

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021324\  
 Data File : BM044068.D  
 Acq On : 13 Feb 2024 15:06  
 Operator : MA/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

## Instrument :

BNA\_M

## ClientSampleId :

SSTDCCC040

## Manual Integrations

## APPROVED

Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/15/2024

Quant Time: Feb 13 18:56:43 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020824.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Feb 09 02:42:01 2024

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.904  | 152  | 414904   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.704 | 136  | 1781556  | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10          | 14.551 | 164  | 1030831  | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.303 | 188  | 2072355  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.503 | 240  | 1726909  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 23.897 | 264  | 1939306  | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.475  | 112  | 2238550  | 78.472 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.075  | 99   | 2981290  | 82.138 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.075  | 82   | 2703928  | 80.536 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.039 | 330  | 908567   | 81.405 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.174 | 172  | 5609467  | 76.800 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.939 | 244  | 7444516  | 75.571 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.387  | 88   | 444165   | 39.233 | ng    | 97       |
| 3) Pyridine                   | 3.781  | 79   | 1262977  | 42.255 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.704  | 42   | 484130   | 42.689 | ng    | 95       |
| 6) Aniline                    | 7.239  | 93   | 1469884  | 41.188 | ng    | 98       |
| 8) 2-Chlorophenol             | 7.469  | 128  | 1163796  | 39.067 | ng    | 100      |
| 9) Benzaldehyde               | 7.051  | 77   | 755661m  | 40.513 | ng    |          |
| 10) Phenol                    | 7.098  | 94   | 1501047  | 40.977 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.339  | 93   | 1207029  | 39.791 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.792  | 146  | 1291329  | 38.180 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.939  | 146  | 1305704  | 38.298 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.257  | 146  | 1248042  | 38.418 | ng    | 100      |
| 15) Benzyl Alcohol            | 8.151  | 79   | 961624   | 40.690 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.445  | 45   | 1526847  | 39.705 | ng    | 99       |
| 17) 2-Methylphenol            | 8.351  | 107  | 967569   | 40.238 | ng    | 98       |
| 18) Hexachloroethane          | 8.975  | 117  | 487223   | 38.168 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.722  | 70   | 934702   | 41.938 | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.681  | 107  | 1353554  | 40.899 | ng    | 100      |
| 22) Acetophenone              | 8.739  | 105  | 1797040  | 39.739 | ng    | # 99     |
| 24) Nitrobenzene              | 9.116  | 77   | 1371907  | 39.903 | ng    | 99       |
| 25) Isophorone                | 9.645  | 82   | 2622048  | 40.558 | ng    | 100      |
| 26) 2-Nitrophenol             | 9.822  | 139  | 629684   | 39.503 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.886  | 122  | 804828   | 39.487 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.133 | 93   | 1651212  | 39.493 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.357 | 162  | 1054093  | 39.281 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.569 | 180  | 1140807  | 37.807 | ng    | 97       |
| 31) Naphthalene               | 10.757 | 128  | 3784795  | 38.492 | ng    | 100      |
| 32) Benzoic acid              | 10.027 | 122  | 805851   | 39.249 | ng    | 100      |
| 33) 4-Chloroaniline           | 10.874 | 127  | 1506758  | 40.469 | ng    | 99       |
| 34) Hexachlorobutadiene       | 11.033 | 225  | 636789   | 36.869 | ng    | 100      |
| 35) Caprolactam               | 11.674 | 113  | 375982   | 43.541 | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 11.998 | 107  | 1196479  | 41.176 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.368 | 142  | 2539761  | 38.777 | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.592 | 142  | 2512802  | 39.044 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.733 | 216  | 1126030  | 37.581 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.704 | 237  | 476012   | 36.403 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.980 | 196  | 803325   | 39.396 | ng    | 100      |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021324\  
 Data File : BM044068.D  
 Acq On : 13 Feb 2024 15:06  
 Operator : MA/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

## Instrument :

BNA\_M

## ClientSampleId :

SSTDCCC040

## Manual Integrations

## APPROVED

Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/15/2024

Quant Time: Feb 13 18:56:43 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020824.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

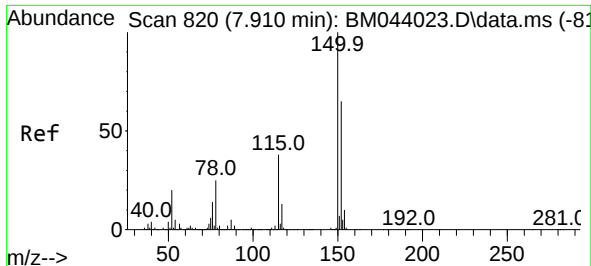
QLast Update : Fri Feb 09 02:42:01 2024

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.051 | 196  | 897259   | 40.097 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.386 | 154  | 3119033  | 38.345 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.427 | 162  | 2492406  | 38.682 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.639 | 65   | 780752   | 43.072 | ng    | 94       |
| 49) Acenaphthylene            | 14.268 | 152  | 3774993  | 39.271 | ng    | 99       |
| 50) Dimethylphthalate         | 14.021 | 163  | 3036389  | 39.727 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.139 | 165  | 683216   | 40.517 | ng    | 93       |
| 52) Acenaphthene              | 14.615 | 154  | 2318856  | 38.977 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.468 | 138  | 761955   | 42.045 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 14.674 | 184  | 362714   | 38.916 | ng    | 96       |
| 55) Dibenzofuran              | 14.951 | 168  | 3566483  | 38.732 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.768 | 139  | 631627   | 42.875 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 14.927 | 165  | 927086   | 42.065 | ng    | 99       |
| 58) Fluorene                  | 15.598 | 166  | 2815697  | 39.571 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.174 | 232  | 693426   | 39.491 | ng    | 98       |
| 60) Diethylphthalate          | 15.386 | 149  | 3121922  | 39.523 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.598 | 204  | 1334261  | 38.699 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.633 | 138  | 786292   | 43.103 | ng    | 99       |
| 63) Azobenzene                | 15.892 | 77   | 3061511  | 41.311 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.686 | 198  | 502967   | 40.730 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.815 | 169  | 2445598  | 38.843 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.498 | 248  | 816181   | 39.834 | ng    | 99       |
| 68) Hexachlorobenzene         | 16.592 | 284  | 940018   | 37.453 | ng    | 97       |
| 69) Atrazine                  | 16.774 | 200  | 684887   | 40.174 | ng    | 99       |
| 70) Pentachlorophenol         | 16.945 | 266  | 648948   | 39.746 | ng    | 99       |
| 71) Phenanthrene              | 17.345 | 178  | 4224246  | 38.601 | ng    | 100      |
| 72) Anthracene                | 17.433 | 178  | 4207330  | 38.835 | ng    | 100      |
| 73) Carbazole                 | 17.709 | 167  | 4241701  | 40.259 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.286 | 149  | 5406686  | 39.479 | ng    | 99       |
| 75) Fluoranthene              | 19.362 | 202  | 4873086  | 39.642 | ng    | 99       |
| 77) Benzidine                 | 19.562 | 184  | 1499117  | 55.860 | ng    | 99       |
| 78) Pyrene                    | 19.727 | 202  | 5095184  | 38.310 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.650 | 149  | 2359587  | 39.913 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.486 | 228  | 4676382  | 38.930 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.427 | 252  | 1559986  | 39.580 | ng    | 99       |
| 83) Chrysene                  | 21.538 | 228  | 4426840  | 39.007 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.433 | 149  | 3423917  | 39.253 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.374 | 149  | 6068997  | 39.839 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.385 | 276  | 4977602  | 36.265 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.168 | 252  | 4708184  | 38.837 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.221 | 252  | 4701889  | 40.817 | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.791 | 252  | 4166146  | 39.345 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 26.415 | 278  | 4186072  | 36.461 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 27.150 | 276  | 4135091  | 35.513 | ng    | 99       |

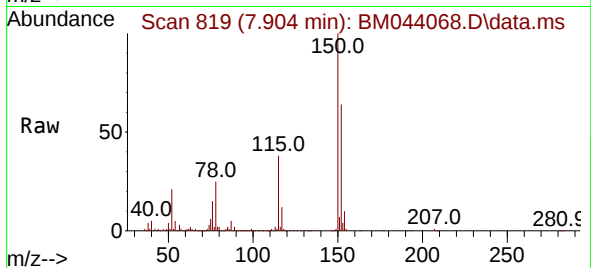
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.904 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

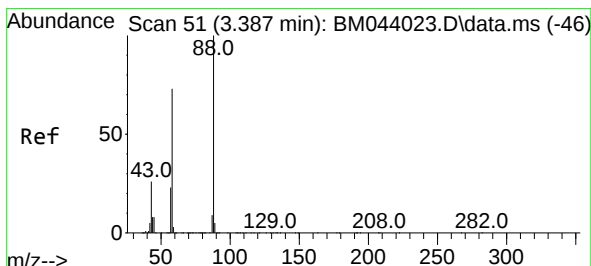
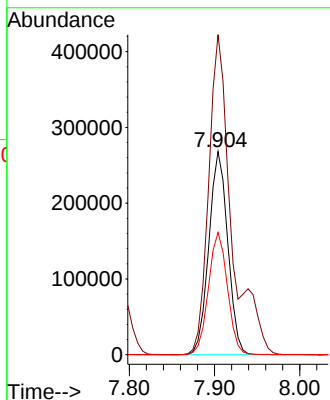
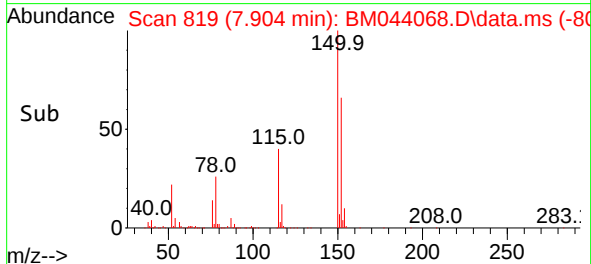
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



Tgt Ion:152 Resp: 414904  
Ion Ratio Lower Upper  
152 100  
150 157.4 122.7 184.1  
115 60.1 47.0 70.6

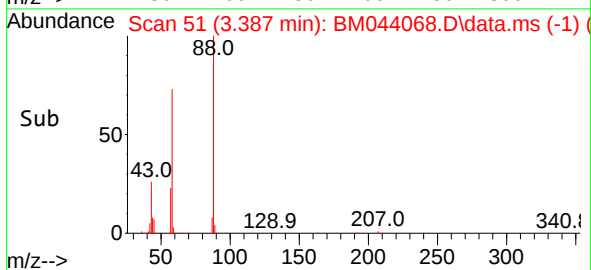
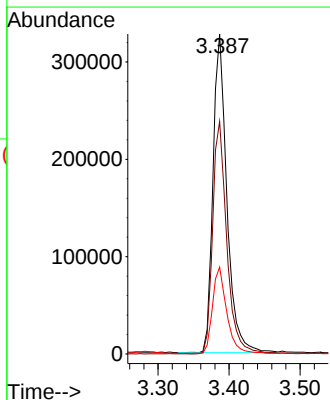
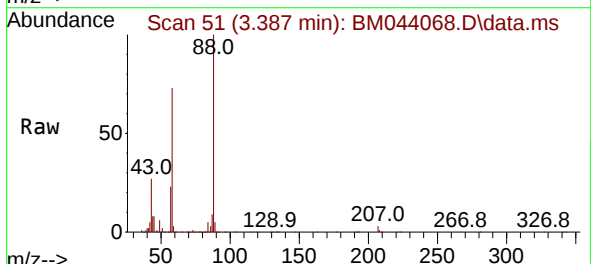
Manual Integrations  
APPROVED

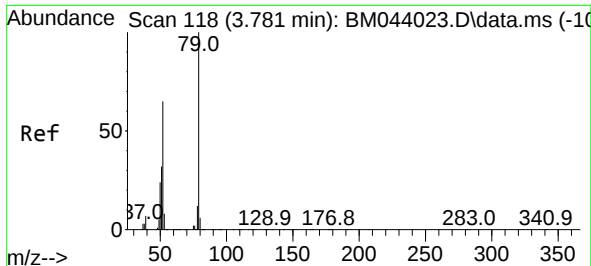
Reviewed By :Yogesh Patel 02/15/2024  
Supervised By :mohammad ahmed 02/15/2024



#2  
1,4-Dioxane  
Concen: 39.233 ng  
RT: 3.387 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

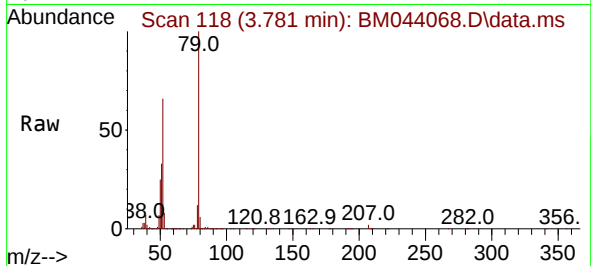
Tgt Ion: 88 Resp: 444165  
Ion Ratio Lower Upper  
88 100  
58 74.8 58.1 87.1  
43 27.7 21.1 31.7





#3  
Pyridine  
Concen: 42.255 ng  
RT: 3.781 min Scan# 118  
Delta R.T. -0.000 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

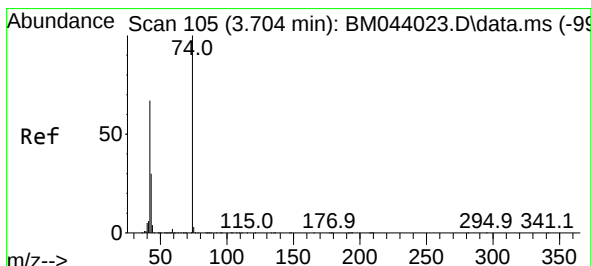
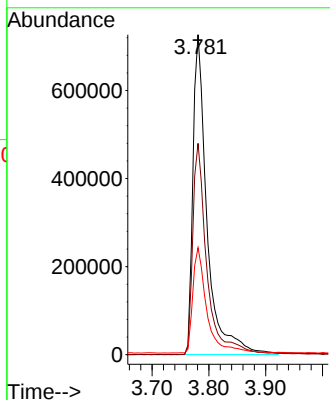
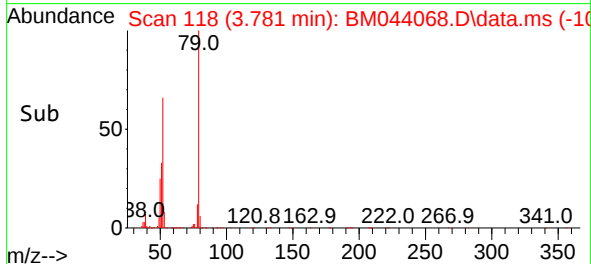
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



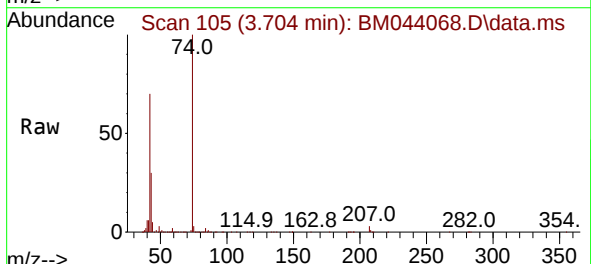
Tgt Ion: 79 Resp: 126297  
Ion Ratio Lower Upper  
79 100  
52 66.1 52.2 78.2  
51 33.5 26.2 39.4

Manual Integrations  
APPROVED

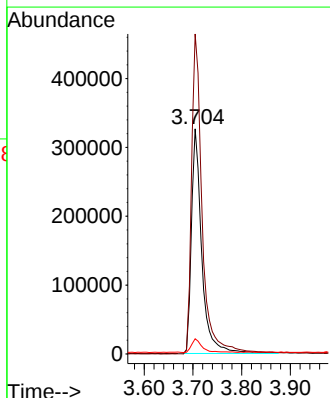
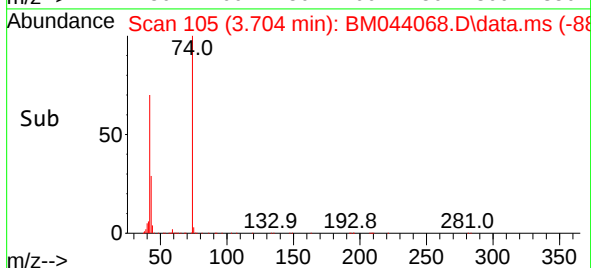
Reviewed By :Yogesh Patel 02/15/2024  
Supervised By :mohammad ahmed 02/15/2024

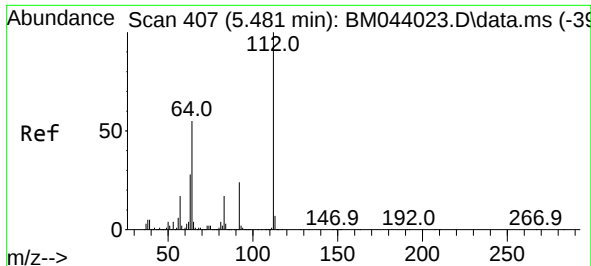


#4  
n-Nitrosodimethylamine  
Concen: 42.689 ng  
RT: 3.704 min Scan# 105  
Delta R.T. -0.000 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06



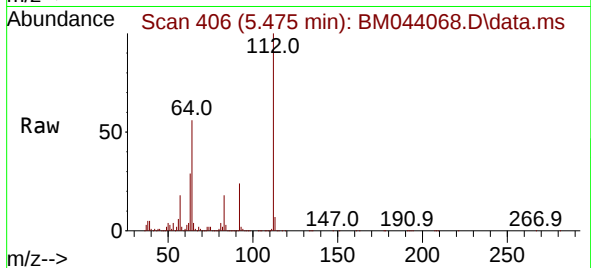
Tgt Ion: 42 Resp: 484130  
Ion Ratio Lower Upper  
42 100  
74 142.1 118.6 178.0  
44 6.7 5.6 8.4





#5  
2-Fluorophenol  
Concen: 78.472 ng  
RT: 5.475 min Scan# 407  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

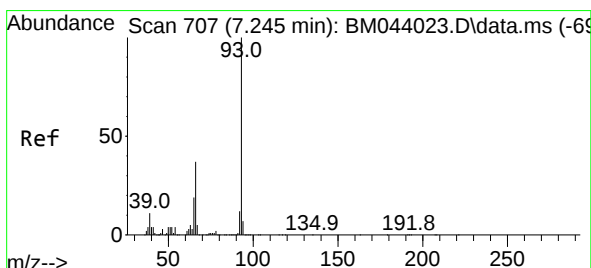
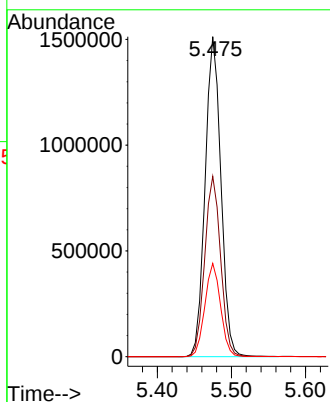
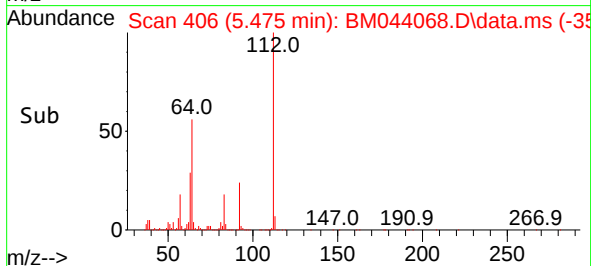
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 112 Resp: 2238550  
Ion Ratio Lower Upper  
112 100  
64 56.3 44.2 66.4  
63 29.1 22.6 34.0

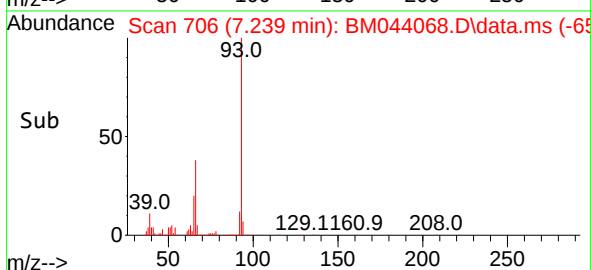
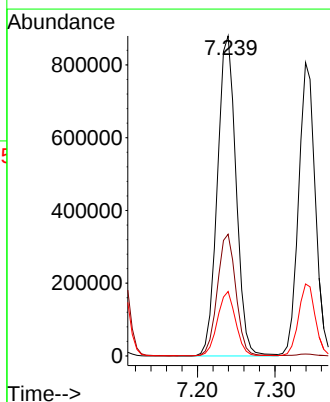
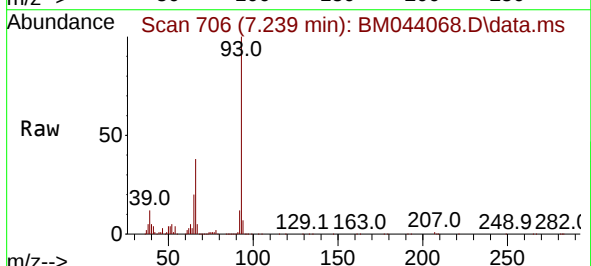
Manual Integrations  
APPROVED

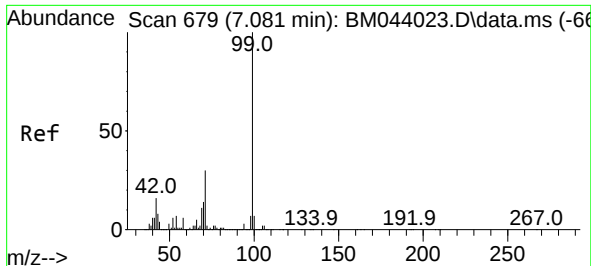
Reviewed By :Yogesh Patel 02/15/2024  
Supervised By :mohammad ahmed 02/15/2024



#6  
Aniline  
Concen: 41.188 ng  
RT: 7.239 min Scan# 706  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

Tgt Ion: 93 Resp: 1469884  
Ion Ratio Lower Upper  
93 100  
66 38.1 29.4 44.0  
65 20.2 15.2 22.8





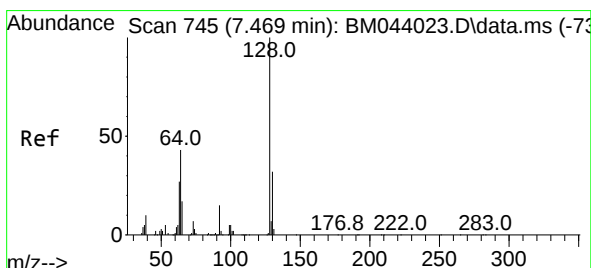
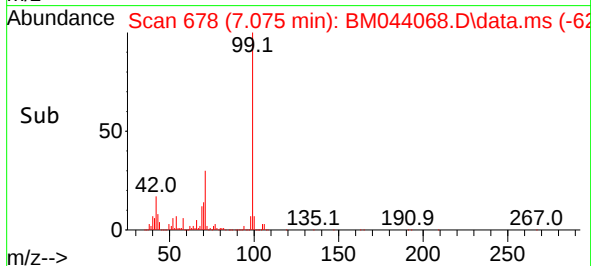
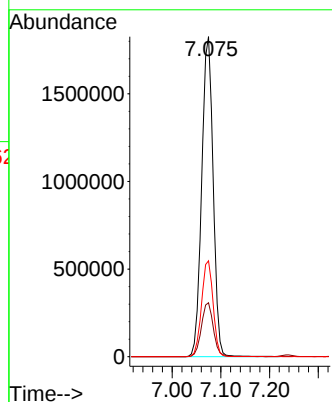
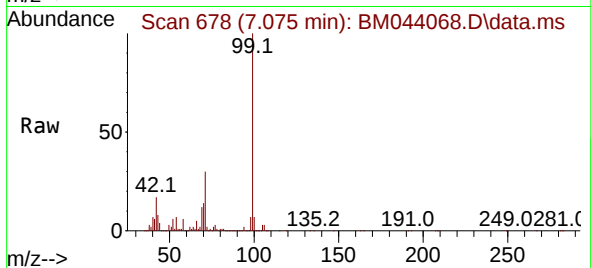
#7  
Phenol-d6  
Concen: 82.138 ng  
RT: 7.075 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 99 Resp: 2981290  
Ion Ratio Lower Upper  
99 100  
42 16.9 12.9 19.3  
71 30.0 23.9 35.9

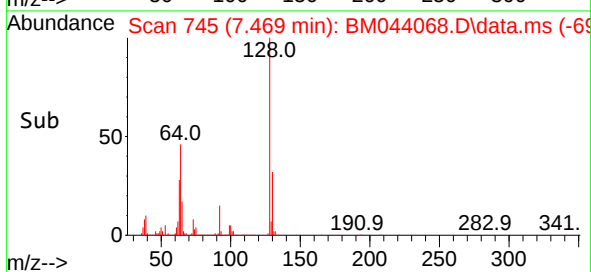
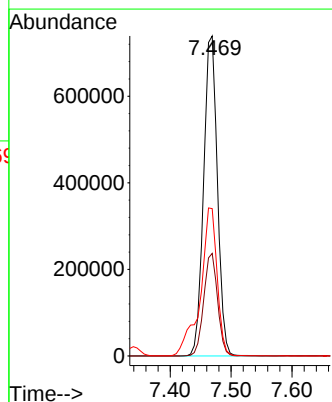
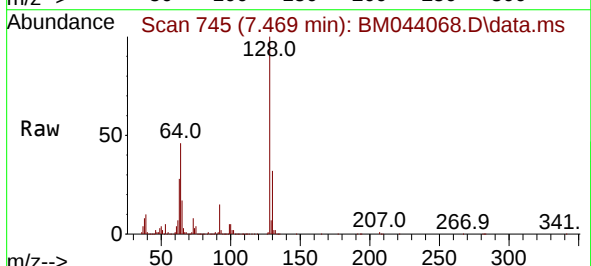
Manual Integrations  
APPROVED

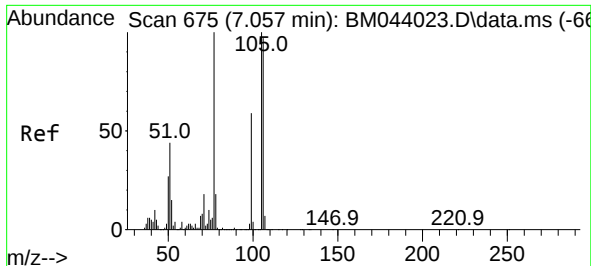
Reviewed By :Yogesh Patel 02/15/2024  
Supervised By :mohammad ahmed 02/15/2024



#8  
2-Chlorophenol  
Concen: 39.067 ng  
RT: 7.469 min Scan# 745  
Delta R.T. -0.000 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

Tgt Ion:128 Resp: 1163796  
Ion Ratio Lower Upper  
128 100  
130 32.1 12.1 52.1  
64 46.1 26.0 66.0





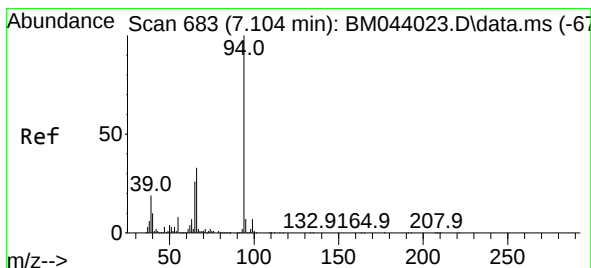
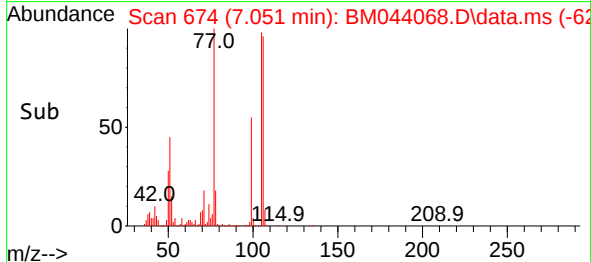
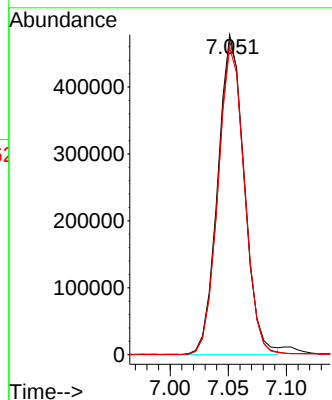
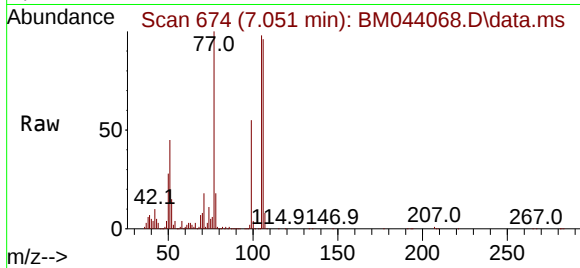
#9  
Benzaldehyde  
Concen: 40.513 ng m  
RT: 7.051 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 77 Resp: 75566  
Ion Ratio Lower Upper  
77 100  
105 98.0 80.0 120.0  
106 96.0 76.8 116.8

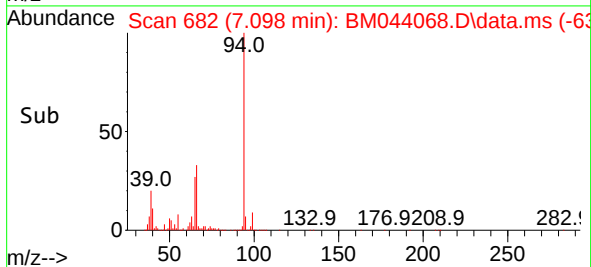
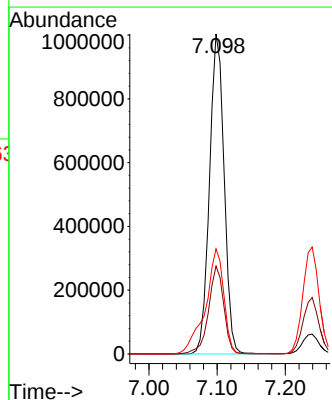
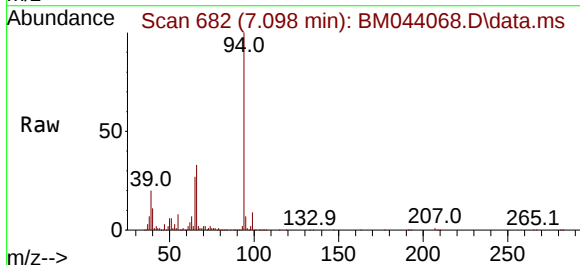
Manual Integrations  
APPROVED

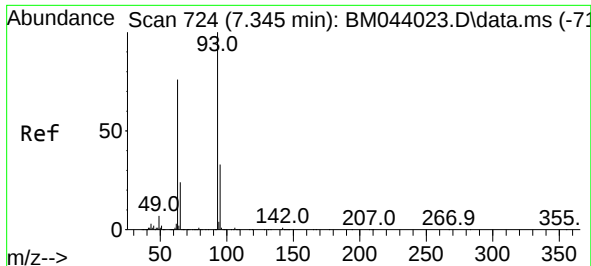
Reviewed By :Yogesh Patel 02/15/2024  
Supervised By :mohammad ahmed 02/15/2024



#10  
Phenol  
Concen: 40.977 ng  
RT: 7.098 min Scan# 682  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

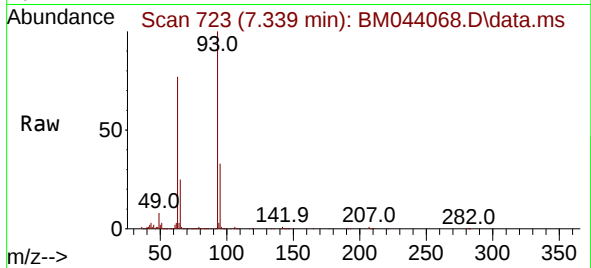
Tgt Ion: 94 Resp: 1501047  
Ion Ratio Lower Upper  
94 100  
65 27.5 6.4 46.4  
66 32.9 13.2 53.2





#11  
bis(2-Chloroethyl)ether  
Concen: 39.791 ng  
RT: 7.339 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

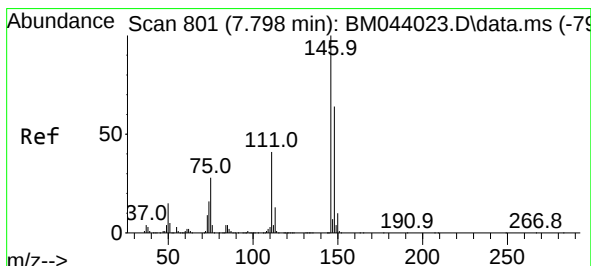
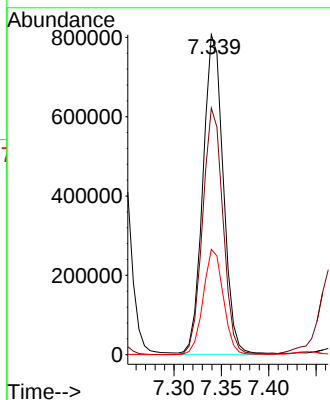
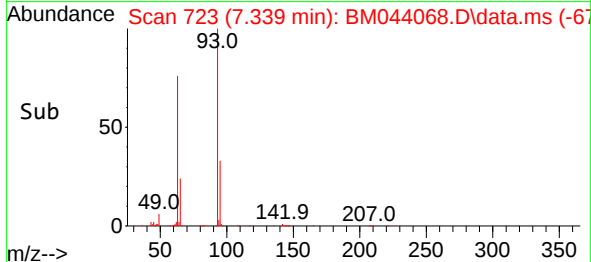
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 93 Resp: 1207029  
Ion Ratio Lower Upper  
93 100  
63 77.1 55.9 95.9  
95 32.9 13.0 53.0

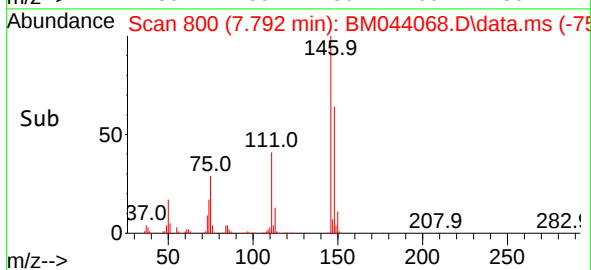
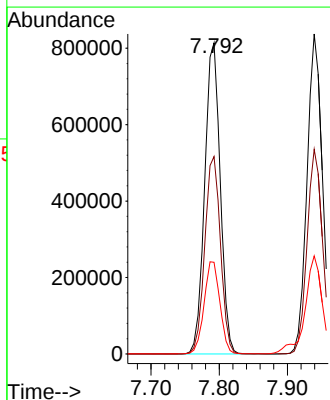
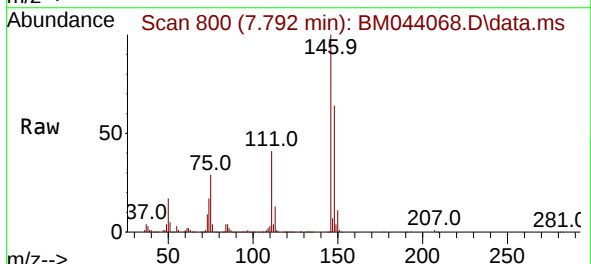
Manual Integrations  
APPROVED

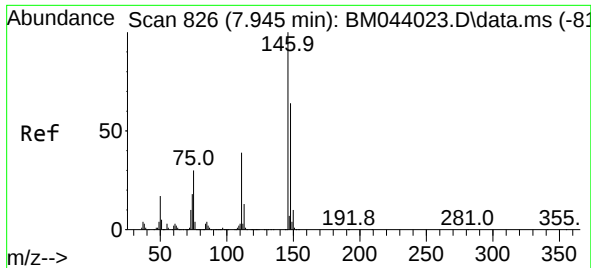
Reviewed By :Yogesh Patel 02/15/2024  
Supervised By :mohammad ahmed 02/15/2024



#12  
1,3-Dichlorobenzene  
Concen: 38.180 ng  
RT: 7.792 min Scan# 800  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

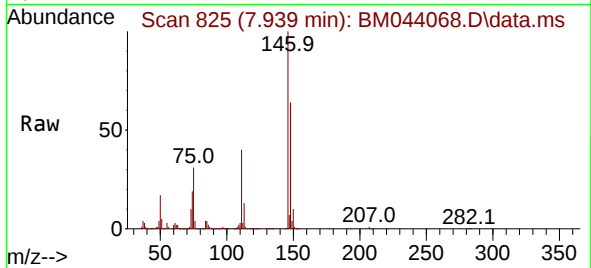
Tgt Ion:146 Resp: 1291329  
Ion Ratio Lower Upper  
146 100  
148 63.5 51.3 76.9  
75 29.5 22.7 34.1





#13  
1,4-Dichlorobenzene  
Concen: 38.298 ng  
RT: 7.939 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

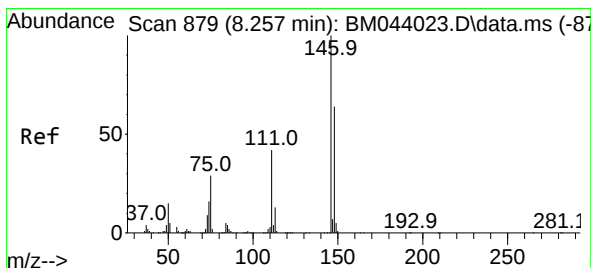
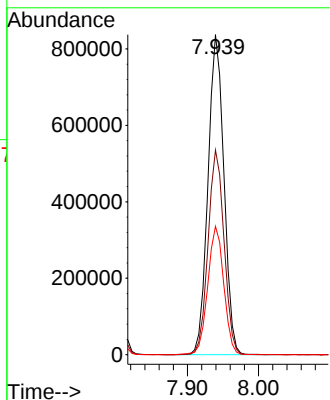
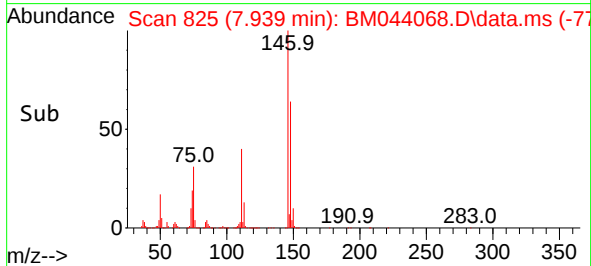
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



Tgt Ion:146 Resp: 1305704  
Ion Ratio Lower Upper  
146 100  
148 64.0 51.2 76.8  
111 40.1 31.2 46.8

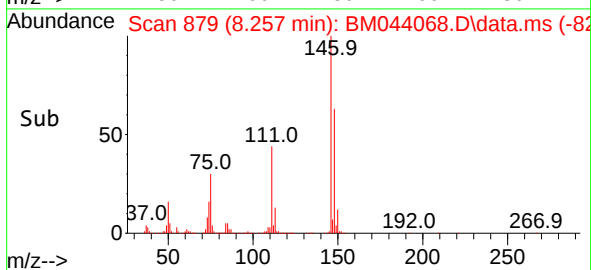
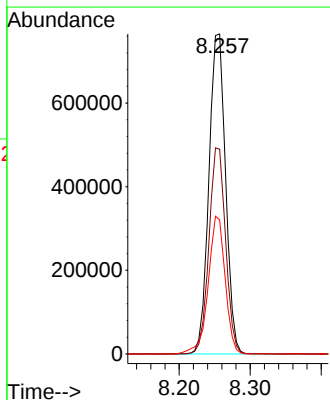
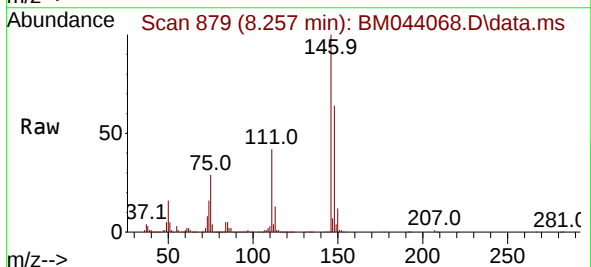
Manual Integrations  
APPROVED

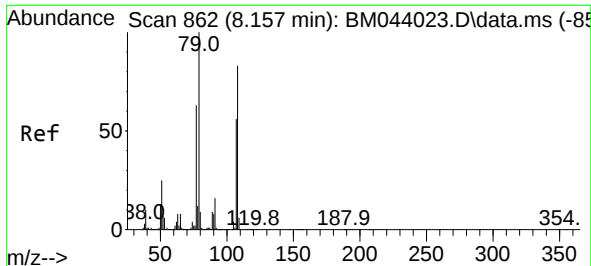
Reviewed By :Yogesh Patel 02/15/2024  
Supervised By :mohammad ahmed 02/15/2024



#14  
1,2-Dichlorobenzene  
Concen: 38.418 ng  
RT: 8.257 min Scan# 879  
Delta R.T. -0.000 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

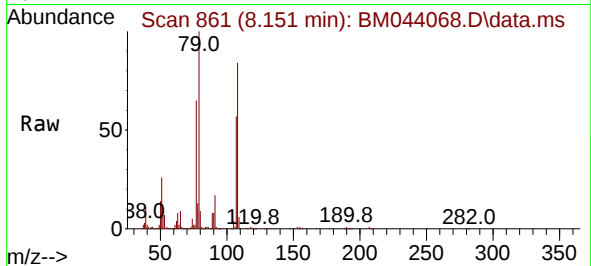
Tgt Ion:146 Resp: 1248042  
Ion Ratio Lower Upper  
146 100  
148 64.0 51.4 77.2  
111 41.9 33.7 50.5





#15  
Benzyl Alcohol  
Concen: 40.690 ng  
RT: 8.151 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

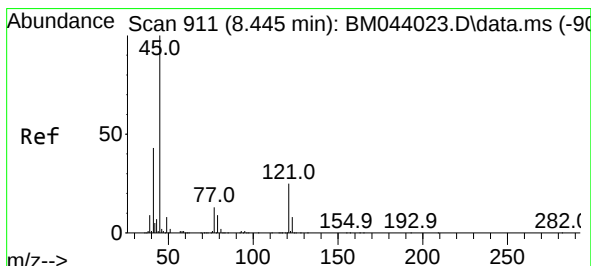
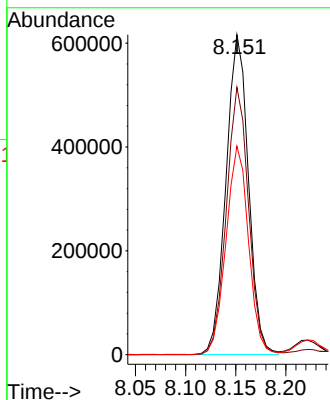
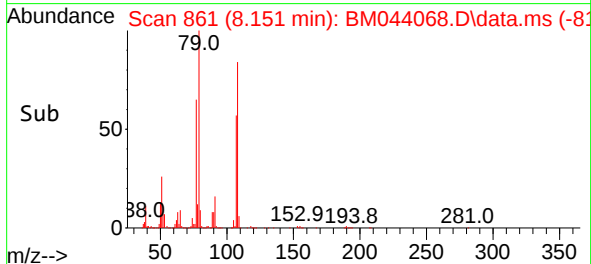
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 79 Resp: 961624  
Ion Ratio Lower Upper  
79 100  
108 83.6 66.0 99.0  
77 65.2 50.4 75.6

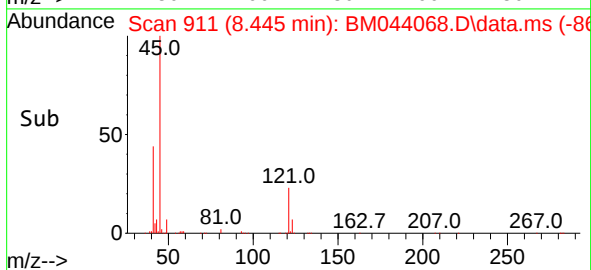
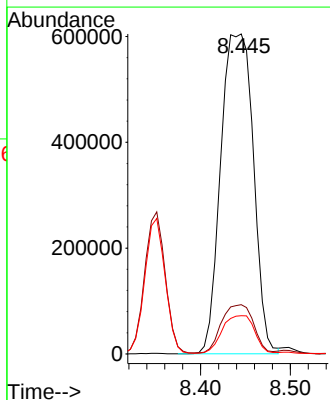
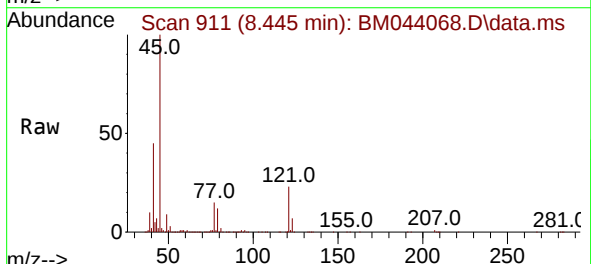
Manual Integrations  
APPROVED

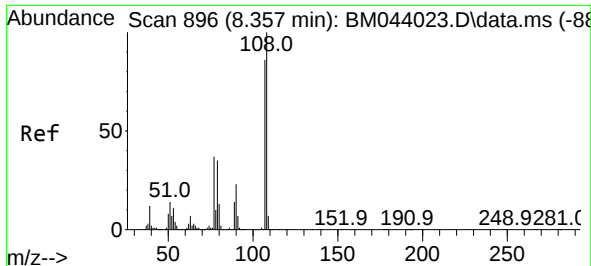
Reviewed By :Yogesh Patel 02/15/2024  
Supervised By :mohammad ahmed 02/15/2024



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.705 ng  
RT: 8.445 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

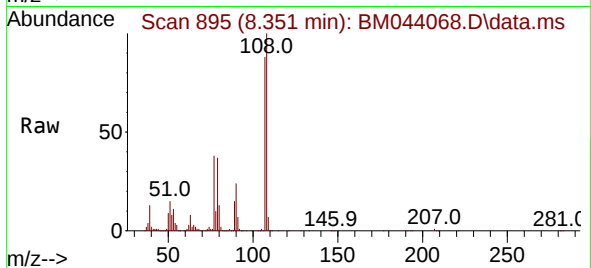
Tgt Ion: 45 Resp: 1526847  
Ion Ratio Lower Upper  
45 100  
77 15.4 0.0 35.1  
79 12.0 0.0 31.5





#17  
2-Methylphenol  
Concen: 40.238 ng  
RT: 8.351 min Scan# 896  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

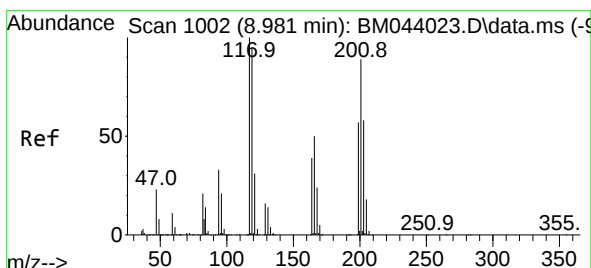
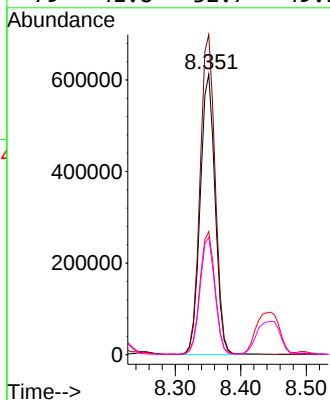
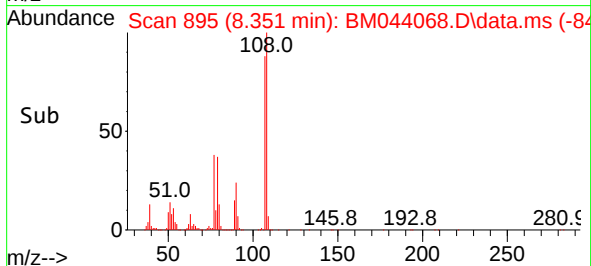
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



Tgt Ion:107 Resp: 967569  
Ion Ratio Lower Upper  
107 100  
108 114.1 93.4 140.2  
77 43.9 34.7 52.1  
79 41.8 32.7 49.1

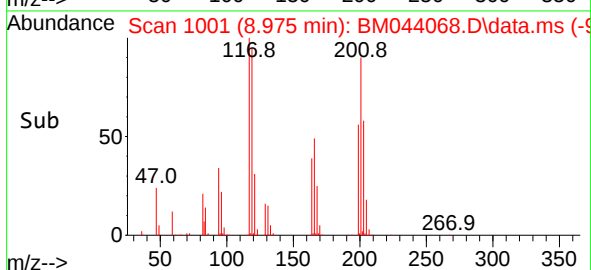
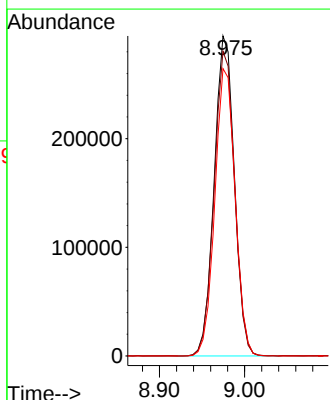
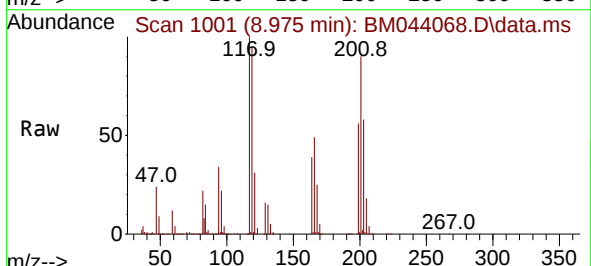
Manual Integrations  
APPROVED

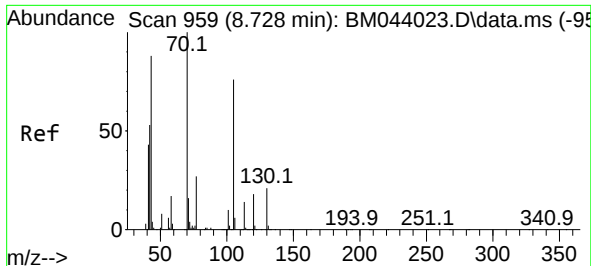
Reviewed By :Yogesh Patel 02/15/2024  
Supervised By :mohammad ahmed 02/15/2024



#18  
Hexachloroethane  
Concen: 38.168 ng  
RT: 8.975 min Scan# 1001  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

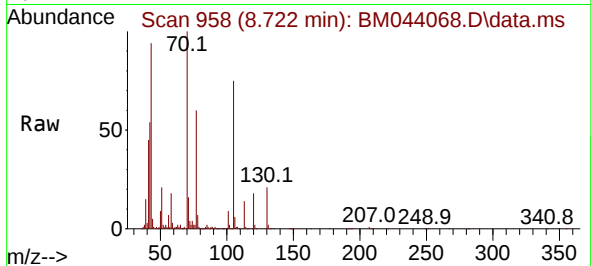
Tgt Ion:117 Resp: 487223  
Ion Ratio Lower Upper  
117 100  
119 95.2 75.7 113.5  
201 89.8 71.5 107.3





#19  
n-Nitroso-di-n-propylamine  
Concen: 41.938 ng  
RT: 8.722 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

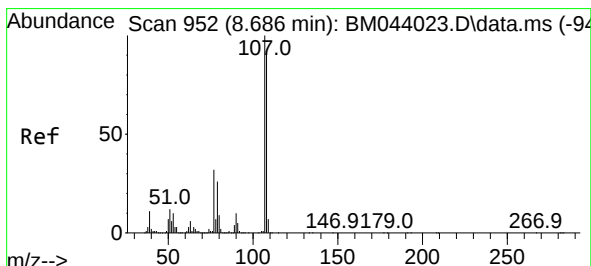
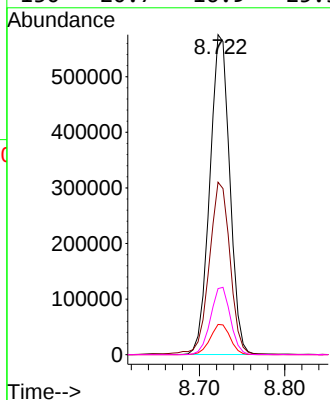
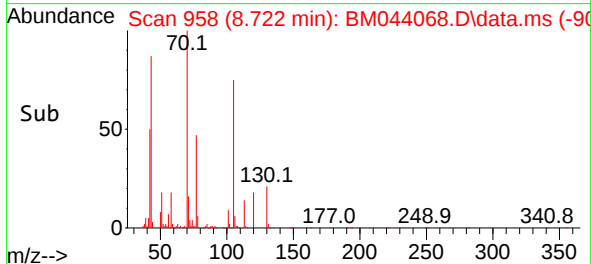
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



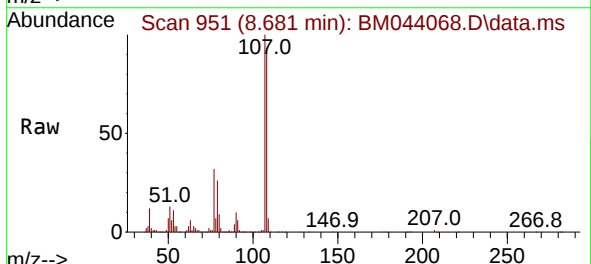
Tgt Ion: 70 Resp: 934702  
Ion Ratio Lower Upper  
70 100  
42 53.9 42.6 64.0  
101 9.4 7.8 11.6  
130 20.7 16.9 25.3

Manual Integrations  
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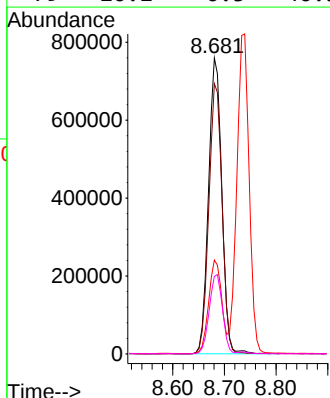
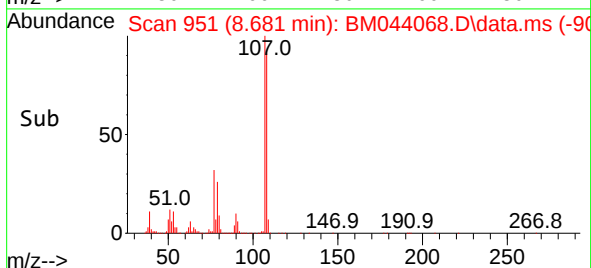
Reviewed By :Yogesh Patel 02/15/2024  
Supervised By :mohammad ahmed 02/15/2024

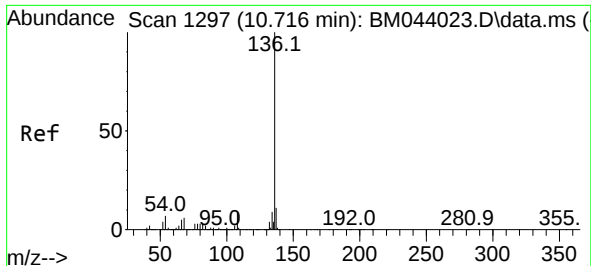


#20  
3+4-Methylphenols  
Concen: 40.899 ng  
RT: 8.681 min Scan# 951  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06



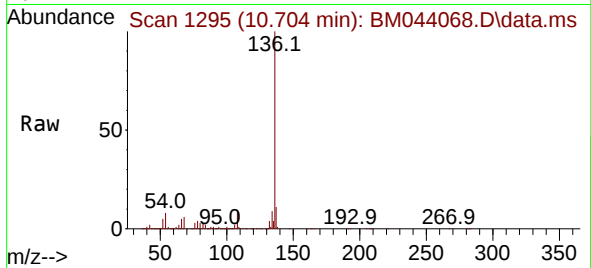
Tgt Ion:107 Resp: 1353554  
Ion Ratio Lower Upper  
107 100  
108 91.3 71.5 111.5  
77 31.8 11.8 51.8  
79 26.2 6.3 46.3





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.704 min Scan# 1295  
Delta R.T. -0.012 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

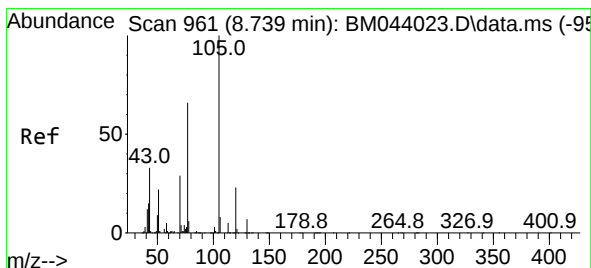
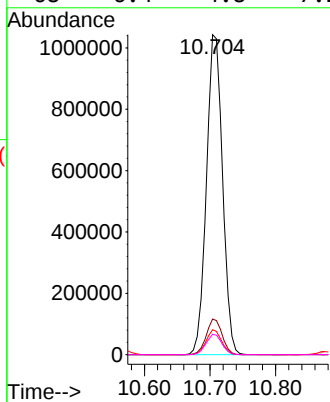
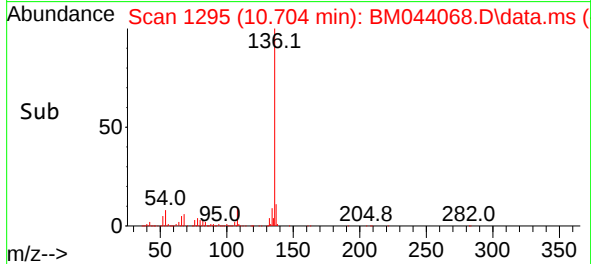
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



Tgt Ion:136 Resp: 1781550  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.9 13.3  
54 7.8 5.9 8.9  
68 6.4 4.8 7.2

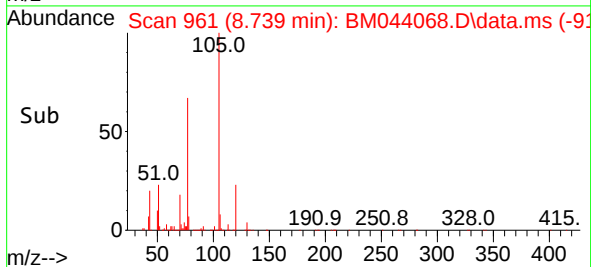
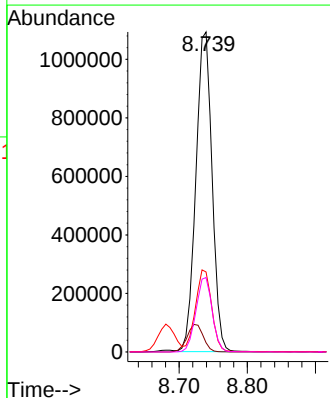
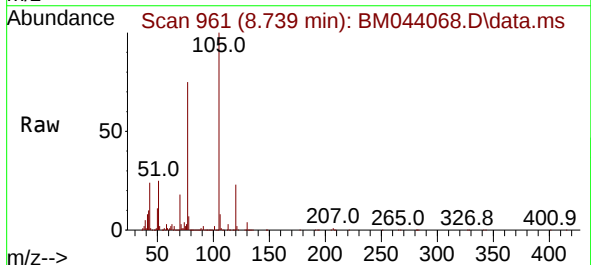
Manual Integrations  
APPROVED

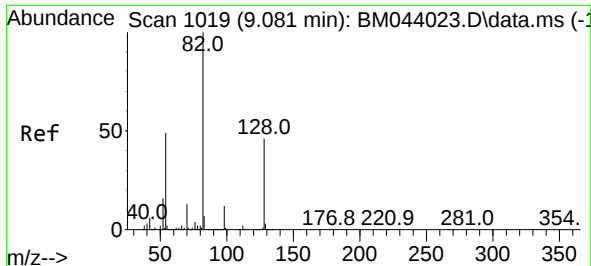
Reviewed By :Yogesh Patel 02/15/2024  
Supervised By :mohammad ahmed 02/15/2024



#22  
Acetophenone  
Concen: 39.739 ng  
RT: 8.739 min Scan# 961  
Delta R.T. -0.000 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

Tgt Ion:105 Resp: 1797040  
Ion Ratio Lower Upper  
105 100  
71 2.9 4.0 6.0#  
51 25.0 20.1 30.1  
120 23.3 18.7 28.1





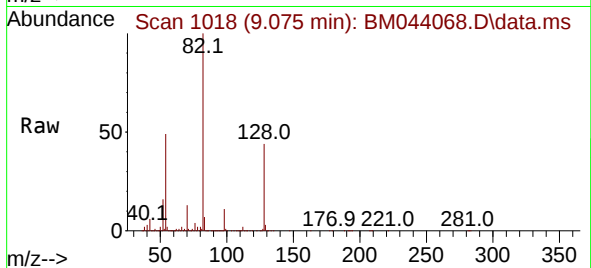
#23  
Nitrobenzene-d5  
Concen: 80.536 ng  
RT: 9.075 min Scan# 1018  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040



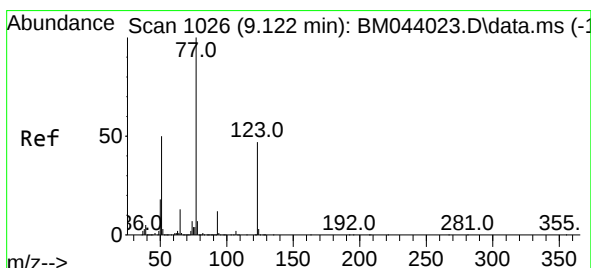
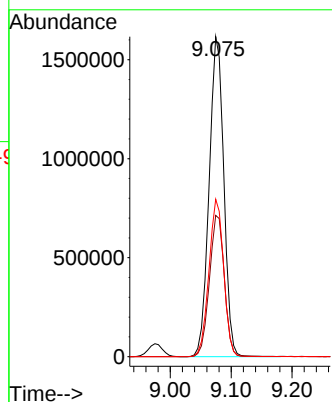
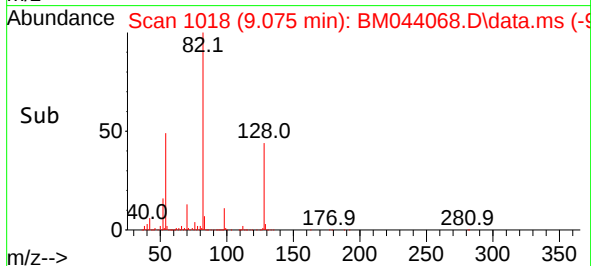
Tgt Ion: 82 Resp: 2703928  
Ion Ratio Lower Upper  
82 100  
128 44.2 37.1 55.7  
54 49.2 38.9 58.3

Manual Integrations

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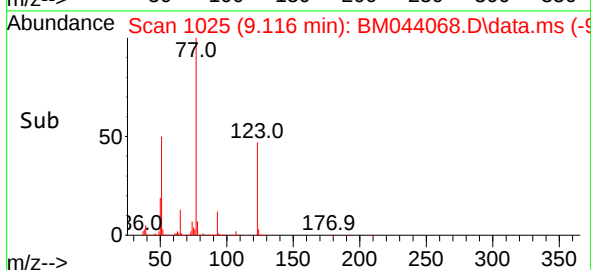
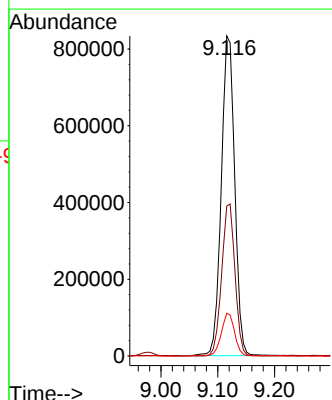
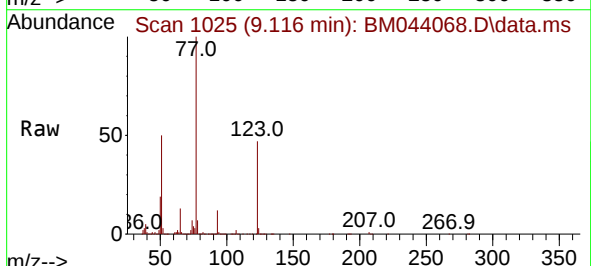
Reviewed By :Yogesh Patel 02/15/2024

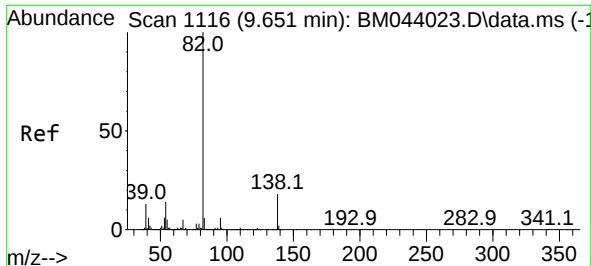
Supervised By :mohammad ahmed 02/15/2024



#24  
Nitrobenzene  
Concen: 39.903 ng  
RT: 9.116 min Scan# 1025  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

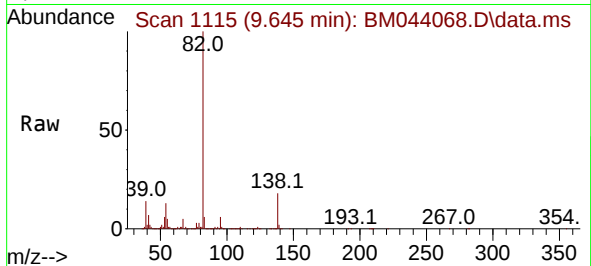
Tgt Ion: 77 Resp: 1371907  
Ion Ratio Lower Upper  
77 100  
123 46.8 37.8 56.8  
65 13.3 10.5 15.7





#25  
Isophorone  
Concen: 40.558 ng  
RT: 9.645 min Scan# 1115  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

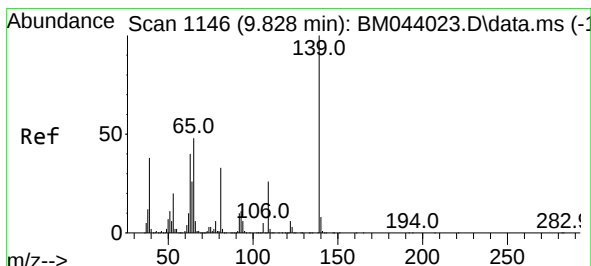
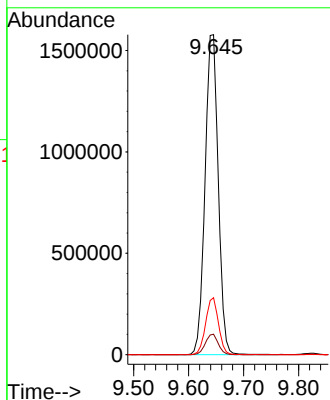
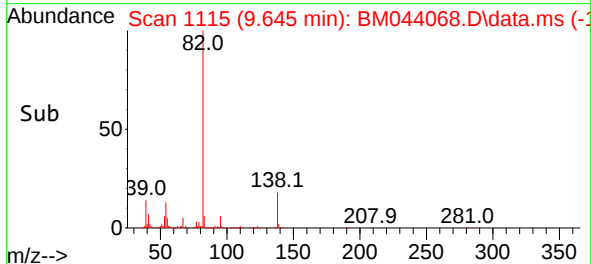
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



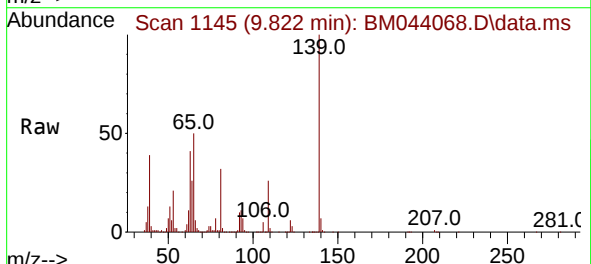
Tgt Ion: 82 Resp: 262204  
Ion Ratio Lower Upper  
82 100  
95 6.4 5.2 7.8  
138 17.8 14.3 21.5

Manual Integrations  
APPROVED

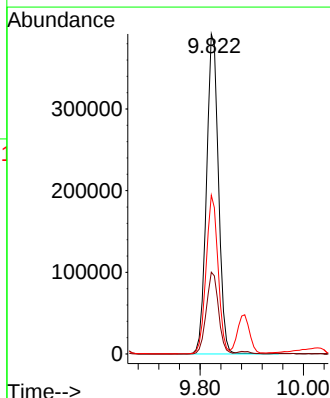
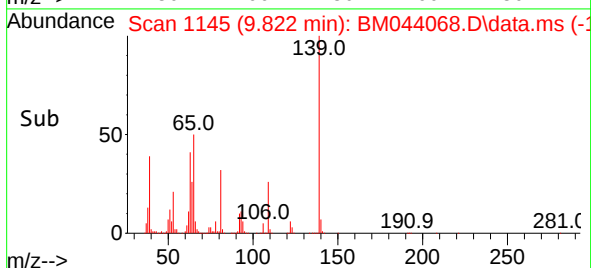
Reviewed By :Yogesh Patel 02/15/2024  
Supervised By :mohammad ahmed 02/15/2024

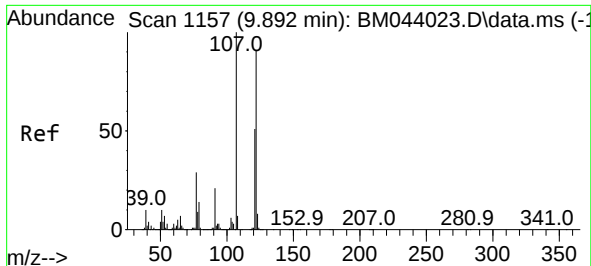


#26  
2-Nitrophenol  
Concen: 39.503 ng  
RT: 9.822 min Scan# 1145  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06



Tgt Ion:139 Resp: 629684  
Ion Ratio Lower Upper  
139 100  
109 25.5 21.2 31.8  
65 49.6 38.5 57.7





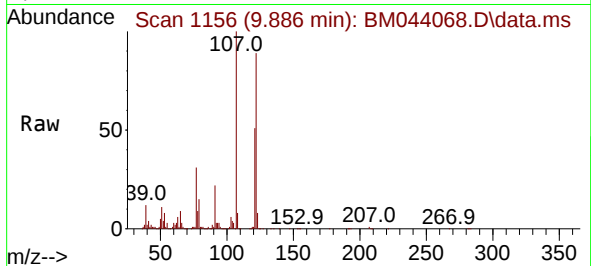
#27  
2,4-Dimethylphenol  
Concen: 39.487 ng  
RT: 9.886 min Scan# 1156  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040



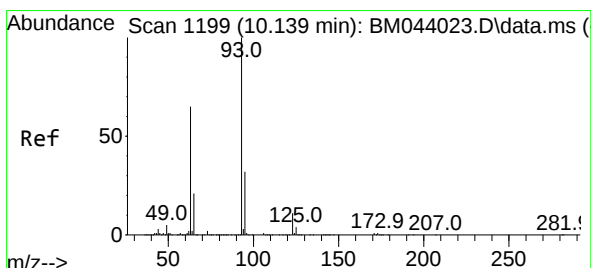
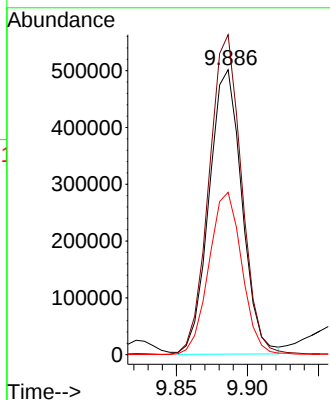
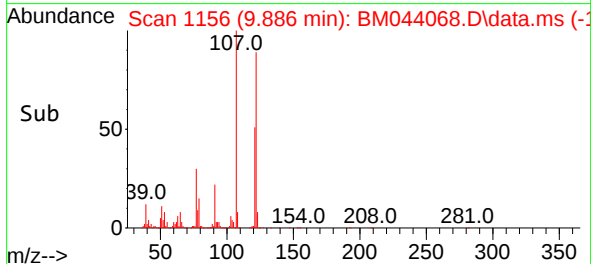
Tgt Ion:122 Resp: 804828  
Ion Ratio Lower Upper  
122 100  
107 112.3 87.8 131.8  
121 57.0 44.7 67.1

Manual Integrations

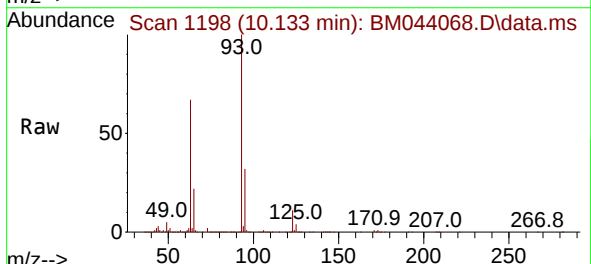
APPROVED

Reviewed By :Yogesh Patel 02/15/2024

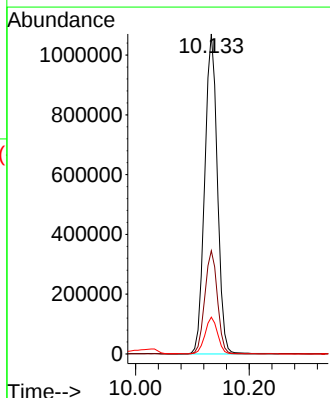
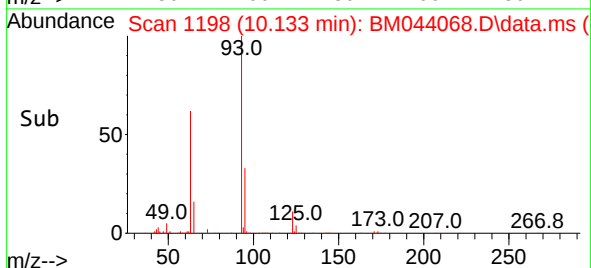
Supervised By :mohammad ahmed 02/15/2024

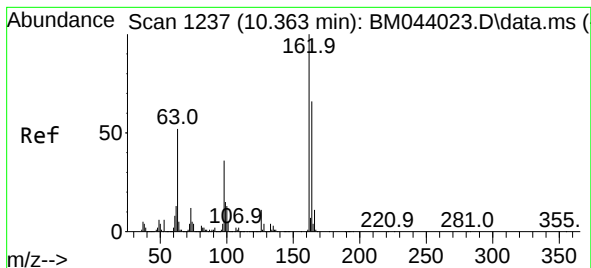


#28  
bis(2-Chloroethoxy)methane  
Concen: 39.493 ng  
RT: 10.133 min Scan# 1198  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06



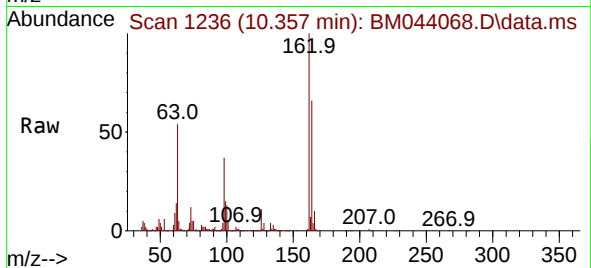
Tgt Ion: 93 Resp: 1651212  
Ion Ratio Lower Upper  
93 100  
95 32.3 26.0 39.0  
123 11.5 9.2 13.8





#29  
2,4-Dichlorophenol  
Concen: 39.281 ng  
RT: 10.357 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

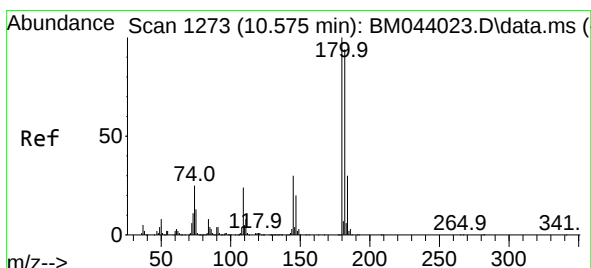
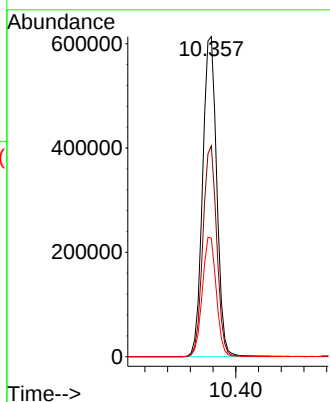
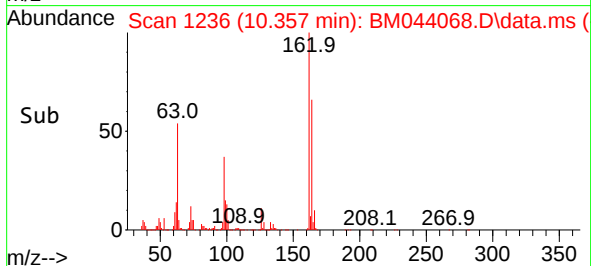
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



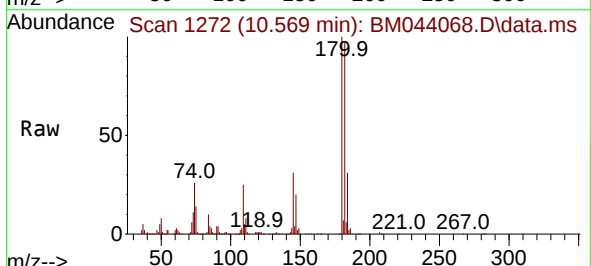
Tgt Ion:162 Resp: 105409  
Ion Ratio Lower Upper  
162 100  
164 65.8 46.1 86.1  
98 37.0 15.9 55.9

Manual Integrations  
APPROVED

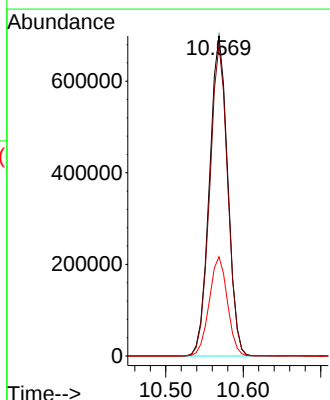
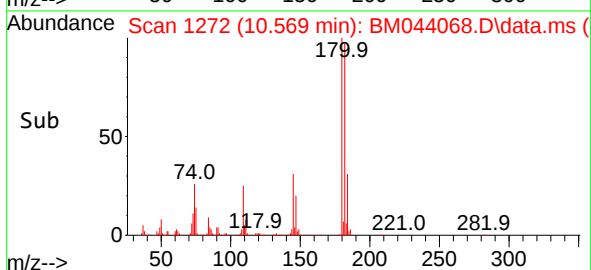
Reviewed By :Yogesh Patel 02/15/2024  
Supervised By :mohammad ahmed 02/15/2024

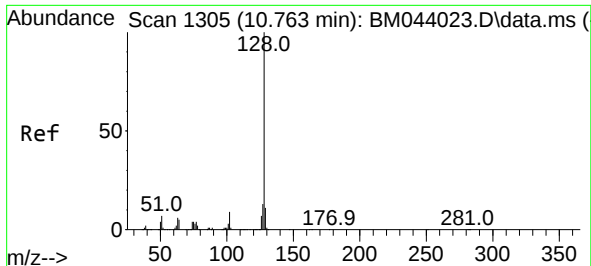


#30  
1,2,4-Trichlorobenzene  
Concen: 37.807 ng  
RT: 10.569 min Scan# 1272  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06



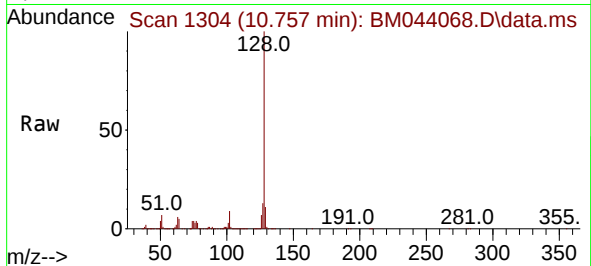
Tgt Ion:180 Resp: 1140807  
Ion Ratio Lower Upper  
180 100  
182 97.2 75.2 112.8  
145 31.0 24.3 36.5





#31  
Naphthalene  
Concen: 38.492 ng  
RT: 10.757 min Scan# 1180  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

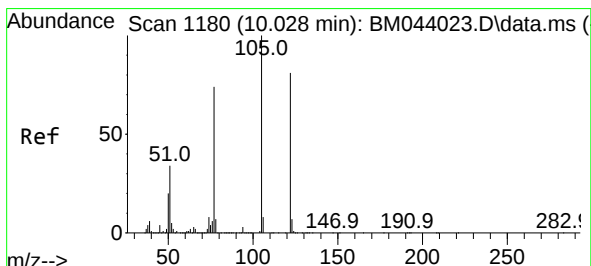
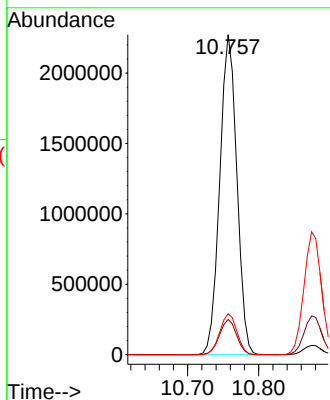
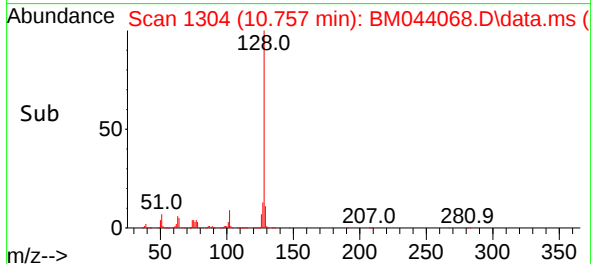
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



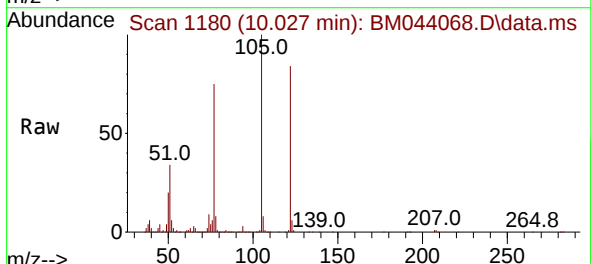
Tgt Ion:128 Resp: 378479  
Ion Ratio Lower Upper  
128 100  
129 11.0 9.0 13.4  
127 12.8 10.3 15.5

Manual Integrations  
APPROVED

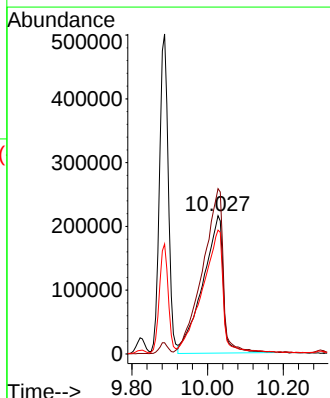
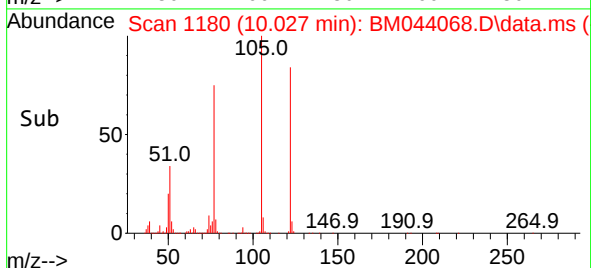
Reviewed By :Yogesh Patel 02/15/2024  
Supervised By :mohammad ahmed 02/15/2024

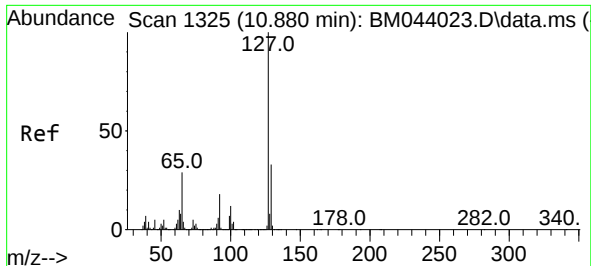


#32  
Benzoic acid  
Concen: 39.249 ng  
RT: 10.027 min Scan# 1180  
Delta R.T. -0.001 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06



Tgt Ion:122 Resp: 805851  
Ion Ratio Lower Upper  
122 100  
105 119.5 100.1 140.1  
77 89.5 69.6 109.6





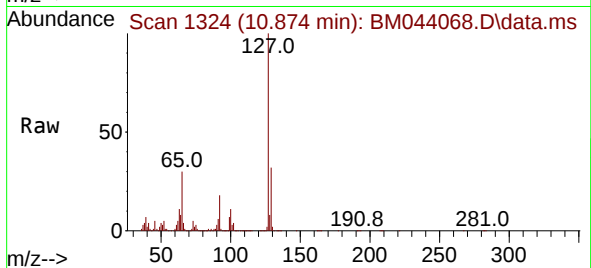
#33  
4-Chloroaniline  
Concen: 40.469 ng  
RT: 10.874 min Scan# 1324  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040



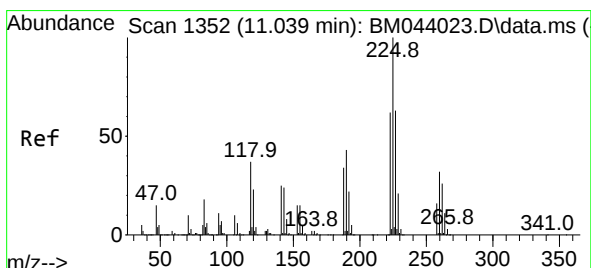
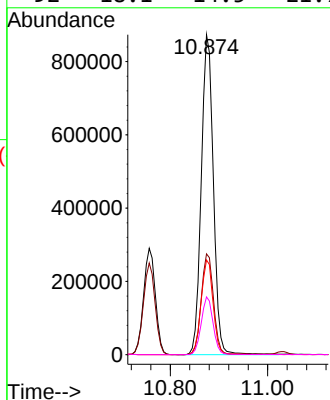
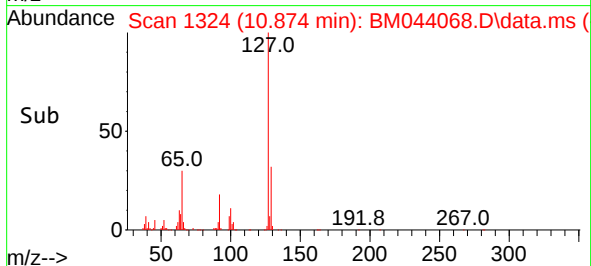
Tgt Ion:127 Resp: 1506758  
Ion Ratio Lower Upper  
127 100  
129 31.5 26.0 39.0  
65 29.6 23.0 34.6  
92 18.1 14.5 21.7

Manual Integrations

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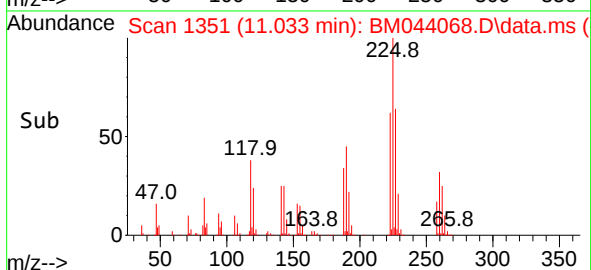
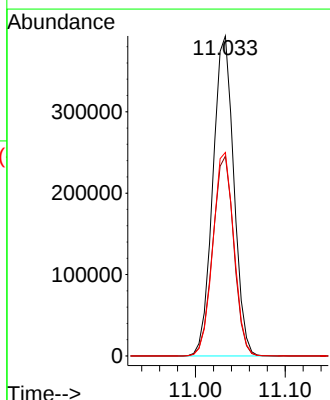
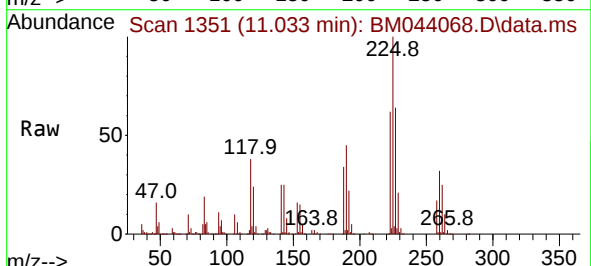
Reviewed By :Yogesh Patel 02/15/2024

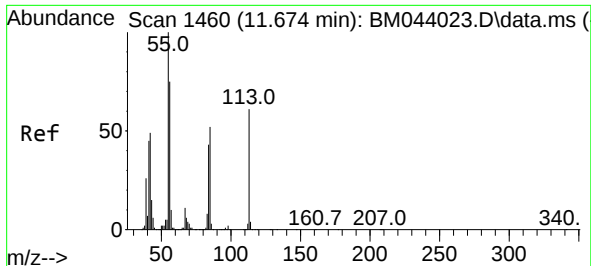
Supervised By :mohammad ahmed 02/15/2024



#34  
Hexachlorobutadiene  
Concen: 36.869 ng  
RT: 11.033 min Scan# 1351  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

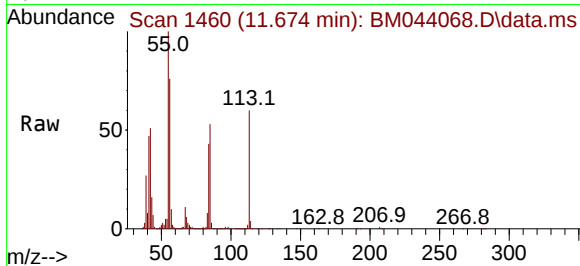
Tgt Ion:225 Resp: 636789  
Ion Ratio Lower Upper  
225 100  
223 62.5 49.9 74.9  
227 63.6 50.6 76.0





#35  
Caprolactam  
Concen: 43.541 ng  
RT: 11.674 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

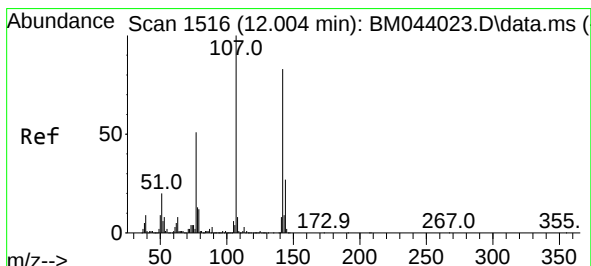
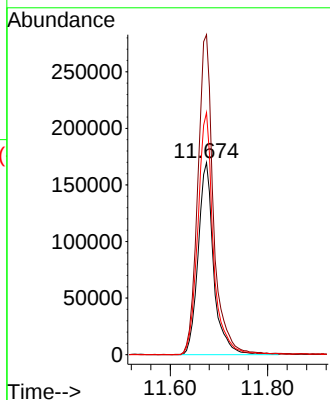
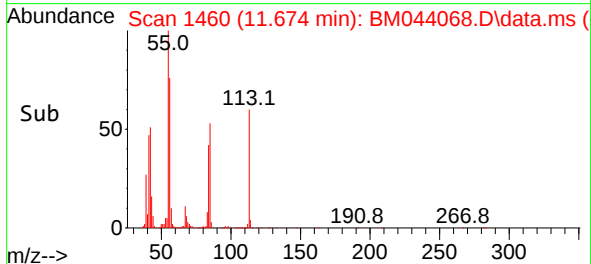
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



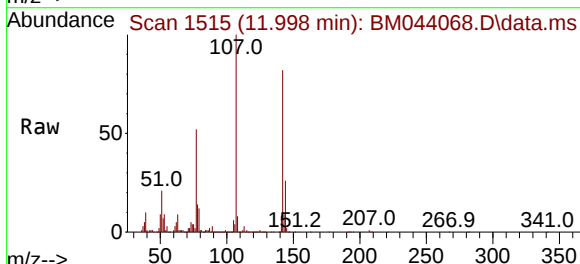
Tgt Ion:113 Resp: 37598  
Ion Ratio Lower Upper  
113 100  
55 166.6 145.6 185.6  
56 126.0 103.3 143.3

Manual Integrations  
APPROVED

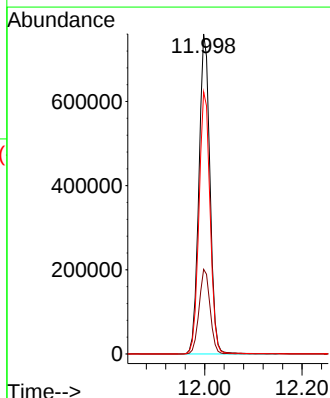
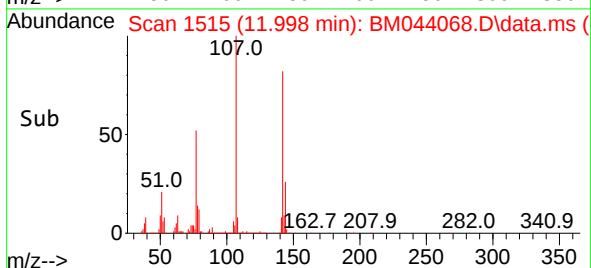
Reviewed By :Yogesh Patel 02/15/2024  
Supervised By :mohammad ahmed 02/15/2024

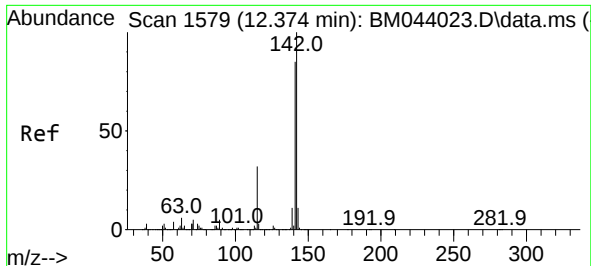


#36  
4-Chloro-3-methylphenol  
Concen: 41.176 ng  
RT: 11.998 min Scan# 1515  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06



Tgt Ion:107 Resp: 1196479  
Ion Ratio Lower Upper  
107 100  
144 26.5 21.3 31.9  
142 81.9 66.2 99.4





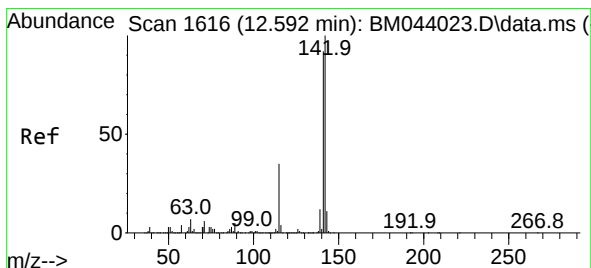
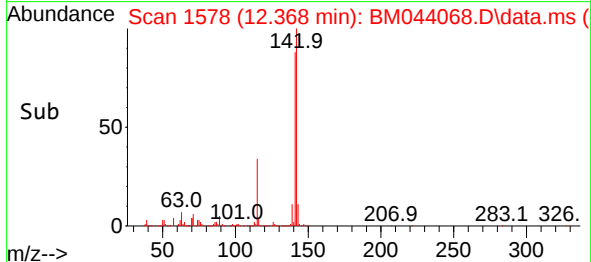
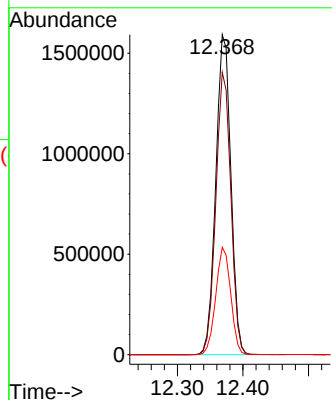
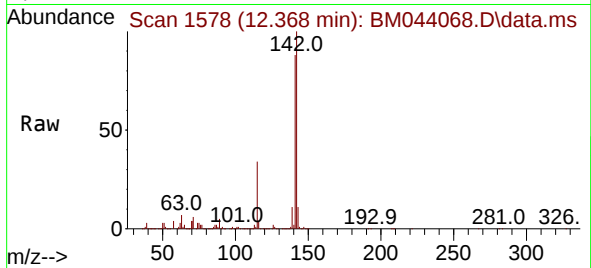
#37  
2-Methylnaphthalene  
Concen: 38.777 ng  
RT: 12.368 min Scan# 1578  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tgt Ion:142 Resp: 253976  
Ion Ratio Lower Upper  
142 100  
141 88.3 68.3 102.5  
115 33.5 25.7 38.5

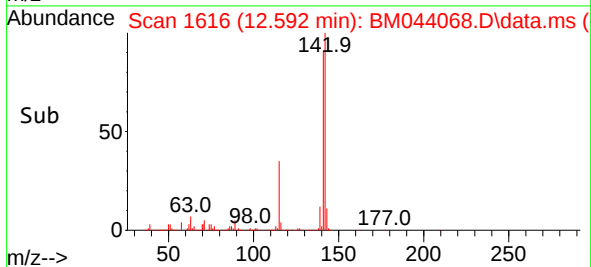
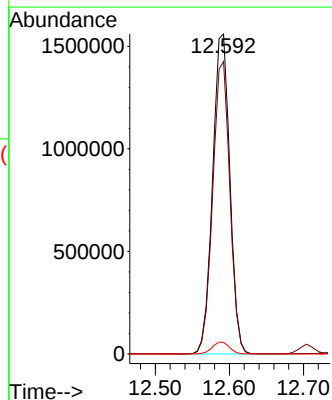
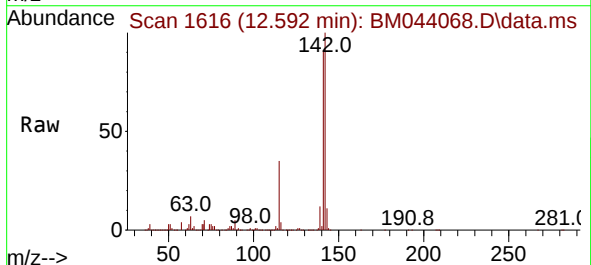
Manual Integrations  
APPROVED

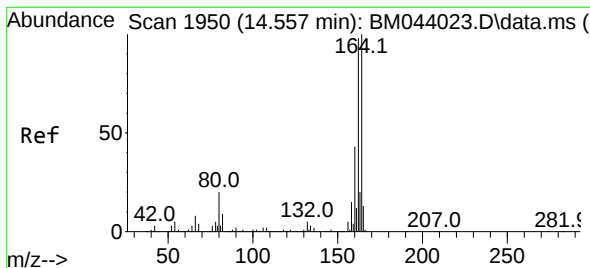
Reviewed By :Yogesh Patel 02/15/2024  
Supervised By :mohammad ahmed 02/15/2024



#38  
1-Methylnaphthalene  
Concen: 39.044 ng  
RT: 12.592 min Scan# 1616  
Delta R.T. -0.000 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

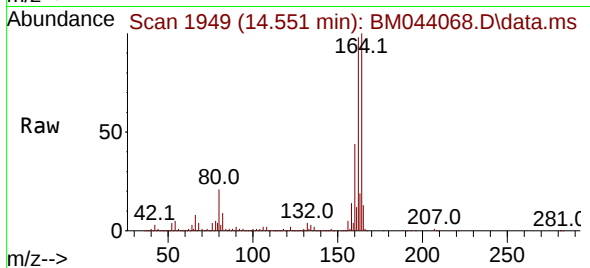
Tgt Ion:142 Resp: 2512802  
Ion Ratio Lower Upper  
142 100  
141 91.4 73.4 110.0  
116 3.6 3.0 4.4





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.551 min Scan# 1950  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

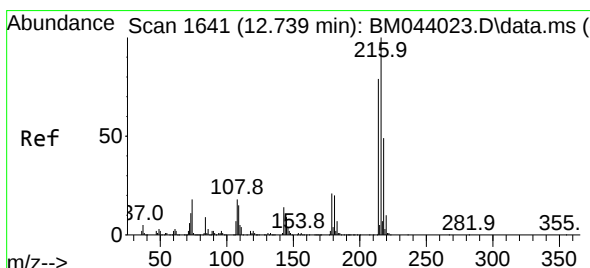
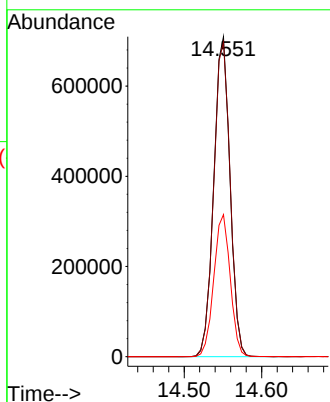
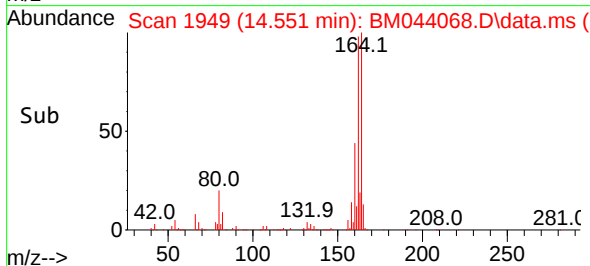
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



Tgt Ion:164 Resp: 103083  
Ion Ratio Lower Upper  
164 100  
162 98.3 78.4 117.6  
160 44.4 34.6 51.8

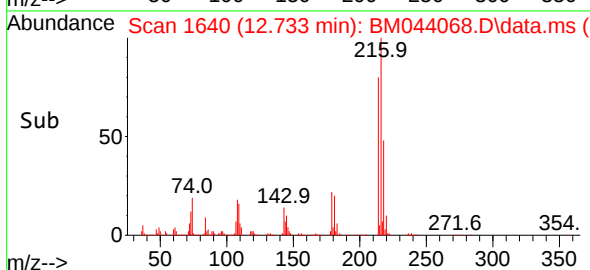
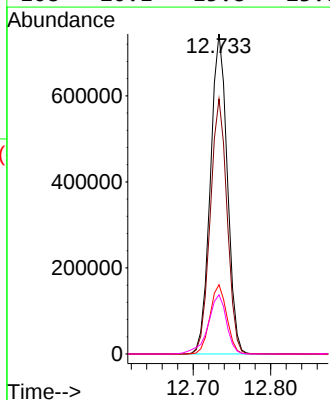
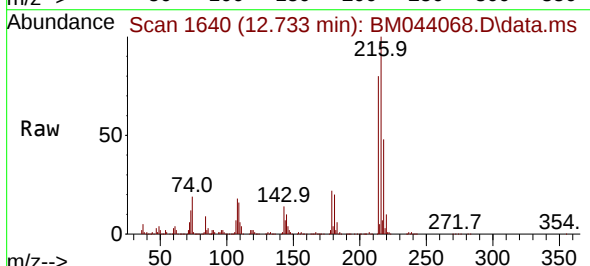
Manual Integrations  
APPROVED

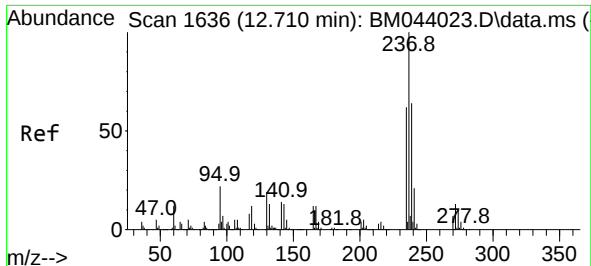
Reviewed By :Yogesh Patel 02/15/2024  
Supervised By :mohammad ahmed 02/15/2024



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 37.581 ng  
RT: 12.733 min Scan# 1640  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

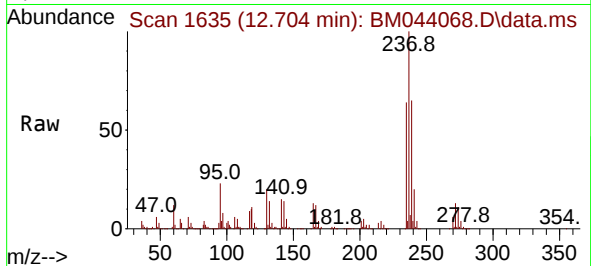
Tgt Ion:216 Resp: 1126030  
Ion Ratio Lower Upper  
216 100  
214 79.1 63.1 94.7  
179 21.4 17.0 25.6  
108 20.1 15.8 23.8





#41  
Hexachlorocyclopentadiene  
Concen: 36.403 ng  
RT: 12.704 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

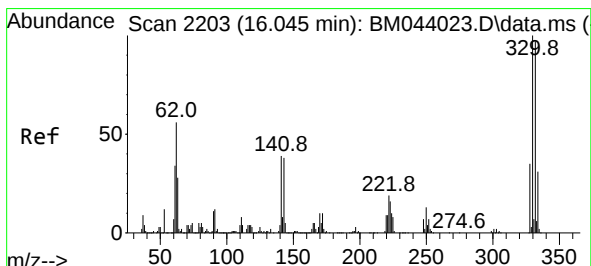
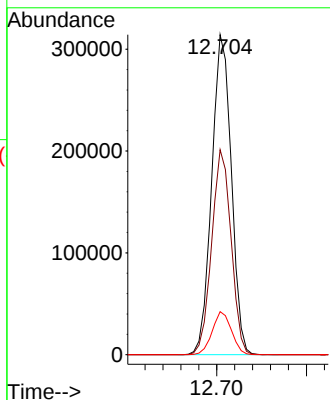
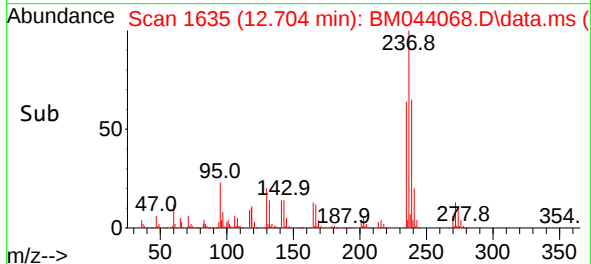
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



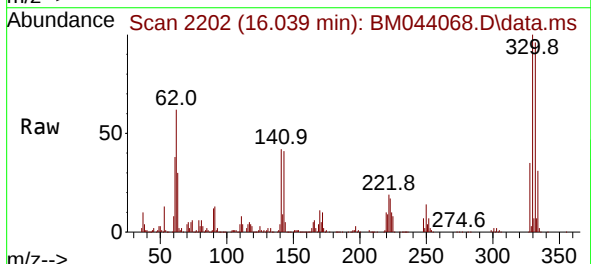
Tgt Ion:237 Resp: 476012  
Ion Ratio Lower Upper  
237 100  
235 64.1 42.4 82.4  
272 13.4 0.0 33.3

Manual Integrations  
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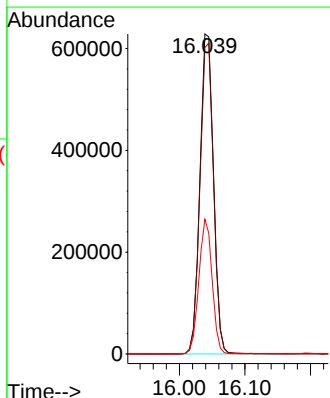
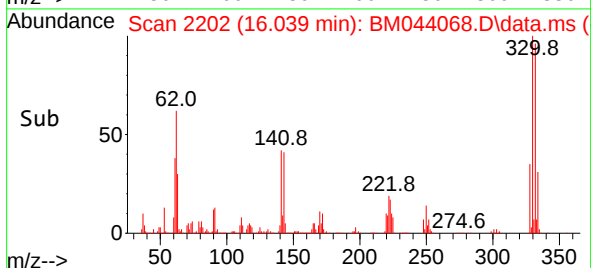
Reviewed By :Yogesh Patel 02/15/2024  
Supervised By :mohammad ahmed 02/15/2024

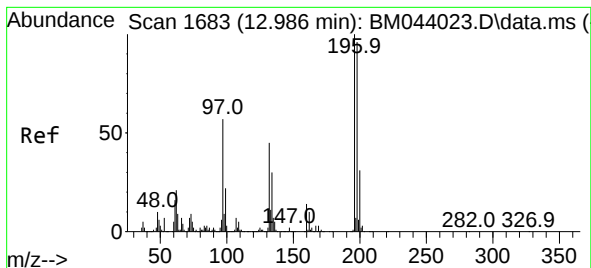


#42  
2,4,6-Tribromophenol  
Concen: 81.405 ng  
RT: 16.039 min Scan# 2202  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06



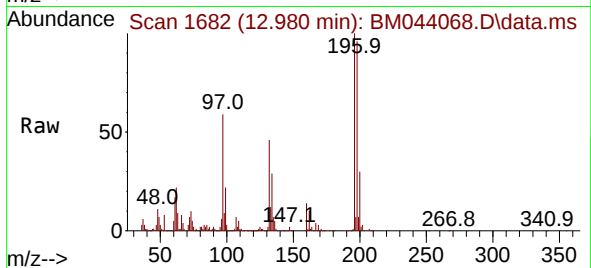
Tgt Ion:330 Resp: 908567  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.7 116.5  
141 41.1 31.0 46.4





#43  
2,4,6-Trichlorophenol  
Concen: 39.396 ng  
RT: 12.980 min Scan# 1682  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

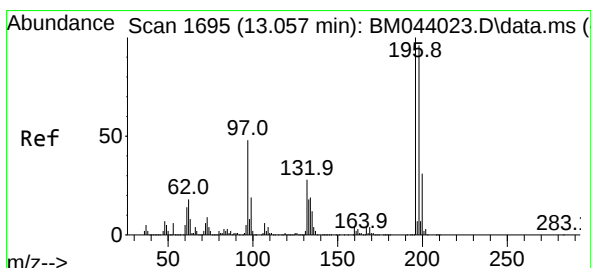
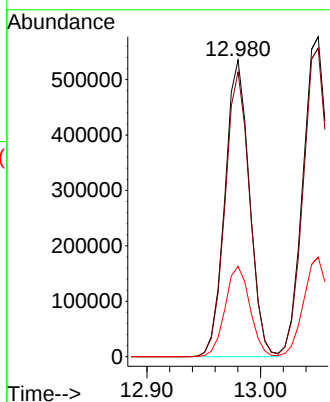
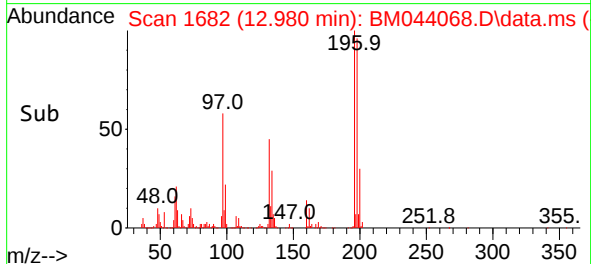
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



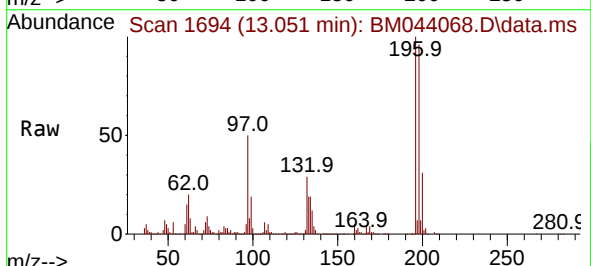
Tgt Ion:196 Resp: 803329  
Ion Ratio Lower Upper  
196 100  
198 95.9 76.8 115.2  
200 30.5 24.6 37.0

Manual Integrations  
APPROVED

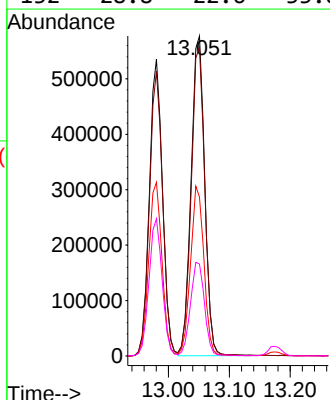
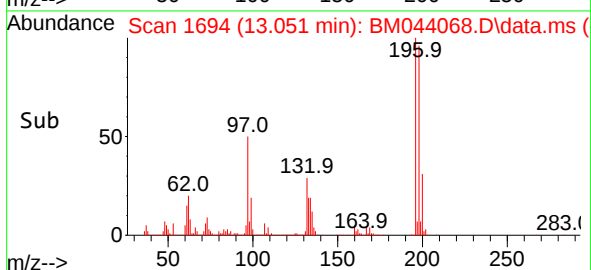
Reviewed By :Yogesh Patel 02/15/2024  
Supervised By :mohammad ahmed 02/15/2024

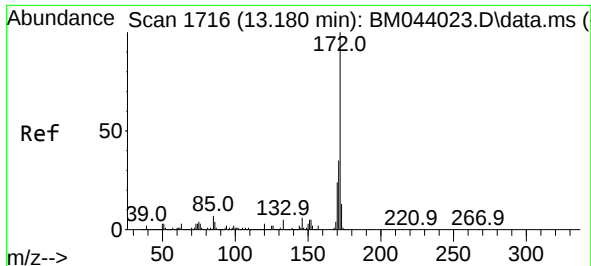


#44  
2,4,5-Trichlorophenol  
Concen: 40.097 ng  
RT: 13.051 min Scan# 1694  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06



Tgt Ion:196 Resp: 897259  
Ion Ratio Lower Upper  
196 100  
198 96.4 76.9 115.3  
97 49.6 39.0 58.4  
132 28.8 22.6 33.8





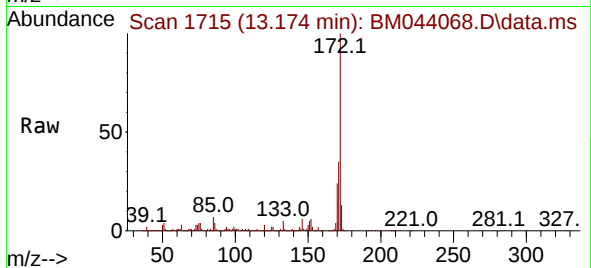
#45  
2-Fluorobiphenyl  
Concen: 76.800 ng  
RT: 13.174 min Scan# 1715  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040



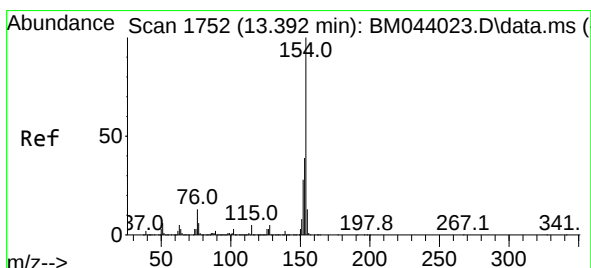
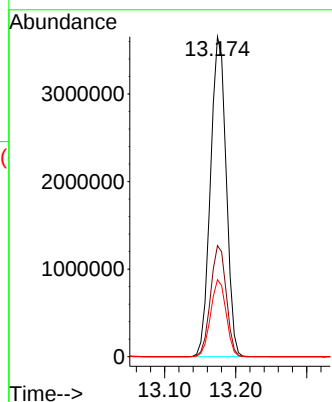
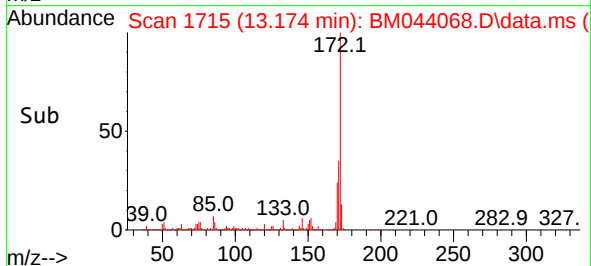
Tgt Ion:172 Resp: 560946  
Ion Ratio Lower Upper  
172 100  
171 34.7 27.9 41.9  
170 24.1 19.0 28.4

Manual Integrations

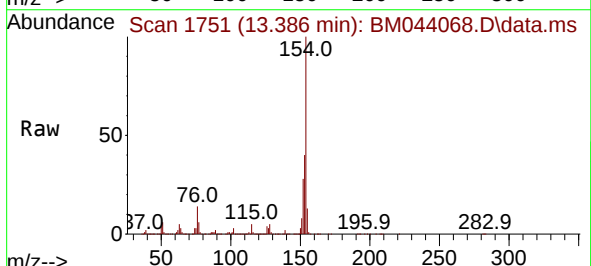
APPROVED

Reviewed By :Yogesh Patel 02/15/2024

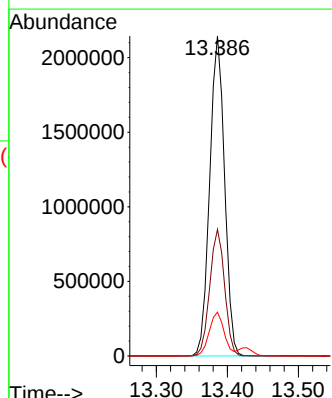
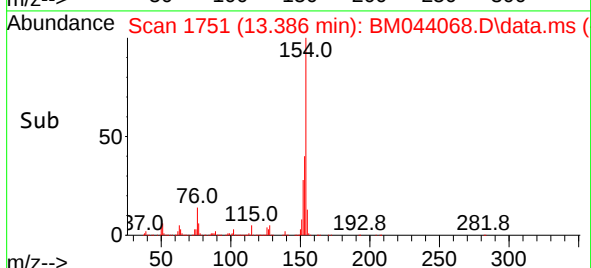
Supervised By :mohammad ahmed 02/15/2024

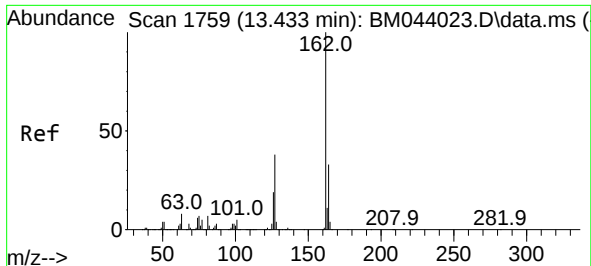


#46  
1,1'-Biphenyl  
Concen: 38.345 ng  
RT: 13.386 min Scan# 1751  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06



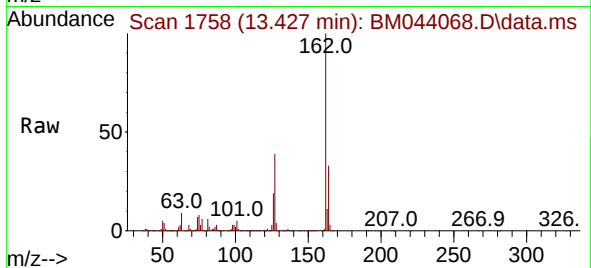
Tgt Ion:154 Resp: 3119033  
Ion Ratio Lower Upper  
154 100  
153 39.5 19.4 59.4  
76 13.7 0.0 32.9





#47  
2-Chloronaphthalene  
Concen: 38.682 ng  
RT: 13.427 min Scan# 1759  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

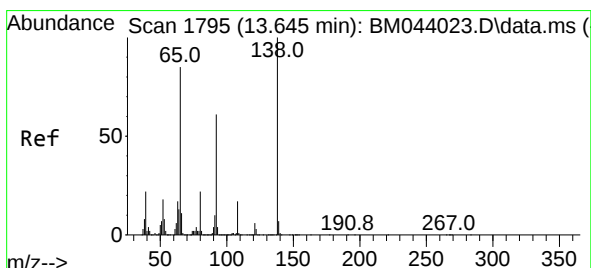
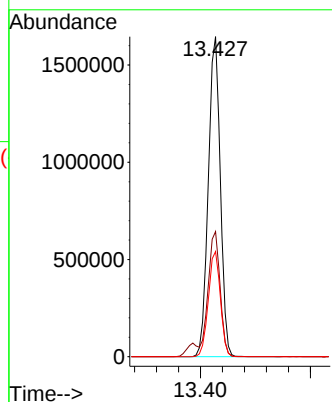
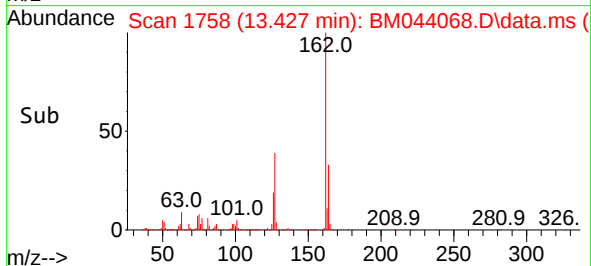
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



Tgt Ion:162 Resp: 2492400  
Ion Ratio Lower Upper  
162 100  
127 39.1 30.9 46.3  
164 32.9 26.4 39.6

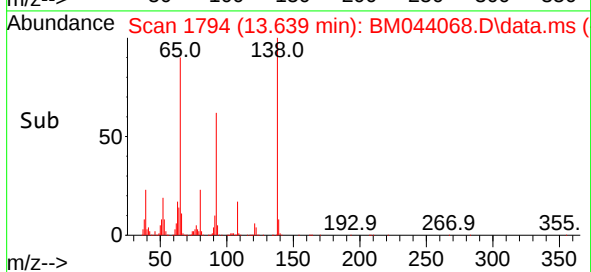
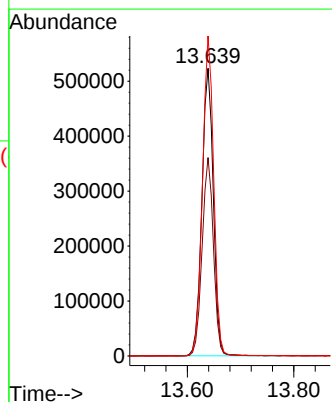
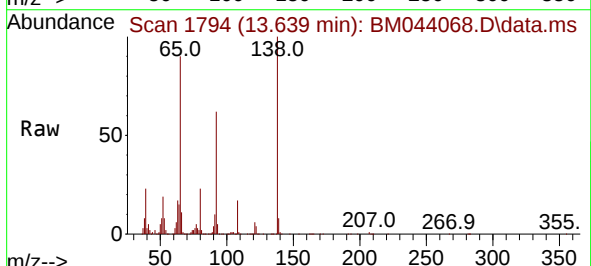
Manual Integrations  
APPROVED

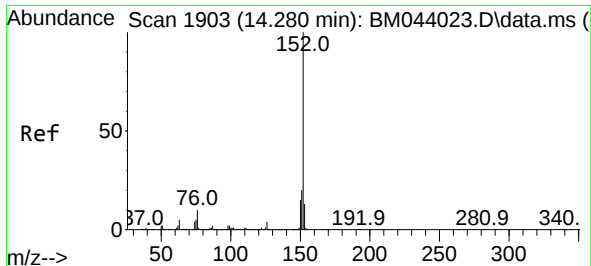
Reviewed By :Yogesh Patel 02/15/2024  
Supervised By :mohammad ahmed 02/15/2024



#48  
2-Nitroaniline  
Concen: 43.072 ng  
RT: 13.639 min Scan# 1794  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

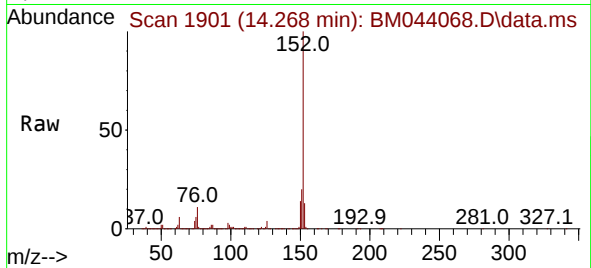
Tgt Ion: 65 Resp: 780752  
Ion Ratio Lower Upper  
65 100  
92 69.0 58.1 87.1  
138 111.2 94.6 142.0





#49  
Acenaphthylene  
Concen: 39.271 ng  
RT: 14.268 min Scan# 1901  
Delta R.T. -0.012 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

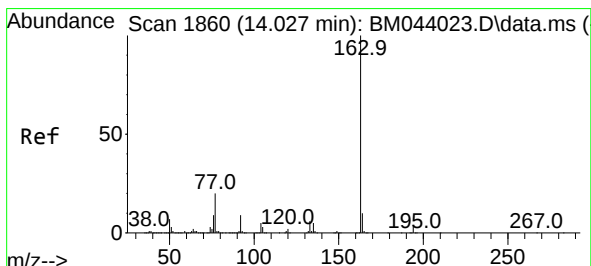
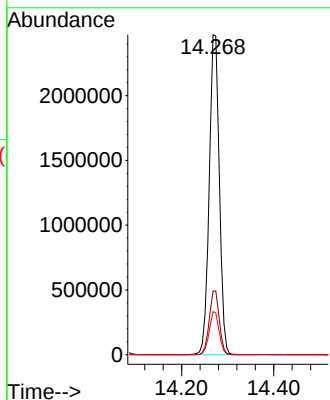
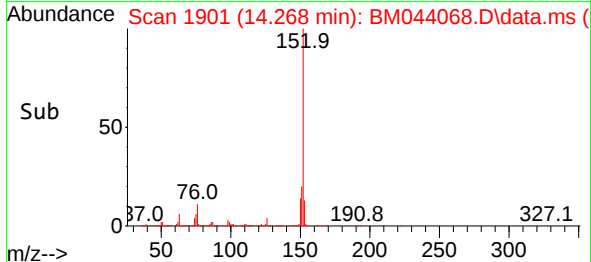
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



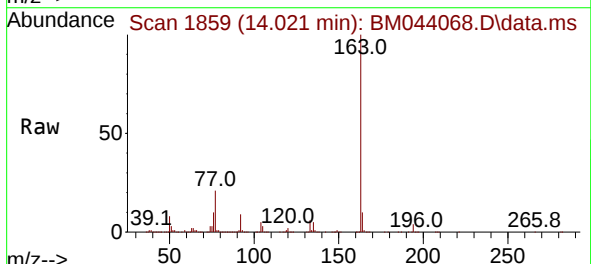
Tgt Ion:152 Resp: 377499  
Ion Ratio Lower Upper  
152 100  
151 19.9 15.8 23.6  
153 13.5 10.5 15.7

Manual Integrations  
APPROVED

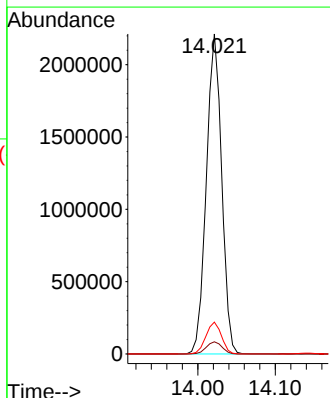
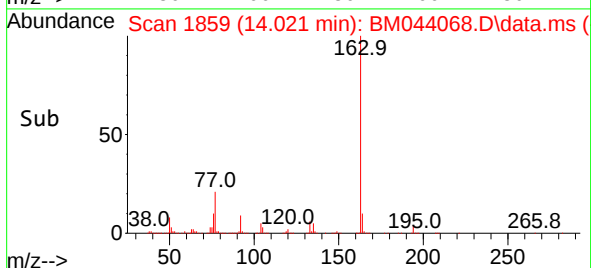
Reviewed By :Yogesh Patel 02/15/2024  
Supervised By :mohammad ahmed 02/15/2024

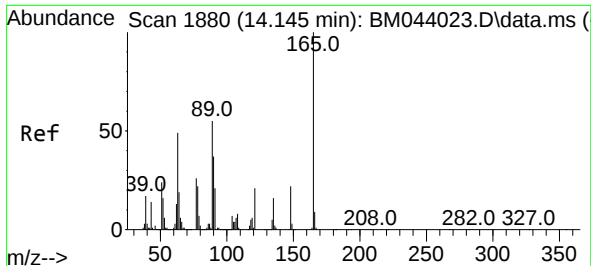


#50  
Dimethylphthalate  
Concen: 39.727 ng  
RT: 14.021 min Scan# 1859  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06



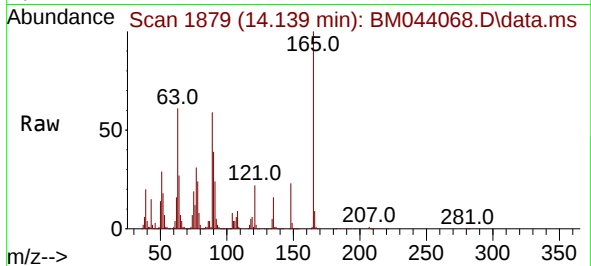
Tgt Ion:163 Resp: 3036389  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.1 4.7  
164 9.9 8.2 12.2





#51  
2,6-Dinitrotoluene  
Concen: 40.517 ng  
RT: 14.139 min Scan# 1880  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

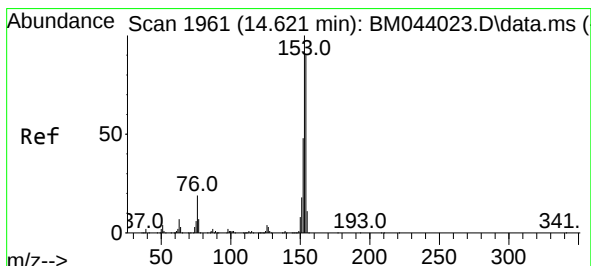
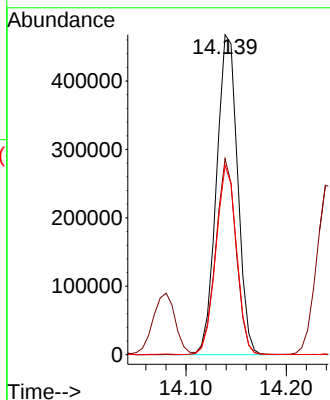
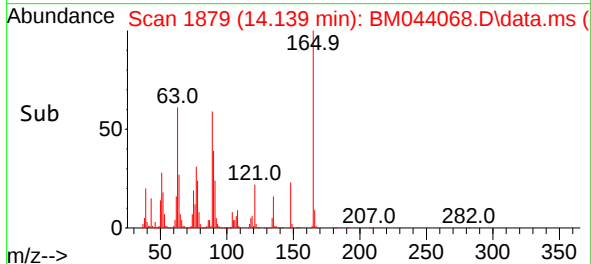
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



Tgt Ion:165 Resp: 683210  
Ion Ratio Lower Upper  
165 100  
63 61.3 43.5 65.3  
89 59.2 44.4 66.6

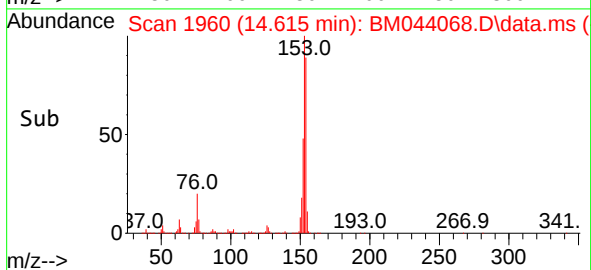
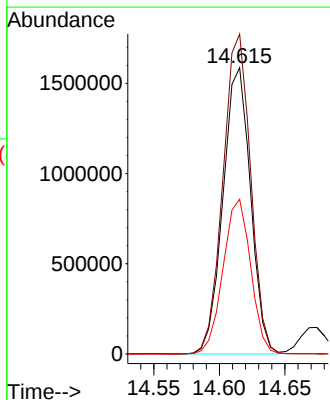
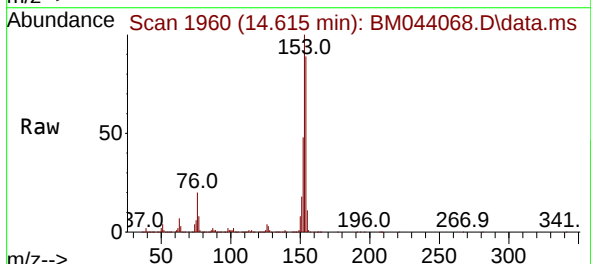
Manual Integrations  
APPROVED

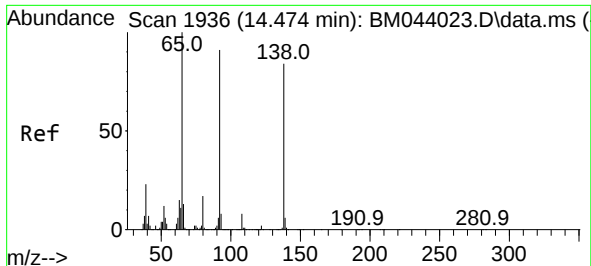
Reviewed By :Yogesh Patel 02/15/2024  
Supervised By :mohammad ahmed 02/15/2024



#52  
Acenaphthene  
Concen: 38.977 ng  
RT: 14.615 min Scan# 1960  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

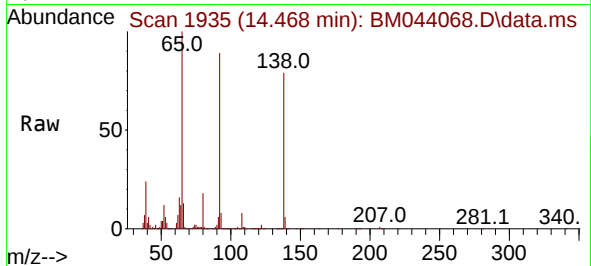
Tgt Ion:154 Resp: 2318856  
Ion Ratio Lower Upper  
154 100  
153 111.8 89.3 133.9  
152 54.1 43.0 64.6





#53  
3-Nitroaniline  
Concen: 42.045 ng  
RT: 14.468 min Scan# 1935  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

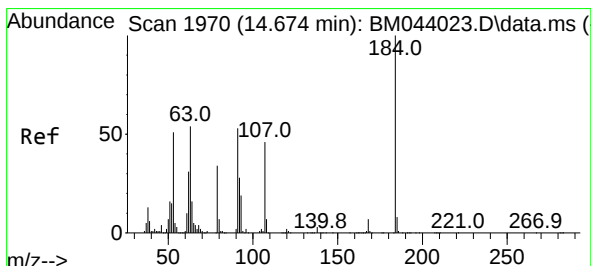
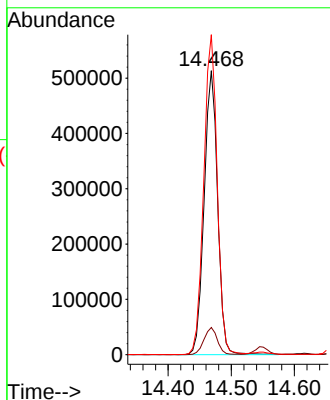
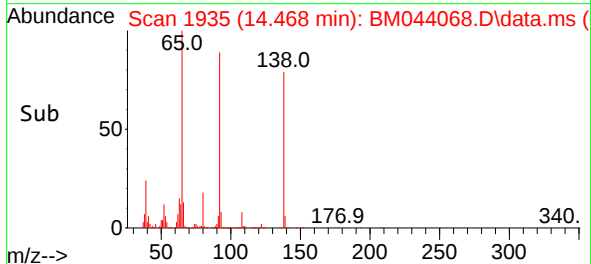
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



Tgt Ion:138 Resp: 76195  
Ion Ratio Lower Upper  
138 100  
108 9.6 7.6 11.4  
92 112.7 86.5 129.7

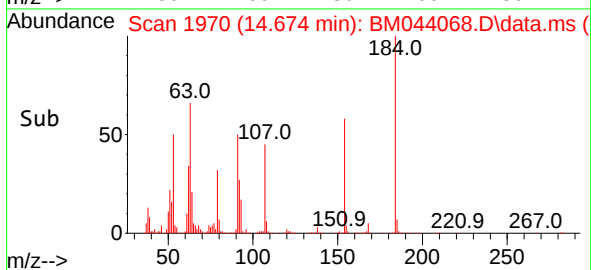
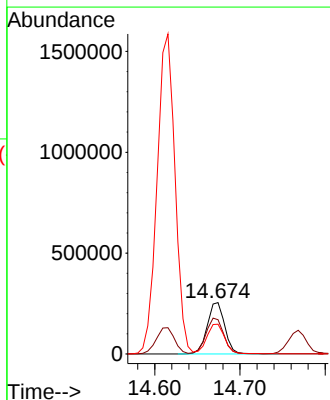
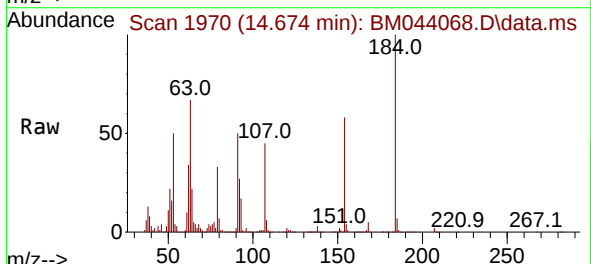
Manual Integrations  
APPROVED

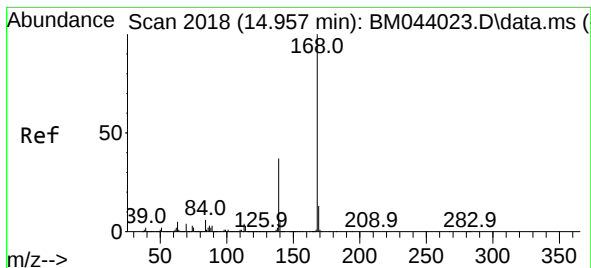
Reviewed By :Yogesh Patel 02/15/2024  
Supervised By :mohammad ahmed 02/15/2024



#54  
2,4-Dinitrophenol  
Concen: 38.916 ng  
RT: 14.674 min Scan# 1970  
Delta R.T. 0.000 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

Tgt Ion:184 Resp: 362714  
Ion Ratio Lower Upper  
184 100  
63 66.8 55.4 83.2  
154 58.0 49.2 73.8





#55

Dibenzenofuran

Concen: 38.732 ng

RT: 14.951 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM044068.D

Acq: 13 Feb 2024 15:06

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tgt Ion:168 Resp: 356648

Ion Ratio Lower Upper

168 100

139 37.8 29.6 44.4

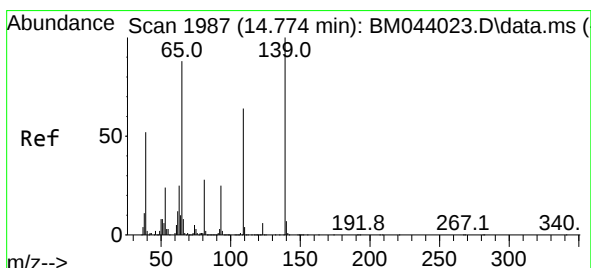
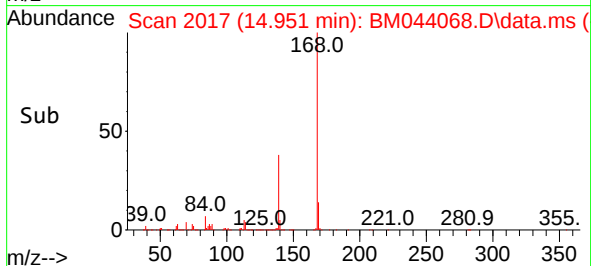
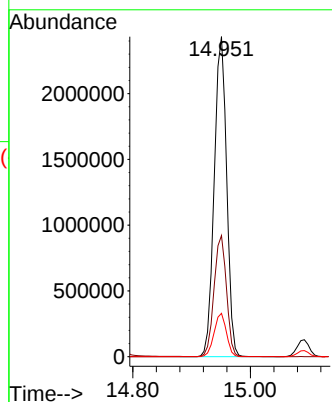
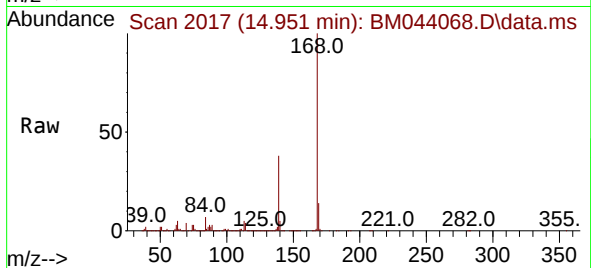
169 13.5 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/15/2024



#56

4-Nitrophenol

Concen: 42.875 ng

RT: 14.768 min Scan# 1986

Delta R.T. -0.006 min

Lab File: BM044068.D

Acq: 13 Feb 2024 15:06

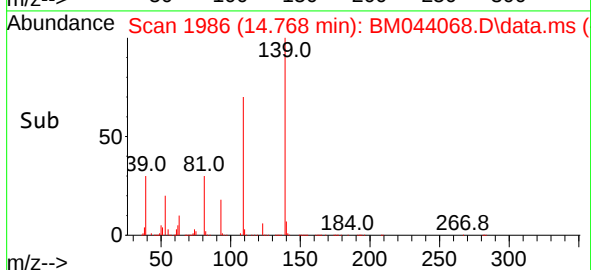
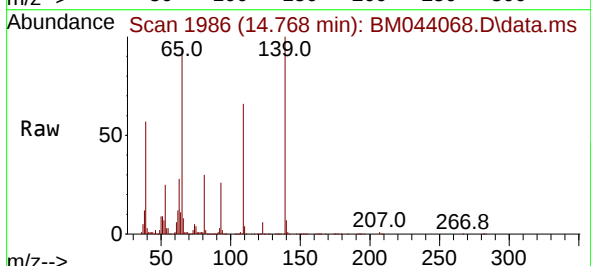
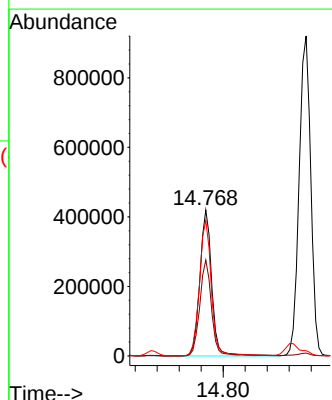
Tgt Ion:139 Resp: 631627

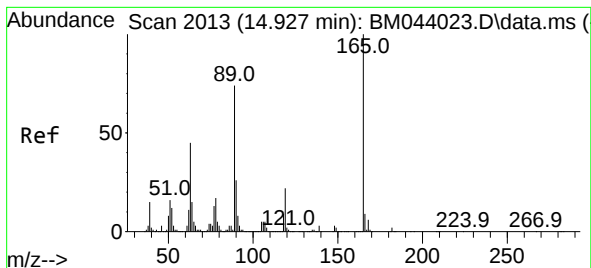
Ion Ratio Lower Upper

139 100

109 65.8 43.8 83.8

65 93.0 67.7 107.7





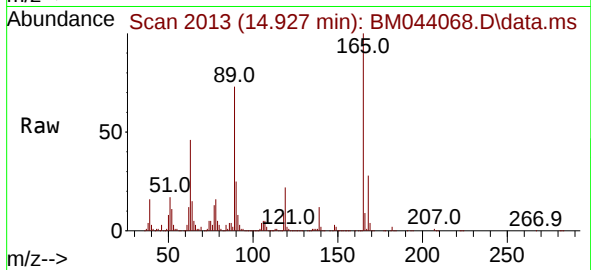
#57  
2,4-Dinitrotoluene  
Concen: 42.065 ng  
RT: 14.927 min Scan# 2013  
Delta R.T. -0.000 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040



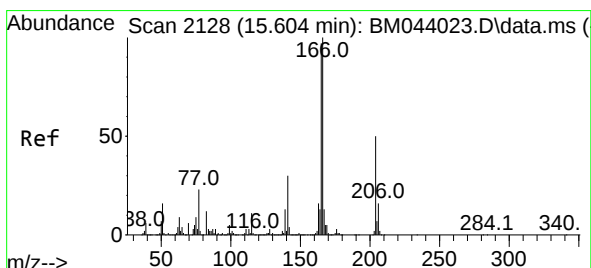
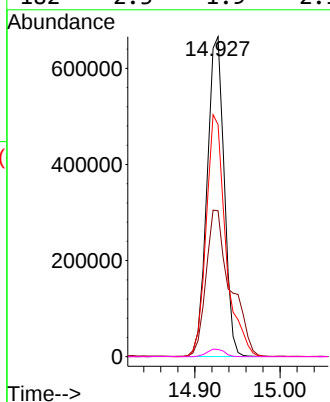
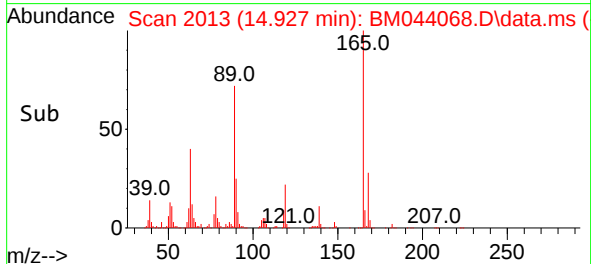
Tgt Ion:165 Resp: 927080  
Ion Ratio Lower Upper  
165 100  
63 45.6 35.9 53.9  
89 72.5 58.9 88.3  
182 2.3 1.9 2.9

Manual Integrations

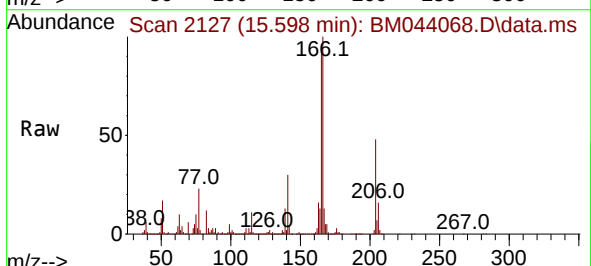
APPROVED

Reviewed By :Yogesh Patel 02/15/2024

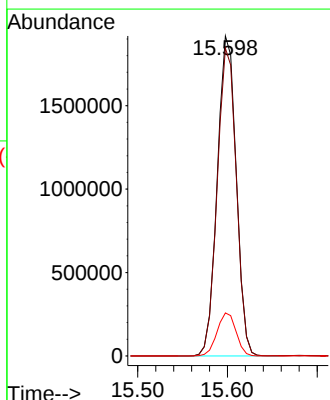
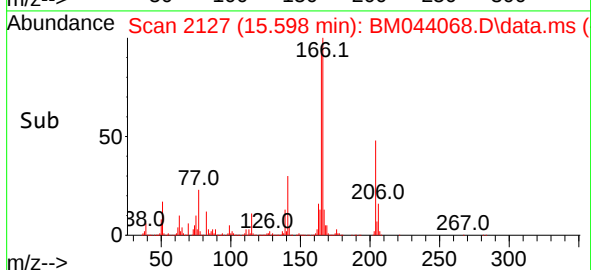
Supervised By :mohammad ahmed 02/15/2024

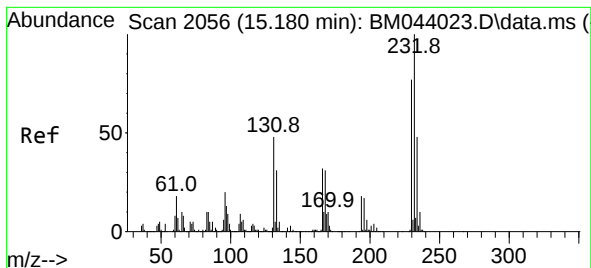


#58  
Fluorene  
Concen: 39.571 ng  
RT: 15.598 min Scan# 2127  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06



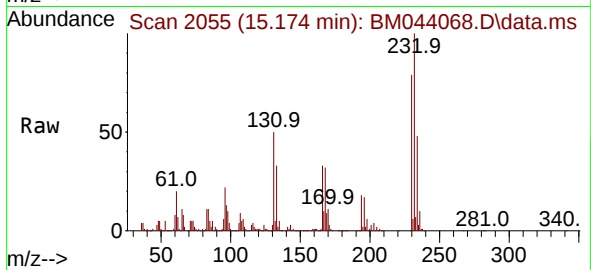
Tgt Ion:166 Resp: 2815697  
Ion Ratio Lower Upper  
166 100  
165 96.2 77.7 116.5  
167 13.4 10.7 16.1





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.491 ng  
RT: 15.174 min Scan# 2055  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

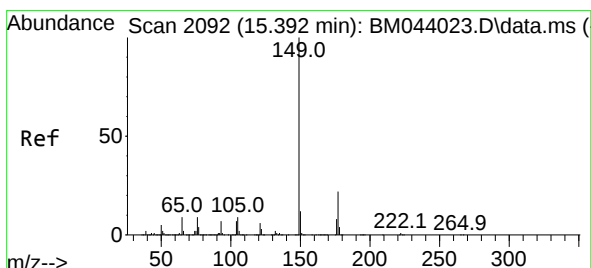
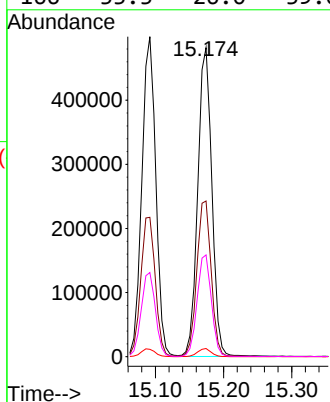
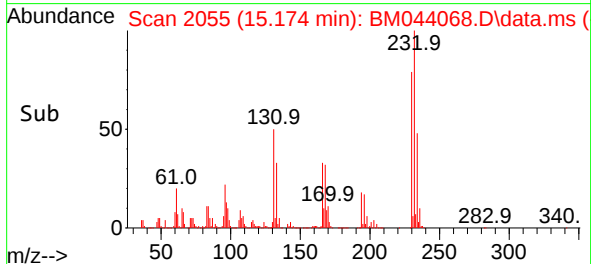
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



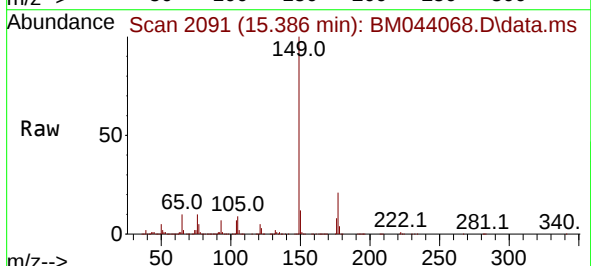
Tgt Ion:232 Resp: 693420  
Ion Ratio Lower Upper  
232 100  
131 51.4 39.5 59.3  
130 2.6 2.0 3.0  
166 33.3 26.0 39.0

Manual Integrations  
APPROVED

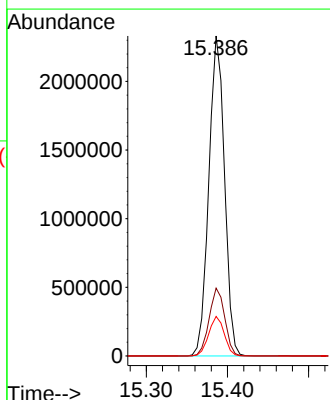
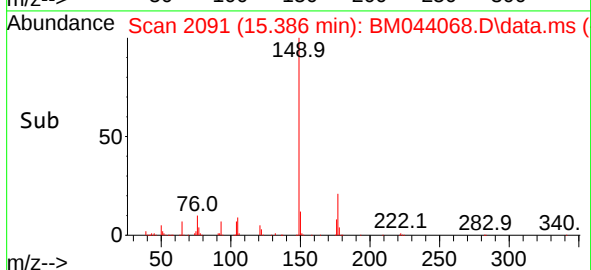
Reviewed By :Yogesh Patel 02/15/2024  
Supervised By :mohammad ahmed 02/15/2024

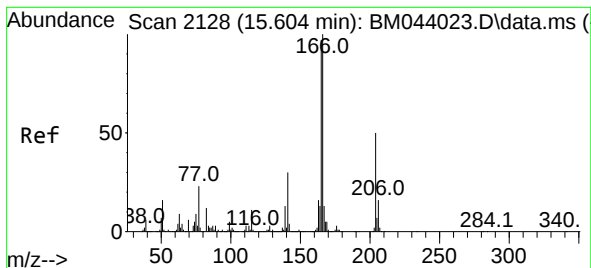


#60  
Diethylphthalate  
Concen: 39.523 ng  
RT: 15.386 min Scan# 2091  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06



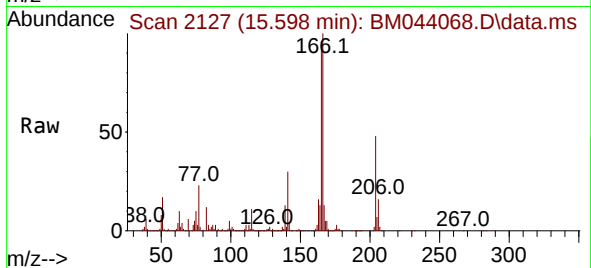
Tgt Ion:149 Resp: 3121922  
Ion Ratio Lower Upper  
149 100  
177 21.2 17.5 26.3  
150 12.4 9.8 14.6





#61  
4-Chlorophenyl-phenylether  
Concen: 38.699 ng  
RT: 15.598 min Scan# 2128  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

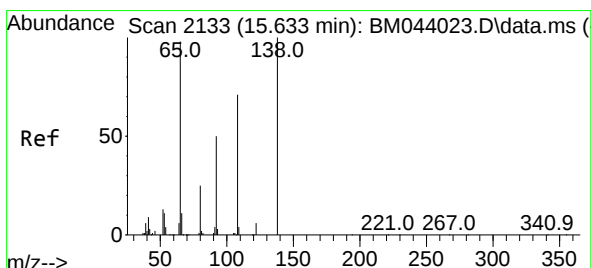
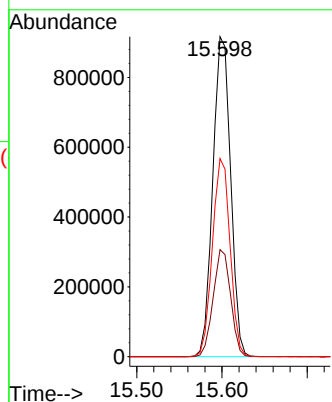
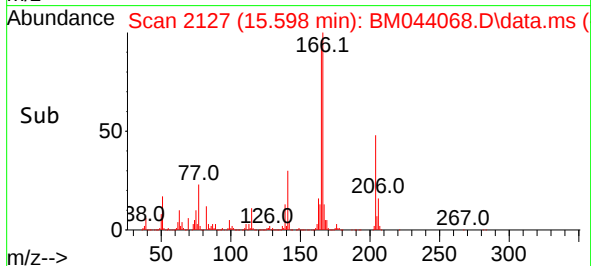
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



Tgt Ion:204 Resp: 133426  
Ion Ratio Lower Upper  
204 100  
206 33.5 26.3 39.5  
141 61.9 47.7 71.5

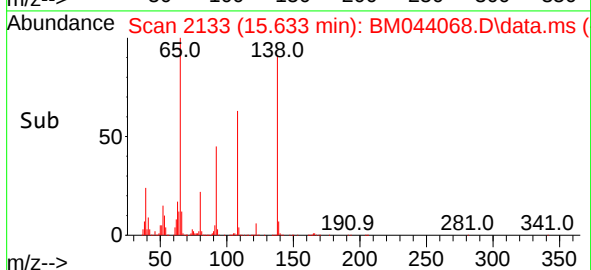
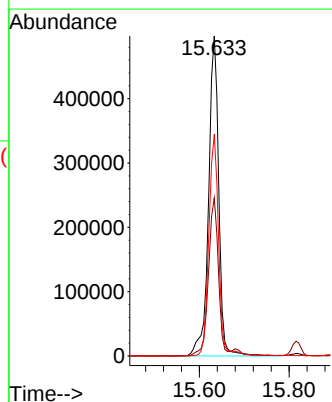
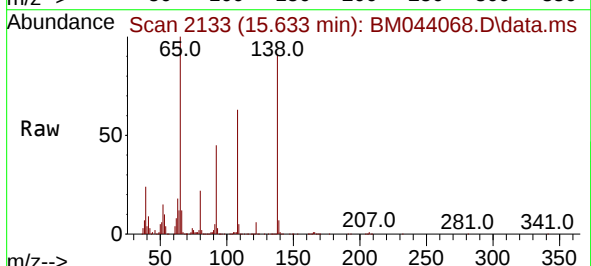
Manual Integrations  
APPROVED

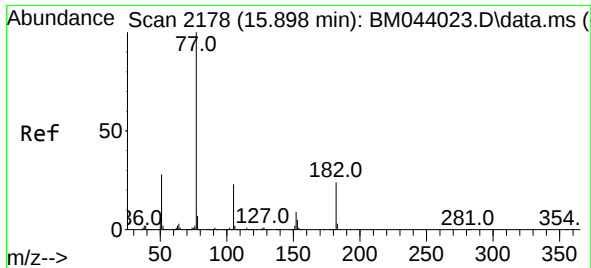
Reviewed By :Yogesh Patel 02/15/2024  
Supervised By :mohammad ahmed 02/15/2024



#62  
4-Nitroaniline  
Concen: 43.103 ng  
RT: 15.633 min Scan# 2133  
Delta R.T. -0.000 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

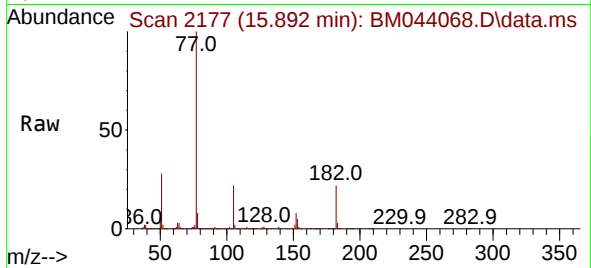
Tgt Ion:138 Resp: 786292  
Ion Ratio Lower Upper  
138 100  
92 49.4 29.6 69.6  
108 69.2 47.8 87.8





#63  
Azobenzene  
Concen: 41.311 ng  
RT: 15.892 min Scan# 2178  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

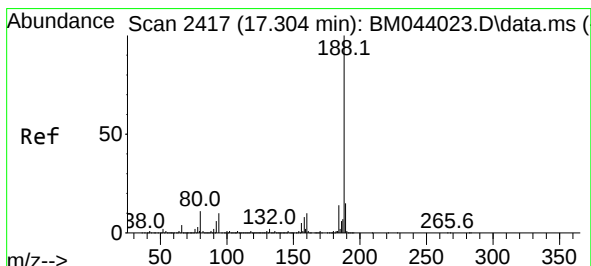
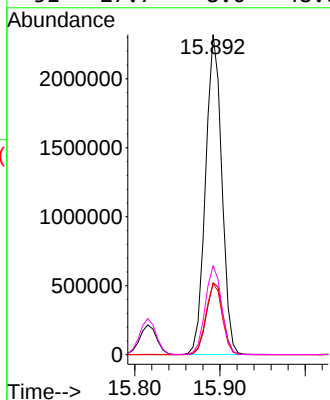
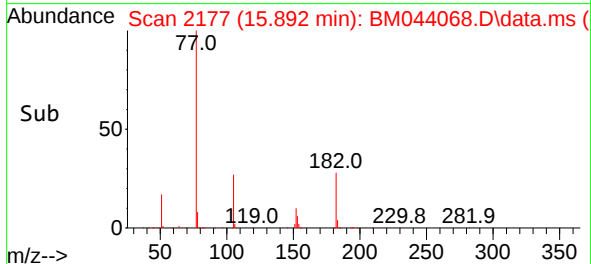
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 77 Resp: 306151  
Ion Ratio Lower Upper  
77 100  
182 22.4 4.0 44.0  
105 22.1 3.3 43.3  
51 27.7 8.0 48.0

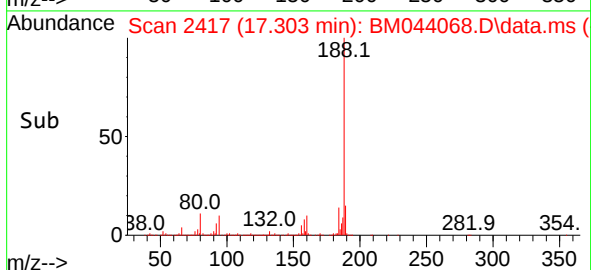
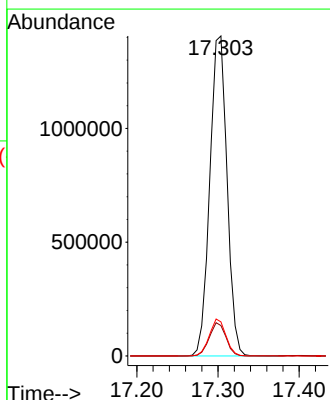
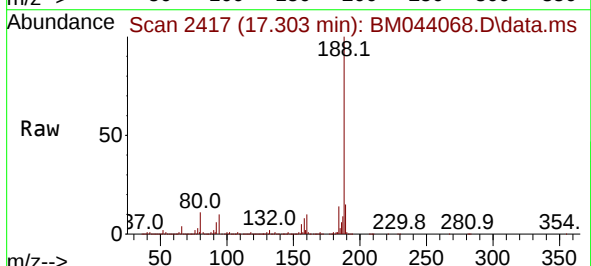
Manual Integrations  
APPROVED

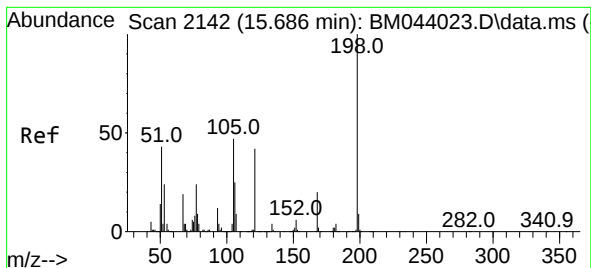
Reviewed By :Yogesh Patel 02/15/2024  
Supervised By :mohammad ahmed 02/15/2024



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.303 min Scan# 2417  
Delta R.T. -0.000 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

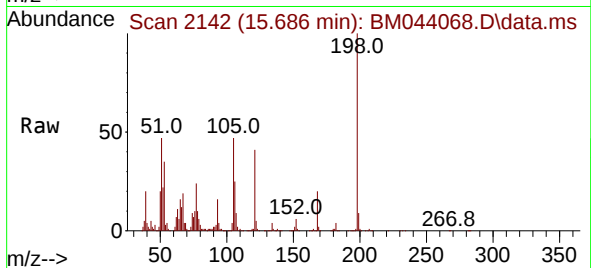
Tgt Ion:188 Resp: 2072355  
Ion Ratio Lower Upper  
188 100  
94 9.5 8.2 12.2  
80 10.6 8.8 13.2





#65  
4,6-Dinitro-2-methylphenol  
Concen: 40.730 ng  
RT: 15.686 min Scan# 2142  
Delta R.T. -0.000 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

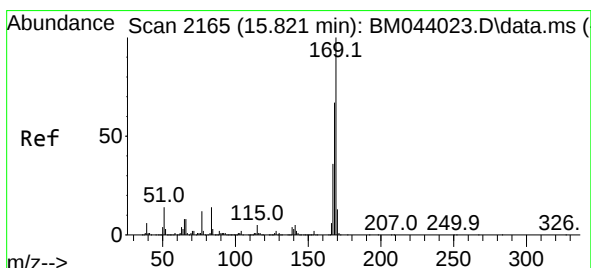
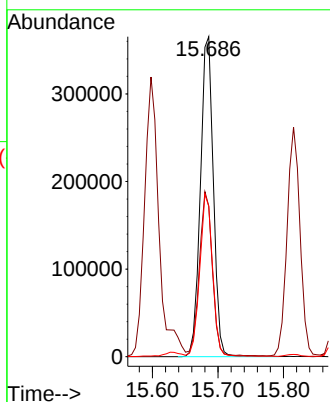
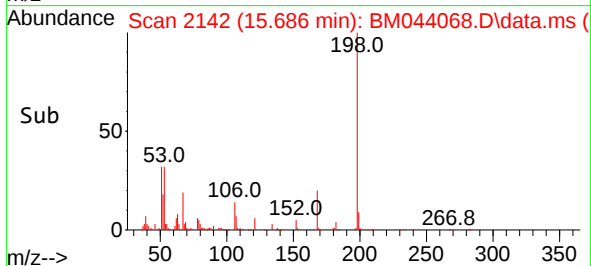
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



Tgt Ion:198 Resp: 502961  
Ion Ratio Lower Upper  
198 100  
51 47.1 29.9 69.9  
105 46.9 28.7 68.7

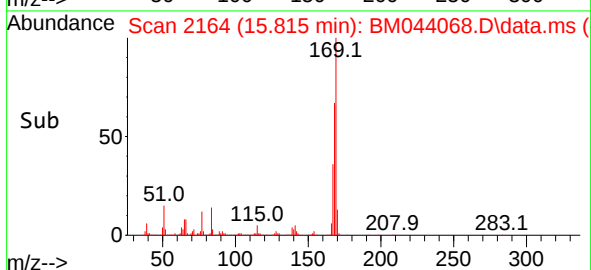
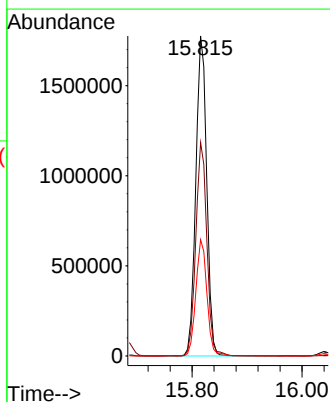
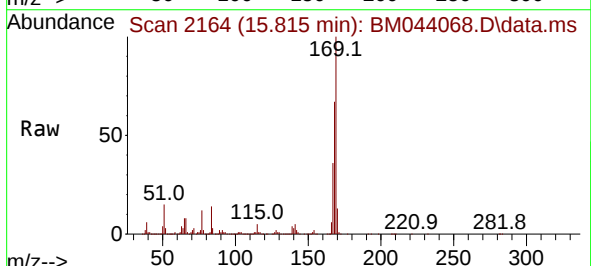
Manual Integrations  
APPROVED

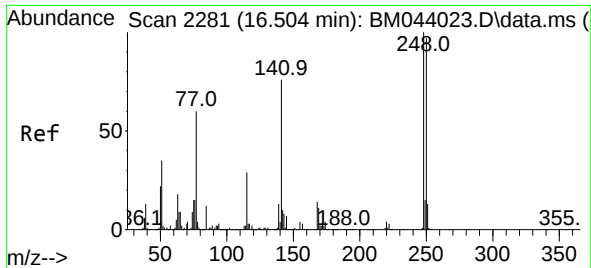
Reviewed By :Yogesh Patel 02/15/2024  
Supervised By :mohammad ahmed 02/15/2024



#66  
n-Nitrosodiphenylamine  
Concen: 38.843 ng  
RT: 15.815 min Scan# 2164  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

Tgt Ion:169 Resp: 2445598  
Ion Ratio Lower Upper  
169 100  
168 66.7 53.8 80.8  
167 36.4 29.2 43.8





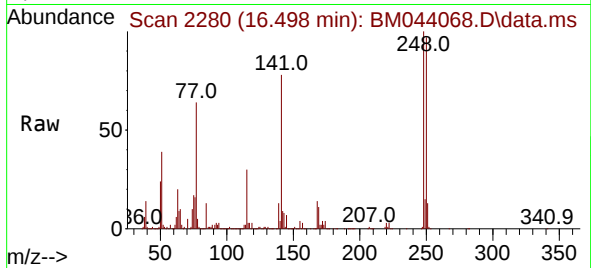
#67  
4-Bromophenyl-phenylether  
Concen: 39.834 ng  
RT: 16.498 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040



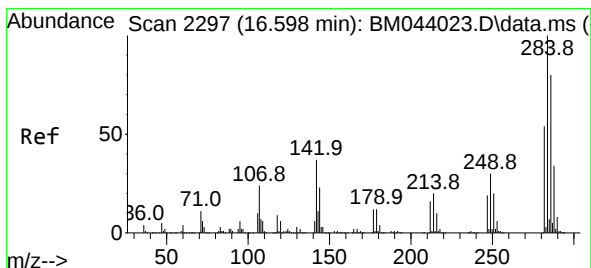
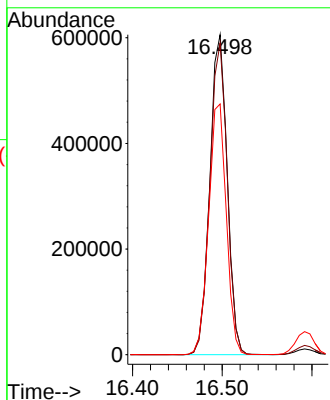
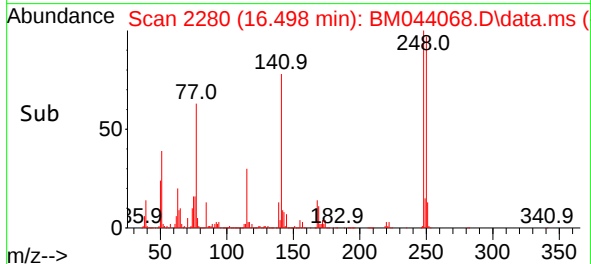
Tgt Ion:248 Resp: 81618  
Ion Ratio Lower Upper  
248 100  
250 97.4 77.4 116.2  
141 78.3 61.0 91.6

Manual Integrations

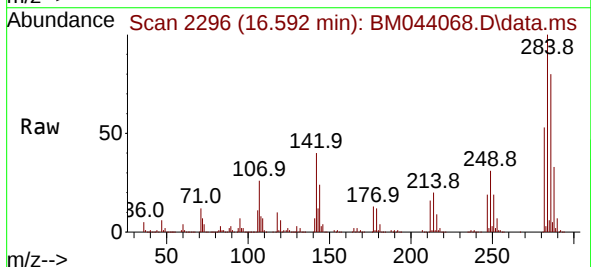
APPROVED

Reviewed By :Yogesh Patel 02/15/2024

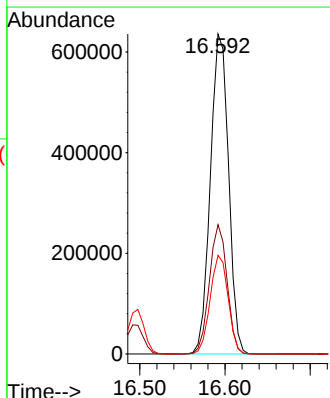
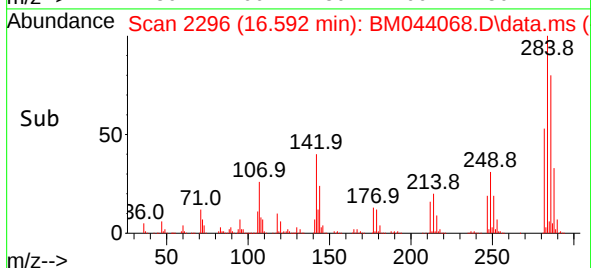
Supervised By :mohammad ahmed 02/15/2024

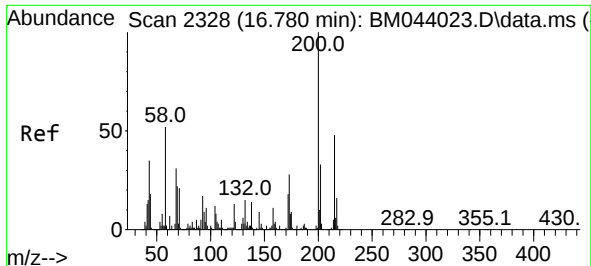


#68  
Hexachlorobenzene  
Concen: 37.453 ng  
RT: 16.592 min Scan# 2296  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06



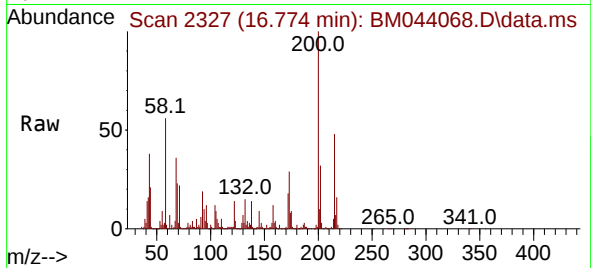
Tgt Ion:284 Resp: 940018  
Ion Ratio Lower Upper  
284 100  
142 40.4 30.0 45.0  
249 30.8 24.1 36.1





#69  
Atrazine  
Concen: 40.174 ng  
RT: 16.774 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

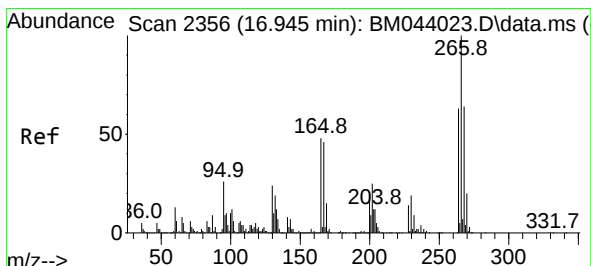
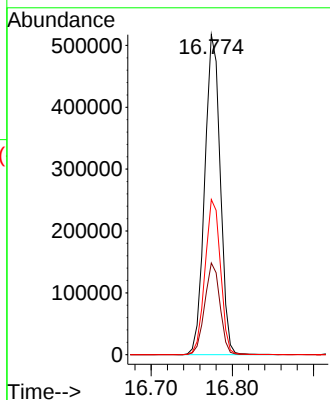
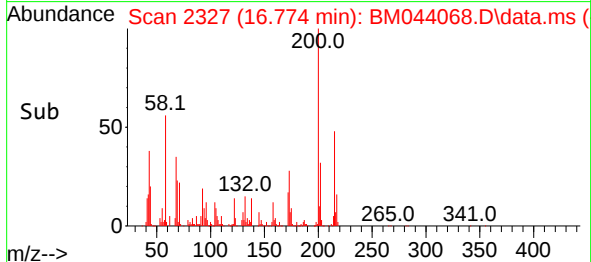
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



Tgt Ion:200 Resp: 68488  
Ion Ratio Lower Upper  
200 100  
173 28.7 7.9 47.9  
215 48.5 27.9 67.9

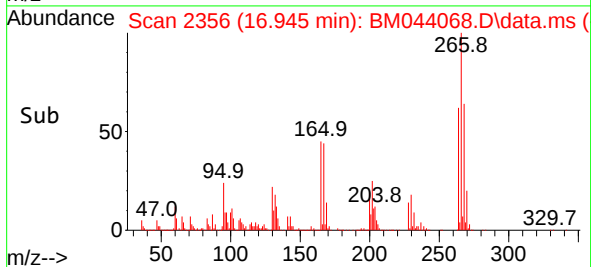
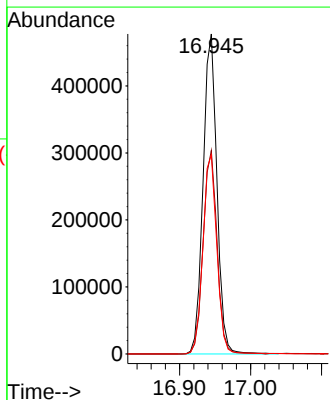
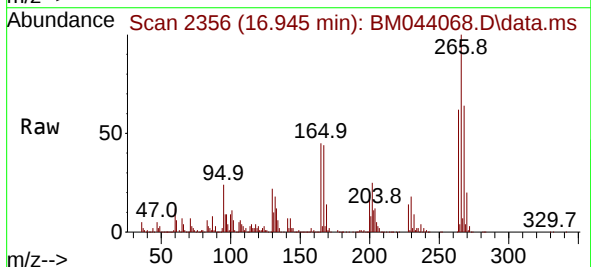
Manual Integrations  
APPROVED

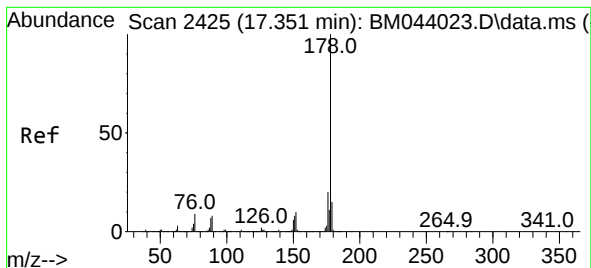
Reviewed By :Yogesh Patel 02/15/2024  
Supervised By :mohammad ahmed 02/15/2024



#70  
Pentachlorophenol  
Concen: 39.746 ng  
RT: 16.945 min Scan# 2356  
Delta R.T. -0.000 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

Tgt Ion:266 Resp: 648948  
Ion Ratio Lower Upper  
266 100  
268 63.6 51.1 76.7  
264 62.2 50.5 75.7





#71

Phenanthrene

Concen: 38.601 ng

RT: 17.345 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BM044068.D

Acq: 13 Feb 2024 15:06

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 4224240

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

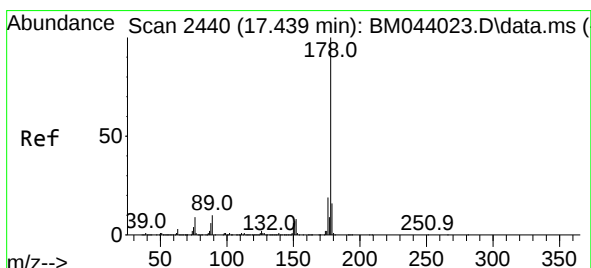
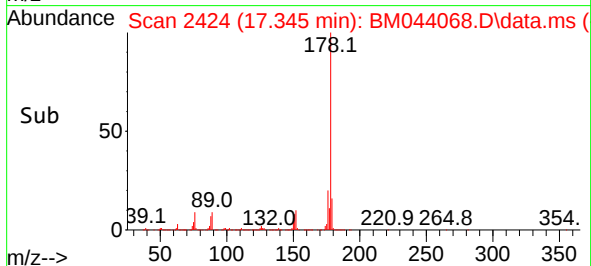
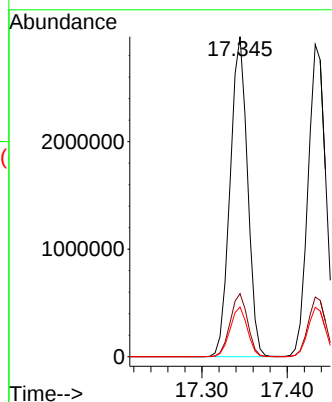
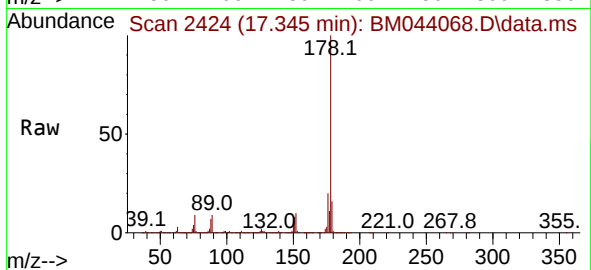
179 15.5 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/15/2024



#72

Anthracene

Concen: 38.835 ng

RT: 17.433 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BM044068.D

Acq: 13 Feb 2024 15:06

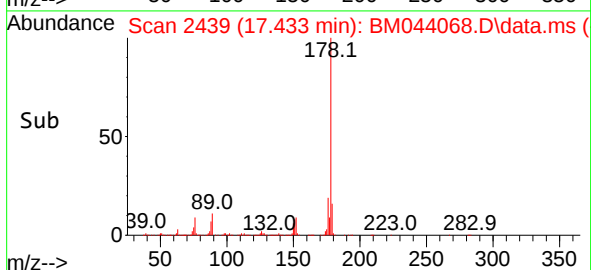
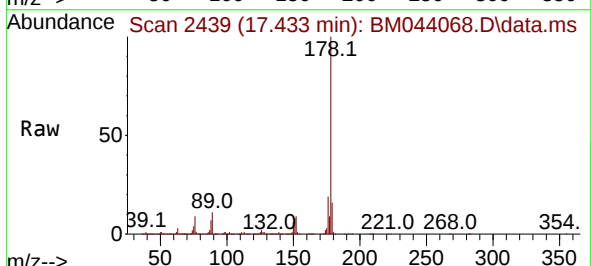
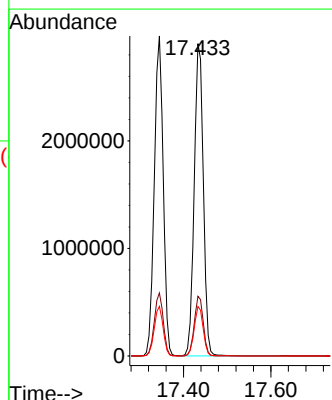
Tgt Ion:178 Resp: 4207330

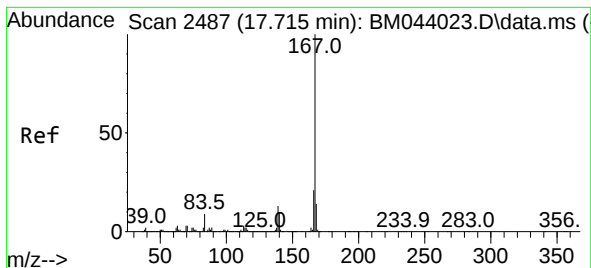
Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.8 12.4 18.6





#73

Carbazole

Concen: 40.259 ng

RT: 17.709 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM044068.D

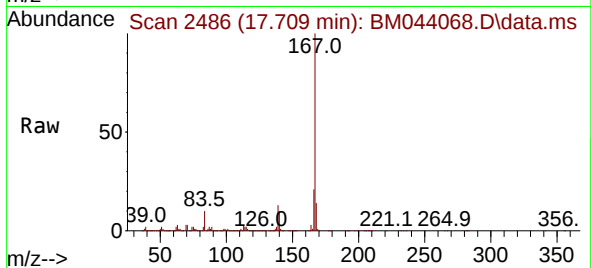
Acq: 13 Feb 2024 15:06

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040



Tgt Ion:167 Resp: 424170

Ion Ratio Lower Upper

167 100

166 21.1 16.8 25.2

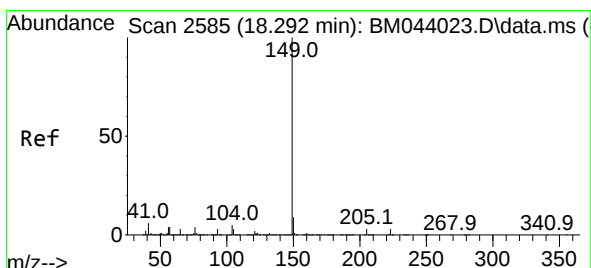
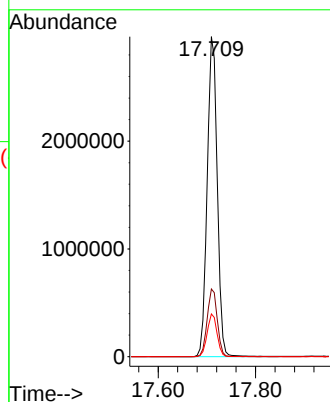
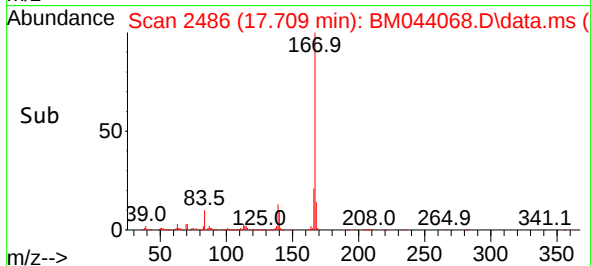
139 13.3 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/15/2024



#74

Di-n-butylphthalate

Concen: 39.479 ng

RT: 18.286 min Scan# 2584

Delta R.T. -0.006 min

Lab File: BM044068.D

Acq: 13 Feb 2024 15:06

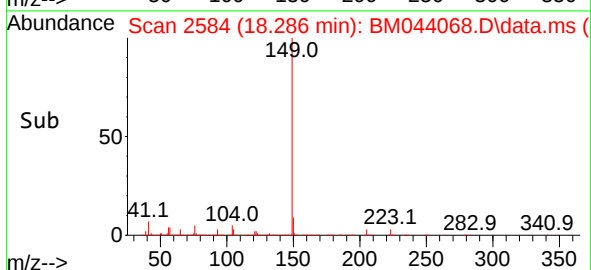
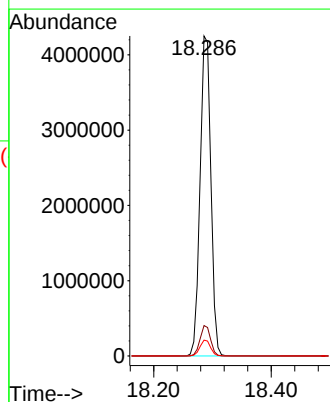
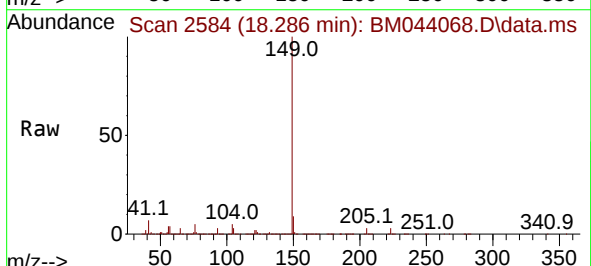
Tgt Ion:149 Resp: 5406686

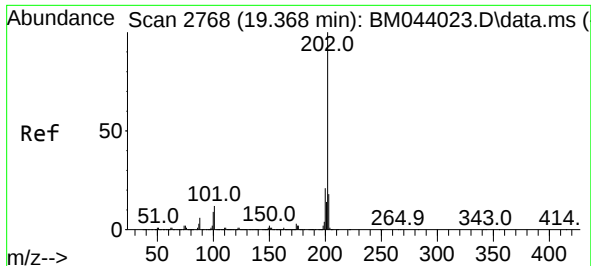
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

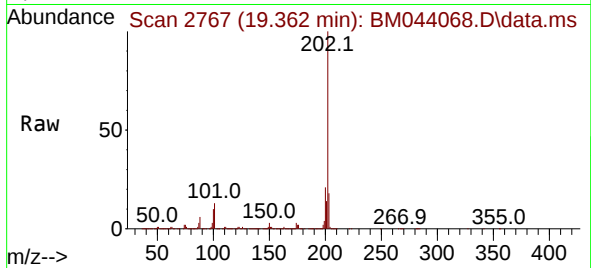
104 4.9 3.8 5.6





#75  
Fluoranthene  
Concen: 39.642 ng  
RT: 19.362 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

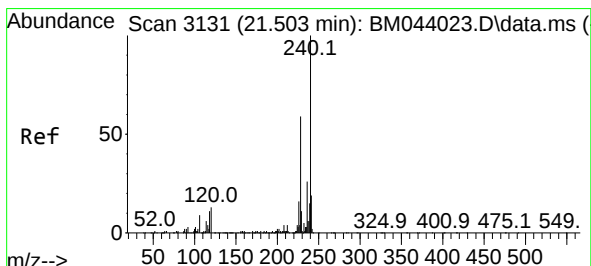
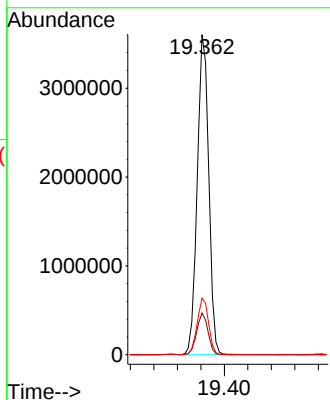
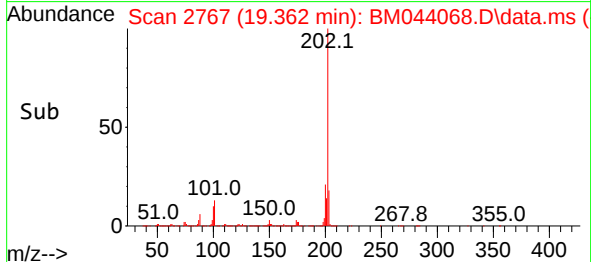
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



Tgt Ion:202 Resp: 487308  
Ion Ratio Lower Upper  
202 100  
101 13.0 0.0 32.4  
203 17.6 0.0 37.8

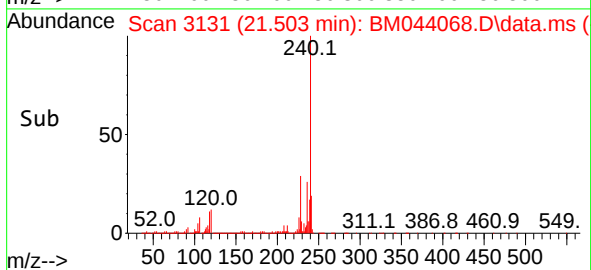
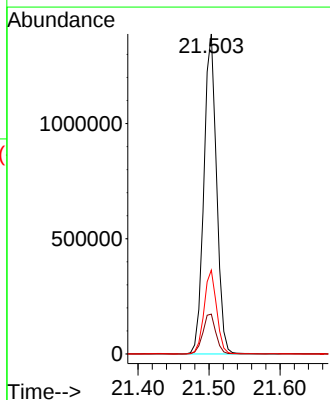
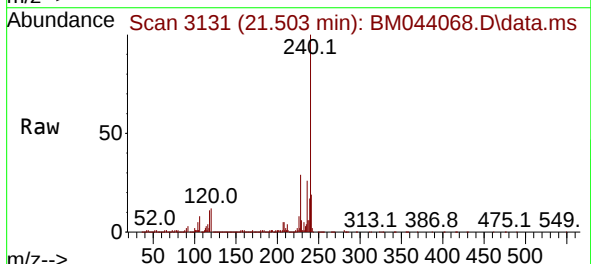
Manual Integrations  
APPROVED

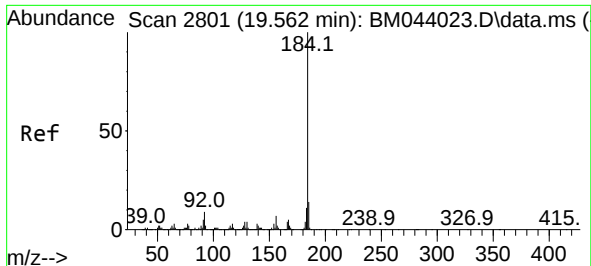
Reviewed By :Yogesh Patel 02/15/2024  
Supervised By :mohammad ahmed 02/15/2024



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.503 min Scan# 3131  
Delta R.T. -0.000 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

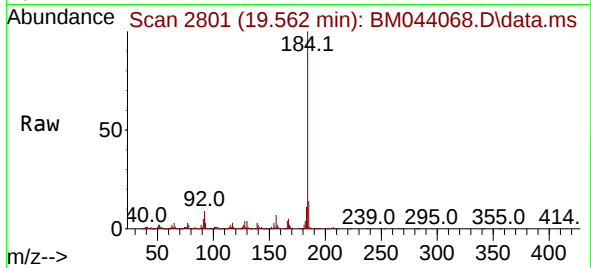
Tgt Ion:240 Resp: 1726909  
Ion Ratio Lower Upper  
240 100  
120 12.5 10.1 15.1  
236 26.2 20.6 31.0





#77  
Benzidine  
Concen: 55.860 ng  
RT: 19.562 min Scan# 2801  
Delta R.T. -0.000 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

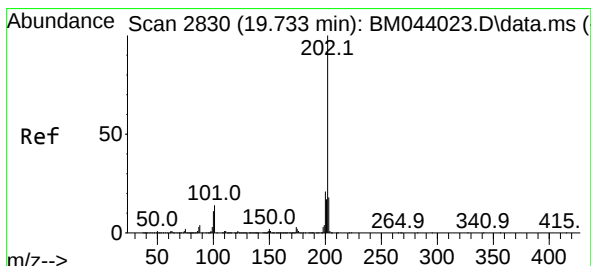
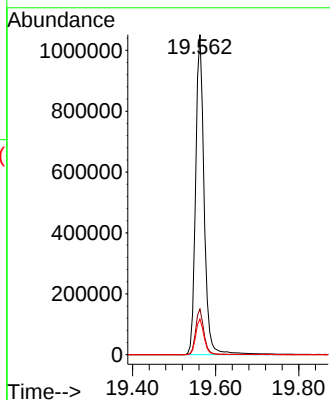
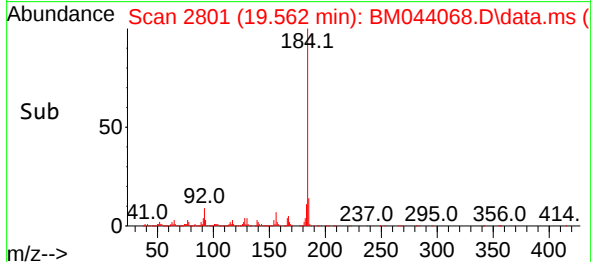
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



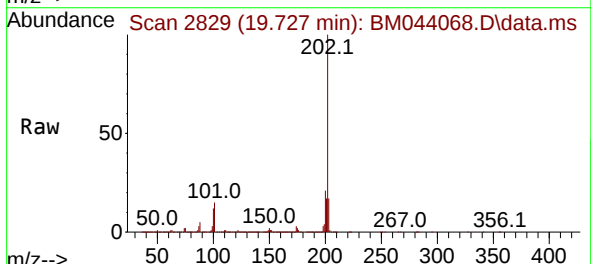
Tgt Ion:184 Resp: 149911  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.0 16.6  
183 11.1 9.0 13.4

Manual Integrations  
APPROVED

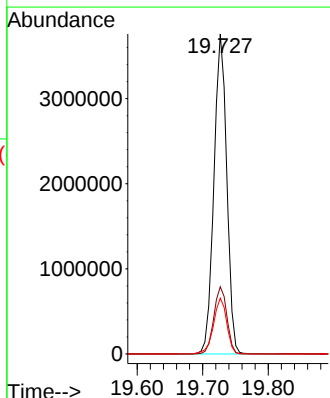
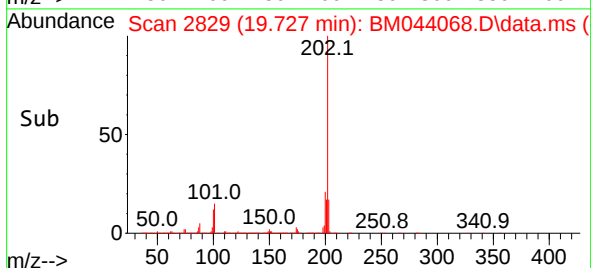
Reviewed By :Yogesh Patel 02/15/2024  
Supervised By :mohammad ahmed 02/15/2024

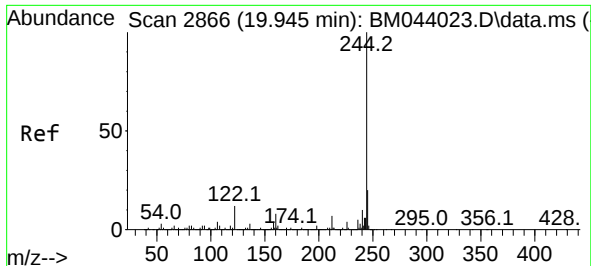


#78  
Pyrene  
Concen: 38.310 ng  
RT: 19.727 min Scan# 2829  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06



Tgt Ion:202 Resp: 5095184  
Ion Ratio Lower Upper  
202 100  
200 21.0 16.8 25.2  
203 17.5 14.0 21.0





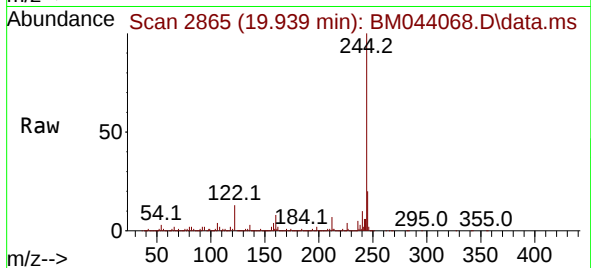
#79  
 Terphenyl-d14  
 Concen: 75.571 ng  
 RT: 19.939 min Scan# 2866  
 Delta R.T. -0.006 min  
 Lab File: BM044068.D  
 Acq: 13 Feb 2024 15:06

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040



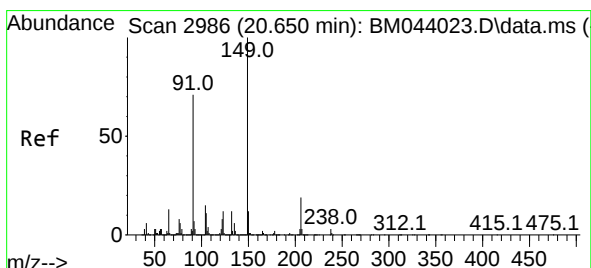
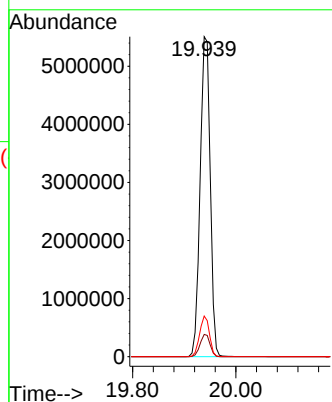
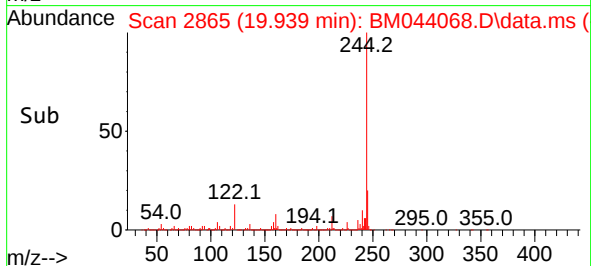
Tgt Ion:244 Resp: 7444510  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.4 8.2  
 122 12.7 9.5 14.3

Manual Integrations

APPROVED

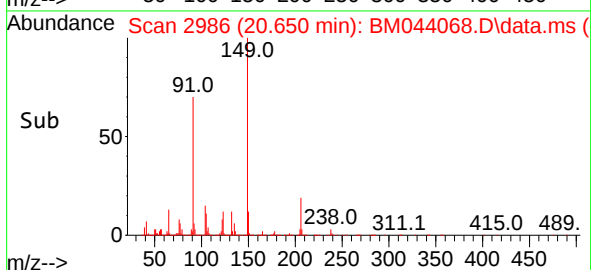
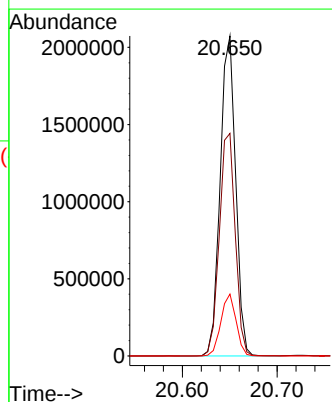
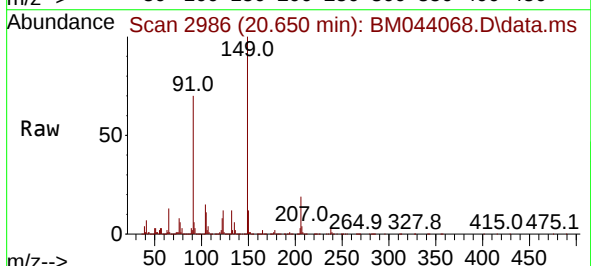
Reviewed By :Yogesh Patel 02/15/2024

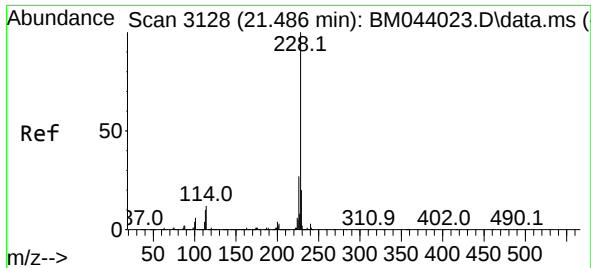
Supervised By :mohammad ahmed 02/15/2024



#80  
 Butylbenzylphthalate  
 Concen: 39.913 ng  
 RT: 20.650 min Scan# 2986  
 Delta R.T. -0.000 min  
 Lab File: BM044068.D  
 Acq: 13 Feb 2024 15:06

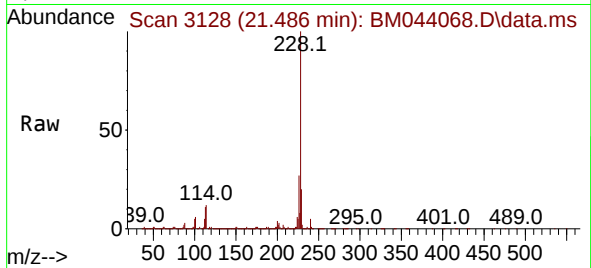
Tgt Ion:149 Resp: 2359587  
 Ion Ratio Lower Upper  
 149 100  
 91 69.6 56.8 85.2  
 206 19.4 15.0 22.6





#81  
Benzo(a)anthracene  
Concen: 38.930 ng  
RT: 21.486 min Scan# 3128  
Delta R.T. -0.000 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

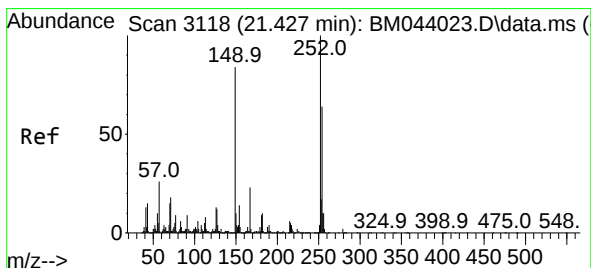
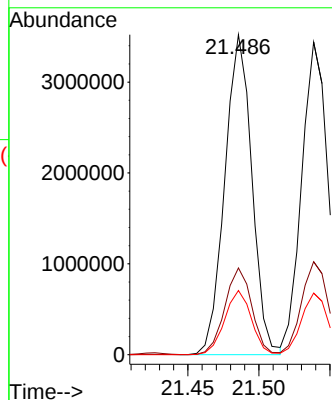
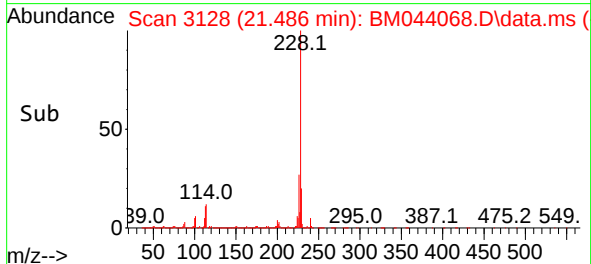
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



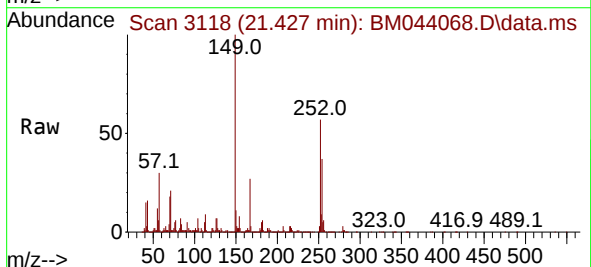
Tgt Ion:228 Resp: 467638  
Ion Ratio Lower Upper  
228 100  
226 27.1 21.4 32.2  
229 20.0 15.9 23.9

Manual Integrations  
APPROVED

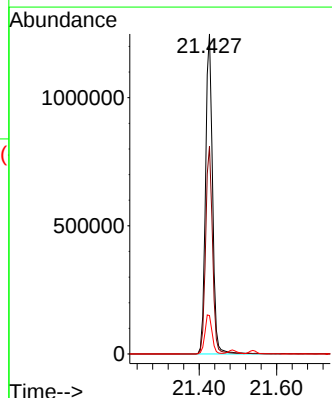
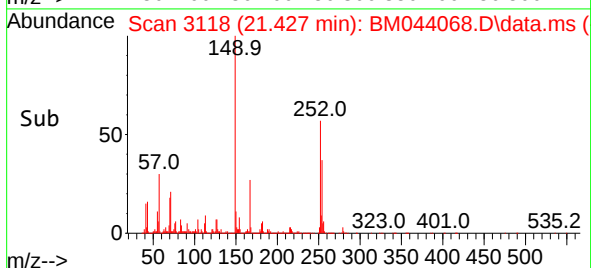
Reviewed By :Yogesh Patel 02/15/2024  
Supervised By :mohammad ahmed 02/15/2024

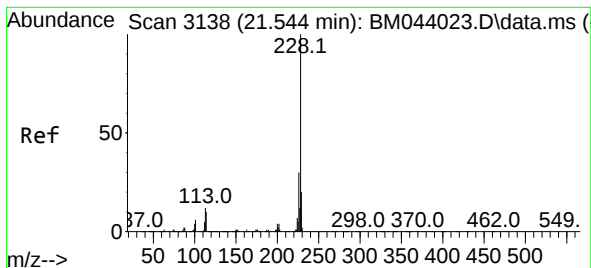


#82  
3,3'-Dichlorobenzidine  
Concen: 39.580 ng  
RT: 21.427 min Scan# 3118  
Delta R.T. -0.000 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06



Tgt Ion:252 Resp: 1559986  
Ion Ratio Lower Upper  
252 100  
254 64.8 51.2 76.8  
126 12.0 10.2 15.4





#83

Chrysene

Concen: 39.007 ng

RT: 21.538 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BM044068.D

Acq: 13 Feb 2024 15:06

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 4426840

Ion Ratio Lower Upper

228 100

226 29.7 24.2 36.2

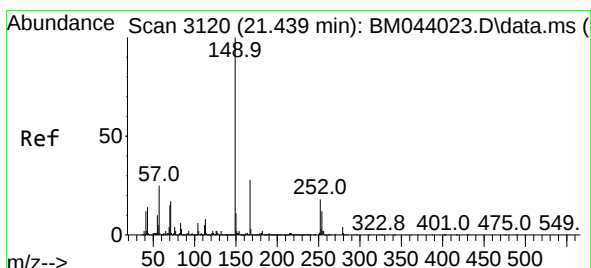
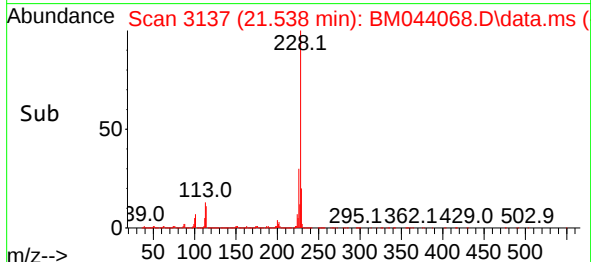
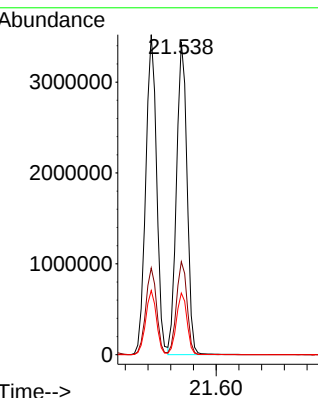
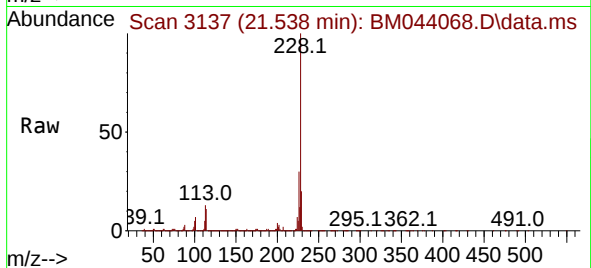
229 19.7 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/15/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.253 ng

RT: 21.433 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BM044068.D

Acq: 13 Feb 2024 15:06

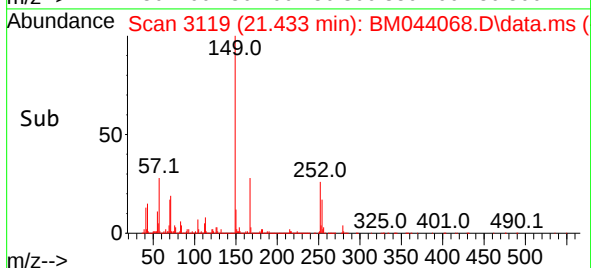
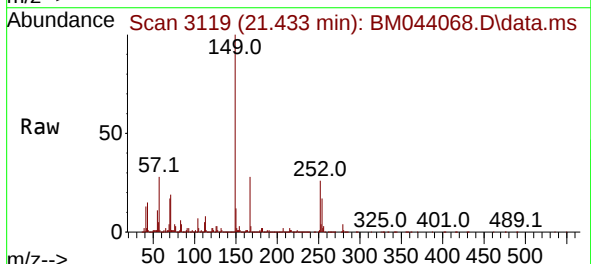
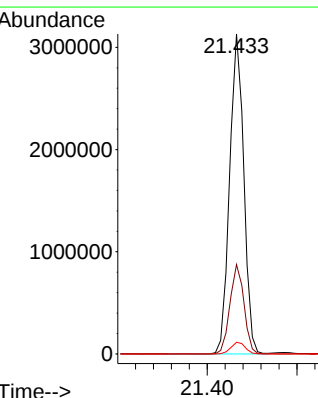
Tgt Ion:149 Resp: 3423917

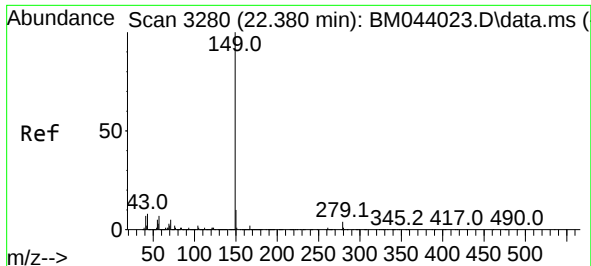
Ion Ratio Lower Upper

149 100

167 28.0 22.6 33.8

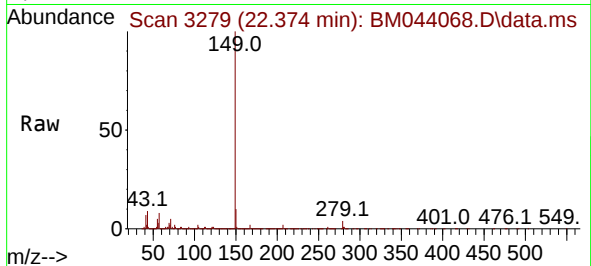
279 3.6 3.1 4.7





#85  
Di-n-octyl phthalate  
Concen: 39.839 ng  
RT: 22.374 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

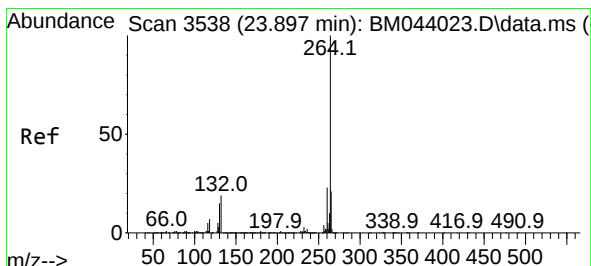
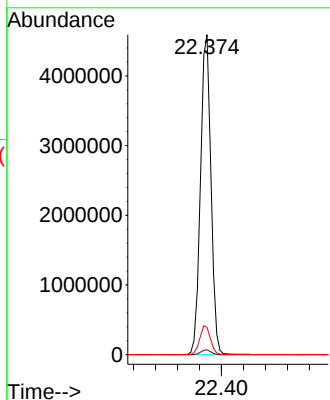
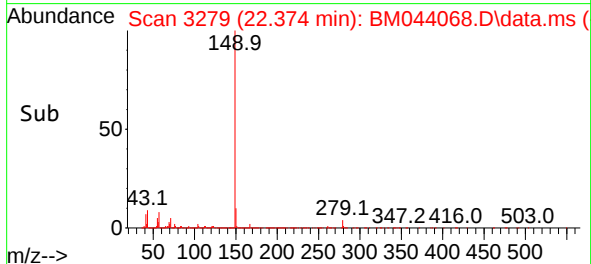
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040



Tgt Ion:149 Resp: 606899  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 9.3 7.0 10.4

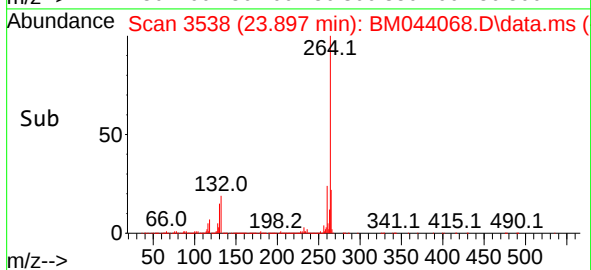
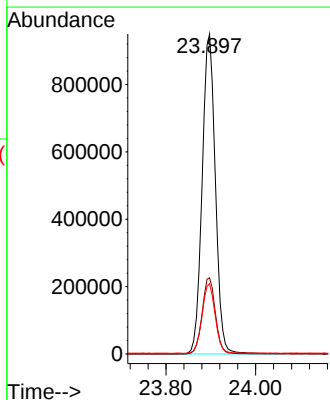
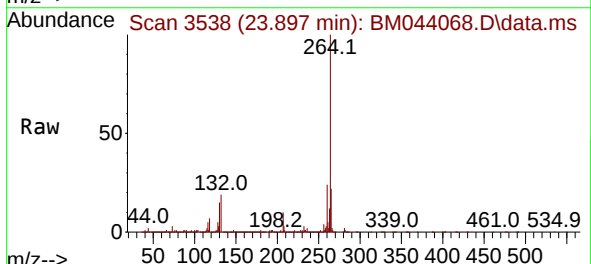
Manual Integrations  
APPROVED

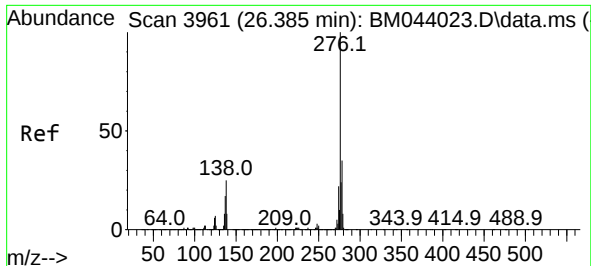
Reviewed By :Yogesh Patel 02/15/2024  
Supervised By :mohammad ahmed 02/15/2024



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.897 min Scan# 3538  
Delta R.T. -0.000 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

Tgt Ion:264 Resp: 1939306  
Ion Ratio Lower Upper  
264 100  
260 23.8 18.8 28.2  
265 21.9 17.3 25.9





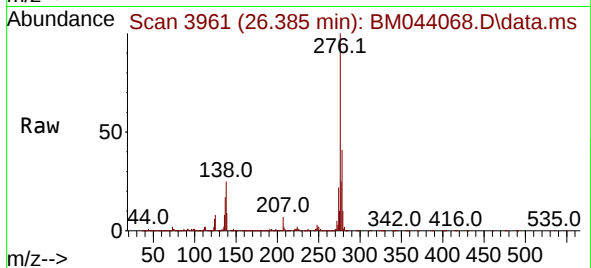
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 36.265 ng  
RT: 26.385 min Scan# 3961  
Delta R.T. -0.000 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040



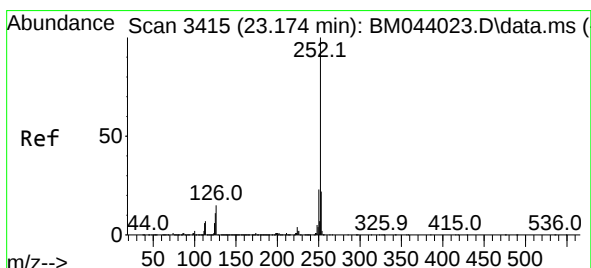
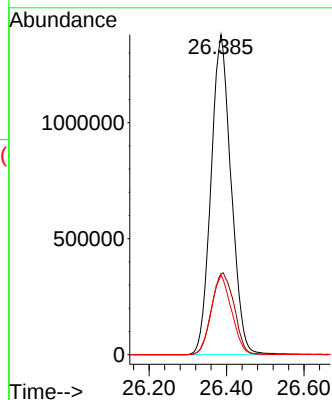
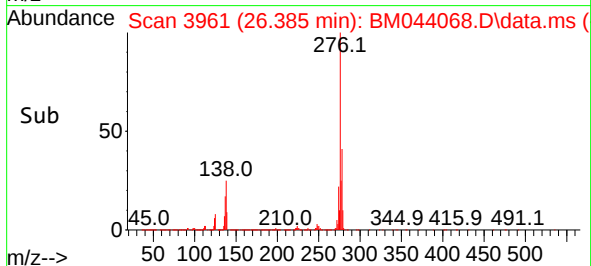
Tgt Ion:276 Resp: 497760  
Ion Ratio Lower Upper  
276 100  
138 28.7 22.6 34.0  
277 25.3 20.2 30.2

Manual Integrations

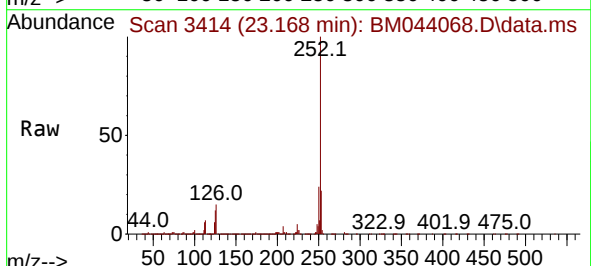
APPROVED

Reviewed By :Yogesh Patel 02/15/2024

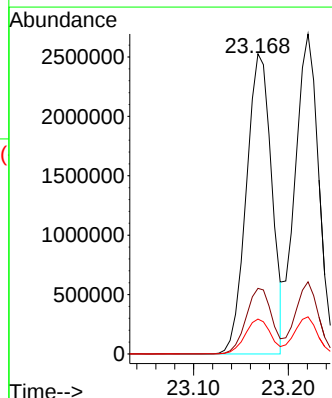
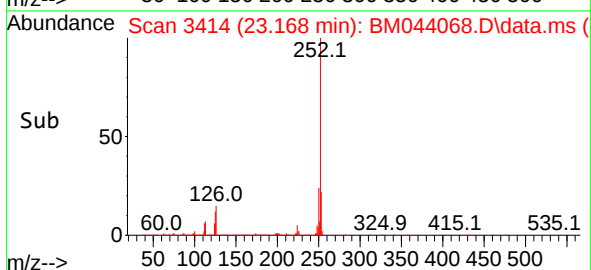
Supervised By :mohammad ahmed 02/15/2024

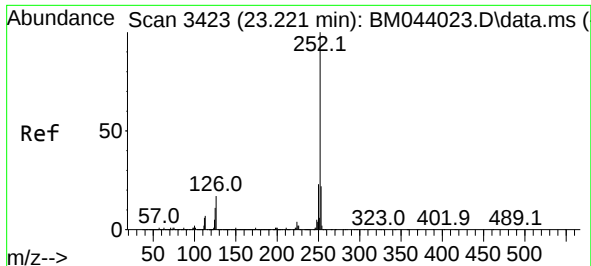


#88  
Benzo(b)fluoranthene  
Concen: 38.837 ng  
RT: 23.168 min Scan# 3414  
Delta R.T. -0.006 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06



Tgt Ion:252 Resp: 4708184  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.6 26.4  
125 11.6 8.8 13.2





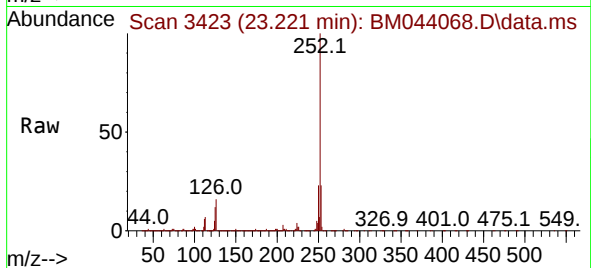
#89  
Benzo(k)fluoranthene  
Concen: 40.817 ng  
RT: 23.221 min Scan# 3423  
Delta R.T. -0.000 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040



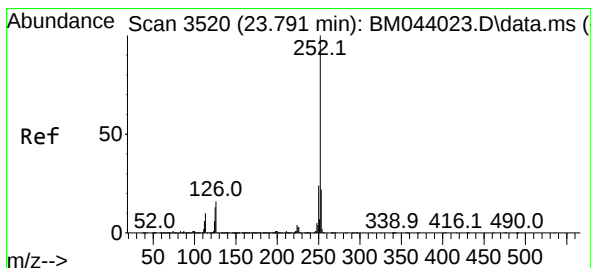
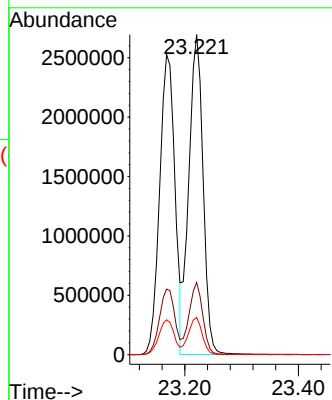
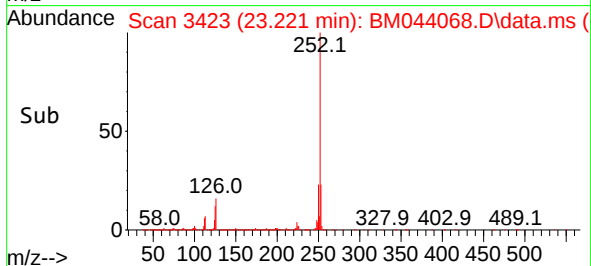
Tgt Ion:252 Resp: 4701889  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.7 26.5  
125 11.6 9.0 13.4

Manual Integrations

APPROVED

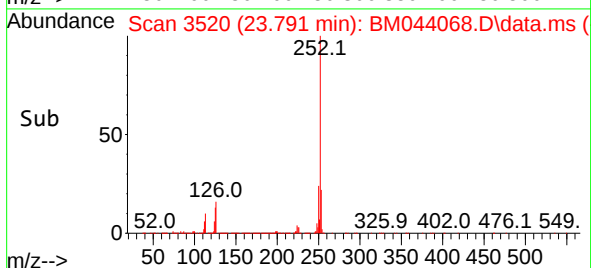
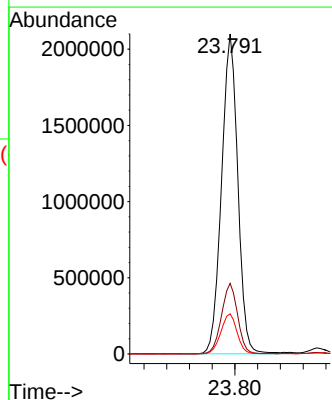
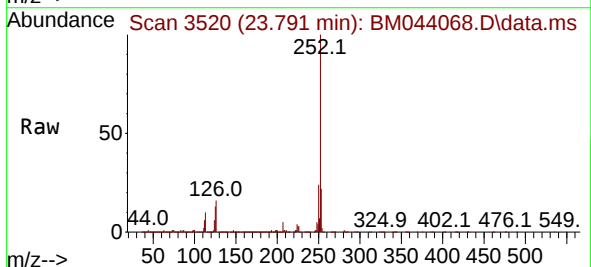
Reviewed By :Yogesh Patel 02/15/2024

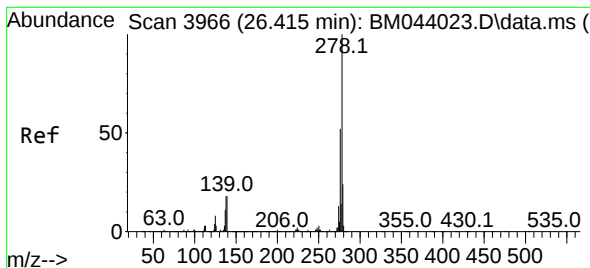
Supervised By :mohammad ahmed 02/15/2024



#90  
Benzo(a)pyrene  
Concen: 39.345 ng  
RT: 23.791 min Scan# 3520  
Delta R.T. -0.000 min  
Lab File: BM044068.D  
Acq: 13 Feb 2024 15:06

Tgt Ion:252 Resp: 4166146  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.7 26.5  
125 12.6 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 36.461 ng

RT: 26.415 min Scan# 3966

Delta R.T. -0.000 min

Lab File: BM044068.D

Acq: 13 Feb 2024 15:06

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 418607

Ion Ratio Lower Upper

278 100

139 18.4 14.5 21.7

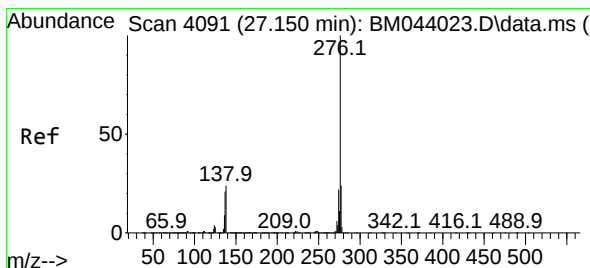
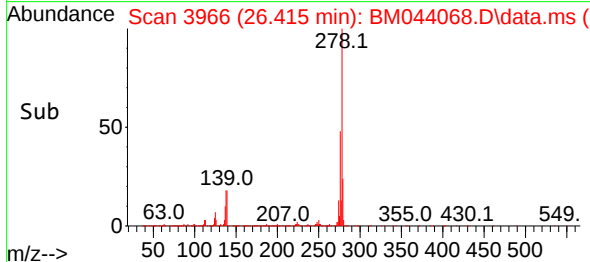
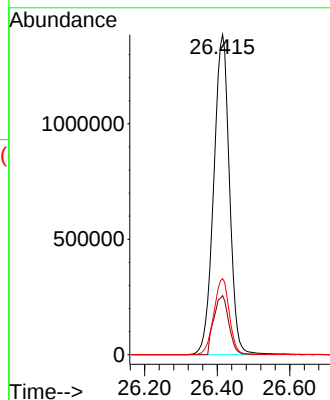
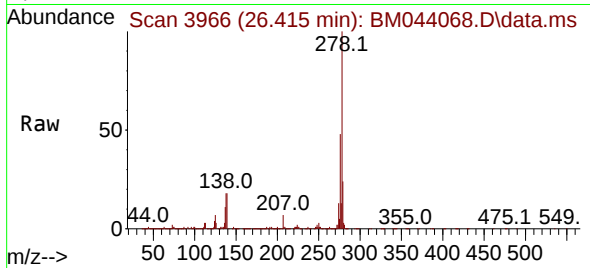
279 23.7 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/15/2024



#92

Benzo(g,h,i)perylene

Concen: 35.513 ng

RT: 27.150 min Scan# 4091

Delta R.T. -0.000 min

Lab File: BM044068.D

Acq: 13 Feb 2024 15:06

Tgt Ion:276 Resp: 4135091

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 24.6 19.1 28.7

