

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080923\  
 Data File : BF134684.D  
 Acq On : 09 Aug 2023 11:33  
 Operator : CG\JU  
 Sample : 03908-01MS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ETGI-368MS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/10/2023  
 Supervised By :mohammad ahmed 08/10/2023

Quant Time: Aug 10 01:37:47 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF080123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 04 09:29:15 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.804  | 152  | 189196   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.081  | 136  | 755724   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.839  | 164  | 379961   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.328 | 188  | 625929   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 13.980 | 240  | 367568   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 15.451 | 264  | 439238   | 20.000 | ng    | 0.01     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.440  | 112  | 810731   | 65.138 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.440  | 99   | 1040784  | 65.416 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.363  | 82   | 622230   | 51.454 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.633 | 330  | 270561   | 69.852 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.163  | 172  | 1169651  | 51.183 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.922 | 244  | 1040411  | 49.898 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.628  | 88   | 212872   | 37.173 | ng    | # 95     |
| 3) Pyridine                   | 3.381  | 79   | 538509   | 34.704 | ng    | 89       |
| 4) n-Nitrosodimethylamine     | 3.352  | 42   | 283450   | 38.230 | ng    | # 60     |
| 6) Aniline                    | 6.469  | 93   | 645647   | 30.939 | ng    | 93       |
| 8) 2-Chlorophenol             | 6.593  | 128  | 572141   | 45.570 | ng    | 92       |
| 9) Benzaldehyde               | 6.357  | 77   | 290648   | 36.909 | ng    | 95       |
| 10) Phenol                    | 6.457  | 94   | 698767m  | 44.568 | ng    |          |
| 11) bis(2-Chloroethyl)ether   | 6.546  | 93   | 540459   | 43.392 | ng    | 92       |
| 12) 1,3-Dichlorobenzene       | 6.746  | 146  | 579592   | 44.618 | ng    | 94       |
| 13) 1,4-Dichlorobenzene       | 6.822  | 146  | 581596   | 44.673 | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 6.969  | 146  | 561025   | 46.250 | ng    | 96       |
| 15) Benzyl Alcohol            | 6.946  | 79   | 483041   | 44.009 | ng    | 93       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.081  | 45   | 836977   | 42.893 | ng    | 89       |
| 17) 2-Methylphenol            | 7.057  | 107  | 456830   | 41.175 | ng    | 93       |
| 18) Hexachloroethane          | 7.310  | 117  | 209142   | 45.771 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.222  | 70   | 366382   | 38.462 | ng    | # 88     |
| 20) 3+4-Methylphenols         | 7.210  | 107  | 514567   | 38.457 | ng    | # 87     |
| 22) Acetophenone              | 7.210  | 105  | 698052   | 40.011 | ng    | # 92     |
| 24) Nitrobenzene              | 7.387  | 77   | 578146   | 44.253 | ng    | 93       |
| 25) Isophorone                | 7.622  | 82   | 1079420  | 40.924 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.698  | 139  | 297731   | 53.000 | ng    | # 89     |
| 27) 2,4-Dimethylphenol        | 7.740  | 122  | 461456   | 39.210 | ng    | 85       |
| 28) bis(2-Chloroethoxy)met... | 7.834  | 93   | 664059   | 42.087 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.940  | 162  | 468786   | 43.888 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.022  | 180  | 505522   | 44.381 | ng    | 98       |
| 31) Naphthalene               | 8.104  | 128  | 1563261  | 41.159 | ng    | 98       |
| 32) Benzoic acid              | 7.869  | 122  | 353867   | 46.407 | ng    | 92       |
| 33) 4-Chloroaniline           | 8.151  | 127  | 399240   | 23.591 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.222  | 225  | 290830   | 44.265 | ng    | 96       |
| 35) Caprolactam               | 8.528  | 113  | 156006m  | 45.270 | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.640  | 107  | 478415   | 42.292 | ng    | 93       |
| 37) 2-Methylnaphthalene       | 8.798  | 142  | 998921   | 39.678 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.898  | 142  | 958944   | 40.962 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 8.963  | 216  | 484844   | 43.881 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 8.945  | 237  | 422947   | 78.718 | ng    | 93       |
| 43) 2,4,6-Trichlorophenol     | 9.075  | 196  | 327361   | 45.271 | ng    | 96       |

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ETGI-368MS

Manual Integrations

APPROVED

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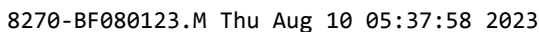
Quant Time: Aug 10 01:37:47 2023  
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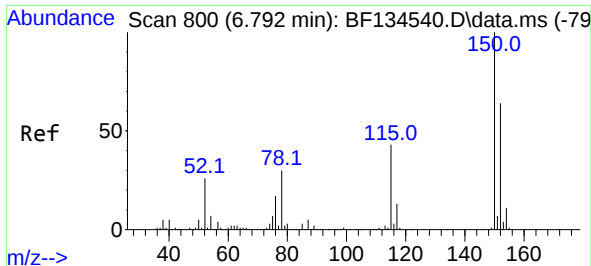
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.116  | 196  | 347167   | 42.007 | ng    | 92       |
| 46) 1,1'-Biphenyl             | 9.263  | 154  | 1238047  | 41.901 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.287  | 162  | 945330   | 42.699 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.387  | 65   | 311503   | 45.320 | ng    | # 83     |
| 49) Acenaphthylene            | 9.704  | 152  | 1466744  | 42.147 | ng    | 100      |
| 50) Dimethylphthalate         | 9.569  | 163  | 1129510  | 43.615 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 9.628  | 165  | 256216   | 48.272 | ng    | 87       |
| 52) Acenaphthene              | 9.875  | 154  | 1001380m | 44.402 | ng    |          |
| 53) 3-Nitroaniline            | 9.798  | 138  | 224559   | 38.904 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.904  | 184  | 207474   | 92.329 | ng    | 92       |
| 55) Dibenzofuran              | 10.045 | 168  | 1290580  | 40.199 | ng    | 95       |
| 56) 4-Nitrophenol             | 9.963  | 139  | 398622   | 84.437 | ng    | # 72     |
| 57) 2,4-Dinitrotoluene        | 10.034 | 165  | 315360   | 49.135 | ng    | # 87     |
| 58) Fluorene                  | 10.392 | 166  | 938444   | 40.131 | ng    | 95       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.163 | 232  | 288904   | 44.186 | ng    | 96       |
| 60) Diethylphthalate          | 10.269 | 149  | 1054498  | 42.959 | ng    | 96       |
| 61) 4-Chlorophenyl-phenyle... | 10.386 | 204  | 481783   | 41.915 | ng    | 89       |
| 62) 4-Nitroaniline            | 10.410 | 138  | 241835   | 42.745 | ng    | # 84     |
| 63) Azobenzene                | 10.545 | 77   | 1019864  | 38.670 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.439 | 198  | 141668   | 54.549 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 10.504 | 169  | 887441   | 44.544 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.875 | 248  | 322501   | 47.067 | ng    | 95       |
| 68) Hexachlorobenzene         | 10.939 | 284  | 340682   | 47.085 | ng    | 93       |
| 69) Atrazine                  | 11.039 | 200  | 300071   | 55.880 | ng    | 99       |
| 70) Pentachlorophenol         | 11.133 | 266  | 310148   | 69.230 | ng    | 97       |
| 71) Phenanthrene              | 11.357 | 178  | 1399998  | 42.109 | ng    | 99       |
| 72) Anthracene                | 11.410 | 178  | 1379056  | 40.608 | ng    | 99       |
| 73) Carbazole                 | 11.563 | 167  | 1199701  | 39.566 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.898 | 149  | 1477879  | 45.877 | ng    | 98       |
| 75) Fluoranthene              | 12.545 | 202  | 1288962  | 36.703 | ng    | 96       |
| 77) Benzidine                 | 12.669 | 184  | 512921   | 64.283 | ng    | 98       |
| 78) Pyrene                    | 12.775 | 202  | 1297560  | 40.796 | ng    | 97       |
| 80) Butylbenzylphthalate      | 13.404 | 149  | 485643   | 45.155 | ng    | # 97     |
| 81) Benzo(a)anthracene        | 13.969 | 228  | 1036301  | 39.429 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.933 | 252  | 371488   | 48.762 | ng    | # 97     |
| 83) Chrysene                  | 14.010 | 228  | 1025062  | 40.031 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.969 | 149  | 558134   | 44.098 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 14.586 | 149  | 1170680  | 60.824 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.951 | 276  | 1070371  | 41.435 | ng    | # 91     |
| 88) Benzo(b)fluoranthene      | 15.021 | 252  | 1243501  | 46.419 | ng    | # 97     |
| 89) Benzo(k)fluoranthene      | 15.051 | 252  | 1013121  | 37.965 | ng    | # 97     |
| 90) Benzo(a)pyrene            | 15.392 | 252  | 1002484  | 40.136 | ng    | # 96     |
| 91) Dibenzo(a,h)anthracene    | 16.974 | 278  | 891833   | 42.719 | ng    | # 95     |
| 92) Benzo(g,h,i)perylene      | 17.404 | 276  | 813894   | 38.219 | ng    | # 92     |

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

## Manual Integrations

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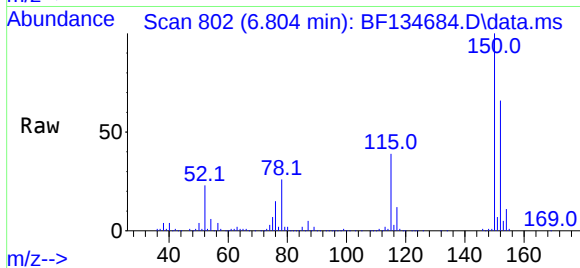
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.804 min Scan# 80  
Delta R.T. 0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

ETGI-368MS

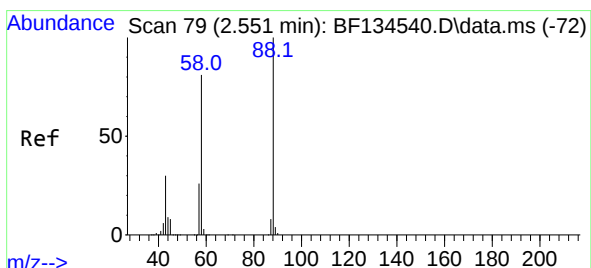
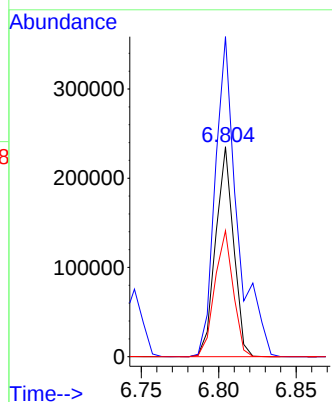
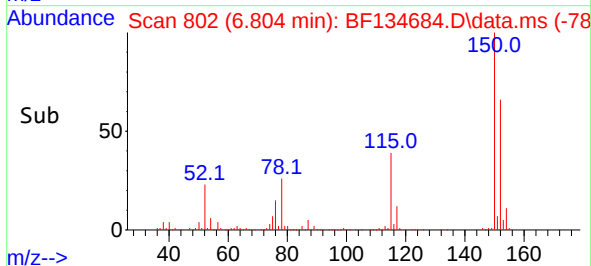


Tgt Ion:152 Resp: 189190  
Ion Ratio Lower Upper  
152 100  
150 152.4 128.3 192.5  
115 60.0 52.4 78.6

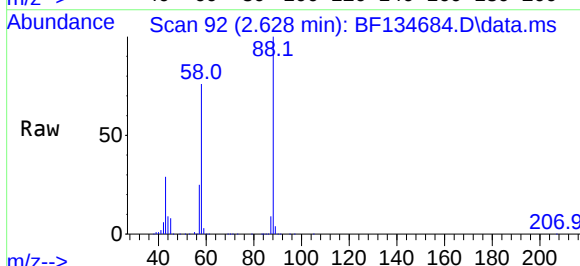
Manual Integrations

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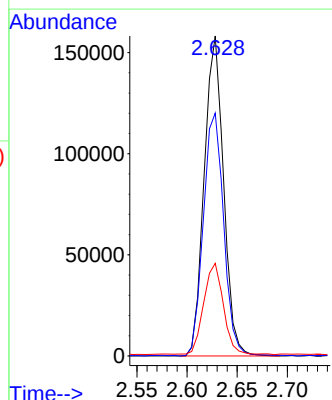
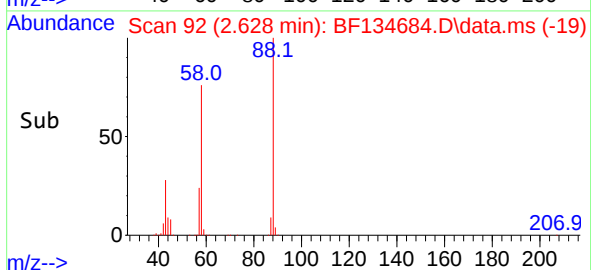
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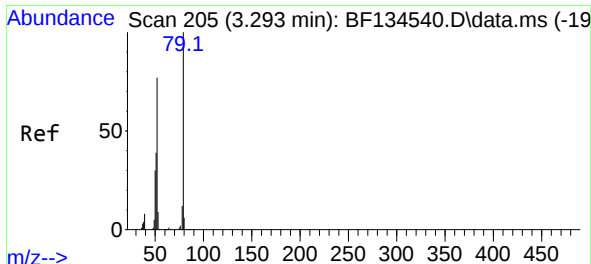


#2  
1,4-Dioxane  
Concen: 37.173 ng  
RT: 2.628 min Scan# 92  
Delta R.T. 0.077 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33



Tgt Ion: 88 Resp: 212872  
Ion Ratio Lower Upper  
88 100  
58 80.1 65.1 97.7  
43 29.5 30.3 45.5#





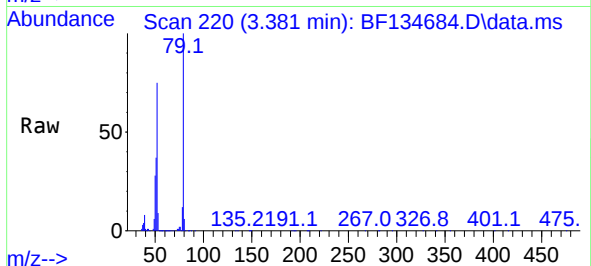
#3  
Pyridine  
Concen: 34.704 ng  
RT: 3.381 min Scan# 215  
Delta R.T. 0.077 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

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BNA\_F

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ETGI-368MS

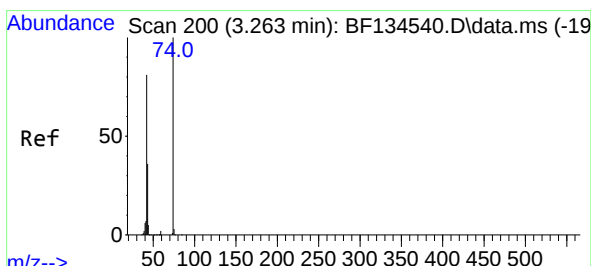
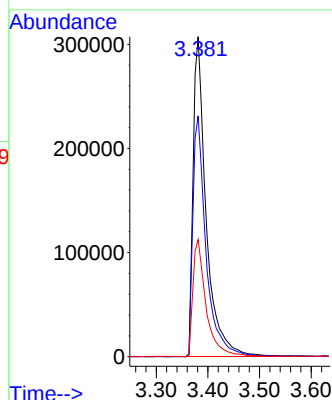
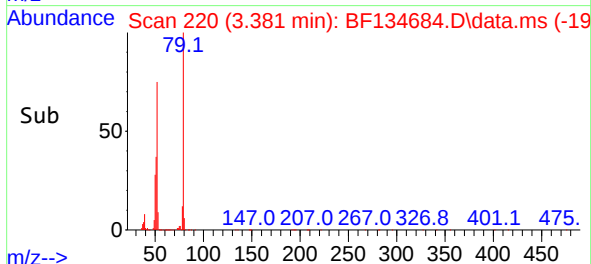


Tgt Ion: 79 Resp: 538509  
Ion Ratio Lower Upper  
79 100  
52 75.2 66.6 100.0  
51 36.6 36.5 54.7

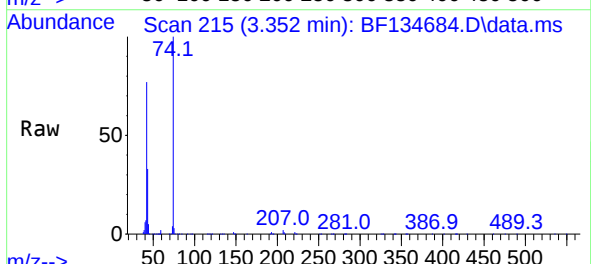
Manual Integrations

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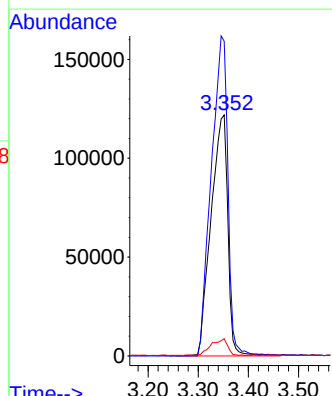
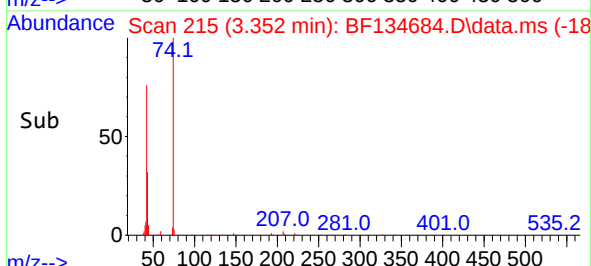
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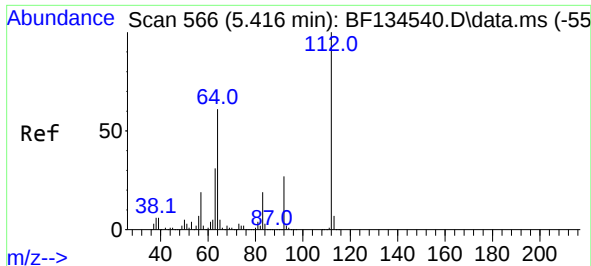


#4  
n-Nitrosodimethylamine  
Concen: 38.230 ng  
RT: 3.352 min Scan# 215  
Delta R.T. 0.071 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33



Tgt Ion: 42 Resp: 283450  
Ion Ratio Lower Upper  
42 100  
74 130.6 72.2 108.4  
44 7.2 5.4 8.0





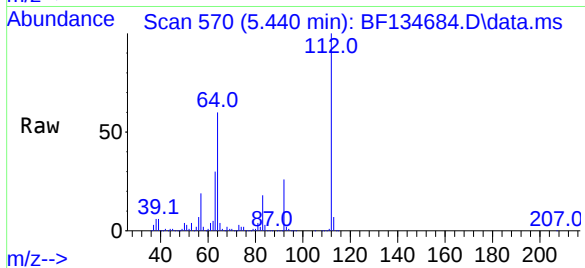
#5  
2-Fluorophenol  
Concen: 65.138 ng  
RT: 5.440 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

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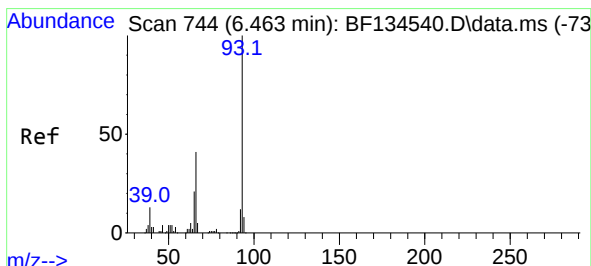
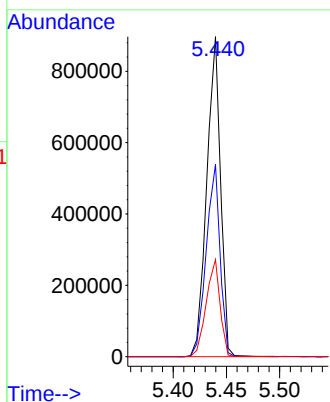
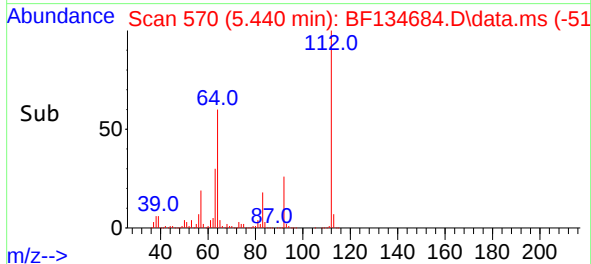


Tgt Ion: 112 Resp: 81073  
Ion Ratio Lower Upper  
112 100  
64 60.1 44.9 67.3  
63 30.4 25.4 38.0

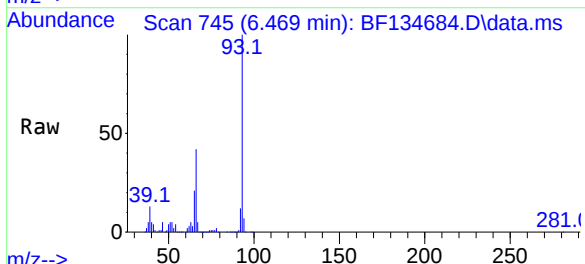
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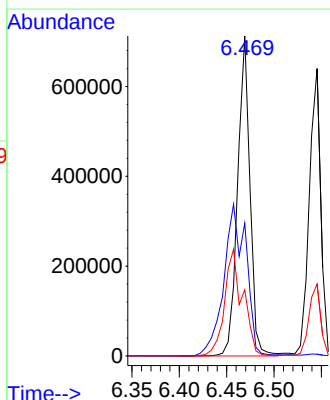
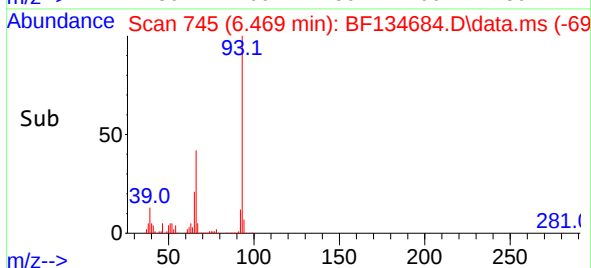
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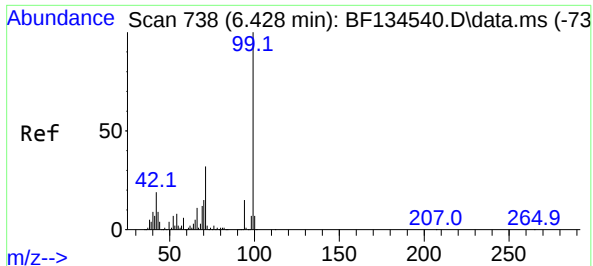


#6  
Aniline  
Concen: 30.939 ng  
RT: 6.469 min Scan# 745  
Delta R.T. 0.000 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33



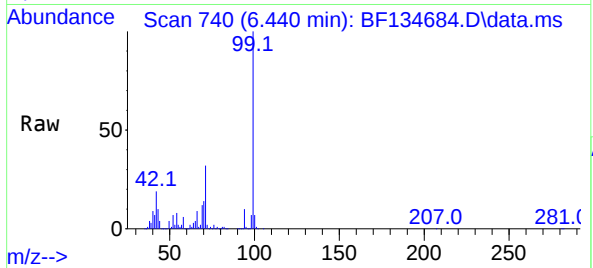
Tgt Ion: 93 Resp: 645647  
Ion Ratio Lower Upper  
93 100  
66 41.5 36.8 55.2  
65 20.7 19.4 29.0





#7  
Phenol-d6  
Concen: 65.416 ng  
RT: 6.440 min Scan# 740  
Delta R.T. 0.000 min  
Lab File: BF134684.D  
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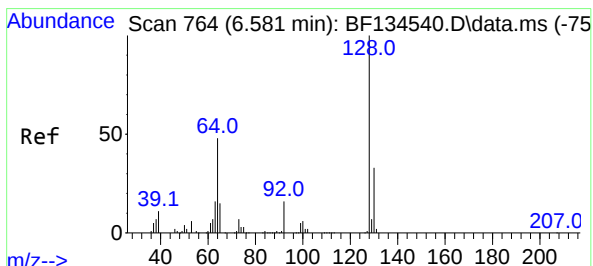
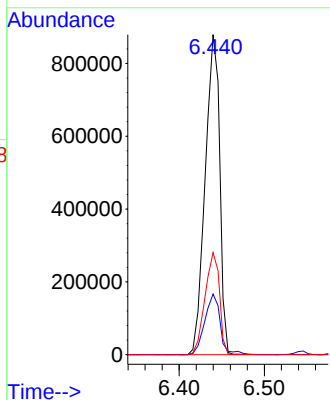
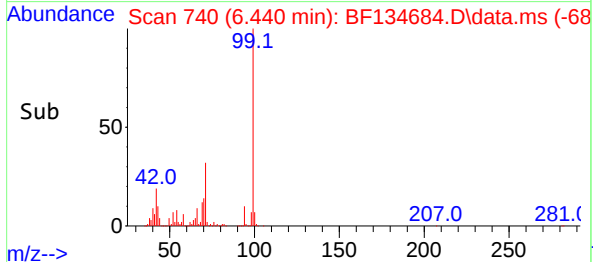
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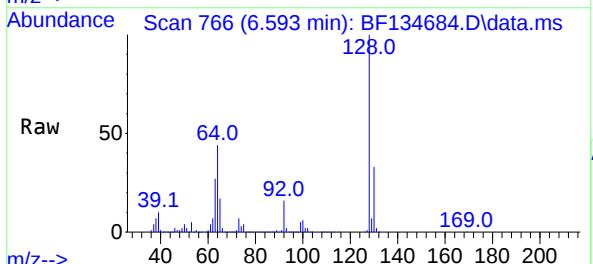
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Ion Ratio Lower Upper  
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42 18.9 18.7 28.1  
71 31.9 36.4 54.6

Manual Integrations  
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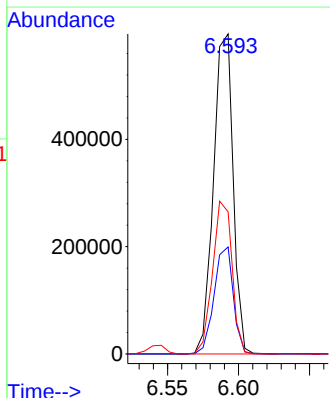
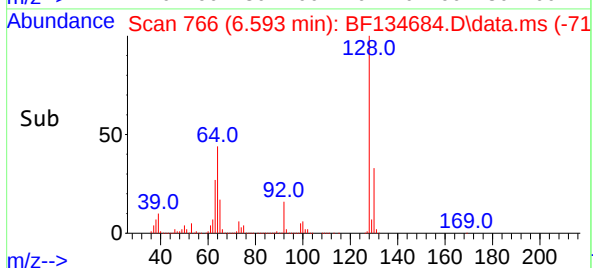
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

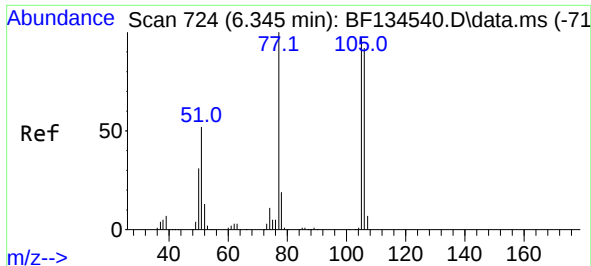


#8  
2-Chlorophenol  
Concen: 45.570 ng  
RT: 6.593 min Scan# 766  
Delta R.T. 0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33



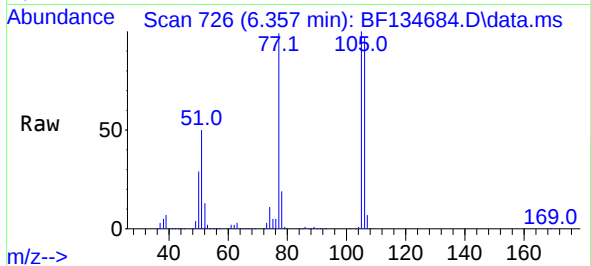
Tgt Ion:128 Resp: 572141  
Ion Ratio Lower Upper  
128 100  
130 33.5 11.1 51.1  
64 44.4 31.9 71.9





#9  
Benzaldehyde  
Concen: 36.909 ng  
RT: 6.357 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

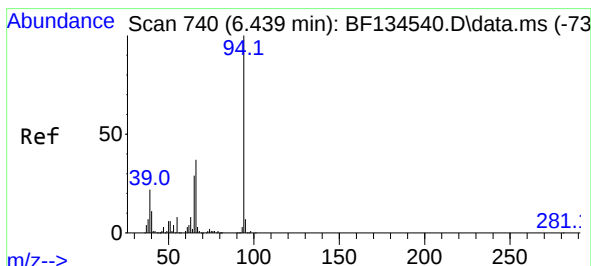
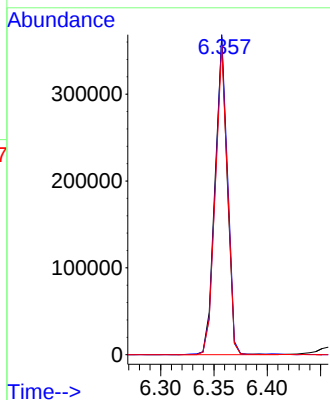
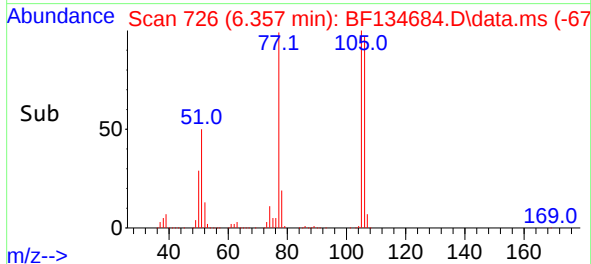
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-368MS



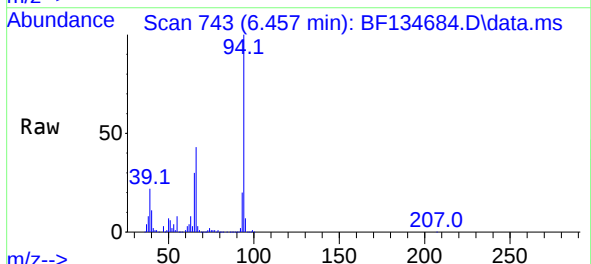
Tgt Ion: 77 Resp: 290648  
Ion Ratio Lower Upper  
77 100  
105 100.8 77.1 117.1  
106 97.3 71.4 111.4

Manual Integrations  
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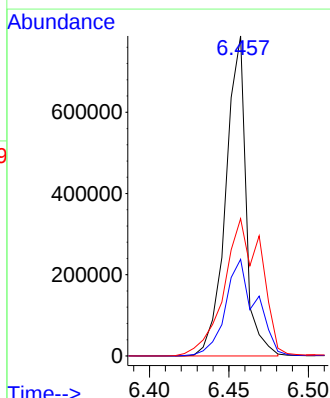
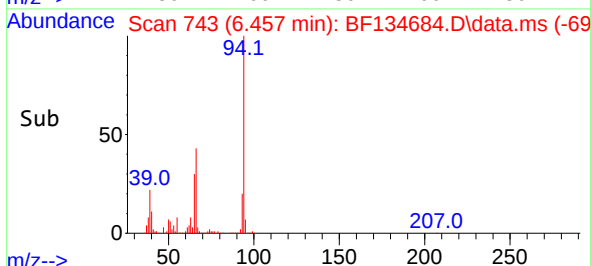
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

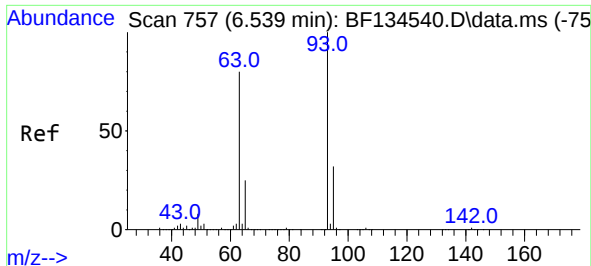


#10  
Phenol  
Concen: 44.568 ng m  
RT: 6.457 min Scan# 743  
Delta R.T. 0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33



Tgt Ion: 94 Resp: 698767  
Ion Ratio Lower Upper  
94 100  
65 30.2 17.8 57.8  
66 42.9 35.2 75.2





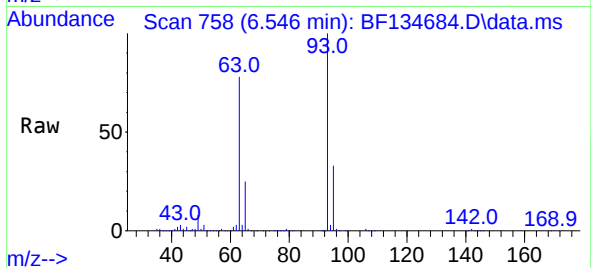
#11  
bis(2-Chloroethyl)ether  
Concen: 43.392 ng  
RT: 6.546 min Scan# 714  
Delta R.T. 0.000 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

ETGI-368MS

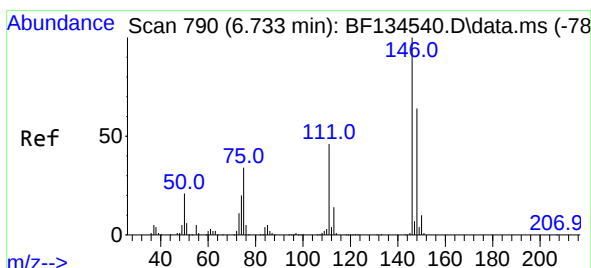
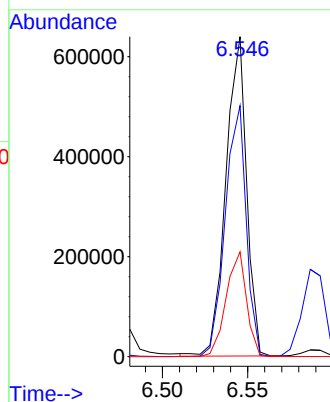
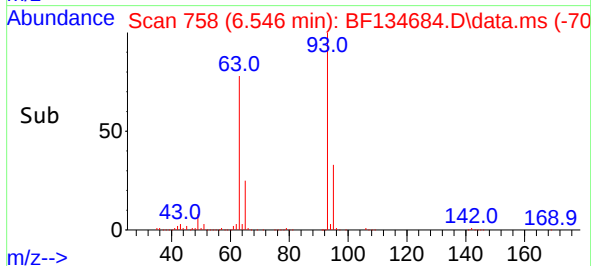


Tgt Ion: 93 Resp: 540458  
Ion Ratio Lower Upper  
93 100  
63 78.4 68.4 108.4  
95 32.7 12.4 52.4

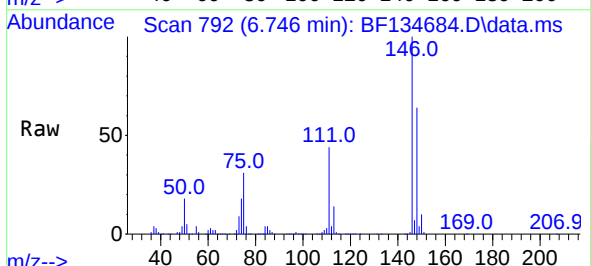
Manual Integrations

APPROVED

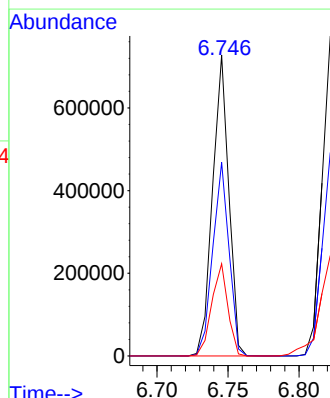
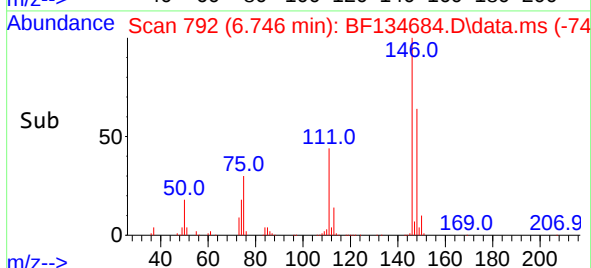
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

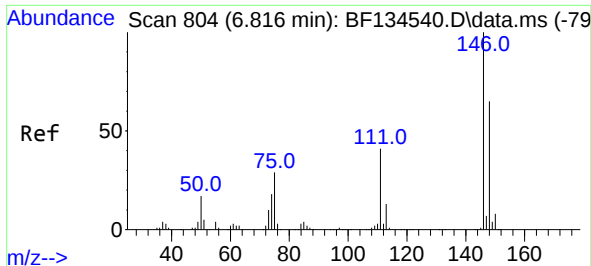


#12  
1,3-Dichlorobenzene  
Concen: 44.618 ng  
RT: 6.746 min Scan# 792  
Delta R.T. 0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33



Tgt Ion:146 Resp: 579592  
Ion Ratio Lower Upper  
146 100  
148 64.3 49.7 74.5  
75 30.6 29.5 44.3





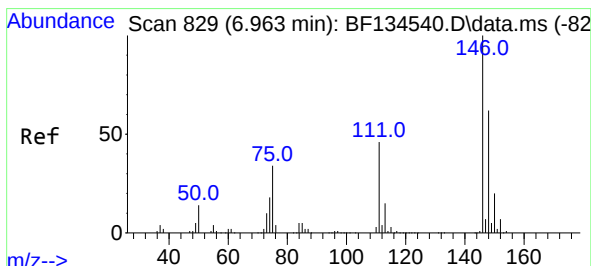
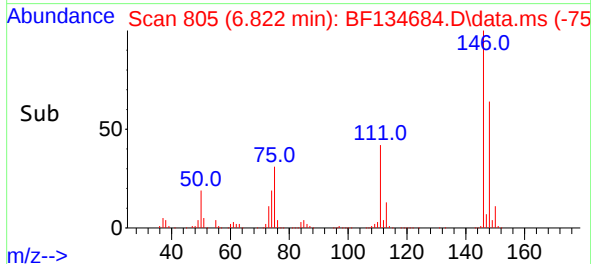
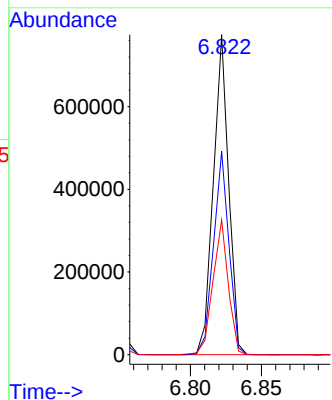
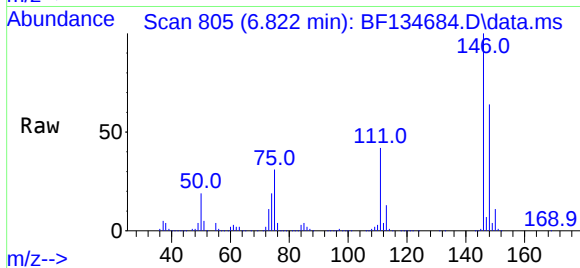
#13  
1,4-Dichlorobenzene  
Concen: 44.673 ng  
RT: 6.822 min Scan# 804  
Delta R.T. 0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-368MS

Tgt Ion:146 Resp: 581590  
Ion Ratio Lower Upper  
146 100  
148 63.6 51.3 76.9  
111 42.1 36.6 55.0

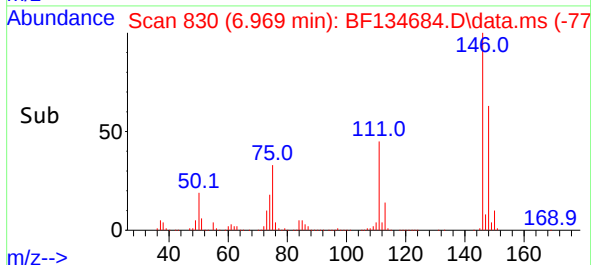
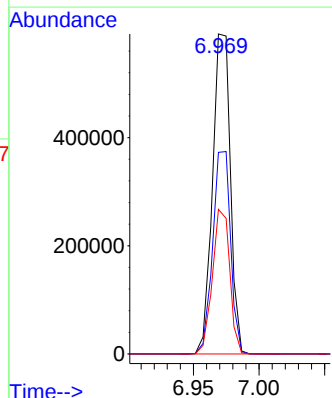
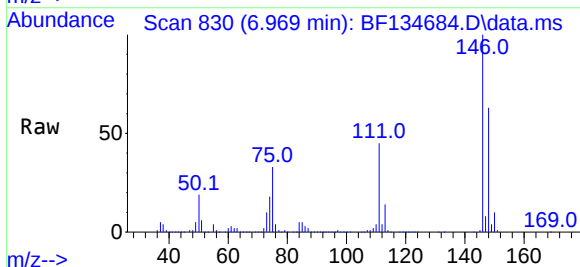
Manual Integrations  
APPROVED

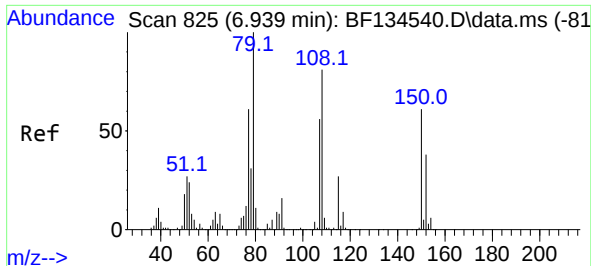
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023



#14  
1,2-Dichlorobenzene  
Concen: 46.250 ng  
RT: 6.969 min Scan# 830  
Delta R.T. 0.000 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Tgt Ion:146 Resp: 561025  
Ion Ratio Lower Upper  
146 100  
148 63.0 51.2 76.8  
111 45.2 39.9 59.9





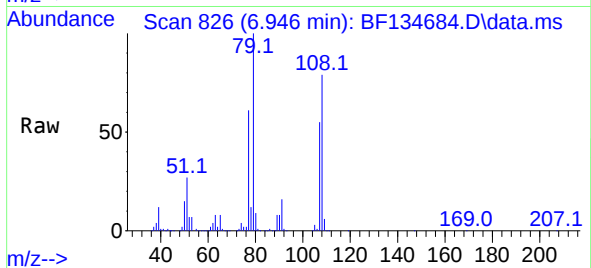
#15  
Benzyl Alcohol  
Concen: 44.009 ng  
RT: 6.946 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

ETGI-368MS

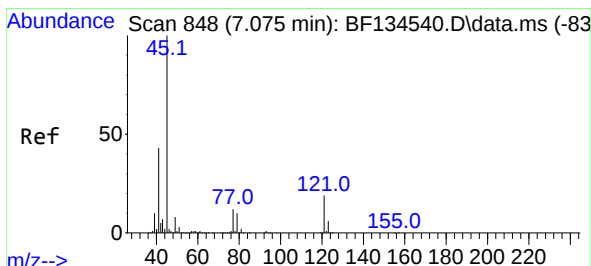
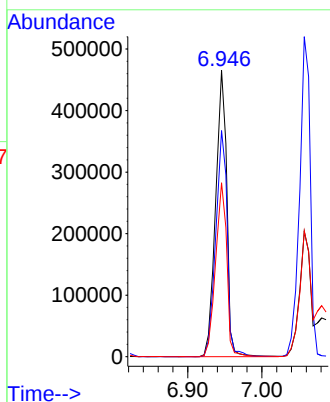
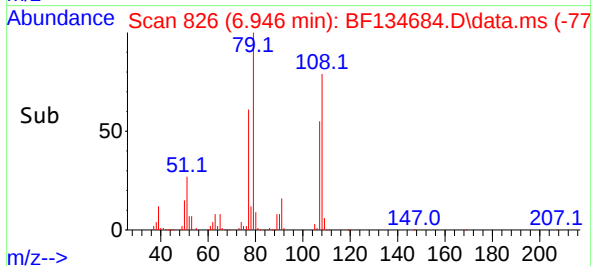


Tgt Ion: 79 Resp: 48304  
Ion Ratio Lower Upper  
79 100  
108 79.0 56.3 84.5  
77 60.8 50.6 76.0

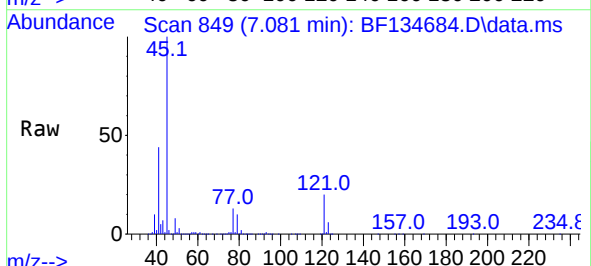
Manual Integrations

APPROVED

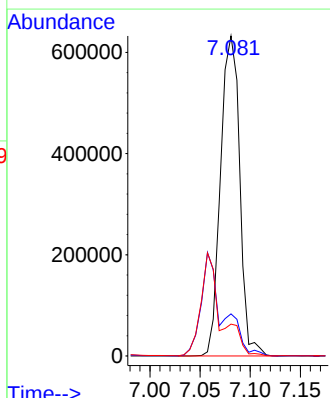
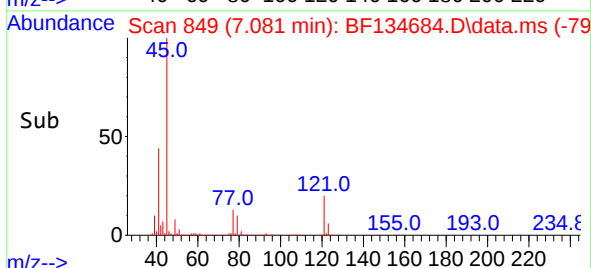
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

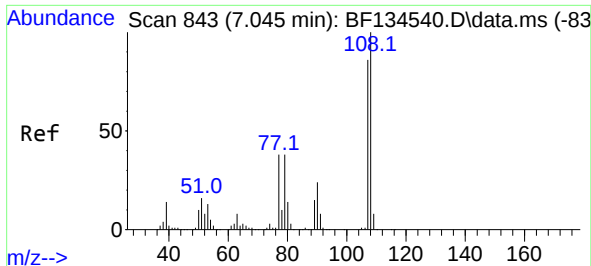


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.893 ng  
RT: 7.081 min Scan# 849  
Delta R.T. 0.000 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33



Tgt Ion: 45 Resp: 836977  
Ion Ratio Lower Upper  
45 100  
77 13.1 0.0 37.8  
79 9.9 0.0 34.5





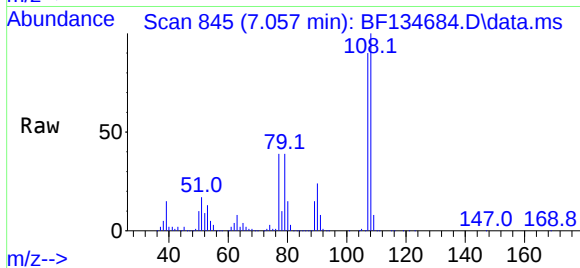
#17  
2-Methylphenol  
Concen: 41.175 ng  
RT: 7.057 min Scan# 843  
Delta R.T. 0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

ETGI-368MS

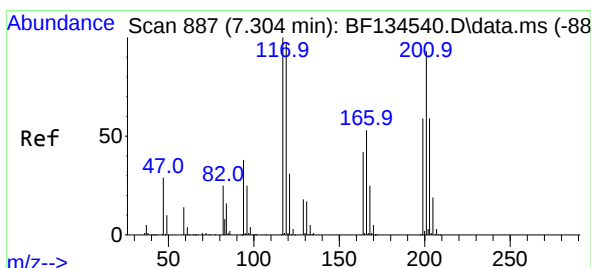
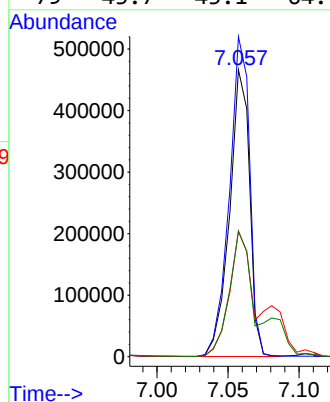
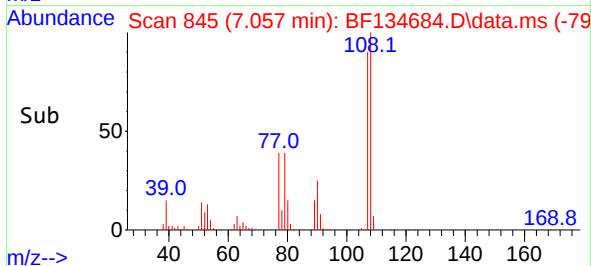


Tgt Ion:107 Resp: 456830  
Ion Ratio Lower Upper  
107 100  
108 111.6 89.4 134.2  
77 43.9 42.4 63.6  
79 43.7 43.1 64.7

Manual Integrations

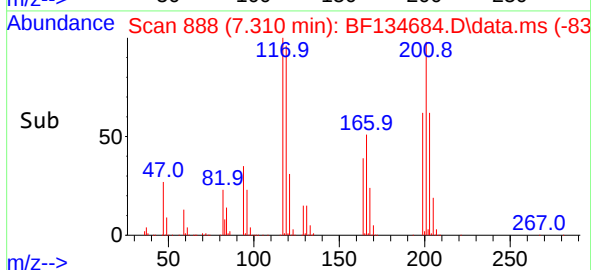
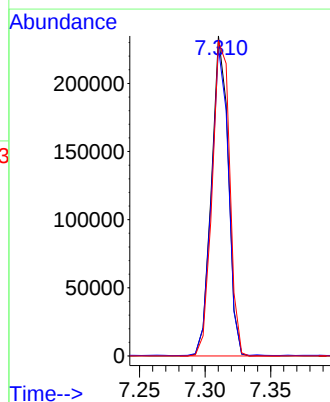
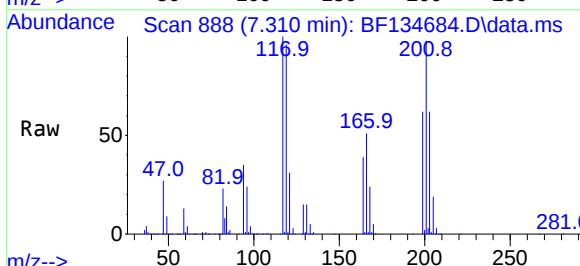
APPROVED

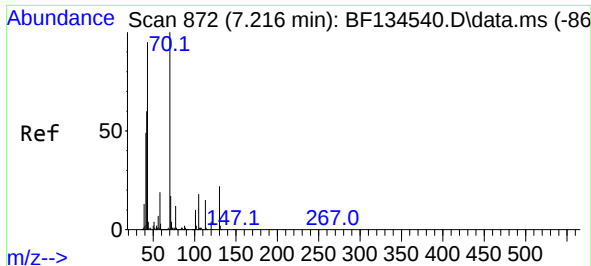
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023



#18  
Hexachloroethane  
Concen: 45.771 ng  
RT: 7.310 min Scan# 888  
Delta R.T. 0.000 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

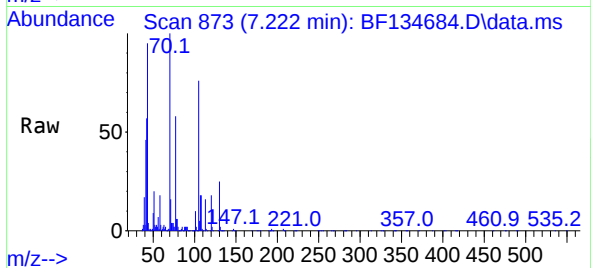
Tgt Ion:117 Resp: 209142  
Ion Ratio Lower Upper  
117 100  
119 96.4 75.8 113.8  
201 98.3 73.6 110.4





#19  
n-Nitroso-di-n-propylamine  
Concen: 38.462 ng  
RT: 7.222 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

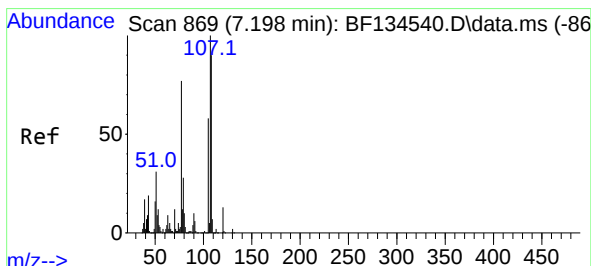
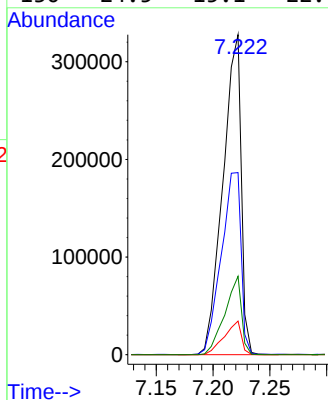
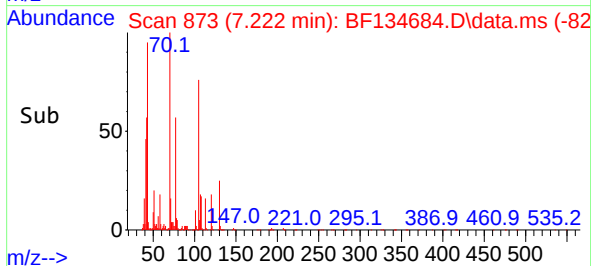
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-368MS



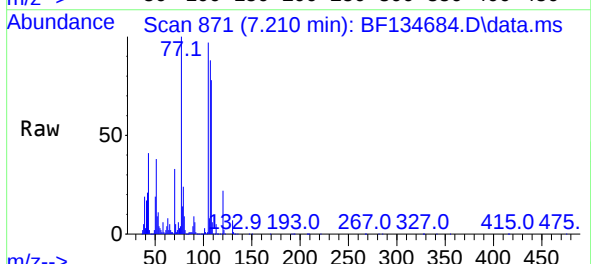
Tgt Ion: 70 Resp: 36638  
Ion Ratio Lower Upper  
70 100  
42 56.9 54.7 82.1  
101 10.5 8.2 12.2  
130 24.5 15.1 22.7#

Manual Integrations  
APPROVED

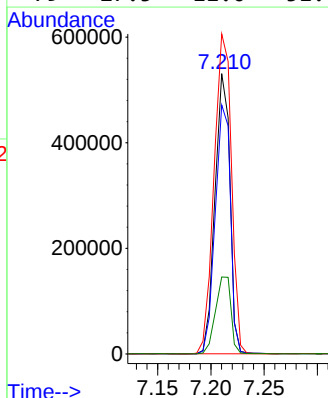
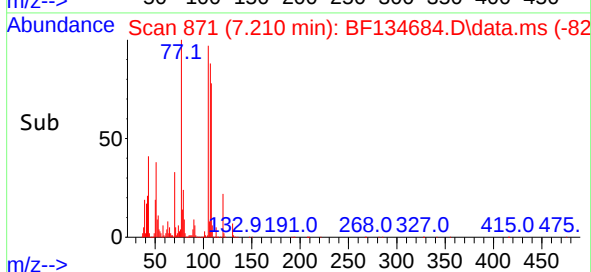
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

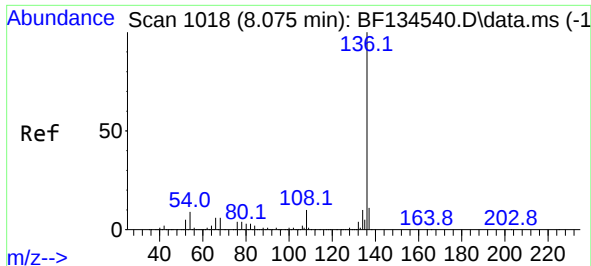


#20  
3+4-Methylphenols  
Concen: 38.457 ng  
RT: 7.210 min Scan# 871  
Delta R.T. 0.000 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33



Tgt Ion:107 Resp: 514567  
Ion Ratio Lower Upper  
107 100  
108 88.8 68.1 108.1  
77 114.2 122.1 162.1#  
79 27.5 11.0 51.0





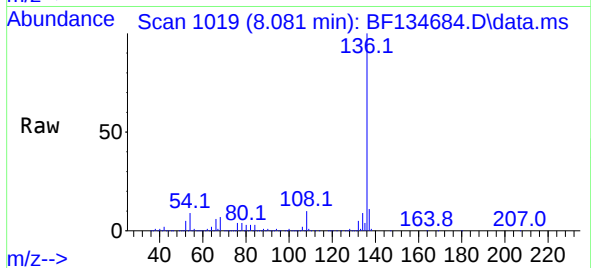
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.081 min Scan# 1018  
Delta R.T. 0.000 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

ETGI-368MS

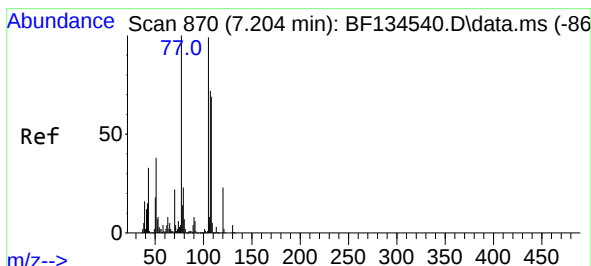
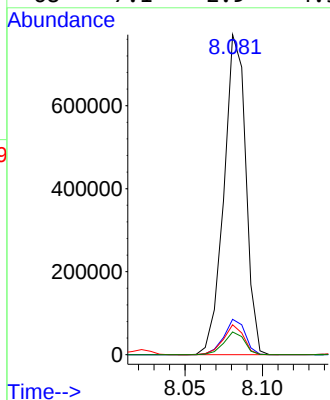
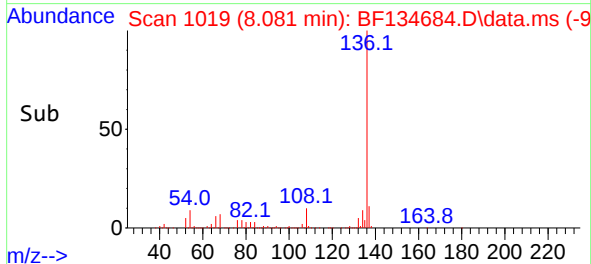


Tgt Ion:136 Resp: 755724  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.4 12.6  
54 9.3 5.2 7.8  
68 7.1 2.9 4.3

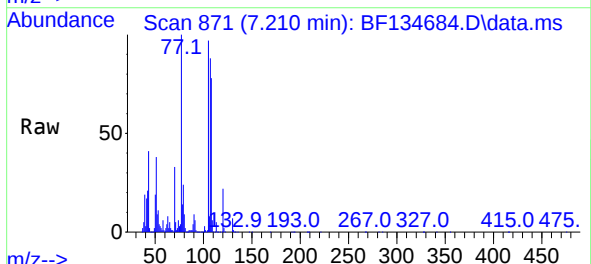
Manual Integrations

APPROVED

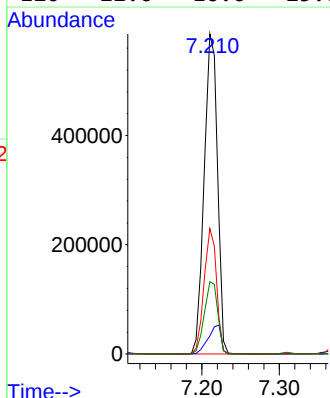
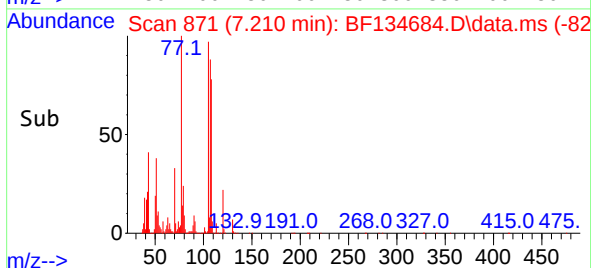
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

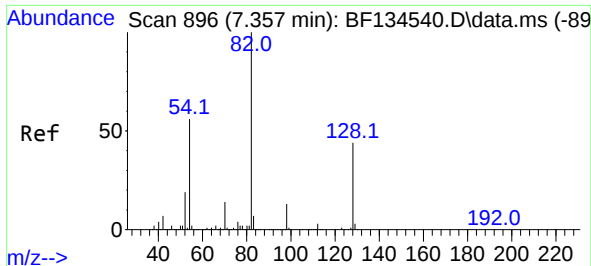


#22  
Acetophenone  
Concen: 40.011 ng  
RT: 7.210 min Scan# 871  
Delta R.T. -0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33



Tgt Ion:105 Resp: 698052  
Ion Ratio Lower Upper  
105 100  
71 5.6 7.4 11.0  
51 39.2 36.4 54.6  
120 22.6 16.6 25.0





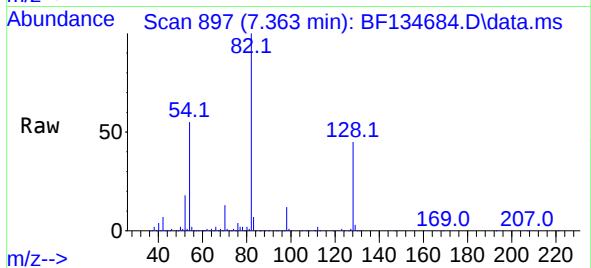
#23  
Nitrobenzene-d5  
Concen: 51.454 ng  
RT: 7.363 min Scan# 896  
Delta R.T. -0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

ETGI-368MS

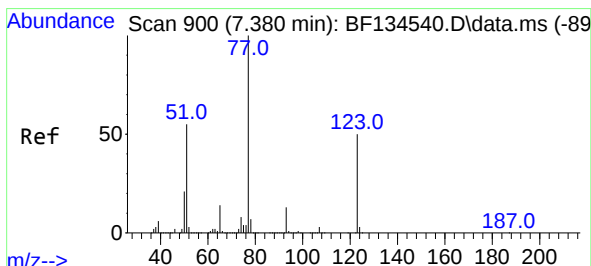
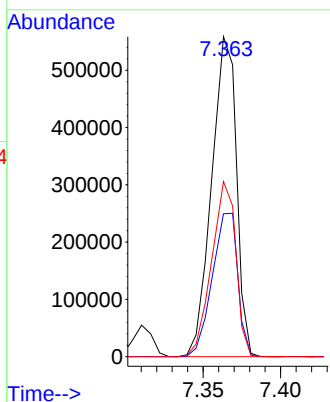
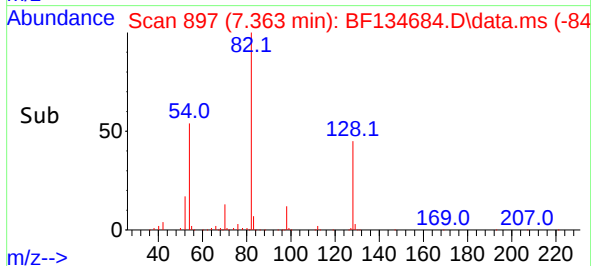


Tgt Ion: 82 Resp: 622230  
Ion Ratio Lower Upper  
82 100  
128 44.6 34.3 51.5  
54 54.8 43.8 65.6

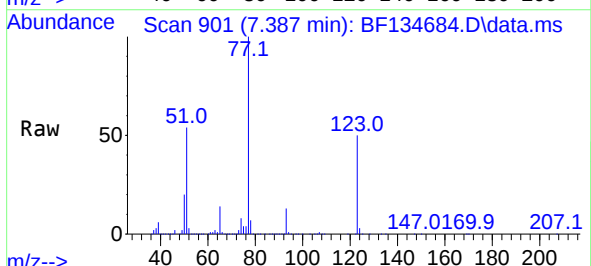
Manual Integrations

APPROVED

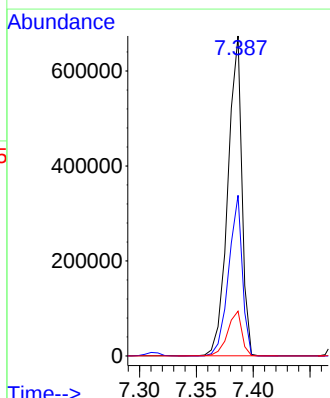
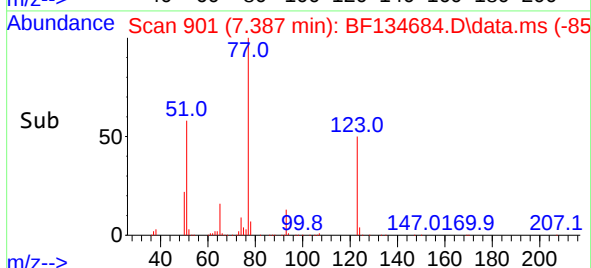
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

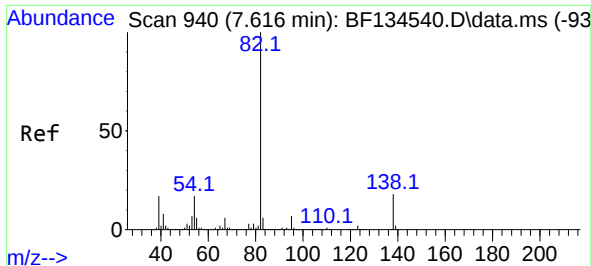


#24  
Nitrobenzene  
Concen: 44.253 ng  
RT: 7.387 min Scan# 901  
Delta R.T. 0.000 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33



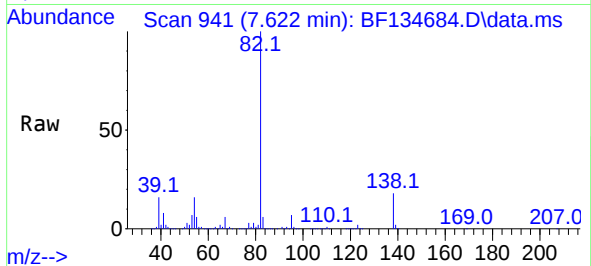
Tgt Ion: 77 Resp: 578146  
Ion Ratio Lower Upper  
77 100  
123 50.2 35.5 53.3  
65 14.0 11.9 17.9





#25  
Isophorone  
Concen: 40.924 ng  
RT: 7.622 min Scan# 941  
Delta R.T. -0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

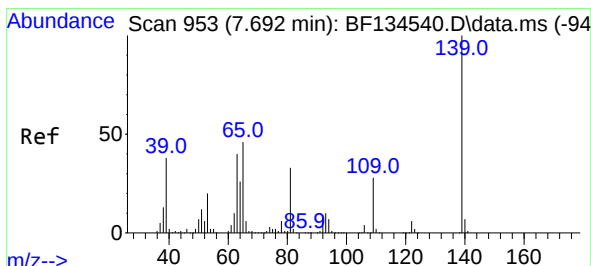
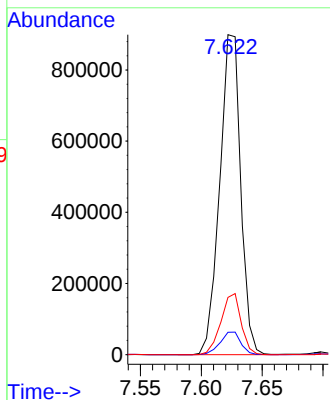
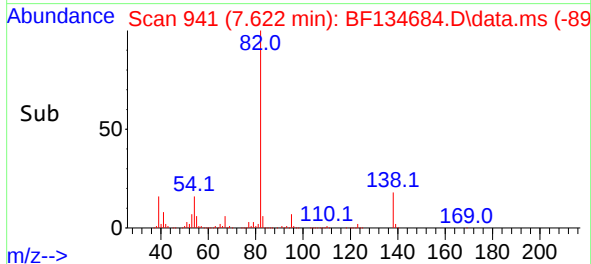
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-368MS



Tgt Ion: 82 Resp: 1079420  
Ion Ratio Lower Upper  
82 100  
95 7.0 6.0 9.0  
138 17.9 14.6 22.0

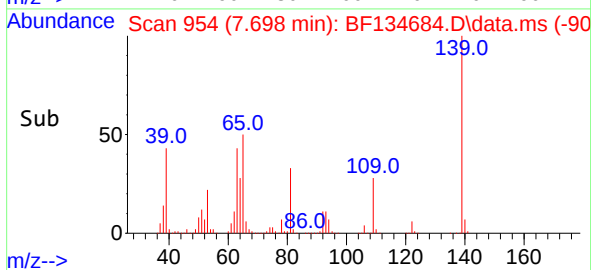
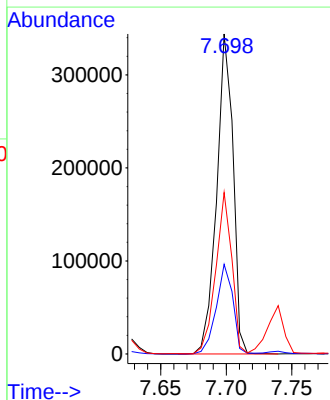
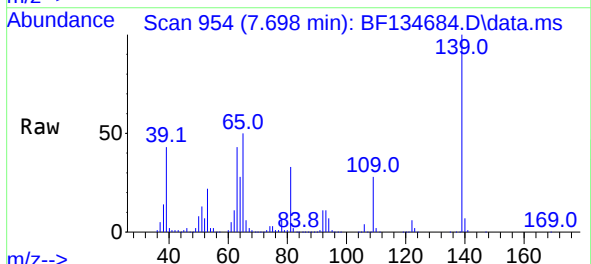
Manual Integrations  
APPROVED

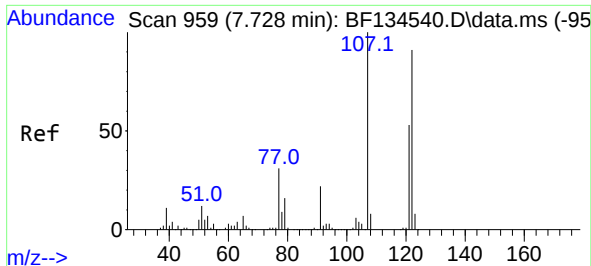
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023



#26  
2-Nitrophenol  
Concen: 53.000 ng  
RT: 7.698 min Scan# 954  
Delta R.T. 0.000 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Tgt Ion:139 Resp: 297731  
Ion Ratio Lower Upper  
139 100  
109 28.0 29.8 44.6#  
65 50.5 45.4 68.2





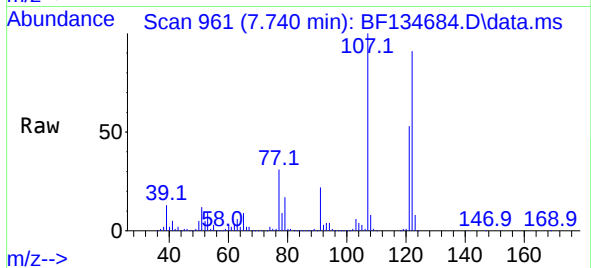
#27  
2,4-Dimethylphenol  
Concen: 39.210 ng  
RT: 7.740 min Scan# 90  
Delta R.T. 0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

ETGI-368MS

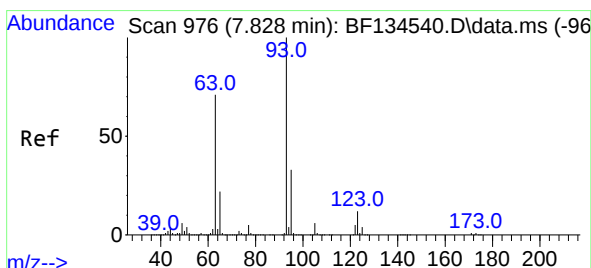
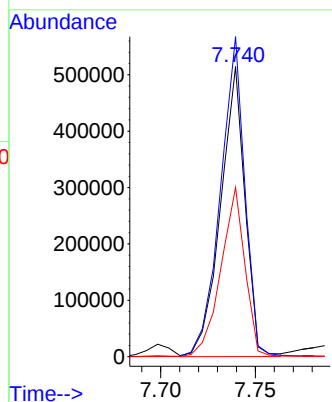
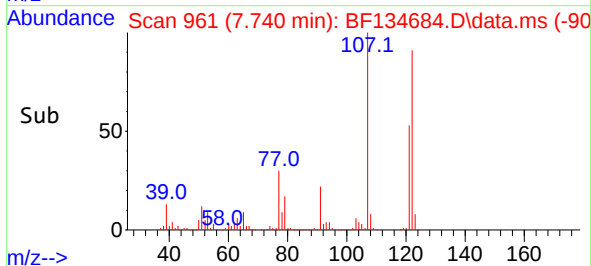


Tgt Ion:122 Resp: 461450  
Ion Ratio Lower Upper  
122 100  
107 110.3 106.7 160.1  
121 58.3 49.0 73.6

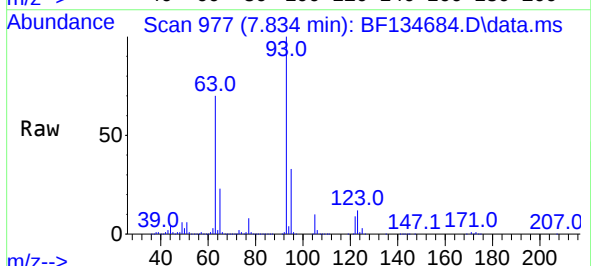
Manual Integrations

APPROVED

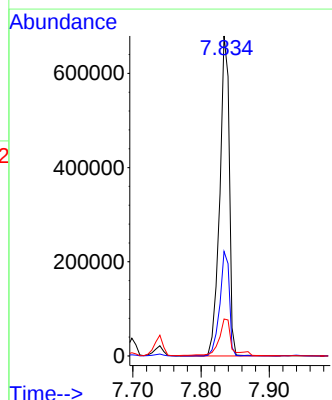
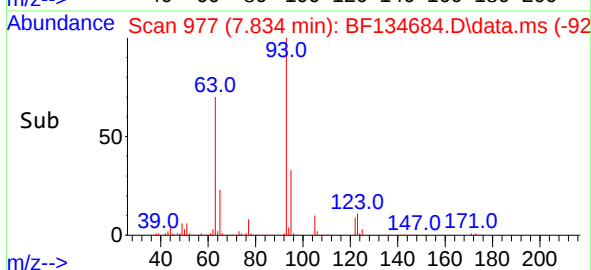
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

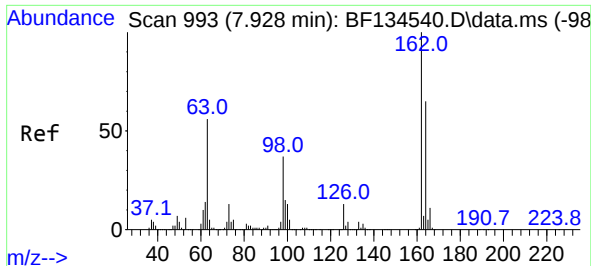


#28  
bis(2-Chloroethoxy)methane  
Concen: 42.087 ng  
RT: 7.834 min Scan# 977  
Delta R.T. 0.000 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33



Tgt Ion: 93 Resp: 664059  
Ion Ratio Lower Upper  
93 100  
95 32.7 26.5 39.7  
123 11.6 9.6 14.4





#29  
2,4-Dichlorophenol  
Concen: 43.888 ng  
RT: 7.940 min Scan# 994  
Delta R.T. 0.000 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

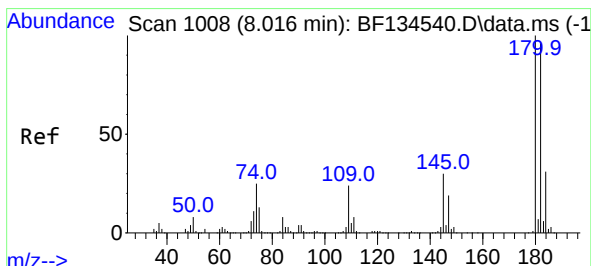
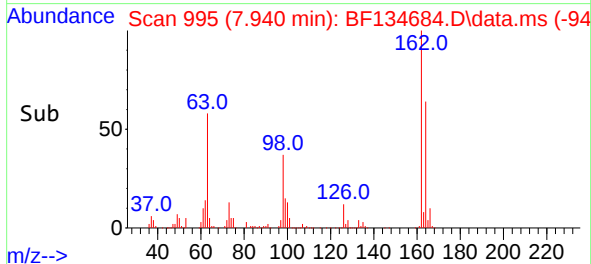
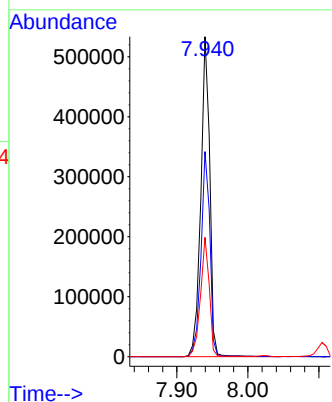
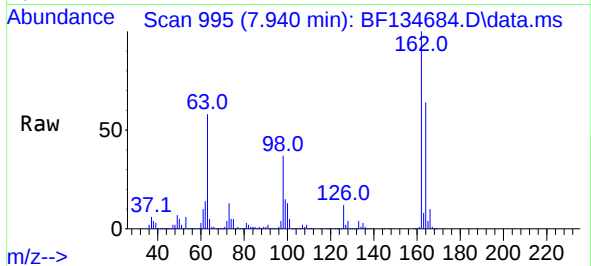
ETGI-368MS

Tgt Ion:162 Resp: 468780  
Ion Ratio Lower Upper  
162 100  
164 64.1 42.2 82.2  
98 37.3 15.5 55.5

Manual Integrations

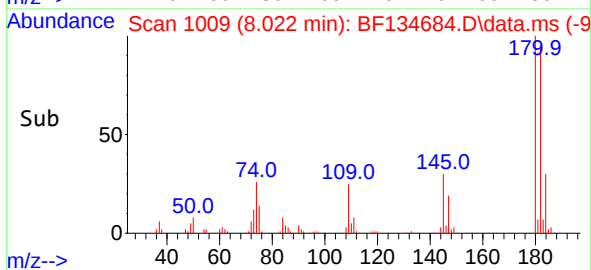
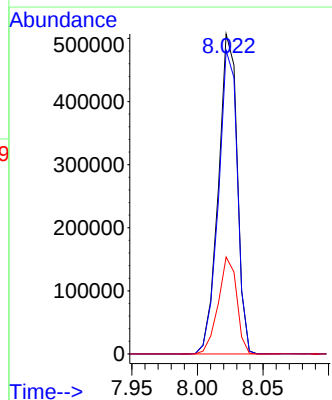
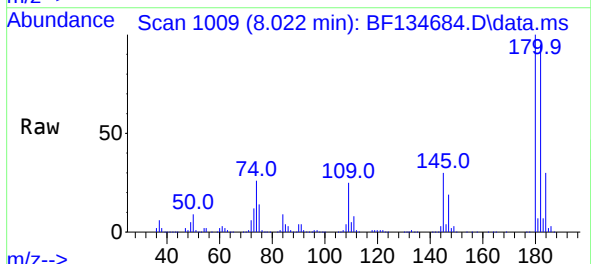
APPROVED

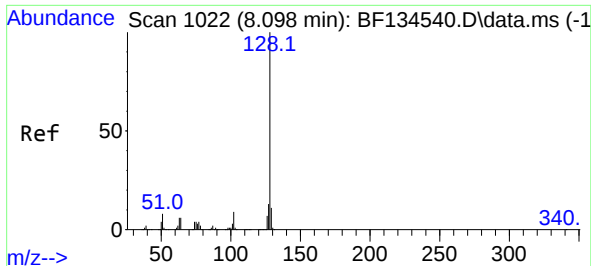
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023



#30  
1,2,4-Trichlorobenzene  
Concen: 44.381 ng  
RT: 8.022 min Scan# 1009  
Delta R.T. 0.000 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Tgt Ion:180 Resp: 505522  
Ion Ratio Lower Upper  
180 100  
182 94.9 75.0 112.6  
145 30.3 25.5 38.3





#31  
Naphthalene  
Concen: 41.159 ng  
RT: 8.104 min Scan# 1023  
Delta R.T. 0.000 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

ETGI-368MS

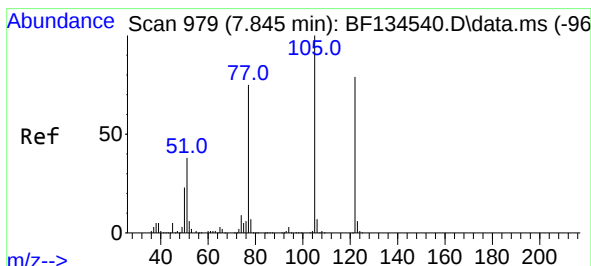
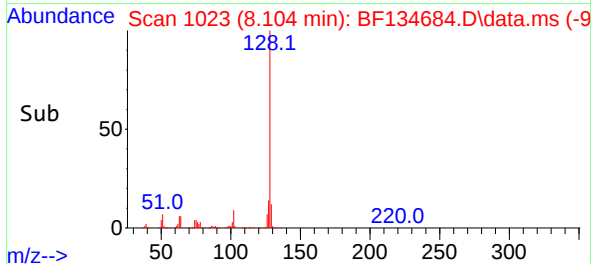
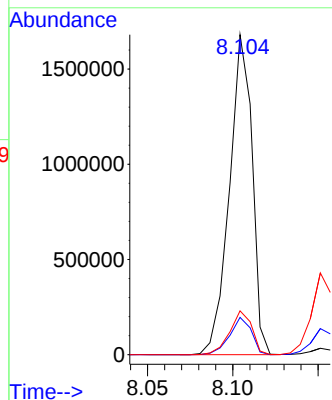
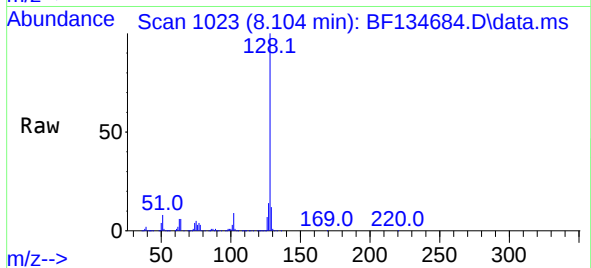
Tgt Ion:128 Resp: 156326  
Ion Ratio Lower Upper  
128 100  
129 11.6 8.4 12.6  
127 13.7 10.7 16.1

Manual Integrations

APPROVED

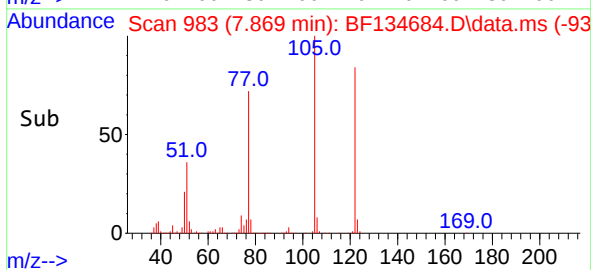
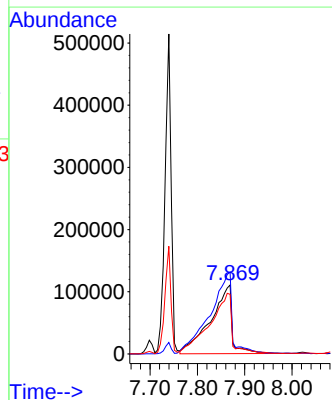
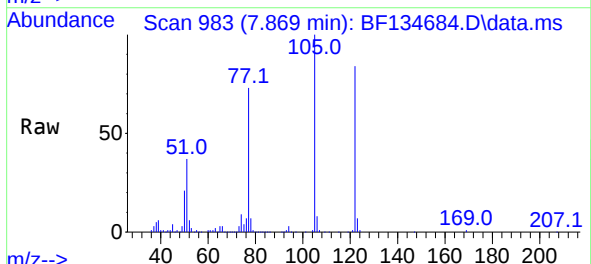
Reviewed By :Yogesh Patel 08/10/2023

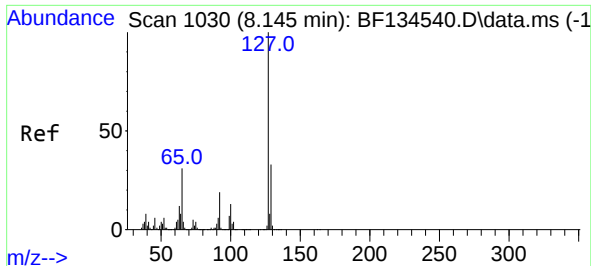
Supervised By :mohammad ahmed 08/10/2023



#32  
Benzoic acid  
Concen: 46.407 ng  
RT: 7.869 min Scan# 983  
Delta R.T. 0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Tgt Ion:122 Resp: 353867  
Ion Ratio Lower Upper  
122 100  
105 118.6 87.5 127.5  
77 86.6 71.4 111.4





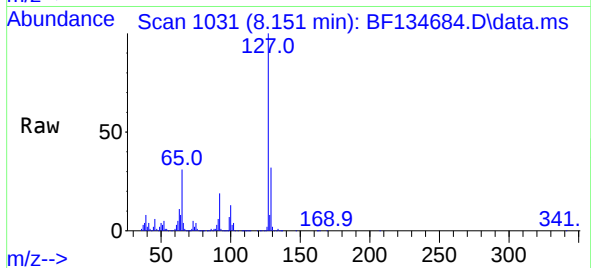
#33  
4-Chloroaniline  
Concen: 23.591 ng  
RT: 8.151 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

ETGI-368MS

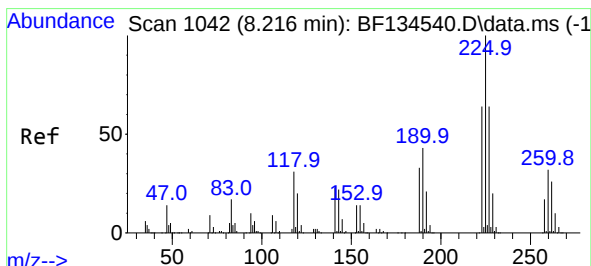
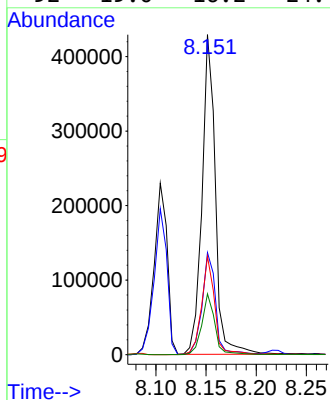
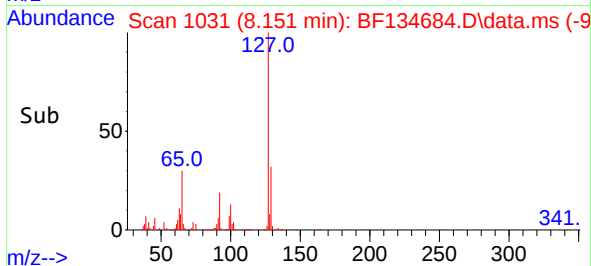


Tgt Ion:127 Resp: 399240  
Ion Ratio Lower Upper  
127 100  
129 31.9 25.6 38.4  
65 30.7 25.4 38.0  
92 19.0 16.2 24.4

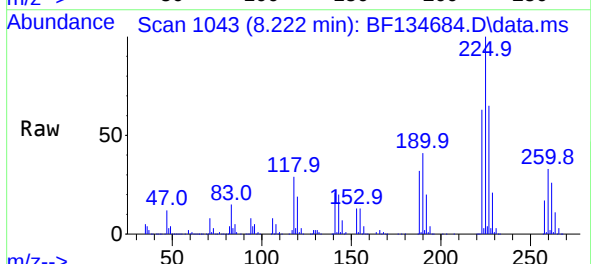
Manual Integrations

APPROVED

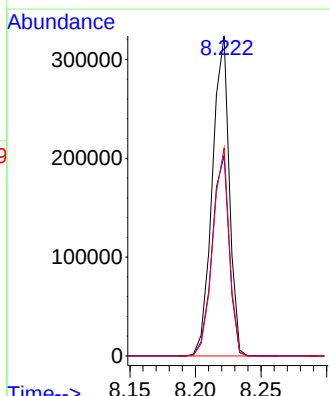
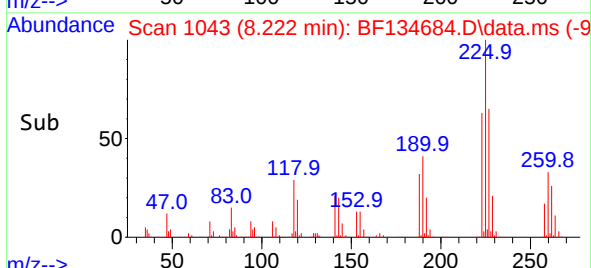
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

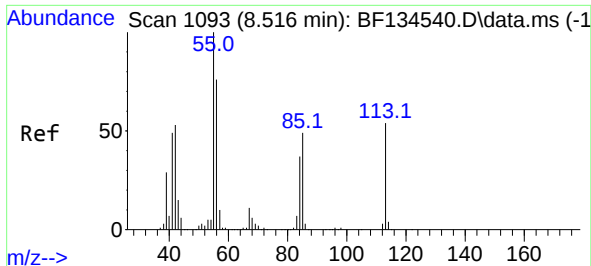


#34  
Hexachlorobutadiene  
Concen: 44.265 ng  
RT: 8.222 min Scan# 1043  
Delta R.T. 0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33



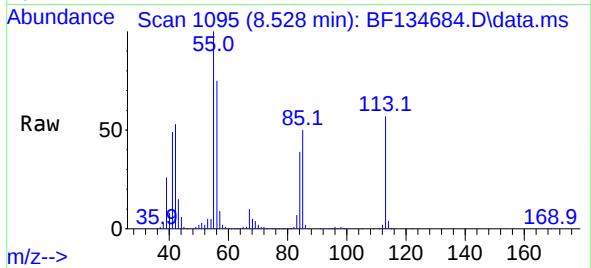
Tgt Ion:225 Resp: 290830  
Ion Ratio Lower Upper  
225 100  
223 62.6 48.2 72.4  
227 64.9 48.5 72.7





#35  
Caprolactam  
Concen: 45.270 ng m  
RT: 8.528 min Scan# 1095  
Delta R.T. -0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

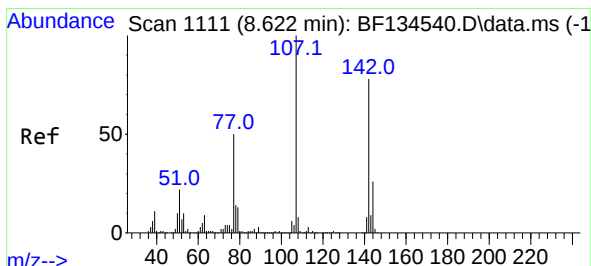
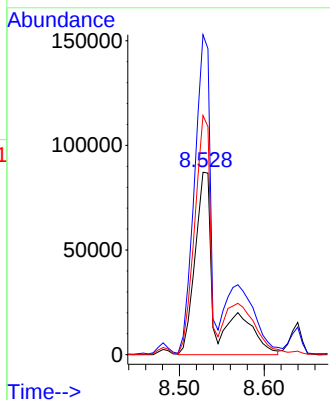
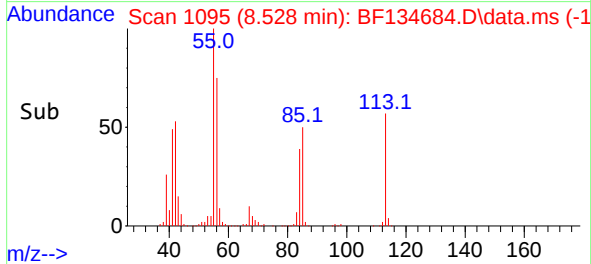
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-368MS



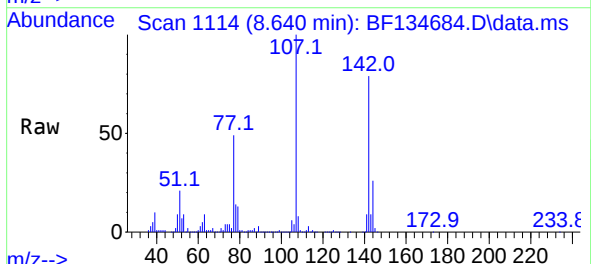
Tgt Ion:113 Resp: 156000  
Ion Ratio Lower Upper  
113 100  
55 175.5 161.5 201.5  
56 131.1 117.8 157.8

Manual Integrations  
APPROVED

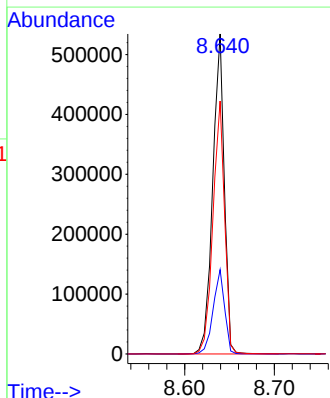
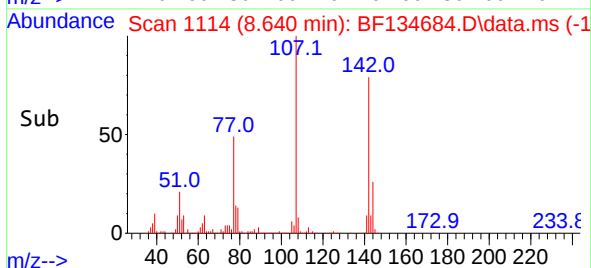
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

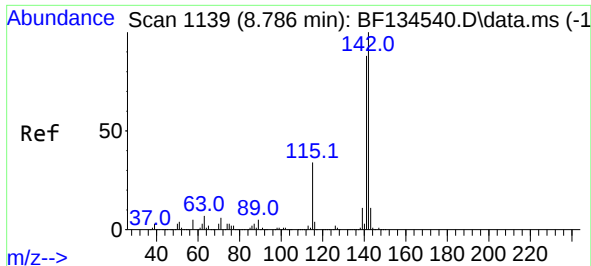


#36  
4-Chloro-3-methylphenol  
Concen: 42.292 ng  
RT: 8.640 min Scan# 1114  
Delta R.T. 0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33



Tgt Ion:107 Resp: 478415  
Ion Ratio Lower Upper  
107 100  
144 26.4 19.6 29.4  
142 79.1 57.7 86.5





#37

2-Methylnaphthalene

Concen: 39.678 ng

RT: 8.798 min Scan# 1139

Delta R.T. 0.006 min

Lab File: BF134684.D

Acq: 09 Aug 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

ETGI-368MS

Tgt Ion:142 Resp: 99892

Ion Ratio Lower Upper

142 100

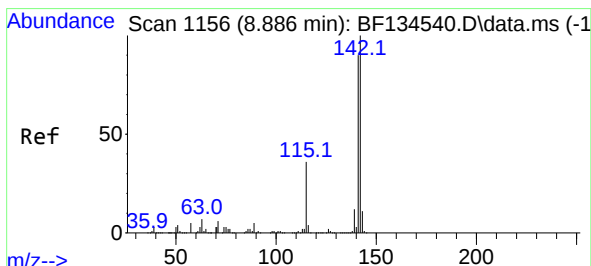
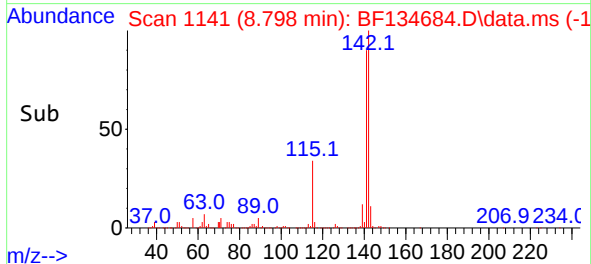
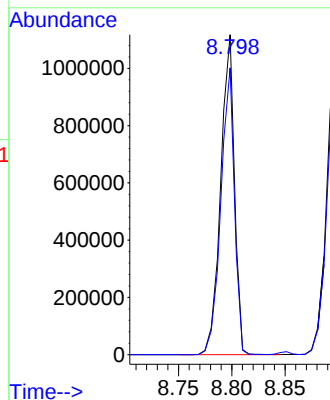
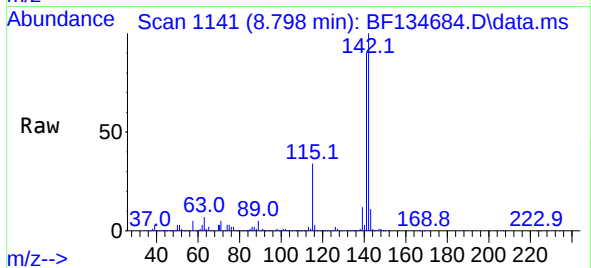
141 89.7 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2023

Supervised By :mohammad ahmed 08/10/2023



#38

1-Methylnaphthalene

Concen: 40.962 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.006 min

Lab File: BF134684.D

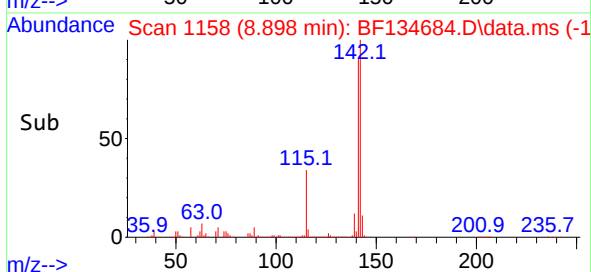
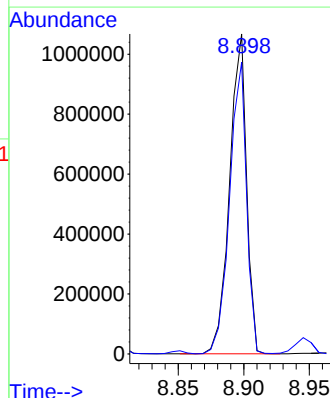
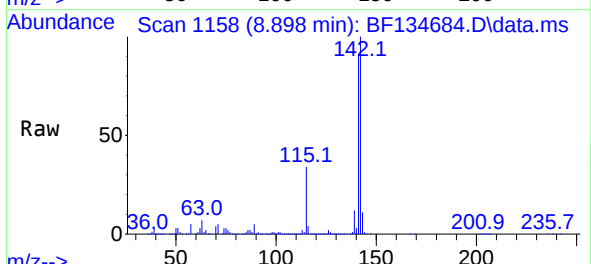
Acq: 09 Aug 2023 11:33

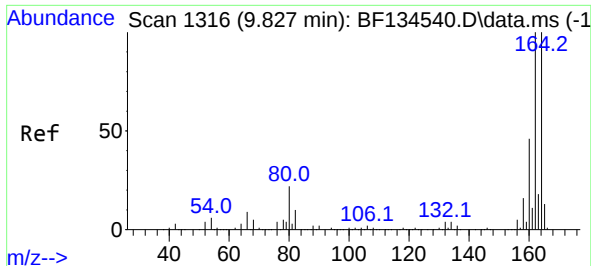
Tgt Ion:142 Resp: 958944

Ion Ratio Lower Upper

142 100

141 91.2 71.4 107.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1118

Delta R.T. 0.006 min

Lab File: BF134684.D

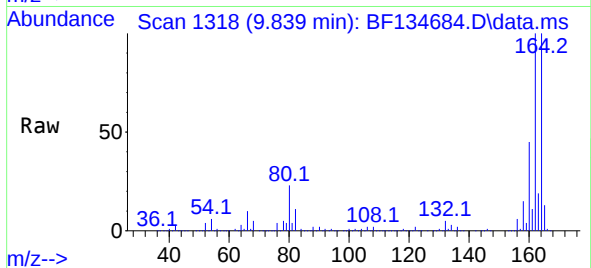
Acq: 09 Aug 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

ETGI-368MS



Tgt Ion:164 Resp: 37996

Ion Ratio Lower Upper

164 100

162 100.0 82.6 123.8

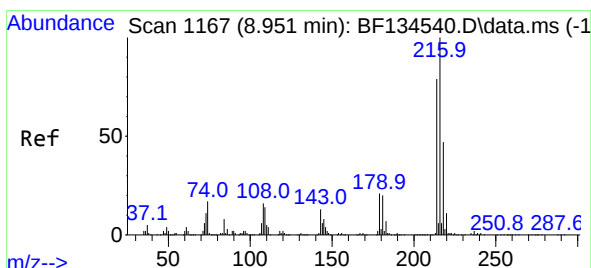
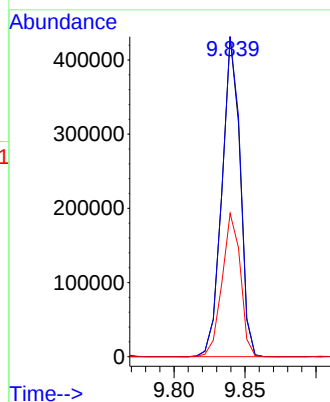
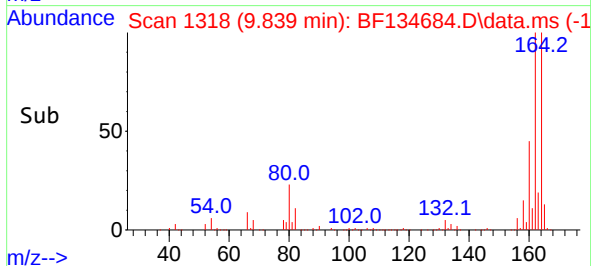
160 44.8 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2023

Supervised By :mohammad ahmed 08/10/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.881 ng

RT: 8.963 min Scan# 1169

Delta R.T. 0.006 min

Lab File: BF134684.D

Acq: 09 Aug 2023 11:33

Tgt Ion:216 Resp: 484844

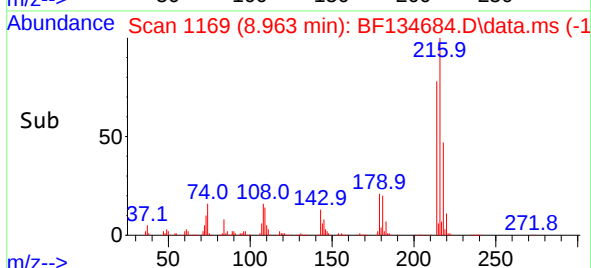
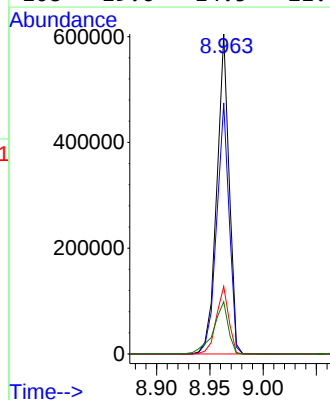
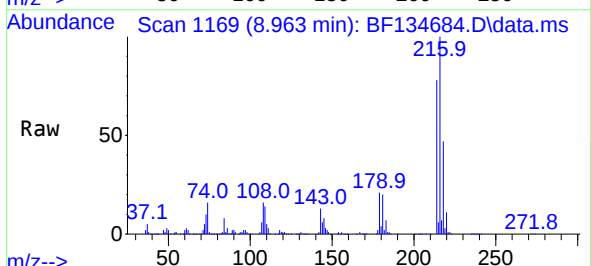
Ion Ratio Lower Upper

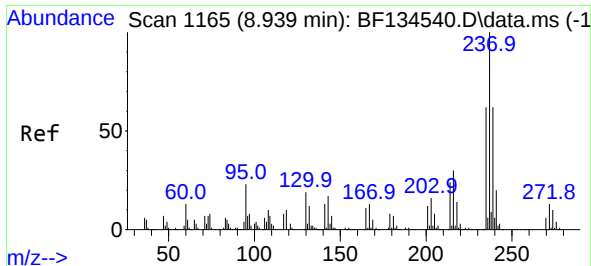
216 100

214 79.4 62.3 93.5

179 21.2 17.4 26.0

108 19.6 14.5 21.7





#41  
Hexachlorocyclopentadiene  
Concen: 78.718 ng  
RT: 8.945 min Scan# 1166  
Delta R.T. 0.000 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

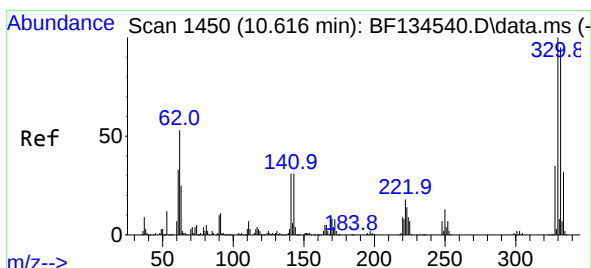
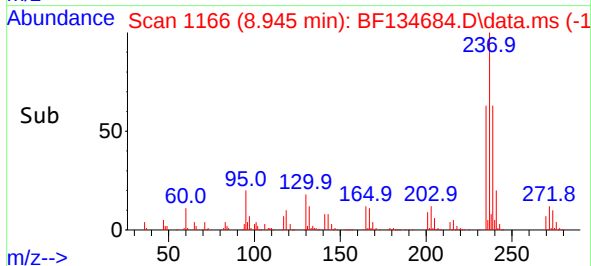
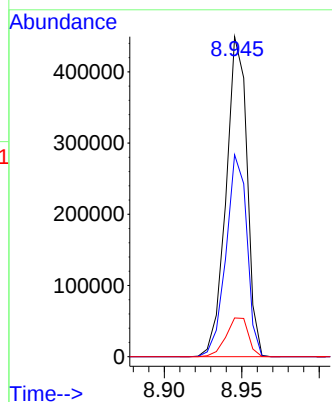
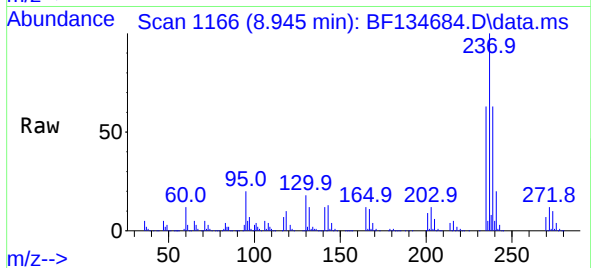
ETGI-368MS

Tgt Ion:237 Resp: 42294  
Ion Ratio Lower Upper  
237 100  
235 63.1 37.0 77.0  
272 12.1 0.0 32.7

Manual Integrations

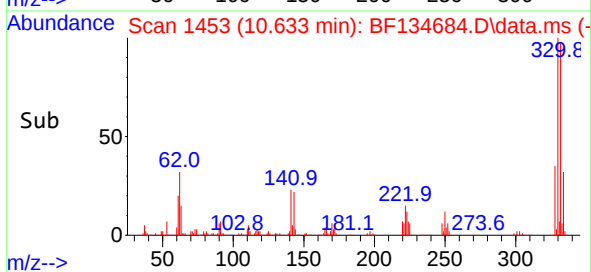
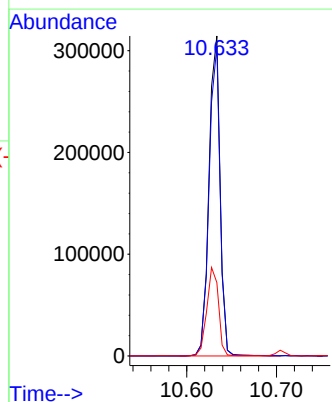
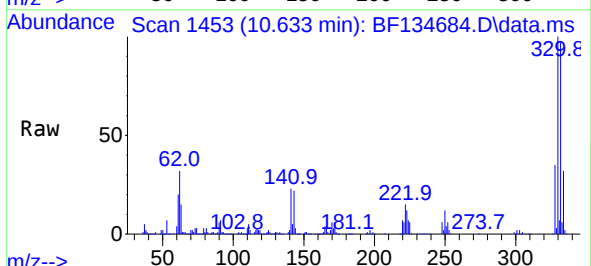
APPROVED

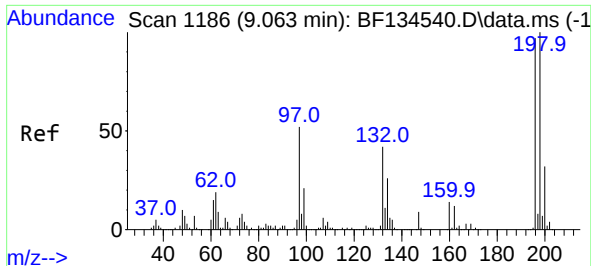
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023



#42  
2,4,6-Tribromophenol  
Concen: 69.852 ng  
RT: 10.633 min Scan# 1453  
Delta R.T. 0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Tgt Ion:330 Resp: 270561  
Ion Ratio Lower Upper  
330 100  
332 96.0 78.8 118.2  
141 29.1 25.4 38.2





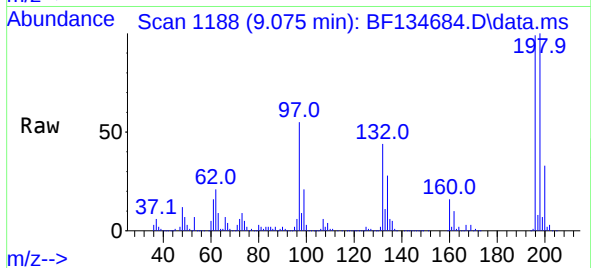
#43  
2,4,6-Trichlorophenol  
Concen: 45.271 ng  
RT: 9.075 min Scan# 1188  
Delta R.T. 0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

ETGI-368MS

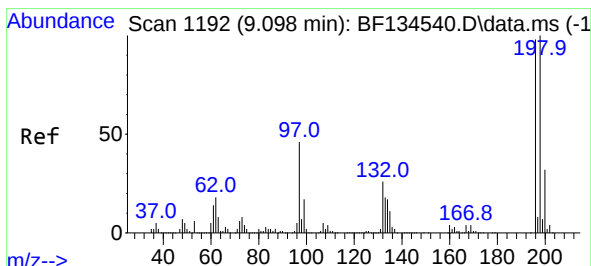
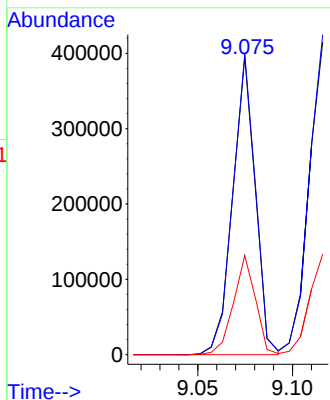
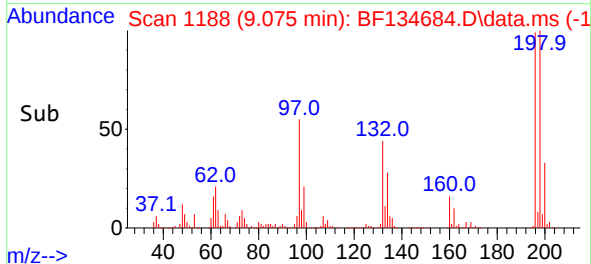


Tgt Ion:196 Resp: 32736  
Ion Ratio Lower Upper  
196 100  
198 101.1 77.4 116.2  
200 33.3 25.4 38.2

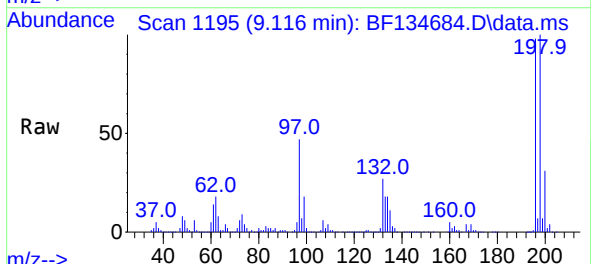
Manual Integrations

APPROVED

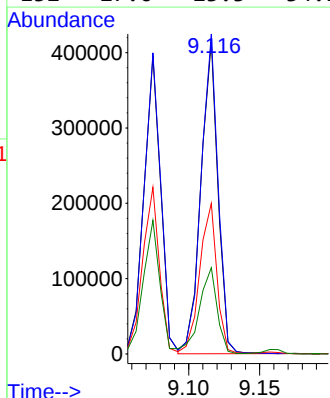
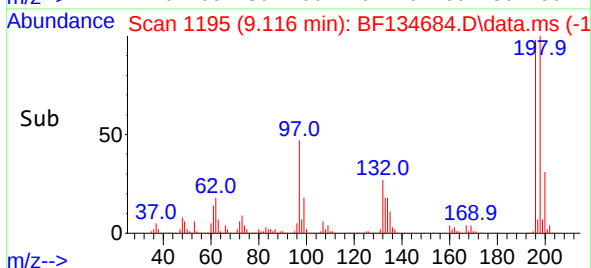
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

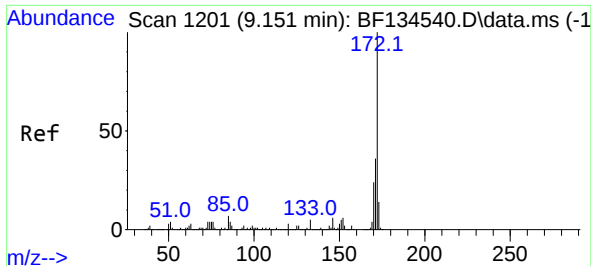


#44  
2,4,5-Trichlorophenol  
Concen: 42.007 ng  
RT: 9.116 min Scan# 1195  
Delta R.T. 0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33



Tgt Ion:196 Resp: 347167  
Ion Ratio Lower Upper  
196 100  
198 102.4 73.0 109.4  
97 48.2 40.8 61.2  
132 27.6 23.3 34.9





#45  
2-Fluorobiphenyl  
Concen: 51.183 ng  
RT: 9.163 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

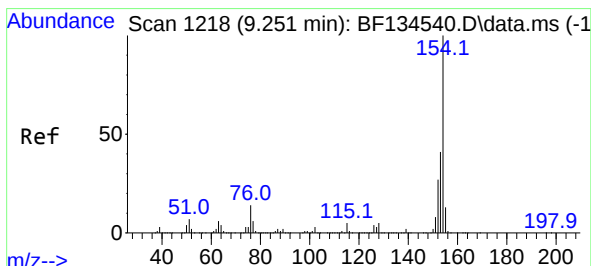
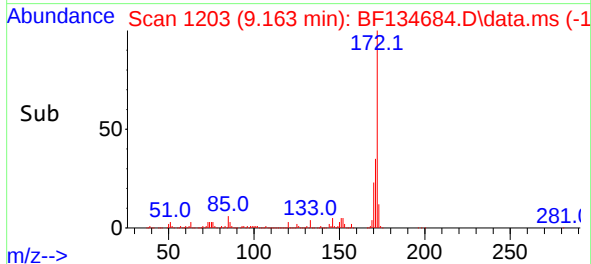
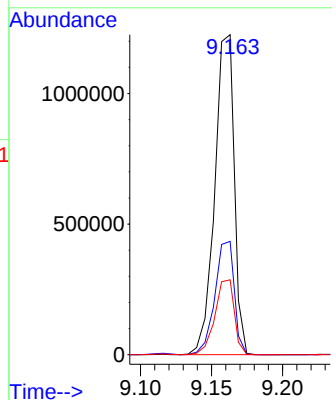
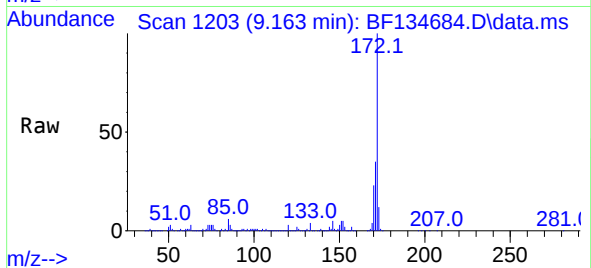
ETGI-368MS

Tgt Ion:172 Resp: 116965  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.8 43.2  
170 23.4 18.7 28.1

Manual Integrations

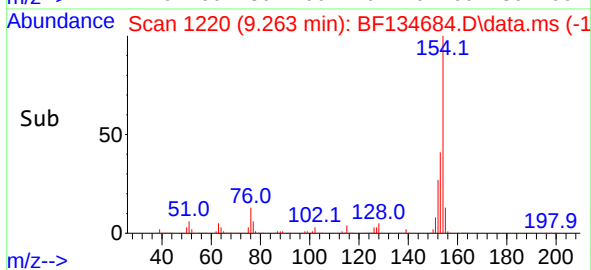
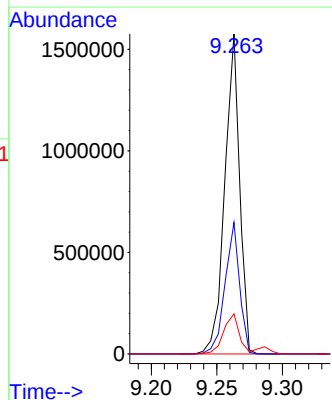
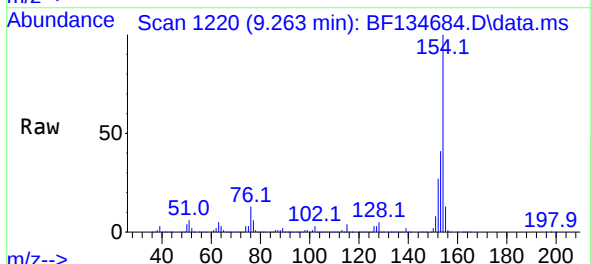
APPROVED

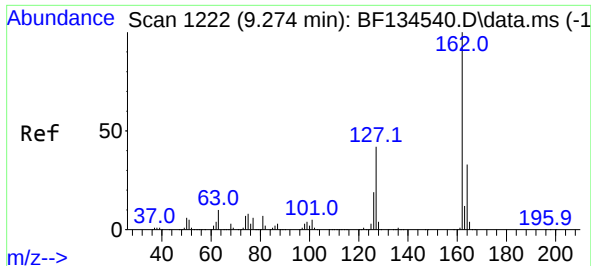
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023



#46  
1,1'-Biphenyl  
Concen: 41.901 ng  
RT: 9.263 min Scan# 1220  
Delta R.T. 0.000 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Tgt Ion:154 Resp: 1238047  
Ion Ratio Lower Upper  
154 100  
153 41.1 20.8 60.8  
76 12.5 0.0 30.2





#47  
2-Chloronaphthalene  
Concen: 42.699 ng  
RT: 9.287 min Scan# 1224  
Delta R.T. 0.000 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

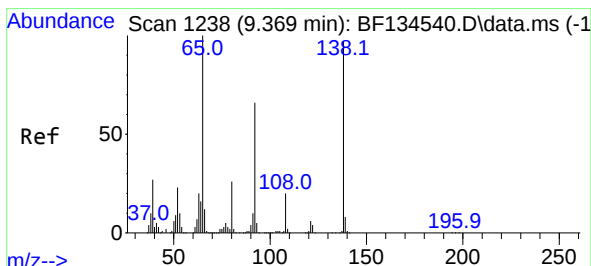
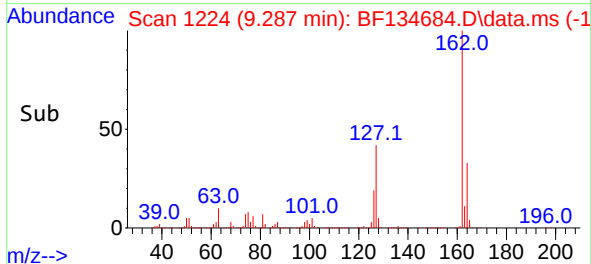
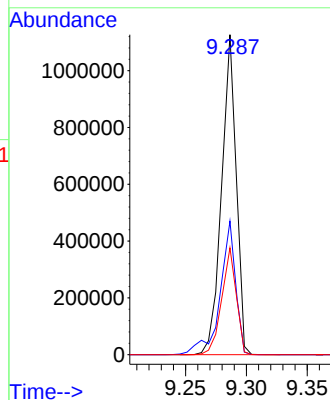
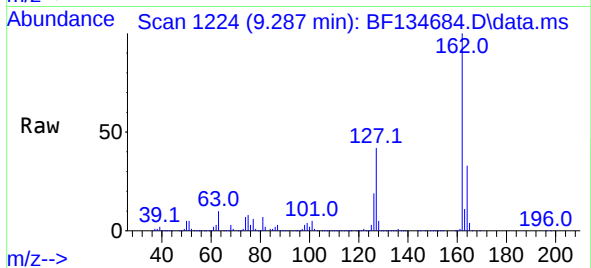
ETGI-368MS

Tgt Ion:162 Resp: 945330  
Ion Ratio Lower Upper  
162 100  
127 41.8 34.0 51.0  
164 33.4 25.7 38.5

Manual Integrations

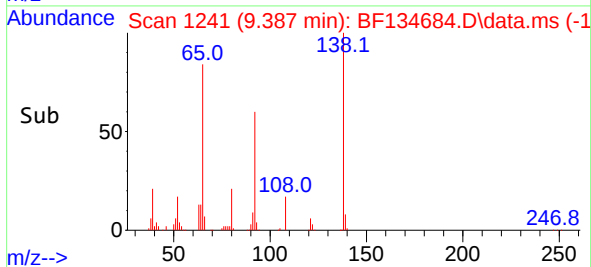
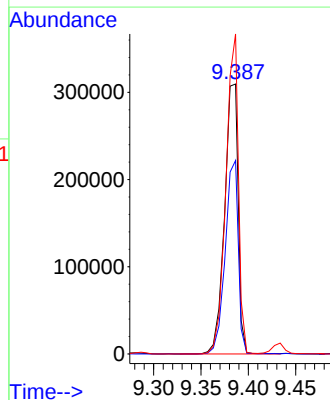
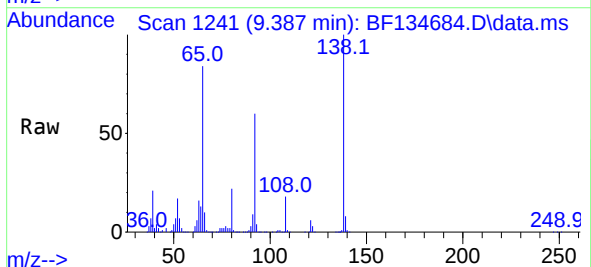
APPROVED

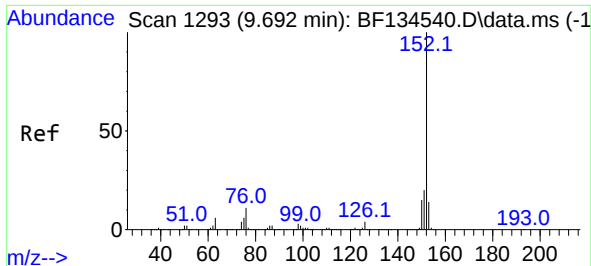
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023



#48  
2-Nitroaniline  
Concen: 45.320 ng  
RT: 9.387 min Scan# 1241  
Delta R.T. 0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Tgt Ion: 65 Resp: 311503  
Ion Ratio Lower Upper  
65 100  
92 71.7 50.7 76.1  
138 118.6 78.2 117.4#





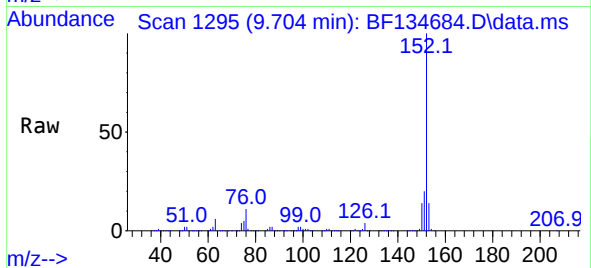
#49  
Acenaphthylene  
Concen: 42.147 ng  
RT: 9.704 min Scan# 1295  
Delta R.T. 0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

ETGI-368MS

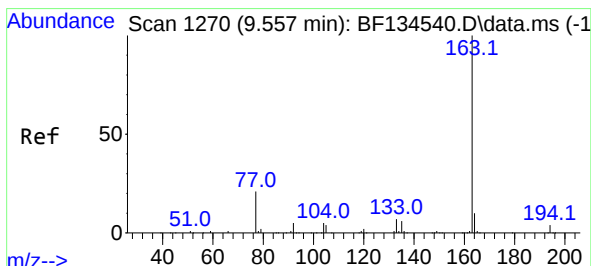
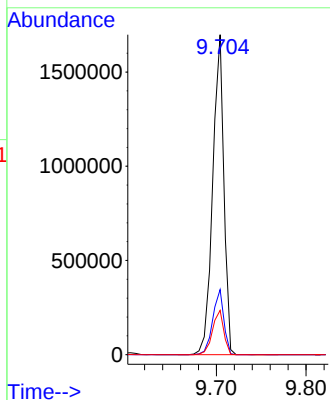
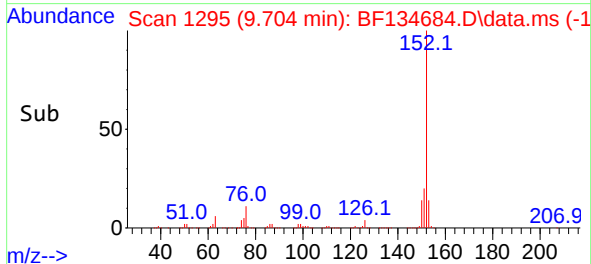


Tgt Ion:152 Resp: 1466744  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.4 24.6  
153 13.8 10.9 16.3

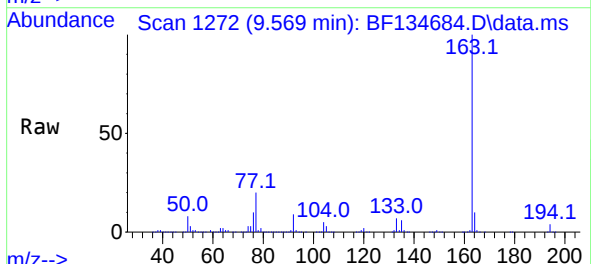
Manual Integrations

APPROVED

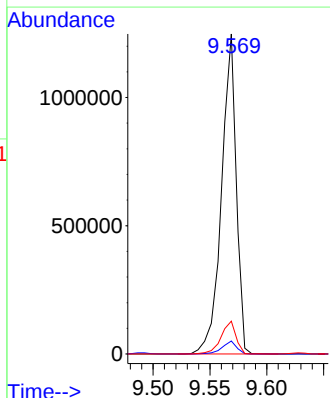
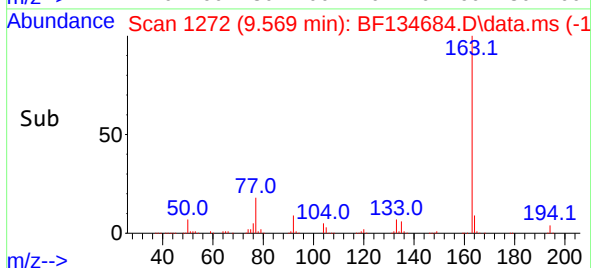
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

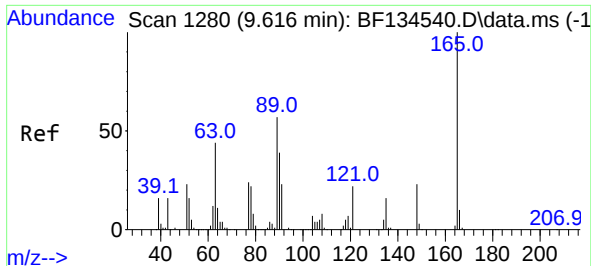


#50  
Dimethylphthalate  
Concen: 43.615 ng  
RT: 9.569 min Scan# 1272  
Delta R.T. 0.000 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33



Tgt Ion:163 Resp: 1129510  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.3 4.9  
164 10.2 7.5 11.3





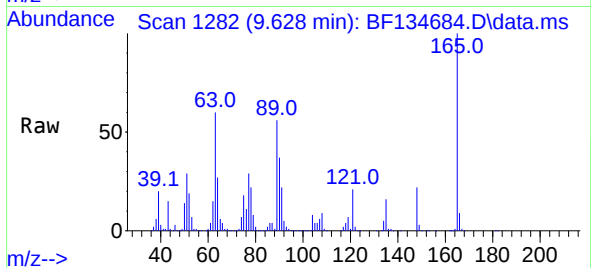
#51  
2,6-Dinitrotoluene  
Concen: 48.272 ng  
RT: 9.628 min Scan# 1282  
Delta R.T. 0.000 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

ETGI-368MS

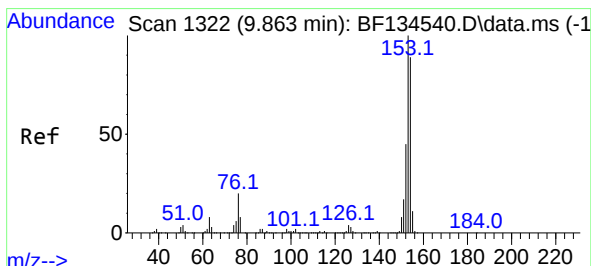
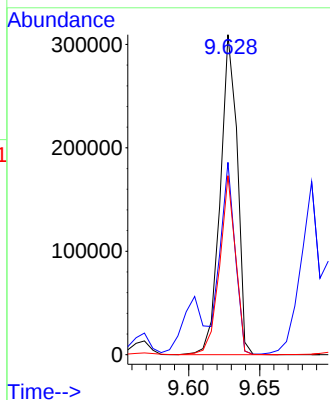
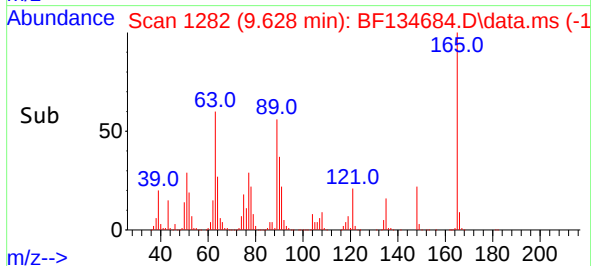


Tgt Ion:165 Resp: 256210  
Ion Ratio Lower Upper  
165 100  
63 60.1 57.8 86.6  
89 56.0 51.8 77.8

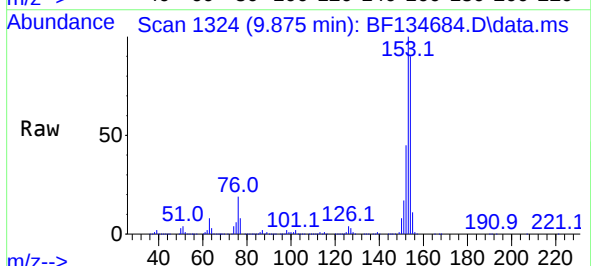
Manual Integrations

APPROVED

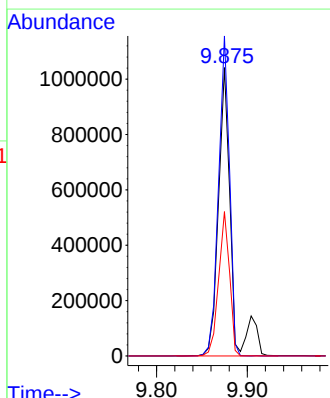
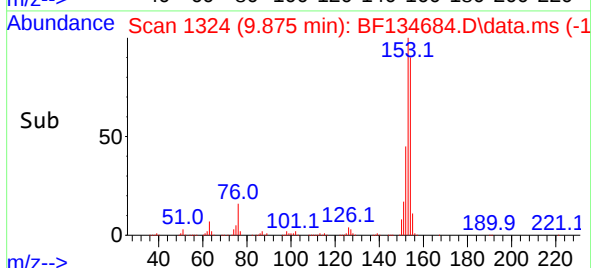
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

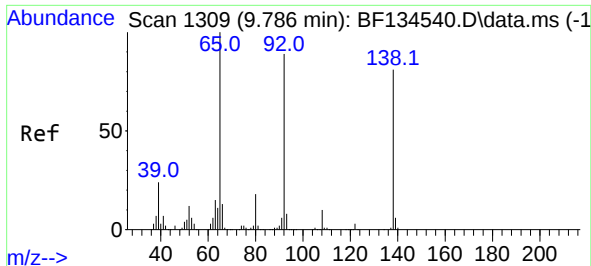


#52  
Acenaphthene  
Concen: 44.402 ng m  
RT: 9.875 min Scan# 1324  
Delta R.T. 0.000 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33



Tgt Ion:154 Resp: 1001380  
Ion Ratio Lower Upper  
154 100  
153 111.0 90.0 135.0  
152 50.0 42.4 63.6





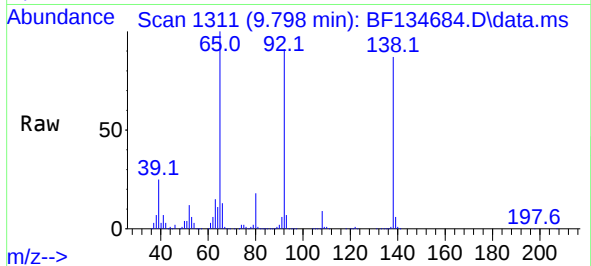
#53  
3-Nitroaniline  
Concen: 38.904 ng  
RT: 9.798 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

ETGI-368MS

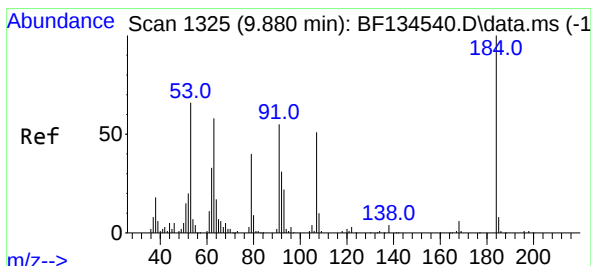
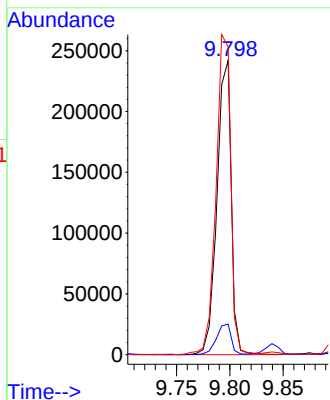
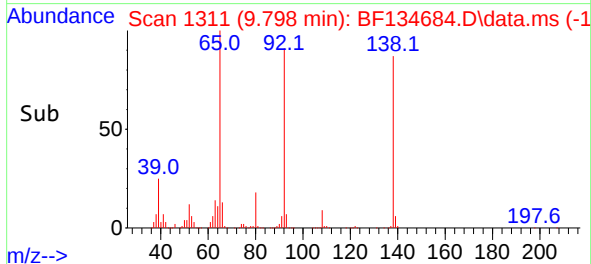


Tgt Ion:138 Resp: 22455  
Ion Ratio Lower Upper  
138 100  
108 10.4 9.3 13.9  
92 104.8 86.6 129.8

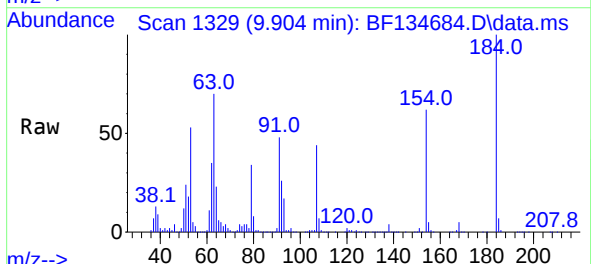
Manual Integrations

APPROVED

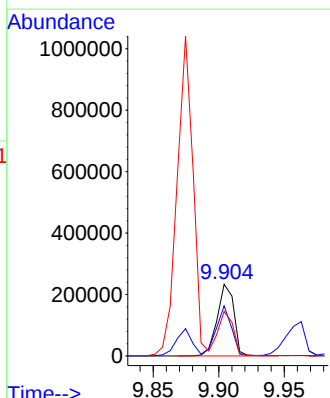
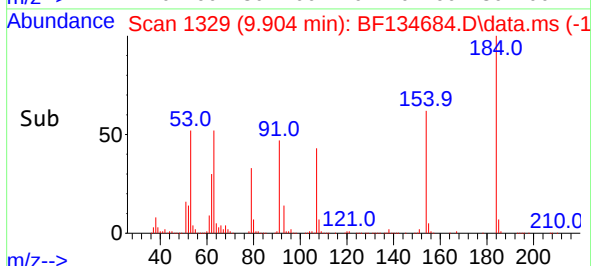
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

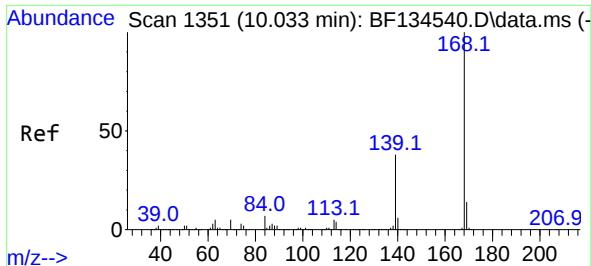


#54  
2,4-Dinitrophenol  
Concen: 92.329 ng  
RT: 9.904 min Scan# 1329  
Delta R.T. 0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33



Tgt Ion:184 Resp: 207474  
Ion Ratio Lower Upper  
184 100  
63 69.9 57.1 85.7  
154 61.9 59.1 88.7





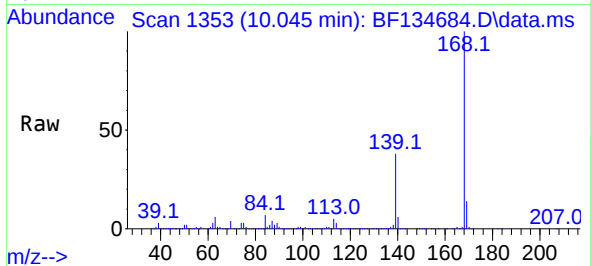
#55  
Dibenzenofuran  
Concen: 40.199 ng  
RT: 10.045 min Scan# 1351  
Delta R.T. 0.000 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

ETGI-368MS

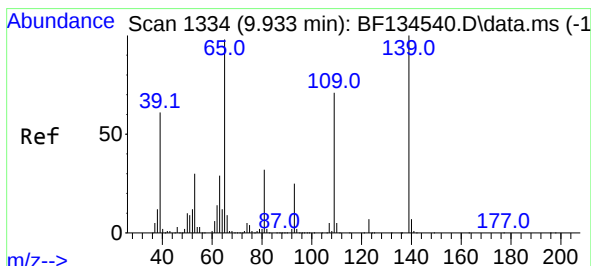
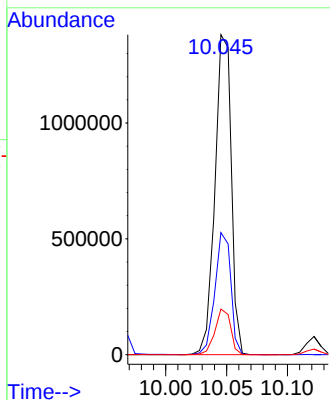
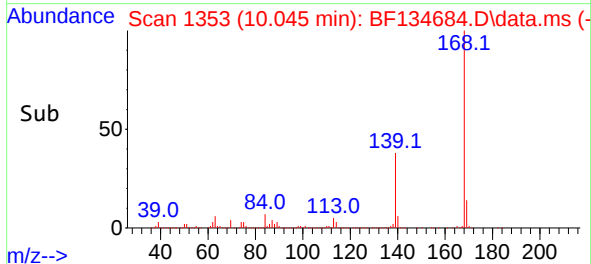


Tgt Ion:168 Resp: 1290580  
Ion Ratio Lower Upper  
168 100  
139 38.1 33.4 50.2  
169 14.2 10.6 15.8

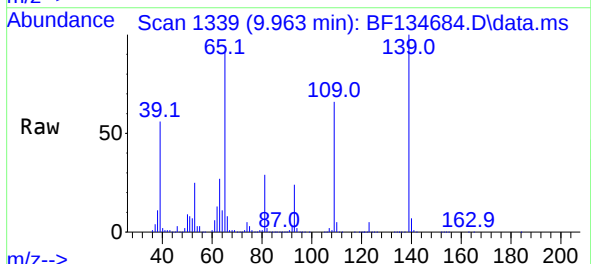
Manual Integrations

APPROVED

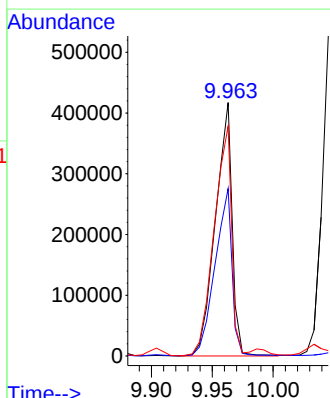
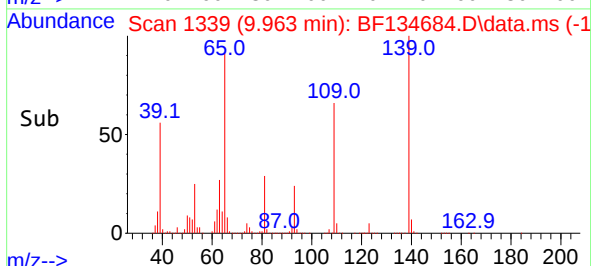
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

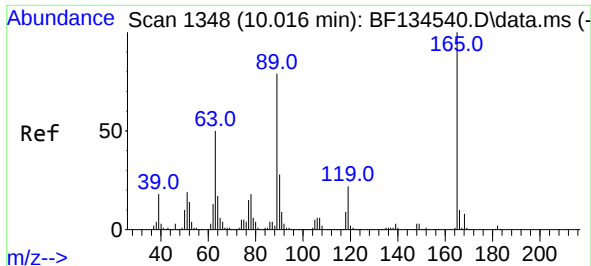


#56  
4-Nitrophenol  
Concen: 84.437 ng  
RT: 9.963 min Scan# 1339  
Delta R.T. 0.012 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33



Tgt Ion:139 Resp: 398622  
Ion Ratio Lower Upper  
139 100  
109 66.0 76.9 116.9#  
65 90.6 98.5 138.5#





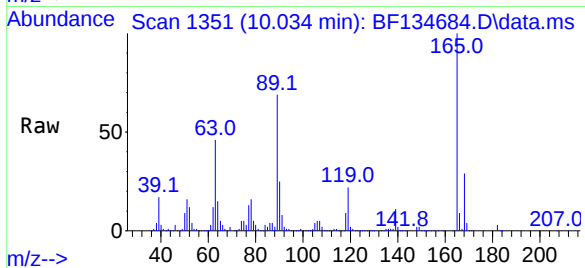
#57  
2,4-Dinitrotoluene  
Concen: 49.135 ng  
RT: 10.034 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

ETGI-368MS

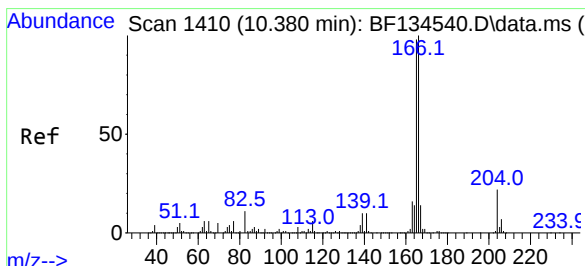
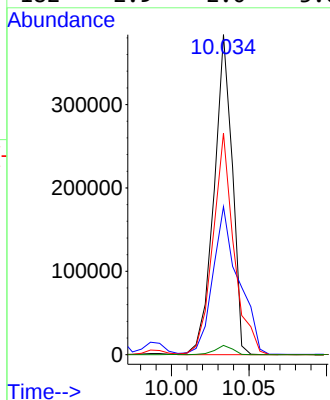
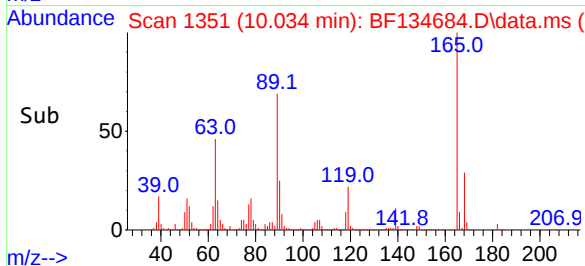


Tgt Ion:165 Resp: 315360  
Ion Ratio Lower Upper  
165 100  
63 46.2 48.9 73.3  
89 69.3 61.7 92.5  
182 2.9 2.0 3.0

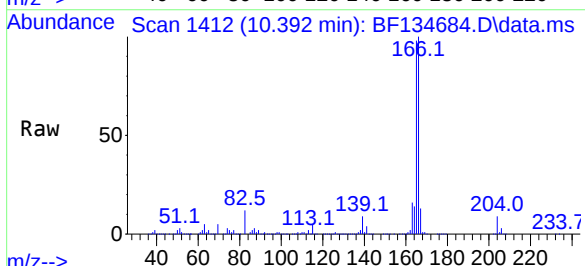
Manual Integrations

APPROVED

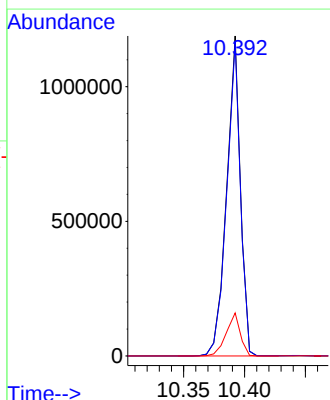
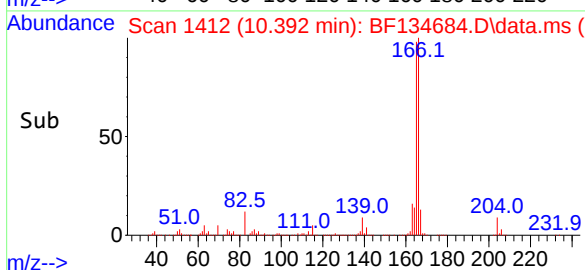
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

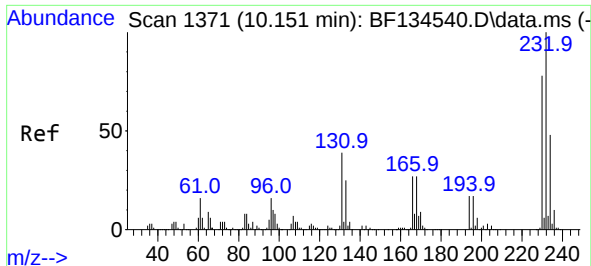


#58  
Fluorene  
Concen: 40.131 ng  
RT: 10.392 min Scan# 1412  
Delta R.T. 0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33



Tgt Ion:166 Resp: 938444  
Ion Ratio Lower Upper  
166 100  
165 98.1 74.5 111.7  
167 13.5 10.6 16.0





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.186 ng  
RT: 10.163 min Scan# 1373  
Delta R.T. 0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

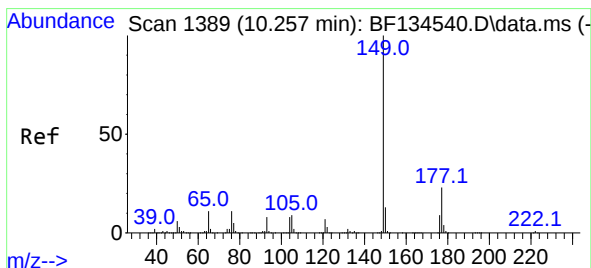
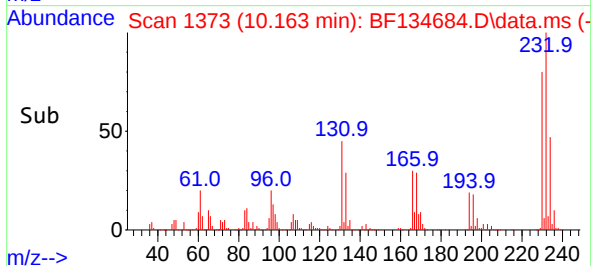
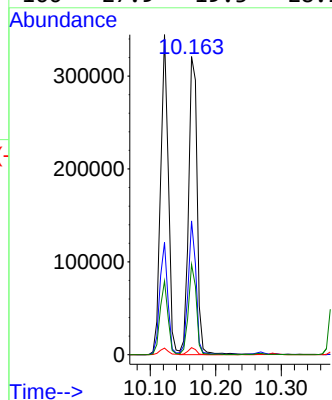
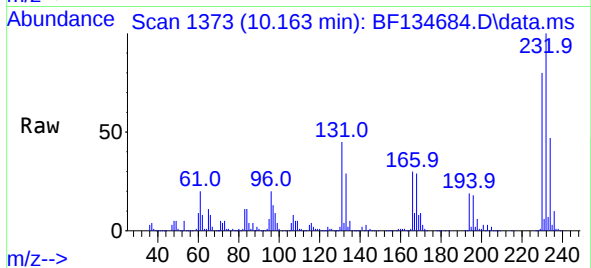
ETGI-368MS

Tgt Ion:232 Resp: 288904  
Ion Ratio Lower Upper  
232 100  
131 40.6 33.4 50.0  
130 2.2 1.8 2.6  
166 27.9 19.3 28.9

Manual Integrations

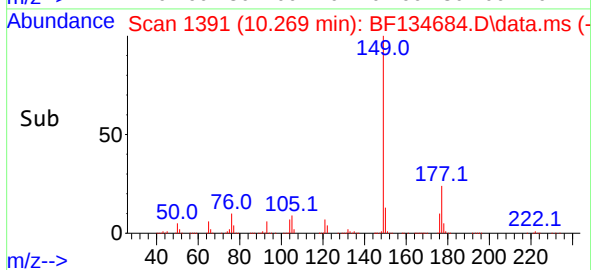
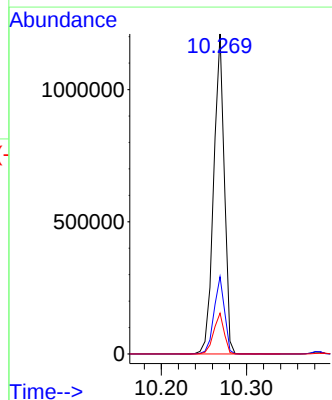
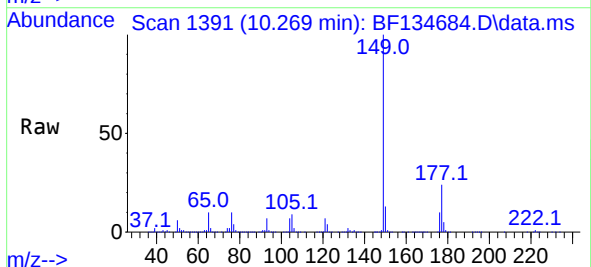
APPROVED

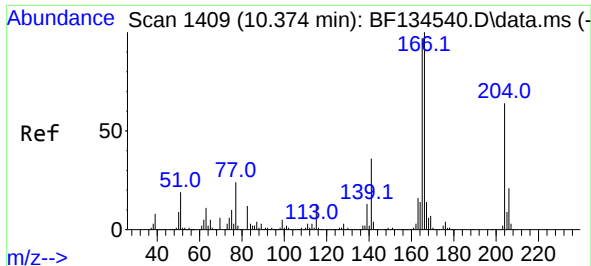
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023



#60  
Diethylphthalate  
Concen: 42.959 ng  
RT: 10.269 min Scan# 1391  
Delta R.T. 0.000 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Tgt Ion:149 Resp: 1054498  
Ion Ratio Lower Upper  
149 100  
177 24.2 17.0 25.4  
150 12.8 9.9 14.9





#61  
4-Chlorophenyl-phenylether  
Concen: 41.915 ng  
RT: 10.386 min Scan# 1411  
Delta R.T. 0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

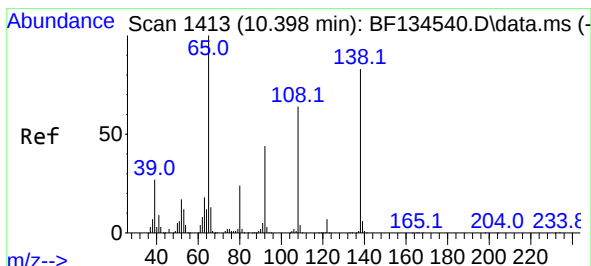
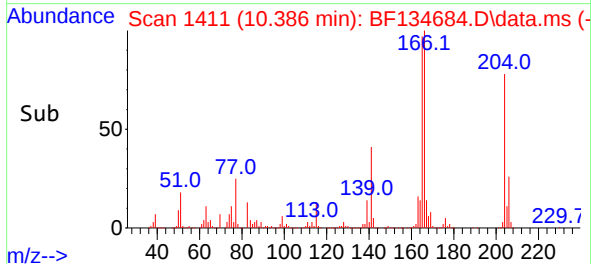
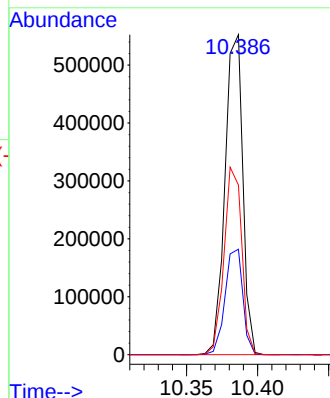
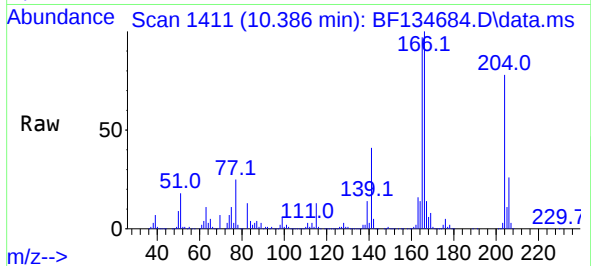
ETGI-368MS

Tgt Ion:204 Resp: 48178  
Ion Ratio Lower Upper  
204 100  
206 33.0 26.0 39.0  
141 53.0 52.2 78.4

Manual Integrations

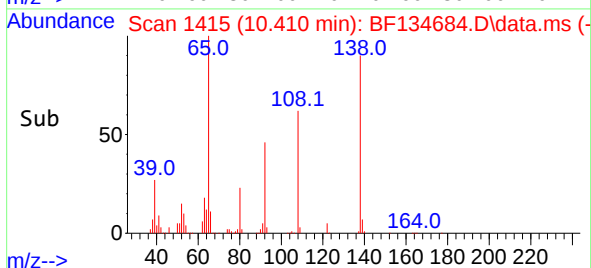
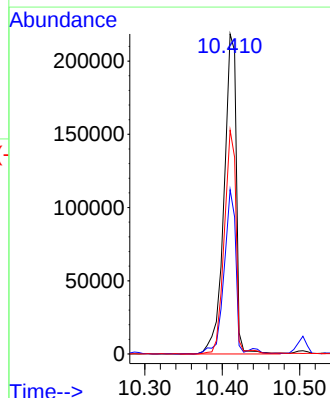
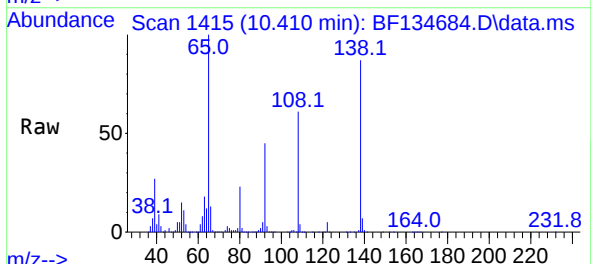
APPROVED

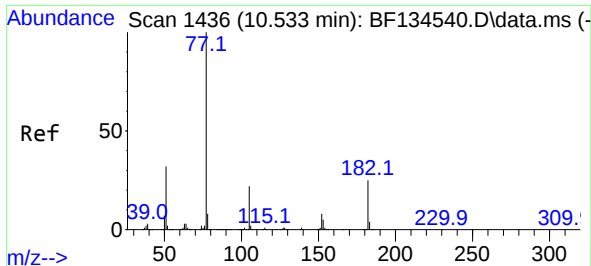
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023



#62  
4-Nitroaniline  
Concen: 42.745 ng  
RT: 10.410 min Scan# 1415  
Delta R.T. 0.000 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

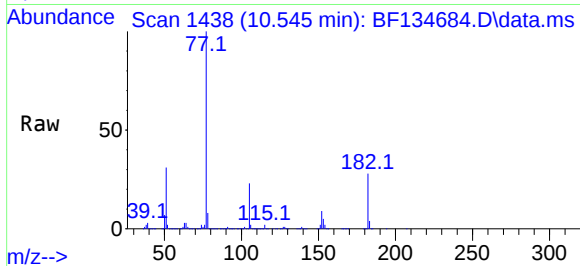
Tgt Ion:138 Resp: 241835  
Ion Ratio Lower Upper  
138 100  
92 51.4 27.0 67.0  
108 70.0 70.4 110.4#





#63  
Azobenzene  
Concen: 38.670 ng  
RT: 10.545 min Scan# 1436  
Delta R.T. 0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

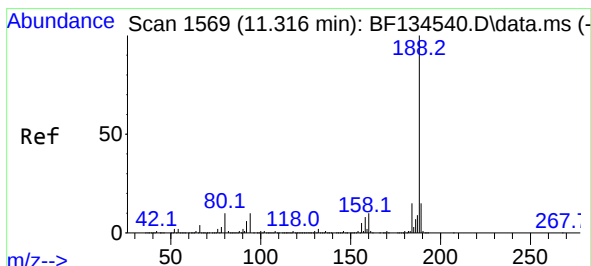
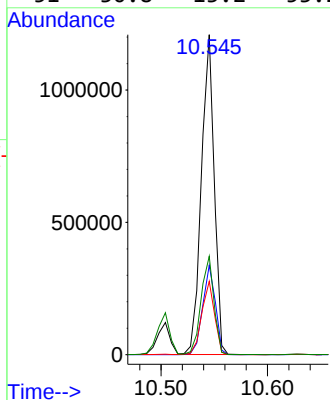
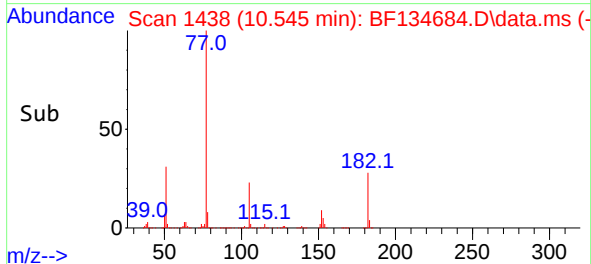
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-368MS



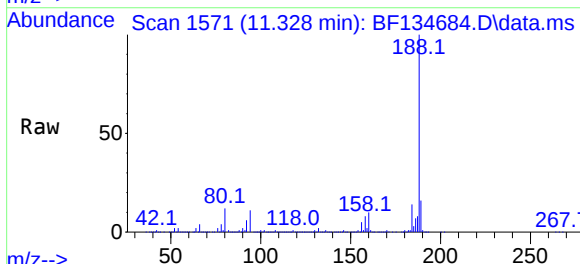
Tgt Ion: 77 Resp: 1019864  
Ion Ratio Lower Upper  
77 100  
182 28.0 7.5 47.5  
105 22.9 1.9 41.9  
51 30.8 13.2 53.2

Manual Integrations  
APPROVED

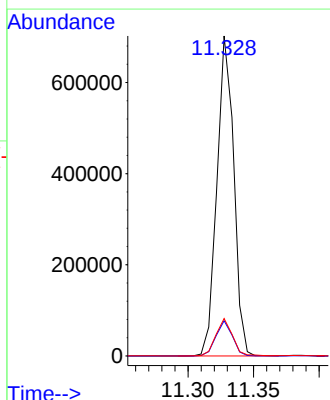
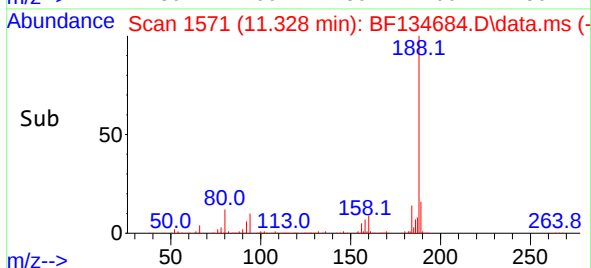
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

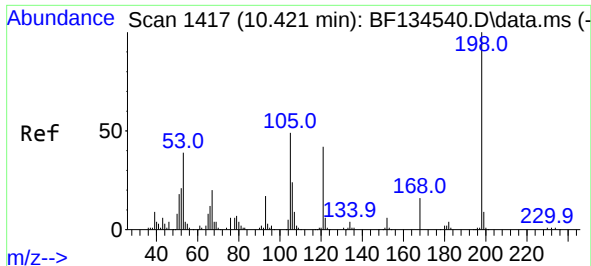


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.328 min Scan# 1571  
Delta R.T. 0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33



Tgt Ion:188 Resp: 625929  
Ion Ratio Lower Upper  
188 100  
94 11.0 5.1 7.7#  
80 11.7 6.6 9.8#





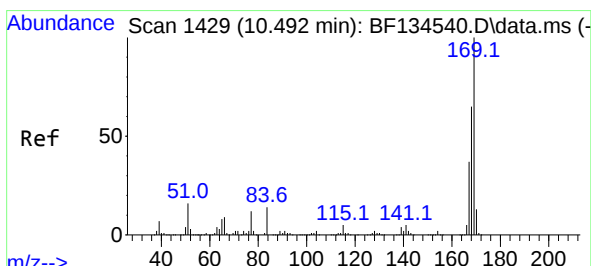
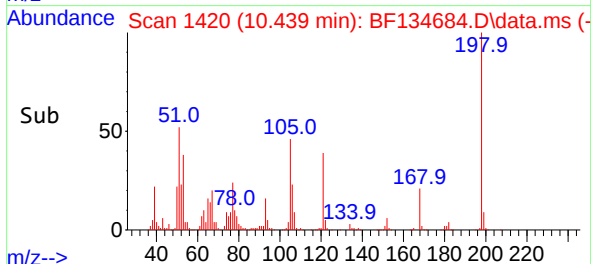
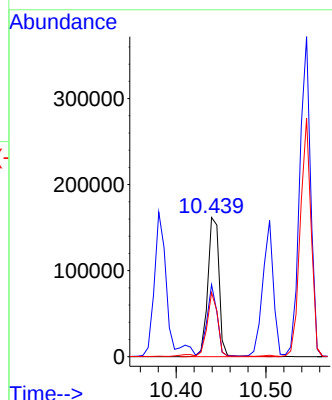
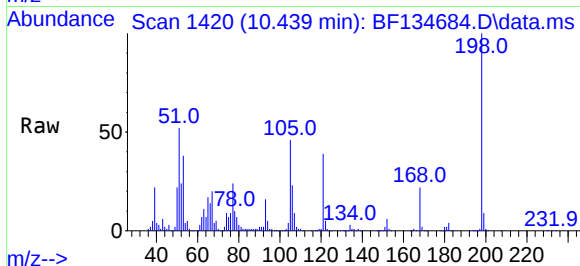
#65  
4,6-Dinitro-2-methylphenol  
Concen: 54.549 ng  
RT: 10.439 min Scan# 1416  
Delta R.T. 0.000 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-368MS

Tgt Ion:198 Resp: 141668  
Ion Ratio Lower Upper  
198 100  
51 51.8 38.6 78.6  
105 46.0 27.9 67.9

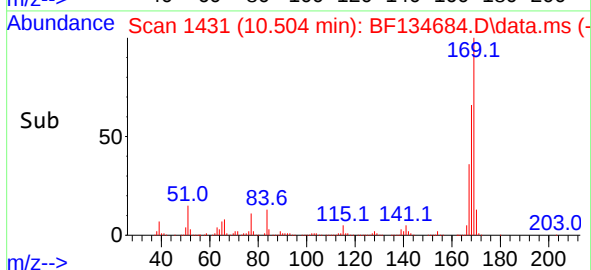
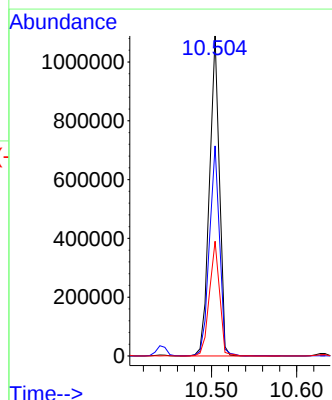
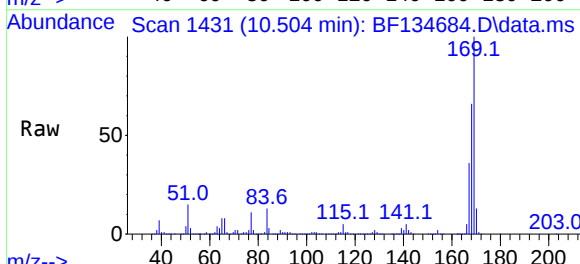
Manual Integrations  
APPROVED

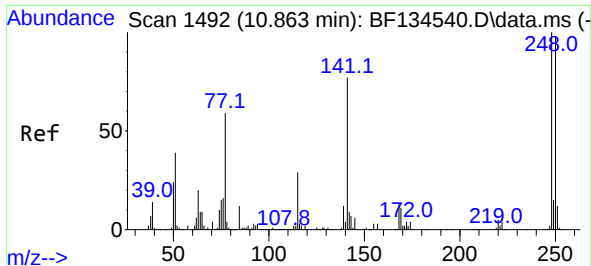
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023



#66  
n-Nitrosodiphenylamine  
Concen: 44.544 ng  
RT: 10.504 min Scan# 1431  
Delta R.T. 0.000 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

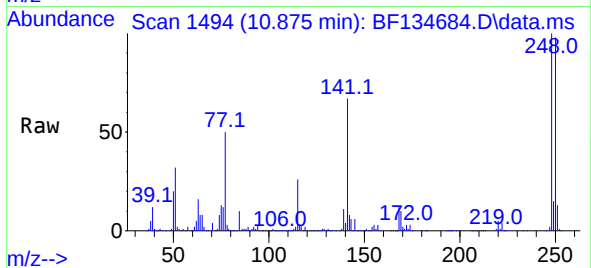
Tgt Ion:169 Resp: 887441  
Ion Ratio Lower Upper  
169 100  
168 65.6 52.6 78.8  
167 35.9 29.8 44.8





#67  
4-Bromophenyl-phenylether  
Concen: 47.067 ng  
RT: 10.875 min Scan# 1492  
Delta R.T. 0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

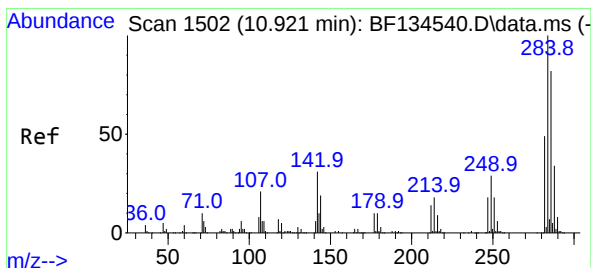
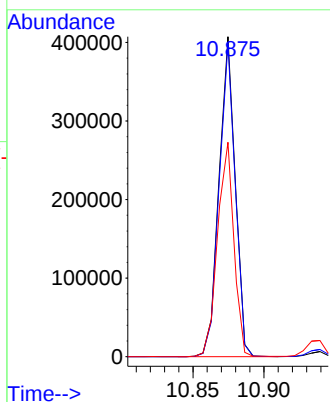
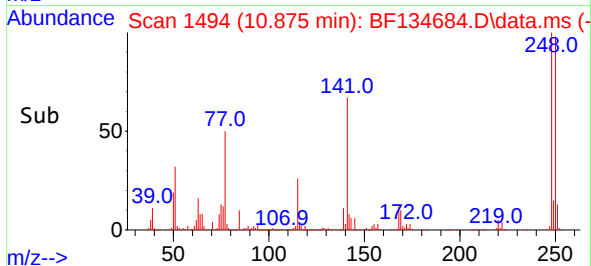
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-368MS



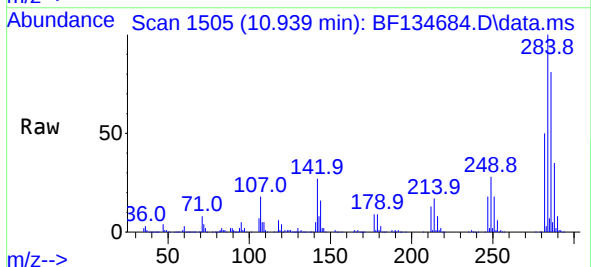
Tgt Ion:248 Resp: 322500  
Ion Ratio Lower Upper  
248 100  
250 97.8 79.6 119.4  
141 67.0 59.6 89.4

Manual Integrations  
APPROVED

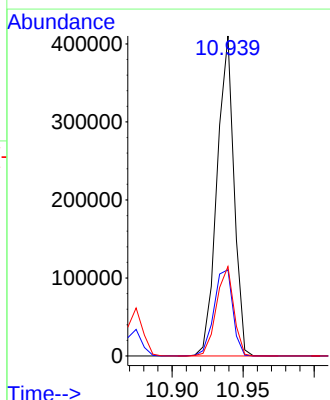
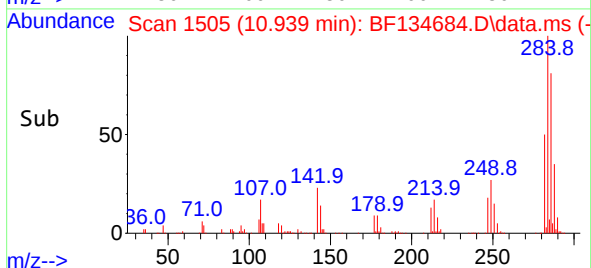
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

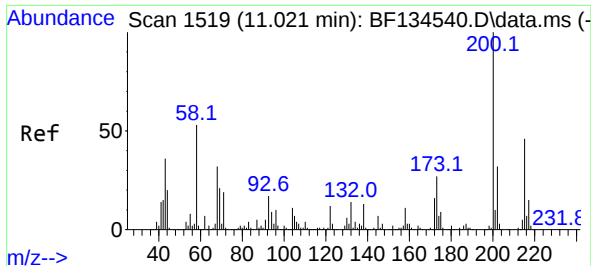


#68  
Hexachlorobenzene  
Concen: 47.085 ng  
RT: 10.939 min Scan# 1505  
Delta R.T. 0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33



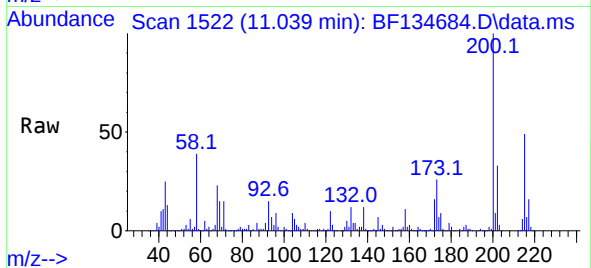
Tgt Ion:284 Resp: 340682  
Ion Ratio Lower Upper  
284 100  
142 27.0 26.5 39.7  
249 27.9 23.8 35.8





#69  
Atrazine  
Concen: 55.880 ng  
RT: 11.039 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

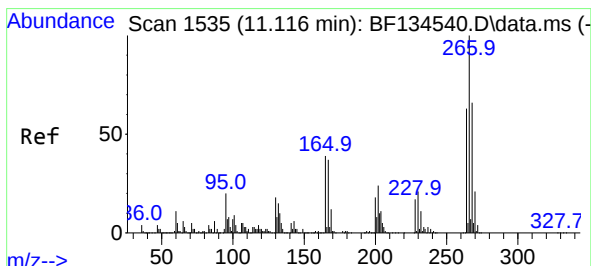
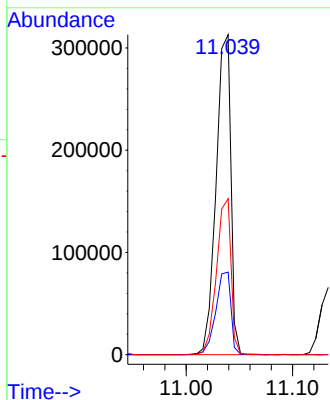
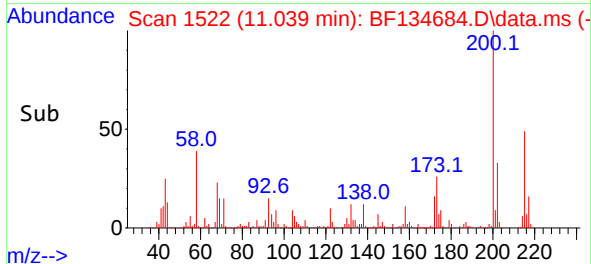
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-368MS



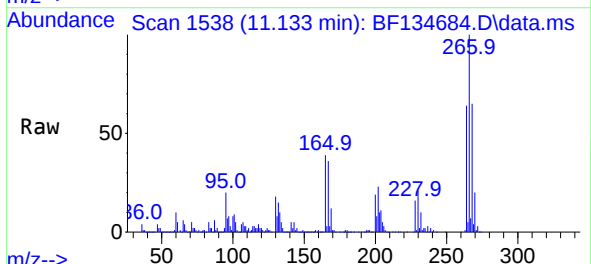
Tgt Ion:200 Resp: 300072  
Ion Ratio Lower Upper  
200 100  
173 25.8 6.1 46.1  
215 48.8 29.7 69.7

Manual Integrations  
APPROVED

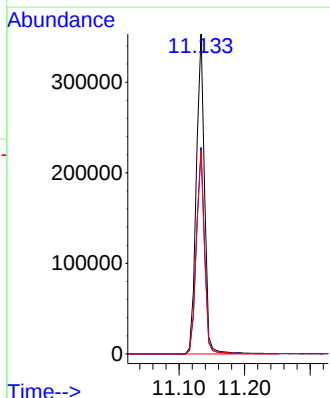
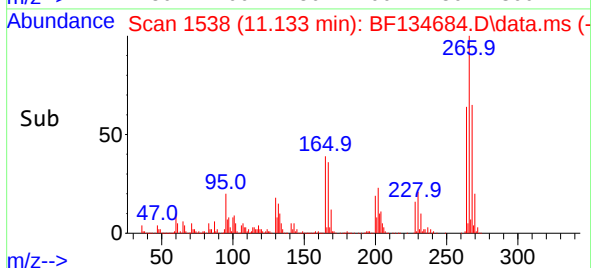
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

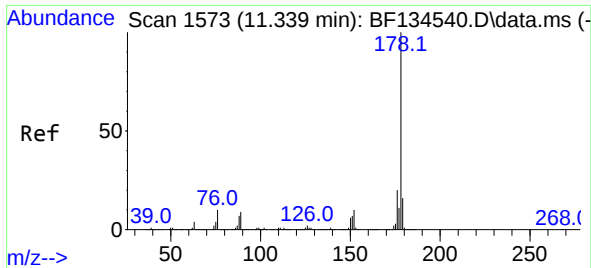


#70  
Pentachlorophenol  
Concen: 69.230 ng  
RT: 11.133 min Scan# 1538  
Delta R.T. 0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33



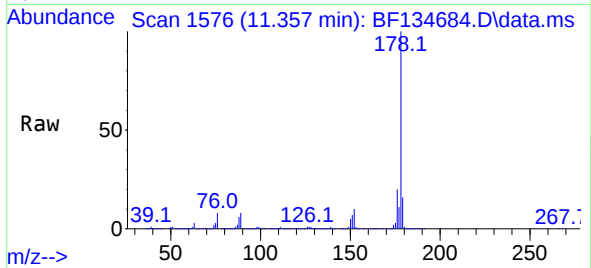
Tgt Ion:266 Resp: 310148  
Ion Ratio Lower Upper  
266 100  
268 64.5 52.9 79.3  
264 63.6 47.8 71.6





#71  
Phenanthrene  
Concen: 42.109 ng  
RT: 11.357 min Scan# 11357  
Delta R.T. 0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

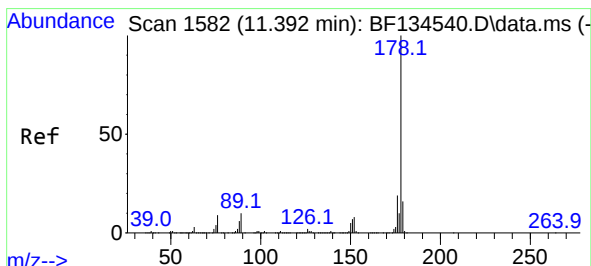
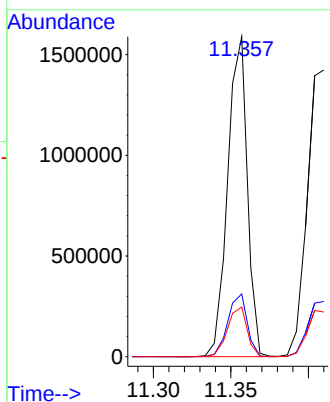
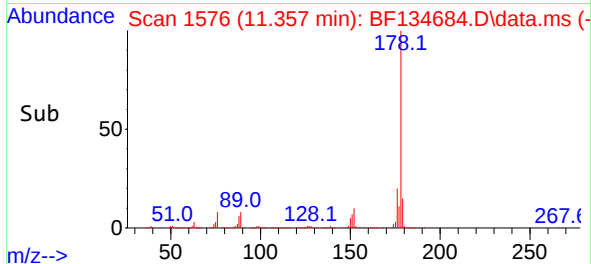
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-368MS



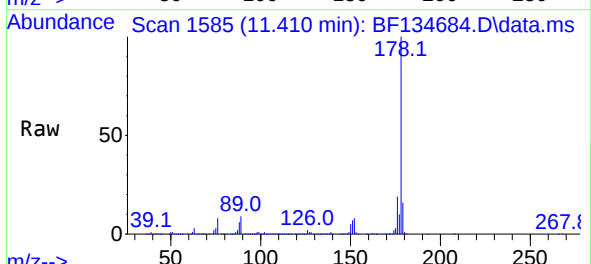
Tgt Ion:178 Resp: 1399998  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.8 23.6  
179 15.5 12.7 19.1

Manual Integrations  
APPROVED

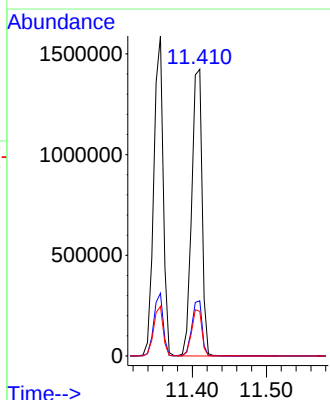
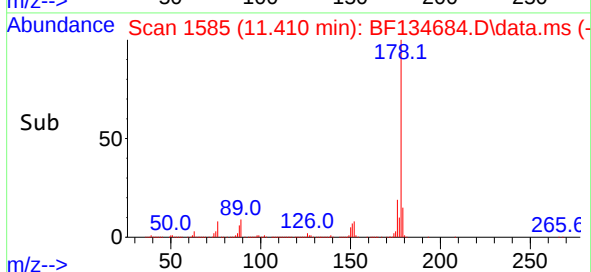
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

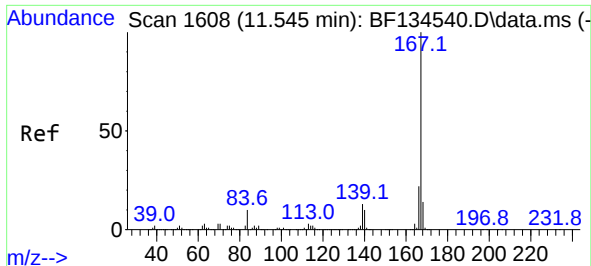


#72  
Anthracene  
Concen: 40.608 ng  
RT: 11.410 min Scan# 1585  
Delta R.T. 0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33



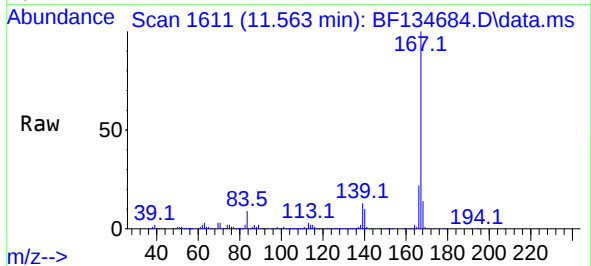
Tgt Ion:178 Resp: 1379056  
Ion Ratio Lower Upper  
178 100  
176 19.3 14.6 21.8  
179 15.6 12.3 18.5





#73  
 Carbazole  
 Concen: 39.566 ng  
 RT: 11.563 min Scan# 1611  
 Delta R.T. 0.006 min  
 Lab File: BF134684.D  
 Acq: 09 Aug 2023 11:33

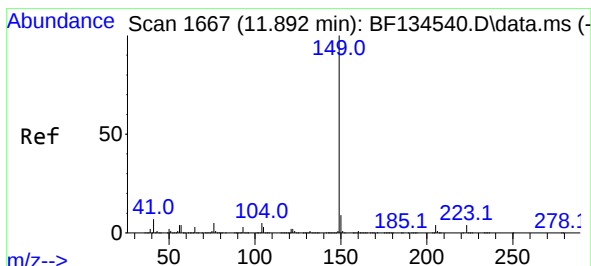
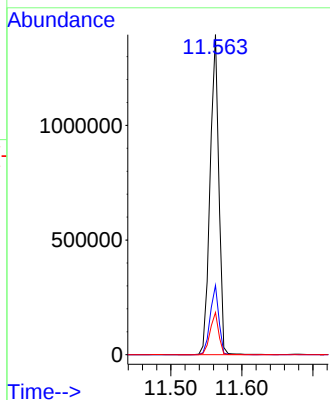
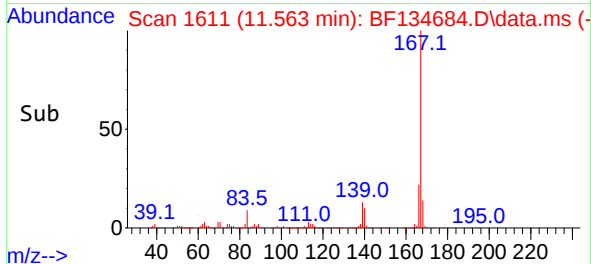
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ETGI-368MS



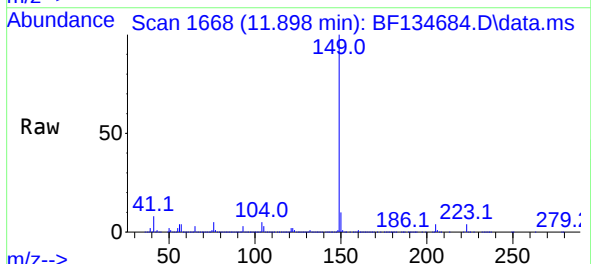
Tgt Ion:167 Resp: 119970  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 17.5 26.3  
 139 13.2 11.0 16.4

Manual Integrations  
 APPROVED

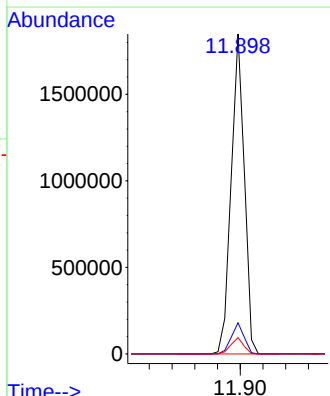
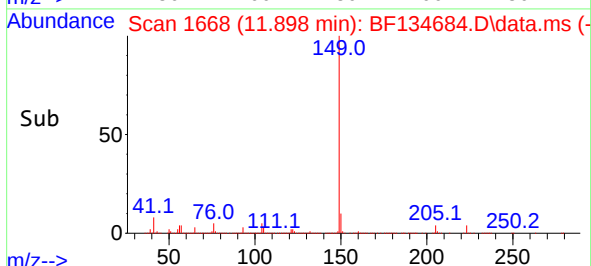
Reviewed By :Yogesh Patel 08/10/2023  
 Supervised By :mohammad ahmed 08/10/2023

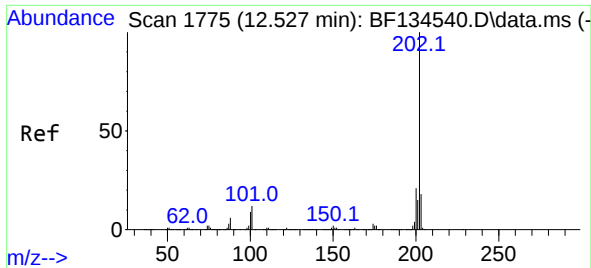


#74  
 Di-n-butylphthalate  
 Concen: 45.877 ng  
 RT: 11.898 min Scan# 1668  
 Delta R.T. 0.000 min  
 Lab File: BF134684.D  
 Acq: 09 Aug 2023 11:33



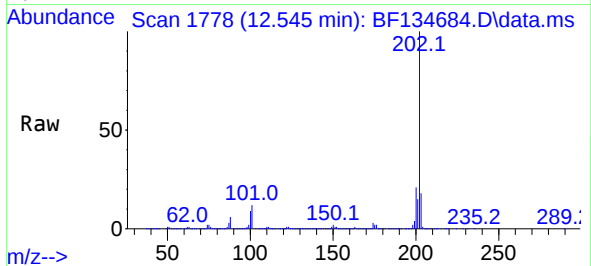
Tgt Ion:149 Resp: 1477879  
 Ion Ratio Lower Upper  
 149 100  
 150 9.7 7.2 10.8  
 104 5.1 3.8 5.8





#75  
Fluoranthene  
Concen: 36.703 ng  
RT: 12.545 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

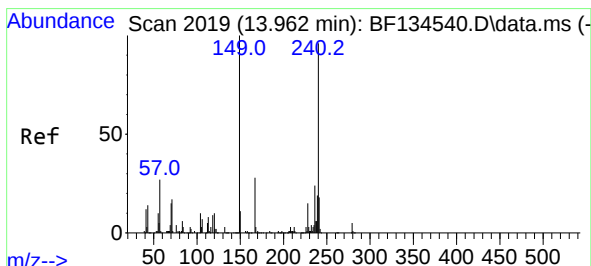
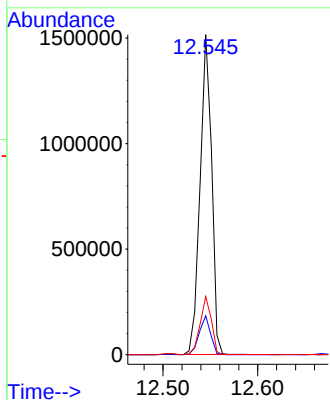
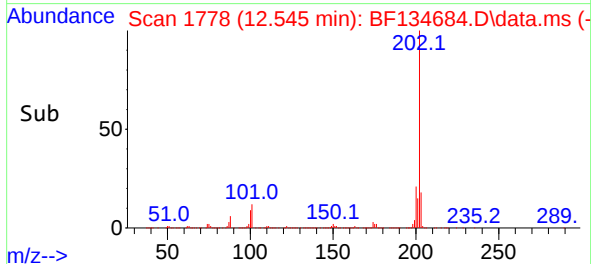
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-368MS



Tgt Ion:202 Resp: 128896  
Ion Ratio Lower Upper  
202 100  
101 12.1 0.0 28.5  
203 18.2 0.0 37.5

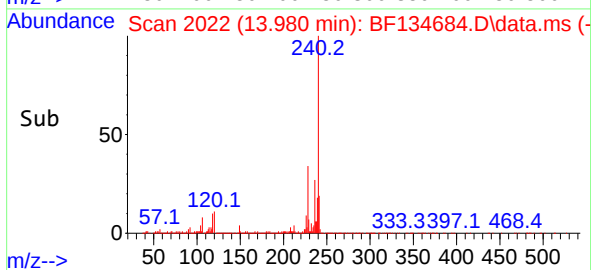
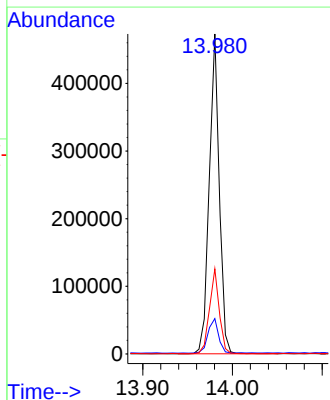
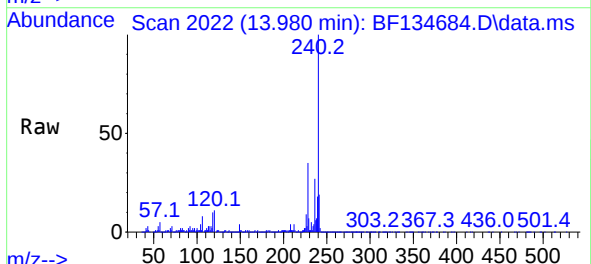
Manual Integrations  
APPROVED

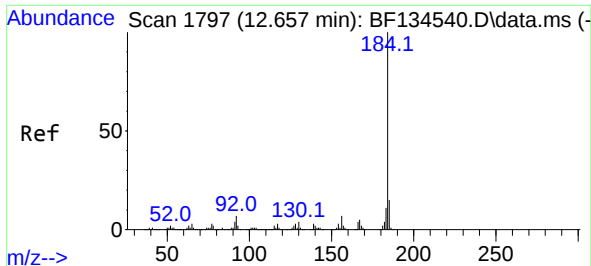
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.980 min Scan# 2022  
Delta R.T. 0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Tgt Ion:240 Resp: 367568  
Ion Ratio Lower Upper  
240 100  
120 11.0 6.6 10.0#  
236 26.6 20.2 30.2





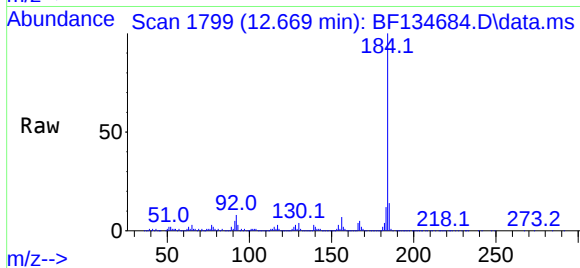
#77  
Benzidine  
Concen: 64.283 ng  
RT: 12.669 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

ETGI-368MS

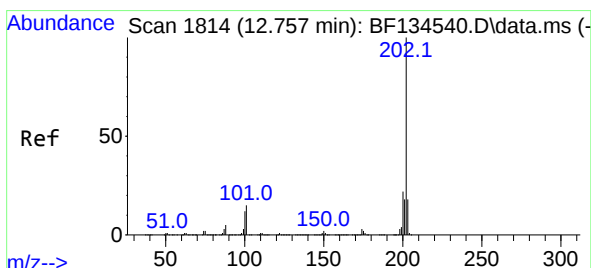
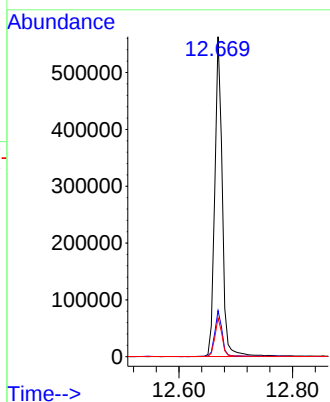
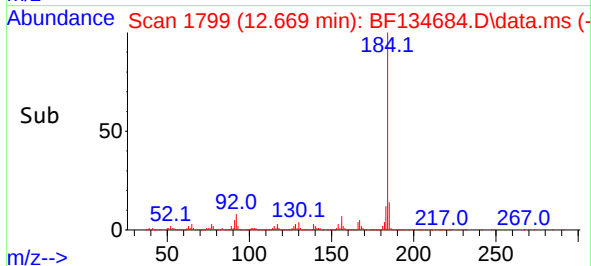


Tgt Ion:184 Resp: 51292  
Ion Ratio Lower Upper  
184 100  
185 14.4 11.2 16.8  
183 12.1 8.6 13.0

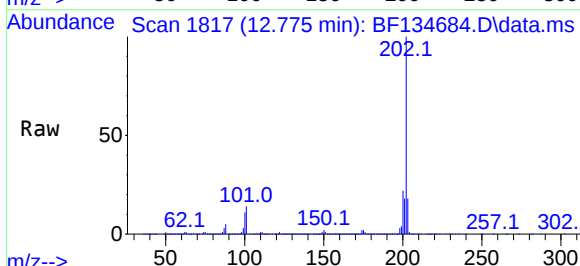
Manual Integrations

APPROVED

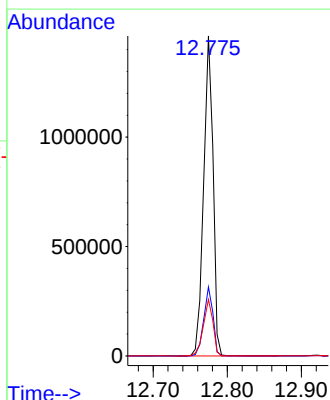
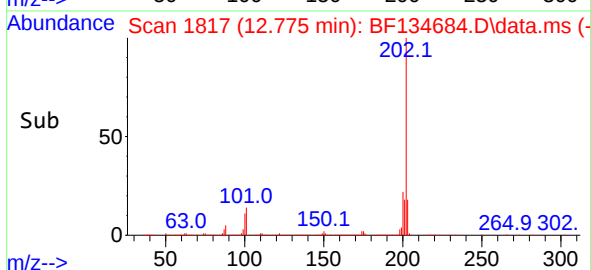
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

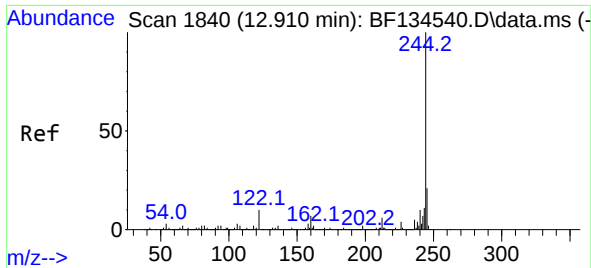


#78  
Pyrene  
Concen: 40.796 ng  
RT: 12.775 min Scan# 1817  
Delta R.T. 0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33



Tgt Ion:202 Resp: 1297560  
Ion Ratio Lower Upper  
202 100  
200 21.6 15.8 23.8  
203 17.6 13.5 20.3





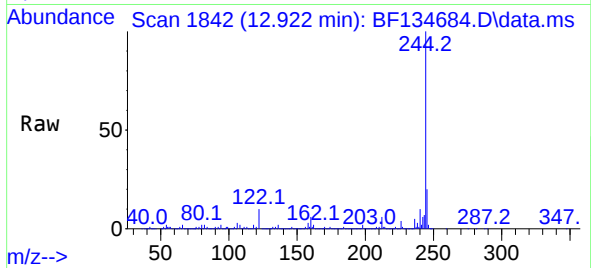
#79  
Terphenyl-d14  
Concen: 49.898 ng  
RT: 12.922 min Scan# 1842  
Delta R.T. 0.000 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

ETGI-368MS

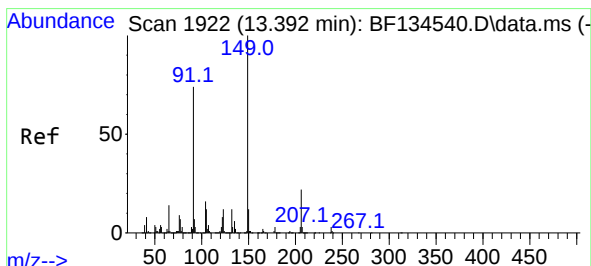
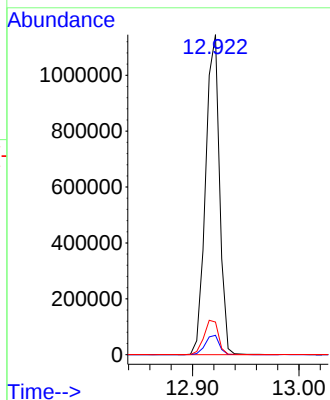
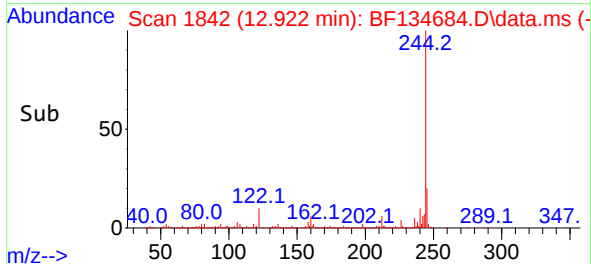


Tgt Ion:244 Resp: 104041  
Ion Ratio Lower Upper  
244 100  
212 6.1 5.6 8.4  
122 10.2 8.0 12.0

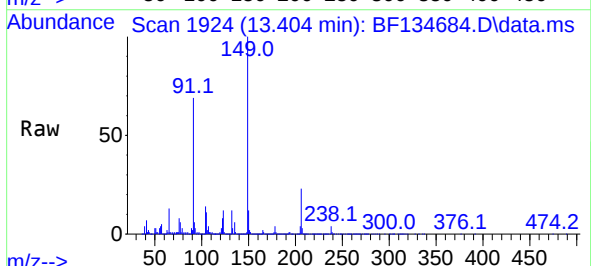
Manual Integrations

APPROVED

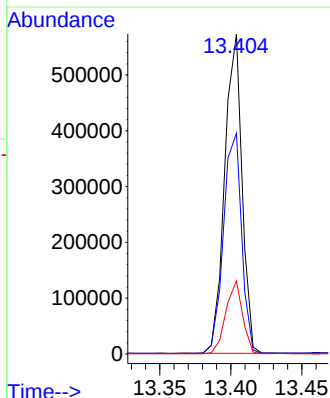
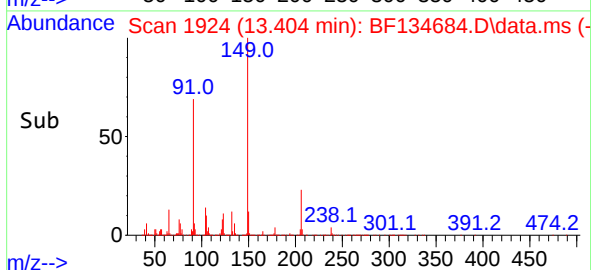
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

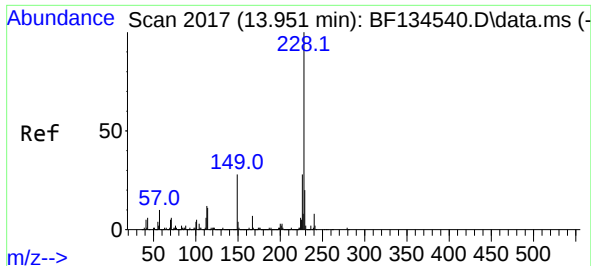


#80  
Butylbenzylphthalate  
Concen: 45.155 ng  
RT: 13.404 min Scan# 1924  
Delta R.T. 0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33



Tgt Ion:149 Resp: 485643  
Ion Ratio Lower Upper  
149 100  
91 69.0 55.8 83.6  
206 22.9 14.6 21.8#





#81  
Benzo(a)anthracene  
Concen: 39.429 ng  
RT: 13.969 min Scan# 2014  
Delta R.T. 0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

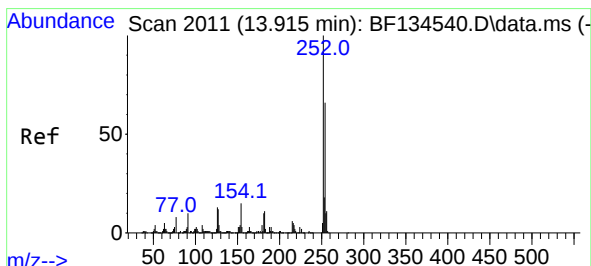
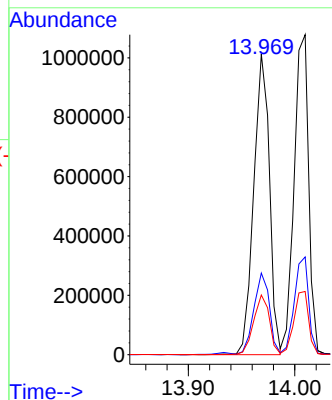
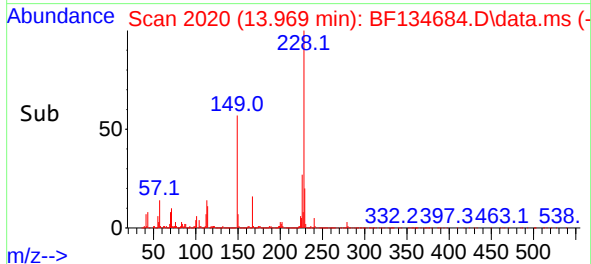
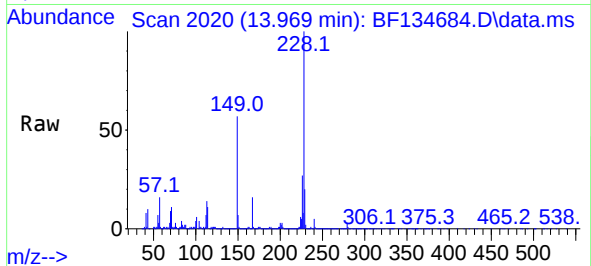
ETGI-368MS

Tgt Ion:228 Resp: 103630  
Ion Ratio Lower Upper  
228 100  
226 27.2 22.3 33.5  
229 19.9 15.8 23.6

Manual Integrations

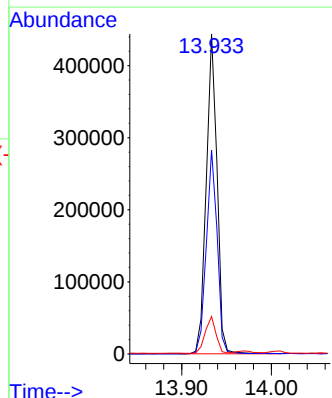
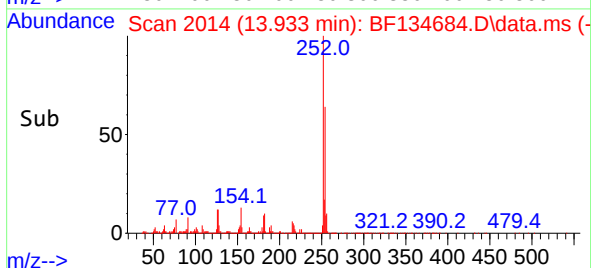
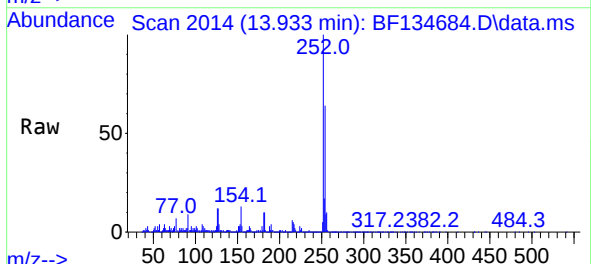
APPROVED

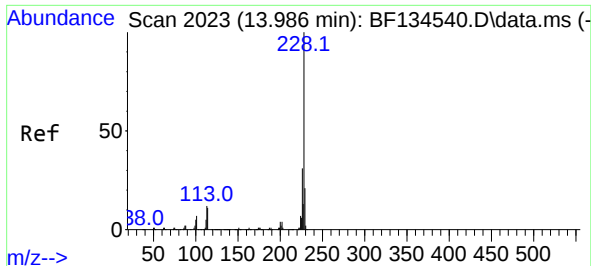
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023



#82  
3,3'-Dichlorobenzidine  
Concen: 48.762 ng  
RT: 13.933 min Scan# 2014  
Delta R.T. 0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

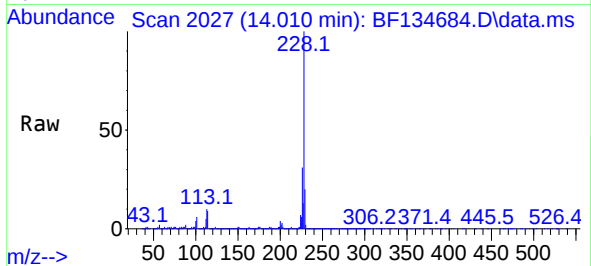
Tgt Ion:252 Resp: 371488  
Ion Ratio Lower Upper  
252 100  
254 63.8 52.7 79.1  
126 11.7 7.2 10.8#





#83  
Chrysene  
Concen: 40.031 ng  
RT: 14.010 min Scan# 2020  
Delta R.T. 0.012 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

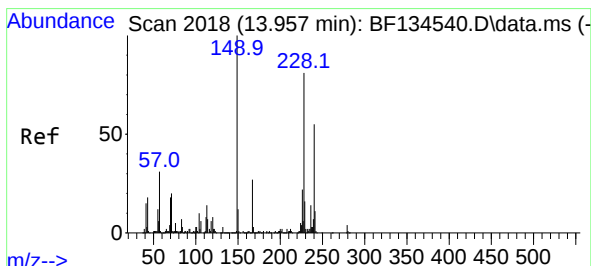
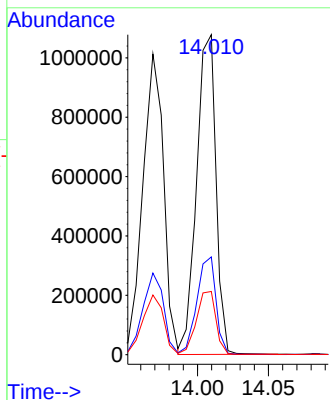
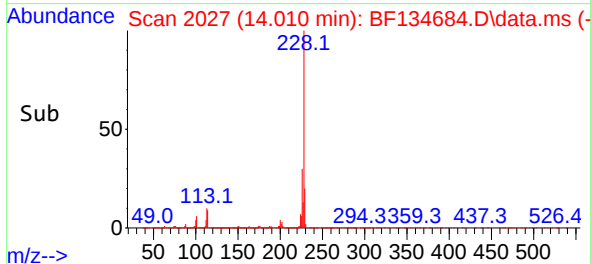
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-368MS



Tgt Ion: 228 Resp: 1025062  
Ion Ratio Lower Upper  
228 100  
226 30.5 24.5 36.7  
229 19.8 15.8 23.8

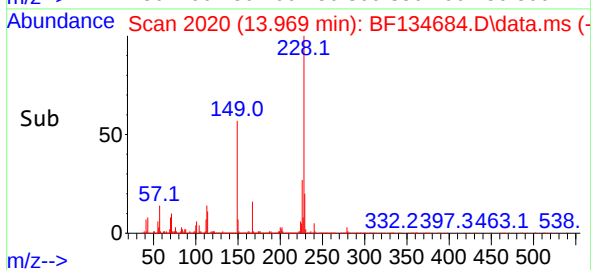
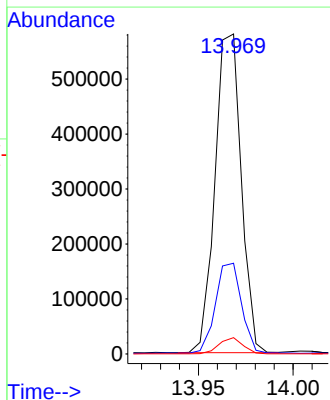
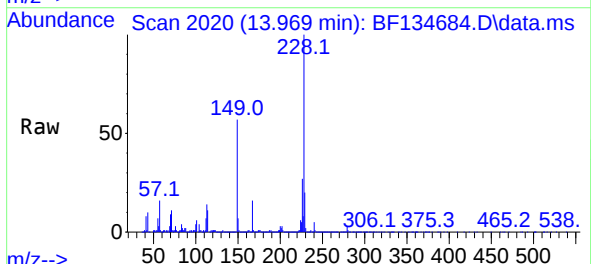
Manual Integrations  
APPROVED

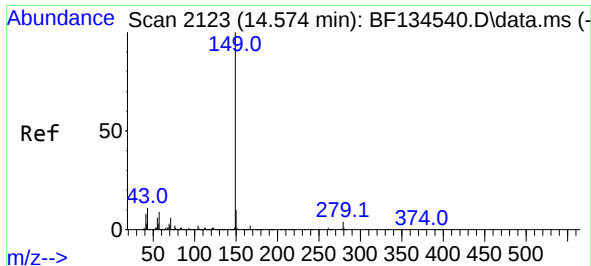
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 44.098 ng  
RT: 13.969 min Scan# 2020  
Delta R.T. 0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Tgt Ion: 149 Resp: 558134  
Ion Ratio Lower Upper  
149 100  
167 28.4 21.6 32.4  
279 5.1 3.5 5.3





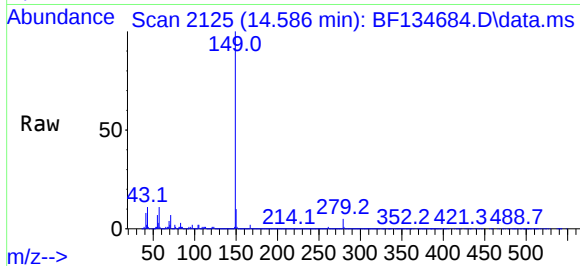
#85  
Di-n-octyl phthalate  
Concen: 60.824 ng  
RT: 14.586 min Scan# 2123  
Delta R.T. 0.006 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

ETGI-368MS

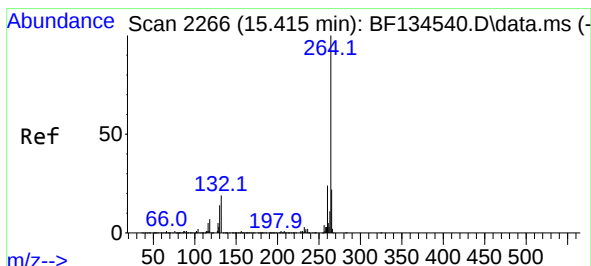
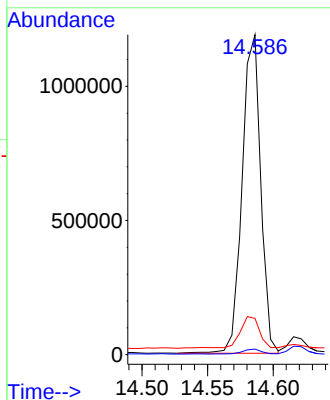
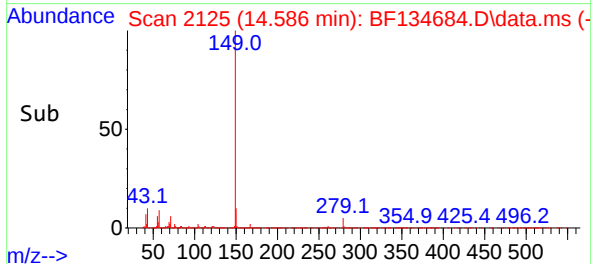


Tgt Ion:149 Resp: 1170680  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 10.7 8.1 12.1

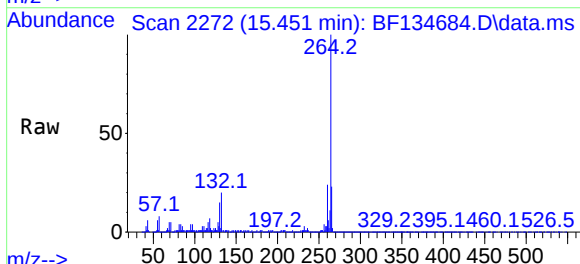
Manual Integrations

APPROVED

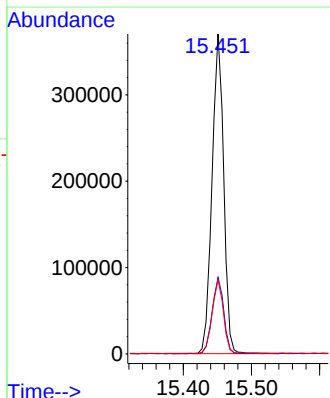
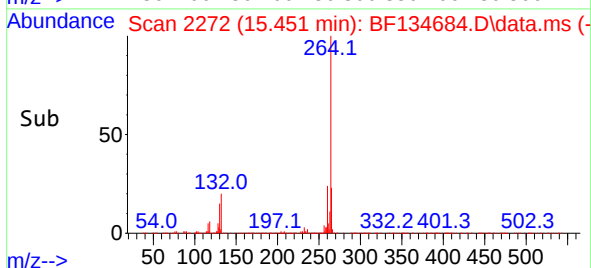
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

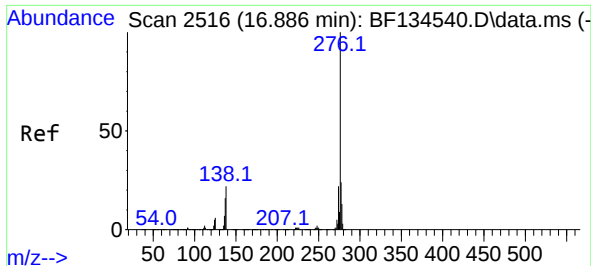


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.451 min Scan# 2272  
Delta R.T. 0.012 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33



Tgt Ion:264 Resp: 439238  
Ion Ratio Lower Upper  
264 100  
260 23.9 18.4 27.6  
265 23.2 15.8 23.8





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 41.435 ng  
RT: 16.951 min Scan# 2199  
Delta R.T. 0.024 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Instrument :

BNA\_F

ClientSampleId :

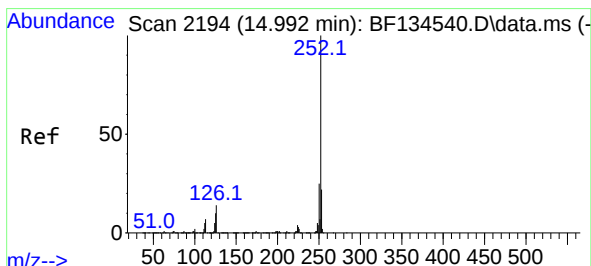
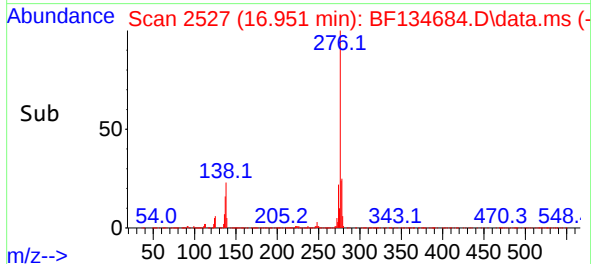
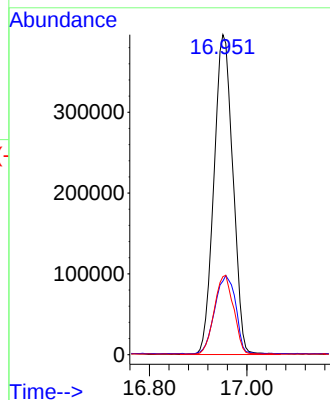
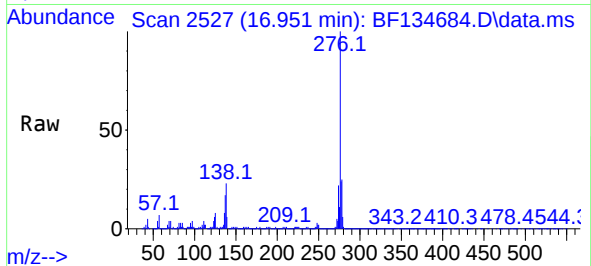
ETGI-368MS

Tgt Ion:276 Resp: 107037  
Ion Ratio Lower Upper  
276 100  
138 26.8 14.2 21.4  
277 25.1 19.9 29.9

Manual Integrations

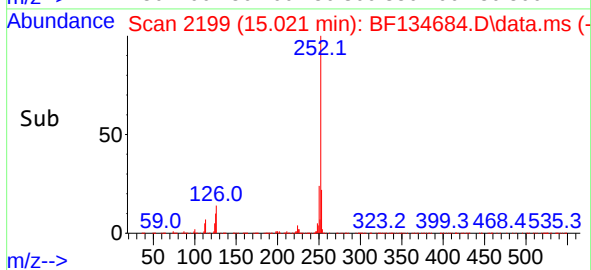
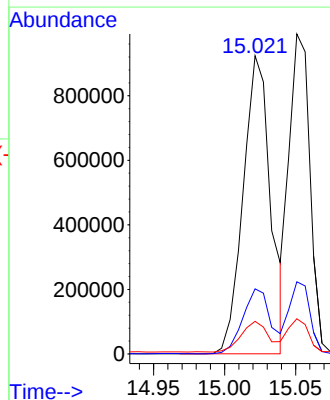
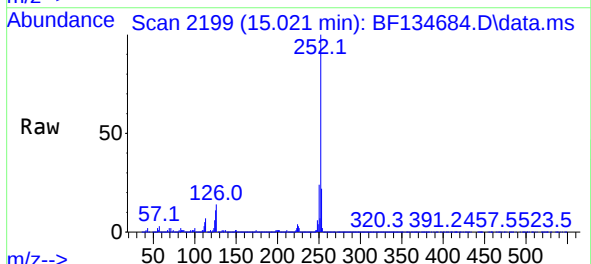
APPROVED

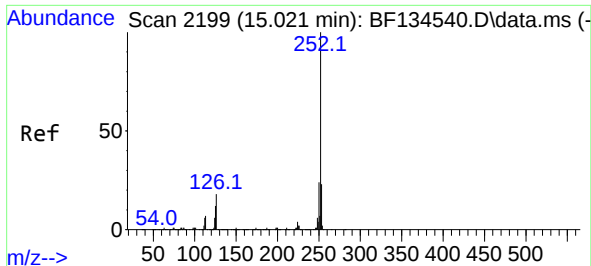
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023



#88  
Benzo(b)fluoranthene  
Concen: 46.419 ng  
RT: 15.021 min Scan# 2199  
Delta R.T. 0.012 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Tgt Ion:252 Resp: 1243501  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.3 25.9  
125 10.9 6.0 9.0#





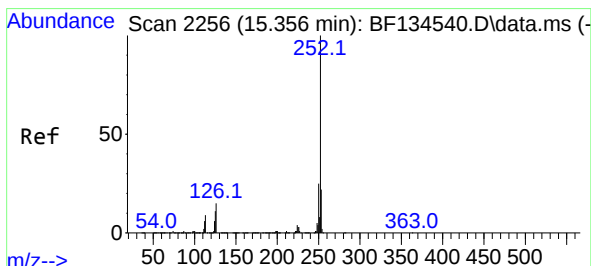
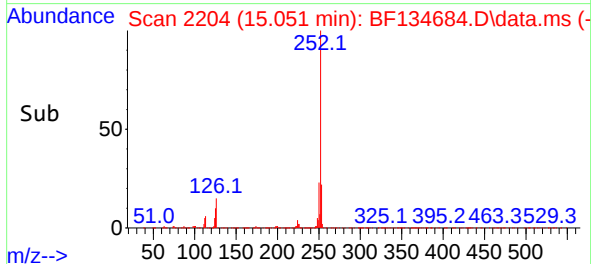
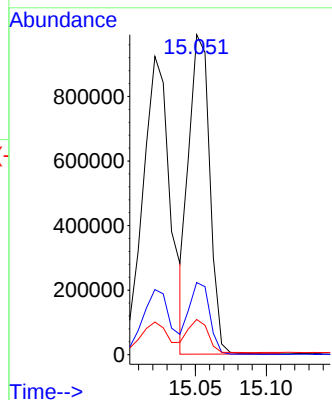
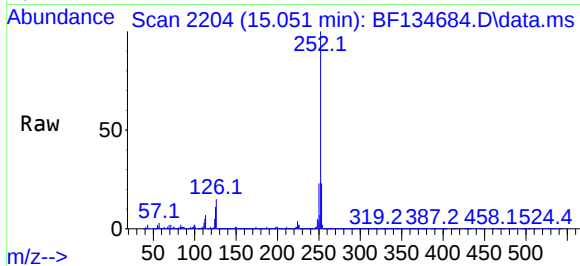
#89  
Benzo(k)fluoranthene  
Concen: 37.965 ng  
RT: 15.051 min Scan# 2199  
Delta R.T. 0.012 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-368MS

Tgt Ion:252 Resp: 101312  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.9 26.9  
125 11.0 6.3 9.5

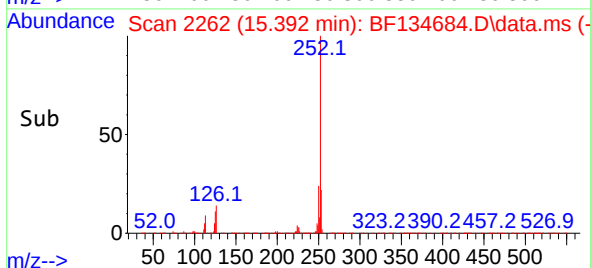
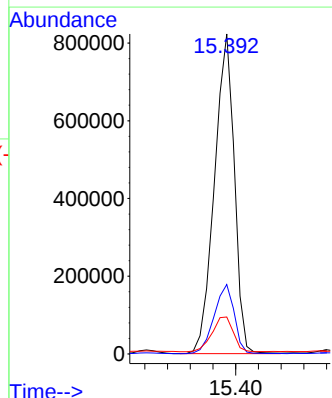
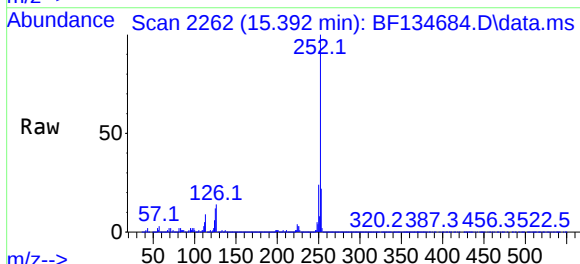
Manual Integrations  
APPROVED

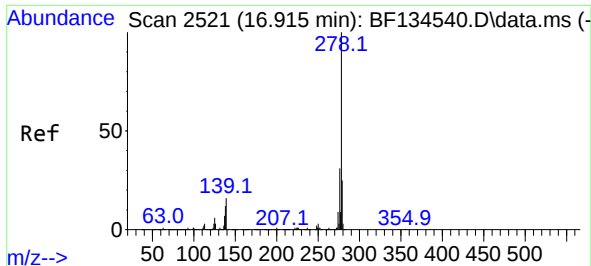
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023



#90  
Benzo(a)pyrene  
Concen: 40.136 ng  
RT: 15.392 min Scan# 2262  
Delta R.T. 0.012 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Tgt Ion:252 Resp: 1002484  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.0 25.4  
125 11.6 6.2 9.4





#91  
Dibenzo(a,h)anthracene  
Concen: 42.719 ng  
RT: 16.974 min Scan# 21  
Delta R.T. 0.024 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Instrument :

BNA\_F

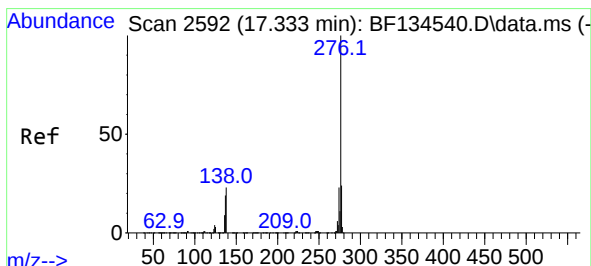
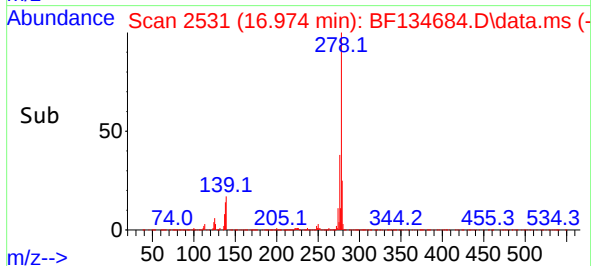
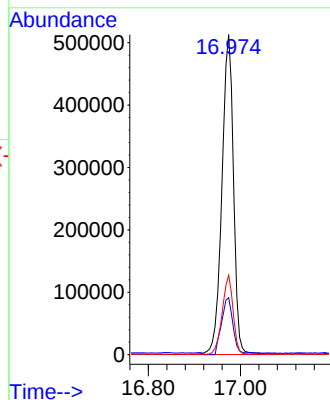
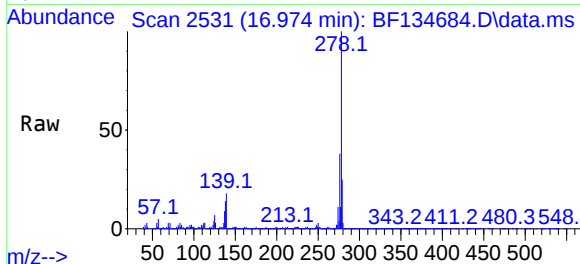
ClientSampleId :

ETGI-368MS

Tgt Ion:278 Resp: 89183  
Ion Ratio Lower Upper  
278 100  
139 17.8 10.0 15.0  
279 24.8 19.7 29.5

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023



#92  
Benzo(g,h,i)perylene  
Concen: 38.219 ng  
RT: 17.404 min Scan# 2604  
Delta R.T. 0.030 min  
Lab File: BF134684.D  
Acq: 09 Aug 2023 11:33

Tgt Ion:276 Resp: 813894  
Ion Ratio Lower Upper  
276 100  
277 23.5 19.0 28.6  
138 23.0 12.2 18.2#

