

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080423\  
 Data File : BF134621.D  
 Acq On : 04 Aug 2023 08:59  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

## Instrument :

BNA\_F

## ClientSampleId :

SSTDCCC040

## Manual Integrations

## APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/07/2023

Quant Time: Aug 04 09:29:41 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF080123.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Aug 04 09:29:15 2023

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.798  | 152  | 239745   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.081  | 136  | 928156   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.833  | 164  | 487088   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.322 | 188  | 873956   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 13.974 | 240  | 485138   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 15.439 | 264  | 448003   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.428  | 112  | 1112517  | 70.539 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.439  | 99   | 1443462  | 71.597 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.369  | 82   | 1217427  | 81.969 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.627 | 330  | 433331   | 87.270 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.163  | 172  | 2136981  | 72.947 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.921 | 244  | 2288858  | 83.171 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.551  | 88   | 256101   | 35.293 | ng    | # 94     |
| 3) Pyridine                   | 3.304  | 79   | 701490   | 35.675 | ng    | 91       |
| 4) n-Nitrosodimethylamine     | 3.281  | 42   | 321099   | 34.177 | ng    | # 60     |
| 6) Aniline                    | 6.469  | 93   | 954098   | 36.080 | ng    | 92       |
| 8) 2-Chlorophenol             | 6.587  | 128  | 593034   | 37.275 | ng    | 97       |
| 9) Benzaldehyde               | 6.357  | 77   | 368051   | 36.870 | ng    | 97       |
| 10) Phenol                    | 6.451  | 94   | 715040m  | 35.990 | ng    |          |
| 11) bis(2-Chloroethyl)ether   | 6.545  | 93   | 586117   | 37.136 | ng    | 93       |
| 12) 1,3-Dichlorobenzene       | 6.739  | 146  | 616910   | 37.477 | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 6.816  | 146  | 613574   | 37.192 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.969  | 146  | 563177   | 36.638 | ng    | 97       |
| 15) Benzyl Alcohol            | 6.945  | 79   | 513144   | 36.894 | ng    | 92       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.081  | 45   | 941699   | 38.085 | ng    | 89       |
| 17) 2-Methylphenol            | 7.051  | 107  | 519385   | 36.943 | ng    | 92       |
| 18) Hexachloroethane          | 7.310  | 117  | 226273   | 39.079 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.222  | 70   | 434223   | 35.973 | ng    | 91       |
| 20) 3+4-Methylphenols         | 7.210  | 107  | 597688   | 35.251 | ng    | # 80     |
| 22) Acetophenone              | 7.216  | 105  | 738377   | 34.460 | ng    | # 85     |
| 24) Nitrobenzene              | 7.386  | 77   | 629275   | 39.218 | ng    | 95       |
| 25) Isophorone                | 7.628  | 82   | 1235032  | 38.125 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.698  | 139  | 303143   | 44.758 | ng    | # 86     |
| 27) 2,4-Dimethylphenol        | 7.734  | 122  | 541303   | 37.450 | ng    | 87       |
| 28) bis(2-Chloroethoxy)met... | 7.833  | 93   | 745334   | 38.463 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.939  | 162  | 516853   | 39.398 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.022  | 180  | 540420   | 38.631 | ng    | 98       |
| 31) Naphthalene               | 8.104  | 128  | 1716765  | 36.803 | ng    | 99       |
| 32) Benzoic acid              | 7.863  | 122  | 384107   | 41.928 | ng    | 92       |
| 33) 4-Chloroaniline           | 8.151  | 127  | 762021   | 36.662 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.216  | 225  | 322154   | 39.923 | ng    | 97       |
| 35) Caprolactam               | 8.533  | 113  | 166350m  | 39.304 | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.633  | 107  | 533874   | 38.427 | ng    | 93       |
| 37) 2-Methylnaphthalene       | 8.792  | 142  | 1167736  | 37.767 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.892  | 142  | 1080868  | 37.593 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 8.957  | 216  | 538104   | 37.991 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.945  | 237  | 267551   | 38.844 | ng    | 92       |
| 43) 2,4,6-Trichlorophenol     | 9.069  | 196  | 365780   | 39.459 | ng    | 97       |

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Quant Time: Aug 04 09:29:41 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF080123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 04 09:29:15 2023  
 Response via : Initial Calibration

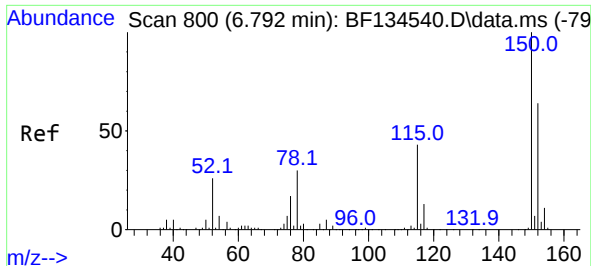
Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/07/2023  
 Supervised By :mohammad ahmed 08/07/2023

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.110  | 196  | 417292   | 39.387 | ng    | 92       |
| 46) 1,1'-Biphenyl             | 9.263  | 154  | 1377098  | 36.357 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.286  | 162  | 1036257  | 36.512 | ng    | 95       |
| 48) 2-Nitroaniline            | 9.380  | 65   | 339508   | 39.005 | ng    | 92       |
| 49) Acenaphthylene            | 9.698  | 152  | 1617769  | 36.262 | ng    | 99       |
| 50) Dimethylphthalate         | 9.569  | 163  | 1270874  | 38.281 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 9.627  | 165  | 270440   | 40.187 | ng    | # 81     |
| 52) Acenaphthene              | 9.875  | 154  | 1066672m | 36.895 | ng    |          |
| 53) 3-Nitroaniline            | 9.792  | 138  | 318087   | 42.987 | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 9.898  | 184  | 113139   | 50.699 | ng    | 87       |
| 55) Dibenzofuran              | 10.045 | 168  | 1497129  | 36.376 | ng    | 94       |
| 56) 4-Nitrophenol             | 9.951  | 139  | 236826   | 39.132 | ng    | # 68     |
| 57) 2,4-Dinitrotoluene        | 10.027 | 165  | 340664   | 41.853 | ng    | # 91     |
| 58) Fluorene                  | 10.386 | 166  | 1055476  | 35.209 | ng    | 95       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.157 | 232  | 335661   | 40.046 | ng    | 96       |
| 60) Diethylphthalate          | 10.269 | 149  | 1210689  | 38.474 | ng    | 95       |
| 61) 4-Chlorophenyl-phenyle... | 10.380 | 204  | 546228   | 37.070 | ng    | 93       |
| 62) 4-Nitroaniline            | 10.410 | 138  | 307733   | 42.430 | ng    | 84       |
| 63) Azobenzene                | 10.539 | 77   | 1240502  | 36.691 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.439 | 198  | 164629   | 46.859 | ng    | 84       |
| 66) n-Nitrosodiphenylamine    | 10.504 | 169  | 1038978  | 37.350 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.869 | 248  | 391765   | 40.949 | ng    | 97       |
| 68) Hexachlorobenzene         | 10.933 | 284  | 401349   | 39.727 | ng    | 95       |
| 69) Atrazine                  | 11.033 | 200  | 309353   | 41.260 | ng    | 99       |
| 70) Pentachlorophenol         | 11.127 | 266  | 268957   | 42.997 | ng    | 97       |
| 71) Phenanthrene              | 11.351 | 178  | 1691911  | 36.447 | ng    | 100      |
| 72) Anthracene                | 11.404 | 178  | 1716329  | 36.197 | ng    | 99       |
| 73) Carbazole                 | 11.557 | 167  | 1500459  | 35.441 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.898 | 149  | 1817216  | 40.402 | ng    | 99       |
| 75) Fluoranthene              | 12.539 | 202  | 1706063  | 34.793 | ng    | 96       |
| 77) Benzidine                 | 12.663 | 184  | 441416   | 41.915 | ng    | 97       |
| 78) Pyrene                    | 12.768 | 202  | 1738831  | 41.421 | ng    | 97       |
| 80) Butylbenzylphthalate      | 13.398 | 149  | 655425   | 46.172 | ng    | # 94     |
| 81) Benzo(a)anthracene        | 13.963 | 228  | 1212296  | 34.947 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.927 | 252  | 407518   | 40.528 | ng    | # 98     |
| 83) Chrysene                  | 13.998 | 228  | 1224724  | 36.238 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.963 | 149  | 689854   | 41.296 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.580 | 149  | 1138412  | 44.814 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.927 | 276  | 1216025  | 46.152 | ng    | # 92     |
| 88) Benzo(b)fluoranthene      | 15.009 | 252  | 983764   | 36.005 | ng    | # 97     |
| 89) Benzo(k)fluoranthene      | 15.039 | 252  | 1007066  | 36.999 | ng    | # 98     |
| 90) Benzo(a)pyrene            | 15.380 | 252  | 966686   | 37.945 | ng    | # 98     |
| 91) Dibenzo(a,h)anthracene    | 16.951 | 278  | 1000390  | 46.981 | ng    | # 95     |
| 92) Benzo(g,h,i)perylene      | 17.374 | 276  | 943138   | 43.421 | ng    | # 92     |

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





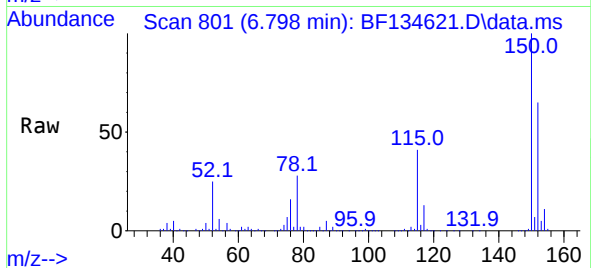
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1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.798 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

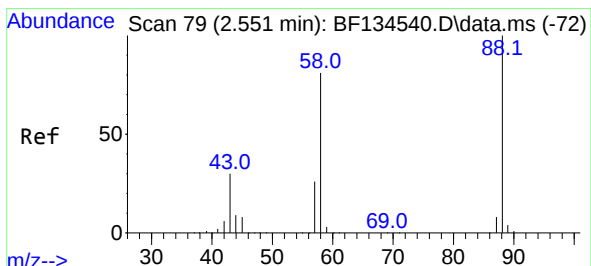
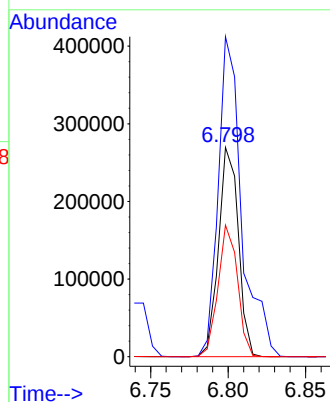
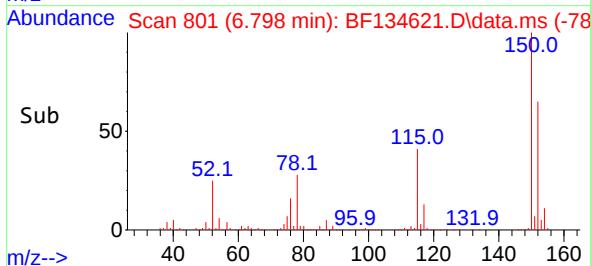


Tgt Ion:152 Resp: 239745  
Ion Ratio Lower Upper  
152 100  
150 152.9 128.3 192.5  
115 62.8 52.4 78.6

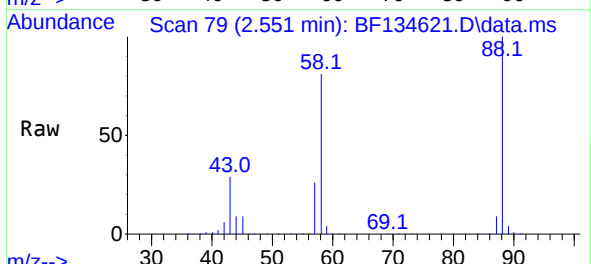
Manual Integrations

APPROVED

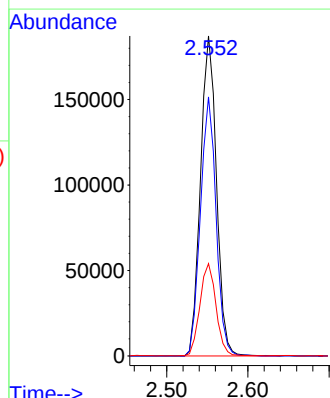
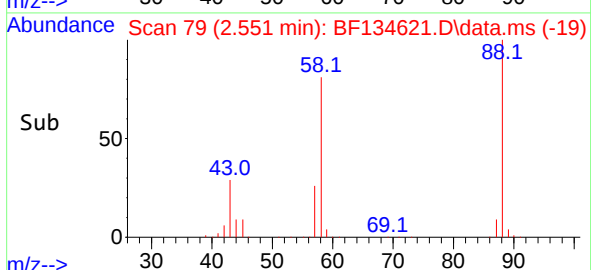
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023

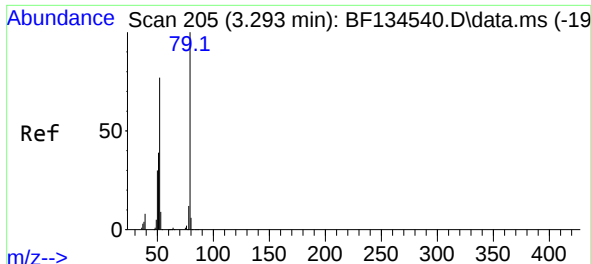


#2  
1,4-Dioxane  
Concen: 35.293 ng  
RT: 2.551 min Scan# 79  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59



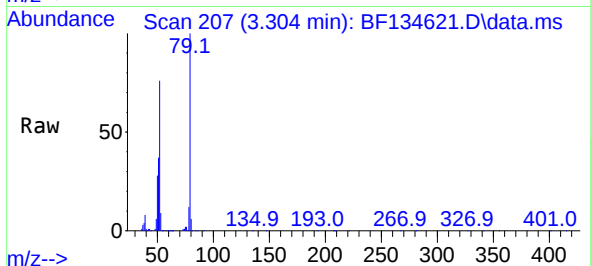
Tgt Ion: 88 Resp: 256101  
Ion Ratio Lower Upper  
88 100  
58 79.3 65.1 97.7  
43 29.3 30.3 45.5#





#3  
Pyridine  
Concen: 35.675 ng  
RT: 3.304 min Scan# 205  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

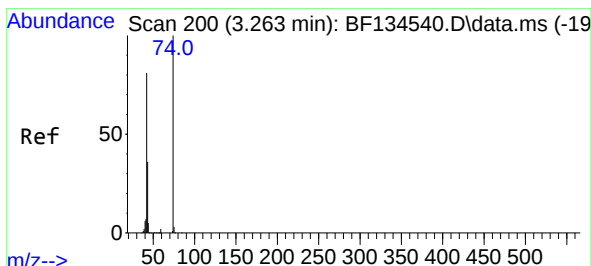
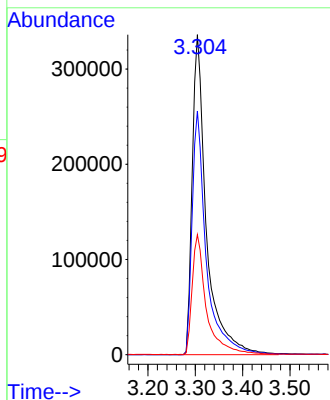
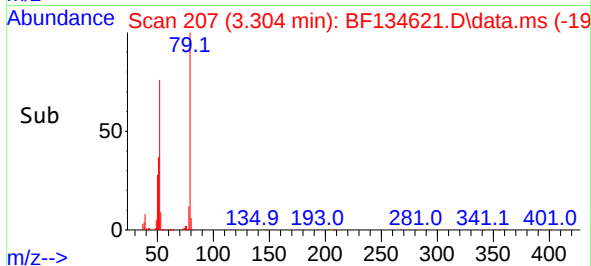
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



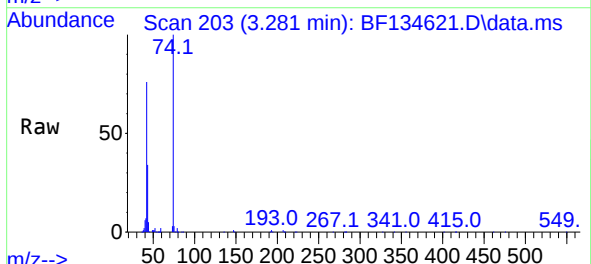
Tgt Ion: 79 Resp: 701490  
Ion Ratio Lower Upper  
79 100  
52 76.2 66.6 100.0  
51 37.5 36.5 54.7

Manual Integrations  
APPROVED

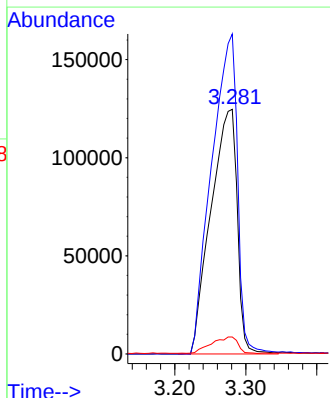
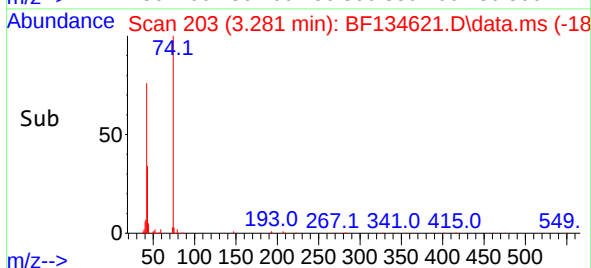
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023

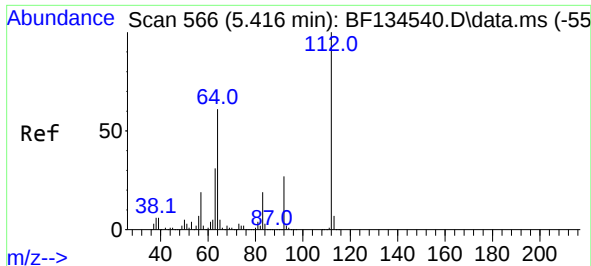


#4  
n-Nitrosodimethylamine  
Concen: 34.177 ng  
RT: 3.281 min Scan# 203  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59



Tgt Ion: 42 Resp: 321099  
Ion Ratio Lower Upper  
42 100  
74 130.8 72.2 108.4#  
44 6.9 5.4 8.0





#5  
2-Fluorophenol  
Concen: 70.539 ng  
RT: 5.428 min Scan# 50  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Instrument :

BNA\_F

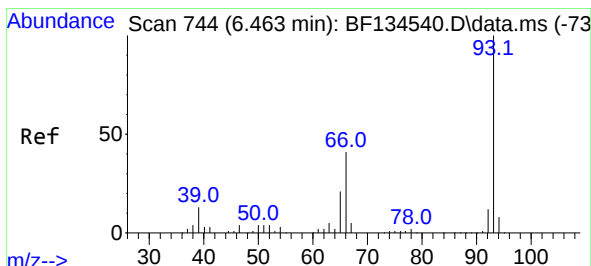
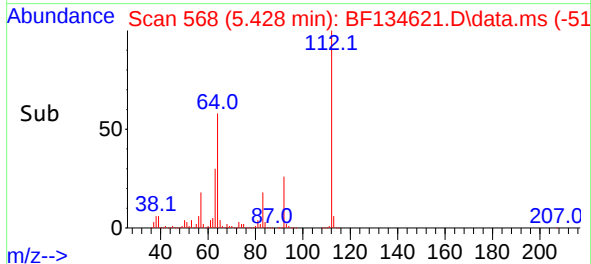
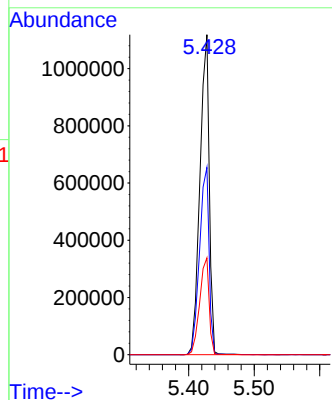
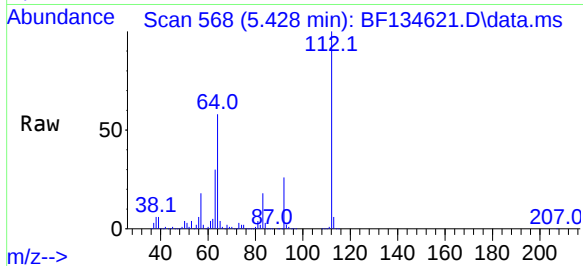
ClientSampleId :

SSTDCCC040

Tgt Ion:112 Resp: 111251  
Ion Ratio Lower Upper  
112 100  
64 58.5 44.9 67.3  
63 30.3 25.4 38.0

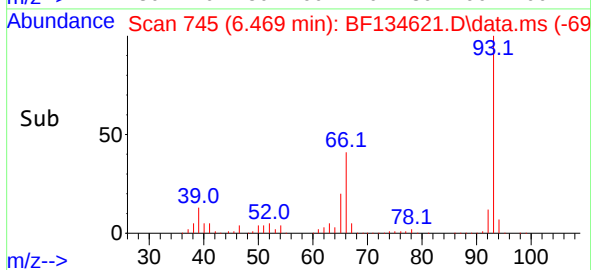
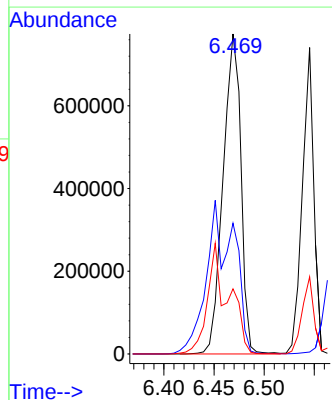
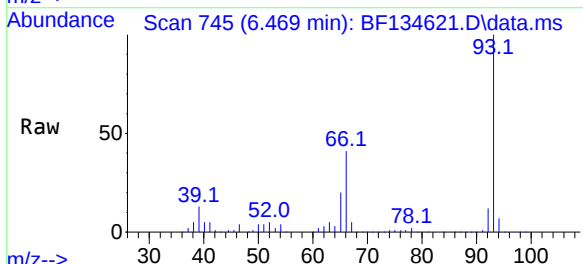
Manual Integrations  
APPROVED

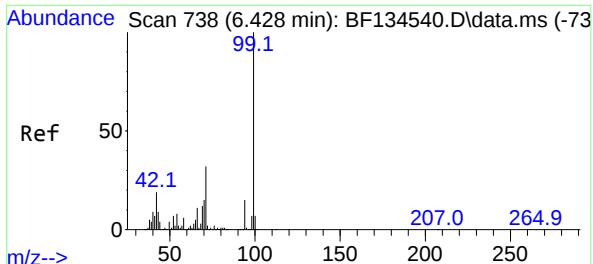
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023



#6  
Aniline  
Concen: 36.080 ng  
RT: 6.469 min Scan# 745  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

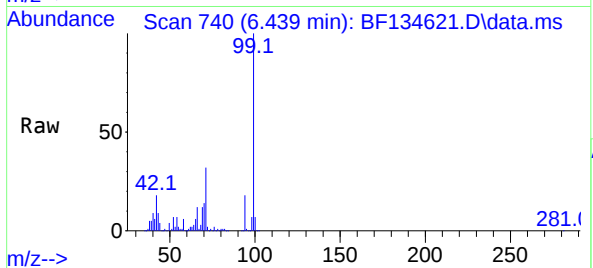
Tgt Ion: 93 Resp: 954098  
Ion Ratio Lower Upper  
93 100  
66 40.9 36.8 55.2  
65 20.3 19.4 29.0





#7  
Phenol-d6  
Concen: 71.597 ng  
RT: 6.439 min Scan# 740  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

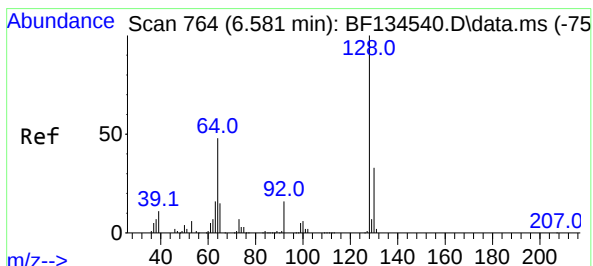
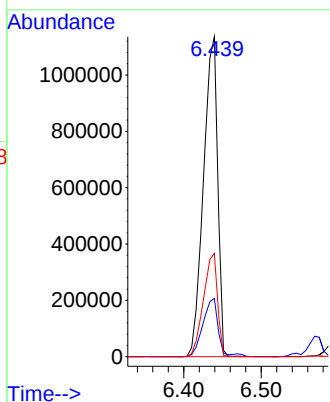
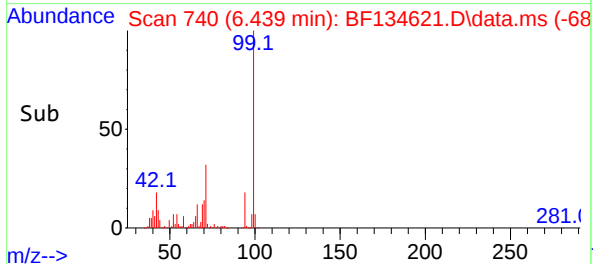
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 99 Resp: 1443462  
Ion Ratio Lower Upper  
99 100  
42 18.2 18.7 28.1  
71 32.3 36.4 54.6

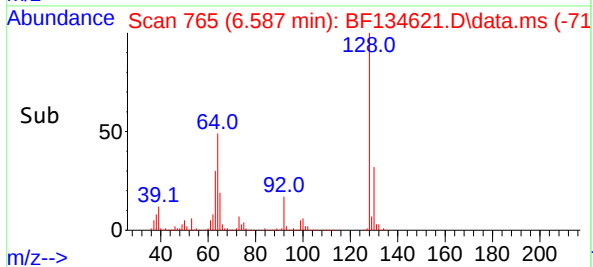
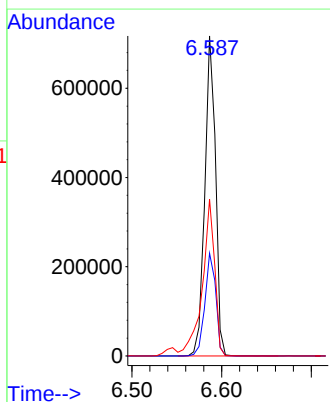
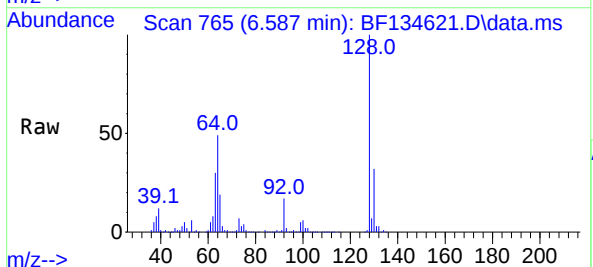
Manual Integrations  
APPROVED

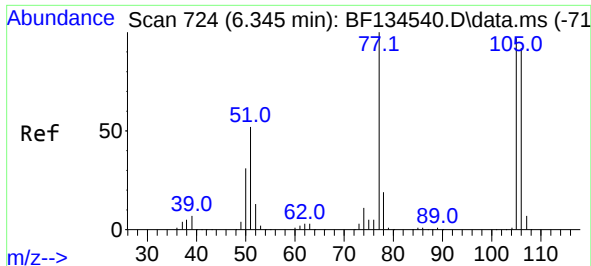
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023



#8  
2-Chlorophenol  
Concen: 37.275 ng  
RT: 6.587 min Scan# 765  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Tgt Ion:128 Resp: 593034  
Ion Ratio Lower Upper  
128 100  
130 32.1 11.1 51.1  
64 49.0 31.9 71.9





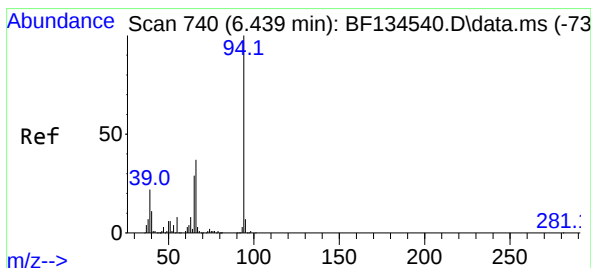
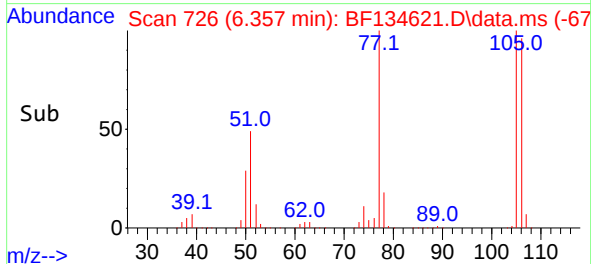
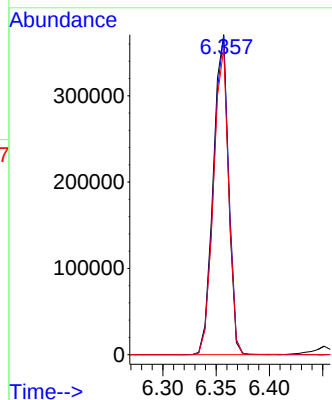
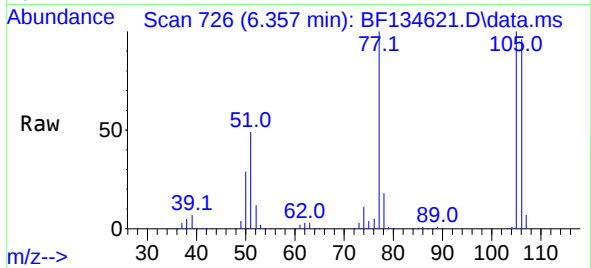
#9  
Benzaldehyde  
Concen: 36.870 ng  
RT: 6.357 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 77 Resp: 36805  
Ion Ratio Lower Upper  
77 100  
105 99.5 77.1 117.1  
106 95.6 71.4 111.4

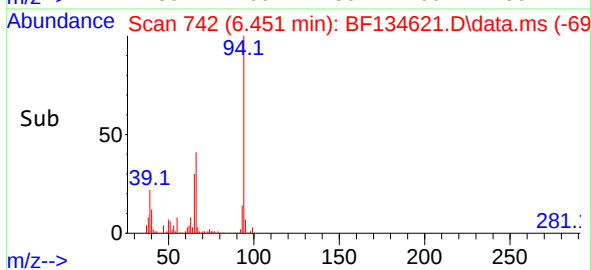
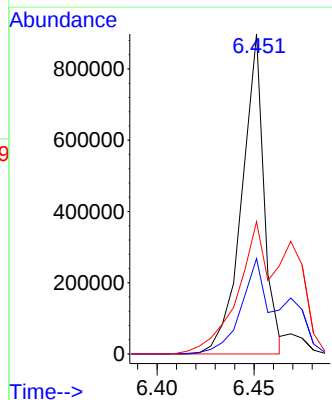
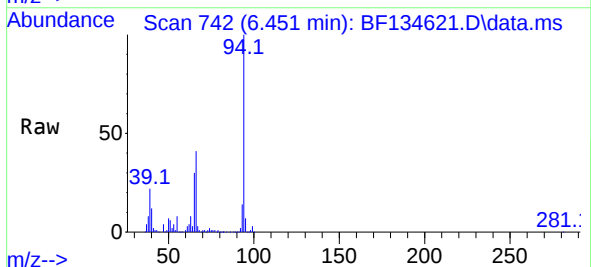
Manual Integrations  
APPROVED

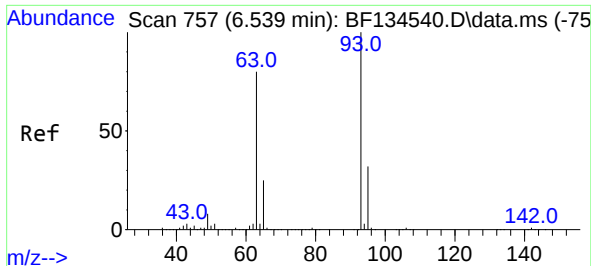
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023



#10  
Phenol  
Concen: 35.990 ng m  
RT: 6.451 min Scan# 742  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Tgt Ion: 94 Resp: 715040  
Ion Ratio Lower Upper  
94 100  
65 29.8 17.8 57.8  
66 41.4 35.2 75.2





#11  
bis(2-Chloroethyl)ether  
Concen: 37.136 ng  
RT: 6.545 min Scan# 709  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Instrument :

BNA\_F

ClientSampleId :

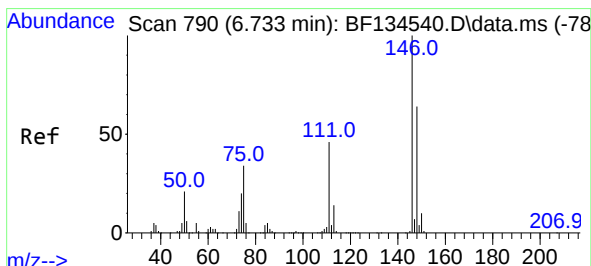
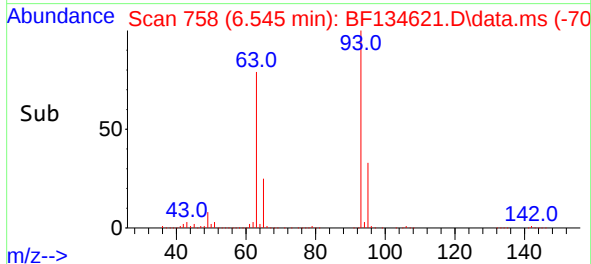
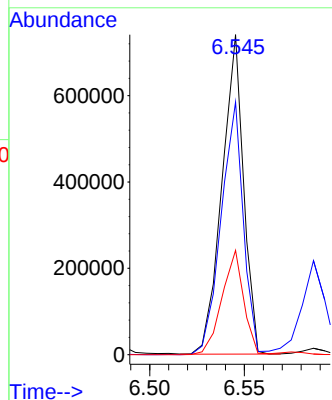
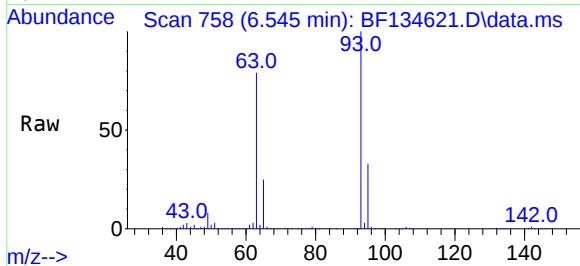
SSTDCCC040

Tgt Ion: 93 Resp: 58611  
Ion Ratio Lower Upper  
93 100  
63 79.0 68.4 108.4  
95 32.6 12.4 52.4

Manual Integrations

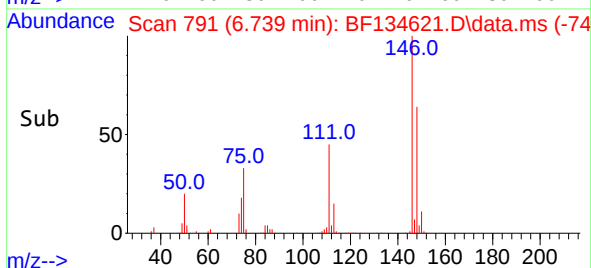
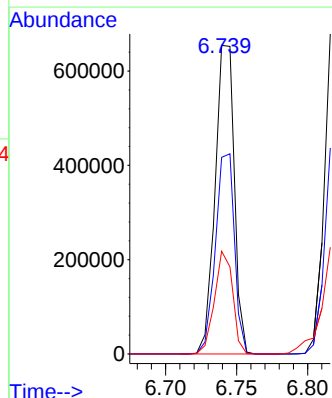
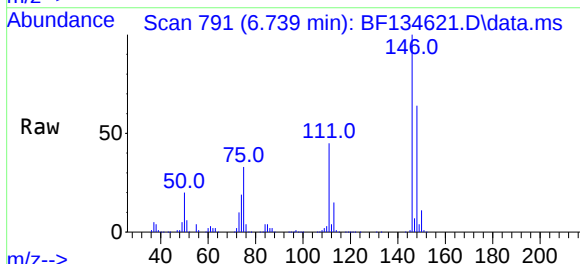
APPROVED

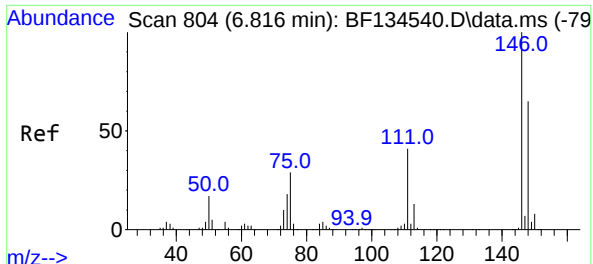
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023



#12  
1,3-Dichlorobenzene  
Concen: 37.477 ng  
RT: 6.739 min Scan# 791  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Tgt Ion:146 Resp: 616910  
Ion Ratio Lower Upper  
146 100  
148 63.7 49.7 74.5  
75 33.3 29.5 44.3





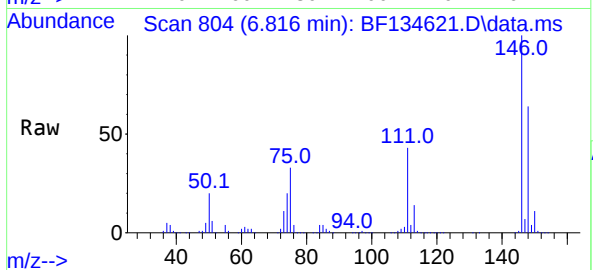
#13  
1,4-Dichlorobenzene  
Concen: 37.192 ng  
RT: 6.816 min Scan# 804  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

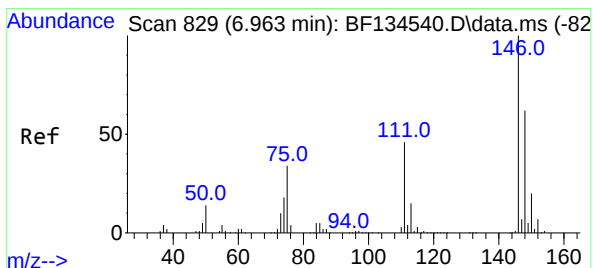
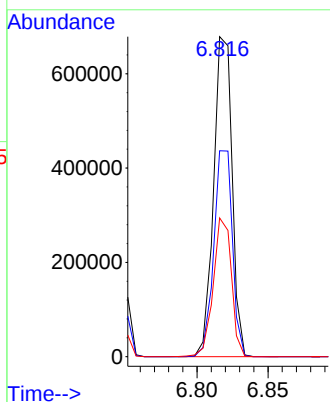
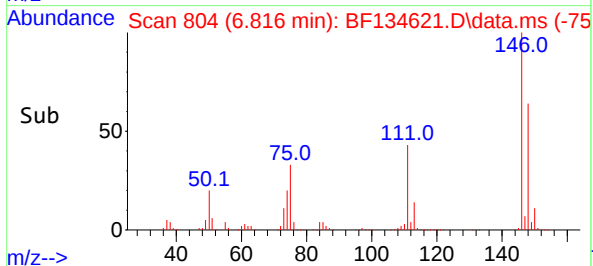


Tgt Ion:146 Resp: 613574  
Ion Ratio Lower Upper  
146 100  
148 64.3 51.3 76.9  
111 43.4 36.6 55.0

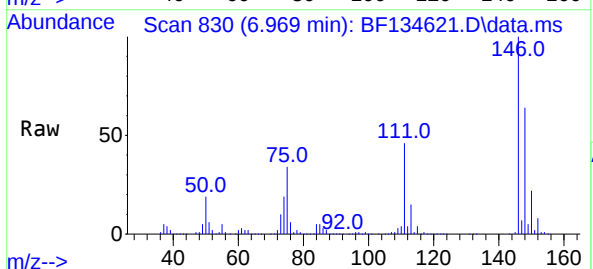
Manual Integrations

APPROVED

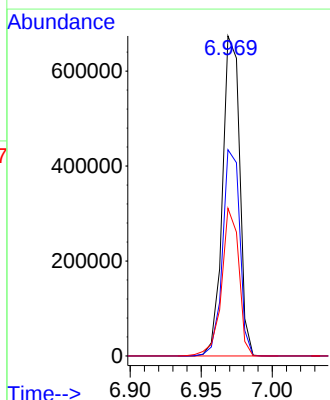
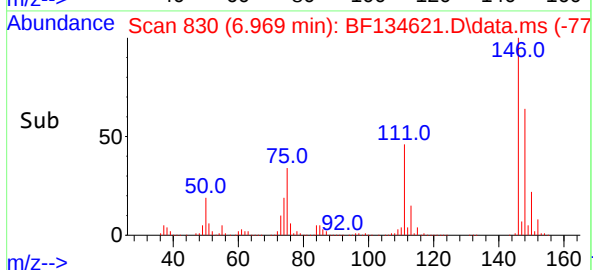
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023

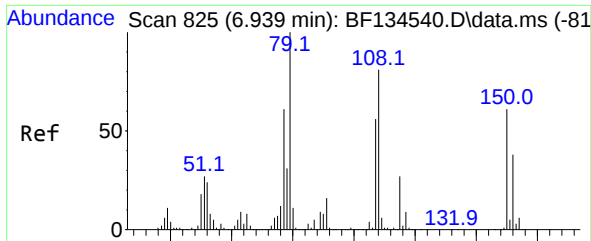


#14  
1,2-Dichlorobenzene  
Concen: 36.638 ng  
RT: 6.969 min Scan# 830  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59



Tgt Ion:146 Resp: 563177  
Ion Ratio Lower Upper  
146 100  
148 64.5 51.2 76.8  
111 46.2 39.9 59.9





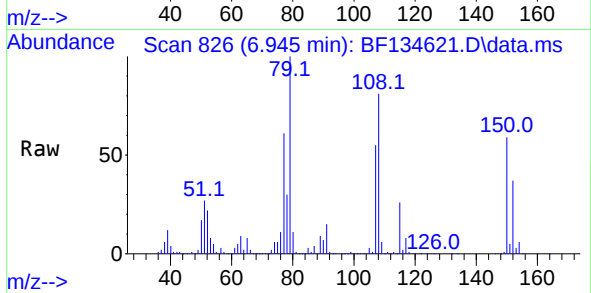
#15  
Benzyl Alcohol  
Concen: 36.894 ng  
RT: 6.945 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Instrument :

BNA\_F

ClientSampleId :

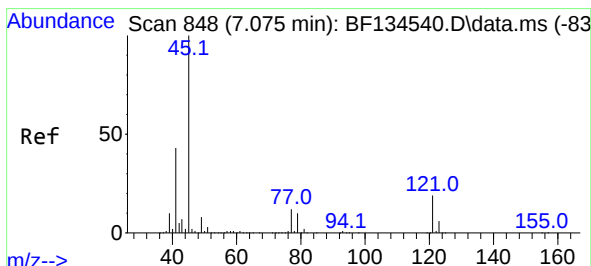
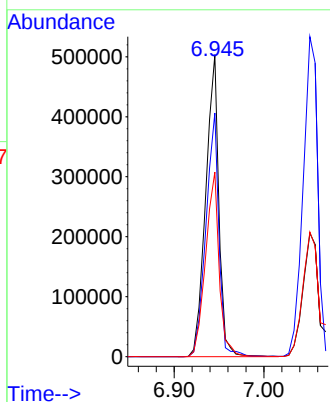
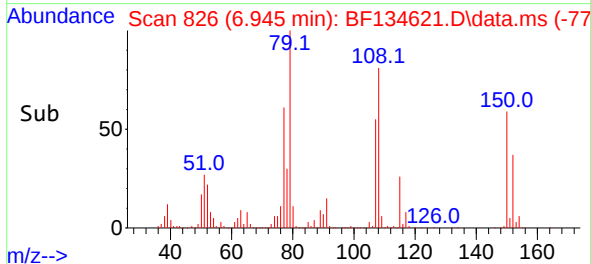
SSTDCCC040



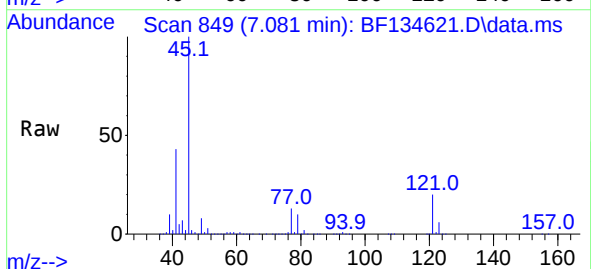
Tgt Ion: 79 Resp: 513144  
Ion Ratio Lower Upper  
79 100  
108 80.7 56.3 84.5  
77 61.1 50.6 76.0

Manual Integrations  
APPROVED

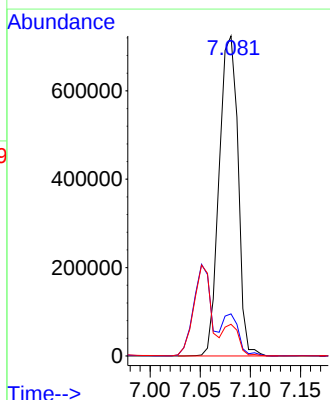
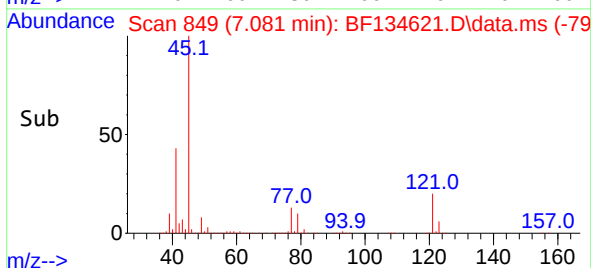
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023

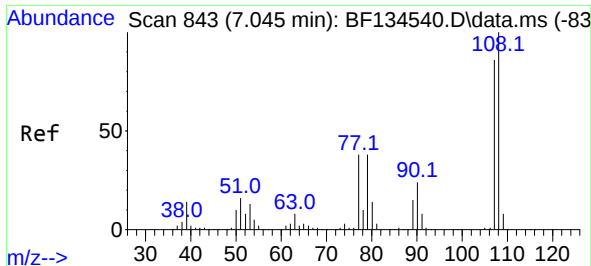


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.085 ng  
RT: 7.081 min Scan# 849  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59



Tgt Ion: 45 Resp: 941699  
Ion Ratio Lower Upper  
45 100  
77 13.2 0.0 37.8  
79 9.9 0.0 34.5





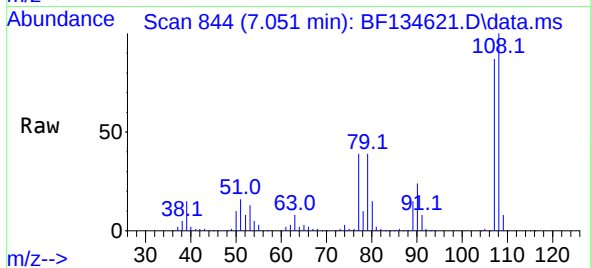
#17  
2-Methylphenol  
Concen: 36.943 ng  
RT: 7.051 min Scan# 843  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

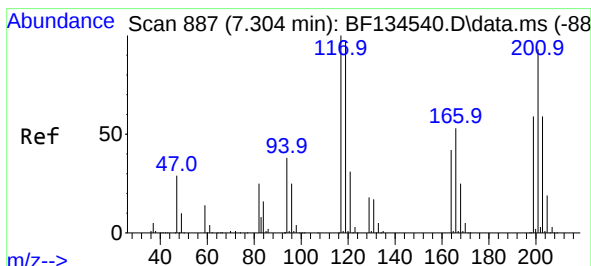
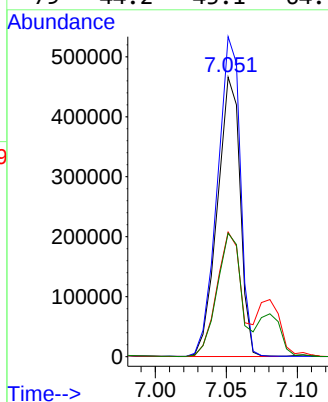
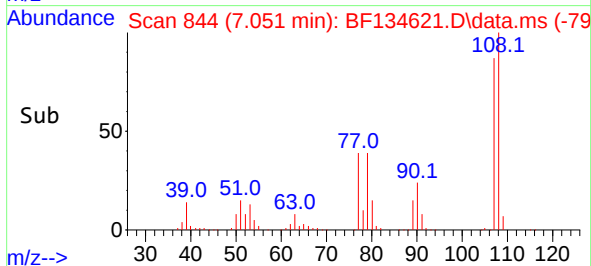


Tgt Ion:107 Resp: 51938  
Ion Ratio Lower Upper  
107 100  
108 114.5 89.4 134.2  
77 44.6 42.4 63.6  
79 44.2 43.1 64.7

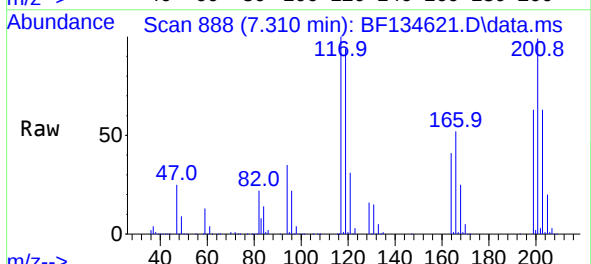
Manual Integrations

APPROVED

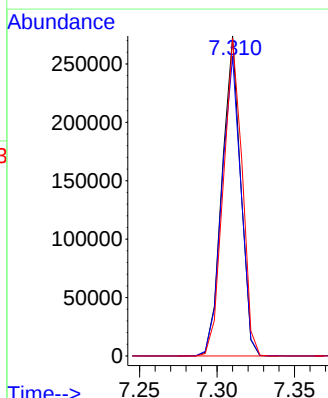
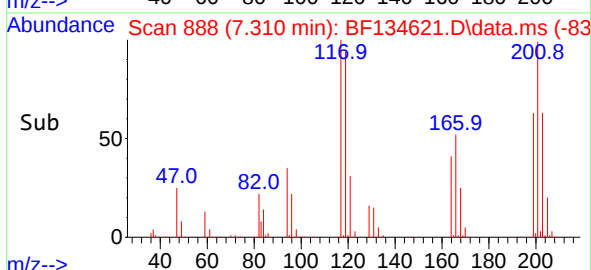
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023

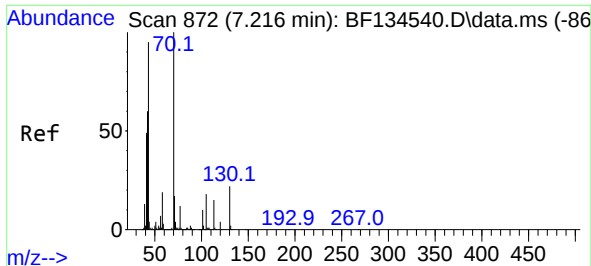


#18  
Hexachloroethane  
Concen: 39.079 ng  
RT: 7.310 min Scan# 888  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59



Tgt Ion:117 Resp: 226273  
Ion Ratio Lower Upper  
117 100  
119 93.6 75.8 113.8  
201 99.4 73.6 110.4





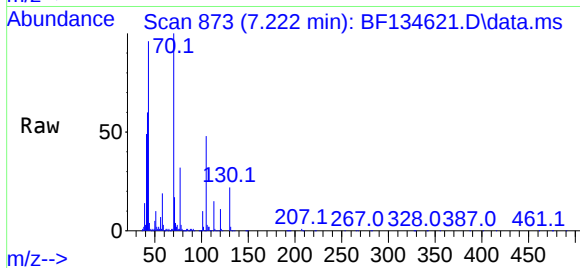
#19  
n-Nitroso-di-n-propylamine  
Concen: 35.973 ng  
RT: 7.222 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

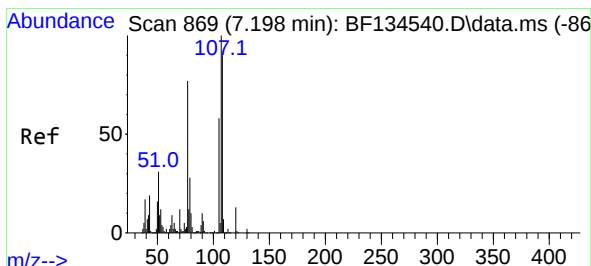
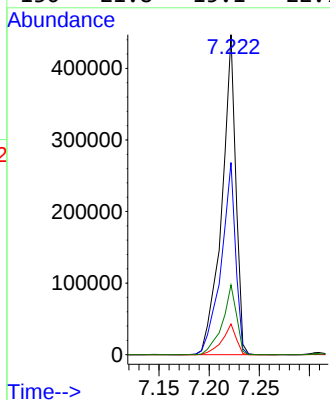
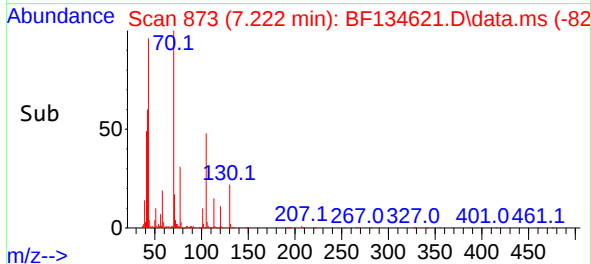


Tgt Ion: 70 Resp: 43422  
Ion Ratio Lower Upper  
70 100  
42 60.1 54.7 82.1  
101 9.6 8.2 12.2  
130 21.8 15.1 22.7

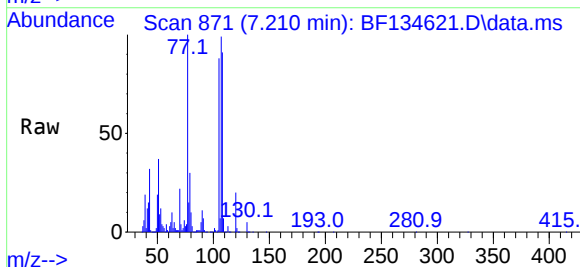
Manual Integrations

APPROVED

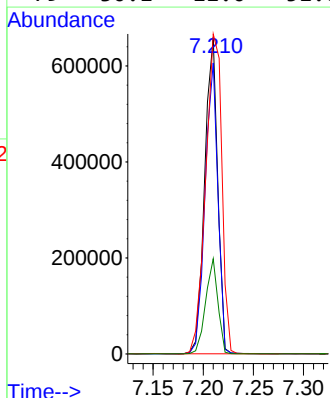
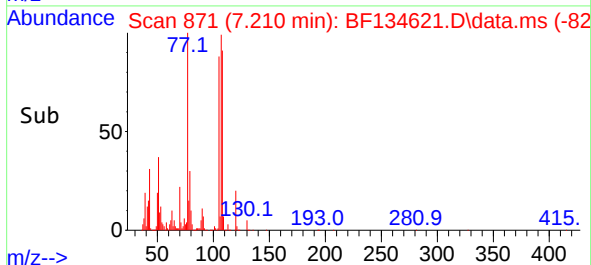
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023

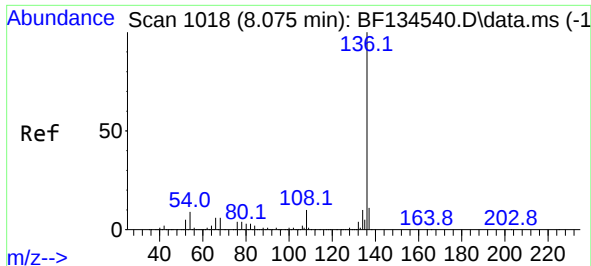


#20  
3+4-Methylphenols  
Concen: 35.251 ng  
RT: 7.210 min Scan# 871  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59



Tgt Ion:107 Resp: 597688  
Ion Ratio Lower Upper  
107 100  
108 91.9 68.1 108.1  
77 101.1 122.1 162.1#  
79 30.1 11.0 51.0





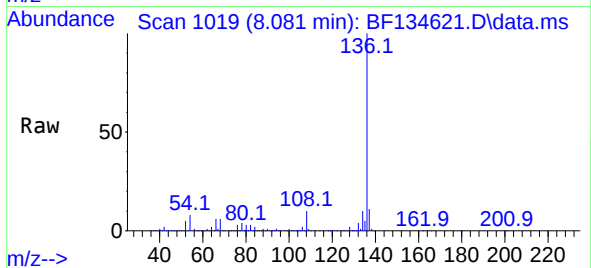
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.081 min Scan# 1018  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

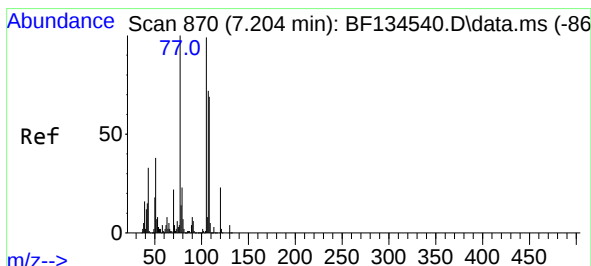
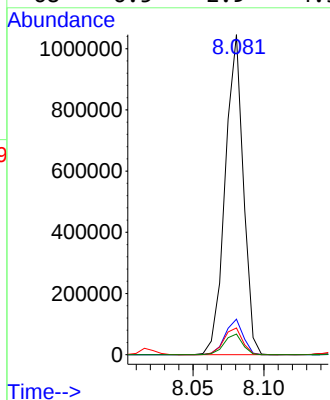
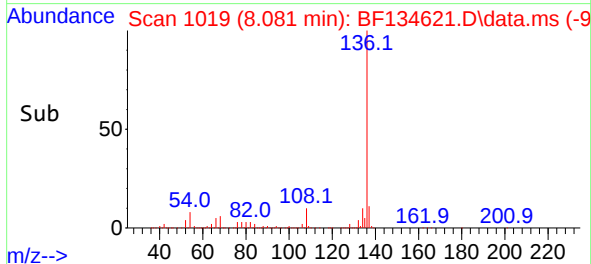


Tgt Ion:136 Resp: 928150  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.4 12.6  
54 8.4 5.2 7.8  
68 6.5 2.9 4.3

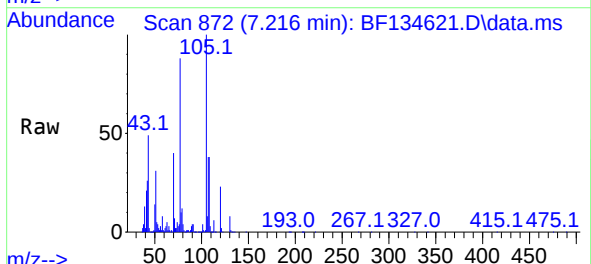
Manual Integrations

APPROVED

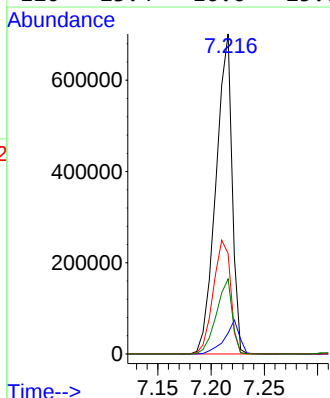
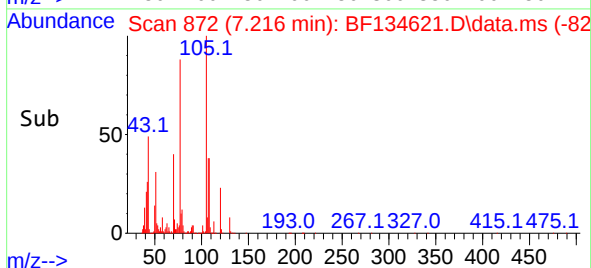
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023

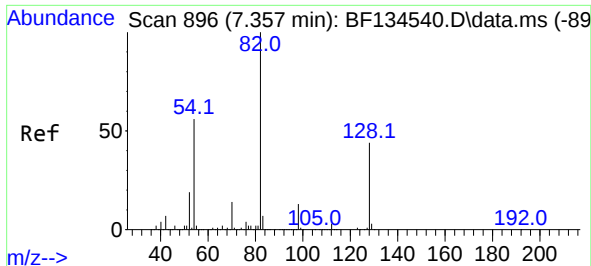


#22  
Acetophenone  
Concen: 34.460 ng  
RT: 7.216 min Scan# 872  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59



Tgt Ion:105 Resp: 738377  
Ion Ratio Lower Upper  
105 100  
71 6.5 7.4 11.0#  
51 31.4 36.4 54.6#  
120 23.4 16.6 25.0





#23  
Nitrobenzene-d5  
Concen: 81.969 ng  
RT: 7.369 min Scan# 896  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Instrument :

BNA\_F

ClientSampleId :

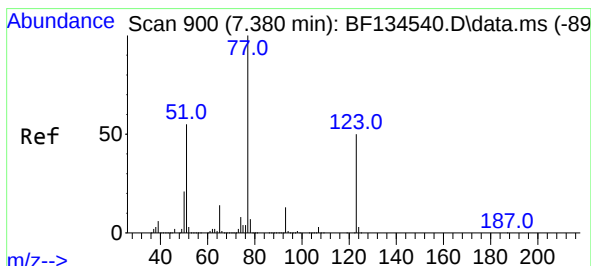
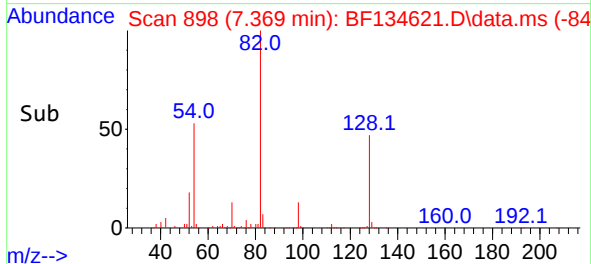
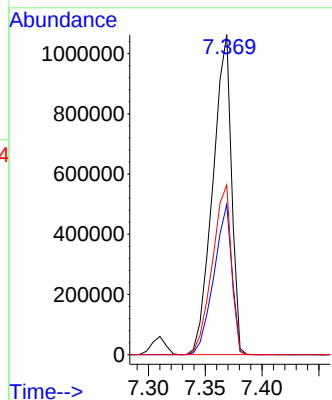
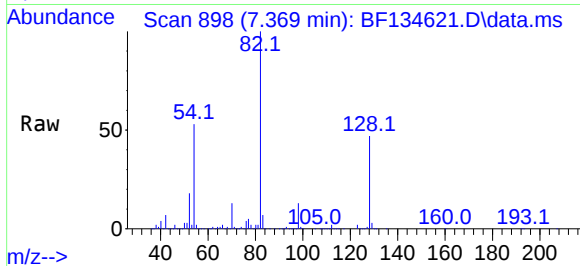
SSTDCCC040

Tgt Ion: 82 Resp: 121742  
Ion Ratio Lower Upper  
82 100  
128 47.0 34.3 51.5  
54 53.0 43.8 65.6

Manual Integrations

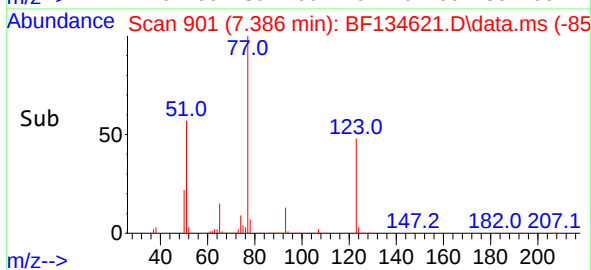
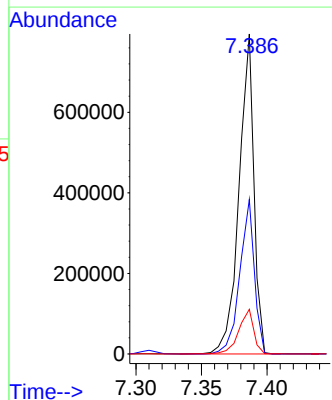
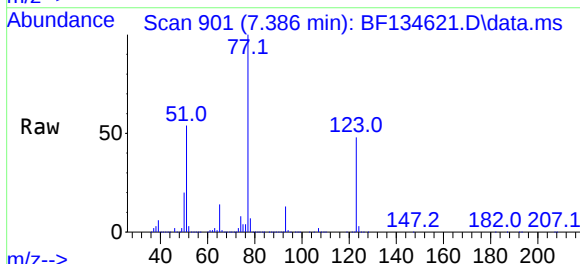
APPROVED

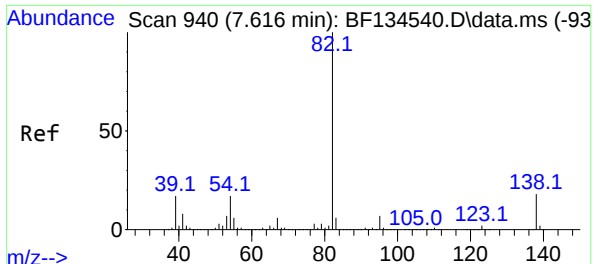
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023



#24  
Nitrobenzene  
Concen: 39.218 ng  
RT: 7.386 min Scan# 901  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Tgt Ion: 77 Resp: 629275  
Ion Ratio Lower Upper  
77 100  
123 48.2 35.5 53.3  
65 13.9 11.9 17.9





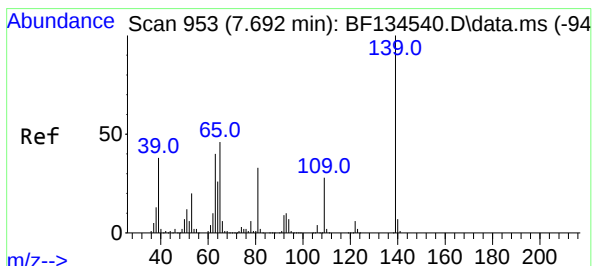
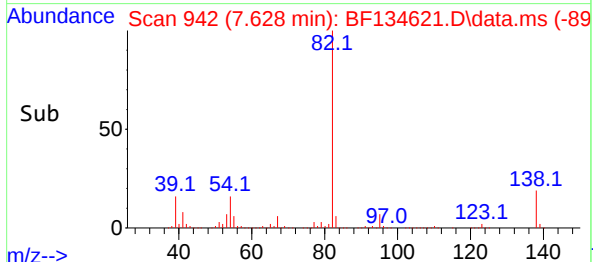
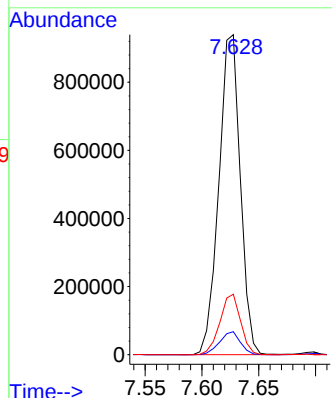
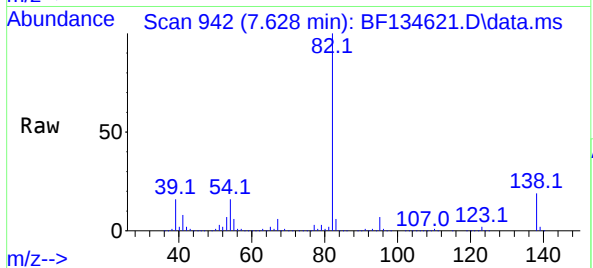
#25  
Isophorone  
Concen: 38.125 ng  
RT: 7.628 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 123503  
Ion Ratio Lower Upper  
82 100  
95 7.2 6.0 9.0  
138 18.9 14.6 22.0

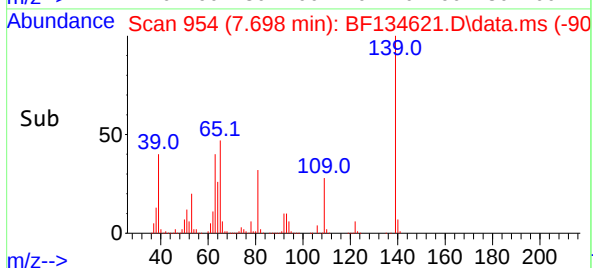
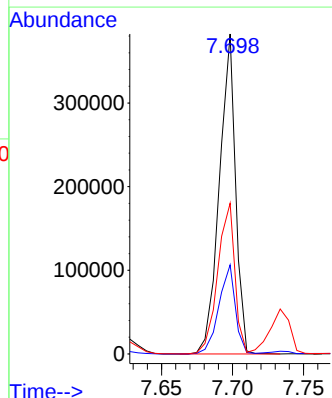
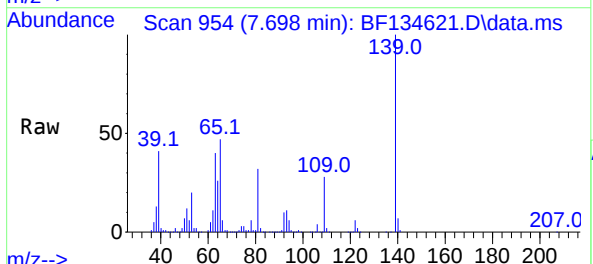
Manual Integrations  
APPROVED

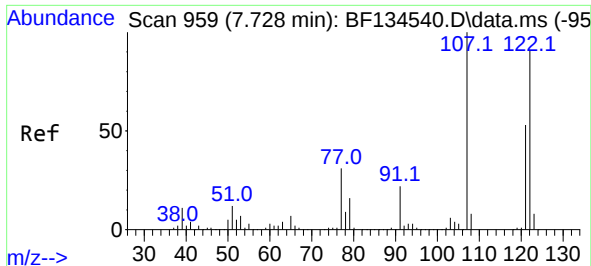
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023



#26  
2-Nitrophenol  
Concen: 44.758 ng  
RT: 7.698 min Scan# 954  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Tgt Ion:139 Resp: 303143  
Ion Ratio Lower Upper  
139 100  
109 27.8 29.8 44.6#  
65 47.1 45.4 68.2





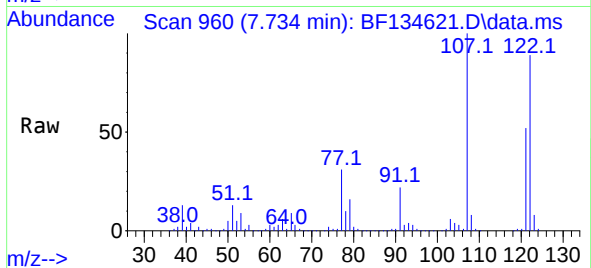
#27  
2,4-Dimethylphenol  
Concen: 37.450 ng  
RT: 7.734 min Scan# 90  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

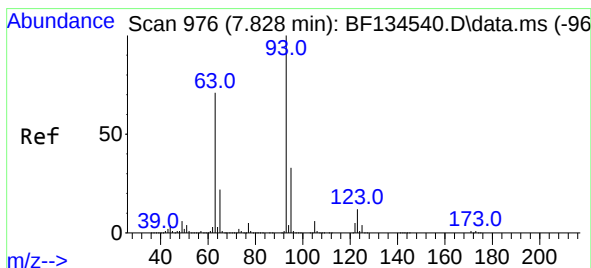
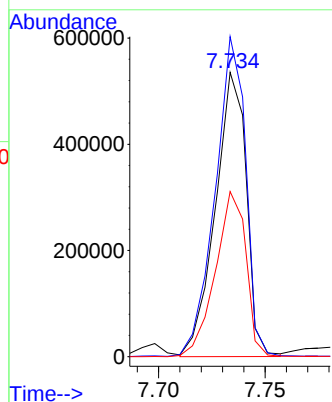


Tgt Ion:122 Resp: 54130  
Ion Ratio Lower Upper  
122 100  
107 112.6 106.7 160.1  
121 58.1 49.0 73.6

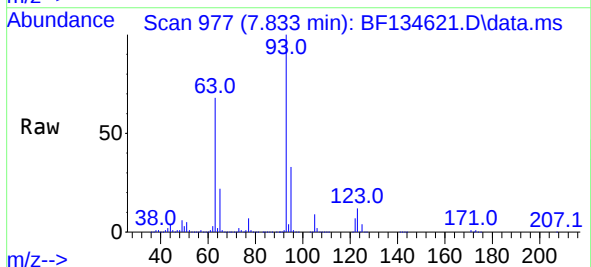
Manual Integrations

APPROVED

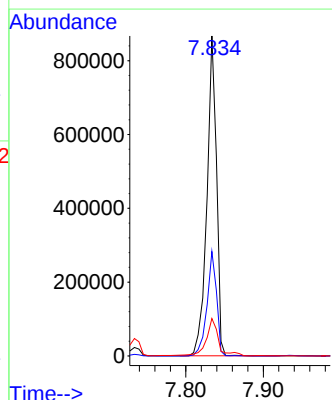
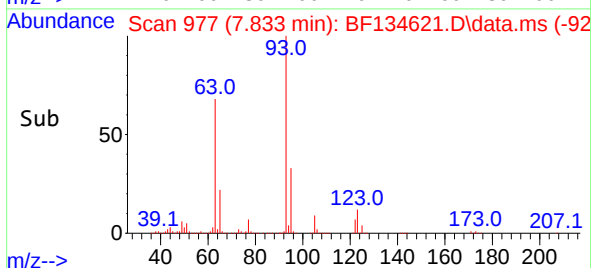
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023

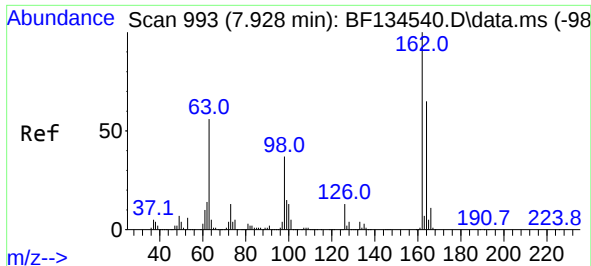


#28  
bis(2-Chloroethoxy)methane  
Concen: 38.463 ng  
RT: 7.833 min Scan# 977  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59



Tgt Ion: 93 Resp: 745334  
Ion Ratio Lower Upper  
93 100  
95 32.7 26.5 39.7  
123 11.7 9.6 14.4





#29  
2,4-Dichlorophenol  
Concen: 39.398 ng  
RT: 7.939 min Scan# 993  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Instrument :

BNA\_F

ClientSampleId :

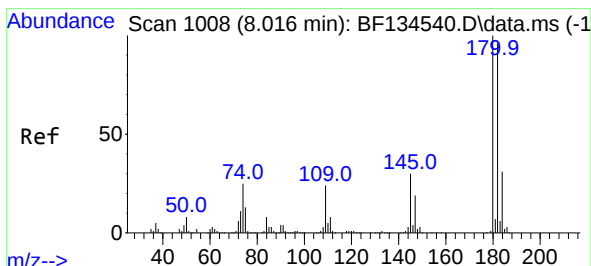
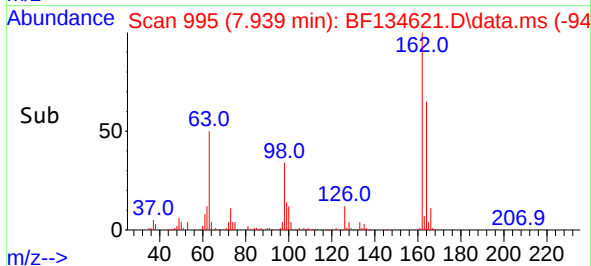
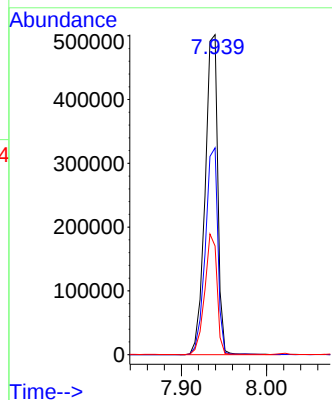
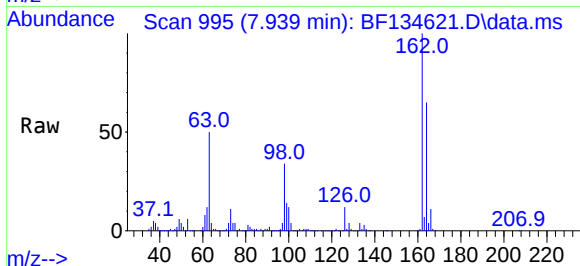
SSTDCCC040

Tgt Ion:162 Resp: 51685  
Ion Ratio Lower Upper  
162 100  
164 64.7 42.2 82.2  
98 33.9 15.5 55.5

Manual Integrations

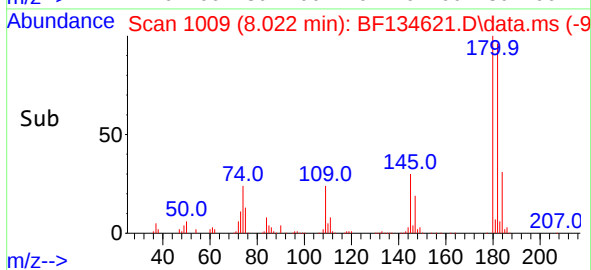
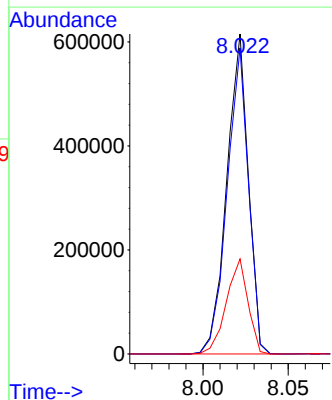
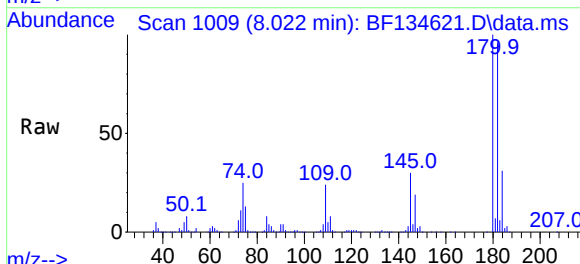
APPROVED

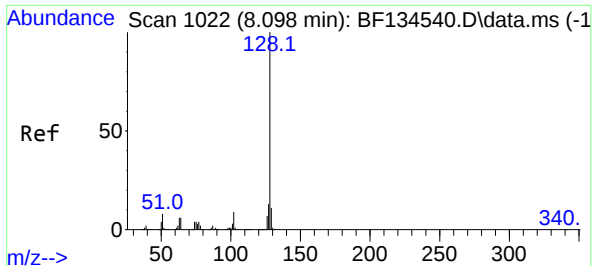
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023



#30  
1,2,4-Trichlorobenzene  
Concen: 38.631 ng  
RT: 8.022 min Scan# 1009  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Tgt Ion:180 Resp: 540420  
Ion Ratio Lower Upper  
180 100  
182 95.6 75.0 112.6  
145 29.7 25.5 38.3





#31

Naphthalene

Concen: 36.803 ng

RT: 8.104 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BF134621.D

Acq: 04 Aug 2023 08:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 171676

Ion Ratio Lower Upper

128 100

129 11.2 8.4 12.6

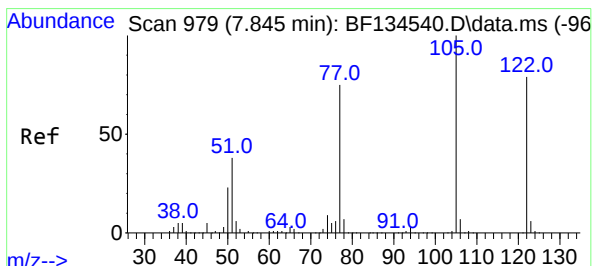
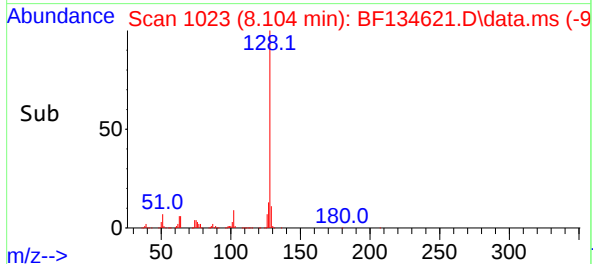
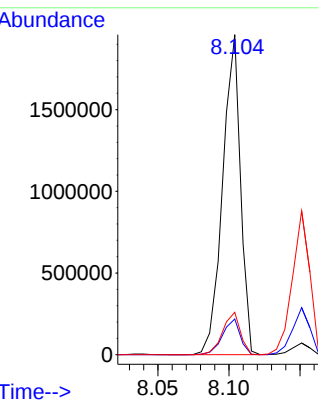
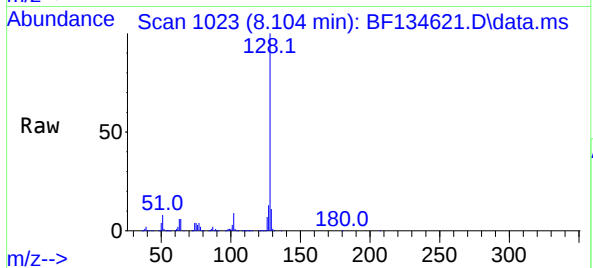
127 13.3 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/07/2023



#32

Benzoic acid

Concen: 41.928 ng

RT: 7.863 min Scan# 982

Delta R.T. 0.000 min

Lab File: BF134621.D

Acq: 04 Aug 2023 08:59

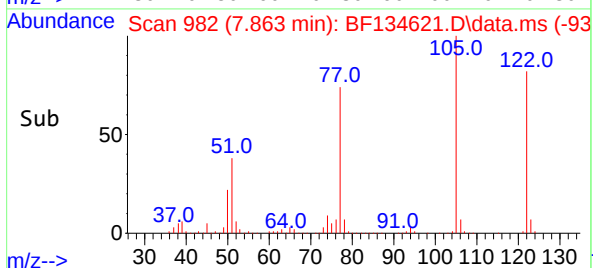
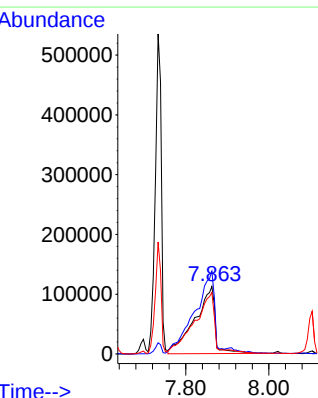
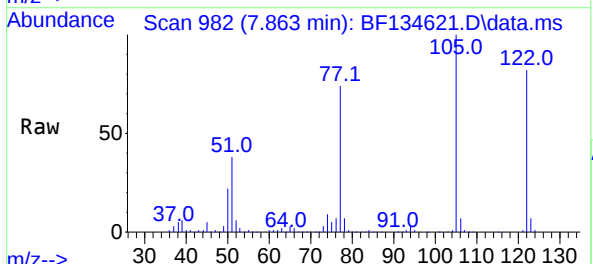
Tgt Ion:122 Resp: 384107

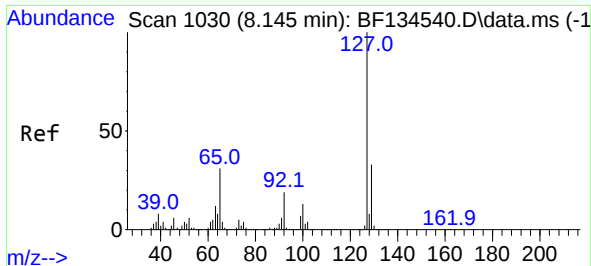
Ion Ratio Lower Upper

122 100

105 122.3 87.5 127.5

77 91.0 71.4 111.4





#33  
4-Chloroaniline  
Concen: 36.662 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Instrument :

BNA\_F

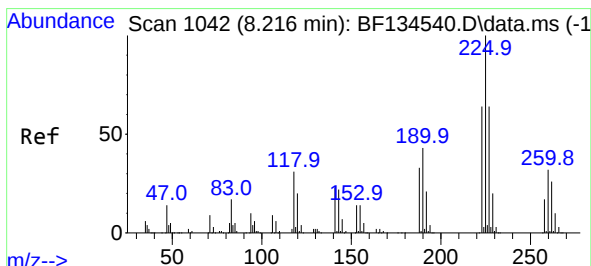
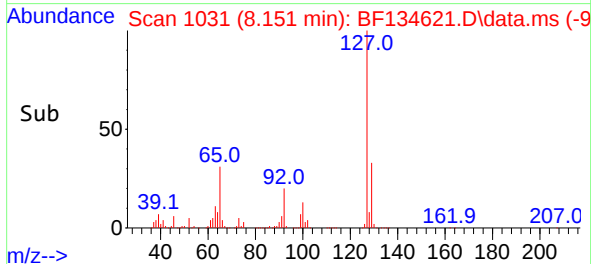
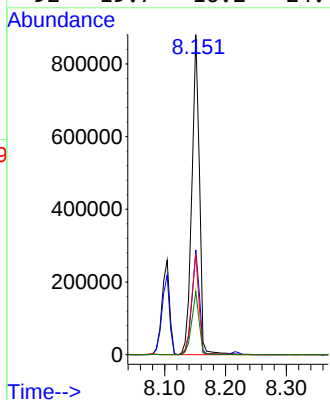
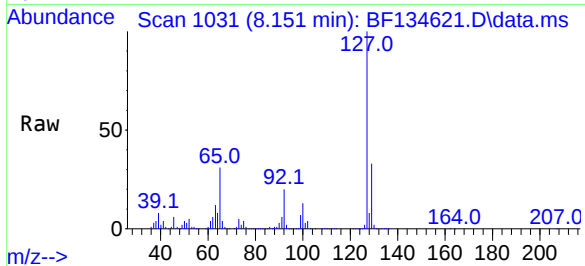
ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 76202  
Ion Ratio Lower Upper  
127 100  
129 32.7 25.6 38.4  
65 31.4 25.4 38.0  
92 19.7 16.2 24.4

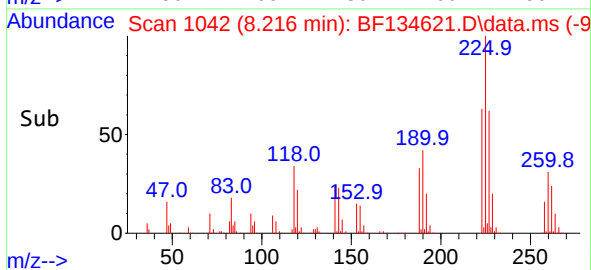
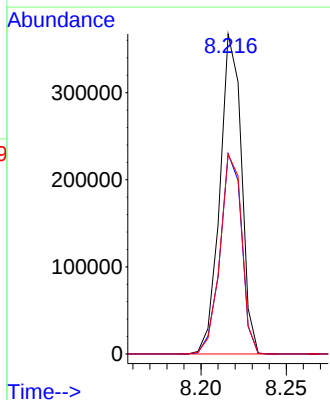
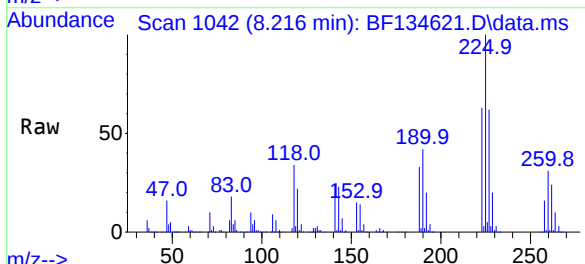
Manual Integrations  
APPROVED

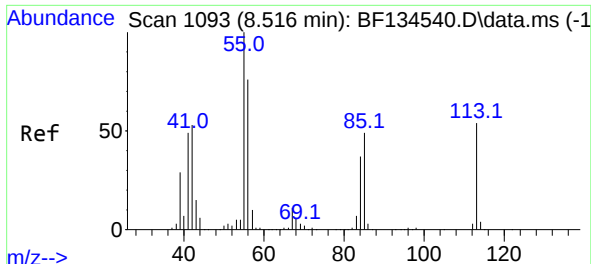
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023



#34  
Hexachlorobutadiene  
Concen: 39.923 ng  
RT: 8.216 min Scan# 1042  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

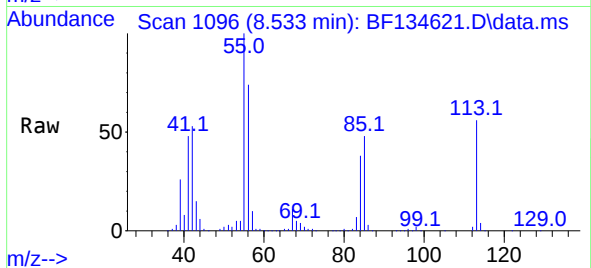
Tgt Ion:225 Resp: 322154  
Ion Ratio Lower Upper  
225 100  
223 62.6 48.2 72.4  
227 62.3 48.5 72.7





#35  
Caprolactam  
Concen: 39.304 ng m  
RT: 8.533 min Scan# 1096  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

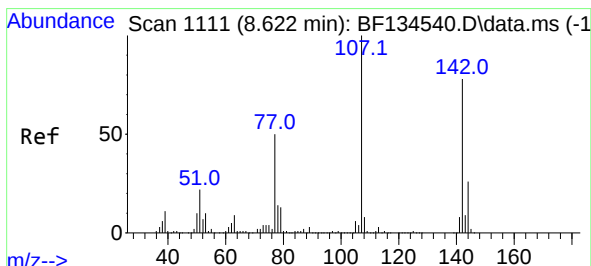
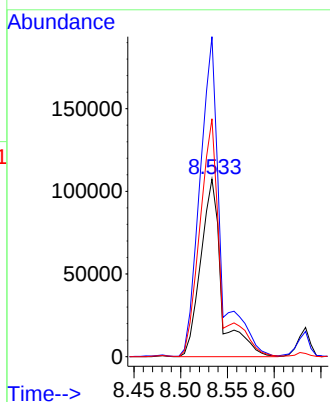
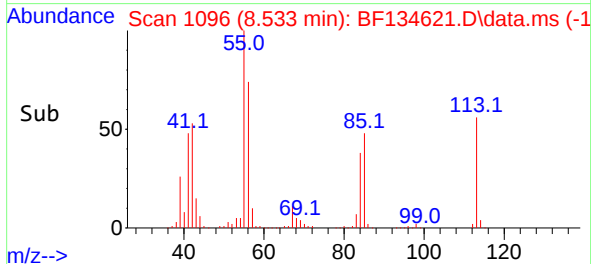
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



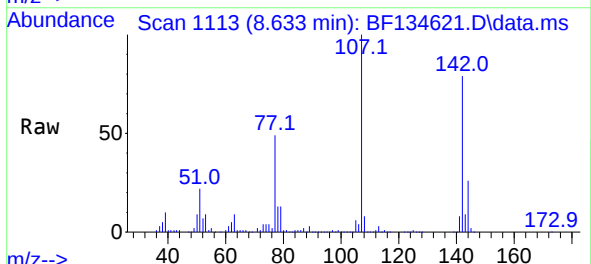
Tgt Ion:113 Resp: 166350  
Ion Ratio Lower Upper  
113 100  
55 180.1 161.5 201.5  
56 134.0 117.8 157.8

Manual Integrations  
APPROVED

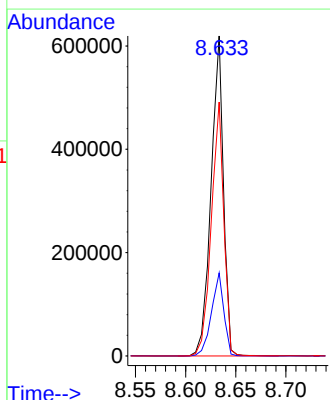
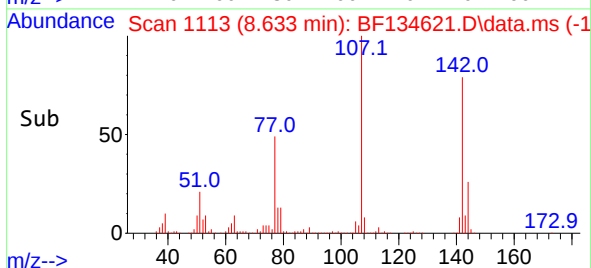
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023

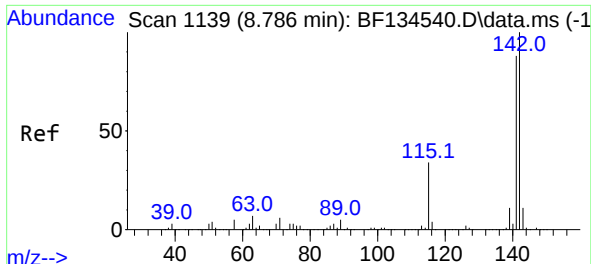


#36  
4-Chloro-3-methylphenol  
Concen: 38.427 ng  
RT: 8.633 min Scan# 1113  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59



Tgt Ion:107 Resp: 533874  
Ion Ratio Lower Upper  
107 100  
144 25.9 19.6 29.4  
142 79.3 57.7 86.5





#37  
2-Methylnaphthalene  
Concen: 37.767 ng  
RT: 8.792 min Scan# 1139  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Instrument :

BNA\_F

ClientSampleId :

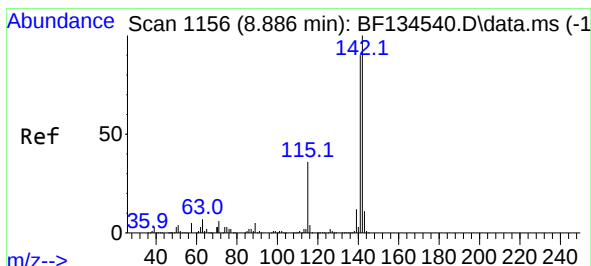
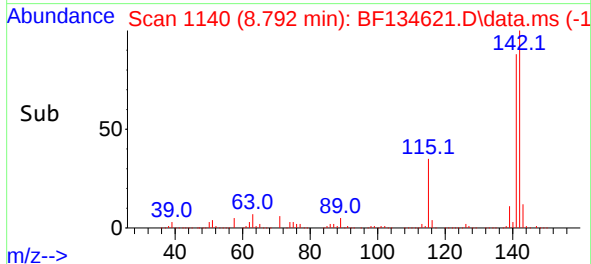
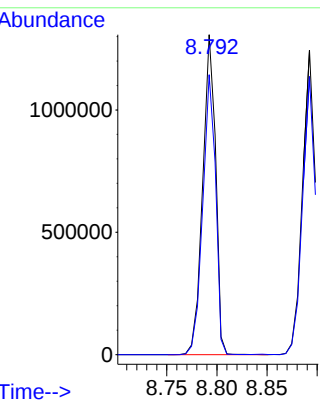
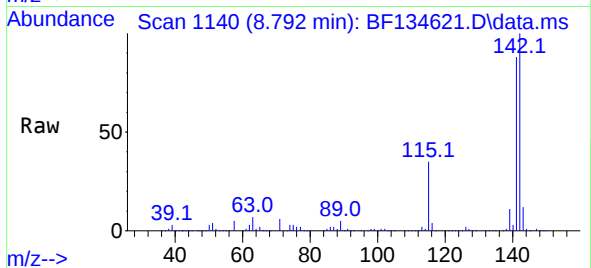
SSTDCCC040

Tgt Ion:142 Resp: 1167730  
Ion Ratio Lower Upper  
142 100  
141 87.5 70.8 106.2

Manual Integrations

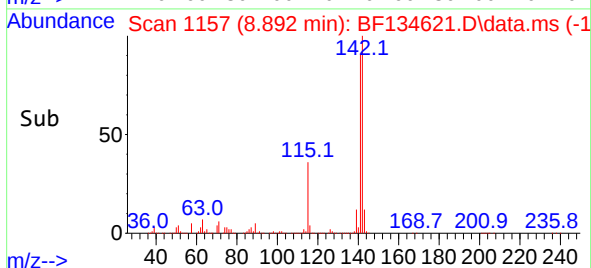
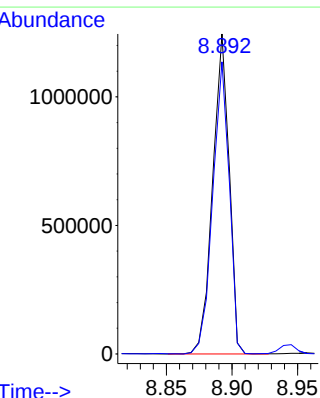
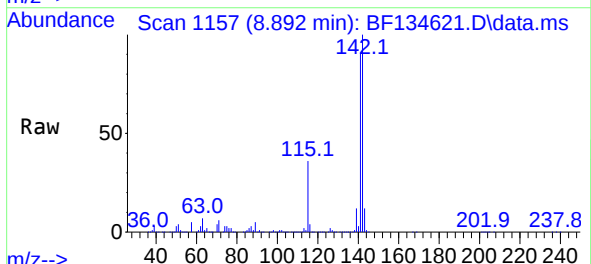
APPROVED

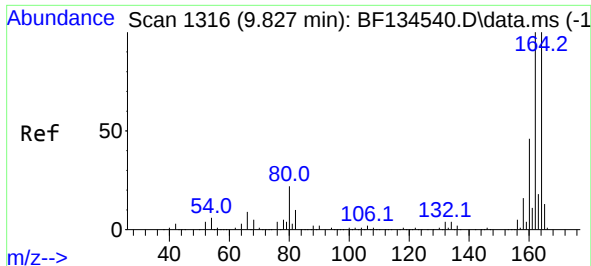
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023



#38  
1-Methylnaphthalene  
Concen: 37.593 ng  
RT: 8.892 min Scan# 1157  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Tgt Ion:142 Resp: 1080868  
Ion Ratio Lower Upper  
142 100  
141 91.3 71.4 107.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF134621.D

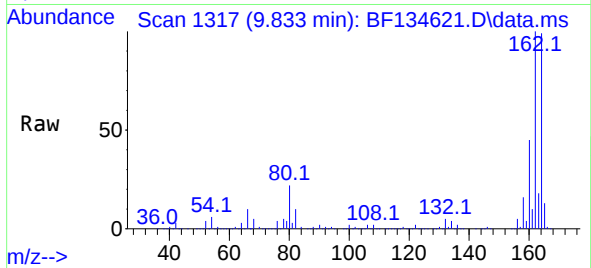
Acq: 04 Aug 2023 08:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 487088

Ion Ratio Lower Upper

164 100

162 100.6 82.6 123.8

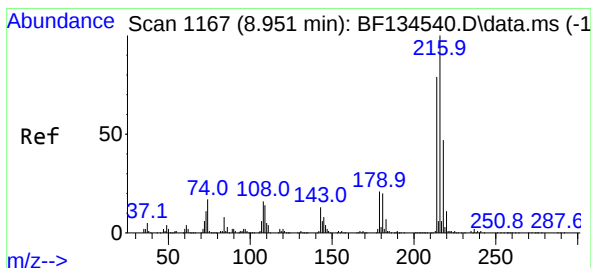
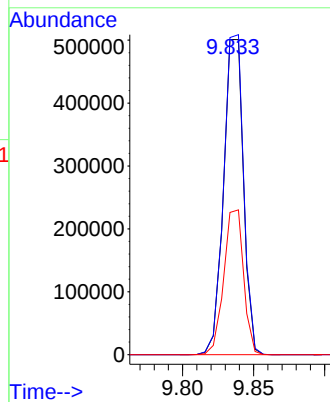
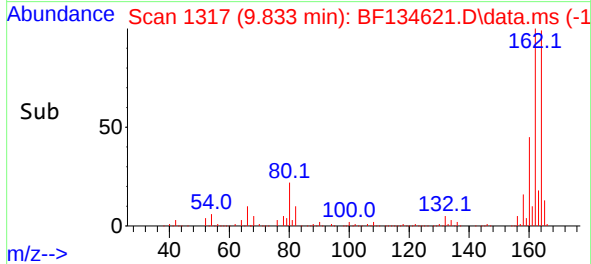
160 45.1 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/07/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.991 ng

RT: 8.957 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF134621.D

Acq: 04 Aug 2023 08:59

Tgt Ion:216 Resp: 538104

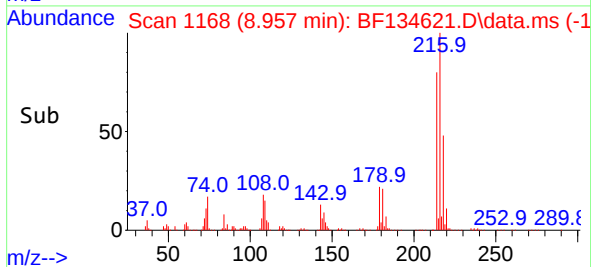
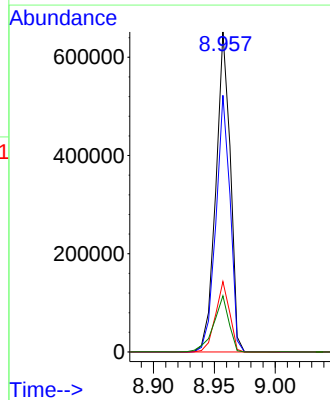
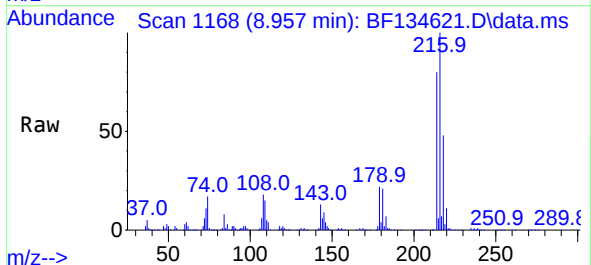
Ion Ratio Lower Upper

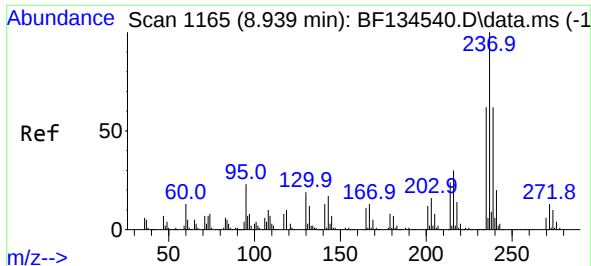
216 100

214 78.8 62.3 93.5

179 21.4 17.4 26.0

108 18.6 14.5 21.7





#41  
Hexachlorocyclopentadiene  
Concen: 38.844 ng  
RT: 8.945 min Scan# 1166  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Instrument :

BNA\_F

ClientSampleId :

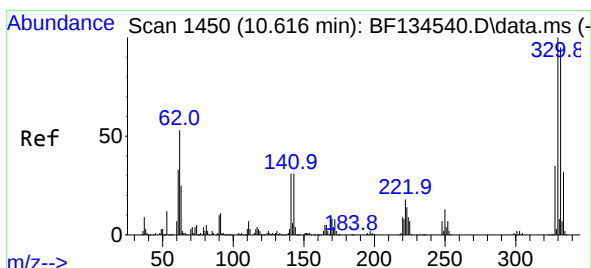
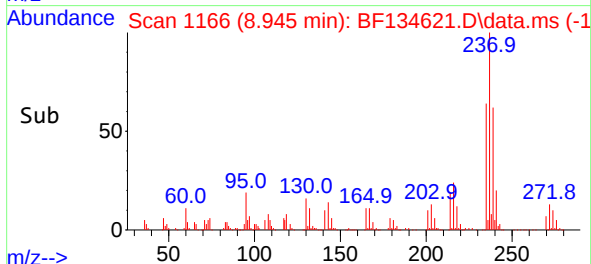
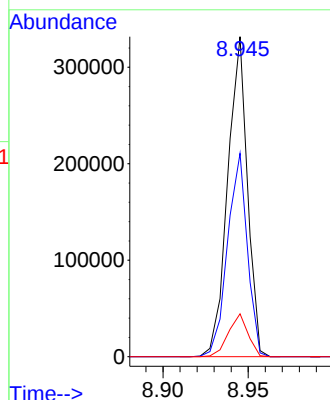
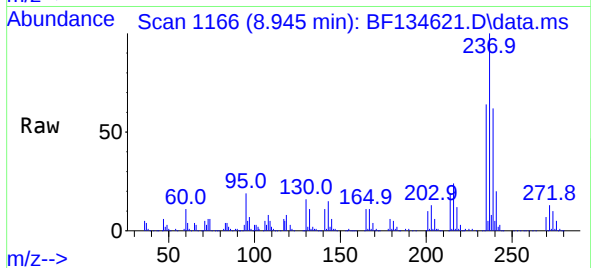
SSTDCCC040

Tgt Ion:237 Resp: 26755  
Ion Ratio Lower Upper  
237 100  
235 63.5 37.0 77.0  
272 13.4 0.0 32.7

Manual Integrations

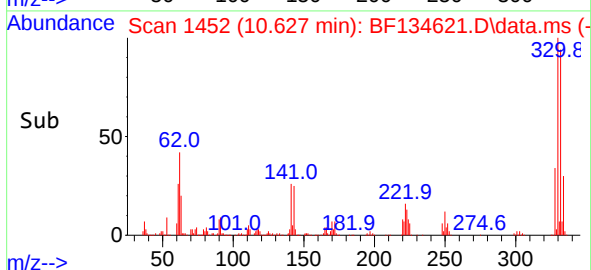
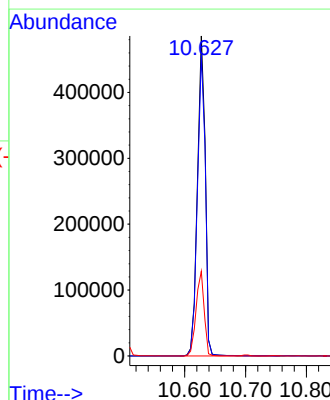
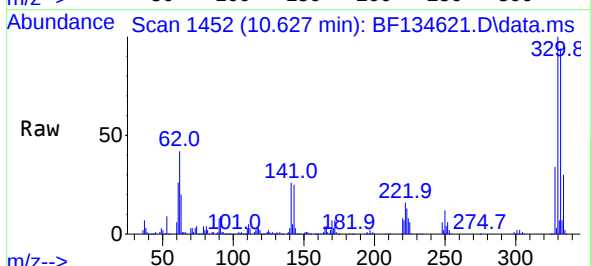
APPROVED

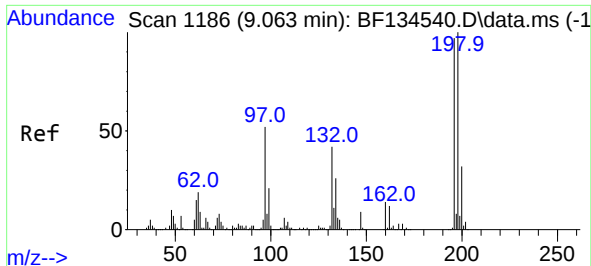
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023



#42  
2,4,6-Tribromophenol  
Concen: 87.270 ng  
RT: 10.627 min Scan# 1452  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Tgt Ion:330 Resp: 433331  
Ion Ratio Lower Upper  
330 100  
332 95.2 78.8 118.2  
141 27.5 25.4 38.2





#43  
2,4,6-Trichlorophenol  
Concen: 39.459 ng  
RT: 9.069 min Scan# 1186  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Instrument :

BNA\_F

ClientSampleId :

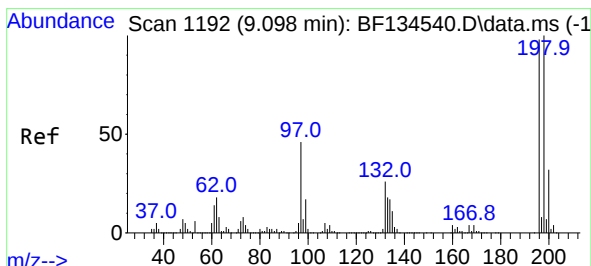
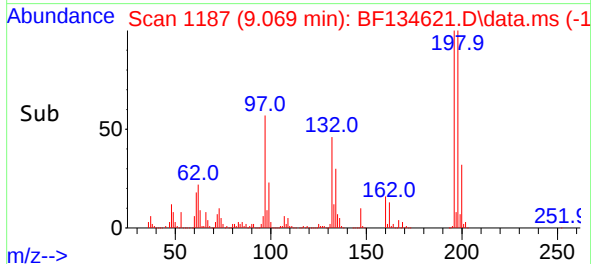
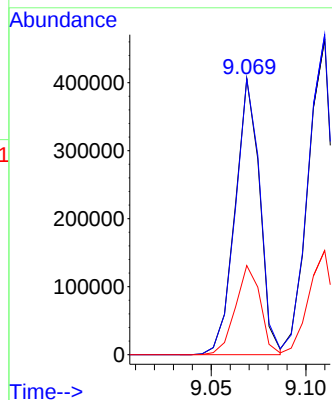
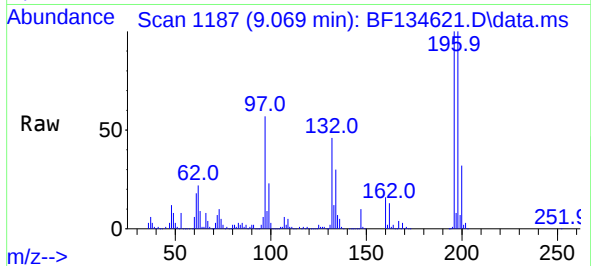
SSTDCCC040

Tgt Ion:196 Resp: 365780  
Ion Ratio Lower Upper  
196 100  
198 100.0 77.4 116.2  
200 32.3 25.4 38.2

Manual Integrations

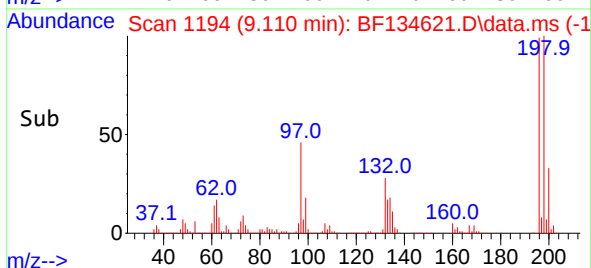
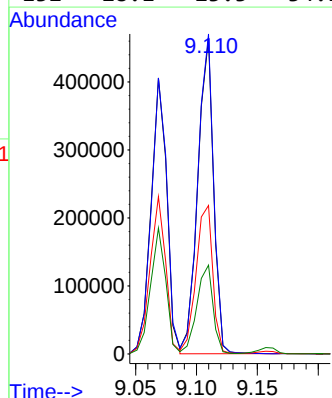
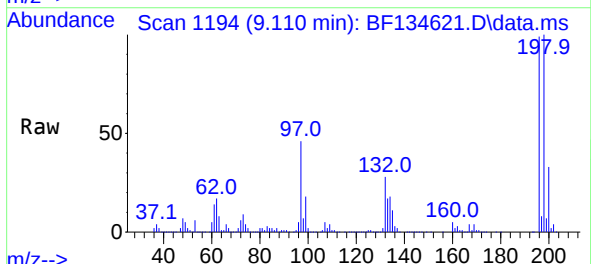
APPROVED

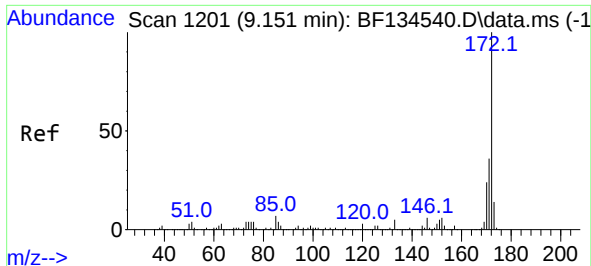
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023



#44  
2,4,5-Trichlorophenol  
Concen: 39.387 ng  
RT: 9.110 min Scan# 1194  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Tgt Ion:196 Resp: 417292  
Ion Ratio Lower Upper  
196 100  
198 101.4 73.0 109.4  
97 47.0 40.8 61.2  
132 28.1 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 72.947 ng

RT: 9.163 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134621.D

Acq: 04 Aug 2023 08:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 213698

Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

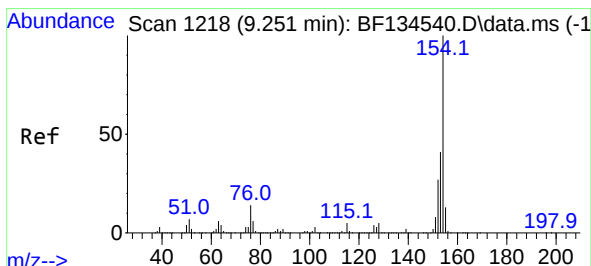
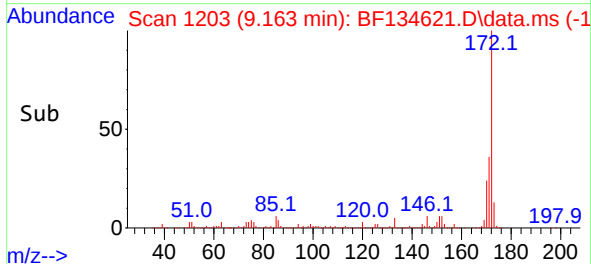
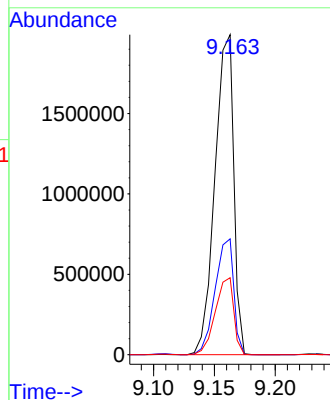
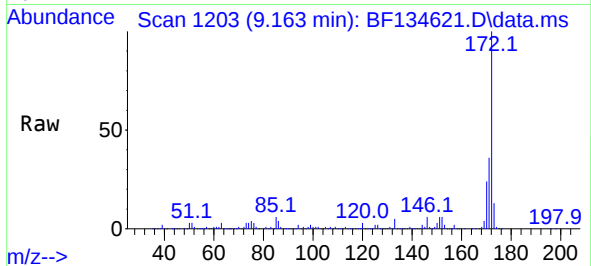
170 24.0 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/07/2023



#46

1,1'-Biphenyl

Concen: 36.357 ng

RT: 9.263 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF134621.D

Acq: 04 Aug 2023 08:59

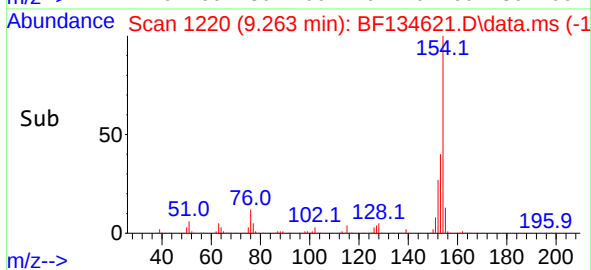
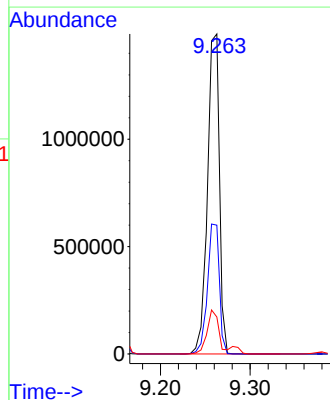
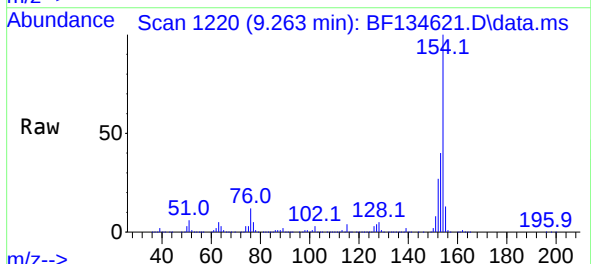
Tgt Ion:154 Resp: 1377098

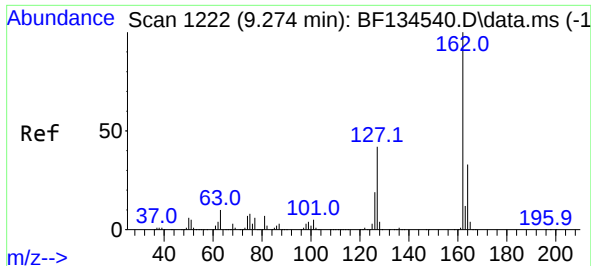
Ion Ratio Lower Upper

154 100

153 40.3 20.8 60.8

76 11.6 0.0 30.2





#47  
2-Chloronaphthalene  
Concen: 36.512 ng  
RT: 9.286 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Instrument :

BNA\_F

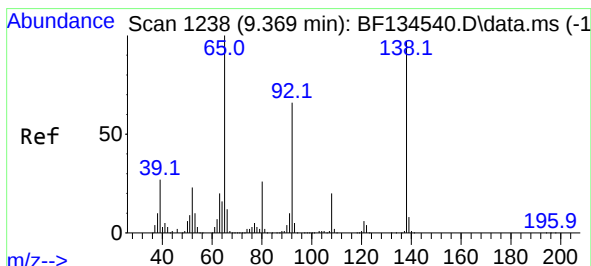
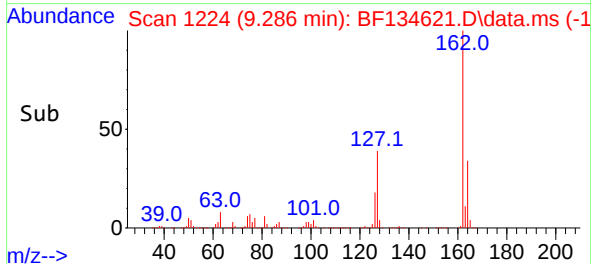
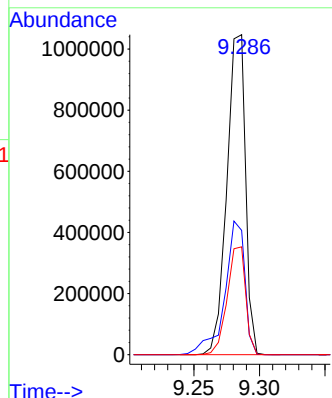
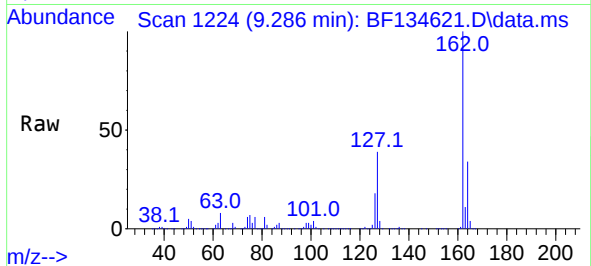
ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 103625  
Ion Ratio Lower Upper  
162 100  
127 38.8 34.0 51.0  
164 33.7 25.7 38.5

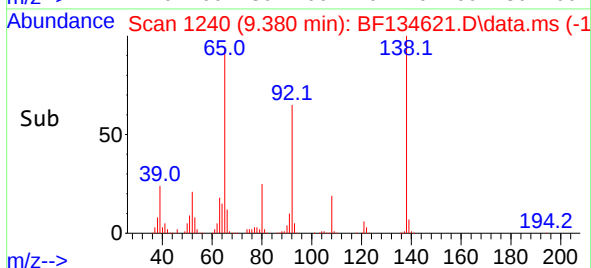
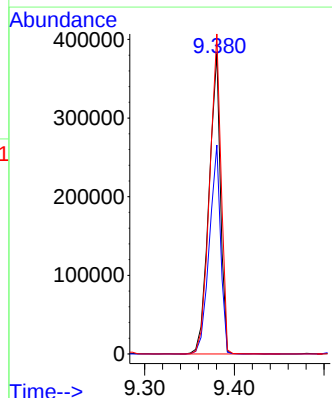
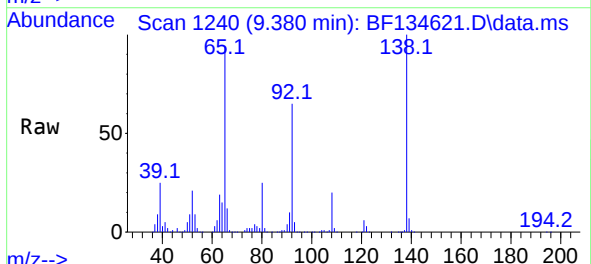
Manual Integrations  
APPROVED

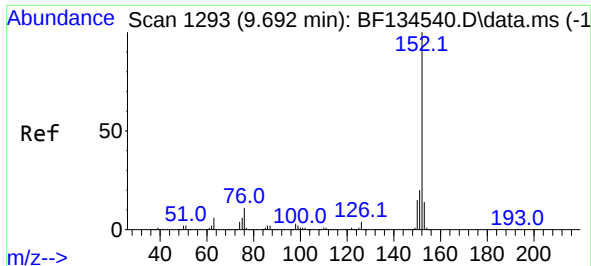
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023



#48  
2-Nitroaniline  
Concen: 39.005 ng  
RT: 9.380 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Tgt Ion: 65 Resp: 339508  
Ion Ratio Lower Upper  
65 100  
92 69.6 50.7 76.1  
138 106.5 78.2 117.4





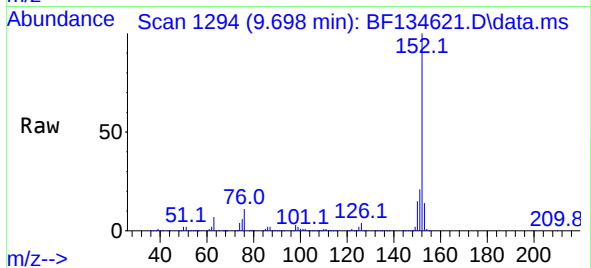
#49  
Acenaphthylene  
Concen: 36.262 ng  
RT: 9.698 min Scan# 1293  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

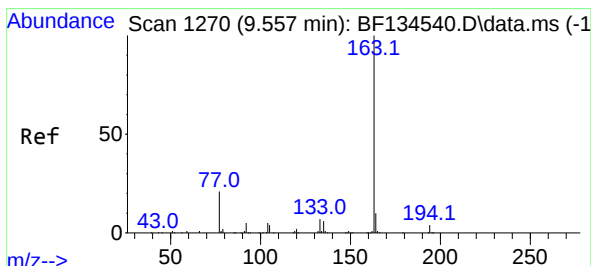
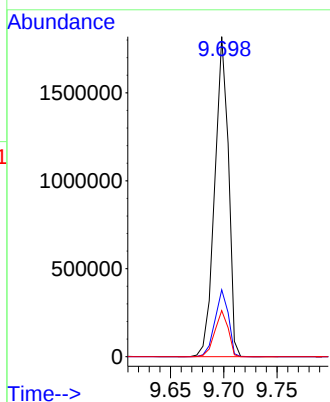
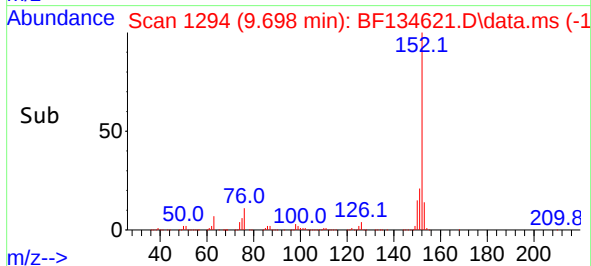


Tgt Ion:152 Resp: 1617769  
Ion Ratio Lower Upper  
152 100  
151 20.9 16.4 24.6  
153 14.4 10.9 16.3

Manual Integrations

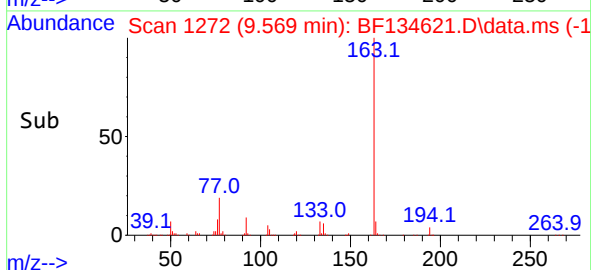
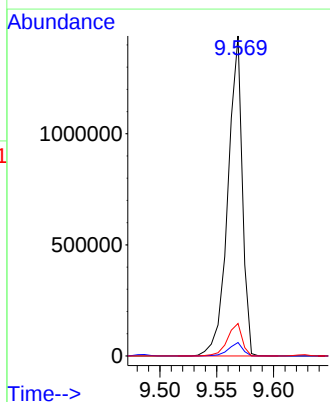
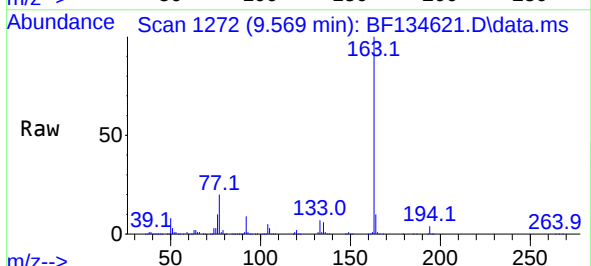
APPROVED

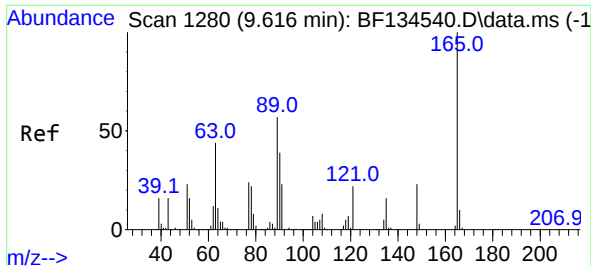
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023



#50  
Dimethylphthalate  
Concen: 38.281 ng  
RT: 9.569 min Scan# 1272  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Tgt Ion:163 Resp: 1270874  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.3 4.9  
164 10.2 7.5 11.3





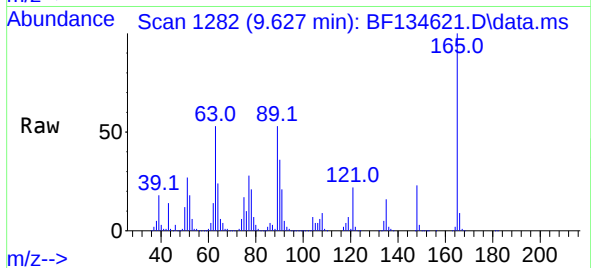
#51  
2,6-Dinitrotoluene  
Concen: 40.187 ng  
RT: 9.627 min Scan# 1282  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

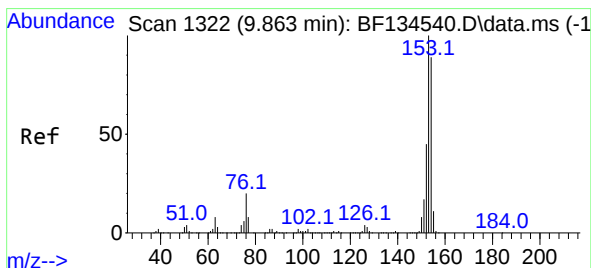
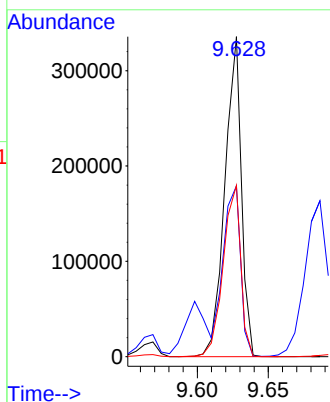
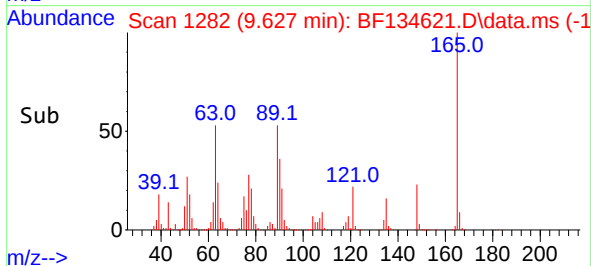


Tgt Ion:165 Resp: 270440  
Ion Ratio Lower Upper  
165 100  
63 53.4 57.8 86.6  
89 53.5 51.8 77.8

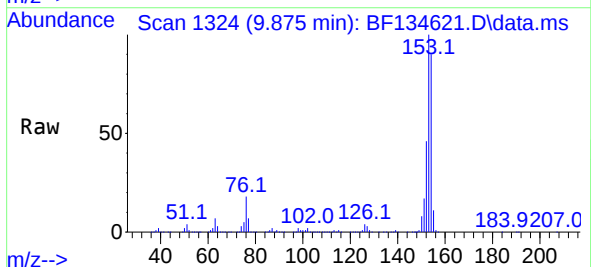
Manual Integrations

APPROVED

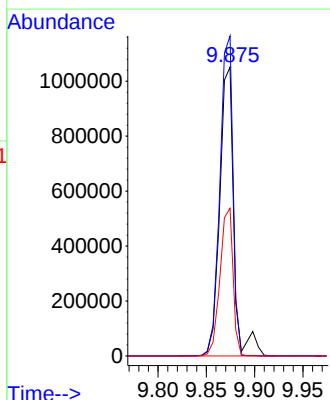
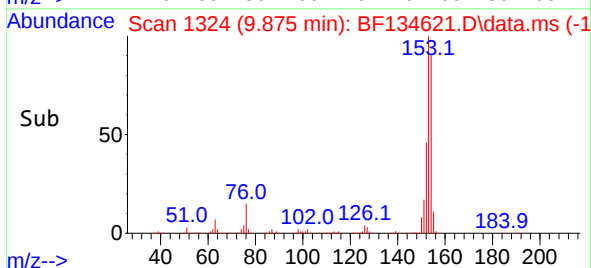
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023

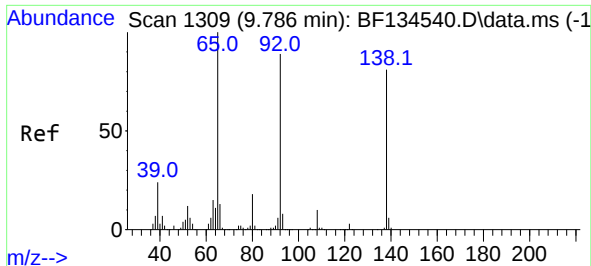


#52  
Acenaphthene  
Concen: 36.895 ng m  
RT: 9.875 min Scan# 1324  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59



Tgt Ion:154 Resp: 1066672  
Ion Ratio Lower Upper  
154 100  
153 110.8 90.0 135.0  
152 51.1 42.4 63.6





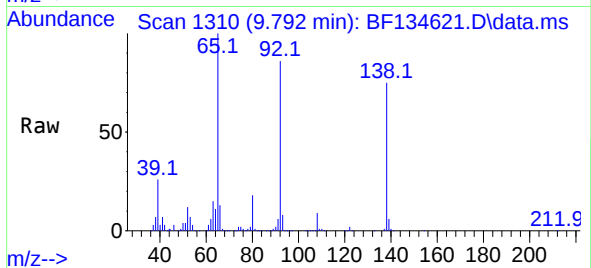
#53  
3-Nitroaniline  
Concen: 42.987 ng  
RT: 9.792 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

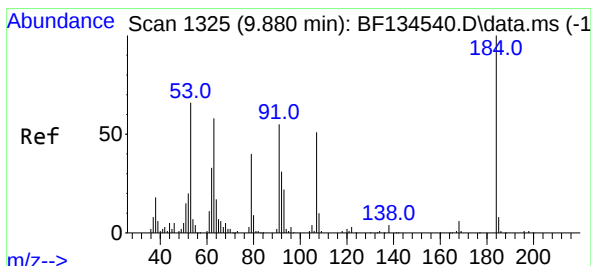
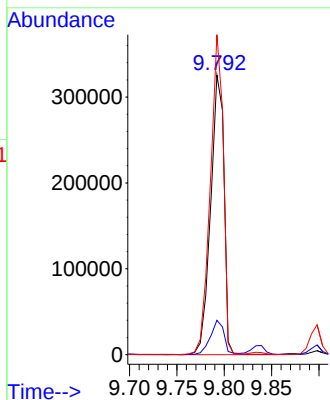
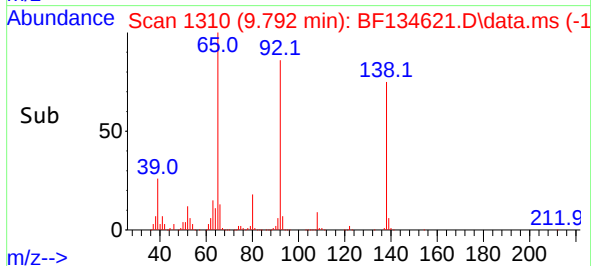


Tgt Ion:138 Resp: 31808  
Ion Ratio Lower Upper  
138 100  
108 12.3 9.3 13.9  
92 114.4 86.6 129.8

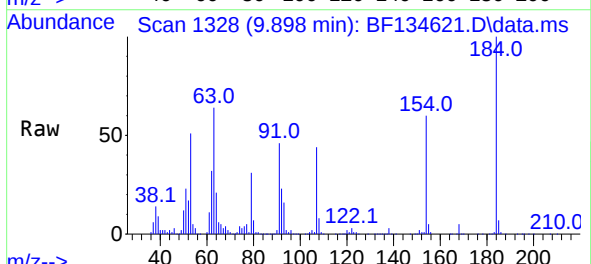
Manual Integrations

APPROVED

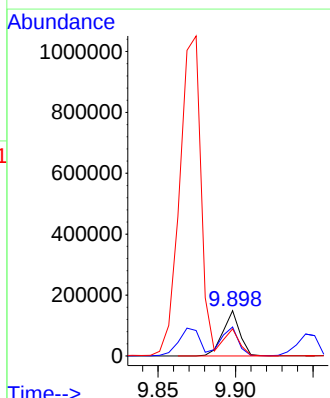
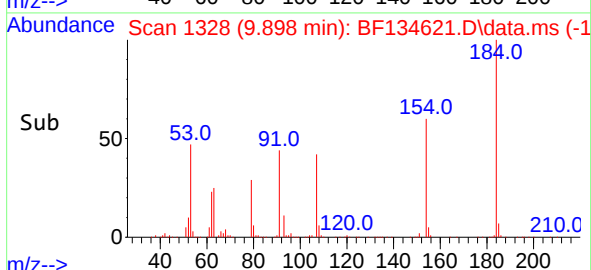
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023

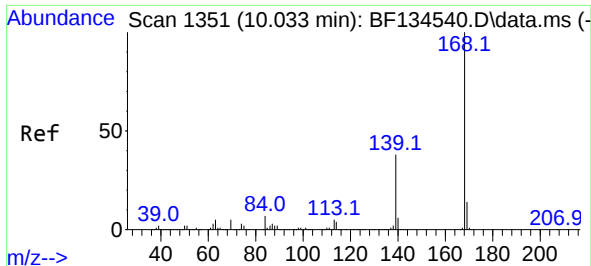


#54  
2,4-Dinitrophenol  
Concen: 50.699 ng  
RT: 9.898 min Scan# 1328  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59



Tgt Ion:184 Resp: 113139  
Ion Ratio Lower Upper  
184 100  
63 64.2 57.1 85.7  
154 59.8 59.1 88.7





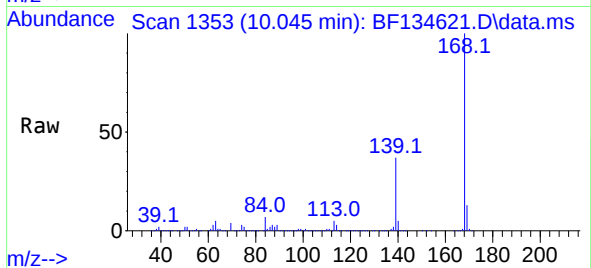
#55  
Dibenzenofuran  
Concen: 36.376 ng  
RT: 10.045 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

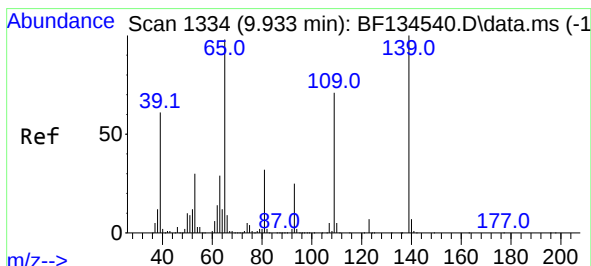
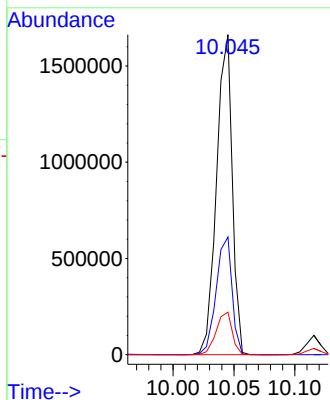
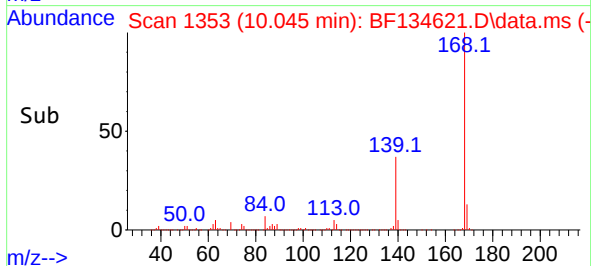


Tgt Ion:168 Resp: 1497129  
Ion Ratio Lower Upper  
168 100  
139 36.8 33.4 50.2  
169 13.3 10.6 15.8

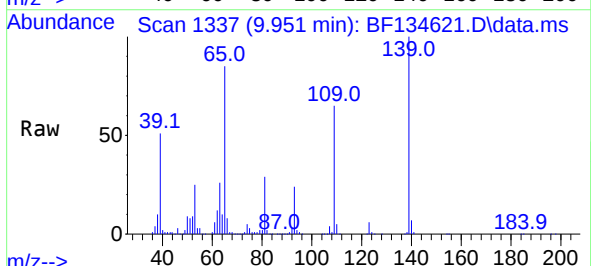
Manual Integrations

APPROVED

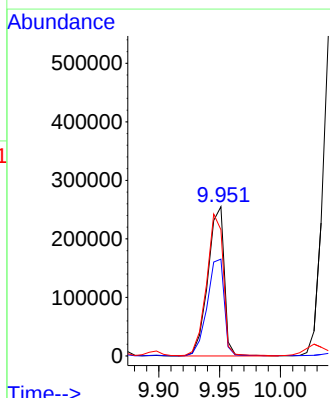
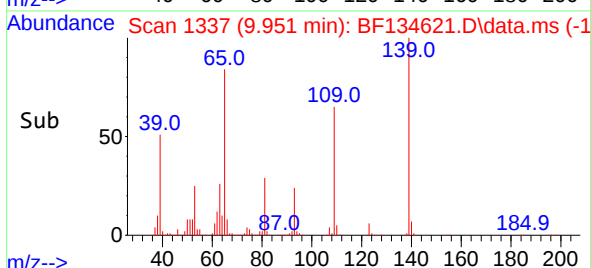
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023

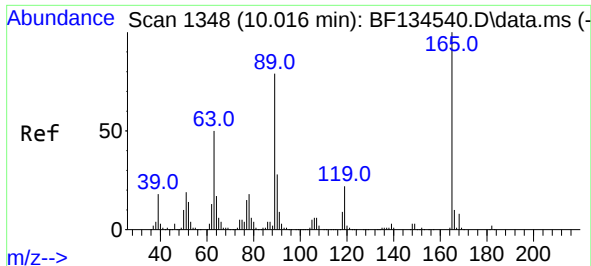


#56  
4-Nitrophenol  
Concen: 39.132 ng  
RT: 9.951 min Scan# 1337  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59



Tgt Ion:139 Resp: 236826  
Ion Ratio Lower Upper  
139 100  
109 64.8 76.9 116.9#  
65 84.6 98.5 138.5#





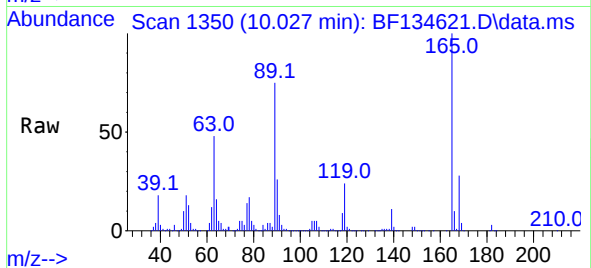
#57  
2,4-Dinitrotoluene  
Concen: 41.853 ng  
RT: 10.027 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

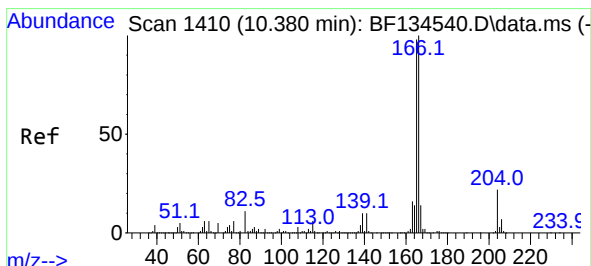
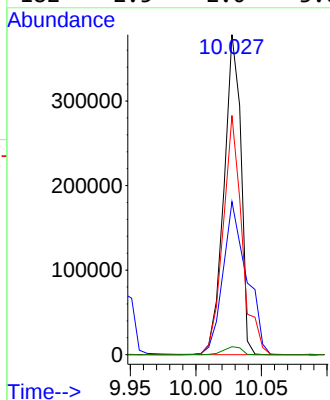
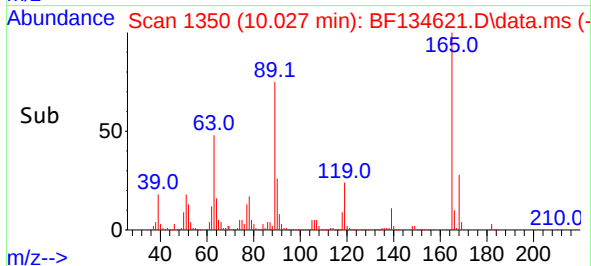


Tgt Ion:165 Resp: 340664  
Ion Ratio Lower Upper  
165 100  
63 47.8 48.9 73.3  
89 74.8 61.7 92.5  
182 2.5 2.0 3.0

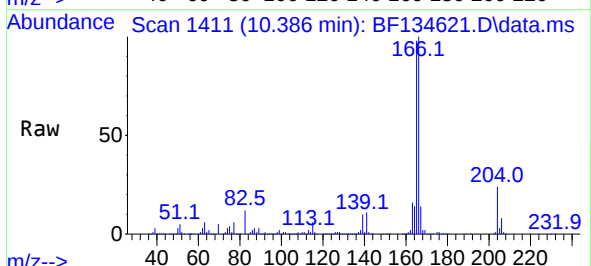
Manual Integrations

APPROVED

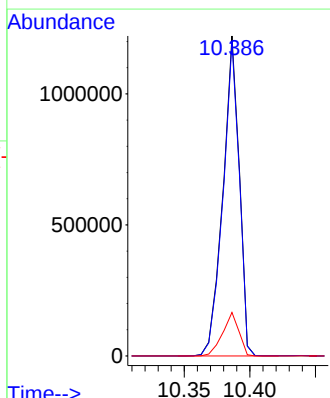
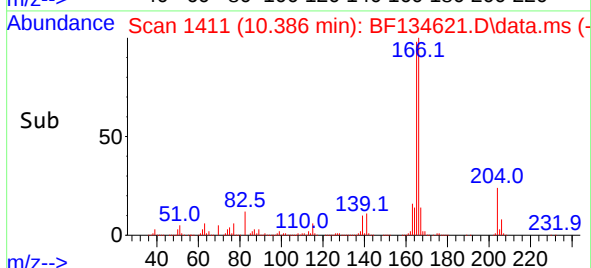
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023

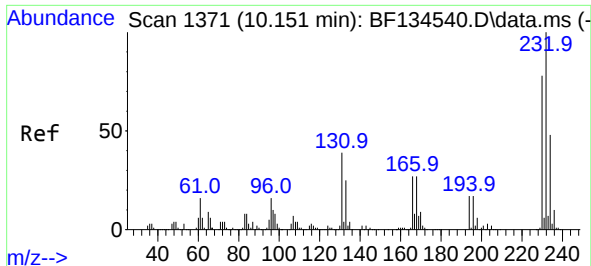


#58  
Fluorene  
Concen: 35.209 ng  
RT: 10.386 min Scan# 1411  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59



Tgt Ion:166 Resp: 1055476  
Ion Ratio Lower Upper  
166 100  
165 98.2 74.5 111.7  
167 13.6 10.6 16.0





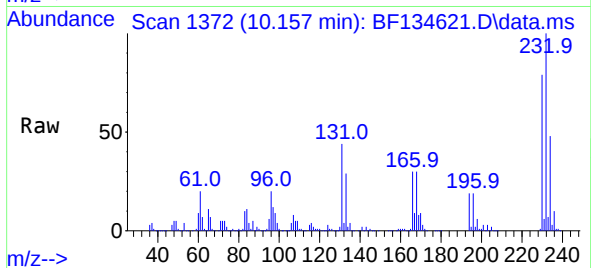
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.046 ng  
RT: 10.157 min Scan# 1372  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

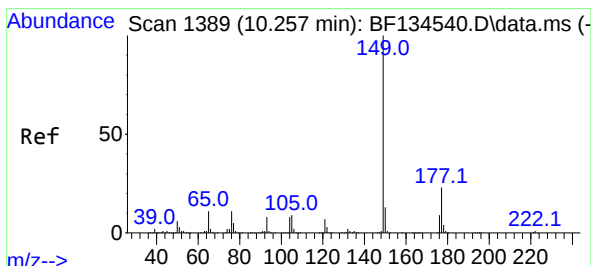
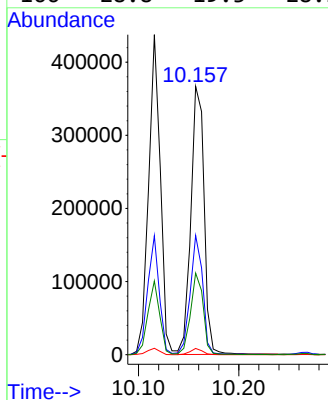
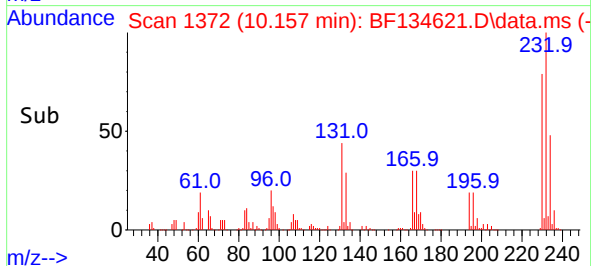


Tgt Ion:232 Resp: 335661  
Ion Ratio Lower Upper  
232 100  
131 41.9 33.4 50.0  
130 2.1 1.8 2.6  
166 28.8 19.3 28.9

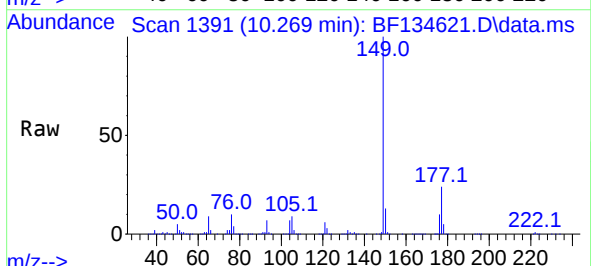
Manual Integrations

APPROVED

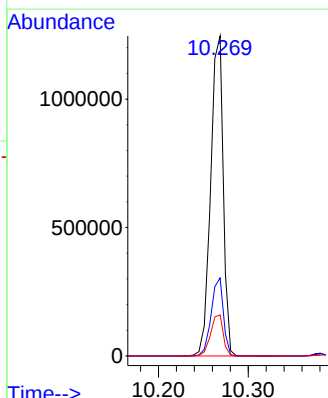
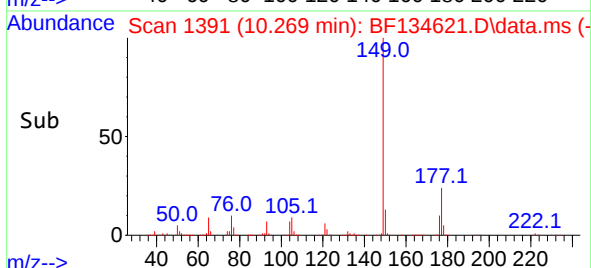
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023

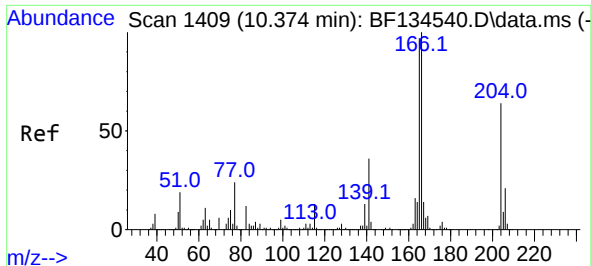


#60  
Diethylphthalate  
Concen: 38.474 ng  
RT: 10.269 min Scan# 1391  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59



Tgt Ion:149 Resp: 1210689  
Ion Ratio Lower Upper  
149 100  
177 24.4 17.0 25.4  
150 12.9 9.9 14.9





#61  
4-Chlorophenyl-phenylether  
Concen: 37.070 ng  
RT: 10.380 min Scan# 1410  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Instrument :

BNA\_F

ClientSampleId :

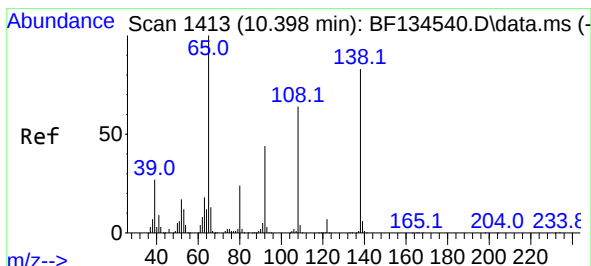
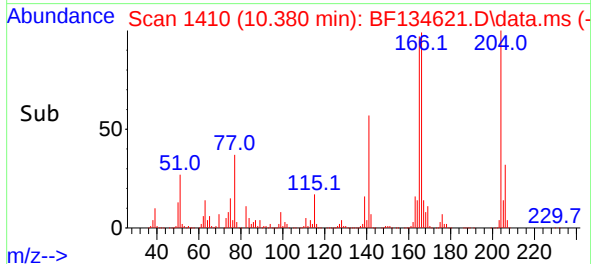
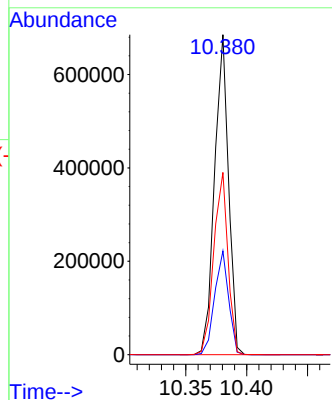
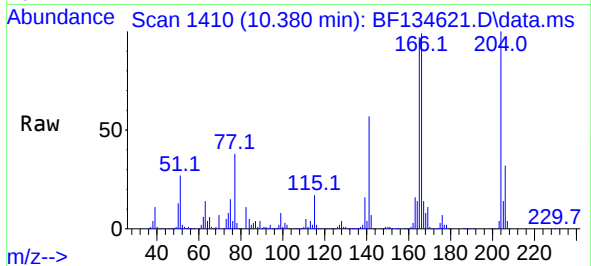
SSTDCCC040

Tgt Ion:204 Resp: 546228  
Ion Ratio Lower Upper  
204 100  
206 32.4 26.0 39.0  
141 56.9 52.2 78.4

Manual Integrations

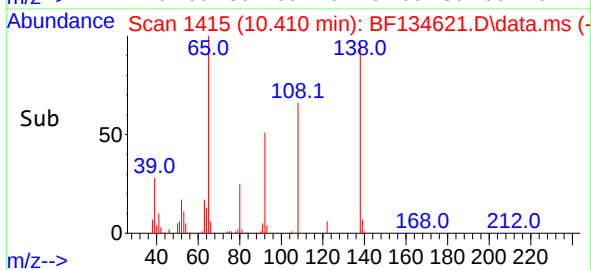
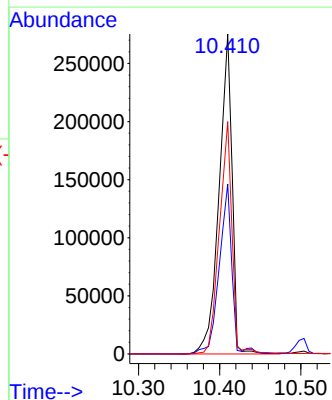
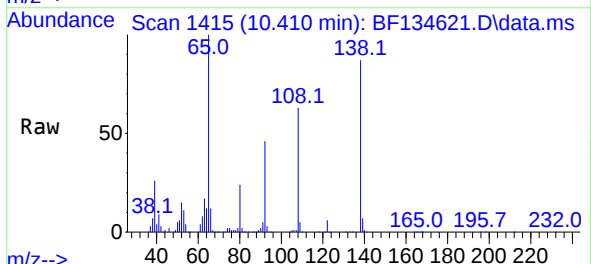
APPROVED

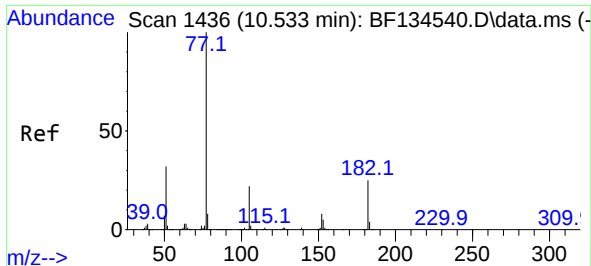
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023



#62  
4-Nitroaniline  
Concen: 42.430 ng  
RT: 10.410 min Scan# 1415  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

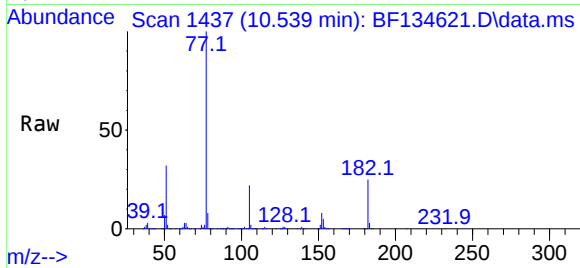
Tgt Ion:138 Resp: 307733  
Ion Ratio Lower Upper  
138 100  
92 53.1 27.0 67.0  
108 72.6 70.4 110.4





#63  
Azobenzene  
Concen: 36.691 ng  
RT: 10.539 min Scan# 1436  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

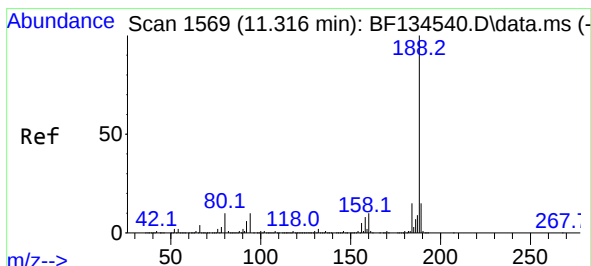
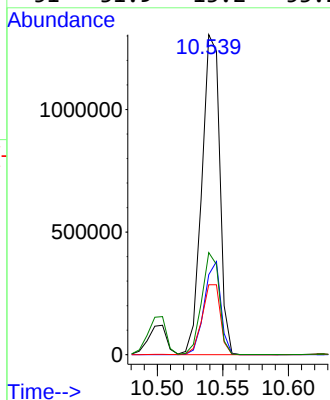
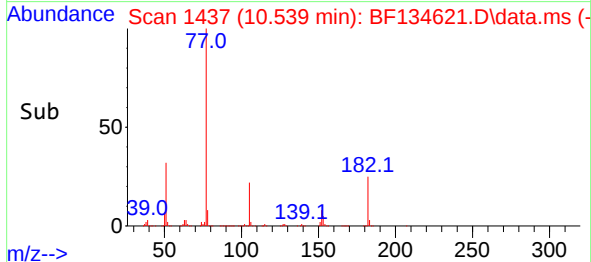
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



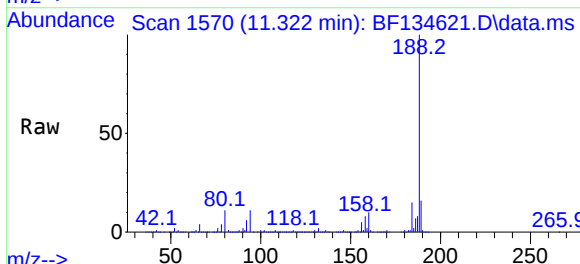
Tgt Ion: 77 Resp: 1240502  
Ion Ratio Lower Upper  
77 100  
182 25.0 7.5 47.5  
105 21.8 1.9 41.9  
51 31.9 13.2 53.2

Manual Integrations  
APPROVED

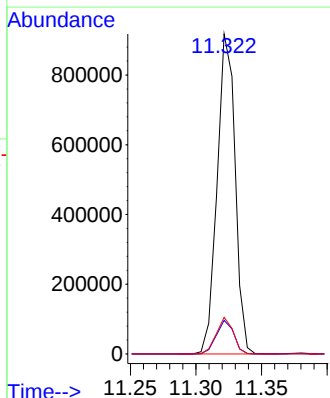
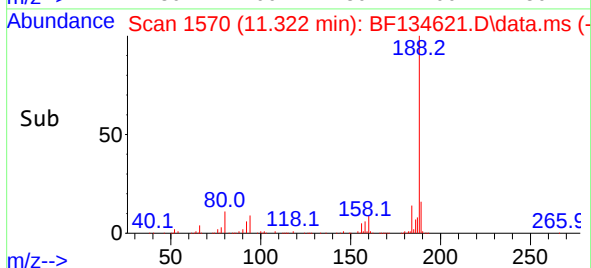
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023

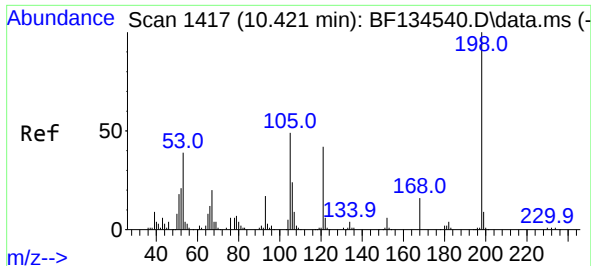


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.322 min Scan# 1570  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59



Tgt Ion:188 Resp: 873956  
Ion Ratio Lower Upper  
188 100  
94 10.5 5.1 7.7#  
80 11.5 6.6 9.8#





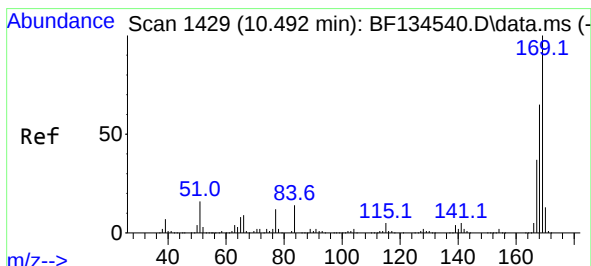
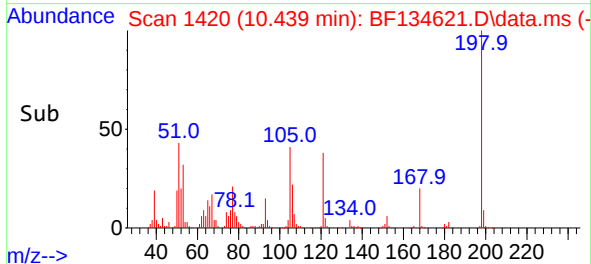
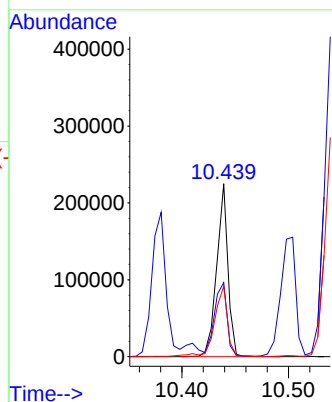
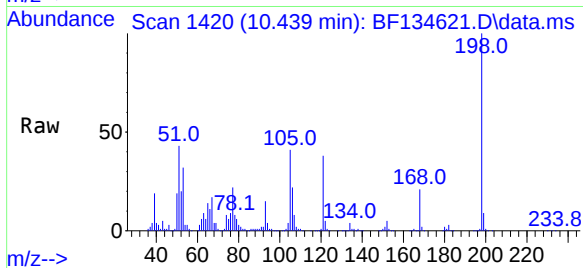
#65  
4,6-Dinitro-2-methylphenol  
Concen: 46.859 ng  
RT: 10.439 min Scan# 1417  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:198 Resp: 164629  
Ion Ratio Lower Upper  
198 100  
51 42.8 38.6 78.6  
105 40.7 27.9 67.9

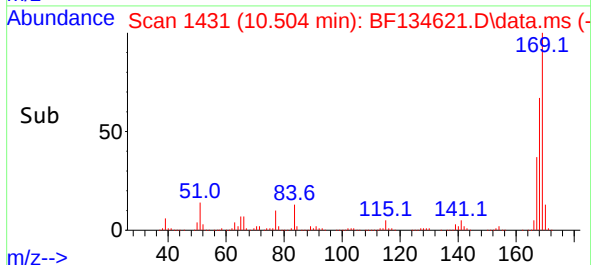
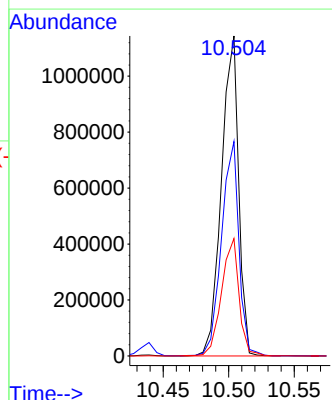
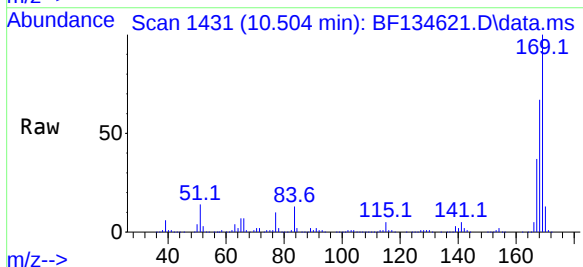
Manual Integrations  
APPROVED

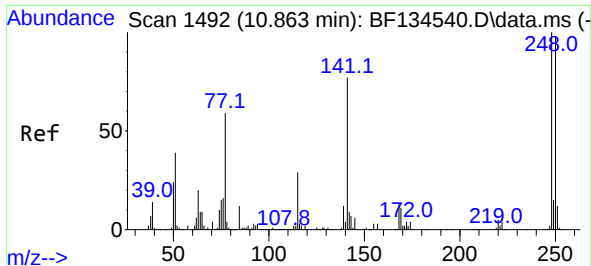
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023



#66  
n-Nitrosodiphenylamine  
Concen: 37.350 ng  
RT: 10.504 min Scan# 1431  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Tgt Ion:169 Resp: 1038978  
Ion Ratio Lower Upper  
169 100  
168 67.0 52.6 78.8  
167 36.7 29.8 44.8





#67  
4-Bromophenyl-phenylether  
Concen: 40.949 ng  
RT: 10.869 min Scan# 1492  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Instrument :

BNA\_F

ClientSampleId :

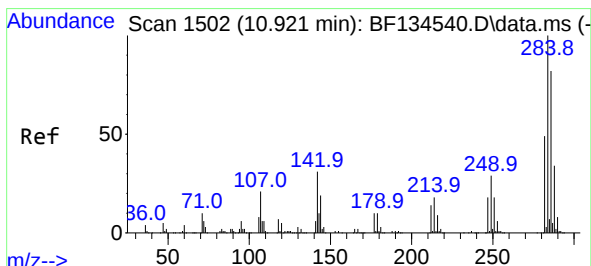
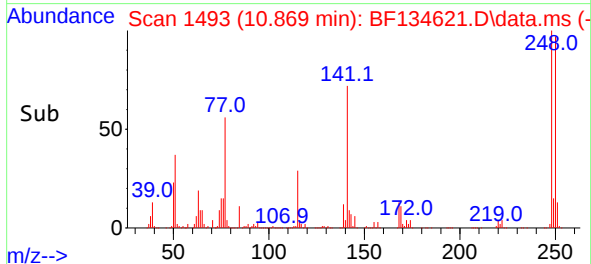
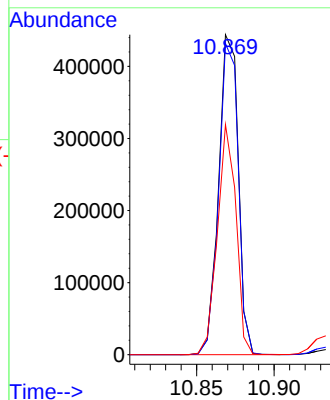
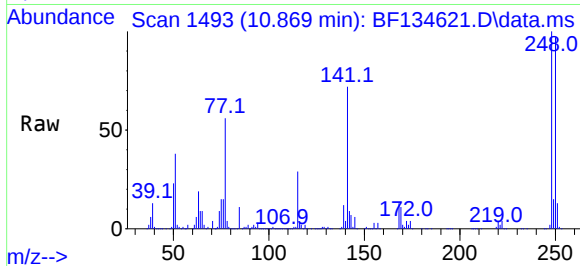
SSTDCCC040

Tgt Ion:248 Resp: 391768  
Ion Ratio Lower Upper  
248 100  
250 97.3 79.6 119.4  
141 71.9 59.6 89.4

Manual Integrations

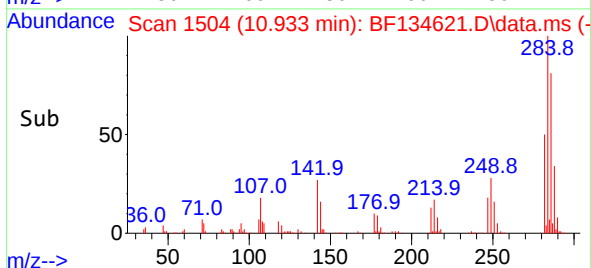
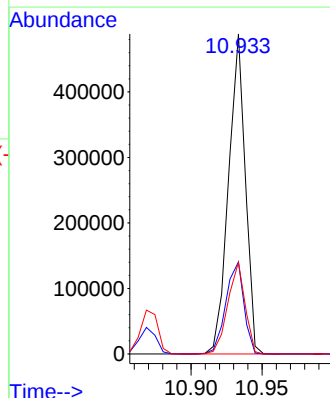
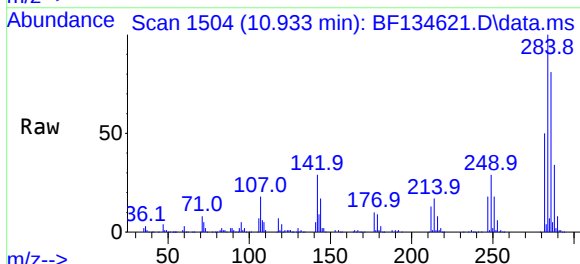
APPROVED

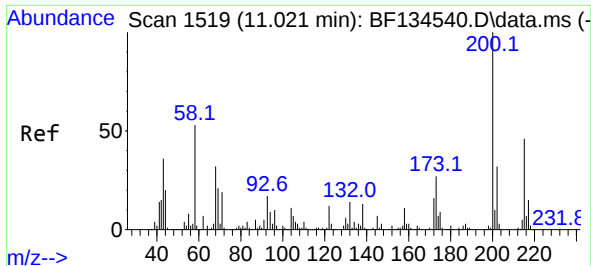
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023



#68  
Hexachlorobenzene  
Concen: 39.727 ng  
RT: 10.933 min Scan# 1504  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

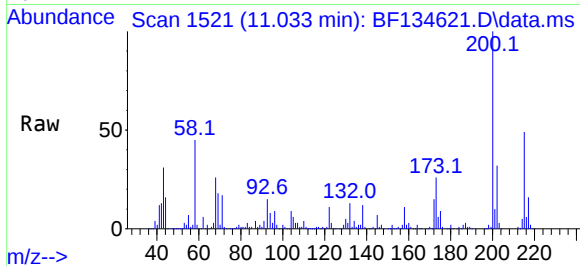
Tgt Ion:284 Resp: 401349  
Ion Ratio Lower Upper  
284 100  
142 28.8 26.5 39.7  
249 28.7 23.8 35.8





#69  
Atrazine  
Concen: 41.260 ng  
RT: 11.033 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

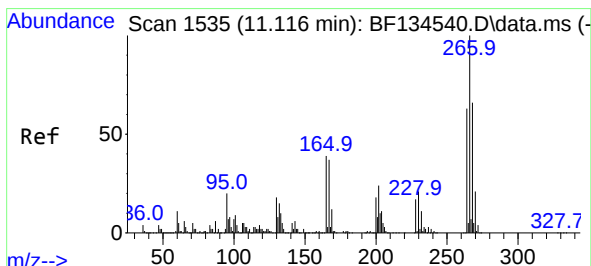
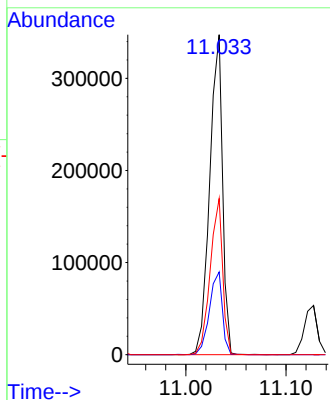
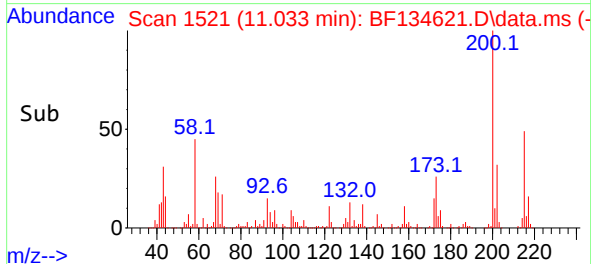
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



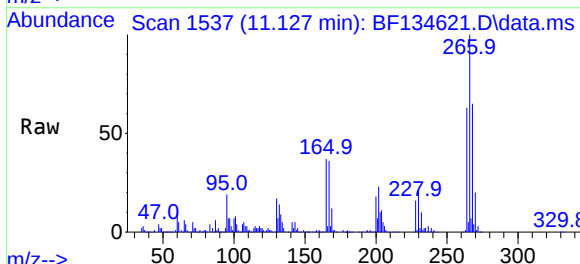
Tgt Ion:200 Resp: 30935  
Ion Ratio Lower Upper  
200 100  
173 25.9 6.1 46.1  
215 48.8 29.7 69.7

Manual Integrations  
APPROVED

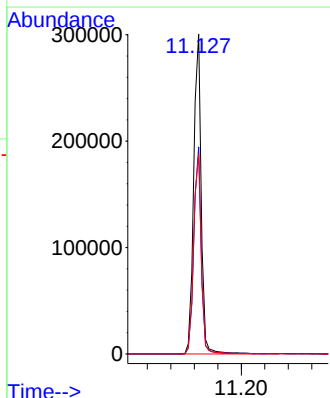
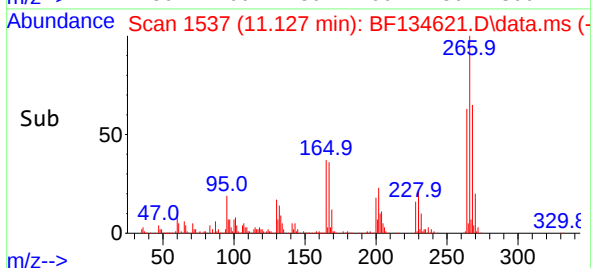
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023

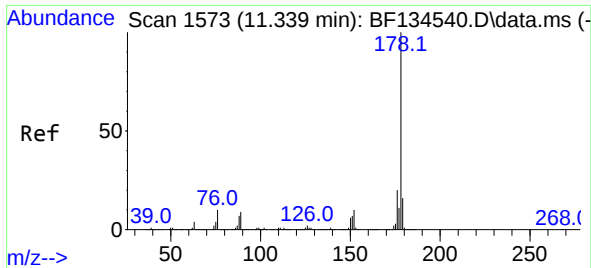


#70  
Pentachlorophenol  
Concen: 42.997 ng  
RT: 11.127 min Scan# 1537  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59



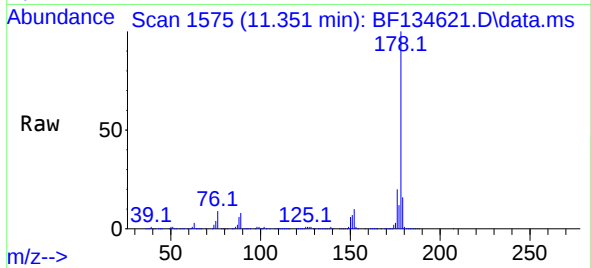
Tgt Ion:266 Resp: 268957  
Ion Ratio Lower Upper  
266 100  
268 64.7 52.9 79.3  
264 62.6 47.8 71.6





#71  
Phenanthrene  
Concen: 36.447 ng  
RT: 11.351 min Scan# 1573  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

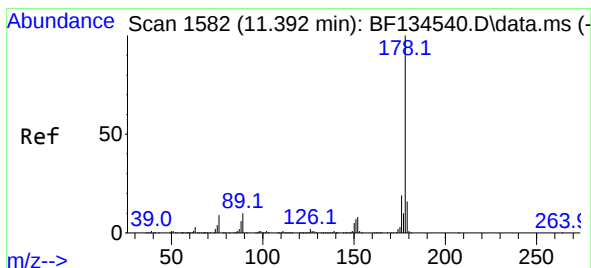
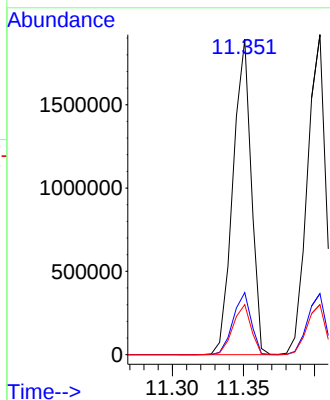
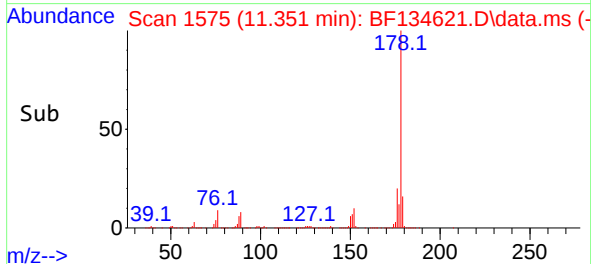
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



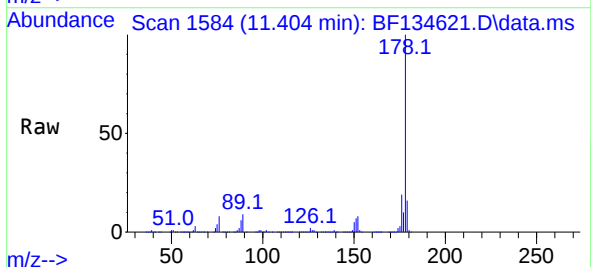
Tgt Ion:178 Resp: 1691911  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.8 23.6  
179 15.9 12.7 19.1

Manual Integrations  
APPROVED

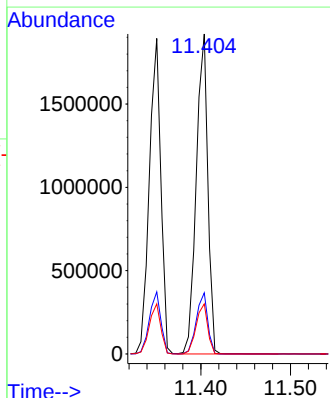
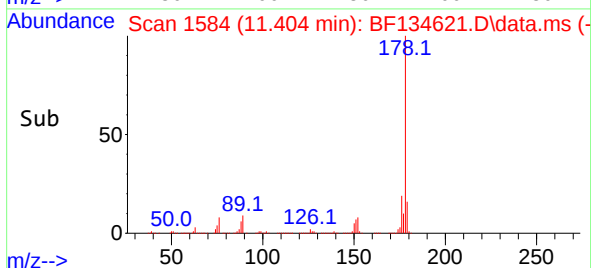
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023

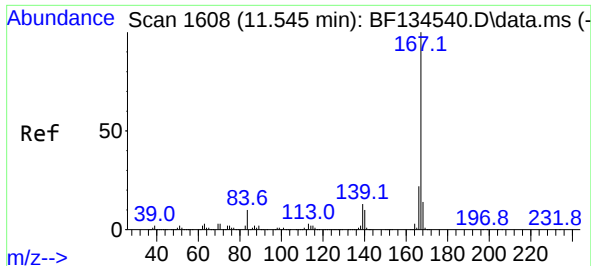


#72  
Anthracene  
Concen: 36.197 ng  
RT: 11.404 min Scan# 1584  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59



Tgt Ion:178 Resp: 1716329  
Ion Ratio Lower Upper  
178 100  
176 19.1 14.6 21.8  
179 15.7 12.3 18.5





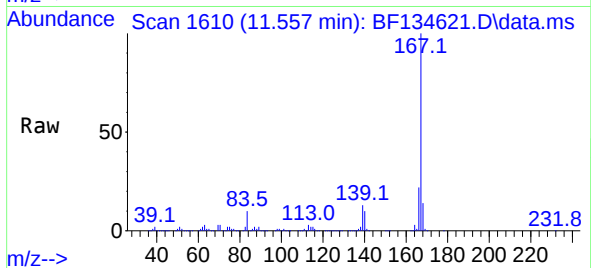
#73  
 Carbazole  
 Concen: 35.441 ng  
 RT: 11.557 min Scan# 1610  
 Delta R.T. 0.000 min  
 Lab File: BF134621.D  
 Acq: 04 Aug 2023 08:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



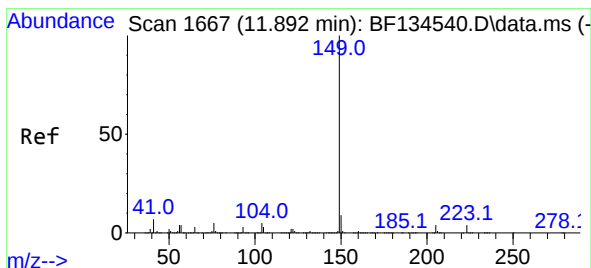
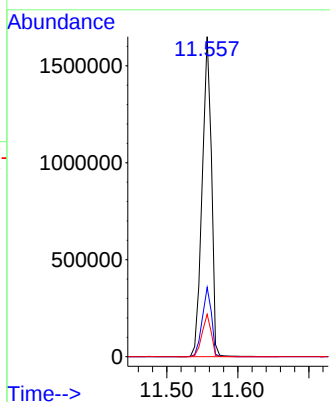
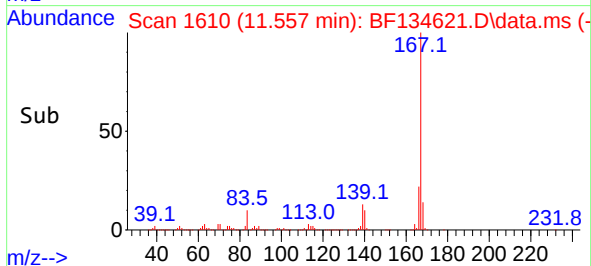
Tgt Ion:167 Resp: 1500459  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 17.5 26.3  
 139 13.3 11.0 16.4

Manual Integrations

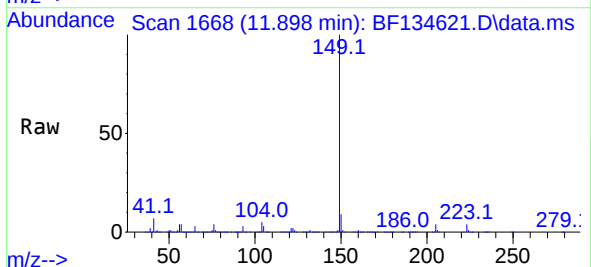
APPROVED

Reviewed By :Yogesh Patel 08/07/2023

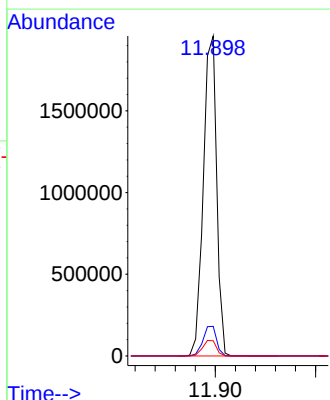
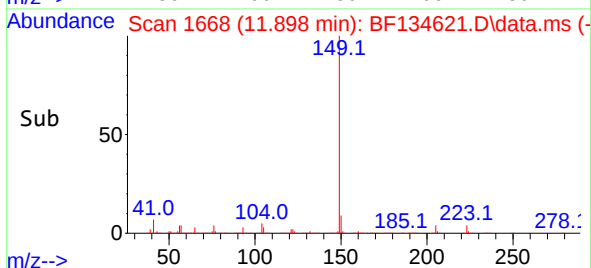
Supervised By :mohammad ahmed 08/07/2023

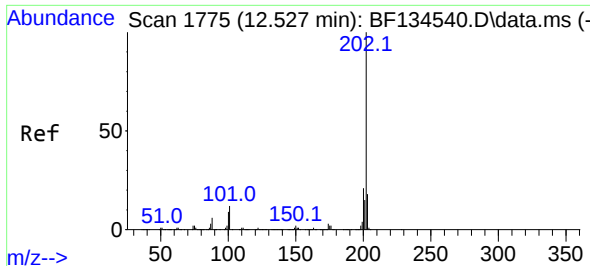


#74  
 Di-n-butylphthalate  
 Concen: 40.402 ng  
 RT: 11.898 min Scan# 1668  
 Delta R.T. 0.000 min  
 Lab File: BF134621.D  
 Acq: 04 Aug 2023 08:59



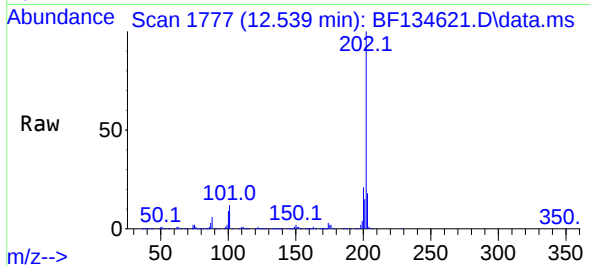
Tgt Ion:149 Resp: 1817216  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.2 10.8  
 104 4.7 3.8 5.8





#75  
Fluoranthene  
Concen: 34.793 ng  
RT: 12.539 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

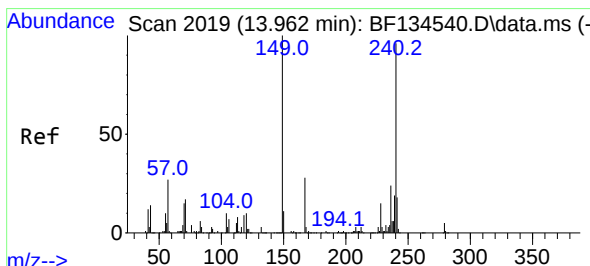
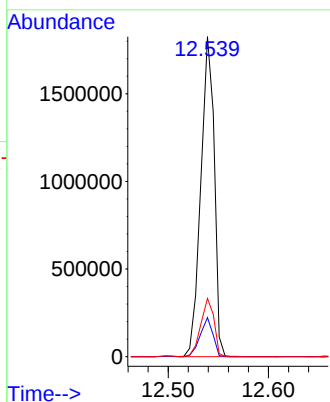
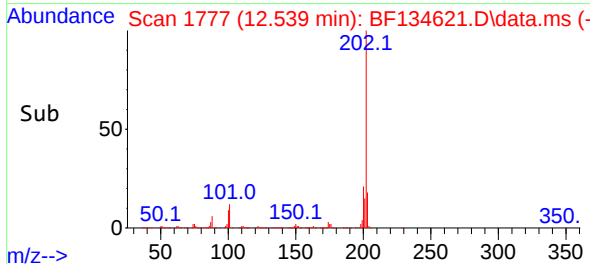
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



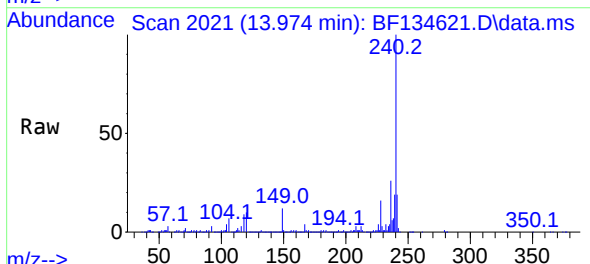
Tgt Ion:202 Resp: 170606  
Ion Ratio Lower Upper  
202 100  
101 12.2 0.0 28.5  
203 18.2 0.0 37.5

Manual Integrations  
APPROVED

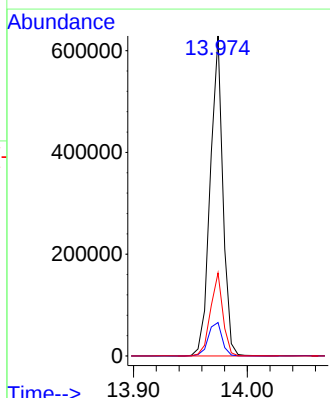
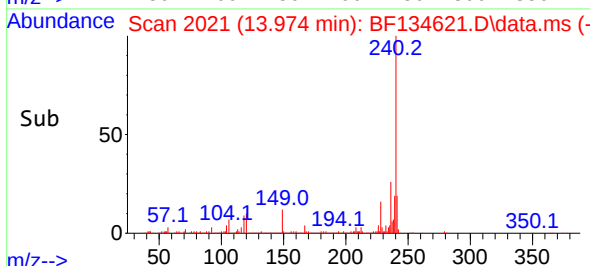
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023

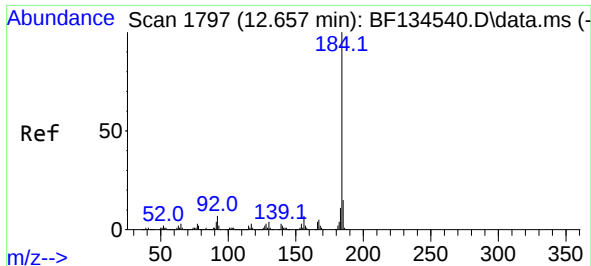


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.974 min Scan# 2021  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59



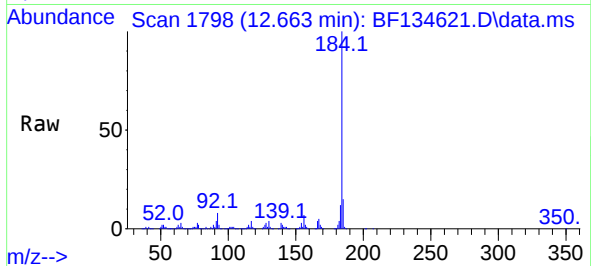
Tgt Ion:240 Resp: 485138  
Ion Ratio Lower Upper  
240 100  
120 10.4 6.6 10.0#  
236 26.0 20.2 30.2





#77  
Benzidine  
Concen: 41.915 ng  
RT: 12.663 min Scan# 1798  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

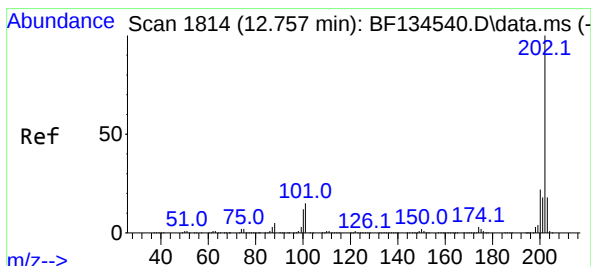
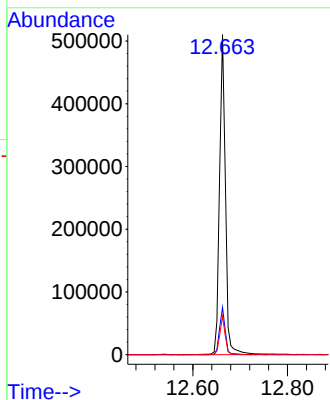
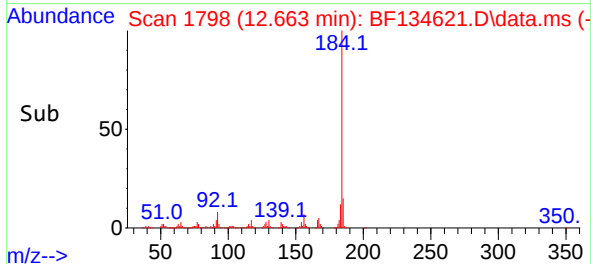
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



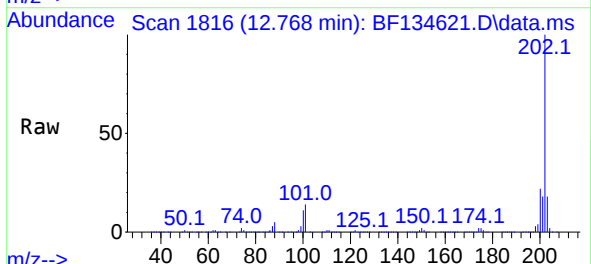
Tgt Ion:184 Resp: 441410  
Ion Ratio Lower Upper  
184 100  
185 14.8 11.2 16.8  
183 12.1 8.6 13.0

Manual Integrations  
APPROVED

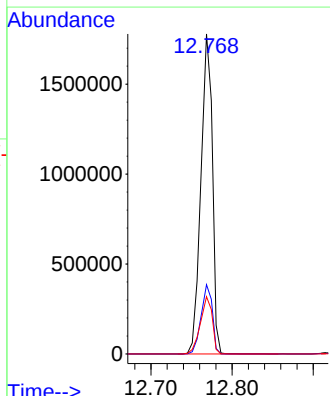
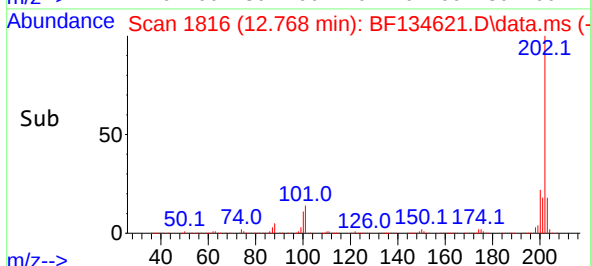
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023

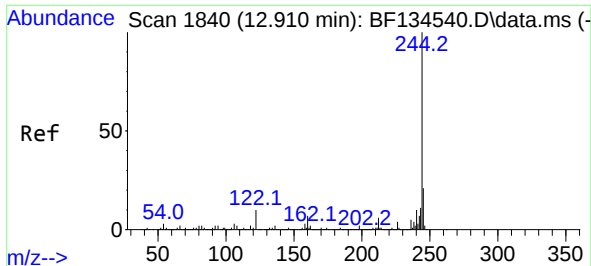


#78  
Pyrene  
Concen: 41.421 ng  
RT: 12.768 min Scan# 1816  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59



Tgt Ion:202 Resp: 1738831  
Ion Ratio Lower Upper  
202 100  
200 21.7 15.8 23.8  
203 17.9 13.5 20.3





#79  
 Terphenyl-d14  
 Concen: 83.171 ng  
 RT: 12.921 min Scan# 1842  
 Delta R.T. 0.000 min  
 Lab File: BF134621.D  
 Acq: 04 Aug 2023 08:59

Instrument :

BNA\_F

ClientSampleId :

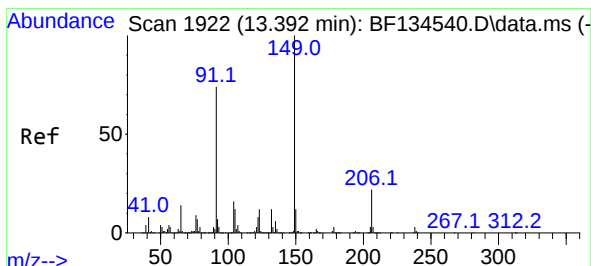
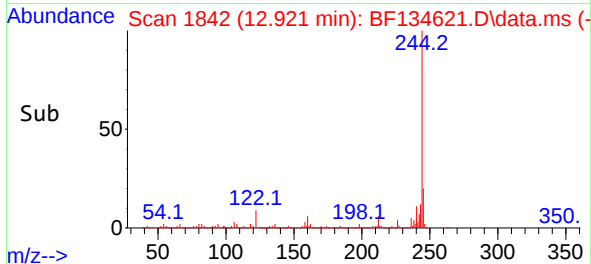
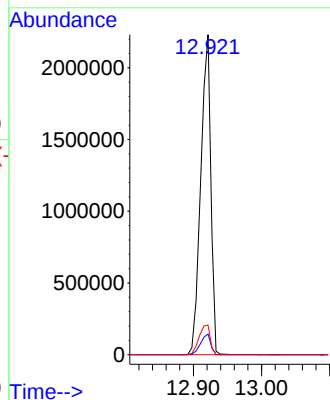
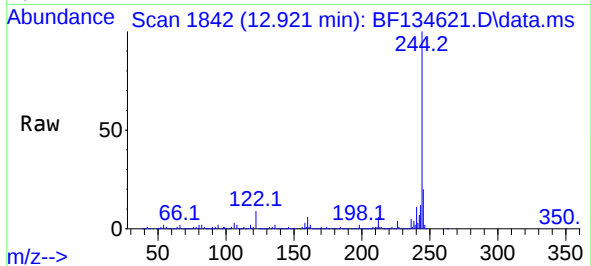
SSTDCCC040

Tgt Ion:244 Resp: 228885  
 Ion Ratio Lower Upper  
 244 100  
 212 6.4 5.6 8.4  
 122 9.3 8.0 12.0

Manual Integrations

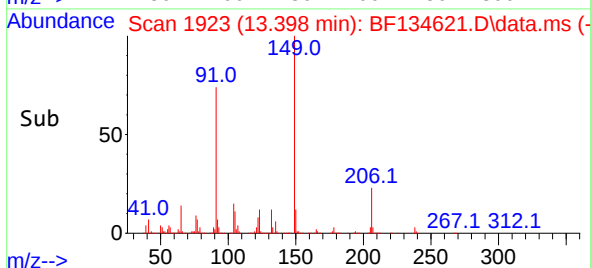
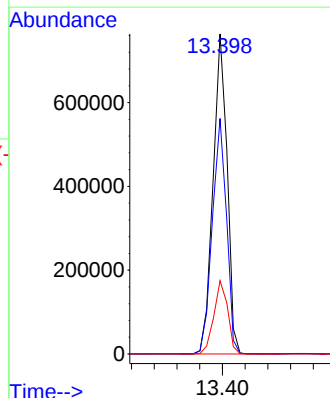
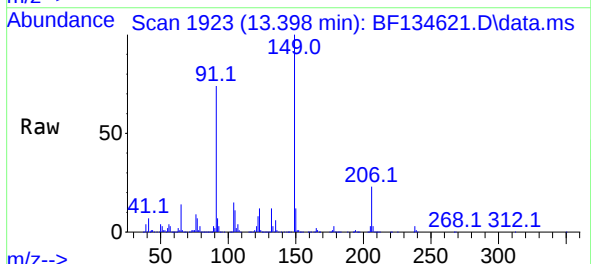
APPROVED

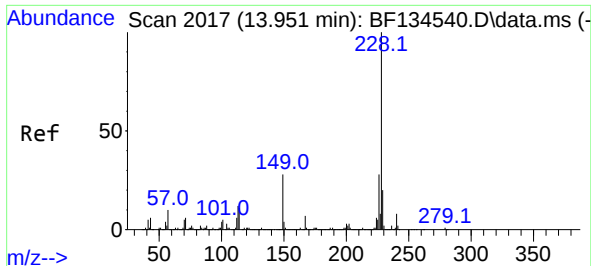
Reviewed By :Yogesh Patel 08/07/2023  
 Supervised By :mohammad ahmed 08/07/2023



#80  
 Butylbenzylphthalate  
 Concen: 46.172 ng  
 RT: 13.398 min Scan# 1923  
 Delta R.T. 0.000 min  
 Lab File: BF134621.D  
 Acq: 04 Aug 2023 08:59

Tgt Ion:149 Resp: 655425  
 Ion Ratio Lower Upper  
 149 100  
 91 73.6 55.8 83.6  
 206 22.9 14.6 21.8





#81  
Benzo(a)anthracene  
Concen: 34.947 ng  
RT: 13.963 min Scan# 2013  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

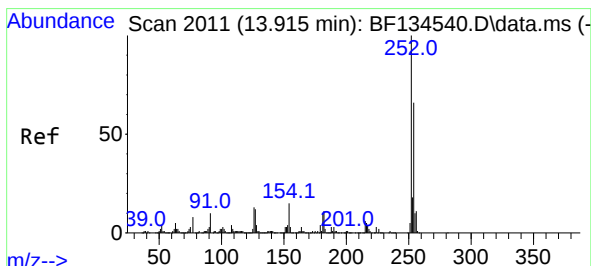
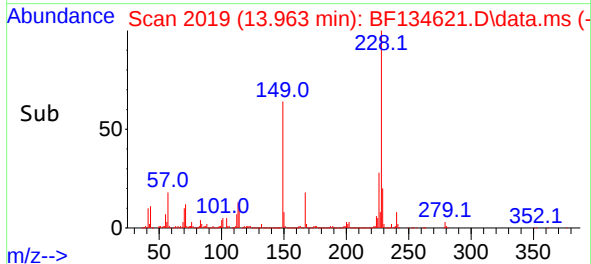
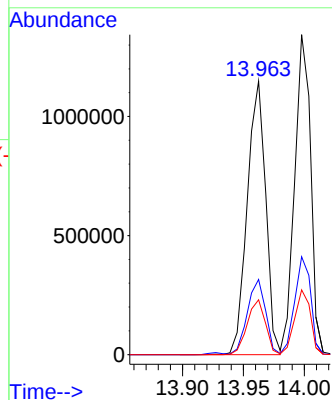
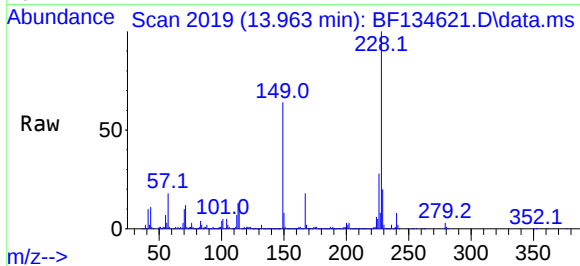
Tgt Ion:228 Resp: 1212290  
Ion Ratio Lower Upper  
228 100  
226 27.5 22.3 33.5  
229 20.0 15.8 23.6

Manual Integrations

APPROVED

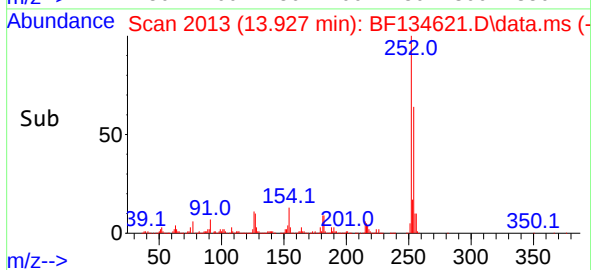
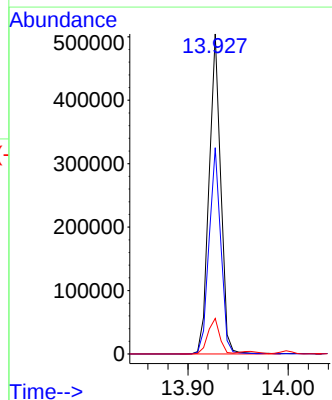
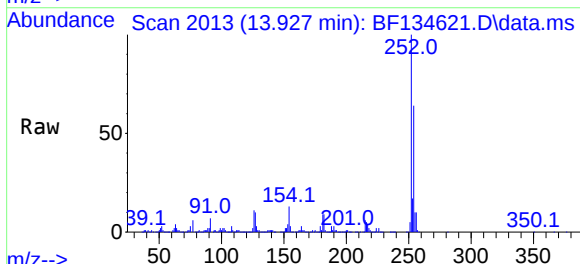
Reviewed By :Yogesh Patel 08/07/2023

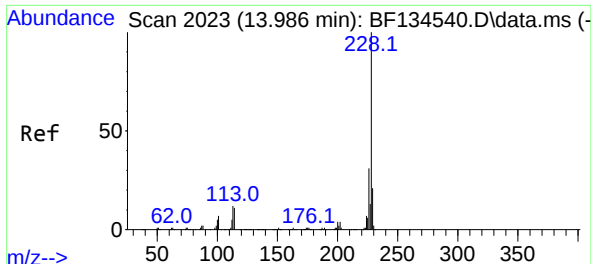
Supervised By :mohammad ahmed 08/07/2023



#82  
3,3'-Dichlorobenzidine  
Concen: 40.528 ng  
RT: 13.927 min Scan# 2013  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

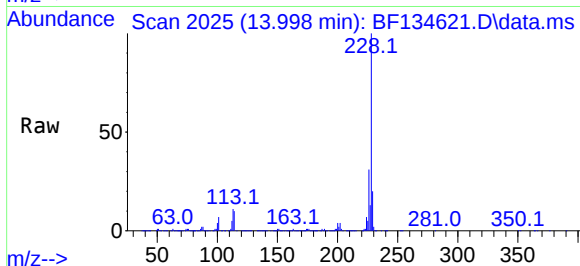
Tgt Ion:252 Resp: 407518  
Ion Ratio Lower Upper  
252 100  
254 64.4 52.7 79.1  
126 11.1 7.2 10.8#





#83  
Chrysene  
Concen: 36.238 ng  
RT: 13.998 min Scan# 2025  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

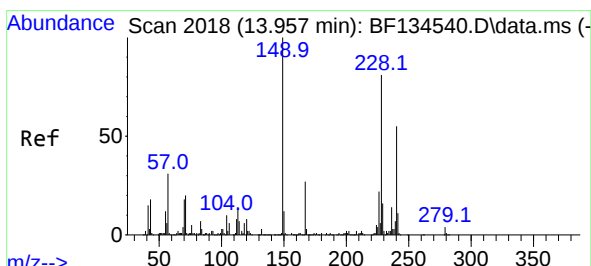
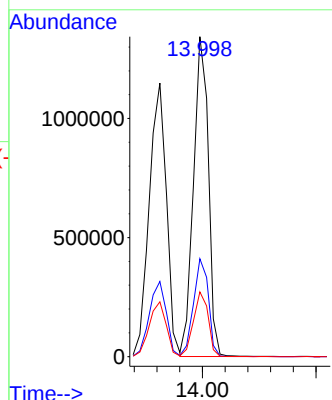
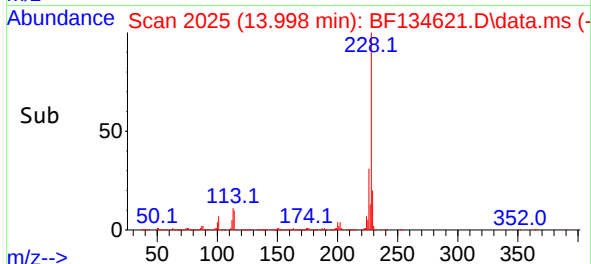
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



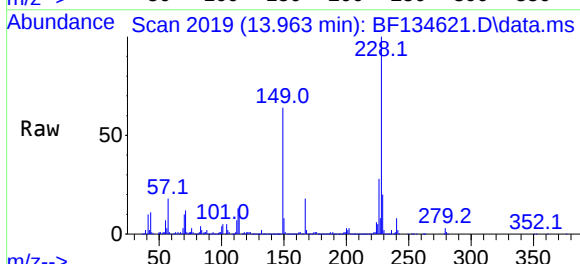
Tgt Ion:228 Resp: 1224724  
Ion Ratio Lower Upper  
228 100  
226 30.6 24.5 36.7  
229 20.3 15.8 23.8

Manual Integrations  
APPROVED

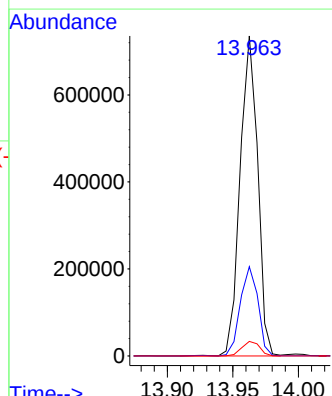
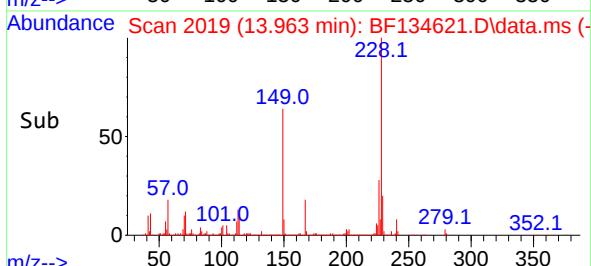
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023

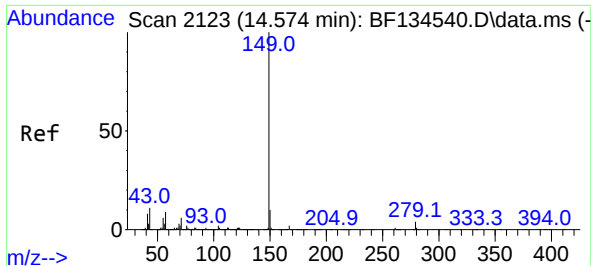


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 41.296 ng  
RT: 13.963 min Scan# 2019  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59



Tgt Ion:149 Resp: 689854  
Ion Ratio Lower Upper  
149 100  
167 27.9 21.6 32.4  
279 4.5 3.5 5.3





#85  
Di-n-octyl phthalate  
Concen: 44.814 ng  
RT: 14.580 min Scan# 2123  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Instrument :

BNA\_F

ClientSampleId :

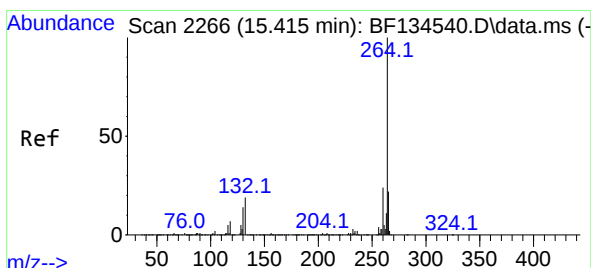
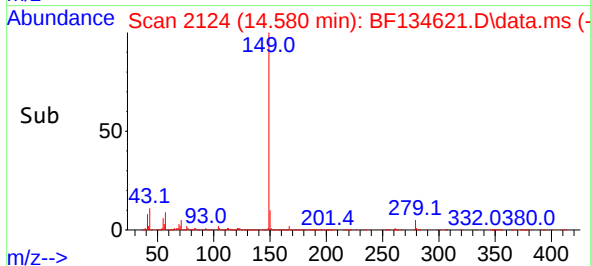
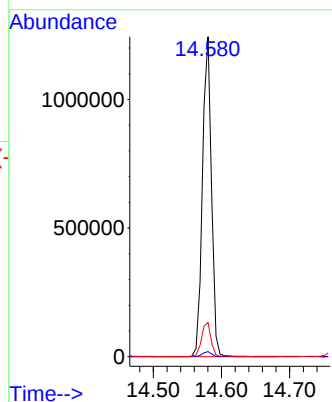
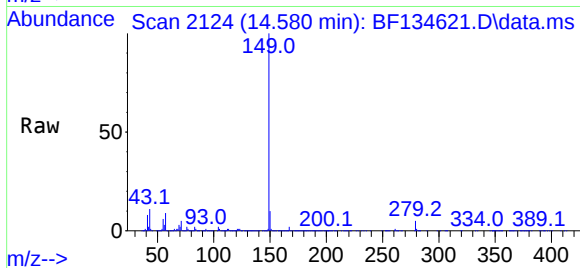
SSTDCCC040

Tgt Ion:149 Resp: 113841  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.2 1.8  
43 11.1 8.1 12.1

Manual Integrations

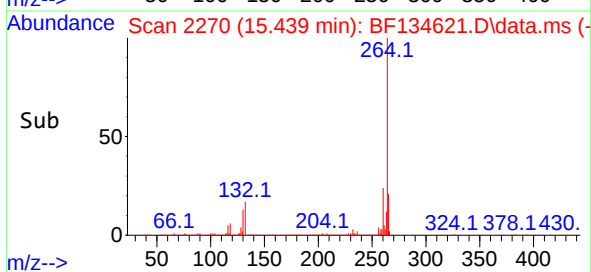
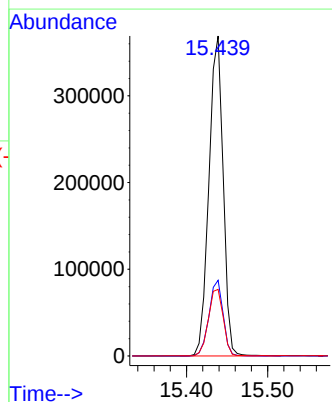
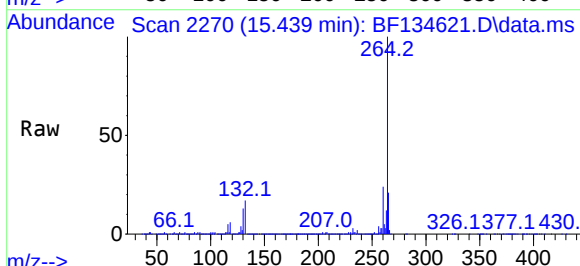
APPROVED

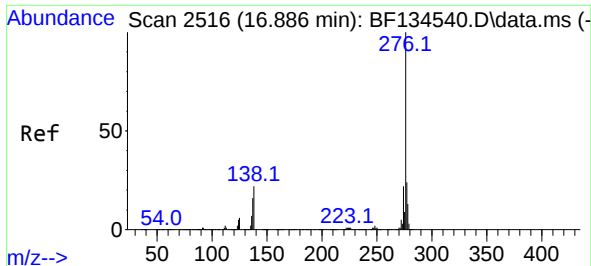
Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.439 min Scan# 2270  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Tgt Ion:264 Resp: 448003  
Ion Ratio Lower Upper  
264 100  
260 23.7 18.4 27.6  
265 20.8 15.8 23.8





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 46.152 ng  
RT: 16.927 min Scan# 2197  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

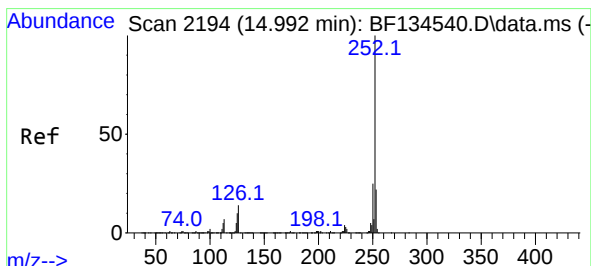
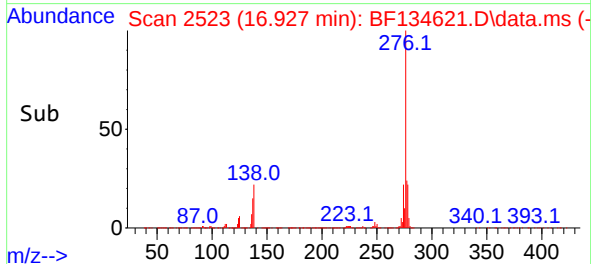
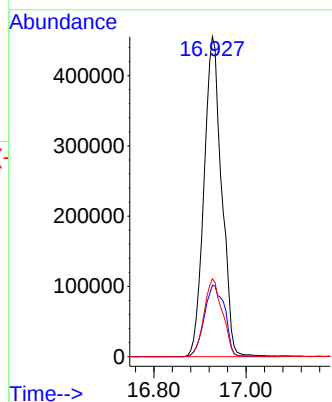
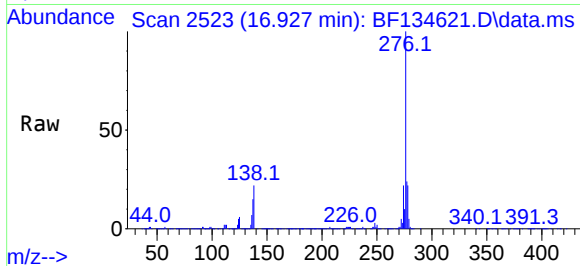
Tgt Ion:276 Resp: 121602  
Ion Ratio Lower Upper  
276 100  
138 25.8 14.2 21.4  
277 25.3 19.9 29.9

Manual Integrations

APPROVED

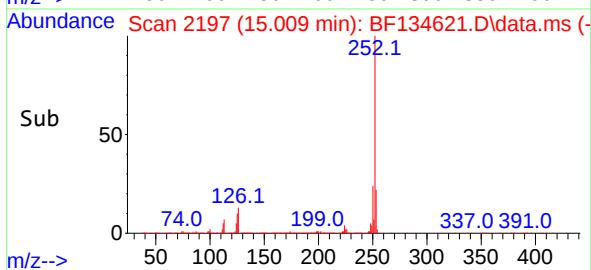
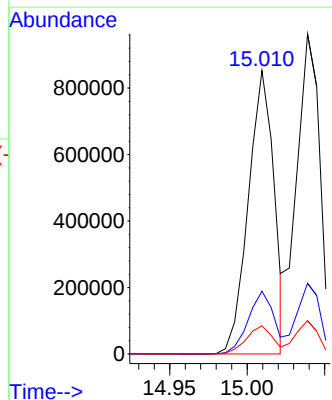
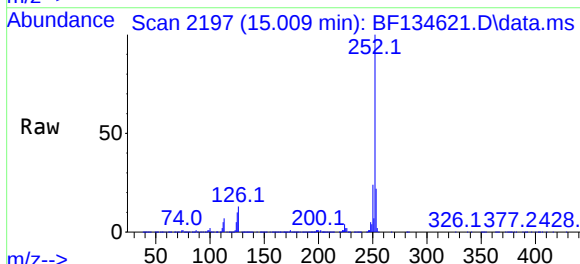
Reviewed By :Yogesh Patel 08/07/2023

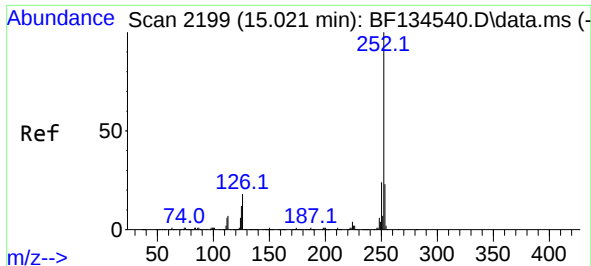
Supervised By :mohammad ahmed 08/07/2023



#88  
Benzo(b)fluoranthene  
Concen: 36.005 ng  
RT: 15.009 min Scan# 2197  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Tgt Ion:252 Resp: 983764  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.3 25.9  
125 9.9 6.0 9.0#





#89  
Benzo(k)fluoranthene  
Concen: 36.999 ng  
RT: 15.039 min Scan# 2199  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

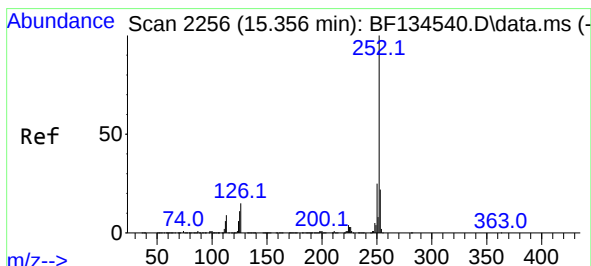
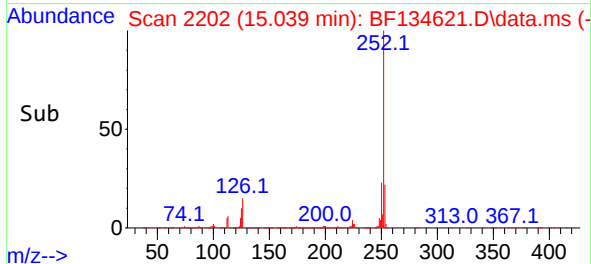
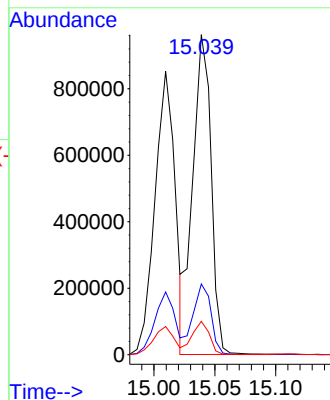
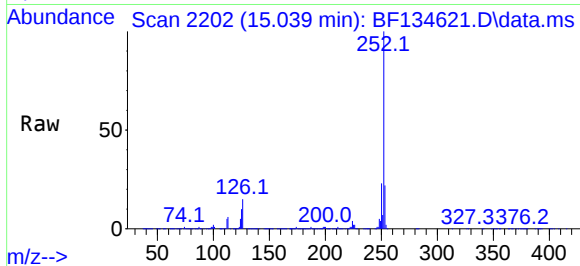
Tgt Ion:252 Resp: 1007060  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.9 26.9  
125 10.4 6.3 9.5

Manual Integrations

APPROVED

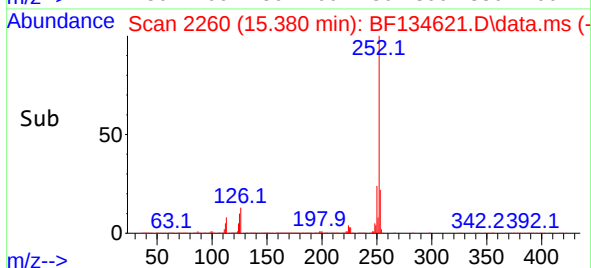
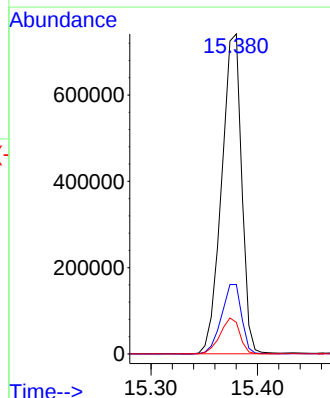
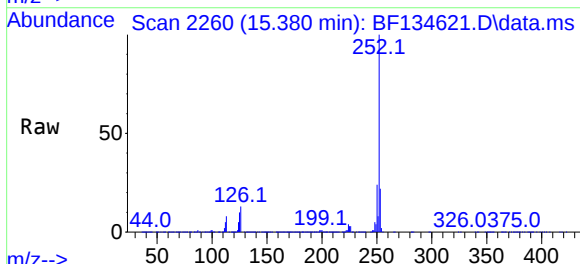
Reviewed By :Yogesh Patel 08/07/2023

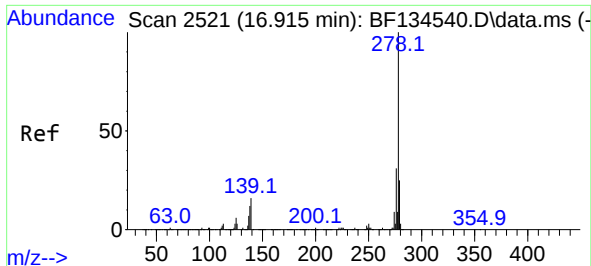
Supervised By :mohammad ahmed 08/07/2023



#90  
Benzo(a)pyrene  
Concen: 37.945 ng  
RT: 15.380 min Scan# 2260  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Tgt Ion:252 Resp: 966686  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.0 25.4  
125 9.8 6.2 9.4





#91  
Dibenzo(a,h)anthracene  
Concen: 46.981 ng  
RT: 16.951 min Scan# 2527  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Instrument :

BNA\_F

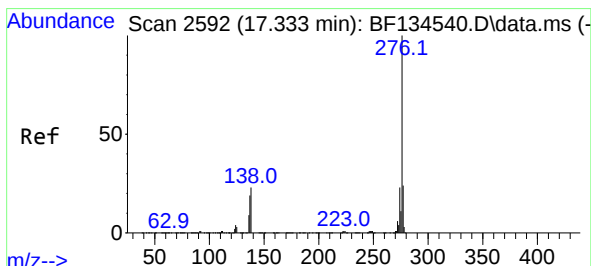
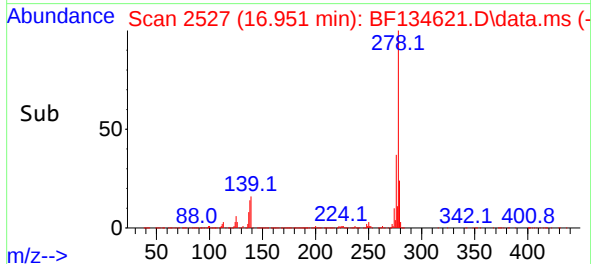
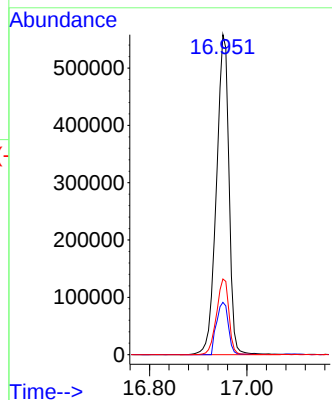
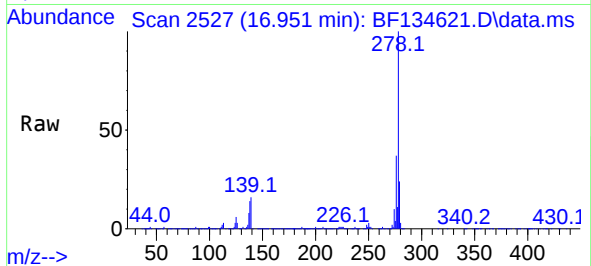
ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 1000390  
Ion Ratio Lower Upper  
278 100  
139 16.4 10.0 15.0  
279 23.7 19.7 29.5

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/07/2023  
Supervised By :mohammad ahmed 08/07/2023



#92  
Benzo(g,h,i)perylene  
Concen: 43.421 ng  
RT: 17.374 min Scan# 2599  
Delta R.T. 0.000 min  
Lab File: BF134621.D  
Acq: 04 Aug 2023 08:59

Tgt Ion:276 Resp: 943138  
Ion Ratio Lower Upper  
276 100  
277 23.0 19.0 28.6  
138 22.9 12.2 18.2

