

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082323\  
 Data File : BF134903.D  
 Acq On : 23 Aug 2023 14:31  
 Operator : CG\JU  
 Sample : 04080-01MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ETGI-340MSD

Quant Time: Aug 24 04:25:11 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 22 19:33:25 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

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

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.792  | 152  | 141889   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.075  | 136  | 581563   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.833  | 164  | 299696   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.327 | 188  | 555274   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.986 | 240  | 295477   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.457 | 264  | 334477   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.434  | 112  | 1043884  | 117.319 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.439  | 99   | 1386521  | 121.948 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.363  | 82   | 858257   | 81.321  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.633 | 330  | 454879   | 128.873 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.157  | 172  | 1536309  | 79.246  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.927 | 244  | 1623063  | 75.551  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.599  | 88   | 103925   | 26.913  | ng    | 98       |
| 3) Pyridine                   | 3.357  | 79   | 303160   | 29.133  | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.316  | 42   | 189364   | 41.158  | ng    | 96       |
| 6) Aniline                    | 6.463  | 93   | 514882   | 36.640  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.581  | 128  | 464002   | 49.697  | ng    | 97       |
| 9) Benzaldehyde               | 6.345  | 77   | 147887   | 23.716  | ng    | 98       |
| 10) Phenol                    | 6.451  | 94   | 548911   | 47.154  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.534  | 93   | 397888   | 45.060  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.734  | 146  | 411983   | 42.308  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.810  | 146  | 424272   | 43.531  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.963  | 146  | 413194   | 45.737  | ng    | 98       |
| 15) Benzyl Alcohol            | 6.939  | 79   | 404312   | 51.179  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.075  | 45   | 571451   | 44.691  | ng    | 100      |
| 17) 2-Methylphenol            | 7.051  | 107  | 377385   | 46.704  | ng    | 97       |
| 18) Hexachloroethane          | 7.304  | 117  | 153525   | 43.524  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.216  | 70   | 296475   | 44.647  | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.204  | 107  | 442109   | 52.101  | ng    | 94       |
| 22) Acetophenone              | 7.204  | 105  | 572767   | 44.559  | ng    | 98       |
| 24) Nitrobenzene              | 7.381  | 77   | 469676   | 44.350  | ng    | 97       |
| 25) Isophorone                | 7.616  | 82   | 884814   | 44.898  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.692  | 139  | 248364   | 47.107  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.734  | 122  | 394587   | 45.886  | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 7.828  | 93   | 529420   | 45.073  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.933  | 162  | 405033   | 47.670  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.016  | 180  | 403884   | 44.775  | ng    | 100      |
| 31) Naphthalene               | 8.098  | 128  | 1276683  | 43.964  | ng    | 100      |
| 32) Benzoic acid              | 7.875  | 122  | 359445   | 56.639  | ng    | 96       |
| 33) 4-Chloroaniline           | 8.145  | 127  | 393535   | 31.585  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.210  | 225  | 227650   | 42.434  | ng    | 98       |
| 35) Caprolactam               | 8.533  | 113  | 138833m  | 52.344  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.639  | 107  | 442273   | 49.327  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.786  | 142  | 861073   | 44.464  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.886  | 142  | 819201   | 45.239  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.957  | 216  | 415761   | 45.527  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.939  | 237  | 358018   | 88.549  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.069  | 196  | 296384   | 49.142  | ng    | 100      |

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 Sample : 04080-01MSD  
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**Instrument :**

BNA\_F

**ClientSampleId :**

ETGI-340MSD

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023

Quant Time: Aug 24 04:25:11 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082223.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 22 19:33:25 2023

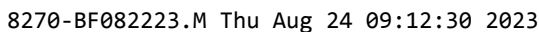
Response via : Initial Calibration

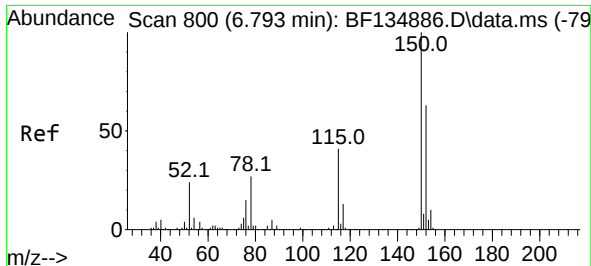
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.116  | 196  | 322507   | 46.187  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.257  | 154  | 1099924  | 46.488  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.280  | 162  | 840868   | 47.588  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.380  | 65   | 293994   | 50.615  | ng    | 96       |
| 49) Acenaphthylene            | 9.698  | 152  | 1305224  | 47.966  | ng    | 99       |
| 50) Dimethylphthalate         | 9.569  | 163  | 1010831  | 47.384  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.627  | 165  | 238405   | 50.670  | ng    | 95       |
| 52) Acenaphthene              | 9.869  | 154  | 810279   | 47.267  | ng    | 99       |
| 53) 3-Nitroaniline            | 9.798  | 138  | 200201   | 38.957  | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.910  | 184  | 259253   | 116.454 | ng    | 96       |
| 55) Dibenzofuran              | 10.045 | 168  | 1164121  | 46.643  | ng    | 98       |
| 56) 4-Nitrophenol             | 9.969  | 139  | 400856   | 111.930 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 10.033 | 165  | 303736   | 52.199  | ng    | 90       |
| 58) Fluorene                  | 10.386 | 166  | 903763   | 47.743  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.163 | 232  | 281307   | 51.708  | ng    | 100      |
| 60) Diethylphthalate          | 10.269 | 149  | 953619   | 48.791  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.380 | 204  | 438503   | 46.210  | ng    | 98       |
| 62) 4-Nitroaniline            | 10.422 | 138  | 250538   | 52.151  | ng    | 94       |
| 63) Azobenzene                | 10.545 | 77   | 938576   | 48.340  | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.445 | 198  | 171762   | 52.423  | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 10.504 | 169  | 839097   | 46.926  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.874 | 248  | 300405   | 46.893  | ng    | 96       |
| 68) Hexachlorobenzene         | 10.933 | 284  | 344312   | 50.536  | ng    | 96       |
| 69) Atrazine                  | 11.039 | 200  | 280878   | 57.846  | ng    | 100      |
| 70) Pentachlorophenol         | 11.133 | 266  | 338528   | 82.563  | ng    | 99       |
| 71) Phenanthrene              | 11.357 | 178  | 1409804  | 48.451  | ng    | 99       |
| 72) Anthracene                | 11.404 | 178  | 1417302  | 47.540  | ng    | 100      |
| 73) Carbazole                 | 11.563 | 167  | 1236905  | 50.349  | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.898 | 149  | 1397827  | 49.612  | ng    | 99       |
| 75) Fluoranthene              | 12.545 | 202  | 1358151  | 49.262  | ng    | 99       |
| 77) Benzidine                 | 12.674 | 184  | 498100   | 103.899 | ng    | 99       |
| 78) Pyrene                    | 12.780 | 202  | 1351175  | 43.130  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.404 | 149  | 483784   | 50.685  | ng    | 98       |
| 81) Benzo(a)anthracene        | 13.974 | 228  | 982985   | 48.760  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.939 | 252  | 334371   | 52.404  | ng    | 98       |
| 83) Chrysene                  | 14.010 | 228  | 967910   | 48.661  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.968 | 149  | 548975   | 53.095  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.586 | 149  | 983620   | 58.340  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.951 | 276  | 1103154  | 46.141  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.027 | 252  | 1010632  | 53.555  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.057 | 252  | 947110   | 51.110  | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.398 | 252  | 906393   | 48.114  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 16.974 | 278  | 893968   | 46.213  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.409 | 276  | 849324   | 42.889  | ng    | 99       |

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

## Manual Integrations

Quant Time: Aug 24 04:25:11 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Aug 22 19:33:25 2023  
Response via : Initial Calibration





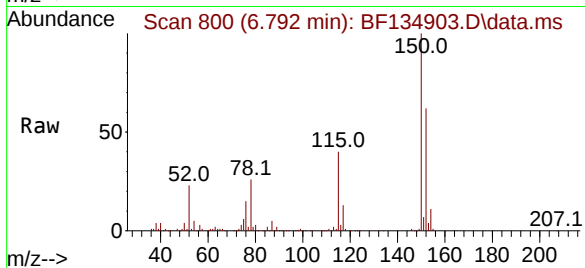
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.792 min Scan# 80  
 Delta R.T. -0.001 min  
 Lab File: BF134903.D  
 Acq: 23 Aug 2023 14:31

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MSD

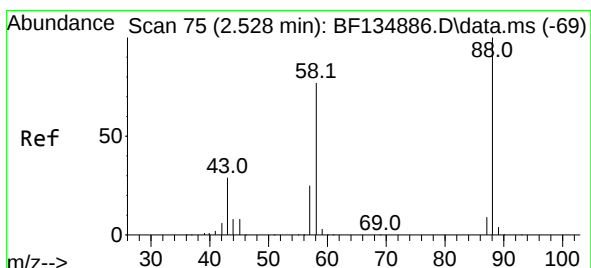
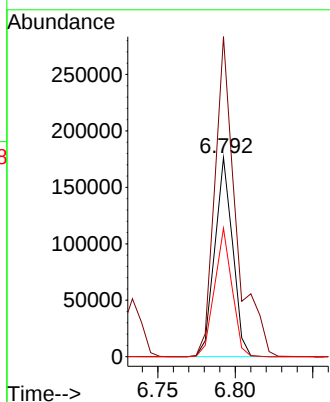
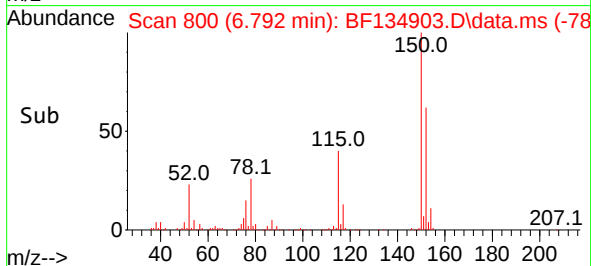


Tgt Ion:152 Resp: 141889  
 Ion Ratio Lower Upper  
 152 100  
 150 160.6 126.1 189.1  
 115 64.5 51.1 76.7

Manual Integrations

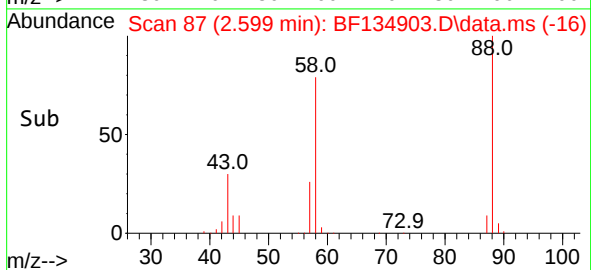
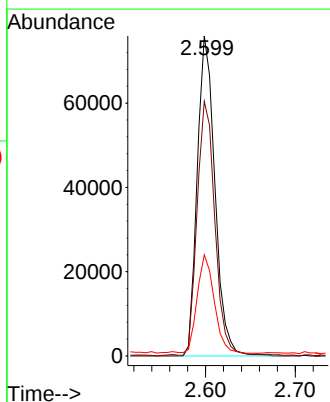
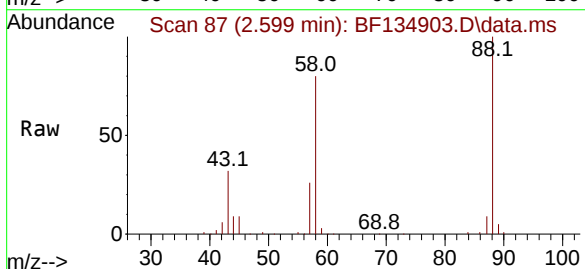
APPROVED

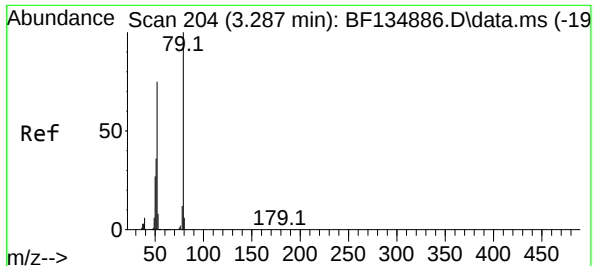
Reviewed By :Yogesh Patel 08/24/2023  
 Supervised By :mohammad ahmed 08/24/2023



#2  
 1,4-Dioxane  
 Concen: 26.913 ng  
 RT: 2.599 min Scan# 87  
 Delta R.T. 0.070 min  
 Lab File: BF134903.D  
 Acq: 23 Aug 2023 14:31

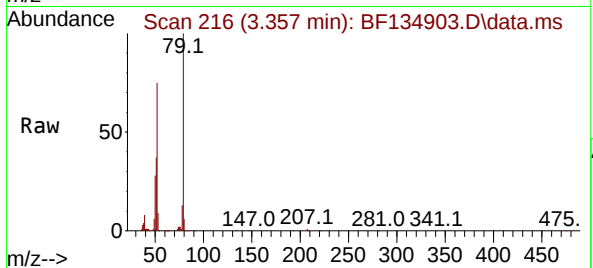
Tgt Ion: 88 Resp: 103925  
 Ion Ratio Lower Upper  
 88 100  
 58 80.5 62.6 93.8  
 43 30.0 23.3 34.9





#3  
Pyridine  
Concen: 29.133 ng  
RT: 3.357 min Scan# 216  
Delta R.T. 0.070 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

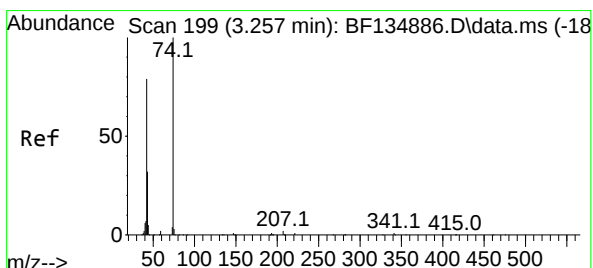
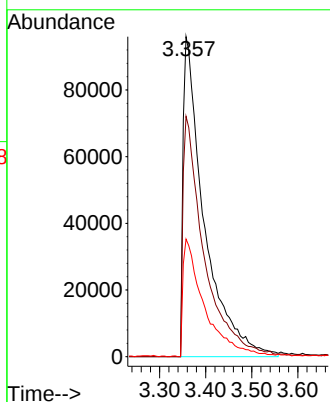
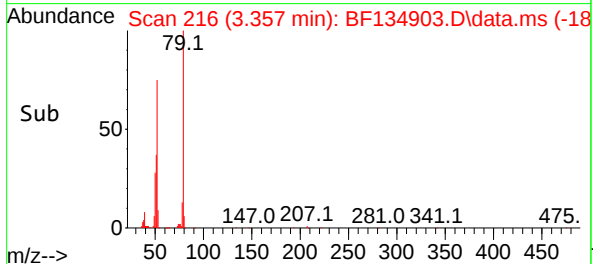
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ETGI-340MSD



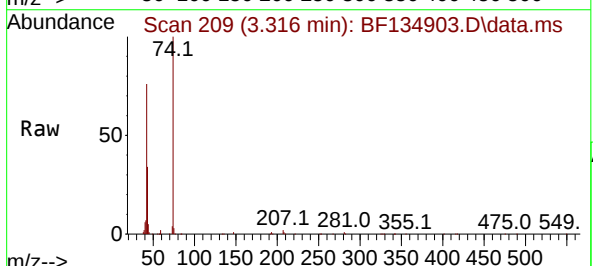
Tgt Ion: 79 Resp: 303160  
Ion Ratio Lower Upper  
79 100  
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51 36.8 29.4 44.0

Manual Integrations  
APPROVED

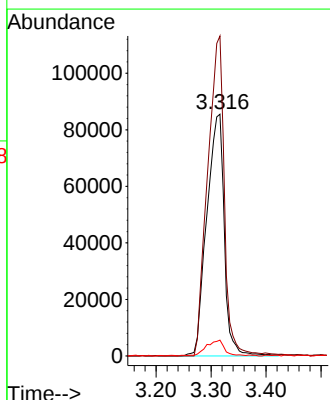
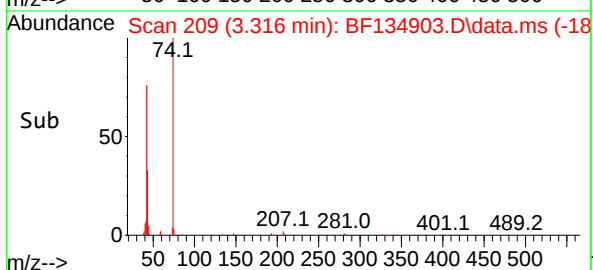
Reviewed By :Yogesh Patel 08/24/2023  
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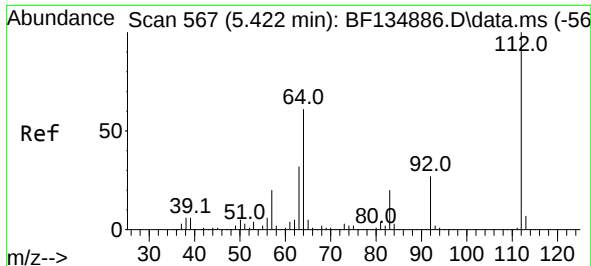


#4  
n-Nitrosodimethylamine  
Concen: 41.158 ng  
RT: 3.316 min Scan# 209  
Delta R.T. 0.059 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31



Tgt Ion: 42 Resp: 189364  
Ion Ratio Lower Upper  
42 100  
74 132.3 101.8 152.8  
44 6.5 5.4 8.0





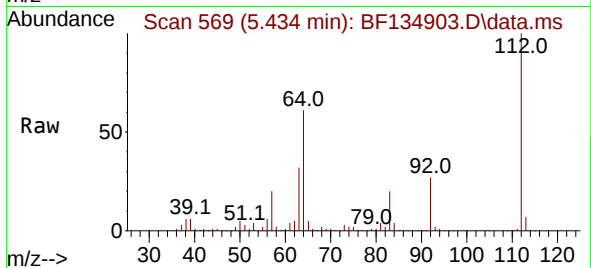
#5  
2-Fluorophenol  
Concen: 117.319 ng  
RT: 5.434 min Scan# 567  
Delta R.T. 0.012 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MSD

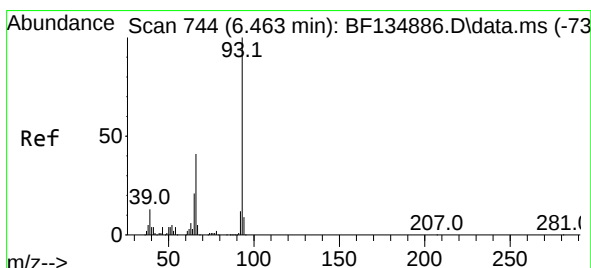
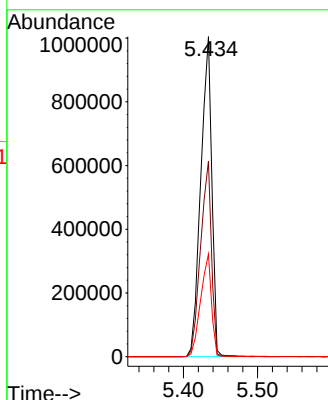
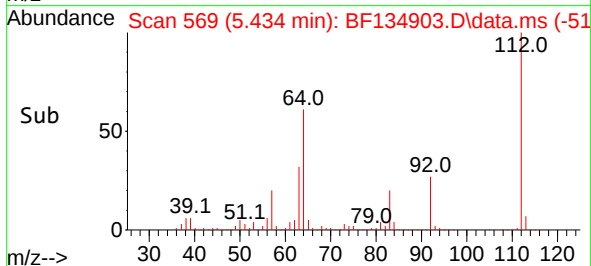


Tgt Ion:112 Resp: 1043884  
Ion Ratio Lower Upper  
112 100  
64 61.1 48.6 73.0  
63 32.1 25.7 38.5

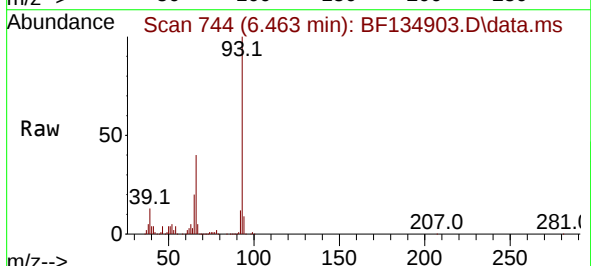
Manual Integrations

APPROVED

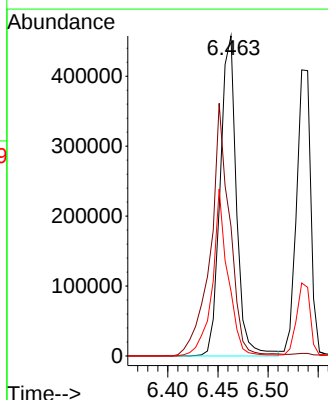
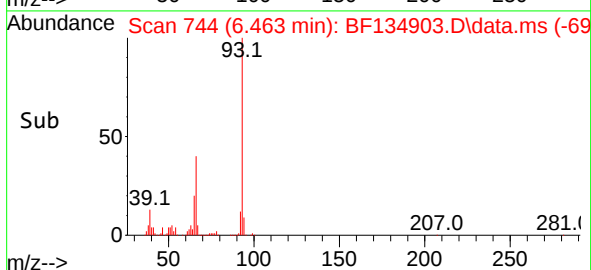
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023

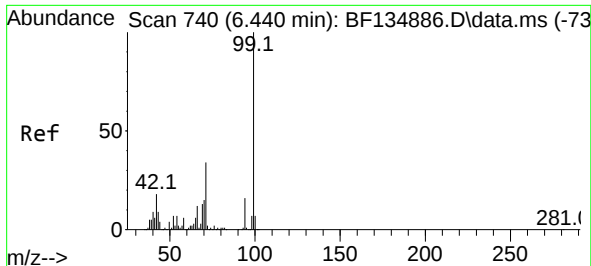


#6  
Aniline  
Concen: 36.640 ng  
RT: 6.463 min Scan# 744  
Delta R.T. -0.000 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31



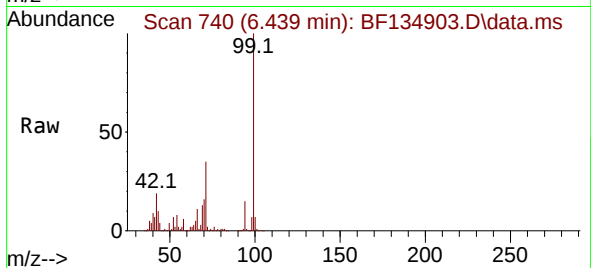
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Ion Ratio Lower Upper  
93 100  
66 40.5 32.7 49.1  
65 20.2 16.7 25.1





#7  
Phenol-d6  
Concen: 121.948 ng  
RT: 6.439 min Scan# 740  
Delta R.T. -0.000 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

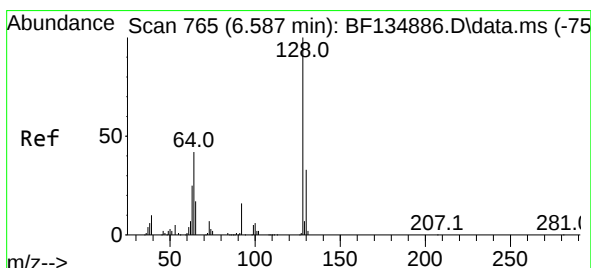
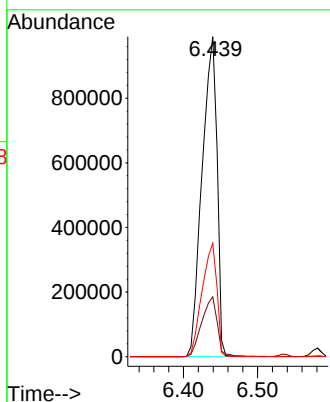
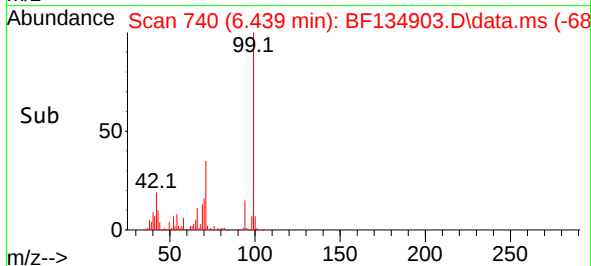
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-340MSD



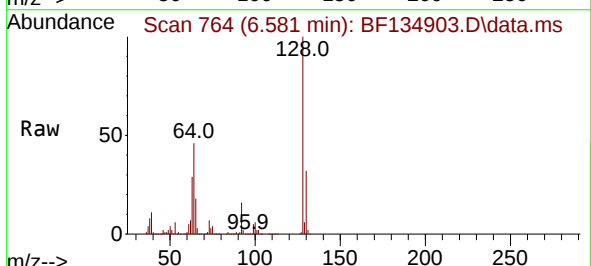
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Ion Ratio Lower Upper  
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71 35.4 27.6 41.4

Manual Integrations  
APPROVED

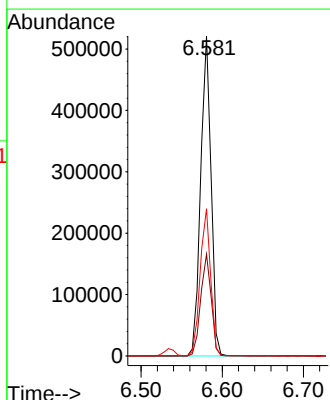
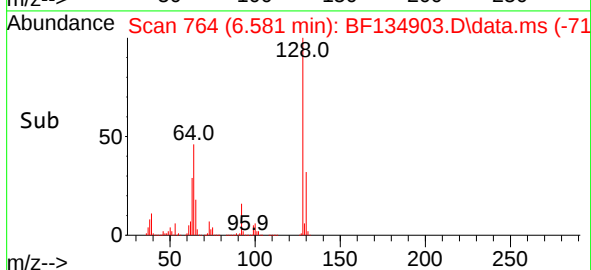
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023

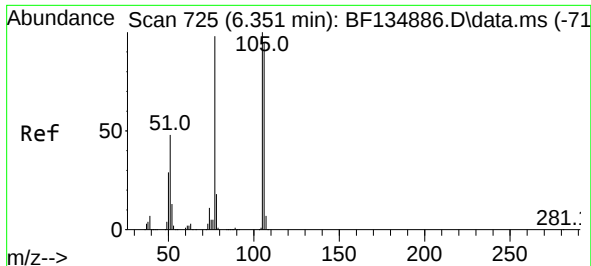


#8  
2-Chlorophenol  
Concen: 49.697 ng  
RT: 6.581 min Scan# 764  
Delta R.T. -0.006 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31



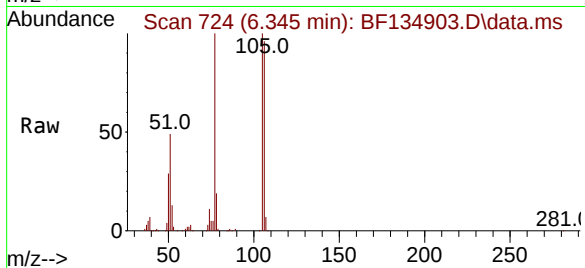
Tgt Ion:128 Resp: 464002  
Ion Ratio Lower Upper  
128 100  
130 31.8 13.0 53.0  
64 46.0 23.4 63.4





#9  
Benzaldehyde  
Concen: 23.716 ng  
RT: 6.345 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

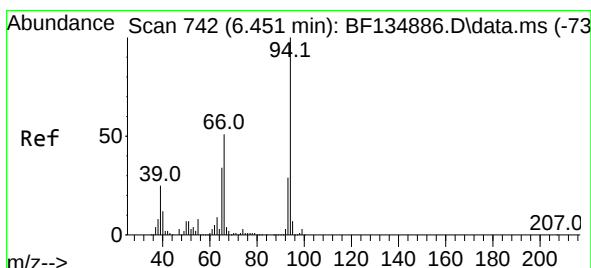
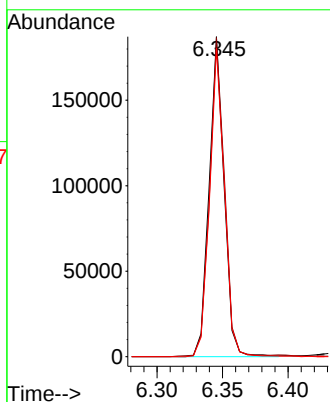
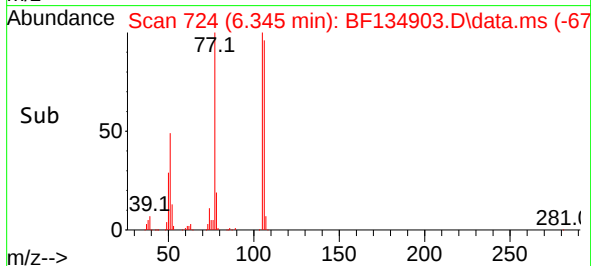
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-340MSD



Tgt Ion: 77 Resp: 14788  
Ion Ratio Lower Upper  
77 100  
105 99.7 82.4 122.4  
106 96.3 77.2 117.2

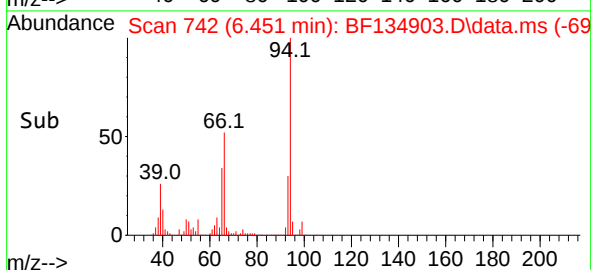
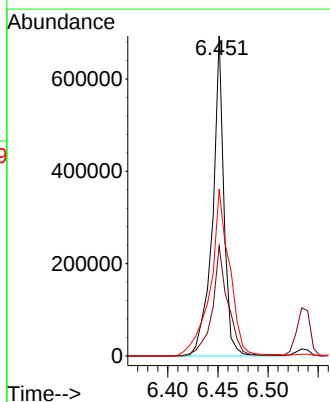
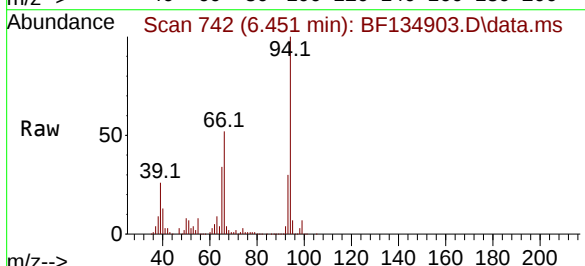
Manual Integrations  
APPROVED

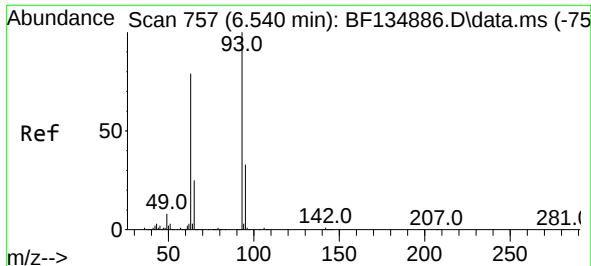
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023



#10  
Phenol  
Concen: 47.154 ng  
RT: 6.451 min Scan# 742  
Delta R.T. -0.000 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

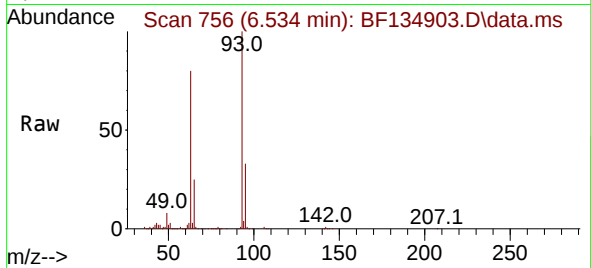
Tgt Ion: 94 Resp: 548911  
Ion Ratio Lower Upper  
94 100  
65 34.4 14.0 54.0  
66 52.1 31.1 71.1





#11  
bis(2-Chloroethyl)ether  
Concen: 45.060 ng  
RT: 6.534 min Scan# 756  
Delta R.T. -0.006 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

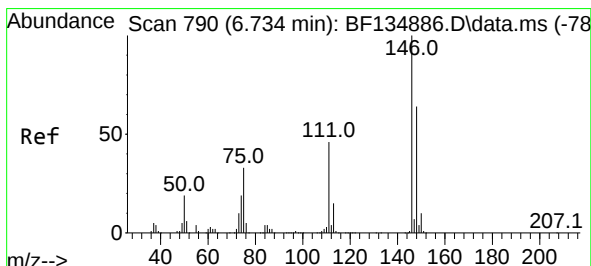
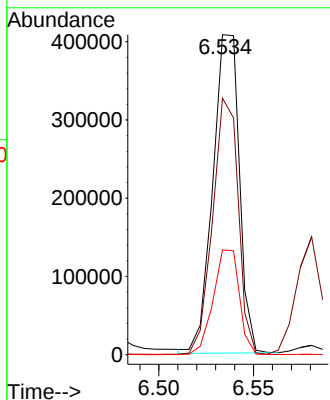
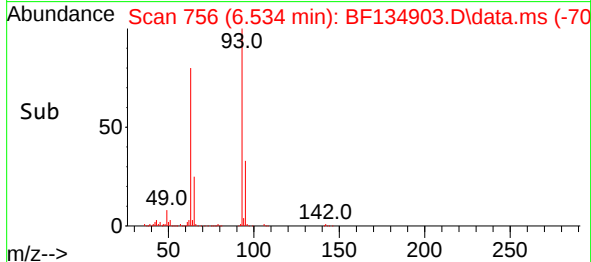
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-340MSD



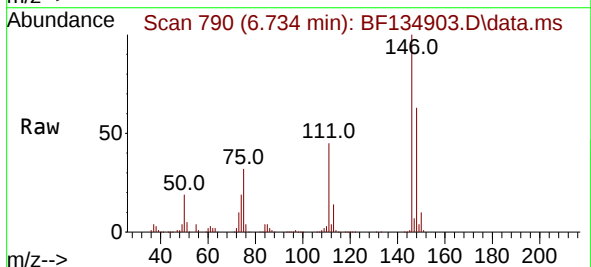
Tgt Ion: 93 Resp: 397888  
Ion Ratio Lower Upper  
93 100  
63 80.1 58.7 98.7  
95 32.8 12.4 52.4

Manual Integrations  
APPROVED

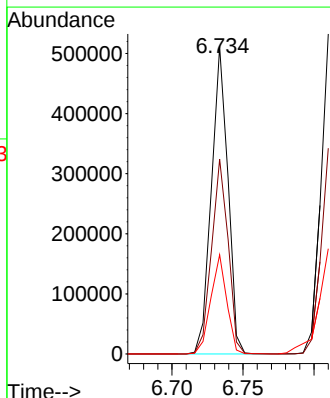
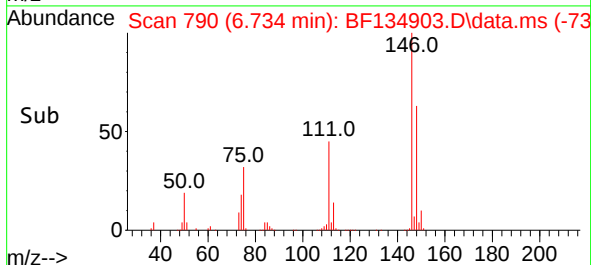
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023

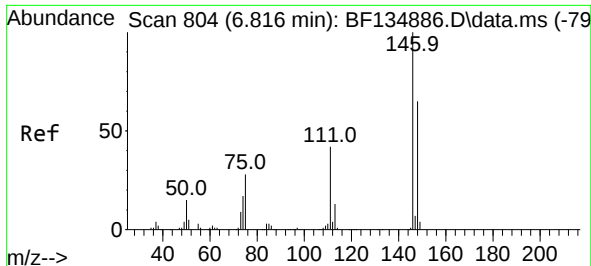


#12  
1,3-Dichlorobenzene  
Concen: 42.308 ng  
RT: 6.734 min Scan# 790  
Delta R.T. -0.000 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31



Tgt Ion:146 Resp: 411983  
Ion Ratio Lower Upper  
146 100  
148 63.4 51.2 76.8  
75 32.3 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 43.531 ng

RT: 6.810 min Scan# 804

Delta R.T. -0.006 min

Lab File: BF134903.D

Acq: 23 Aug 2023 14:31

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MSD

Tgt Ion:146 Resp: 424272

Ion Ratio Lower Upper

146 100

148 64.3 52.1 78.1

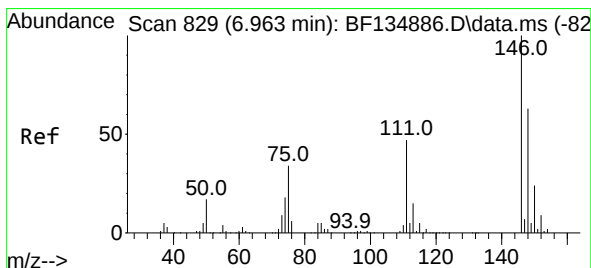
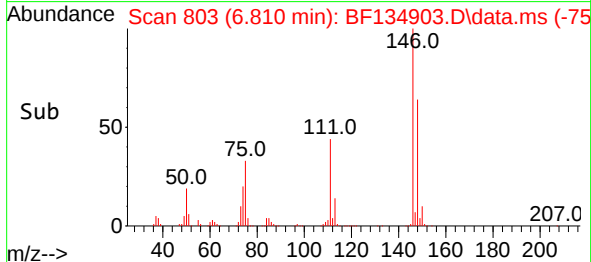
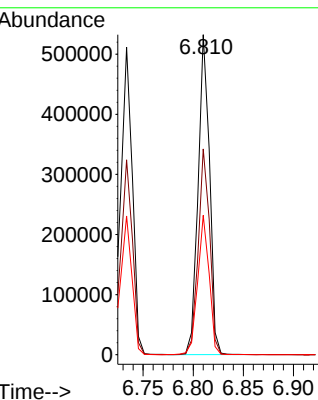
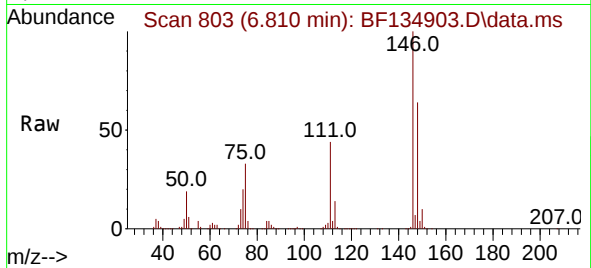
111 43.6 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#14

1,2-Dichlorobenzene

Concen: 45.737 ng

RT: 6.963 min Scan# 829

Delta R.T. -0.000 min

Lab File: BF134903.D

Acq: 23 Aug 2023 14:31

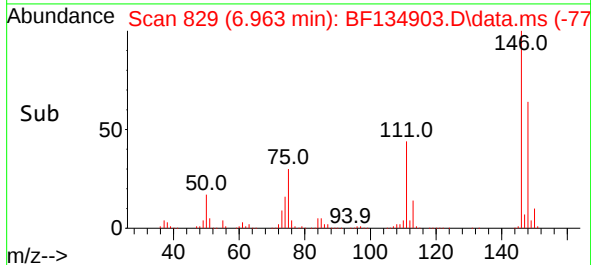
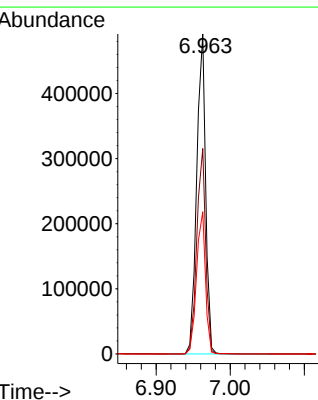
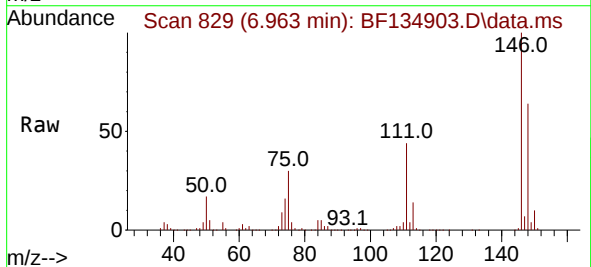
Tgt Ion:146 Resp: 413194

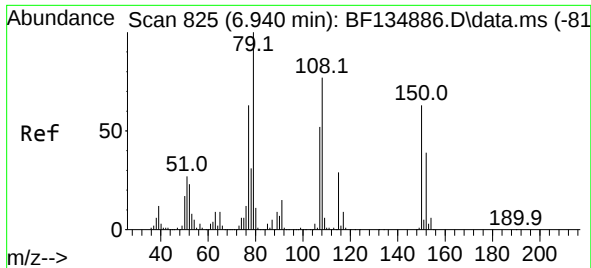
Ion Ratio Lower Upper

146 100

148 64.2 50.5 75.7

111 44.5 37.5 56.3





#15  
Benzyl Alcohol  
Concen: 51.179 ng  
RT: 6.939 min Scan# 81  
Delta R.T. -0.001 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

Instrument :

BNA\_F

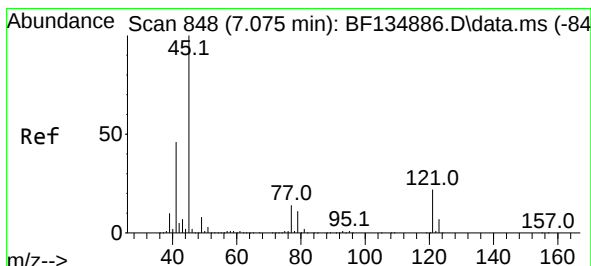
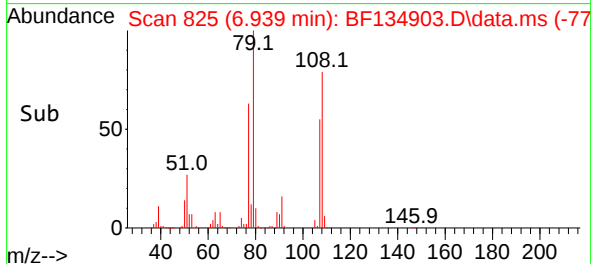
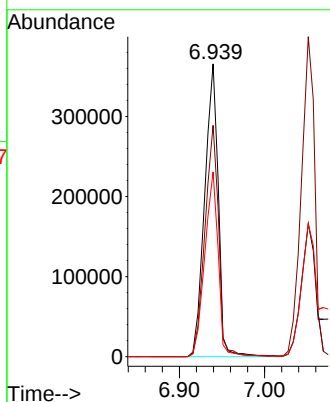
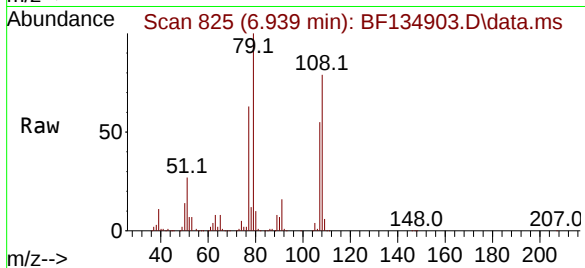
ClientSampleId :

ETGI-340MSD

Tgt Ion: 79 Resp: 40431  
Ion Ratio Lower Upper  
79 100  
108 79.0 61.4 92.2  
77 63.1 50.1 75.1

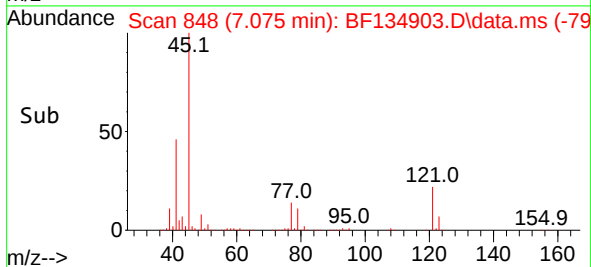
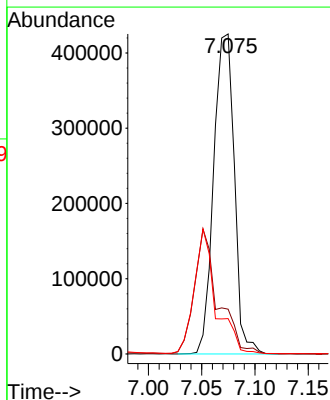
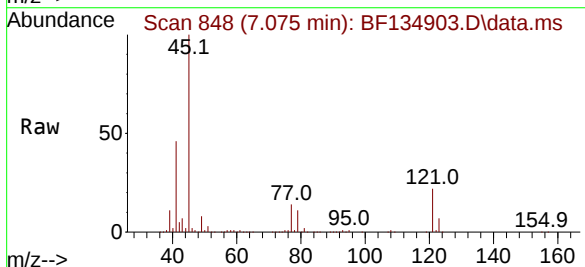
Manual Integrations  
APPROVED

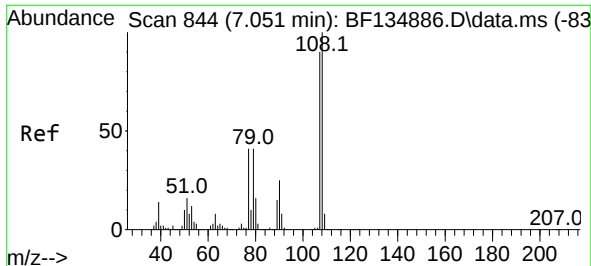
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 44.691 ng  
RT: 7.075 min Scan# 848  
Delta R.T. -0.000 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

Tgt Ion: 45 Resp: 571451  
Ion Ratio Lower Upper  
45 100  
77 14.0 0.0 33.9  
79 11.0 0.0 31.1





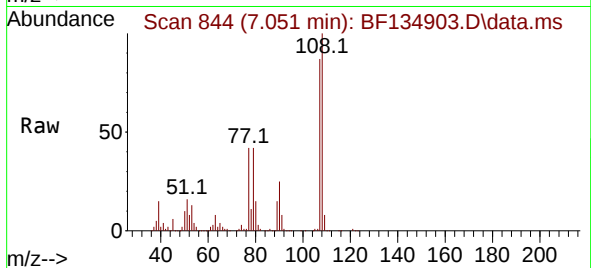
#17  
2-Methylphenol  
Concen: 46.704 ng  
RT: 7.051 min Scan# 844  
Delta R.T. 0.000 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MSD

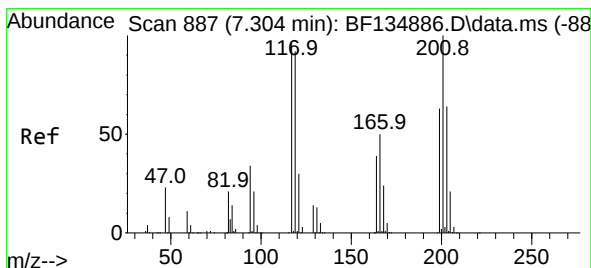
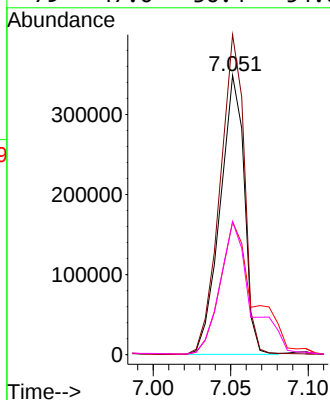
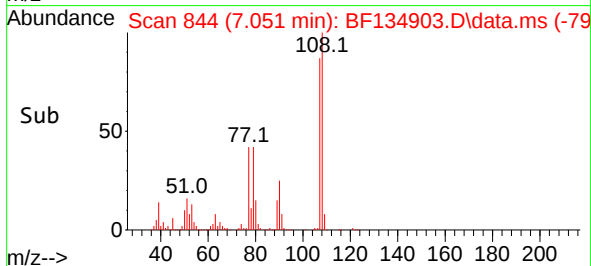


Tgt Ion:107 Resp: 377385  
Ion Ratio Lower Upper  
107 100  
108 114.5 89.0 133.6  
77 47.6 36.5 54.7  
79 47.6 36.4 54.6

Manual Integrations

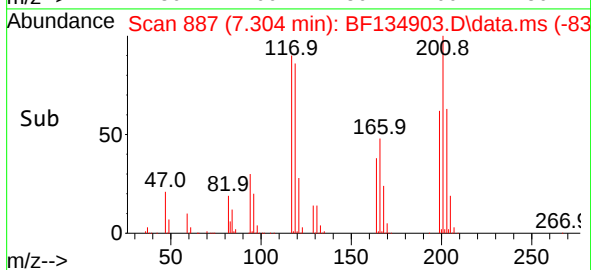
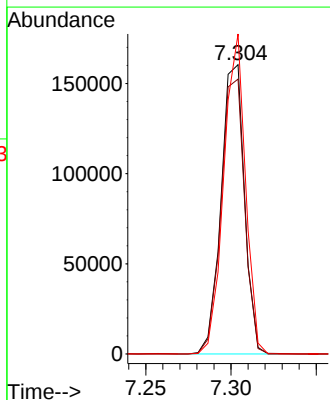
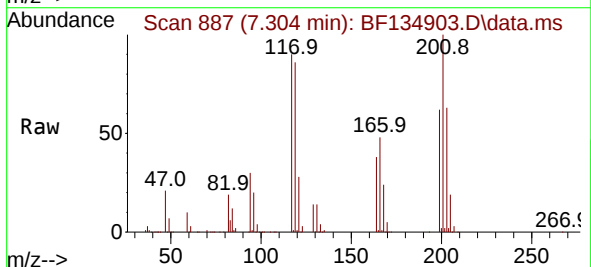
APPROVED

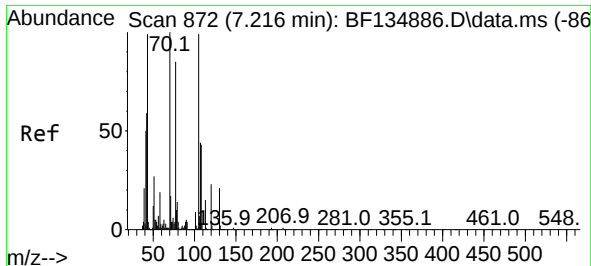
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023



#18  
Hexachloroethane  
Concen: 43.524 ng  
RT: 7.304 min Scan# 887  
Delta R.T. 0.000 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

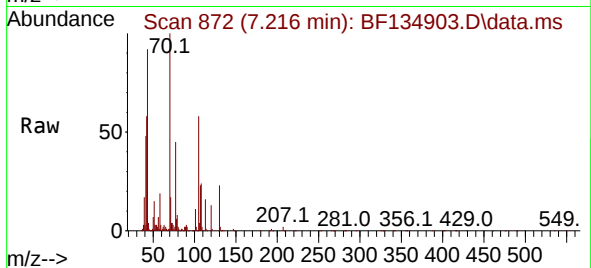
Tgt Ion:117 Resp: 153525  
Ion Ratio Lower Upper  
117 100  
119 95.0 76.6 114.8  
201 110.6 83.4 125.2





#19  
n-Nitroso-di-n-propylamine  
Concen: 44.647 ng  
RT: 7.216 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

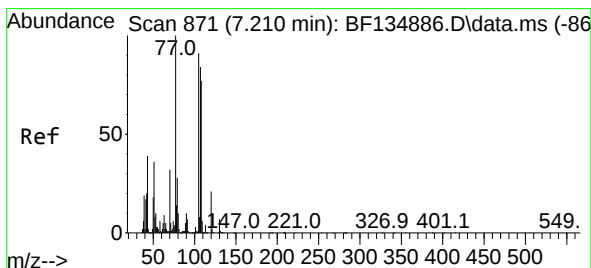
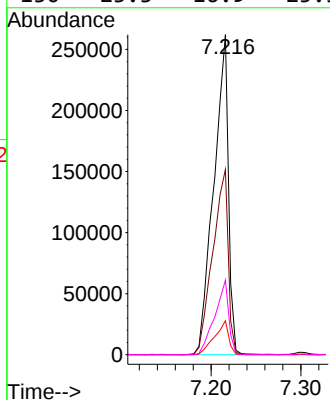
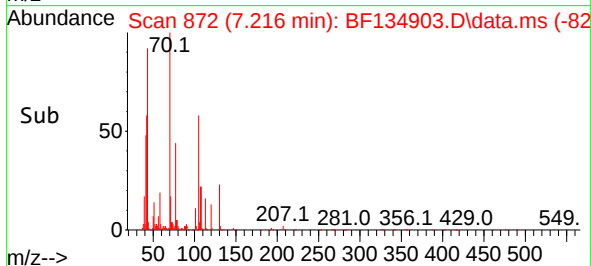
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-340MSD



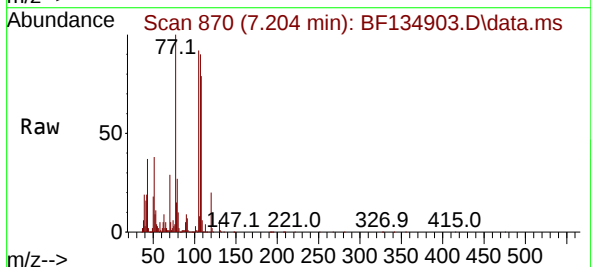
Tgt Ion: 70 Resp: 296479  
Ion Ratio Lower Upper  
70 100  
42 57.9 46.9 70.3  
101 10.6 7.5 11.3  
130 23.3 16.9 25.3

Manual Integrations  
APPROVED

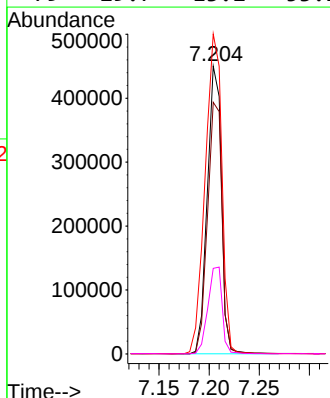
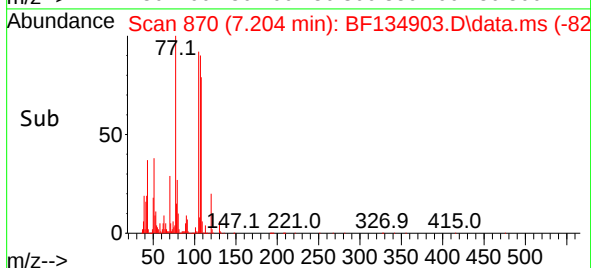
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023

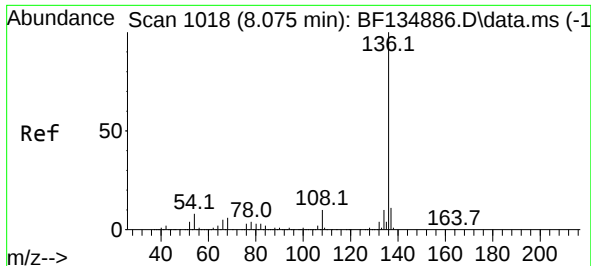


#20  
3+4-Methylphenols  
Concen: 52.101 ng  
RT: 7.204 min Scan# 870  
Delta R.T. -0.006 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31



Tgt Ion:107 Resp: 442109  
Ion Ratio Lower Upper  
107 100  
108 87.4 71.7 111.7  
77 111.1 98.4 138.4  
79 29.7 13.2 53.2





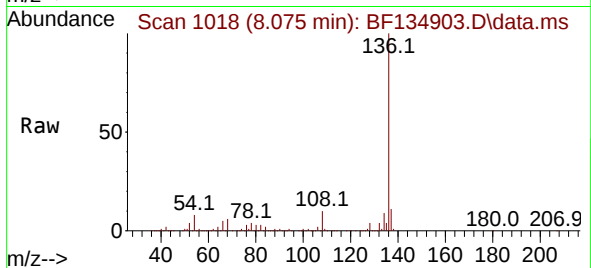
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.075 min Scan# 1018  
Delta R.T. -0.000 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MSD

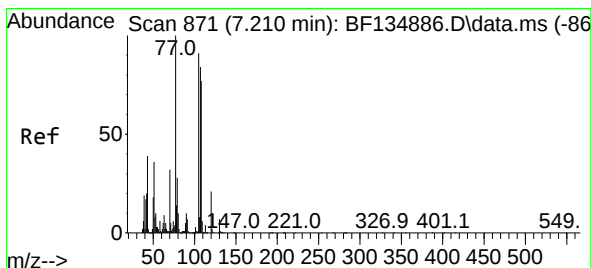
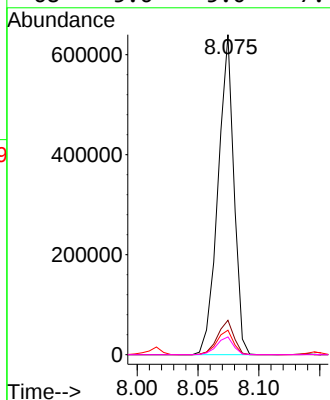
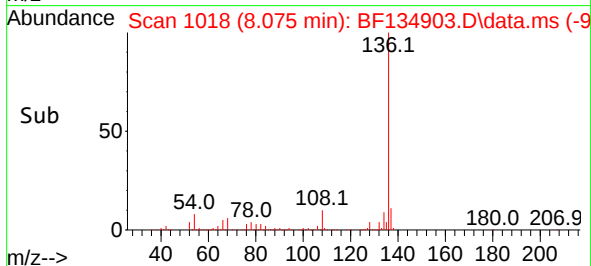


Tgt Ion:136 Resp: 58156  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.9 13.3  
54 7.7 6.6 9.8  
68 5.6 5.0 7.4

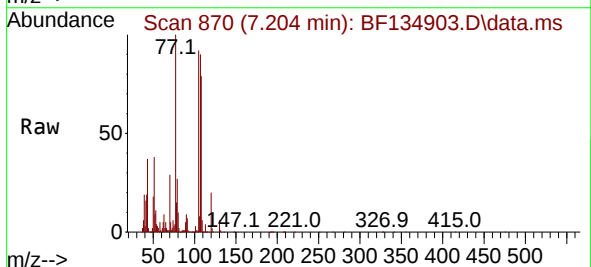
Manual Integrations

APPROVED

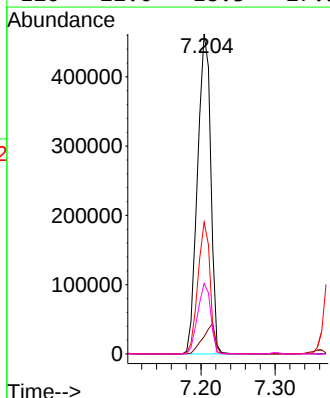
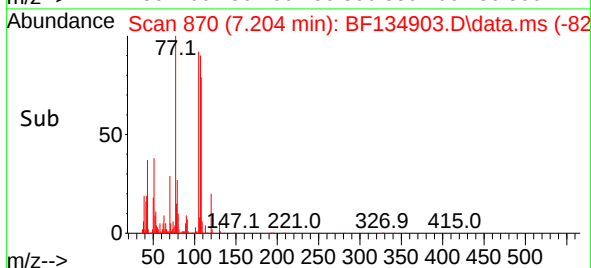
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023

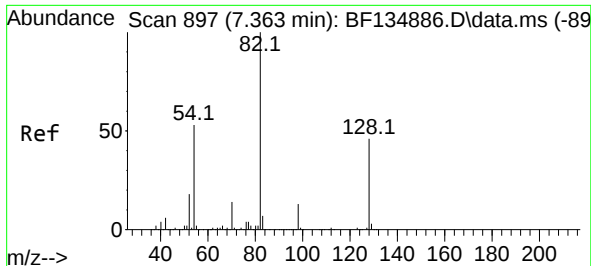


#22  
Acetophenone  
Concen: 44.559 ng  
RT: 7.204 min Scan# 870  
Delta R.T. -0.006 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31



Tgt Ion:105 Resp: 572767  
Ion Ratio Lower Upper  
105 100  
71 5.4 4.6 6.8  
51 41.2 32.2 48.2  
120 22.0 18.3 27.5





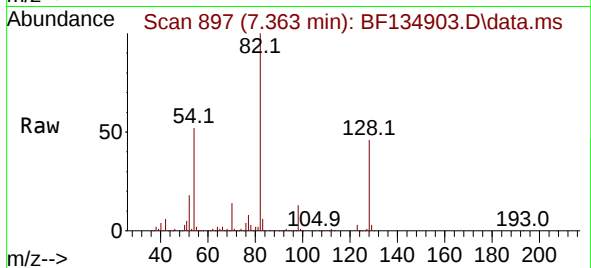
#23  
Nitrobenzene-d5  
Concen: 81.321 ng  
RT: 7.363 min Scan# 897  
Delta R.T. -0.000 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MSD

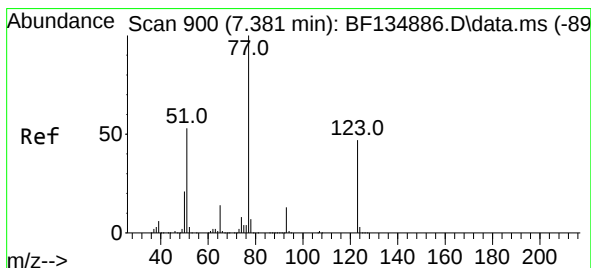
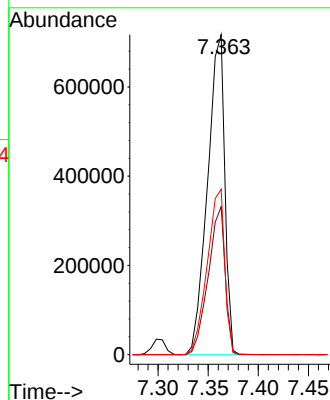
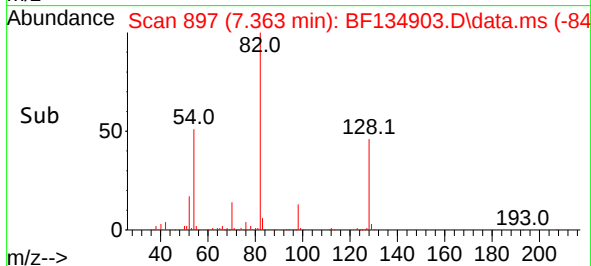


Tgt Ion: 82 Resp: 85825  
Ion Ratio Lower Upper  
82 100  
128 46.2 36.6 54.8  
54 51.7 42.6 63.8

Manual Integrations

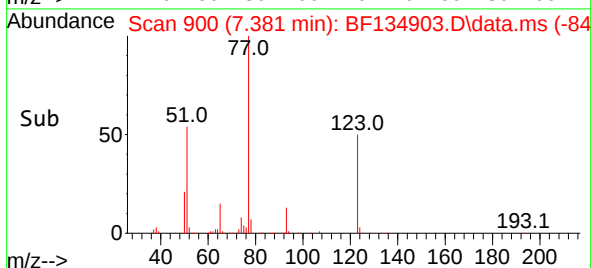
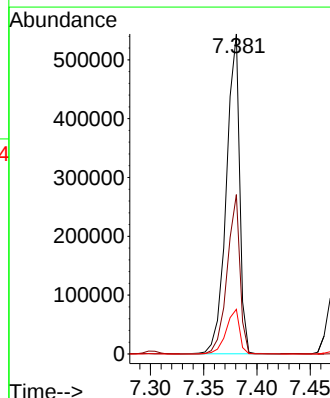
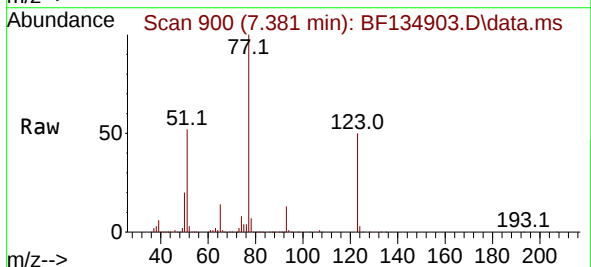
APPROVED

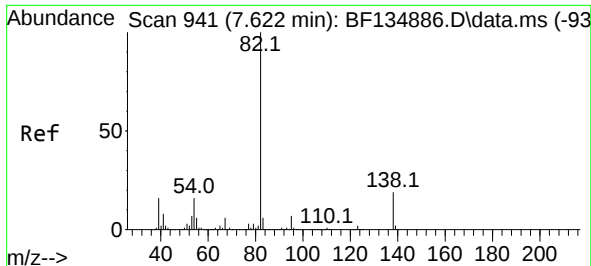
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023



#24  
Nitrobenzene  
Concen: 44.350 ng  
RT: 7.381 min Scan# 900  
Delta R.T. -0.000 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

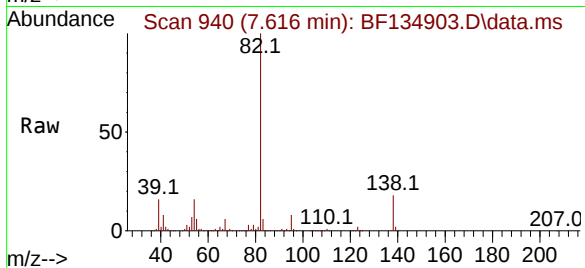
Tgt Ion: 77 Resp: 469676  
Ion Ratio Lower Upper  
77 100  
123 49.8 37.9 56.9  
65 14.0 11.1 16.7





#25  
Isophorone  
Concen: 44.898 ng  
RT: 7.616 min Scan# 941  
Delta R.T. -0.006 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

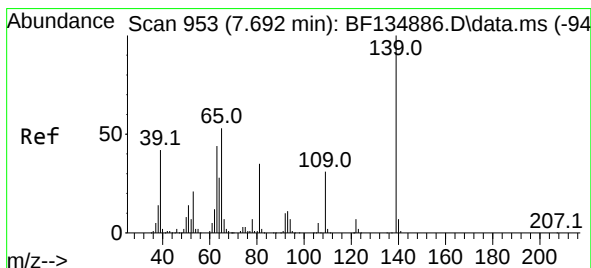
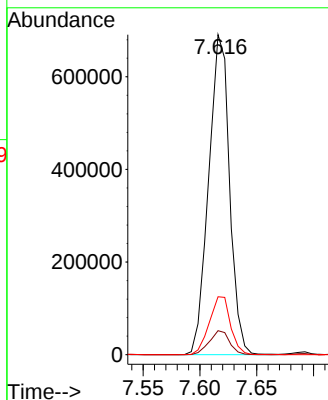
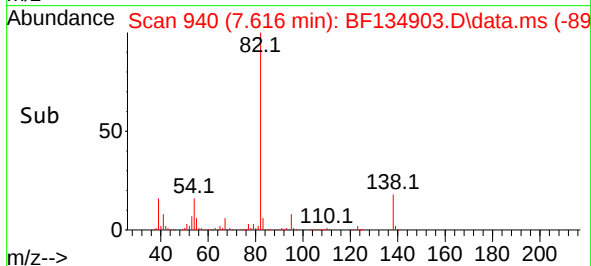
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-340MSD



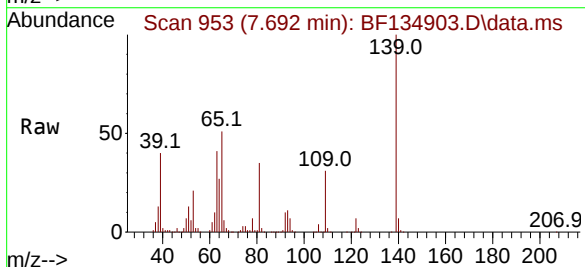
Tgt Ion: 82 Resp: 884814  
Ion Ratio Lower Upper  
82 100  
95 7.5 5.9 8.9  
138 18.1 14.9 22.3

Manual Integrations  
APPROVED

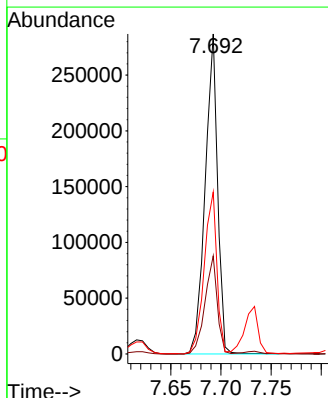
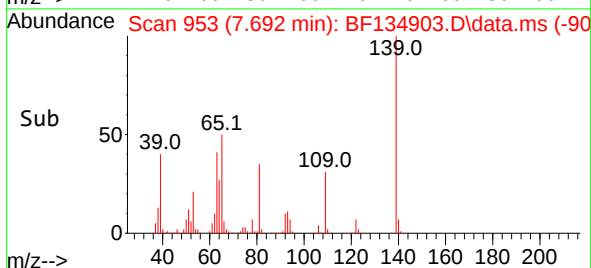
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023

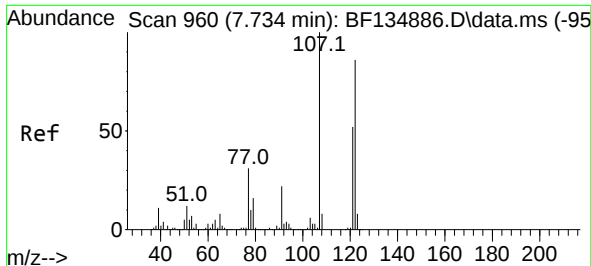


#26  
2-Nitrophenol  
Concen: 47.107 ng  
RT: 7.692 min Scan# 953  
Delta R.T. -0.000 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31



Tgt Ion:139 Resp: 248364  
Ion Ratio Lower Upper  
139 100  
109 30.7 24.5 36.7  
65 50.6 42.4 63.6





#27

2,4-Dimethylphenol

Concen: 45.886 ng

RT: 7.734 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF134903.D

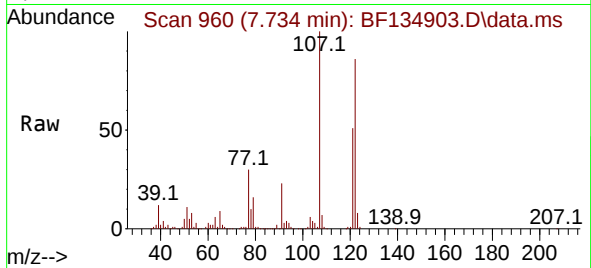
Acq: 23 Aug 2023 14:31

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MSD



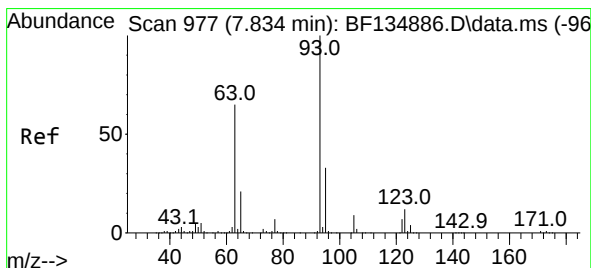
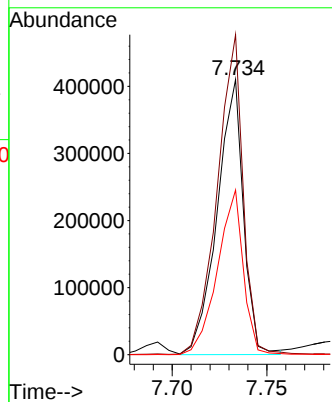
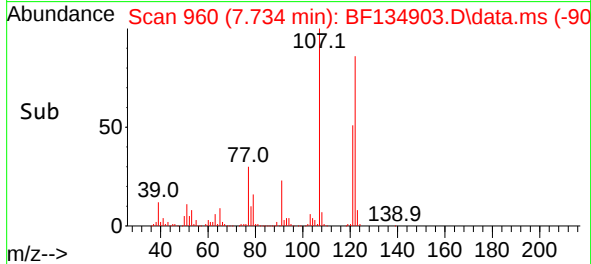
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 122   | Resp: | 39458 |
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 107       | 116.3 | 92.9  | 139.3 |
| 121       | 59.9  | 48.4  | 72.6  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#28

bis(2-Chloroethoxy)methane

Concen: 45.073 ng

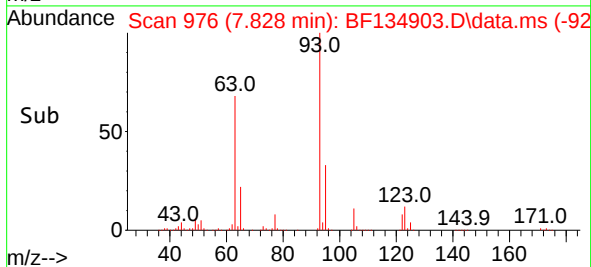
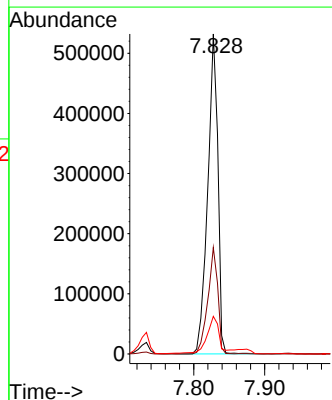
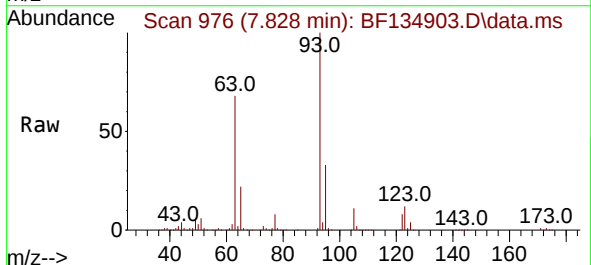
RT: 7.828 min Scan# 976

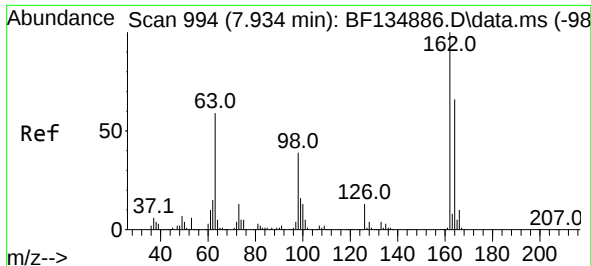
Delta R.T. -0.006 min

Lab File: BF134903.D

Acq: 23 Aug 2023 14:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 529420 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 33.3  | 26.3  | 39.5   |
| 123       | 11.8  | 9.9   | 14.9   |





#29

2,4-Dichlorophenol

Concen: 47.670 ng

RT: 7.933 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF134903.D

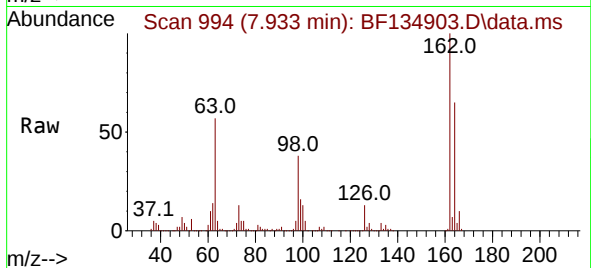
Acq: 23 Aug 2023 14:31

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MSD



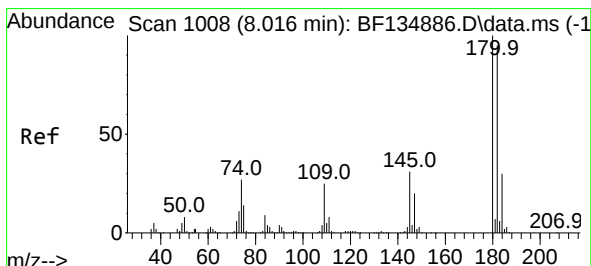
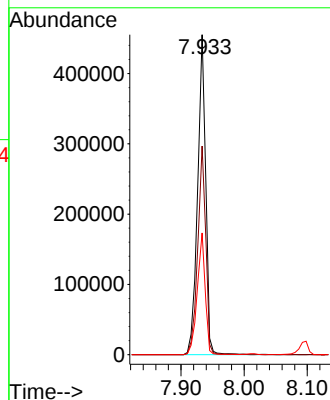
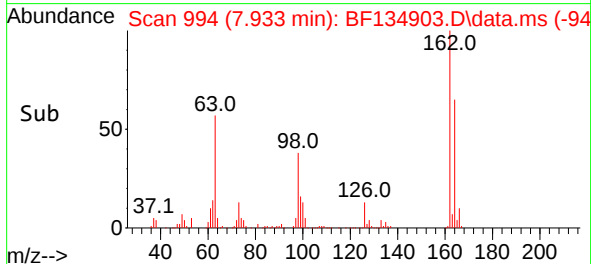
|             |                |
|-------------|----------------|
| Tgt Ion:162 | Resp: 40503    |
| Ion Ratio   | Lower Upper    |
| 162         | 100            |
| 164         | 65.2 45.6 85.6 |
| 98          | 38.1 18.5 58.5 |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.775 ng

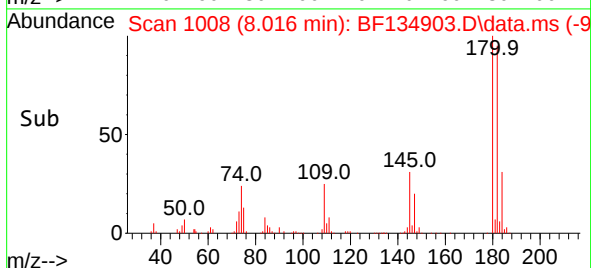
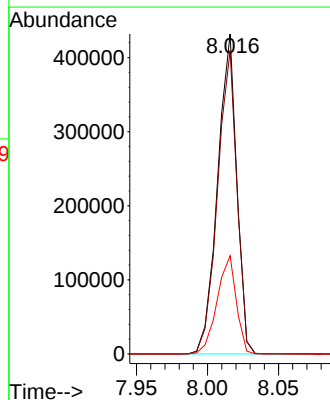
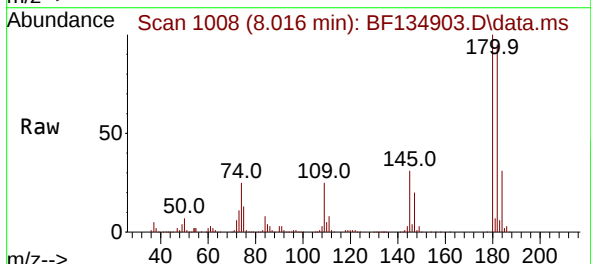
RT: 8.016 min Scan# 1008

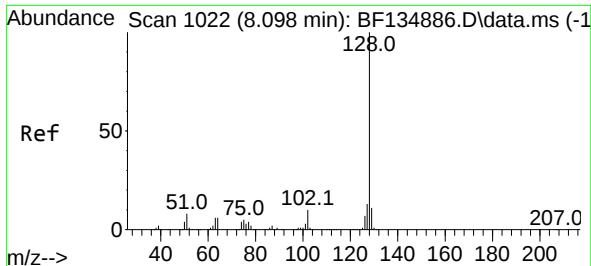
Delta R.T. -0.000 min

Lab File: BF134903.D

Acq: 23 Aug 2023 14:31

|             |                 |
|-------------|-----------------|
| Tgt Ion:180 | Resp: 403884    |
| Ion Ratio   | Lower Upper     |
| 180         | 100             |
| 182         | 94.8 76.0 114.0 |
| 145         | 30.7 24.6 37.0  |





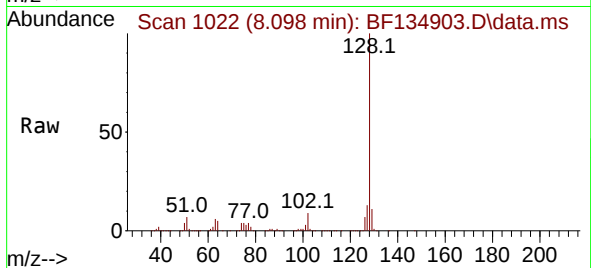
#31  
Naphthalene  
Concen: 43.964 ng  
RT: 8.098 min Scan# 1022  
Delta R.T. -0.000 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MSD

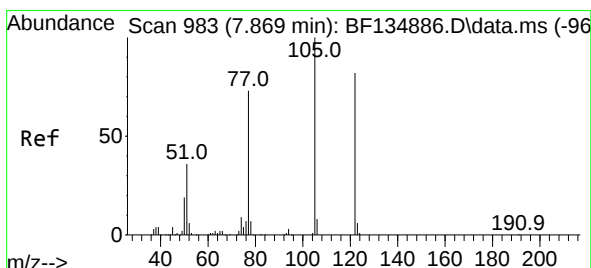
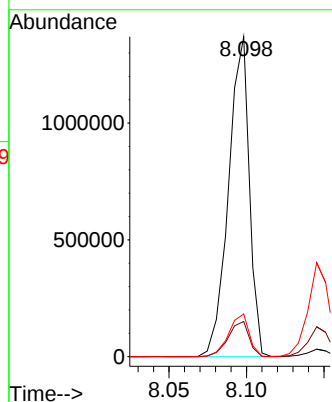
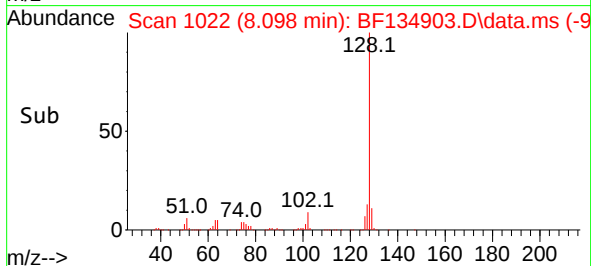


Tgt Ion:128 Resp: 127668  
Ion Ratio Lower Upper  
128 100  
129 11.0 9.0 13.4  
127 13.4 10.6 16.0

Manual Integrations

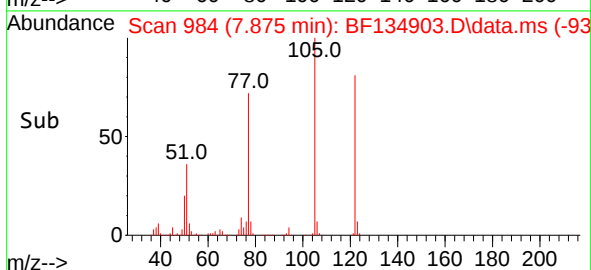
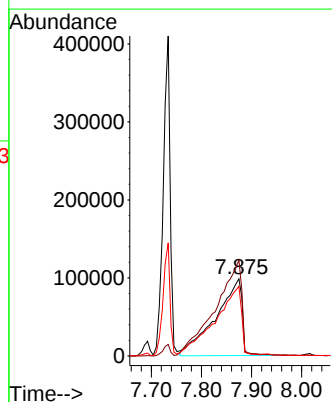
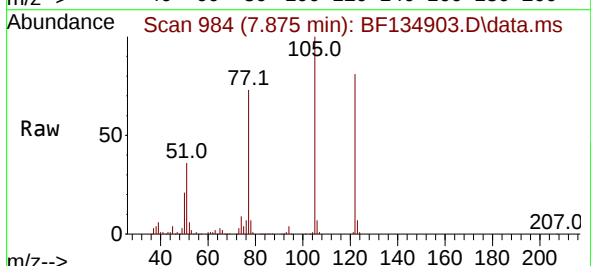
APPROVED

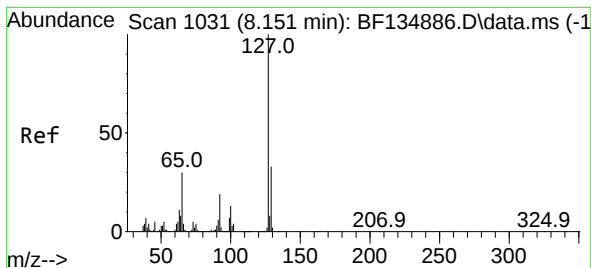
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023



#32  
Benzoic acid  
Concen: 56.639 ng  
RT: 7.875 min Scan# 984  
Delta R.T. 0.006 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

Tgt Ion:122 Resp: 359445  
Ion Ratio Lower Upper  
122 100  
105 124.1 98.6 138.6  
77 90.2 68.6 108.6





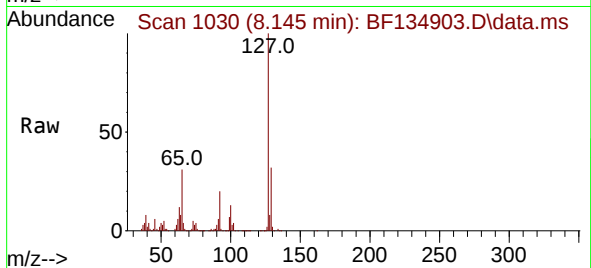
#33  
4-Chloroaniline  
Concen: 31.585 ng  
RT: 8.145 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MSD

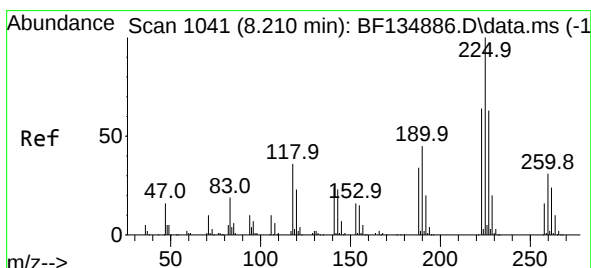
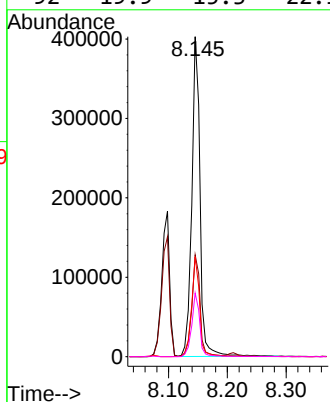
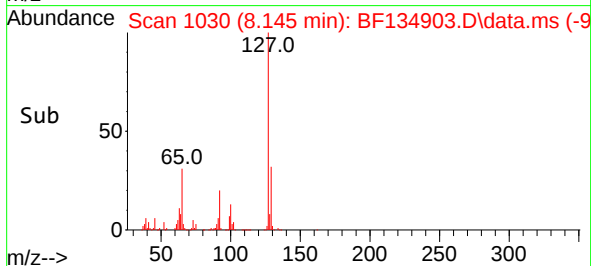


Tgt Ion:127 Resp: 393538  
Ion Ratio Lower Upper  
127 100  
129 31.9 26.4 39.6  
65 31.3 23.8 35.8  
92 19.9 15.3 22.9

Manual Integrations

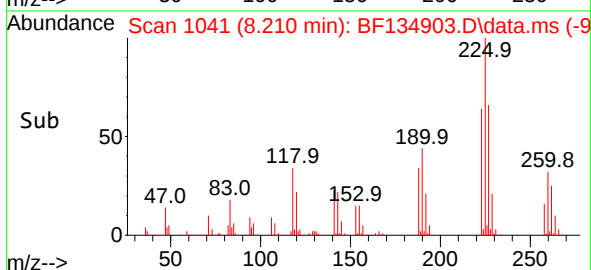
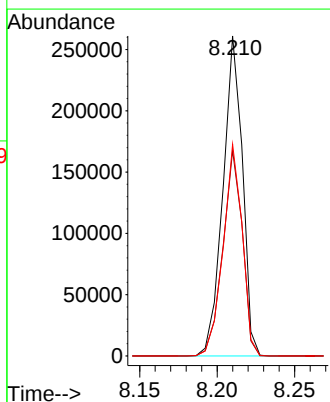
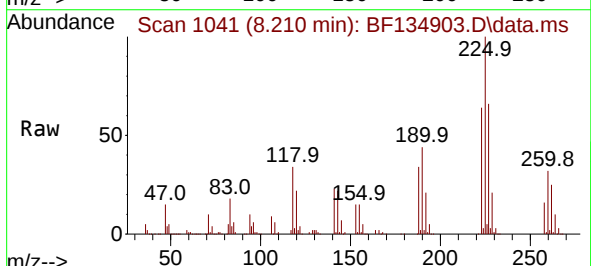
APPROVED

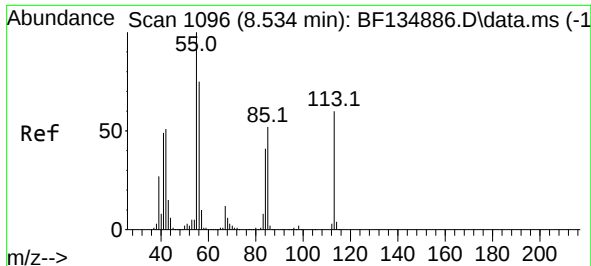
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023



#34  
Hexachlorobutadiene  
Concen: 42.434 ng  
RT: 8.210 min Scan# 1041  
Delta R.T. -0.000 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

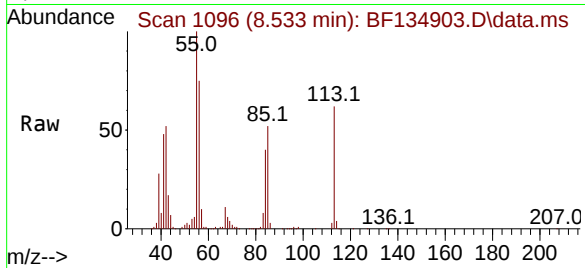
Tgt Ion:225 Resp: 227650  
Ion Ratio Lower Upper  
225 100  
223 64.2 51.1 76.7  
227 66.2 50.1 75.1





#35  
 Caprolactam  
 Concen: 52.344 ng m  
 RT: 8.533 min Scan# 1096  
 Delta R.T. -0.000 min  
 Lab File: BF134903.D  
 Acq: 23 Aug 2023 14:31

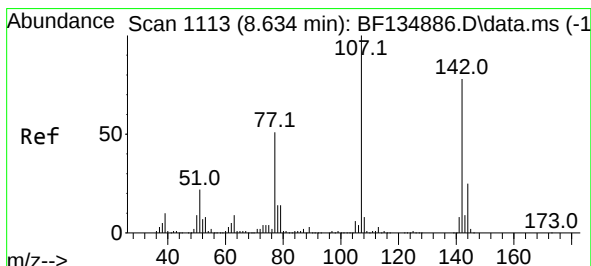
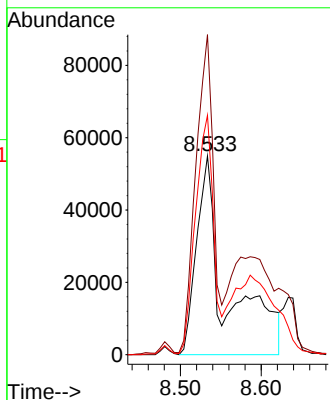
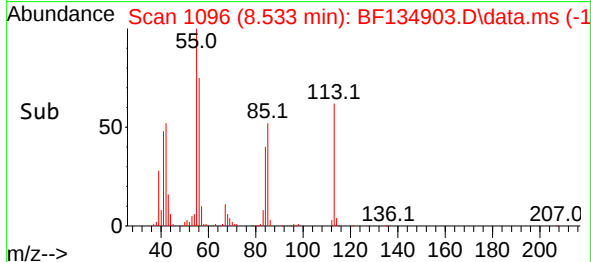
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ETGI-340MSD



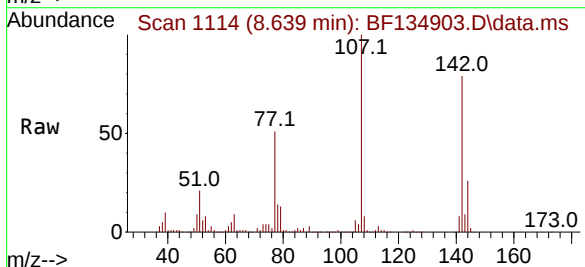
Tgt Ion:113 Resp: 13883  
 Ion Ratio Lower Upper  
 113 100  
 55 161.1 147.2 187.2  
 56 120.5 106.0 146.0

Manual Integrations  
 APPROVED

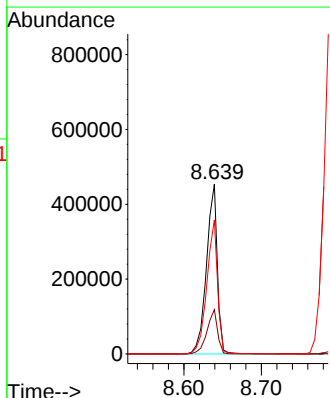
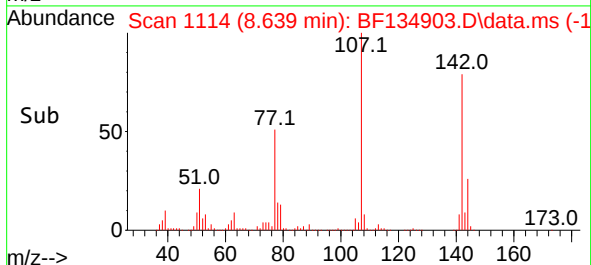
Reviewed By :Yogesh Patel 08/24/2023  
 Supervised By :mohammad ahmed 08/24/2023

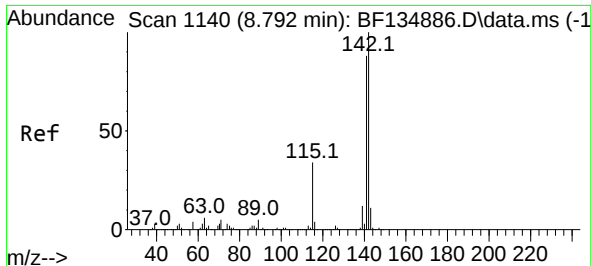


#36  
 4-Chloro-3-methylphenol  
 Concen: 49.327 ng  
 RT: 8.639 min Scan# 1114  
 Delta R.T. 0.006 min  
 Lab File: BF134903.D  
 Acq: 23 Aug 2023 14:31



Tgt Ion:107 Resp: 442273  
 Ion Ratio Lower Upper  
 107 100  
 144 26.1 20.2 30.2  
 142 79.0 62.5 93.7





#37  
2-Methylnaphthalene  
Concen: 44.464 ng  
RT: 8.786 min Scan# 1139  
Delta R.T. -0.006 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

Instrument :

BNA\_F

ClientSampleId :

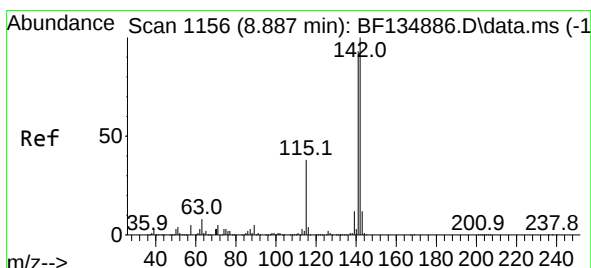
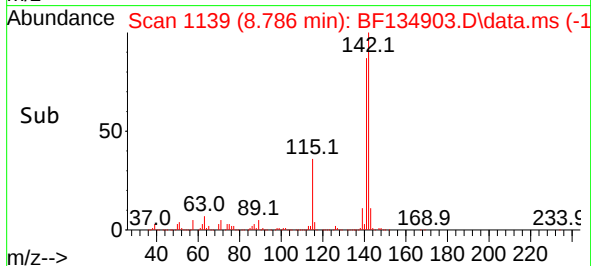
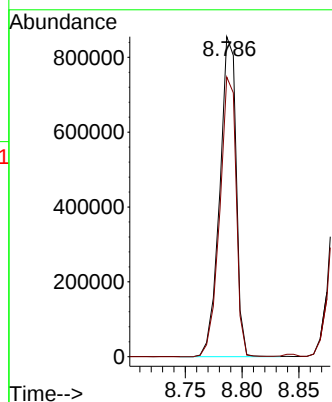
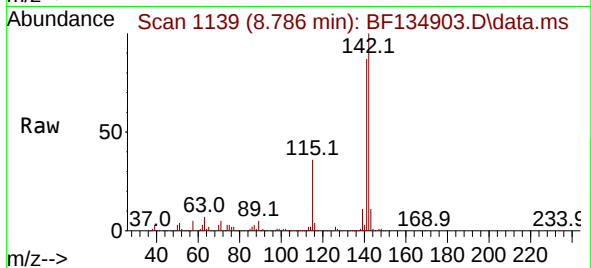
ETGI-340MSD

Tgt Ion:142 Resp: 86107  
Ion Ratio Lower Upper  
142 100  
141 87.4 70.2 105.2

Manual Integrations

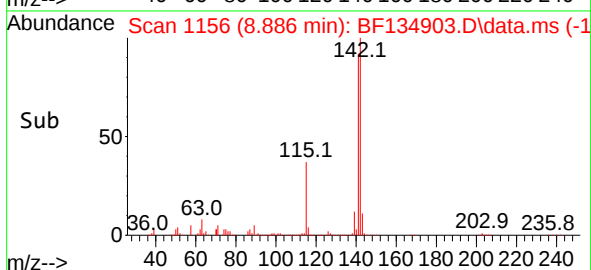
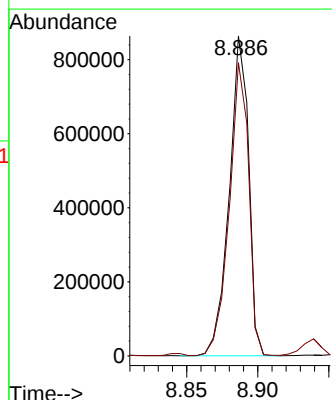
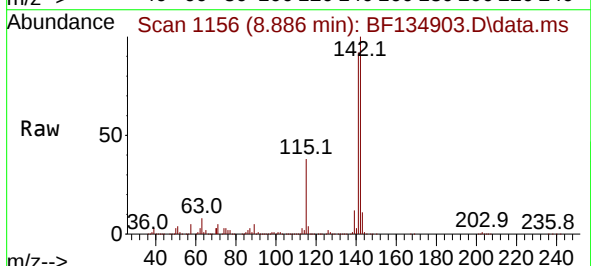
APPROVED

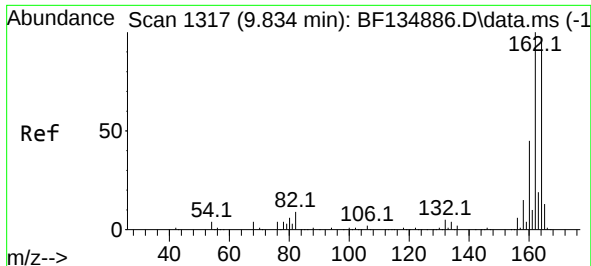
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023



#38  
1-Methylnaphthalene  
Concen: 45.239 ng  
RT: 8.886 min Scan# 1156  
Delta R.T. -0.000 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

Tgt Ion:142 Resp: 819201  
Ion Ratio Lower Upper  
142 100  
141 91.7 74.1 111.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1116

Delta R.T. -0.000 min

Lab File: BF134903.D

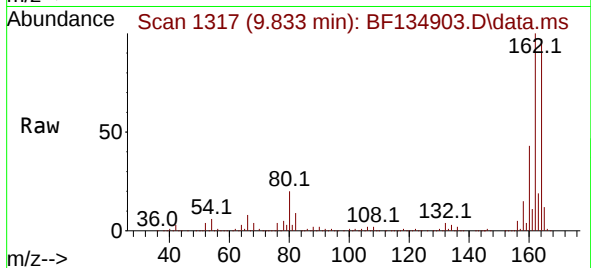
Acq: 23 Aug 2023 14:31

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MSD



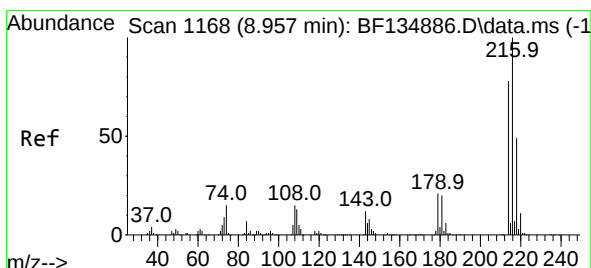
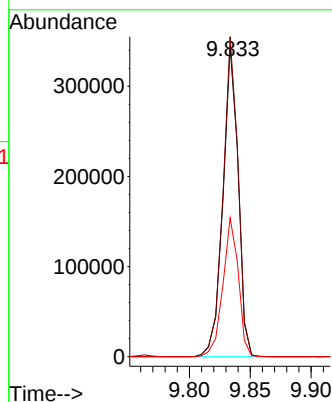
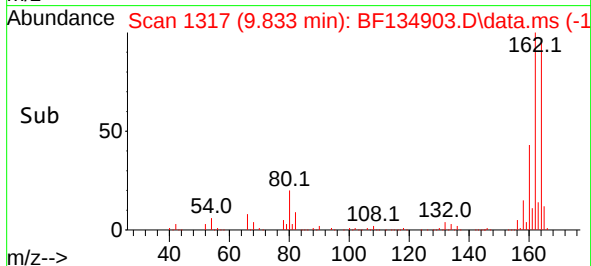
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:164 | Resp: | 299690     |
| Ion Ratio   | Lower | Upper      |
| 164         | 100   |            |
| 162         | 103.1 | 82.6 123.8 |
| 160         | 44.7  | 37.0 55.4  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.527 ng

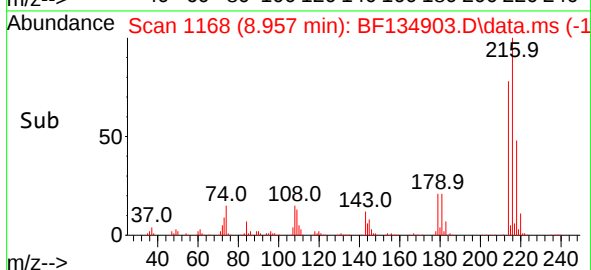
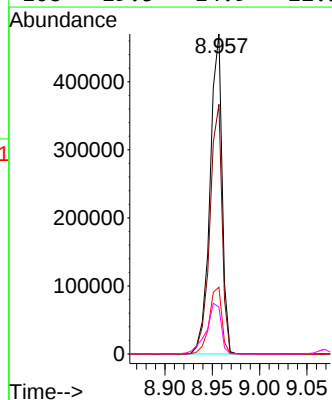
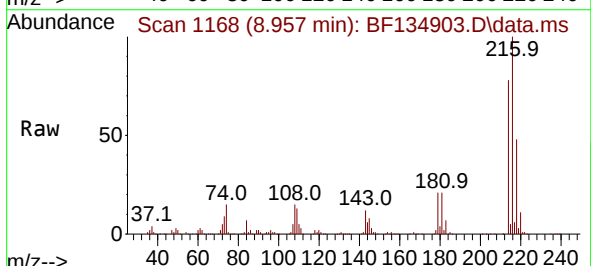
RT: 8.957 min Scan# 1168

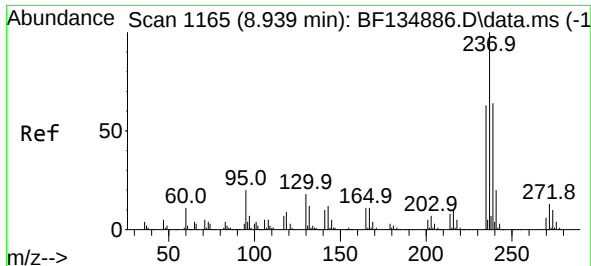
Delta R.T. -0.000 min

Lab File: BF134903.D

Acq: 23 Aug 2023 14:31

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:216 | Resp: | 415761    |
| Ion Ratio   | Lower | Upper     |
| 216         | 100   |           |
| 214         | 79.1  | 63.1 94.7 |
| 179         | 21.7  | 17.3 25.9 |
| 108         | 19.5  | 14.9 22.3 |





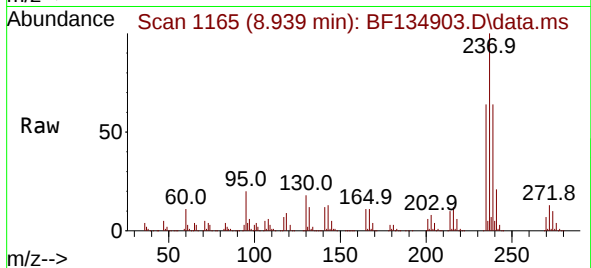
#41  
Hexachlorocyclopentadiene  
Concen: 88.549 ng  
RT: 8.939 min Scan# 1165  
Delta R.T. 0.000 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MSD

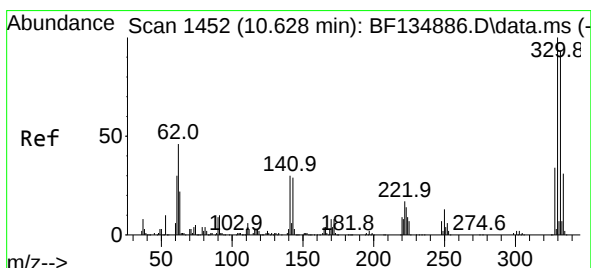
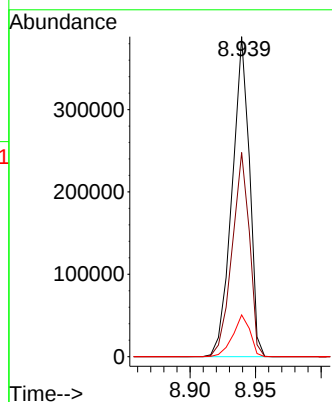
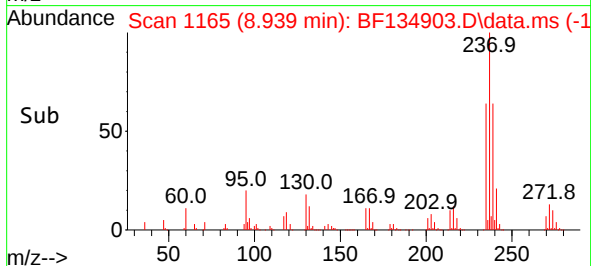


Tgt Ion:237 Resp: 358018  
Ion Ratio Lower Upper  
237 100  
235 63.8 43.1 83.1  
272 13.1 0.0 32.6

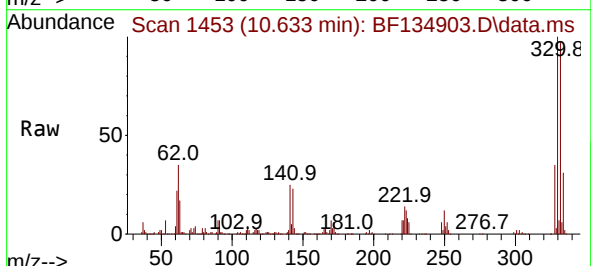
Manual Integrations

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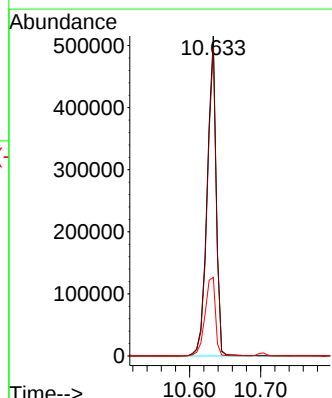
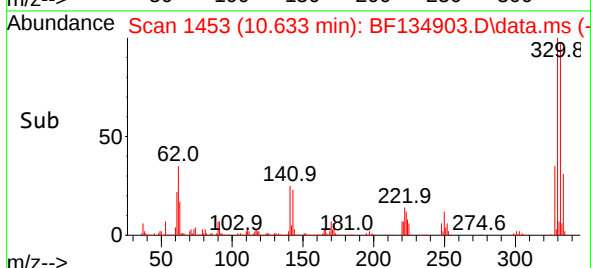
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023

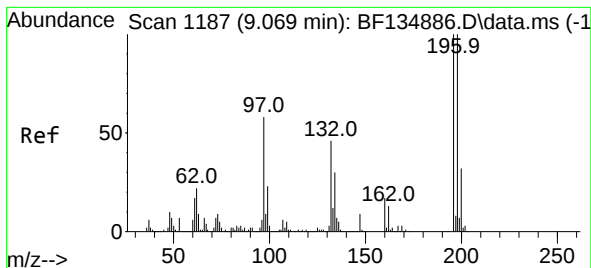


#42  
2,4,6-Tribromophenol  
Concen: 128.873 ng  
RT: 10.633 min Scan# 1453  
Delta R.T. 0.006 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31



Tgt Ion:330 Resp: 454879  
Ion Ratio Lower Upper  
330 100  
332 96.2 76.3 114.5  
141 28.6 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 49.142 ng

RT: 9.069 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF134903.D

Acq: 23 Aug 2023 14:31

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MSD

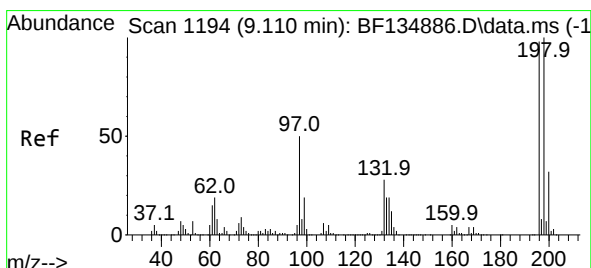
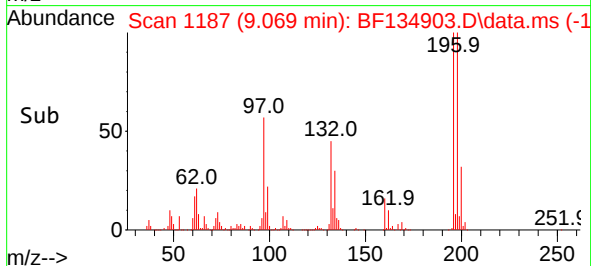
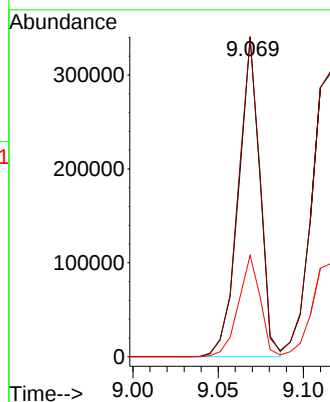
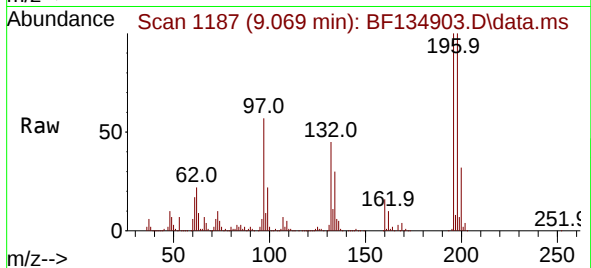
Tgt Ion:196 Resp: 296384  
 Ion Ratio Lower Upper  
 196 100  
 198 99.6 79.8 119.6  
 200 31.7 25.8 38.6

Manual Integrations

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Supervised By :mohammad ahmed 08/24/2023



#44

2,4,5-Trichlorophenol

Concen: 46.187 ng

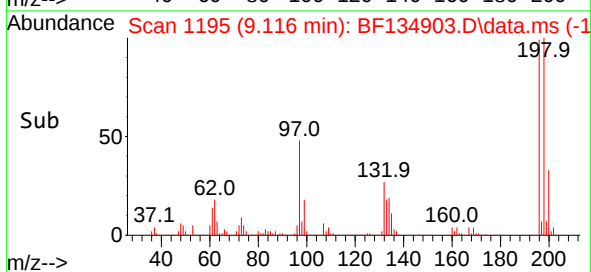
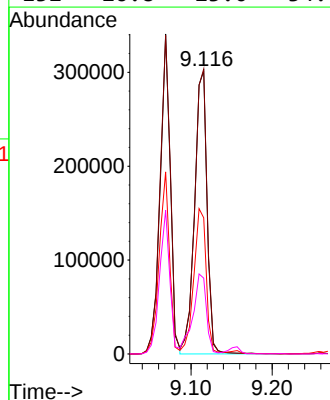
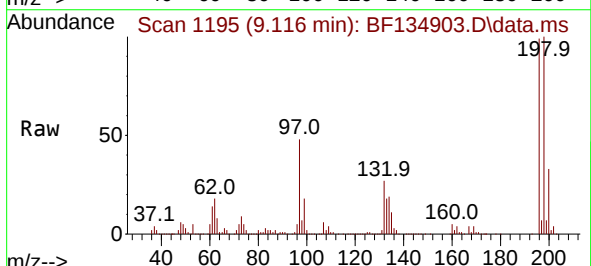
RT: 9.116 min Scan# 1195

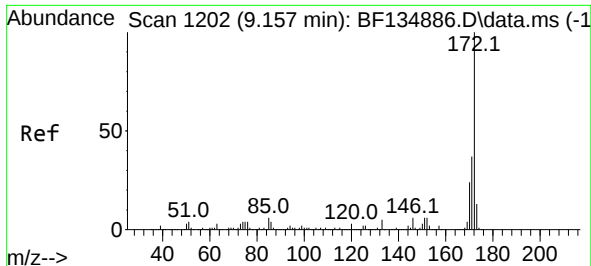
Delta R.T. 0.006 min

Lab File: BF134903.D

Acq: 23 Aug 2023 14:31

Tgt Ion:196 Resp: 322507  
 Ion Ratio Lower Upper  
 196 100  
 198 100.7 81.8 122.6  
 97 48.2 41.3 61.9  
 132 26.8 23.0 34.4





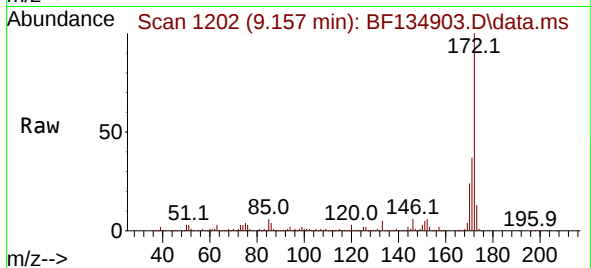
#45  
2-Fluorobiphenyl  
Concen: 79.246 ng  
RT: 9.157 min Scan# 1202  
Delta R.T. -0.000 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MSD

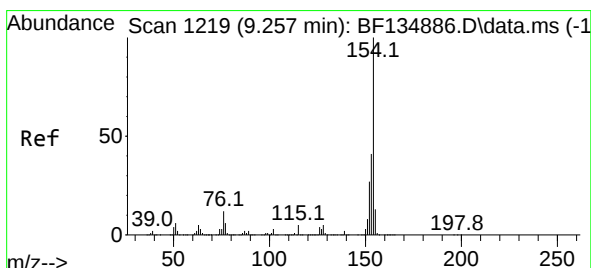
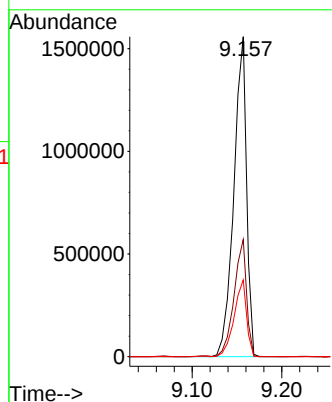
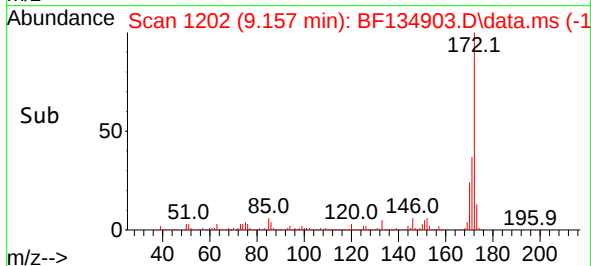


Tgt Ion:172 Resp: 1536309  
Ion Ratio Lower Upper  
172 100  
171 36.6 29.4 44.0  
170 24.0 19.6 29.4

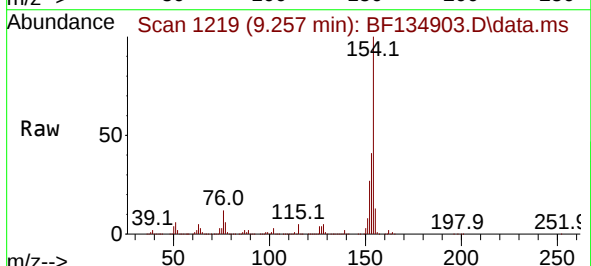
Manual Integrations

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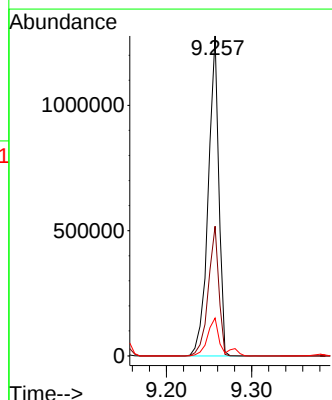
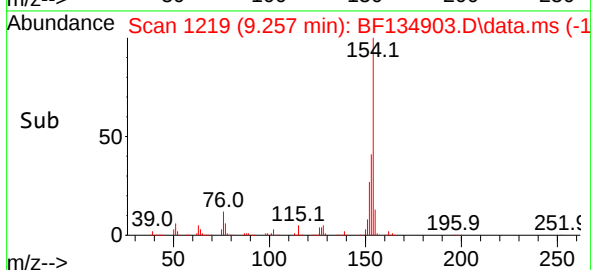
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023

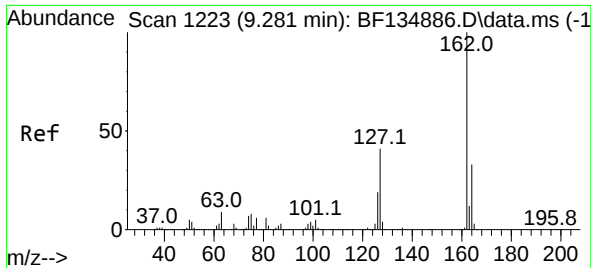


#46  
1,1'-Biphenyl  
Concen: 46.488 ng  
RT: 9.257 min Scan# 1219  
Delta R.T. -0.000 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31



Tgt Ion:154 Resp: 1099924  
Ion Ratio Lower Upper  
154 100  
153 40.5 21.3 61.3  
76 11.9 0.0 31.8





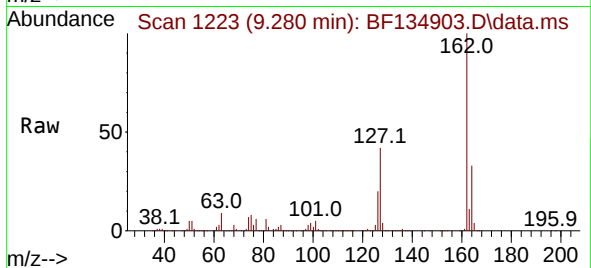
#47  
2-Chloronaphthalene  
Concen: 47.588 ng  
RT: 9.280 min Scan# 1223  
Delta R.T. -0.001 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

Instrument :

BNA\_F

ClientSampleId :

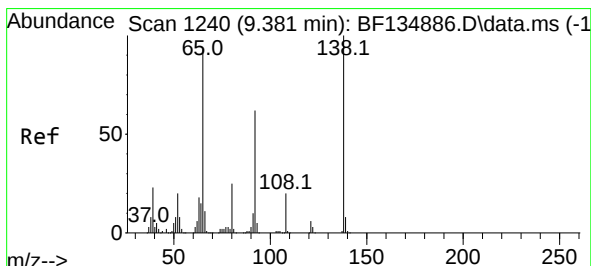
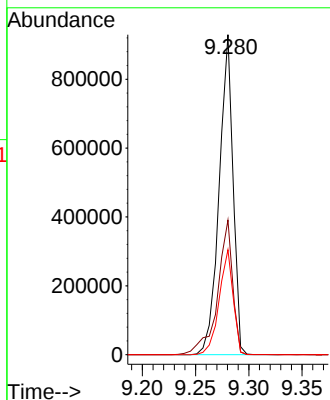
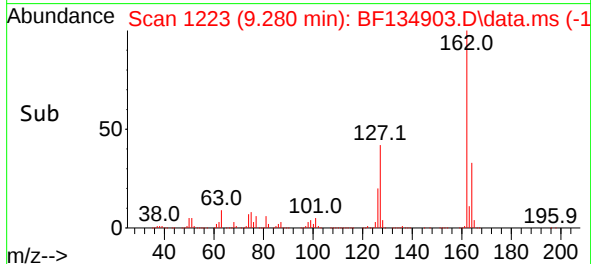
ETGI-340MSD



Tgt Ion:162 Resp: 840868  
Ion Ratio Lower Upper  
162 100  
127 42.1 33.4 50.0  
164 32.8 26.6 39.8

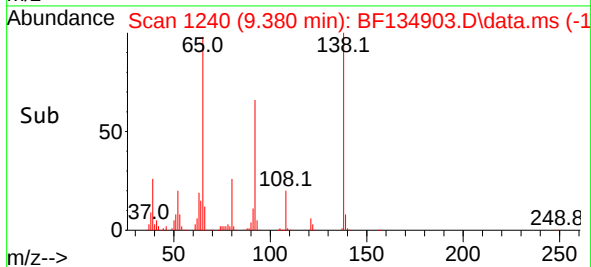
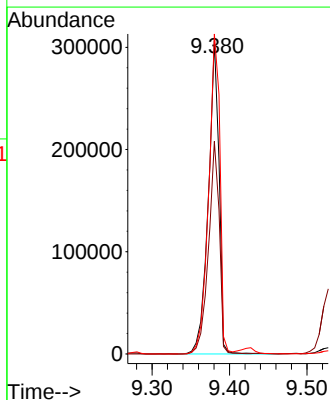
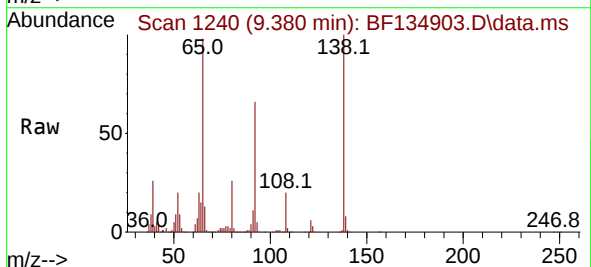
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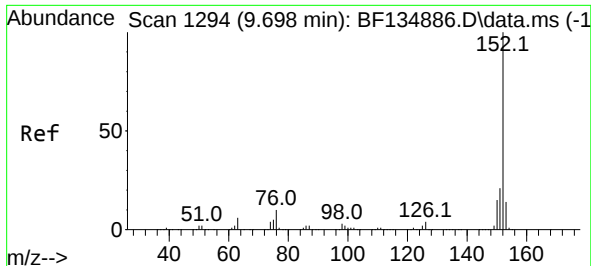
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023



#48  
2-Nitroaniline  
Concen: 50.615 ng  
RT: 9.380 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

Tgt Ion: 65 Resp: 293994  
Ion Ratio Lower Upper  
65 100  
92 67.9 53.8 80.8  
138 102.1 86.5 129.7





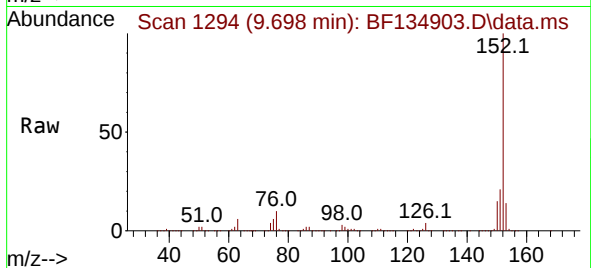
#49  
Acenaphthylene  
Concen: 47.966 ng  
RT: 9.698 min Scan# 1294  
Delta R.T. 0.000 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MSD

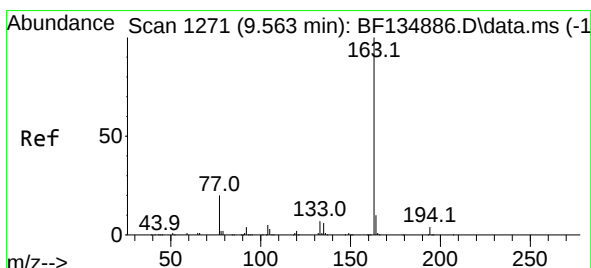
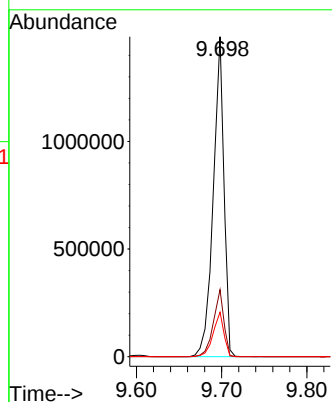
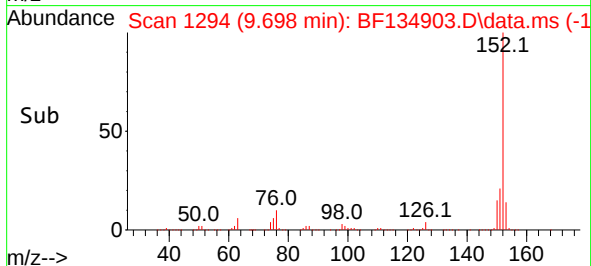


Tgt Ion:152 Resp: 1305224  
Ion Ratio Lower Upper  
152 100  
151 20.9 16.5 24.7  
153 13.9 11.3 16.9

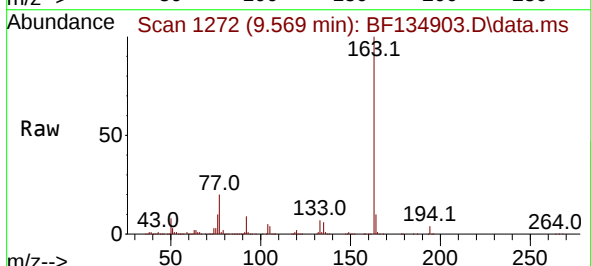
Manual Integrations

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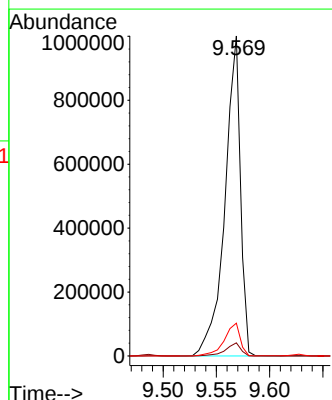
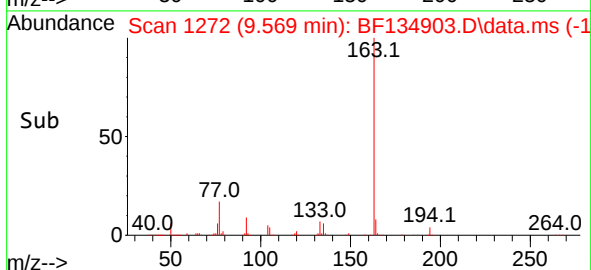
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023

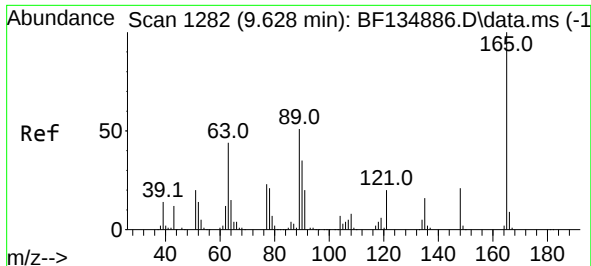


#50  
Dimethylphthalate  
Concen: 47.384 ng  
RT: 9.569 min Scan# 1272  
Delta R.T. 0.006 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31



Tgt Ion:163 Resp: 1010831  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.2 4.8  
164 10.2 8.2 12.4





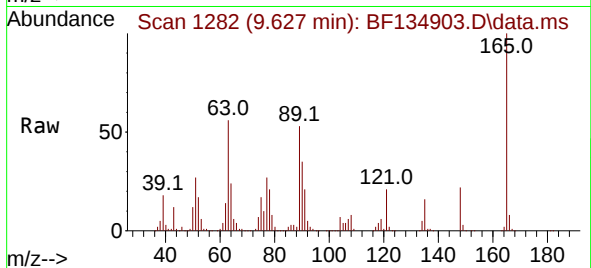
#51  
2,6-Dinitrotoluene  
Concen: 50.670 ng  
RT: 9.627 min Scan# 1282  
Delta R.T. -0.001 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

Instrument :

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ClientSampleId :

ETGI-340MSD

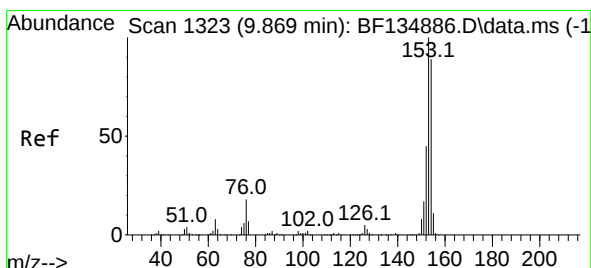
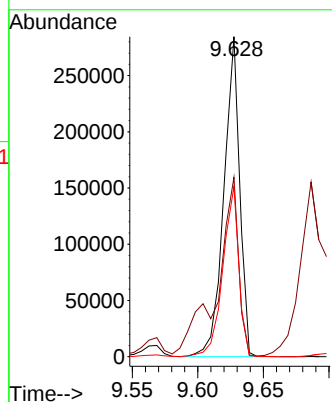
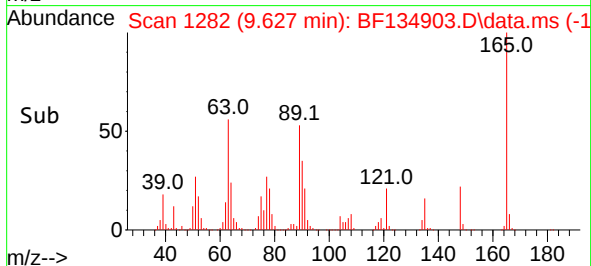


Tgt Ion:165 Resp: 23840  
Ion Ratio Lower Upper  
165 100  
63 56.1 41.4 62.2  
89 53.2 40.9 61.3

Manual Integrations

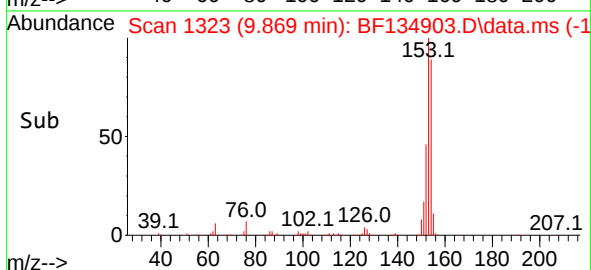
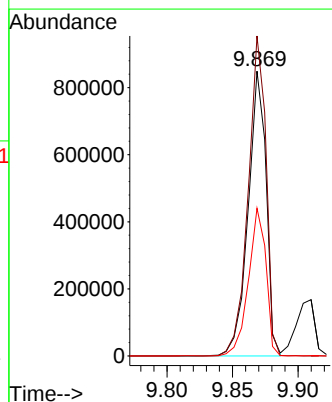
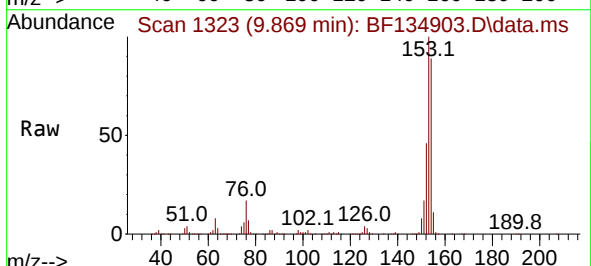
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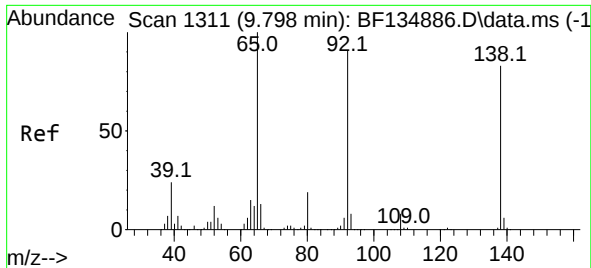
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023



#52  
Acenaphthene  
Concen: 47.267 ng  
RT: 9.869 min Scan# 1323  
Delta R.T. -0.000 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

Tgt Ion:154 Resp: 810279  
Ion Ratio Lower Upper  
154 100  
153 112.4 89.6 134.4  
152 51.9 40.5 60.7





#53  
3-Nitroaniline  
Concen: 38.957 ng  
RT: 9.798 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

Instrument :

BNA\_F

ClientSampleId :

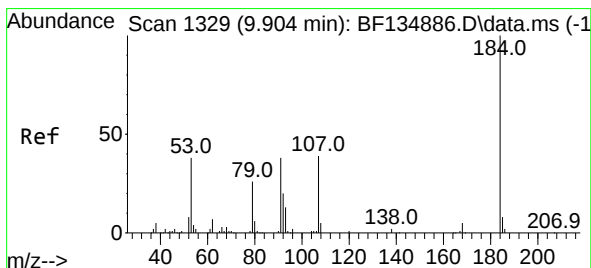
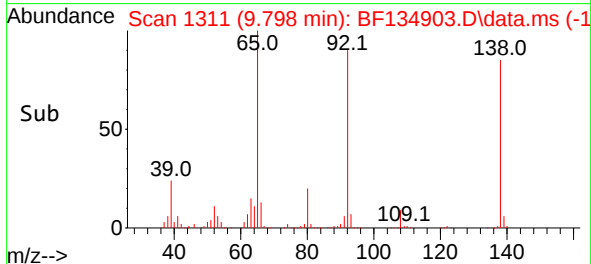
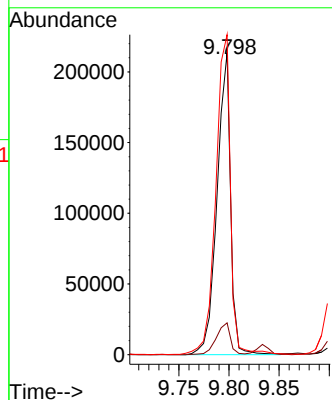
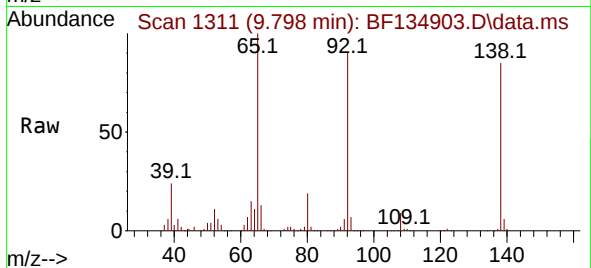
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Tgt Ion:138 Resp: 20020  
Ion Ratio Lower Upper  
138 100  
108 10.6 8.0 12.0  
92 106.0 87.6 131.4

Manual Integrations

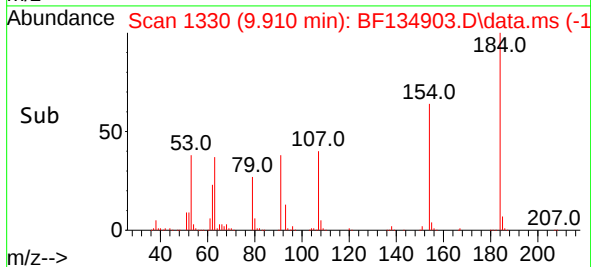
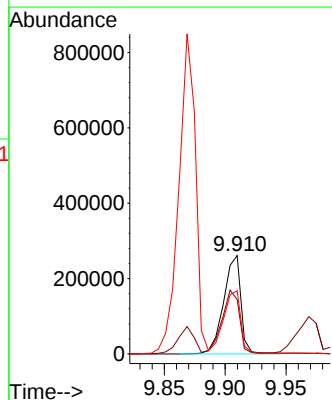
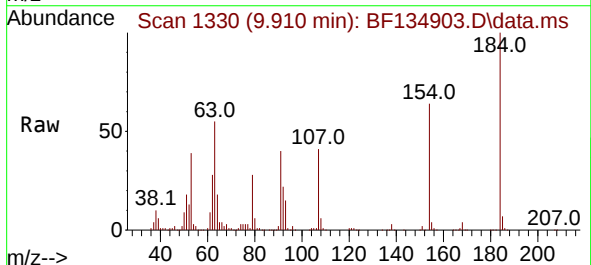
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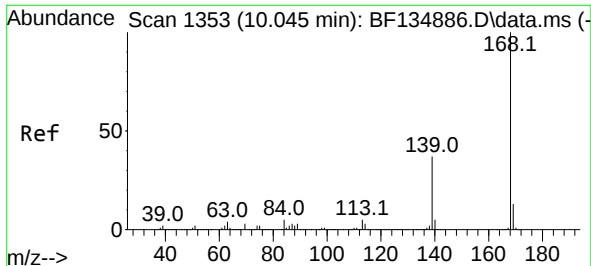
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023



#54  
2,4-Dinitrophenol  
Concen: 116.454 ng  
RT: 9.910 min Scan# 1330  
Delta R.T. 0.006 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

Tgt Ion:184 Resp: 259253  
Ion Ratio Lower Upper  
184 100  
63 55.3 42.8 64.2  
154 64.3 48.0 72.0





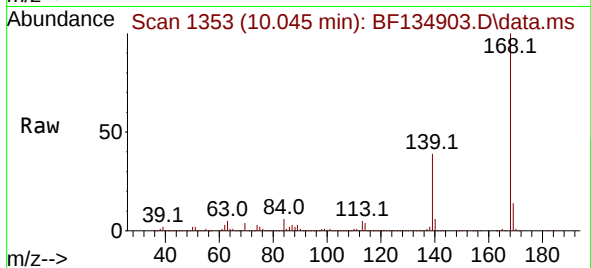
#55  
Dibenzenofuran  
Concen: 46.643 ng  
RT: 10.045 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MSD



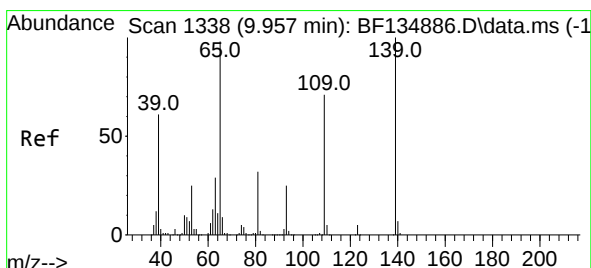
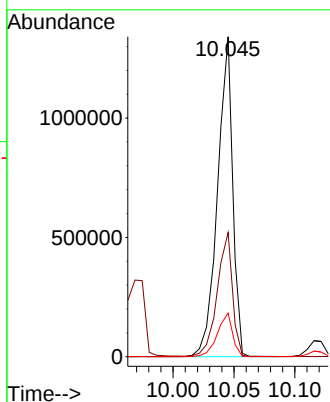
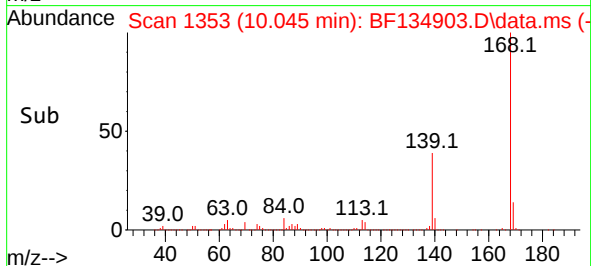
Tgt Ion:168 Resp: 116412  
Ion Ratio Lower Upper  
168 100  
139 38.8 29.5 44.3  
169 13.6 10.7 16.1

Manual Integrations

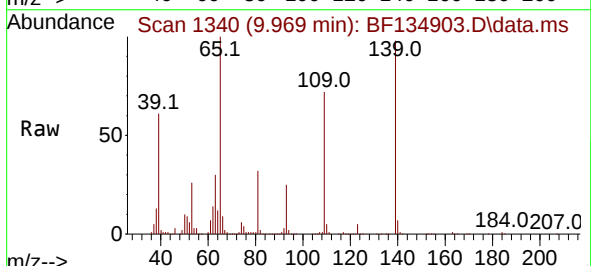
APPROVED

Reviewed By :Yogesh Patel 08/24/2023

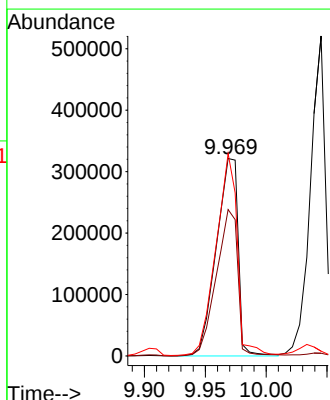
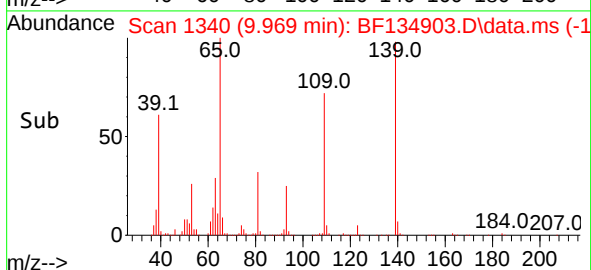
Supervised By :mohammad ahmed 08/24/2023

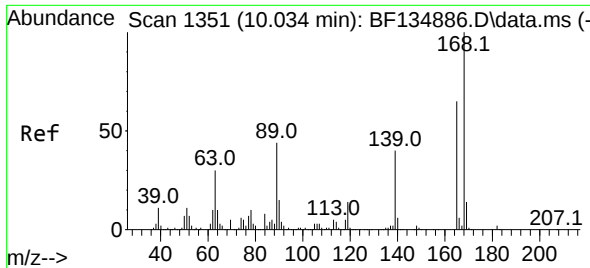


#56  
4-Nitrophenol  
Concen: 111.930 ng  
RT: 9.969 min Scan# 1340  
Delta R.T. 0.012 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31



Tgt Ion:139 Resp: 400856  
Ion Ratio Lower Upper  
139 100  
109 74.1 51.0 91.0  
65 102.5 78.5 118.5





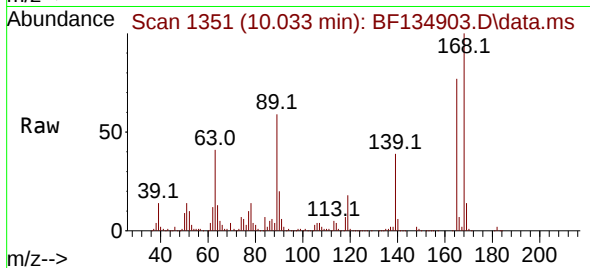
#57  
2,4-Dinitrotoluene  
Concen: 52.199 ng  
RT: 10.033 min Scan# 1351  
Delta R.T. -0.001 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MSD

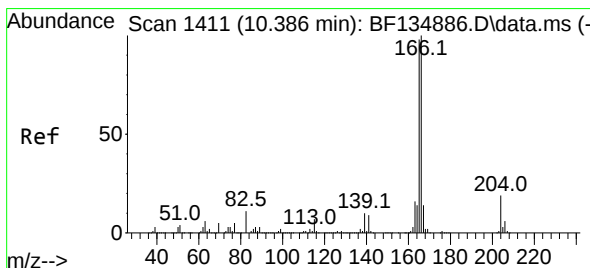
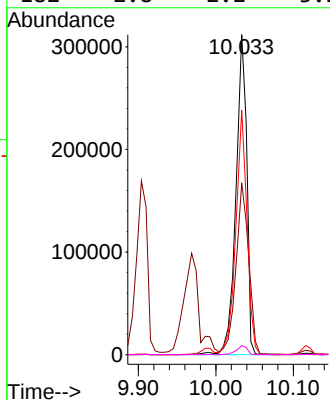
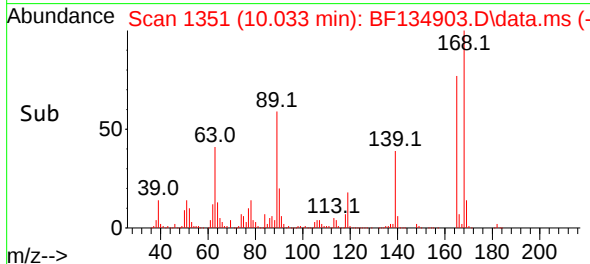


Tgt Ion:165 Resp: 303730  
Ion Ratio Lower Upper  
165 100  
63 53.7 37.7 56.5  
89 76.4 54.2 81.4  
182 2.8 2.2 3.2

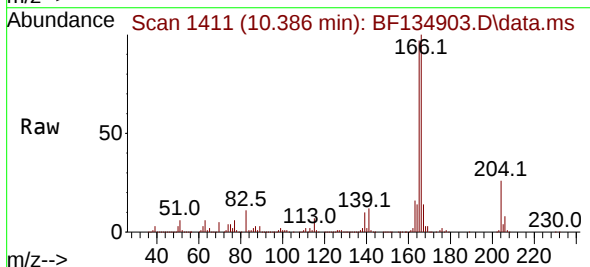
Manual Integrations

APPROVED

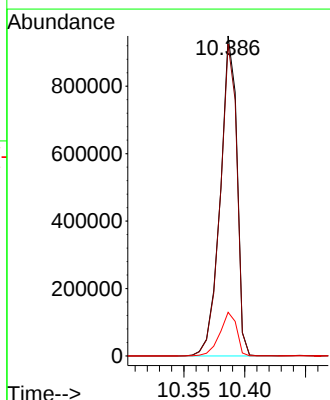
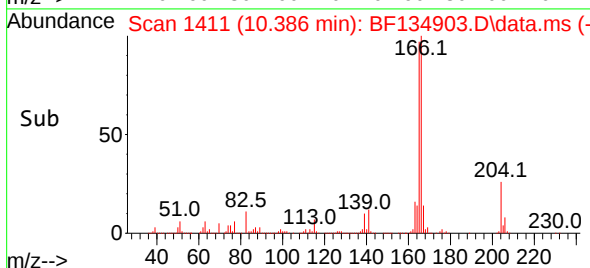
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023

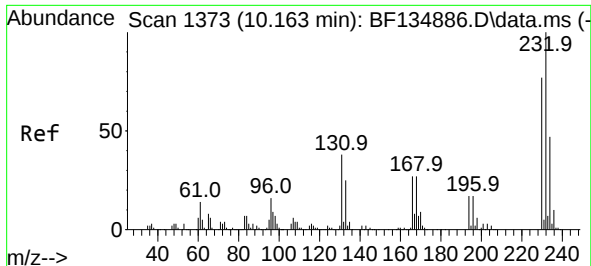


#58  
Fluorene  
Concen: 47.743 ng  
RT: 10.386 min Scan# 1411  
Delta R.T. 0.000 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31



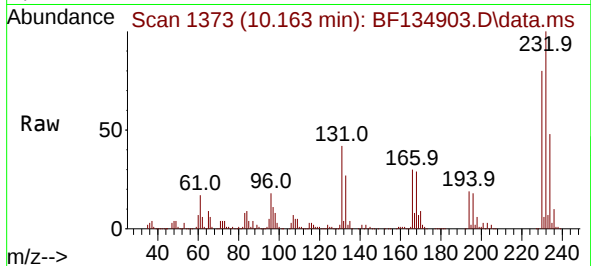
Tgt Ion:166 Resp: 903763  
Ion Ratio Lower Upper  
166 100  
165 97.4 78.5 117.7  
167 13.7 11.0 16.6





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 51.708 ng  
RT: 10.163 min Scan# 1373  
Delta R.T. -0.000 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

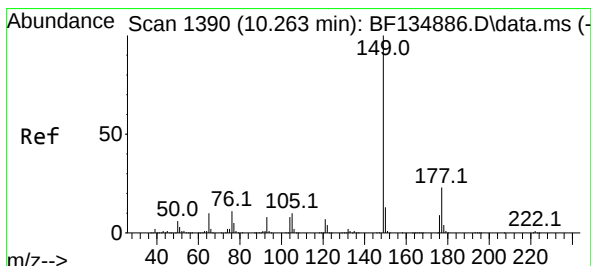
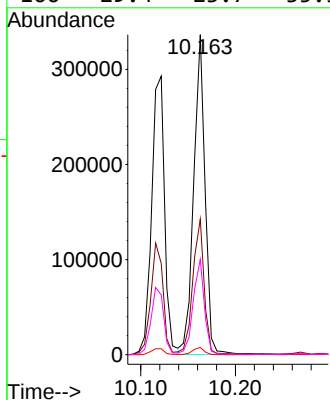
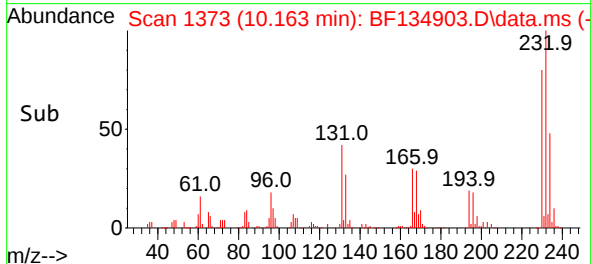
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-340MSD



Tgt Ion:232 Resp: 28130  
Ion Ratio Lower Upper  
232 100  
131 42.6 33.9 50.9  
130 2.3 1.6 2.4  
166 29.4 23.7 35.5

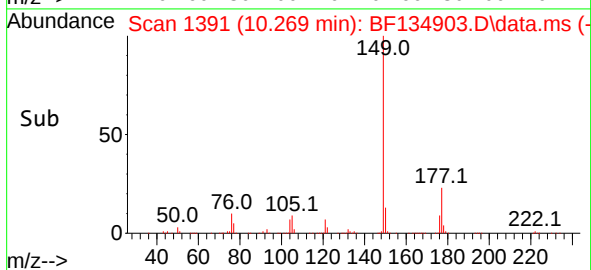
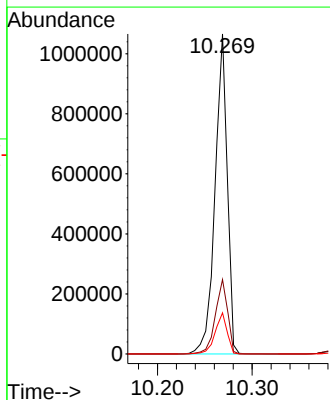
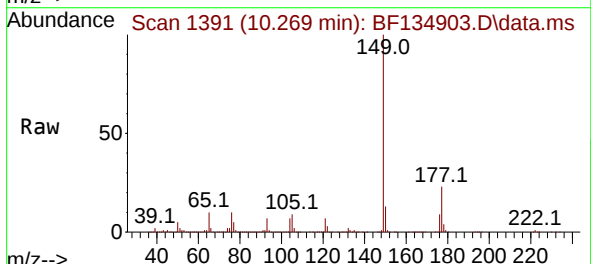
Manual Integrations  
APPROVED

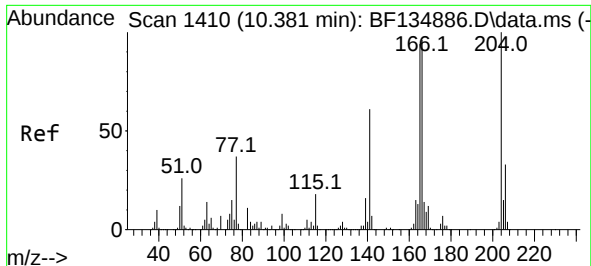
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023



#60  
Diethylphthalate  
Concen: 48.791 ng  
RT: 10.269 min Scan# 1391  
Delta R.T. 0.006 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

Tgt Ion:149 Resp: 953619  
Ion Ratio Lower Upper  
149 100  
177 23.3 18.4 27.6  
150 12.8 10.3 15.5





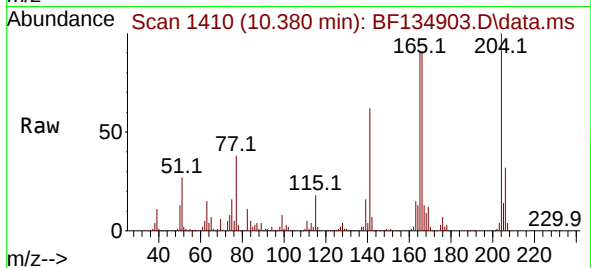
#61  
4-Chlorophenyl-phenylether  
Concen: 46.210 ng  
RT: 10.380 min Scan# 1410  
Delta R.T. -0.001 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MSD

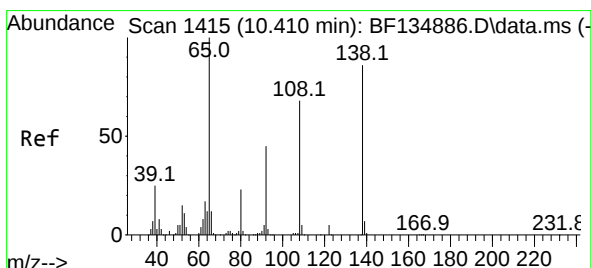
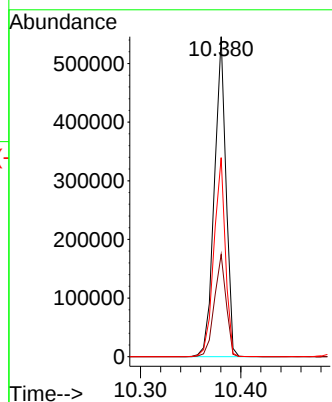
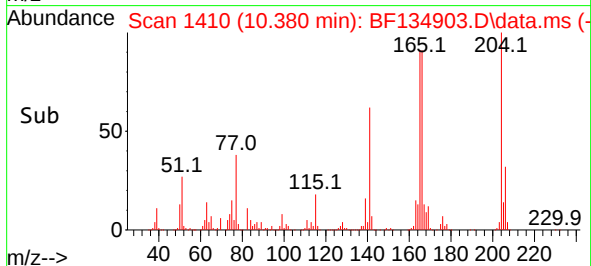


Tgt Ion:204 Resp: 438500  
Ion Ratio Lower Upper  
204 100  
206 31.9 26.3 39.5  
141 62.2 48.6 73.0

Manual Integrations

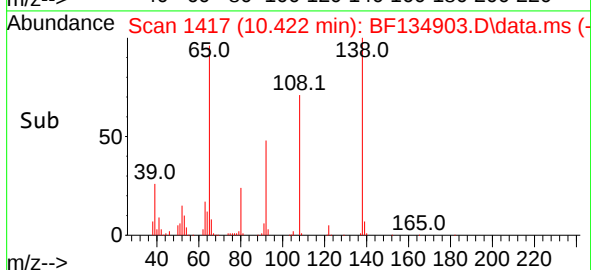
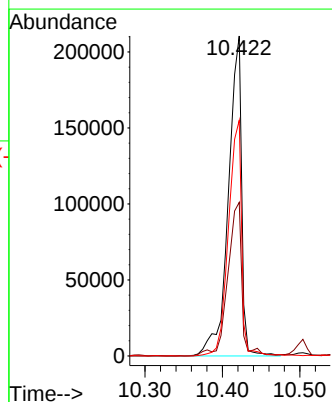
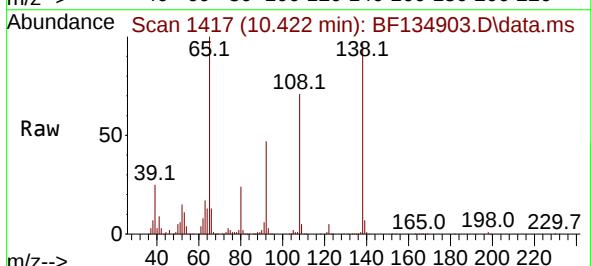
APPROVED

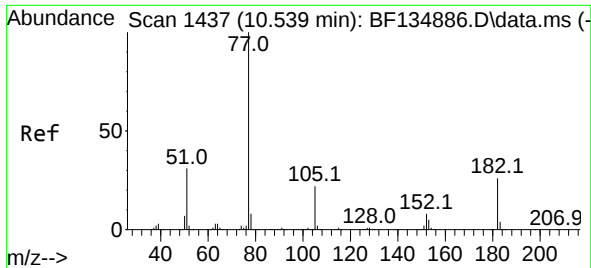
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023



#62  
4-Nitroaniline  
Concen: 52.151 ng  
RT: 10.422 min Scan# 1417  
Delta R.T. 0.012 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

Tgt Ion:138 Resp: 250538  
Ion Ratio Lower Upper  
138 100  
92 48.0 32.5 72.5  
108 73.6 58.6 98.6





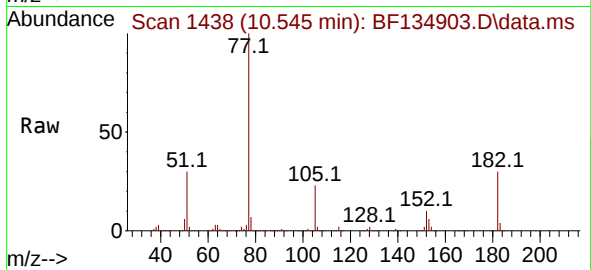
#63  
Azobenzene  
Concen: 48.340 ng  
RT: 10.545 min Scan# 1438  
Delta R.T. 0.006 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MSD

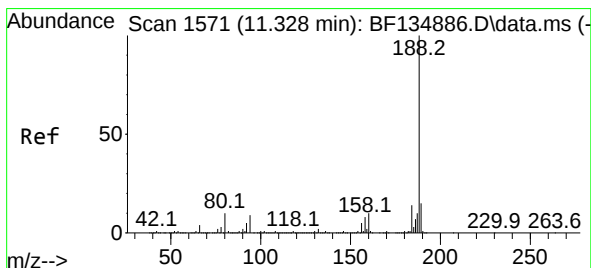
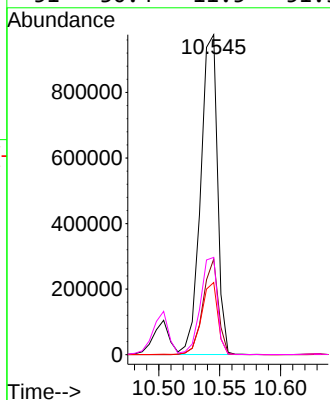
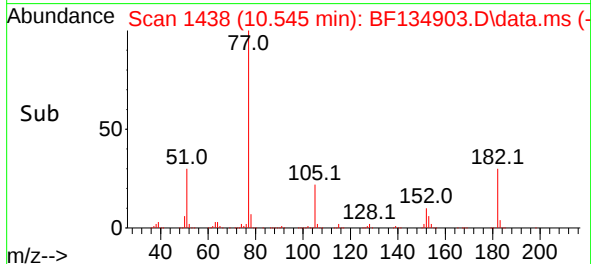


Tgt Ion: 77 Resp: 938570  
Ion Ratio Lower Upper  
77 100  
182 29.9 5.8 45.8  
105 22.6 1.6 41.6  
51 30.4 11.5 51.5

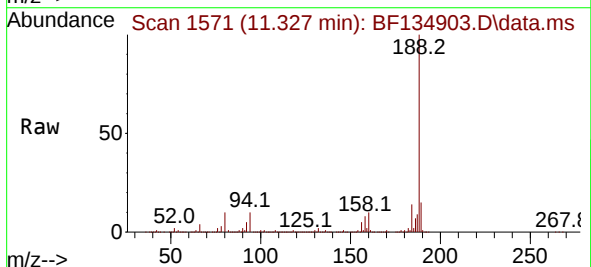
Manual Integrations

APPROVED

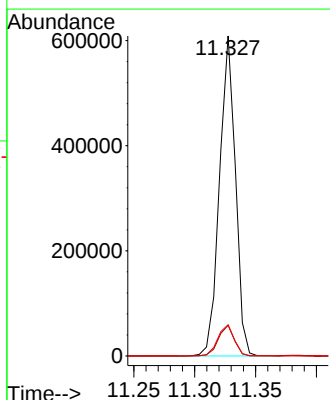
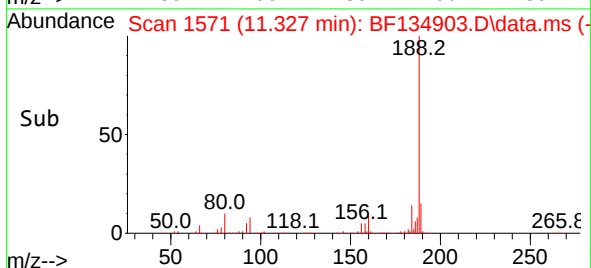
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023

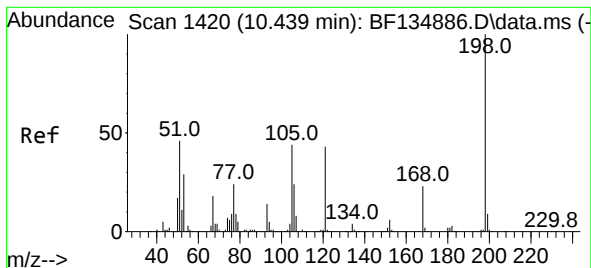


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.327 min Scan# 1571  
Delta R.T. -0.000 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31



Tgt Ion:188 Resp: 555274  
Ion Ratio Lower Upper  
188 100  
94 9.6 7.5 11.3  
80 9.8 7.8 11.6





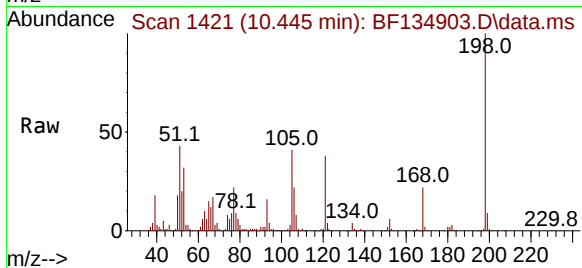
#65  
4,6-Dinitro-2-methylphenol  
Concen: 52.423 ng  
RT: 10.445 min Scan# 1420  
Delta R.T. 0.006 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MSD

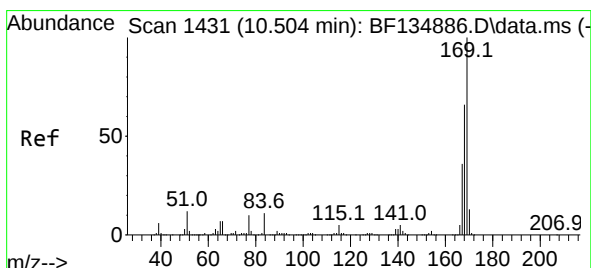
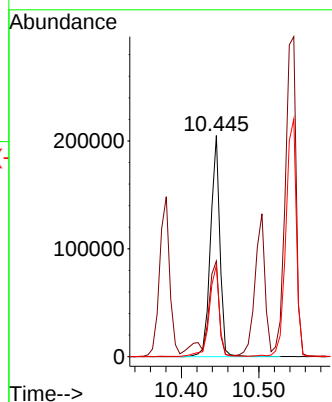
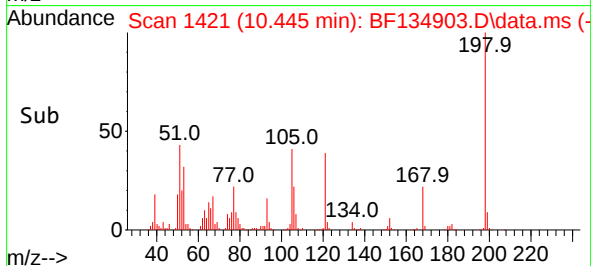


Tgt Ion:198 Resp: 171762  
Ion Ratio Lower Upper  
198 100  
51 43.2 30.3 70.3  
105 41.4 24.5 64.5

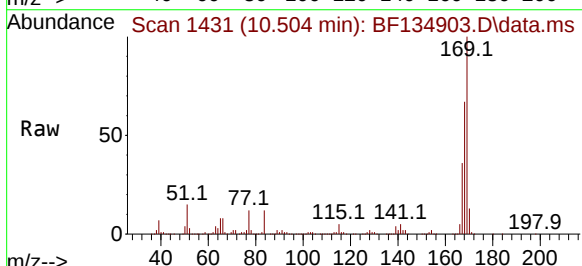
Manual Integrations

APPROVED

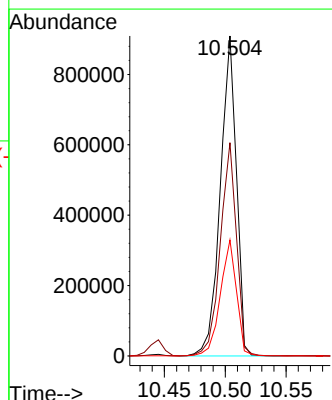
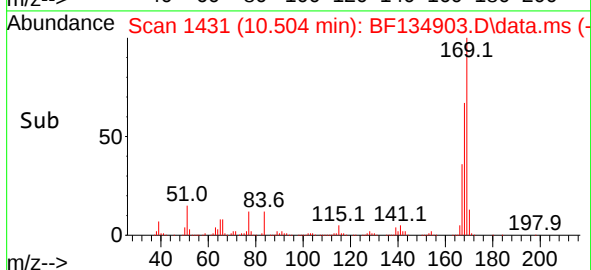
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023

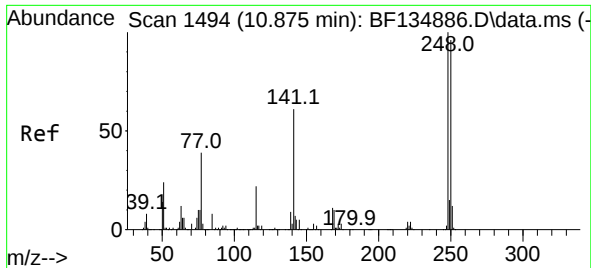


#66  
n-Nitrosodiphenylamine  
Concen: 46.926 ng  
RT: 10.504 min Scan# 1431  
Delta R.T. -0.000 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31



Tgt Ion:169 Resp: 839097  
Ion Ratio Lower Upper  
169 100  
168 66.7 53.0 79.6  
167 36.3 29.0 43.6





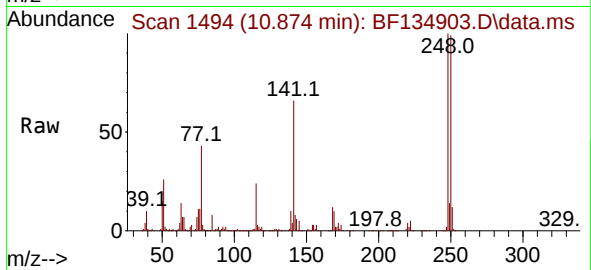
#67  
4-Bromophenyl-phenylether  
Concen: 46.893 ng  
RT: 10.874 min Scan# 1494  
Delta R.T. -0.001 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MSD

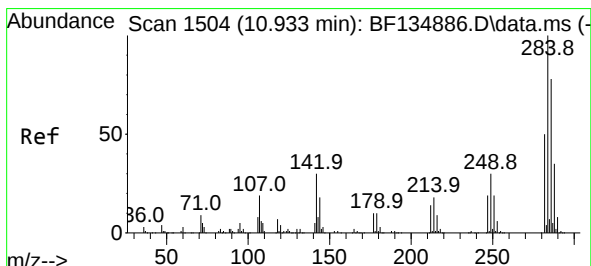
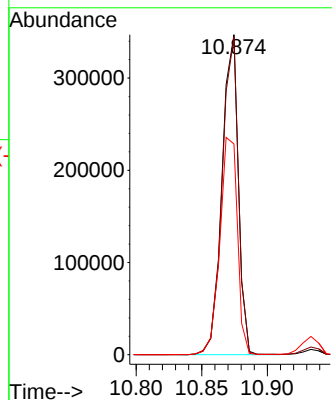
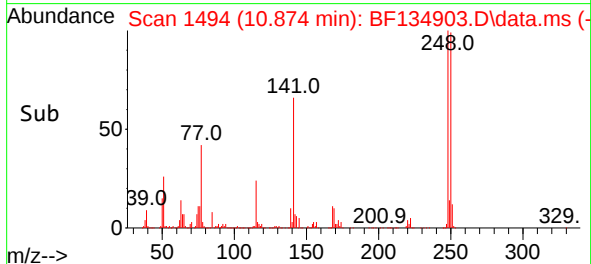


Tgt Ion:248 Resp: 300400  
Ion Ratio Lower Upper  
248 100  
250 99.4 77.1 115.7  
141 65.8 49.0 73.4

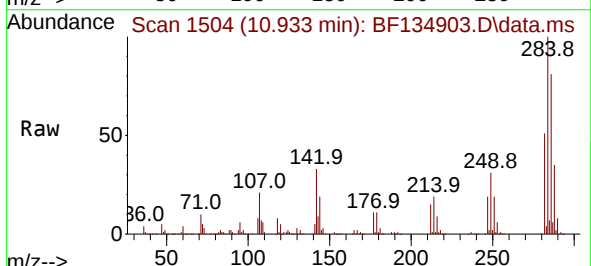
Manual Integrations

APPROVED

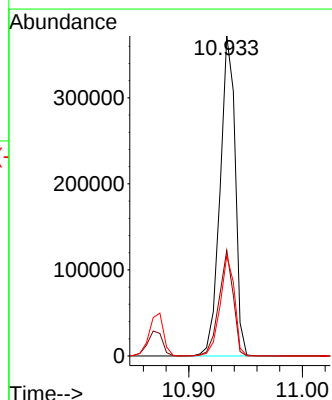
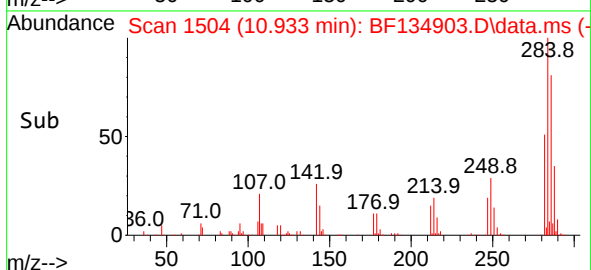
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023

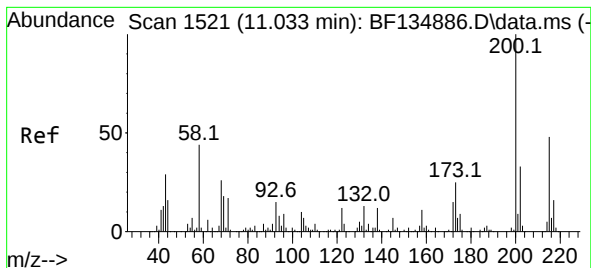


#68  
Hexachlorobenzene  
Concen: 50.536 ng  
RT: 10.933 min Scan# 1504  
Delta R.T. 0.000 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31



Tgt Ion:284 Resp: 344312  
Ion Ratio Lower Upper  
284 100  
142 33.0 23.9 35.9  
249 31.2 24.1 36.1





#69

Atrazine

Concen: 57.846 ng

RT: 11.039 min Scan# 1521

Delta R.T. 0.006 min

Lab File: BF134903.D

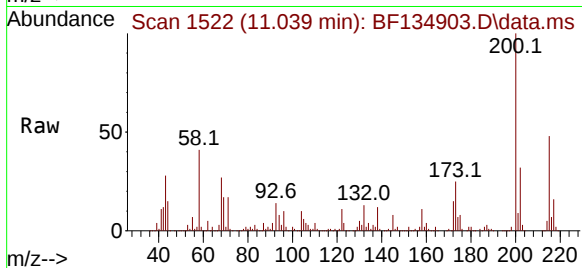
Acq: 23 Aug 2023 14:31

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MSD



Tgt Ion:200 Resp: 280878

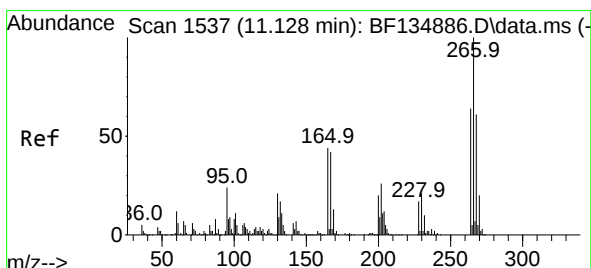
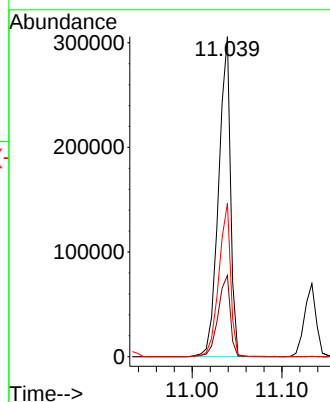
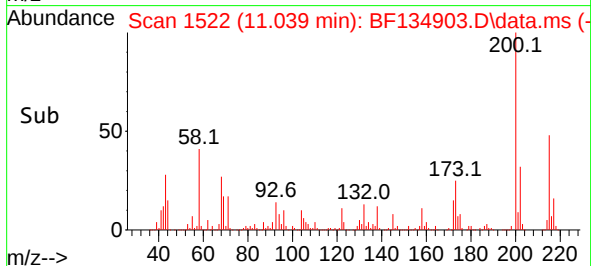
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 200 | 100   |       |       |
| 173 | 25.4  | 5.3   | 45.3  |
| 215 | 48.0  | 28.3  | 68.3  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#70

Pentachlorophenol

Concen: 82.563 ng

RT: 11.133 min Scan# 1538

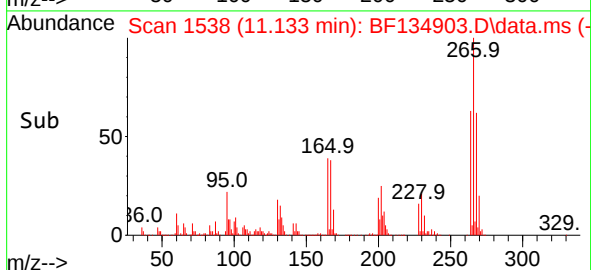
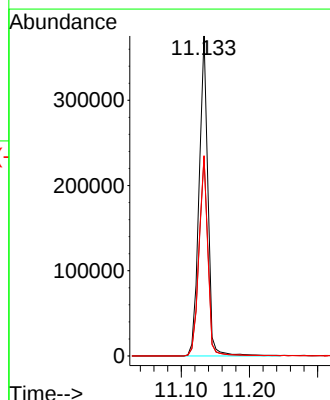
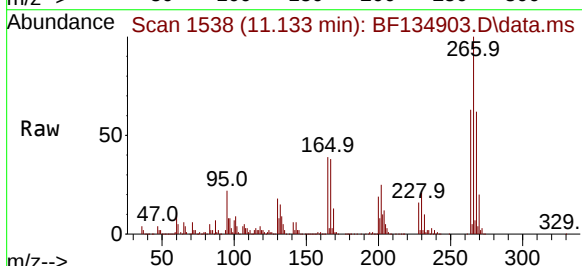
Delta R.T. 0.005 min

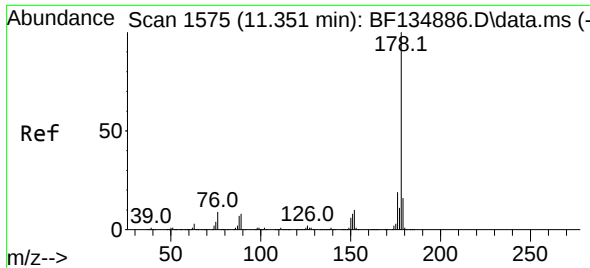
Lab File: BF134903.D

Acq: 23 Aug 2023 14:31

Tgt Ion:266 Resp: 338528

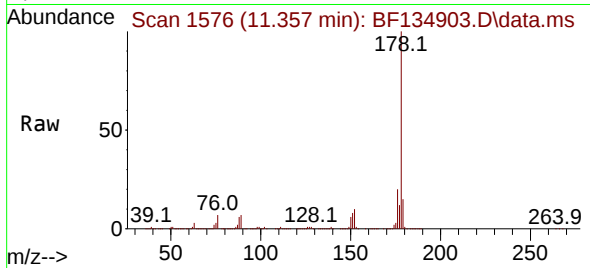
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 266 | 100   |       |       |
| 268 | 62.2  | 48.9  | 73.3  |
| 264 | 62.6  | 51.0  | 76.6  |





#71  
Phenanthrene  
Concen: 48.451 ng  
RT: 11.357 min Scan# 11357  
Delta R.T. 0.006 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

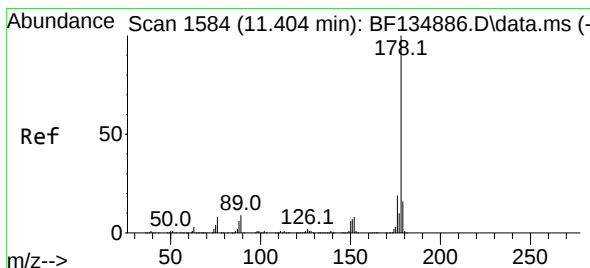
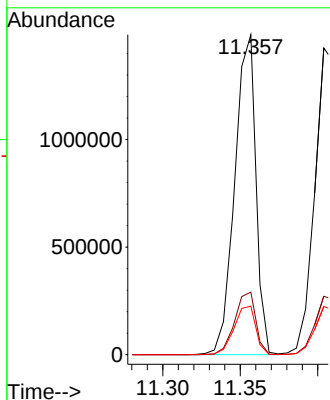
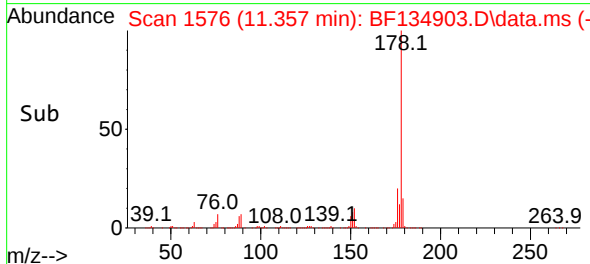
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-340MSD



Tgt Ion:178 Resp: 1409804  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.5 23.3  
179 15.1 12.6 19.0

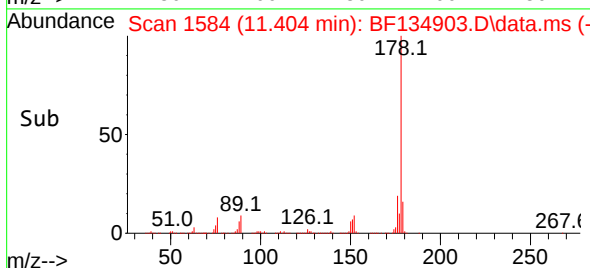
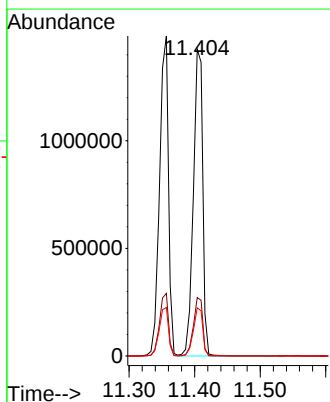
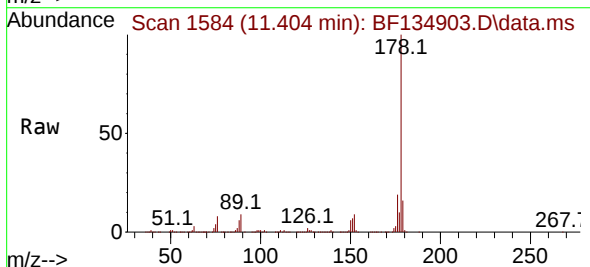
Manual Integrations  
APPROVED

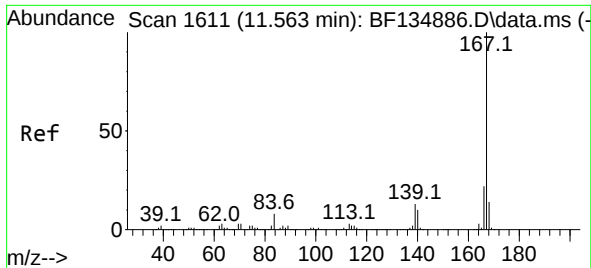
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023



#72  
Anthracene  
Concen: 47.540 ng  
RT: 11.404 min Scan# 1584  
Delta R.T. -0.000 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

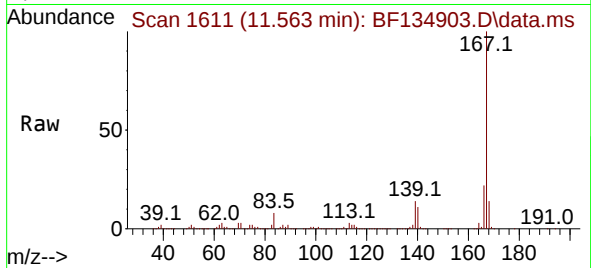
Tgt Ion:178 Resp: 1417302  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.0 22.6  
179 15.7 12.5 18.7





#73  
 Carbazole  
 Concen: 50.349 ng  
 RT: 11.563 min Scan# 1611  
 Delta R.T. -0.000 min  
 Lab File: BF134903.D  
 Acq: 23 Aug 2023 14:31

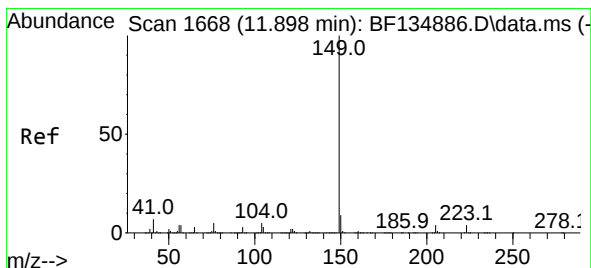
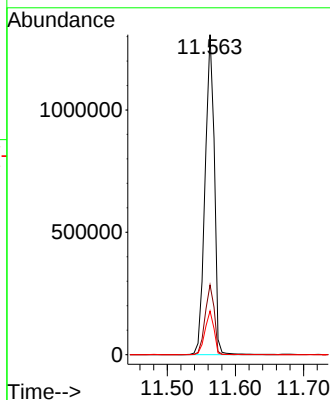
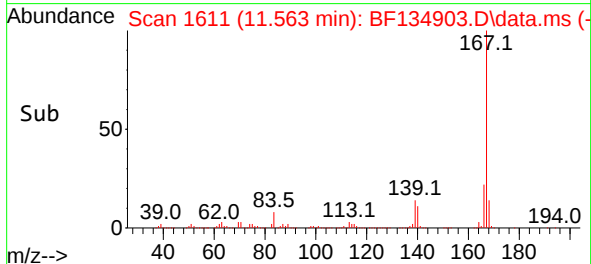
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ETGI-340MSD



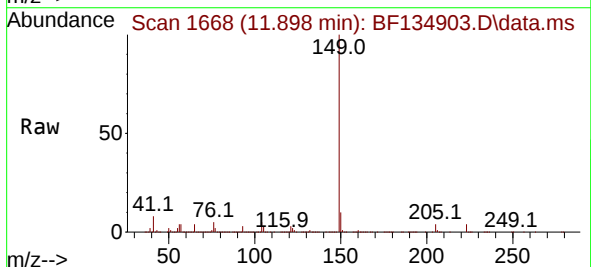
Tgt Ion:167 Resp: 1236908  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.4 26.2  
 139 13.7 10.4 15.6

Manual Integrations  
 APPROVED

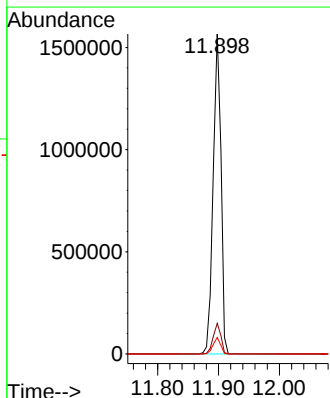
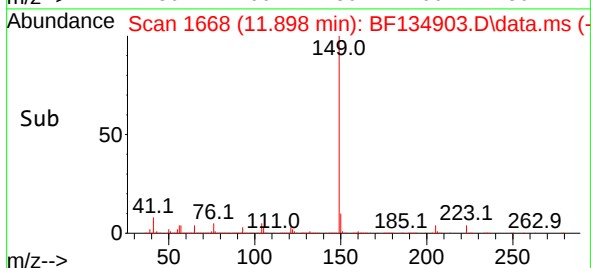
Reviewed By :Yogesh Patel 08/24/2023  
 Supervised By :mohammad ahmed 08/24/2023

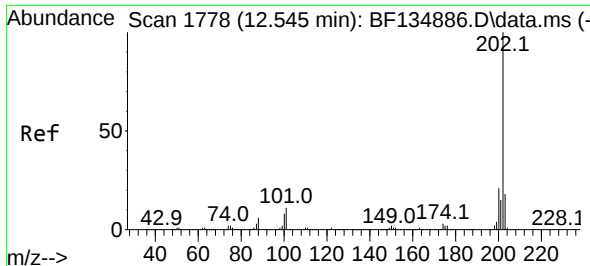


#74  
 Di-n-butylphthalate  
 Concen: 49.612 ng  
 RT: 11.898 min Scan# 1668  
 Delta R.T. -0.000 min  
 Lab File: BF134903.D  
 Acq: 23 Aug 2023 14:31



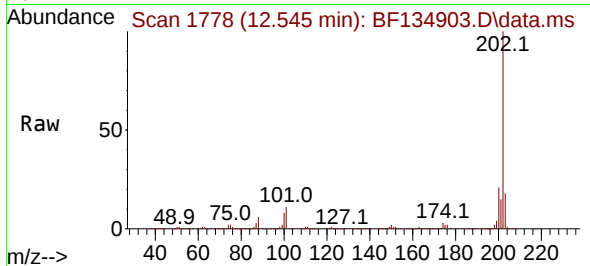
Tgt Ion:149 Resp: 1397827  
 Ion Ratio Lower Upper  
 149 100  
 150 9.6 7.4 11.2  
 104 5.2 4.1 6.1





#75  
Fluoranthene  
Concen: 49.262 ng  
RT: 12.545 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

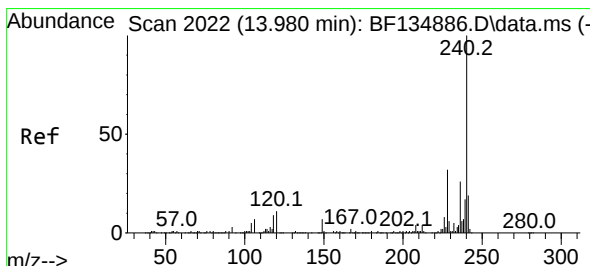
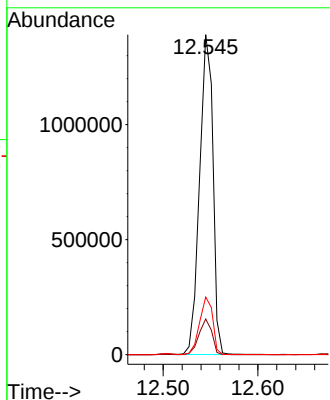
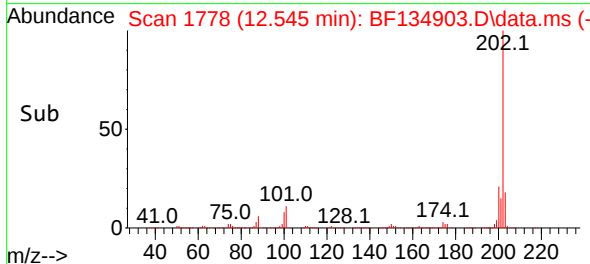
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-340MSD



Tgt Ion:202 Resp: 135815  
Ion Ratio Lower Upper  
202 100  
101 11.2 0.0 30.5  
203 18.0 0.0 37.8

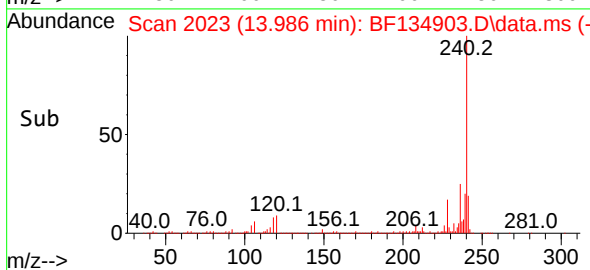
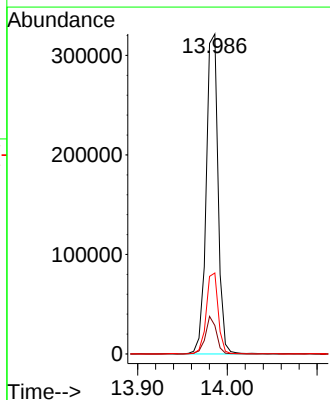
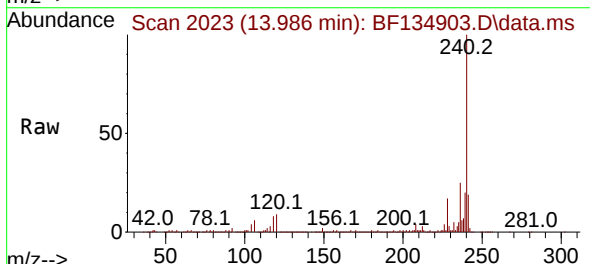
Manual Integrations  
APPROVED

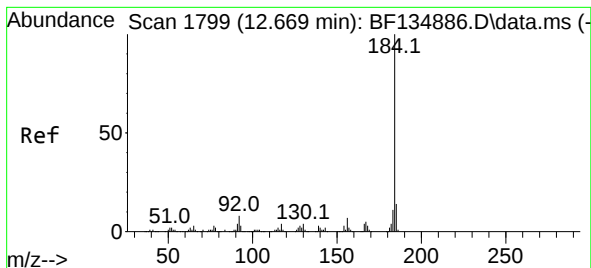
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.986 min Scan# 2023  
Delta R.T. 0.006 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

Tgt Ion:240 Resp: 295477  
Ion Ratio Lower Upper  
240 100  
120 8.9 8.6 12.8  
236 25.3 20.6 31.0





#77

Benzidine

Concen: 103.899 ng

RT: 12.674 min Scan# 1800

Delta R.T. 0.005 min

Lab File: BF134903.D

Acq: 23 Aug 2023 14:31

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MSD

Tgt Ion:184 Resp: 498100

Ion Ratio Lower Upper

184 100

185 14.5 11.4 17.0

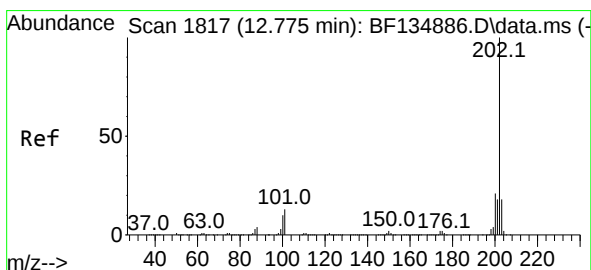
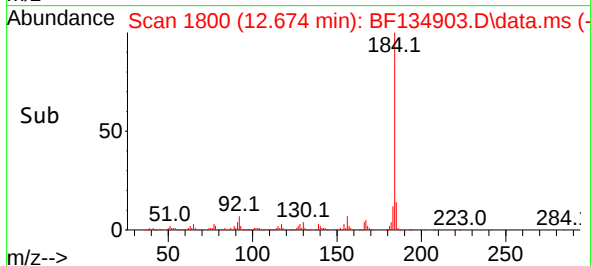
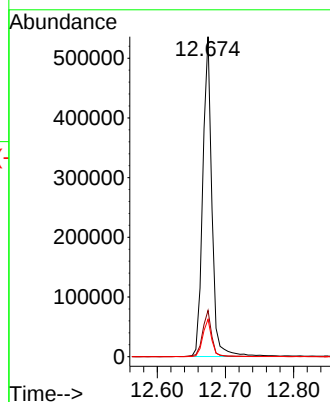
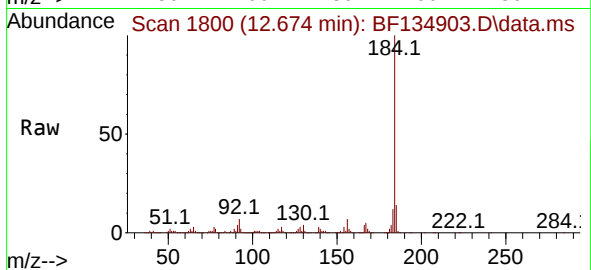
183 11.7 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#78

Pyrene

Concen: 43.130 ng

RT: 12.780 min Scan# 1818

Delta R.T. 0.006 min

Lab File: BF134903.D

Acq: 23 Aug 2023 14:31

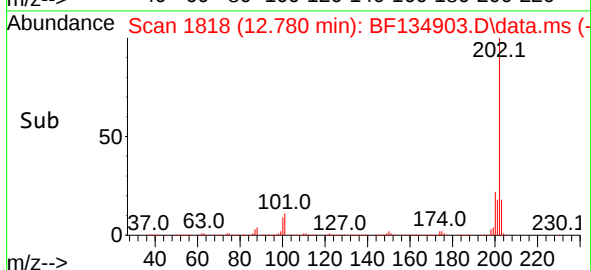
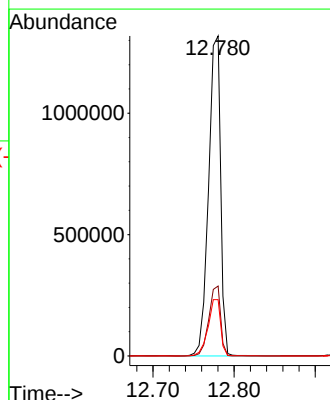
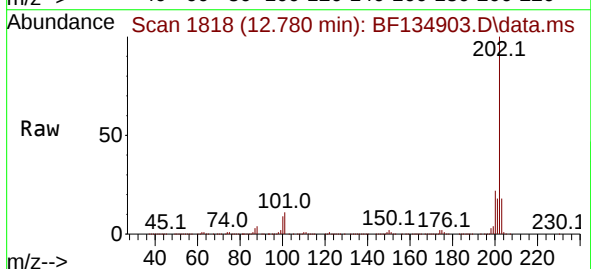
Tgt Ion:202 Resp: 1351175

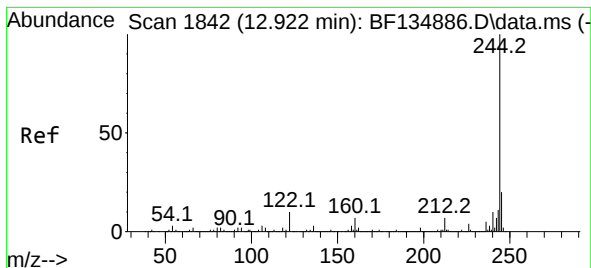
Ion Ratio Lower Upper

202 100

200 21.9 17.1 25.7

203 17.6 14.2 21.2





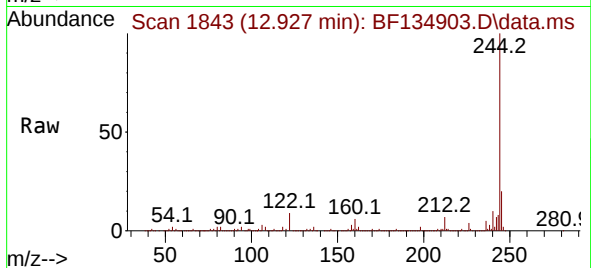
#79  
 Terphenyl-d14  
 Concen: 75.551 ng  
 RT: 12.927 min Scan# 1842  
 Delta R.T. 0.005 min  
 Lab File: BF134903.D  
 Acq: 23 Aug 2023 14:31

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MSD

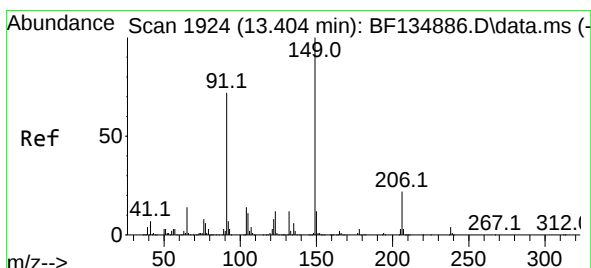
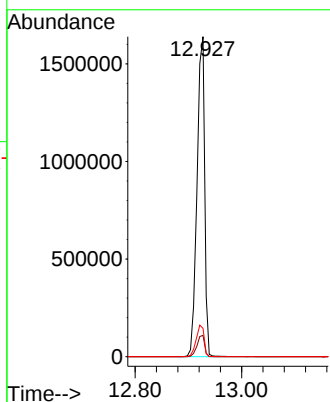
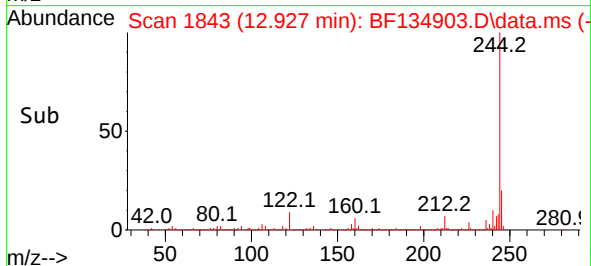


Tgt Ion:244 Resp: 162306  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.4 8.0  
 122 8.9 8.2 12.4

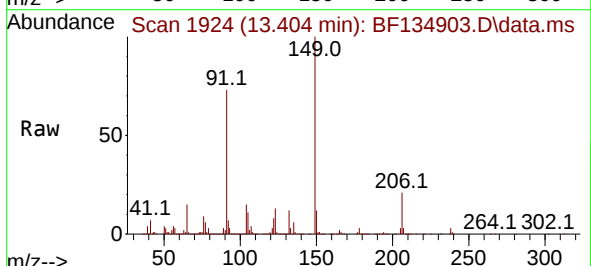
Manual Integrations

APPROVED

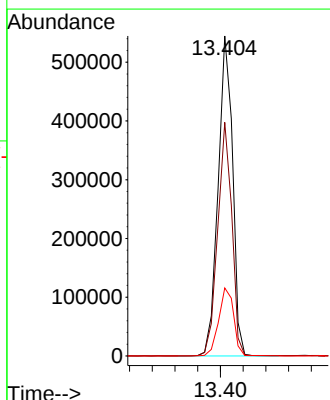
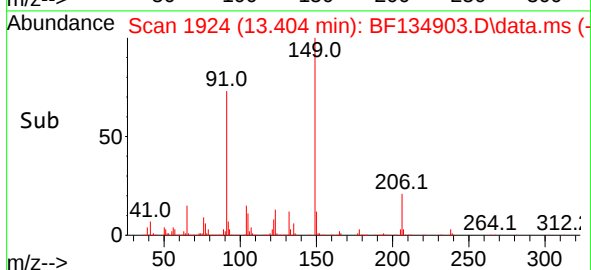
Reviewed By :Yogesh Patel 08/24/2023  
 Supervised By :mohammad ahmed 08/24/2023

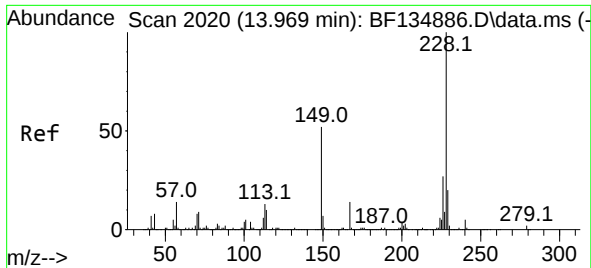


#80  
 Butylbenzylphthalate  
 Concen: 50.685 ng  
 RT: 13.404 min Scan# 1924  
 Delta R.T. -0.000 min  
 Lab File: BF134903.D  
 Acq: 23 Aug 2023 14:31



Tgt Ion:149 Resp: 483784  
 Ion Ratio Lower Upper  
 149 100  
 91 73.0 57.2 85.8  
 206 21.3 18.0 27.0





#81  
Benzo(a)anthracene  
Concen: 48.760 ng  
RT: 13.974 min Scan# 2015  
Delta R.T. 0.006 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

Instrument :

BNA\_F

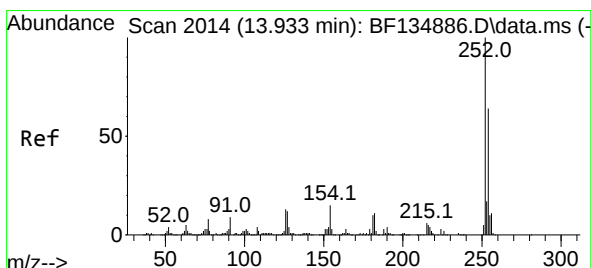
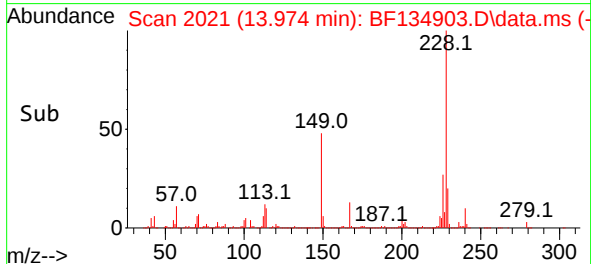
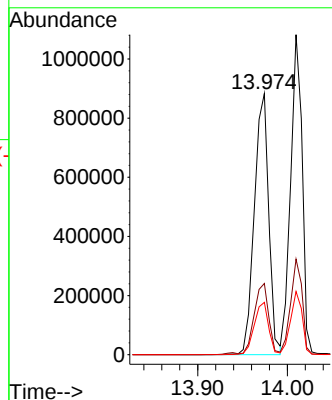
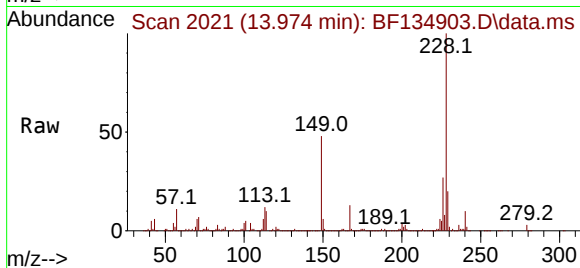
ClientSampleId :

ETGI-340MSD

Tgt Ion:228 Resp: 982985  
Ion Ratio Lower Upper  
228 100  
226 27.3 21.8 32.6  
229 20.1 15.6 23.4

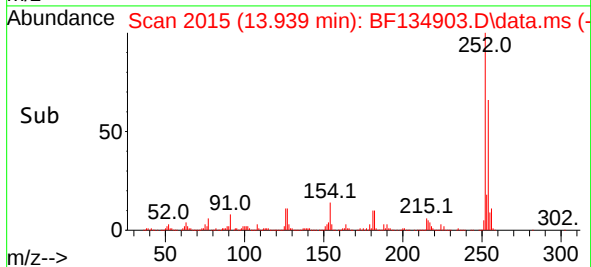
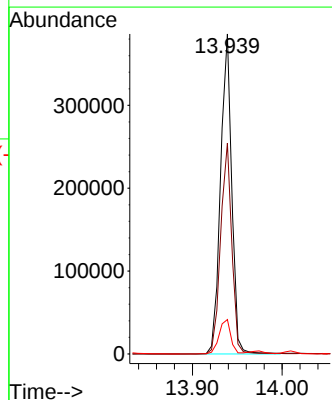
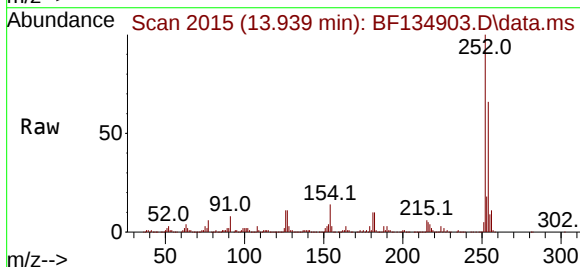
Manual Integrations  
APPROVED

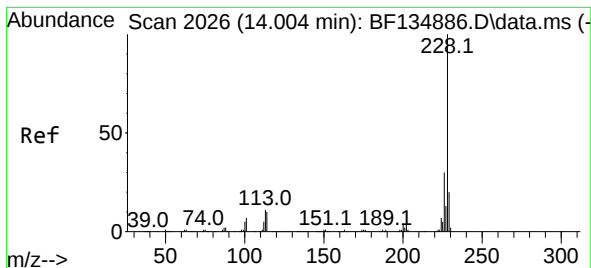
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023



#82  
3,3'-Dichlorobenzidine  
Concen: 52.404 ng  
RT: 13.939 min Scan# 2015  
Delta R.T. 0.006 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

Tgt Ion:252 Resp: 334371  
Ion Ratio Lower Upper  
252 100  
254 65.9 51.6 77.4  
126 10.7 10.3 15.5





#83

Chrysene

Concen: 48.661 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF134903.D

Acq: 23 Aug 2023 14:31

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MSD

Tgt Ion:228 Resp: 967910

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.2

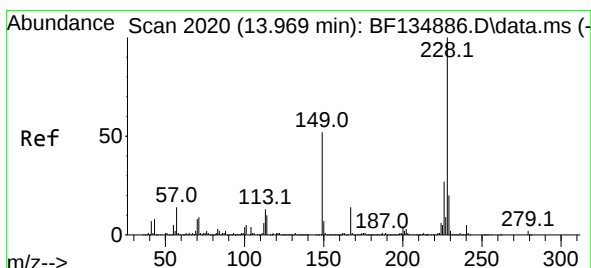
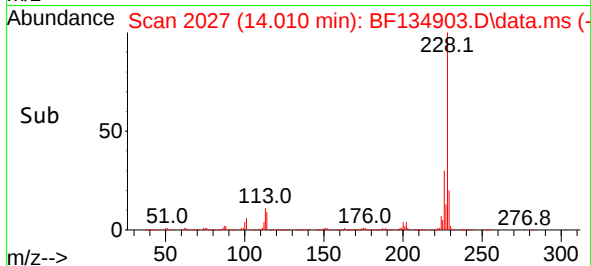
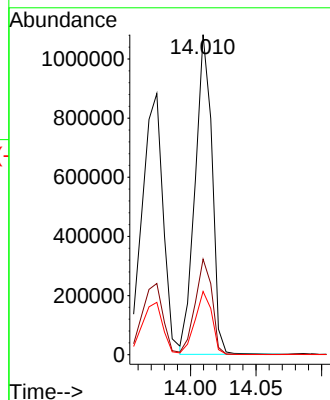
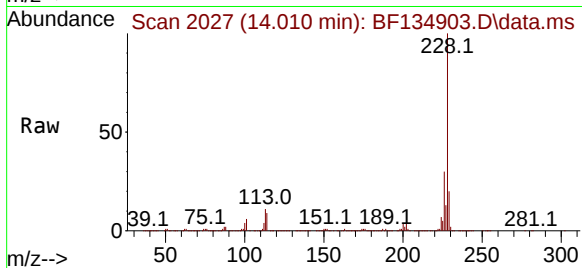
229 19.8 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.095 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF134903.D

Acq: 23 Aug 2023 14:31

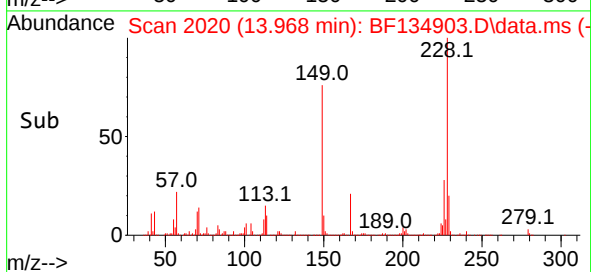
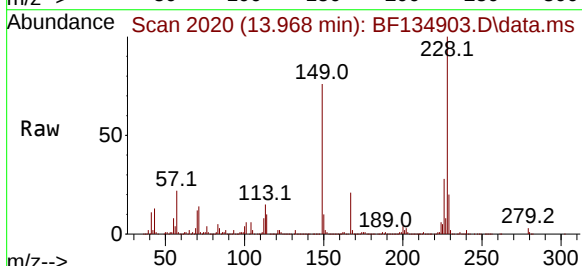
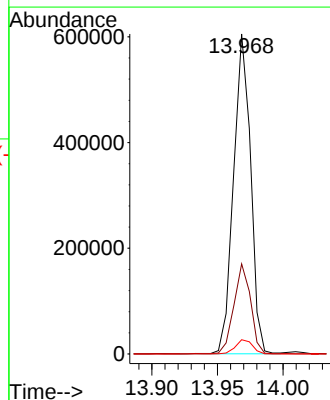
Tgt Ion:149 Resp: 548975

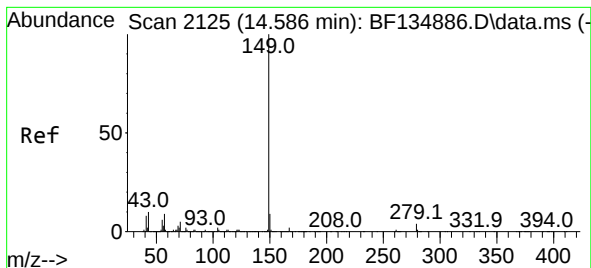
Ion Ratio Lower Upper

149 100

167 28.1 22.1 33.1

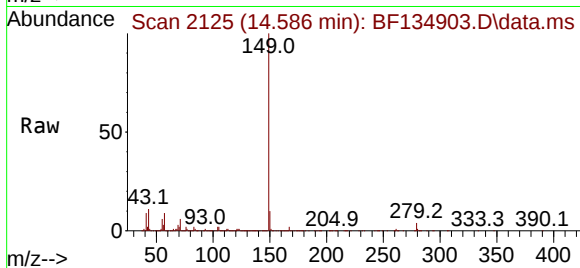
279 4.5 3.6 5.4





#85  
Di-n-octyl phthalate  
Concen: 58.340 ng  
RT: 14.586 min Scan# 2125  
Delta R.T. -0.000 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

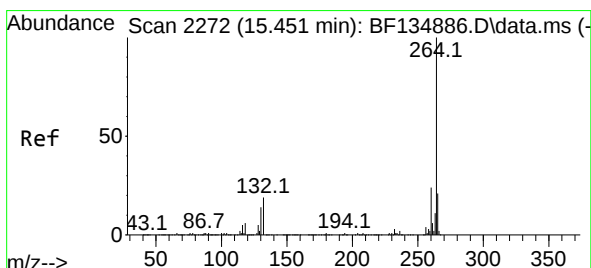
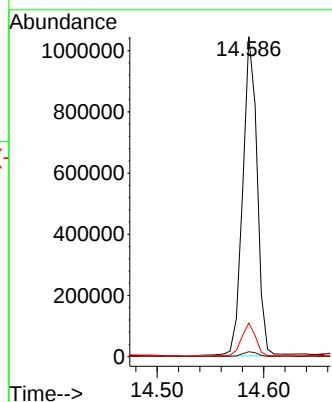
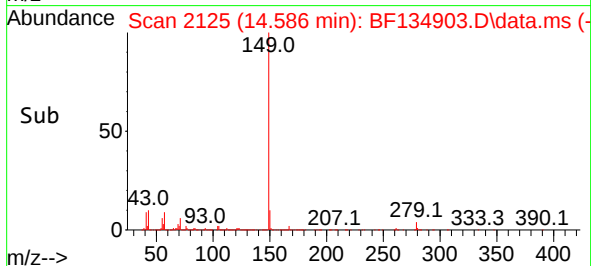
Instrument :  
BNA\_F  
ClientSampleId :  
ETGI-340MSD



Tgt Ion:149 Resp: 983620  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 10.1 8.3 12.5

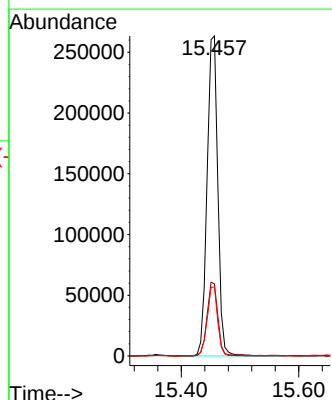
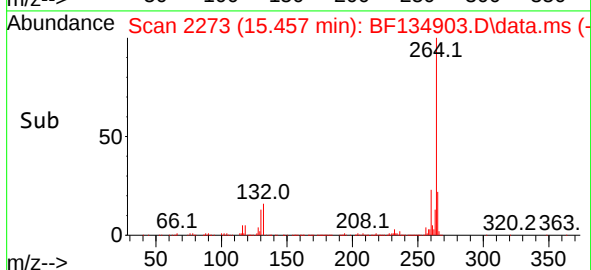
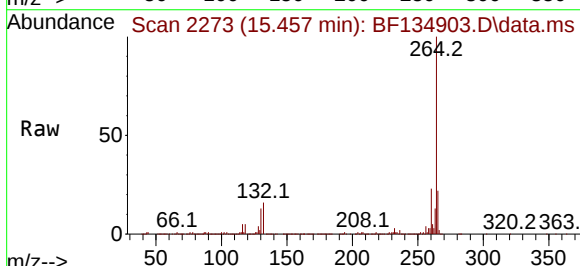
Manual Integrations  
APPROVED

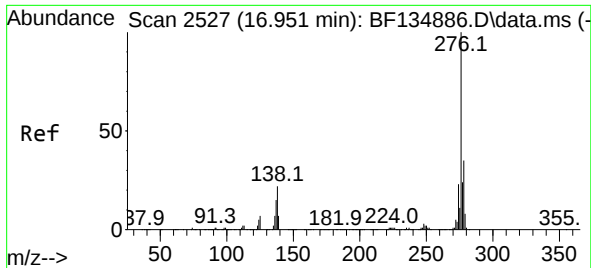
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.457 min Scan# 2273  
Delta R.T. 0.006 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

Tgt Ion:264 Resp: 334477  
Ion Ratio Lower Upper  
264 100  
260 22.5 19.0 28.6  
265 21.6 17.1 25.7





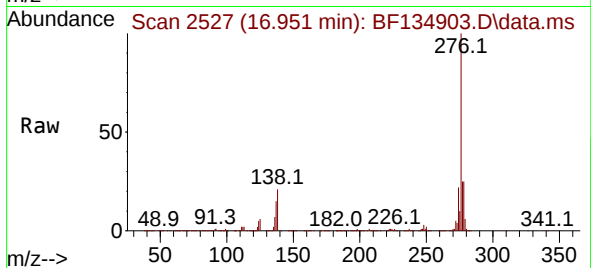
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 46.141 ng  
RT: 16.951 min Scan# 2100  
Delta R.T. -0.000 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MSD

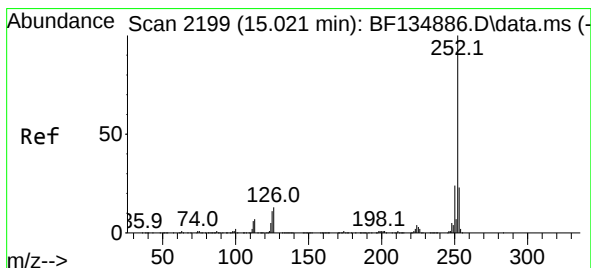
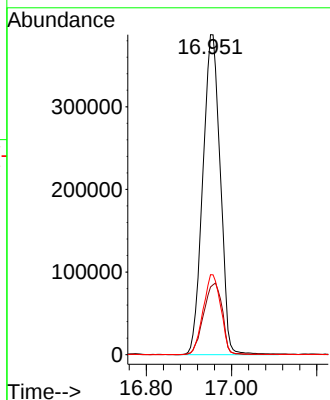
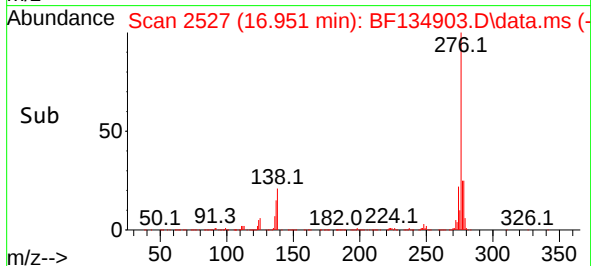


Tgt Ion:276 Resp: 1103154  
Ion Ratio Lower Upper  
276 100  
138 24.0 19.7 29.5  
277 25.2 20.1 30.1

Manual Integrations

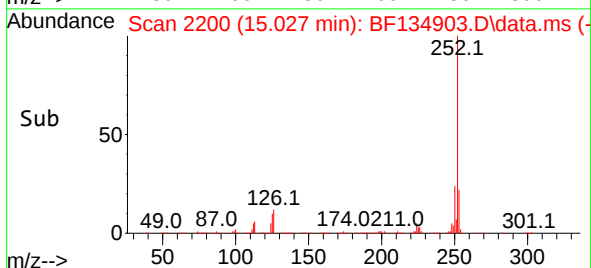
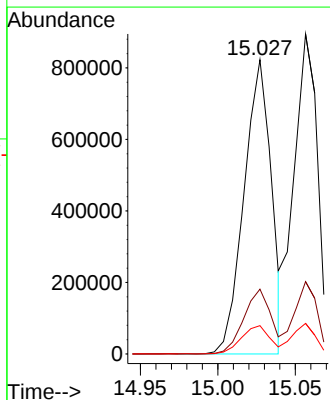
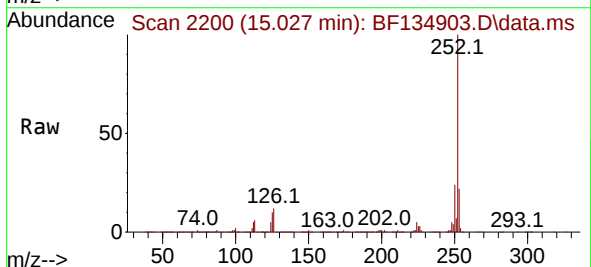
APPROVED

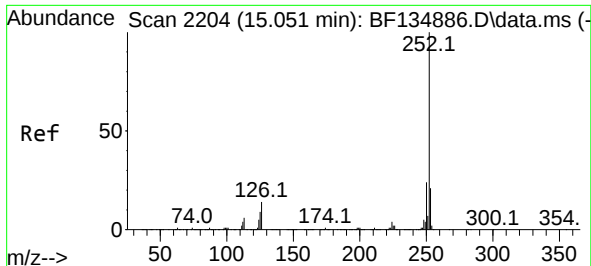
Reviewed By :Yogesh Patel 08/24/2023  
Supervised By :mohammad ahmed 08/24/2023



#88  
Benzo(b)fluoranthene  
Concen: 53.555 ng  
RT: 15.027 min Scan# 2200  
Delta R.T. 0.006 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

Tgt Ion:252 Resp: 1010632  
Ion Ratio Lower Upper  
252 100  
253 22.0 18.1 27.1  
125 9.6 8.4 12.6





#89

Benzo(k)fluoranthene

Concen: 51.110 ng

RT: 15.057 min Scan# 2205

Delta R.T. 0.006 min

Lab File: BF134903.D

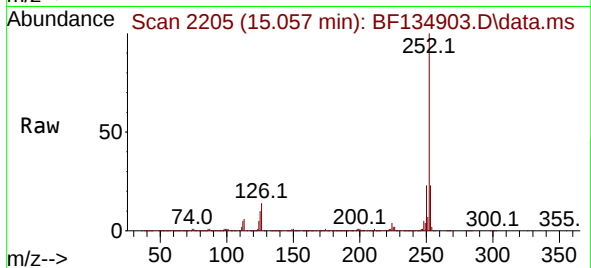
Acq: 23 Aug 2023 14:31

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MSD



Tgt Ion:252 Resp: 947110

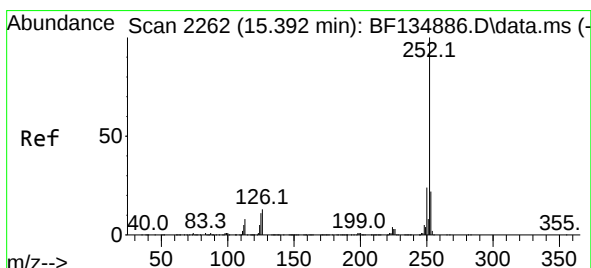
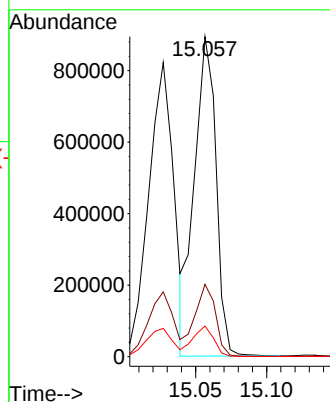
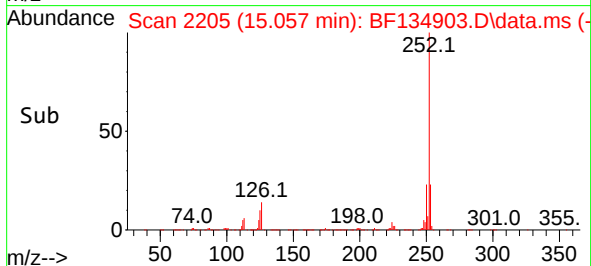
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.6  | 17.1  | 25.7  |
| 125 | 9.6   | 8.0   | 12.0  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#90

Benzo(a)pyrene

Concen: 48.114 ng

RT: 15.398 min Scan# 2263

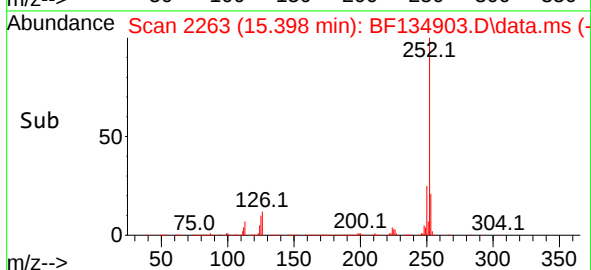
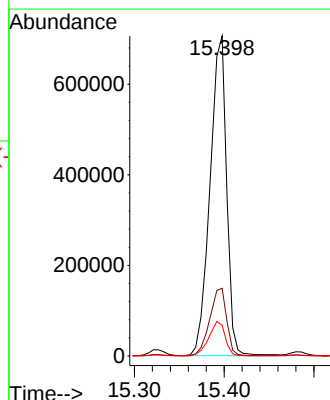
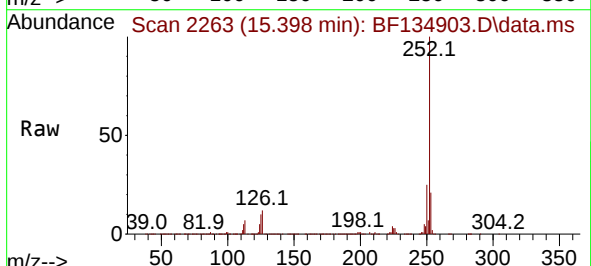
Delta R.T. 0.006 min

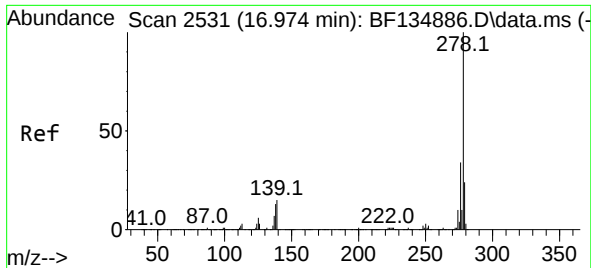
Lab File: BF134903.D

Acq: 23 Aug 2023 14:31

Tgt Ion:252 Resp: 906393

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.2  | 17.6  | 26.4  |
| 125 | 9.6   | 8.4   | 12.6  |





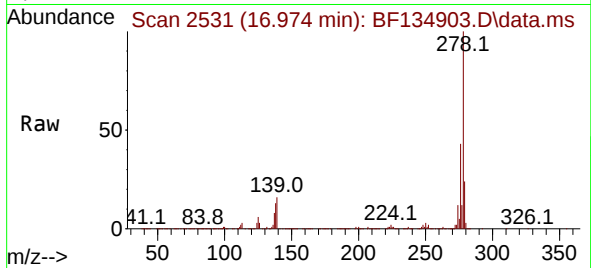
#91  
Dibenzo(a,h)anthracene  
Concen: 46.213 ng  
RT: 16.974 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31

Instrument :

BNA\_F

ClientSampleId :

ETGI-340MSD

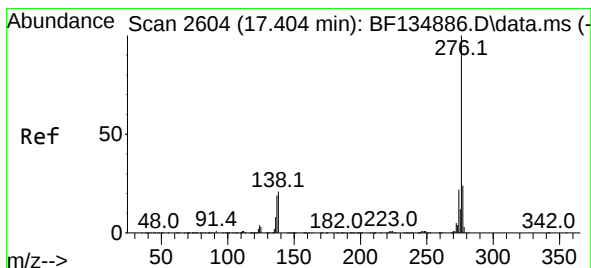
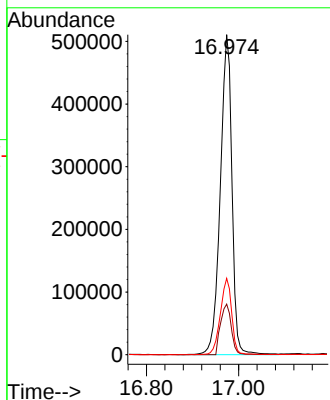
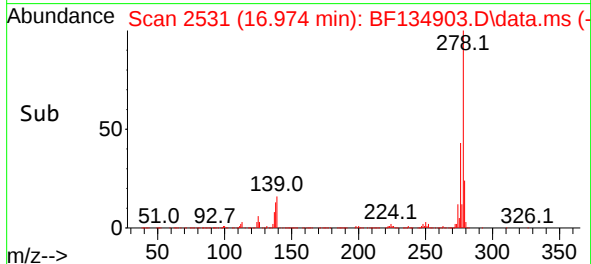


Tgt Ion:278 Resp: 893968  
Ion Ratio Lower Upper  
278 100  
139 15.8 12.2 18.4  
279 23.9 19.1 28.7

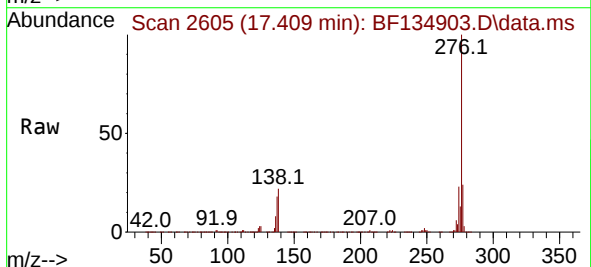
Manual Integrations

APPROVED

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



#92  
Benzo(g,h,i)perylene  
Concen: 42.889 ng  
RT: 17.409 min Scan# 2605  
Delta R.T. 0.006 min  
Lab File: BF134903.D  
Acq: 23 Aug 2023 14:31



Tgt Ion:276 Resp: 849324  
Ion Ratio Lower Upper  
276 100  
277 23.8 19.2 28.8  
138 21.9 17.0 25.6

