

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080923\  
 Data File : BF134685.D  
 Acq On : 09 Aug 2023 12:05  
 Operator : CG\JU  
 Sample : 03908-01MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ETGI-368MSD

Quant Time: Aug 10 01:38:25 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF080123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 04 09:29:15 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

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

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.804  | 152  | 187930   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.080  | 136  | 749958   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.839  | 164  | 372488   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.327 | 188  | 607083   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 13.980 | 240  | 361777   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 15.451 | 264  | 441695   | 20.000 | ng    | 0.01     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.439  | 112  | 803006   | 64.952 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.439  | 99   | 1038732  | 65.727 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.363  | 82   | 619893   | 51.655 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.633 | 330  | 254602   | 67.051 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.163  | 172  | 1140980  | 50.931 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.921 | 244  | 1016194  | 49.517 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.628  | 88   | 212452   | 37.350 | ng    | # 95     |
| 3) Pyridine                   | 3.381  | 79   | 539286   | 34.988 | ng    | 89       |
| 4) n-Nitrosodimethylamine     | 3.351  | 42   | 280930   | 38.145 | ng    | # 58     |
| 6) Aniline                    | 6.469  | 93   | 640597   | 30.904 | ng    | 92       |
| 8) 2-Chlorophenol             | 6.592  | 128  | 570850   | 45.773 | ng    | 93       |
| 9) Benzaldehyde               | 6.357  | 77   | 287436   | 36.663 | ng    | 94       |
| 10) Phenol                    | 6.457  | 94   | 699124m  | 44.891 | ng    |          |
| 11) bis(2-Chloroethyl)ether   | 6.545  | 93   | 530418   | 42.873 | ng    | 92       |
| 12) 1,3-Dichlorobenzene       | 6.745  | 146  | 571158   | 44.265 | ng    | 94       |
| 13) 1,4-Dichlorobenzene       | 6.822  | 146  | 584008   | 45.161 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.975  | 146  | 558382   | 46.342 | ng    | 95       |
| 15) Benzyl Alcohol            | 6.945  | 79   | 479039   | 43.938 | ng    | 93       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.081  | 45   | 831044   | 42.876 | ng    | 89       |
| 17) 2-Methylphenol            | 7.057  | 107  | 447855   | 40.638 | ng    | 93       |
| 18) Hexachloroethane          | 7.310  | 117  | 210780   | 46.441 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.222  | 70   | 361215   | 38.175 | ng    | # 89     |
| 20) 3+4-Methylphenols         | 7.210  | 107  | 515517   | 38.788 | ng    | # 84     |
| 22) Acetophenone              | 7.216  | 105  | 689227   | 39.809 | ng    | 91       |
| 24) Nitrobenzene              | 7.386  | 77   | 567949   | 43.806 | ng    | 93       |
| 25) Isophorone                | 7.628  | 82   | 1059110  | 40.463 | ng    | 98       |
| 26) 2-Nitrophenol             | 7.698  | 139  | 296310   | 53.139 | ng    | # 89     |
| 27) 2,4-Dimethylphenol        | 7.739  | 122  | 448400   | 38.394 | ng    | 87       |
| 28) bis(2-Chloroethoxy)met... | 7.839  | 93   | 654879   | 41.825 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.939  | 162  | 463930   | 43.767 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.028  | 180  | 498336   | 44.087 | ng    | 96       |
| 31) Naphthalene               | 8.104  | 128  | 1544677  | 40.982 | ng    | 99       |
| 32) Benzoic acid              | 7.869  | 122  | 357802m  | 47.135 | ng    |          |
| 33) 4-Chloroaniline           | 8.151  | 127  | 395589   | 23.555 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.222  | 225  | 289186   | 44.353 | ng    | 98       |
| 35) Caprolactam               | 8.533  | 113  | 153938m  | 45.013 | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.639  | 107  | 474810   | 42.296 | ng    | 93       |
| 37) 2-Methylnaphthalene       | 8.798  | 142  | 977985   | 39.145 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.898  | 142  | 933802   | 40.195 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 8.963  | 216  | 474571   | 43.813 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 8.945  | 237  | 408286   | 77.513 | ng    | 91       |
| 43) 2,4,6-Trichlorophenol     | 9.075  | 196  | 322709   | 45.523 | ng    | 96       |

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Manual Integrations  
 APPROVED

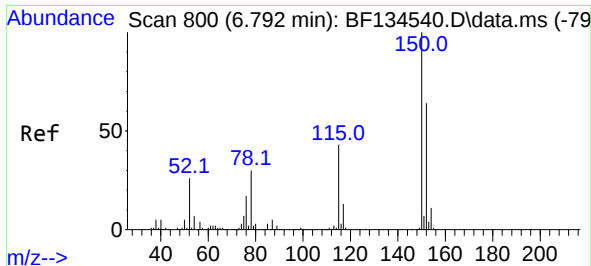
Reviewed By :Yogesh Patel 08/10/2023  
 Supervised By :mohammad ahmed 08/10/2023

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.116  | 196  | 338339   | 41.760 | ng    | 93       |
| 46) 1,1'-Biphenyl             | 9.263  | 154  | 1227557  | 42.380 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.286  | 162  | 941206   | 43.366 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.386  | 65   | 306415   | 45.463 | ng    | 85       |
| 49) Acenaphthylene            | 9.704  | 152  | 1440002  | 42.208 | ng    | 99       |
| 50) Dimethylphthalate         | 9.569  | 163  | 1104989  | 43.525 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 9.627  | 165  | 250270   | 48.107 | ng    | 85       |
| 52) Acenaphthene              | 9.874  | 154  | 987483m  | 44.664 | ng    |          |
| 53) 3-Nitroaniline            | 9.798  | 138  | 220685   | 38.999 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.904  | 184  | 201719   | 91.807 | ng    | 92       |
| 55) Dibenzofuran              | 10.051 | 168  | 1273860  | 40.474 | ng    | 93       |
| 56) 4-Nitrophenol             | 9.963  | 139  | 388647   | 83.976 | ng    | # 74     |
| 57) 2,4-Dinitrotoluene        | 10.033 | 165  | 308711   | 49.068 | ng    | # 88     |
| 58) Fluorene                  | 10.392 | 166  | 923499   | 40.284 | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.169 | 232  | 281603   | 43.933 | ng    | 96       |
| 60) Diethylphthalate          | 10.269 | 149  | 1041178  | 43.267 | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 10.386 | 204  | 469442   | 41.661 | ng    | 91       |
| 62) 4-Nitroaniline            | 10.410 | 138  | 235887   | 42.530 | ng    | 84       |
| 63) Azobenzene                | 10.545 | 77   | 999028   | 38.640 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.445 | 198  | 137828   | 54.690 | ng    | # 73     |
| 66) n-Nitrosodiphenylamine    | 10.504 | 169  | 880359   | 45.560 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.874 | 248  | 310840   | 46.773 | ng    | 96       |
| 68) Hexachlorobenzene         | 10.939 | 284  | 329158   | 46.904 | ng    | 95       |
| 69) Atrazine                  | 11.039 | 200  | 293935   | 56.437 | ng    | 99       |
| 70) Pentachlorophenol         | 11.133 | 266  | 294367   | 67.747 | ng    | 97       |
| 71) Phenanthrene              | 11.357 | 178  | 1352546  | 41.945 | ng    | 100      |
| 72) Anthracene                | 11.410 | 178  | 1352485  | 41.062 | ng    | 99       |
| 73) Carbazole                 | 11.563 | 167  | 1173292  | 39.896 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.898 | 149  | 1457439  | 46.647 | ng    | 99       |
| 75) Fluoranthene              | 12.545 | 202  | 1276428  | 37.474 | ng    | 96       |
| 77) Benzidine                 | 12.668 | 184  | 506919   | 64.548 | ng    | 98       |
| 78) Pyrene                    | 12.774 | 202  | 1270303  | 40.578 | ng    | 97       |
| 80) Butylbenzylphthalate      | 13.404 | 149  | 461351   | 43.583 | ng    | # 97     |
| 81) Benzo(a)anthracene        | 13.968 | 228  | 1029793  | 39.808 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.933 | 252  | 369834   | 49.322 | ng    | # 98     |
| 83) Chrysene                  | 14.004 | 228  | 1027434  | 40.766 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.968 | 149  | 541055   | 43.433 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 14.586 | 149  | 1157869  | 61.121 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 16.950 | 276  | 1079057  | 41.539 | ng    | # 92     |
| 88) Benzo(b)fluoranthene      | 15.021 | 252  | 1232894  | 45.767 | ng    | # 96     |
| 89) Benzo(k)fluoranthene      | 15.056 | 252  | 1032155  | 38.463 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.392 | 252  | 1011671  | 40.278 | ng    | # 96     |
| 91) Dibenzo(a,h)anthracene    | 16.974 | 278  | 888687   | 42.331 | ng    | # 96     |
| 92) Benzo(g,h,i)perylene      | 17.403 | 276  | 819683   | 38.276 | ng    | # 92     |

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

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Supervised By :mohammad ahmed 08/10/2023

[illegible]



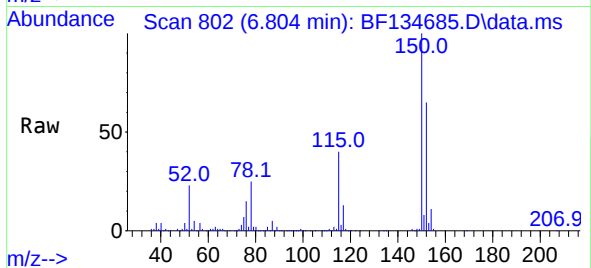
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.804 min Scan# 80  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Instrument :

BNA\_F

ClientSampleId :

ETGI-368MSD



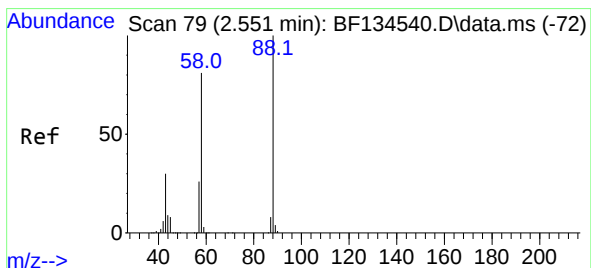
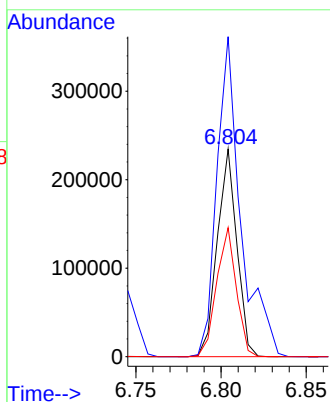
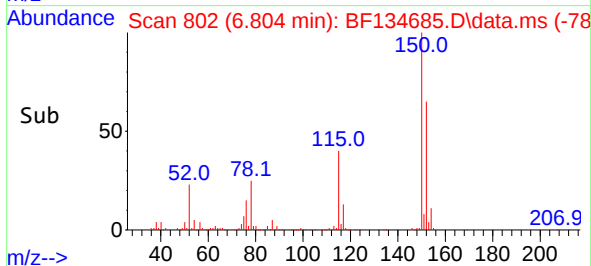
Tgt Ion:152 Resp: 187930  
Ion Ratio Lower Upper  
152 100  
150 154.1 128.3 192.5  
115 62.1 52.4 78.6

Manual Integrations

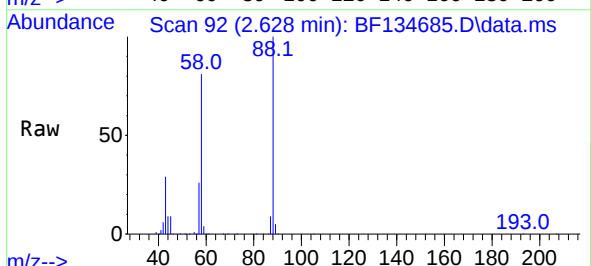
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Reviewed By :Yogesh Patel 08/10/2023

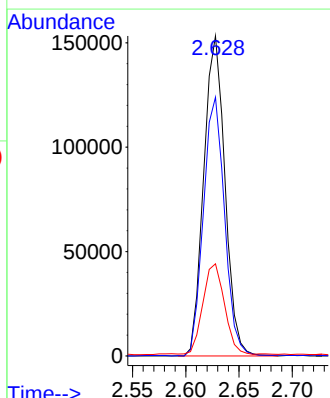
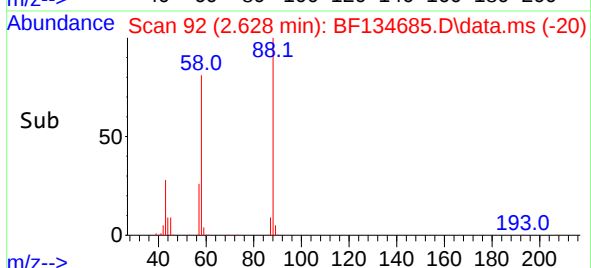
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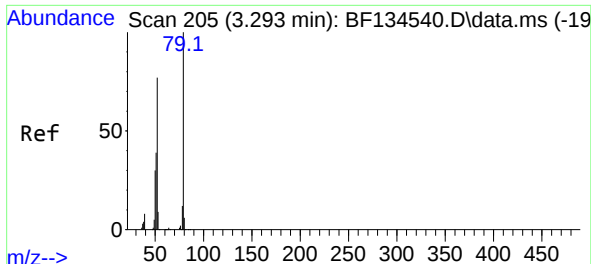


#2  
1,4-Dioxane  
Concen: 37.350 ng  
RT: 2.628 min Scan# 92  
Delta R.T. 0.076 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05



Tgt Ion: 88 Resp: 212452  
Ion Ratio Lower Upper  
88 100  
58 80.9 65.1 97.7  
43 29.6 30.3 45.5#





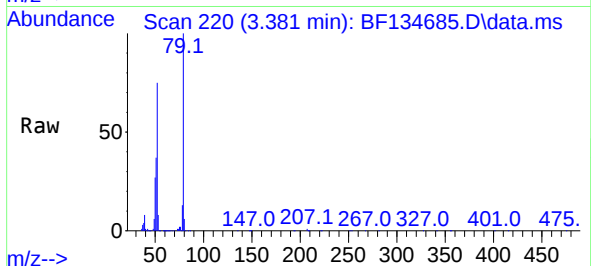
#3  
Pyridine  
Concen: 34.988 ng  
RT: 3.381 min Scan# 215  
Delta R.T. 0.076 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Instrument :

BNA\_F

ClientSampleId :

ETGI-368MSD

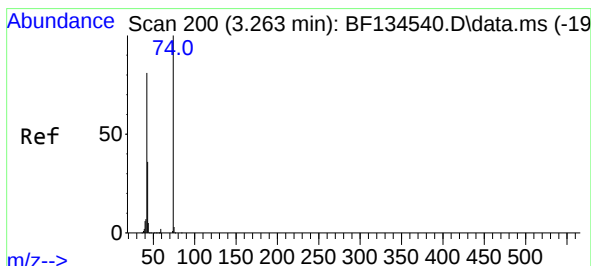
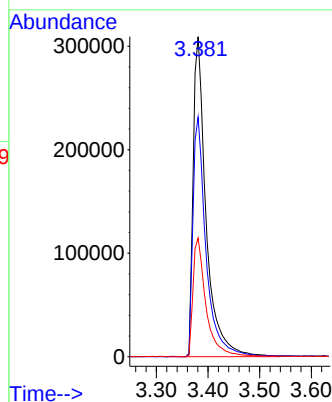
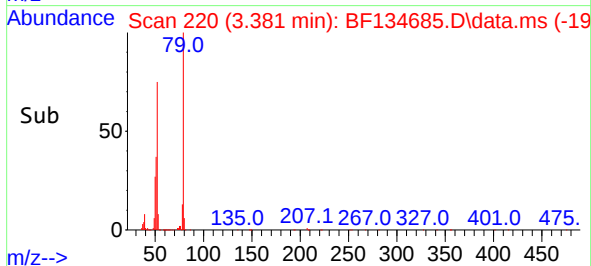


Tgt Ion: 79 Resp: 539280  
Ion Ratio Lower Upper  
79 100  
52 74.9 66.6 100.0  
51 37.1 36.5 54.7

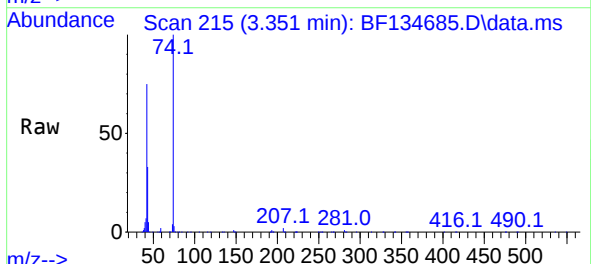
Manual Integrations

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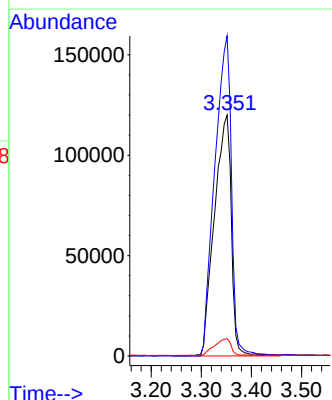
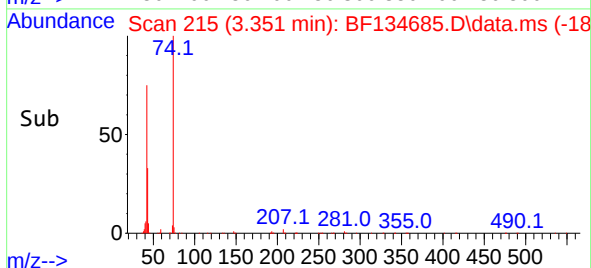
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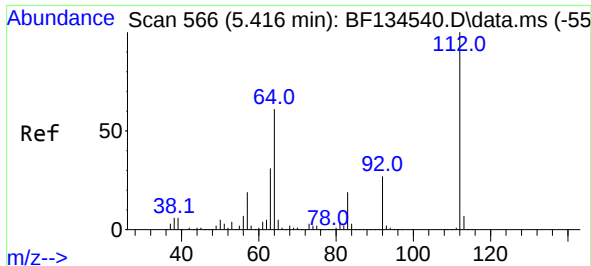


#4  
n-Nitrosodimethylamine  
Concen: 38.145 ng  
RT: 3.351 min Scan# 215  
Delta R.T. 0.071 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05



Tgt Ion: 42 Resp: 280930  
Ion Ratio Lower Upper  
42 100  
74 132.9 72.2 108.4  
44 7.2 5.4 8.0





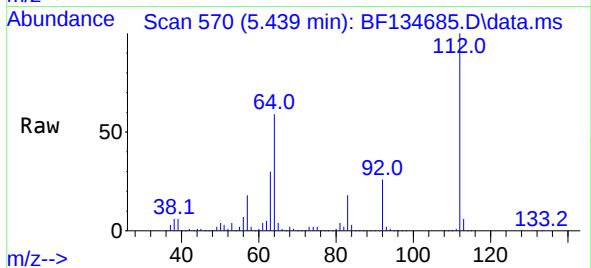
#5  
2-Fluorophenol  
Concen: 64.952 ng  
RT: 5.439 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

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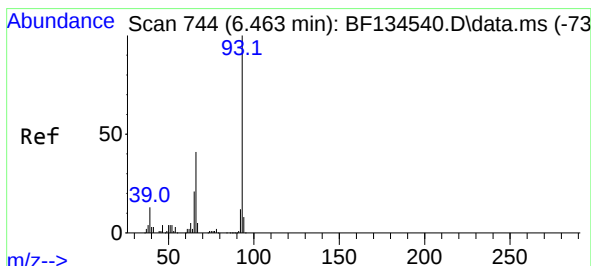
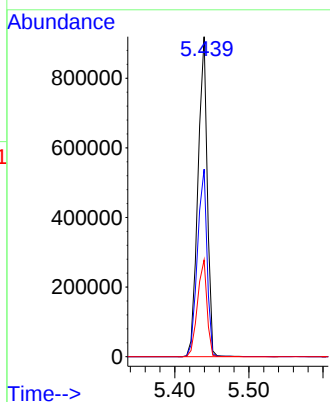
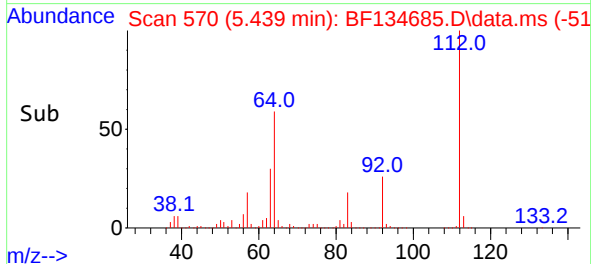


Tgt Ion:112 Resp: 803000  
Ion Ratio Lower Upper  
112 100  
64 58.6 44.9 67.3  
63 30.2 25.4 38.0

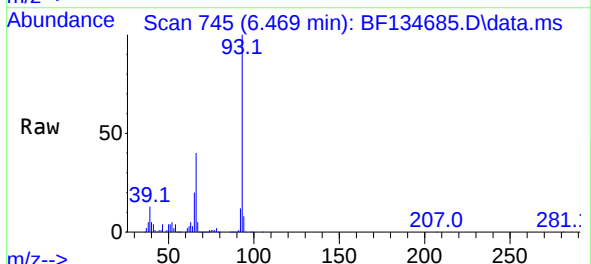
Manual Integrations

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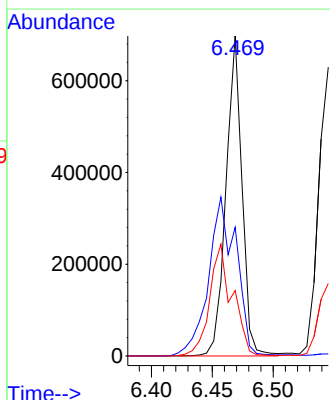
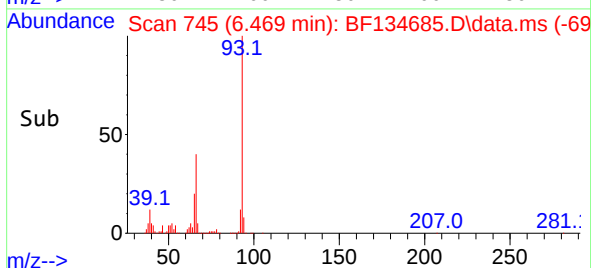
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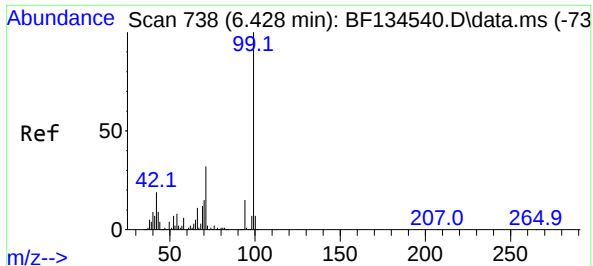


#6  
Aniline  
Concen: 30.904 ng  
RT: 6.469 min Scan# 745  
Delta R.T. -0.000 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05



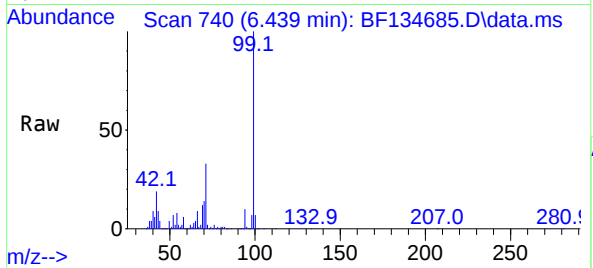
Tgt Ion: 93 Resp: 640597  
Ion Ratio Lower Upper  
93 100  
66 40.2 36.8 55.2  
65 20.4 19.4 29.0





#7  
Phenol-d6  
Concen: 65.727 ng  
RT: 6.439 min Scan# 740  
Delta R.T. -0.000 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

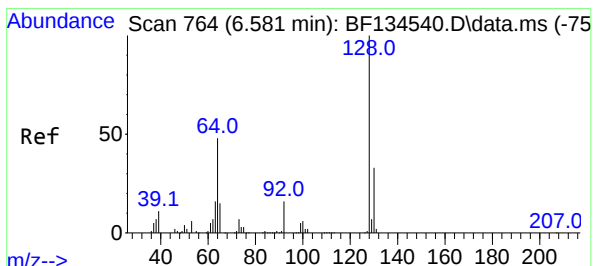
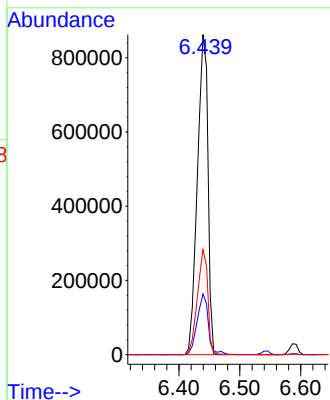
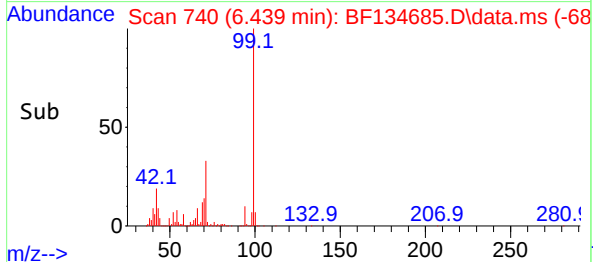
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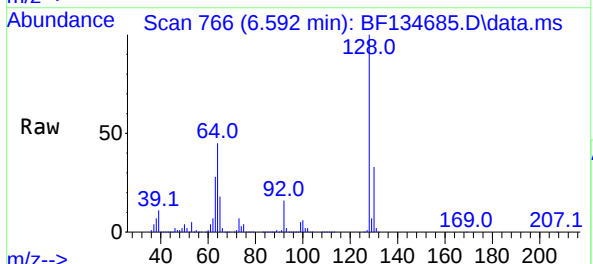
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Ion Ratio Lower Upper  
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42 18.9 18.7 28.1  
71 32.8 36.4 54.6

Manual Integrations  
APPROVED

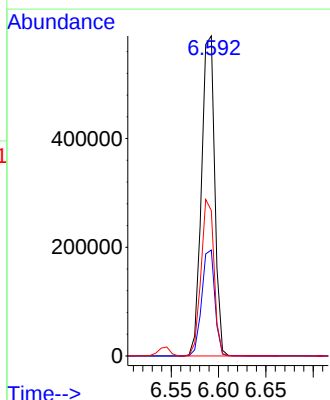
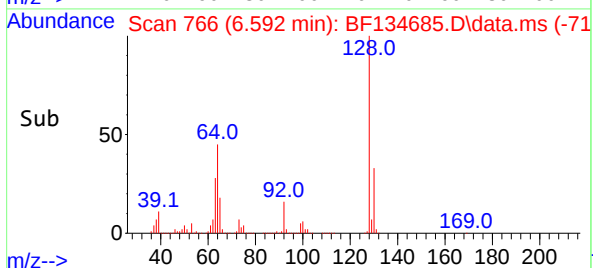
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

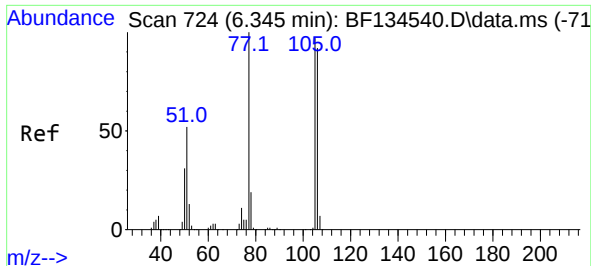


#8  
2-Chlorophenol  
Concen: 45.773 ng  
RT: 6.592 min Scan# 766  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05



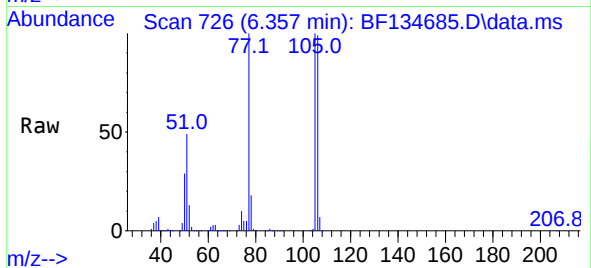
Tgt Ion:128 Resp: 570850  
Ion Ratio Lower Upper  
128 100  
130 33.1 11.1 51.1  
64 45.5 31.9 71.9





#9  
Benzaldehyde  
Concen: 36.663 ng  
RT: 6.357 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

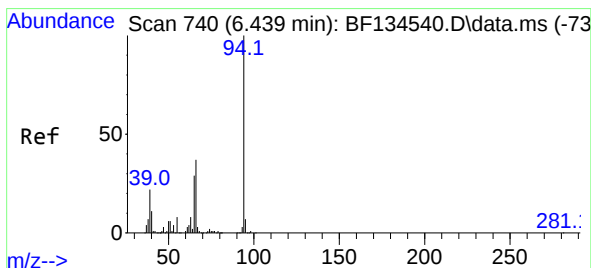
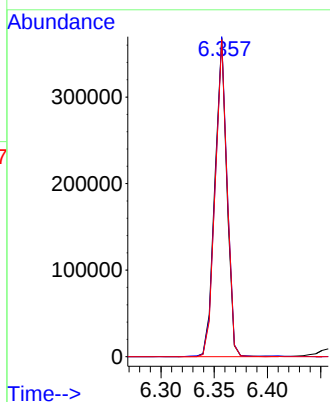
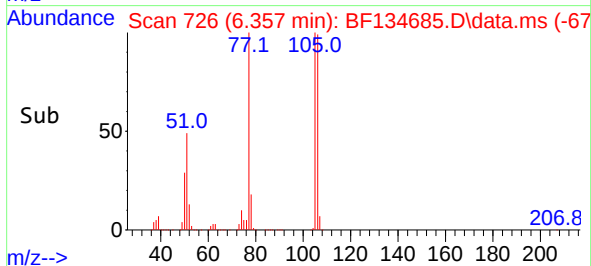
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-368MSD



Tgt Ion: 77 Resp: 287430  
Ion Ratio Lower Upper  
77 100  
105 100.5 77.1 117.1  
106 99.5 71.4 111.4

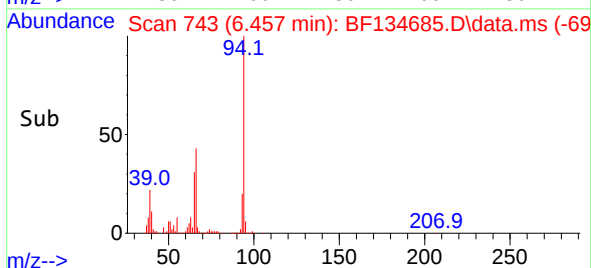
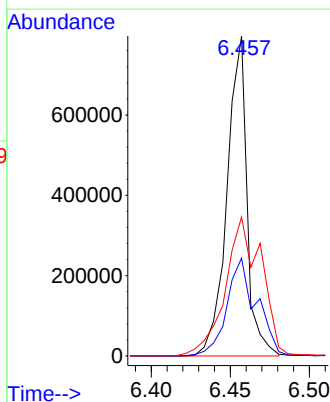
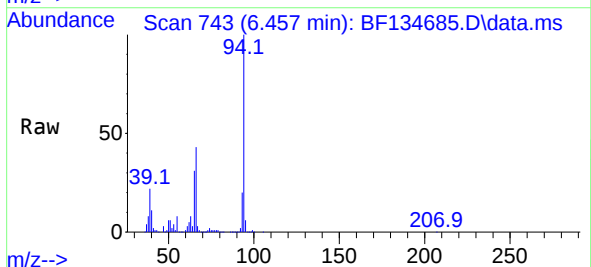
Manual Integrations  
APPROVED

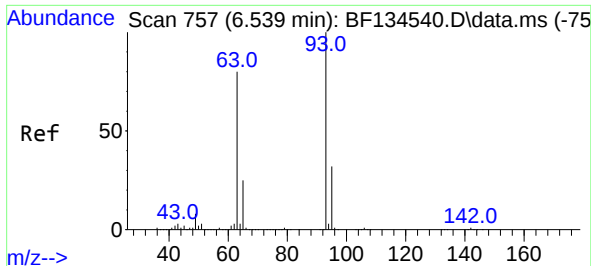
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023



#10  
Phenol  
Concen: 44.891 ng m  
RT: 6.457 min Scan# 743  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Tgt Ion: 94 Resp: 699124  
Ion Ratio Lower Upper  
94 100  
65 30.6 17.8 57.8  
66 43.5 35.2 75.2





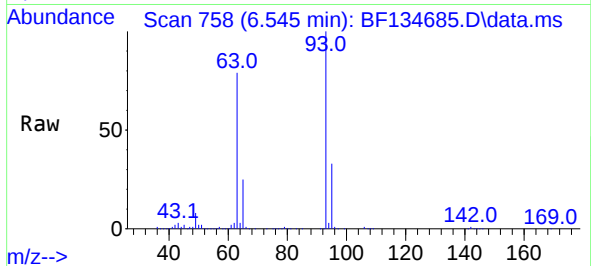
#11  
bis(2-Chloroethyl)ether  
Concen: 42.873 ng  
RT: 6.545 min Scan# 711  
Delta R.T. -0.000 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Instrument :

BNA\_F

ClientSampleId :

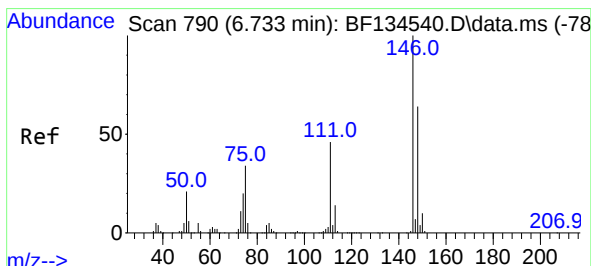
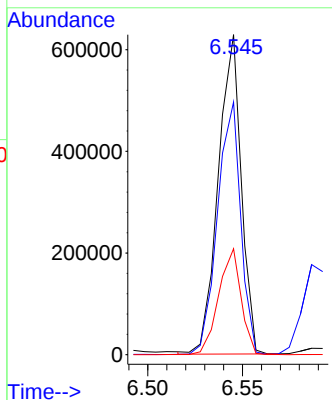
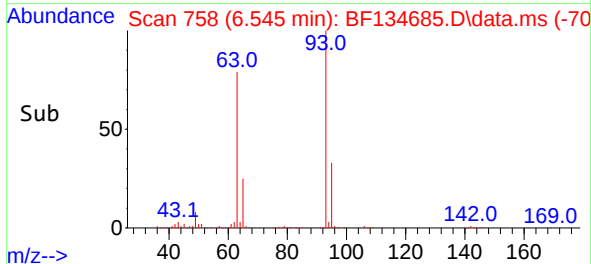
ETGI-368MSD



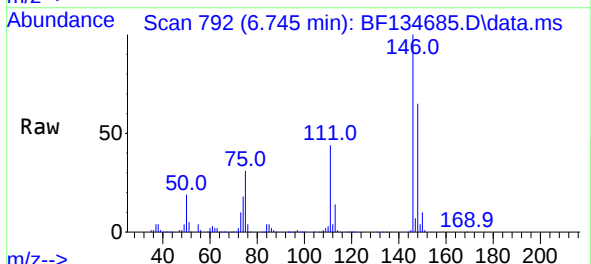
Tgt Ion: 93 Resp: 530418  
Ion Ratio Lower Upper  
93 100  
63 79.0 68.4 108.4  
95 33.1 12.4 52.4

Manual Integrations  
APPROVED

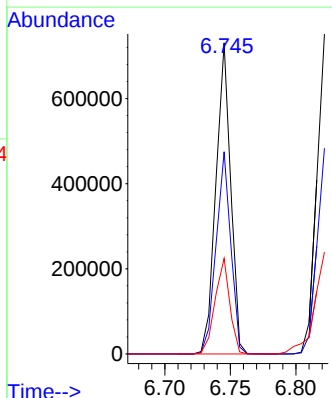
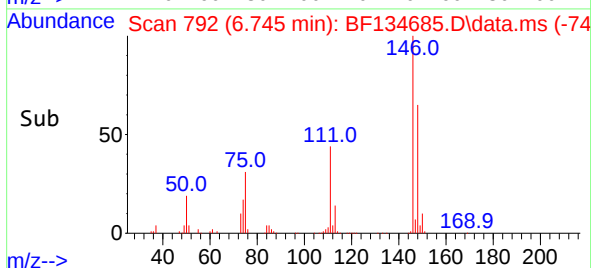
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

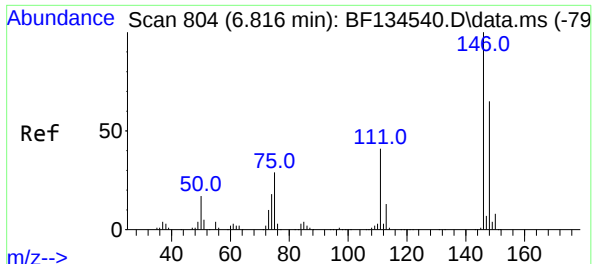


#12  
1,3-Dichlorobenzene  
Concen: 44.265 ng  
RT: 6.745 min Scan# 792  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05



Tgt Ion:146 Resp: 571158  
Ion Ratio Lower Upper  
146 100  
148 65.0 49.7 74.5  
75 30.7 29.5 44.3





#13  
1,4-Dichlorobenzene  
Concen: 45.161 ng  
RT: 6.822 min Scan# 804  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Instrument :

BNA\_F

ClientSampleId :

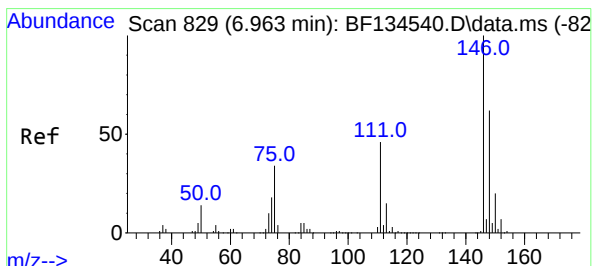
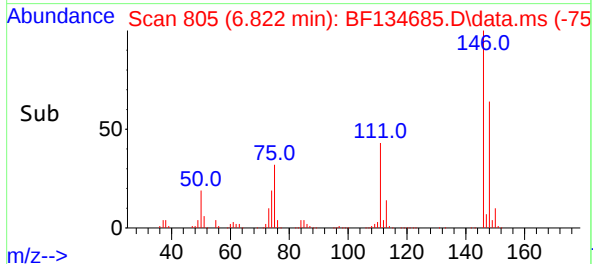
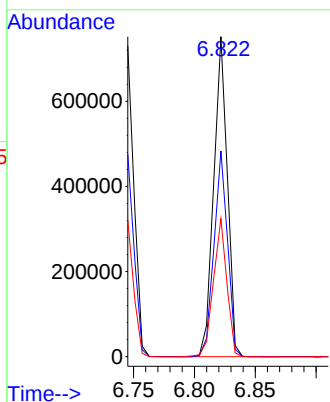
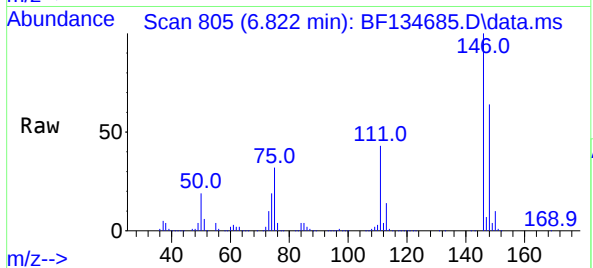
ETGI-368MSD

Tgt Ion:146 Resp: 584008  
Ion Ratio Lower Upper  
146 100  
148 64.3 51.3 76.9  
111 43.2 36.6 55.0

Manual Integrations

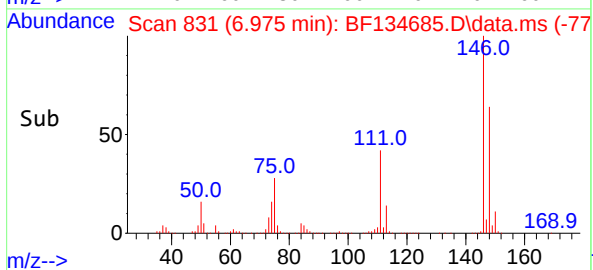
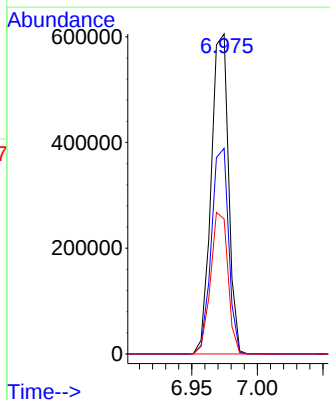
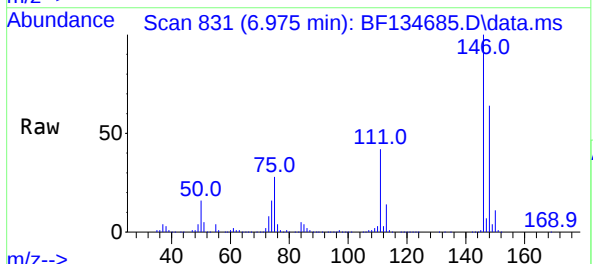
APPROVED

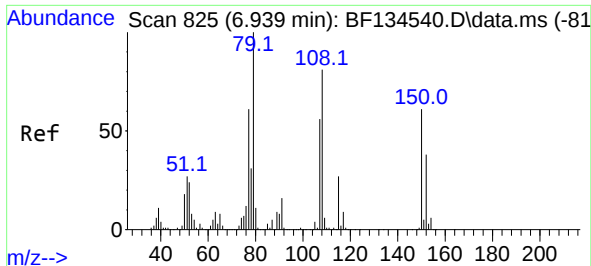
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023



#14  
1,2-Dichlorobenzene  
Concen: 46.342 ng  
RT: 6.975 min Scan# 831  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

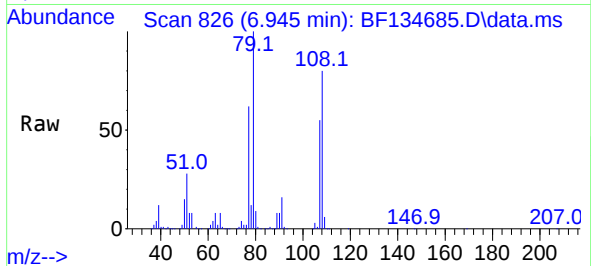
Tgt Ion:146 Resp: 558382  
Ion Ratio Lower Upper  
146 100  
148 64.2 51.2 76.8  
111 42.2 39.9 59.9





#15  
Benzyl Alcohol  
Concen: 43.938 ng  
RT: 6.945 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

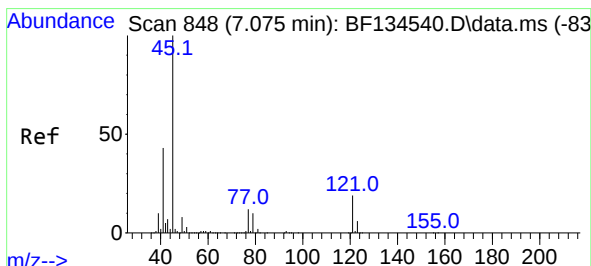
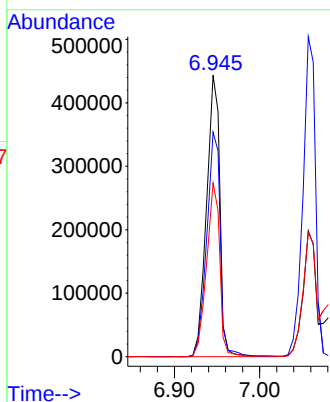
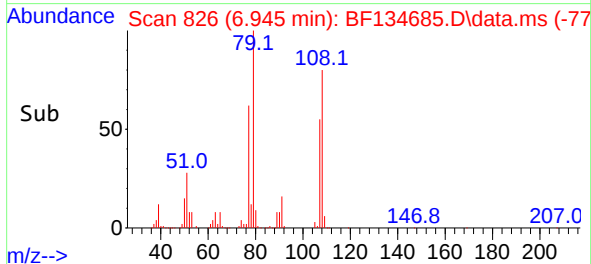
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-368MSD



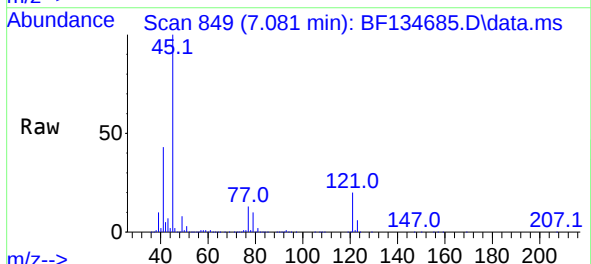
Tgt Ion: 79 Resp: 479039  
Ion Ratio Lower Upper  
79 100  
108 79.7 56.3 84.5  
77 61.8 50.6 76.0

Manual Integrations  
APPROVED

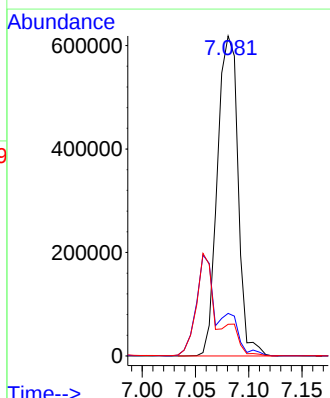
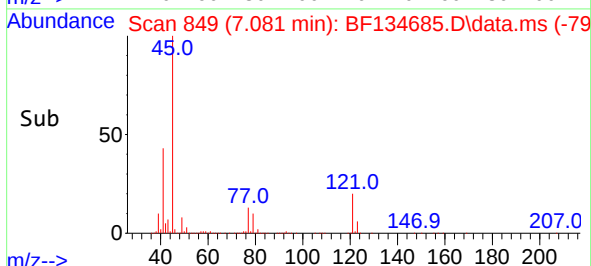
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

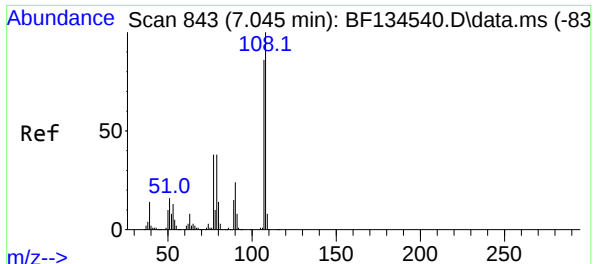


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.876 ng  
RT: 7.081 min Scan# 849  
Delta R.T. -0.000 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05



Tgt Ion: 45 Resp: 831044  
Ion Ratio Lower Upper  
45 100  
77 13.3 0.0 37.8  
79 9.9 0.0 34.5





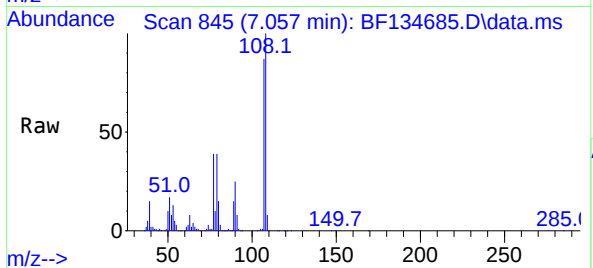
#17  
2-Methylphenol  
Concen: 40.638 ng  
RT: 7.057 min Scan# 843  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Instrument :

BNA\_F

ClientSampleId :

ETGI-368MSD

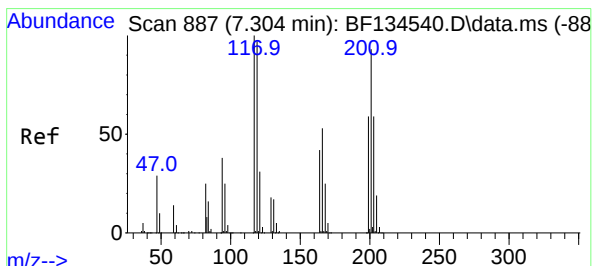
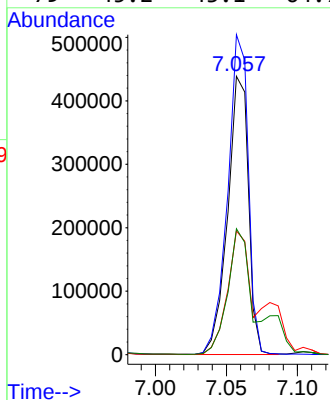
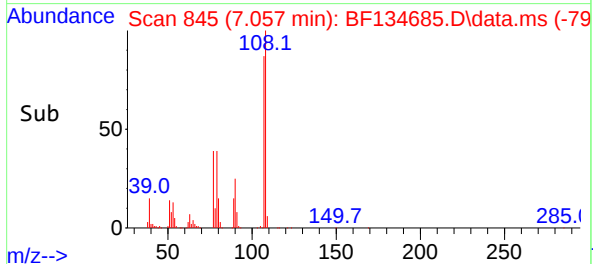


Tgt Ion:107 Resp: 44785  
Ion Ratio Lower Upper  
107 100  
108 115.0 89.4 134.2  
77 44.5 42.4 63.6  
79 45.2 43.1 64.7

Manual Integrations

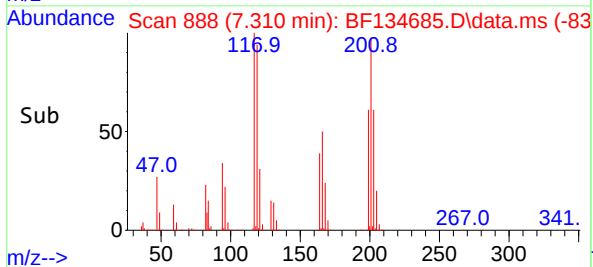
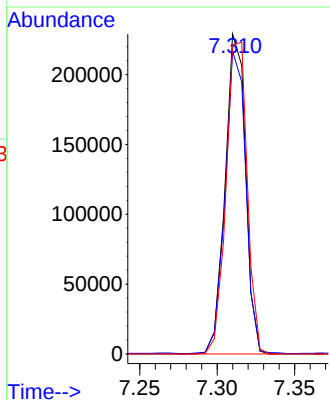
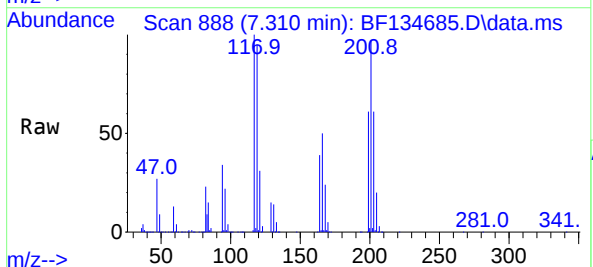
APPROVED

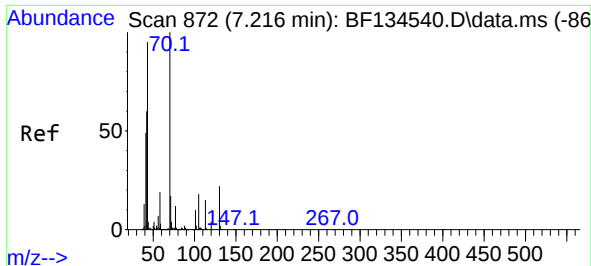
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023



#18  
Hexachloroethane  
Concen: 46.441 ng  
RT: 7.310 min Scan# 888  
Delta R.T. -0.000 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

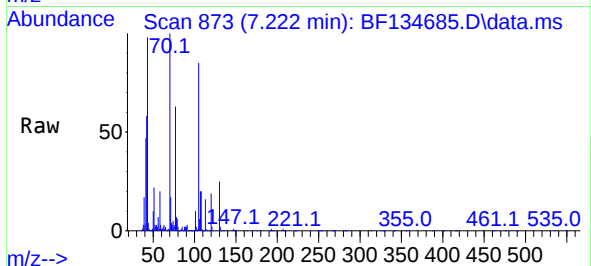
Tgt Ion:117 Resp: 210780  
Ion Ratio Lower Upper  
117 100  
119 94.6 75.8 113.8  
201 96.5 73.6 110.4





#19  
n-Nitroso-di-n-propylamine  
Concen: 38.175 ng  
RT: 7.222 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

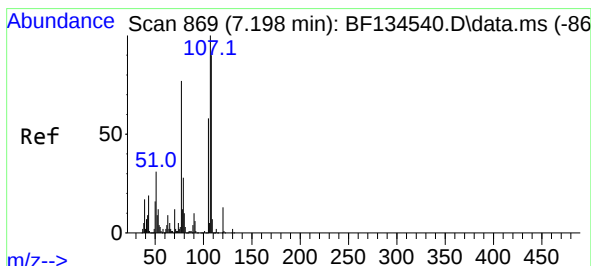
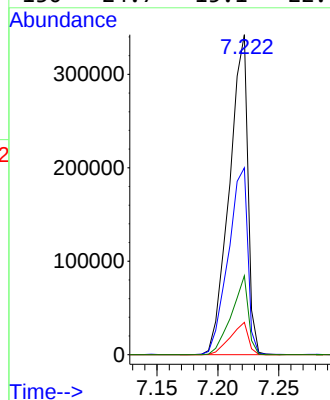
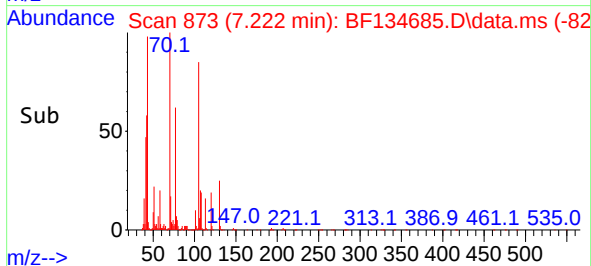
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-368MSD



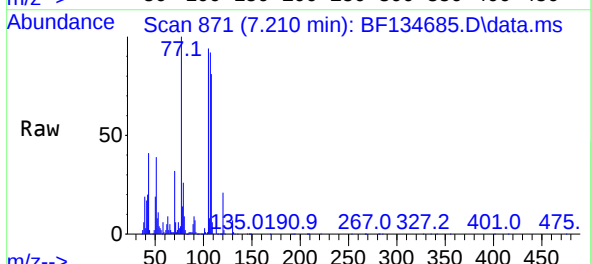
Tgt Ion: 70 Resp: 361215  
Ion Ratio Lower Upper  
70 100  
42 58.4 54.7 82.1  
101 10.1 8.2 12.2  
130 24.7 15.1 22.7#

Manual Integrations  
APPROVED

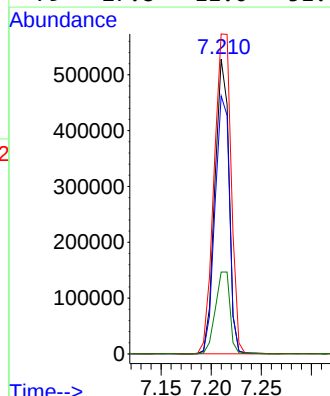
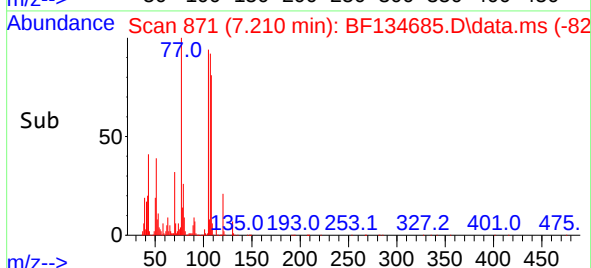
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

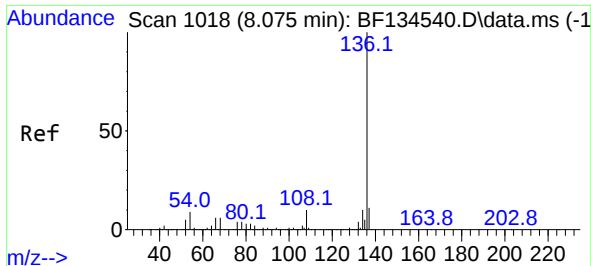


#20  
3+4-Methylphenols  
Concen: 38.788 ng  
RT: 7.210 min Scan# 871  
Delta R.T. -0.000 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05



Tgt Ion:107 Resp: 515517  
Ion Ratio Lower Upper  
107 100  
108 87.6 68.1 108.1  
77 108.6 122.1 162.1#  
79 27.8 11.0 51.0





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.080 min Scan# 1018  
Delta R.T. -0.000 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Instrument :

BNA\_F

ClientSampleId :

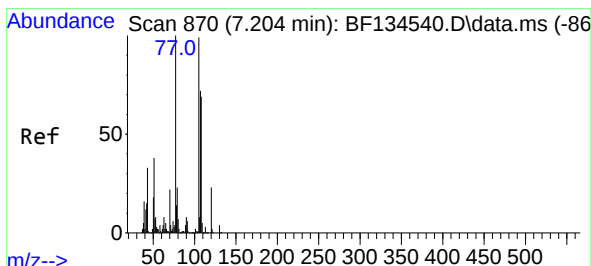
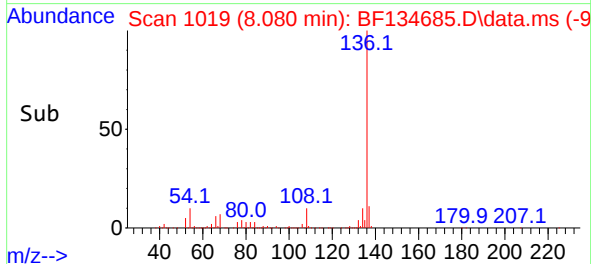
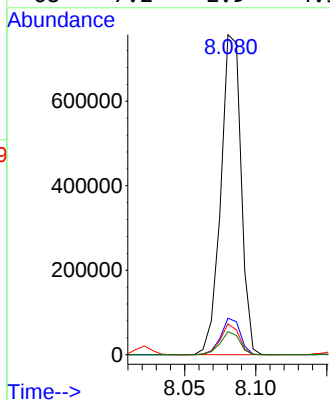
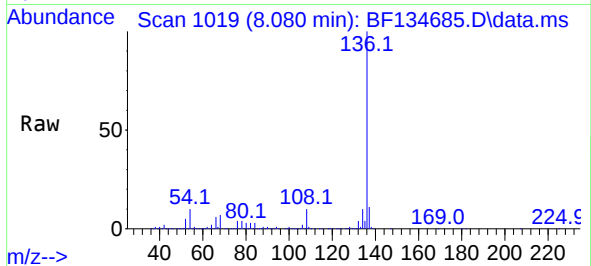
ETGI-368MSD

Tgt Ion:136 Resp: 749958  
Ion Ratio Lower Upper  
136 100  
137 11.4 8.4 12.6  
54 9.6 5.2 7.8  
68 7.2 2.9 4.3

Manual Integrations

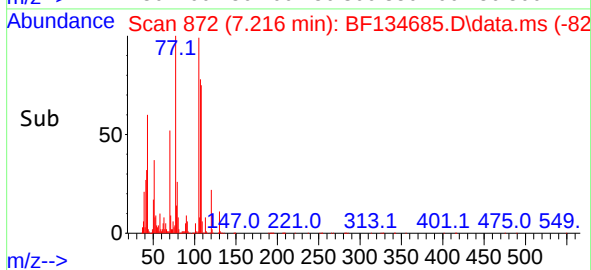
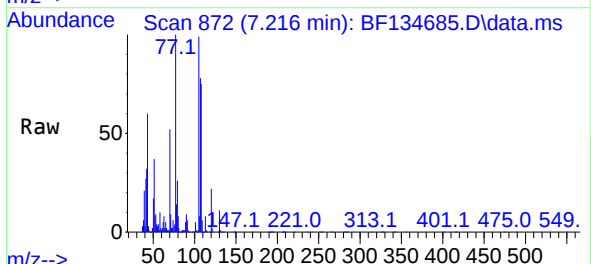
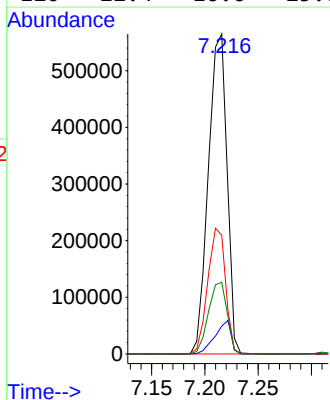
APPROVED

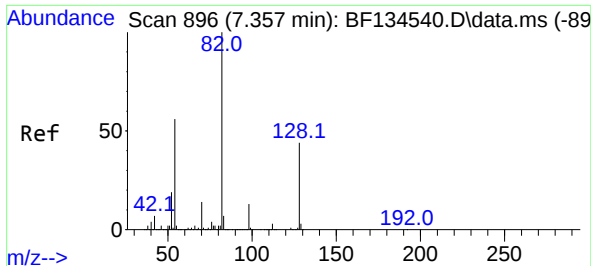
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023



#22  
Acetophenone  
Concen: 39.809 ng  
RT: 7.216 min Scan# 872  
Delta R.T. -0.000 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Tgt Ion:105 Resp: 689227  
Ion Ratio Lower Upper  
105 100  
71 8.7 7.4 11.0  
51 37.1 36.4 54.6  
120 22.4 16.6 25.0





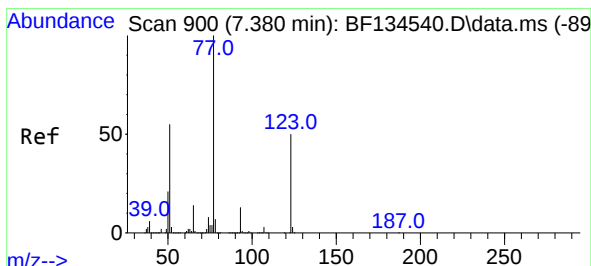
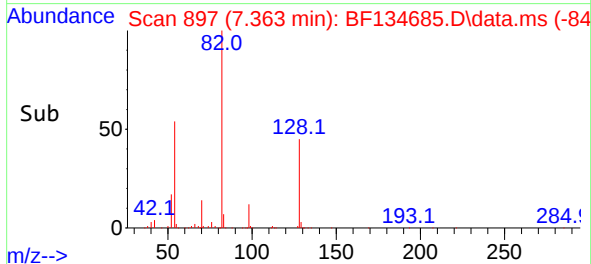
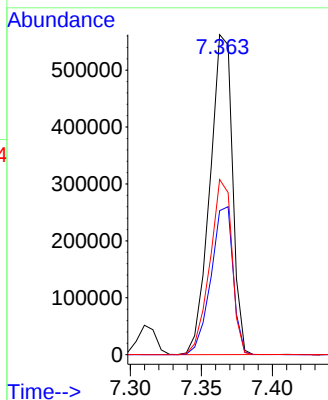
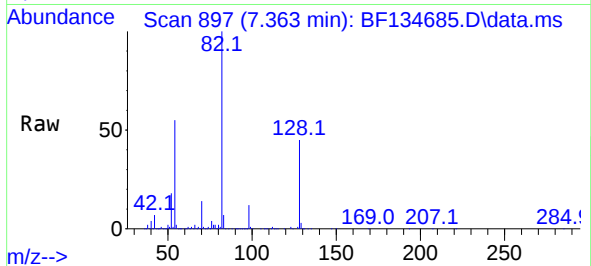
#23  
Nitrobenzene-d5  
Concen: 51.655 ng  
RT: 7.363 min Scan# 896  
Delta R.T. -0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-368MSD

Tgt Ion: 82 Resp: 61989  
Ion Ratio Lower Upper  
82 100  
128 45.0 34.3 51.5  
54 54.7 43.8 65.6

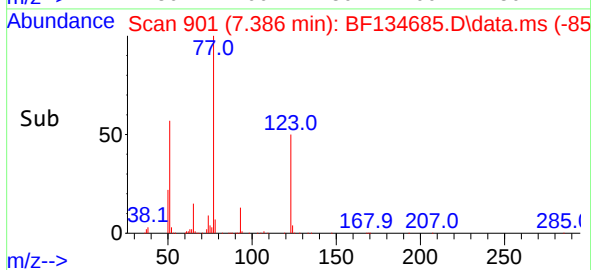
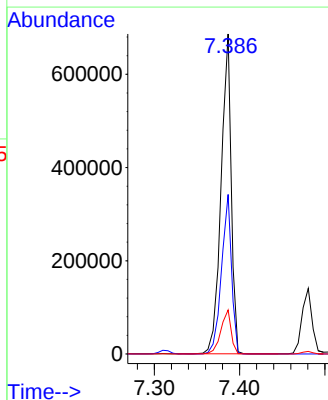
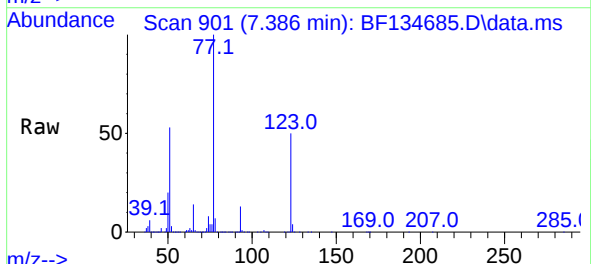
Manual Integrations  
APPROVED

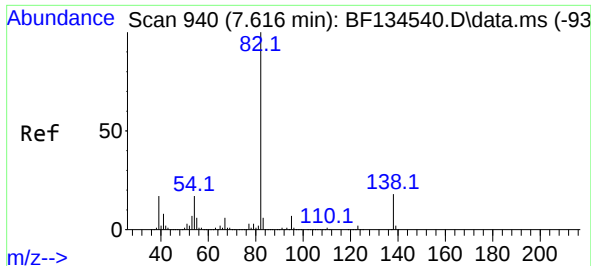
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023



#24  
Nitrobenzene  
Concen: 43.806 ng  
RT: 7.386 min Scan# 901  
Delta R.T. -0.000 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

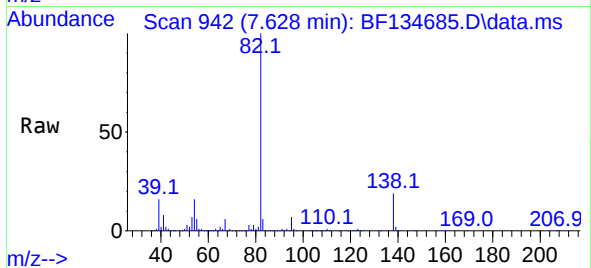
Tgt Ion: 77 Resp: 567949  
Ion Ratio Lower Upper  
77 100  
123 49.9 35.5 53.3  
65 13.8 11.9 17.9





#25  
Isophorone  
Concen: 40.463 ng  
RT: 7.628 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

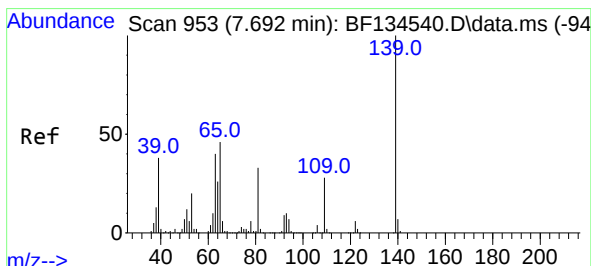
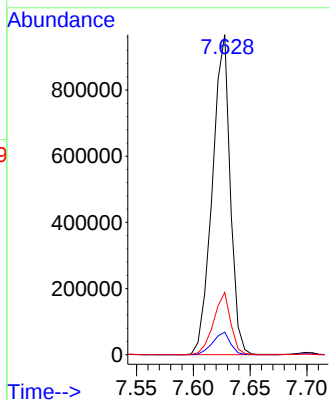
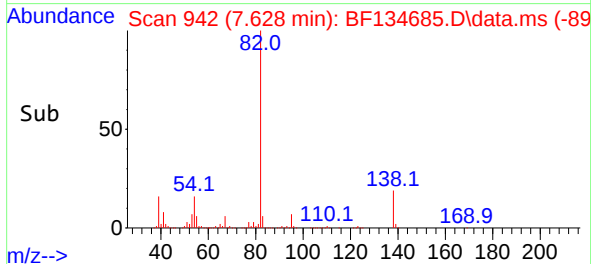
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-368MSD



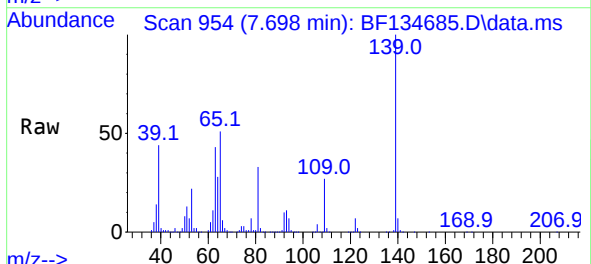
Tgt Ion: 82 Resp: 1059110  
Ion Ratio Lower Upper  
82 100  
95 7.0 6.0 9.0  
138 19.5 14.6 22.0

Manual Integrations  
APPROVED

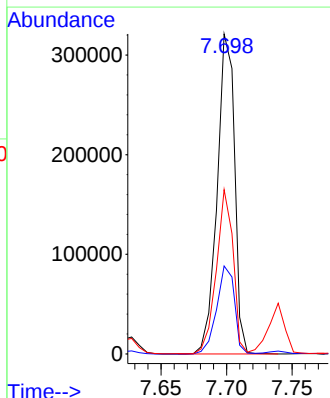
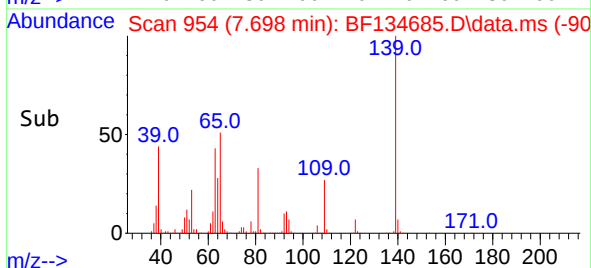
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

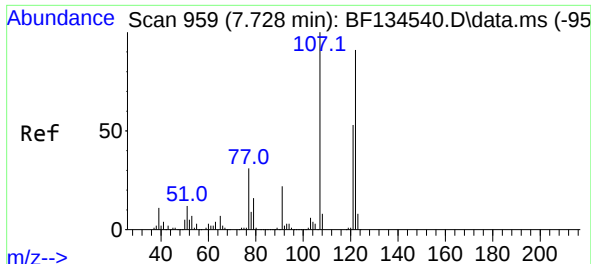


#26  
2-Nitrophenol  
Concen: 53.139 ng  
RT: 7.698 min Scan# 954  
Delta R.T. -0.000 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05



Tgt Ion:139 Resp: 296310  
Ion Ratio Lower Upper  
139 100  
109 27.5 29.8 44.6#  
65 51.3 45.4 68.2





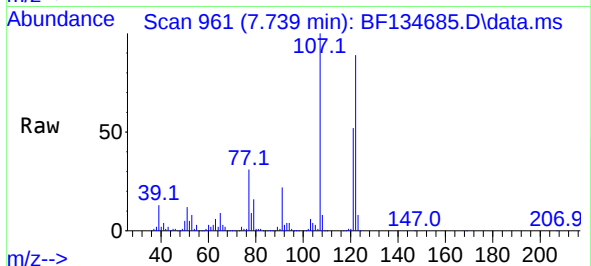
#27  
2,4-Dimethylphenol  
Concen: 38.394 ng  
RT: 7.739 min Scan# 90  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Instrument :

BNA\_F

ClientSampleId :

ETGI-368MSD

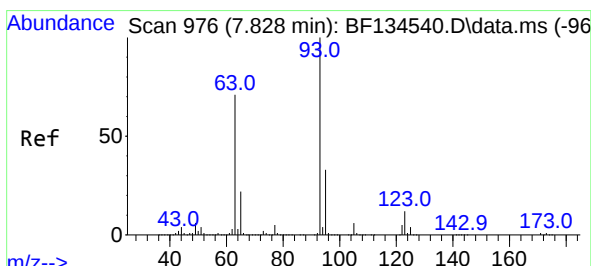
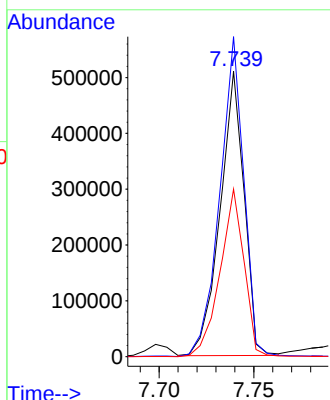
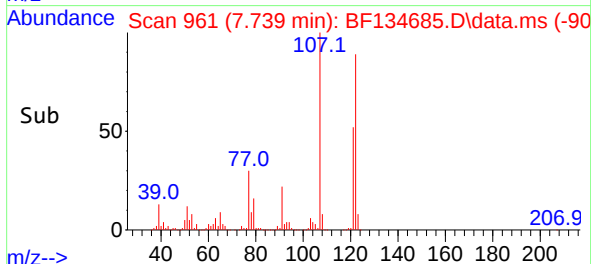


Tgt Ion:122 Resp: 448400  
Ion Ratio Lower Upper  
122 100  
107 112.1 106.7 160.1  
121 58.7 49.0 73.6

Manual Integrations

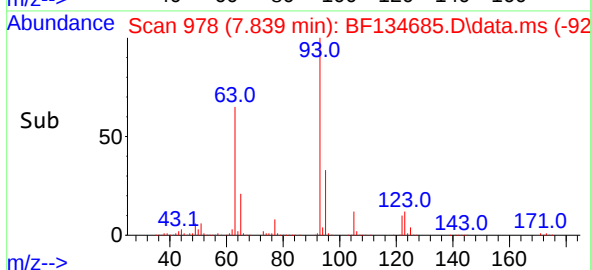
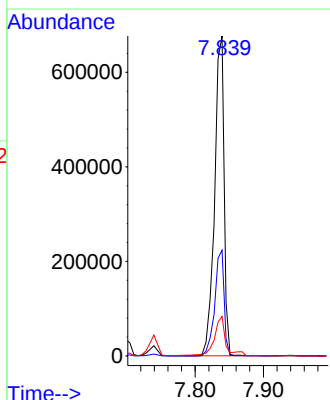
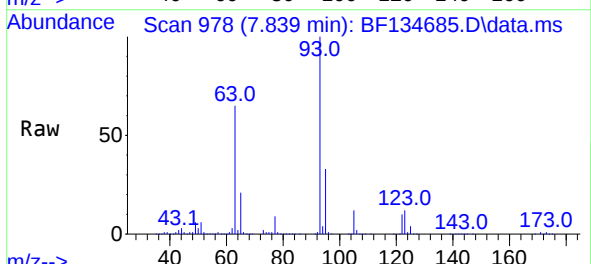
APPROVED

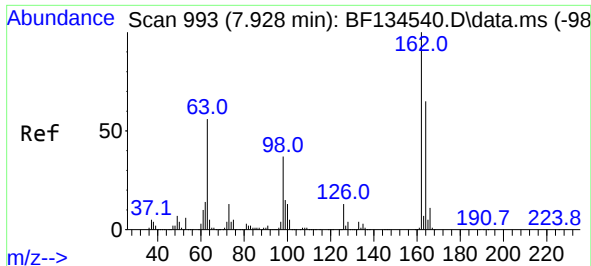
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023



#28  
bis(2-Chloroethoxy)methane  
Concen: 41.825 ng  
RT: 7.839 min Scan# 978  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Tgt Ion: 93 Resp: 654879  
Ion Ratio Lower Upper  
93 100  
95 33.1 26.5 39.7  
123 12.3 9.6 14.4





#29  
2,4-Dichlorophenol  
Concen: 43.767 ng  
RT: 7.939 min Scan# 993  
Delta R.T. -0.000 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Instrument :

BNA\_F

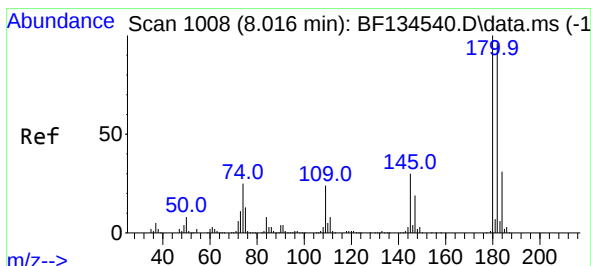
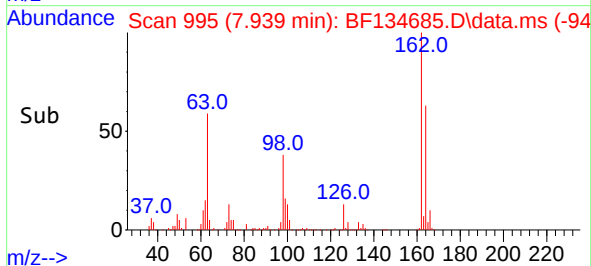
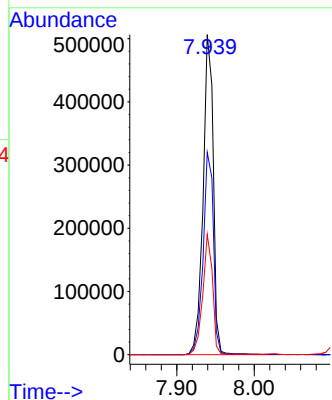
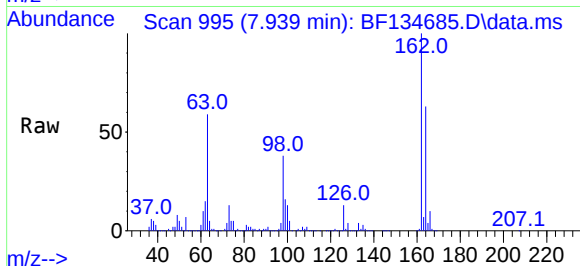
ClientSampleId :

ETGI-368MSD

Tgt Ion:162 Resp: 463930  
Ion Ratio Lower Upper  
162 100  
164 63.3 42.2 82.2  
98 37.6 15.5 55.5

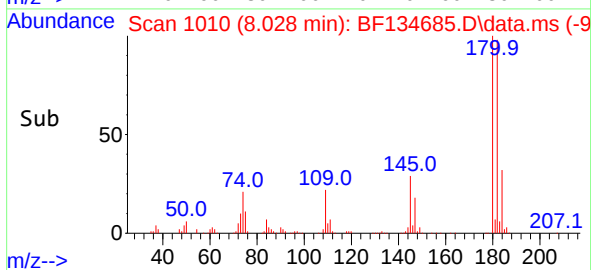
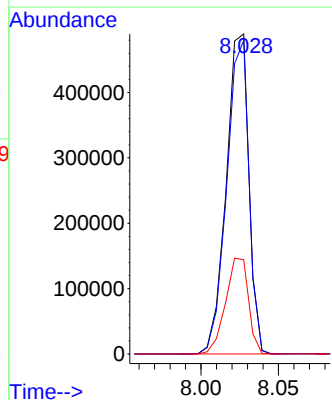
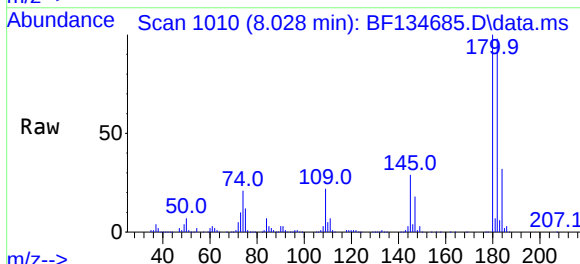
Manual Integrations  
APPROVED

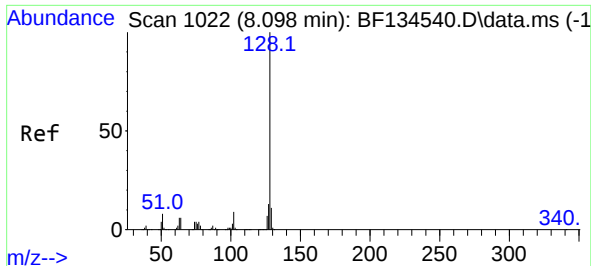
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023



#30  
1,2,4-Trichlorobenzene  
Concen: 44.087 ng  
RT: 8.028 min Scan# 1010  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Tgt Ion:180 Resp: 498336  
Ion Ratio Lower Upper  
180 100  
182 97.9 75.0 112.6  
145 29.5 25.5 38.3





#31  
Naphthalene  
Concen: 40.982 ng  
RT: 8.104 min Scan# 1023  
Delta R.T. -0.000 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Instrument :

BNA\_F

ClientSampleId :

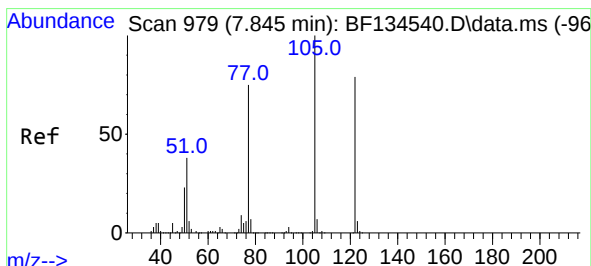
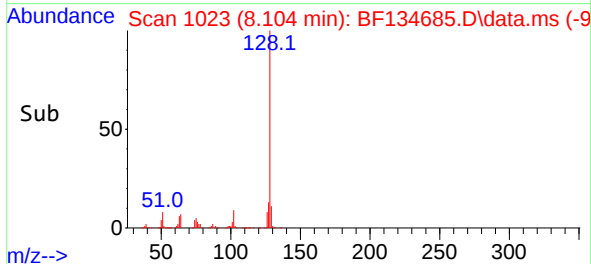
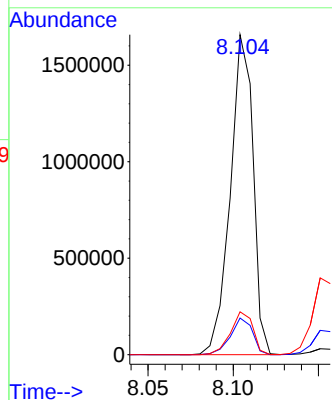
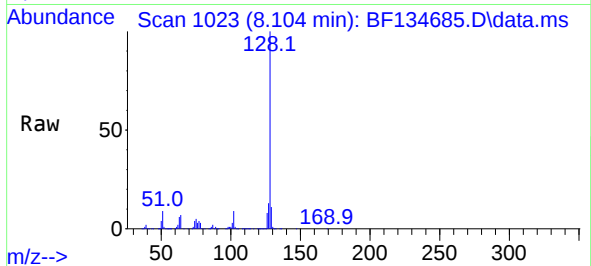
ETGI-368MSD

Tgt Ion:128 Resp: 154467  
Ion Ratio Lower Upper  
128 100  
129 11.4 8.4 12.6  
127 13.4 10.7 16.1

Manual Integrations

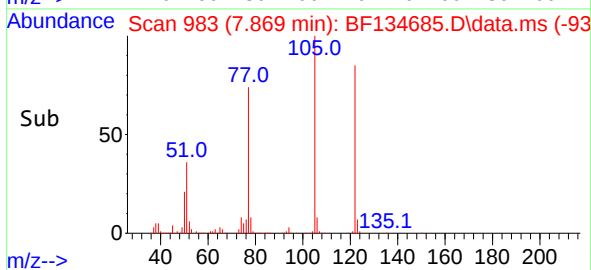
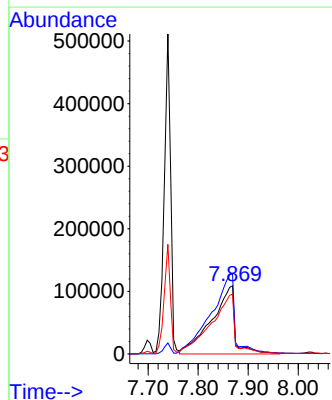
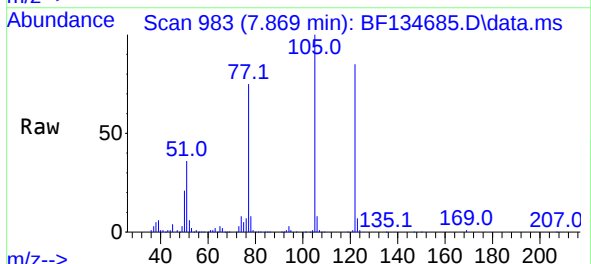
APPROVED

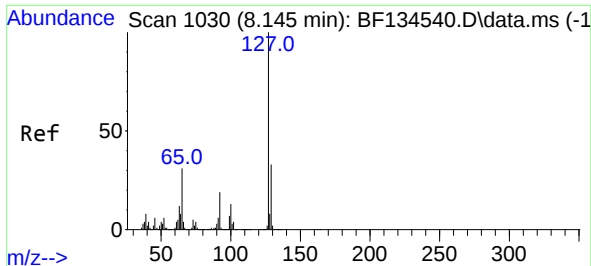
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023



#32  
Benzoic acid  
Concen: 47.135 ng m  
RT: 7.869 min Scan# 983  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Tgt Ion:122 Resp: 357802  
Ion Ratio Lower Upper  
122 100  
105 117.4 87.5 127.5  
77 87.9 71.4 111.4





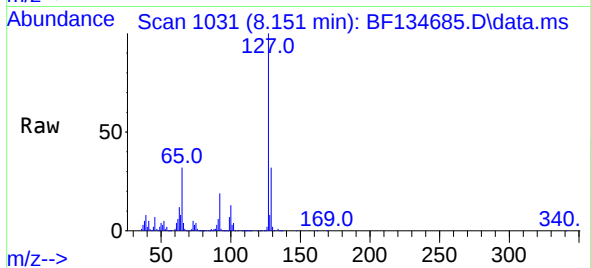
#33  
4-Chloroaniline  
Concen: 23.555 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Instrument :

BNA\_F

ClientSampleId :

ETGI-368MSD

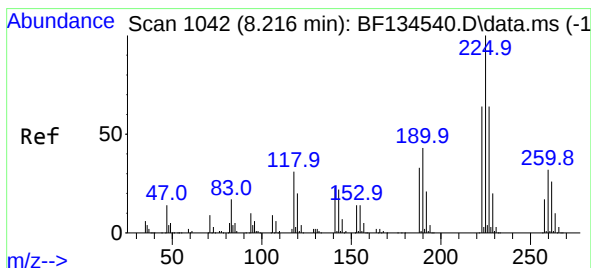
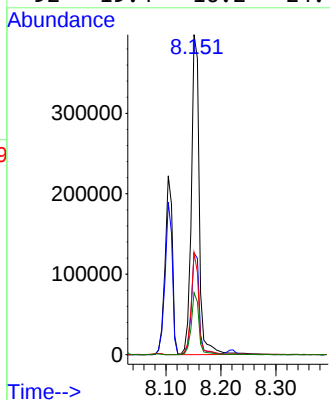
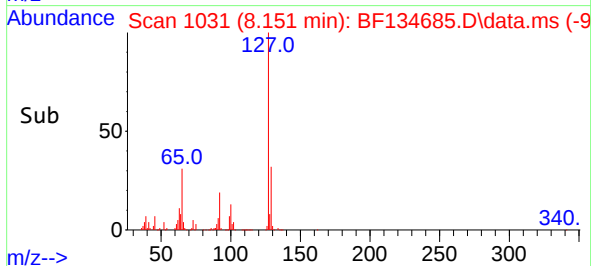


Tgt Ion:127 Resp: 395589  
Ion Ratio Lower Upper  
127 100  
129 31.8 25.6 38.4  
65 31.9 25.4 38.0  
92 19.4 16.2 24.4

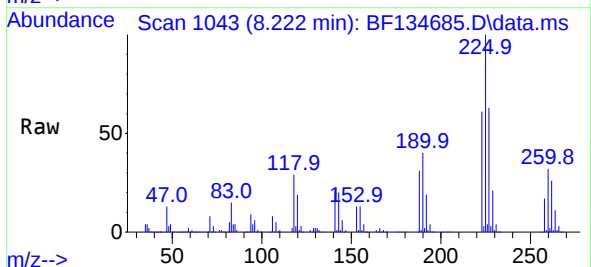
Manual Integrations

APPROVED

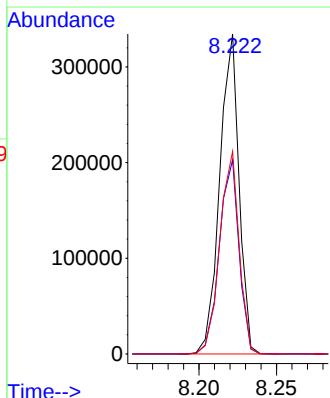
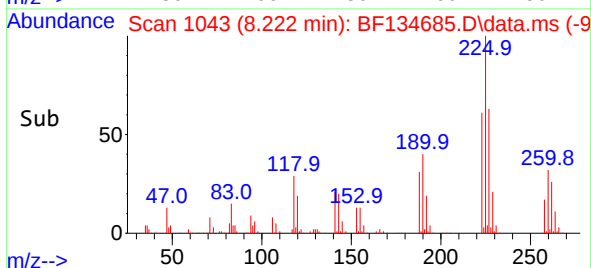
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

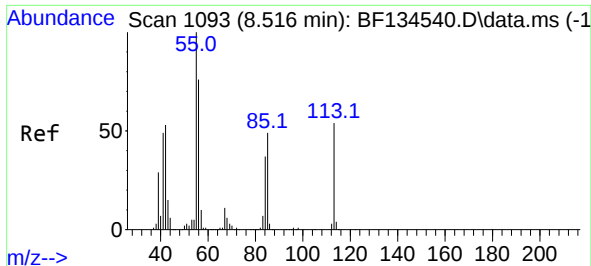


#34  
Hexachlorobutadiene  
Concen: 44.353 ng  
RT: 8.222 min Scan# 1043  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05



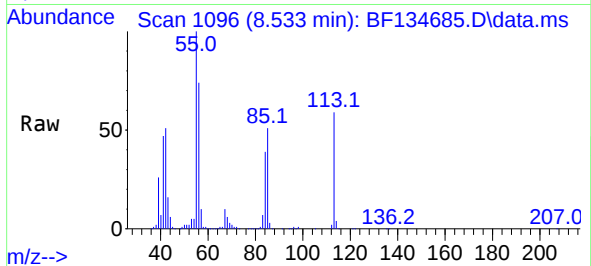
Tgt Ion:225 Resp: 289186  
Ion Ratio Lower Upper  
225 100  
223 60.6 48.2 72.4  
227 63.3 48.5 72.7





#35  
Caprolactam  
Concen: 45.013 ng m  
RT: 8.533 min Scan# 1096  
Delta R.T. -0.000 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

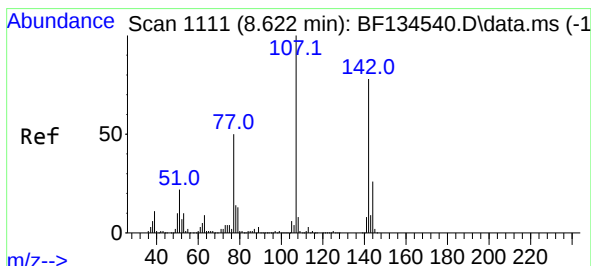
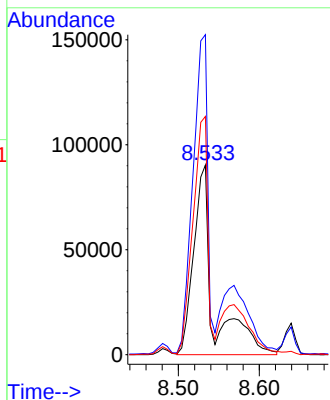
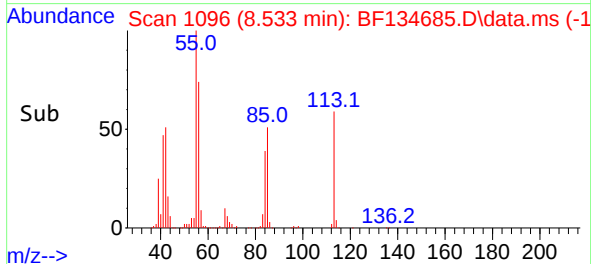
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-368MSD



Tgt Ion:113 Resp: 153938  
Ion Ratio Lower Upper  
113 100  
55 168.7 161.5 201.5  
56 125.6 117.8 157.8

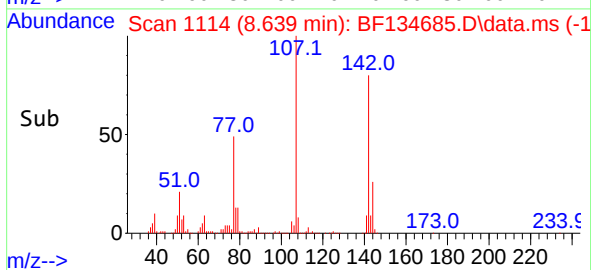
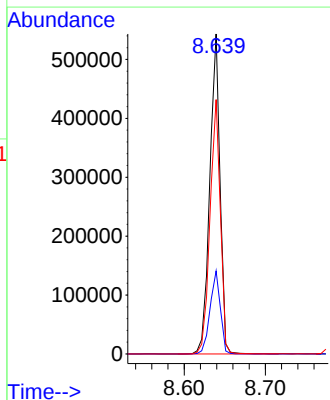
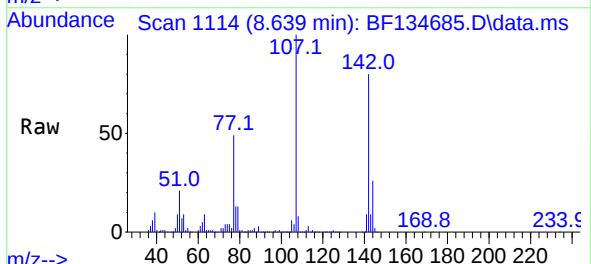
Manual Integrations  
APPROVED

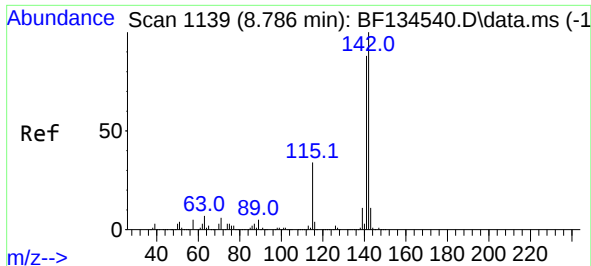
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023



#36  
4-Chloro-3-methylphenol  
Concen: 42.296 ng  
RT: 8.639 min Scan# 1114  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Tgt Ion:107 Resp: 474810  
Ion Ratio Lower Upper  
107 100  
144 25.9 19.6 29.4  
142 79.5 57.7 86.5





#37

2-Methylnaphthalene

Concen: 39.145 ng

RT: 8.798 min Scan# 1139

Delta R.T. 0.006 min

Lab File: BF134685.D

Acq: 09 Aug 2023 12:05

Instrument :

BNA\_F

ClientSampleId :

ETGI-368MSD

Tgt Ion:142 Resp: 97798

Ion Ratio Lower Upper

142 100

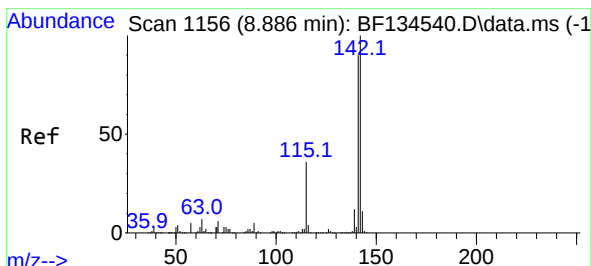
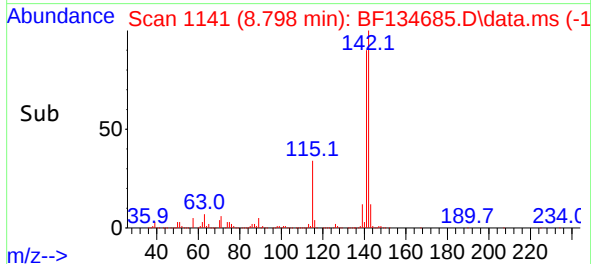
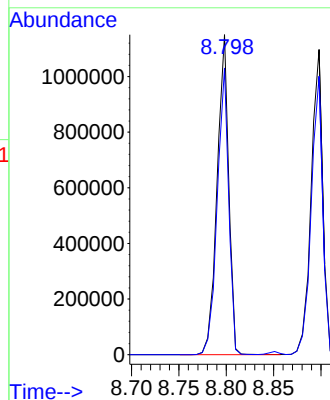
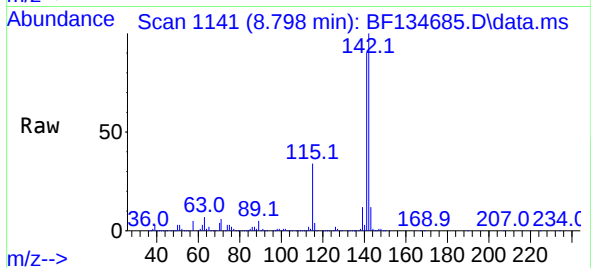
141 89.6 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2023

Supervised By :mohammad ahmed 08/10/2023



#38

1-Methylnaphthalene

Concen: 40.195 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.006 min

Lab File: BF134685.D

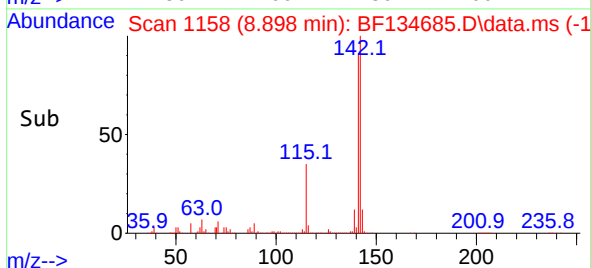
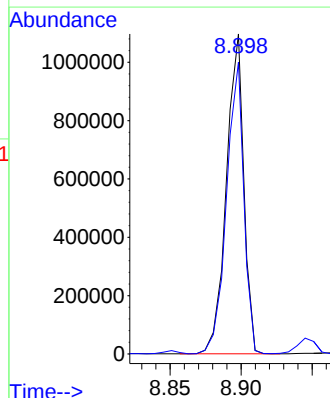
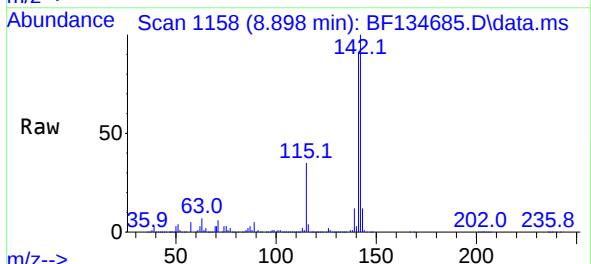
Acq: 09 Aug 2023 12:05

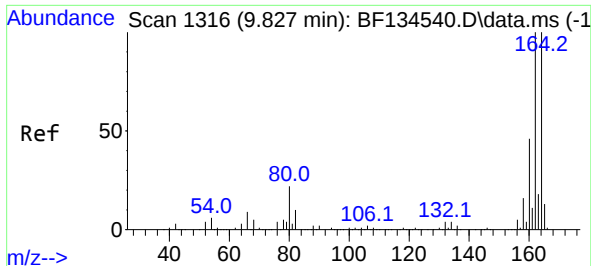
Tgt Ion:142 Resp: 933802

Ion Ratio Lower Upper

142 100

141 91.2 71.4 107.2





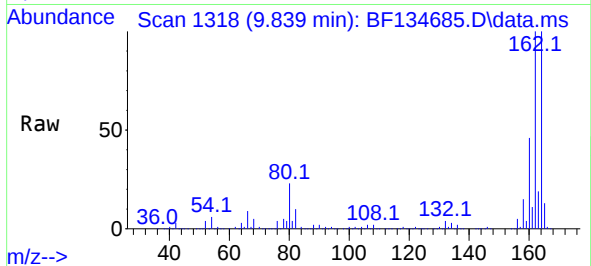
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.839 min Scan# 1169  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Instrument :

BNA\_F

ClientSampleId :

ETGI-368MSD

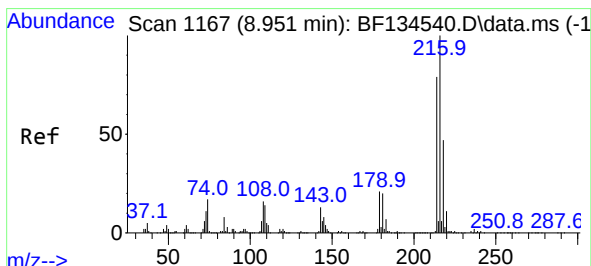
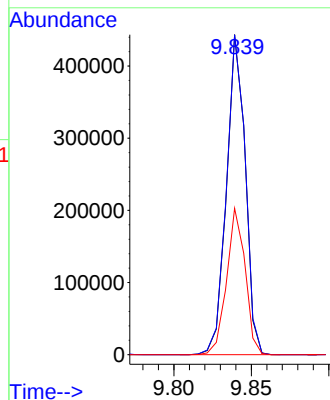
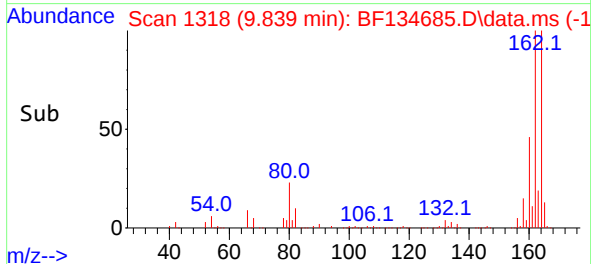


Tgt Ion:164 Resp: 372488  
Ion Ratio Lower Upper  
164 100  
162 99.9 82.6 123.8  
160 45.7 37.2 55.8

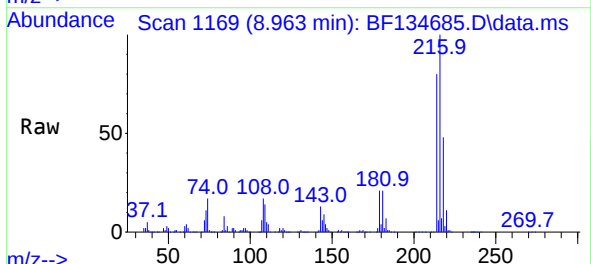
Manual Integrations

APPROVED

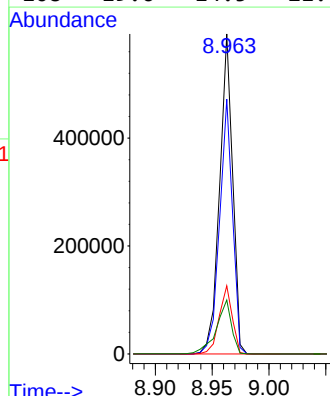
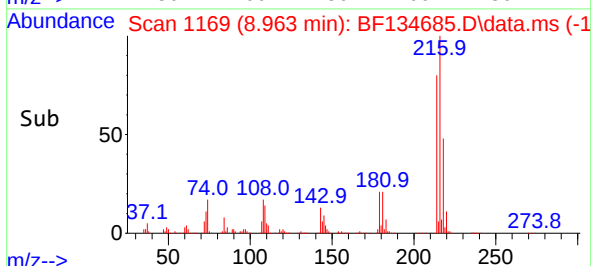
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

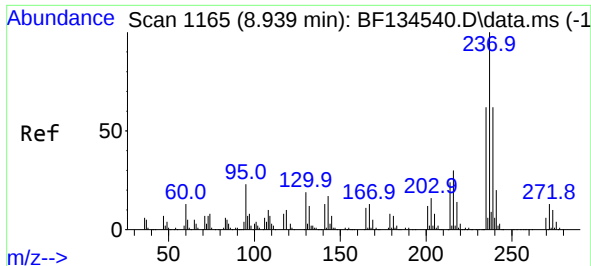


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 43.813 ng  
RT: 8.963 min Scan# 1169  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05



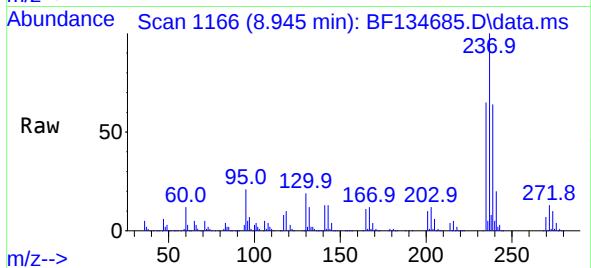
Tgt Ion:216 Resp: 474571  
Ion Ratio Lower Upper  
216 100  
214 79.0 62.3 93.5  
179 21.4 17.4 26.0  
108 19.6 14.5 21.7





#41  
Hexachlorocyclopentadiene  
Concen: 77.513 ng  
RT: 8.945 min Scan# 1166  
Delta R.T. -0.000 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

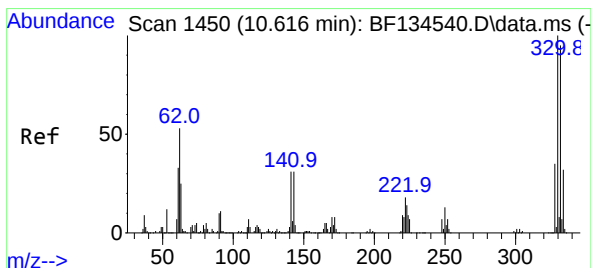
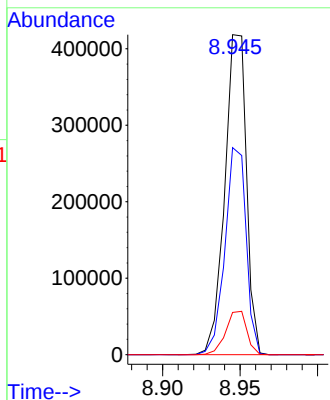
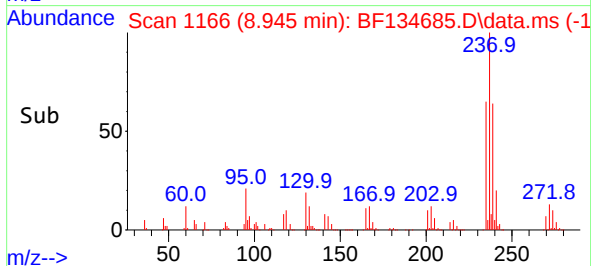
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-368MSD



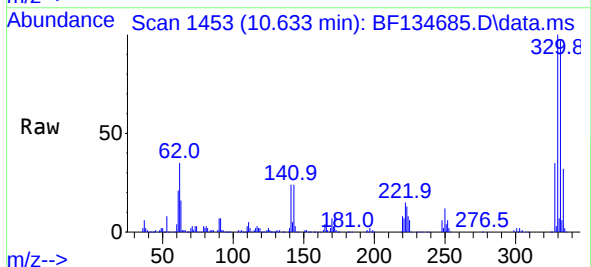
Tgt Ion:237 Resp: 408280  
Ion Ratio Lower Upper  
237 100  
235 64.7 37.0 77.0  
272 13.2 0.0 32.7

Manual Integrations  
APPROVED

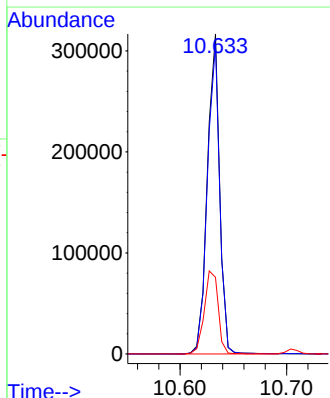
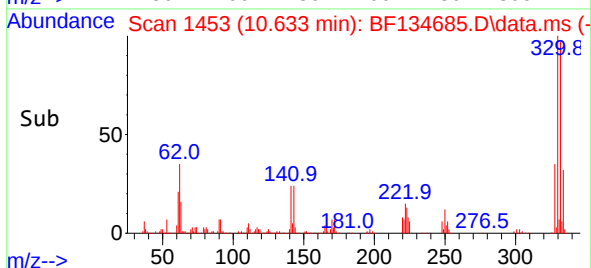
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

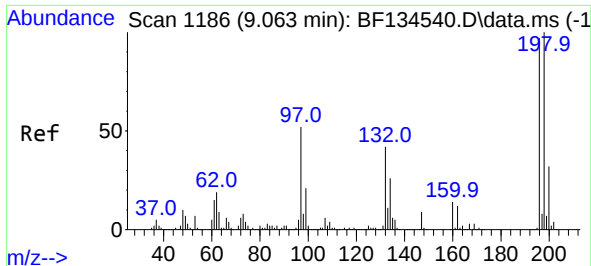


#42  
2,4,6-Tribromophenol  
Concen: 67.051 ng  
RT: 10.633 min Scan# 1453  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05



Tgt Ion:330 Resp: 254602  
Ion Ratio Lower Upper  
330 100  
332 97.3 78.8 118.2  
141 29.4 25.4 38.2





#43

2,4,6-Trichlorophenol

Concen: 45.523 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF134685.D

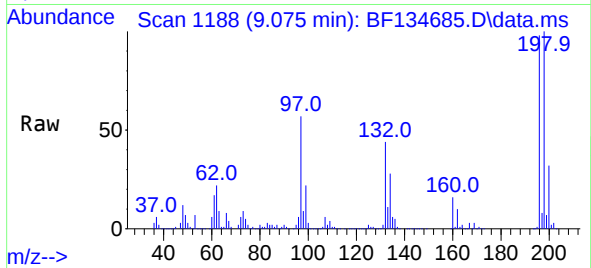
Acq: 09 Aug 2023 12:05

Instrument :

BNA\_F

ClientSampleId :

ETGI-368MSD



Tgt Ion:196 Resp: 322709

Ion Ratio Lower Upper

196 100

198 101.6 77.4 116.2

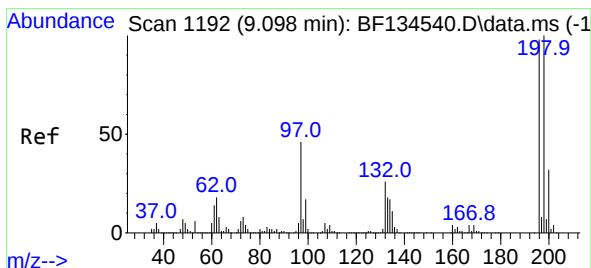
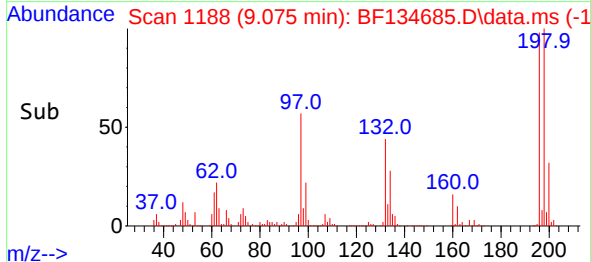
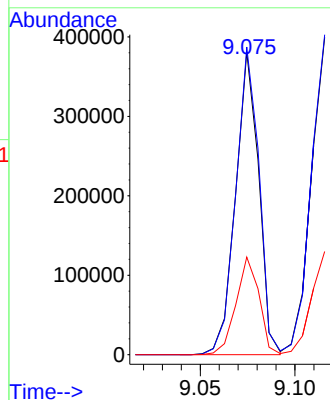
200 32.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2023

Supervised By :mohammad ahmed 08/10/2023



#44

2,4,5-Trichlorophenol

Concen: 41.760 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF134685.D

Acq: 09 Aug 2023 12:05

Tgt Ion:196 Resp: 338339

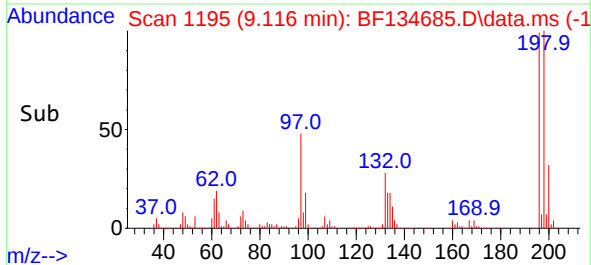
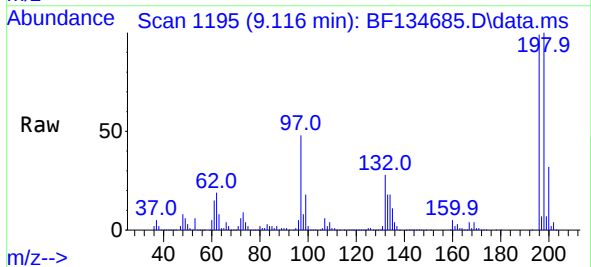
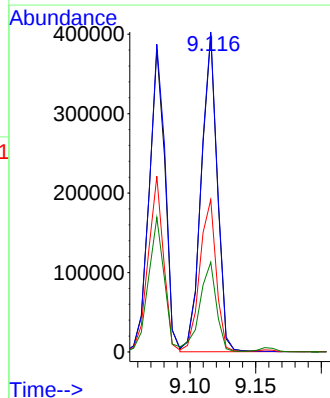
Ion Ratio Lower Upper

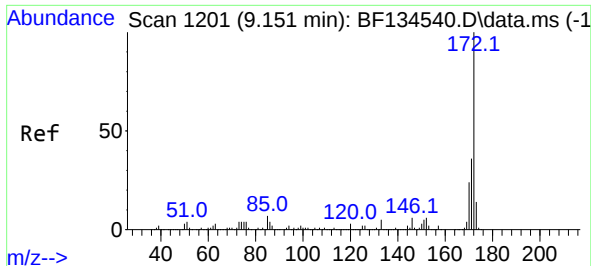
196 100

198 100.8 73.0 109.4

97 48.0 40.8 61.2

132 28.3 23.3 34.9





#45  
2-Fluorobiphenyl  
Concen: 50.931 ng  
RT: 9.163 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Instrument :

BNA\_F

ClientSampleId :

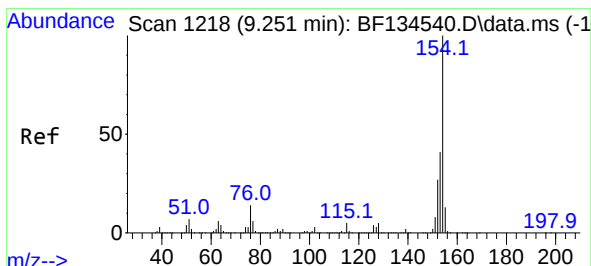
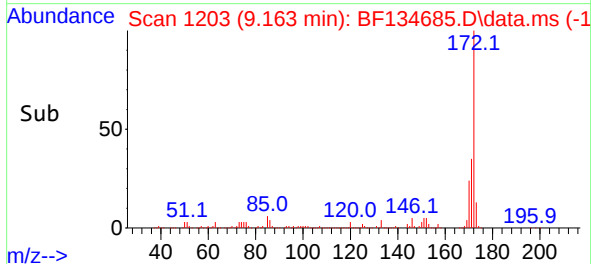
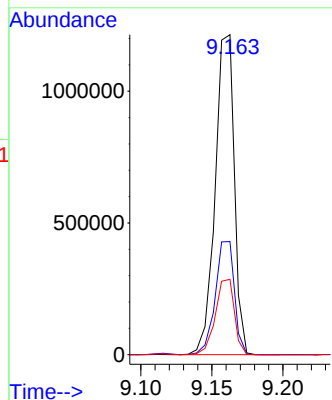
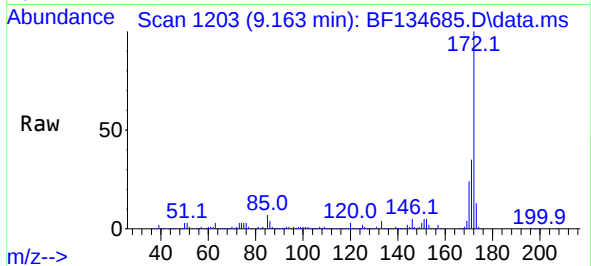
ETGI-368MSD

Tgt Ion:172 Resp: 1140980  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.8 43.2  
170 23.6 18.7 28.1

Manual Integrations

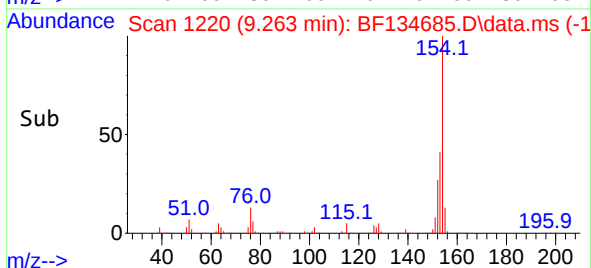
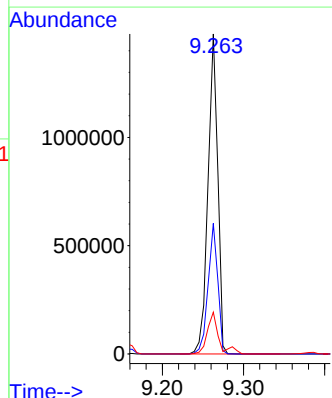
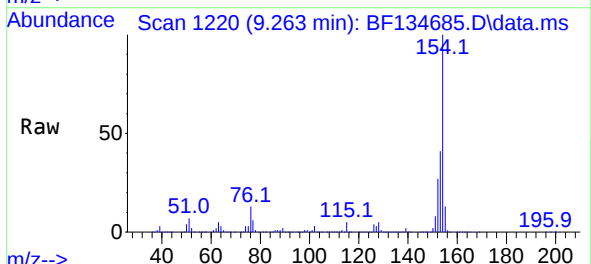
APPROVED

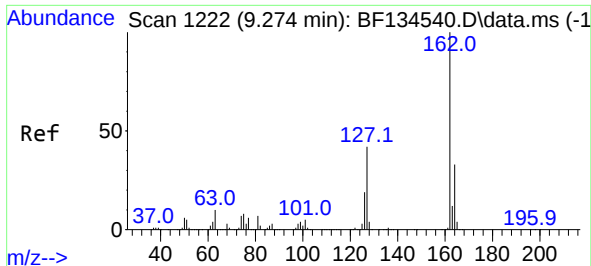
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023



#46  
1,1'-Biphenyl  
Concen: 42.380 ng  
RT: 9.263 min Scan# 1220  
Delta R.T. -0.000 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Tgt Ion:154 Resp: 1227557  
Ion Ratio Lower Upper  
154 100  
153 40.8 20.8 60.8  
76 13.1 0.0 30.2





#47  
2-Chloronaphthalene  
Concen: 43.366 ng  
RT: 9.286 min Scan# 1224  
Delta R.T. -0.000 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Instrument :

BNA\_F

ClientSampleId :

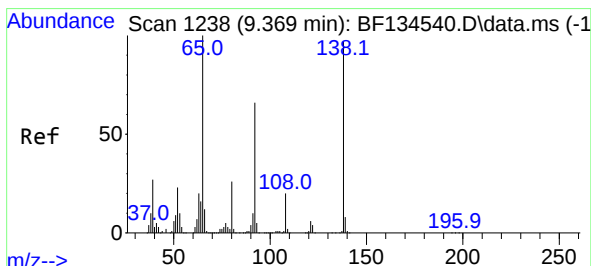
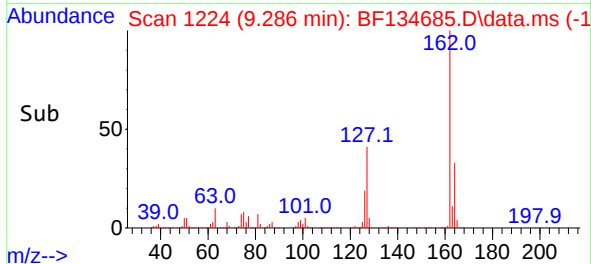
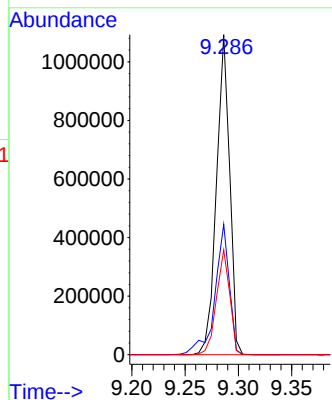
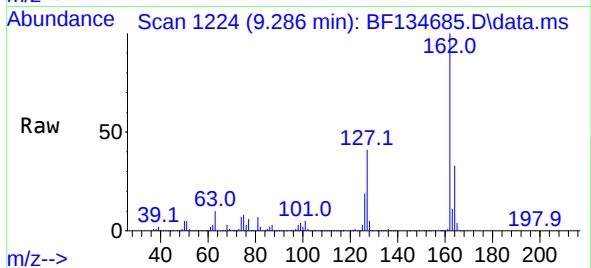
ETGI-368MSD

Tgt Ion:162 Resp: 941200  
Ion Ratio Lower Upper  
162 100  
127 40.8 34.0 51.0  
164 32.8 25.7 38.5

Manual Integrations

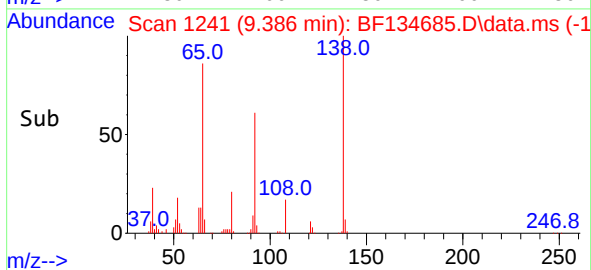
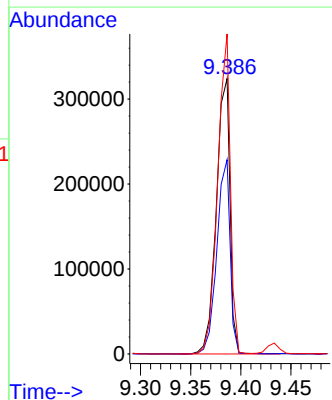
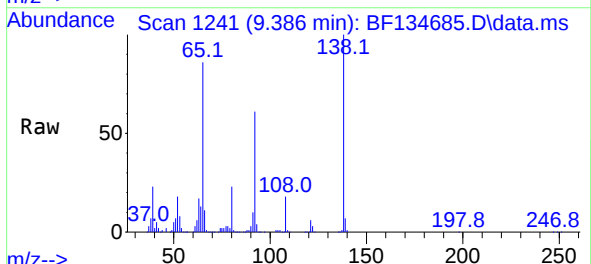
APPROVED

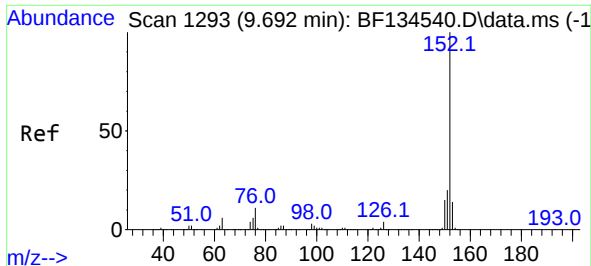
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023



#48  
2-Nitroaniline  
Concen: 45.463 ng  
RT: 9.386 min Scan# 1241  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Tgt Ion: 65 Resp: 306415  
Ion Ratio Lower Upper  
65 100  
92 70.5 50.7 76.1  
138 116.2 78.2 117.4





#49

Acenaphthylene

Concen: 42.208 ng

RT: 9.704 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF134685.D

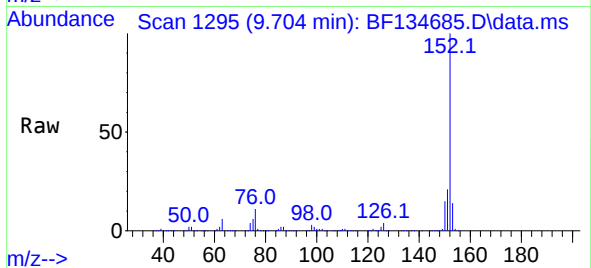
Acq: 09 Aug 2023 12:05

Instrument :

BNA\_F

ClientSampleId :

ETGI-368MSD



Tgt Ion:152 Resp: 144000

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

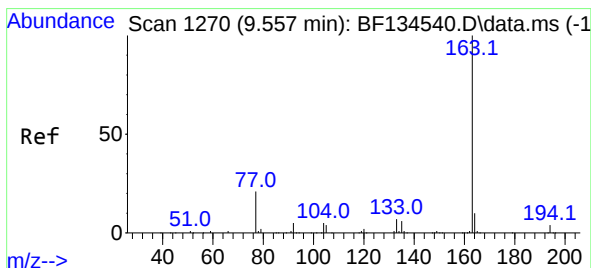
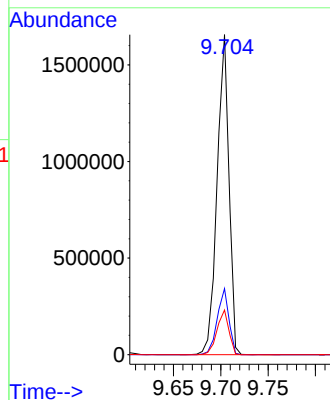
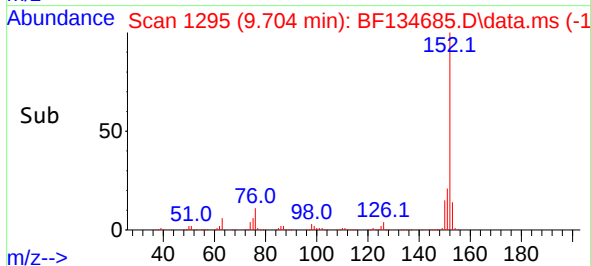
153 14.0 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2023

Supervised By :mohammad ahmed 08/10/2023



#50

Dimethylphthalate

Concen: 43.525 ng

RT: 9.569 min Scan# 1272

Delta R.T. -0.000 min

Lab File: BF134685.D

Acq: 09 Aug 2023 12:05

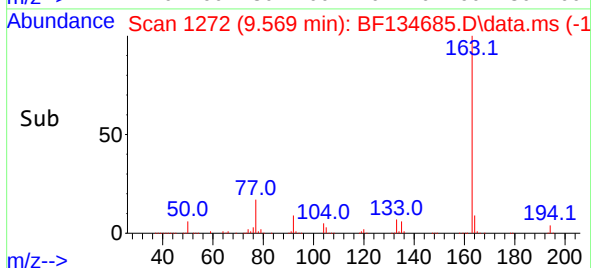
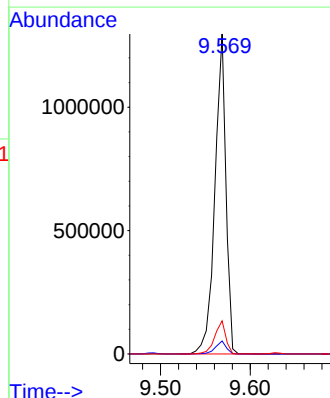
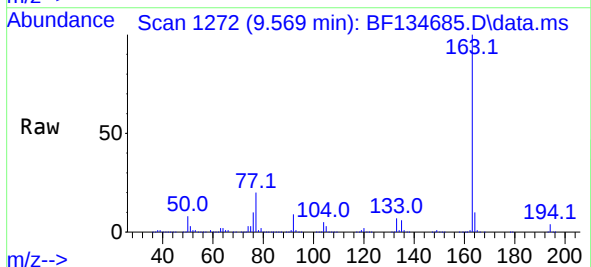
Tgt Ion:163 Resp: 1104989

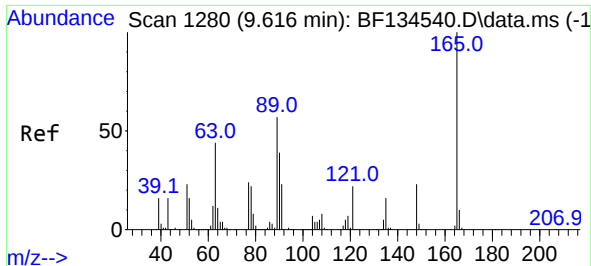
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.3 7.5 11.3





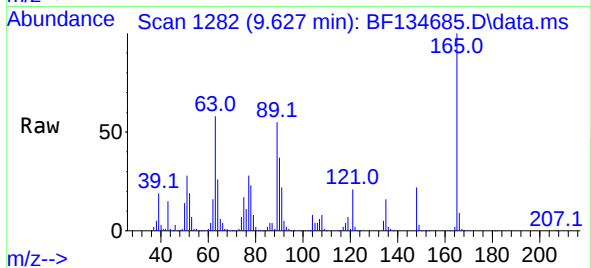
#51  
2,6-Dinitrotoluene  
Concen: 48.107 ng  
RT: 9.627 min Scan# 1282  
Delta R.T. -0.000 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Instrument :

BNA\_F

ClientSampleId :

ETGI-368MSD

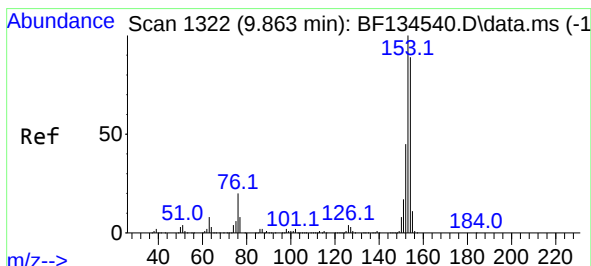
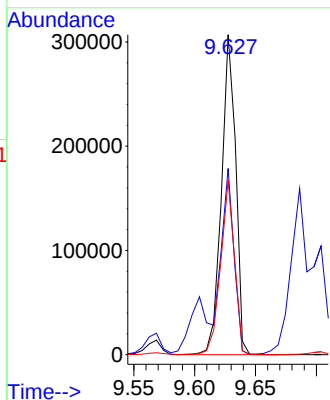
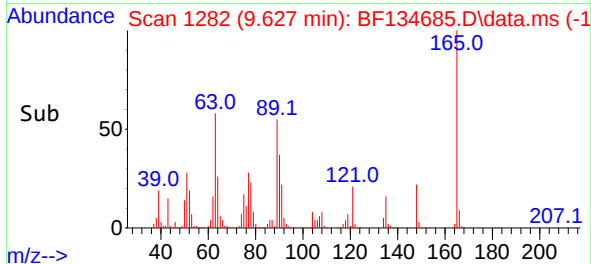


Tgt Ion:165 Resp: 250270  
Ion Ratio Lower Upper  
165 100  
63 58.2 57.8 86.6  
89 54.5 51.8 77.8

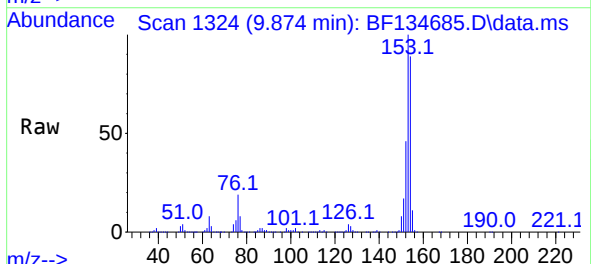
Manual Integrations

APPROVED

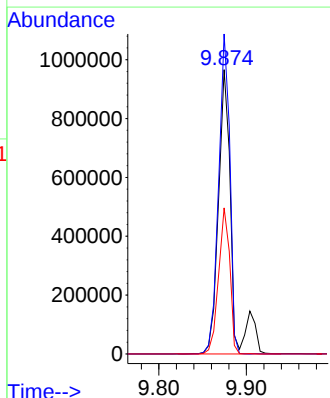
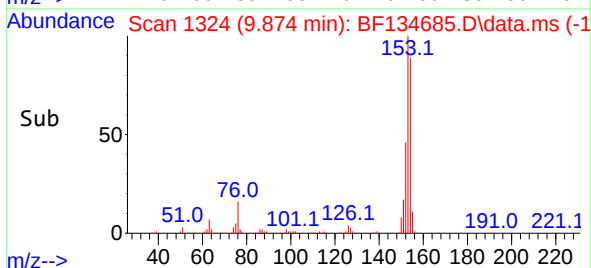
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

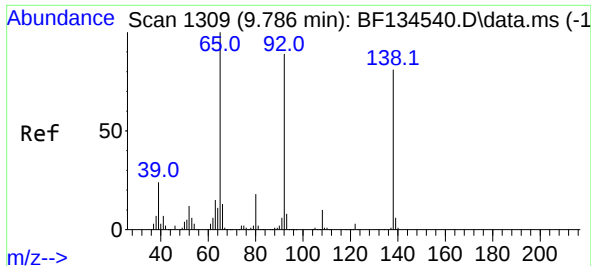


#52  
Acenaphthene  
Concen: 44.664 ng m  
RT: 9.874 min Scan# 1324  
Delta R.T. -0.000 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05



Tgt Ion:154 Resp: 987483  
Ion Ratio Lower Upper  
154 100  
153 112.6 90.0 135.0  
152 51.4 42.4 63.6





#53  
3-Nitroaniline  
Concen: 38.999 ng  
RT: 9.798 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Instrument :

BNA\_F

ClientSampleId :

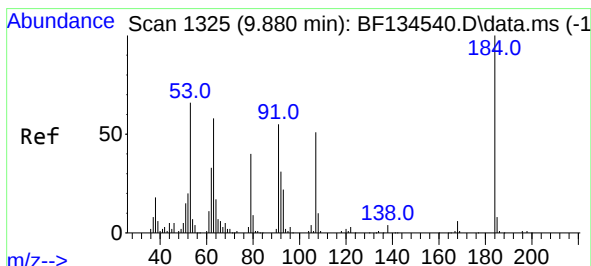
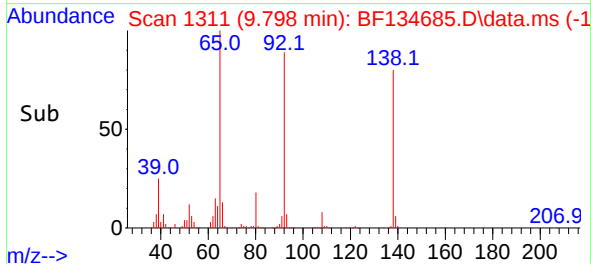
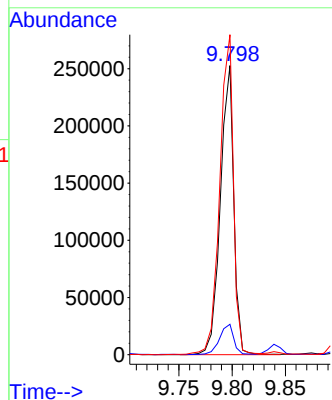
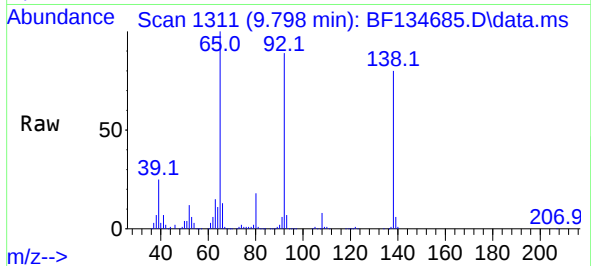
ETGI-368MSD

Tgt Ion:138 Resp: 22068  
Ion Ratio Lower Upper  
138 100  
108 10.5 9.3 13.9  
92 110.7 86.6 129.8

Manual Integrations

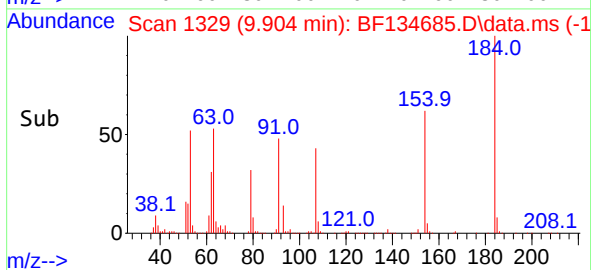
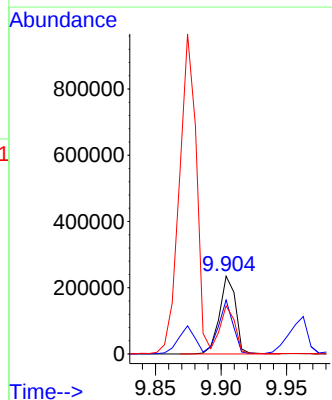
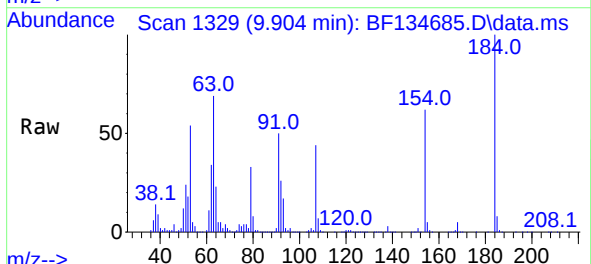
APPROVED

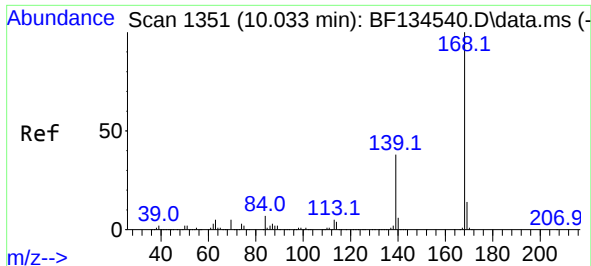
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023



#54  
2,4-Dinitrophenol  
Concen: 91.807 ng  
RT: 9.904 min Scan# 1329  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Tgt Ion:184 Resp: 201719  
Ion Ratio Lower Upper  
184 100  
63 69.3 57.1 85.7  
154 62.0 59.1 88.7





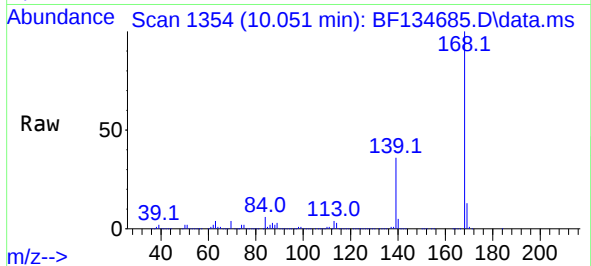
#55  
Dibenzenofuran  
Concen: 40.474 ng  
RT: 10.051 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Instrument :

BNA\_F

ClientSampleId :

ETGI-368MSD

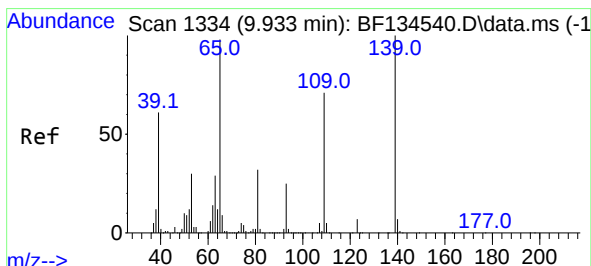
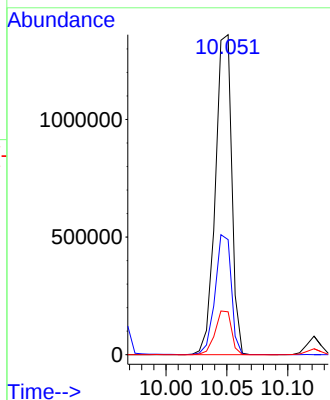
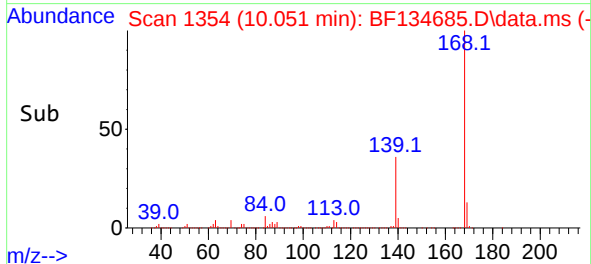


Tgt Ion:168 Resp: 1273860  
Ion Ratio Lower Upper  
168 100  
139 36.0 33.4 50.2  
169 13.4 10.6 15.8

Manual Integrations

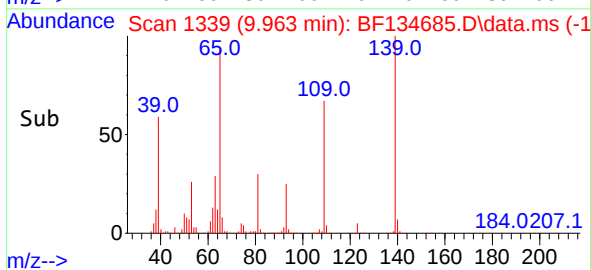
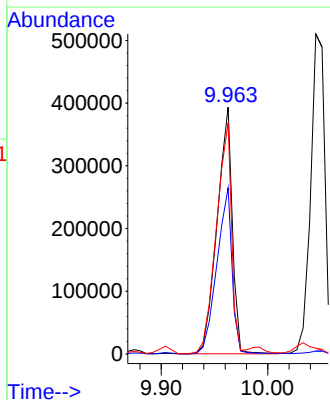
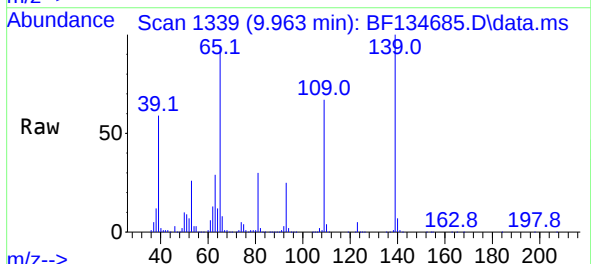
APPROVED

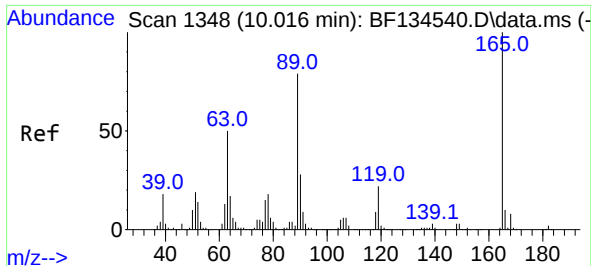
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023



#56  
4-Nitrophenol  
Concen: 83.976 ng  
RT: 9.963 min Scan# 1339  
Delta R.T. 0.012 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Tgt Ion:139 Resp: 388647  
Ion Ratio Lower Upper  
139 100  
109 67.3 76.9 116.9#  
65 93.7 98.5 138.5#





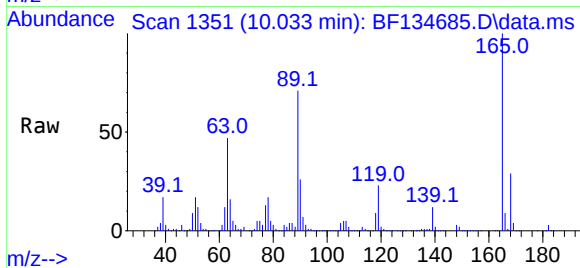
#57  
2,4-Dinitrotoluene  
Concen: 49.068 ng  
RT: 10.033 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Instrument :

BNA\_F

ClientSampleId :

ETGI-368MSD

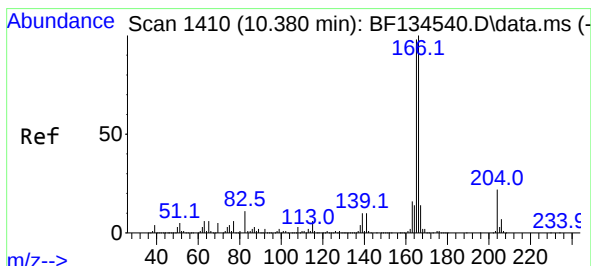
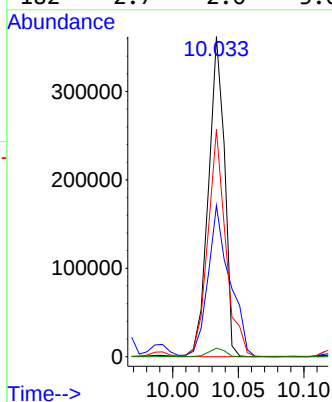
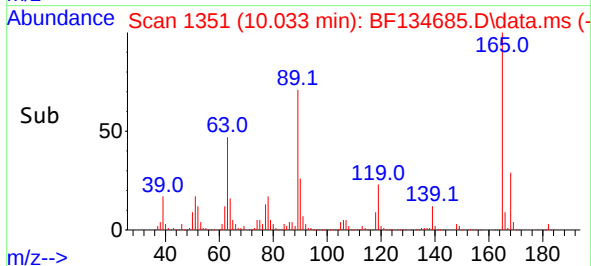


Tgt Ion:165 Resp: 308711  
Ion Ratio Lower Upper  
165 100  
63 47.3 48.9 73.3  
89 71.0 61.7 92.5  
182 2.7 2.0 3.0

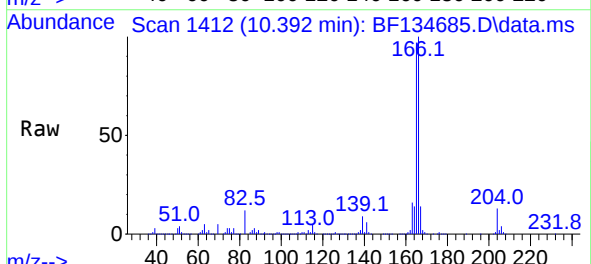
Manual Integrations

APPROVED

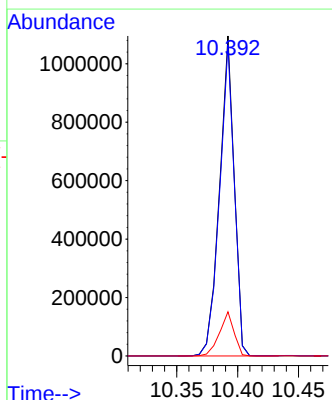
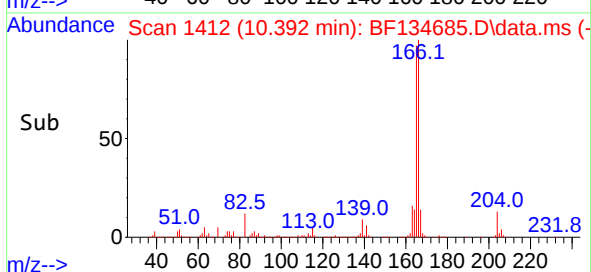
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

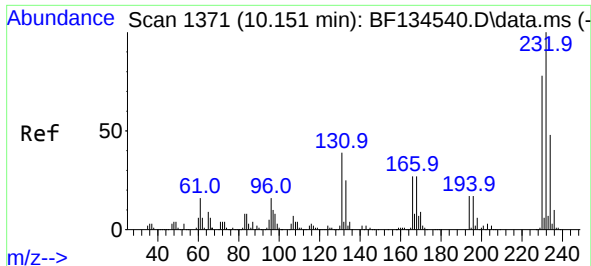


#58  
Fluorene  
Concen: 40.284 ng  
RT: 10.392 min Scan# 1412  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05



Tgt Ion:166 Resp: 923499  
Ion Ratio Lower Upper  
166 100  
165 97.3 74.5 111.7  
167 13.8 10.6 16.0





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.933 ng  
RT: 10.169 min Scan# 1374  
Delta R.T. 0.012 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Instrument :

BNA\_F

ClientSampleId :

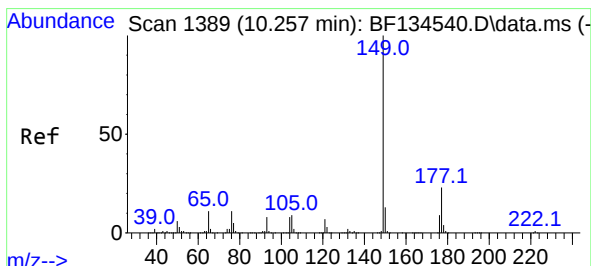
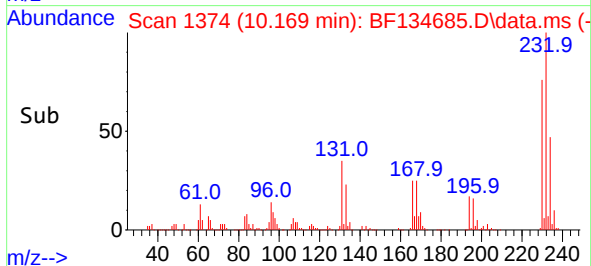
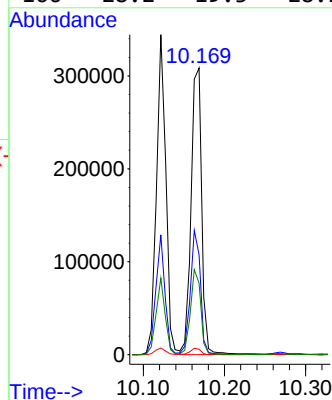
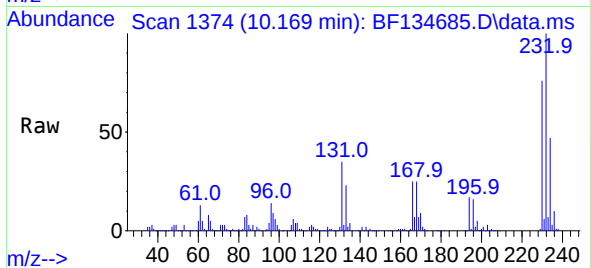
ETGI-368MSD

Tgt Ion:232 Resp: 28160  
Ion Ratio Lower Upper  
232 100  
131 40.8 33.4 50.0  
130 2.2 1.8 2.6  
166 28.2 19.3 28.9

Manual Integrations

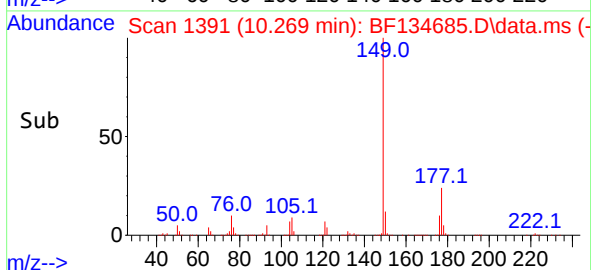
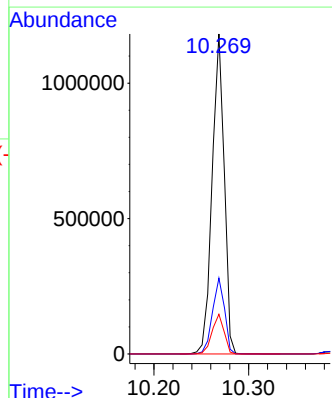
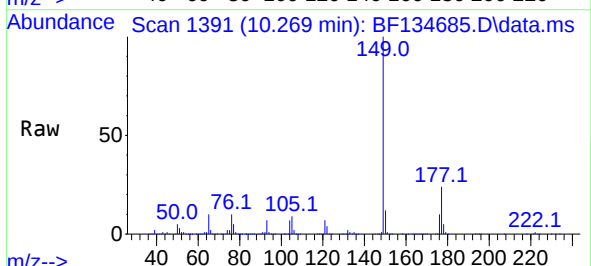
APPROVED

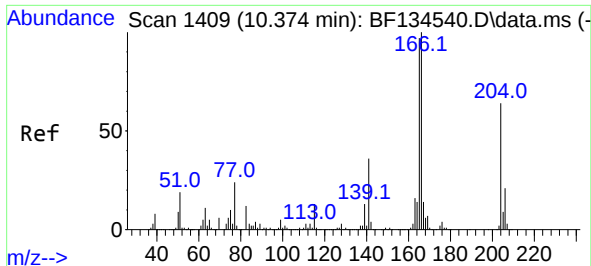
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023



#60  
Diethylphthalate  
Concen: 43.267 ng  
RT: 10.269 min Scan# 1391  
Delta R.T. -0.000 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Tgt Ion:149 Resp: 1041178  
Ion Ratio Lower Upper  
149 100  
177 23.7 17.0 25.4  
150 12.4 9.9 14.9





#61  
4-Chlorophenyl-phenylether  
Concen: 41.661 ng  
RT: 10.386 min Scan# 1411  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Instrument :

BNA\_F

ClientSampleId :

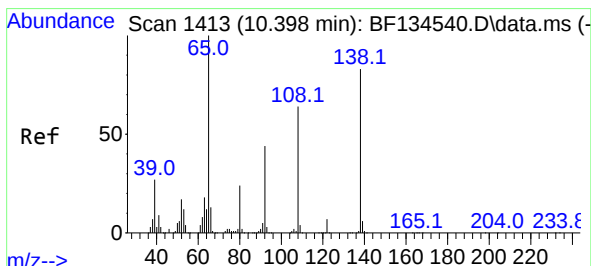
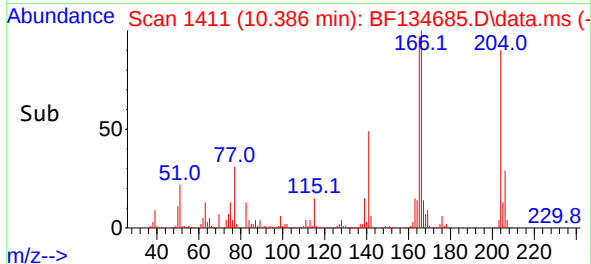
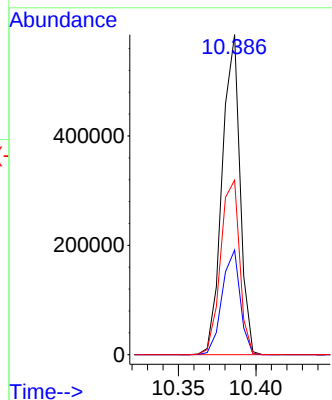
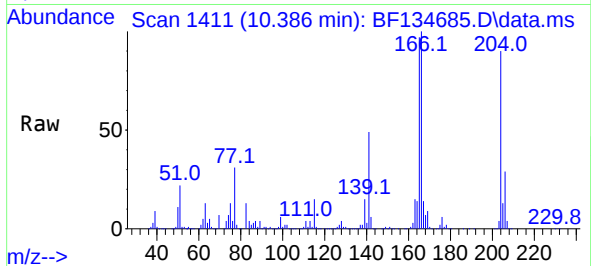
ETGI-368MSD

Tgt Ion:204 Resp: 46944  
Ion Ratio Lower Upper  
204 100  
206 32.7 26.0 39.0  
141 54.6 52.2 78.4

Manual Integrations

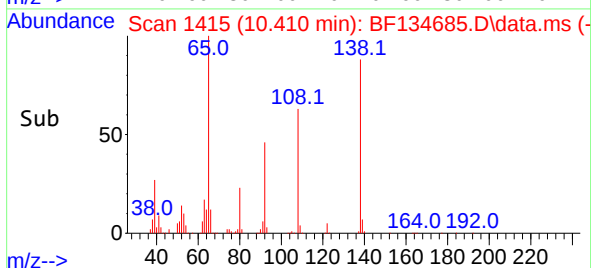
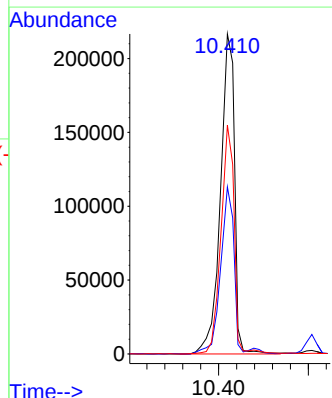
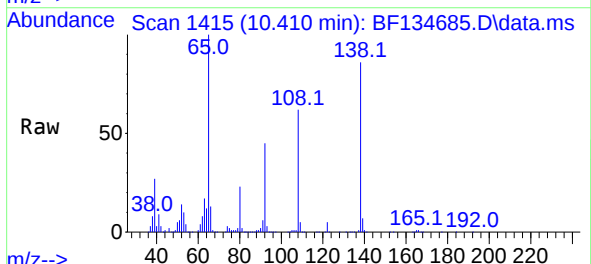
APPROVED

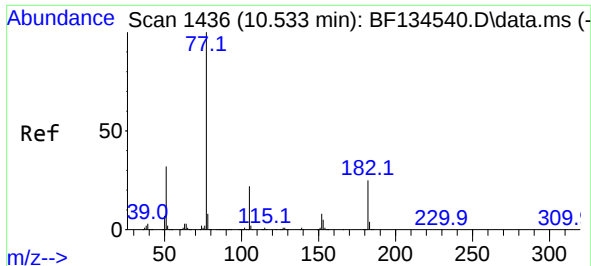
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023



#62  
4-Nitroaniline  
Concen: 42.530 ng  
RT: 10.410 min Scan# 1415  
Delta R.T. -0.000 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

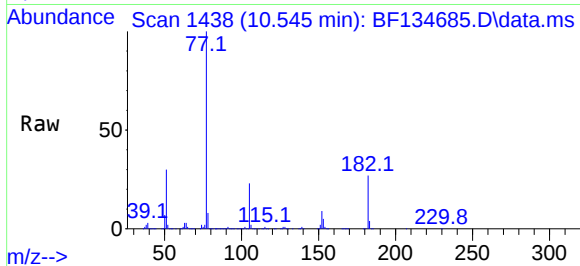
Tgt Ion:138 Resp: 235887  
Ion Ratio Lower Upper  
138 100  
92 52.2 27.0 67.0  
108 71.5 70.4 110.4





#63  
Azobenzene  
Concen: 38.640 ng  
RT: 10.545 min Scan# 1436  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

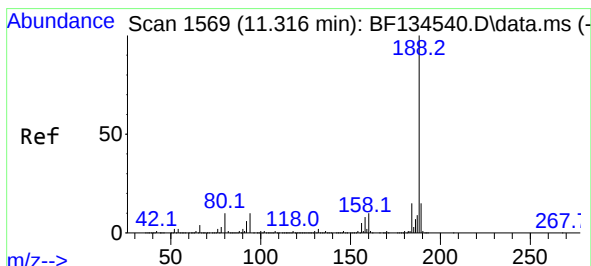
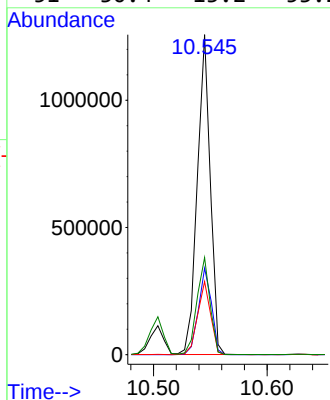
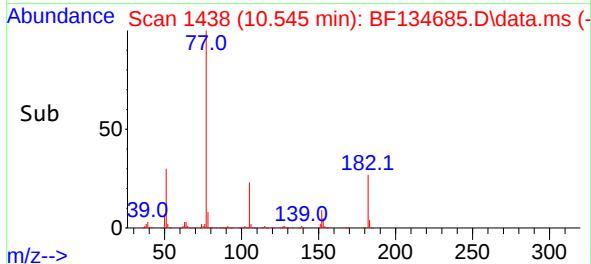
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-368MSD



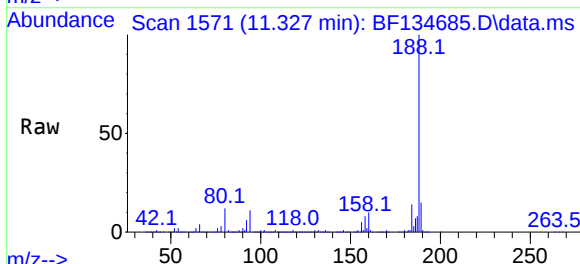
Tgt Ion: 77 Resp: 999028  
Ion Ratio Lower Upper  
77 100  
182 27.1 7.5 47.5  
105 22.8 1.9 41.9  
51 30.4 13.2 53.2

Manual Integrations  
APPROVED

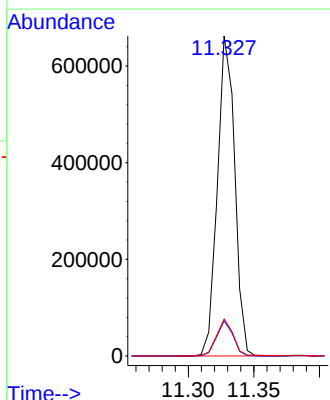
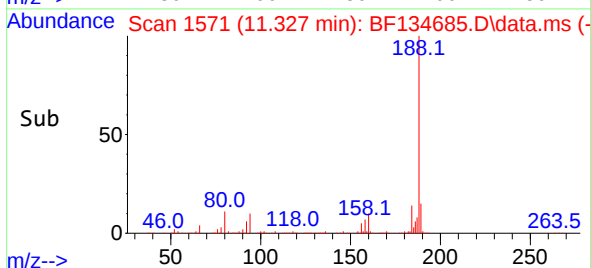
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

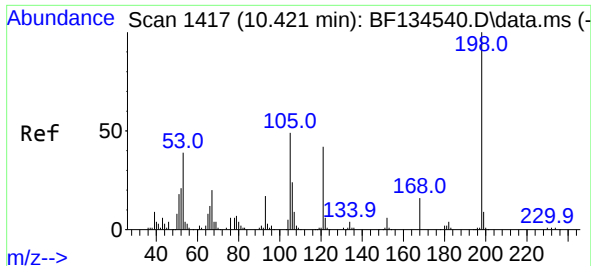


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.327 min Scan# 1571  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05



Tgt Ion:188 Resp: 607083  
Ion Ratio Lower Upper  
188 100  
94 11.0 5.1 7.7#  
80 11.5 6.6 9.8#





#65  
4,6-Dinitro-2-methylphenol  
Concen: 54.690 ng  
RT: 10.445 min Scan# 1417  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Instrument :

BNA\_F

ClientSampleId :

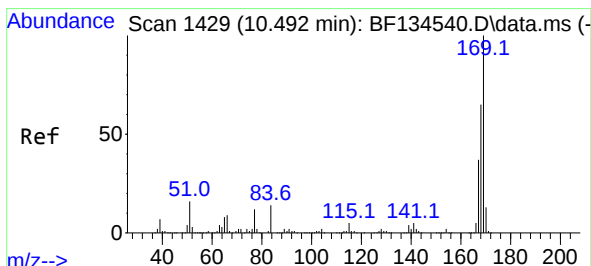
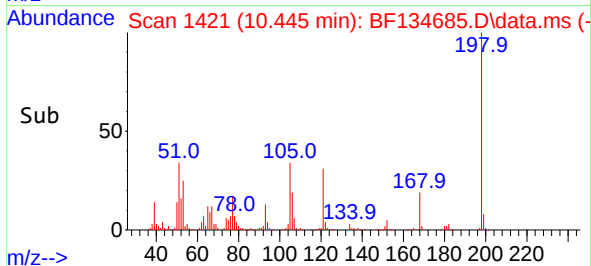
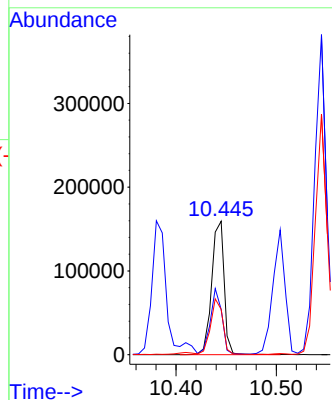
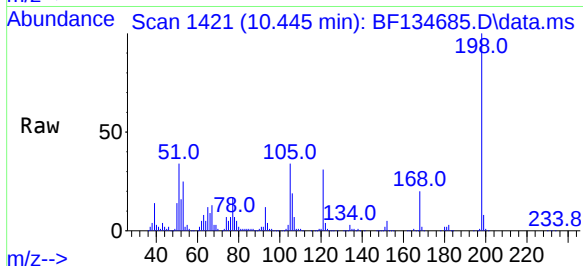
ETGI-368MSD

Tgt Ion:198 Resp: 137828  
Ion Ratio Lower Upper  
198 100  
51 33.9 38.6 78.6  
105 34.0 27.9 67.9

Manual Integrations

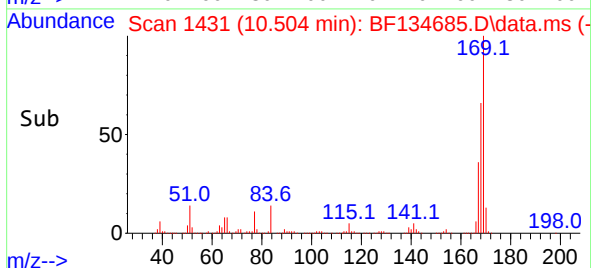
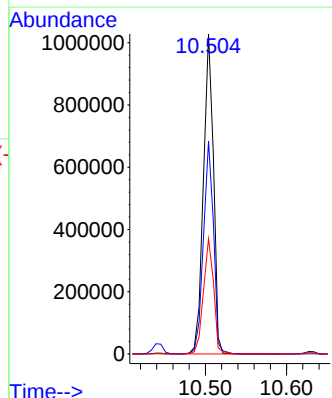
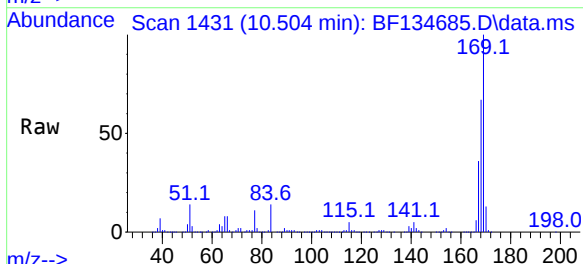
APPROVED

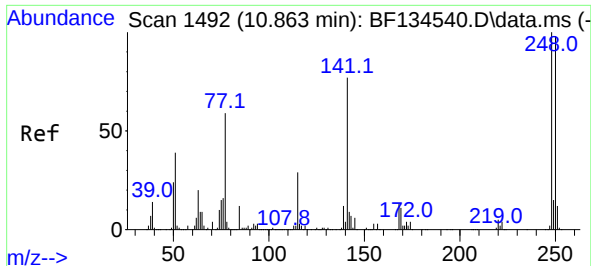
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023



#66  
n-Nitrosodiphenylamine  
Concen: 45.560 ng  
RT: 10.504 min Scan# 1431  
Delta R.T. -0.000 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Tgt Ion:169 Resp: 880359  
Ion Ratio Lower Upper  
169 100  
168 66.5 52.6 78.8  
167 36.0 29.8 44.8





#67  
4-Bromophenyl-phenylether  
Concen: 46.773 ng  
RT: 10.874 min Scan# 1492  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Instrument :

BNA\_F

ClientSampleId :

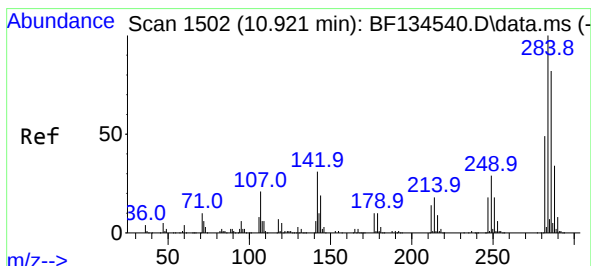
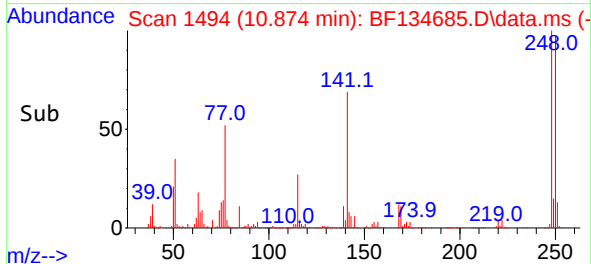
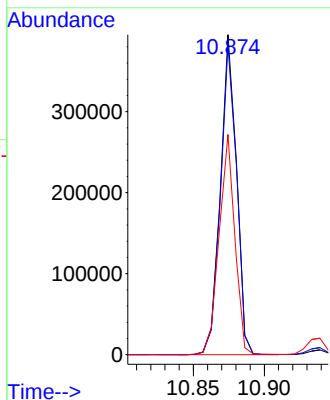
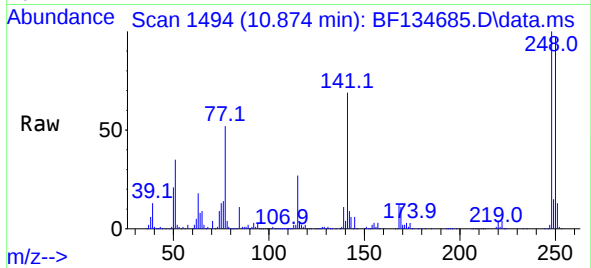
ETGI-368MSD

Tgt Ion:248 Resp: 310840  
Ion Ratio Lower Upper  
248 100  
250 96.8 79.6 119.4  
141 68.8 59.6 89.4

Manual Integrations

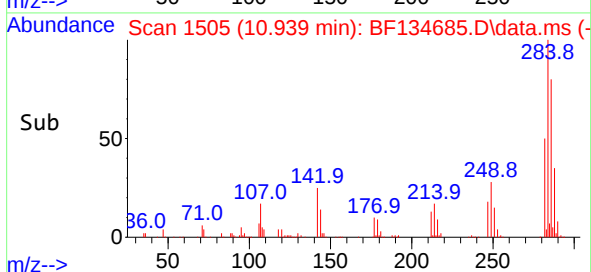
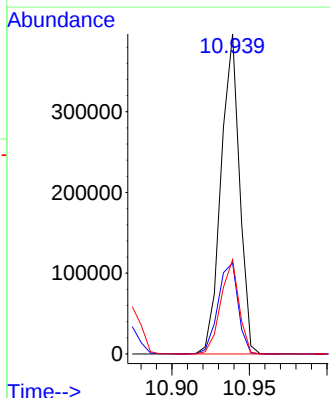
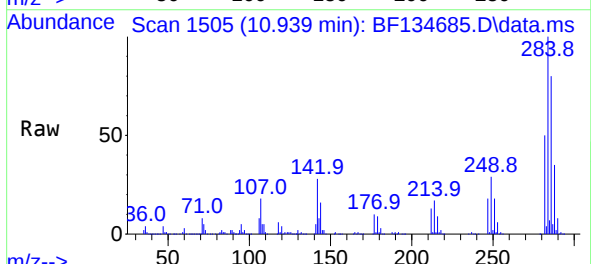
APPROVED

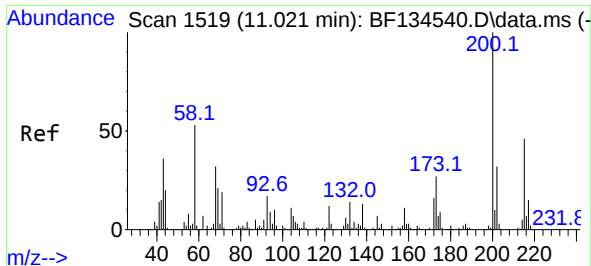
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023



#68  
Hexachlorobenzene  
Concen: 46.904 ng  
RT: 10.939 min Scan# 1505  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

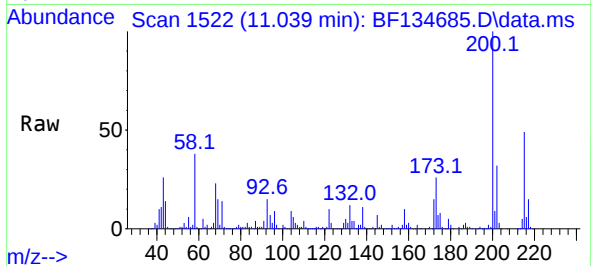
Tgt Ion:284 Resp: 329158  
Ion Ratio Lower Upper  
284 100  
142 28.5 26.5 39.7  
249 29.5 23.8 35.8





#69  
Atrazine  
Concen: 56.437 ng  
RT: 11.039 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

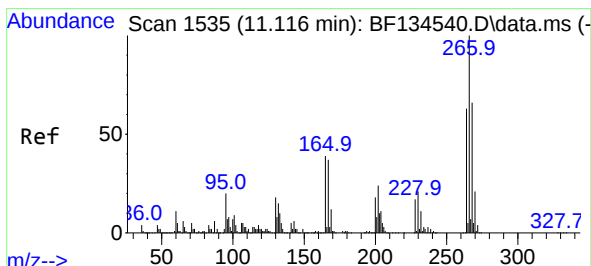
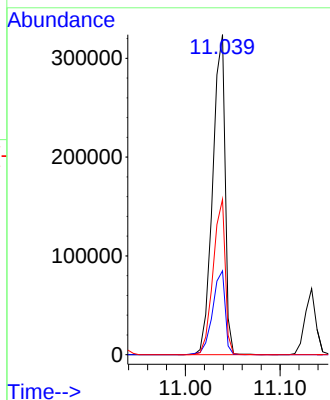
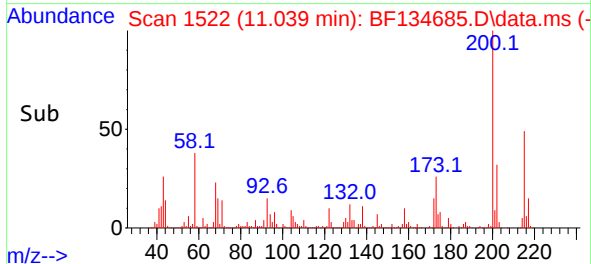
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-368MSD



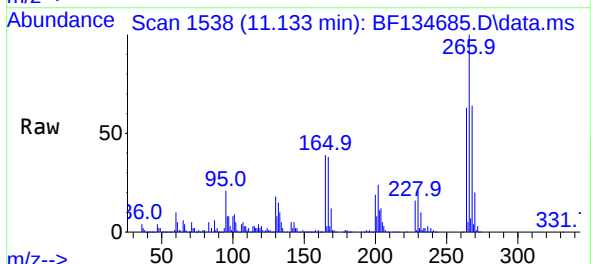
Tgt Ion:200 Resp: 293935  
Ion Ratio Lower Upper  
200 100  
173 26.2 6.1 46.1  
215 48.6 29.7 69.7

Manual Integrations  
APPROVED

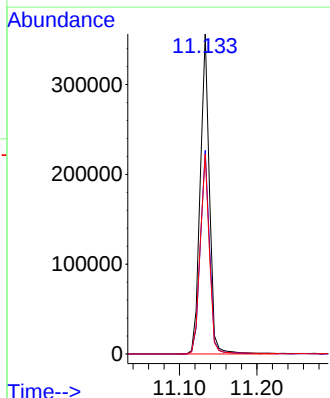
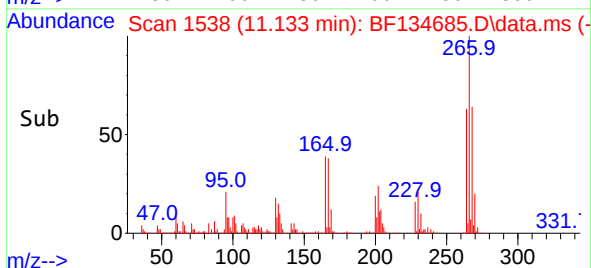
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

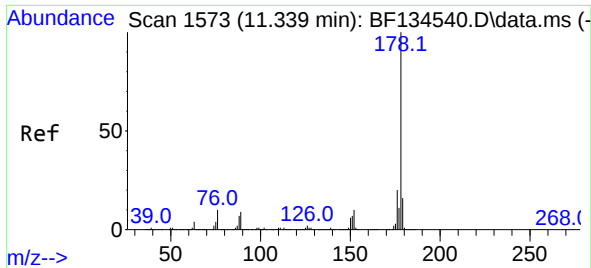


#70  
Pentachlorophenol  
Concen: 67.747 ng  
RT: 11.133 min Scan# 1538  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05



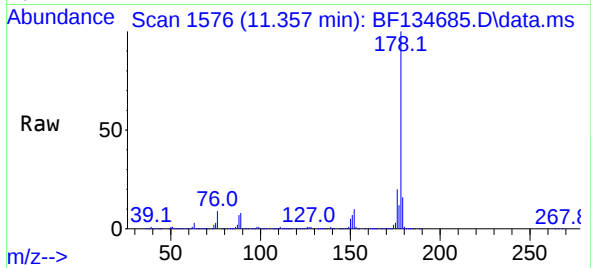
Tgt Ion:266 Resp: 294367  
Ion Ratio Lower Upper  
266 100  
268 63.6 52.9 79.3  
264 62.5 47.8 71.6





#71  
Phenanthrene  
Concen: 41.945 ng  
RT: 11.357 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

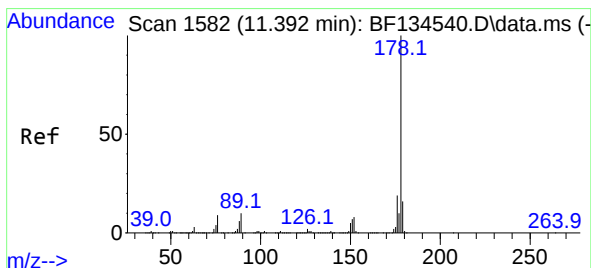
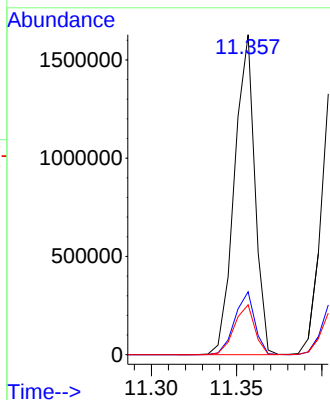
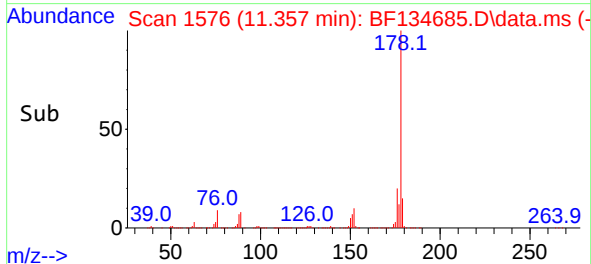
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-368MSD



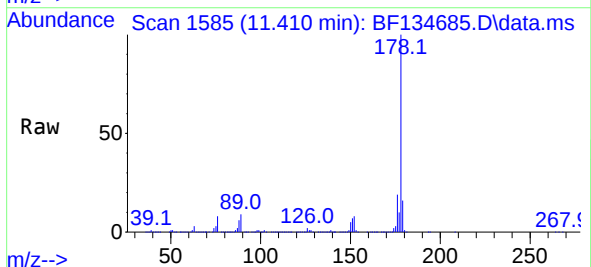
Tgt Ion:178 Resp: 1352540  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.8 23.6  
179 15.6 12.7 19.1

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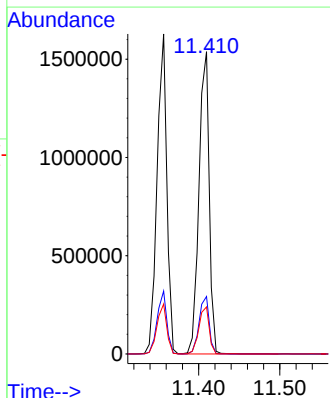
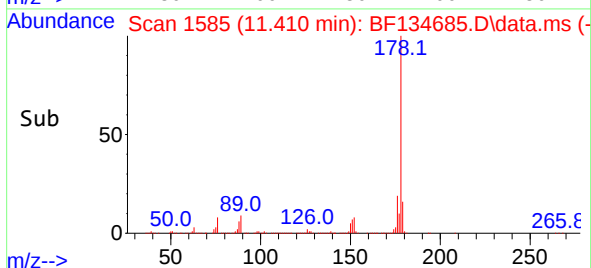
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

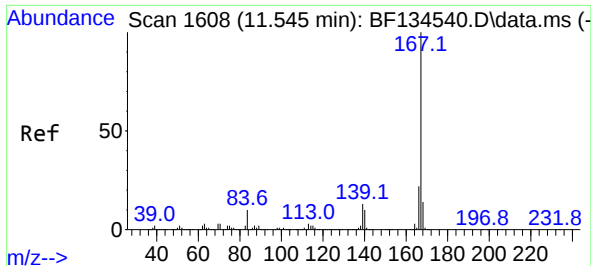


#72  
Anthracene  
Concen: 41.062 ng  
RT: 11.410 min Scan# 1585  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05



Tgt Ion:178 Resp: 1352485  
Ion Ratio Lower Upper  
178 100  
176 19.0 14.6 21.8  
179 15.6 12.3 18.5





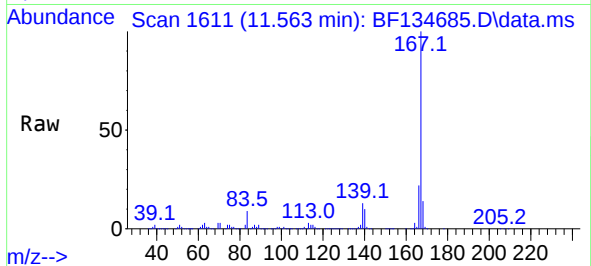
#73  
 Carbazole  
 Concen: 39.896 ng  
 RT: 11.563 min Scan# 1611  
 Delta R.T. 0.006 min  
 Lab File: BF134685.D  
 Acq: 09 Aug 2023 12:05

Instrument :

BNA\_F

ClientSampleId :

ETGI-368MSD

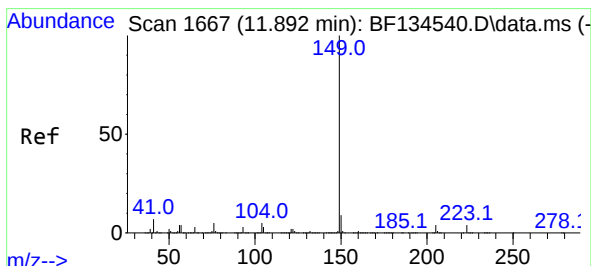
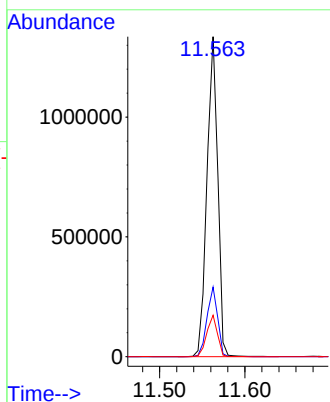
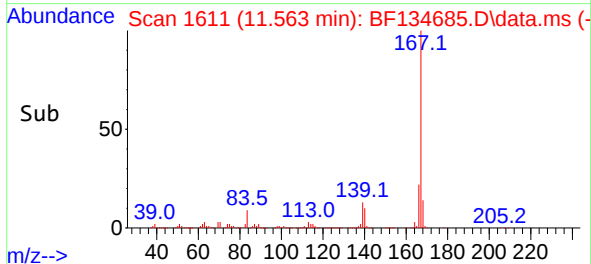


Tgt Ion:167 Resp: 1173292  
 Ion Ratio Lower Upper  
 167 100  
 166 21.7 17.5 26.3  
 139 12.9 11.0 16.4

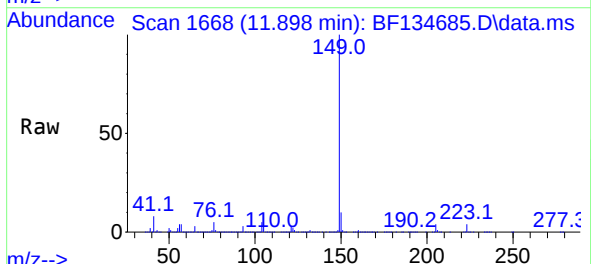
Manual Integrations

APPROVED

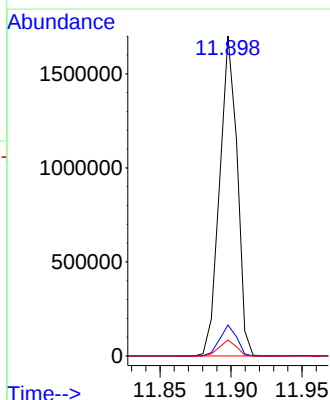
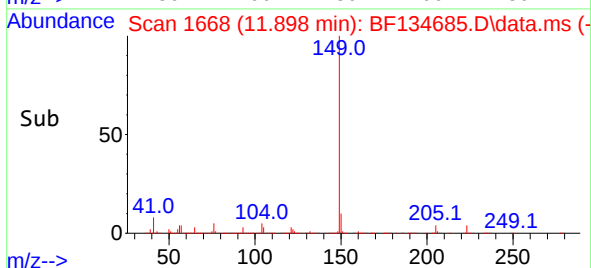
Reviewed By :Yogesh Patel 08/10/2023  
 Supervised By :mohammad ahmed 08/10/2023

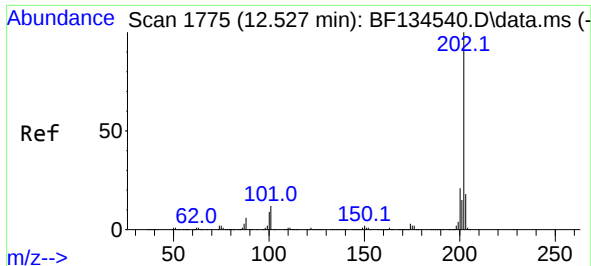


#74  
 Di-n-butylphthalate  
 Concen: 46.647 ng  
 RT: 11.898 min Scan# 1668  
 Delta R.T. -0.000 min  
 Lab File: BF134685.D  
 Acq: 09 Aug 2023 12:05



Tgt Ion:149 Resp: 1457439  
 Ion Ratio Lower Upper  
 149 100  
 150 9.6 7.2 10.8  
 104 5.0 3.8 5.8





#75  
Fluoranthene  
Concen: 37.474 ng  
RT: 12.545 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Instrument :

BNA\_F

ClientSampleId :

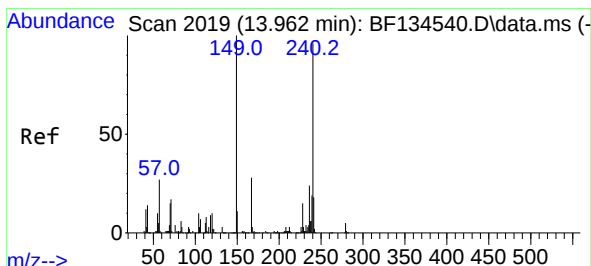
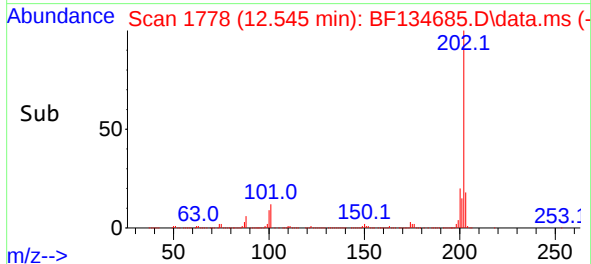
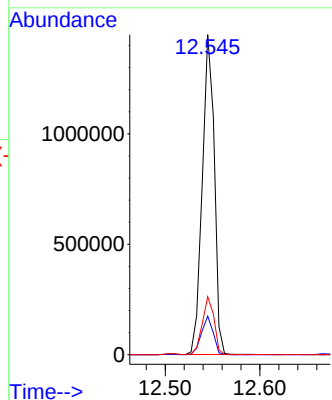
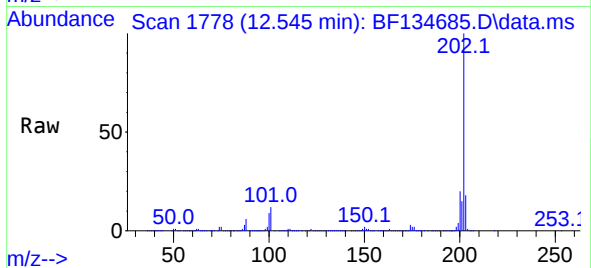
ETGI-368MSD

Tgt Ion:202 Resp: 1276428  
Ion Ratio Lower Upper  
202 100  
101 12.0 0.0 28.5  
203 18.1 0.0 37.5

Manual Integrations

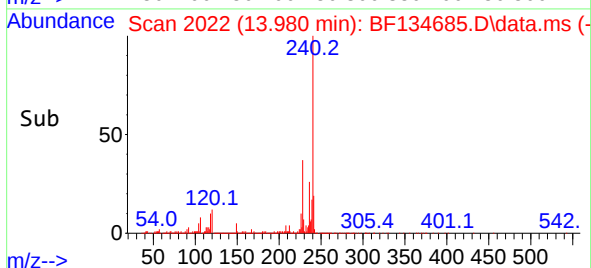
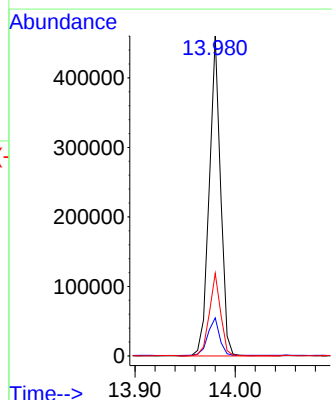
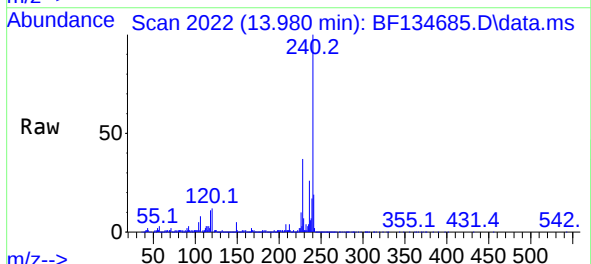
APPROVED

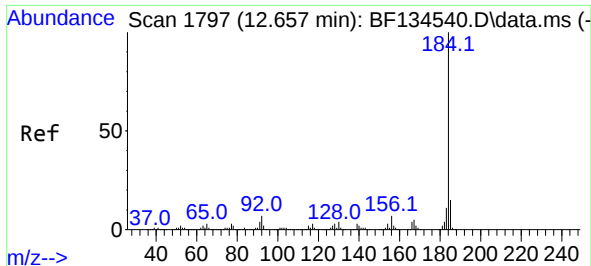
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.980 min Scan# 2022  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

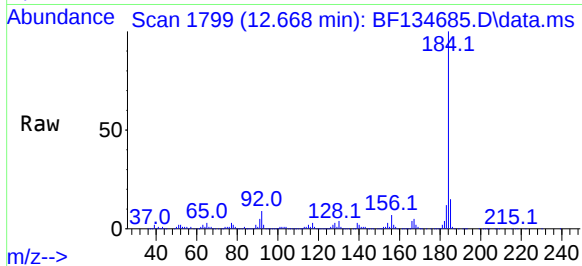
Tgt Ion:240 Resp: 361777  
Ion Ratio Lower Upper  
240 100  
120 11.9 6.6 10.0#  
236 25.9 20.2 30.2





#77  
Benzidine  
Concen: 64.548 ng  
RT: 12.668 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

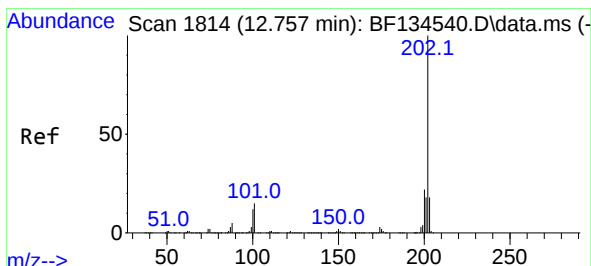
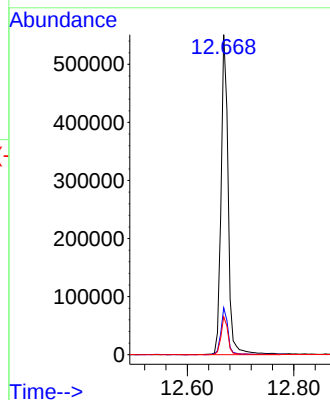
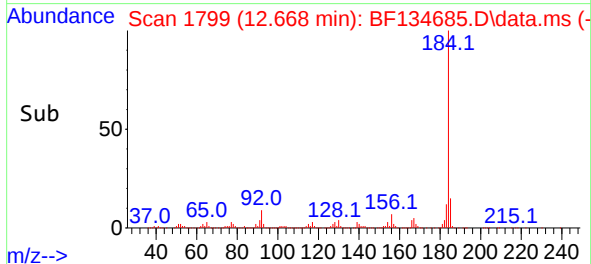
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-368MSD



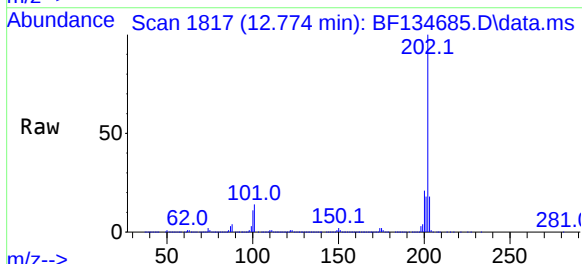
Tgt Ion:184 Resp: 506919  
Ion Ratio Lower Upper  
184 100  
185 14.6 11.2 16.8  
183 11.8 8.6 13.0

Manual Integrations  
APPROVED

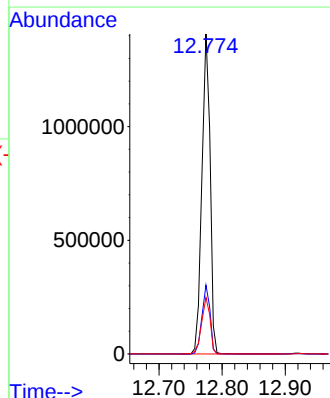
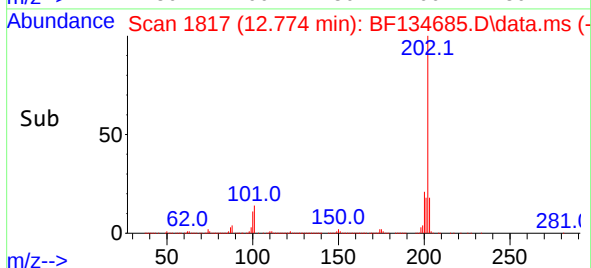
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

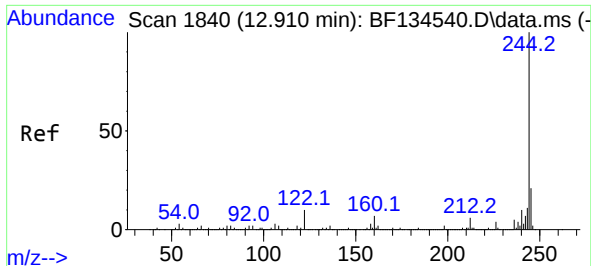


#78  
Pyrene  
Concen: 40.578 ng  
RT: 12.774 min Scan# 1817  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05



Tgt Ion:202 Resp: 1270303  
Ion Ratio Lower Upper  
202 100  
200 21.5 15.8 23.8  
203 17.7 13.5 20.3





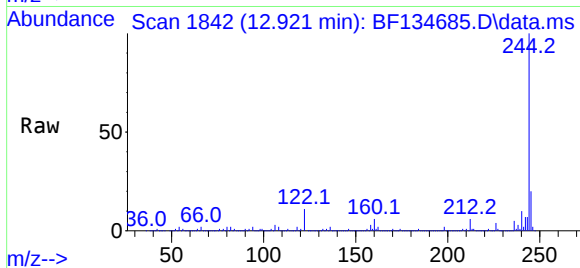
#79  
 Terphenyl-d14  
 Concen: 49.517 ng  
 RT: 12.921 min Scan# 1842  
 Delta R.T. -0.000 min  
 Lab File: BF134685.D  
 Acq: 09 Aug 2023 12:05

Instrument :

BNA\_F

ClientSampleId :

ETGI-368MSD

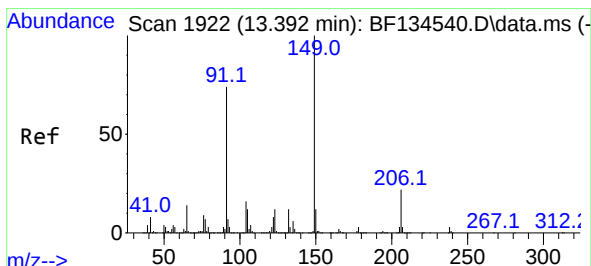
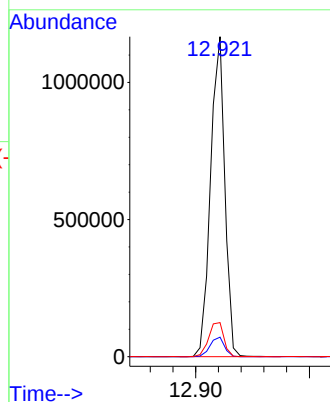
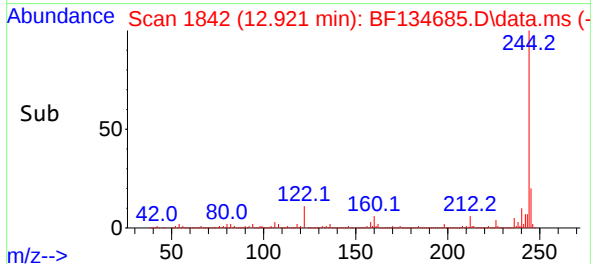


Tgt Ion:244 Resp: 1016194  
 Ion Ratio Lower Upper  
 244 100  
 212 6.1 5.6 8.4  
 122 10.6 8.0 12.0

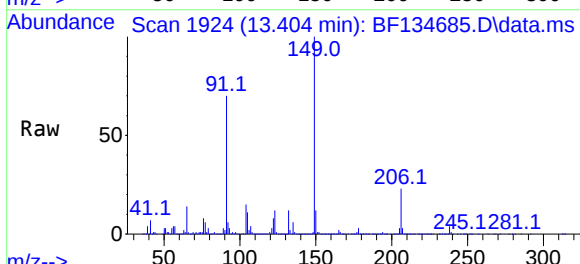
Manual Integrations

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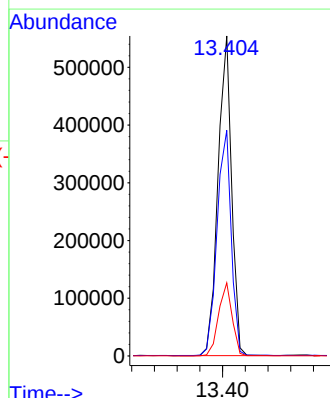
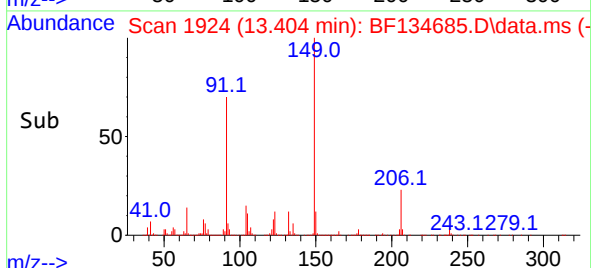
Reviewed By :Yogesh Patel 08/10/2023  
 Supervised By :mohammad ahmed 08/10/2023

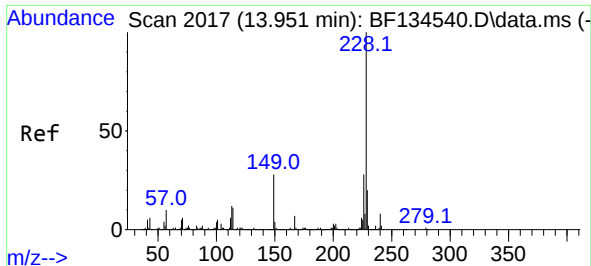


#80  
 Butylbenzylphthalate  
 Concen: 43.583 ng  
 RT: 13.404 min Scan# 1924  
 Delta R.T. 0.006 min  
 Lab File: BF134685.D  
 Acq: 09 Aug 2023 12:05



Tgt Ion:149 Resp: 461351  
 Ion Ratio Lower Upper  
 149 100  
 91 70.5 55.8 83.6  
 206 22.8 14.6 21.8





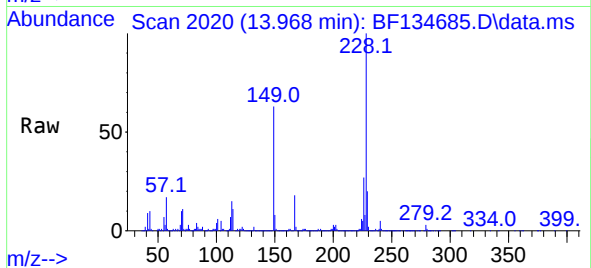
#81  
Benzo(a)anthracene  
Concen: 39.808 ng  
RT: 13.968 min Scan# 2014  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Instrument :

BNA\_F

ClientSampleId :

ETGI-368MSD

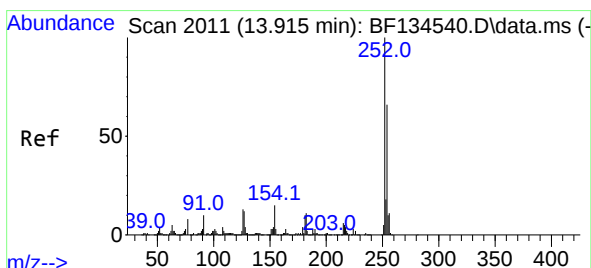
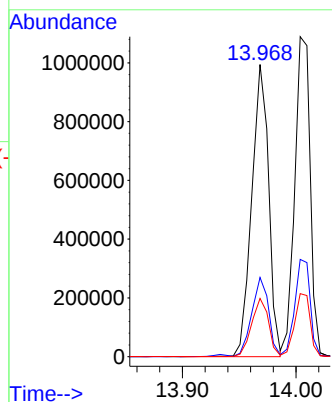
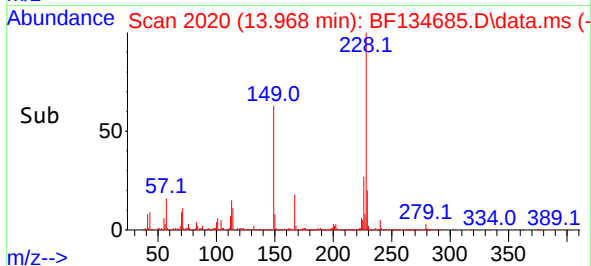


Tgt Ion:228 Resp: 102979  
Ion Ratio Lower Upper  
228 100  
226 27.1 22.3 33.5  
229 19.9 15.8 23.6

Manual Integrations

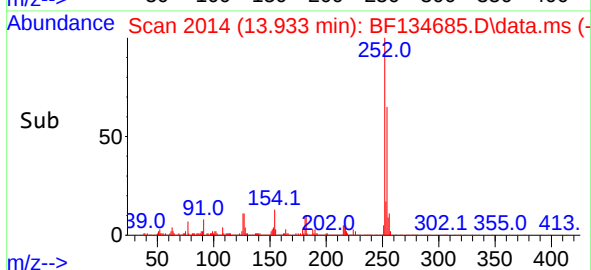
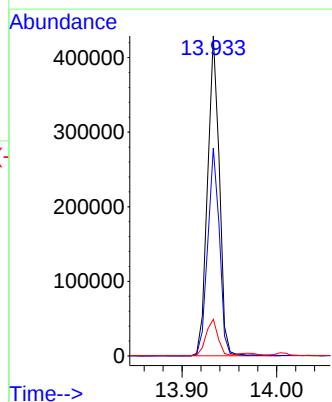
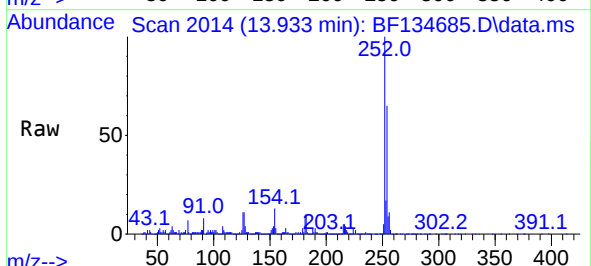
APPROVED

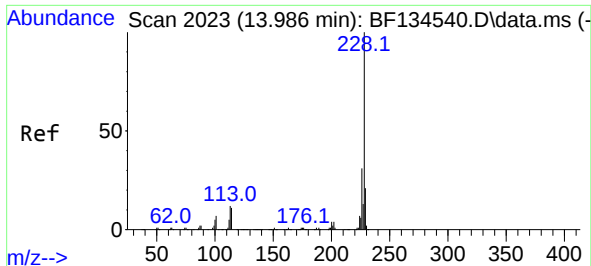
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023



#82  
3,3'-Dichlorobenzidine  
Concen: 49.322 ng  
RT: 13.933 min Scan# 2014  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

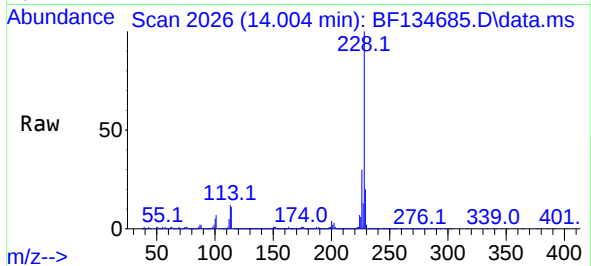
Tgt Ion:252 Resp: 369834  
Ion Ratio Lower Upper  
252 100  
254 65.0 52.7 79.1  
126 11.4 7.2 10.8#





#83  
Chrysene  
Concen: 40.766 ng  
RT: 14.004 min Scan# 2026  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

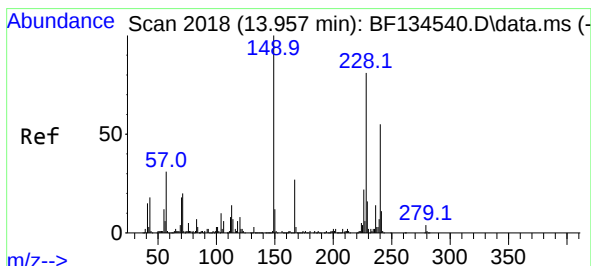
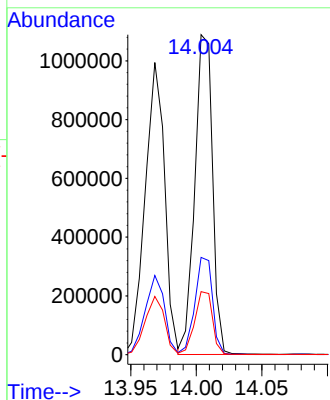
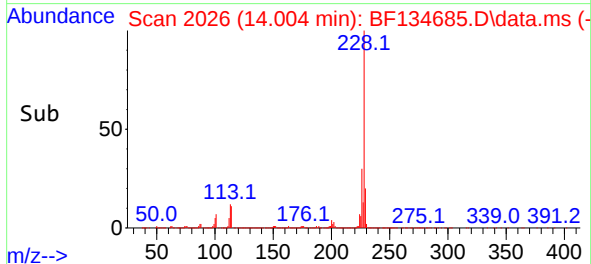
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-368MSD



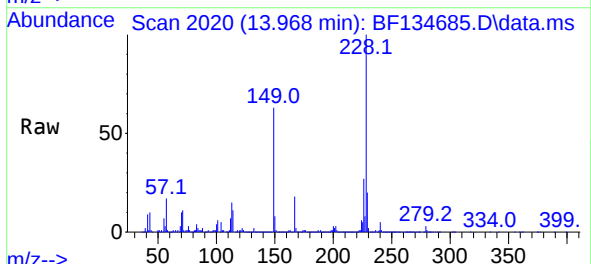
Tgt Ion:228 Resp: 1027434  
Ion Ratio Lower Upper  
228 100  
226 30.4 24.5 36.7  
229 19.7 15.8 23.8

Manual Integrations  
APPROVED

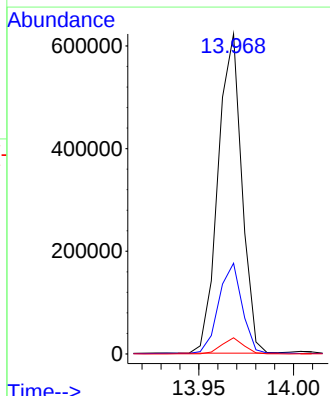
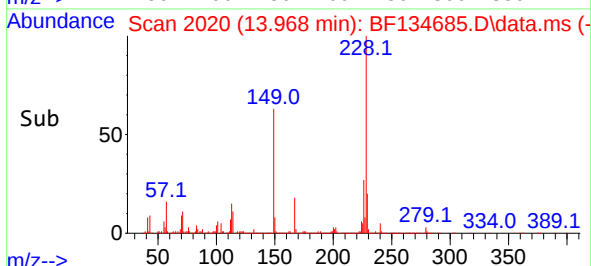
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

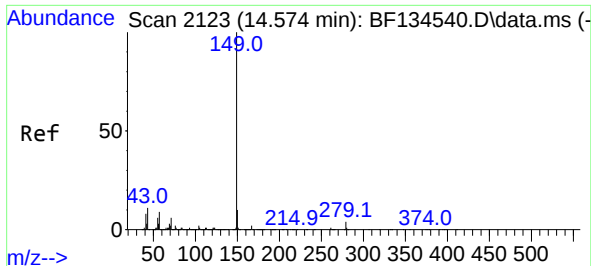


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 43.433 ng  
RT: 13.968 min Scan# 2020  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05



Tgt Ion:149 Resp: 541055  
Ion Ratio Lower Upper  
149 100  
167 28.3 21.6 32.4  
279 5.1 3.5 5.3





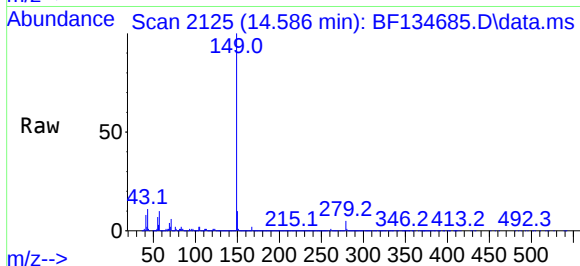
#85  
Di-n-octyl phthalate  
Concen: 61.121 ng  
RT: 14.586 min Scan# 2123  
Delta R.T. 0.006 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Instrument :

BNA\_F

ClientSampleId :

ETGI-368MSD

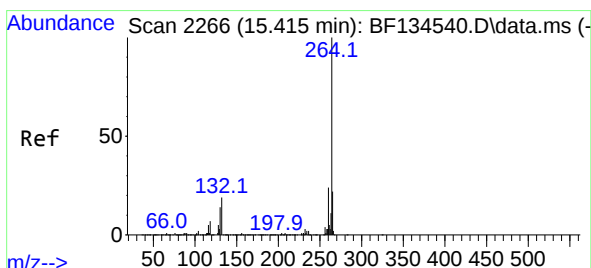
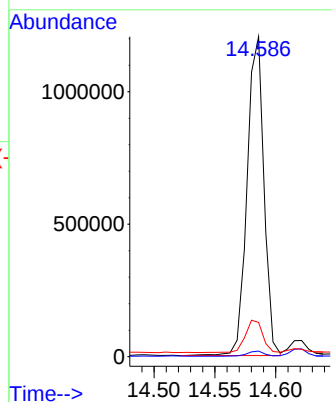
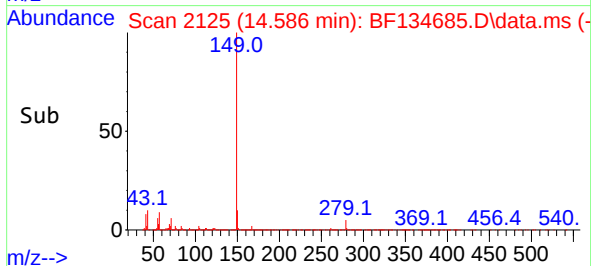


Tgt Ion:149 Resp: 1157869  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 10.2 8.1 12.1

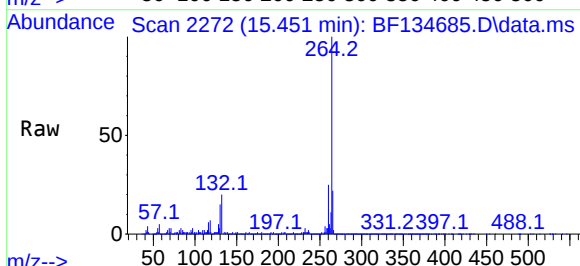
Manual Integrations

APPROVED

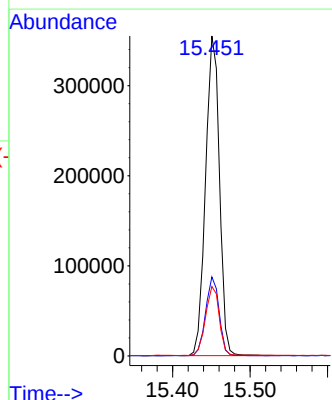
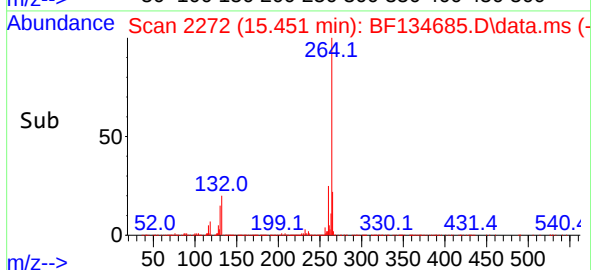
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

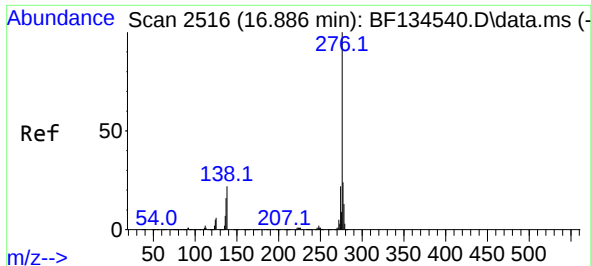


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.451 min Scan# 2272  
Delta R.T. 0.012 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05



Tgt Ion:264 Resp: 441695  
Ion Ratio Lower Upper  
264 100  
260 24.7 18.4 27.6  
265 21.7 15.8 23.8





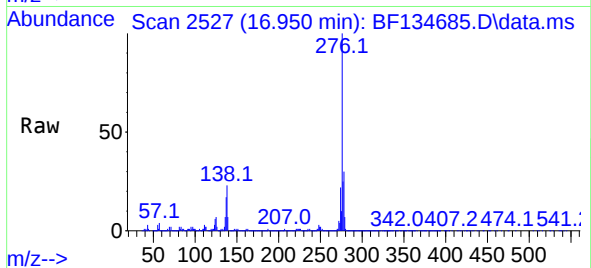
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 41.539 ng  
RT: 16.950 min Scan# 2199  
Delta R.T. 0.023 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Instrument :

BNA\_F

ClientSampleId :

ETGI-368MSD

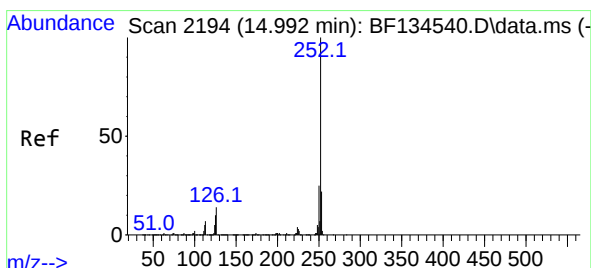
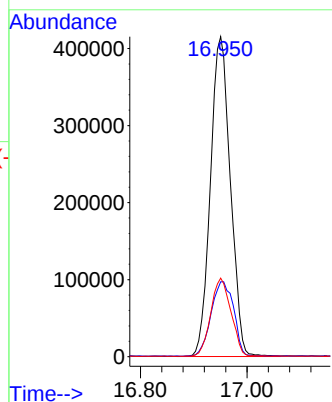
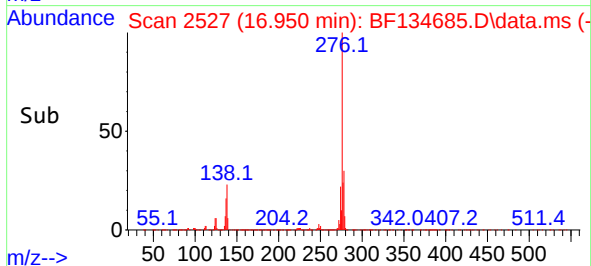


Tgt Ion:276 Resp: 107905  
Ion Ratio Lower Upper  
276 100  
138 26.3 14.2 21.4  
277 25.0 19.9 29.9

Manual Integrations

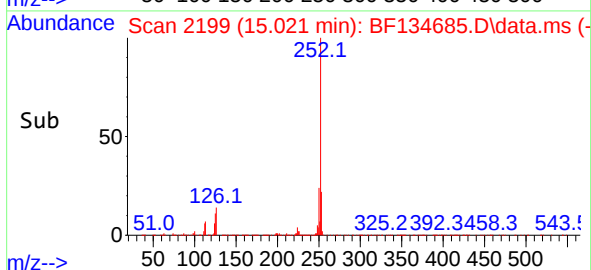
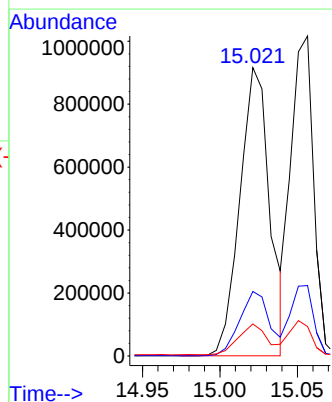
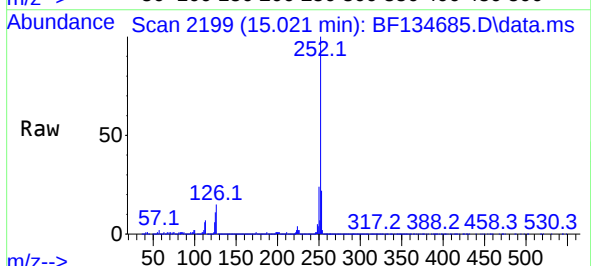
APPROVED

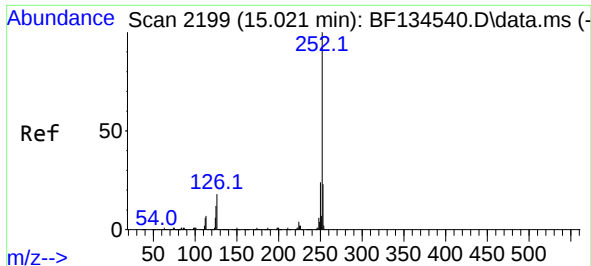
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023



#88  
Benzo(b)fluoranthene  
Concen: 45.767 ng  
RT: 15.021 min Scan# 2199  
Delta R.T. 0.012 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Tgt Ion:252 Resp: 1232894  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.3 25.9  
125 11.1 6.0 9.0#





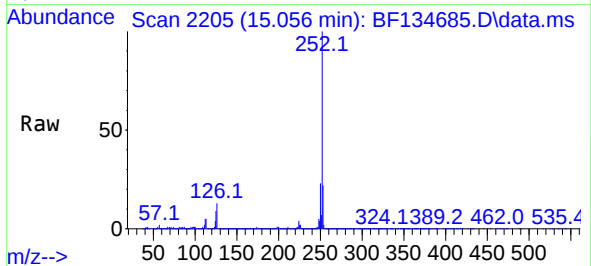
#89  
Benzo(k)fluoranthene  
Concen: 38.463 ng  
RT: 15.056 min Scan# 2199  
Delta R.T. 0.018 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Instrument :

BNF

ClientSampleId :

ETGI-368MSD

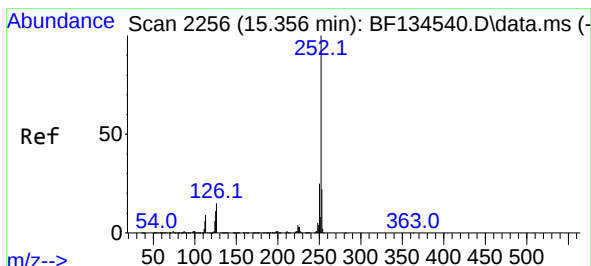
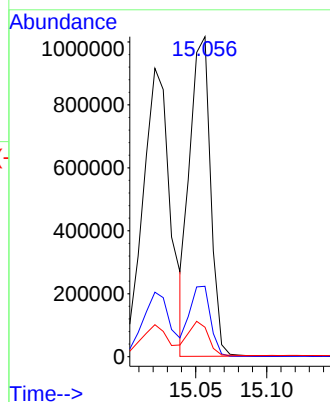
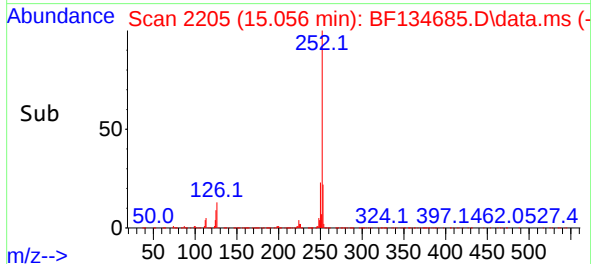


Tgt Ion:252 Resp: 103215  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.9 26.9  
125 9.2 6.3 9.5

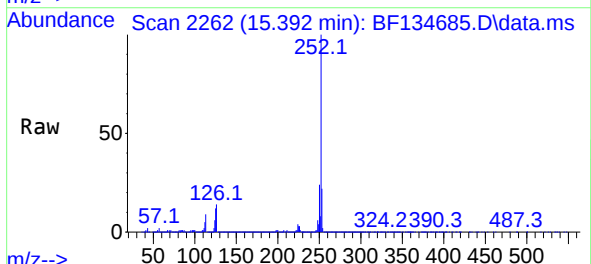
Manual Integrations

APPROVED

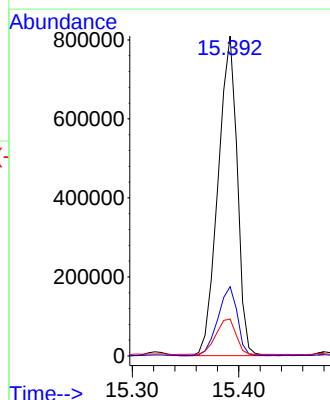
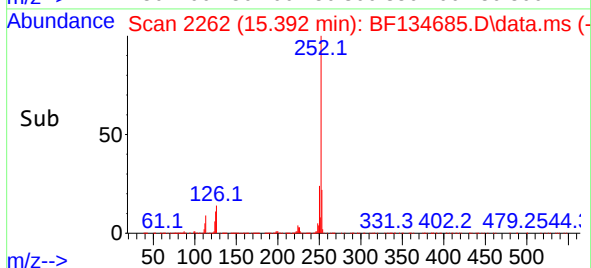
Reviewed By :Yogesh Patel 08/10/2023  
Supervised By :mohammad ahmed 08/10/2023

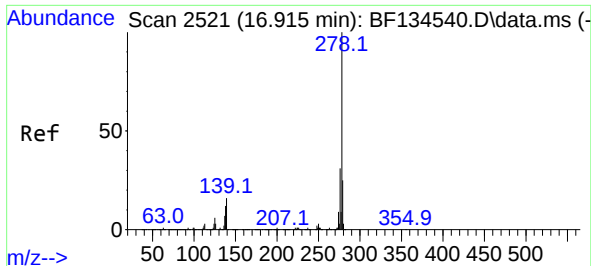


#90  
Benzo(a)pyrene  
Concen: 40.278 ng  
RT: 15.392 min Scan# 2262  
Delta R.T. 0.012 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05



Tgt Ion:252 Resp: 1011671  
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: 42.331 ng  
RT: 16.974 min Scan# 21  
Delta R.T. 0.023 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Instrument :

BNA\_F

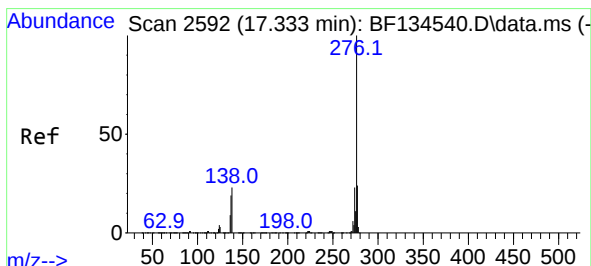
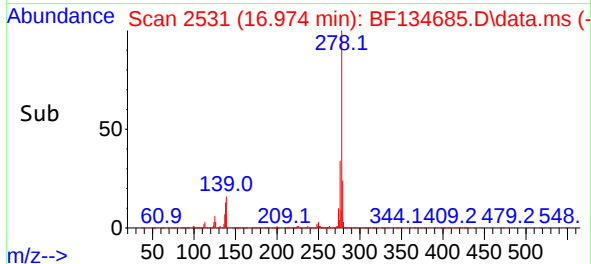
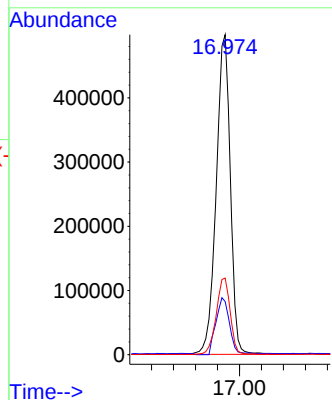
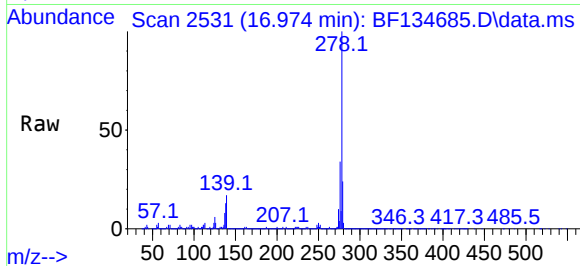
ClientSampleId :

ETGI-368MSD

Tgt Ion:278 Resp: 88868  
Ion Ratio Lower Upper  
278 100  
139 16.6 10.0 15.0  
279 23.9 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: 38.276 ng  
RT: 17.403 min Scan# 2604  
Delta R.T. 0.029 min  
Lab File: BF134685.D  
Acq: 09 Aug 2023 12:05

Tgt Ion:276 Resp: 819683  
Ion Ratio Lower Upper  
276 100  
277 24.0 19.0 28.6  
138 24.0 12.2 18.2#

