

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081424\  
 Data File : BF138988.D  
 Acq On : 14 Aug 2024 12:03  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

## Instrument :

BNA\_F

## ClientSampleId :

SSTDCCC040

## Manual Integrations

## APPROVED

Reviewed By :Yogesh Patel 08/15/2024

Supervised By :mohammad ahmed 08/16/2024

Quant Time: Aug 14 12:36:19 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF073024.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jul 30 17:50:01 2024

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.839  | 152  | 46569    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.122  | 136  | 180395   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.869  | 164  | 100753   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.357 | 188  | 170882   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12              | 13.998 | 240  | 83079    | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.462 | 264  | 87305    | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.469  | 112  | 238261   | 78.978 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.487  | 99   | 317188   | 78.311 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.410  | 82   | 310197   | 84.071 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.663 | 330  | 65588    | 79.472 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.192  | 172  | 554400   | 82.676 | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.939 | 244  | 408271   | 82.278 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.575  | 88   | 47110    | 35.669 | ng    | # 93     |
| 3) Pyridine                   | 3.334  | 79   | 118879   | 37.156 | ng    | 93       |
| 4) n-Nitrosodimethylamine     | 3.304  | 42   | 86150    | 45.210 | ng    | # 80     |
| 6) Aniline                    | 6.504  | 93   | 138167   | 38.250 | ng    | # 55     |
| 8) 2-Chlorophenol             | 6.628  | 128  | 124880   | 39.344 | ng    | 98       |
| 9) Benzaldehyde               | 6.392  | 77   | 79598    | 32.783 | ng    | 100      |
| 10) Phenol                    | 6.498  | 94   | 164246   | 38.514 | ng    | 79       |
| 11) bis(2-Chloroethyl)ether   | 6.575  | 93   | 118703   | 36.171 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.775  | 146  | 137294   | 38.642 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.857  | 146  | 141561   | 39.481 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.010  | 146  | 131427   | 39.221 | ng    | 99       |
| 15) Benzyl Alcohol            | 6.987  | 79   | 120359   | 41.229 | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.110  | 45   | 198801   | 35.200 | ng    | 52       |
| 17) 2-Methylphenol            | 7.104  | 107  | 100716   | 38.428 | ng    | # 90     |
| 18) Hexachloroethane          | 7.345  | 117  | 53609    | 39.720 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.257  | 70   | 97551    | 39.876 | ng    | 96       |
| 20) 3+4-Methylphenols         | 7.257  | 107  | 135810   | 40.386 | ng    | 92       |
| 22) Acetophenone              | 7.251  | 105  | 189628   | 42.932 | ng    | 99       |
| 24) Nitrobenzene              | 7.428  | 77   | 156466   | 41.674 | ng    | 98       |
| 25) Isophorone                | 7.663  | 82   | 253087   | 40.170 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.739  | 139  | 64715    | 40.063 | ng    | 94       |
| 27) 2,4-Dimethylphenol        | 7.781  | 122  | 77034    | 39.859 | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 7.869  | 93   | 145855   | 38.016 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 7.986  | 162  | 100855   | 40.610 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.063  | 180  | 115653   | 40.354 | ng    | 99       |
| 31) Naphthalene               | 8.139  | 128  | 381268   | 40.153 | ng    | 100      |
| 32) Benzoic acid              | 7.928  | 122  | 45176m   | 29.736 | ng    |          |
| 33) 4-Chloroaniline           | 8.198  | 127  | 122579   | 38.457 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.251  | 225  | 74090    | 42.681 | ng    | 98       |
| 35) Caprolactam               | 8.575  | 113  | 32178m   | 43.423 | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.686  | 107  | 120444   | 42.436 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.828  | 142  | 245717   | 40.974 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.928  | 142  | 241962   | 41.175 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.992  | 216  | 112930   | 40.349 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 8.975  | 237  | 20861    | 32.674 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.116  | 196  | 66716    | 39.096 | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081424\  
 Data File : BF138988.D  
 Acq On : 14 Aug 2024 12:03  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

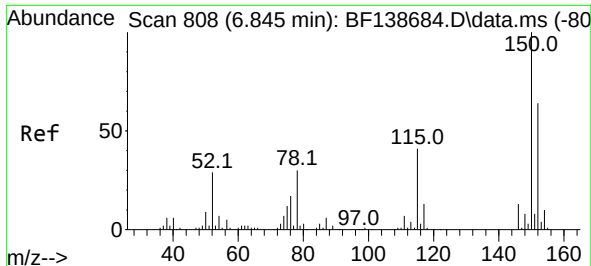
Reviewed By :Yogesh Patel 08/15/2024  
 Supervised By :mohammad ahmed 08/16/2024

Quant Time: Aug 14 12:36:19 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF073024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 30 17:50:01 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.163  | 196  | 72737    | 38.990 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.292  | 154  | 314999   | 39.920 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.322  | 162  | 230293   | 39.241 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.422  | 65   | 84279    | 42.361 | ng    | 92       |
| 49) Acenaphthylene            | 9.733  | 152  | 327703   | 39.371 | ng    | 100      |
| 50) Dimethylphthalate         | 9.592  | 163  | 267963   | 41.594 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.663  | 165  | 60318    | 41.487 | ng    | # 85     |
| 52) Acenaphthene              | 9.904  | 154  | 221840   | 39.648 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.839  | 138  | 57785    | 38.446 | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 9.957  | 184  | 24129    | 36.052 | ng    | 86       |
| 55) Dibenzofuran              | 10.075 | 168  | 319282   | 40.425 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.016 | 139  | 43088    | 47.672 | ng    | 88       |
| 57) 2,4-Dinitrotoluene        | 10.075 | 165  | 79095    | 42.640 | ng    | # 78     |
| 58) Fluorene                  | 10.422 | 166  | 264679   | 42.082 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.204 | 232  | 55371    | 38.824 | ng    | 96       |
| 60) Diethylphthalate          | 10.292 | 149  | 266725   | 43.665 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.410 | 204  | 128294   | 41.474 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.451 | 138  | 57048    | 39.940 | ng    | # 82     |
| 63) Azobenzene                | 10.569 | 77   | 274490   | 40.516 | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 10.486 | 198  | 38536    | 36.964 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 10.533 | 169  | 212563   | 39.795 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.898 | 248  | 72344    | 39.102 | ng    | 97       |
| 68) Hexachlorobenzene         | 10.969 | 284  | 75615    | 39.584 | ng    | 99       |
| 69) Atrazine                  | 11.057 | 200  | 51899    | 37.660 | ng    | 99       |
| 70) Pentachlorophenol         | 11.174 | 266  | 32173    | 37.365 | ng    | 99       |
| 71) Phenanthrene              | 11.380 | 178  | 352327   | 40.041 | ng    | 100      |
| 72) Anthracene                | 11.433 | 178  | 344553   | 39.749 | ng    | 100      |
| 73) Carbazole                 | 11.592 | 167  | 290496   | 38.844 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.910 | 149  | 366466   | 43.590 | ng    | 99       |
| 75) Fluoranthene              | 12.569 | 202  | 319496   | 38.894 | ng    | 99       |
| 77) Benzidine                 | 12.698 | 184  | 70708    | 35.583 | ng    | 100      |
| 78) Pyrene                    | 12.798 | 202  | 316221   | 40.426 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.410 | 149  | 104111   | 41.563 | ng    | 99       |
| 81) Benzo(a)anthracene        | 13.986 | 228  | 218644   | 38.218 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.951 | 252  | 60294    | 41.184 | ng    | 99       |
| 83) Chrysene                  | 14.027 | 228  | 211974   | 41.069 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.963 | 149  | 134893   | 36.776 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.574 | 149  | 223969   | 33.003 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.939 | 276  | 230050   | 36.769 | ng    | 96       |
| 88) Benzo(b)fluoranthene      | 15.033 | 252  | 225713   | 41.706 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.062 | 252  | 186532   | 39.808 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.404 | 252  | 186317   | 40.928 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 16.945 | 278  | 189073   | 36.814 | ng    | 96       |
| 92) Benzo(g,h,i)perylene      | 17.380 | 276  | 190583   | 35.760 | ng    | 96       |

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





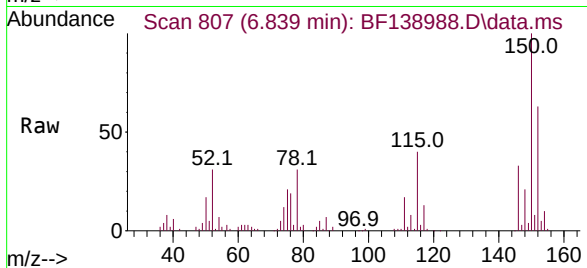
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.839 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



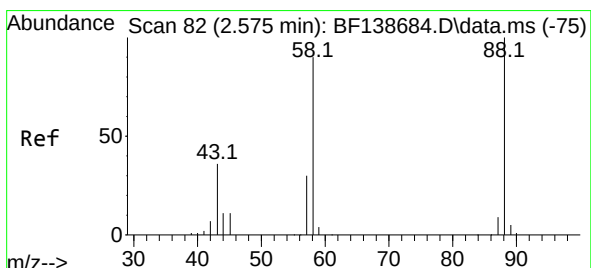
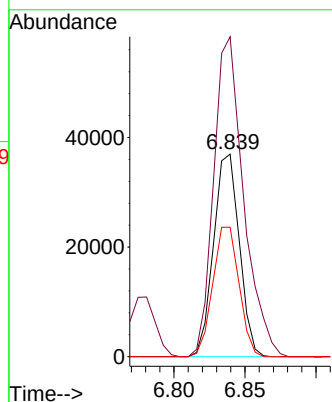
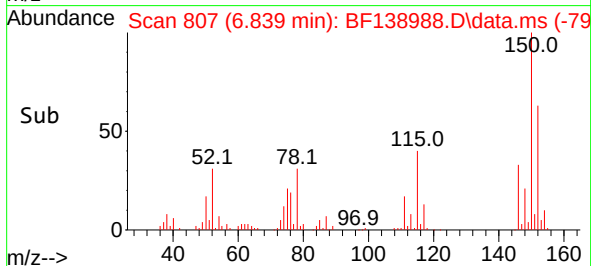
Tgt Ion:152 Resp: 46569  
Ion Ratio Lower Upper  
152 100  
150 158.0 126.0 189.0  
115 63.9 51.7 77.5

Manual Integrations

APPROVED

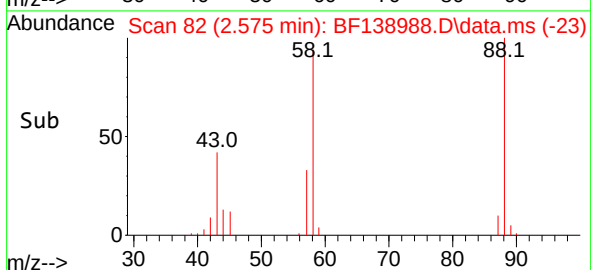
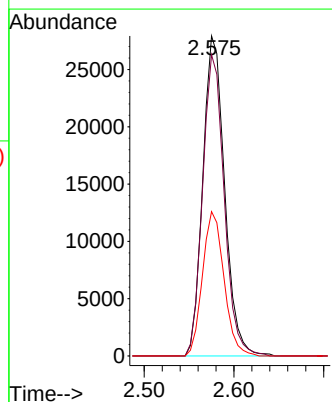
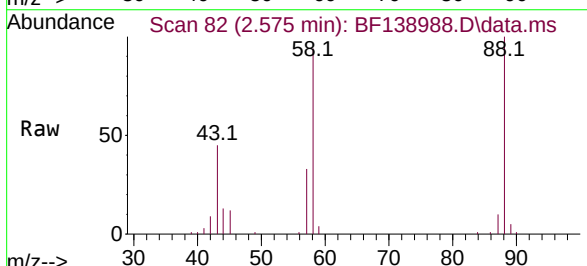
Reviewed By :Yogesh Patel 08/15/2024

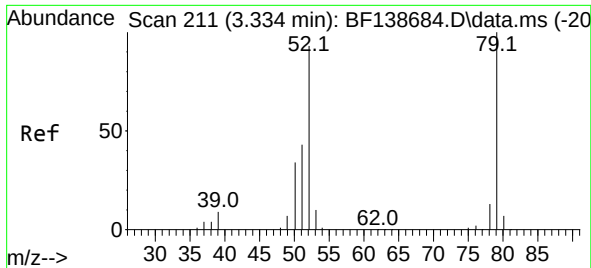
Supervised By :mohammad ahmed 08/16/2024



#2  
1,4-Dioxane  
Concen: 35.669 ng  
RT: 2.575 min Scan# 82  
Delta R.T. -0.000 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Tgt Ion: 88 Resp: 47110  
Ion Ratio Lower Upper  
88 100  
58 93.2 71.6 107.4  
43 44.6 28.7 43.1#





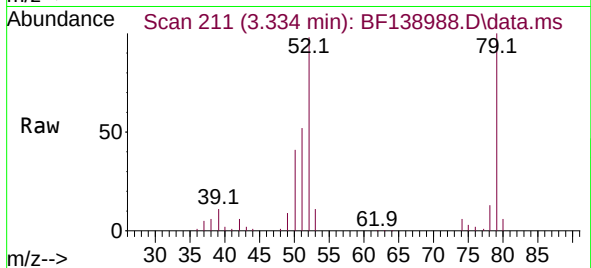
#3  
Pyridine  
Concen: 37.156 ng  
RT: 3.334 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



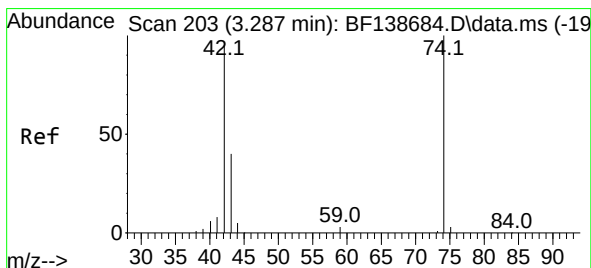
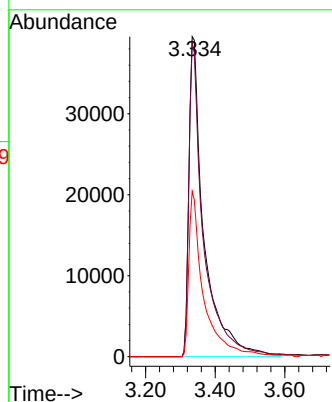
Tgt Ion: 79 Resp: 118879  
Ion Ratio Lower Upper  
79 100  
52 97.9 74.7 112.1  
51 51.7 34.6 51.8

Manual Integrations

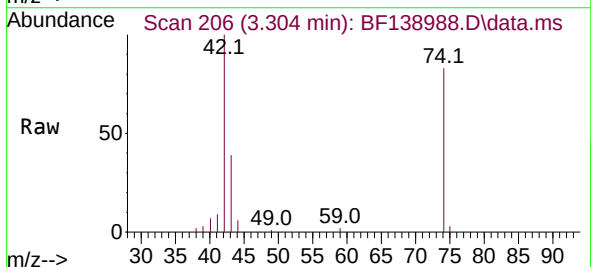
APPROVED

Reviewed By :Yogesh Patel 08/15/2024

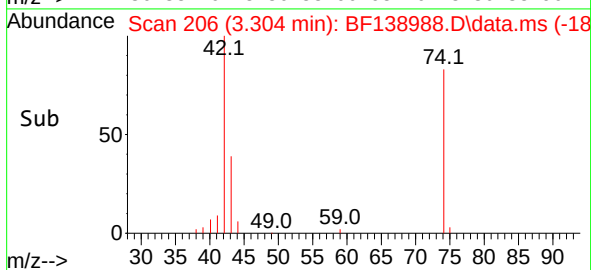
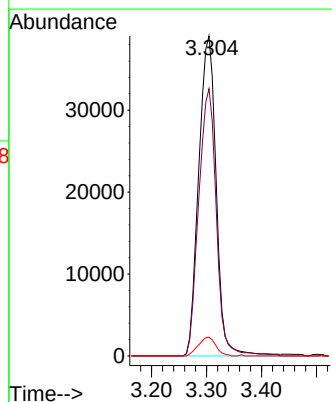
Supervised By :mohammad ahmed 08/16/2024

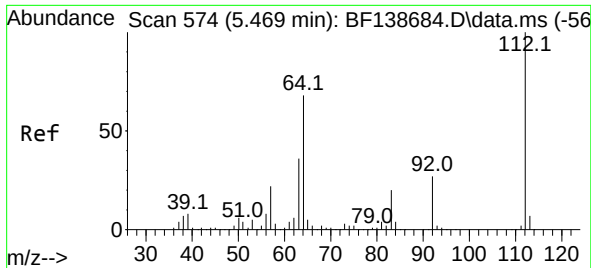


#4  
n-Nitrosodimethylamine  
Concen: 45.210 ng  
RT: 3.304 min Scan# 206  
Delta R.T. 0.018 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03



Tgt Ion: 42 Resp: 86150  
Ion Ratio Lower Upper  
42 100  
74 83.5 84.2 126.4#  
44 5.9 4.9 7.3





#5  
2-Fluorophenol  
Concen: 78.978 ng  
RT: 5.469 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Instrument :

BNA\_F

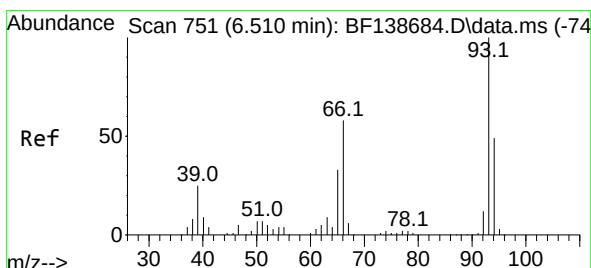
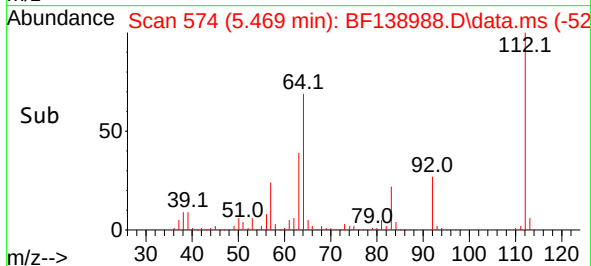
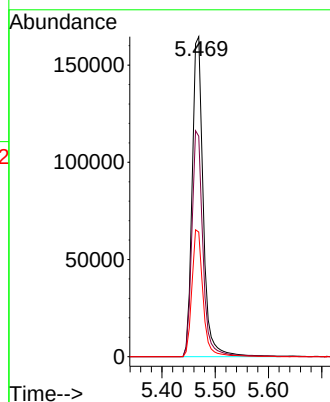
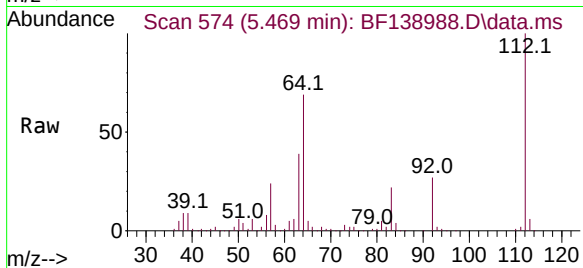
ClientSampleId :

SSTDCCC040

Tgt Ion:112 Resp: 23826  
Ion Ratio Lower Upper  
112 100  
64 68.9 54.2 81.4  
63 38.9 28.7 43.1

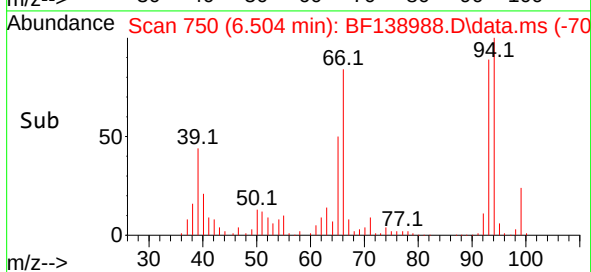
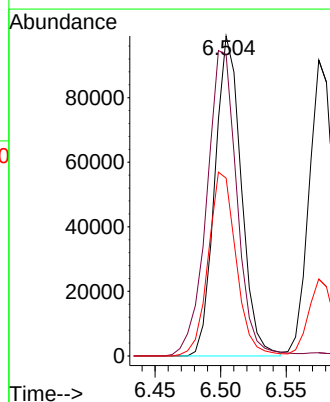
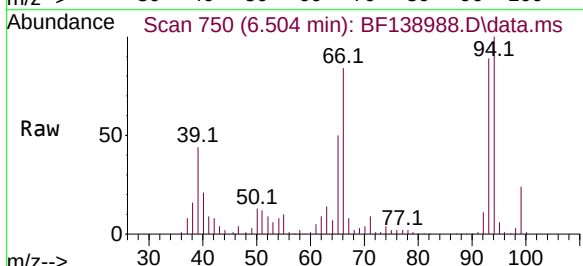
Manual Integrations  
APPROVED

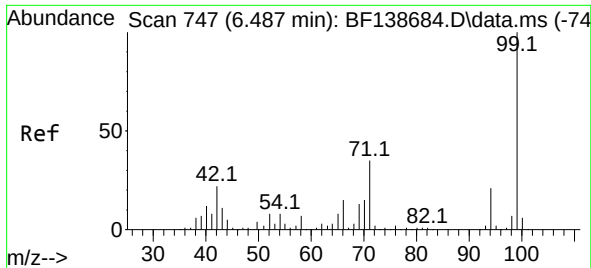
Reviewed By :Yogesh Patel 08/15/2024  
Supervised By :mohammad ahmed 08/16/2024



#6  
Aniline  
Concen: 38.250 ng  
RT: 6.504 min Scan# 750  
Delta R.T. -0.006 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

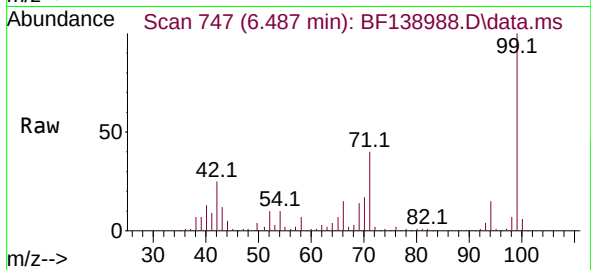
Tgt Ion: 93 Resp: 138167  
Ion Ratio Lower Upper  
93 100  
66 94.2 46.9 70.3#  
65 55.6 26.5 39.7#





#7  
Phenol-d6  
Concen: 78.311 ng  
RT: 6.487 min Scan# 747  
Delta R.T. -0.000 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

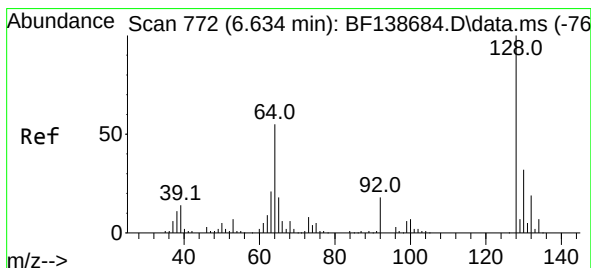
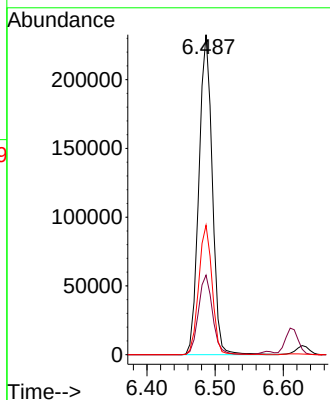
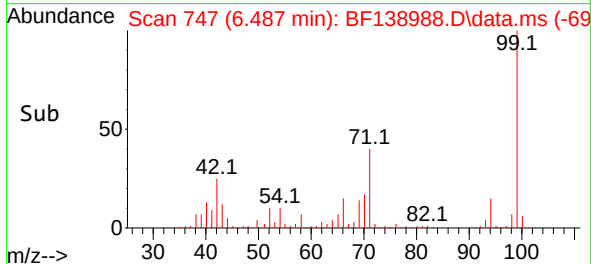
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 99 Resp: 317188  
Ion Ratio Lower Upper  
99 100  
42 24.8 17.4 26.0  
71 40.5 28.1 42.1

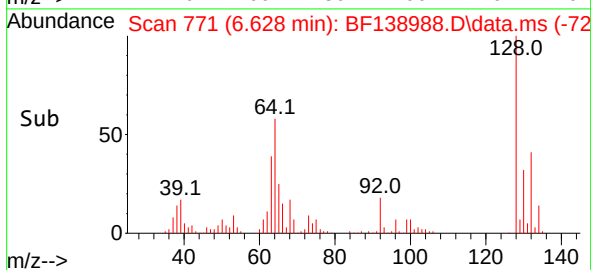
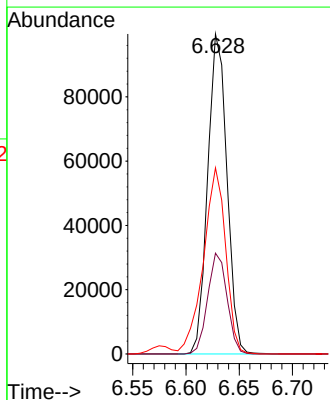
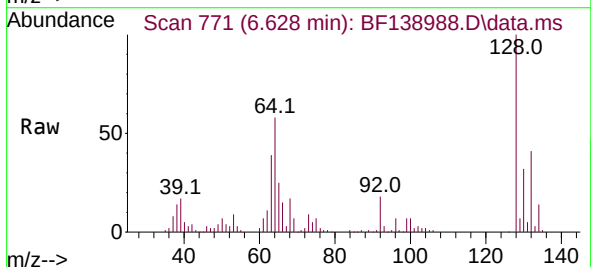
Manual Integrations  
APPROVED

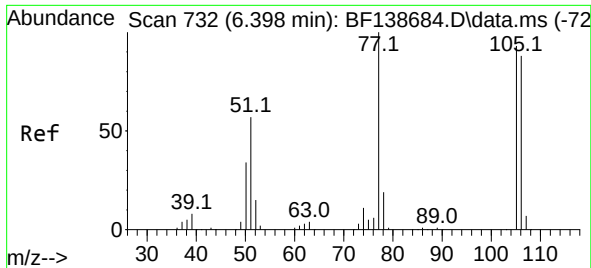
Reviewed By :Yogesh Patel 08/15/2024  
Supervised By :mohammad ahmed 08/16/2024



#8  
2-Chlorophenol  
Concen: 39.344 ng  
RT: 6.628 min Scan# 771  
Delta R.T. -0.006 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Tgt Ion:128 Resp: 124880  
Ion Ratio Lower Upper  
128 100  
130 31.5 12.0 52.0  
64 58.2 36.3 76.3





#9  
Benzaldehyde  
Concen: 32.783 ng  
RT: 6.392 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Instrument :

BNA\_F

ClientSampleId :

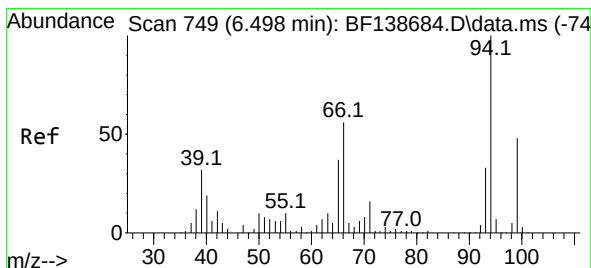
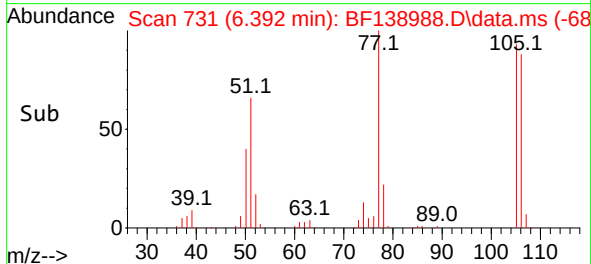
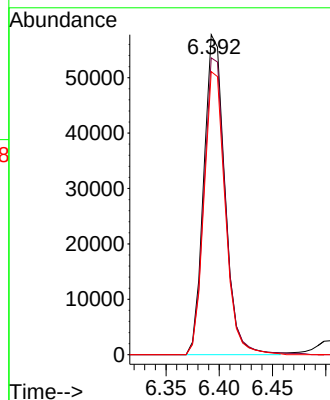
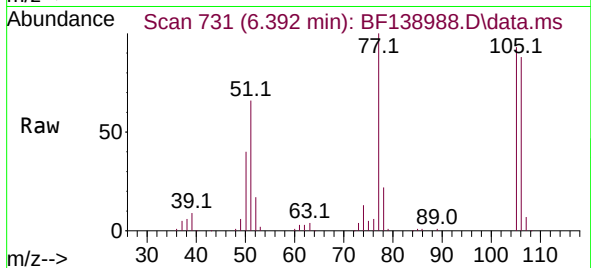
SSTDCCC040

Tgt Ion: 77 Resp: 79598  
Ion Ratio Lower Upper  
77 100  
105 92.7 72.9 112.9  
106 88.4 68.4 108.4

Manual Integrations

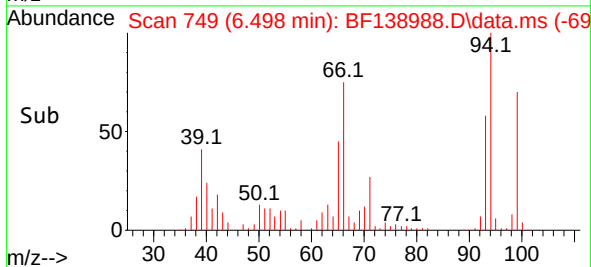
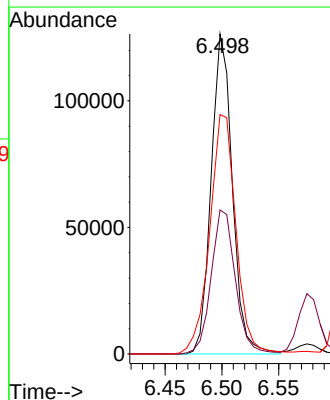
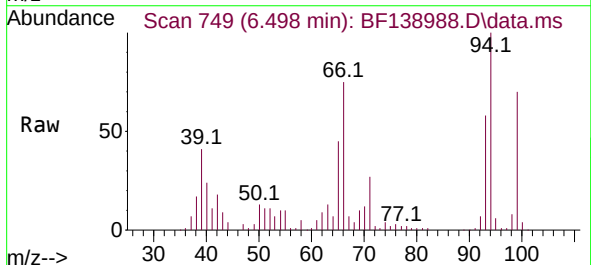
APPROVED

Reviewed By :Yogesh Patel 08/15/2024  
Supervised By :mohammad ahmed 08/16/2024

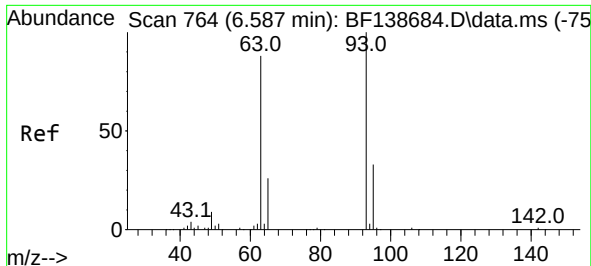


#10  
Phenol  
Concen: 38.514 ng  
RT: 6.498 min Scan# 749  
Delta R.T. -0.000 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Tgt Ion: 94 Resp: 164246  
Ion Ratio Lower Upper  
94 100  
65 45.0 16.9 56.9  
66 74.8 36.5 76.5







#11  
bis(2-Chloroethyl)ether  
Concen: 36.171 ng  
RT: 6.575 min Scan# 701  
Delta R.T. -0.012 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Instrument :

BNA\_F

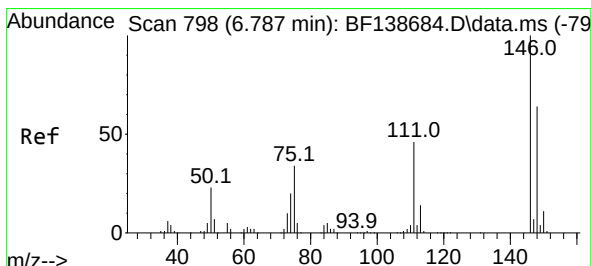
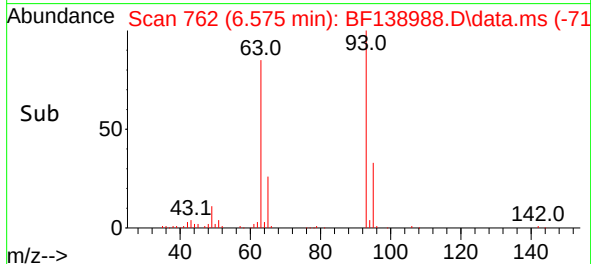
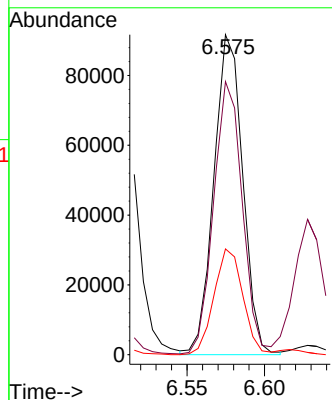
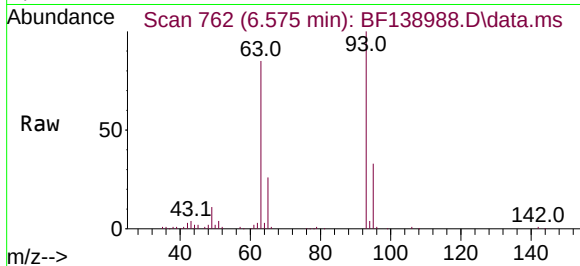
ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 11870  
Ion Ratio Lower Upper  
93 100  
63 85.4 65.3 105.3  
95 33.0 12.4 52.4

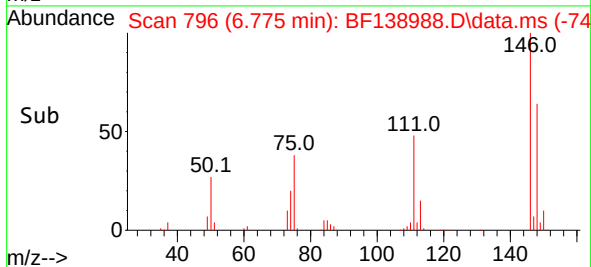
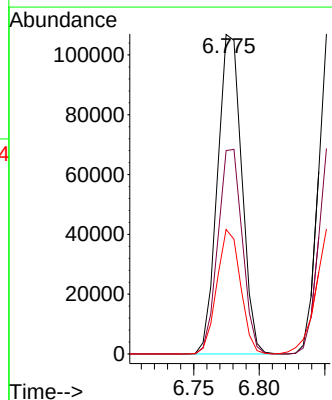
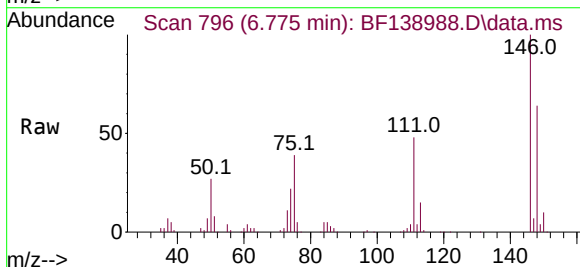
Manual Integrations  
APPROVED

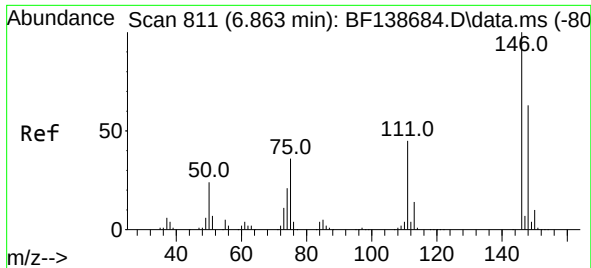
Reviewed By :Yogesh Patel 08/15/2024  
Supervised By :mohammad ahmed 08/16/2024



#12  
1,3-Dichlorobenzene  
Concen: 38.642 ng  
RT: 6.775 min Scan# 796  
Delta R.T. -0.012 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Tgt Ion:146 Resp: 137294  
Ion Ratio Lower Upper  
146 100  
148 63.6 51.2 76.8  
75 39.0 27.4 41.2





#13  
1,4-Dichlorobenzene  
Concen: 39.481 ng  
RT: 6.857 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Instrument :

BNA\_F

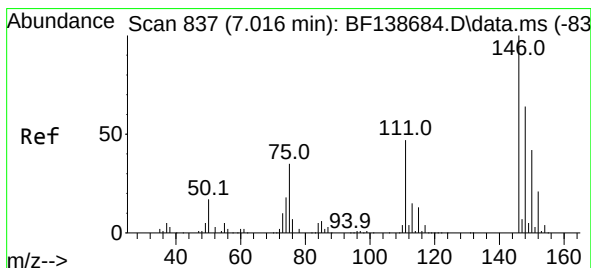
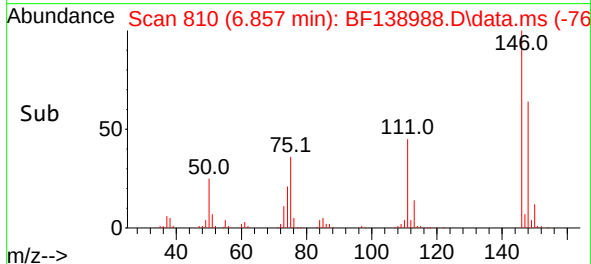
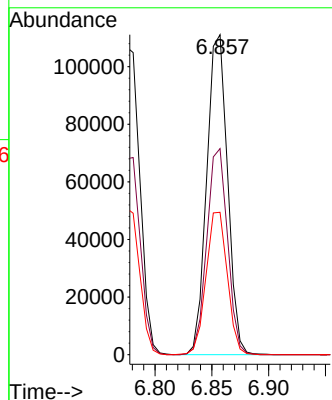
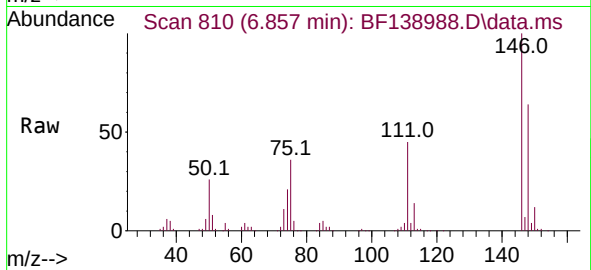
ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 14156  
Ion Ratio Lower Upper  
146 100  
148 64.4 50.2 75.2  
111 44.5 35.9 53.9

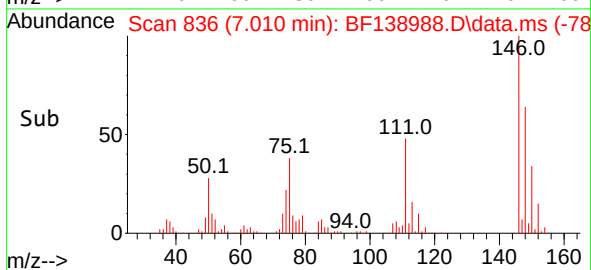
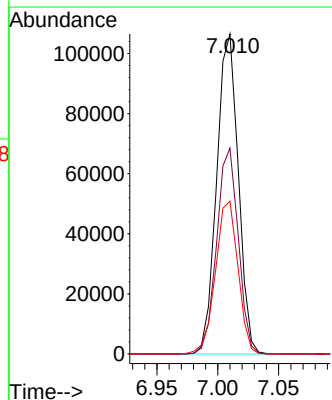
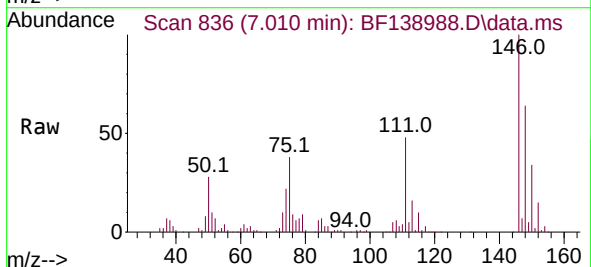
Manual Integrations  
APPROVED

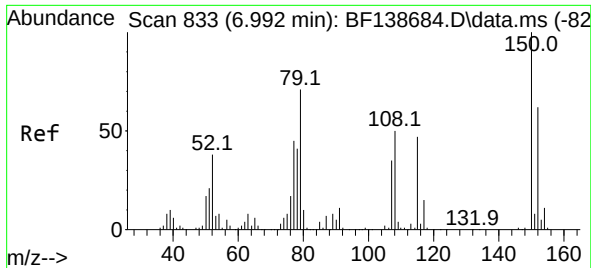
Reviewed By :Yogesh Patel 08/15/2024  
Supervised By :mohammad ahmed 08/16/2024



#14  
1,2-Dichlorobenzene  
Concen: 39.221 ng  
RT: 7.010 min Scan# 836  
Delta R.T. -0.006 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

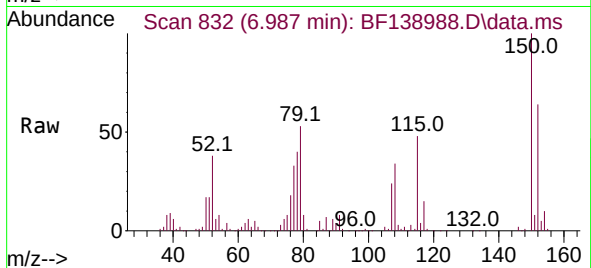
Tgt Ion:146 Resp: 131427  
Ion Ratio Lower Upper  
146 100  
148 64.3 50.8 76.2  
111 47.8 37.4 56.2





#15  
Benzyl Alcohol  
Concen: 41.229 ng  
RT: 6.987 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

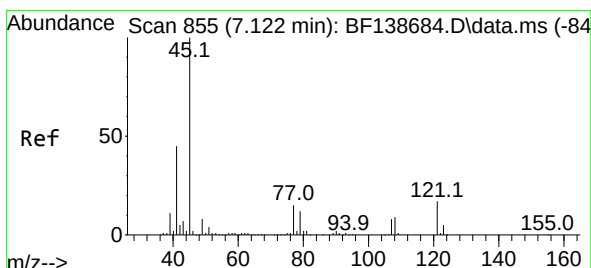
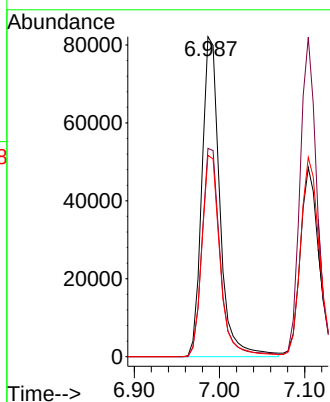
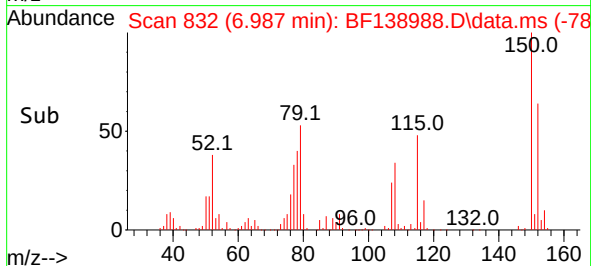
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



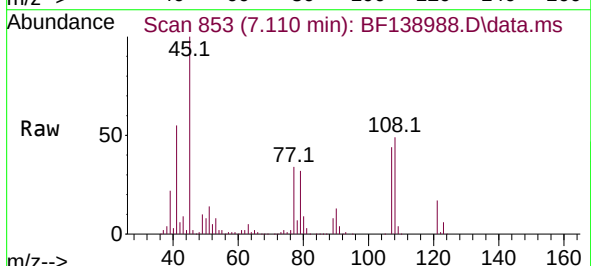
Tgt Ion: 79 Resp: 120359  
Ion Ratio Lower Upper  
79 100  
108 65.1 56.6 85.0  
77 62.9 50.3 75.5

Manual Integrations  
APPROVED

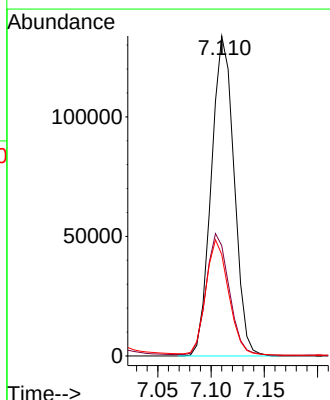
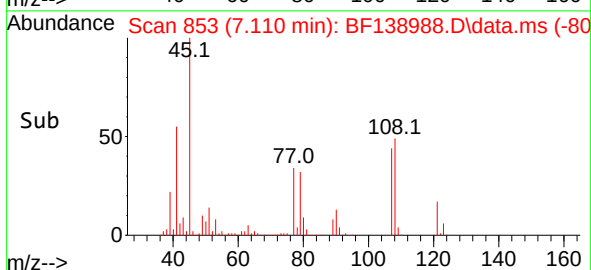
Reviewed By :Yogesh Patel 08/15/2024  
Supervised By :mohammad ahmed 08/16/2024

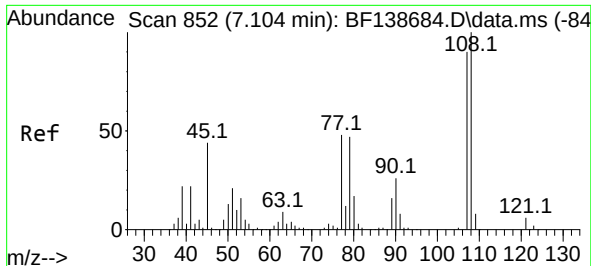


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 35.200 ng  
RT: 7.110 min Scan# 853  
Delta R.T. -0.012 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03



Tgt Ion: 45 Resp: 198801  
Ion Ratio Lower Upper  
45 100  
77 34.5 0.0 34.9  
79 31.7 0.0 32.2





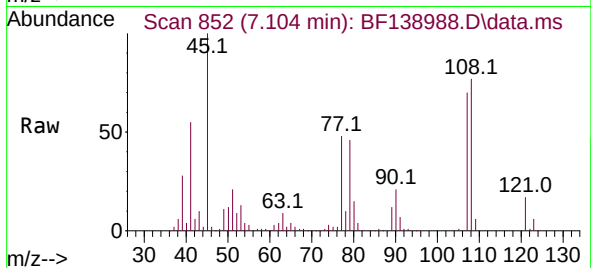
#17  
2-Methylphenol  
Concen: 38.428 ng  
RT: 7.104 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



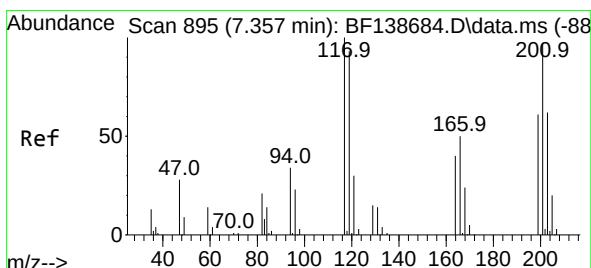
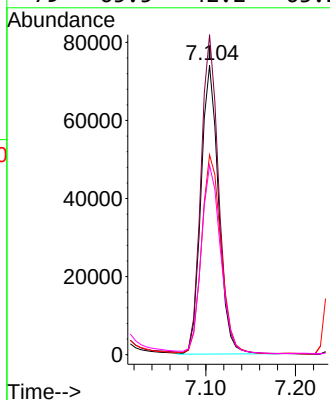
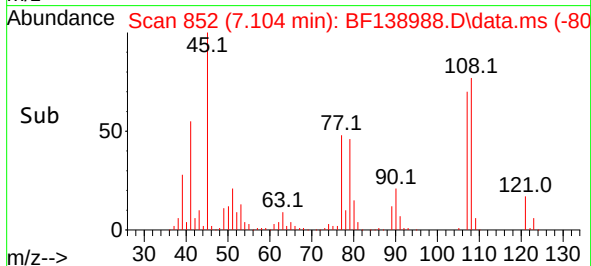
Tgt Ion:107 Resp: 100710  
Ion Ratio Lower Upper  
107 100  
108 110.6 89.2 133.8  
77 69.0 43.0 64.4  
79 65.5 42.2 63.2#

Manual Integrations

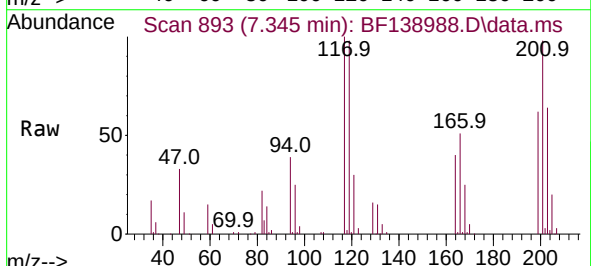
APPROVED

Reviewed By :Yogesh Patel 08/15/2024

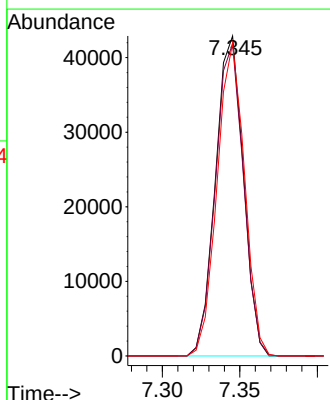
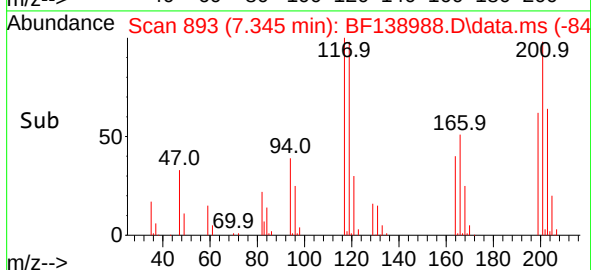
Supervised By :mohammad ahmed 08/16/2024

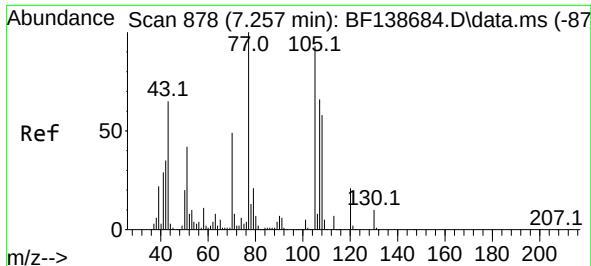


#18  
Hexachloroethane  
Concen: 39.720 ng  
RT: 7.345 min Scan# 893  
Delta R.T. -0.012 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03



Tgt Ion:117 Resp: 53609  
Ion Ratio Lower Upper  
117 100  
119 97.6 74.6 111.8  
201 97.8 77.2 115.8





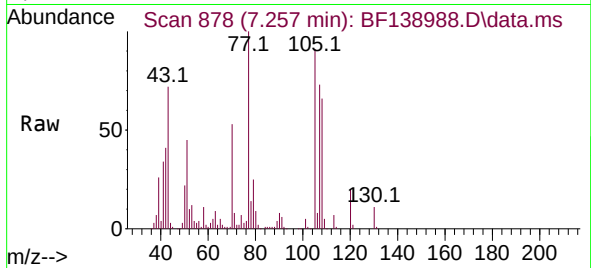
#19  
n-Nitroso-di-n-propylamine  
Concen: 39.876 ng  
RT: 7.257 min Scan# 878  
Delta R.T. -0.000 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



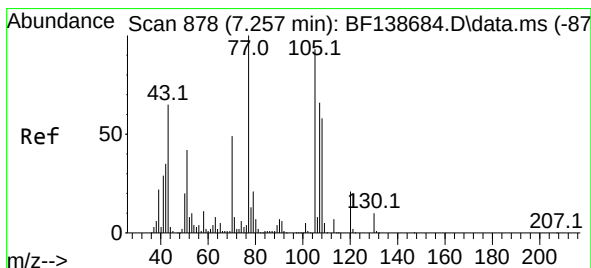
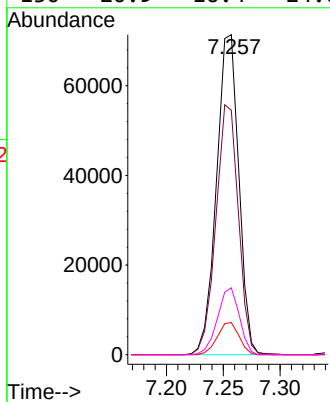
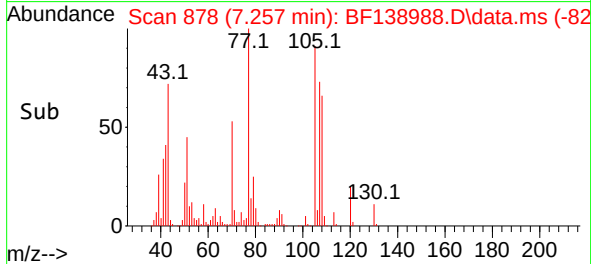
Tgt Ion: 70 Resp: 9755  
Ion Ratio Lower Upper  
70 100  
42 76.4 57.4 86.0  
101 10.0 7.5 11.3  
130 20.9 16.4 24.6

Manual Integrations

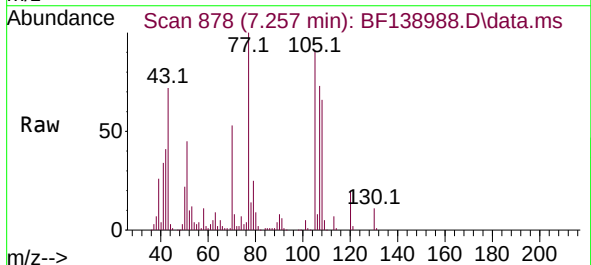
APPROVED

Reviewed By :Yogesh Patel 08/15/2024

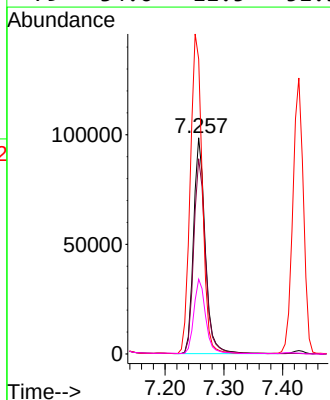
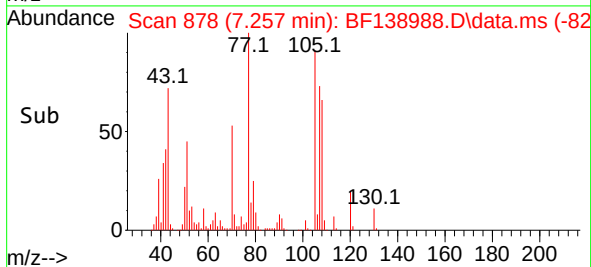
Supervised By :mohammad ahmed 08/16/2024

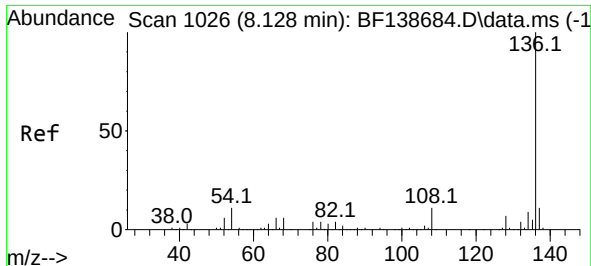


#20  
3+4-Methylphenols  
Concen: 40.386 ng  
RT: 7.257 min Scan# 878  
Delta R.T. -0.000 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03



Tgt Ion:107 Resp: 135810  
Ion Ratio Lower Upper  
107 100  
108 90.3 68.2 108.2  
77 136.4 132.1 172.1  
79 34.6 11.5 51.5





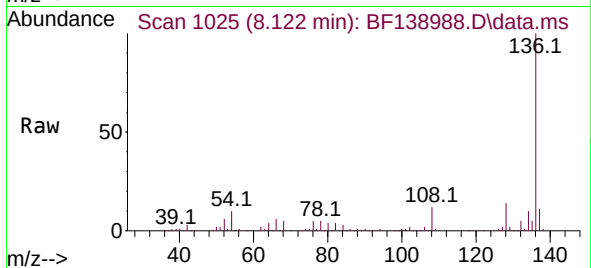
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.122 min Scan# 1025  
Delta R.T. -0.006 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



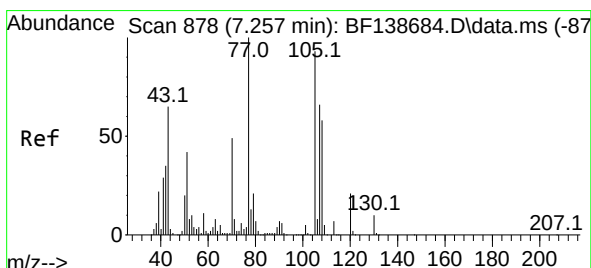
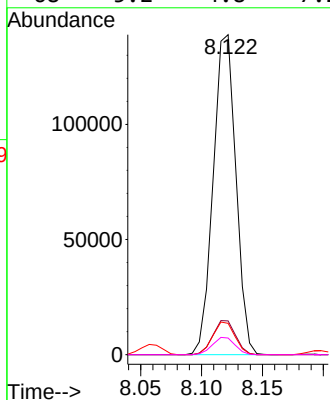
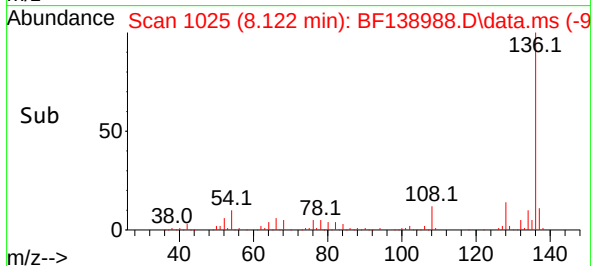
Tgt Ion:136 Resp: 18039  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.9 13.3  
54 9.8 8.6 12.8  
68 5.2 4.8 7.2

Manual Integrations

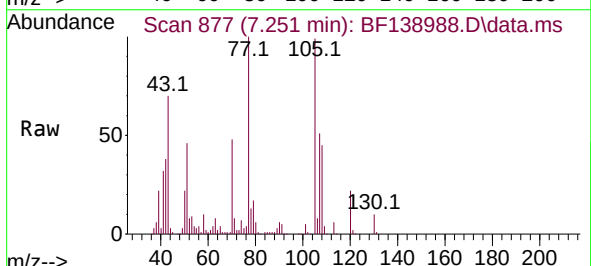
APPROVED

Reviewed By :Yogesh Patel 08/15/2024

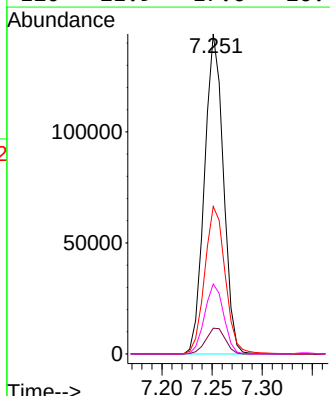
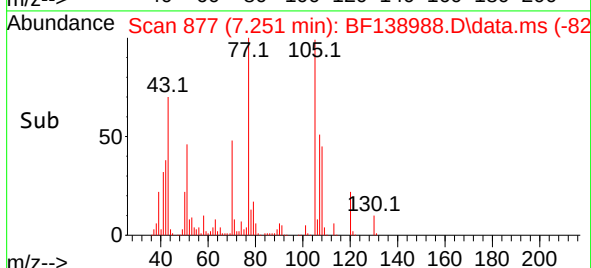
Supervised By :mohammad ahmed 08/16/2024

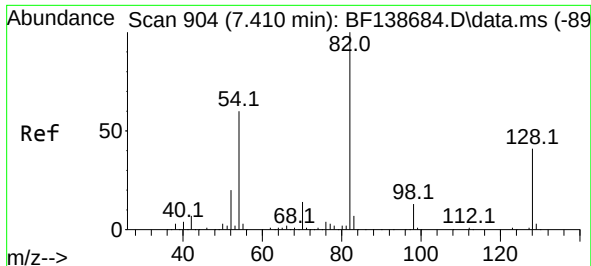


#22  
Acetophenone  
Concen: 42.932 ng  
RT: 7.251 min Scan# 877  
Delta R.T. -0.006 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03



Tgt Ion:105 Resp: 189628  
Ion Ratio Lower Upper  
105 100  
71 8.0 7.2 10.8  
51 46.1 35.9 53.9  
120 21.9 17.6 26.4





#23

Nitrobenzene-d5

Concen: 84.071 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF138988.D

Acq: 14 Aug 2024 12:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

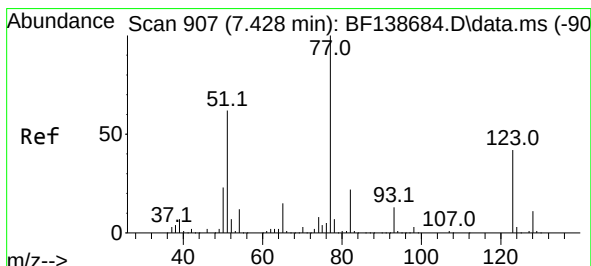
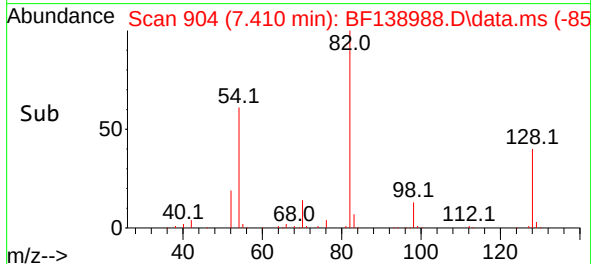
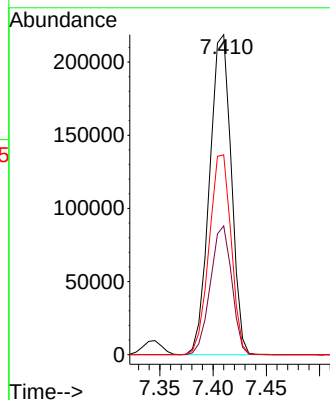
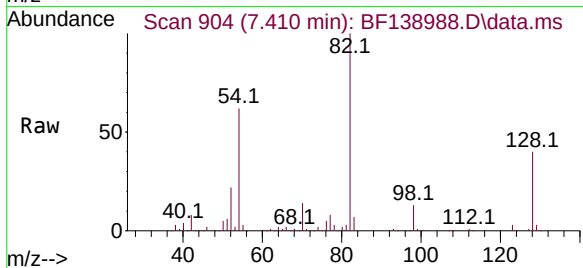
Tgt Ion: 82 Resp: 31019  
 Ion Ratio Lower Upper  
 82 100  
 128 40.3 32.8 49.2  
 54 62.4 48.3 72.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/15/2024

Supervised By :mohammad ahmed 08/16/2024



#24

Nitrobenzene

Concen: 41.674 ng

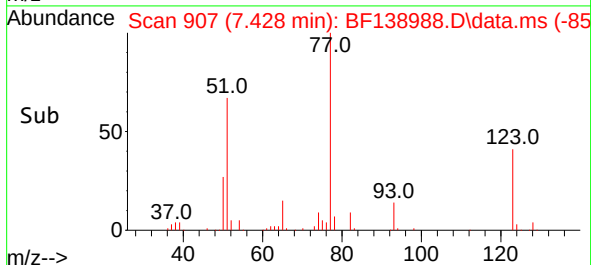
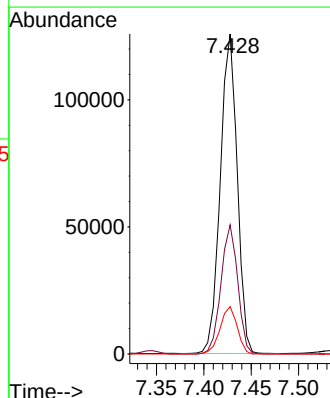
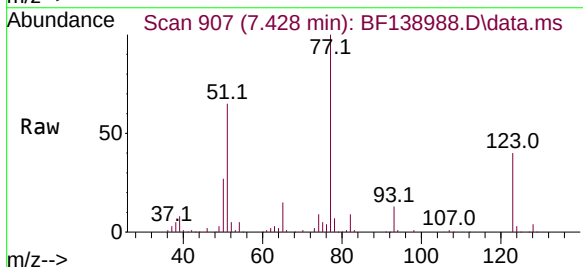
RT: 7.428 min Scan# 907

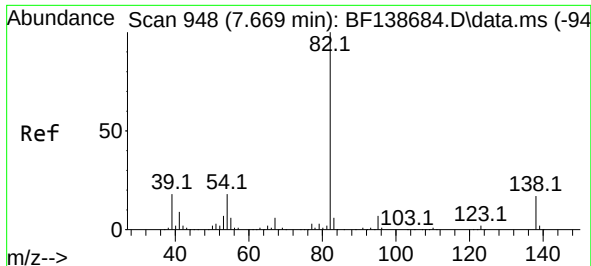
Delta R.T. -0.000 min

Lab File: BF138988.D

Acq: 14 Aug 2024 12:03

Tgt Ion: 77 Resp: 156466  
 Ion Ratio Lower Upper  
 77 100  
 123 40.3 33.3 49.9  
 65 14.8 11.9 17.9





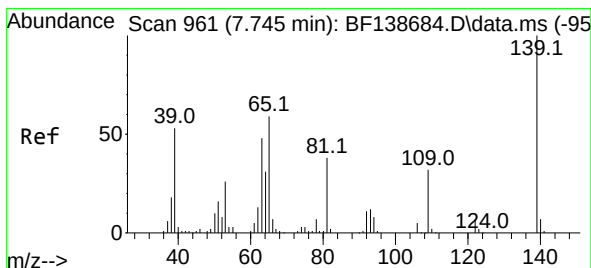
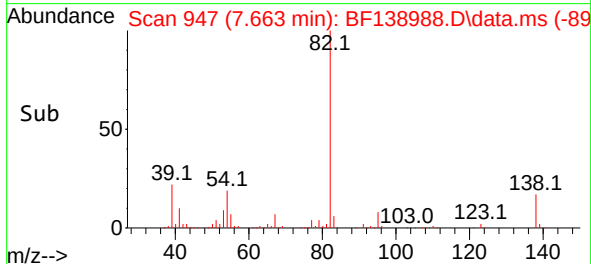
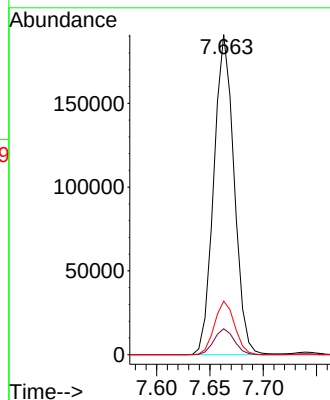
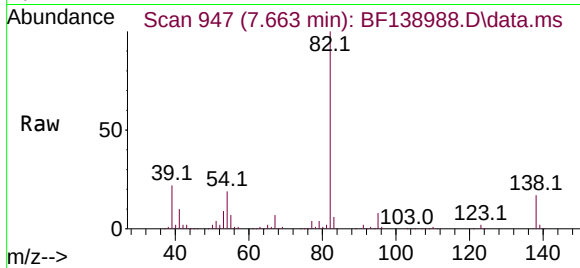
#25  
Isophorone  
Concen: 40.170 ng  
RT: 7.663 min Scan# 948  
Delta R.T. -0.006 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 25308  
Ion Ratio Lower Upper  
82 100  
95 8.1 5.7 8.5  
138 16.7 13.7 20.5

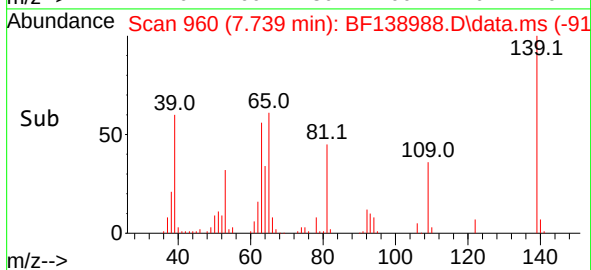
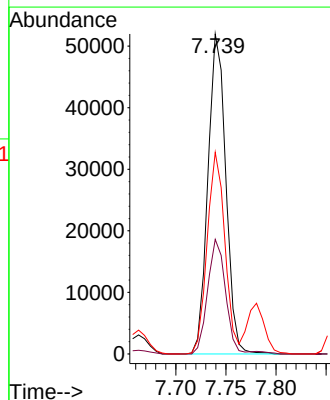
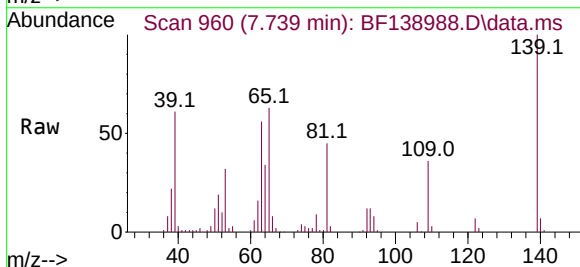
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/15/2024  
Supervised By :mohammad ahmed 08/16/2024

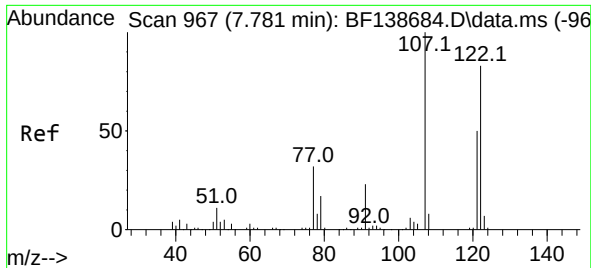


#26  
2-Nitrophenol  
Concen: 40.063 ng  
RT: 7.739 min Scan# 960  
Delta R.T. -0.006 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Tgt Ion:139 Resp: 64715  
Ion Ratio Lower Upper  
139 100  
109 35.8 25.9 38.9  
65 63.0 47.0 70.6







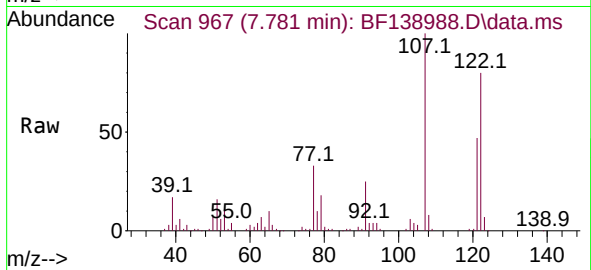
#27  
2,4-Dimethylphenol  
Concen: 39.859 ng  
RT: 7.781 min Scan# 90  
Delta R.T. -0.000 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



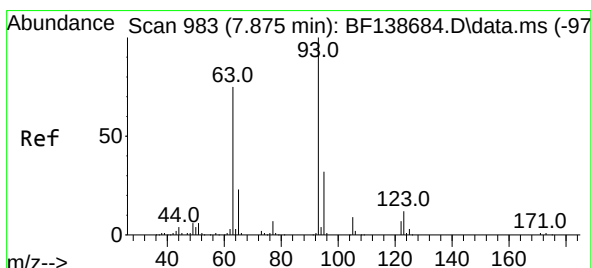
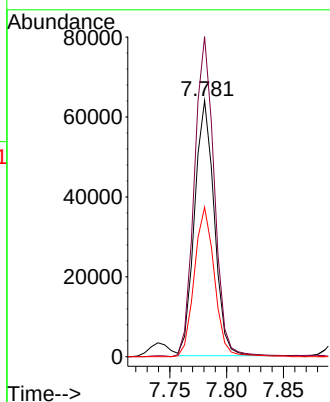
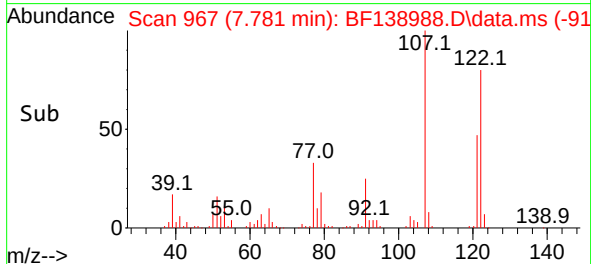
Tgt Ion:122 Resp: 77034  
Ion Ratio Lower Upper  
122 100  
107 125.0 95.0 142.6  
121 58.3 47.3 70.9

Manual Integrations

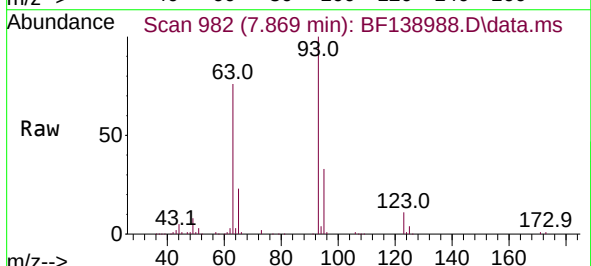
APPROVED

Reviewed By :Yogesh Patel 08/15/2024

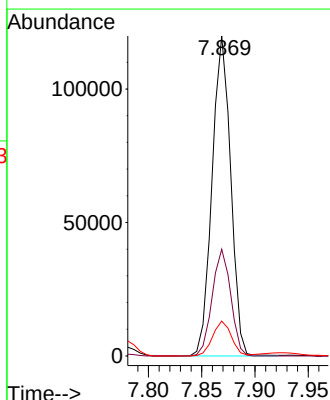
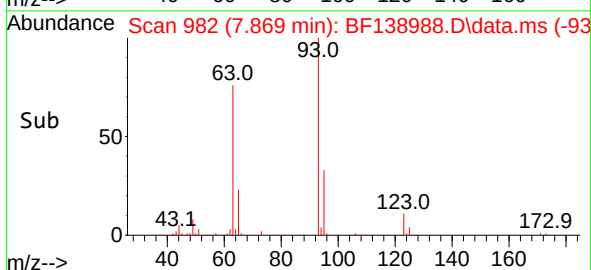
Supervised By :mohammad ahmed 08/16/2024

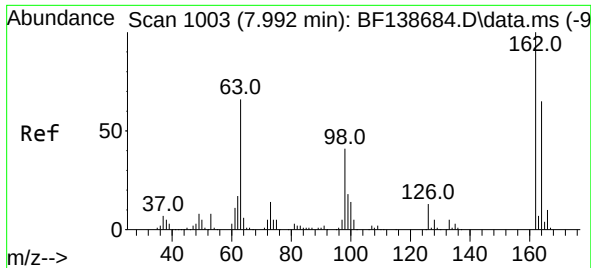


#28  
bis(2-Chloroethoxy)methane  
Concen: 38.016 ng  
RT: 7.869 min Scan# 982  
Delta R.T. -0.006 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03



Tgt Ion: 93 Resp: 145855  
Ion Ratio Lower Upper  
93 100  
95 33.3 25.8 38.8  
123 10.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 40.610 ng

RT: 7.986 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF138988.D

Acq: 14 Aug 2024 12:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

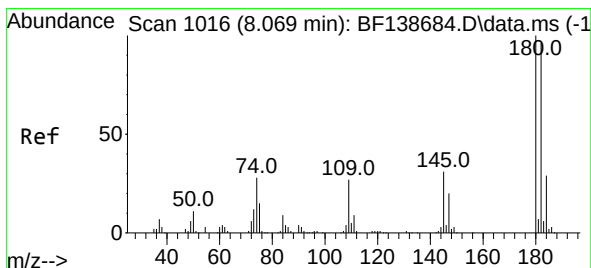
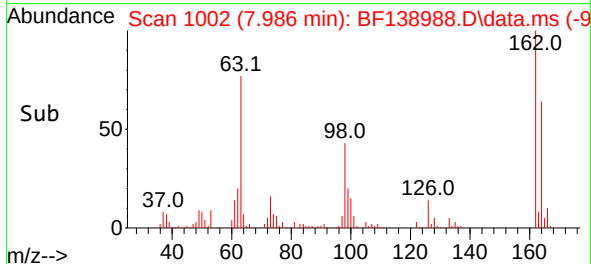
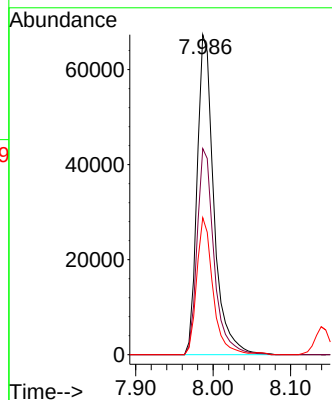
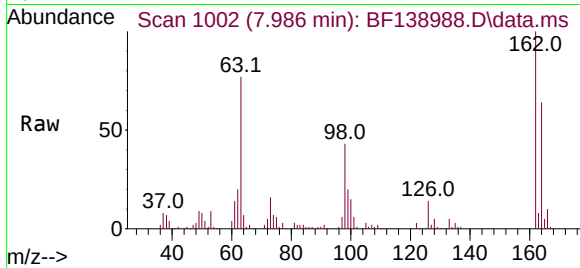
Tgt Ion:162 Resp: 10085  
 Ion Ratio Lower Upper  
 162 100  
 164 64.4 44.7 84.7  
 98 42.8 20.8 60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/15/2024

Supervised By :mohammad ahmed 08/16/2024



#30

1,2,4-Trichlorobenzene

Concen: 40.354 ng

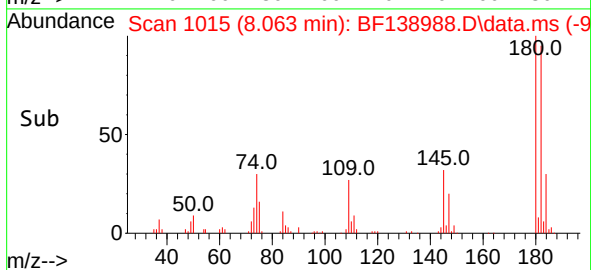
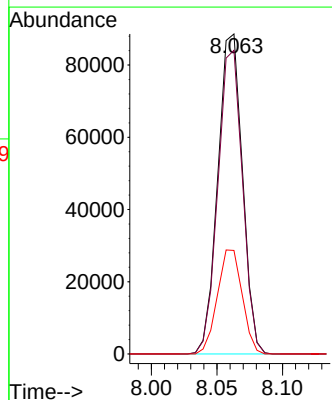
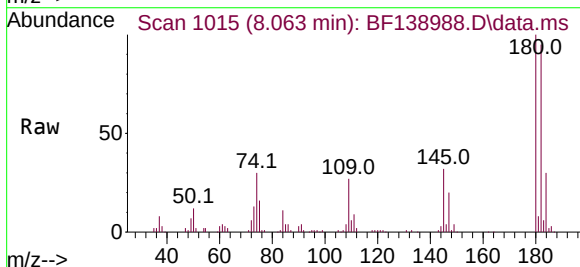
RT: 8.063 min Scan# 1015

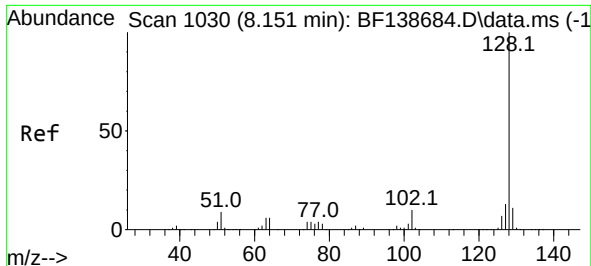
Delta R.T. -0.006 min

Lab File: BF138988.D

Acq: 14 Aug 2024 12:03

Tgt Ion:180 Resp: 115653  
 Ion Ratio Lower Upper  
 180 100  
 182 94.9 76.9 115.3  
 145 32.4 25.0 37.4





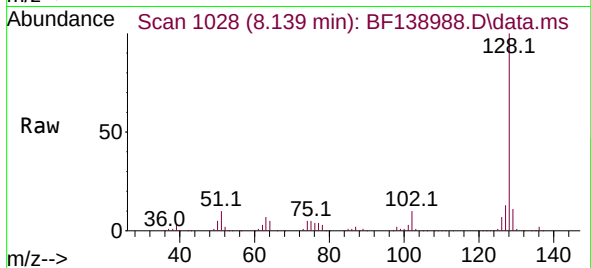
#31  
Naphthalene  
Concen: 40.153 ng  
RT: 8.139 min Scan# 1030  
Delta R.T. -0.012 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

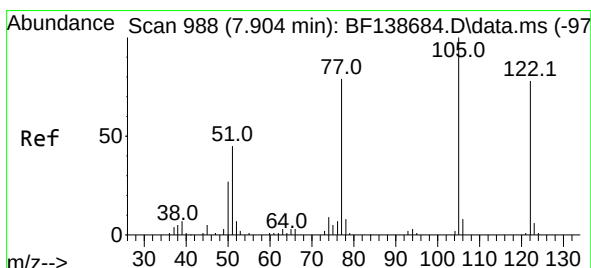
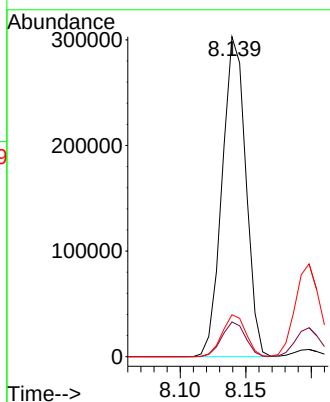
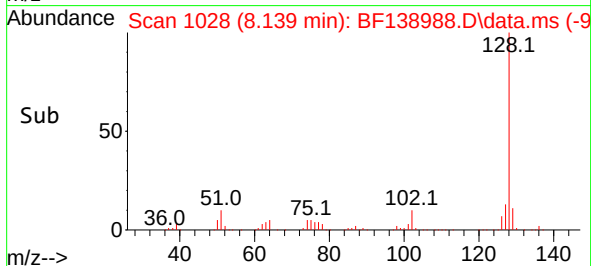


Tgt Ion:128 Resp: 381268  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.7 13.1  
127 13.1 10.6 16.0

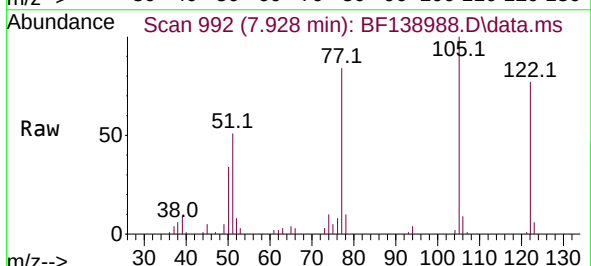
Manual Integrations

APPROVED

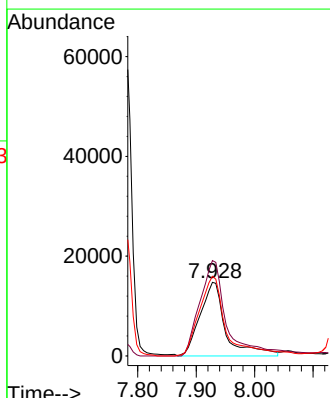
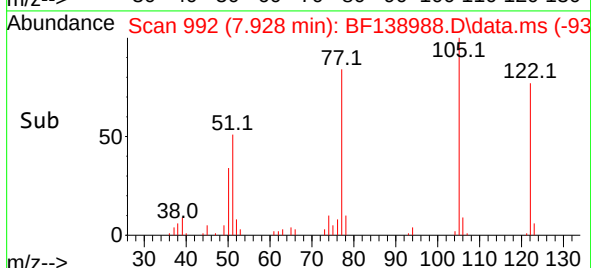
Reviewed By :Yogesh Patel 08/15/2024  
Supervised By :mohammad ahmed 08/16/2024

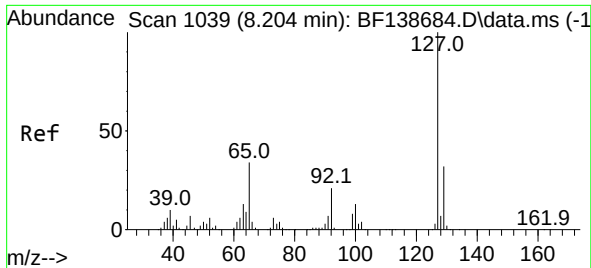


#32  
Benzoic acid  
Concen: 29.736 ng m  
RT: 7.928 min Scan# 992  
Delta R.T. 0.024 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03



Tgt Ion:122 Resp: 45176  
Ion Ratio Lower Upper  
122 100  
105 129.6 106.7 146.7  
77 108.4 81.1 121.1





#33  
4-Chloroaniline  
Concen: 38.457 ng  
RT: 8.198 min Scan# 1038  
Delta R.T. -0.006 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Instrument :

BNA\_F

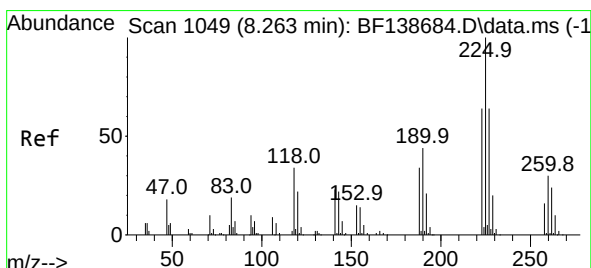
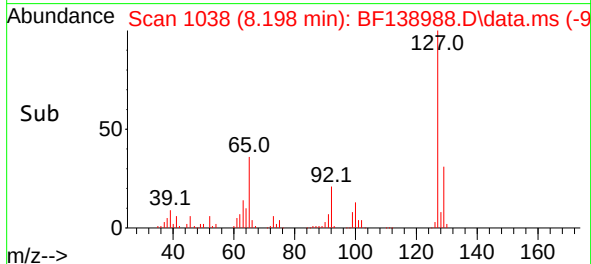
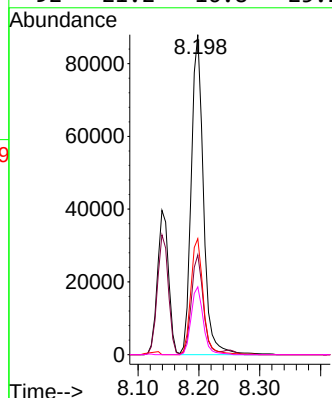
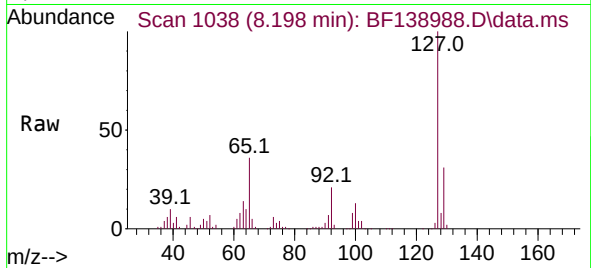
ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 122579  
Ion Ratio Lower Upper  
127 100  
129 31.2 25.9 38.9  
65 36.3 27.6 41.4  
92 21.2 16.8 25.2

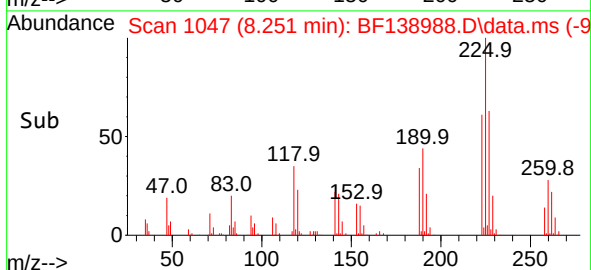
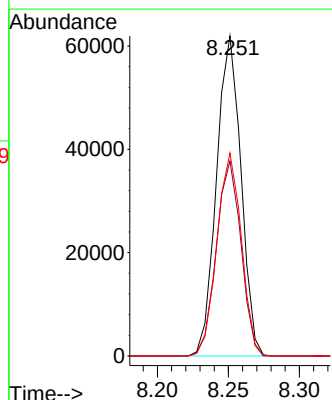
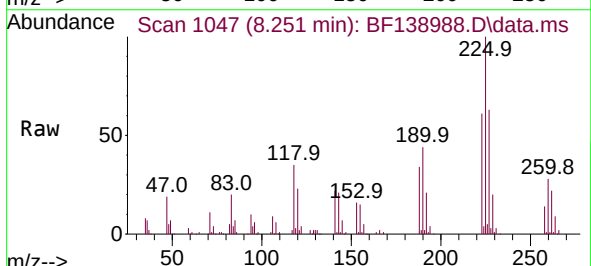
Manual Integrations  
APPROVED

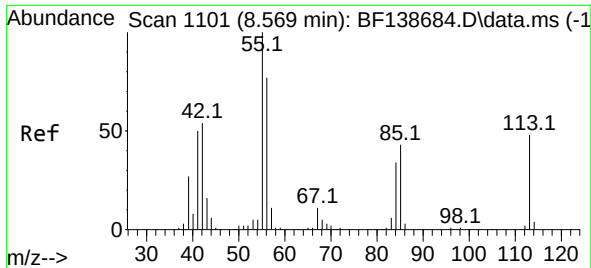
Reviewed By :Yogesh Patel 08/15/2024  
Supervised By :mohammad ahmed 08/16/2024



#34  
Hexachlorobutadiene  
Concen: 42.681 ng  
RT: 8.251 min Scan# 1047  
Delta R.T. -0.012 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Tgt Ion:225 Resp: 74090  
Ion Ratio Lower Upper  
225 100  
223 60.9 51.2 76.8  
227 63.4 51.1 76.7





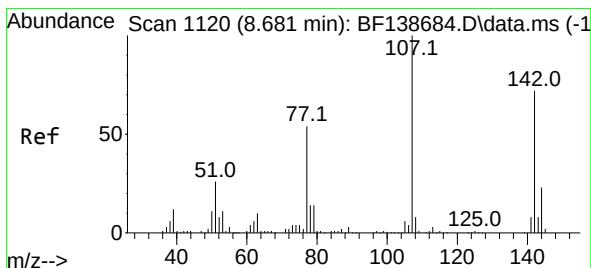
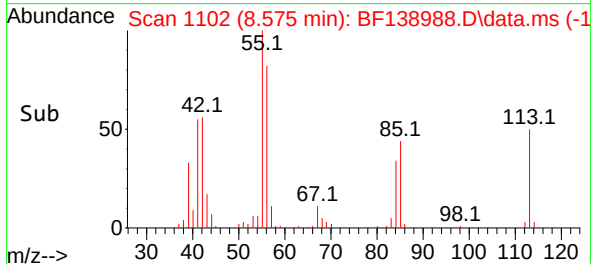
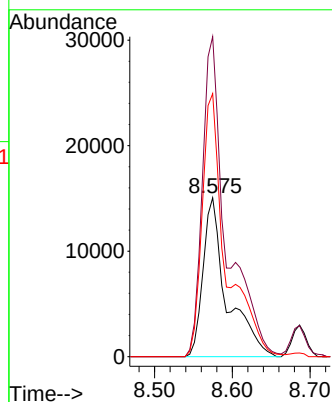
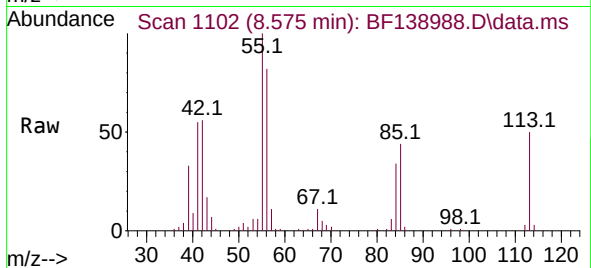
#35  
Caprolactam  
Concen: 43.423 ng m  
RT: 8.575 min Scan# 1101  
Delta R.T. 0.006 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:113 Resp: 32178  
Ion Ratio Lower Upper  
113 100  
55 201.3 186.7 226.7  
56 165.5 138.9 178.9

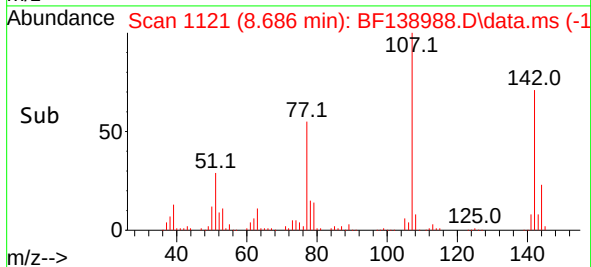
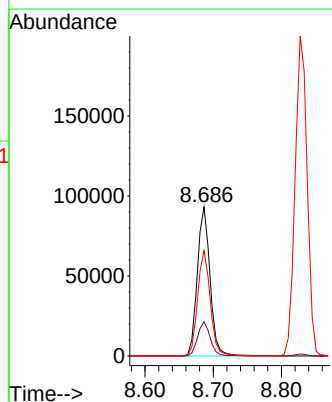
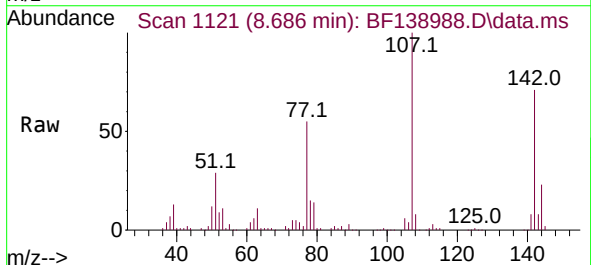
Manual Integrations  
APPROVED

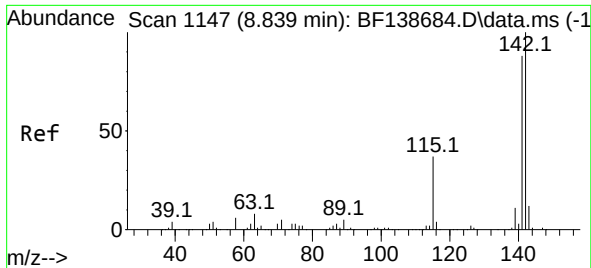
Reviewed By :Yogesh Patel 08/15/2024  
Supervised By :mohammad ahmed 08/16/2024



#36  
4-Chloro-3-methylphenol  
Concen: 42.436 ng  
RT: 8.686 min Scan# 1121  
Delta R.T. 0.006 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Tgt Ion:107 Resp: 120444  
Ion Ratio Lower Upper  
107 100  
144 22.9 18.2 27.2  
142 70.7 57.4 86.2





#37  
2-Methylnaphthalene  
Concen: 40.974 ng  
RT: 8.828 min Scan# 1145  
Delta R.T. -0.012 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Instrument :

BNA\_F

ClientSampleId :

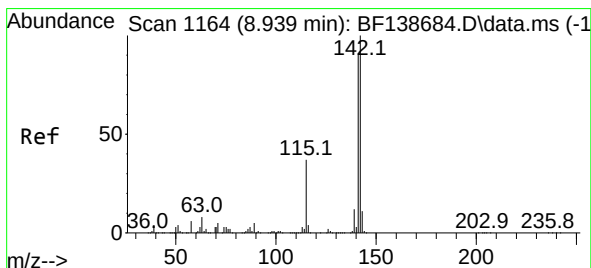
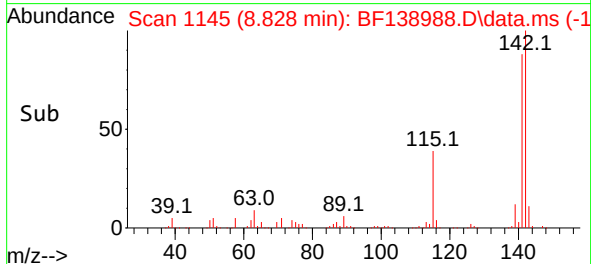
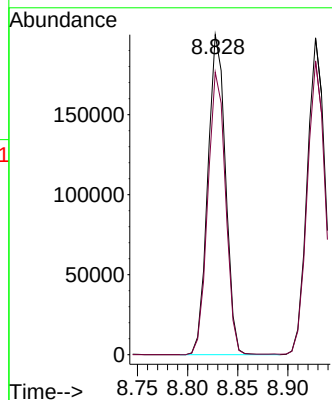
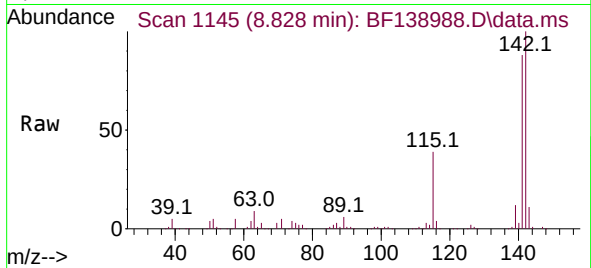
SSTDCCC040

Tgt Ion:142 Resp: 24571  
Ion Ratio Lower Upper  
142 100  
141 88.3 70.8 106.2

Manual Integrations

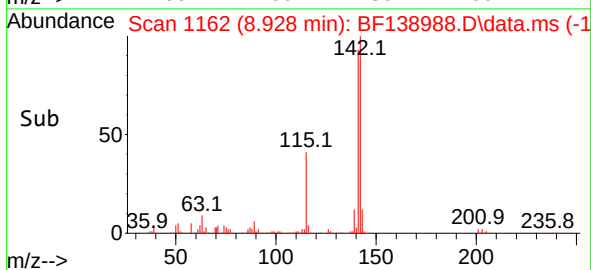
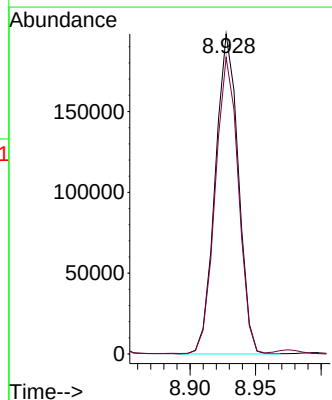
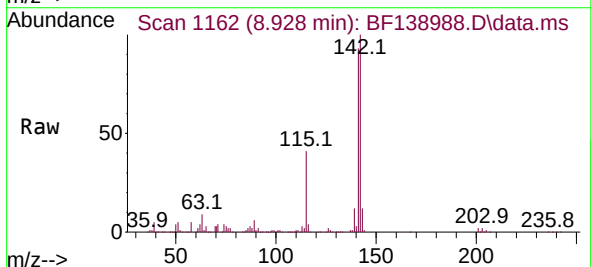
APPROVED

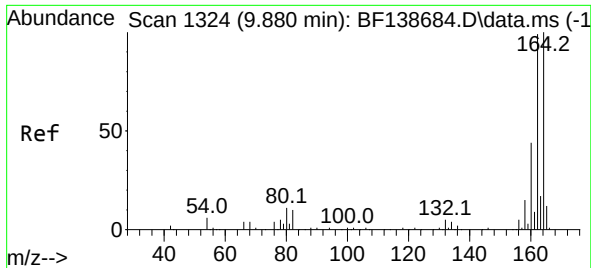
Reviewed By :Yogesh Patel 08/15/2024  
Supervised By :mohammad ahmed 08/16/2024



#38  
1-Methylnaphthalene  
Concen: 41.175 ng  
RT: 8.928 min Scan# 1162  
Delta R.T. -0.012 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Tgt Ion:142 Resp: 241962  
Ion Ratio Lower Upper  
142 100  
141 92.7 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1173

Delta R.T. -0.011 min

Lab File: BF138988.D

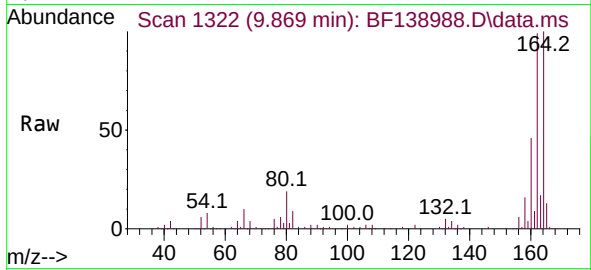
Acq: 14 Aug 2024 12:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 10075

Ion Ratio Lower Upper

164 100

162 99.3 79.4 119.0

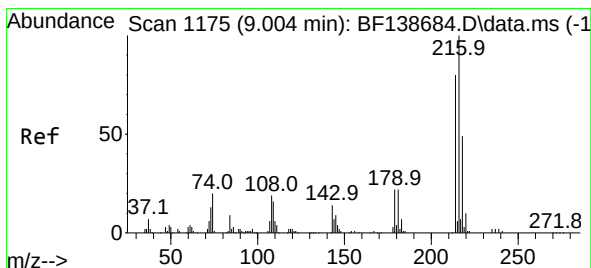
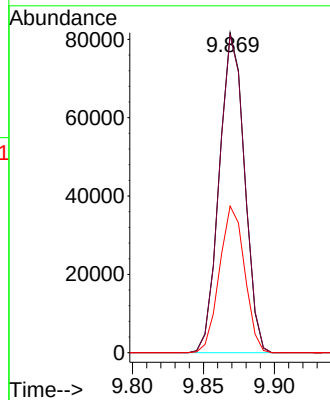
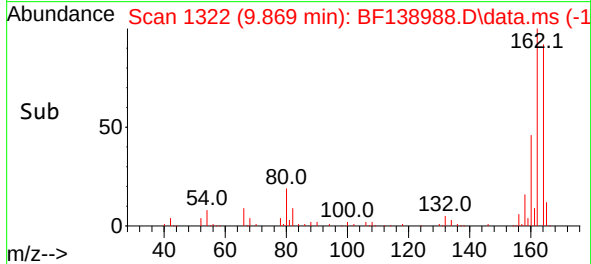
160 45.8 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/15/2024

Supervised By :mohammad ahmed 08/16/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.349 ng

RT: 8.992 min Scan# 1173

Delta R.T. -0.012 min

Lab File: BF138988.D

Acq: 14 Aug 2024 12:03

Tgt Ion:216 Resp: 112930

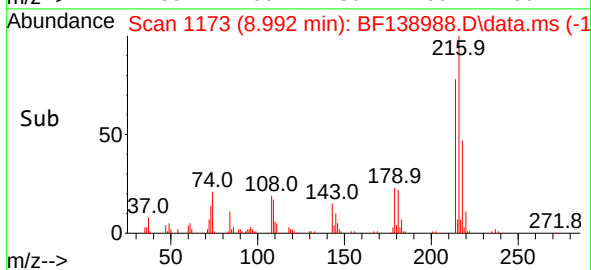
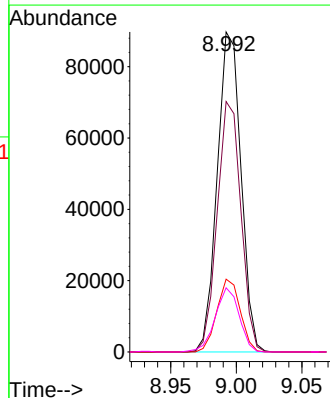
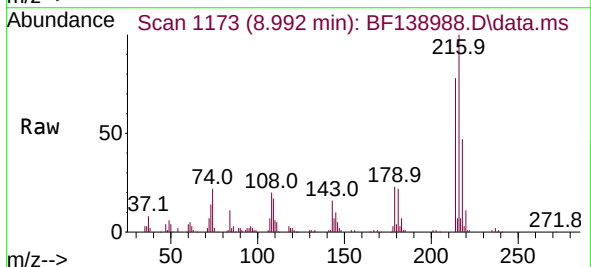
Ion Ratio Lower Upper

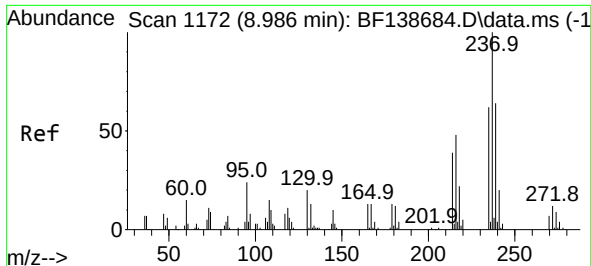
216 100

214 77.8 63.9 95.9

179 22.4 17.8 26.6

108 20.3 16.0 24.0





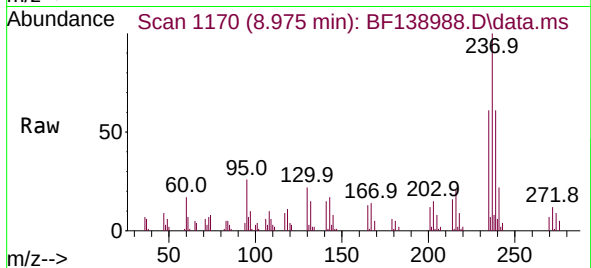
#41  
Hexachlorocyclopentadiene  
Concen: 32.674 ng  
RT: 8.975 min Scan# 1170  
Delta R.T. -0.011 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

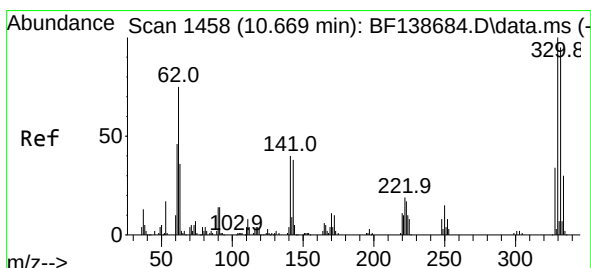
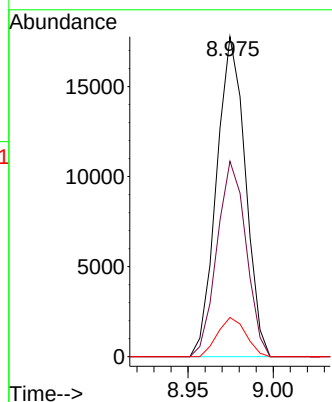
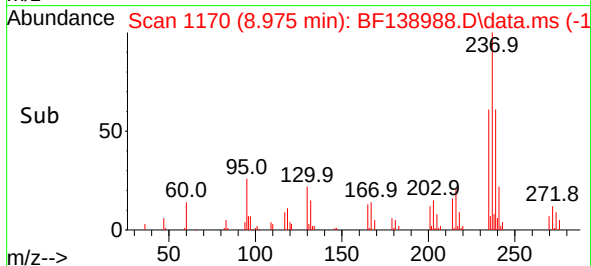


Tgt Ion:237 Resp: 2086  
Ion Ratio Lower Upper  
237 100  
235 61.1 41.8 81.8  
272 12.2 0.0 32.2

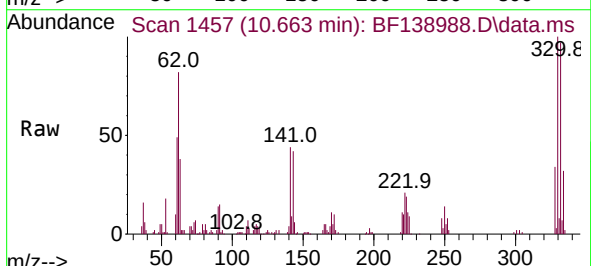
Manual Integrations

APPROVED

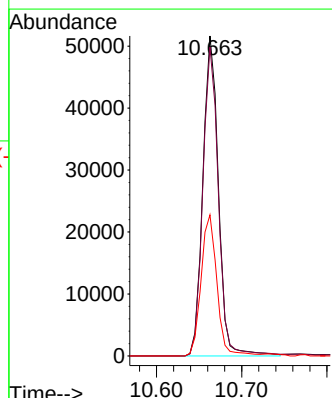
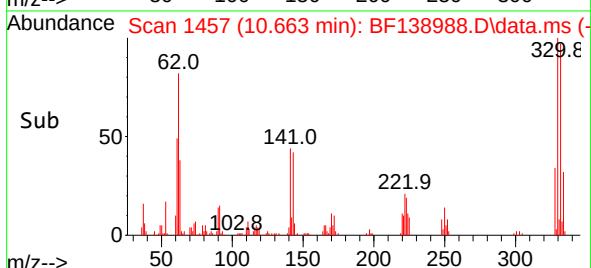
Reviewed By :Yogesh Patel 08/15/2024  
Supervised By :mohammad ahmed 08/16/2024



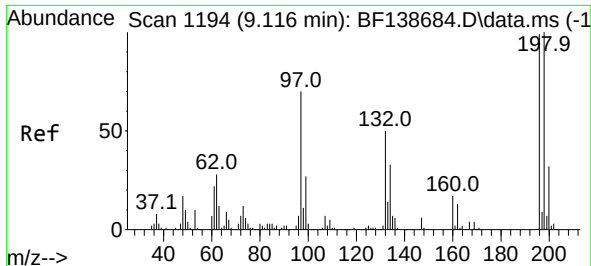
#42  
2,4,6-Tribromophenol  
Concen: 79.472 ng  
RT: 10.663 min Scan# 1457  
Delta R.T. -0.006 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03



Tgt Ion:330 Resp: 65588  
Ion Ratio Lower Upper  
330 100  
332 96.7 76.4 114.6  
141 44.7 31.1 46.7

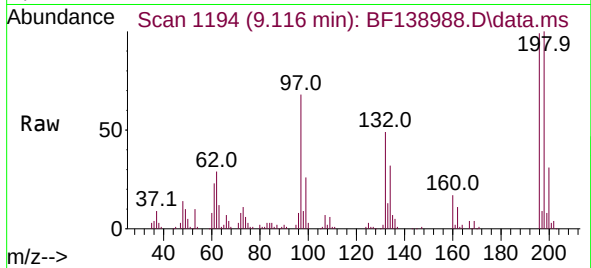






#43  
2,4,6-Trichlorophenol  
Concen: 39.096 ng  
RT: 9.116 min Scan# 1194  
Delta R.T. -0.000 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

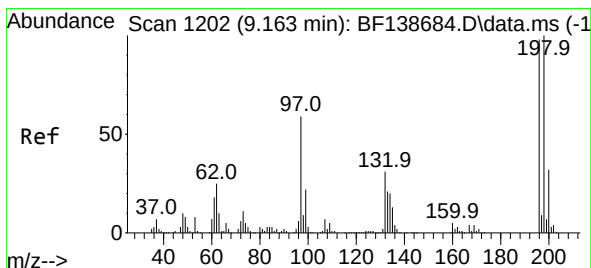
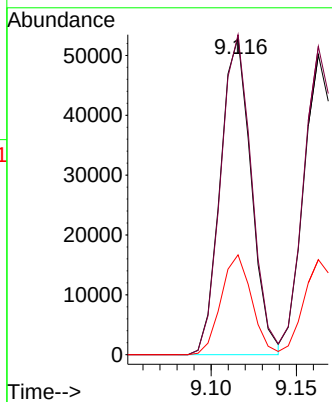
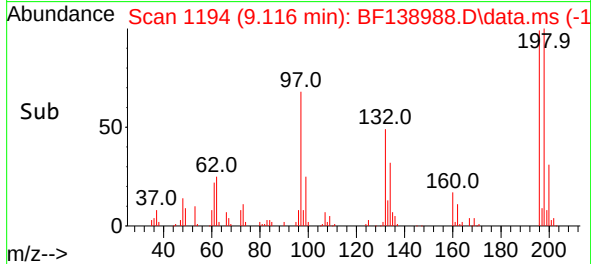
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:196 Resp: 66710  
Ion Ratio Lower Upper  
196 100  
198 100.9 80.5 120.7  
200 31.5 25.9 38.9

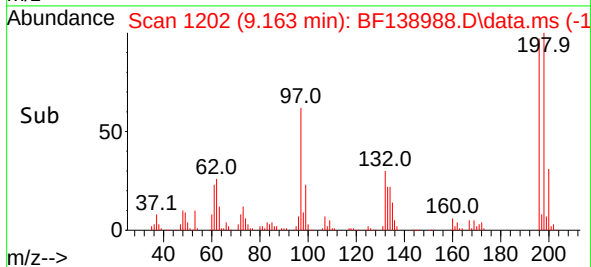
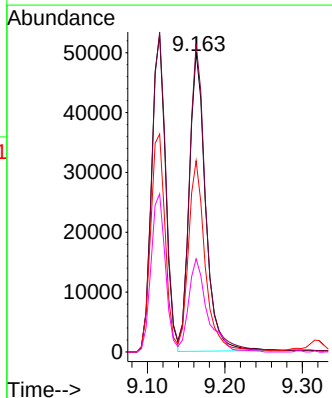
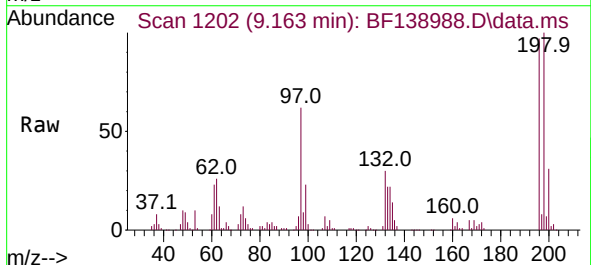
Manual Integrations  
APPROVED

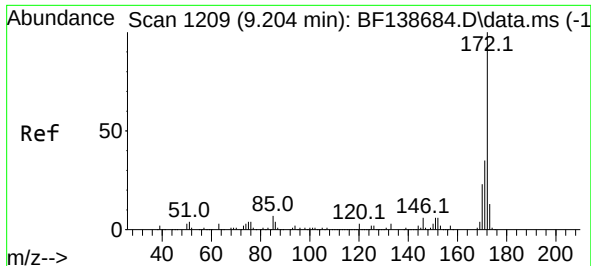
Reviewed By :Yogesh Patel 08/15/2024  
Supervised By :mohammad ahmed 08/16/2024



#44  
2,4,5-Trichlorophenol  
Concen: 38.990 ng  
RT: 9.163 min Scan# 1202  
Delta R.T. -0.000 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Tgt Ion:196 Resp: 72737  
Ion Ratio Lower Upper  
196 100  
198 102.8 81.2 121.8  
97 63.7 47.8 71.6  
132 31.1 25.3 37.9





#45  
2-Fluorobiphenyl  
Concen: 82.676 ng  
RT: 9.192 min Scan# 1207  
Delta R.T. -0.012 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Instrument :

BNA\_F

ClientSampleId :

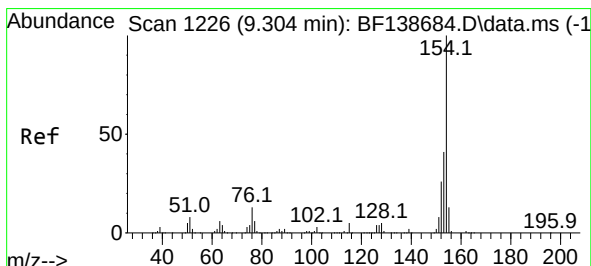
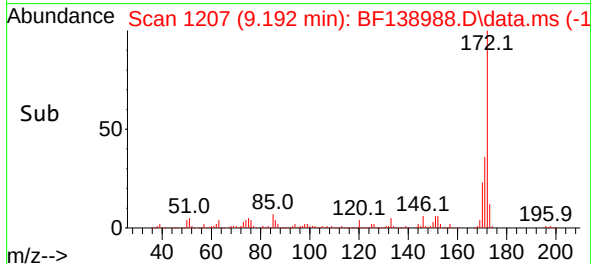
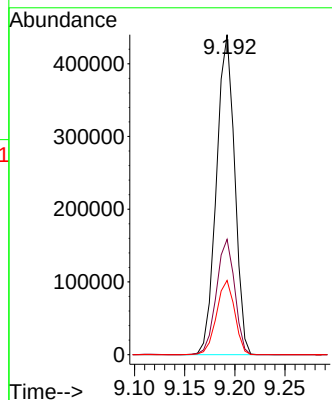
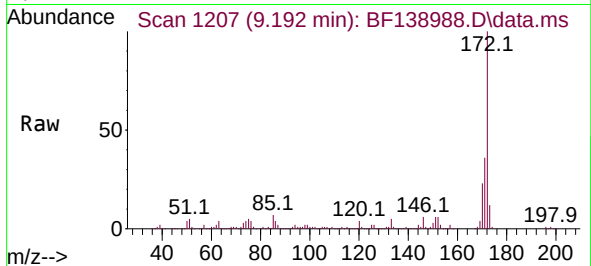
SSTDCCC040

Tgt Ion:172 Resp: 554400  
Ion Ratio Lower Upper  
172 100  
171 36.0 28.3 42.5  
170 23.2 18.8 28.2

Manual Integrations

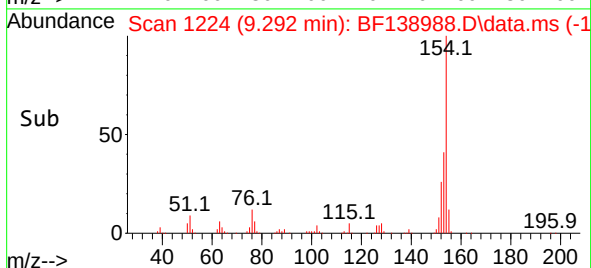
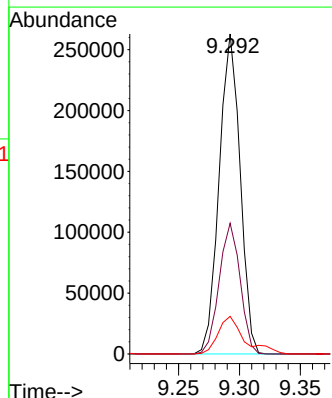
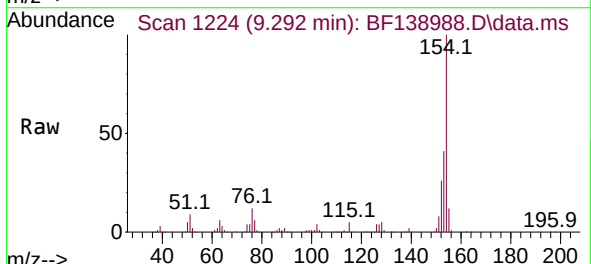
APPROVED

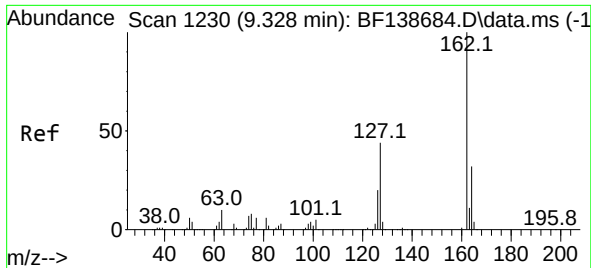
Reviewed By :Yogesh Patel 08/15/2024  
Supervised By :mohammad ahmed 08/16/2024



#46  
1,1'-Biphenyl  
Concen: 39.920 ng  
RT: 9.292 min Scan# 1224  
Delta R.T. -0.012 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Tgt Ion:154 Resp: 314999  
Ion Ratio Lower Upper  
154 100  
153 40.9 20.8 60.8  
76 11.8 0.0 32.8





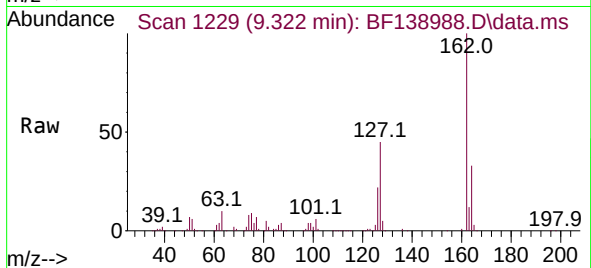
#47  
2-Chloronaphthalene  
Concen: 39.241 ng  
RT: 9.322 min Scan# 1229  
Delta R.T. -0.006 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



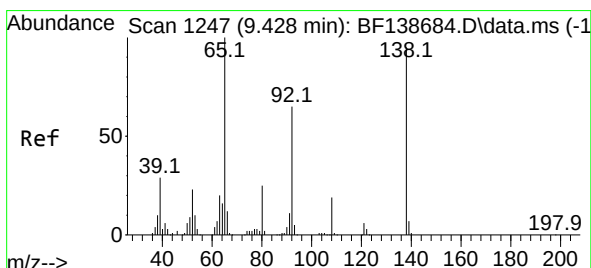
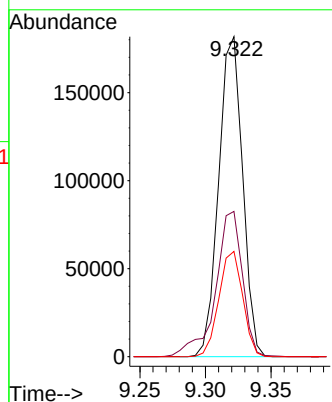
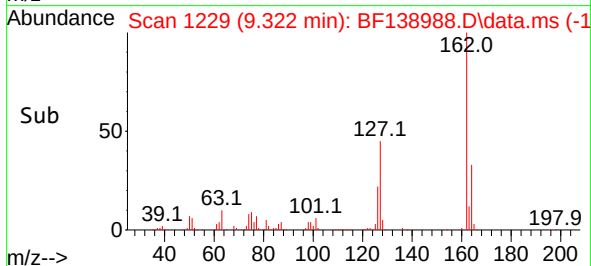
Tgt Ion:162 Resp: 23029  
Ion Ratio Lower Upper  
162 100  
127 45.4 35.4 53.2  
164 32.9 25.6 38.4

Manual Integrations

APPROVED

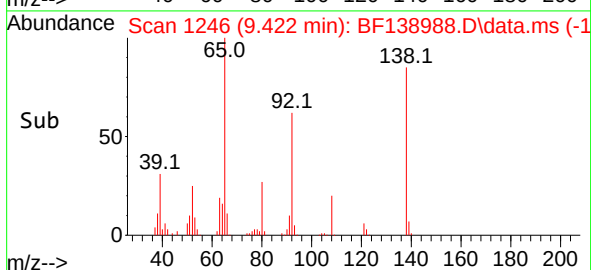
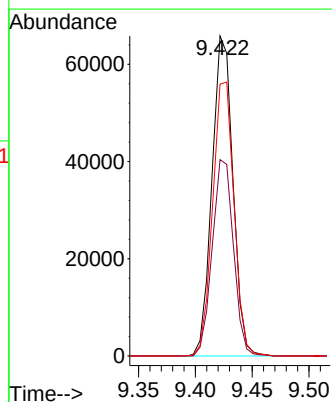
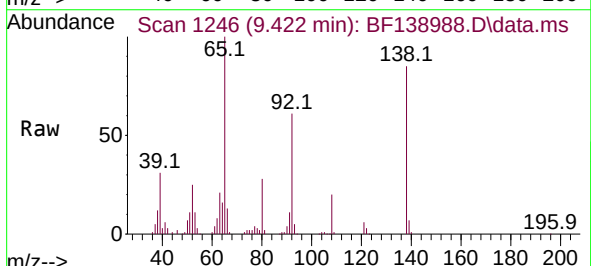
Reviewed By :Yogesh Patel 08/15/2024

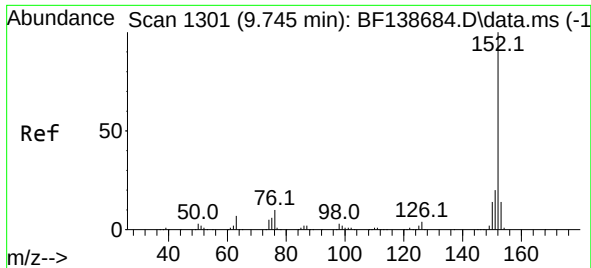
Supervised By :mohammad ahmed 08/16/2024



#48  
2-Nitroaniline  
Concen: 42.361 ng  
RT: 9.422 min Scan# 1246  
Delta R.T. -0.006 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Tgt Ion: 65 Resp: 84279  
Ion Ratio Lower Upper  
65 100  
92 61.3 52.0 78.0  
138 84.9 76.2 114.4





#49  
Acenaphthylene  
Concen: 39.371 ng  
RT: 9.733 min Scan# 1299  
Delta R.T. -0.012 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Instrument :

BNA\_F

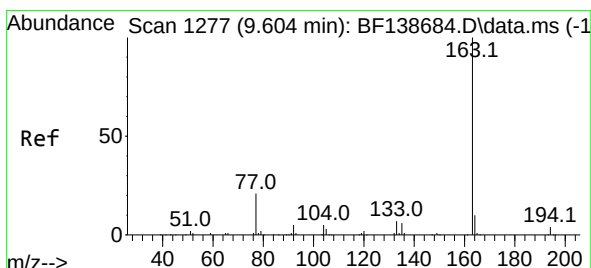
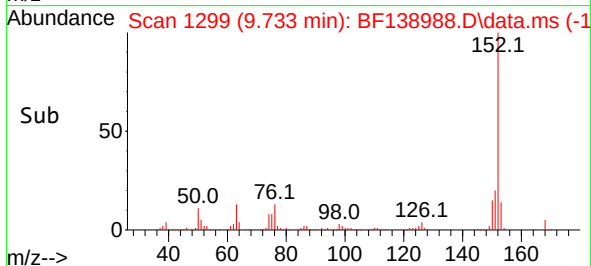
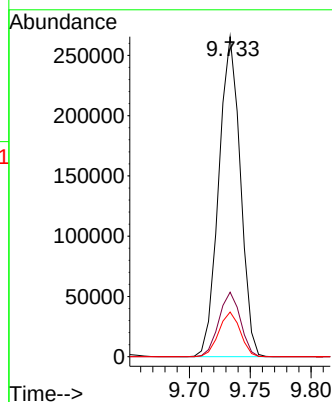
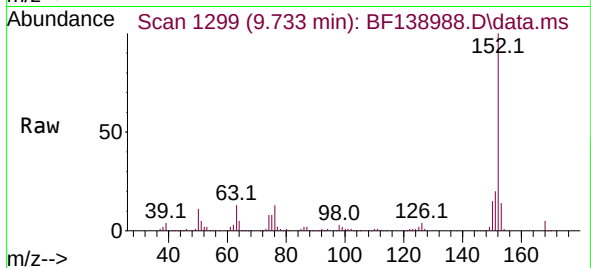
ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 32770  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.0 24.0  
153 14.0 11.0 16.4

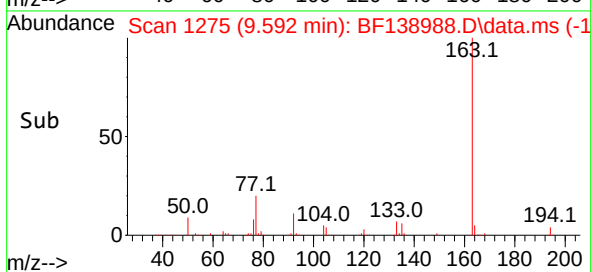
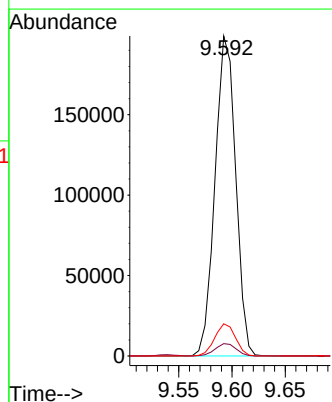
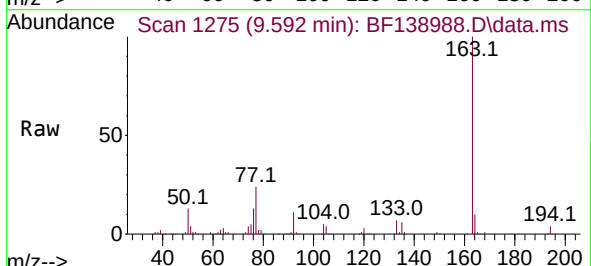
Manual Integrations  
APPROVED

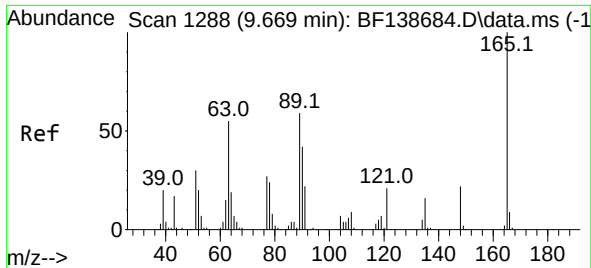
Reviewed By :Yogesh Patel 08/15/2024  
Supervised By :mohammad ahmed 08/16/2024



#50  
Dimethylphthalate  
Concen: 41.594 ng  
RT: 9.592 min Scan# 1275  
Delta R.T. -0.012 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Tgt Ion:163 Resp: 267963  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.1 4.7  
164 10.1 7.8 11.8





#51  
2,6-Dinitrotoluene  
Concen: 41.487 ng  
RT: 9.663 min Scan# 1287  
Delta R.T. -0.006 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Instrument :

BNA\_F

ClientSampleId :

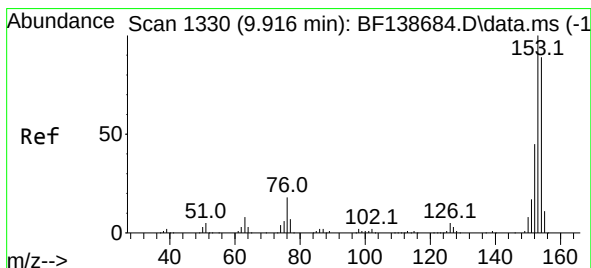
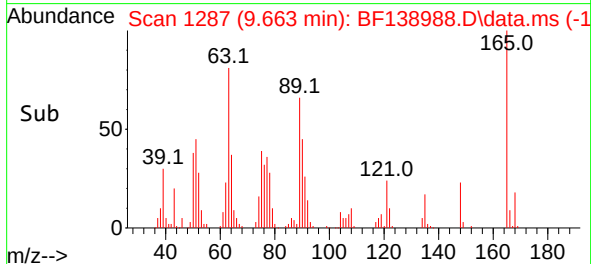
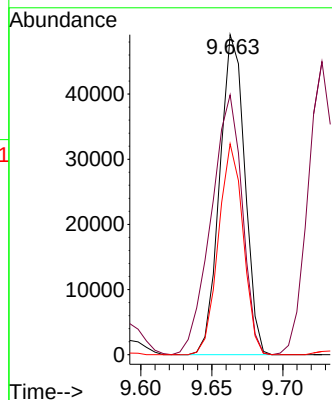
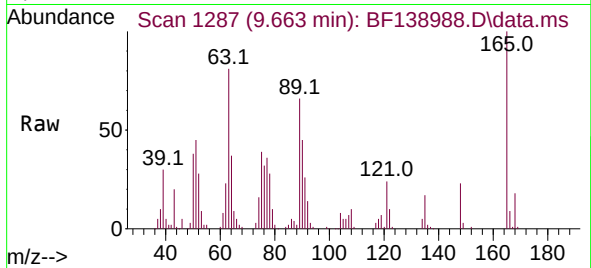
SSTDCCC040

Tgt Ion:165 Resp: 60318  
Ion Ratio Lower Upper  
165 100  
63 81.2 52.0 78.0  
89 65.9 47.0 70.6

Manual Integrations

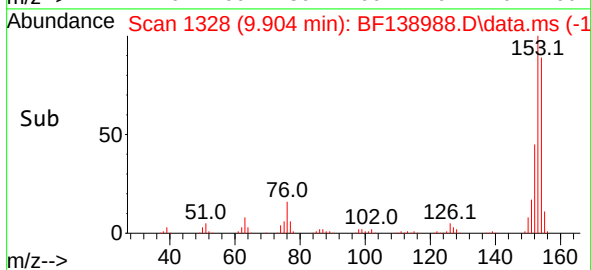
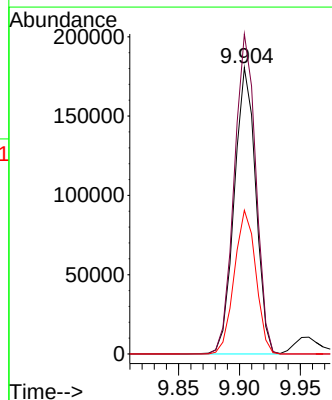
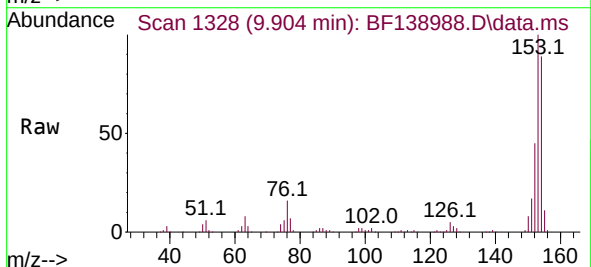
APPROVED

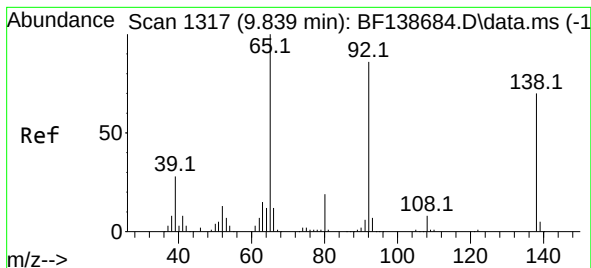
Reviewed By :Yogesh Patel 08/15/2024  
Supervised By :mohammad ahmed 08/16/2024



#52  
Acenaphthene  
Concen: 39.648 ng  
RT: 9.904 min Scan# 1328  
Delta R.T. -0.012 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Tgt Ion:154 Resp: 221840  
Ion Ratio Lower Upper  
154 100  
153 111.8 89.9 134.9  
152 50.2 40.6 60.8





#53

3-Nitroaniline

Concen: 38.446 ng

RT: 9.839 min Scan# 1317

Delta R.T. -0.000 min

Lab File: BF138988.D

Acq: 14 Aug 2024 12:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

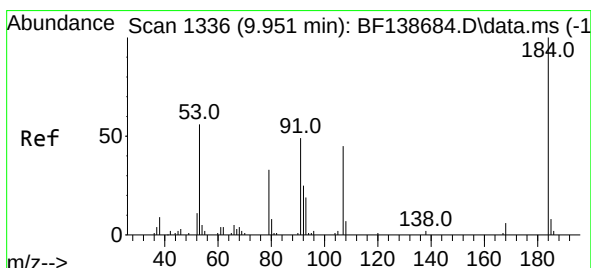
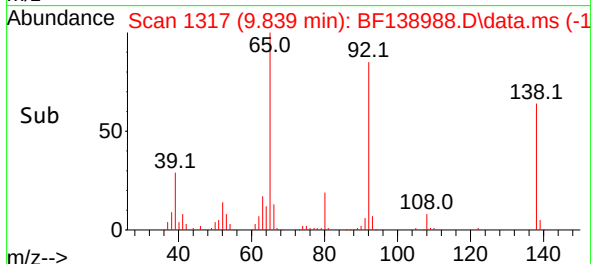
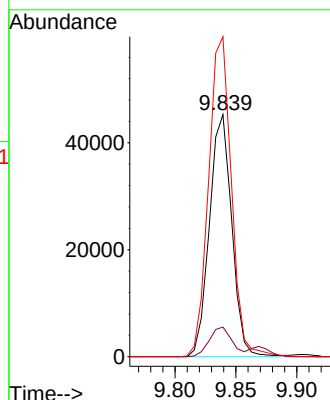
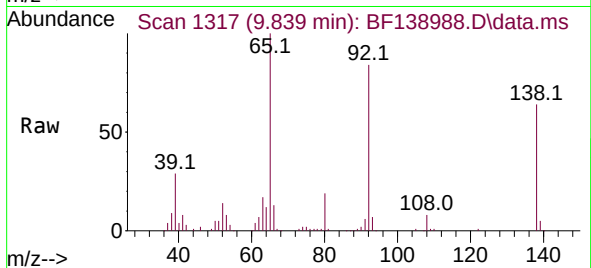
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:138 | Resp: | 5778       |
| Ion Ratio   | Lower | Upper      |
| 138         | 100   |            |
| 108         | 12.2  | 9.1 13.7   |
| 92          | 132.2 | 98.7 148.1 |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/15/2024

Supervised By :mohammad ahmed 08/16/2024



#54

2,4-Dinitrophenol

Concen: 36.052 ng

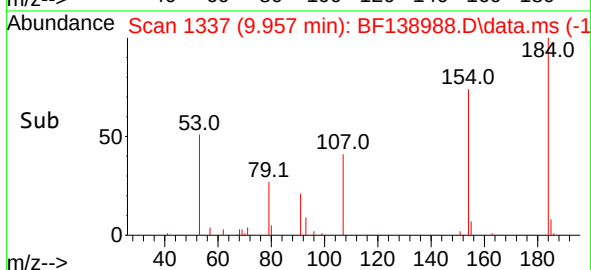
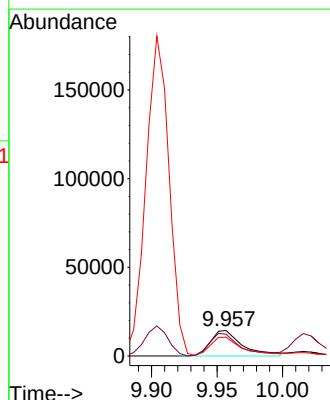
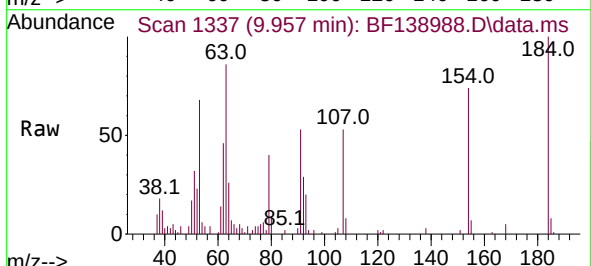
RT: 9.957 min Scan# 1337

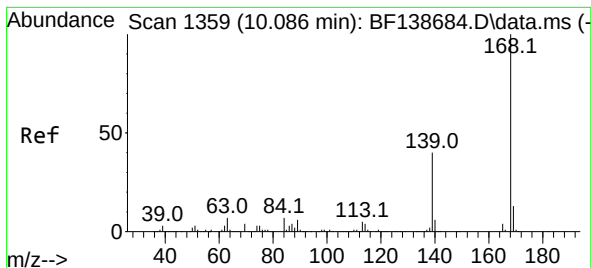
Delta R.T. 0.006 min

Lab File: BF138988.D

Acq: 14 Aug 2024 12:03

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:184 | Resp: | 24129     |
| Ion Ratio   | Lower | Upper     |
| 184         | 100   |           |
| 63          | 85.8  | 57.5 86.3 |
| 154         | 73.9  | 51.7 77.5 |





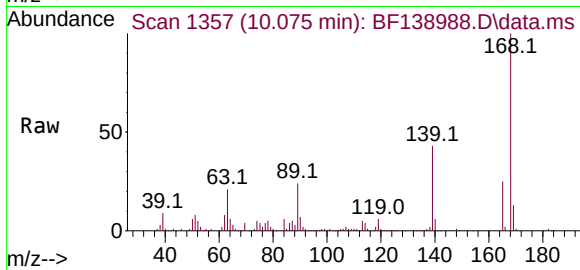
#55  
Dibenzofuran  
Concen: 40.425 ng  
RT: 10.075 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

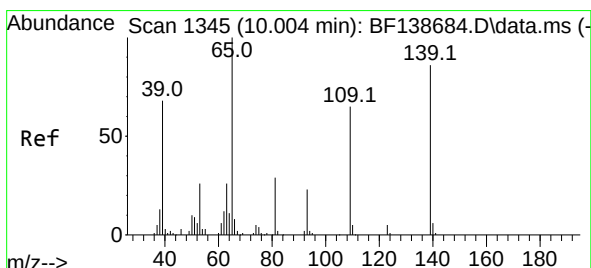
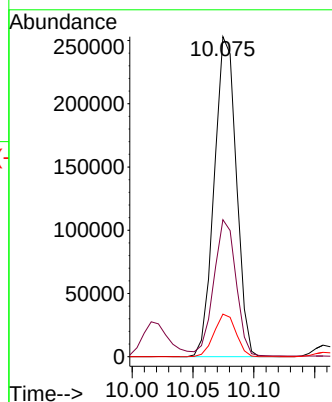
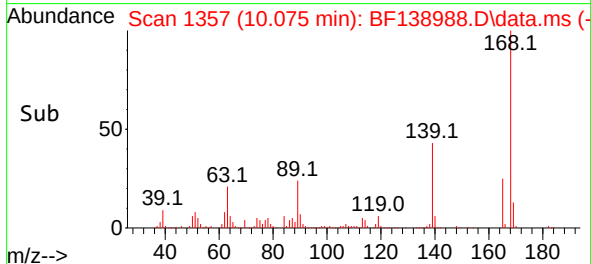


Tgt Ion:168 Resp: 31928  
Ion Ratio Lower Upper  
168 100  
139 42.8 32.6 49.0  
169 13.3 10.7 16.1

Manual Integrations

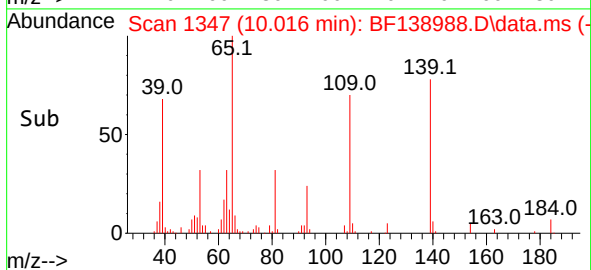
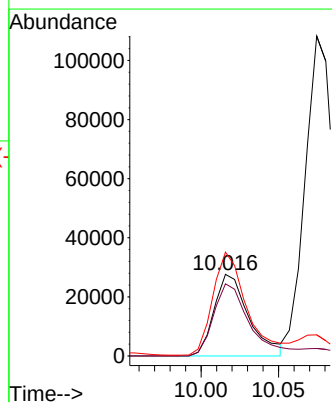
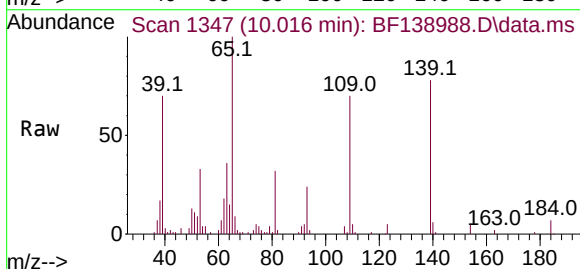
APPROVED

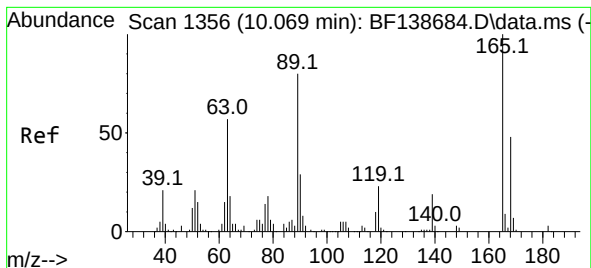
Reviewed By :Yogesh Patel 08/15/2024  
Supervised By :mohammad ahmed 08/16/2024



#56  
4-Nitrophenol  
Concen: 47.672 ng  
RT: 10.016 min Scan# 1347  
Delta R.T. 0.012 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Tgt Ion:139 Resp: 43088  
Ion Ratio Lower Upper  
139 100  
109 88.6 55.5 95.5  
65 127.4 96.7 136.7





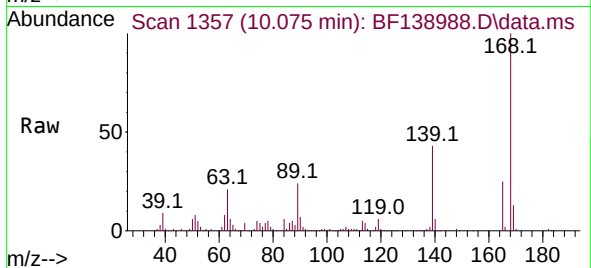
#57  
2,4-Dinitrotoluene  
Concen: 42.640 ng  
RT: 10.075 min Scan# 1356  
Delta R.T. 0.006 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



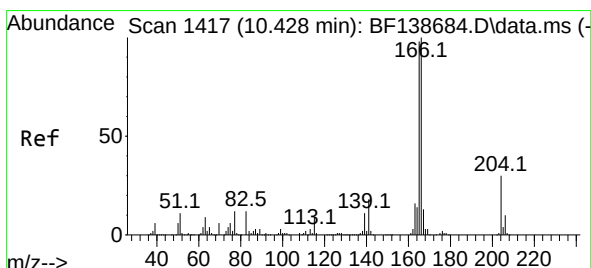
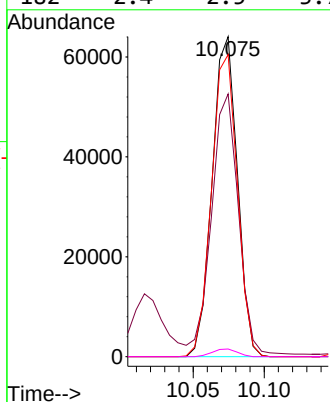
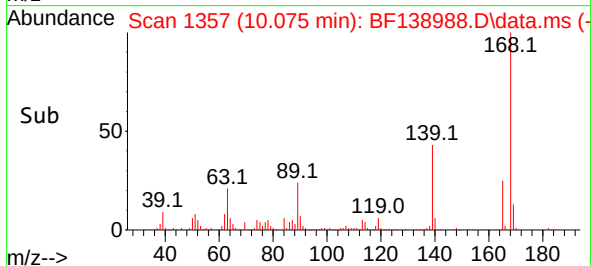
Tgt Ion:165 Resp: 7909  
Ion Ratio Lower Upper  
165 100  
63 82.1 46.3 69.5  
89 94.4 64.2 96.4  
182 2.4 2.5 3.7#

Manual Integrations

APPROVED

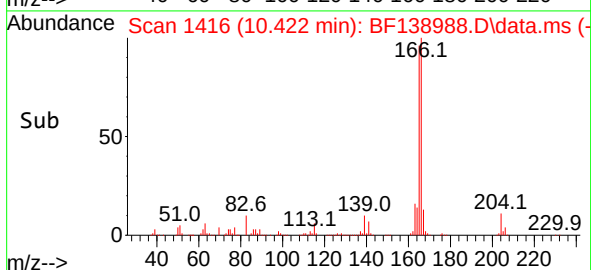
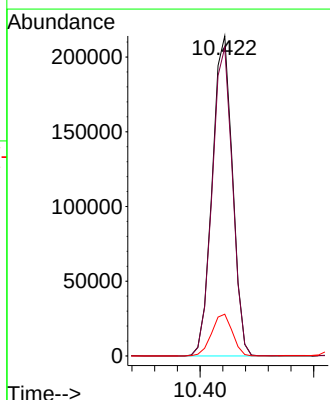
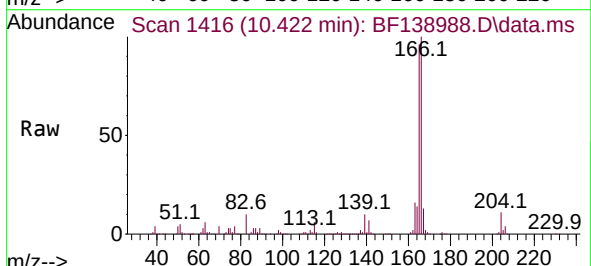
Reviewed By :Yogesh Patel 08/15/2024

Supervised By :mohammad ahmed 08/16/2024

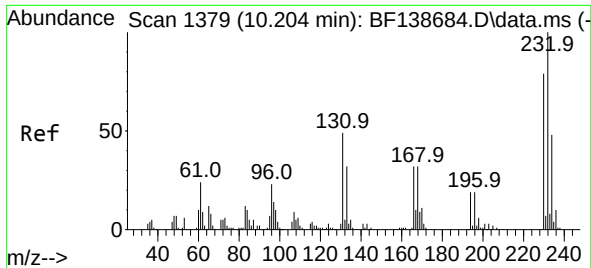


#58  
Fluorene  
Concen: 42.082 ng  
RT: 10.422 min Scan# 1416  
Delta R.T. -0.006 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Tgt Ion:166 Resp: 264679  
Ion Ratio Lower Upper  
166 100  
165 96.4 78.4 117.6  
167 13.1 10.6 16.0

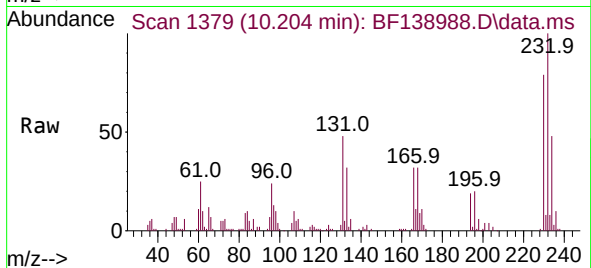






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 38.824 ng  
RT: 10.204 min Scan# 1379  
Delta R.T. -0.000 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

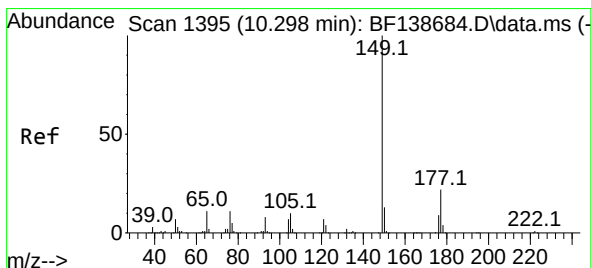
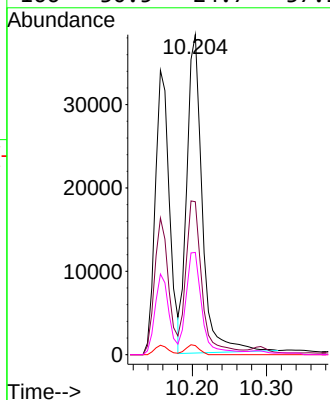
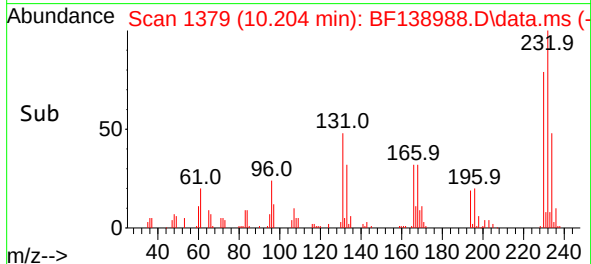
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



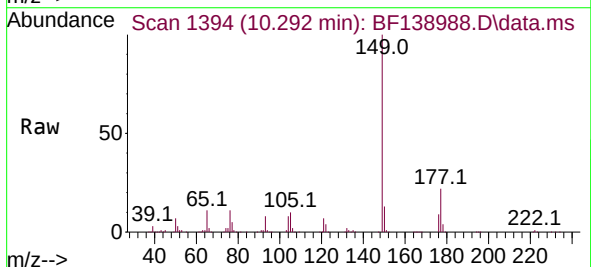
Tgt Ion:232 Resp: 5537  
Ion Ratio Lower Upper  
232 100  
131 50.0 37.0 55.4  
130 2.8 2.0 3.0  
166 30.5 24.7 37.1

Manual Integrations  
APPROVED

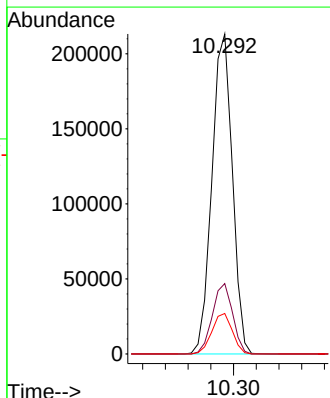
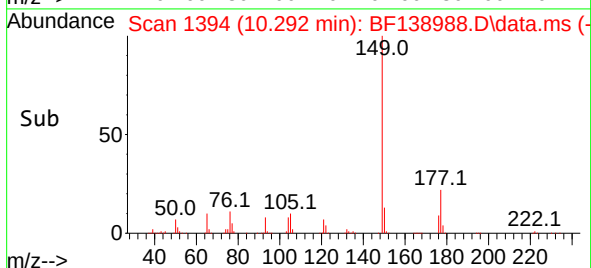
Reviewed By :Yogesh Patel 08/15/2024  
Supervised By :mohammad ahmed 08/16/2024

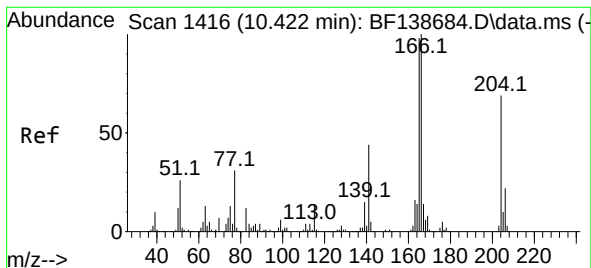


#60  
Diethylphthalate  
Concen: 43.665 ng  
RT: 10.292 min Scan# 1394  
Delta R.T. -0.006 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03



Tgt Ion:149 Resp: 266725  
Ion Ratio Lower Upper  
149 100  
177 22.0 17.8 26.8  
150 12.6 10.1 15.1





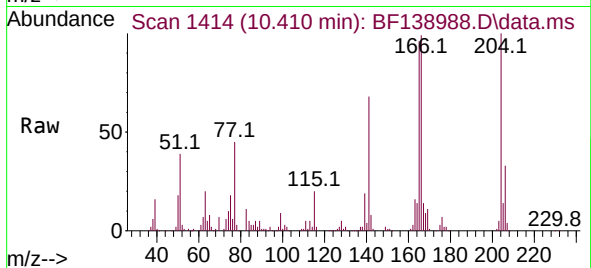
#61  
4-Chlorophenyl-phenylether  
Concen: 41.474 ng  
RT: 10.410 min Scan# 1416  
Delta R.T. -0.012 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



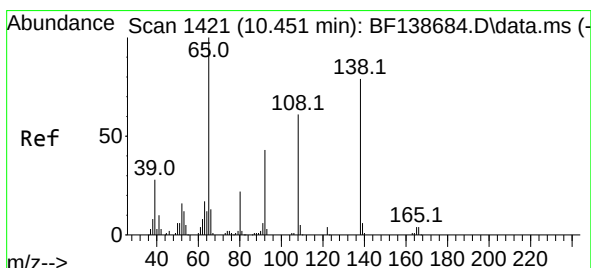
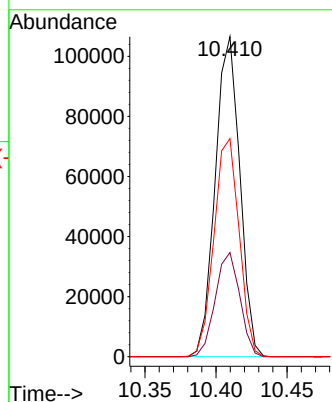
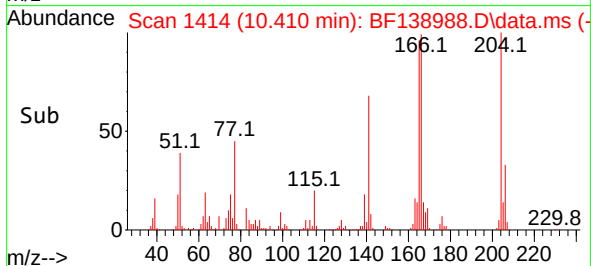
Tgt Ion:204 Resp: 128294  
Ion Ratio Lower Upper  
204 100  
206 32.5 26.1 39.1  
141 68.2 51.4 77.0

Manual Integrations

APPROVED

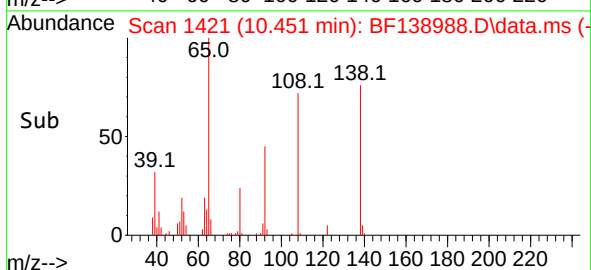
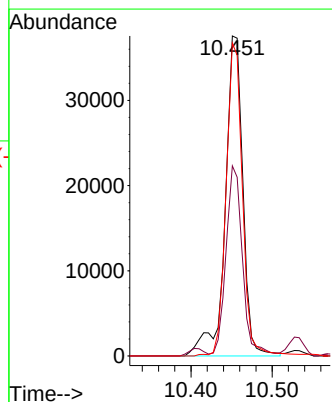
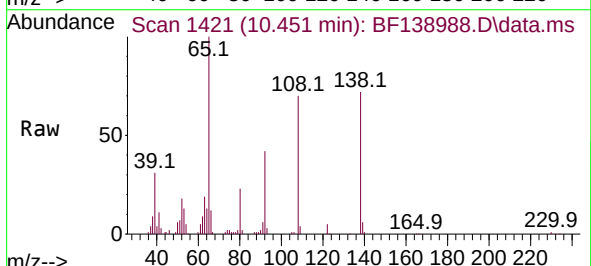
Reviewed By :Yogesh Patel 08/15/2024

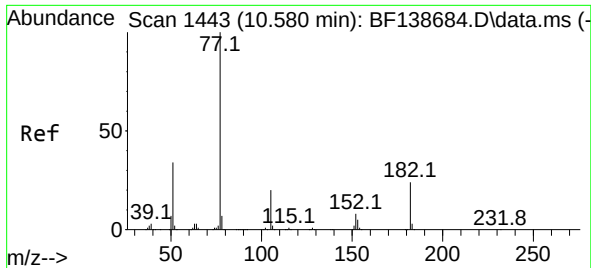
Supervised By :mohammad ahmed 08/16/2024



#62  
4-Nitroaniline  
Concen: 39.940 ng  
RT: 10.451 min Scan# 1421  
Delta R.T. -0.000 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Tgt Ion:138 Resp: 57048  
Ion Ratio Lower Upper  
138 100  
92 59.4 34.2 74.2  
108 97.8 56.2 96.2#





#63  
Azobenzene  
Concen: 40.516 ng  
RT: 10.569 min Scan# 1443  
Delta R.T. -0.012 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Instrument :

BNA\_F

ClientSampleId :

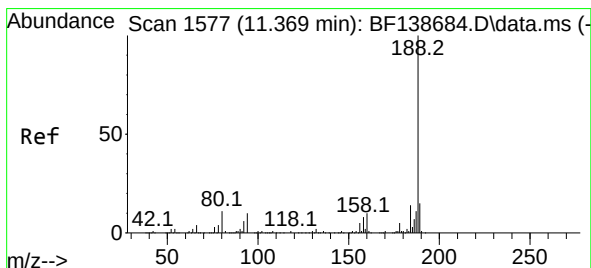
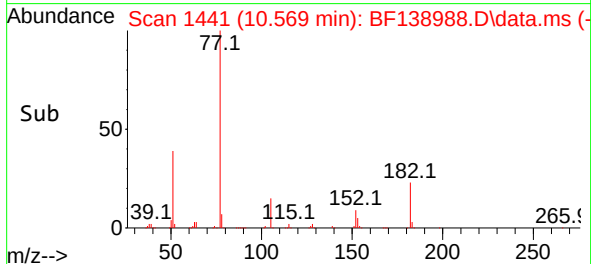
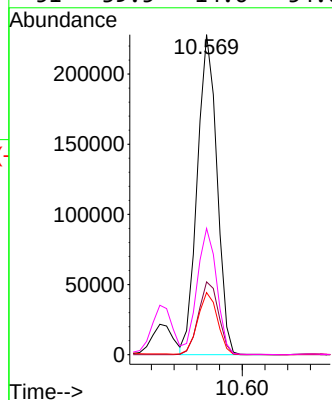
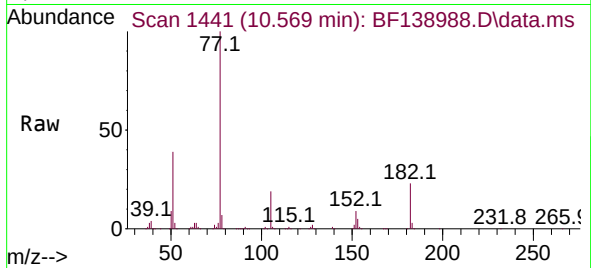
SSTDCCC040

Tgt Ion: 77 Resp: 274490  
Ion Ratio Lower Upper  
77 100  
182 22.7 3.4 43.4  
105 19.4 0.2 40.2  
51 39.5 14.6 54.6

Manual Integrations

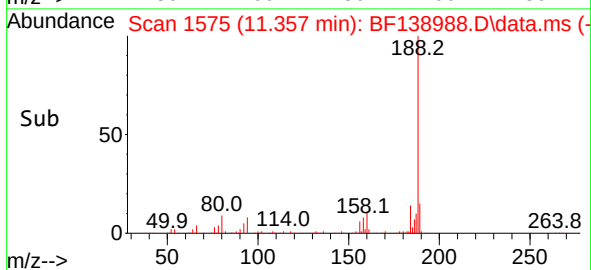
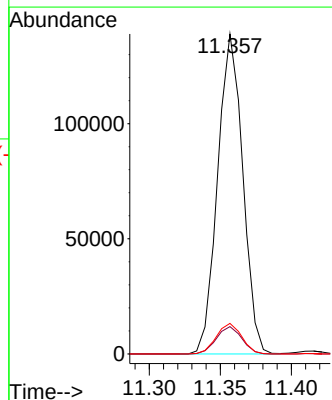
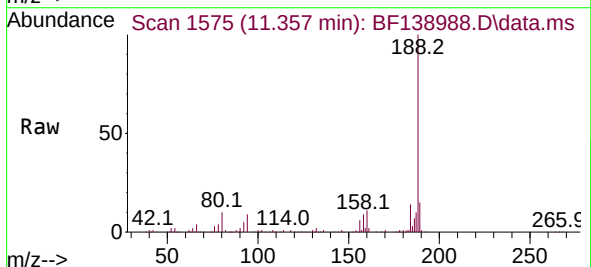
APPROVED

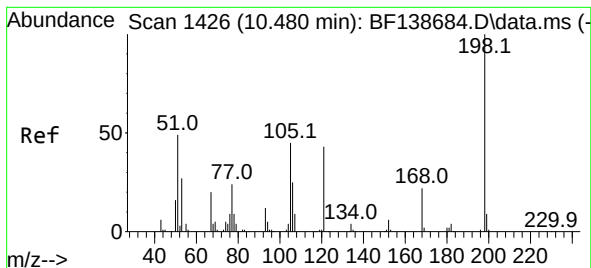
Reviewed By :Yogesh Patel 08/15/2024  
Supervised By :mohammad ahmed 08/16/2024



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.357 min Scan# 1575  
Delta R.T. -0.012 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Tgt Ion:188 Resp: 170882  
Ion Ratio Lower Upper  
188 100  
94 8.5 7.6 11.4  
80 9.6 8.6 12.8





#65  
4,6-Dinitro-2-methylphenol  
Concen: 36.964 ng  
RT: 10.486 min Scan# 1426  
Delta R.T. 0.006 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Instrument :

BNA\_F

ClientSampleId :

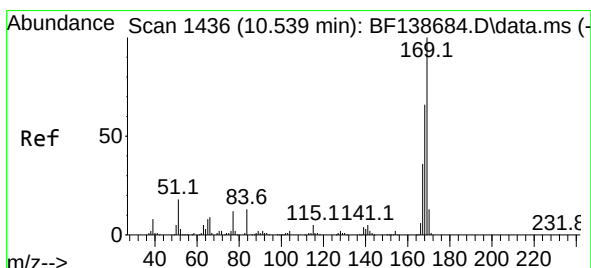
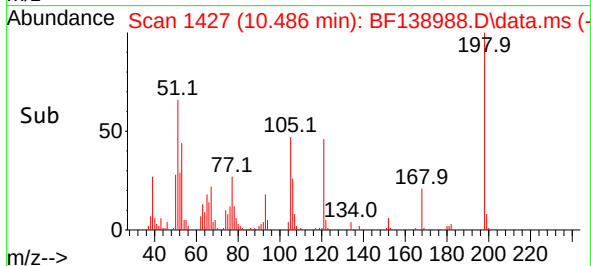
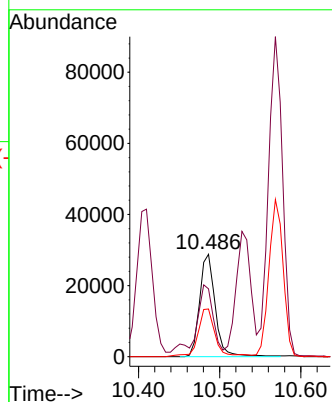
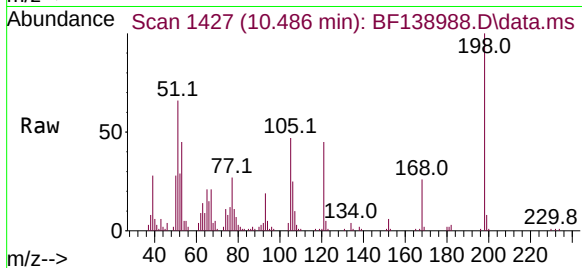
SSTDCCC040

Tgt Ion:198 Resp: 38530  
Ion Ratio Lower Upper  
198 100  
51 66.3 39.9 79.9  
105 46.5 26.1 66.1

Manual Integrations

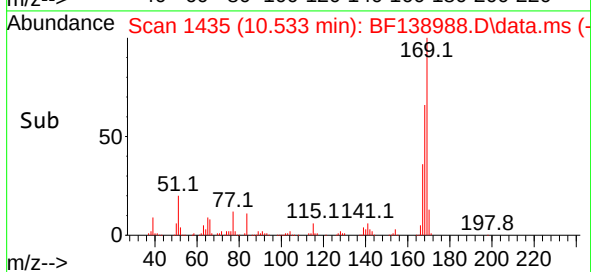
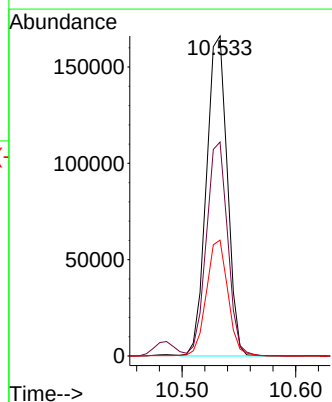
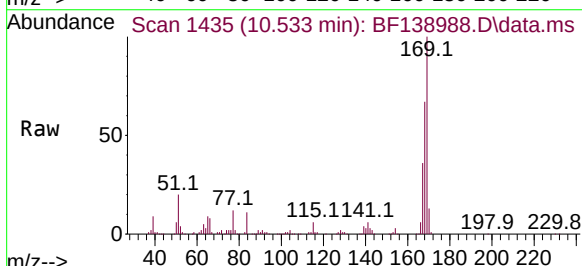
APPROVED

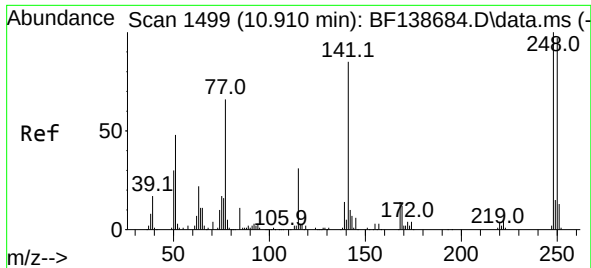
Reviewed By :Yogesh Patel 08/15/2024  
Supervised By :mohammad ahmed 08/16/2024



#66  
n-Nitrosodiphenylamine  
Concen: 39.795 ng  
RT: 10.533 min Scan# 1435  
Delta R.T. -0.006 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

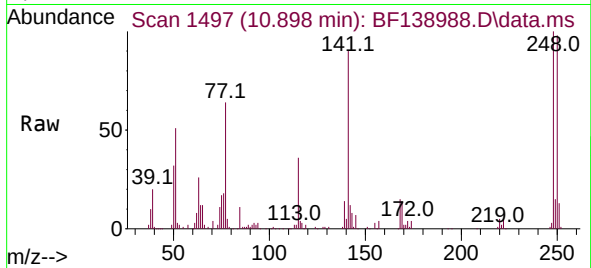
Tgt Ion:169 Resp: 212563  
Ion Ratio Lower Upper  
169 100  
168 66.8 53.0 79.6  
167 36.2 29.0 43.6





#67  
4-Bromophenyl-phenylether  
Concen: 39.102 ng  
RT: 10.898 min Scan# 1499  
Delta R.T. -0.012 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

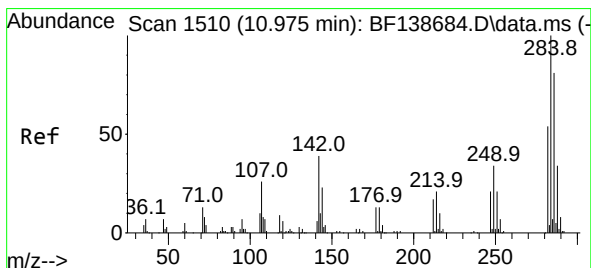
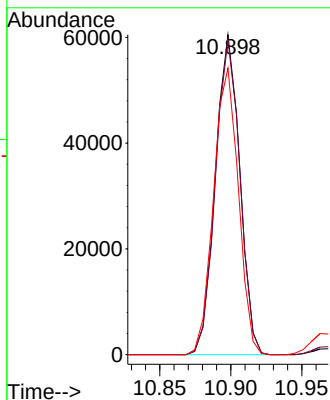
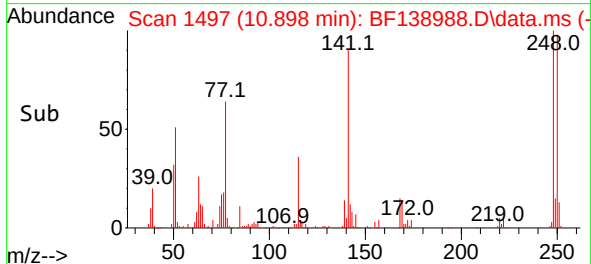
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:248 Resp: 72344  
Ion Ratio Lower Upper  
248 100  
250 98.3 77.7 116.5  
141 89.6 68.0 102.0

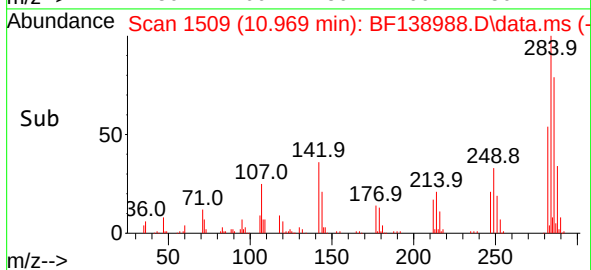
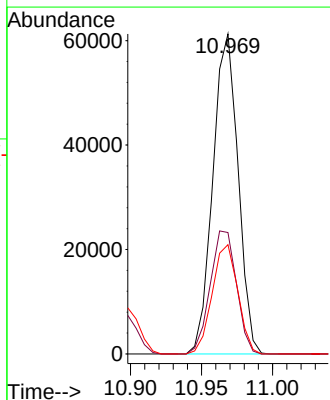
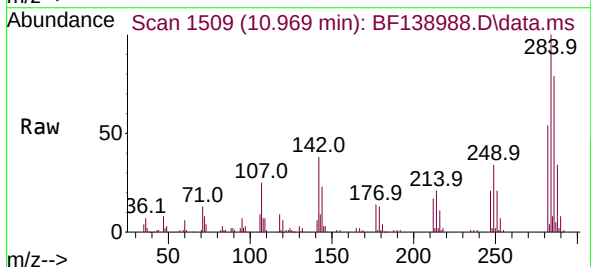
Manual Integrations  
APPROVED

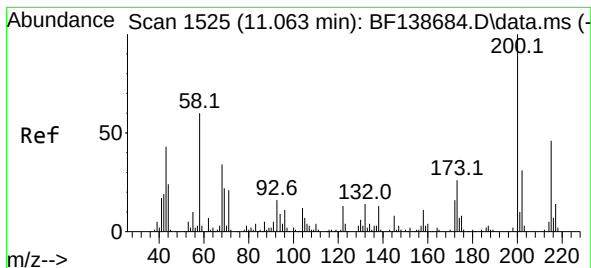
Reviewed By :Yogesh Patel 08/15/2024  
Supervised By :mohammad ahmed 08/16/2024



#68  
Hexachlorobenzene  
Concen: 39.584 ng  
RT: 10.969 min Scan# 1509  
Delta R.T. -0.006 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Tgt Ion:284 Resp: 75615  
Ion Ratio Lower Upper  
284 100  
142 38.0 31.3 46.9  
249 34.2 27.2 40.8





#69

Atrazine

Concen: 37.660 ng

RT: 11.057 min Scan# 1525

Delta R.T. -0.006 min

Lab File: BF138988.D

Acq: 14 Aug 2024 12:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 5189

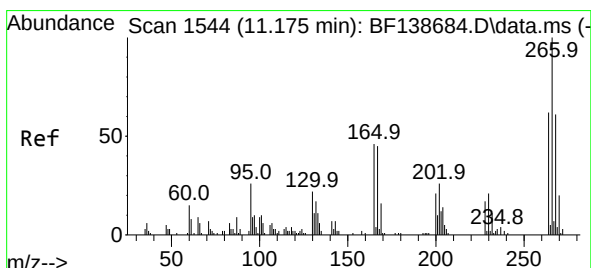
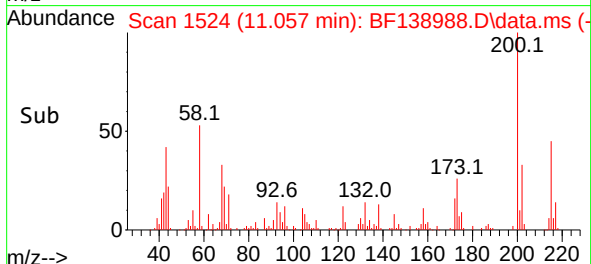
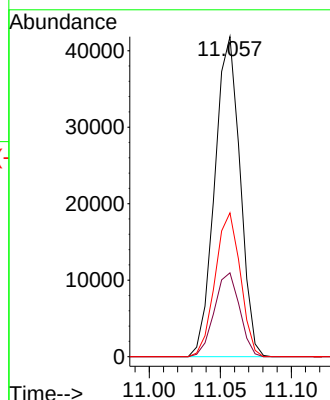
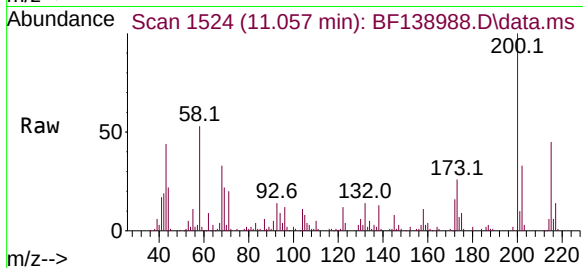
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 200 | 100   |       |       |
| 173 | 26.2  | 6.0   | 46.0  |
| 215 | 45.0  | 26.1  | 66.1  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/15/2024

Supervised By :mohammad ahmed 08/16/2024



#70

Pentachlorophenol

Concen: 37.365 ng

RT: 11.174 min Scan# 1544

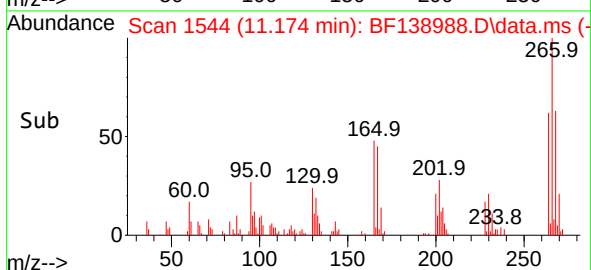
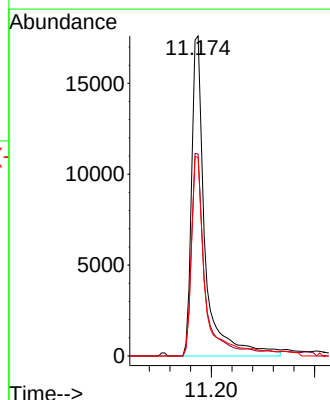
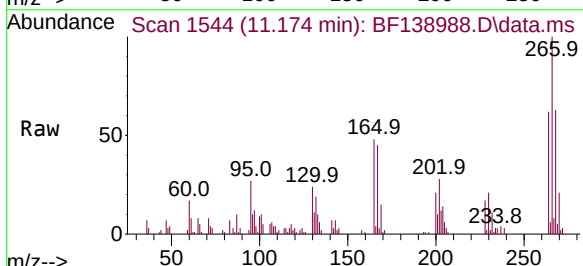
Delta R.T. -0.001 min

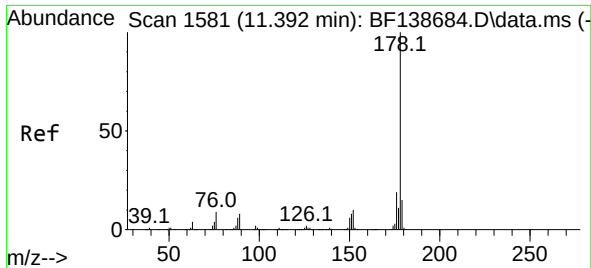
Lab File: BF138988.D

Acq: 14 Aug 2024 12:03

Tgt Ion:266 Resp: 32173

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 266 | 100   |       |       |
| 268 | 63.1  | 49.2  | 73.8  |
| 264 | 62.1  | 49.8  | 74.6  |





#71  
Phenanthrene  
Concen: 40.041 ng  
RT: 11.380 min Scan# 1581  
Delta R.T. -0.012 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Instrument :

BNA\_F

ClientSampleId :

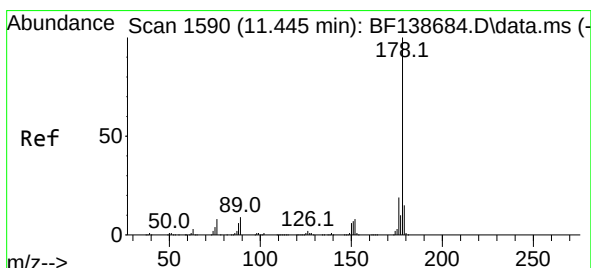
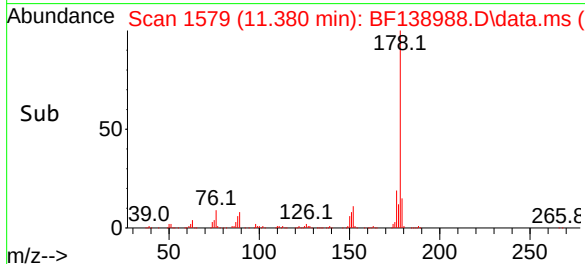
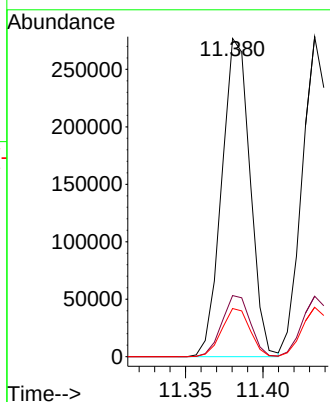
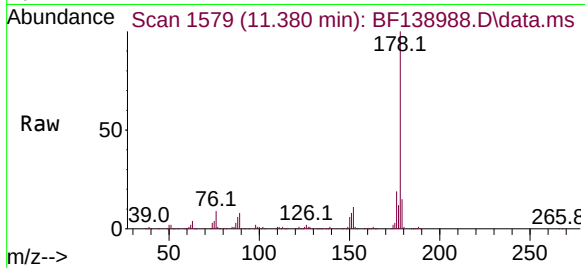
SSTDCCC040

Tgt Ion:178 Resp: 35232  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.4 23.0  
179 15.1 12.2 18.2

Manual Integrations

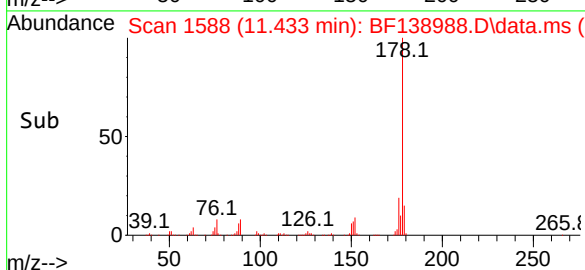
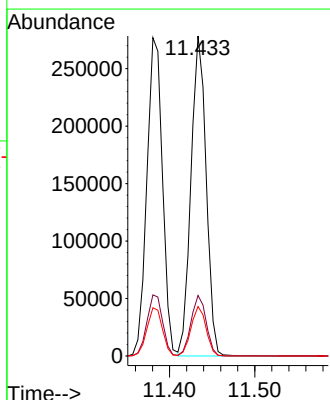
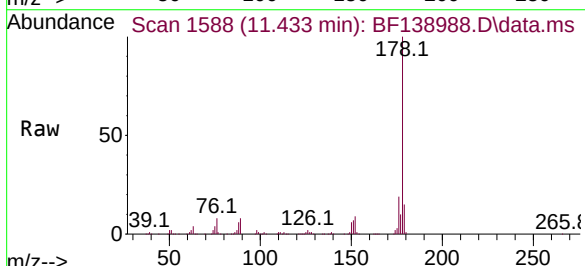
APPROVED

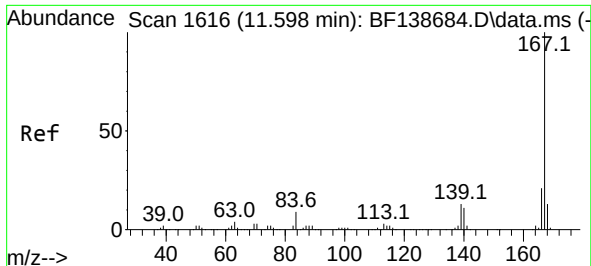
Reviewed By :Yogesh Patel 08/15/2024  
Supervised By :mohammad ahmed 08/16/2024



#72  
Anthracene  
Concen: 39.749 ng  
RT: 11.433 min Scan# 1588  
Delta R.T. -0.012 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Tgt Ion:178 Resp: 344553  
Ion Ratio Lower Upper  
178 100  
176 18.9 14.9 22.3  
179 15.4 12.4 18.6





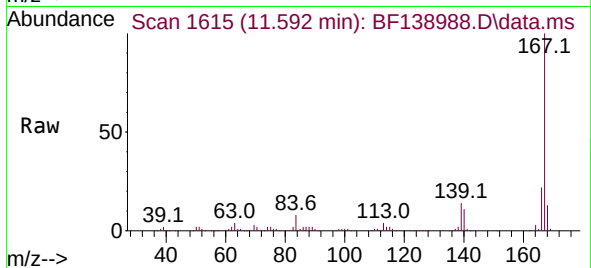
#73  
 Carbazole  
 Concen: 38.844 ng  
 RT: 11.592 min Scan# 1615  
 Delta R.T. -0.006 min  
 Lab File: BF138988.D  
 Acq: 14 Aug 2024 12:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

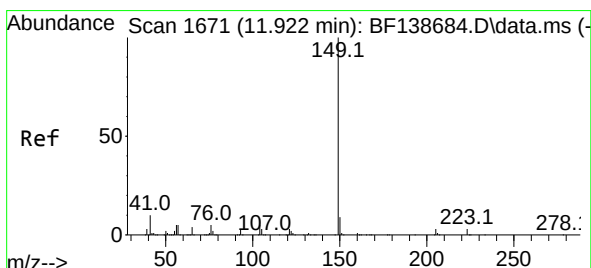
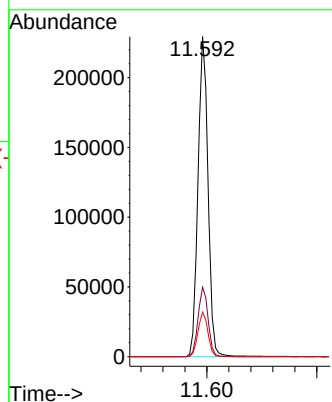
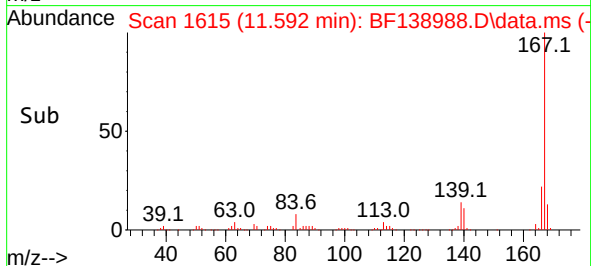


Tgt Ion:167 Resp: 290490  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.2 25.8  
 139 13.9 10.6 16.0

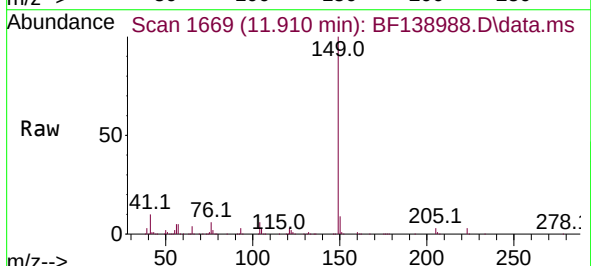
Manual Integrations

APPROVED

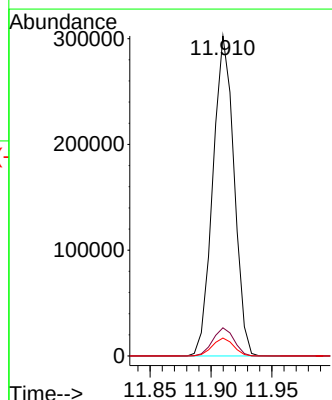
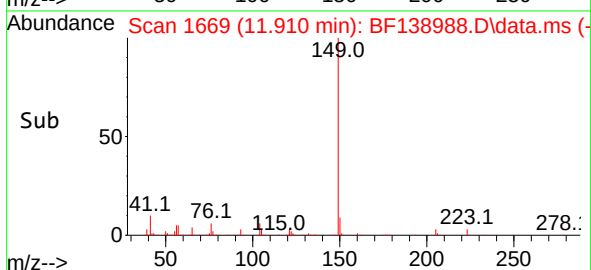
Reviewed By :Yogesh Patel 08/15/2024  
 Supervised By :mohammad ahmed 08/16/2024



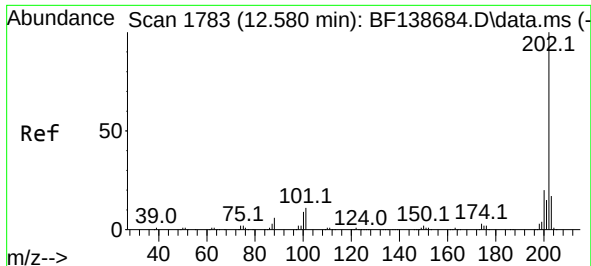
#74  
 Di-n-butylphthalate  
 Concen: 43.590 ng  
 RT: 11.910 min Scan# 1669  
 Delta R.T. -0.012 min  
 Lab File: BF138988.D  
 Acq: 14 Aug 2024 12:03



Tgt Ion:149 Resp: 366466  
 Ion Ratio Lower Upper  
 149 100  
 150 8.8 7.4 11.0  
 104 5.6 4.1 6.1







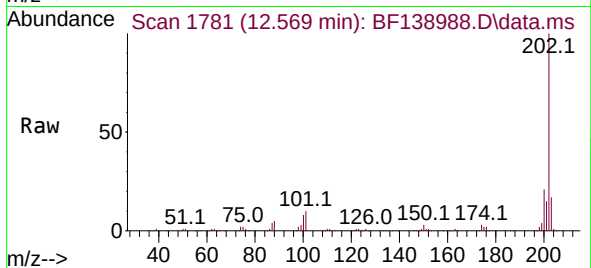
#75  
Fluoranthene  
Concen: 38.894 ng  
RT: 12.569 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



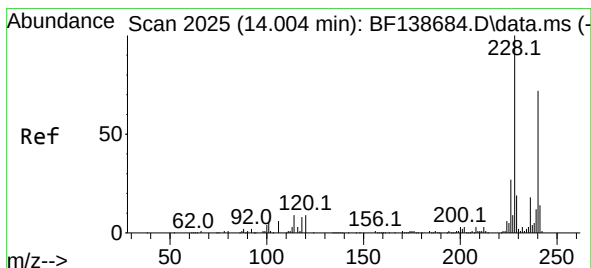
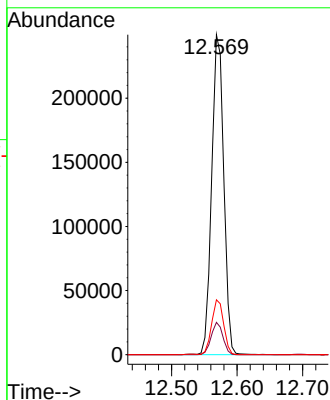
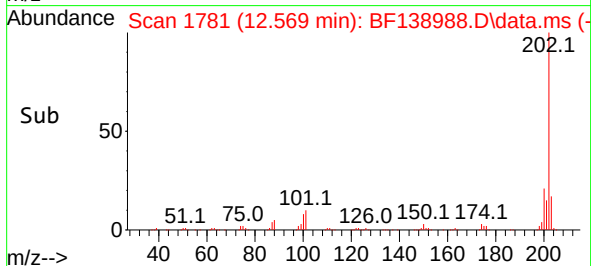
Tgt Ion:202 Resp: 319490  
Ion Ratio Lower Upper  
202 100  
101 10.1 0.0 31.2  
203 17.2 0.0 37.3

Manual Integrations

APPROVED

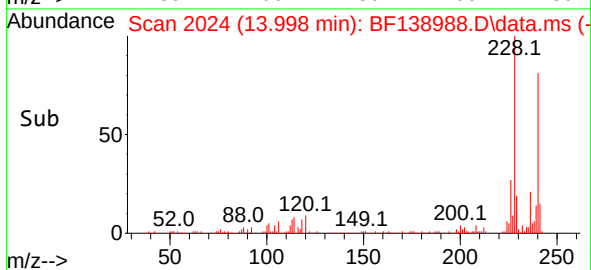
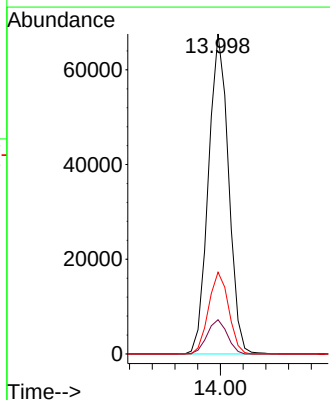
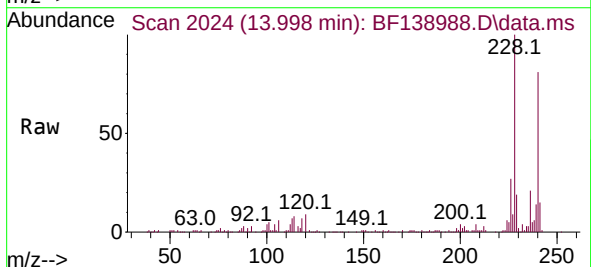
Reviewed By :Yogesh Patel 08/15/2024

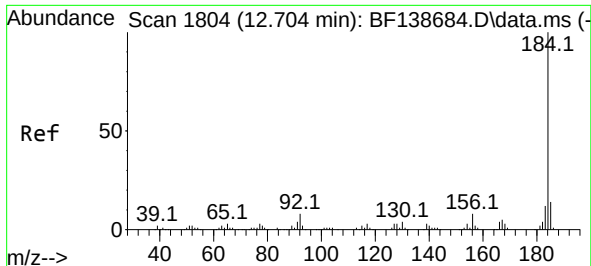
Supervised By :mohammad ahmed 08/16/2024



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.998 min Scan# 2024  
Delta R.T. -0.006 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Tgt Ion:240 Resp: 83079  
Ion Ratio Lower Upper  
240 100  
120 10.7 10.2 15.4  
236 25.6 19.8 29.8





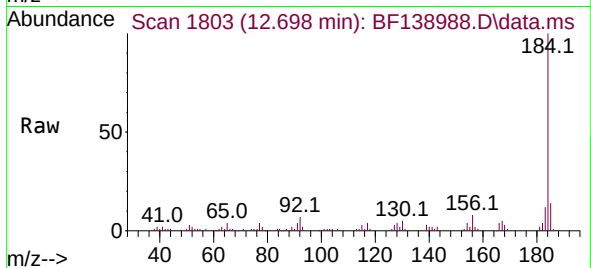
#77  
Benzidine  
Concen: 35.583 ng  
RT: 12.698 min Scan# 1803  
Delta R.T. -0.006 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



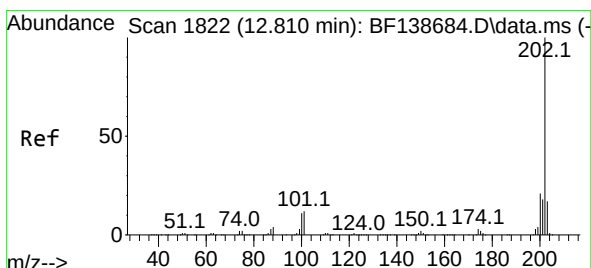
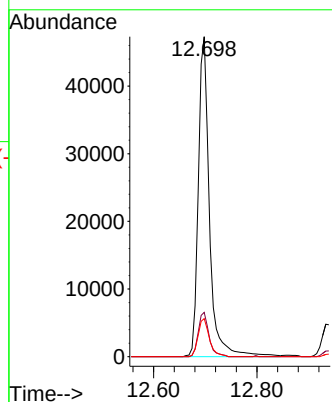
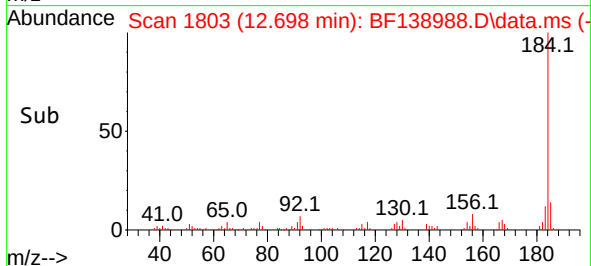
Tgt Ion:184 Resp: 70708  
Ion Ratio Lower Upper  
184 100  
185 13.9 11.1 16.7  
183 11.9 9.6 14.4

Manual Integrations

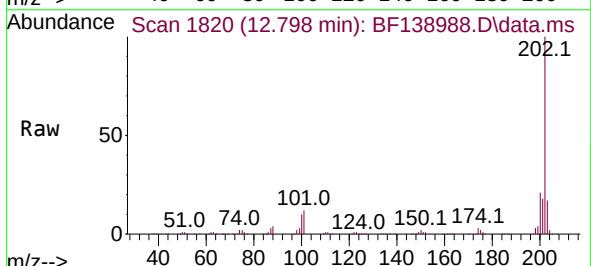
APPROVED

Reviewed By :Yogesh Patel 08/15/2024

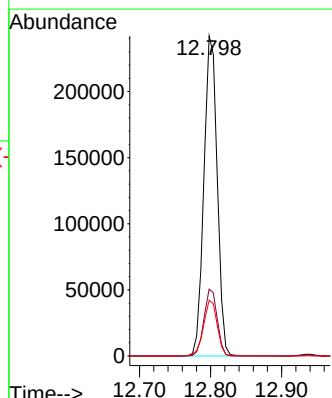
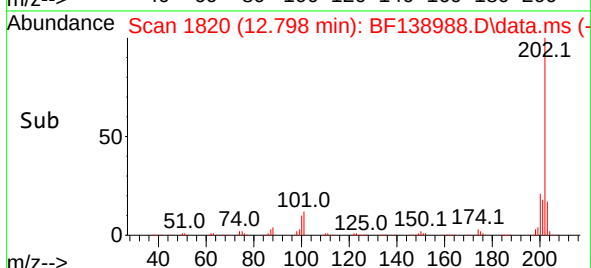
Supervised By :mohammad ahmed 08/16/2024

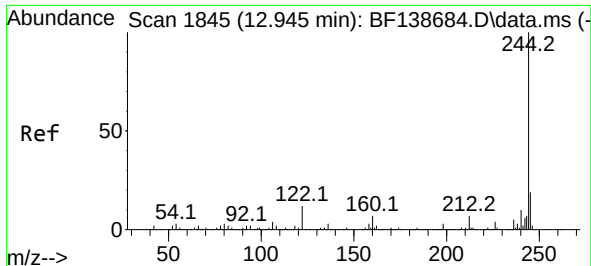


#78  
Pyrene  
Concen: 40.426 ng  
RT: 12.798 min Scan# 1820  
Delta R.T. -0.012 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03



Tgt Ion:202 Resp: 316221  
Ion Ratio Lower Upper  
202 100  
200 20.9 16.8 25.2  
203 17.4 13.8 20.6





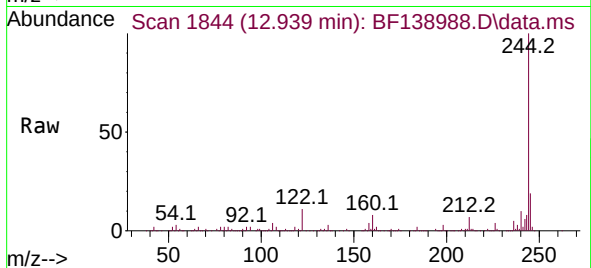
#79  
Terphenyl-d14  
Concen: 82.278 ng  
RT: 12.939 min Scan# 1844  
Delta R.T. -0.006 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



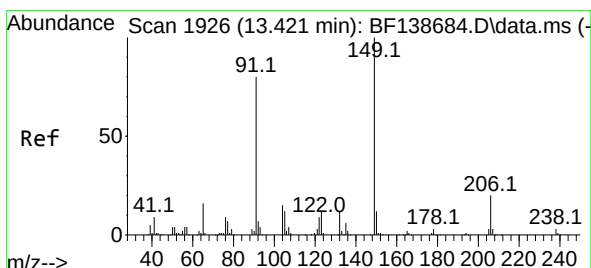
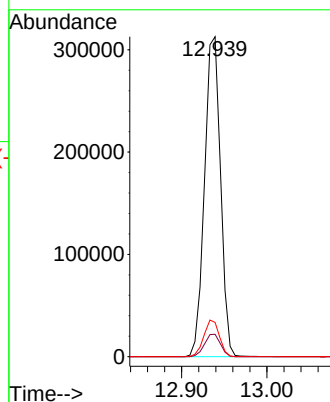
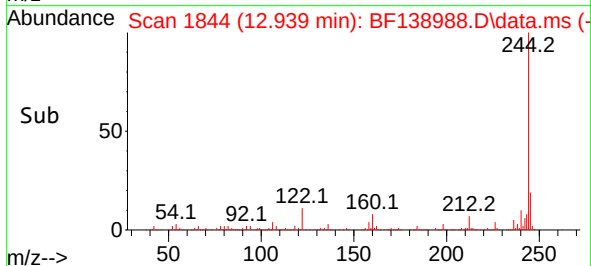
Tgt Ion:244 Resp: 40827  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.4 8.2  
122 10.7 9.6 14.4

Manual Integrations

APPROVED

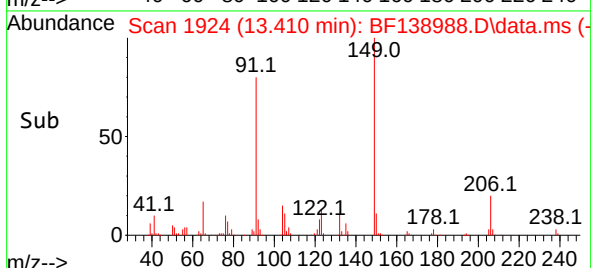
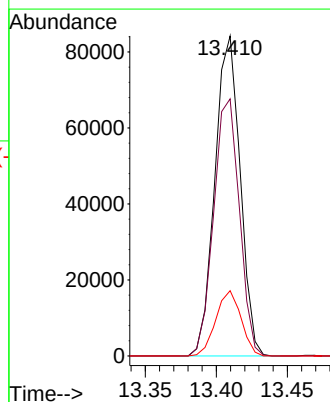
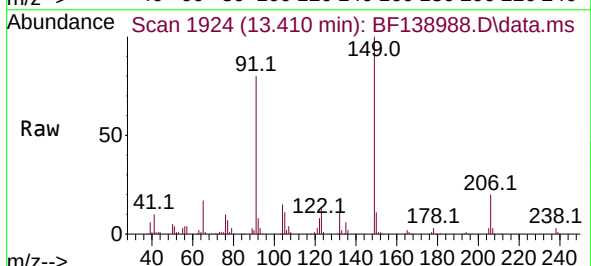
Reviewed By :Yogesh Patel 08/15/2024

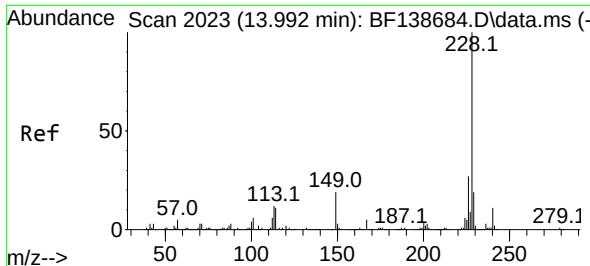
Supervised By :mohammad ahmed 08/16/2024



#80  
Butylbenzylphthalate  
Concen: 41.563 ng  
RT: 13.410 min Scan# 1924  
Delta R.T. -0.012 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Tgt Ion:149 Resp: 104111  
Ion Ratio Lower Upper  
149 100  
91 80.4 63.7 95.5  
206 20.4 16.2 24.2





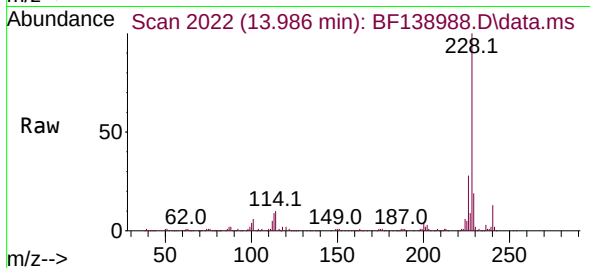
#81  
Benzo(a)anthracene  
Concen: 38.218 ng  
RT: 13.986 min Scan# 2016  
Delta R.T. -0.006 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

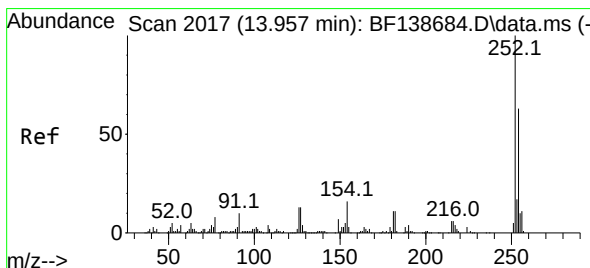
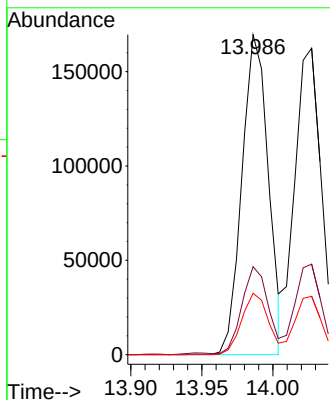
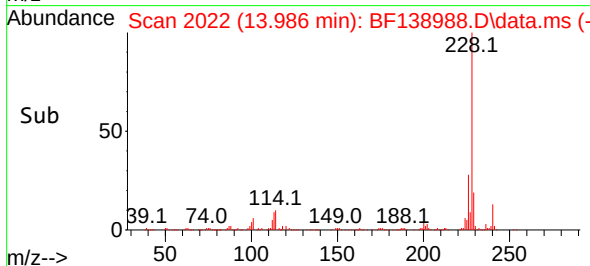


Tgt Ion:228 Resp: 218644  
Ion Ratio Lower Upper  
228 100  
226 27.5 22.1 33.1  
229 19.2 15.4 23.0

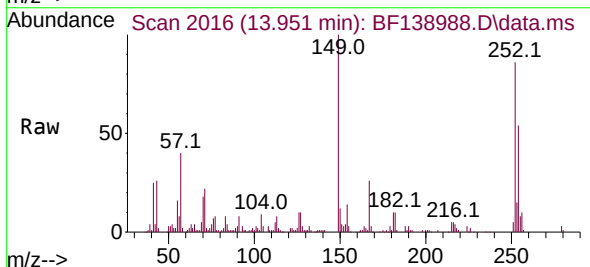
Manual Integrations

APPROVED

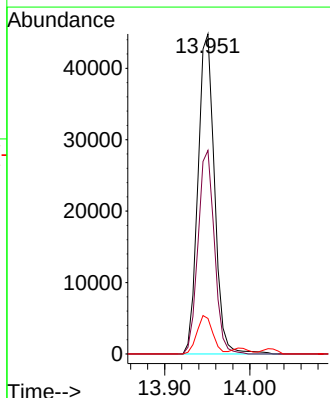
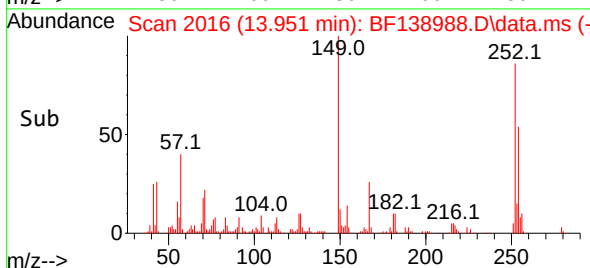
Reviewed By :Yogesh Patel 08/15/2024  
Supervised By :mohammad ahmed 08/16/2024

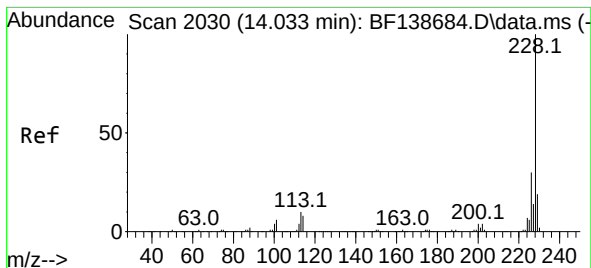


#82  
3,3'-Dichlorobenzidine  
Concen: 41.184 ng  
RT: 13.951 min Scan# 2016  
Delta R.T. -0.006 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03



Tgt Ion:252 Resp: 60294  
Ion Ratio Lower Upper  
252 100  
254 63.6 50.8 76.2  
126 11.1 10.2 15.2





#83

Chrysene

Concen: 41.069 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138988.D

Acq: 14 Aug 2024 12:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 211974

Ion Ratio Lower Upper

228 100

226 29.5 23.7 35.5

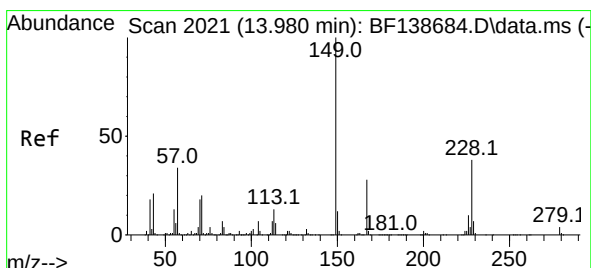
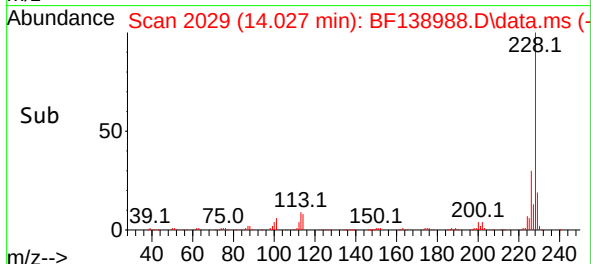
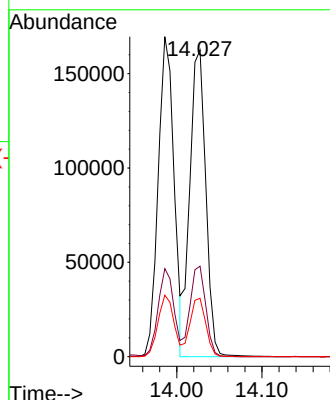
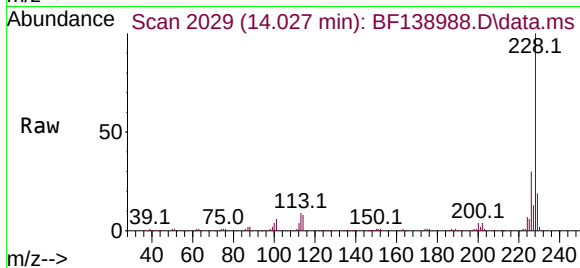
229 19.1 15.0 22.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/15/2024

Supervised By :mohammad ahmed 08/16/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.776 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF138988.D

Acq: 14 Aug 2024 12:03

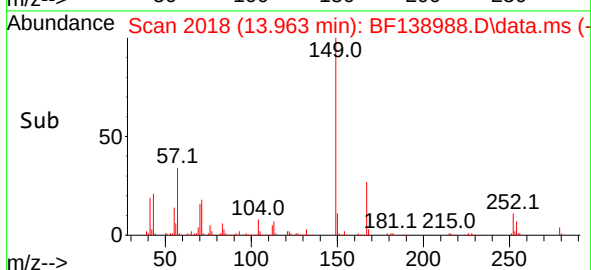
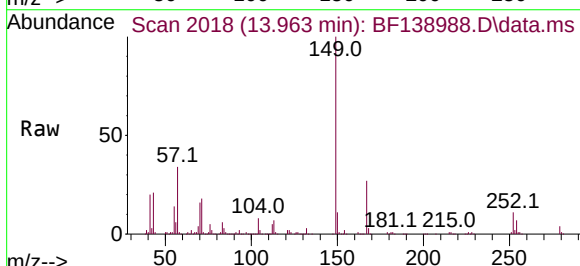
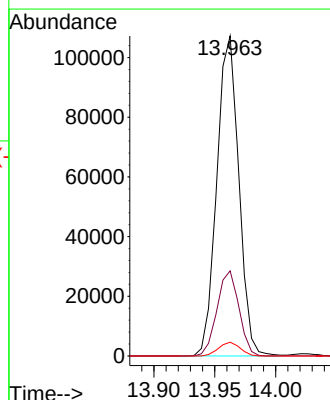
Tgt Ion:149 Resp: 134893

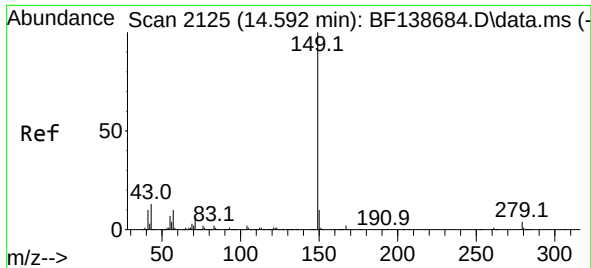
Ion Ratio Lower Upper

149 100

167 26.6 22.2 33.4

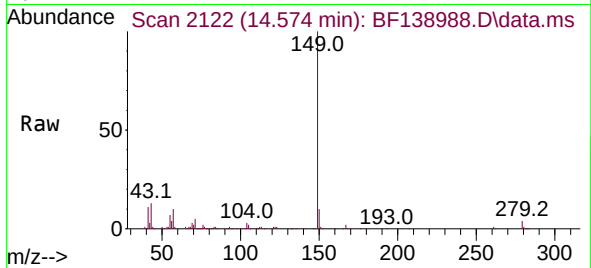
279 4.3 3.4 5.0





#85  
Di-n-octyl phthalate  
Concen: 33.003 ng  
RT: 14.574 min Scan# 2125  
Delta R.T. -0.018 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

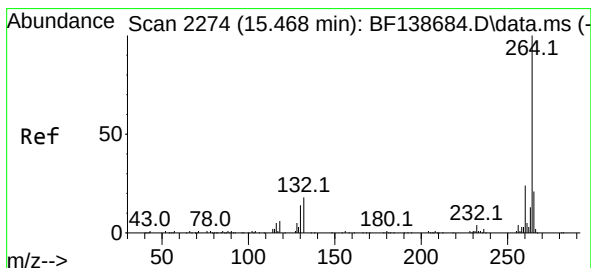
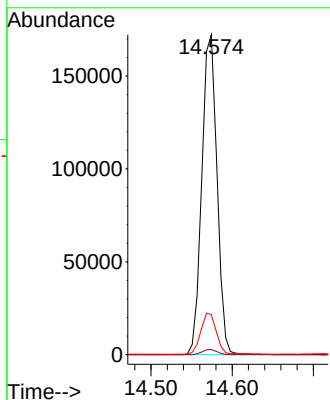
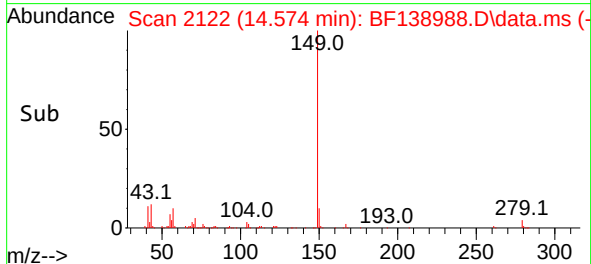
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



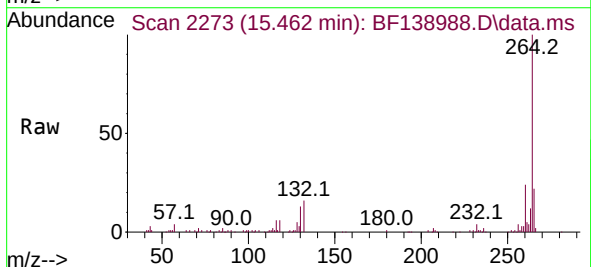
Tgt Ion:149 Resp: 223969  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.4 2.0  
43 13.2 10.4 15.6

Manual Integrations  
APPROVED

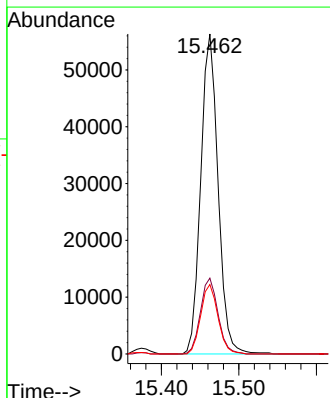
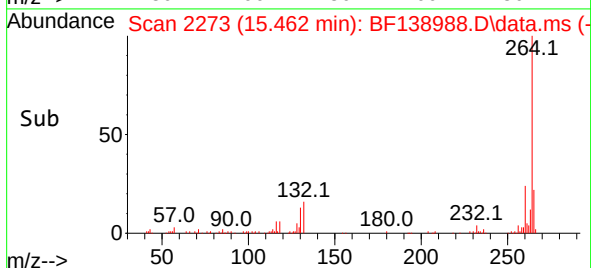
Reviewed By :Yogesh Patel 08/15/2024  
Supervised By :mohammad ahmed 08/16/2024

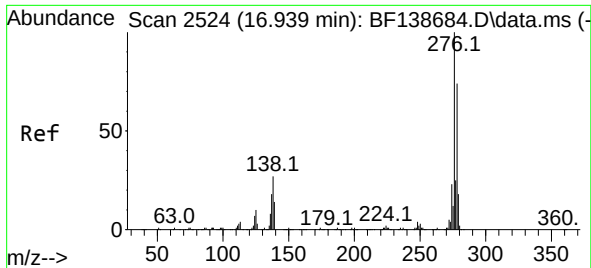


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.462 min Scan# 2273  
Delta R.T. -0.006 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03



Tgt Ion:264 Resp: 87305  
Ion Ratio Lower Upper  
264 100  
260 23.7 19.0 28.6  
265 21.7 17.0 25.6





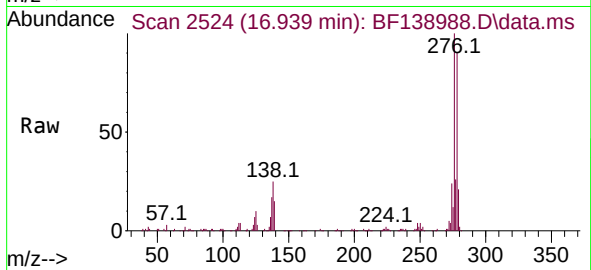
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 36.769 ng  
RT: 16.939 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

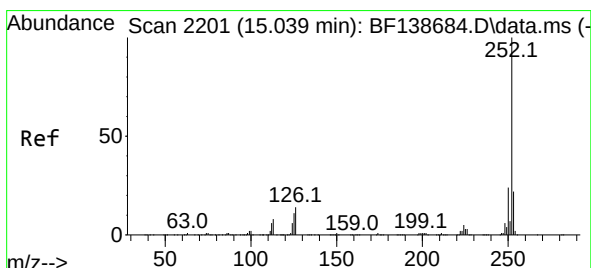
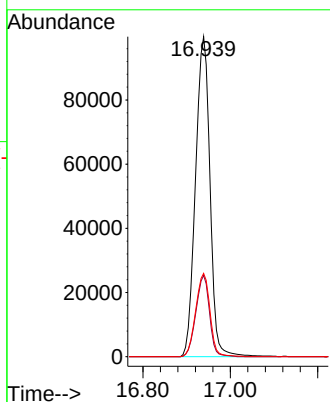
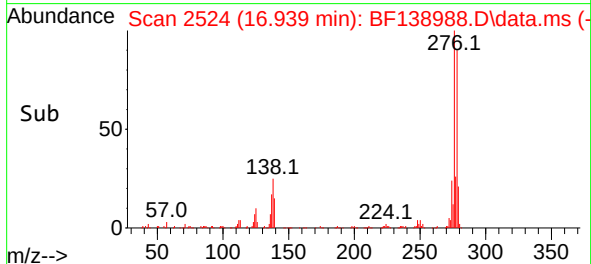


Tgt Ion:276 Resp: 230050  
Ion Ratio Lower Upper  
276 100  
138 23.8 21.8 32.8  
277 25.7 20.6 30.8

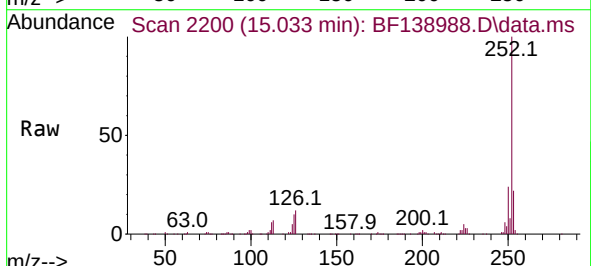
Manual Integrations

APPROVED

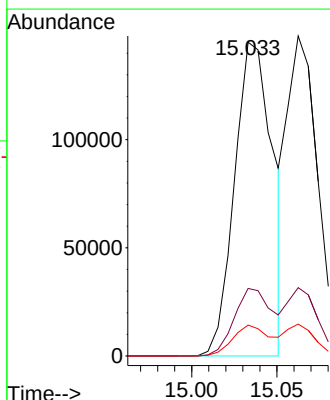
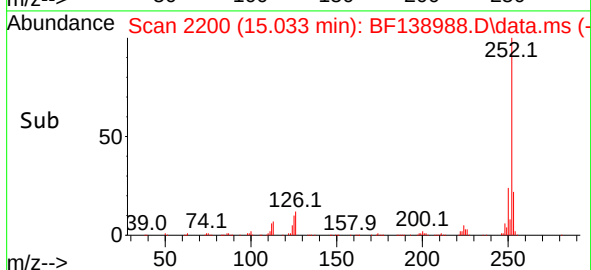
Reviewed By :Yogesh Patel 08/15/2024  
Supervised By :mohammad ahmed 08/16/2024

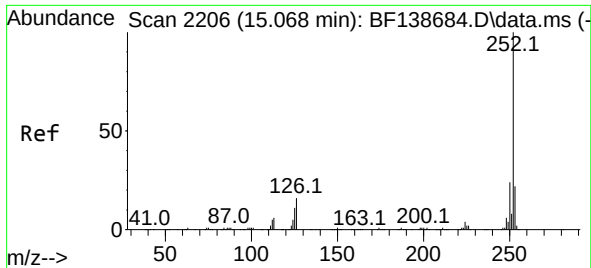


#88  
Benzo(b)fluoranthene  
Concen: 41.706 ng  
RT: 15.033 min Scan# 2200  
Delta R.T. -0.006 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03



Tgt Ion:252 Resp: 225713  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.5 26.3  
125 9.8 8.9 13.3





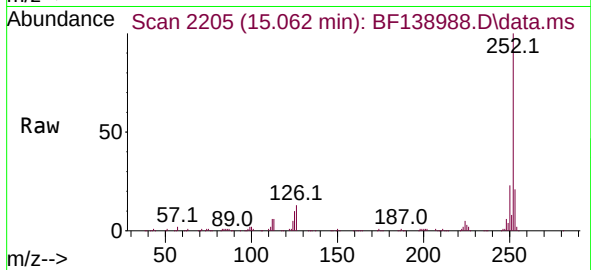
#89  
Benzo(k)fluoranthene  
Concen: 39.808 ng  
RT: 15.062 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



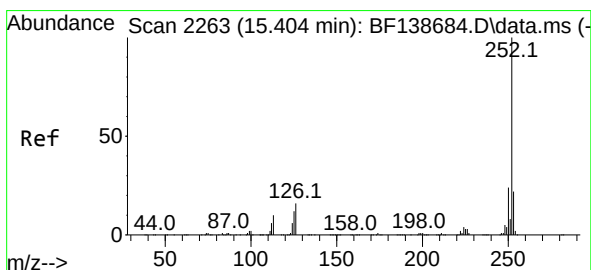
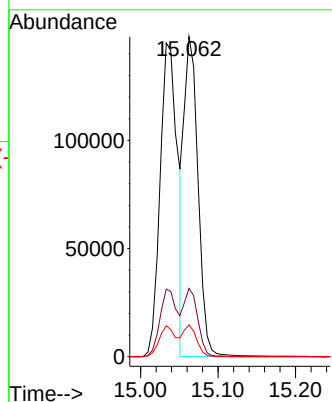
Tgt Ion:252 Resp: 186532  
Ion Ratio Lower Upper  
252 100  
253 21.4 17.4 26.0  
125 10.0 8.6 13.0

Manual Integrations

APPROVED

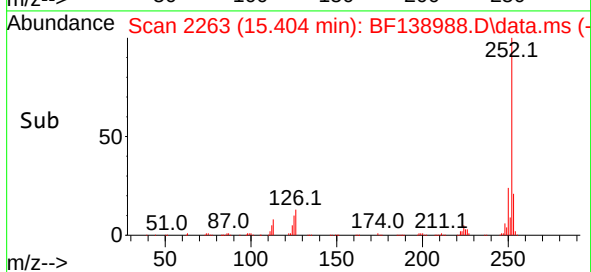
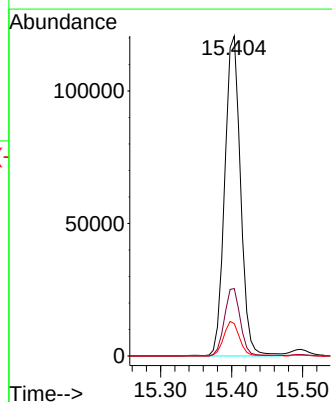
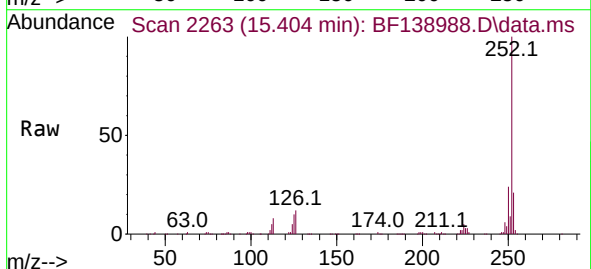
Reviewed By :Yogesh Patel 08/15/2024

Supervised By :mohammad ahmed 08/16/2024

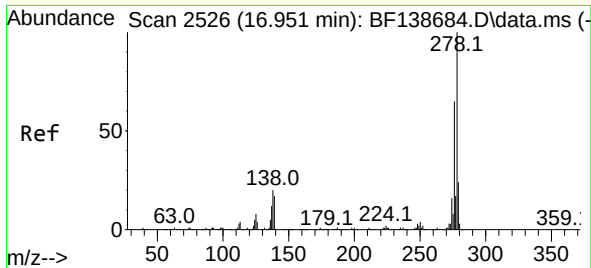


#90  
Benzo(a)pyrene  
Concen: 40.928 ng  
RT: 15.404 min Scan# 2263  
Delta R.T. -0.000 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Tgt Ion:252 Resp: 186317  
Ion Ratio Lower Upper  
252 100  
253 21.0 17.3 25.9  
125 10.1 9.5 14.3







#91  
Dibenzo(a,h)anthracene  
Concen: 36.814 ng  
RT: 16.945 min Scan# 2526  
Delta R.T. -0.006 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Instrument :

BNA\_F

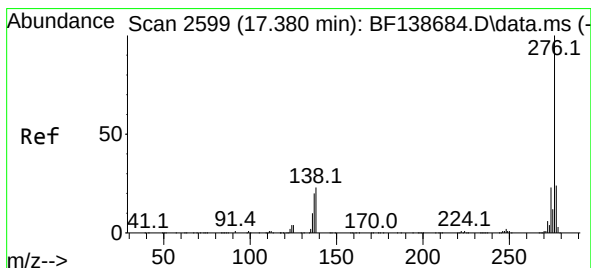
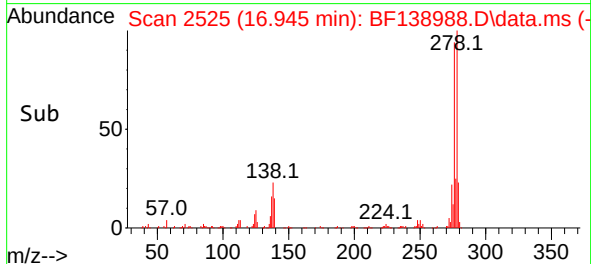
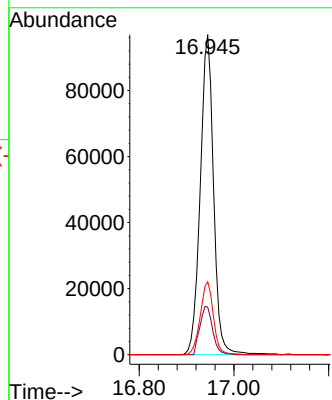
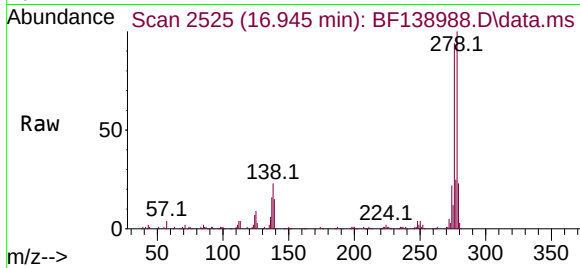
ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 18907  
Ion Ratio Lower Upper  
278 100  
139 14.8 14.0 21.0  
279 22.8 19.0 28.4

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/15/2024  
Supervised By :mohammad ahmed 08/16/2024



#92  
Benzo(g,h,i)perylene  
Concen: 35.760 ng  
RT: 17.380 min Scan# 2599  
Delta R.T. -0.000 min  
Lab File: BF138988.D  
Acq: 14 Aug 2024 12:03

Tgt Ion:276 Resp: 190583  
Ion Ratio Lower Upper  
276 100  
277 23.6 19.0 28.4  
138 19.5 18.5 27.7

