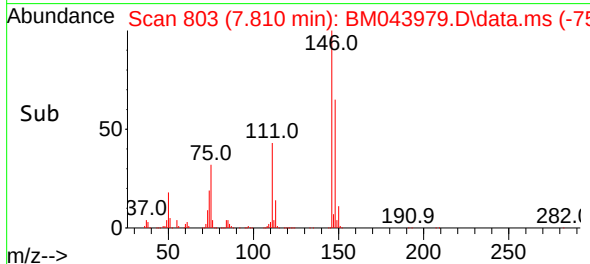
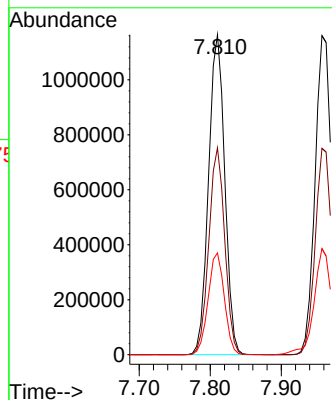
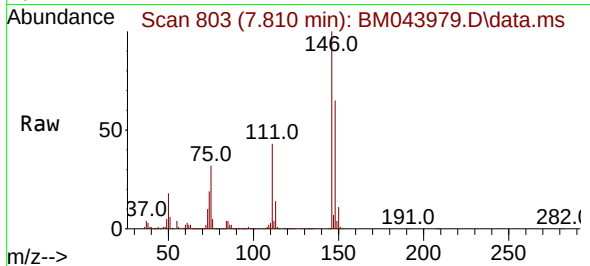
148 64.6 51.0 76.6

75 31.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024



#13

1,4-Dichlorobenzene

Concen: 79.733 ng

RT: 7.957 min Scan# 828

Delta R.T. 0.000 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

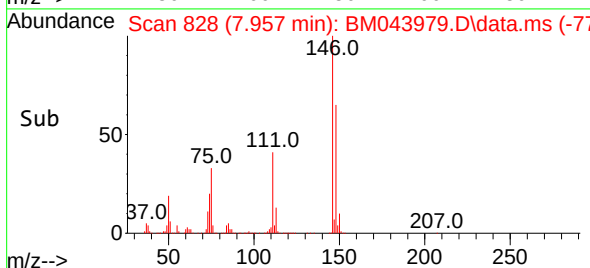
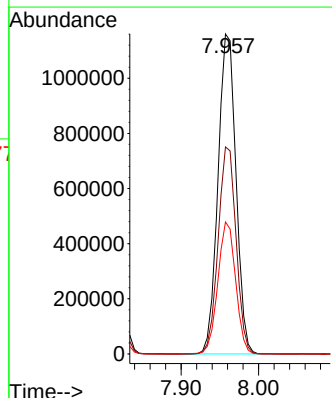
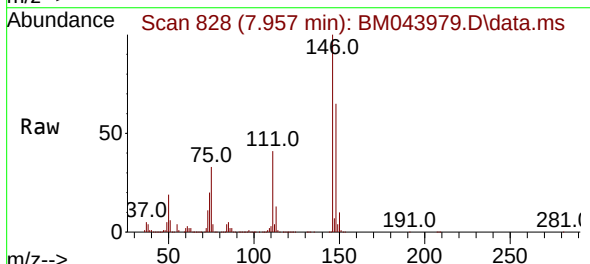
Tgt Ion:146 Resp: 1871561

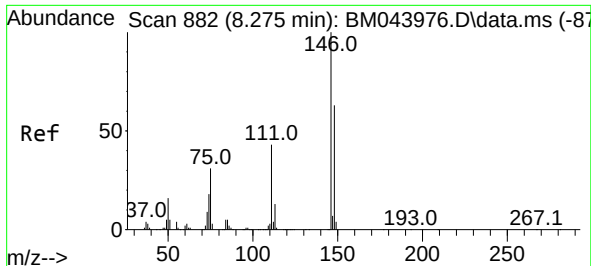
Ion Ratio Lower Upper

146 100

148 64.7 50.7 76.1

111 41.3 32.6 49.0





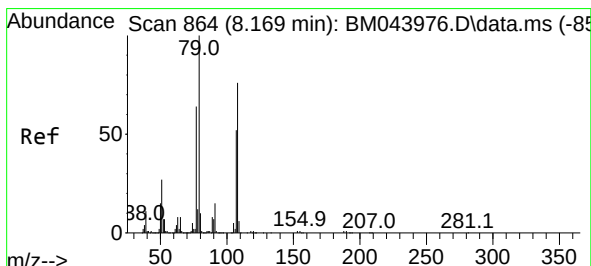
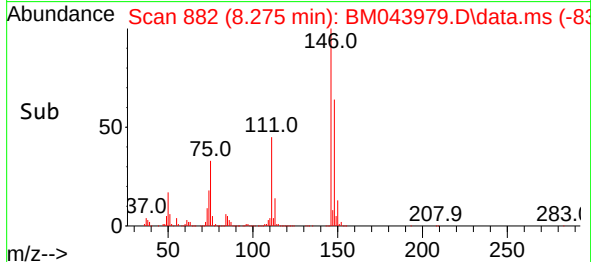
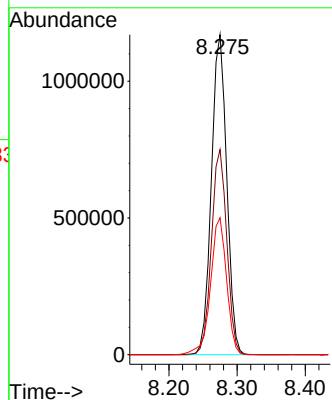
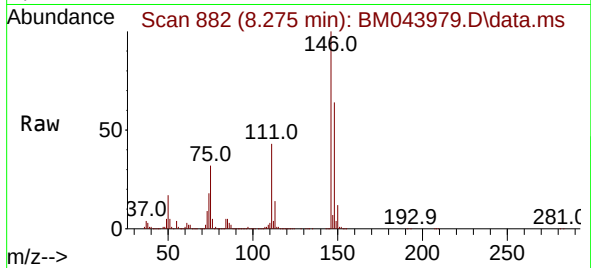
#14  
1,2-Dichlorobenzene  
Concen: 79.212 ng  
RT: 8.275 min Scan# 882  
Delta R.T. 0.000 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080

Tgt Ion:146 Resp: 183368  
Ion Ratio Lower Upper  
146 100  
148 64.1 50.3 75.5  
111 42.8 34.3 51.5

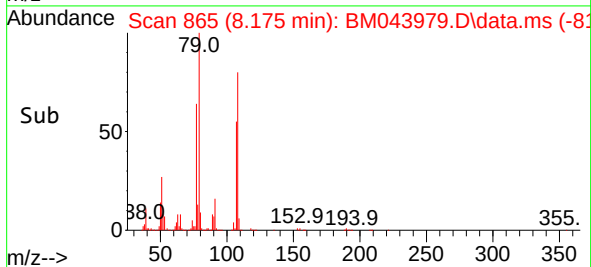
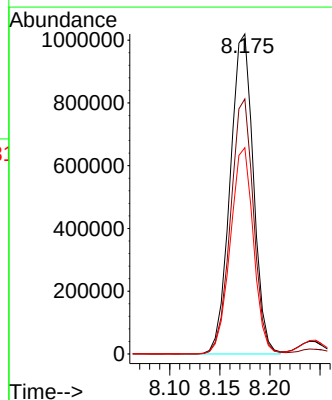
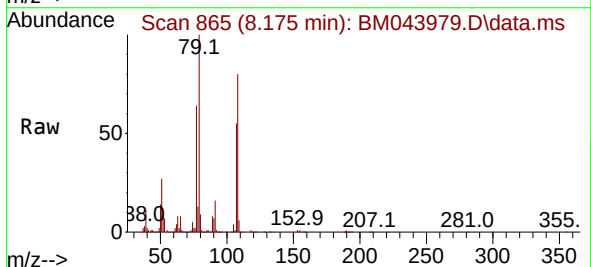
Manual Integrations  
APPROVED

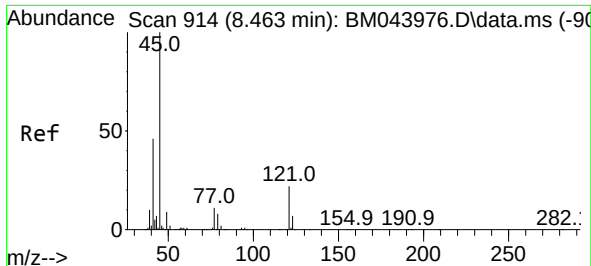
Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024



#15  
Benzyl Alcohol  
Concen: 83.785 ng  
RT: 8.175 min Scan# 865  
Delta R.T. 0.006 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

Tgt Ion: 79 Resp: 1642905  
Ion Ratio Lower Upper  
79 100  
108 79.7 60.7 91.1  
77 64.5 50.9 76.3





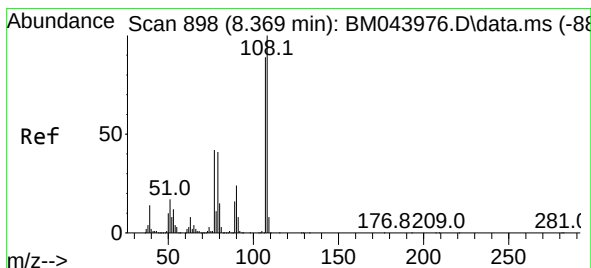
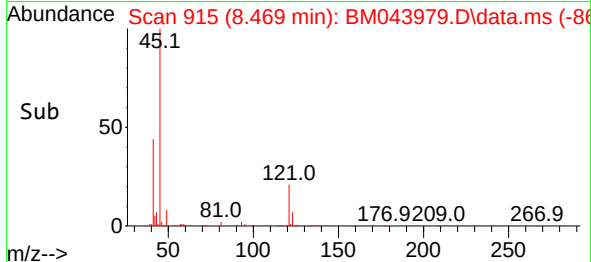
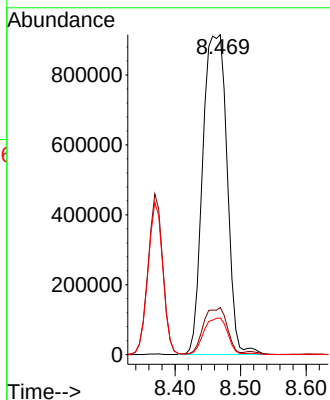
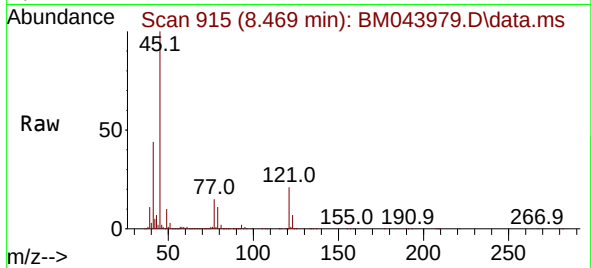
#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 78.848 ng  
RT: 8.469 min Scan# 914  
Delta R.T. 0.006 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080

Tgt Ion: 45 Resp: 235038  
Ion Ratio Lower Upper  
45 100  
77 14.7 0.0 34.4  
79 11.4 0.0 31.2

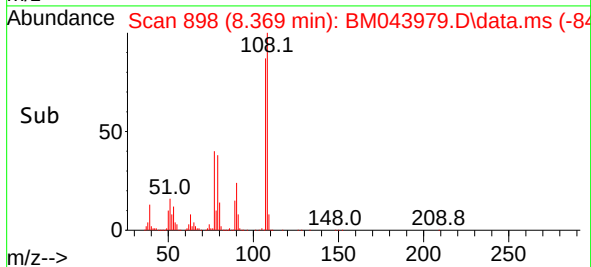
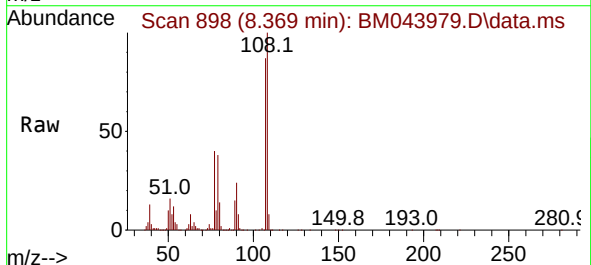
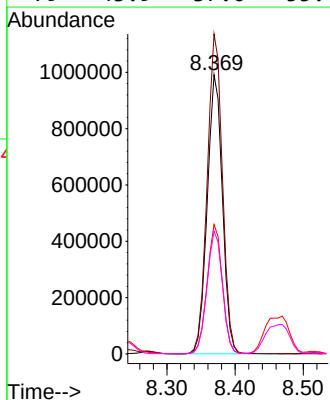
Manual Integrations  
APPROVED

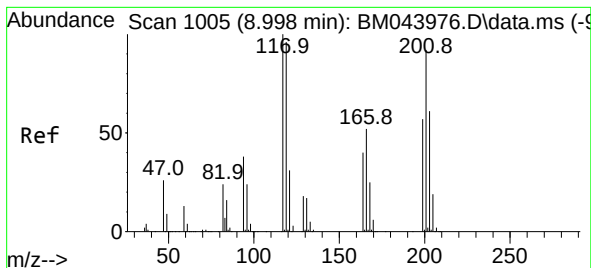
Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024



#17  
2-Methylphenol  
Concen: 84.549 ng  
RT: 8.369 min Scan# 898  
Delta R.T. 0.000 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

Tgt Ion:107 Resp: 1537324  
Ion Ratio Lower Upper  
107 100  
108 114.6 90.4 135.6  
77 46.4 38.0 57.0  
79 43.9 37.0 55.4





#18

Hexachloroethane

Concen: 80.179 ng

RT: 8.998 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BM043979.D

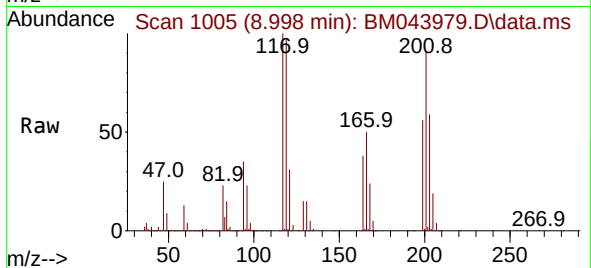
Acq: 05 Feb 2024 15:49

Instrument :

BNA\_M

ClientSampleId :

SSTDICC080



Tgt Ion:117 Resp: 706248

Ion Ratio Lower Upper

117 100

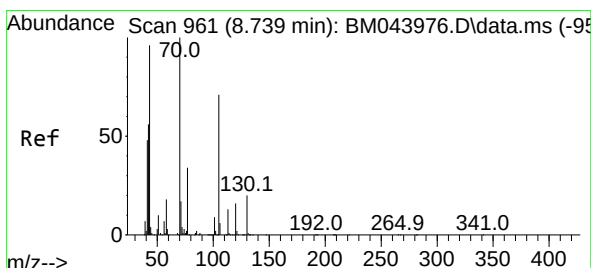
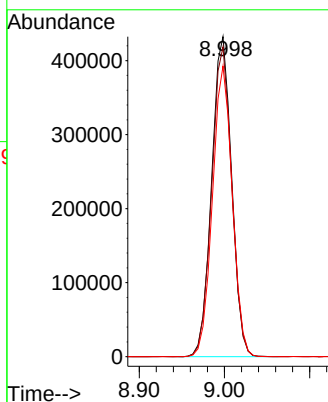
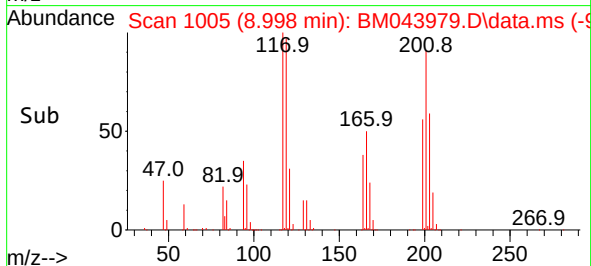
119 96.8 76.7 115.1

201 90.8 73.4 110.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024



#19

n-Nitroso-di-n-propylamine

Concen: 81.460 ng

RT: 8.745 min Scan# 962

Delta R.T. 0.006 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

Tgt Ion: 70 Resp: 1533445

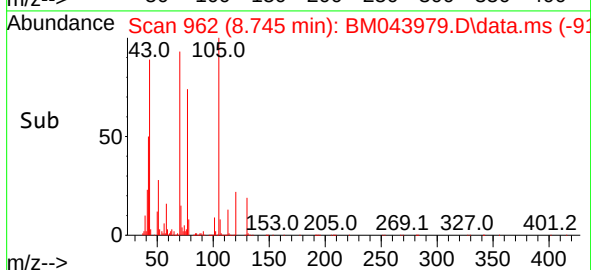
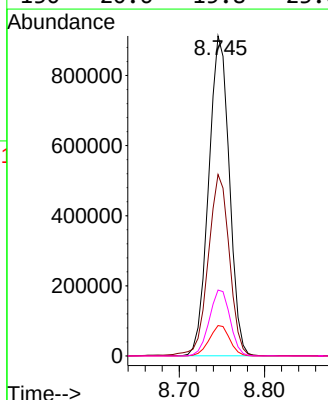
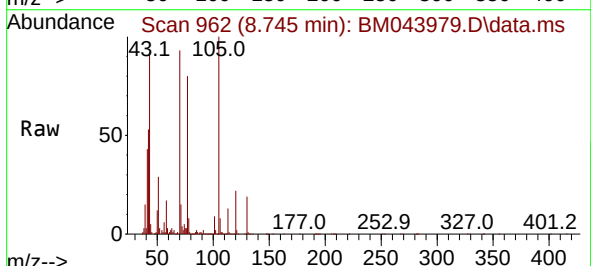
Ion Ratio Lower Upper

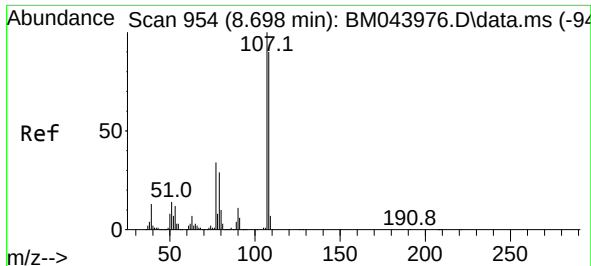
70 100

42 56.7 45.6 68.4

101 9.5 7.5 11.3

130 20.6 15.8 23.6





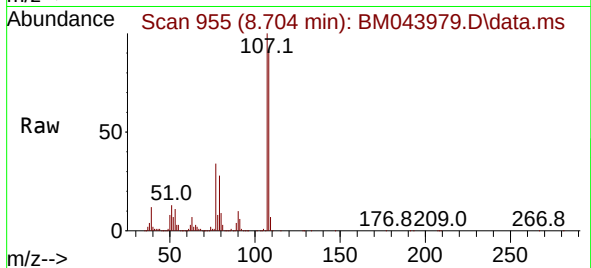
#20  
3+4-Methylphenols  
Concen: 85.097 ng  
RT: 8.704 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

Instrument :

BNA\_M

ClientSampleId :

SSTDICC080

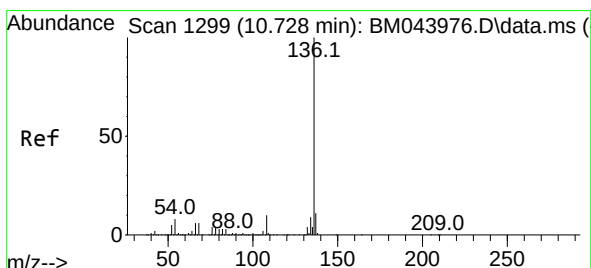
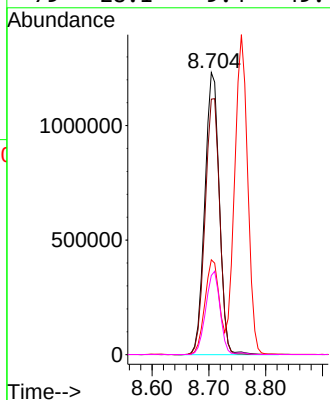
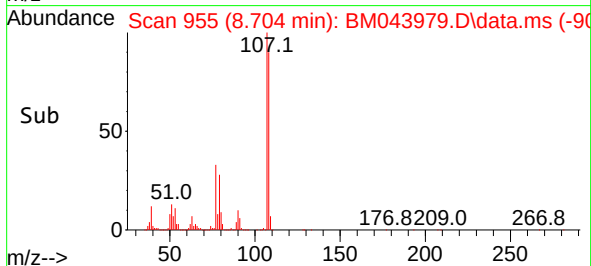


Tgt Ion:107 Resp: 2183870  
Ion Ratio Lower Upper  
107 100  
108 90.6 70.3 110.3  
77 33.6 14.0 54.0  
79 28.1 9.4 49.4

Manual Integrations

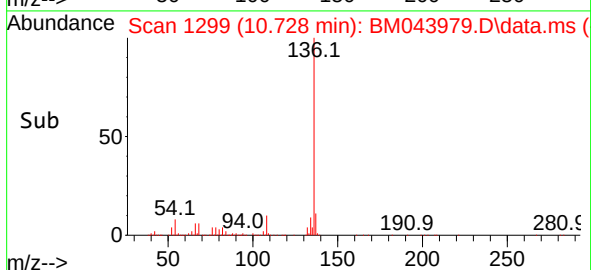
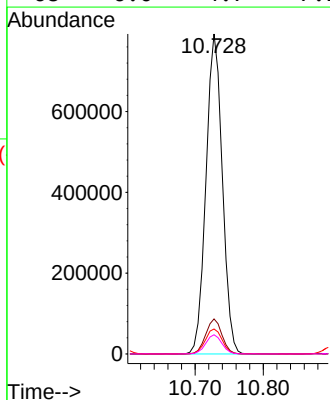
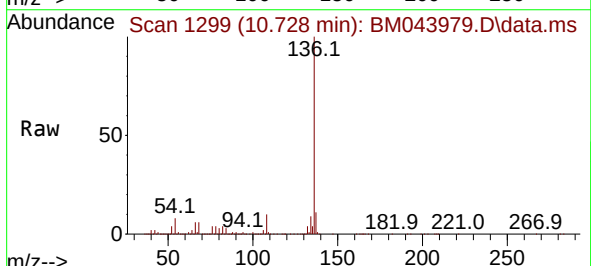
APPROVED

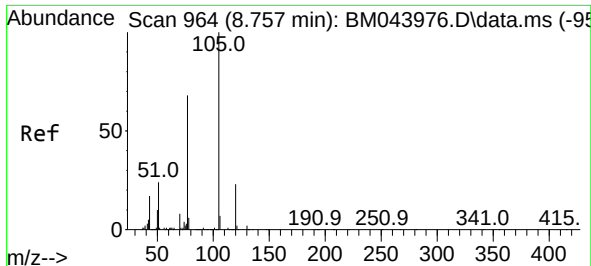
Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.728 min Scan# 1299  
Delta R.T. -0.000 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

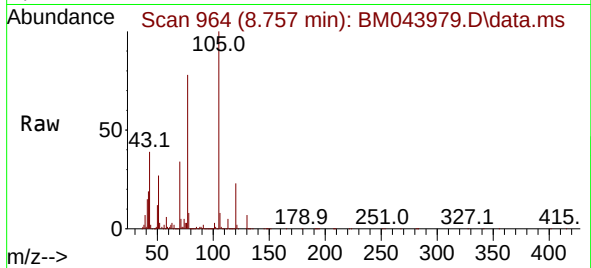
Tgt Ion:136 Resp: 1321154  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.8 13.2  
54 7.8 6.5 9.7  
68 6.0 4.7 7.1





#22  
Acetophenone  
Concen: 80.847 ng  
RT: 8.757 min Scan# 90  
Delta R.T. 0.000 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

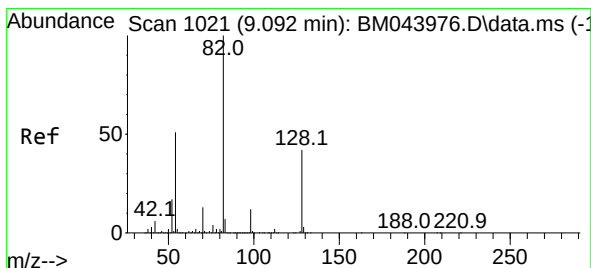
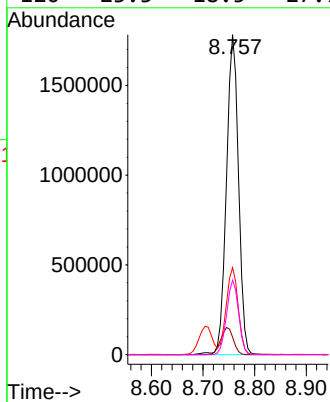
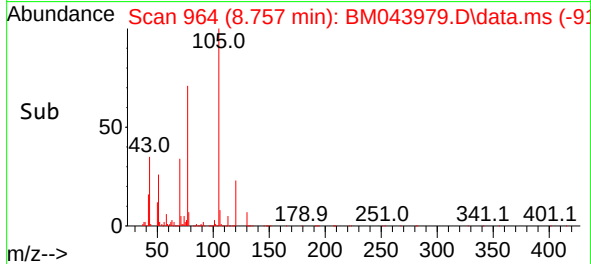
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080



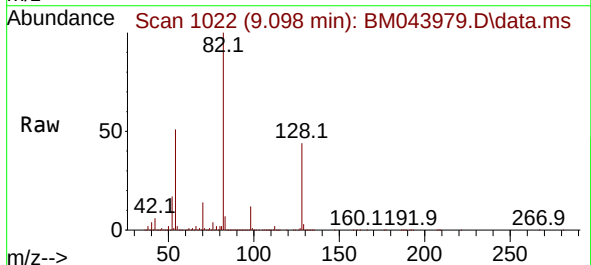
Tgt Ion:105 Resp: 2894138  
Ion Ratio Lower Upper  
105 100  
71 5.5 1.6 2.4  
51 27.2 21.8 32.6  
120 23.3 18.5 27.7

Manual Integrations  
APPROVED

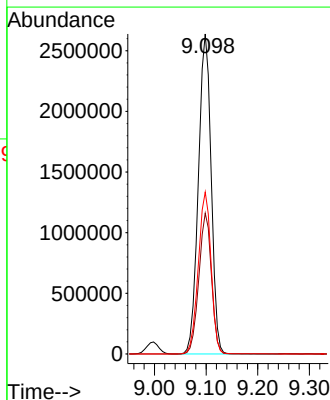
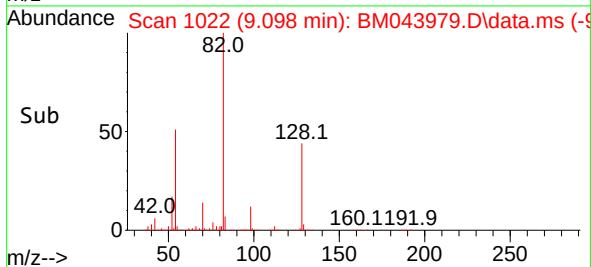
Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024

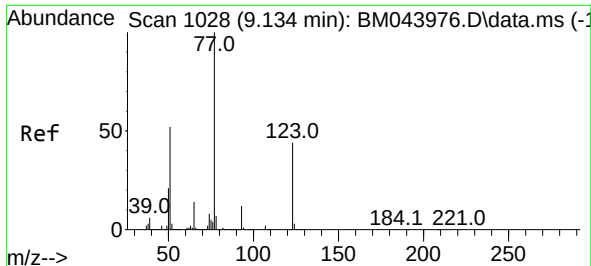


#23  
Nitrobenzene-d5  
Concen: 165.245 ng  
RT: 9.098 min Scan# 1022  
Delta R.T. 0.006 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49



Tgt Ion: 82 Resp: 4528829  
Ion Ratio Lower Upper  
82 100  
128 44.0 33.9 50.9  
54 50.6 41.1 61.7





#24  
Nitrobenzene  
Concen: 81.167 ng  
RT: 9.140 min Scan# 1029  
Delta R.T. 0.006 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

Instrument :

BNA\_M

ClientSampleId :

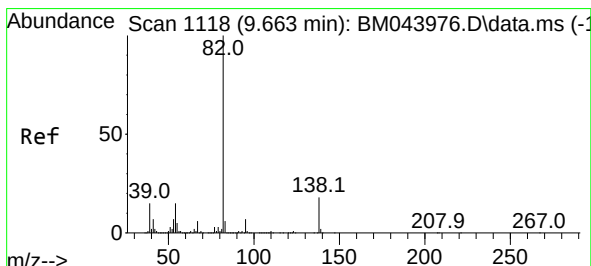
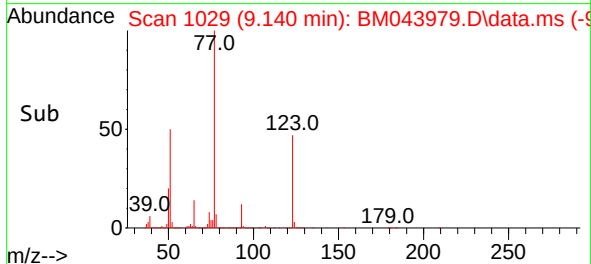
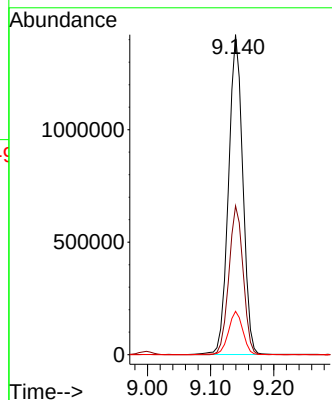
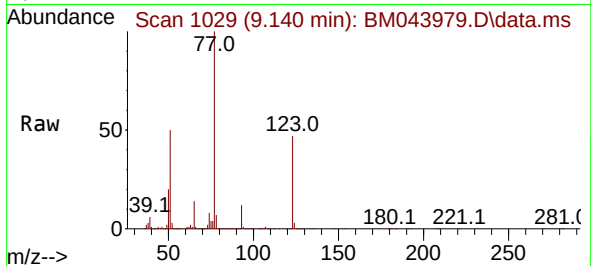
SSTDICC080

Tgt Ion: 77 Resp: 2231914  
Ion Ratio Lower Upper  
77 100  
123 46.5 35.3 52.9  
65 13.6 10.9 16.3

Manual Integrations

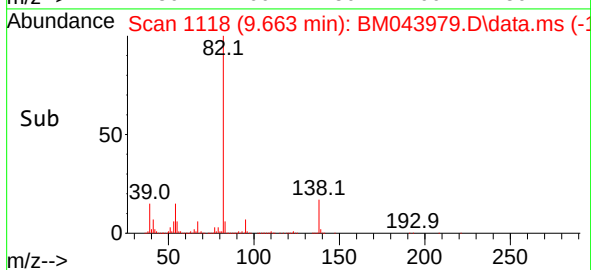
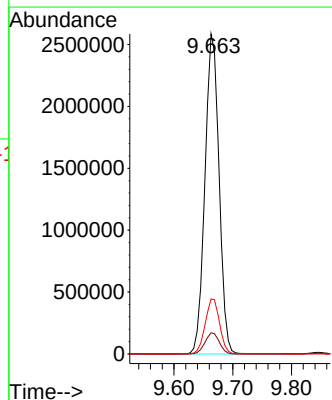
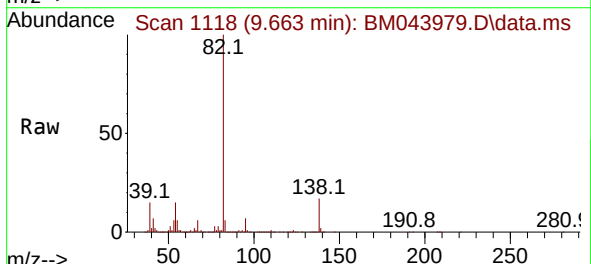
APPROVED

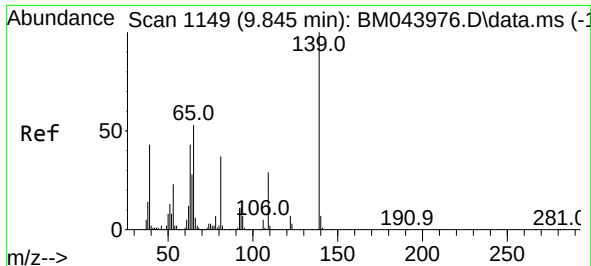
Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024



#25  
Isophorone  
Concen: 84.311 ng  
RT: 9.663 min Scan# 1118  
Delta R.T. 0.000 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

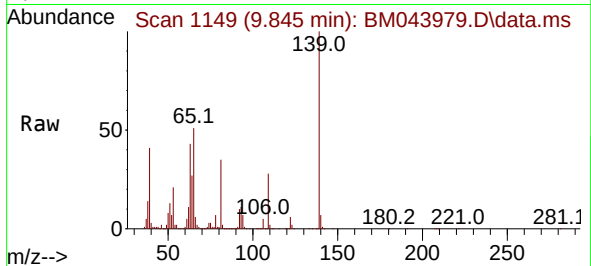
Tgt Ion: 82 Resp: 4301502  
Ion Ratio Lower Upper  
82 100  
95 6.6 5.6 8.4  
138 17.2 14.2 21.2





#26  
2-Nitrophenol  
Concen: 91.911 ng  
RT: 9.845 min Scan# 1149  
Delta R.T. 0.000 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

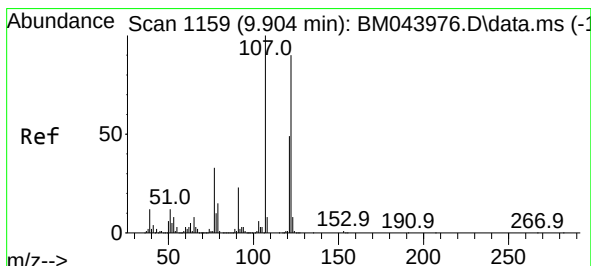
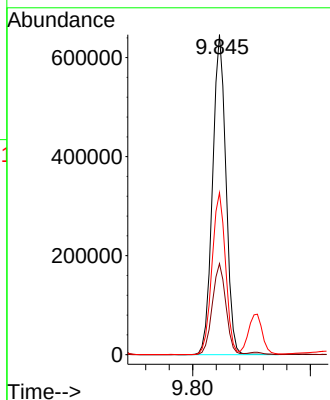
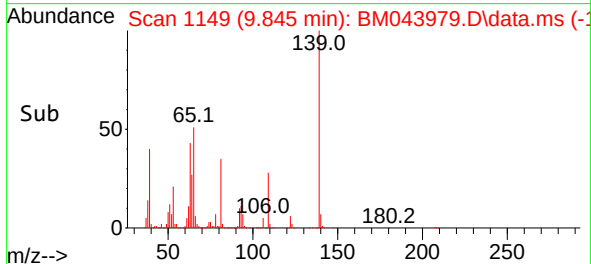
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080



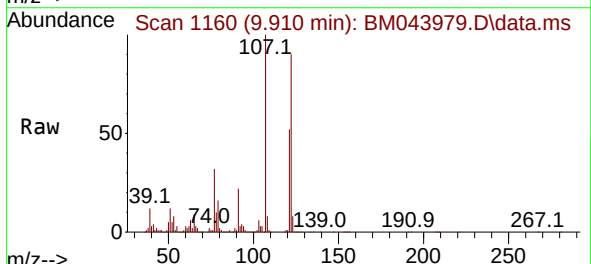
Tgt Ion:139 Resp: 1021460  
Ion Ratio Lower Upper  
139 100  
109 28.5 23.3 34.9  
65 50.6 42.5 63.7

Manual Integrations  
APPROVED

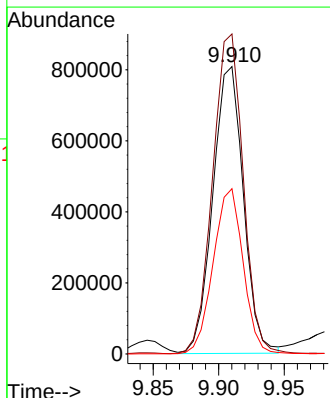
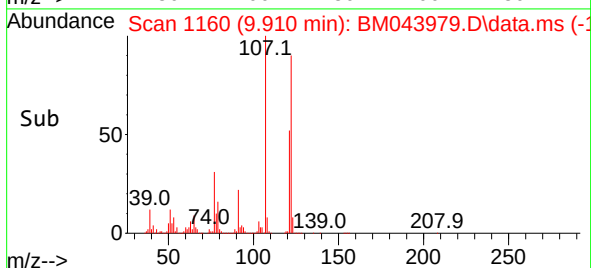
Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024



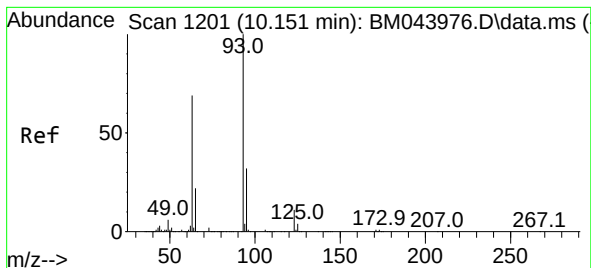
#27  
2,4-Dimethylphenol  
Concen: 85.939 ng  
RT: 9.910 min Scan# 1160  
Delta R.T. 0.006 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49



Tgt Ion:122 Resp: 1311426  
Ion Ratio Lower Upper  
122 100  
107 111.3 89.0 133.4  
121 57.5 43.4 65.0

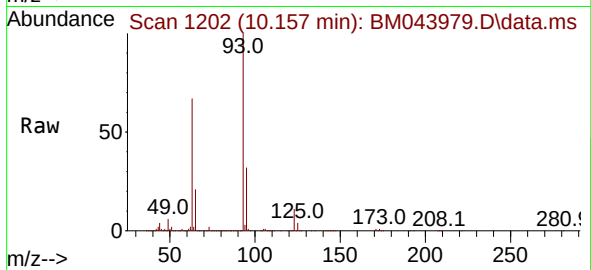






#28  
bis(2-Chloroethoxy)methane  
Concen: 80.784 ng  
RT: 10.157 min Scan# 1201  
Delta R.T. 0.006 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

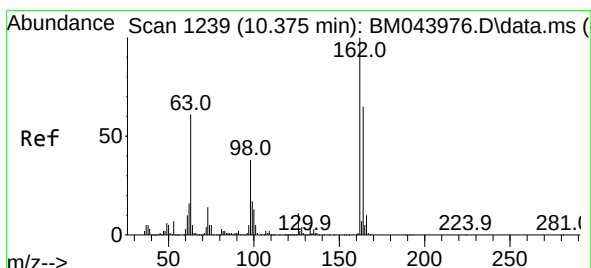
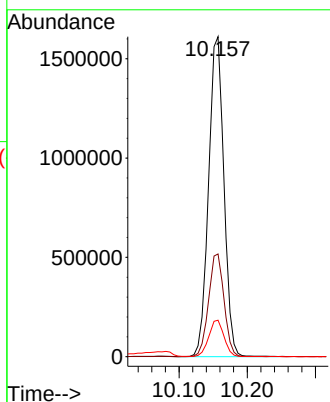
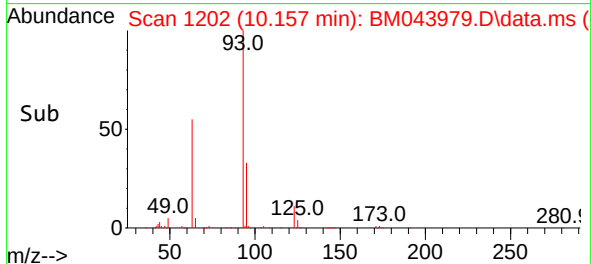
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080



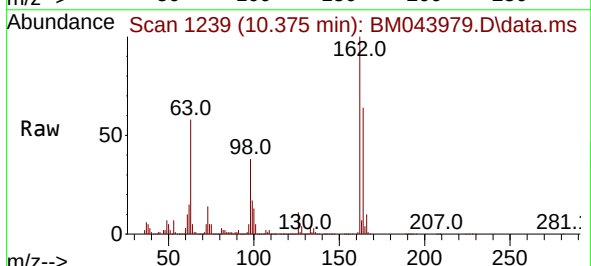
Tgt Ion: 93 Resp: 251694  
Ion Ratio Lower Upper  
93 100  
95 32.1 25.9 38.9  
123 11.4 9.1 13.7

Manual Integrations  
APPROVED

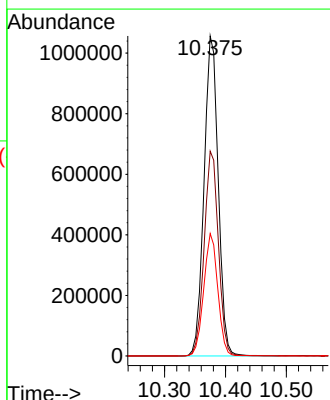
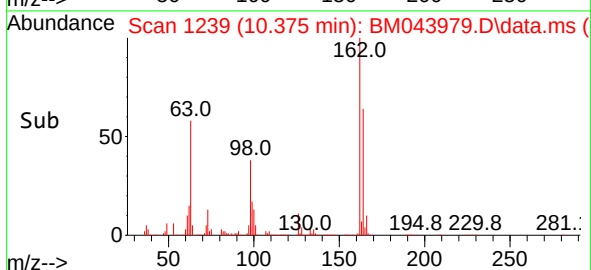
Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024

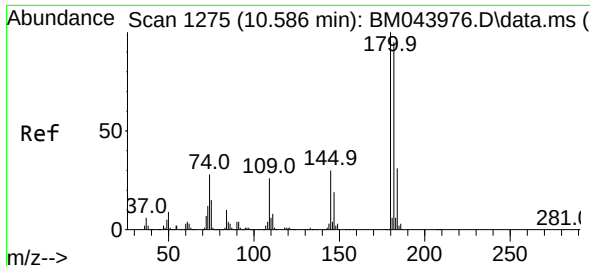


#29  
2,4-Dichlorophenol  
Concen: 88.100 ng  
RT: 10.375 min Scan# 1239  
Delta R.T. 0.000 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49



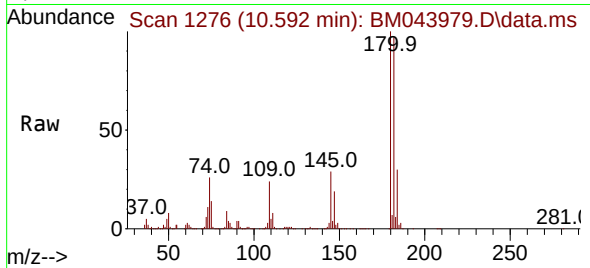
Tgt Ion:162 Resp: 1714767  
Ion Ratio Lower Upper  
162 100  
164 64.0 45.1 85.1  
98 38.3 17.8 57.8





#30  
1,2,4-Trichlorobenzene  
Concen: 81.571 ng  
RT: 10.592 min Scan# 1276  
Delta R.T. 0.006 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

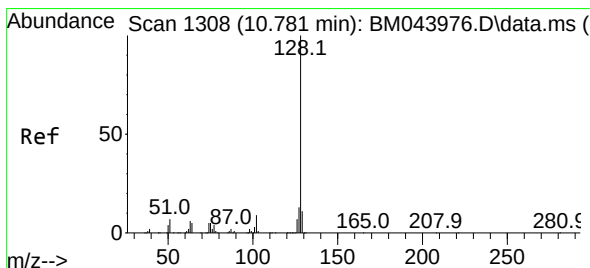
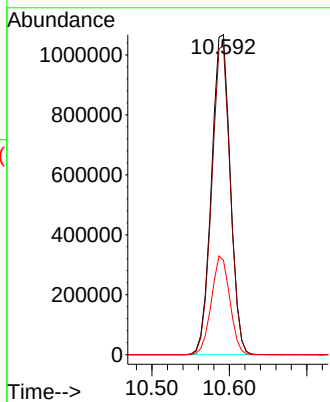
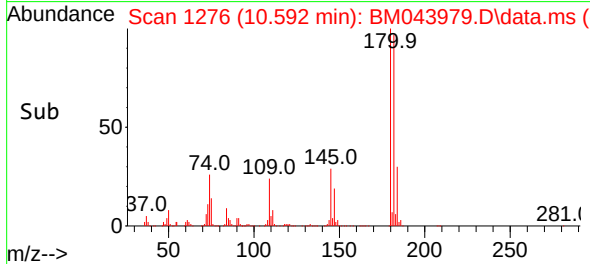
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080



Tgt Ion:180 Resp: 1793204  
Ion Ratio Lower Upper  
180 100  
182 96.5 76.0 114.0  
145 29.4 24.2 36.2

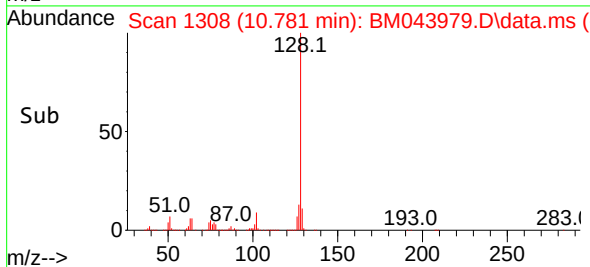
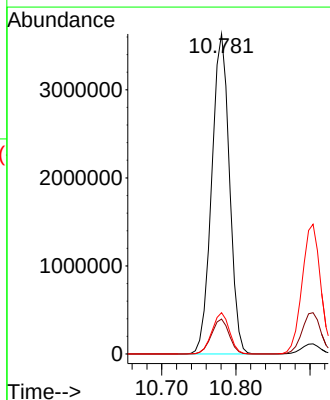
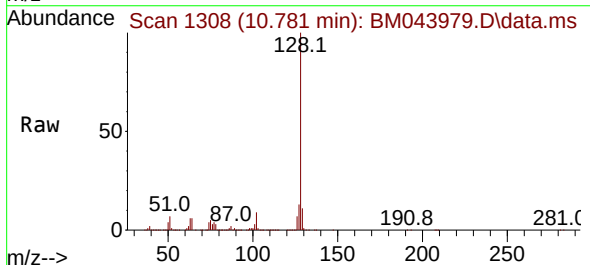
Manual Integrations  
APPROVED

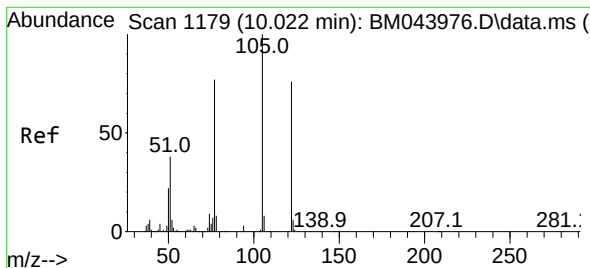
Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024



#31  
Naphthalene  
Concen: 81.811 ng  
RT: 10.781 min Scan# 1308  
Delta R.T. 0.000 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

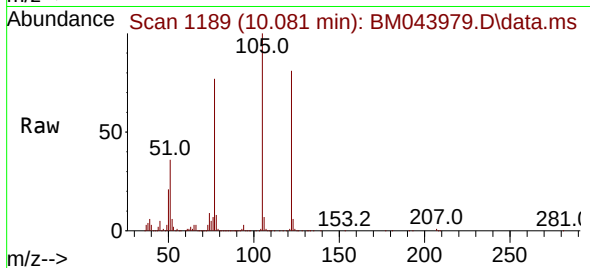
Tgt Ion:128 Resp: 6024452  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.4 12.6  
127 12.9 10.1 15.1





#32  
Benzoic acid  
Concen: 81.521 ng  
RT: 10.081 min Scan# 1179  
Delta R.T. 0.059 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

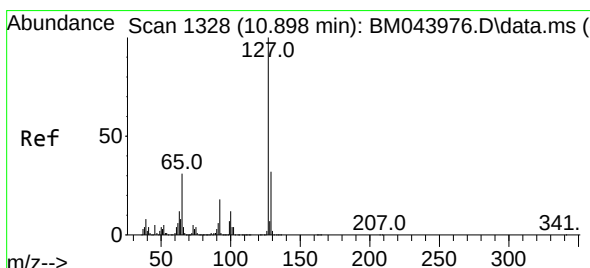
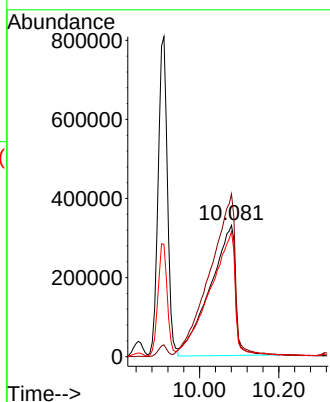
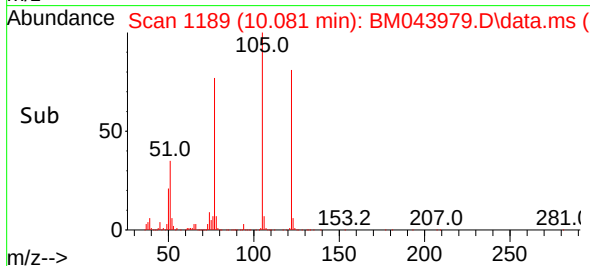
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080



Tgt Ion:122 Resp: 1462519  
Ion Ratio Lower Upper  
122 100  
105 123.8 109.4 149.4  
77 95.1 80.5 120.5

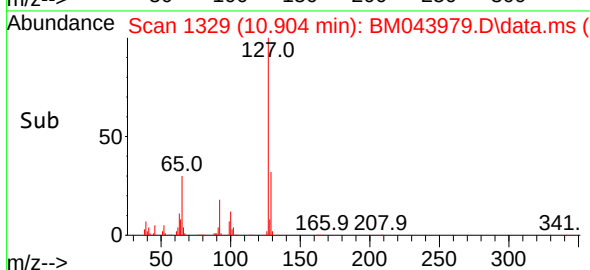
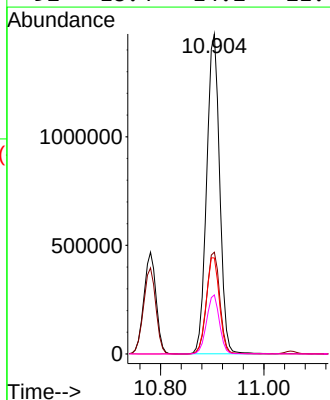
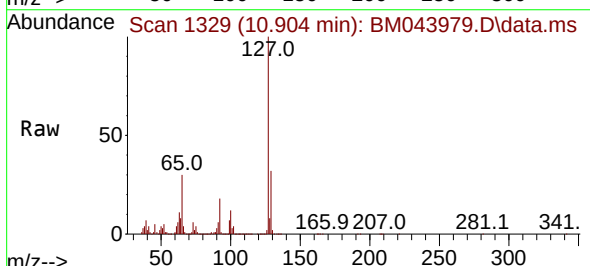
Manual Integrations  
APPROVED

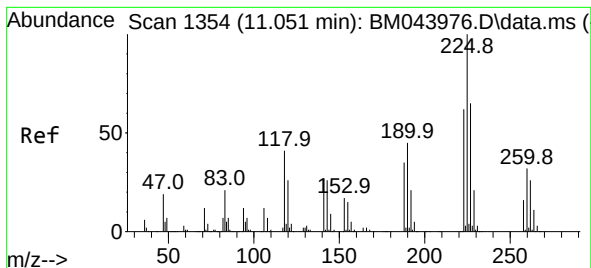
Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024



#33  
4-Chloroaniline  
Concen: 84.920 ng  
RT: 10.904 min Scan# 1329  
Delta R.T. 0.006 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

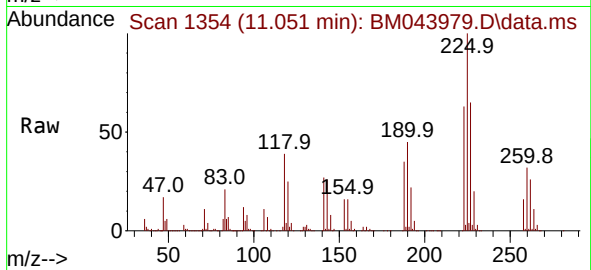
Tgt Ion:127 Resp: 2570301  
Ion Ratio Lower Upper  
127 100  
129 31.8 25.6 38.4  
65 30.0 24.5 36.7  
92 18.4 14.2 21.4





#34  
Hexachlorobutadiene  
Concen: 80.418 ng  
RT: 11.051 min Scan# 11051  
Delta R.T. 0.000 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

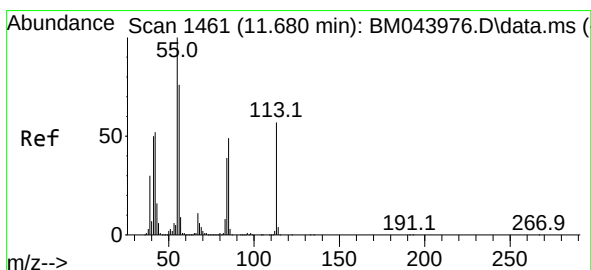
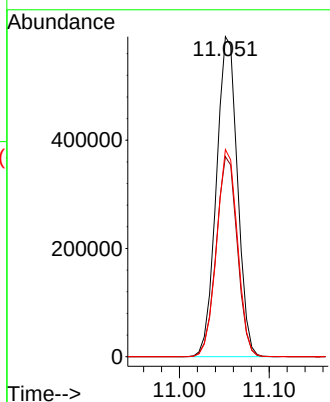
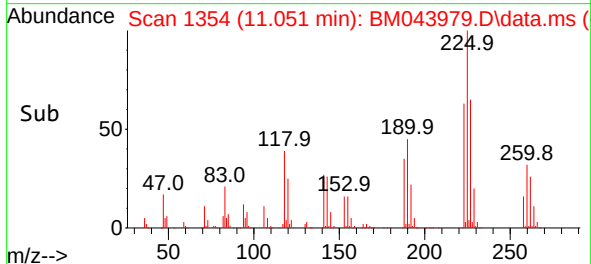
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080



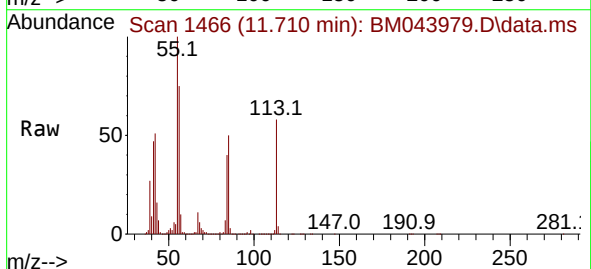
Tgt Ion:225 Resp: 96419  
Ion Ratio Lower Upper  
225 100  
223 62.5 49.8 74.8  
227 64.8 51.7 77.5

Manual Integrations  
APPROVED

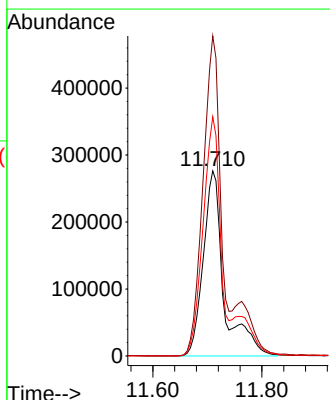
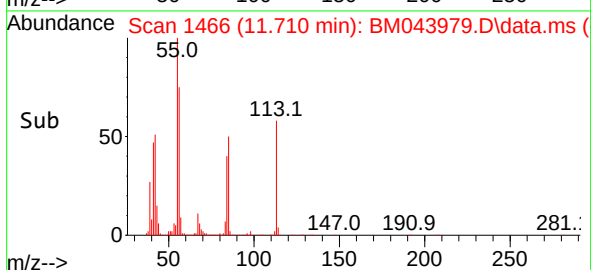
Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024

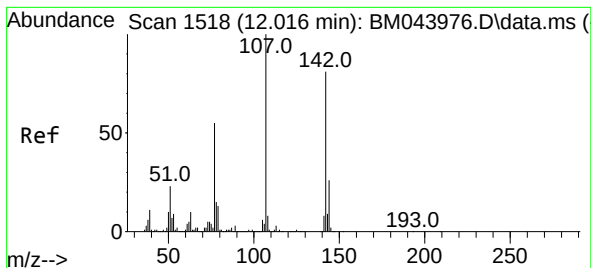


#35  
Caprolactam  
Concen: 90.838 ng m  
RT: 11.710 min Scan# 1466  
Delta R.T. 0.029 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49



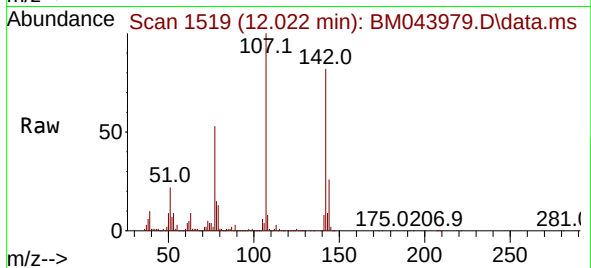
Tgt Ion:113 Resp: 724930  
Ion Ratio Lower Upper  
113 100  
55 172.8 154.3 194.3  
56 129.2 112.2 152.2





#36  
4-Chloro-3-methylphenol  
Concen: 86.329 ng  
RT: 12.022 min Scan# 1519  
Delta R.T. 0.006 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

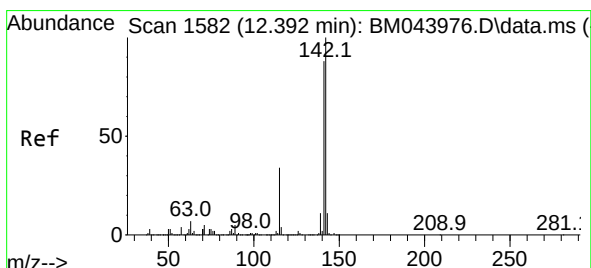
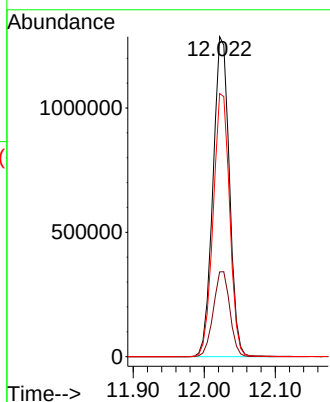
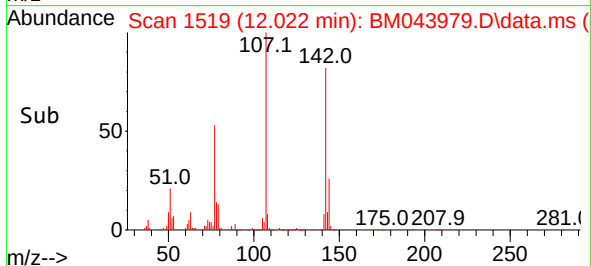
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080



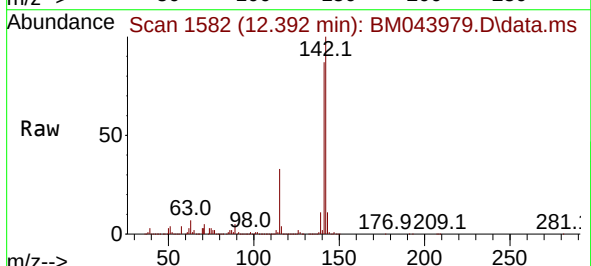
Tgt Ion:107 Resp: 2057640  
Ion Ratio Lower Upper  
107 100  
144 26.5 21.1 31.7  
142 82.3 65.0 97.4

Manual Integrations  
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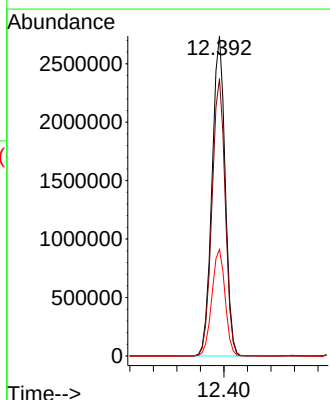
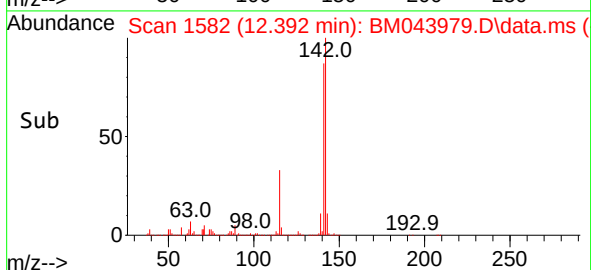
Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024

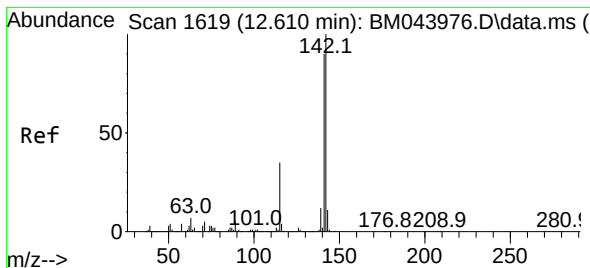


#37  
2-Methylnaphthalene  
Concen: 82.561 ng  
RT: 12.392 min Scan# 1582  
Delta R.T. 0.000 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49



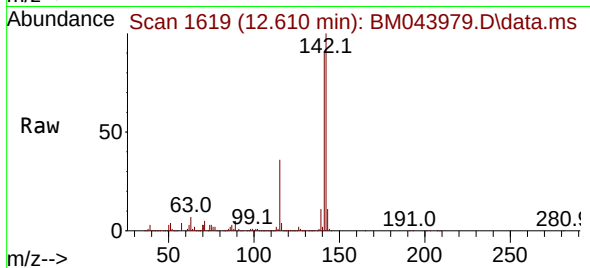
Tgt Ion:142 Resp: 4239743  
Ion Ratio Lower Upper  
142 100  
141 86.6 70.2 105.2  
115 33.3 27.2 40.8





#38  
1-Methylnaphthalene  
Concen: 82.225 ng  
RT: 12.610 min Scan# 1619  
Delta R.T. 0.000 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

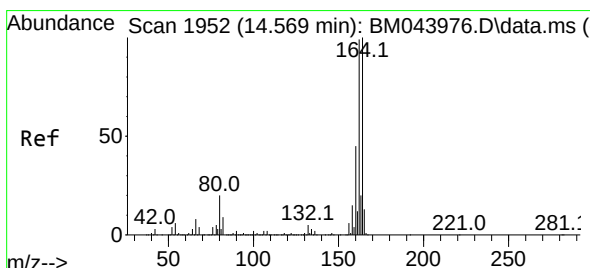
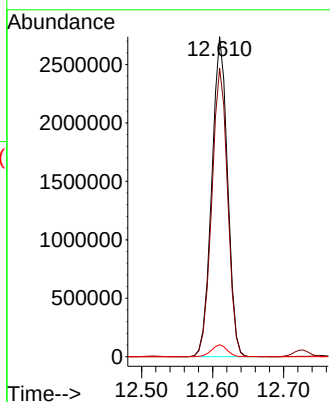
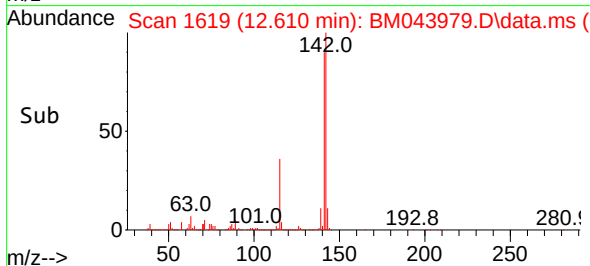
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080



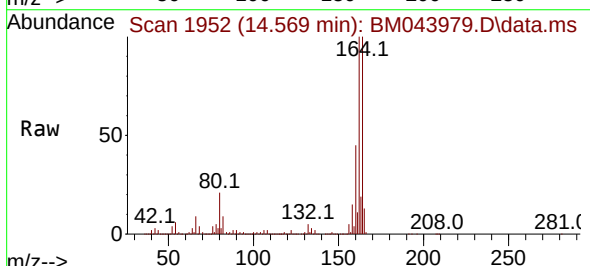
Tgt Ion:142 Resp: 421520  
Ion Ratio Lower Upper  
142 100  
141 90.1 72.1 108.1  
116 3.8 2.9 4.3

Manual Integrations  
APPROVED

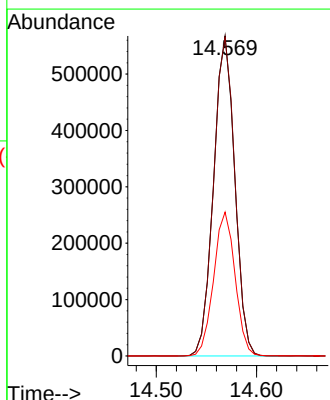
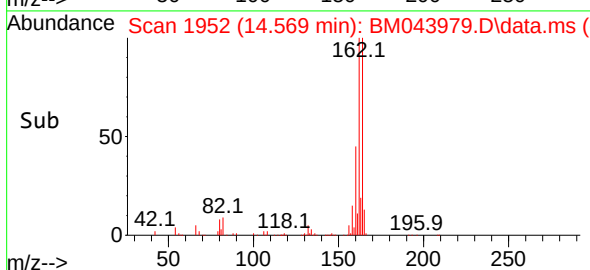
Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024

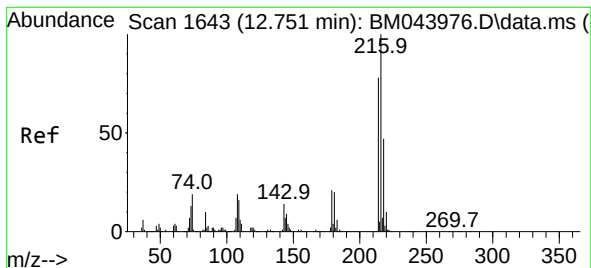


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.569 min Scan# 1952  
Delta R.T. -0.000 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49



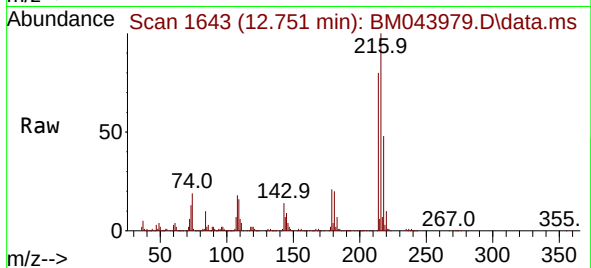
Tgt Ion:164 Resp: 830490  
Ion Ratio Lower Upper  
164 100  
162 99.6 79.0 118.4  
160 44.9 35.8 53.8





#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 82.549 ng  
RT: 12.751 min Scan# 1643  
Delta R.T. 0.000 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

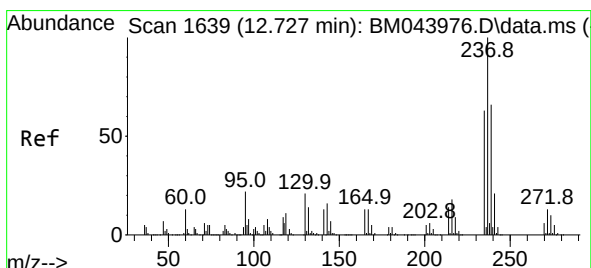
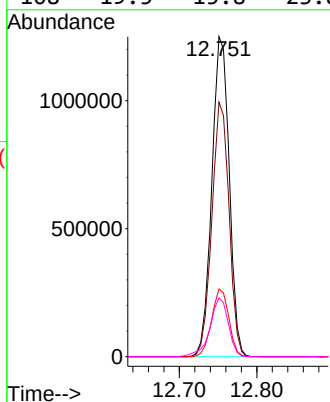
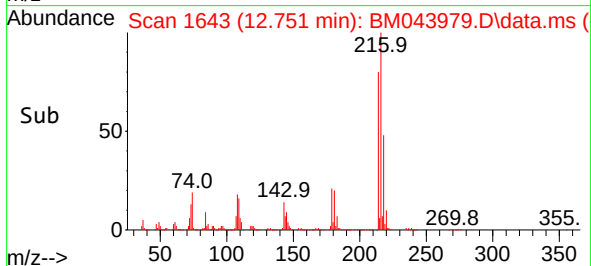
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080



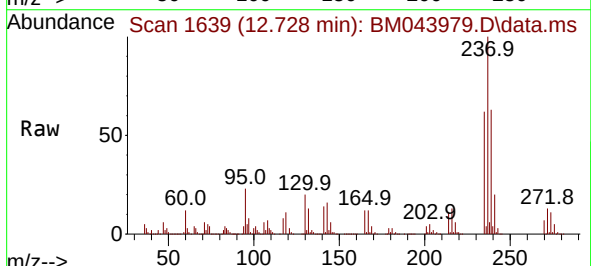
Tgt Ion:216 Resp: 1944388  
Ion Ratio Lower Upper  
216 100  
214 78.6 62.6 94.0  
179 21.0 16.7 25.1  
108 19.5 15.8 23.8

Manual Integrations  
APPROVED

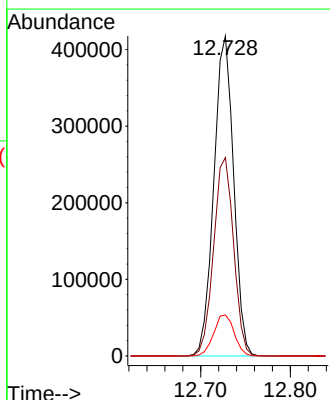
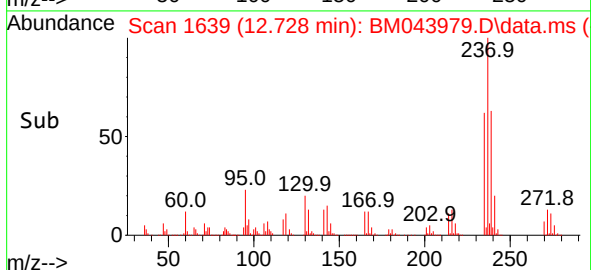
Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024

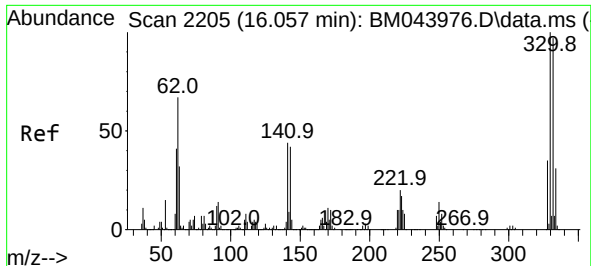


#41  
Hexachlorocyclopentadiene  
Concen: 82.514 ng  
RT: 12.728 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49



Tgt Ion:237 Resp: 639223  
Ion Ratio Lower Upper  
237 100  
235 62.0 43.5 83.5  
272 12.8 0.0 33.2





#42  
2,4,6-Tribromophenol  
Concen: 174.994 ng  
RT: 16.063 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

Instrument :

BNA\_M

ClientSampleId :

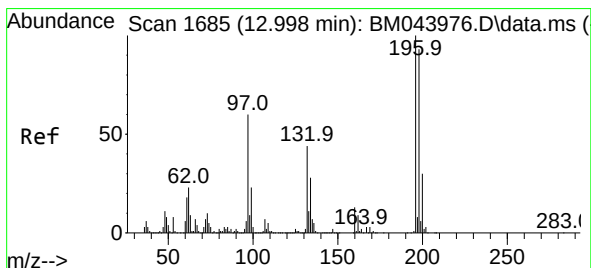
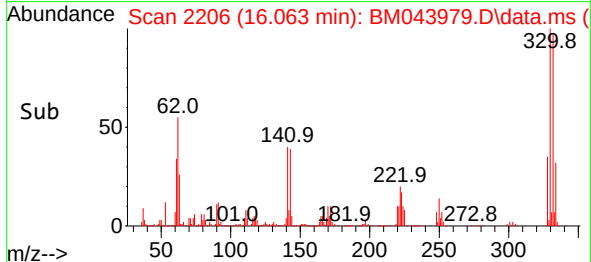
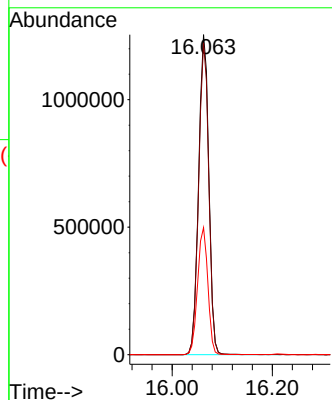
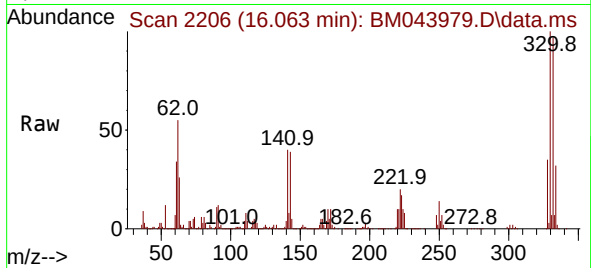
SSTDICC080

Tgt Ion:330 Resp: 177156  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.6 116.4  
141 39.9 33.5 50.3

Manual Integrations

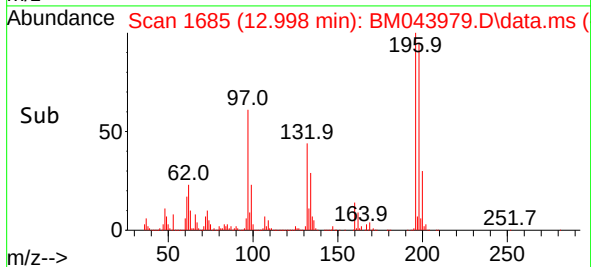
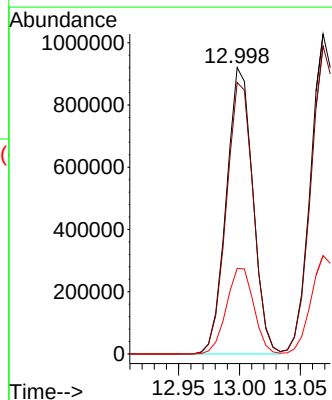
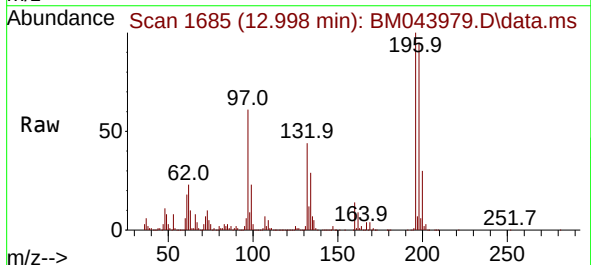
APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024

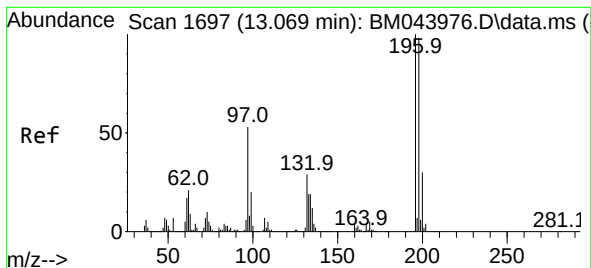


#43  
2,4,6-Trichlorophenol  
Concen: 87.730 ng  
RT: 12.998 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

Tgt Ion:196 Resp: 1396482  
Ion Ratio Lower Upper  
196 100  
198 94.8 74.2 111.2  
200 29.8 23.8 35.8

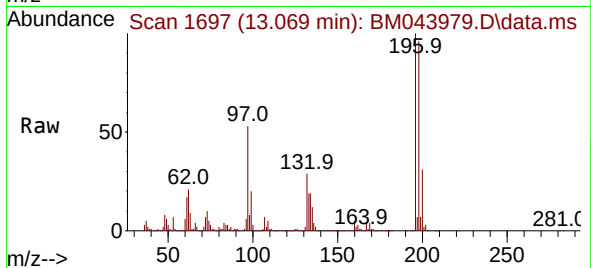






#44  
2,4,5-Trichlorophenol  
Concen: 87.278 ng  
RT: 13.069 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

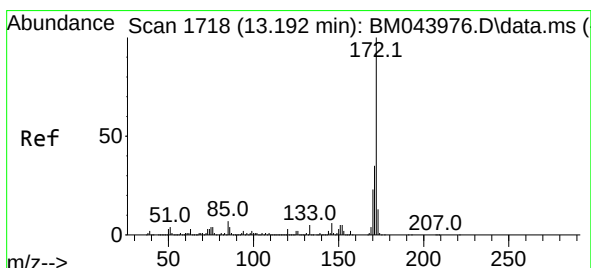
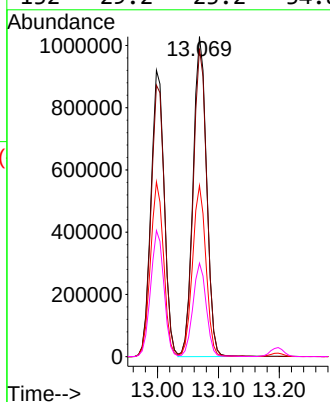
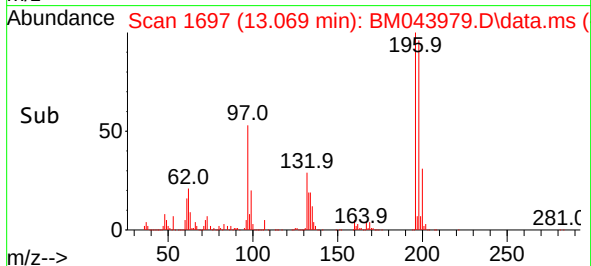
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080



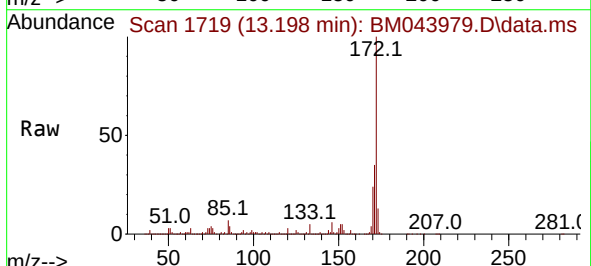
Tgt Ion:196 Resp: 158504  
Ion Ratio Lower Upper  
196 100  
198 96.3 78.1 117.1  
97 53.5 42.2 63.2  
132 29.2 23.2 34.8

Manual Integrations  
APPROVED

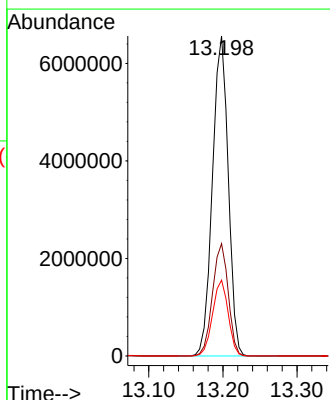
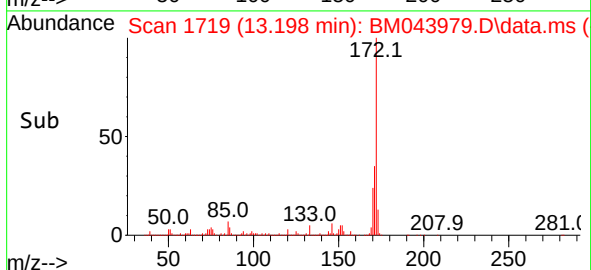
Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024

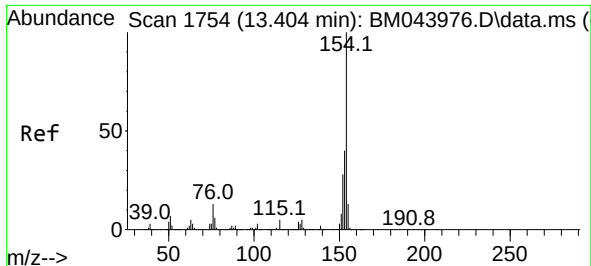


#45  
2-Fluorobiphenyl  
Concen: 160.276 ng  
RT: 13.198 min Scan# 1719  
Delta R.T. 0.006 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49



Tgt Ion:172 Resp: 9687120  
Ion Ratio Lower Upper  
172 100  
171 35.1 27.9 41.9  
170 23.7 18.6 28.0





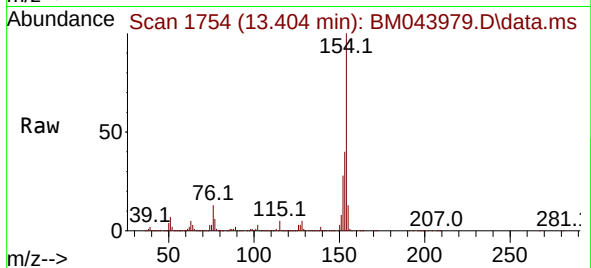
#46  
1,1'-Biphenyl  
Concen: 81.435 ng  
RT: 13.404 min Scan# 1754  
Delta R.T. 0.000 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

Instrument :

BNA\_M

ClientSampleId :

SSTDICC080

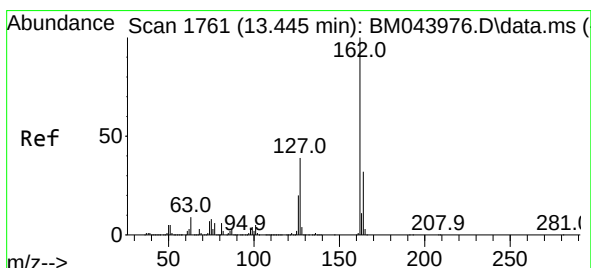
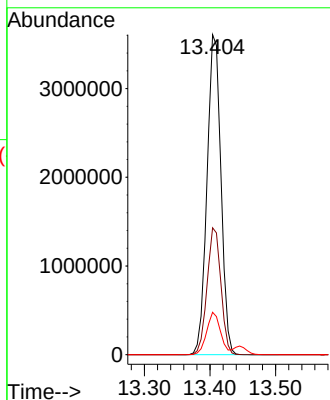
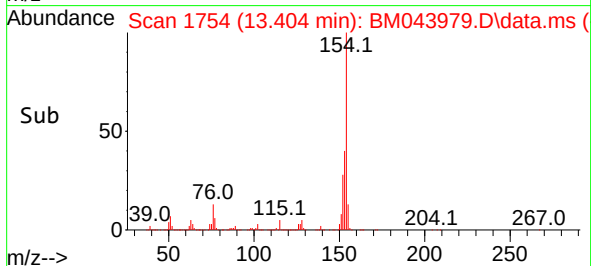


Tgt Ion:154 Resp: 531836  
Ion Ratio Lower Upper  
154 100  
153 39.6 19.8 59.8  
76 13.3 0.0 33.0

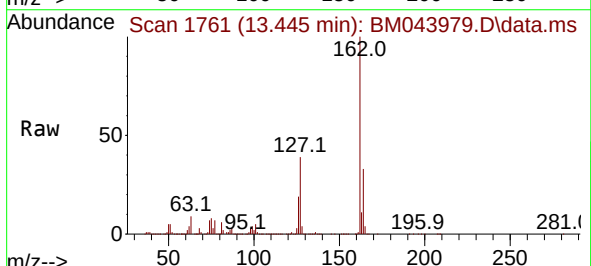
Manual Integrations

APPROVED

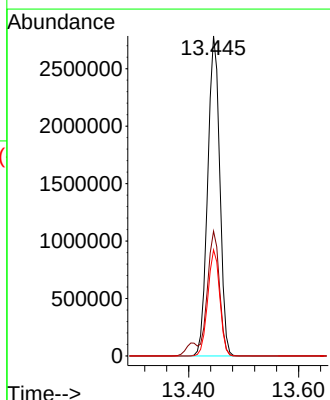
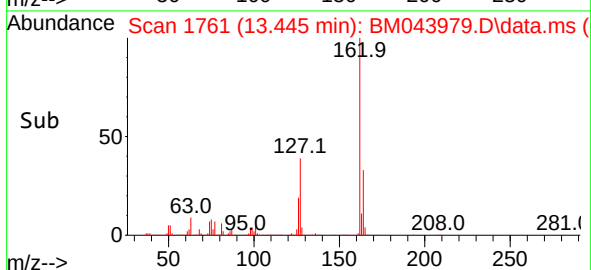
Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024

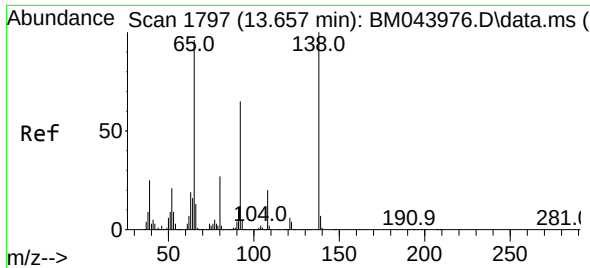


#47  
2-Chloronaphthalene  
Concen: 81.373 ng  
RT: 13.445 min Scan# 1761  
Delta R.T. 0.000 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49



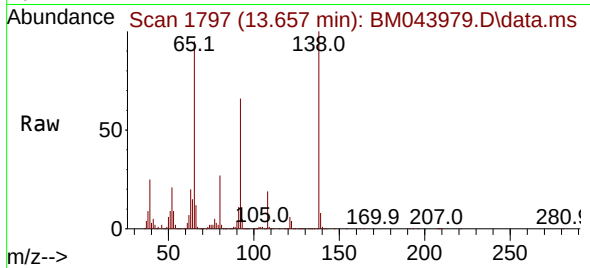
Tgt Ion:162 Resp: 4238191  
Ion Ratio Lower Upper  
162 100  
127 39.0 31.0 46.6  
164 33.2 25.8 38.6





#48  
2-Nitroaniline  
Concen: 87.633 ng  
RT: 13.657 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

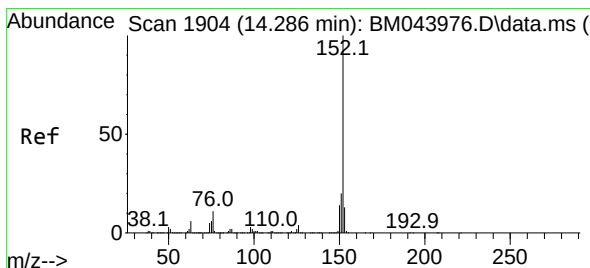
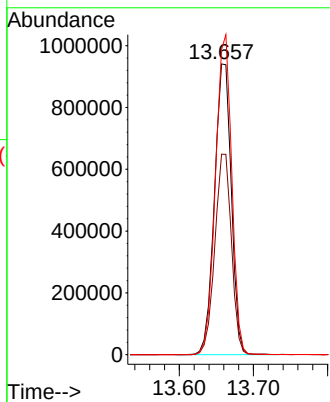
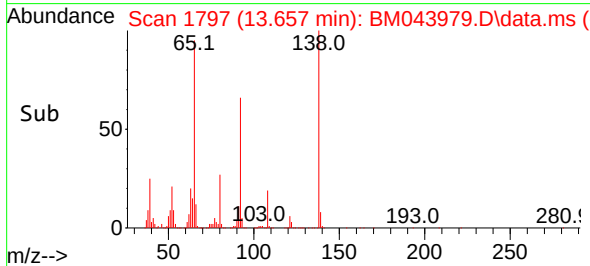
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080



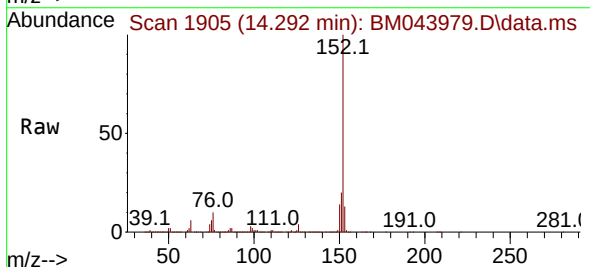
Tgt Ion: 65 Resp: 1484470  
Ion Ratio Lower Upper  
65 100  
92 69.0 53.6 80.4  
138 104.9 83.0 124.6

Manual Integrations  
APPROVED

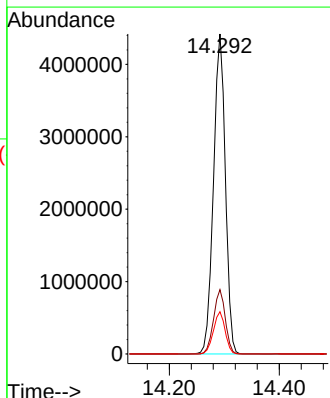
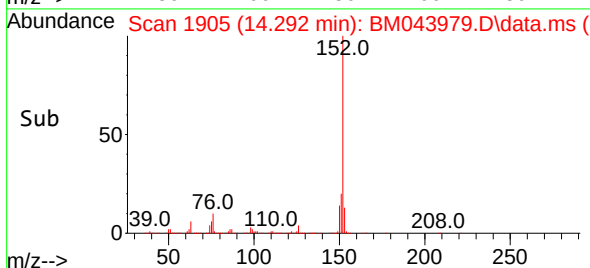
Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024

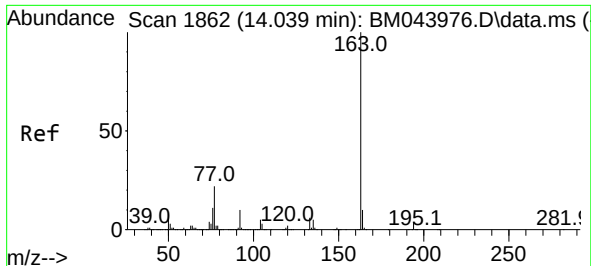


#49  
Acenaphthylene  
Concen: 83.317 ng  
RT: 14.292 min Scan# 1905  
Delta R.T. 0.006 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49



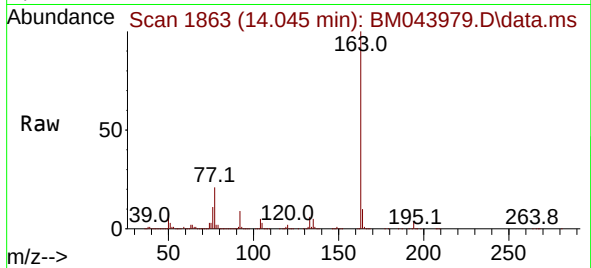
Tgt Ion:152 Resp: 6633313  
Ion Ratio Lower Upper  
152 100  
151 20.1 15.9 23.9  
153 13.2 10.4 15.6





#50  
Dimethylphthalate  
Concen: 81.079 ng  
RT: 14.045 min Scan# 1863  
Delta R.T. 0.006 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

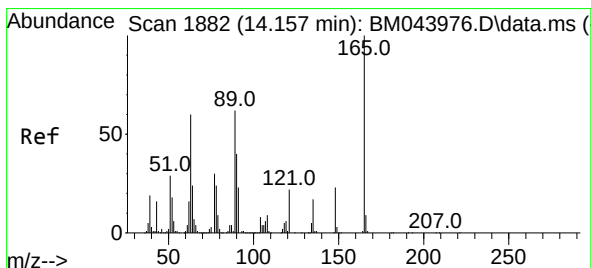
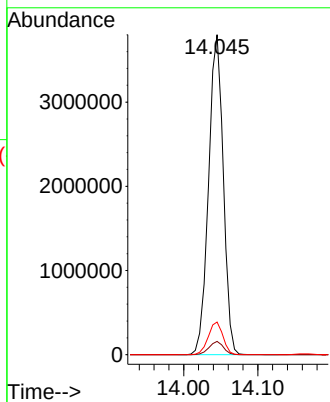
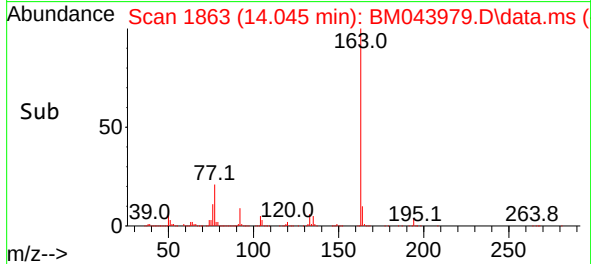
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080



Tgt Ion:163 Resp: 5230298  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.1 4.7  
164 10.2 8.0 12.0

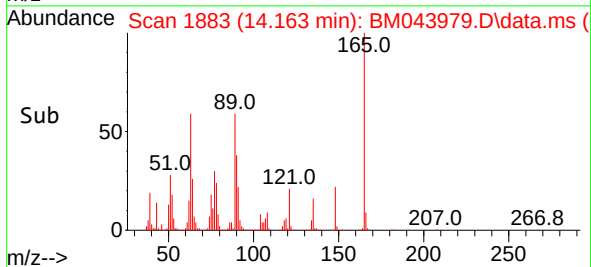
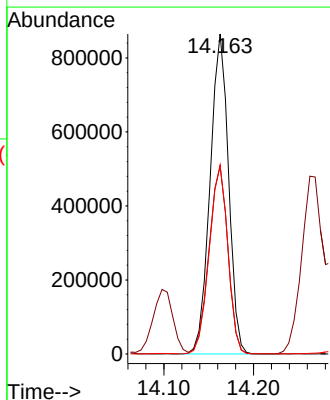
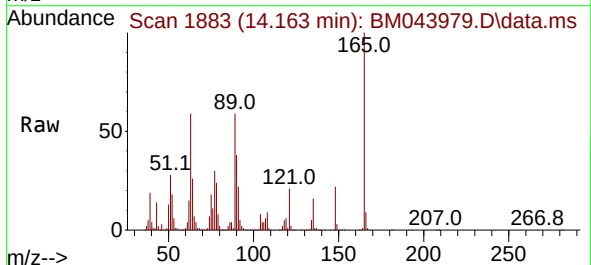
Manual Integrations  
APPROVED

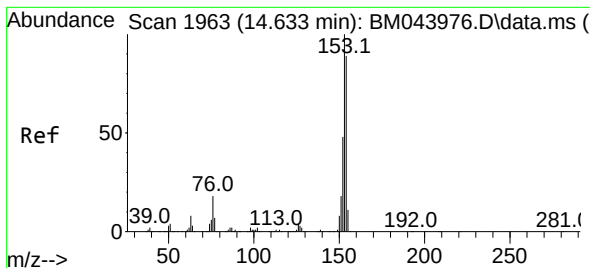
Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024



#51  
2,6-Dinitrotoluene  
Concen: 87.003 ng  
RT: 14.163 min Scan# 1883  
Delta R.T. 0.006 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

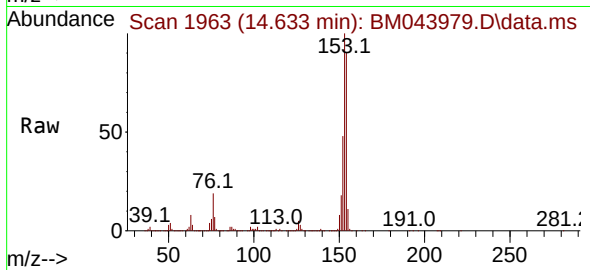
Tgt Ion:165 Resp: 1233691  
Ion Ratio Lower Upper  
165 100  
63 58.7 51.1 76.7  
89 59.0 49.5 74.3





#52  
Acenaphthene  
Concen: 82.224 ng  
RT: 14.633 min Scan# 1963  
Delta R.T. 0.000 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

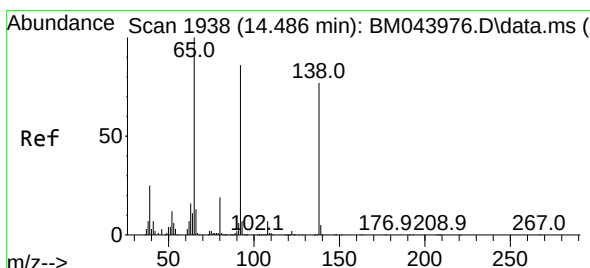
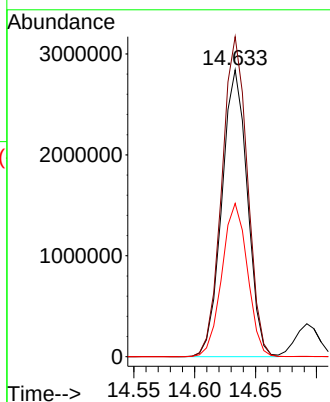
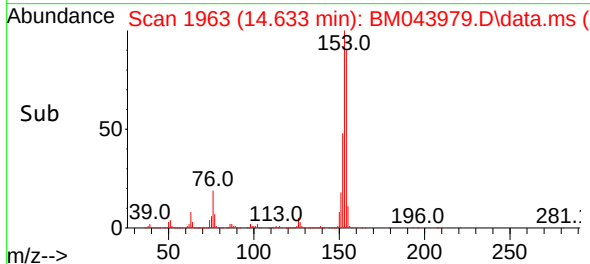
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080



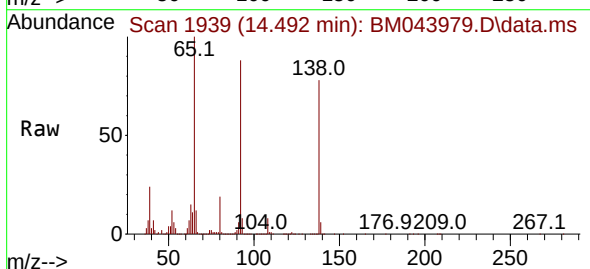
Tgt Ion:154 Resp: 414987  
Ion Ratio Lower Upper  
154 100  
153 111.6 90.1 135.1  
152 53.4 43.6 65.4

Manual Integrations  
APPROVED

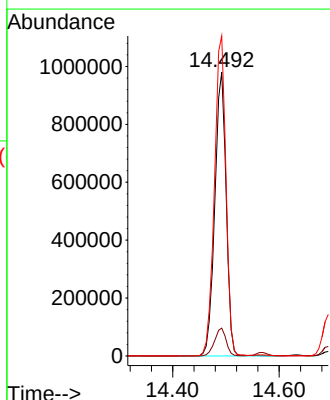
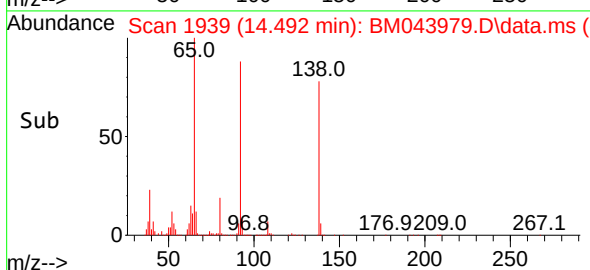
Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024

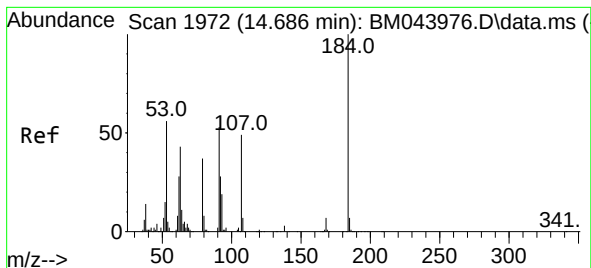


#53  
3-Nitroaniline  
Concen: 87.928 ng  
RT: 14.492 min Scan# 1939  
Delta R.T. 0.006 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49



Tgt Ion:138 Resp: 1447435  
Ion Ratio Lower Upper  
138 100  
108 9.8 7.8 11.6  
92 112.7 89.7 134.5





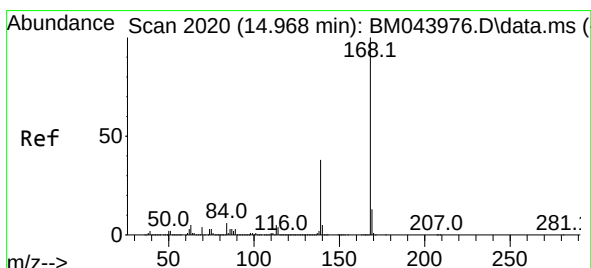
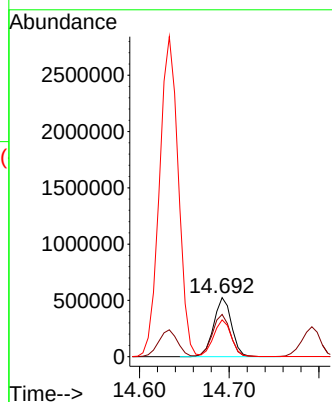
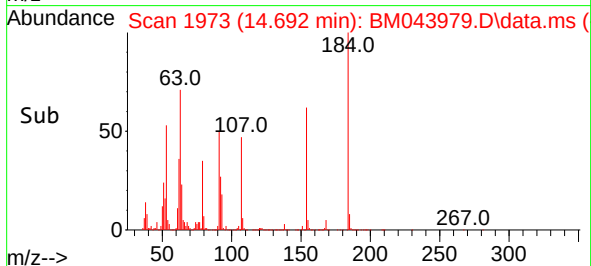
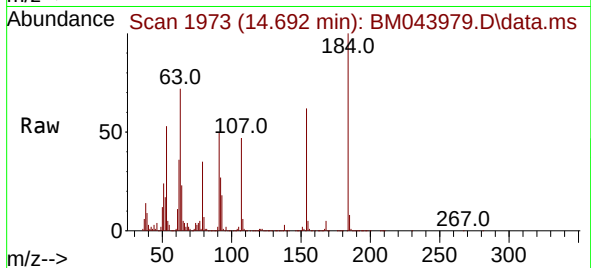
#54  
2,4-Dinitrophenol  
Concen: 81.916 ng  
RT: 14.692 min Scan# 1972  
Delta R.T. 0.006 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080

Tgt Ion:184 Resp: 72155  
Ion Ratio Lower Upper  
184 100  
63 71.5 62.8 94.2  
154 62.3 51.4 77.2

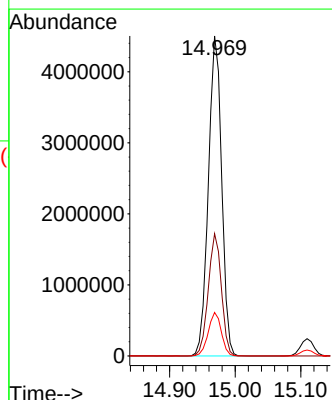
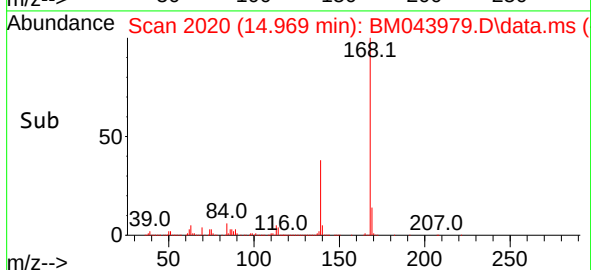
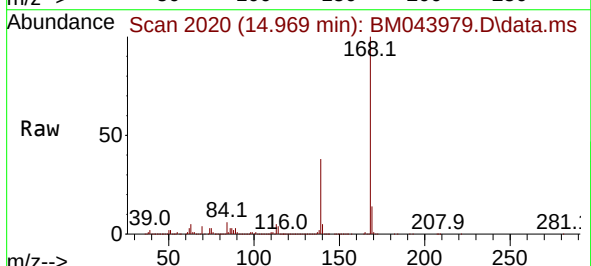
Manual Integrations  
APPROVED

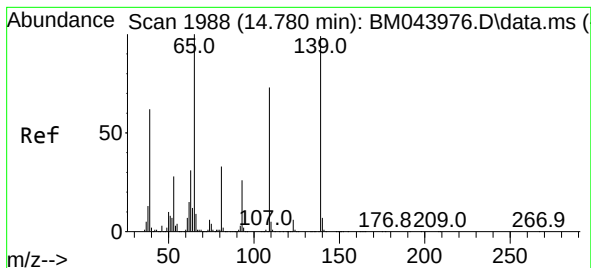
Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024



#55  
Dibenzofuran  
Concen: 80.898 ng  
RT: 14.969 min Scan# 2020  
Delta R.T. 0.000 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

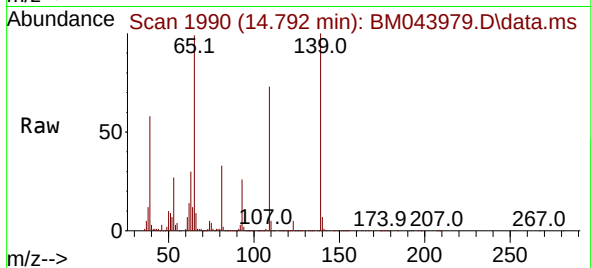
Tgt Ion:168 Resp: 6354110  
Ion Ratio Lower Upper  
168 100  
139 38.2 30.7 46.1  
169 13.6 10.5 15.7





#56  
4-Nitrophenol  
Concen: 89.170 ng  
RT: 14.792 min Scan# 1988  
Delta R.T. 0.012 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

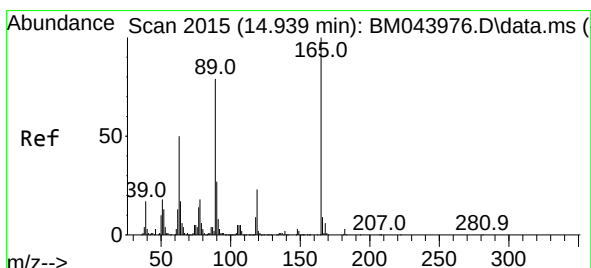
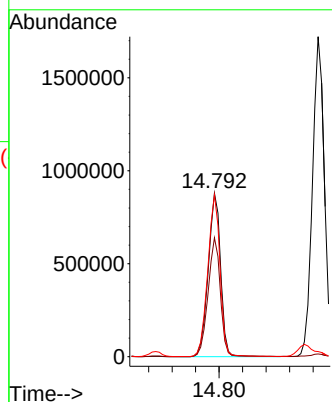
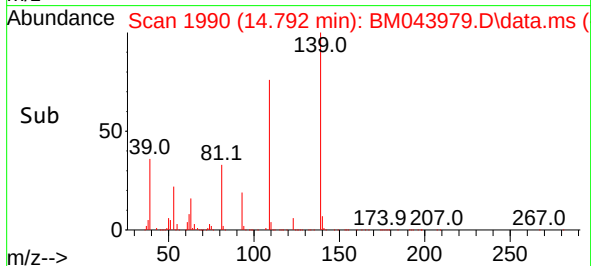
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080



Tgt Ion:139 Resp: 1282770  
Ion Ratio Lower Upper  
139 100  
109 72.7 53.2 93.2  
65 99.1 80.7 120.7

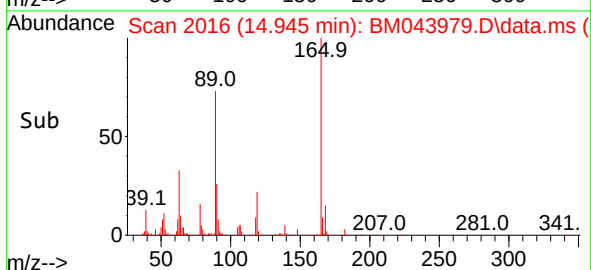
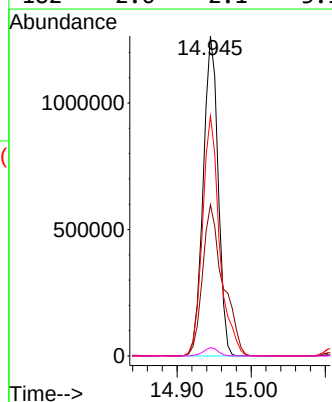
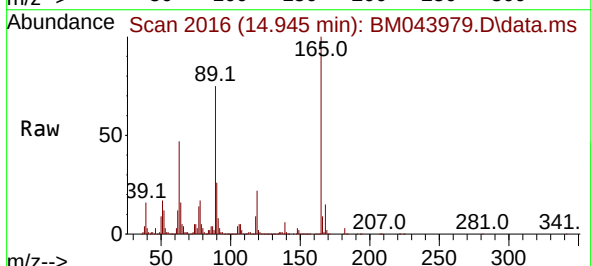
Manual Integrations  
APPROVED

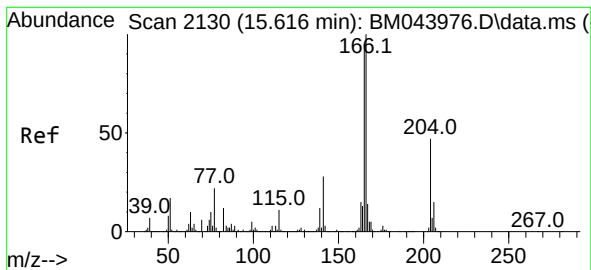
Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024



#57  
2,4-Dinitrotoluene  
Concen: 89.737 ng  
RT: 14.945 min Scan# 2016  
Delta R.T. 0.006 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

Tgt Ion:165 Resp: 1771300  
Ion Ratio Lower Upper  
165 100  
63 47.3 40.2 60.4  
89 75.0 63.3 94.9  
182 2.6 2.1 3.1





#58

Fluorene

Concen: 81.229 ng

RT: 15.621 min Scan# 2131

Delta R.T. 0.006 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

Instrument :

BNA\_M

ClientSampleId :

SSTDICC080

Tgt Ion:166 Resp: 5387958

Ion Ratio Lower Upper

166 100

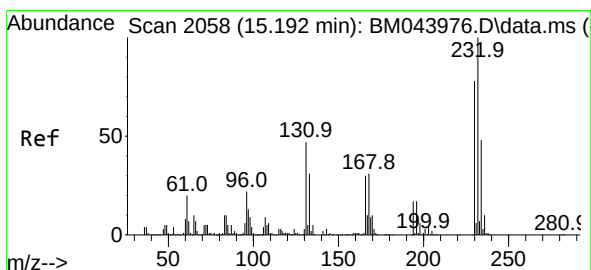
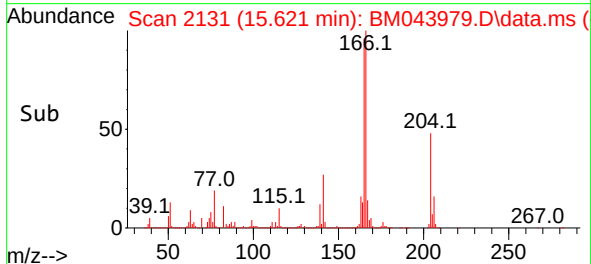
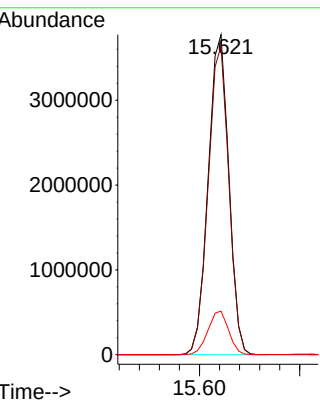
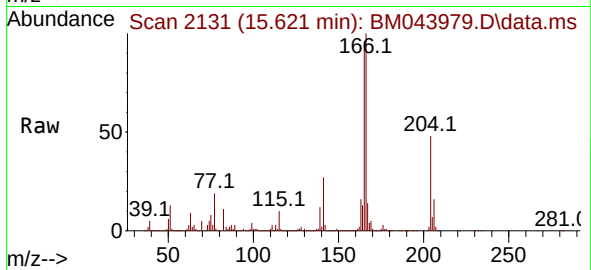
165 96.4 76.3 114.5

167 13.7 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024



#59

2,3,4,6-Tetrachlorophenol

Concen: 84.292 ng

RT: 15.192 min Scan# 2058

Delta R.T. 0.000 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

Tgt Ion:232 Resp: 1319713

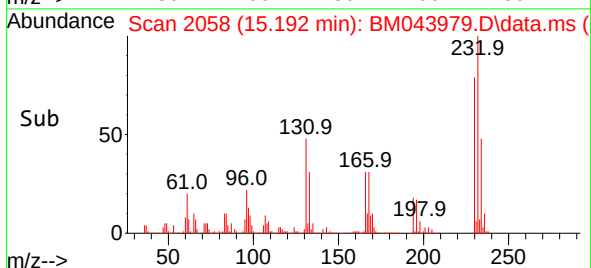
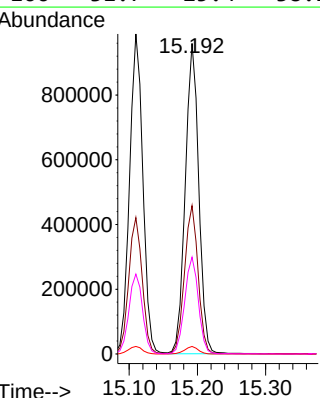
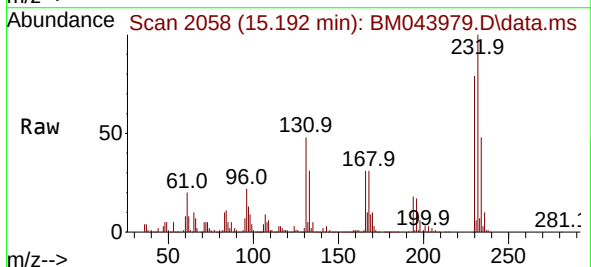
Ion Ratio Lower Upper

232 100

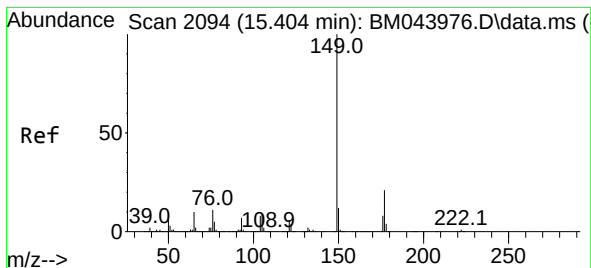
131 48.3 39.8 59.6

130 2.4 2.0 3.0

166 31.7 25.4 38.2







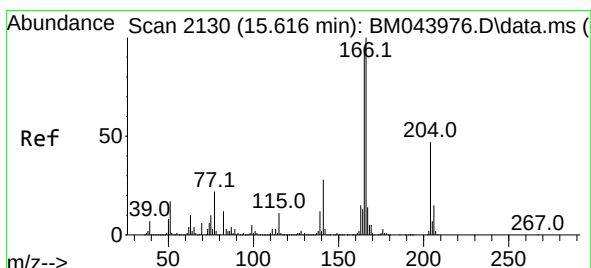
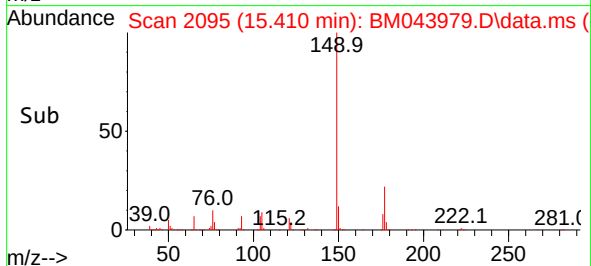
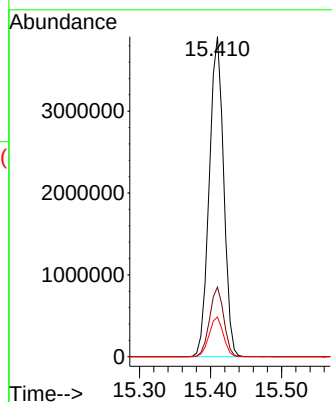
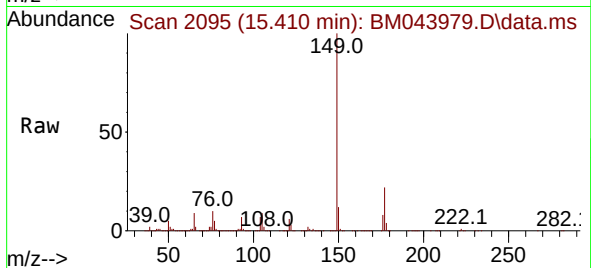
#60  
Diethylphthalate  
Concen: 82.467 ng  
RT: 15.410 min Scan# 2094  
Delta R.T. 0.006 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080

Tgt Ion:149 Resp: 550720  
Ion Ratio Lower Upper  
149 100  
177 21.8 17.1 25.7  
150 12.4 9.8 14.6

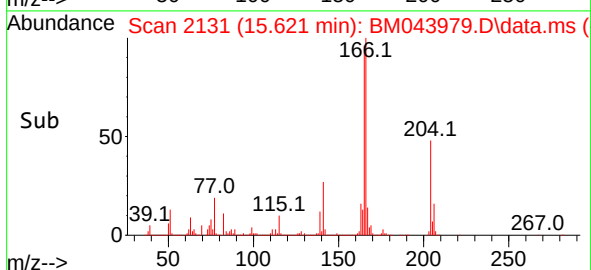
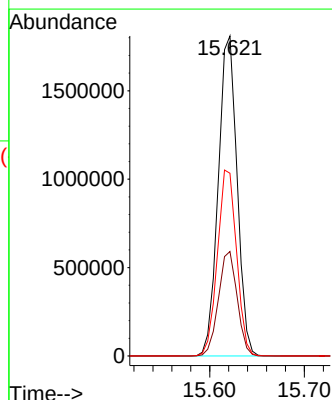
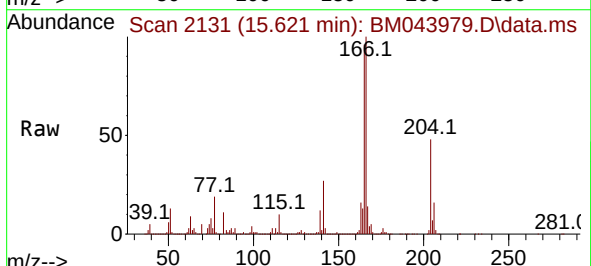
Manual Integrations  
APPROVED

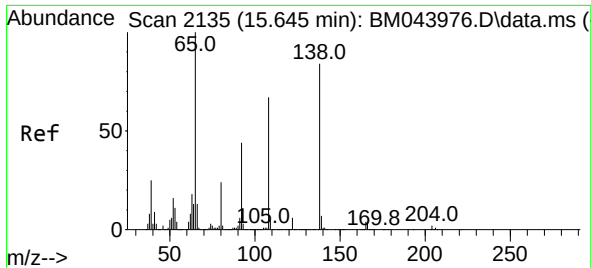
Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024



#61  
4-Chlorophenyl-phenylether  
Concen: 80.889 ng  
RT: 15.621 min Scan# 2131  
Delta R.T. 0.006 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

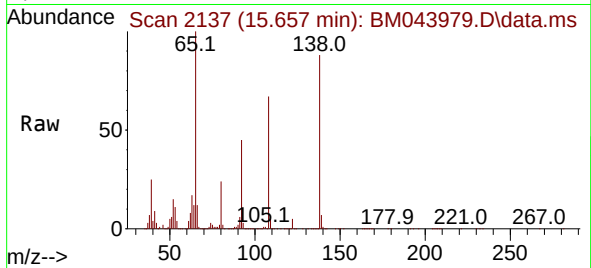
Tgt Ion:204 Resp: 2503198  
Ion Ratio Lower Upper  
204 100  
206 32.7 26.2 39.2  
141 57.1 48.6 72.8





#62  
4-Nitroaniline  
Concen: 88.227 ng  
RT: 15.657 min Scan# 2135  
Delta R.T. 0.012 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

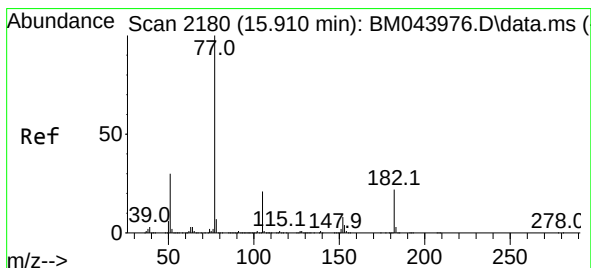
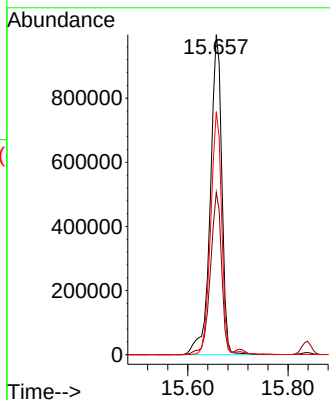
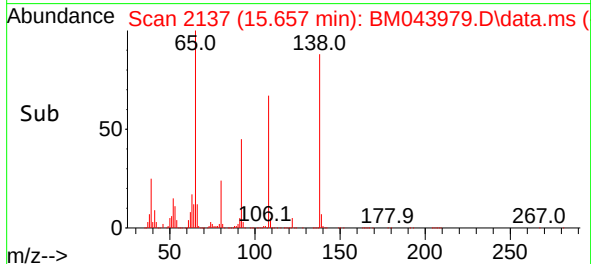
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080



Tgt Ion:138 Resp: 158794  
Ion Ratio Lower Upper  
138 100  
92 50.8 32.7 72.7  
108 75.9 60.0 100.0

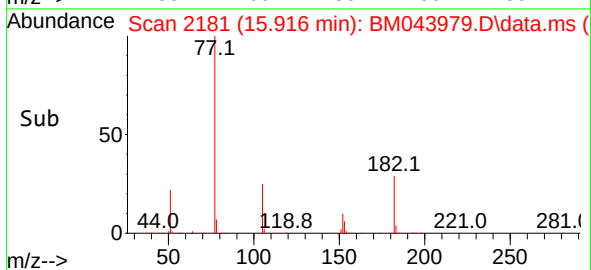
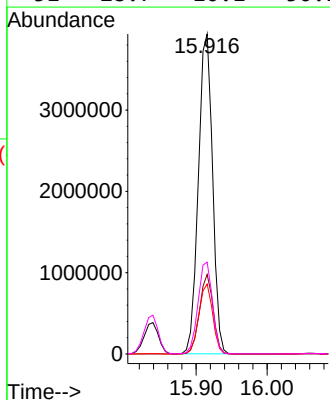
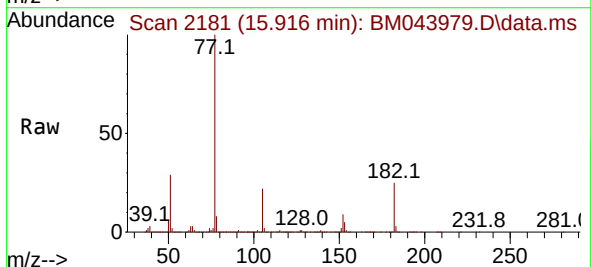
Manual Integrations  
APPROVED

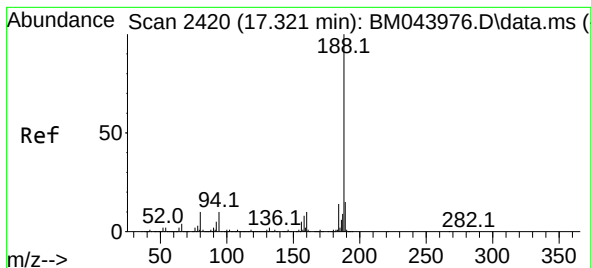
Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024



#63  
Azobenzene  
Concen: 82.091 ng  
RT: 15.916 min Scan# 2181  
Delta R.T. 0.006 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

Tgt Ion: 77 Resp: 5475433  
Ion Ratio Lower Upper  
77 100  
182 24.9 2.0 42.0  
105 21.9 0.5 40.5  
51 28.7 10.1 50.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.321 min Scan# 2420

Delta R.T. 0.000 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

Instrument :

BNA\_M

ClientSampleId :

SSTDICC080

Tgt Ion:188 Resp: 184373

Ion Ratio Lower Upper

188 100

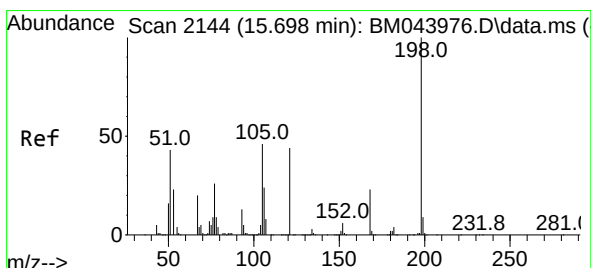
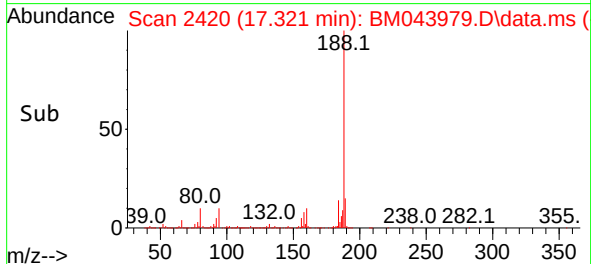
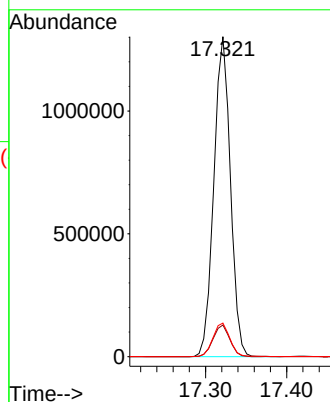
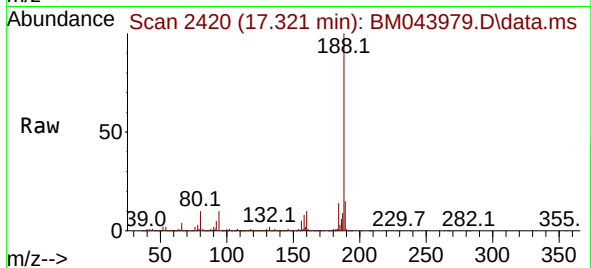
94 9.9 7.7 11.5

80 10.5 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024



#65

4,6-Dinitro-2-methylphenol

Concen: 81.458 ng

RT: 15.704 min Scan# 2145

Delta R.T. 0.006 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

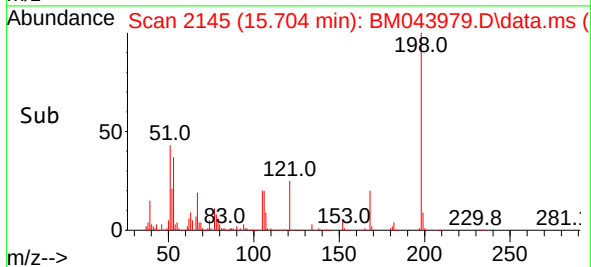
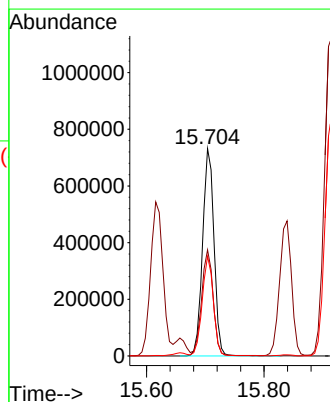
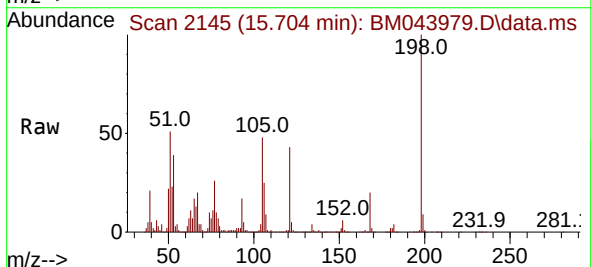
Tgt Ion:198 Resp: 985107

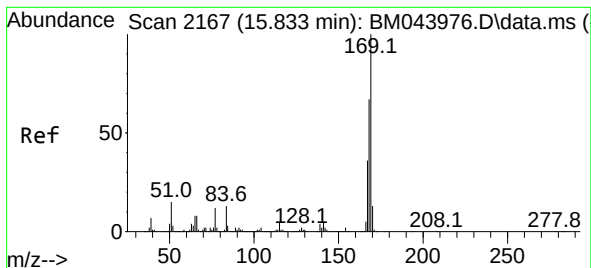
Ion Ratio Lower Upper

198 100

51 51.1 31.9 71.9

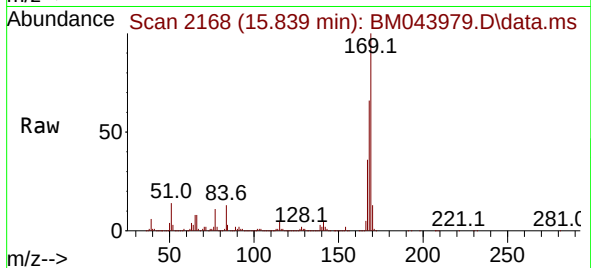
105 48.1 28.1 68.1





#66  
n-Nitrosodiphenylamine  
Concen: 83.438 ng  
RT: 15.839 min Scan# 2167  
Delta R.T. 0.006 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

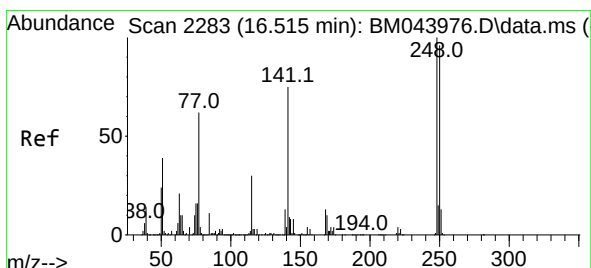
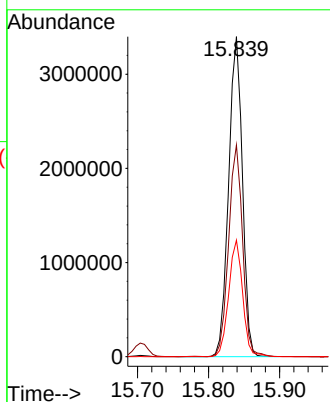
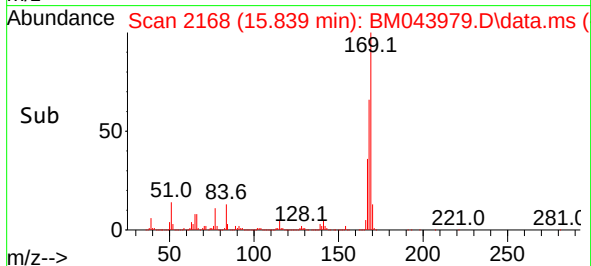
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080



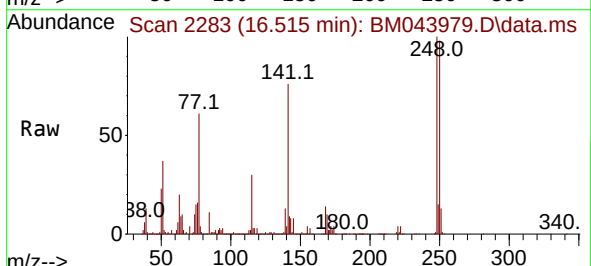
Tgt Ion:169 Resp: 4582460  
Ion Ratio Lower Upper  
169 100  
168 66.2 53.4 80.2  
167 36.4 29.0 43.4

Manual Integrations  
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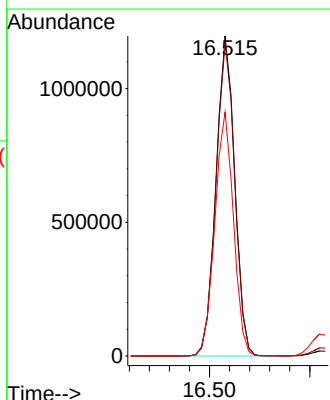
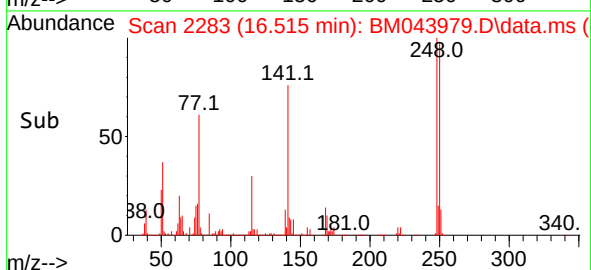
Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024

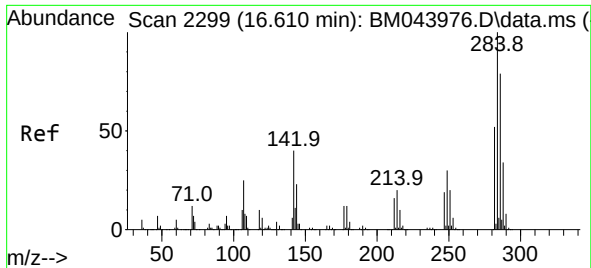


#67  
4-Bromophenyl-phenylether  
Concen: 85.634 ng  
RT: 16.515 min Scan# 2283  
Delta R.T. 0.000 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49



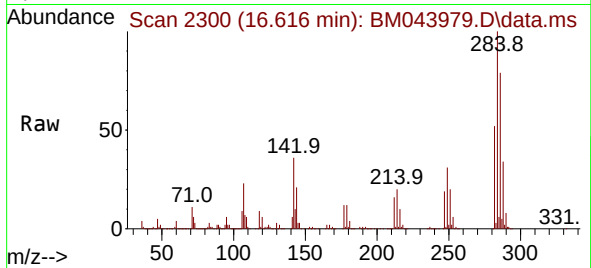
Tgt Ion:248 Resp: 1555367  
Ion Ratio Lower Upper  
248 100  
250 97.8 77.0 115.4  
141 76.2 59.9 89.9





#68  
Hexachlorobenzene  
Concen: 82.531 ng  
RT: 16.616 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

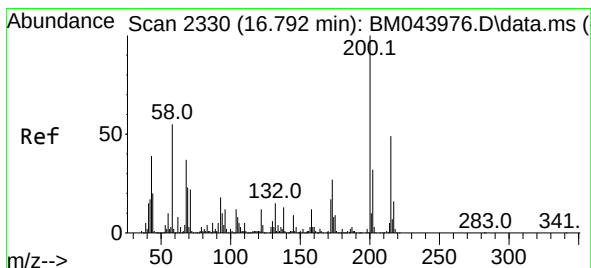
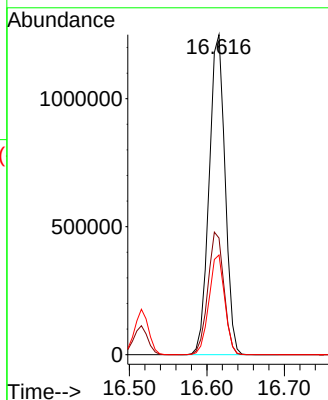
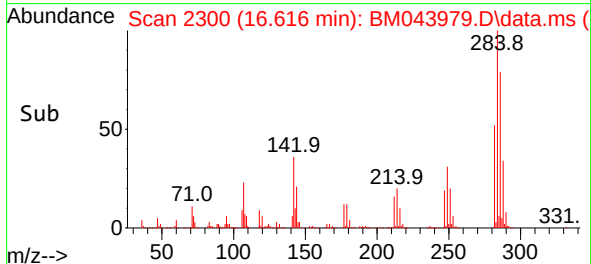
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080



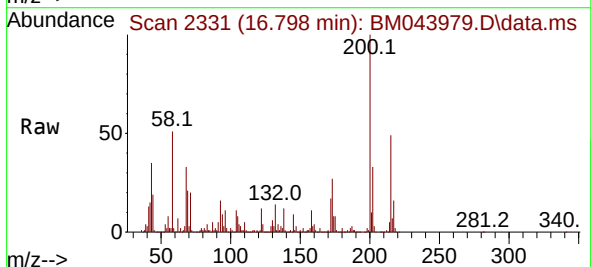
Tgt Ion:284 Resp: 178726  
Ion Ratio Lower Upper  
284 100  
142 36.5 32.2 48.4  
249 31.1 24.4 36.6

Manual Integrations  
APPROVED

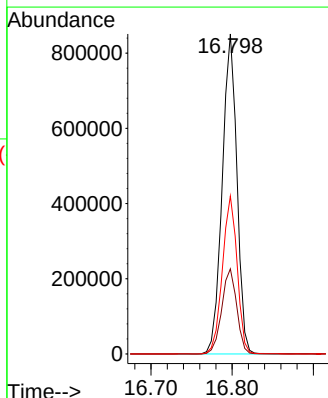
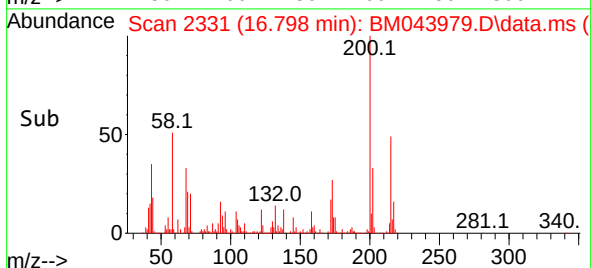
Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024

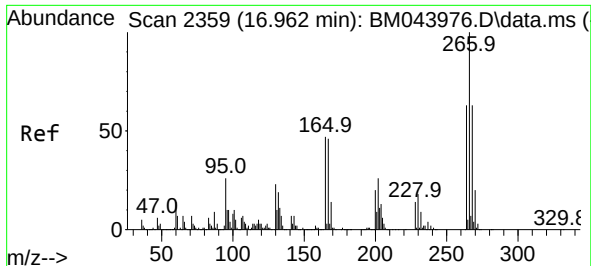


#69  
Atrazine  
Concen: 70.605 ng  
RT: 16.798 min Scan# 2331  
Delta R.T. 0.006 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49



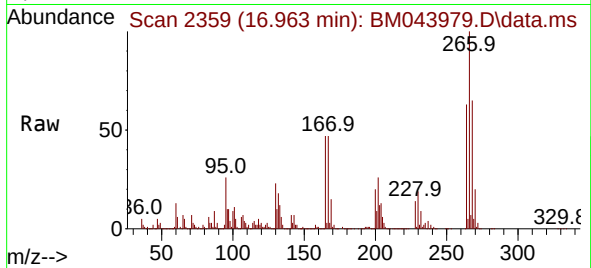
Tgt Ion:200 Resp: 1072773  
Ion Ratio Lower Upper  
200 100  
173 26.6 7.3 47.3  
215 49.4 28.7 68.7





#70  
Pentachlorophenol  
Concen: 89.869 ng  
RT: 16.963 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

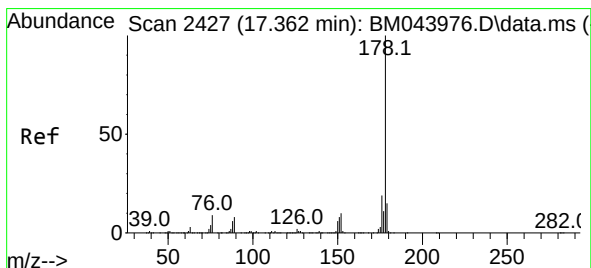
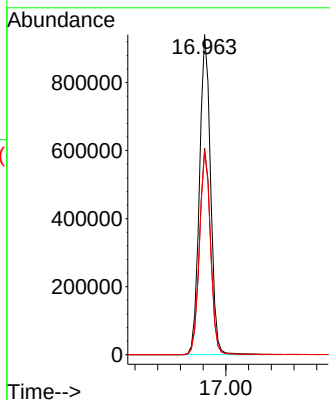
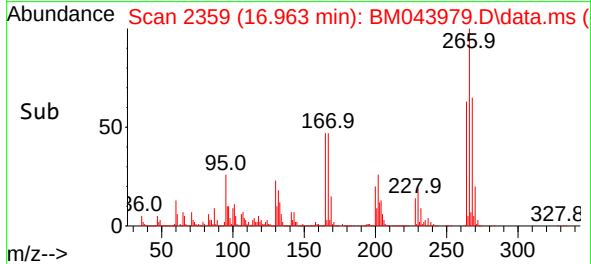
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080



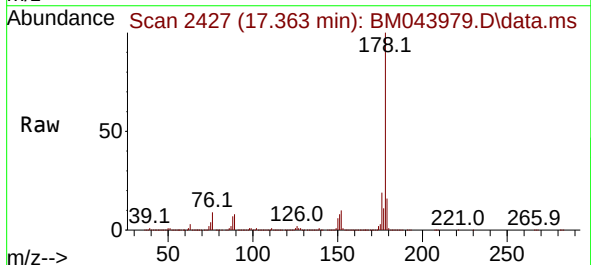
Tgt Ion:266 Resp: 1277930  
Ion Ratio Lower Upper  
266 100  
268 64.5 50.6 76.0  
264 63.5 50.6 76.0

Manual Integrations  
APPROVED

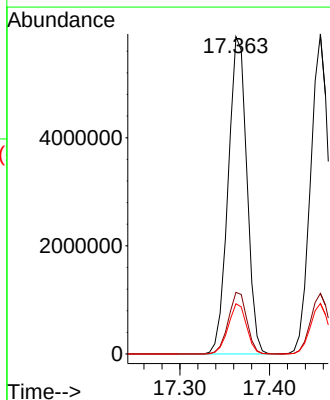
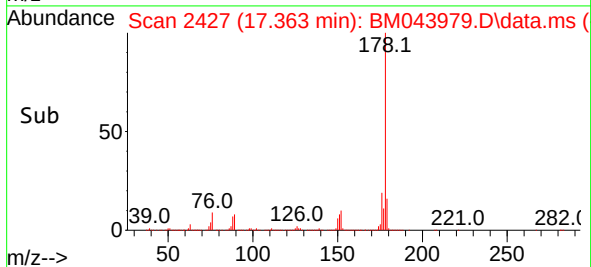
Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024

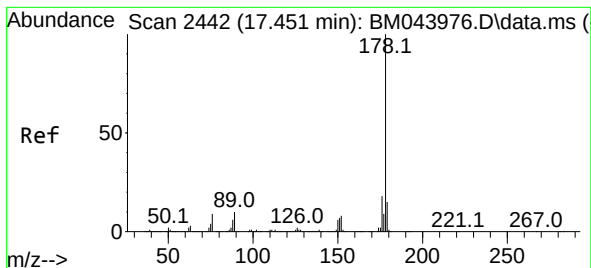


#71  
Phenanthrene  
Concen: 82.555 ng  
RT: 17.363 min Scan# 2427  
Delta R.T. 0.000 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49



Tgt Ion:178 Resp: 8477864  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.3 22.9  
179 15.8 12.4 18.6





#72

Anthracene

Concen: 83.446 ng

RT: 17.457 min Scan# 2442

Delta R.T. 0.006 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

Instrument :

BNA\_M

ClientSampleId :

SSTDICC080

Tgt Ion:178 Resp: 838962

Ion Ratio Lower Upper

178 100

176 19.0 14.6 22.0

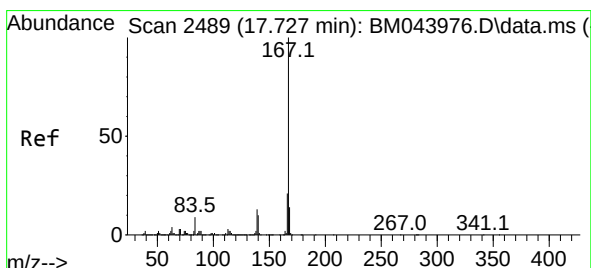
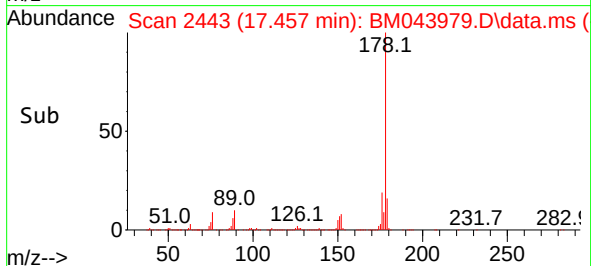
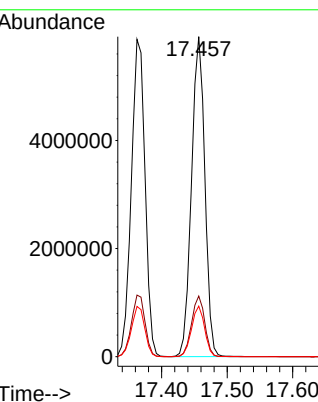
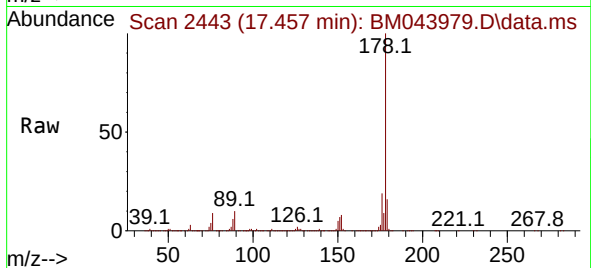
179 15.8 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024

Supervised By :mohammad ahmed 02/07/2024



#73

Carbazole

Concen: 83.323 ng

RT: 17.733 min Scan# 2490

Delta R.T. 0.006 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

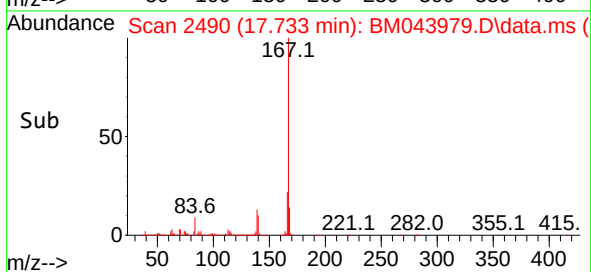
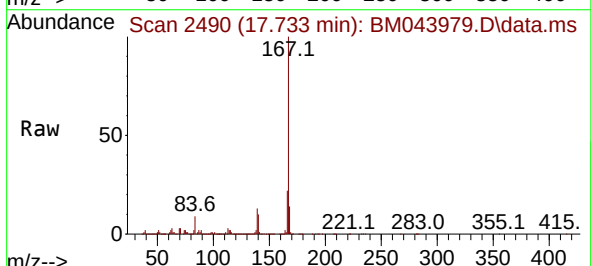
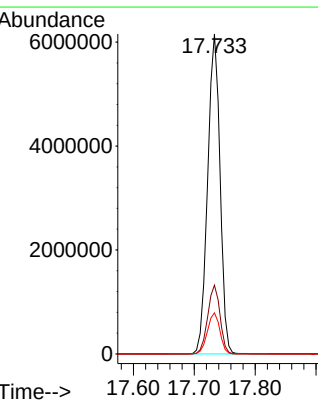
Tgt Ion:167 Resp: 8675962

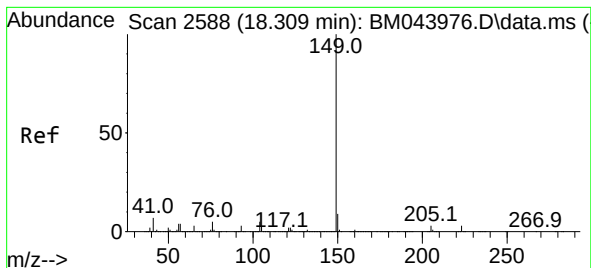
Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

139 12.9 10.6 15.8





#74

Di-n-butylphthalate

Concen: 85.035 ng

RT: 18.310 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

Instrument :

BNA\_M

ClientSampleId :

SSTDICC080

Tgt Ion:149 Resp: 971023

Ion Ratio Lower Upper

149 100

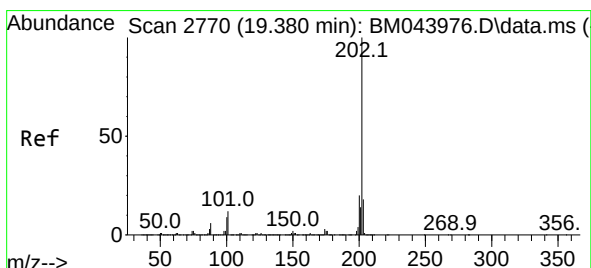
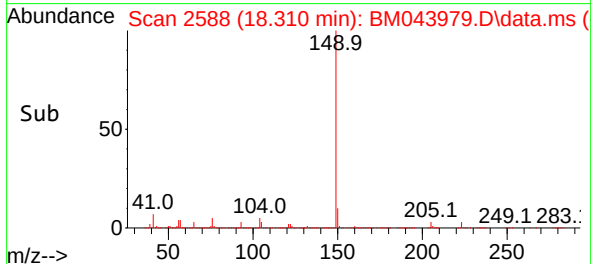
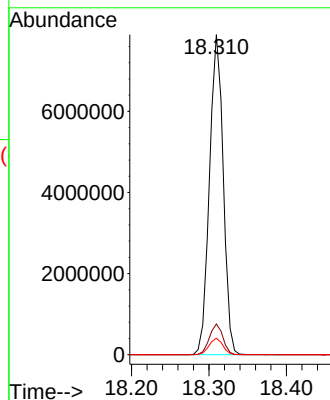
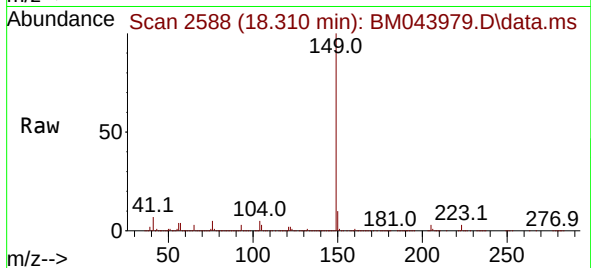
150 9.6 7.4 11.0

104 5.2 4.1 6.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024



#75

Fluoranthene

Concen: 82.926 ng

RT: 19.386 min Scan# 2771

Delta R.T. 0.006 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

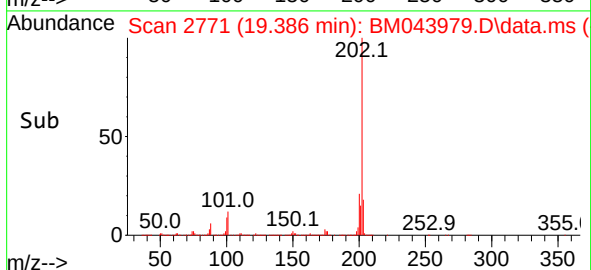
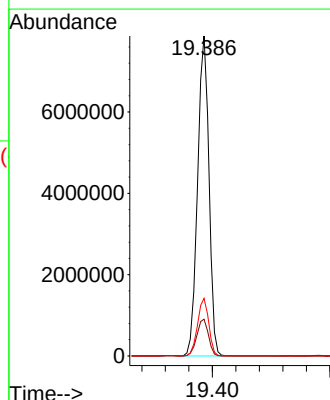
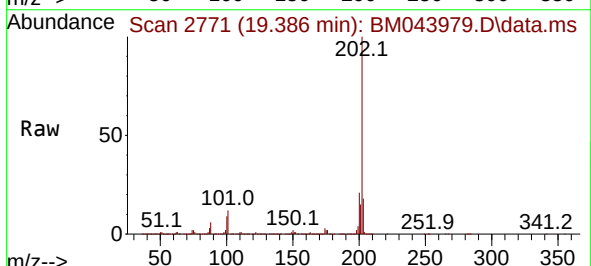
Tgt Ion:202 Resp:10531233

Ion Ratio Lower Upper

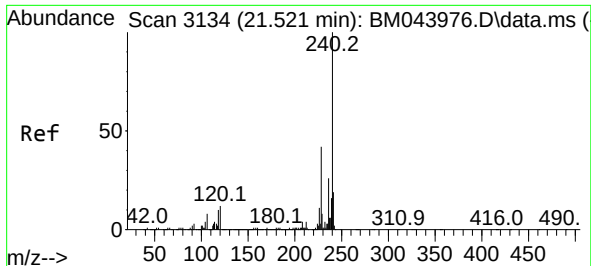
202 100

101 11.5 0.0 31.9

203 18.0 0.0 37.6

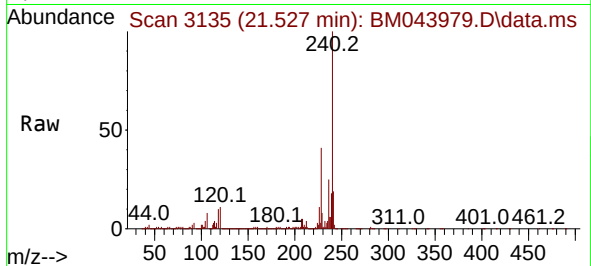






#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.527 min Scan# 3134  
Delta R.T. 0.006 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

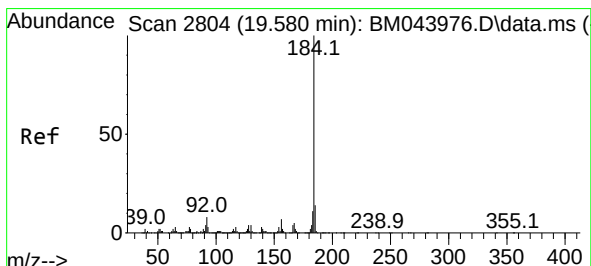
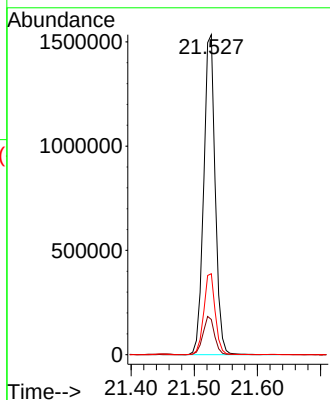
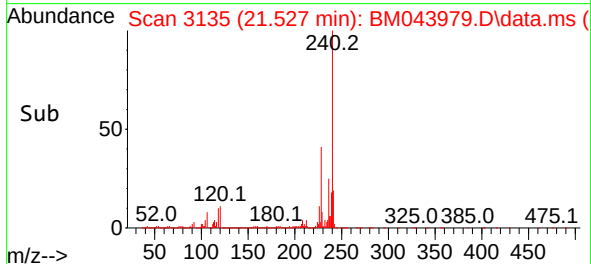
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080



Tgt Ion:240 Resp: 1944262  
Ion Ratio Lower Upper  
240 100  
120 11.0 9.3 13.9  
236 25.3 20.5 30.7

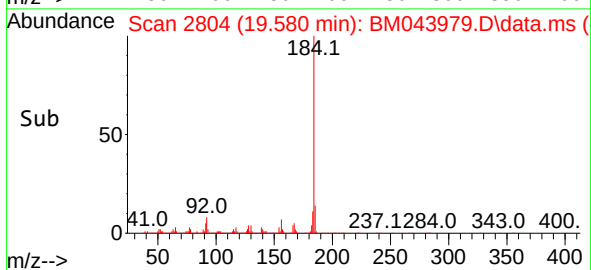
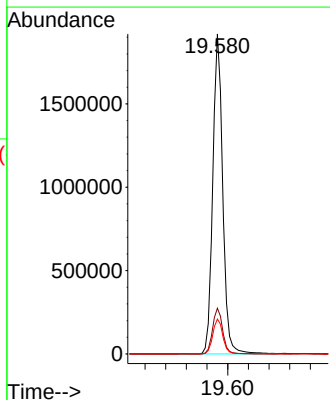
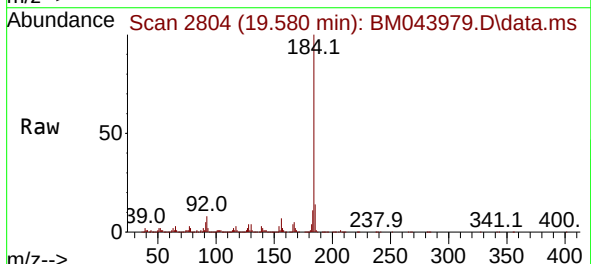
Manual Integrations  
APPROVED

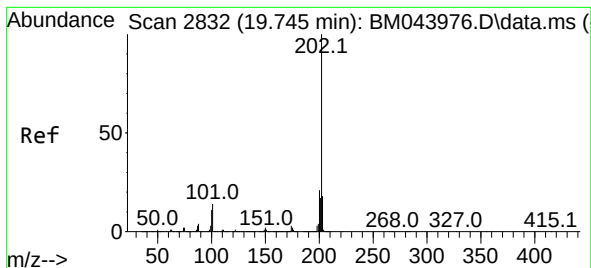
Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024



#77  
Benzidine  
Concen: 104.031 ng  
RT: 19.580 min Scan# 2804  
Delta R.T. 0.000 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

Tgt Ion:184 Resp: 2566251  
Ion Ratio Lower Upper  
184 100  
185 14.3 11.5 17.3  
183 10.9 8.9 13.3





#78

Pyrene

Concen: 83.596 ng

RT: 19.751 min Scan# 2832

Delta R.T. 0.006 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

Instrument :

BNA\_M

ClientSampleId :

SSTDICC080

Tgt Ion:202 Resp:1117232

Ion Ratio Lower Upper

202 100

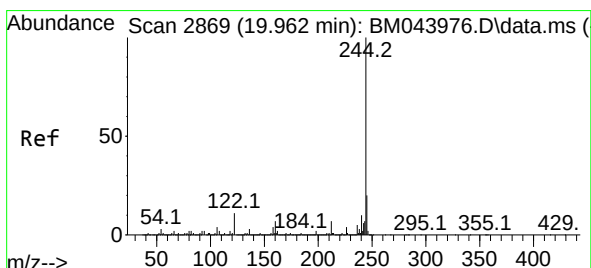
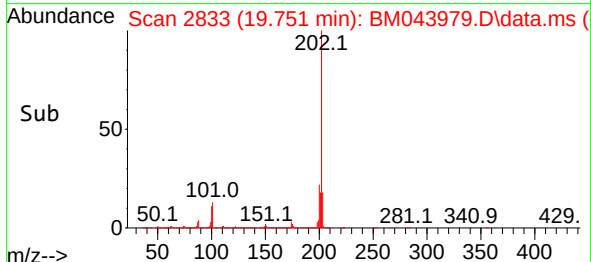
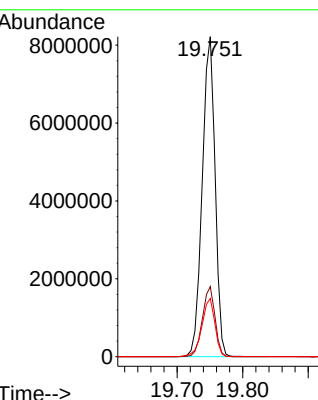
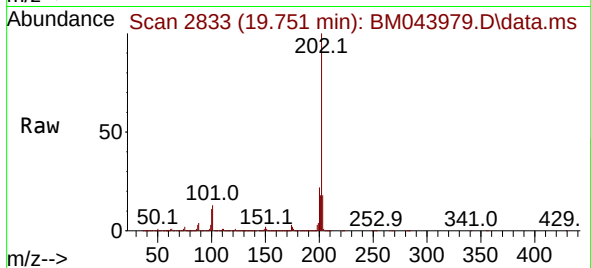
200 21.9 16.8 25.2

203 18.2 14.2 21.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024



#79

Terphenyl-d14

Concen: 134.820 ng

RT: 19.956 min Scan# 2868

Delta R.T. -0.006 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

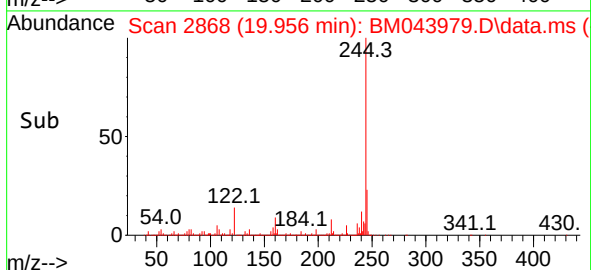
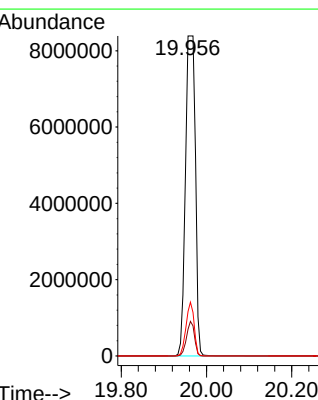
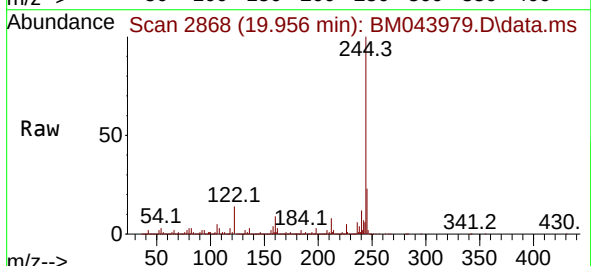
Tgt Ion:244 Resp:13578646

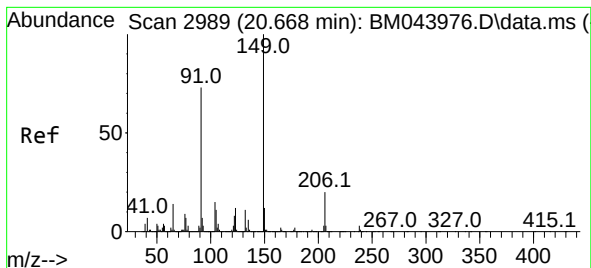
Ion Ratio Lower Upper

244 100

212 8.4 5.5 8.3#

122 13.9 8.7 13.1#





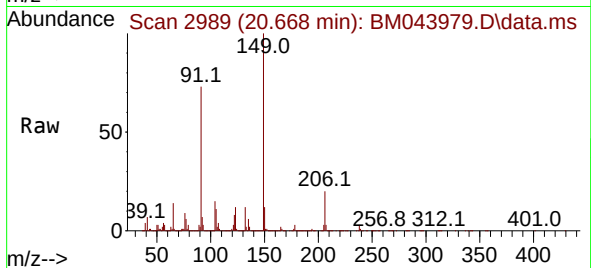
#80  
Butylbenzylphthalate  
Concen: 91.181 ng  
RT: 20.668 min Scan# 2989  
Delta R.T. 0.000 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

Instrument :

BNA\_M

ClientSampleId :

SSTDICC080

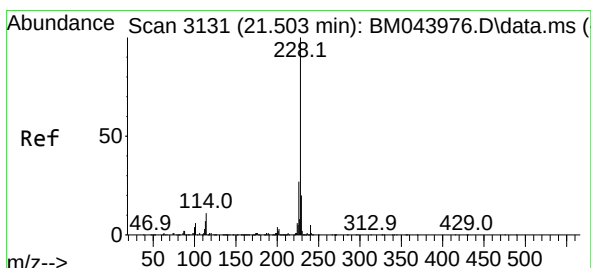
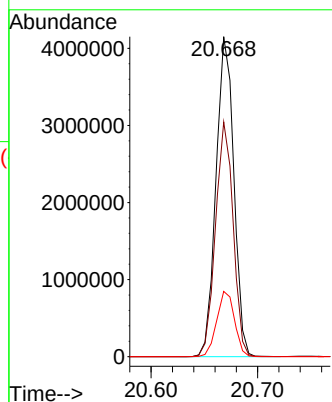
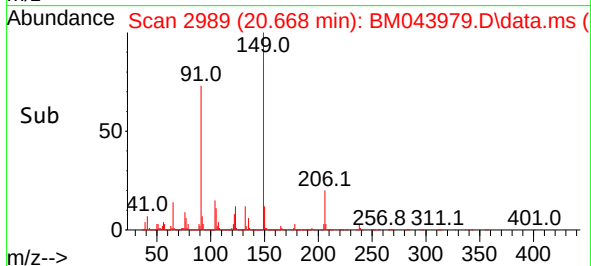


Tgt Ion:149 Resp: 4825424  
Ion Ratio Lower Upper  
149 100  
91 73.3 58.4 87.6  
206 20.4 15.8 23.6

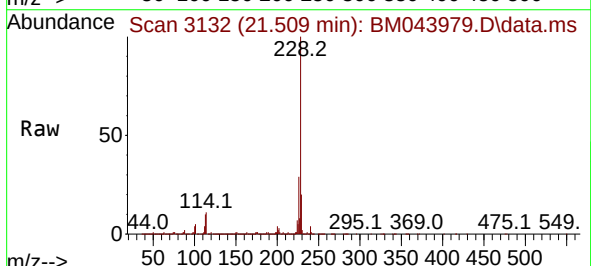
Manual Integrations

APPROVED

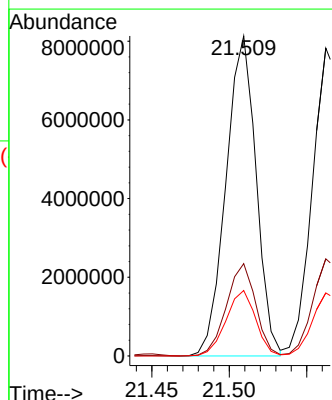
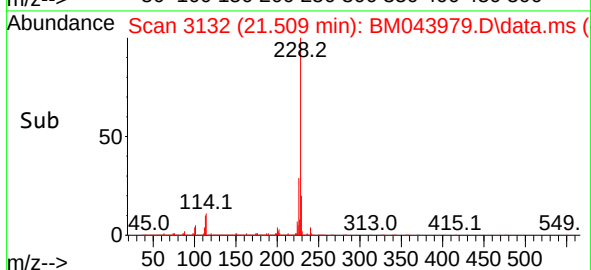
Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024

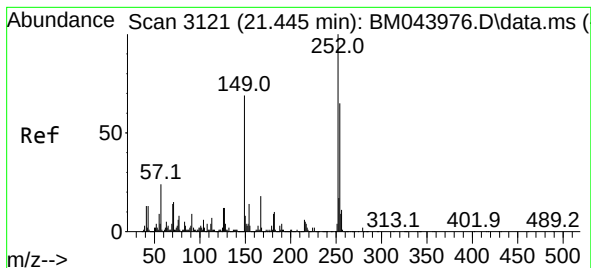


#81  
Benzo(a)anthracene  
Concen: 80.523 ng  
RT: 21.509 min Scan# 3132  
Delta R.T. 0.006 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49



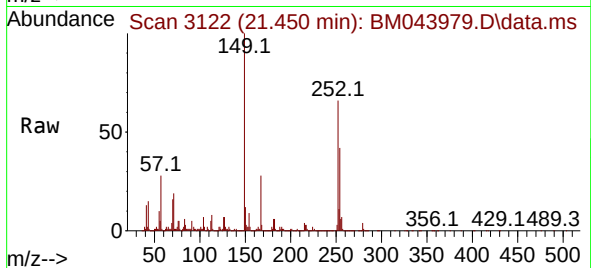
Tgt Ion:228 Resp:10983521  
Ion Ratio Lower Upper  
228 100  
226 28.8 21.8 32.8  
229 20.5 16.1 24.1





#82  
 3,3'-Dichlorobenzidine  
 Concen: 86.762 ng  
 RT: 21.450 min Scan# 3121  
 Delta R.T. 0.006 min  
 Lab File: BM043979.D  
 Acq: 05 Feb 2024 15:49

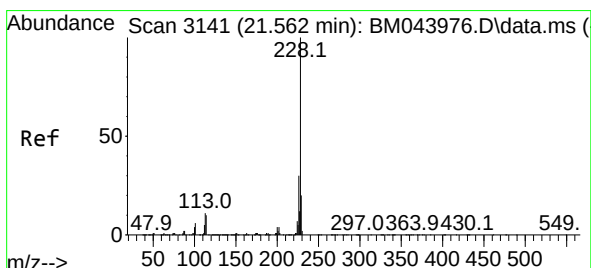
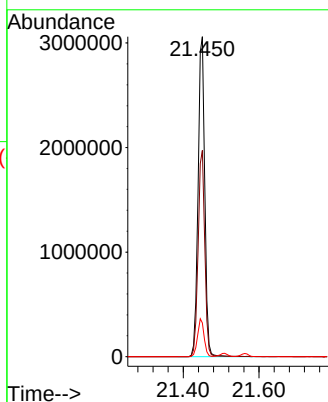
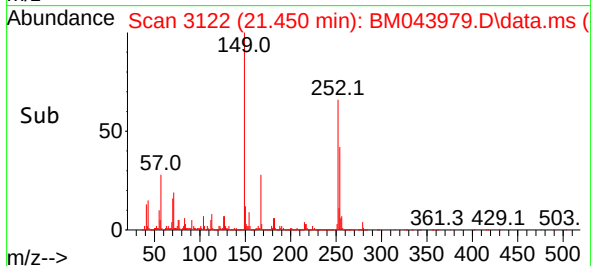
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC080



Tgt Ion:252 Resp: 3784072  
 Ion Ratio Lower Upper  
 252 100  
 254 64.4 51.6 77.4  
 126 10.5 9.4 14.2

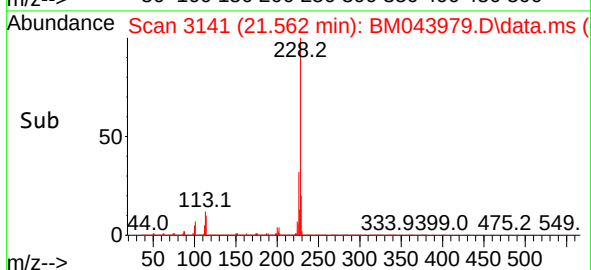
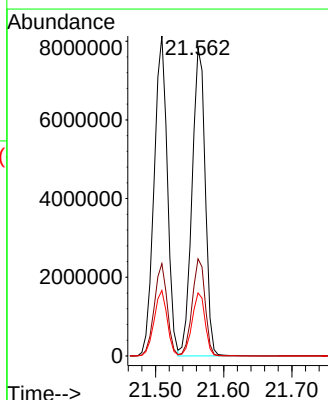
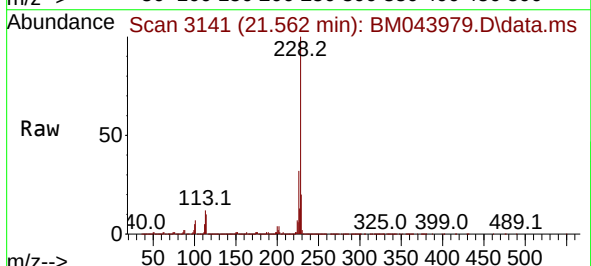
Manual Integrations  
 APPROVED

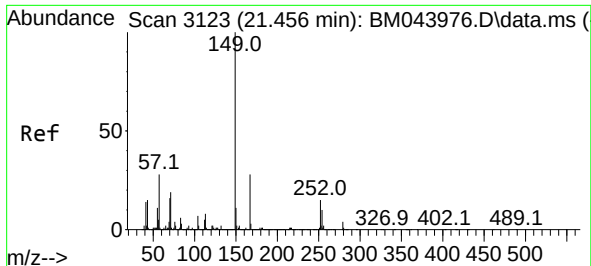
Reviewed By :Jagrut Upadhyay 02/06/2024  
 Supervised By :mohammad ahmed 02/07/2024



#83  
 Chrysene  
 Concen: 80.243 ng  
 RT: 21.562 min Scan# 3141  
 Delta R.T. 0.000 min  
 Lab File: BM043979.D  
 Acq: 05 Feb 2024 15:49

Tgt Ion:228 Resp:10486200  
 Ion Ratio Lower Upper  
 228 100  
 226 31.5 24.2 36.4  
 229 20.5 15.8 23.8





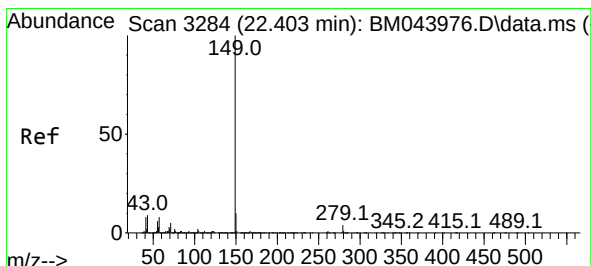
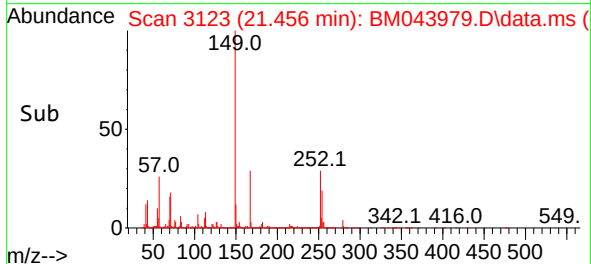
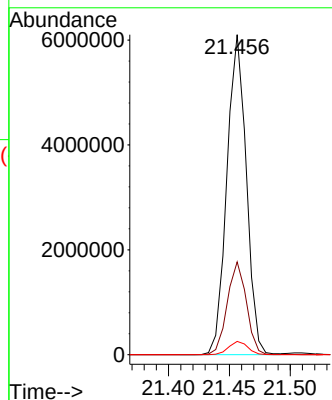
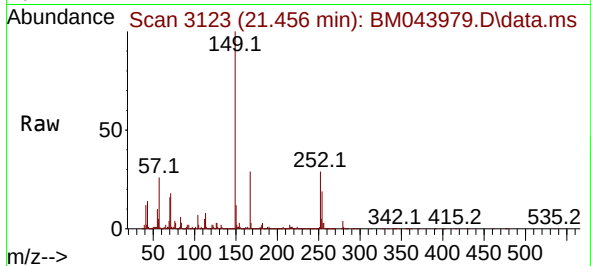
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 85.794 ng  
RT: 21.456 min Scan# 3123  
Delta R.T. 0.000 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080

Tgt Ion:149 Resp: 675211  
Ion Ratio Lower Upper  
149 100  
167 29.0 22.0 33.0  
279 4.2 3.1 4.7

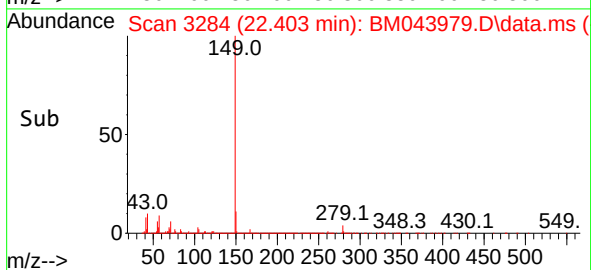
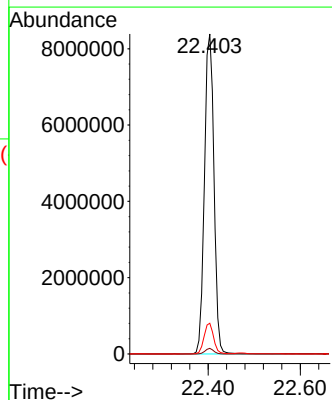
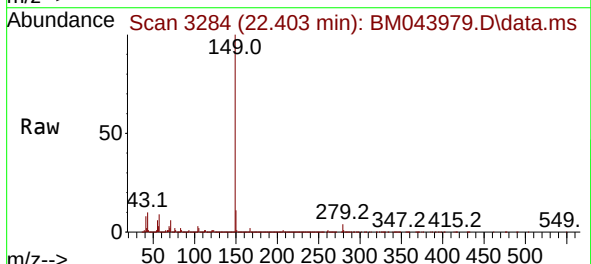
Manual Integrations  
APPROVED

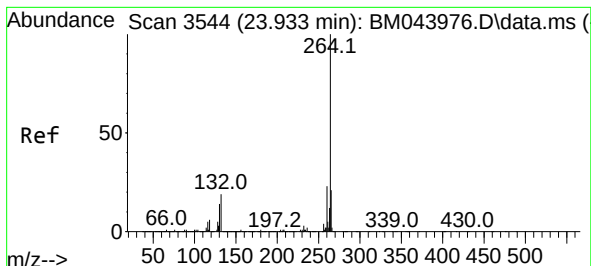
Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024



#85  
Di-n-octyl phthalate  
Concen: 89.173 ng  
RT: 22.403 min Scan# 3284  
Delta R.T. 0.000 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

Tgt Ion:149 Resp:12089785  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 9.7 7.9 11.9





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.933 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

Instrument :

BNA\_M

ClientSampleId :

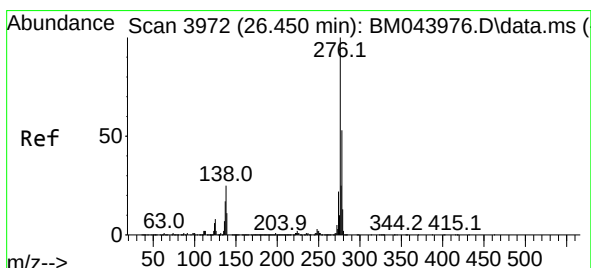
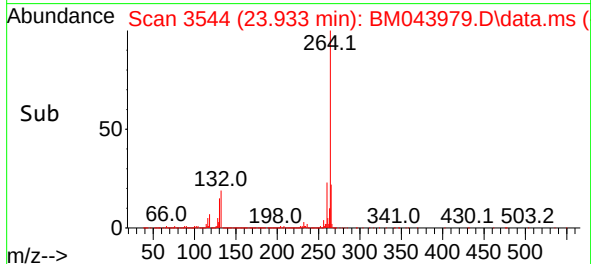
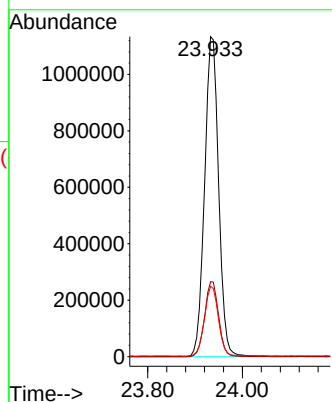
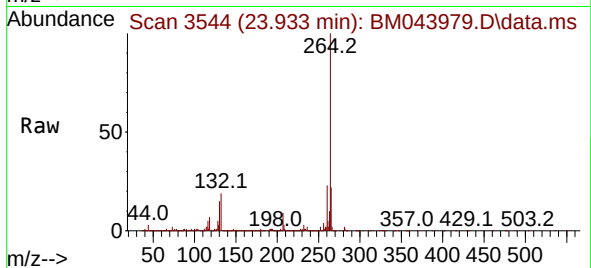
SSTDICC080

Tgt Ion:264 Resp: 233002  
Ion Ratio Lower Upper  
264 100  
260 23.5 18.6 28.0  
265 22.0 17.2 25.8

Manual Integrations

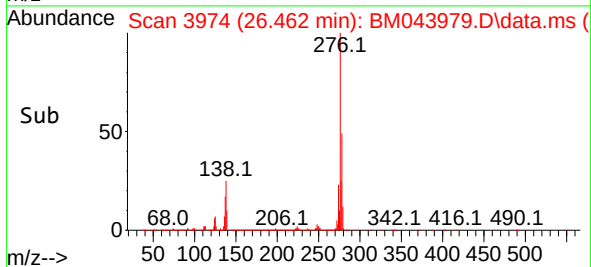
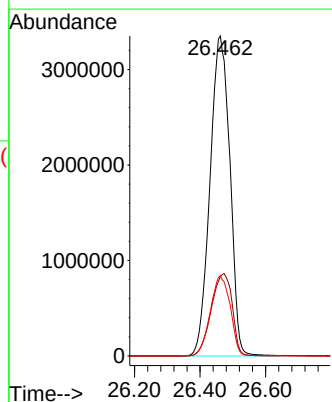
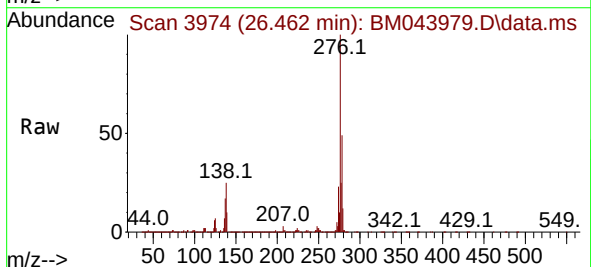
APPROVED

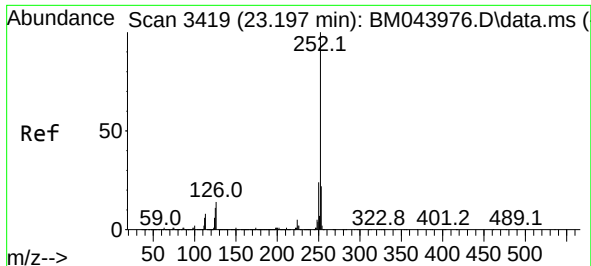
Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024



#87  
Indeno(1,2,3-cd)pyrene  
Concen: 80.958 ng  
RT: 26.462 min Scan# 3974  
Delta R.T. 0.012 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

Tgt Ion:276 Resp:14114981  
Ion Ratio Lower Upper  
276 100  
138 27.2 21.8 32.6  
277 25.2 19.9 29.9





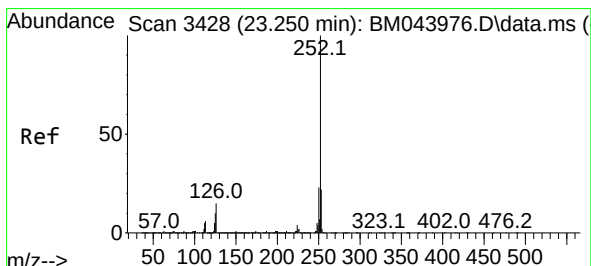
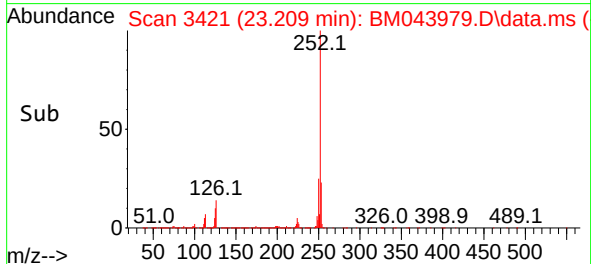
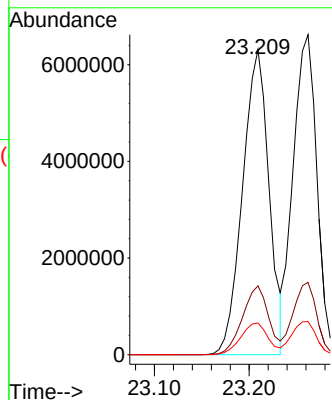
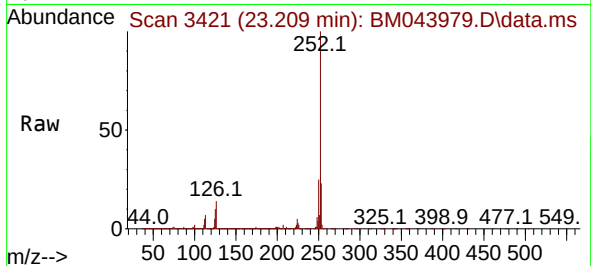
#88  
Benzo(b)fluoranthene  
Concen: 83.479 ng  
RT: 23.209 min Scan# 3419  
Delta R.T. 0.012 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC080

Tgt Ion:252 Resp:12235036  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.7 26.5  
125 10.4 9.0 13.6

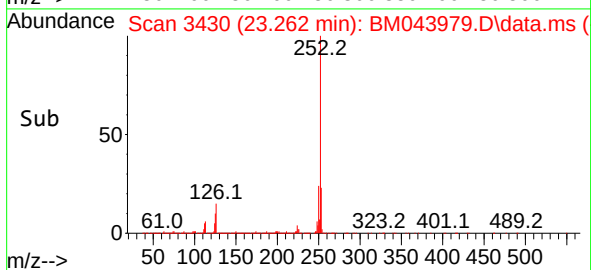
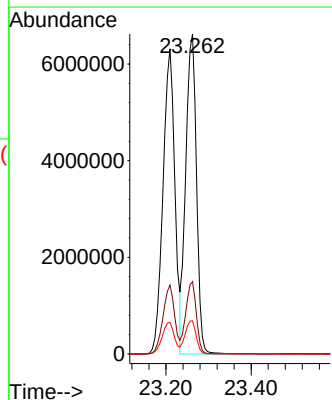
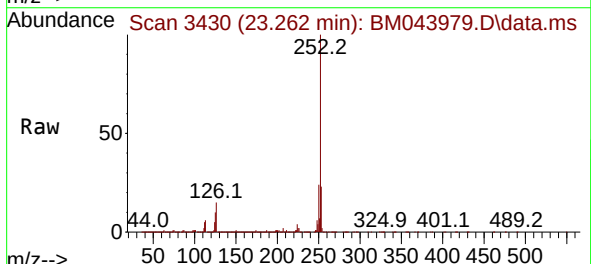
Manual Integrations  
APPROVED

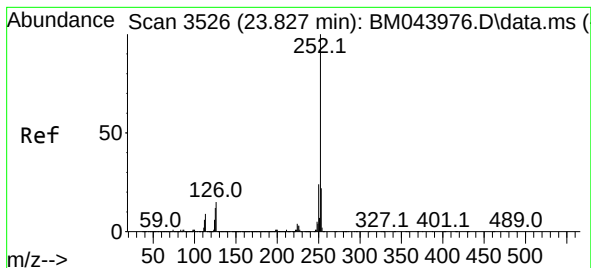
Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024



#89  
Benzo(k)fluoranthene  
Concen: 82.403 ng  
RT: 23.262 min Scan# 3430  
Delta R.T. 0.012 min  
Lab File: BM043979.D  
Acq: 05 Feb 2024 15:49

Tgt Ion:252 Resp:11587116  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.4 26.2  
125 10.4 8.3 12.5





#90

Benzo(a)pyrene

Concen: 84.542 ng

RT: 23.839 min Scan# 3526

Delta R.T. 0.012 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

Instrument :

BNA\_M

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp:10952319

Ion Ratio Lower Upper

252 100

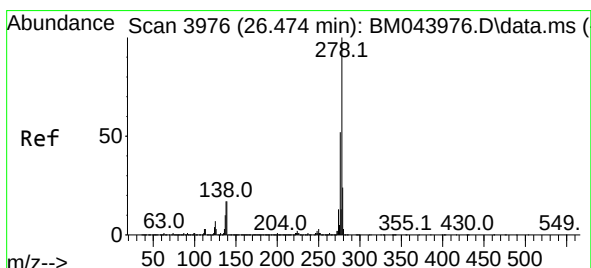
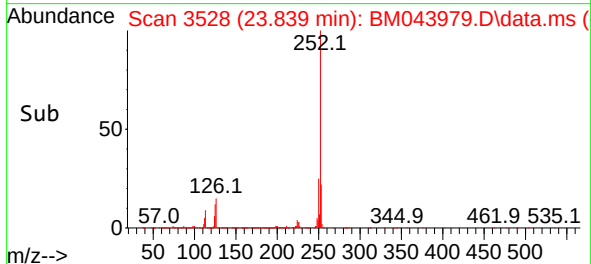
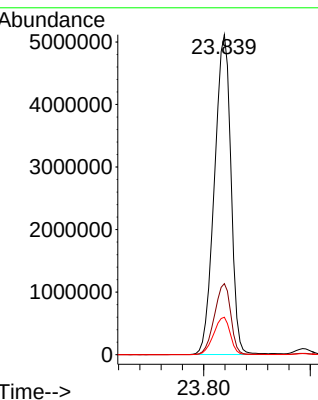
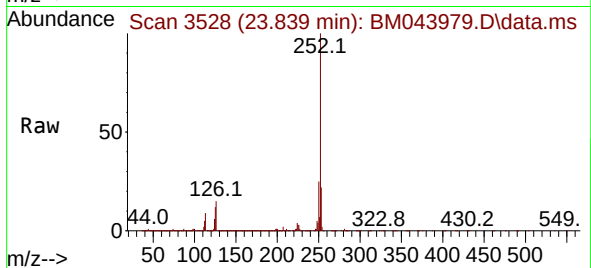
253 22.2 17.7 26.5

125 11.7 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024  
Supervised By :mohammad ahmed 02/07/2024



#91

Dibenzo(a,h)anthracene

Concen: 80.819 ng

RT: 26.491 min Scan# 3979

Delta R.T. 0.018 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

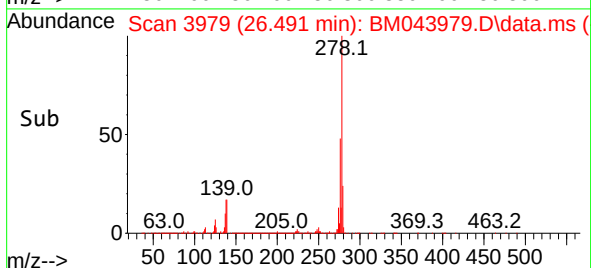
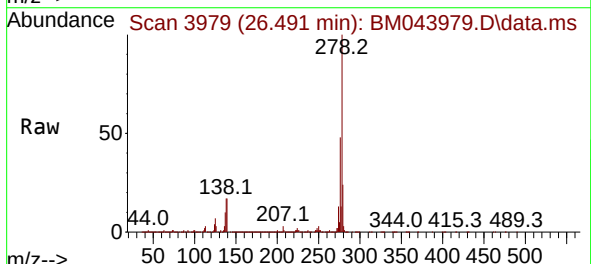
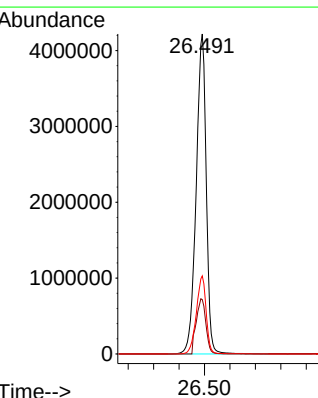
Tgt Ion:278 Resp:11620738

Ion Ratio Lower Upper

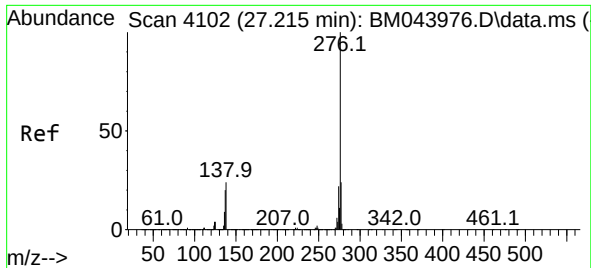
278 100

139 17.0 13.7 20.5

279 24.4 19.3 28.9

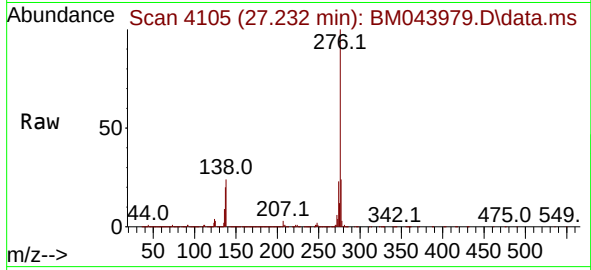






#92  
 Benzo(g,h,i)perylene  
 Concen: 79.263 ng  
 RT: 27.232 min Scan# 4105  
 Delta R.T. 0.018 min  
 Lab File: BM043979.D  
 Acq: 05 Feb 2024 15:49

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC080



Tgt Ion: 276 Resp: 1162476

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.9  | 19.0  | 28.4  |
| 138 | 24.0  | 18.8  | 28.2  |

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024  
 Supervised By :mohammad ahmed 02/07/2024

