

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082323\  
 Data File : BF134902.D  
 Acq On : 23 Aug 2023 13:58  
 Operator : CG\JU  
 Sample : 04080-01MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ETGI-340MS

Quant Time: Aug 24 04:24:37 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 22 19:33:25 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/24/2023  
 Supervised By :mohammad ahmed 08/24/2023

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.792  | 152  | 142893   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.075  | 136  | 569154   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.833  | 164  | 295763   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.327 | 188  | 556614   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.980 | 240  | 294324   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.451 | 264  | 320377   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.434  | 112  | 1117756  | 124.739 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.440  | 99   | 1473312  | 128.672 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.363  | 82   | 912181   | 88.314  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.633 | 330  | 494688   | 142.015 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.157  | 172  | 1634535  | 85.434  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.927 | 244  | 1744979  | 81.544  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.599  | 88   | 114152   | 29.354  | ng    | 99       |
| 3) Pyridine                   | 3.357  | 79   | 331710   | 31.653  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.316  | 42   | 201082   | 43.398  | ng    | 98       |
| 6) Aniline                    | 6.463  | 93   | 544592   | 38.482  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.581  | 128  | 492711   | 52.401  | ng    | 97       |
| 9) Benzaldehyde               | 6.345  | 77   | 156894   | 24.984  | ng    | 98       |
| 10) Phenol                    | 6.451  | 94   | 579419   | 49.425  | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 6.540  | 93   | 420303   | 47.264  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.734  | 146  | 442063   | 45.078  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.810  | 146  | 455544   | 46.411  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 6.963  | 146  | 446742   | 49.103  | ng    | 98       |
| 15) Benzyl Alcohol            | 6.940  | 79   | 433081   | 54.436  | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 7.069  | 45   | 614375   | 47.711  | ng    | 100      |
| 17) 2-Methylphenol            | 7.051  | 107  | 407636   | 50.093  | ng    | 99       |
| 18) Hexachloroethane          | 7.304  | 117  | 160566   | 45.200  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.216  | 70   | 317626   | 47.497  | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.204  | 107  | 460824   | 54.762  | ng    | 93       |
| 22) Acetophenone              | 7.204  | 105  | 609105   | 48.419  | ng    | 98       |
| 24) Nitrobenzene              | 7.381  | 77   | 493831   | 47.648  | ng    | 96       |
| 25) Isophorone                | 7.616  | 82   | 943032   | 48.895  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.692  | 139  | 266116   | 51.575  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.734  | 122  | 422021   | 50.147  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.828  | 93   | 563162   | 48.991  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.934  | 162  | 432405   | 52.002  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.016  | 180  | 430237   | 48.737  | ng    | 100      |
| 31) Naphthalene               | 8.098  | 128  | 1359155  | 47.825  | ng    | 100      |
| 32) Benzoic acid              | 7.881  | 122  | 388263   | 62.514  | ng    | 97       |
| 33) 4-Chloroaniline           | 8.145  | 127  | 406929   | 33.372  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.210  | 225  | 245816   | 46.820  | ng    | 99       |
| 35) Caprolactam               | 8.539  | 113  | 141373m  | 54.464  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.639  | 107  | 472995   | 53.903  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.786  | 142  | 905363   | 47.770  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.886  | 142  | 879316   | 49.617  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 8.957  | 216  | 438674   | 48.675  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.939  | 237  | 405791   | 101.699 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.069  | 196  | 319997   | 53.762  | ng    | 99       |

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Instrument :  
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Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/24/2023  
 Supervised By :mohammad ahmed 08/24/2023

Quant Time: Aug 24 04:24:37 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 22 19:33:25 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.116  | 196  | 337960   | 49.044  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.257  | 154  | 1163787  | 49.841  | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.281  | 162  | 894225   | 51.281  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.381  | 65   | 310381   | 54.147  | ng    | 99       |
| 49) Acenaphthylene            | 9.698  | 152  | 1391473  | 51.816  | ng    | 100      |
| 50) Dimethylphthalate         | 9.569  | 163  | 1099905  | 52.245  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.628  | 165  | 251126   | 54.083  | ng    | 92       |
| 52) Acenaphthene              | 9.869  | 154  | 854923   | 50.535  | ng    | 99       |
| 53) 3-Nitroaniline            | 9.798  | 138  | 208275   | 41.067  | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.910  | 184  | 279769   | 127.341 | ng    | 93       |
| 55) Dibenzofuran              | 10.045 | 168  | 1226243  | 49.785  | ng    | 97       |
| 56) 4-Nitrophenol             | 9.975  | 139  | 422705   | 119.600 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 10.033 | 165  | 318756   | 55.509  | ng    | 88       |
| 58) Fluorene                  | 10.386 | 166  | 952162   | 50.969  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.163 | 232  | 294397   | 54.834  | ng    | 99       |
| 60) Diethylphthalate          | 10.269 | 149  | 1021158  | 52.942  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.380 | 204  | 465531   | 49.711  | ng    | 99       |
| 62) 4-Nitroaniline            | 10.422 | 138  | 268036   | 56.535  | ng    | 97       |
| 63) Azobenzene                | 10.545 | 77   | 1000165  | 52.197  | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.445 | 198  | 184864   | 56.286  | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 10.504 | 169  | 898764   | 50.142  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.875 | 248  | 321945   | 50.134  | ng    | 98       |
| 68) Hexachlorobenzene         | 10.933 | 284  | 360349   | 52.762  | ng    | 96       |
| 69) Atrazine                  | 11.039 | 200  | 301295   | 61.901  | ng    | 99       |
| 70) Pentachlorophenol         | 11.133 | 266  | 363885   | 88.533  | ng    | 98       |
| 71) Phenanthrene              | 11.357 | 178  | 1516848  | 52.005  | ng    | 99       |
| 72) Anthracene                | 11.410 | 178  | 1507516  | 50.444  | ng    | 100      |
| 73) Carbazole                 | 11.563 | 167  | 1327628  | 53.912  | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.898 | 149  | 1483607  | 52.529  | ng    | 99       |
| 75) Fluoranthene              | 12.545 | 202  | 1487833  | 53.836  | ng    | 99       |
| 77) Benzidine                 | 12.674 | 184  | 506833   | 106.135 | ng    | 100      |
| 78) Pyrene                    | 12.780 | 202  | 1467501  | 47.026  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.404 | 149  | 522335   | 54.939  | ng    | 98       |
| 81) Benzo(a)anthracene        | 13.974 | 228  | 1035932  | 51.587  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.939 | 252  | 341901   | 53.794  | ng    | # 98     |
| 83) Chrysene                  | 14.010 | 228  | 996870   | 50.313  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.968 | 149  | 588282   | 57.120  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.586 | 149  | 1024472  | 61.001  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.951 | 276  | 1209544  | 52.818  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.027 | 252  | 1053914  | 58.306  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.057 | 252  | 965911   | 54.418  | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.392 | 252  | 928492   | 51.456  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.974 | 278  | 971288   | 52.420  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.409 | 276  | 960616   | 50.644  | ng    | 99       |

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

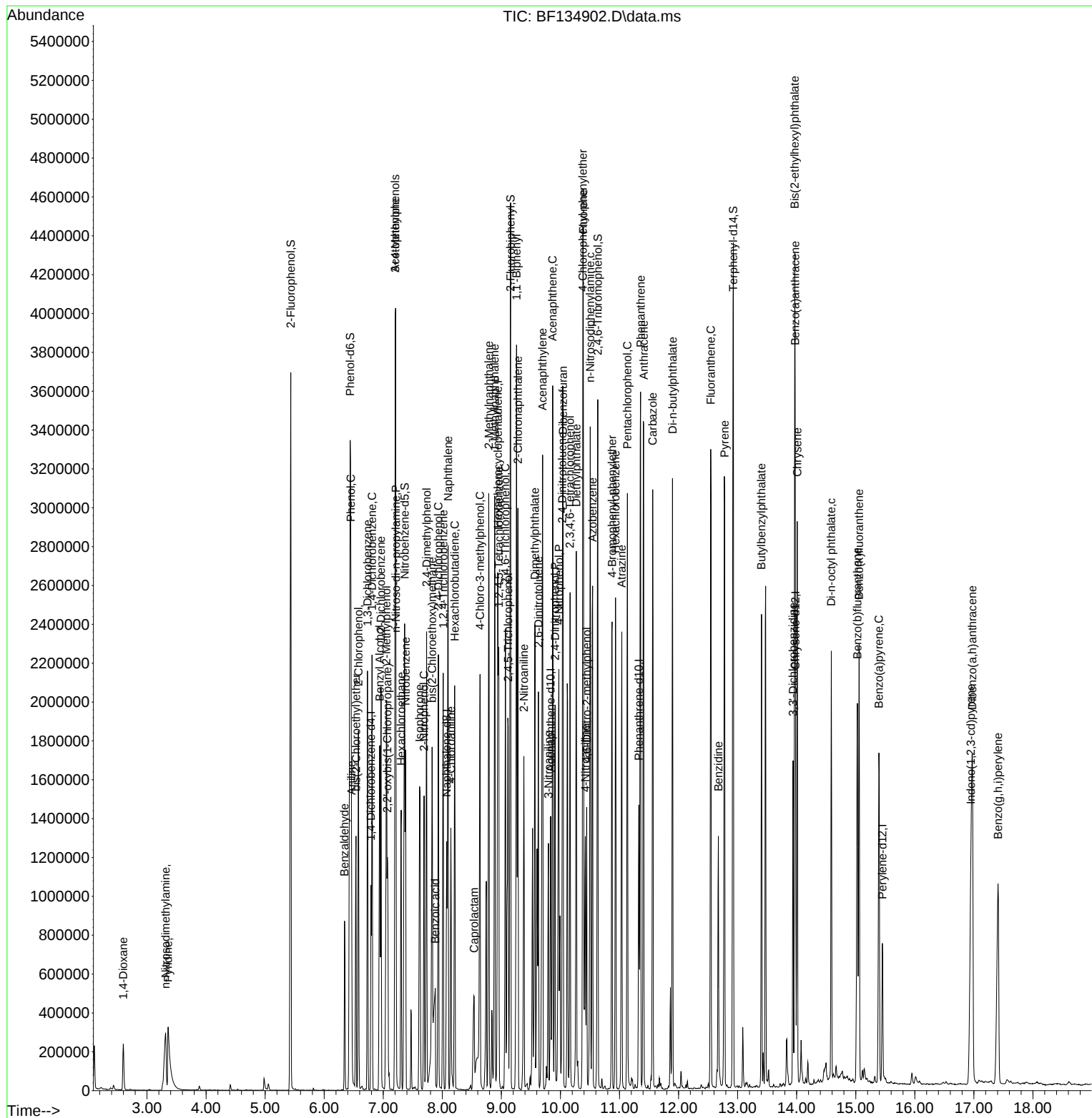
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082323\  
 Data File : BF134902.D  
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 Operator : CG\JU  
 Sample : 04080-01MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

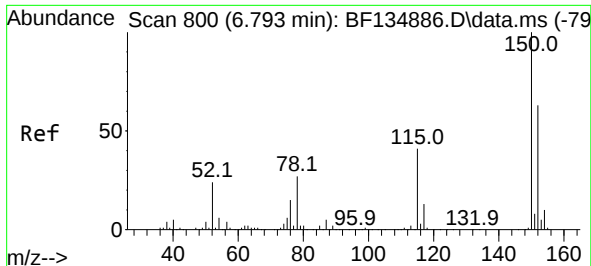
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ETGI-340MS

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/24/2023  
 Supervised By :mohammad ahmed 08/24/2023

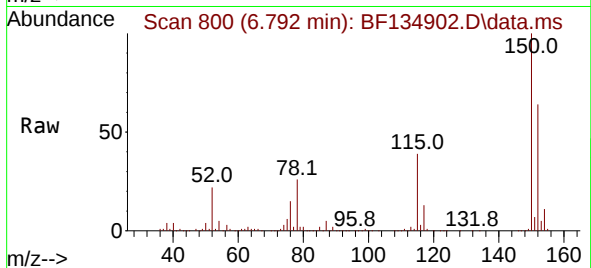
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#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.792 min Scan# 80  
Delta R.T. -0.001 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

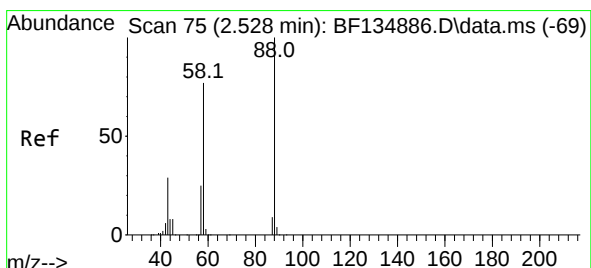
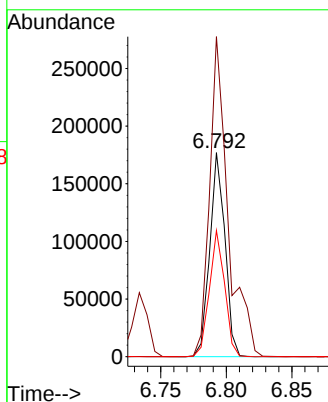
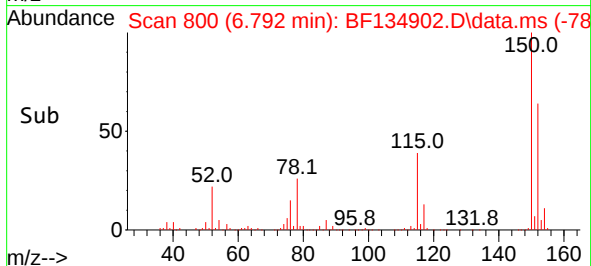
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-340MS



Tgt Ion:152 Resp: 14289  
Ion Ratio Lower Upper  
152 100  
150 156.9 126.1 189.1  
115 61.8 51.1 76.7

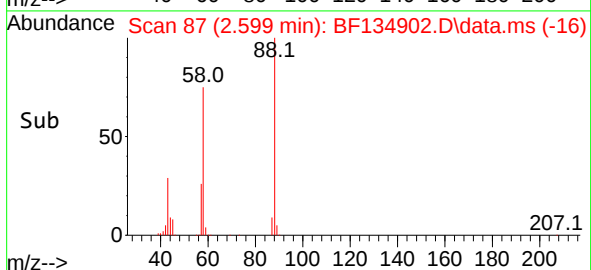
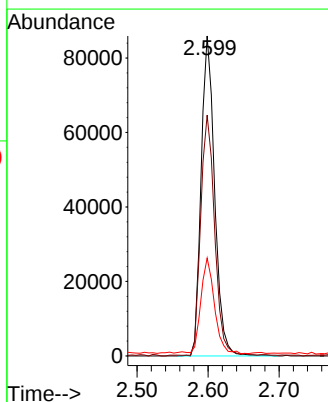
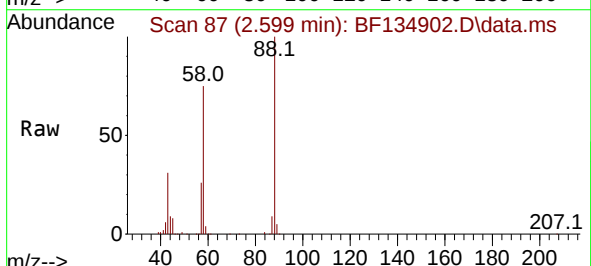
Manual Integrations  
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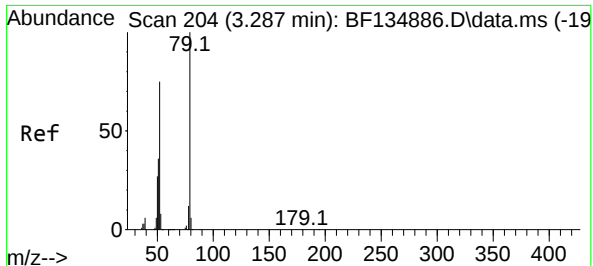
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023



#2  
1,4-Dioxane  
Concen: 29.354 ng  
RT: 2.599 min Scan# 87  
Delta R.T. 0.071 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

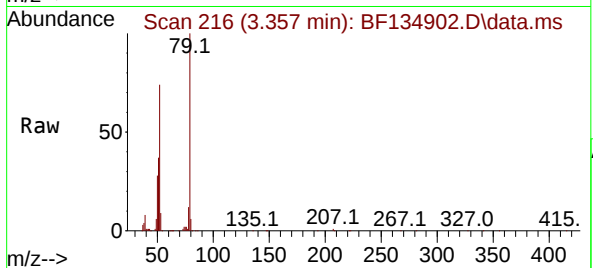
Tgt Ion: 88 Resp: 114152  
Ion Ratio Lower Upper  
88 100  
58 77.1 62.6 93.8  
43 30.1 23.3 34.9





#3  
Pyridine  
Concen: 31.653 ng  
RT: 3.357 min Scan# 216  
Delta R.T. 0.071 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

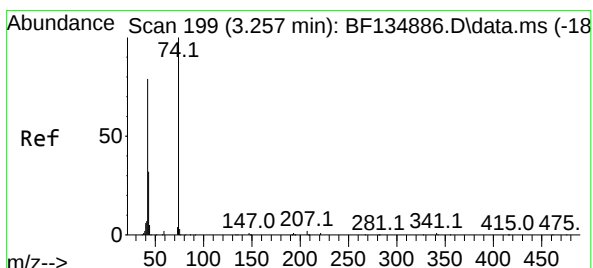
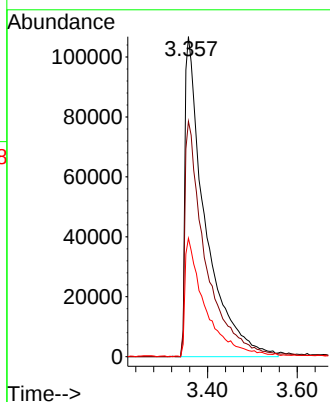
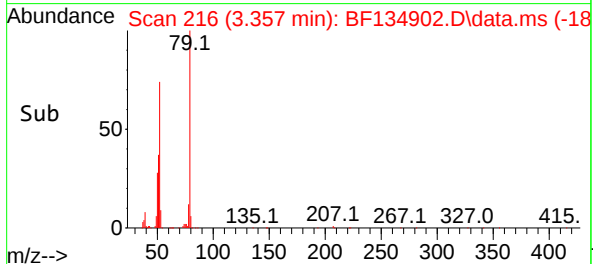
Instrument :  
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ETGI-340MS



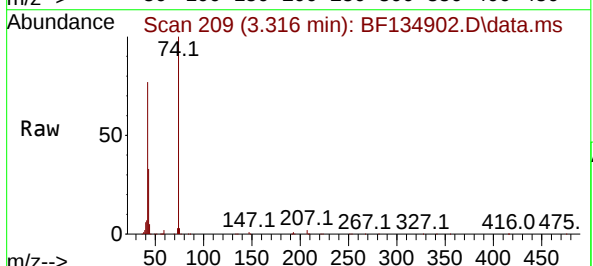
Tgt Ion: 79 Resp: 331710  
Ion Ratio Lower Upper  
79 100  
52 73.5 60.1 90.1  
51 37.0 29.4 44.0

Manual Integrations  
APPROVED

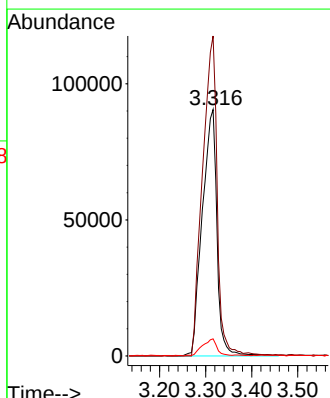
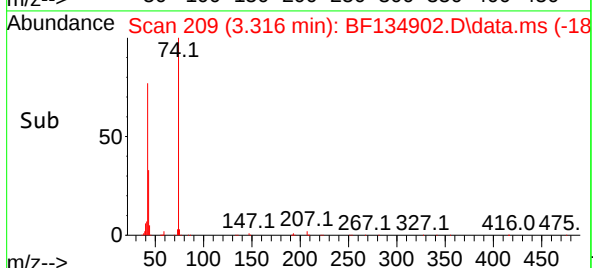
Reviewed By :Yogesh Patel 08/24/2023  
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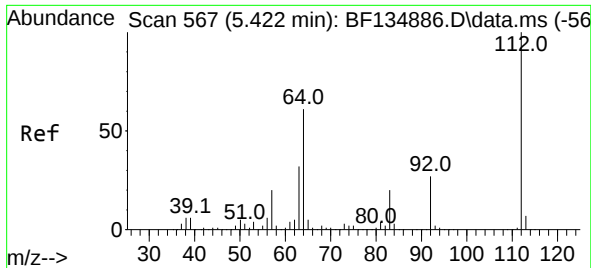


#4  
n-Nitrosodimethylamine  
Concen: 43.398 ng  
RT: 3.316 min Scan# 209  
Delta R.T. 0.059 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58



Tgt Ion: 42 Resp: 201082  
Ion Ratio Lower Upper  
42 100  
74 129.8 101.8 152.8  
44 7.0 5.4 8.0





#5  
2-Fluorophenol  
Concen: 124.739 ng  
RT: 5.434 min Scan# 567  
Delta R.T. 0.012 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

Instrument :

BNA\_F

ClientSampleId :

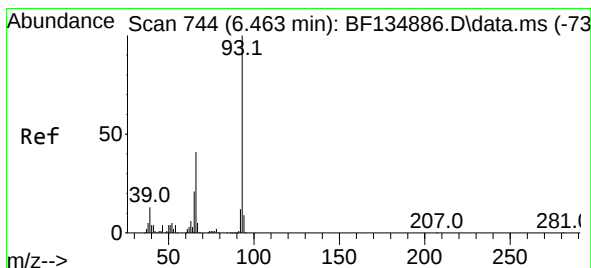
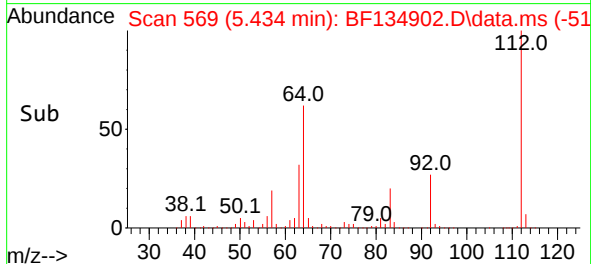
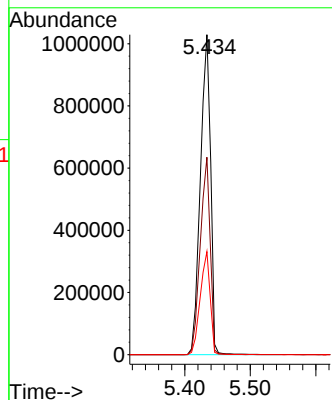
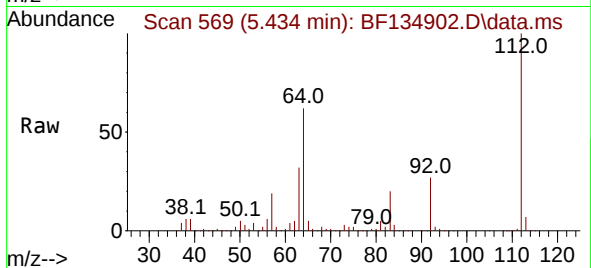
ETGI-340MS

Tgt Ion:112 Resp: 1117750  
Ion Ratio Lower Upper  
112 100  
64 61.7 48.6 73.0  
63 32.2 25.7 38.5

Manual Integrations

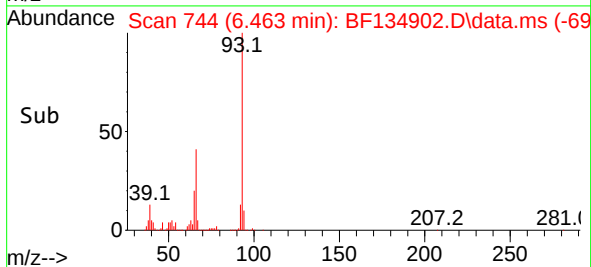
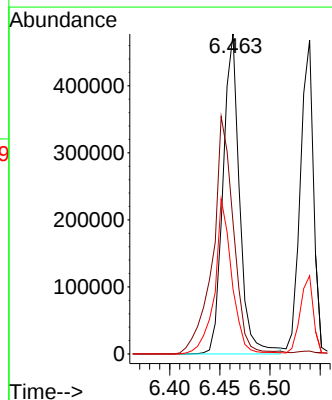
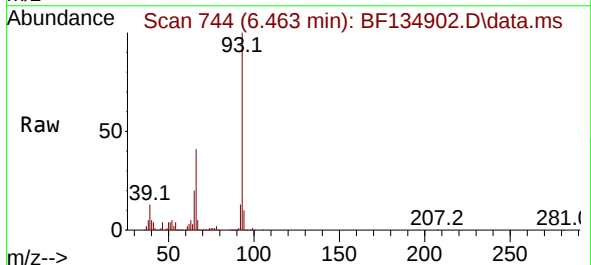
APPROVED

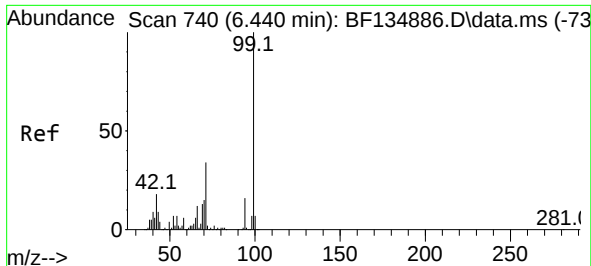
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023



#6  
Aniline  
Concen: 38.482 ng  
RT: 6.463 min Scan# 744  
Delta R.T. -0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

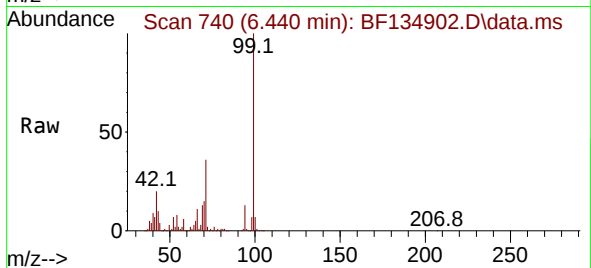
Tgt Ion: 93 Resp: 544592  
Ion Ratio Lower Upper  
93 100  
66 41.2 32.7 49.1  
65 20.4 16.7 25.1





#7  
Phenol-d6  
Concen: 128.672 ng  
RT: 6.440 min Scan# 740  
Delta R.T. -0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

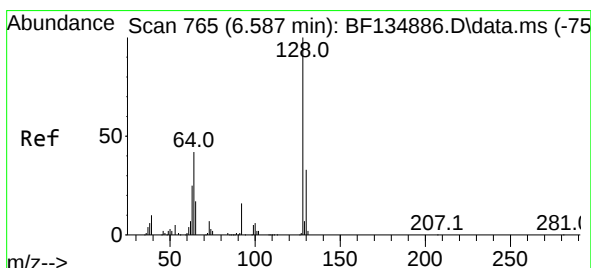
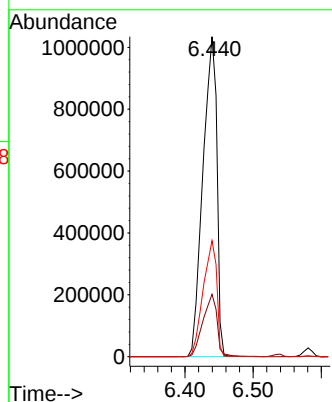
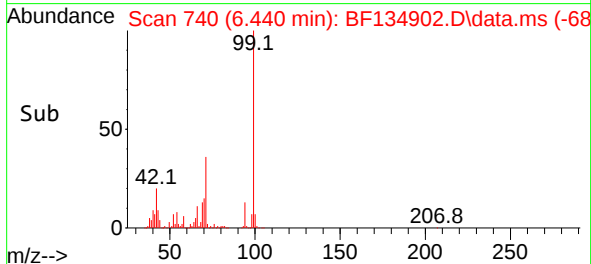
Instrument :  
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ETGI-340MS



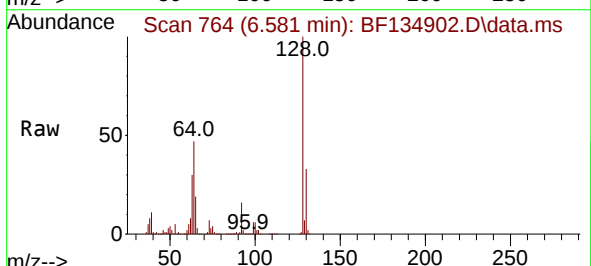
Tgt Ion: 99 Resp: 1473312  
Ion Ratio Lower Upper  
99 100  
42 19.5 14.6 22.0  
71 36.2 27.6 41.4

Manual Integrations  
APPROVED

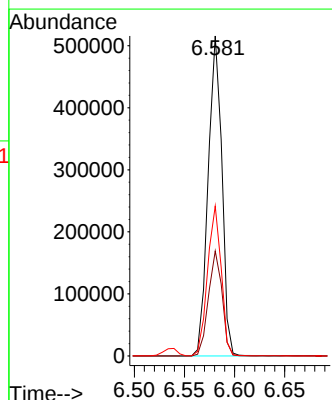
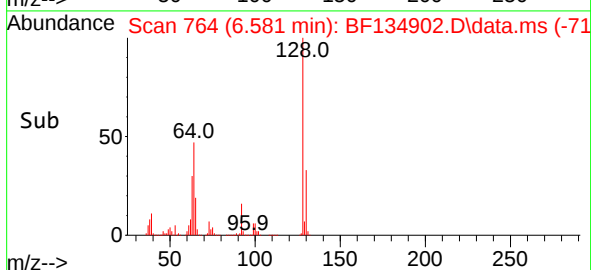
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023

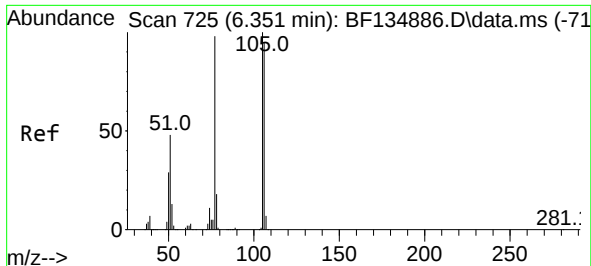


#8  
2-Chlorophenol  
Concen: 52.401 ng  
RT: 6.581 min Scan# 764  
Delta R.T. -0.006 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58



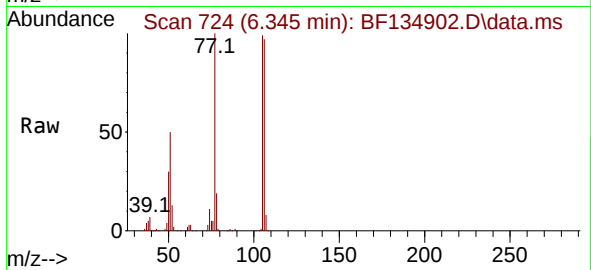
Tgt Ion:128 Resp: 492711  
Ion Ratio Lower Upper  
128 100  
130 32.8 13.0 53.0  
64 46.9 23.4 63.4





#9  
Benzaldehyde  
Concen: 24.984 ng  
RT: 6.345 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

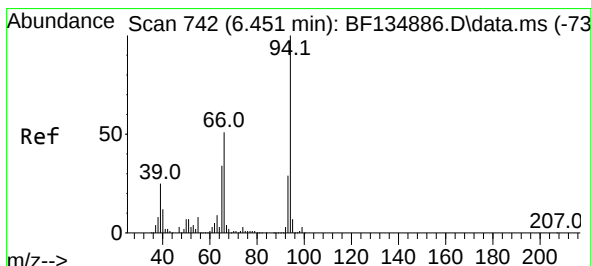
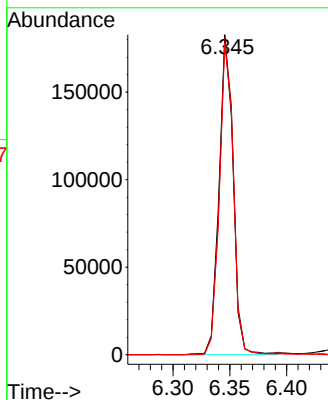
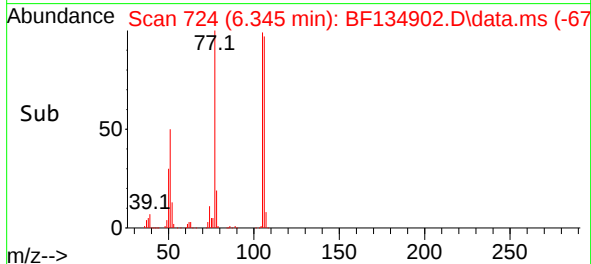
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-340MS



Tgt Ion: 77 Resp: 156894  
Ion Ratio Lower Upper  
77 100  
105 99.1 82.4 122.4  
106 97.3 77.2 117.2

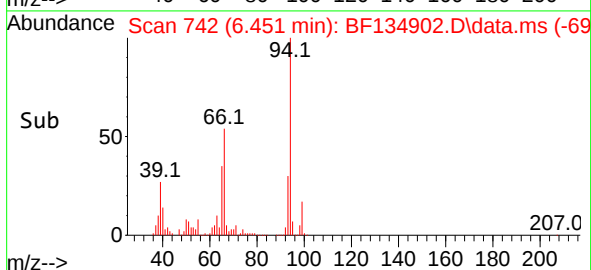
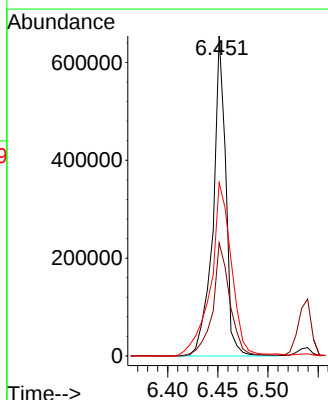
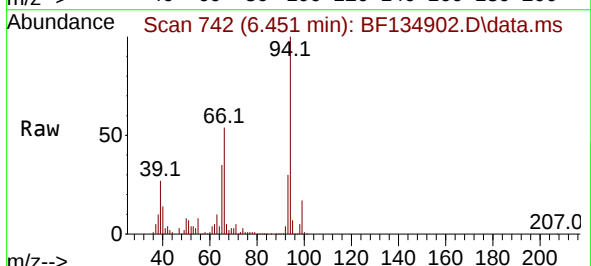
Manual Integrations  
APPROVED

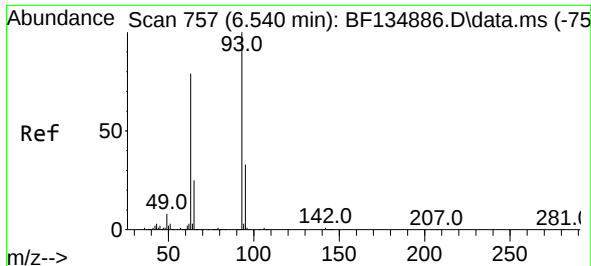
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023



#10  
Phenol  
Concen: 49.425 ng  
RT: 6.451 min Scan# 742  
Delta R.T. -0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

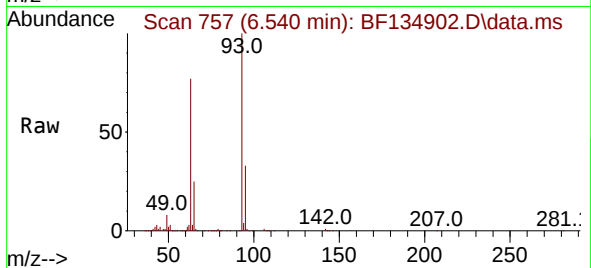
Tgt Ion: 94 Resp: 579419  
Ion Ratio Lower Upper  
94 100  
65 35.4 14.0 54.0  
66 54.2 31.1 71.1





#11  
bis(2-Chloroethyl)ether  
Concen: 47.264 ng  
RT: 6.540 min Scan# 757  
Delta R.T. -0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

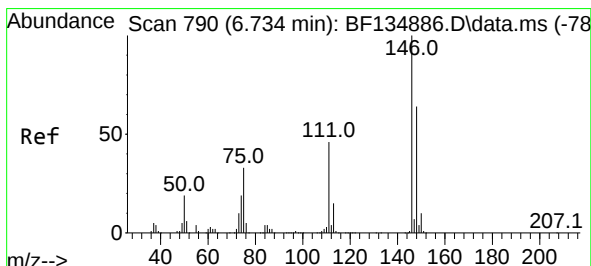
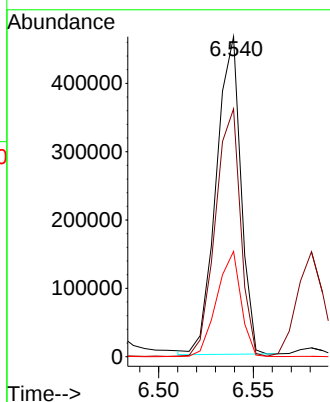
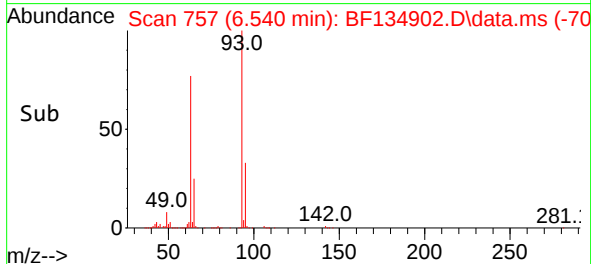
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-340MS



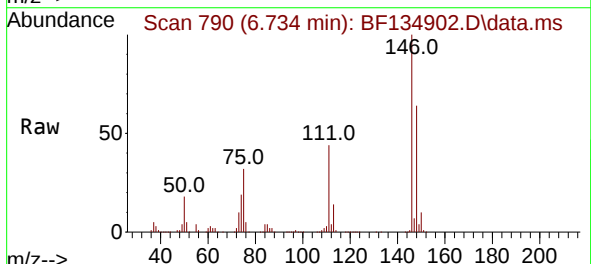
Tgt Ion: 93 Resp: 42030  
Ion Ratio Lower Upper  
93 100  
63 77.4 58.7 98.7  
95 32.9 12.4 52.4

Manual Integrations  
APPROVED

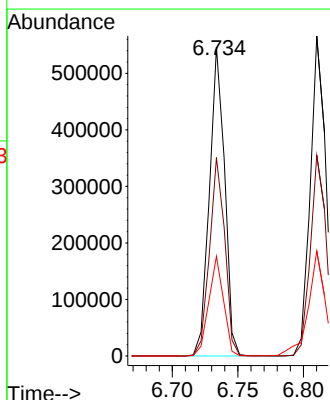
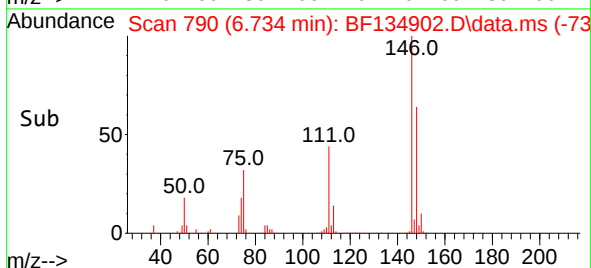
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023

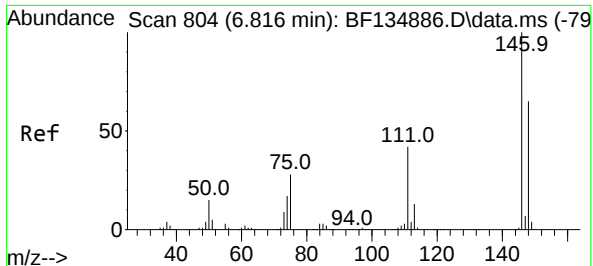


#12  
1,3-Dichlorobenzene  
Concen: 45.078 ng  
RT: 6.734 min Scan# 790  
Delta R.T. -0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58



Tgt Ion:146 Resp: 442063  
Ion Ratio Lower Upper  
146 100  
148 64.2 51.2 76.8  
75 32.3 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 46.411 ng

RT: 6.810 min Scan# 804

Delta R.T. -0.006 min

Lab File: BF134902.D

Acq: 23 Aug 2023 13:58

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MS

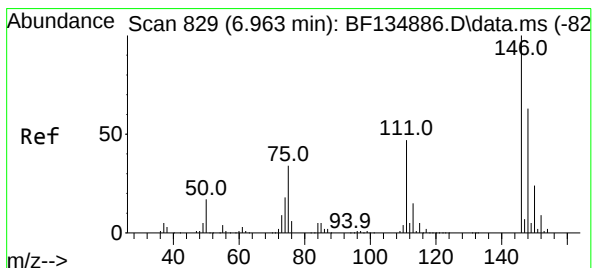
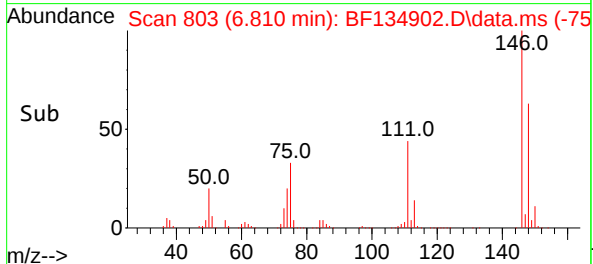
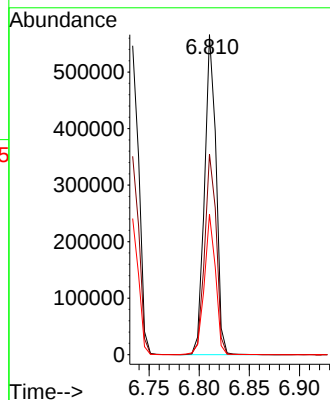
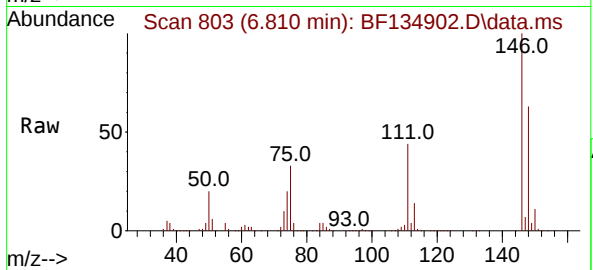
Tgt Ion:146 Resp: 455544  
 Ion Ratio Lower Upper  
 146 100  
 148 62.7 52.1 78.1  
 111 43.9 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#14

1,2-Dichlorobenzene

Concen: 49.103 ng

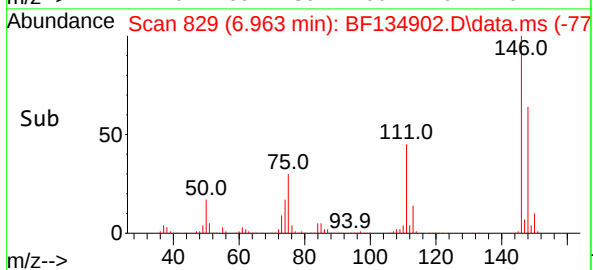
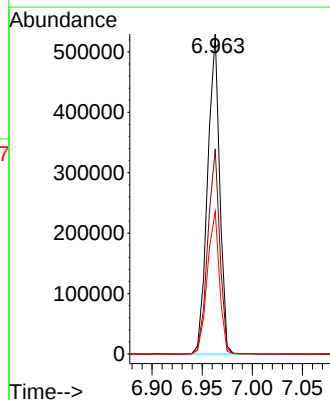
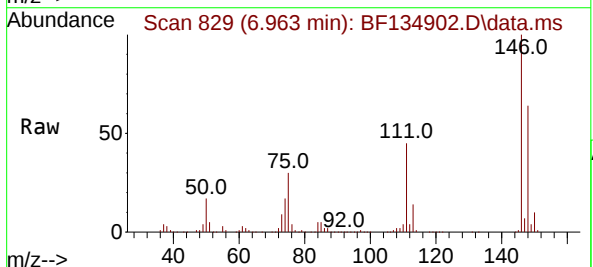
RT: 6.963 min Scan# 829

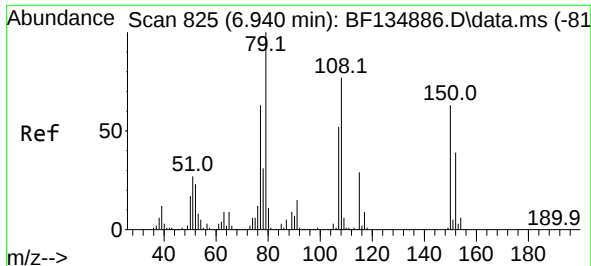
Delta R.T. 0.000 min

Lab File: BF134902.D

Acq: 23 Aug 2023 13:58

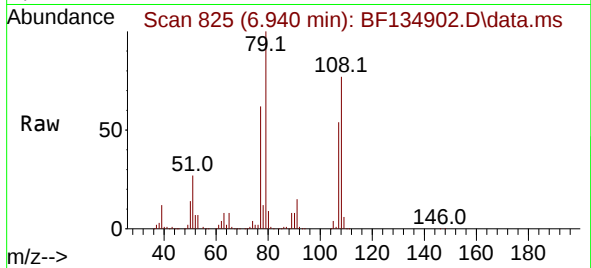
Tgt Ion:146 Resp: 446742  
 Ion Ratio Lower Upper  
 146 100  
 148 64.0 50.5 75.7  
 111 44.5 37.5 56.3





#15  
Benzyl Alcohol  
Concen: 54.436 ng  
RT: 6.940 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

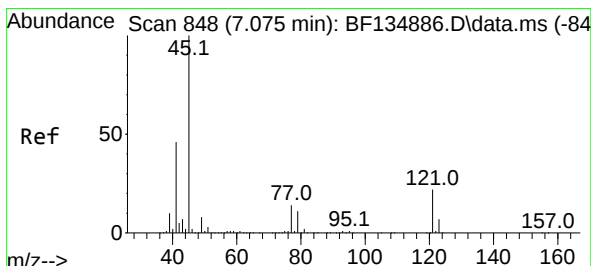
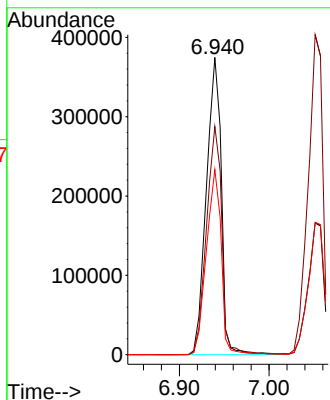
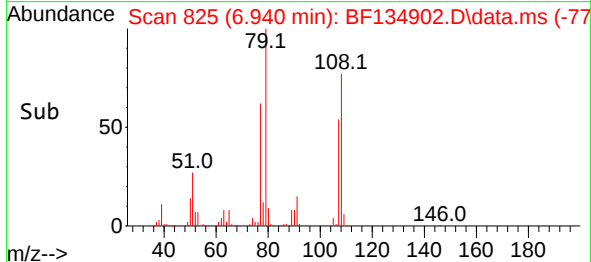
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-340MS



Tgt Ion: 79 Resp: 43308  
Ion Ratio Lower Upper  
79 100  
108 76.7 61.4 92.2  
77 62.3 50.1 75.1

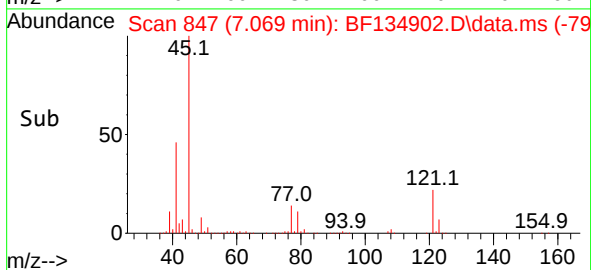
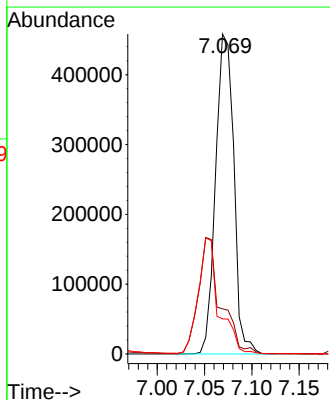
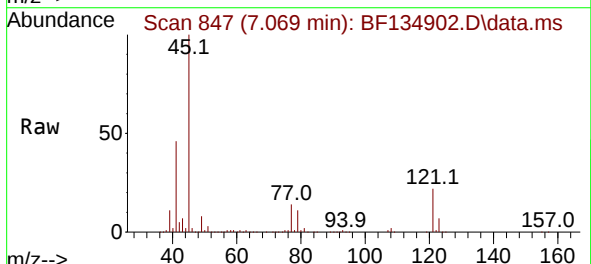
Manual Integrations  
APPROVED

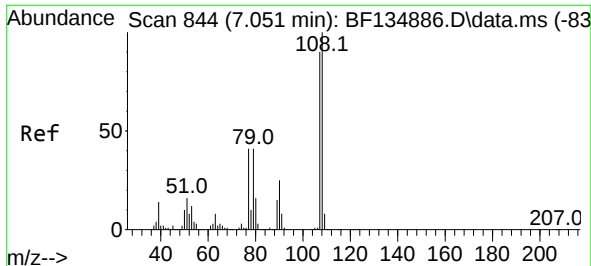
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 47.711 ng  
RT: 7.069 min Scan# 847  
Delta R.T. -0.006 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

Tgt Ion: 45 Resp: 614375  
Ion Ratio Lower Upper  
45 100  
77 14.1 0.0 33.9  
79 11.0 0.0 31.1





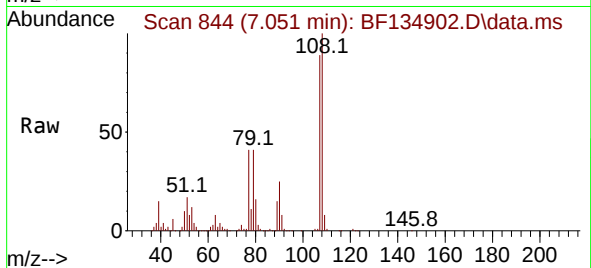
#17  
2-Methylphenol  
Concen: 50.093 ng  
RT: 7.051 min Scan# 844  
Delta R.T. 0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MS

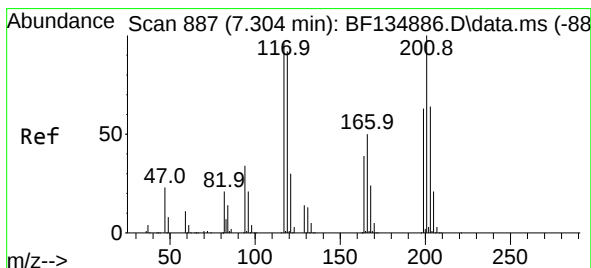
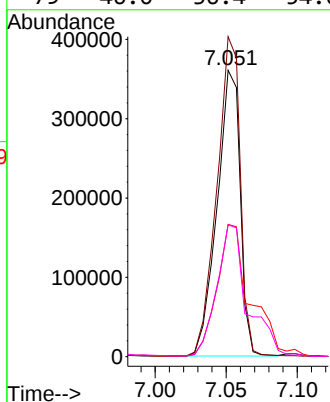
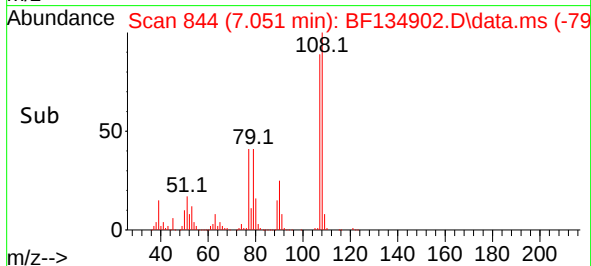


Tgt Ion:107 Resp: 407630  
Ion Ratio Lower Upper  
107 100  
108 111.8 89.0 133.6  
77 46.2 36.5 54.7  
79 46.0 36.4 54.6

Manual Integrations

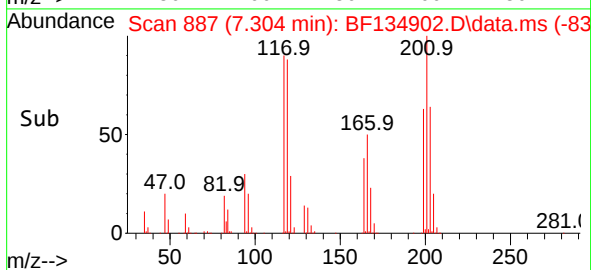
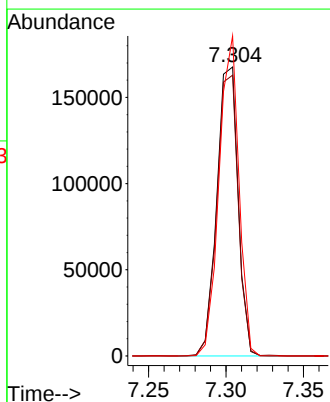
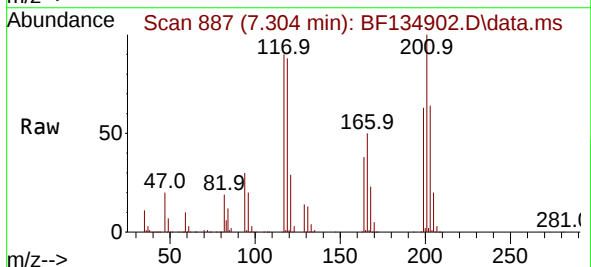
APPROVED

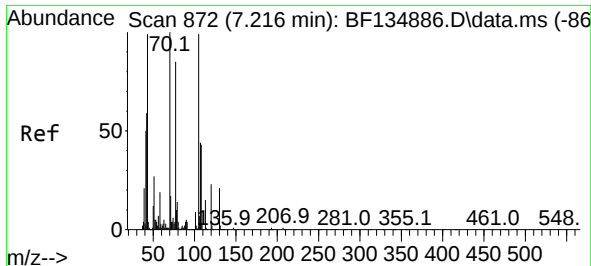
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023



#18  
Hexachloroethane  
Concen: 45.200 ng  
RT: 7.304 min Scan# 887  
Delta R.T. 0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

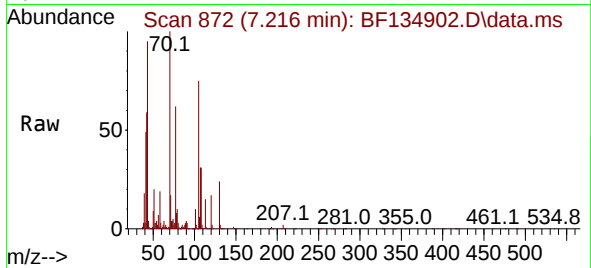
Tgt Ion:117 Resp: 160566  
Ion Ratio Lower Upper  
117 100  
119 97.2 76.6 114.8  
201 110.8 83.4 125.2





#19  
n-Nitroso-di-n-propylamine  
Concen: 47.497 ng  
RT: 7.216 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

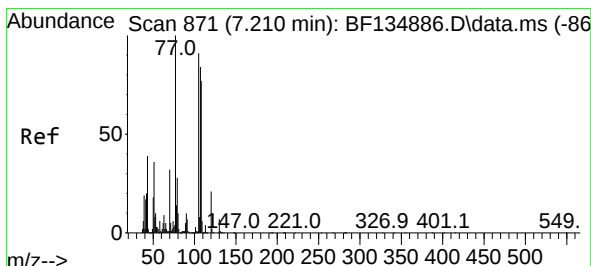
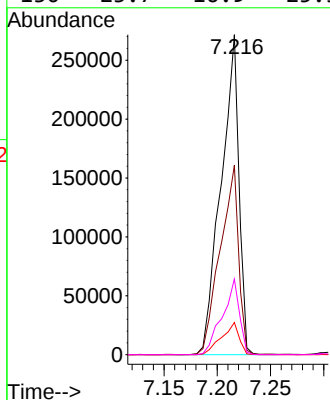
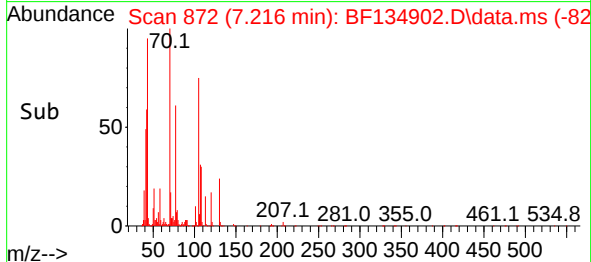
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-340MS



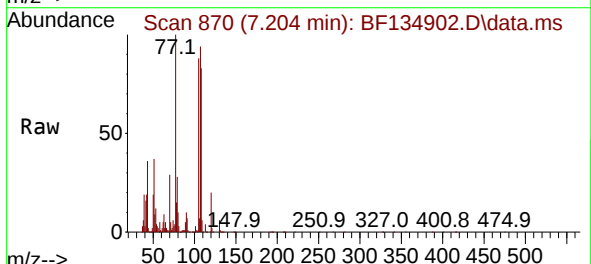
Tgt Ion: 70 Resp: 317620  
Ion Ratio Lower Upper  
70 100  
42 59.1 46.9 70.3  
101 10.1 7.5 11.3  
130 23.7 16.9 25.3

Manual Integrations  
APPROVED

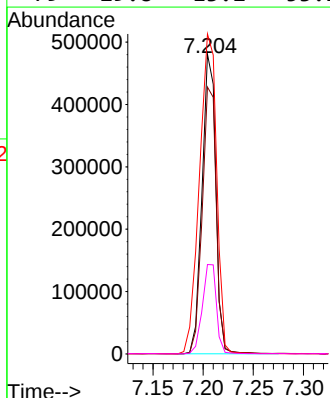
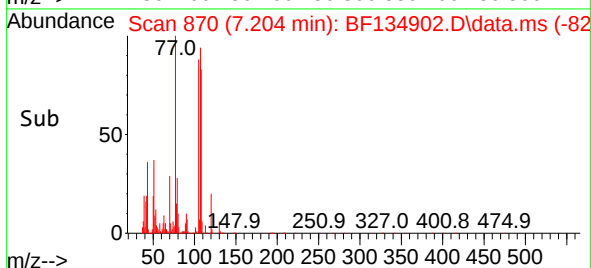
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023

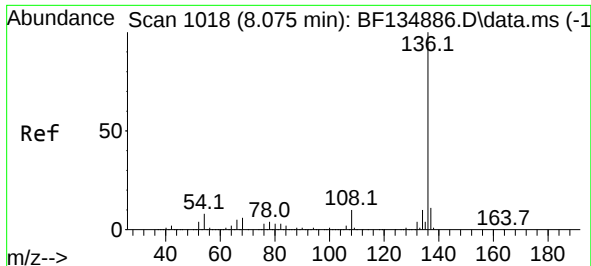


#20  
3+4-Methylphenols  
Concen: 54.762 ng  
RT: 7.204 min Scan# 870  
Delta R.T. -0.006 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58



Tgt Ion:107 Resp: 460824  
Ion Ratio Lower Upper  
107 100  
108 89.0 71.7 111.7  
77 106.8 98.4 138.4  
79 29.8 13.2 53.2





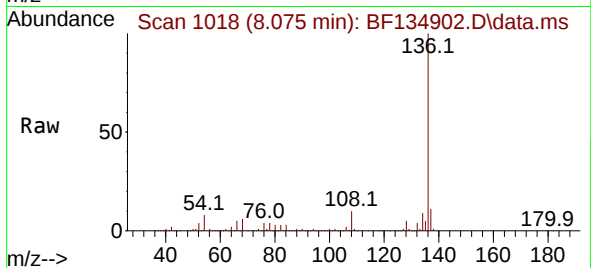
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.075 min Scan# 1018  
Delta R.T. -0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MS

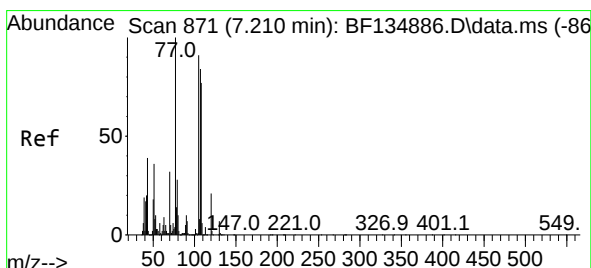
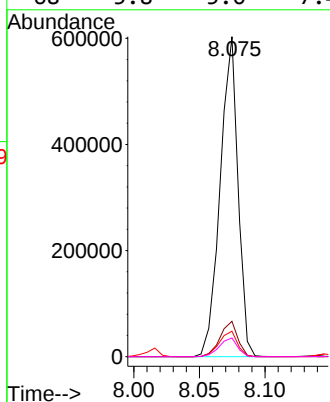
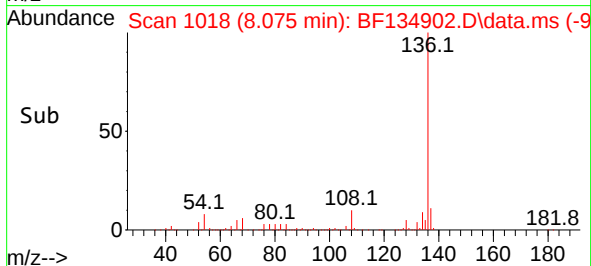


Tgt Ion:136 Resp: 569154  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.9 13.3  
54 7.9 6.6 9.8  
68 5.8 5.0 7.4

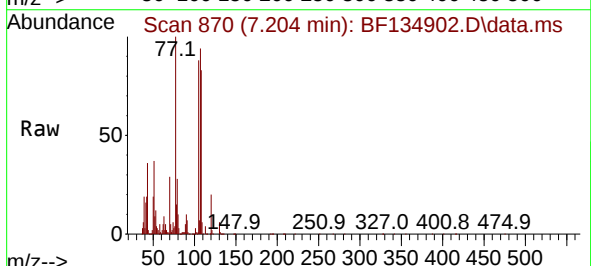
Manual Integrations

APPROVED

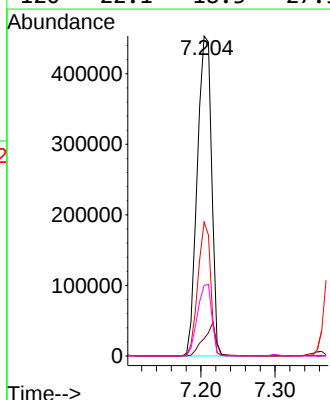
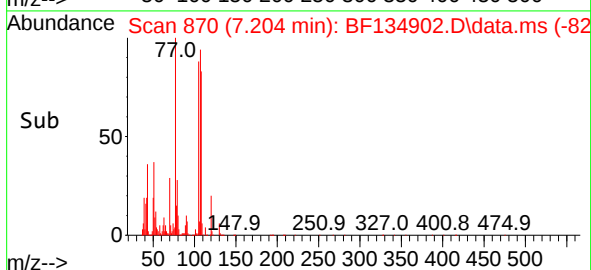
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023

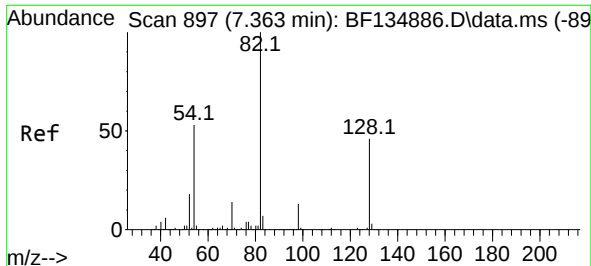


#22  
Acetophenone  
Concen: 48.419 ng  
RT: 7.204 min Scan# 870  
Delta R.T. -0.006 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58



Tgt Ion:105 Resp: 609105  
Ion Ratio Lower Upper  
105 100  
71 5.4 4.6 6.8  
51 41.9 32.2 48.2  
120 22.1 18.3 27.5





#23

Nitrobenzene-d5

Concen: 88.314 ng

RT: 7.363 min Scan# 897

Delta R.T. -0.000 min

Lab File: BF134902.D

Acq: 23 Aug 2023 13:58

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MS

Tgt Ion: 82 Resp: 91218

Ion Ratio Lower Upper

82 100

128 45.8 36.6 54.8

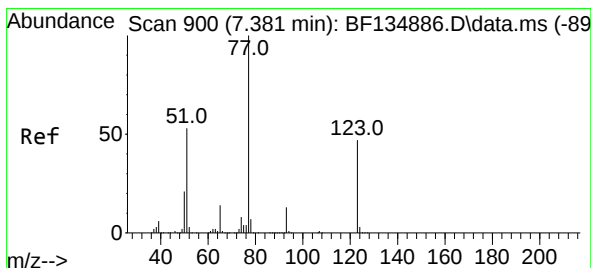
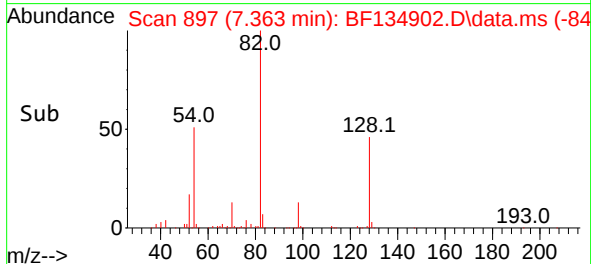
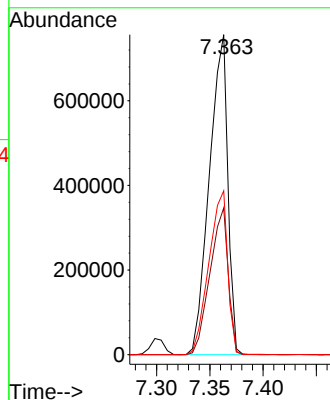
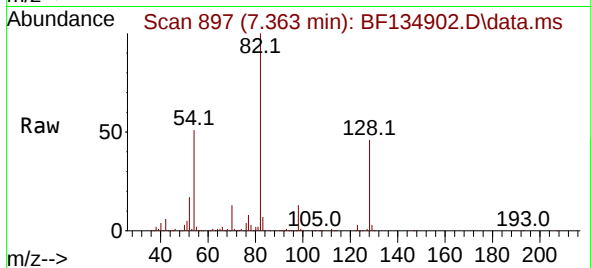
54 51.2 42.6 63.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#24

Nitrobenzene

Concen: 47.648 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF134902.D

Acq: 23 Aug 2023 13:58

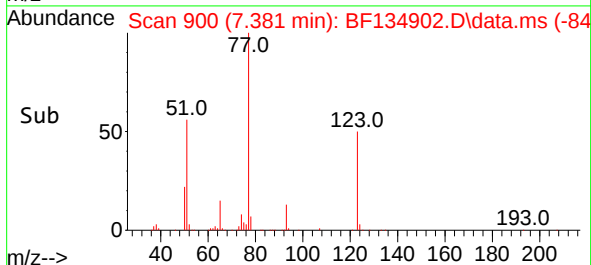
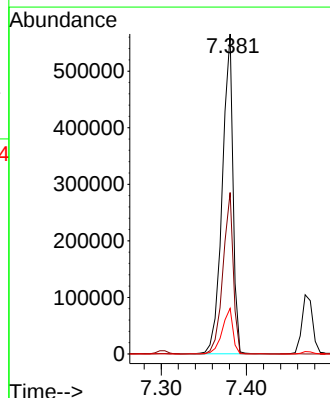
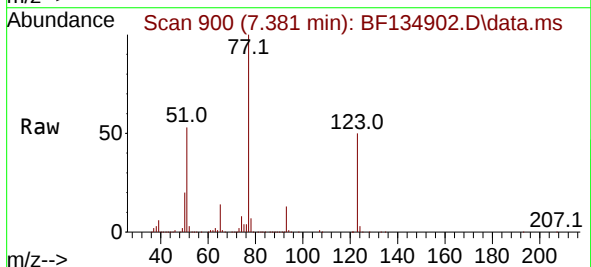
Tgt Ion: 77 Resp: 493831

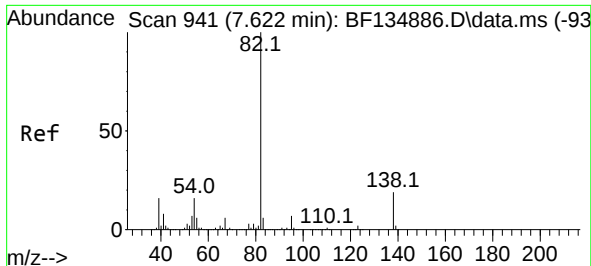
Ion Ratio Lower Upper

77 100

123 50.4 37.9 56.9

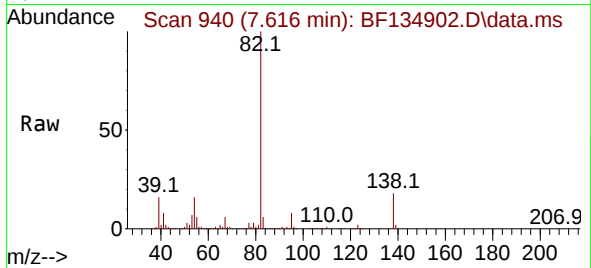
65 14.3 11.1 16.7





#25  
Isophorone  
Concen: 48.895 ng  
RT: 7.616 min Scan# 941  
Delta R.T. -0.006 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

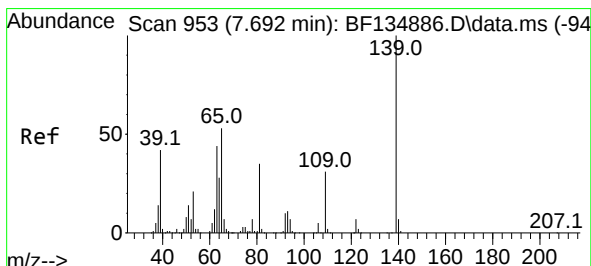
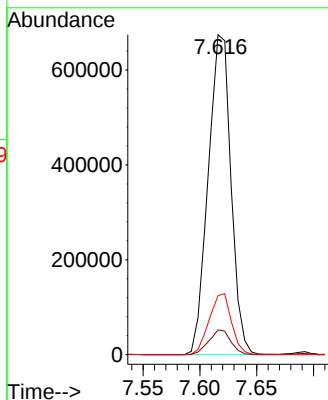
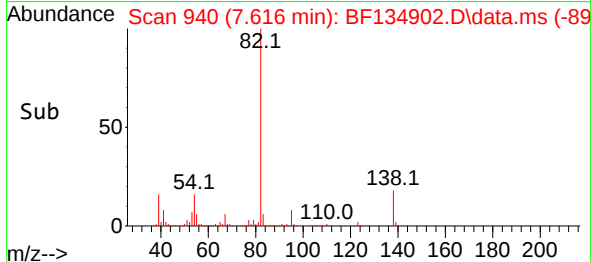
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-340MS



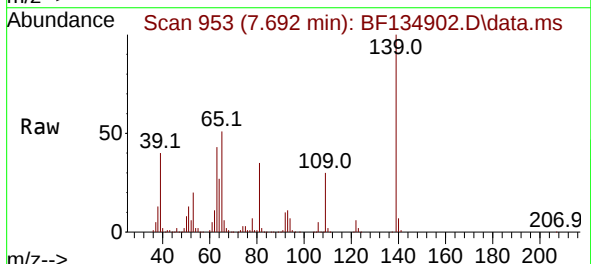
Tgt Ion: 82 Resp: 94303  
Ion Ratio Lower Upper  
82 100  
95 7.7 5.9 8.9  
138 18.4 14.9 22.3

Manual Integrations  
APPROVED

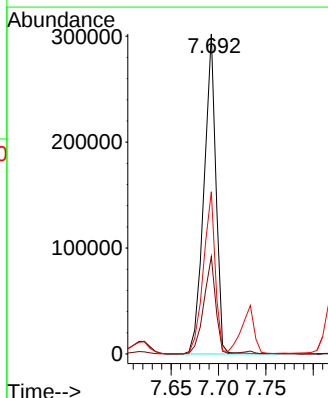
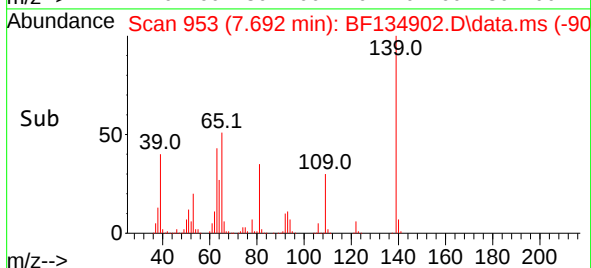
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023

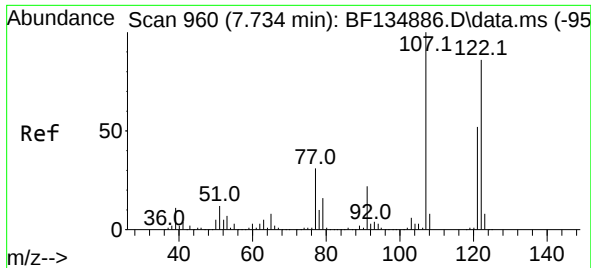


#26  
2-Nitrophenol  
Concen: 51.575 ng  
RT: 7.692 min Scan# 953  
Delta R.T. -0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58



Tgt Ion:139 Resp: 266116  
Ion Ratio Lower Upper  
139 100  
109 30.4 24.5 36.7  
65 50.7 42.4 63.6





#27  
2,4-Dimethylphenol  
Concen: 50.147 ng  
RT: 7.734 min Scan# 90  
Delta R.T. -0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

Instrument :

BNA\_F

ClientSampleId :

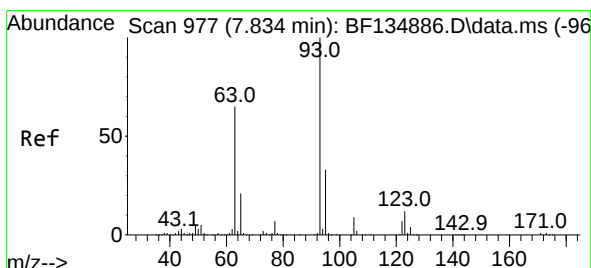
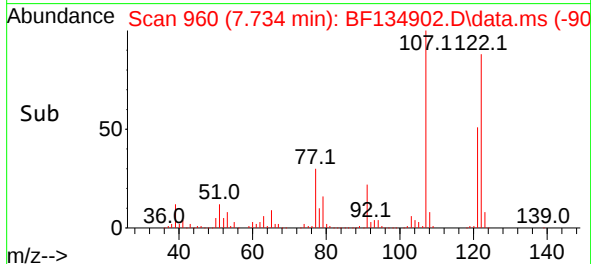
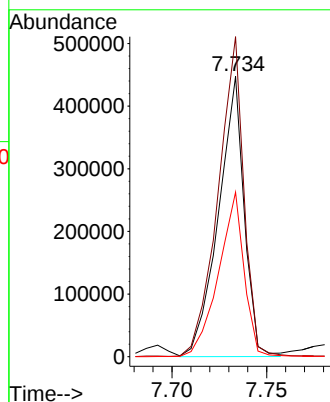
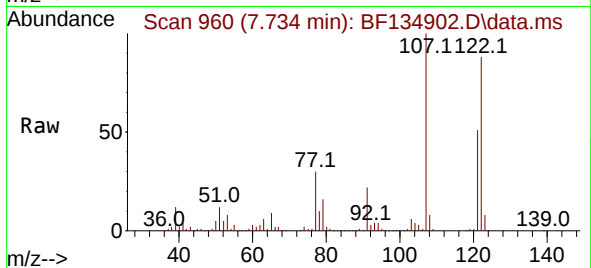
ETGI-340MS

Tgt Ion:122 Resp: 42202  
Ion Ratio Lower Upper  
122 100  
107 114.1 92.9 139.3  
121 58.7 48.4 72.6

Manual Integrations

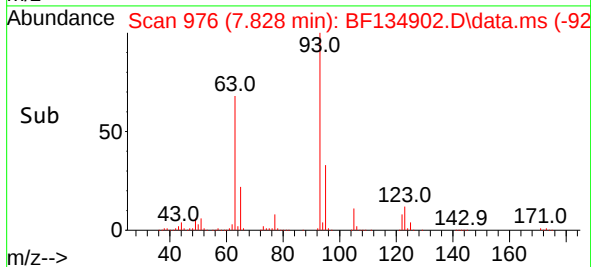
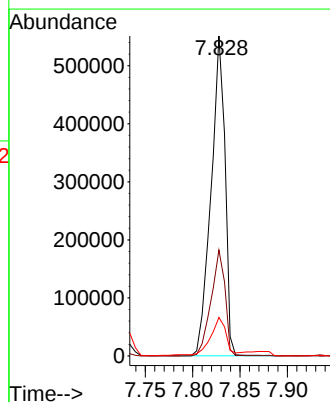
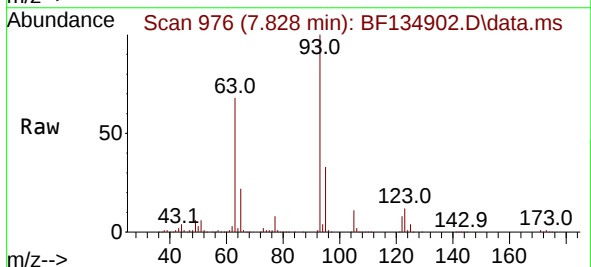
APPROVED

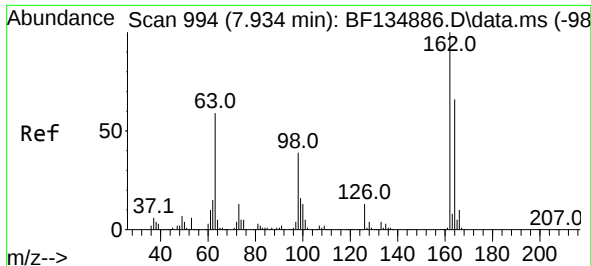
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023



#28  
bis(2-Chloroethoxy)methane  
Concen: 48.991 ng  
RT: 7.828 min Scan# 976  
Delta R.T. -0.006 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

Tgt Ion: 93 Resp: 563162  
Ion Ratio Lower Upper  
93 100  
95 33.1 26.3 39.5  
123 12.0 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 52.002 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF134902.D

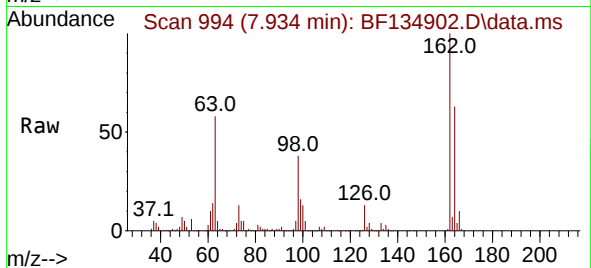
Acq: 23 Aug 2023 13:58

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MS



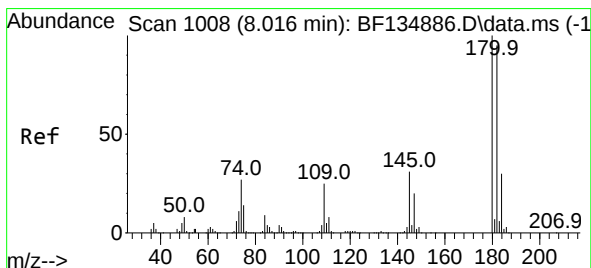
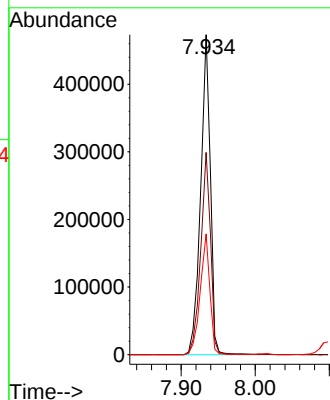
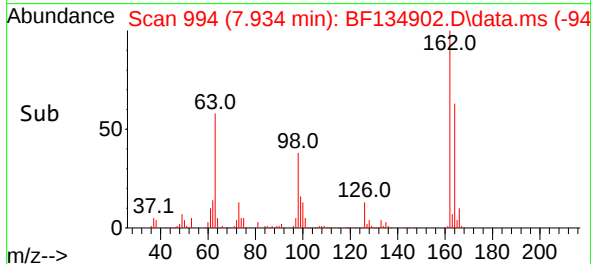
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 162   | Resp: | 43240 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 164       | 63.2  | 45.6  | 85.6  |
| 98        | 37.7  | 18.5  | 58.5  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#30

1,2,4-Trichlorobenzene

Concen: 48.737 ng

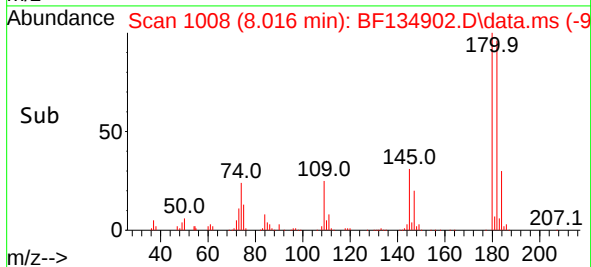
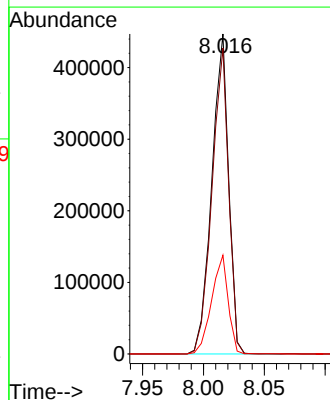
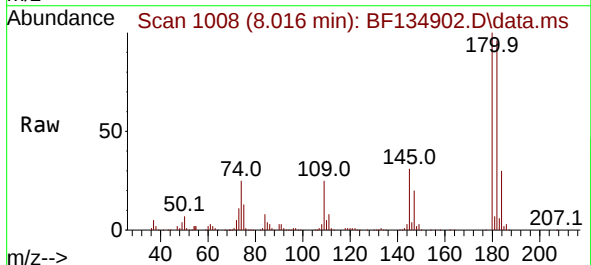
RT: 8.016 min Scan# 1008

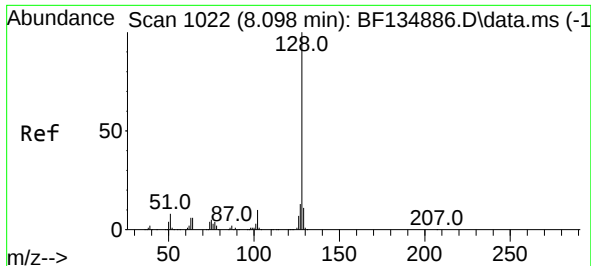
Delta R.T. -0.000 min

Lab File: BF134902.D

Acq: 23 Aug 2023 13:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 430237 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.6  | 76.0  | 114.0  |
| 145       | 30.9  | 24.6  | 37.0   |





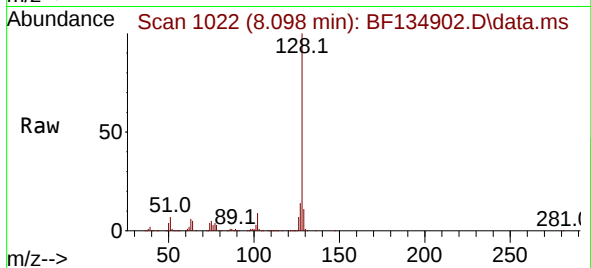
#31  
Naphthalene  
Concen: 47.825 ng  
RT: 8.098 min Scan# 1022  
Delta R.T. -0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MS

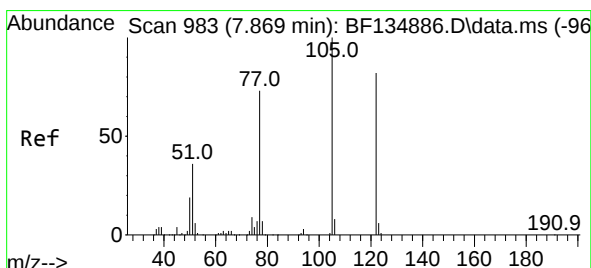
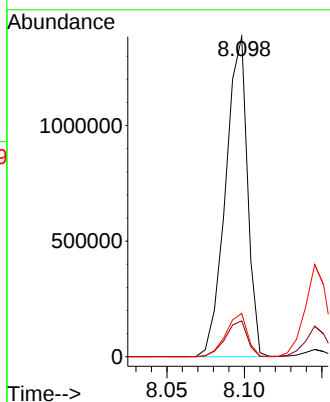
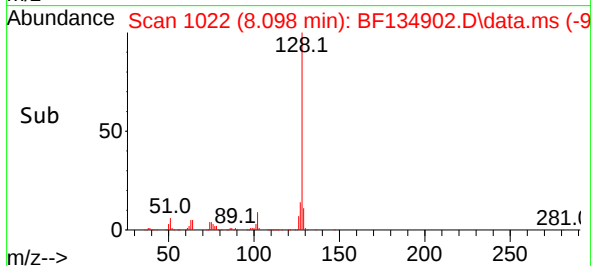


Tgt Ion:128 Resp: 135915  
Ion Ratio Lower Upper  
128 100  
129 11.2 9.0 13.4  
127 13.5 10.6 16.0

Manual Integrations

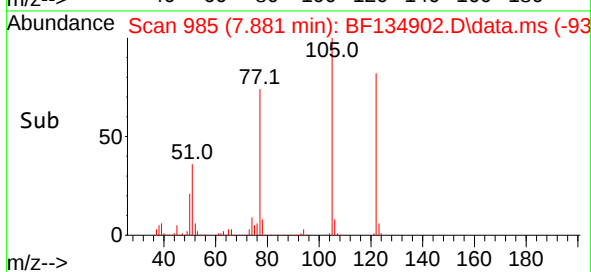
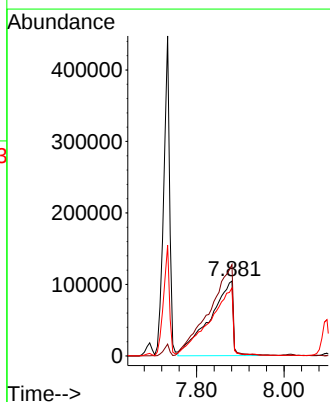
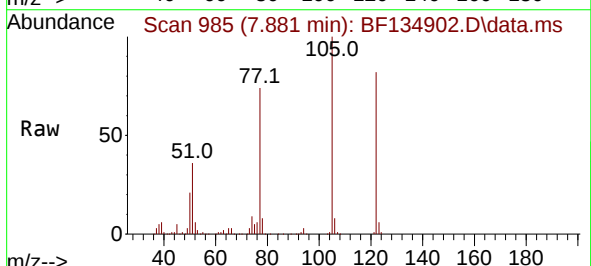
APPROVED

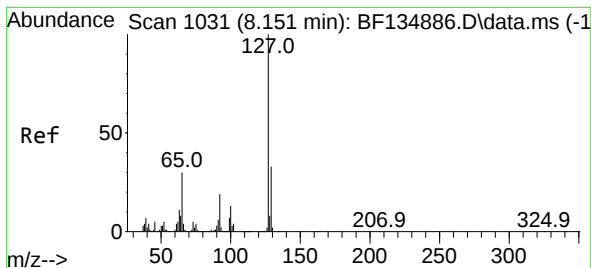
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023



#32  
Benzoic acid  
Concen: 62.514 ng  
RT: 7.881 min Scan# 985  
Delta R.T. 0.012 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

Tgt Ion:122 Resp: 388263  
Ion Ratio Lower Upper  
122 100  
105 122.0 98.6 138.6  
77 90.7 68.6 108.6





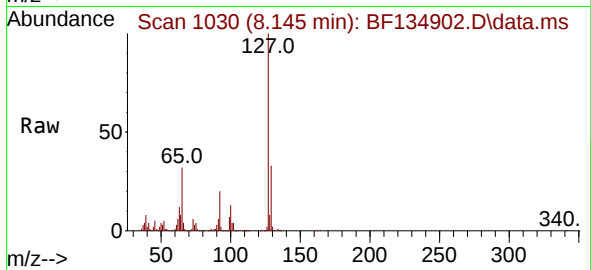
#33  
4-Chloroaniline  
Concen: 33.372 ng  
RT: 8.145 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MS

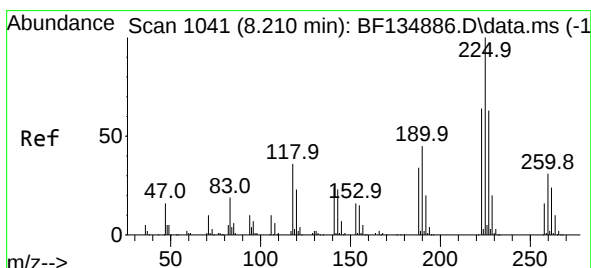
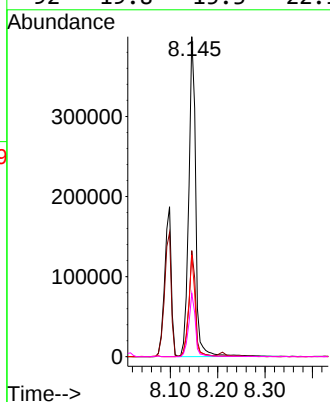
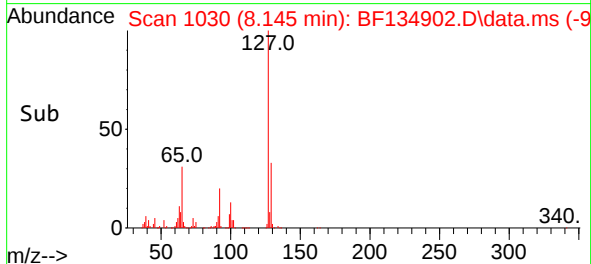


Tgt Ion:127 Resp: 406929  
Ion Ratio Lower Upper  
127 100  
129 33.2 26.4 39.6  
65 31.8 23.8 35.8  
92 19.8 15.3 22.9

Manual Integrations

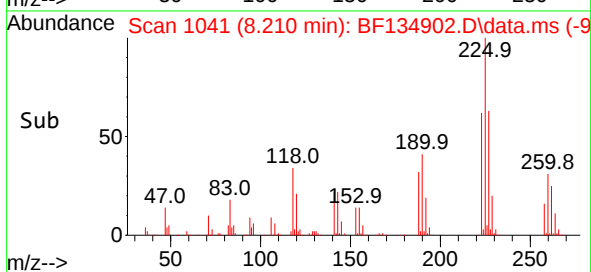
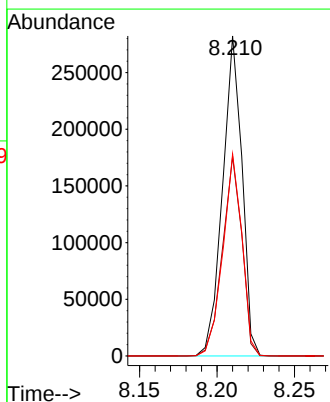
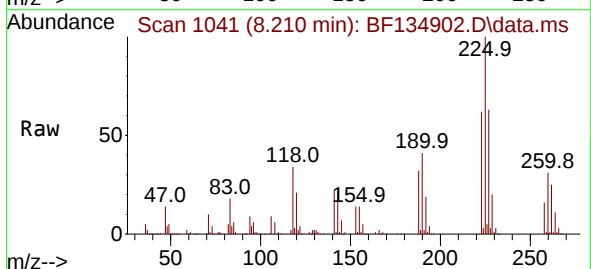
APPROVED

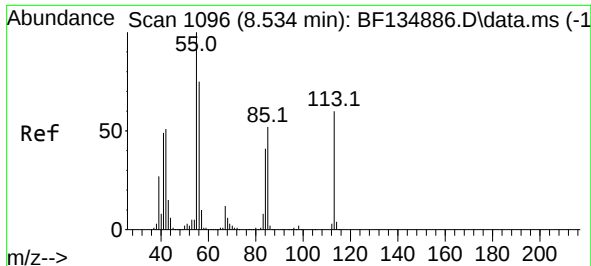
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023



#34  
Hexachlorobutadiene  
Concen: 46.820 ng  
RT: 8.210 min Scan# 1041  
Delta R.T. -0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

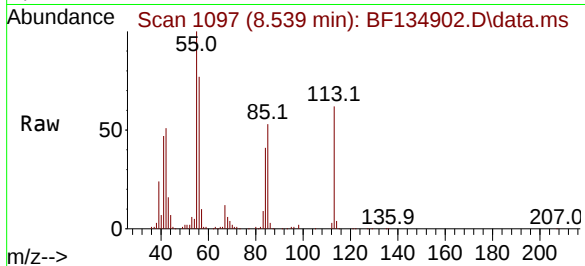
Tgt Ion:225 Resp: 245816  
Ion Ratio Lower Upper  
225 100  
223 62.4 51.1 76.7  
227 63.2 50.1 75.1





#35  
Caprolactam  
Concen: 54.464 ng m  
RT: 8.539 min Scan# 1096  
Delta R.T. 0.006 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

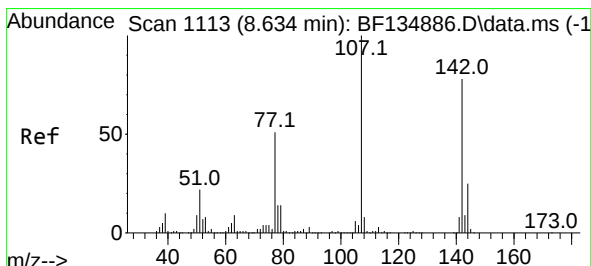
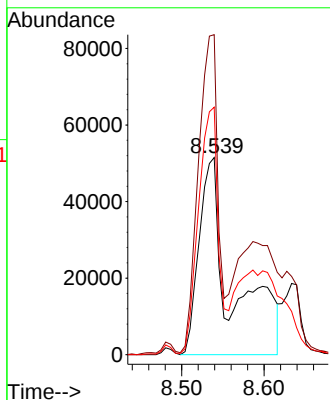
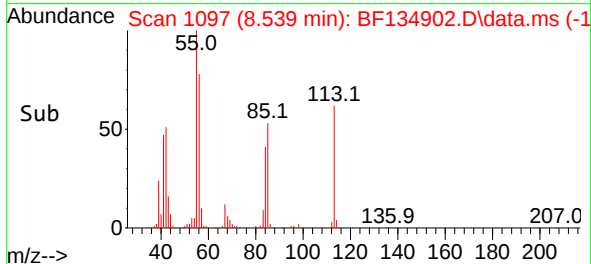
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-340MS



Tgt Ion:113 Resp: 14137  
Ion Ratio Lower Upper  
113 100  
55 162.4 147.2 187.2  
56 125.6 106.0 146.0

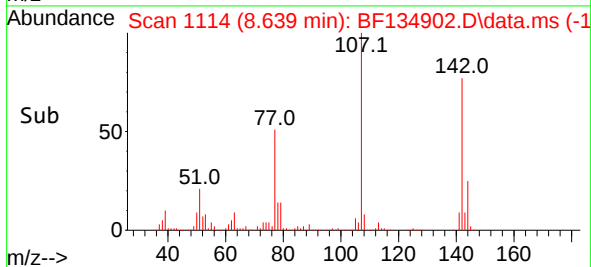
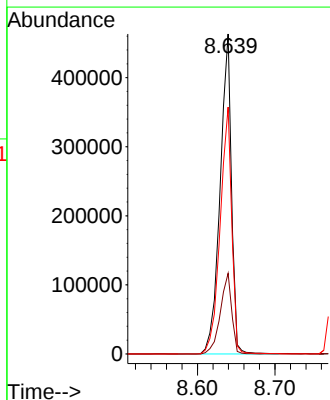
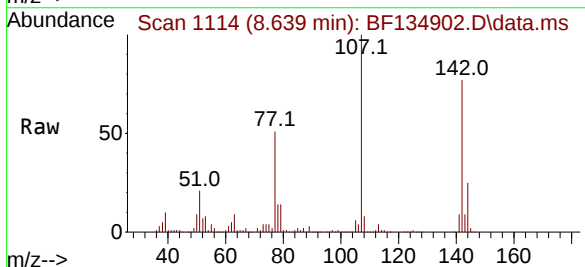
Manual Integrations  
APPROVED

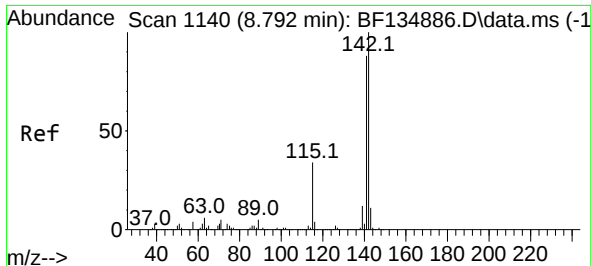
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023



#36  
4-Chloro-3-methylphenol  
Concen: 53.903 ng  
RT: 8.639 min Scan# 1114  
Delta R.T. 0.006 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

Tgt Ion:107 Resp: 472995  
Ion Ratio Lower Upper  
107 100  
144 25.2 20.2 30.2  
142 77.2 62.5 93.7





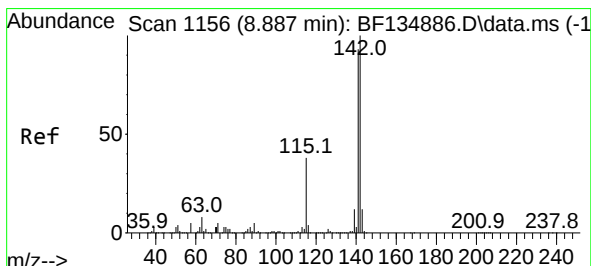
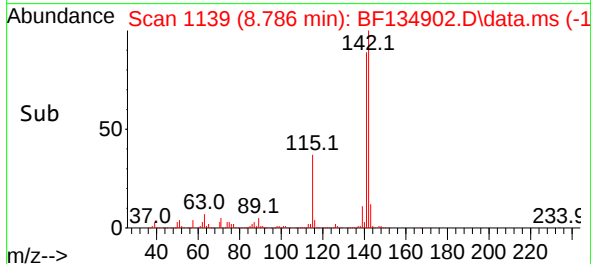
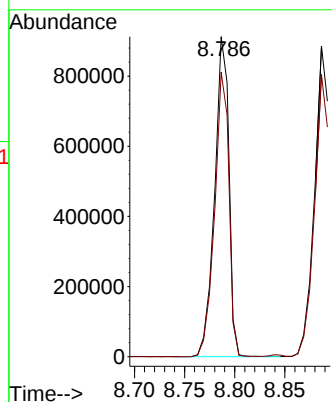
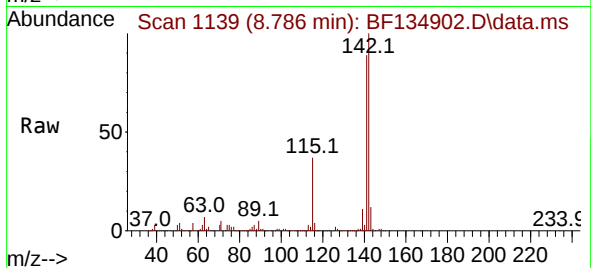
#37  
2-Methylnaphthalene  
Concen: 47.770 ng  
RT: 8.786 min Scan# 1139  
Delta R.T. -0.006 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-340MS

Tgt Ion:142 Resp: 90536  
Ion Ratio Lower Upper  
142 100  
141 88.9 70.2 105.2

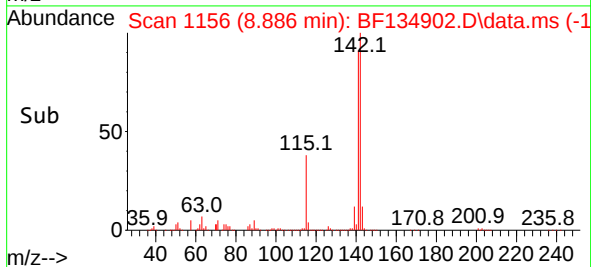
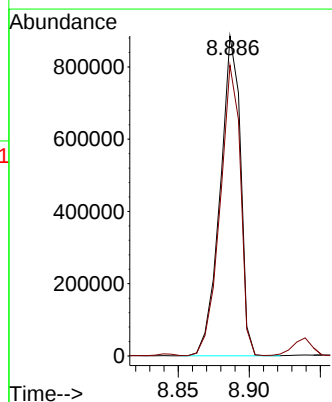
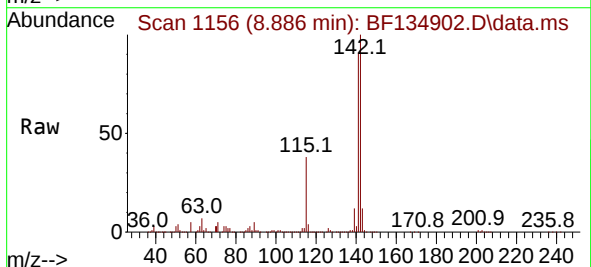
Manual Integrations  
APPROVED

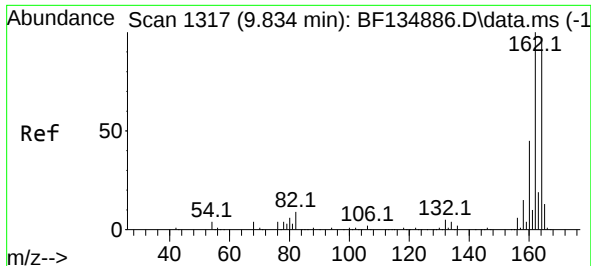
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023



#38  
1-Methylnaphthalene  
Concen: 49.617 ng  
RT: 8.886 min Scan# 1156  
Delta R.T. -0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

Tgt Ion:142 Resp: 879316  
Ion Ratio Lower Upper  
142 100  
141 90.8 74.1 111.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1117

Delta R.T. -0.000 min

Lab File: BF134902.D

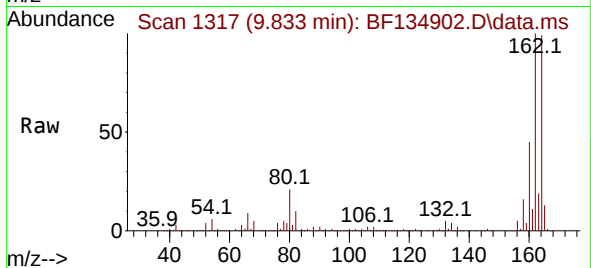
Acq: 23 Aug 2023 13:58

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MS



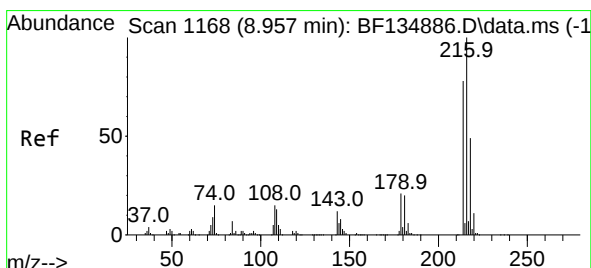
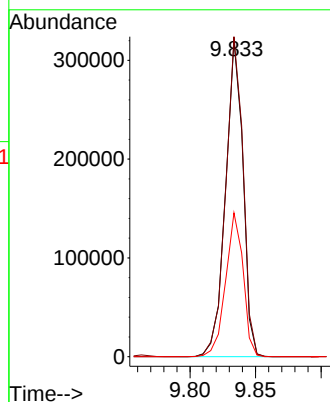
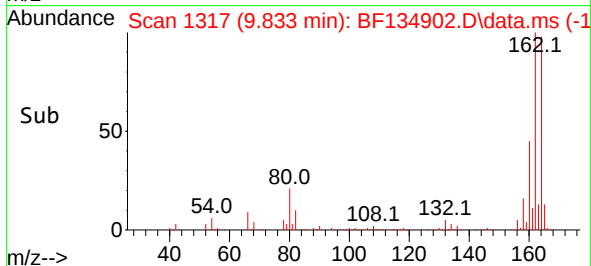
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:164 | Resp: | 29576      |
| Ion Ratio   | Lower | Upper      |
| 164         | 100   |            |
| 162         | 101.3 | 82.6 123.8 |
| 160         | 45.5  | 37.0 55.4  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.675 ng

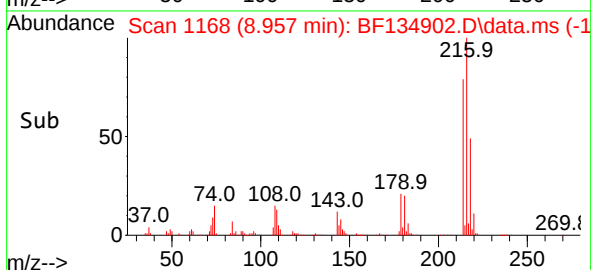
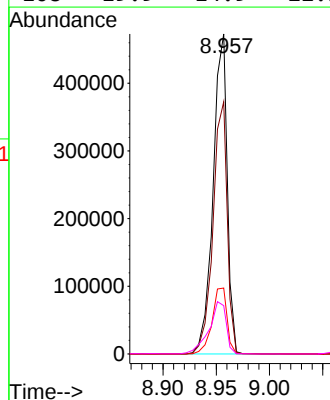
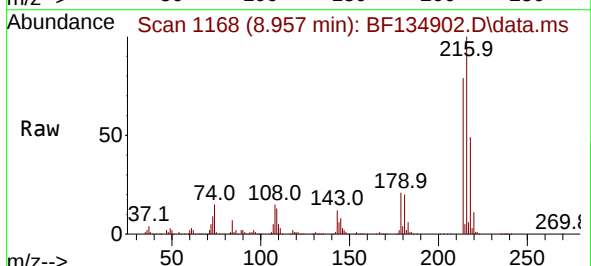
RT: 8.957 min Scan# 1168

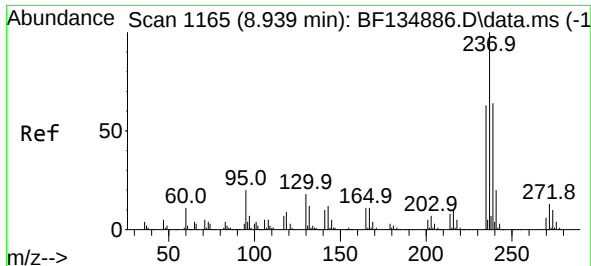
Delta R.T. -0.000 min

Lab File: BF134902.D

Acq: 23 Aug 2023 13:58

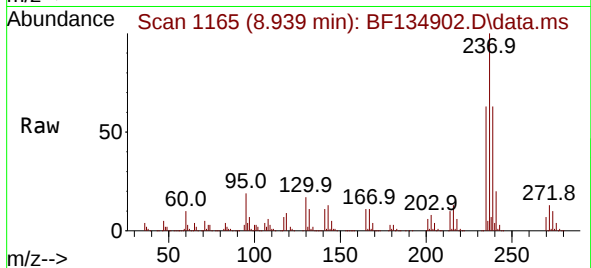
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:216 | Resp: | 438674    |
| Ion Ratio   | Lower | Upper     |
| 216         | 100   |           |
| 214         | 79.2  | 63.1 94.7 |
| 179         | 21.7  | 17.3 25.9 |
| 108         | 19.9  | 14.9 22.3 |





#41  
Hexachlorocyclopentadiene  
Concen: 101.699 ng  
RT: 8.939 min Scan# 1165  
Delta R.T. 0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

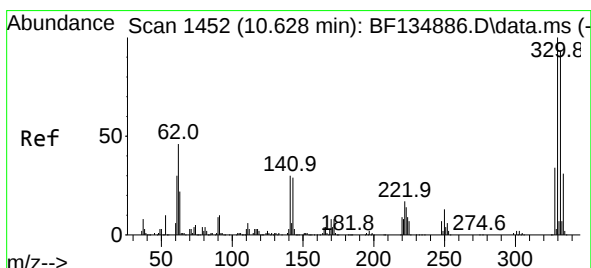
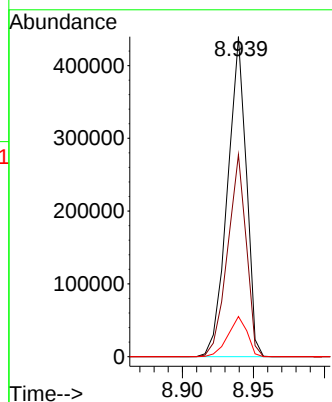
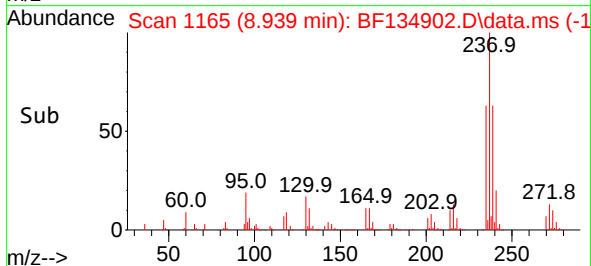
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-340MS



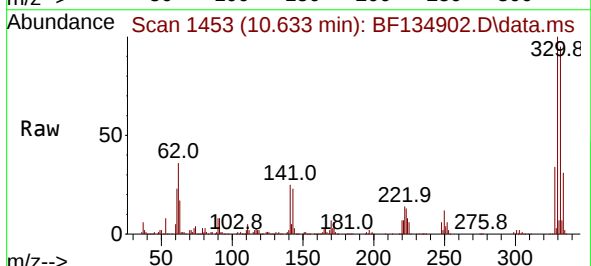
Tgt Ion:237 Resp: 40579  
Ion Ratio Lower Upper  
237 100  
235 63.1 43.1 83.1  
272 12.6 0.0 32.6

Manual Integrations  
APPROVED

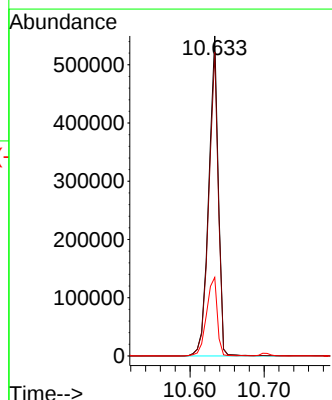
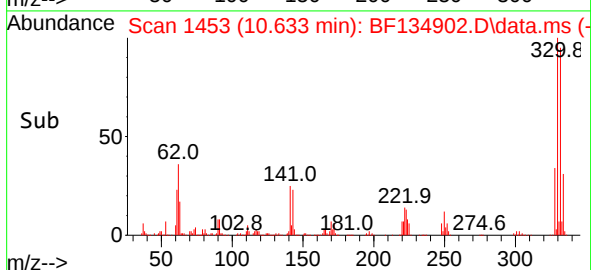
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023

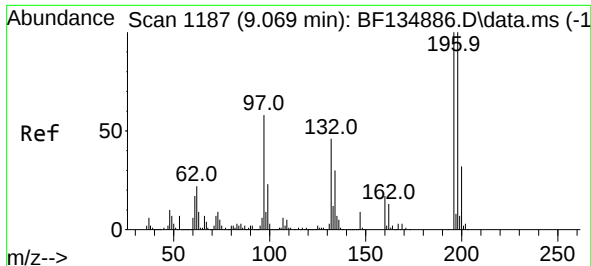


#42  
2,4,6-Tribromophenol  
Concen: 142.015 ng  
RT: 10.633 min Scan# 1453  
Delta R.T. 0.006 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58



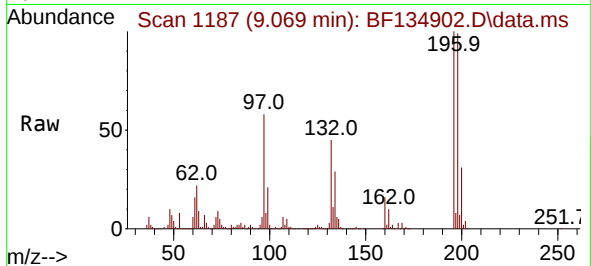
Tgt Ion:330 Resp: 494688  
Ion Ratio Lower Upper  
330 100  
332 95.0 76.3 114.5  
141 27.5 23.4 35.2





#43  
2,4,6-Trichlorophenol  
Concen: 53.762 ng  
RT: 9.069 min Scan# 1187  
Delta R.T. -0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

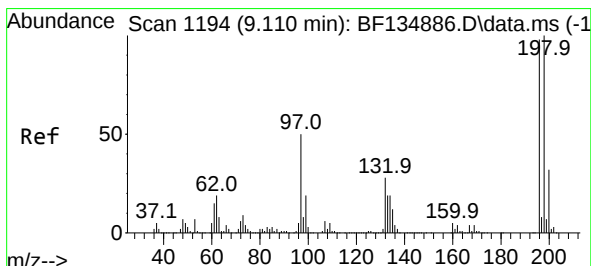
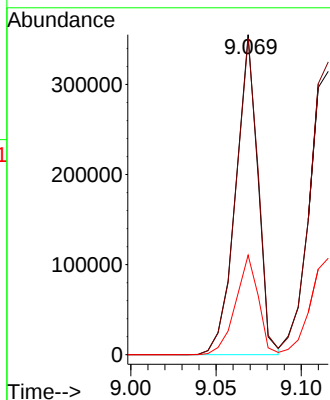
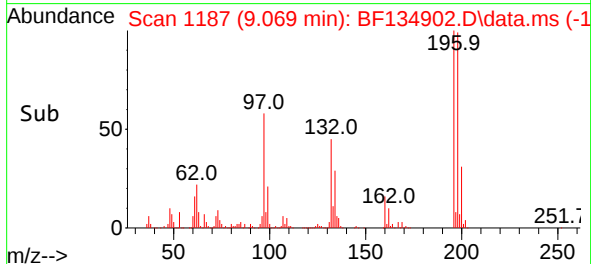
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-340MS



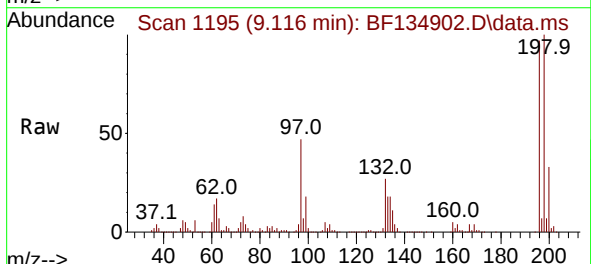
Tgt Ion:196 Resp: 31999  
Ion Ratio Lower Upper  
196 100  
198 98.8 79.8 119.6  
200 31.1 25.8 38.6

Manual Integrations  
APPROVED

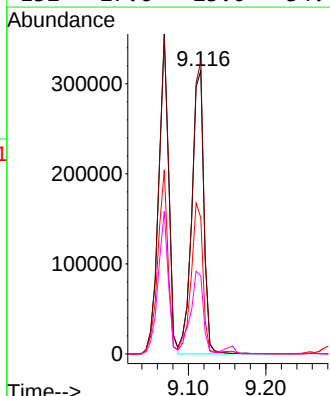
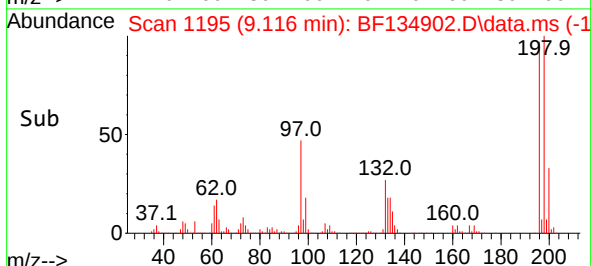
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023

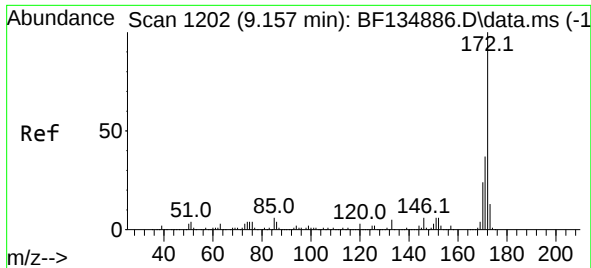


#44  
2,4,5-Trichlorophenol  
Concen: 49.044 ng  
RT: 9.116 min Scan# 1195  
Delta R.T. 0.006 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58



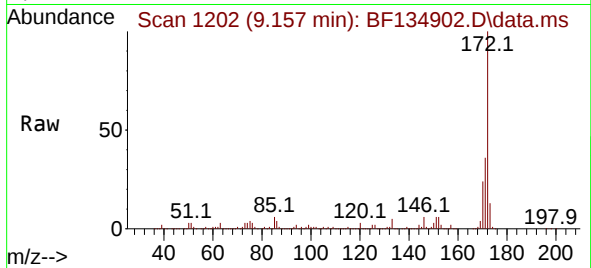
Tgt Ion:196 Resp: 337960  
Ion Ratio Lower Upper  
196 100  
198 103.3 81.8 122.6  
97 48.1 41.3 61.9  
132 27.6 23.0 34.4





#45  
2-Fluorobiphenyl  
Concen: 85.434 ng  
RT: 9.157 min Scan# 1202  
Delta R.T. 0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

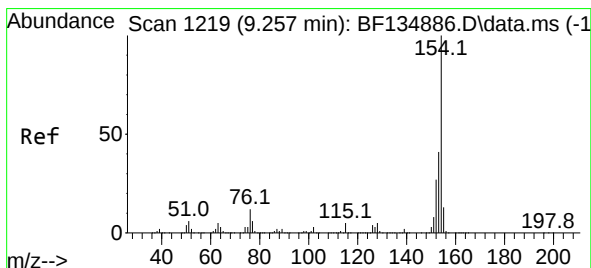
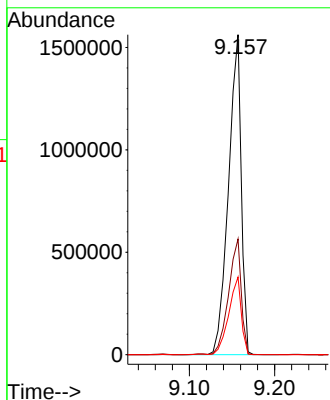
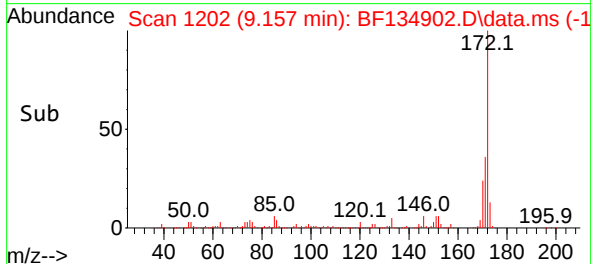
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-340MS



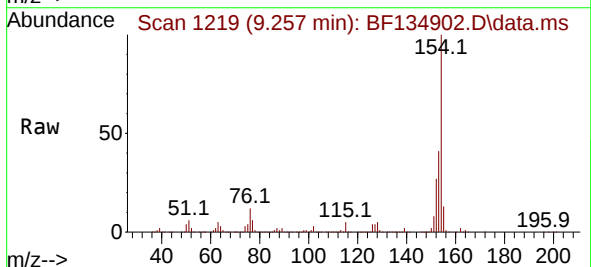
Tgt Ion:172 Resp: 163453  
Ion Ratio Lower Upper  
172 100  
171 36.1 29.4 44.0  
170 24.3 19.6 29.4

Manual Integrations  
APPROVED

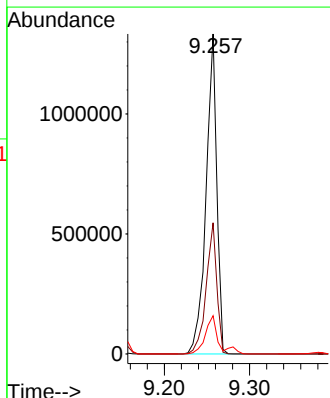
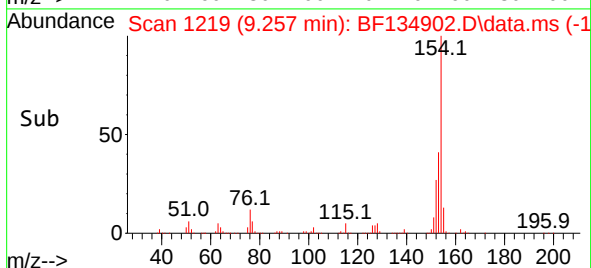
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023

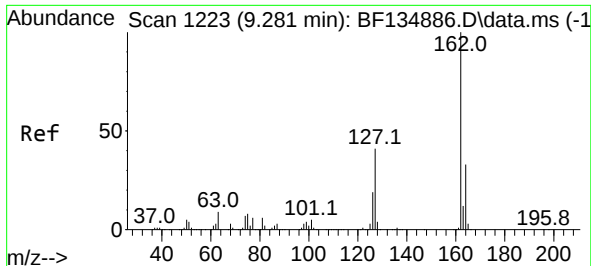


#46  
1,1'-Biphenyl  
Concen: 49.841 ng  
RT: 9.257 min Scan# 1219  
Delta R.T. -0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58



Tgt Ion:154 Resp: 1163787  
Ion Ratio Lower Upper  
154 100  
153 41.0 21.3 61.3  
76 12.0 0.0 31.8





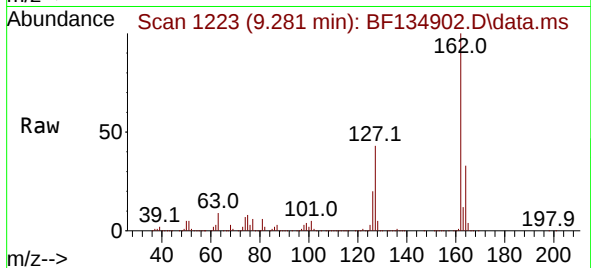
#47  
2-Chloronaphthalene  
Concen: 51.281 ng  
RT: 9.281 min Scan# 1223  
Delta R.T. -0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MS

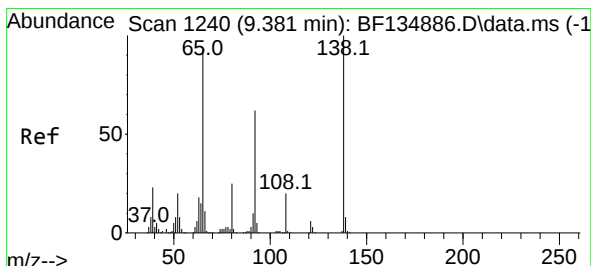
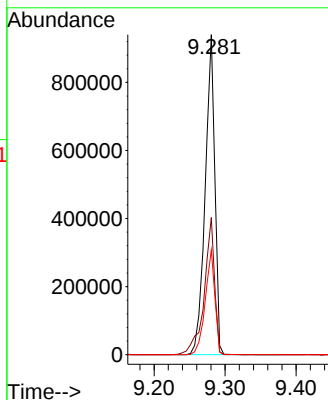
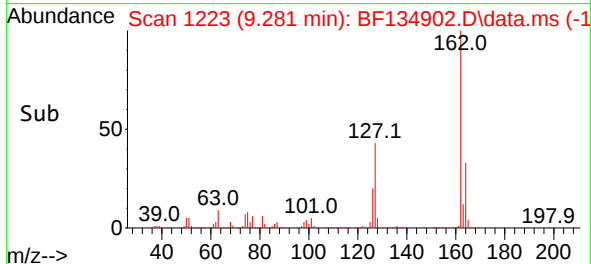


Tgt Ion:162 Resp: 894225  
Ion Ratio Lower Upper  
162 100  
127 42.9 33.4 50.0  
164 32.7 26.6 39.8

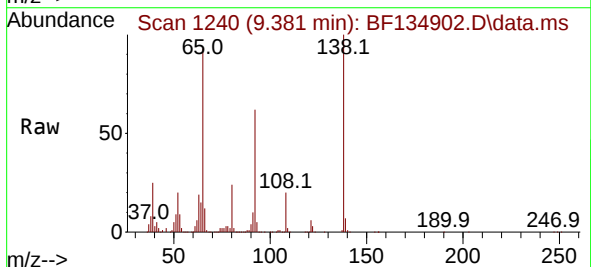
Manual Integrations

APPROVED

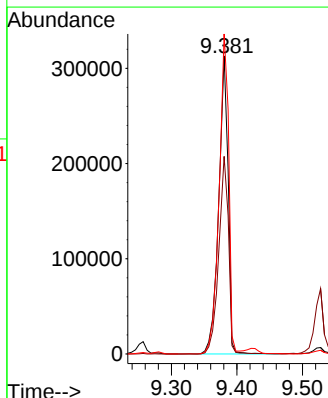
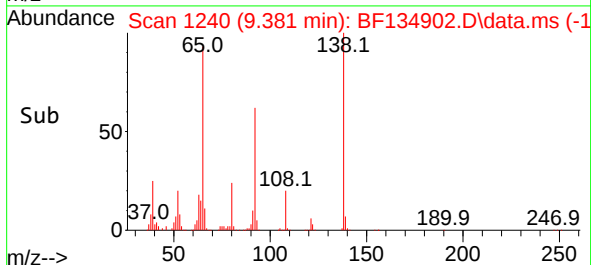
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023

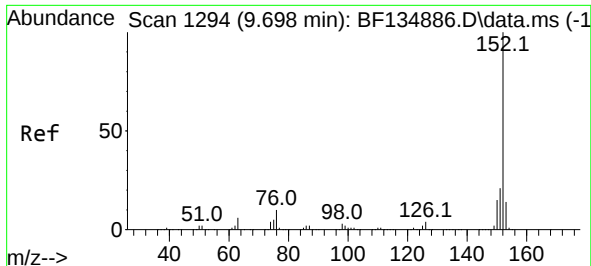


#48  
2-Nitroaniline  
Concen: 54.147 ng  
RT: 9.381 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58



Tgt Ion: 65 Resp: 310381  
Ion Ratio Lower Upper  
65 100  
92 66.3 53.8 80.8  
138 107.4 86.5 129.7





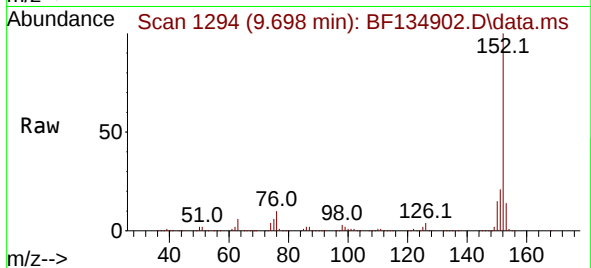
#49  
Acenaphthylene  
Concen: 51.816 ng  
RT: 9.698 min Scan# 1294  
Delta R.T. 0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MS

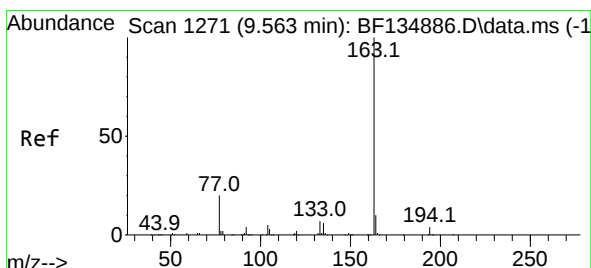
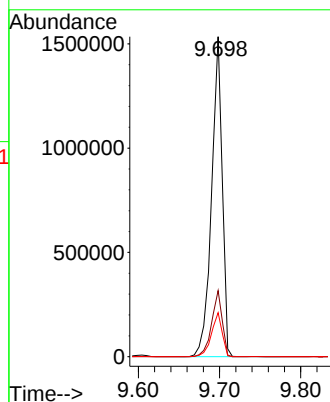
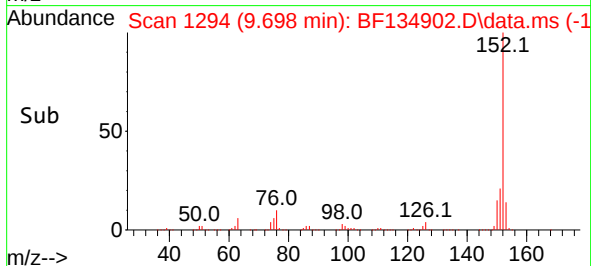


Tgt Ion:152 Resp: 139147  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.5 24.7  
153 13.7 11.3 16.9

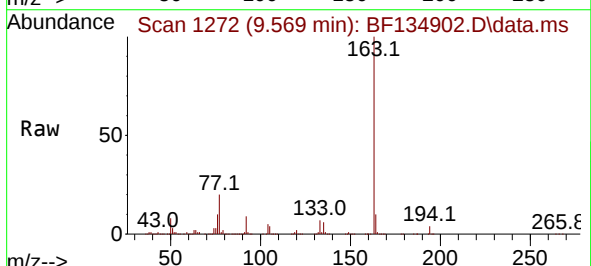
Manual Integrations

APPROVED

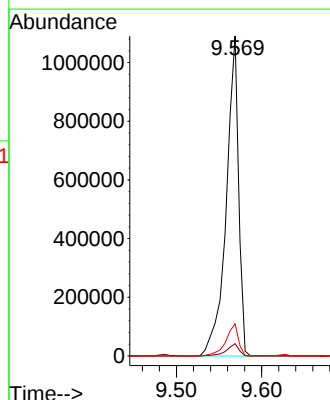
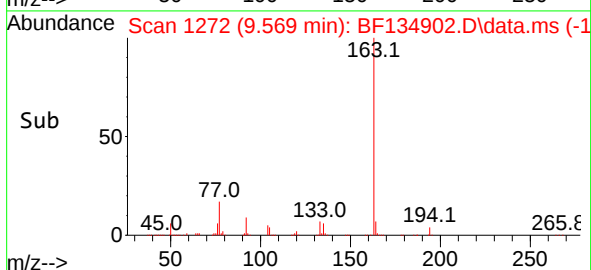
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023

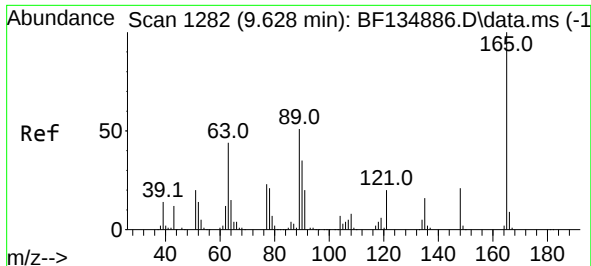


#50  
Dimethylphthalate  
Concen: 52.245 ng  
RT: 9.569 min Scan# 1272  
Delta R.T. 0.006 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58



Tgt Ion:163 Resp: 1099905  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.2 4.8  
164 10.0 8.2 12.4





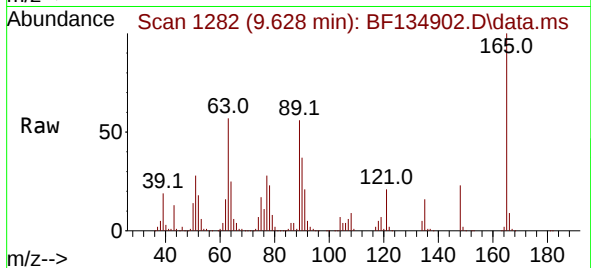
#51  
2,6-Dinitrotoluene  
Concen: 54.083 ng  
RT: 9.628 min Scan# 1282  
Delta R.T. -0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MS

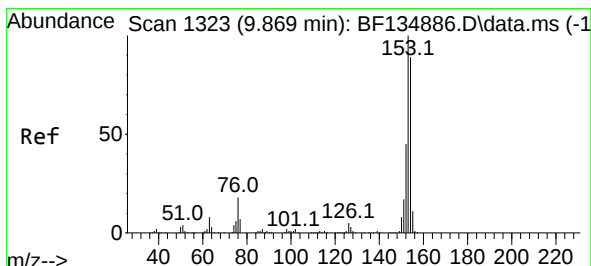
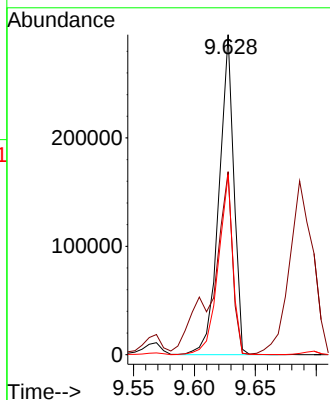
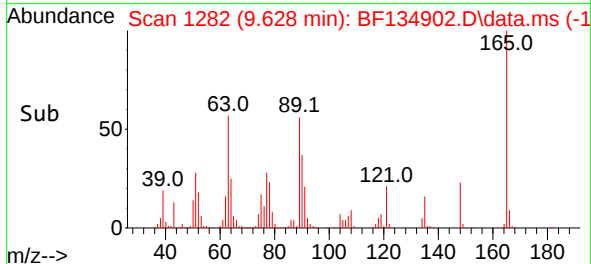


Tgt Ion:165 Resp: 251120  
Ion Ratio Lower Upper  
165 100  
63 57.2 41.4 62.2  
89 56.3 40.9 61.3

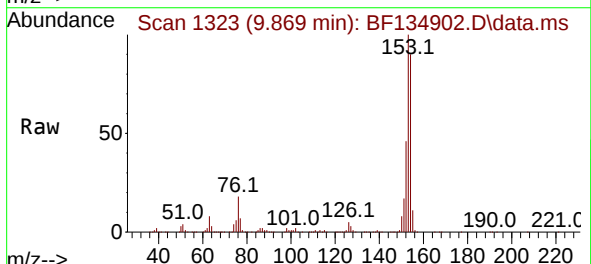
Manual Integrations

APPROVED

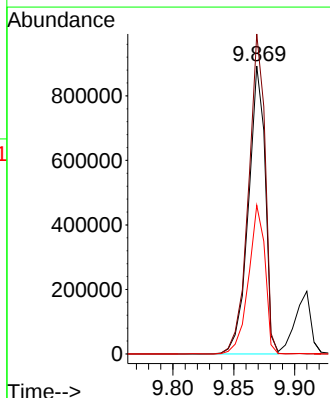
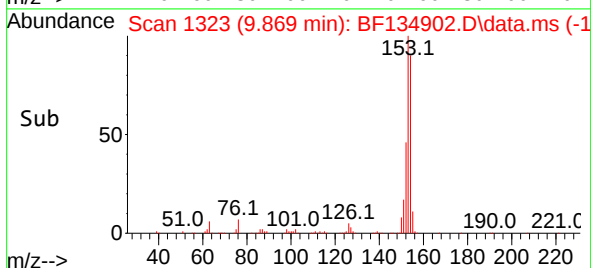
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023

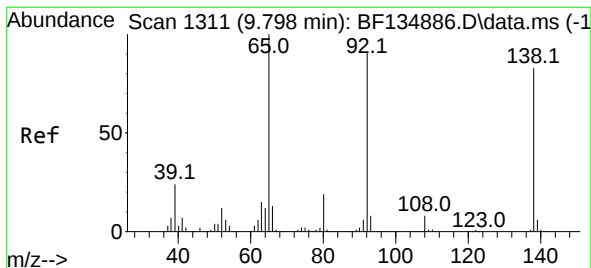


#52  
Acenaphthene  
Concen: 50.535 ng  
RT: 9.869 min Scan# 1323  
Delta R.T. -0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58



Tgt Ion:154 Resp: 854923  
Ion Ratio Lower Upper  
154 100  
153 111.1 89.6 134.4  
152 51.6 40.5 60.7





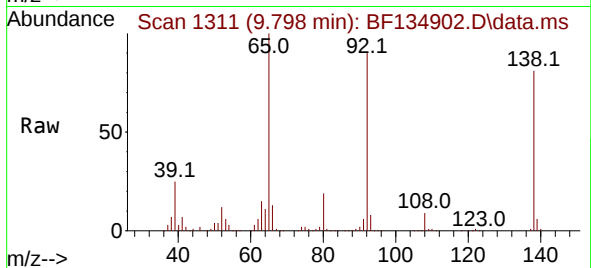
#53  
3-Nitroaniline  
Concen: 41.067 ng  
RT: 9.798 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MS



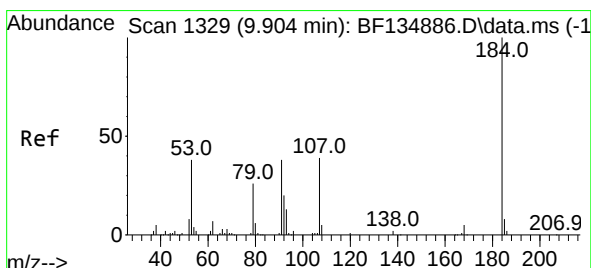
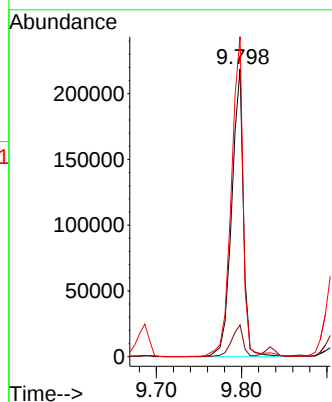
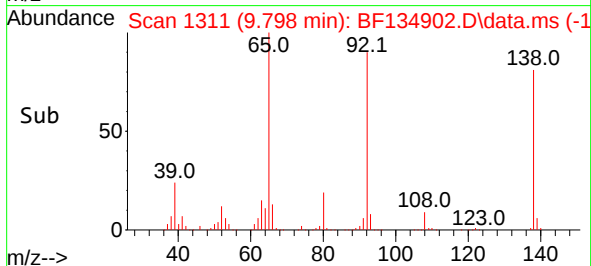
Tgt Ion:138 Resp: 208279  
Ion Ratio Lower Upper  
138 100  
108 11.0 8.0 12.0  
92 111.2 87.6 131.4

Manual Integrations

APPROVED

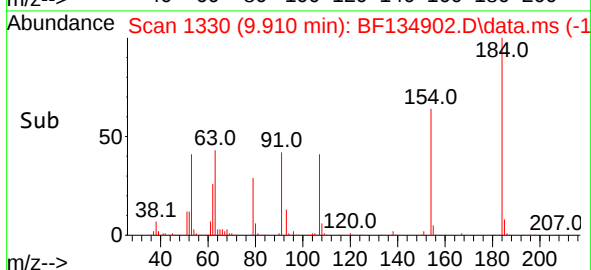
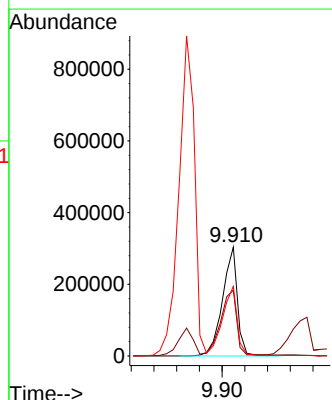
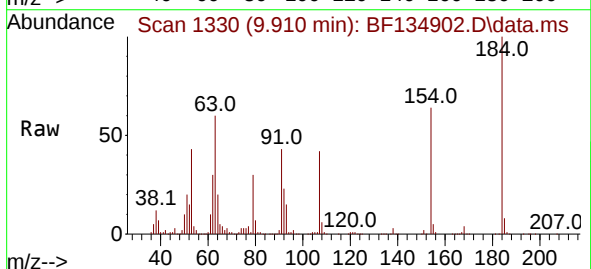
Reviewed By :Yogesh Patel 08/24/2023

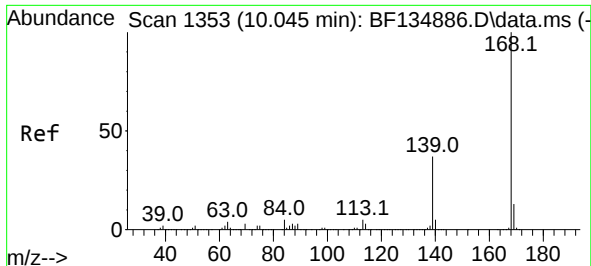
Supervised By :mohammad ahmed 08/24/2023



#54  
2,4-Dinitrophenol  
Concen: 127.341 ng  
RT: 9.910 min Scan# 1330  
Delta R.T. 0.006 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

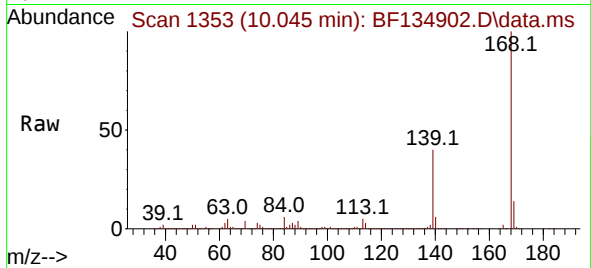
Tgt Ion:184 Resp: 279769  
Ion Ratio Lower Upper  
184 100  
63 60.4 42.8 64.2  
154 64.0 48.0 72.0





#55  
Dibenzenofuran  
Concen: 49.785 ng  
RT: 10.045 min Scan# 1353  
Delta R.T. -0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

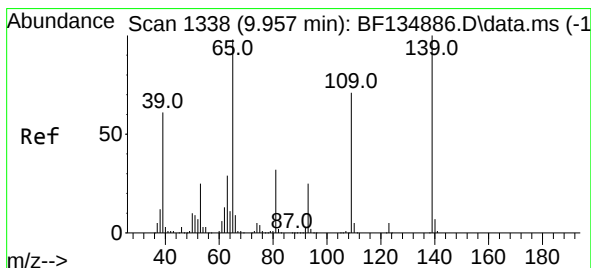
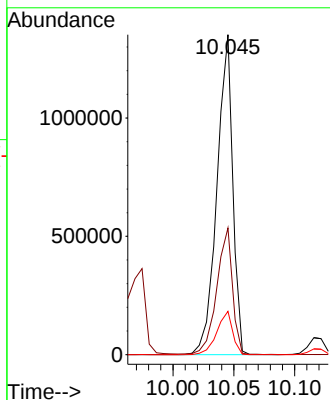
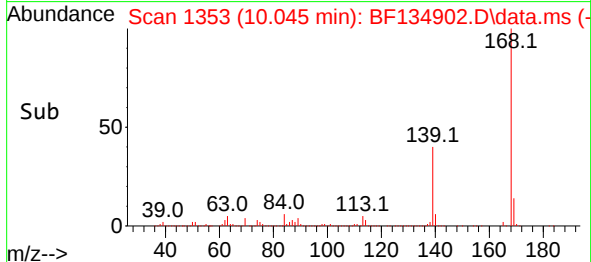
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-340MS



Tgt Ion:168 Resp: 122624  
Ion Ratio Lower Upper  
168 100  
139 39.6 29.5 44.3  
169 13.5 10.7 16.1

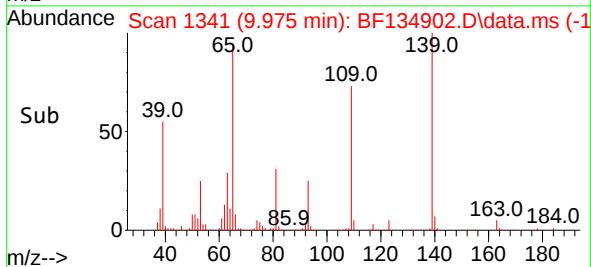
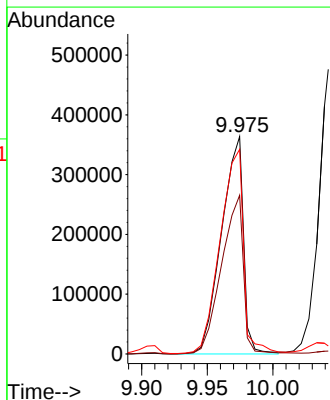
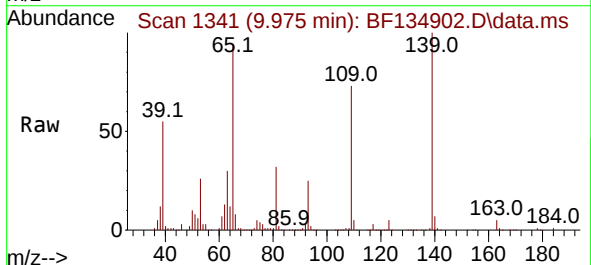
Manual Integrations  
APPROVED

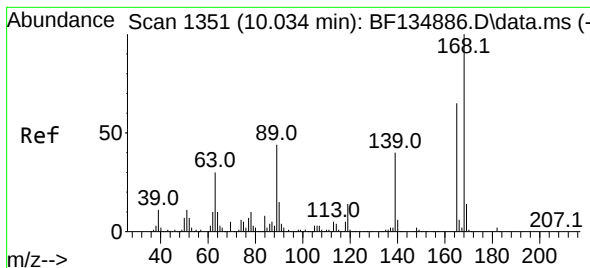
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023



#56  
4-Nitrophenol  
Concen: 119.600 ng  
RT: 9.975 min Scan# 1341  
Delta R.T. 0.018 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

Tgt Ion:139 Resp: 422705  
Ion Ratio Lower Upper  
139 100  
109 73.0 51.0 91.0  
65 94.1 78.5 118.5





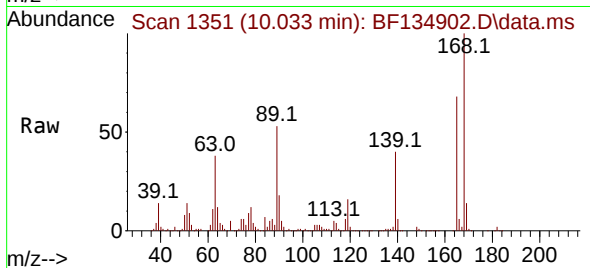
#57  
2,4-Dinitrotoluene  
Concen: 55.509 ng  
RT: 10.033 min Scan# 1351  
Delta R.T. -0.001 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MS

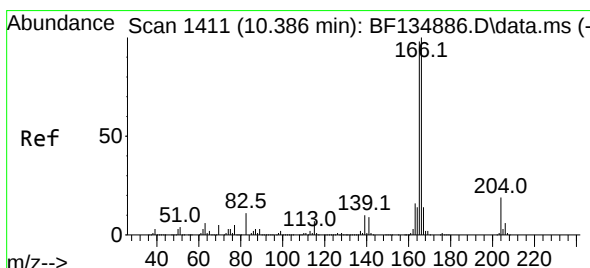
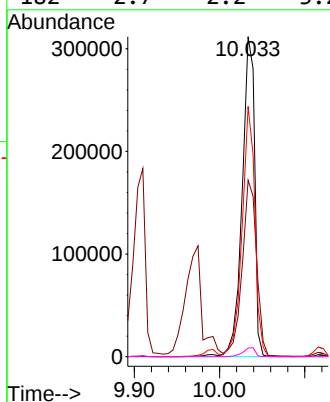
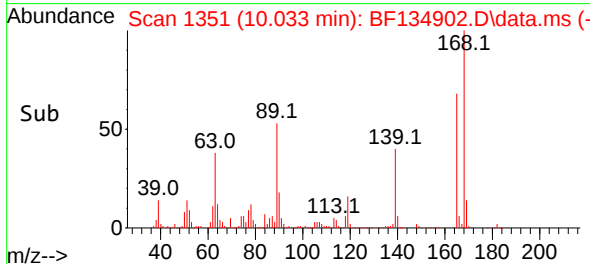


Tgt Ion:165 Resp: 318750  
Ion Ratio Lower Upper  
165 100  
63 55.1 37.7 56.5  
89 78.2 54.2 81.4  
182 2.7 2.2 3.2

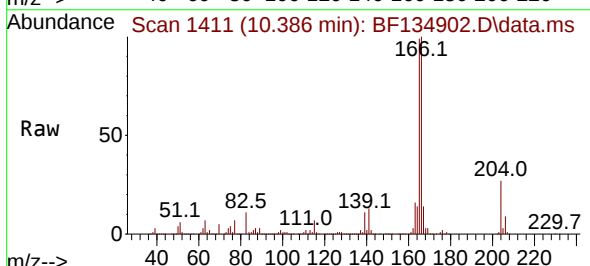
Manual Integrations

APPROVED

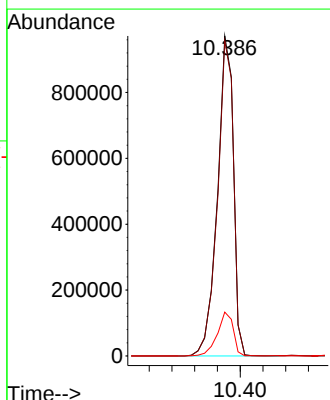
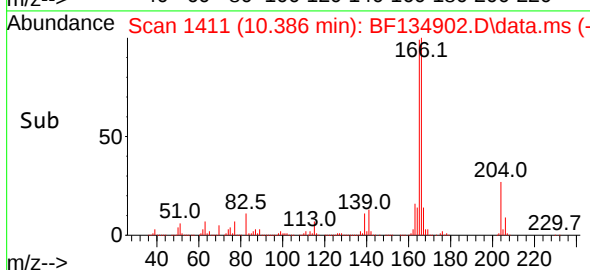
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023

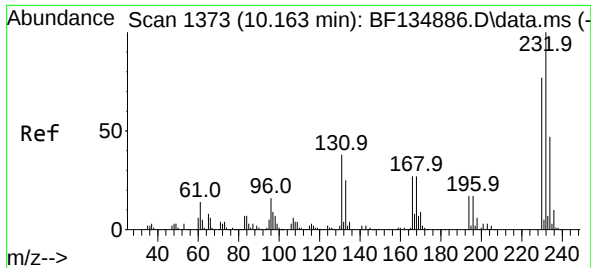


#58  
Fluorene  
Concen: 50.969 ng  
RT: 10.386 min Scan# 1411  
Delta R.T. 0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58



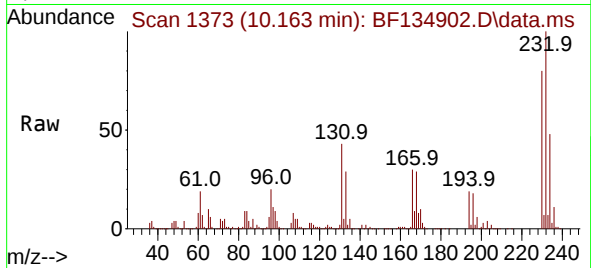
Tgt Ion:166 Resp: 952162  
Ion Ratio Lower Upper  
166 100  
165 98.5 78.5 117.7  
167 13.7 11.0 16.6





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 54.834 ng  
RT: 10.163 min Scan# 1373  
Delta R.T. -0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

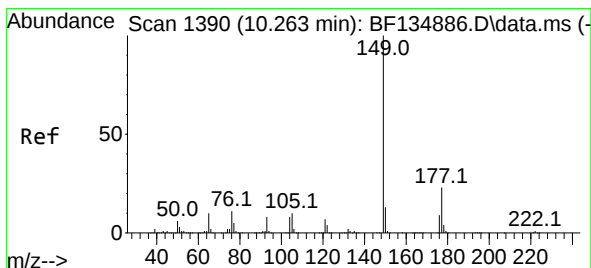
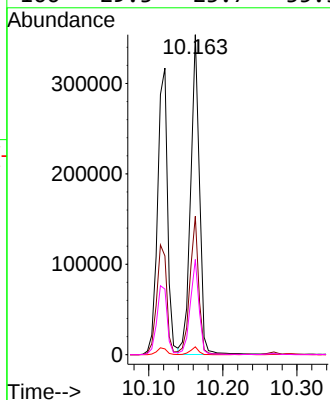
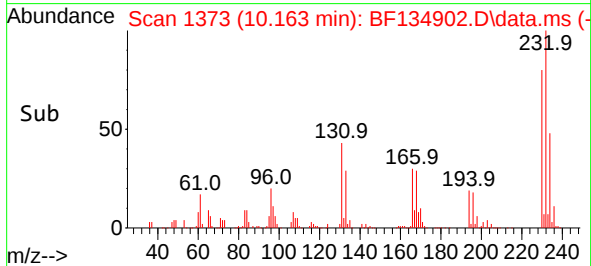
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-340MS



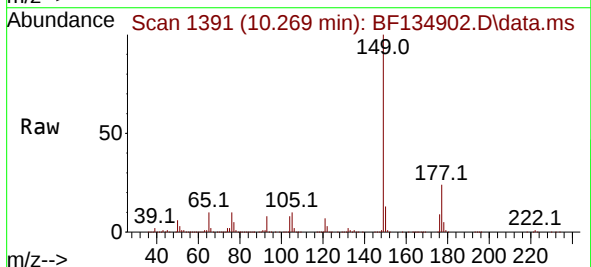
Tgt Ion:232 Resp: 294391  
Ion Ratio Lower Upper  
232 100  
131 43.5 33.9 50.9  
130 2.3 1.6 2.4  
166 29.3 23.7 35.5

Manual Integrations  
APPROVED

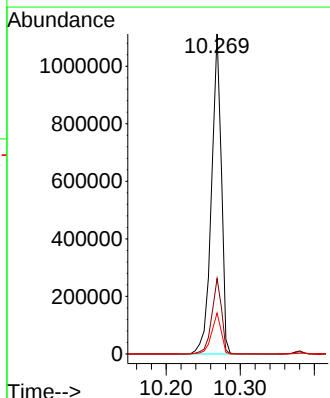
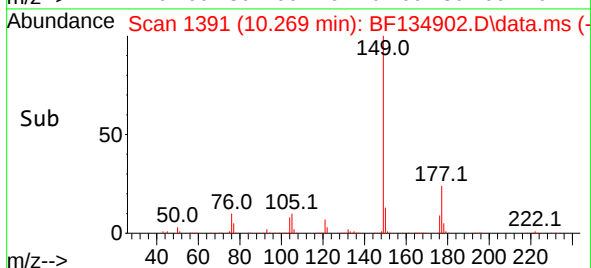
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023

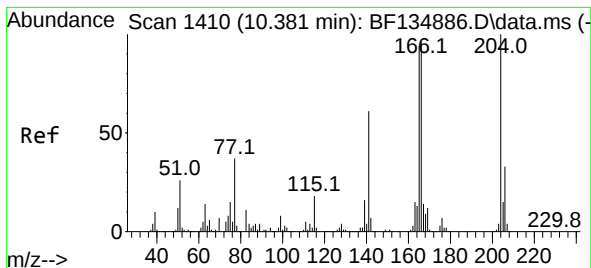


#60  
Diethylphthalate  
Concen: 52.942 ng  
RT: 10.269 min Scan# 1391  
Delta R.T. 0.006 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58



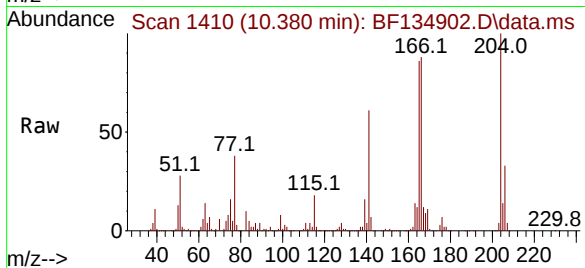
Tgt Ion:149 Resp: 1021158  
Ion Ratio Lower Upper  
149 100  
177 23.6 18.4 27.6  
150 12.8 10.3 15.5





#61  
4-Chlorophenyl-phenylether  
Concen: 49.711 ng  
RT: 10.380 min Scan# 1410  
Delta R.T. -0.001 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

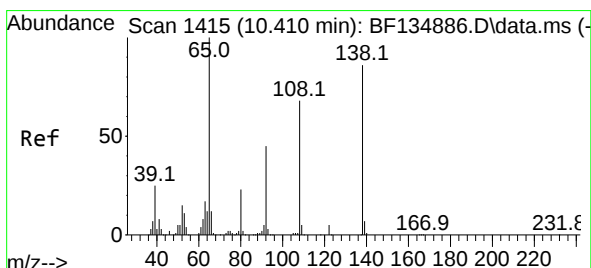
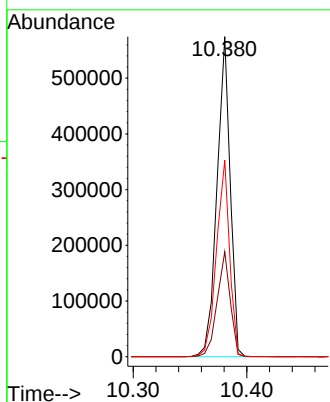
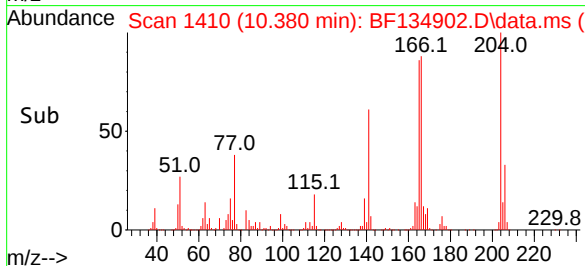
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-340MS



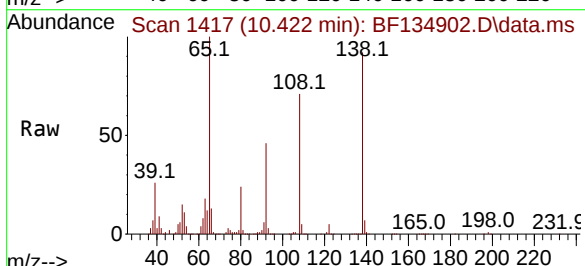
Tgt Ion:204 Resp: 46553  
Ion Ratio Lower Upper  
204 100  
206 32.8 26.3 39.5  
141 61.5 48.6 73.0

Manual Integrations  
APPROVED

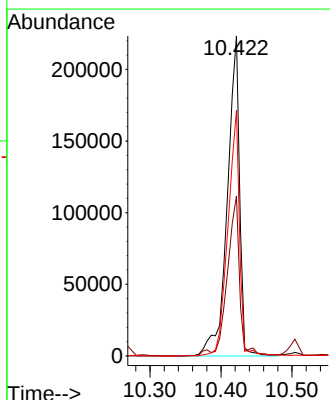
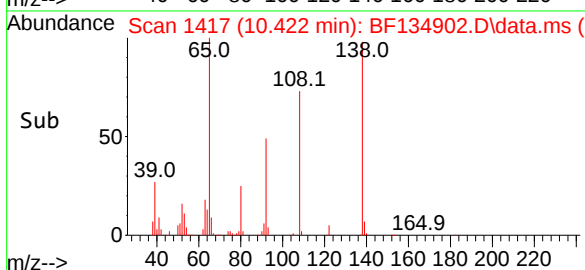
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023

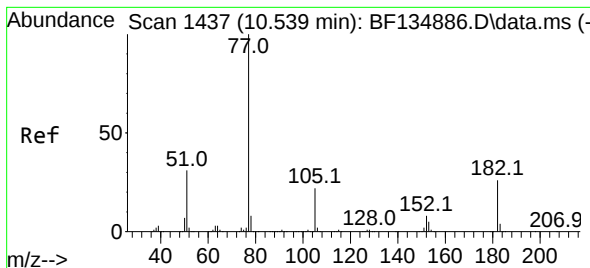


#62  
4-Nitroaniline  
Concen: 56.535 ng  
RT: 10.422 min Scan# 1417  
Delta R.T. 0.012 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58



Tgt Ion:138 Resp: 268036  
Ion Ratio Lower Upper  
138 100  
92 50.0 32.5 72.5  
108 76.7 58.6 98.6





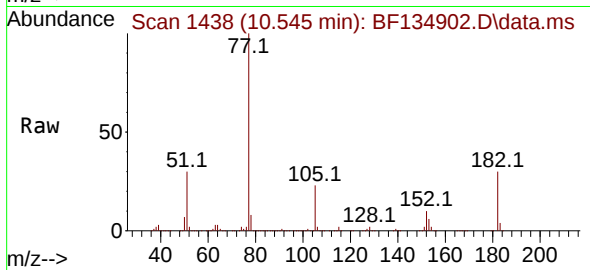
#63  
Azobenzene  
Concen: 52.197 ng  
RT: 10.545 min Scan# 1438  
Delta R.T. 0.006 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MS

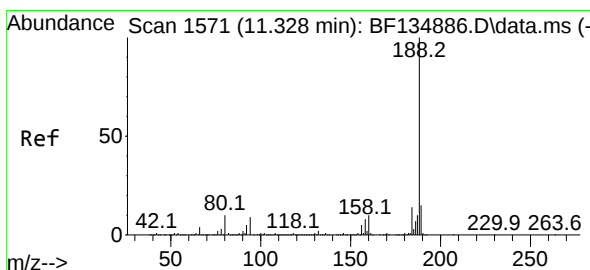
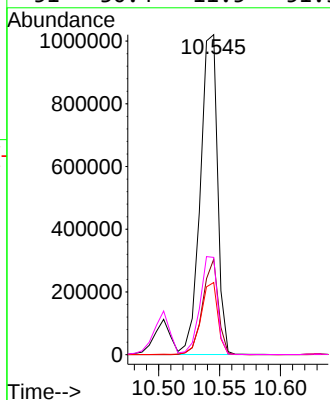
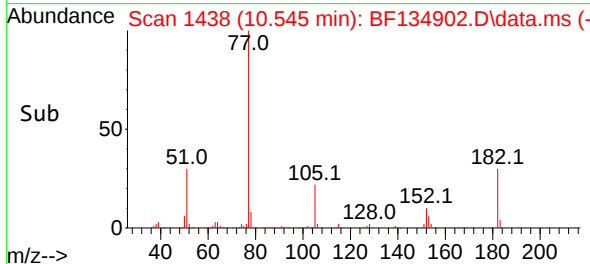


Tgt Ion: 77 Resp: 100016  
Ion Ratio Lower Upper  
77 100  
182 29.8 5.8 45.8  
105 22.6 1.6 41.6  
51 30.4 11.5 51.5

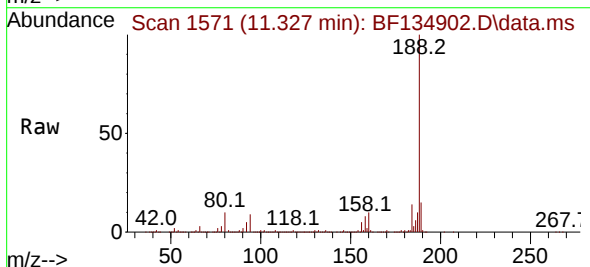
Manual Integrations

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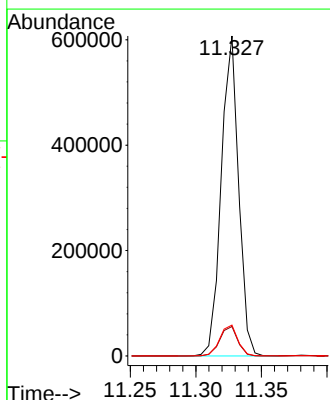
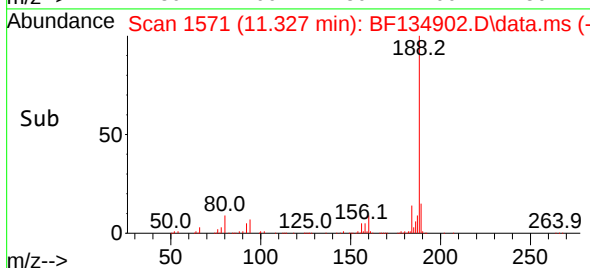
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023

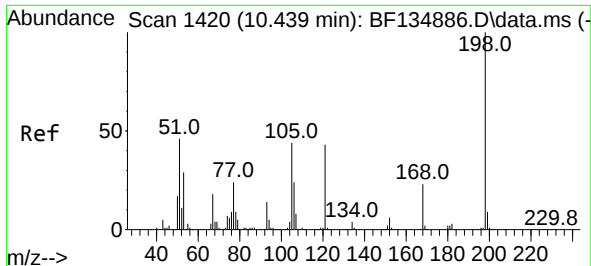


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.327 min Scan# 1571  
Delta R.T. -0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58



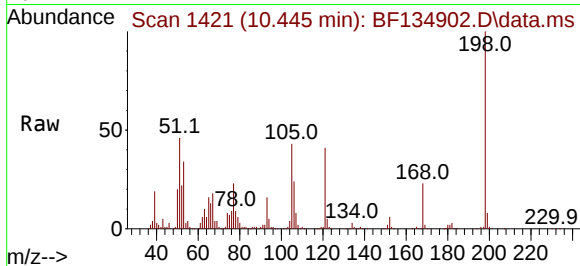
Tgt Ion:188 Resp: 556614  
Ion Ratio Lower Upper  
188 100  
94 9.2 7.5 11.3  
80 9.6 7.8 11.6





#65  
4,6-Dinitro-2-methylphenol  
Concen: 56.286 ng  
RT: 10.445 min Scan# 1420  
Delta R.T. 0.006 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

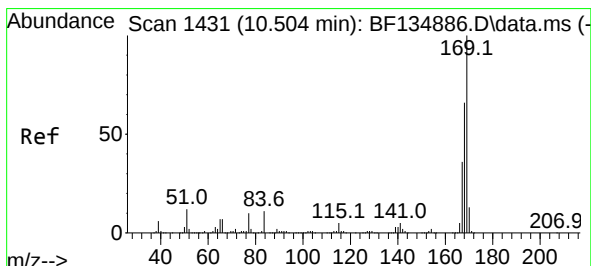
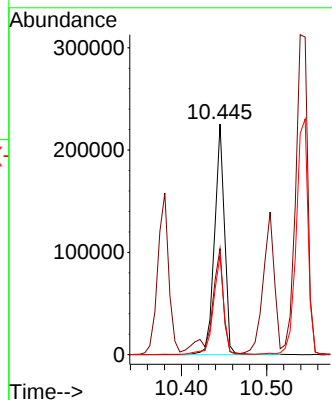
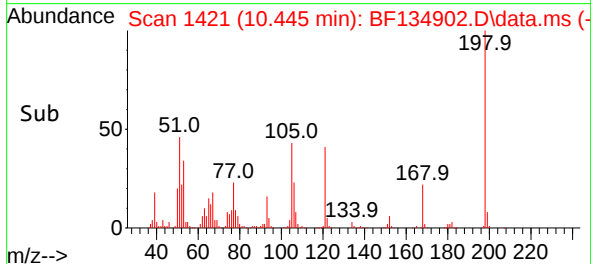
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-340MS



Tgt Ion:198 Resp: 184864  
Ion Ratio Lower Upper  
198 100  
51 46.0 30.3 70.3  
105 42.9 24.5 64.5

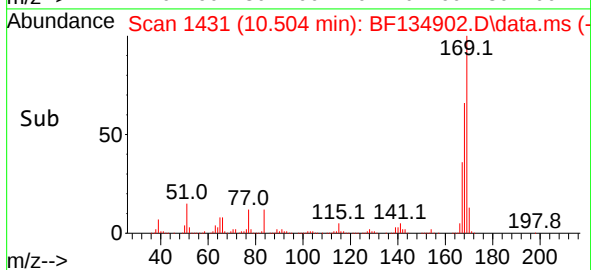
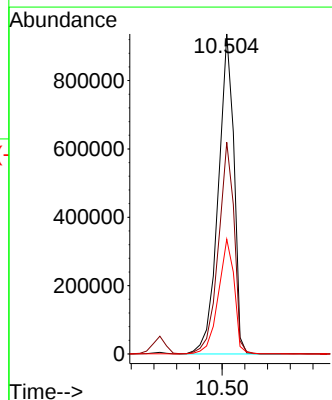
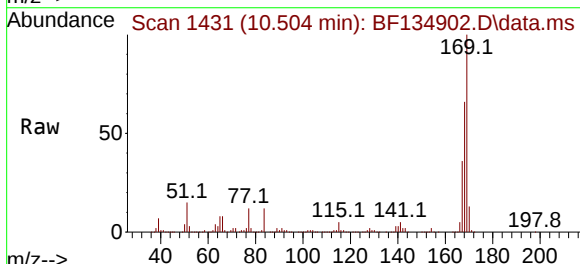
Manual Integrations  
APPROVED

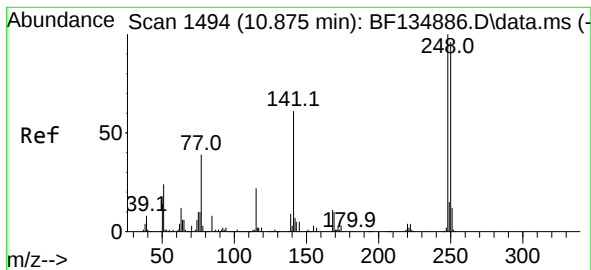
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023



#66  
n-Nitrosodiphenylamine  
Concen: 50.142 ng  
RT: 10.504 min Scan# 1431  
Delta R.T. 0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

Tgt Ion:169 Resp: 898764  
Ion Ratio Lower Upper  
169 100  
168 66.2 53.0 79.6  
167 35.9 29.0 43.6





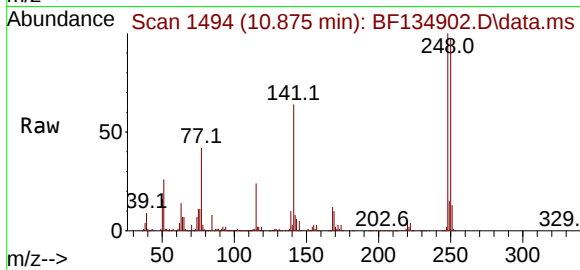
#67  
4-Bromophenyl-phenylether  
Concen: 50.134 ng  
RT: 10.875 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MS

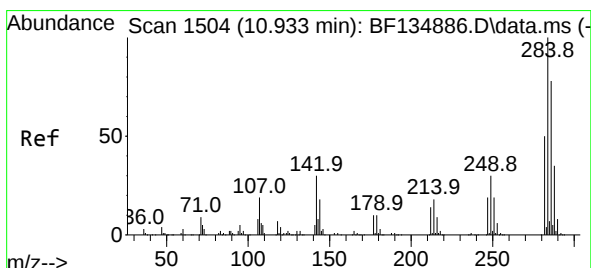
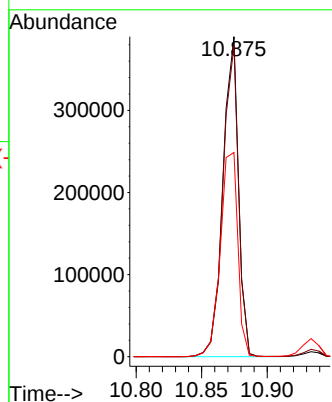
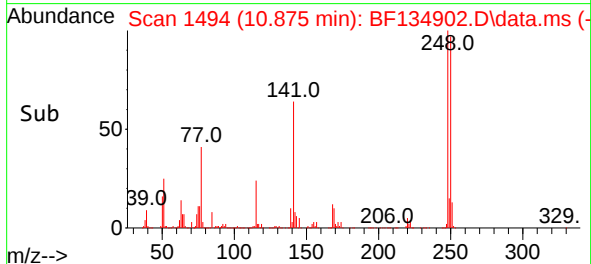


Tgt Ion:248 Resp: 32194  
Ion Ratio Lower Upper  
248 100  
250 97.2 77.1 115.7  
141 63.8 49.0 73.4

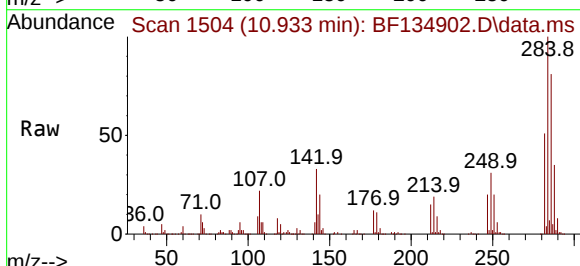
Manual Integrations

APPROVED

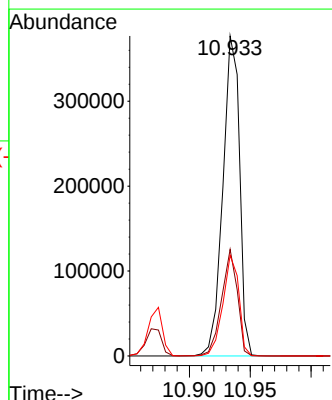
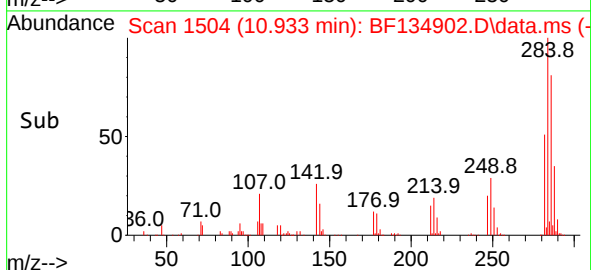
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023

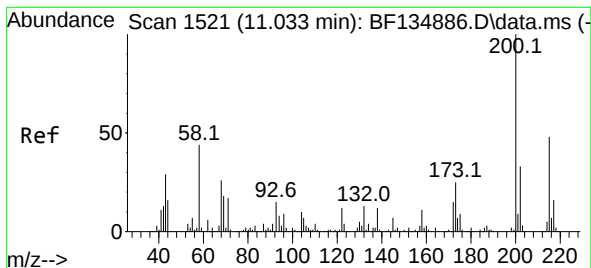


#68  
Hexachlorobenzene  
Concen: 52.762 ng  
RT: 10.933 min Scan# 1504  
Delta R.T. 0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58



Tgt Ion:284 Resp: 360349  
Ion Ratio Lower Upper  
284 100  
142 33.3 23.9 35.9  
249 31.4 24.1 36.1





#69

Atrazine

Concen: 61.901 ng

RT: 11.039 min Scan# 1521

Delta R.T. 0.006 min

Lab File: BF134902.D

Acq: 23 Aug 2023 13:58

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MS

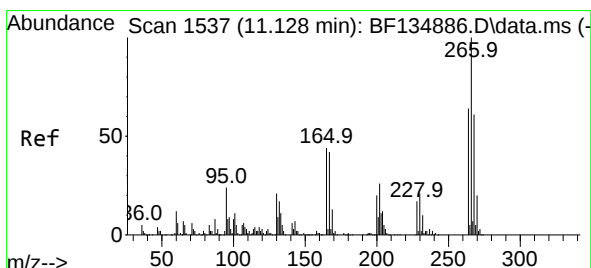
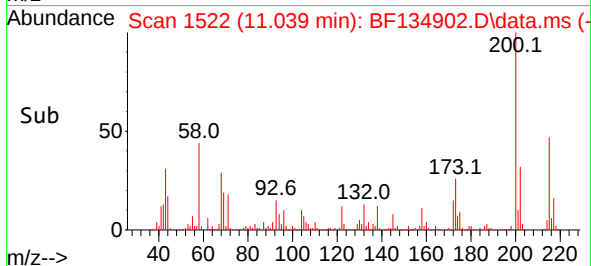
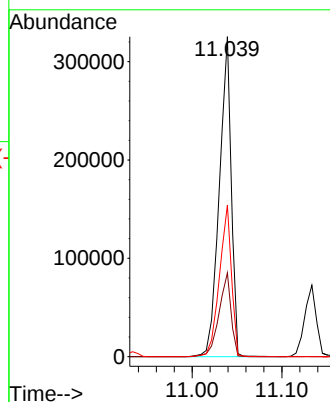
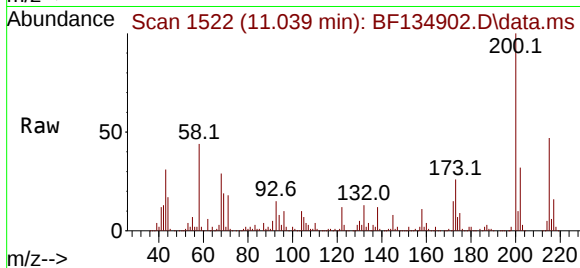
Tgt Ion:200 Resp: 301295  
 Ion Ratio Lower Upper  
 200 100  
 173 26.2 5.3 45.3  
 215 47.4 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#70

Pentachlorophenol

Concen: 88.533 ng

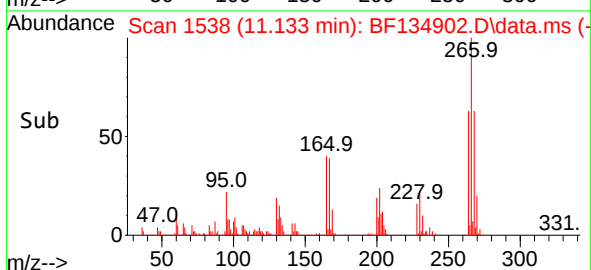
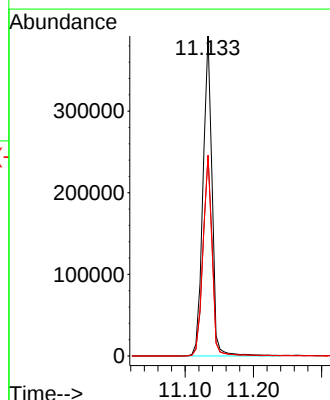
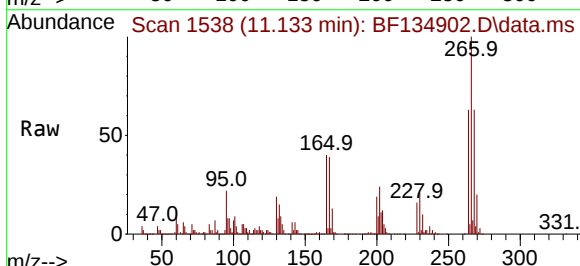
RT: 11.133 min Scan# 1538

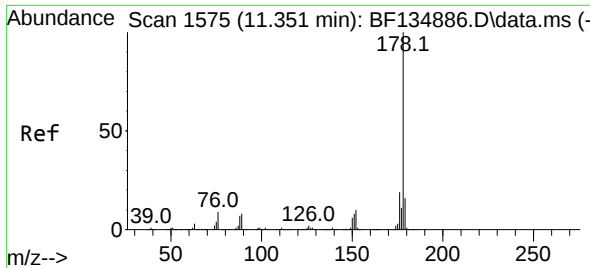
Delta R.T. 0.005 min

Lab File: BF134902.D

Acq: 23 Aug 2023 13:58

Tgt Ion:266 Resp: 363885  
 Ion Ratio Lower Upper  
 266 100  
 268 62.6 48.9 73.3  
 264 62.7 51.0 76.6





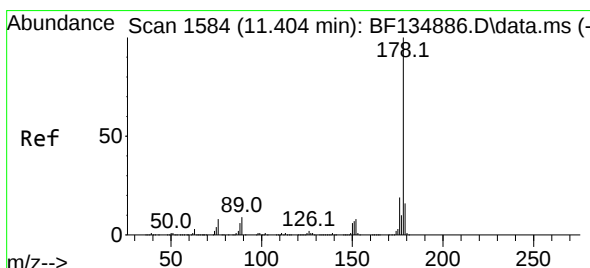
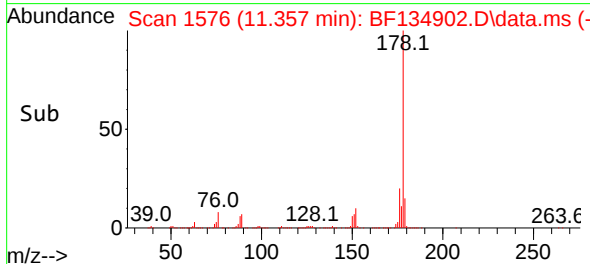
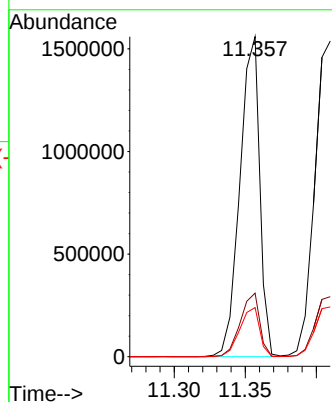
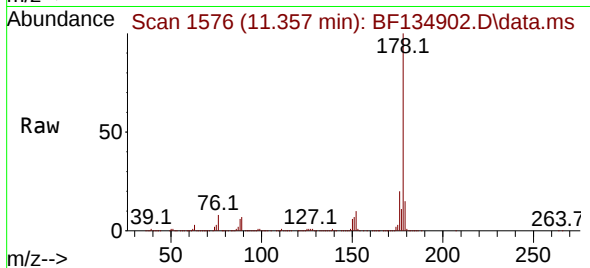
#71  
Phenanthrene  
Concen: 52.005 ng  
RT: 11.357 min Scan# 11357  
Delta R.T. 0.006 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-340MS

Tgt Ion:178 Resp: 151684  
Ion Ratio Lower Upper  
178 100  
176 19.8 15.5 23.3  
179 15.4 12.6 19.0

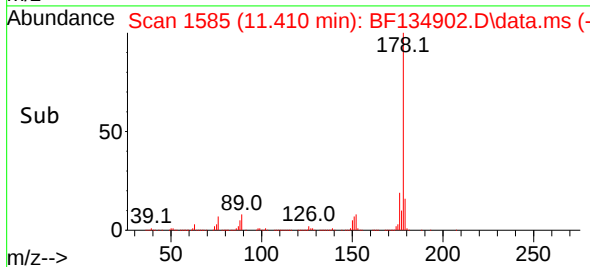
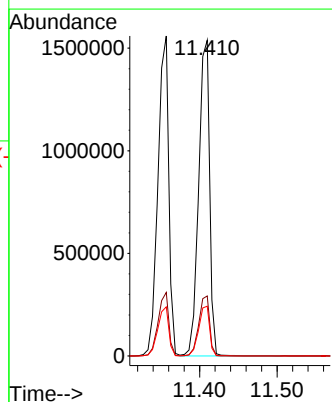
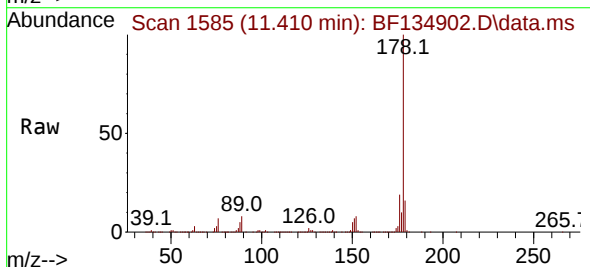
Manual Integrations  
APPROVED

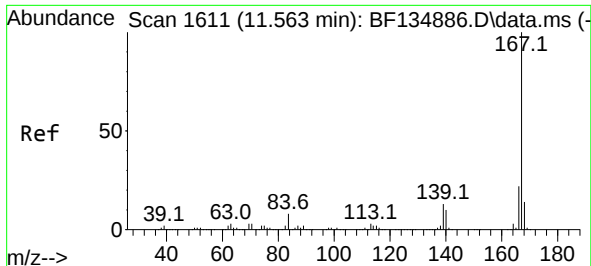
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023



#72  
Anthracene  
Concen: 50.444 ng  
RT: 11.410 min Scan# 1585  
Delta R.T. 0.006 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

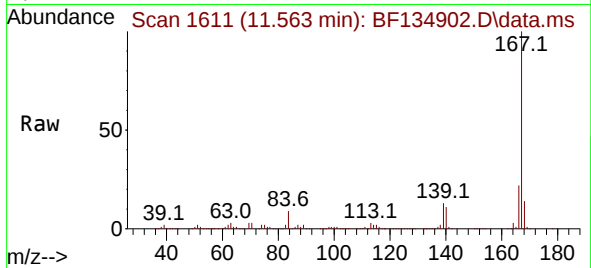
Tgt Ion:178 Resp: 1507516  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.0 22.6  
179 15.7 12.5 18.7





#73  
 Carbazole  
 Concen: 53.912 ng  
 RT: 11.563 min Scan# 1611  
 Delta R.T. -0.000 min  
 Lab File: BF134902.D  
 Acq: 23 Aug 2023 13:58

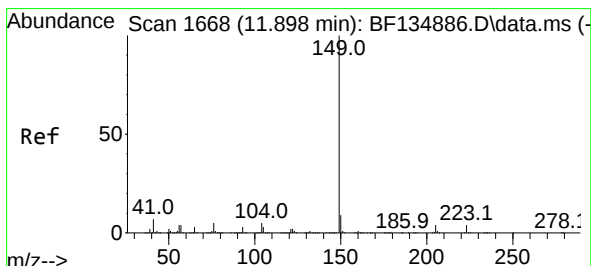
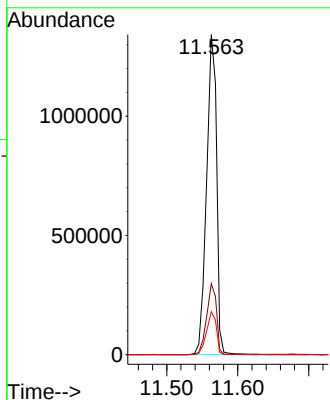
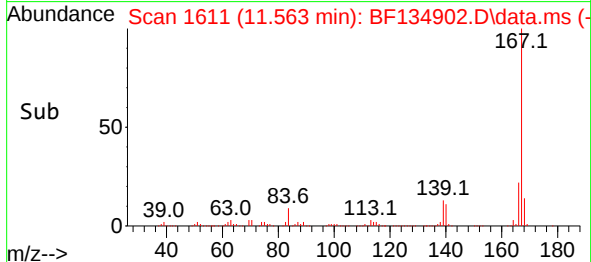
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ETGI-340MS



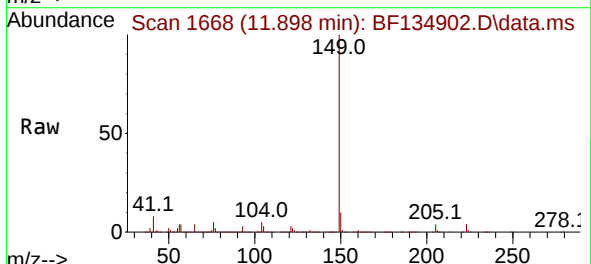
Tgt Ion:167 Resp: 1327628  
 Ion Ratio Lower Upper  
 167 100  
 166 22.2 17.4 26.2  
 139 13.5 10.4 15.6

Manual Integrations  
 APPROVED

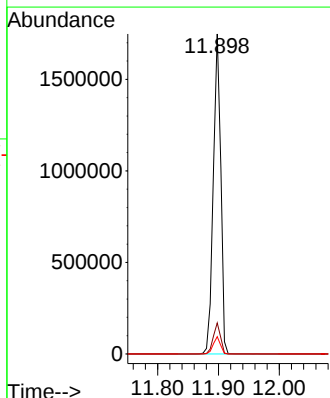
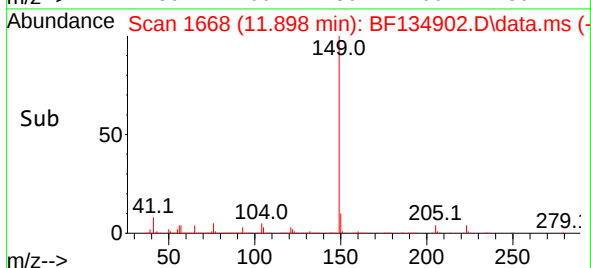
Reviewed By :Yogesh Patel 08/24/2023  
 Supervised By :mohammad ahmed 08/24/2023

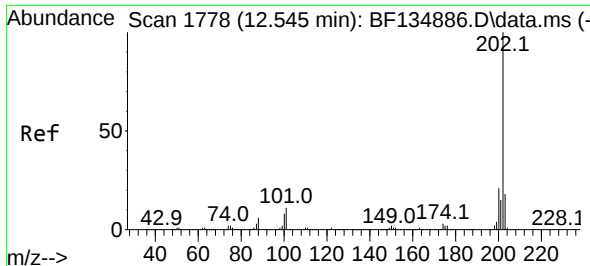


#74  
 Di-n-butylphthalate  
 Concen: 52.529 ng  
 RT: 11.898 min Scan# 1668  
 Delta R.T. -0.000 min  
 Lab File: BF134902.D  
 Acq: 23 Aug 2023 13:58



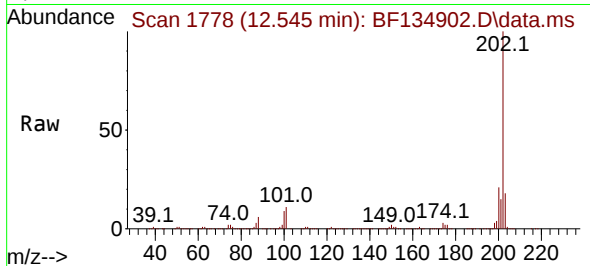
Tgt Ion:149 Resp: 1483607  
 Ion Ratio Lower Upper  
 149 100  
 150 9.7 7.4 11.2  
 104 5.4 4.1 6.1





#75  
Fluoranthene  
Concen: 53.836 ng  
RT: 12.545 min Scan# 1778  
Delta R.T. 0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

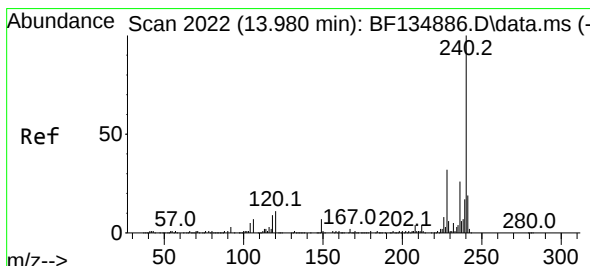
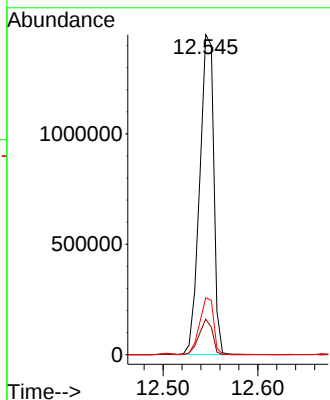
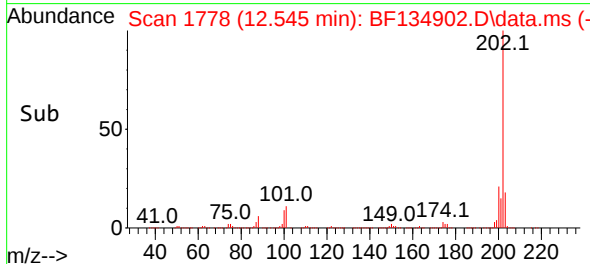
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-340MS



Tgt Ion:202 Resp: 148783  
Ion Ratio Lower Upper  
202 100  
101 11.1 0.0 30.5  
203 17.8 0.0 37.8

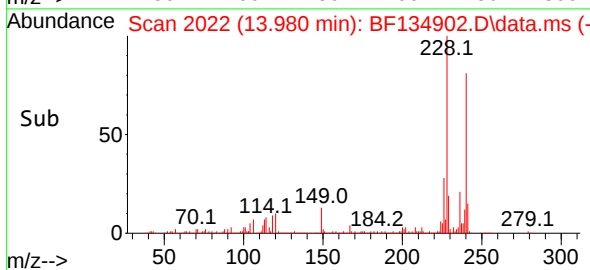
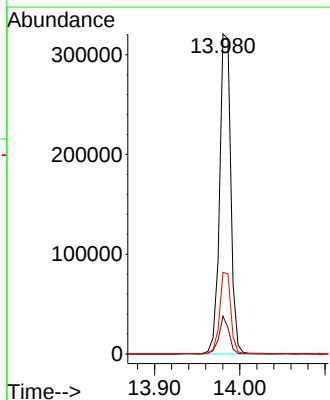
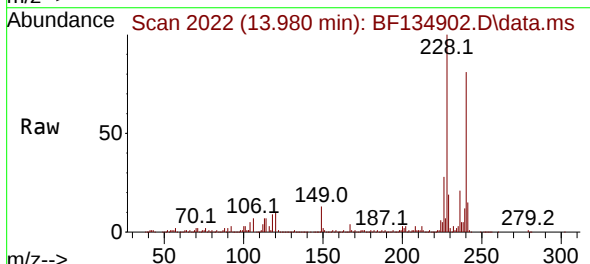
Manual Integrations  
APPROVED

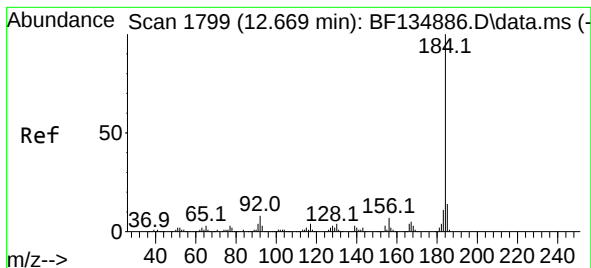
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.980 min Scan# 2022  
Delta R.T. -0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

Tgt Ion:240 Resp: 294324  
Ion Ratio Lower Upper  
240 100  
120 11.8 8.6 12.8  
236 25.5 20.6 31.0





#77

Benzidine

Concen: 106.135 ng

RT: 12.674 min Scan# 1800

Delta R.T. 0.005 min

Lab File: BF134902.D

Acq: 23 Aug 2023 13:58

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MS

Tgt Ion:184 Resp: 50683

Ion Ratio Lower Upper

184 100

185 14.2 11.4 17.0

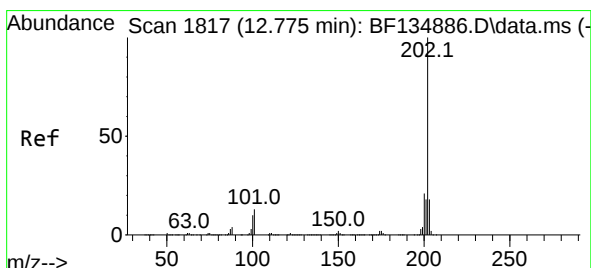
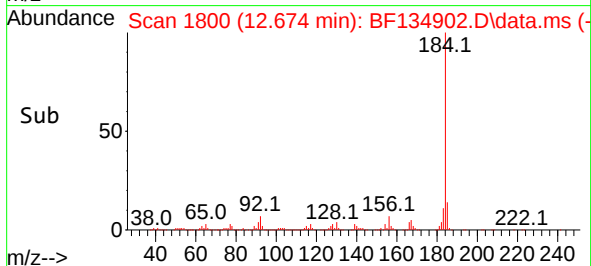
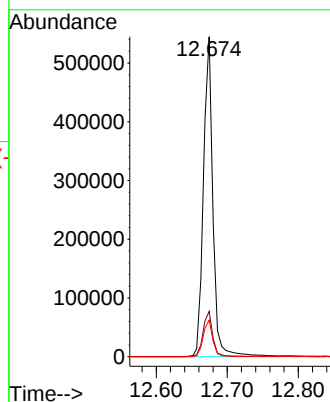
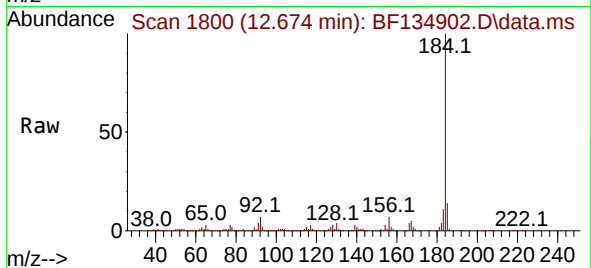
183 11.4 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#78

Pyrene

Concen: 47.026 ng

RT: 12.780 min Scan# 1818

Delta R.T. 0.006 min

Lab File: BF134902.D

Acq: 23 Aug 2023 13:58

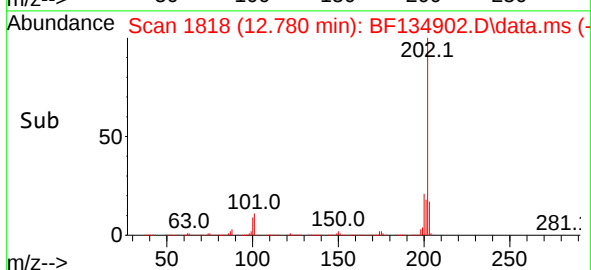
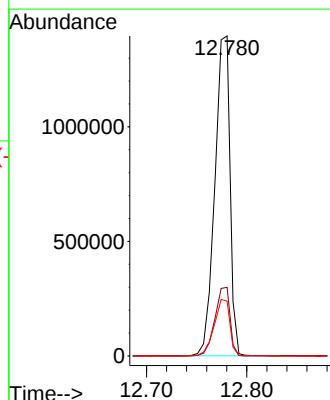
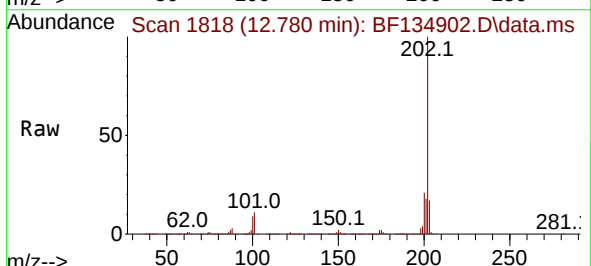
Tgt Ion:202 Resp: 1467501

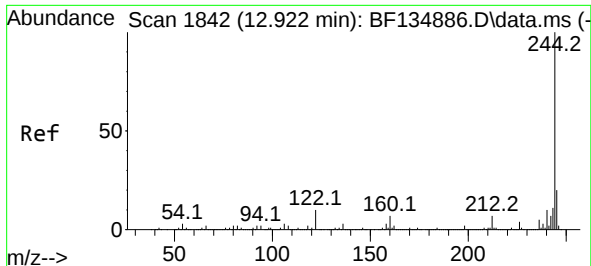
Ion Ratio Lower Upper

202 100

200 21.5 17.1 25.7

203 17.2 14.2 21.2





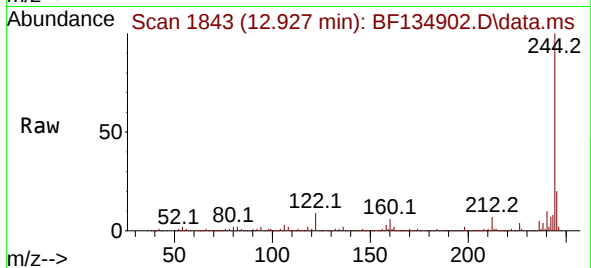
#79  
Terphenyl-d14  
Concen: 81.544 ng  
RT: 12.927 min Scan# 1842  
Delta R.T. 0.005 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MS



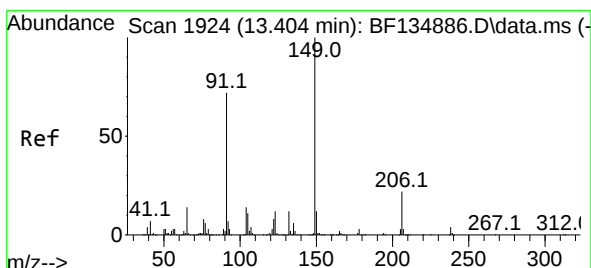
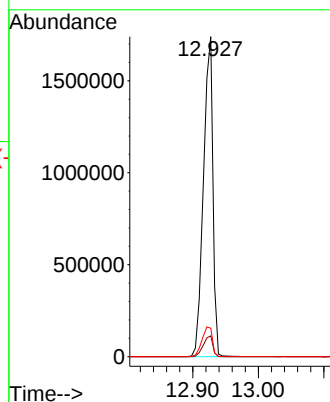
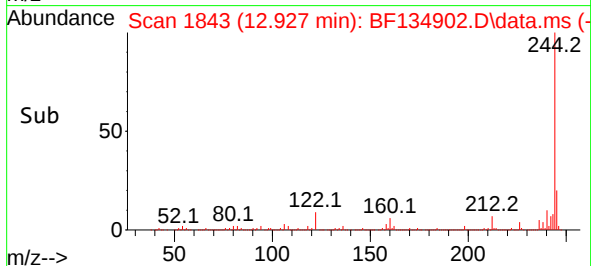
Tgt Ion:244 Resp: 1744979  
Ion Ratio Lower Upper  
244 100  
212 6.5 5.4 8.0  
122 8.9 8.2 12.4

Manual Integrations

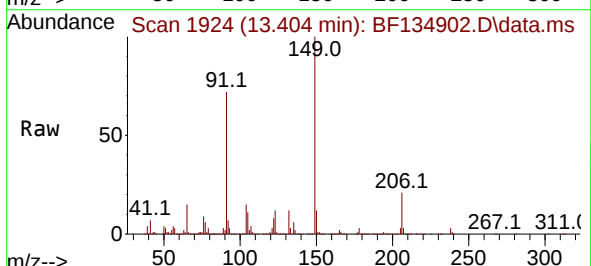
APPROVED

Reviewed By :Yogesh Patel 08/24/2023

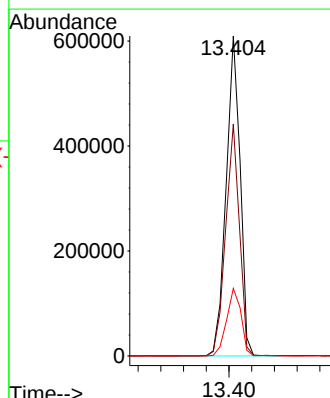
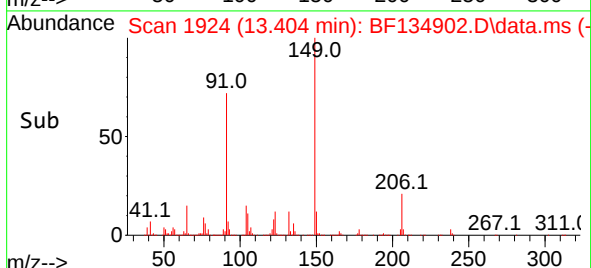
Supervised By :mohammad ahmed 08/24/2023

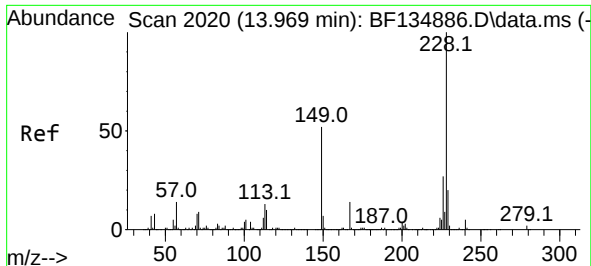


#80  
Butylbenzylphthalate  
Concen: 54.939 ng  
RT: 13.404 min Scan# 1924  
Delta R.T. -0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58



Tgt Ion:149 Resp: 522335  
Ion Ratio Lower Upper  
149 100  
91 72.5 57.2 85.8  
206 21.1 18.0 27.0





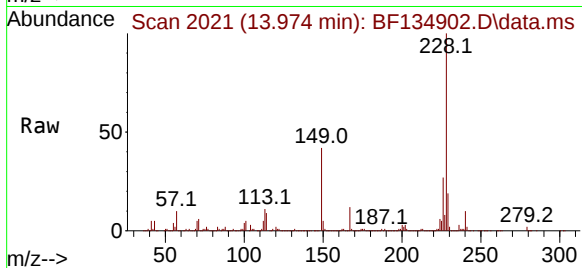
#81  
Benzo(a)anthracene  
Concen: 51.587 ng  
RT: 13.974 min Scan# 2015  
Delta R.T. 0.006 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MS

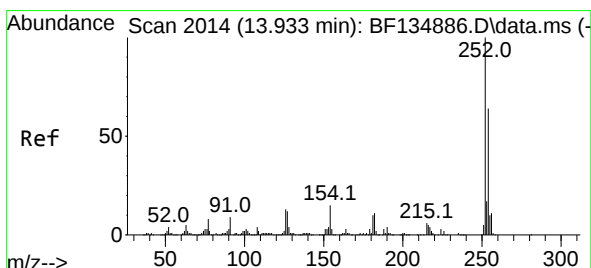
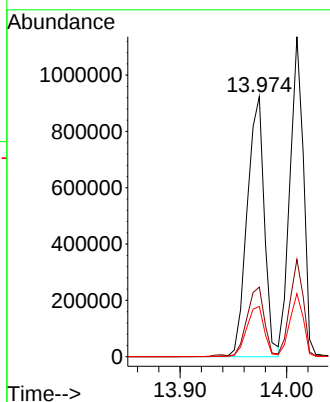
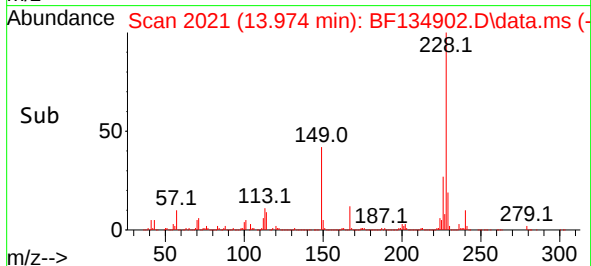


Tgt Ion:228 Resp: 103593  
Ion Ratio Lower Upper  
228 100  
226 26.8 21.8 32.6  
229 19.3 15.6 23.4

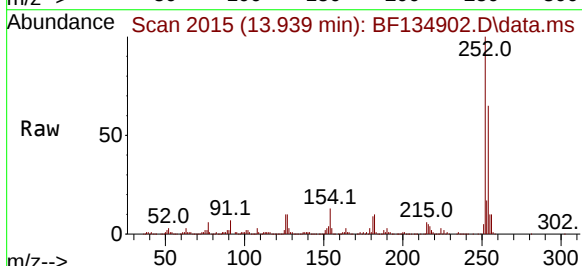
Manual Integrations

APPROVED

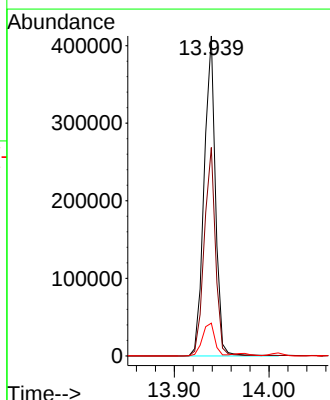
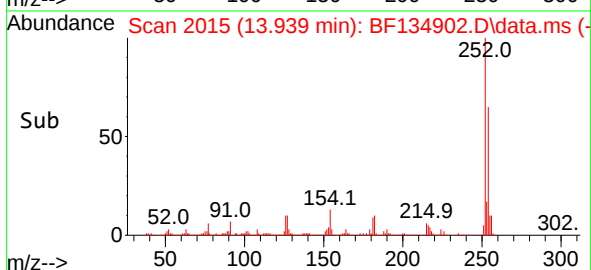
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023

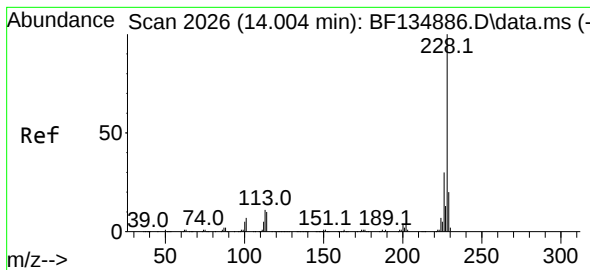


#82  
3,3'-Dichlorobenzidine  
Concen: 53.794 ng  
RT: 13.939 min Scan# 2015  
Delta R.T. 0.006 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58



Tgt Ion:252 Resp: 341901  
Ion Ratio Lower Upper  
252 100  
254 65.2 51.6 77.4  
126 10.3 10.3 15.5#





#83

Chrysene

Concen: 50.313 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF134902.D

Acq: 23 Aug 2023 13:58

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MS

Tgt Ion:228 Resp: 996870

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.2

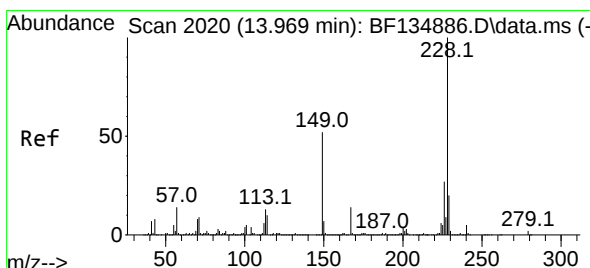
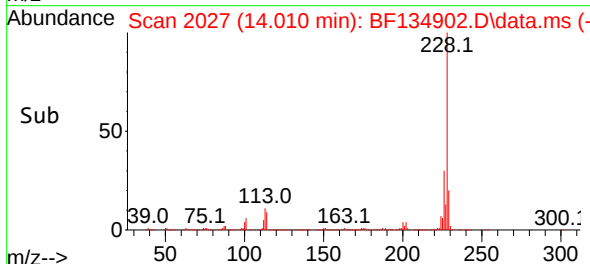
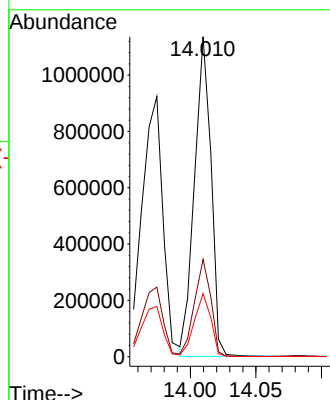
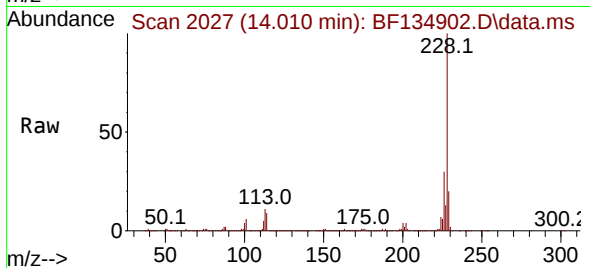
229 19.7 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.120 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF134902.D

Acq: 23 Aug 2023 13:58

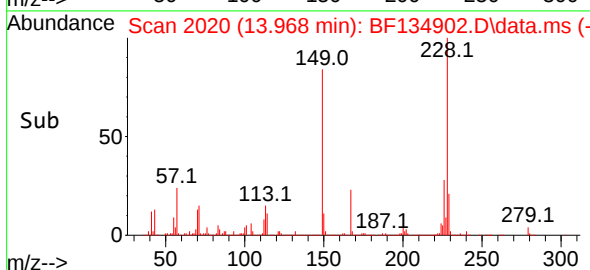
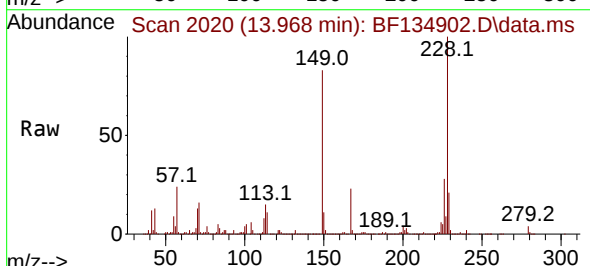
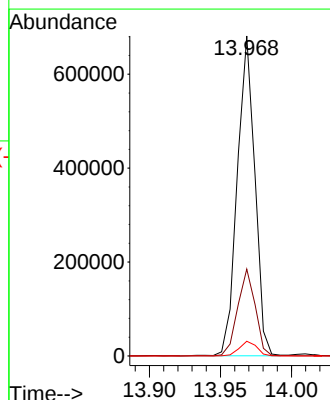
Tgt Ion:149 Resp: 588282

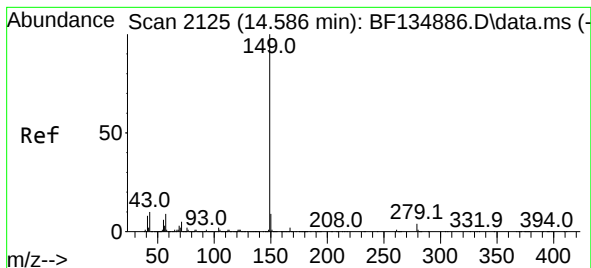
Ion Ratio Lower Upper

149 100

167 27.1 22.1 33.1

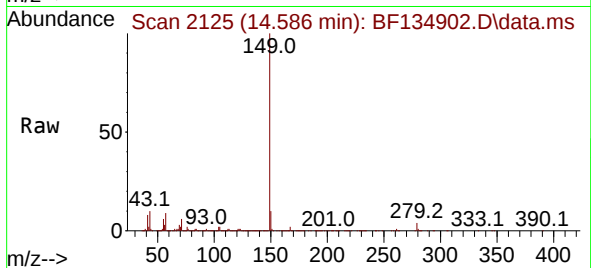
279 4.6 3.6 5.4





#85  
Di-n-octyl phthalate  
Concen: 61.001 ng  
RT: 14.586 min Scan# 2125  
Delta R.T. -0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

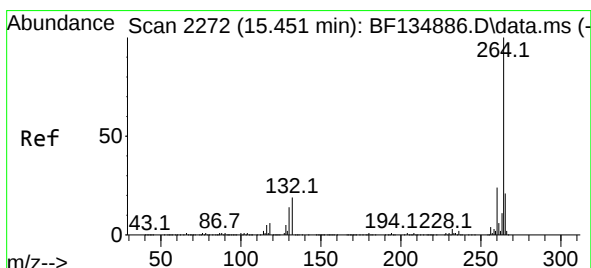
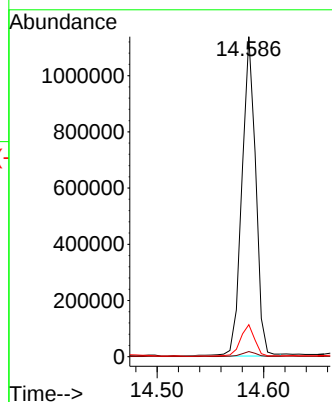
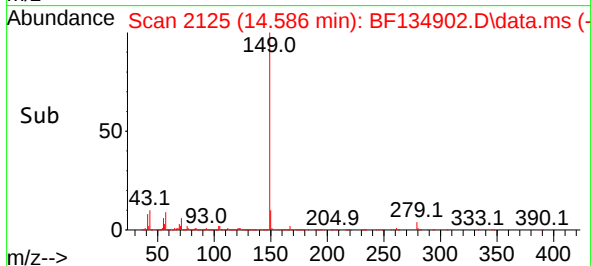
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-340MS



Tgt Ion:149 Resp: 1024472  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 9.9 8.3 12.5

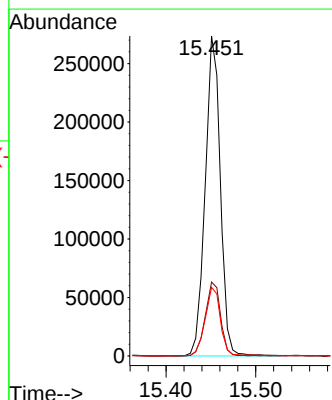
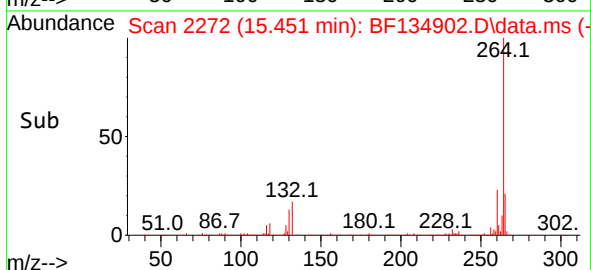
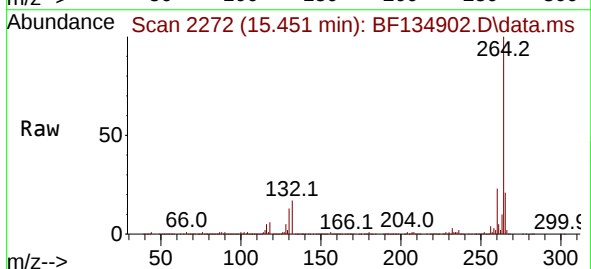
Manual Integrations  
APPROVED

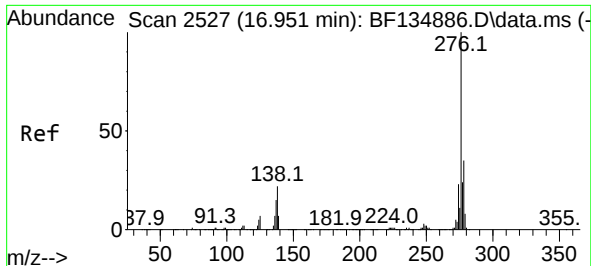
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.451 min Scan# 2272  
Delta R.T. -0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

Tgt Ion:264 Resp: 320377  
Ion Ratio Lower Upper  
264 100  
260 23.1 19.0 28.6  
265 21.4 17.1 25.7





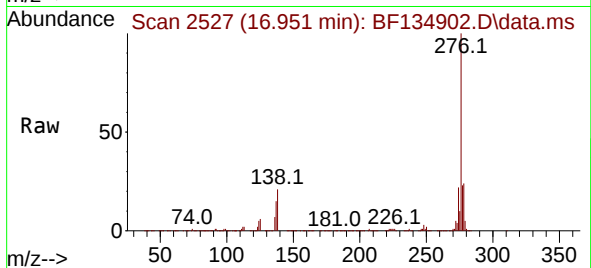
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 52.818 ng  
RT: 16.951 min Scan# 2100  
Delta R.T. -0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MS

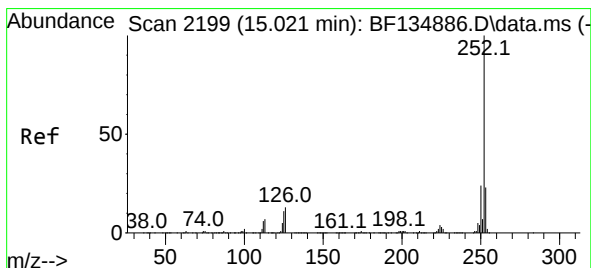
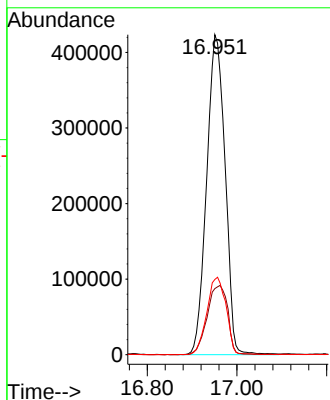
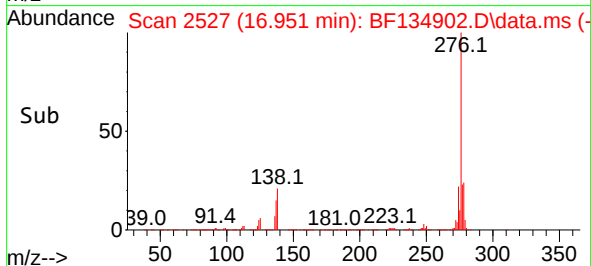


Tgt Ion:276 Resp: 1209544  
Ion Ratio Lower Upper  
276 100  
138 24.1 19.7 29.5  
277 25.3 20.1 30.1

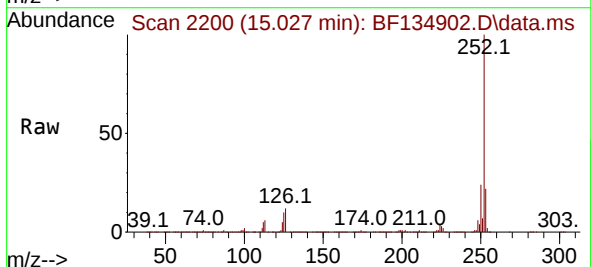
Manual Integrations

APPROVED

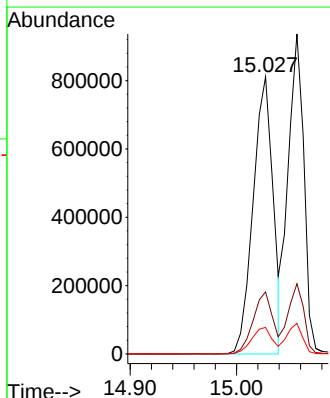
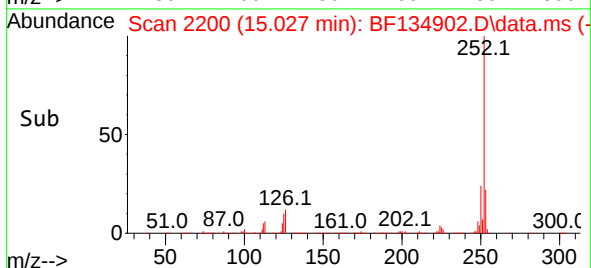
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023

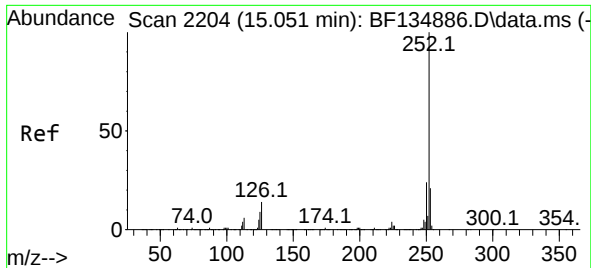


#88  
Benzo(b)fluoranthene  
Concen: 58.306 ng  
RT: 15.027 min Scan# 2200  
Delta R.T. 0.006 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58



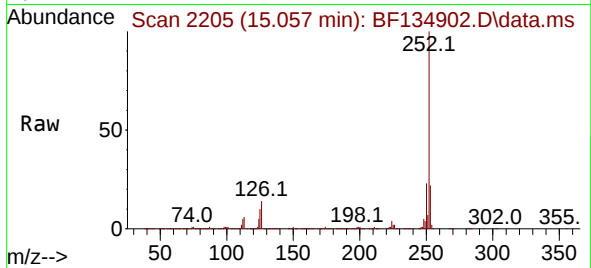
Tgt Ion:252 Resp: 1053914  
Ion Ratio Lower Upper  
252 100  
253 22.4 18.1 27.1  
125 9.6 8.4 12.6





#89  
Benzo(k)fluoranthene  
Concen: 54.418 ng  
RT: 15.057 min Scan# 2204  
Delta R.T. 0.006 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

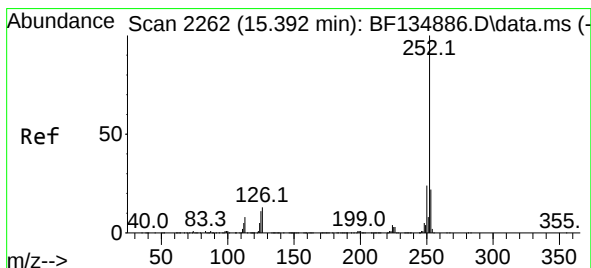
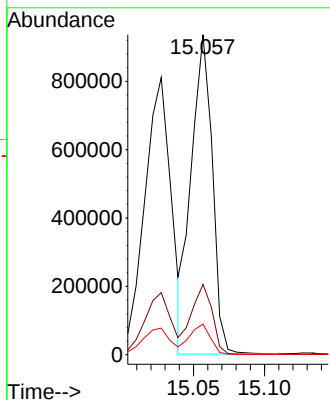
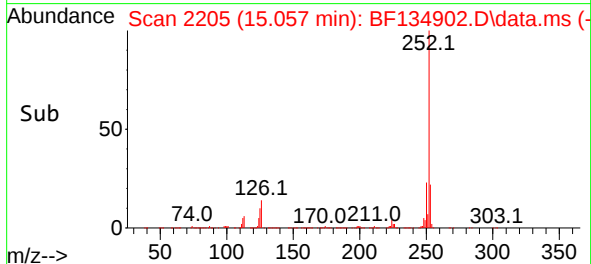
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-340MS



Tgt Ion:252 Resp: 96591  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.1 25.7  
125 9.5 8.0 12.0

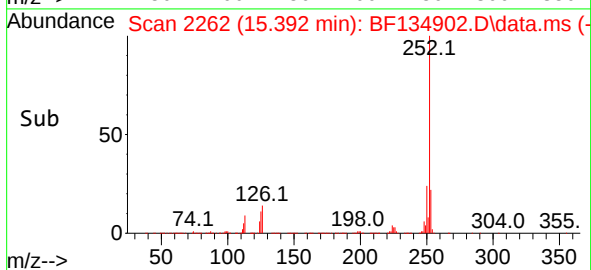
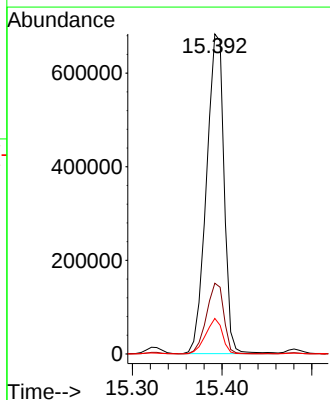
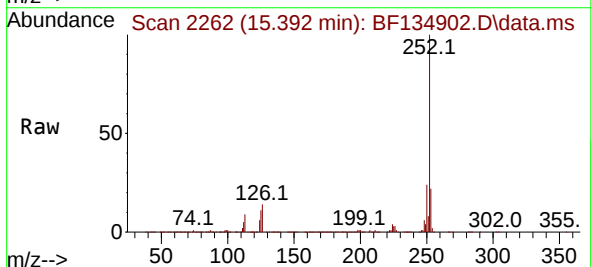
Manual Integrations  
APPROVED

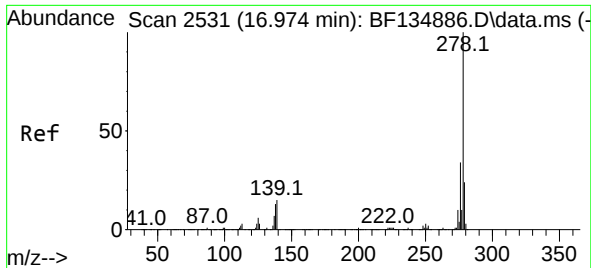
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023



#90  
Benzo(a)pyrene  
Concen: 51.456 ng  
RT: 15.392 min Scan# 2262  
Delta R.T. -0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

Tgt Ion:252 Resp: 928492  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.6 26.4  
125 11.1 8.4 12.6





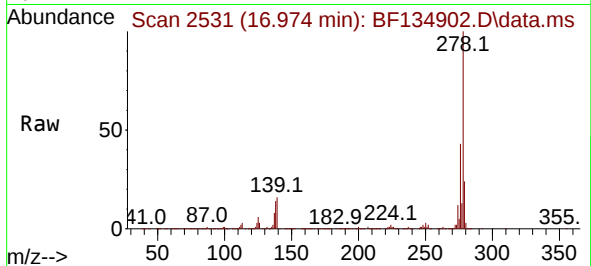
#91  
Dibenzo(a,h)anthracene  
Concen: 52.420 ng  
RT: 16.974 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MS

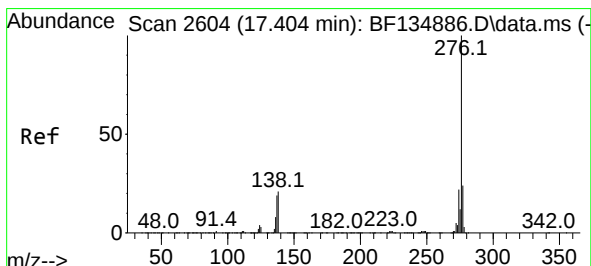
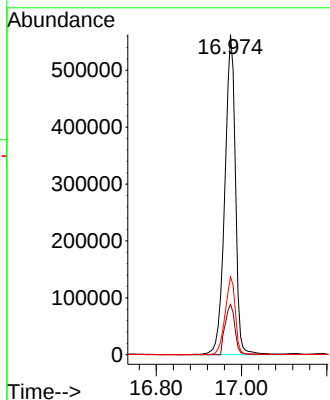
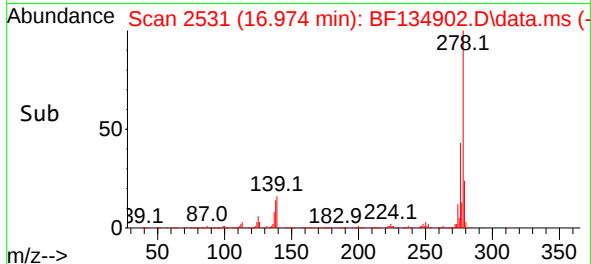


Tgt Ion:278 Resp: 971288  
Ion Ratio Lower Upper  
278 100  
139 15.7 12.2 18.4  
279 24.3 19.1 28.7

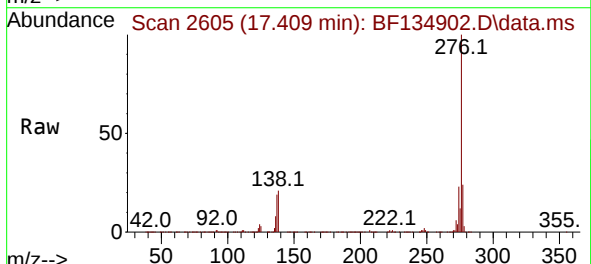
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023



#92  
Benzo(g,h,i)perylene  
Concen: 50.644 ng  
RT: 17.409 min Scan# 2605  
Delta R.T. 0.006 min  
Lab File: BF134902.D  
Acq: 23 Aug 2023 13:58



Tgt Ion:276 Resp: 960616  
Ion Ratio Lower Upper  
276 100  
277 23.6 19.2 28.8  
138 21.1 17.0 25.6

