

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082223\  
 Data File : BF134887.D  
 Acq On : 22 Aug 2023 15:42  
 Operator : CG\JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/23/2023  
 Supervised By :mohammad ahmed 08/23/2023

Quant Time: Aug 22 19:02:28 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 17:47:07 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.798  | 152  | 175956   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.075  | 136  | 649915   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.834  | 164  | 322013   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.328 | 188  | 555919   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.980 | 240  | 253063   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.457 | 264  | 331928   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.428  | 112  | 994126   | 90.095 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.440  | 99   | 1266408  | 89.819 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.363  | 82   | 1118094  | 94.798 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.634 | 330  | 347048   | 91.509 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.157  | 172  | 1835955  | 88.163 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.927 | 244  | 1597979  | 83.769 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.528  | 88   | 224646   | 46.912 | ng    | 99       |
| 3) Pyridine                   | 3.287  | 79   | 605695   | 46.937 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.263  | 42   | 278140   | 48.749 | ng    | 98       |
| 6) Aniline                    | 6.469  | 93   | 798575   | 45.826 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.587  | 128  | 521984   | 45.083 | ng    | 98       |
| 9) Benzaldehyde               | 6.351  | 77   | 335056   | 43.409 | ng    | 97       |
| 10) Phenol                    | 6.451  | 94   | 647536   | 44.857 | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.540  | 93   | 503745   | 46.003 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.740  | 146  | 551254   | 45.650 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.816  | 146  | 547269   | 45.279 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.969  | 146  | 500151   | 43.097 | ng    | 98       |
| 15) Benzyl Alcohol            | 6.946  | 79   | 445226   | 45.447 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.075  | 45   | 721902   | 45.527 | ng    | 99       |
| 17) 2-Methylphenol            | 7.057  | 107  | 463166   | 46.222 | ng    | 99       |
| 18) Hexachloroethane          | 7.304  | 117  | 200614   | 45.862 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.222  | 70   | 358218   | 43.501 | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.210  | 107  | 509988   | 47.268 | ng    | 94       |
| 22) Acetophenone              | 7.210  | 105  | 650680   | 45.297 | ng    | 96       |
| 24) Nitrobenzene              | 7.387  | 77   | 563629   | 47.624 | ng    | 96       |
| 25) Isophorone                | 7.622  | 82   | 1035855  | 47.034 | ng    | 100      |
| 26) 2-Nitrophenol             | 7.693  | 139  | 289136   | 49.073 | ng    | 100      |
| 27) 2,4-Dimethylphenol        | 7.734  | 122  | 453091   | 47.148 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.834  | 93   | 611308   | 46.571 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.940  | 162  | 447683   | 47.149 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.016  | 180  | 468944   | 46.520 | ng    | 100      |
| 31) Naphthalene               | 8.098  | 128  | 1479386  | 45.587 | ng    | 99       |
| 32) Benzoic acid              | 7.875  | 122  | 377400   | 53.317 | ng    | 97       |
| 33) 4-Chloroaniline           | 8.151  | 127  | 648804   | 46.597 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.216  | 225  | 280550   | 46.795 | ng    | 98       |
| 35) Caprolactam               | 8.540  | 113  | 139193m  | 47.108 | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.640  | 107  | 464454   | 46.353 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.792  | 142  | 976527   | 45.122 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.892  | 142  | 909892   | 44.962 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 8.957  | 216  | 456165   | 46.489 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 8.940  | 237  | 239567   | 52.615 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.069  | 196  | 305163   | 47.091 | ng    | 100      |

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Manual Integrations  
 APPROVED

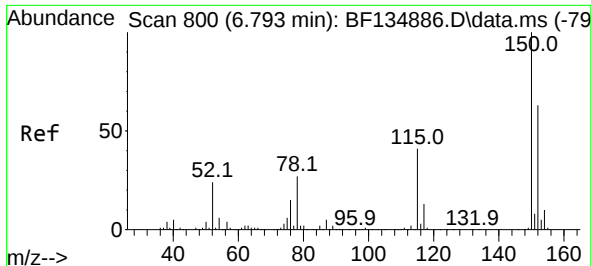
Reviewed By :Yogesh Patel 08/23/2023  
 Supervised By :mohammad ahmed 08/23/2023

Quant Time: Aug 22 19:02:28 2023  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.110  | 196  | 352013   | 46.919 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.257  | 154  | 1163143  | 45.753 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.281  | 162  | 879530   | 46.327 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.381  | 65   | 300294   | 48.117 | ng    | 97       |
| 49) Acenaphthylene            | 9.698  | 152  | 1343729  | 45.959 | ng    | 100      |
| 50) Dimethylphthalate         | 9.569  | 163  | 1052850  | 45.933 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.628  | 165  | 241329   | 47.736 | ng    | 92       |
| 52) Acenaphthene              | 9.869  | 154  | 844803   | 45.866 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.798  | 138  | 260846   | 47.240 | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 9.904  | 184  | 122776   | 47.396 | ng    | 91       |
| 55) Dibenzofuran              | 10.045 | 168  | 1206772  | 45.001 | ng    | 97       |
| 56) 4-Nitrophenol             | 9.963  | 139  | 192012   | 49.899 | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 10.034 | 165  | 295554   | 47.273 | ng    | 94       |
| 58) Fluorene                  | 10.386 | 166  | 898423   | 42.783 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.163 | 232  | 273907   | 46.859 | ng    | 98       |
| 60) Diethylphthalate          | 10.269 | 149  | 957951   | 45.616 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.381 | 204  | 450385   | 42.773 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.416 | 138  | 245383   | 47.538 | ng    | 96       |
| 63) Azobenzene                | 10.545 | 77   | 962706   | 46.146 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.445 | 198  | 175559   | 53.520 | ng    | 87       |
| 66) n-Nitrosodiphenylamine    | 10.504 | 169  | 833548   | 46.561 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.875 | 248  | 304958   | 47.548 | ng    | 98       |
| 68) Hexachlorobenzene         | 10.933 | 284  | 321450   | 47.126 | ng    | 98       |
| 69) Atrazine                  | 11.033 | 200  | 187938   | 50.019 | ng    | 99       |
| 70) Pentachlorophenol         | 11.133 | 266  | 201147   | 49.000 | ng    | 98       |
| 71) Phenanthrene              | 11.357 | 178  | 1339341  | 45.976 | ng    | 99       |
| 72) Anthracene                | 11.404 | 178  | 1364243  | 45.707 | ng    | 100      |
| 73) Carbazole                 | 11.563 | 167  | 1136586  | 46.212 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.898 | 149  | 1296541  | 45.963 | ng    | 99       |
| 75) Fluoranthene              | 12.545 | 202  | 1247875  | 45.210 | ng    | 99       |
| 77) Benzidine                 | 12.669 | 184  | 137788   | 33.558 | ng    | 99       |
| 78) Pyrene                    | 12.775 | 202  | 1221506  | 45.525 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.404 | 149  | 382720   | 46.817 | ng    | 99       |
| 81) Benzo(a)anthracene        | 13.969 | 228  | 807996   | 46.797 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.939 | 252  | 267278   | 48.910 | ng    | # 98     |
| 83) Chrysene                  | 14.010 | 228  | 811453   | 47.633 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.969 | 149  | 408559   | 46.137 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.586 | 149  | 718059   | 49.728 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 16.957 | 276  | 1133619  | 47.780 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.027 | 252  | 885578   | 47.288 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.057 | 252  | 871298   | 47.380 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.398 | 252  | 894393   | 47.841 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.974 | 278  | 921011   | 47.977 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.415 | 276  | 944708   | 48.073 | ng    | 98       |

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





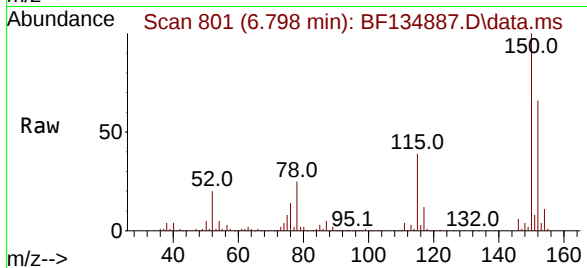
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 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.798 min Scan# 80  
 Delta R.T. 0.005 min  
 Lab File: BF134887.D  
 Acq: 22 Aug 2023 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

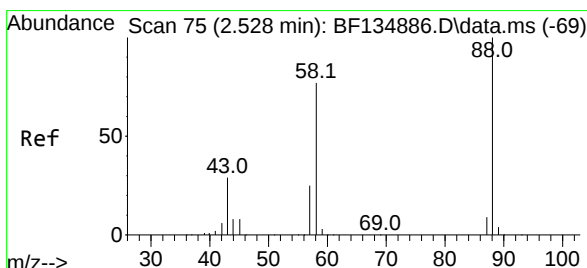
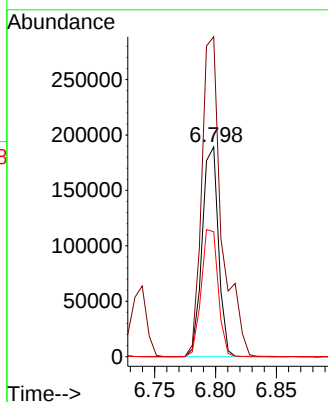
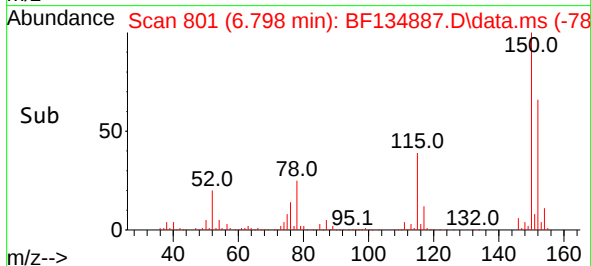


Tgt Ion: 152 Resp: 175950  
 Ion Ratio Lower Upper  
 152 100  
 150 152.6 126.1 189.1  
 115 59.6 51.1 76.7

Manual Integrations

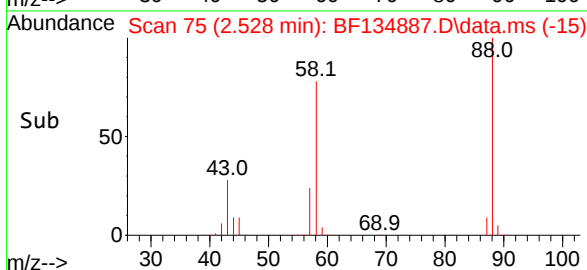
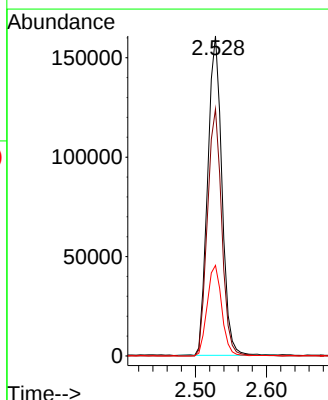
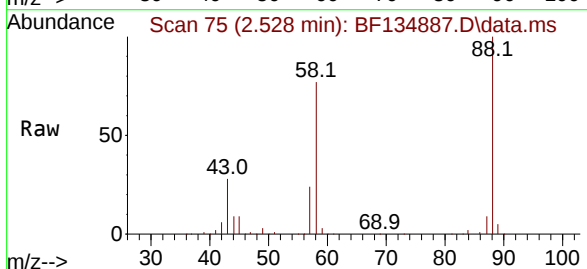
APPROVED

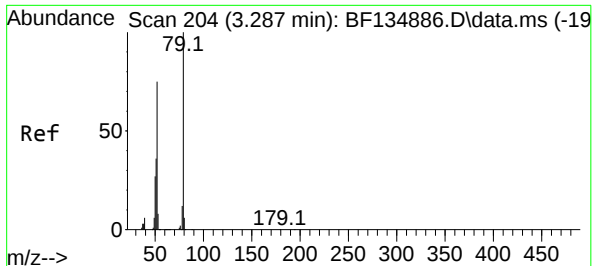
Reviewed By :Yogesh Patel 08/23/2023  
 Supervised By :mohammad ahmed 08/23/2023



#2  
 1,4-Dioxane  
 Concen: 46.912 ng  
 RT: 2.528 min Scan# 75  
 Delta R.T. 0.000 min  
 Lab File: BF134887.D  
 Acq: 22 Aug 2023 15:42

Tgt Ion: 88 Resp: 224646  
 Ion Ratio Lower Upper  
 88 100  
 58 77.5 62.6 93.8  
 43 29.1 23.3 34.9





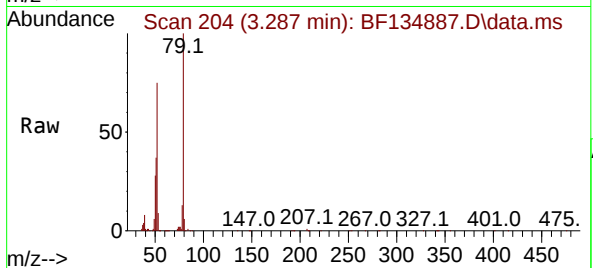
#3  
Pyridine  
Concen: 46.937 ng  
RT: 3.287 min Scan# 204  
Delta R.T. 0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050



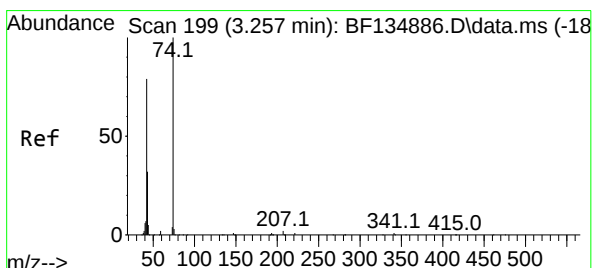
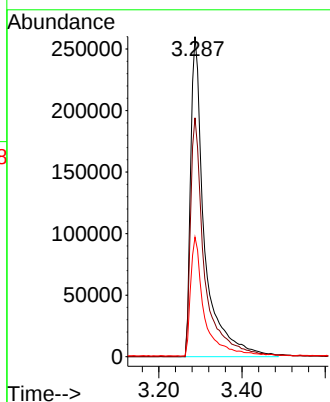
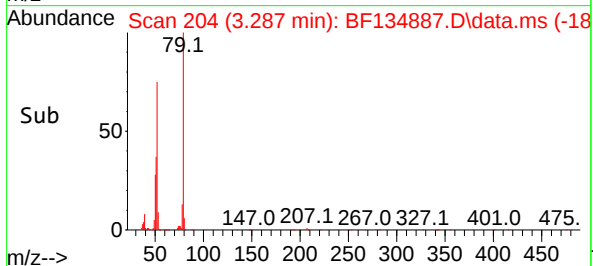
Tgt Ion: 79 Resp: 60569  
Ion Ratio Lower Upper  
79 100  
52 74.6 60.1 90.1  
51 37.4 29.4 44.0

Manual Integrations

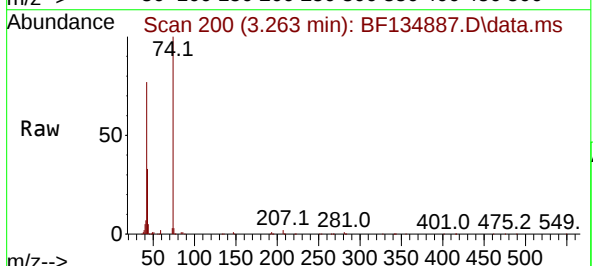
APPROVED

Reviewed By :Yogesh Patel 08/23/2023

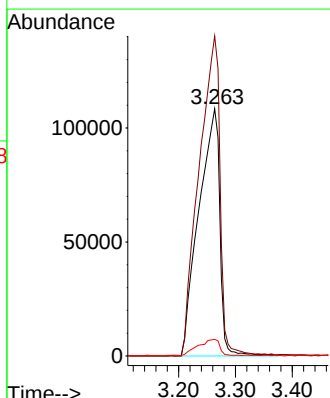
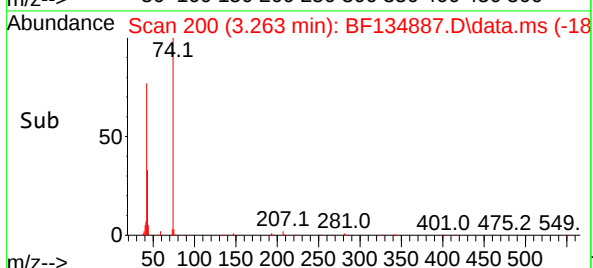
Supervised By :mohammad ahmed 08/23/2023

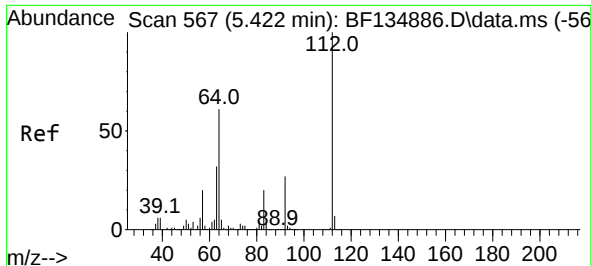


#4  
n-Nitrosodimethylamine  
Concen: 48.749 ng  
RT: 3.263 min Scan# 200  
Delta R.T. 0.006 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42



Tgt Ion: 42 Resp: 278140  
Ion Ratio Lower Upper  
42 100  
74 129.5 101.8 152.8  
44 6.8 5.4 8.0





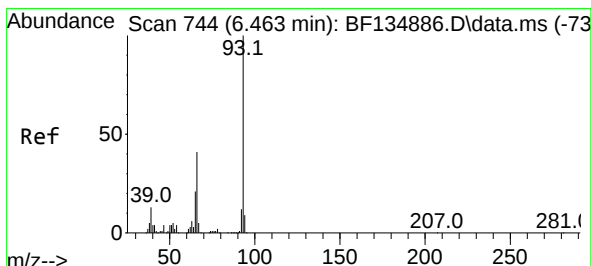
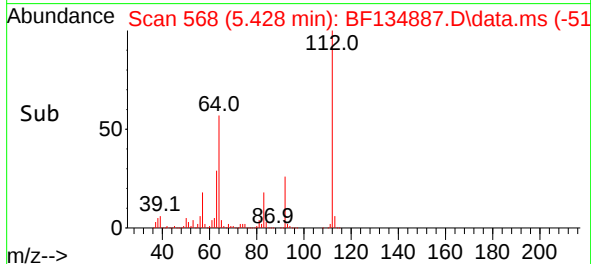
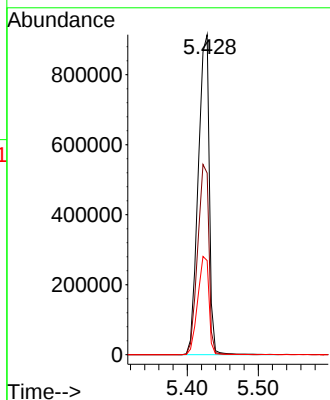
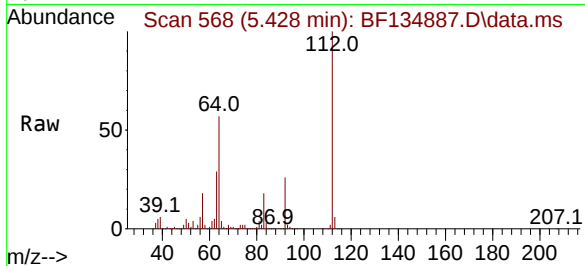
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2-Fluorophenol  
Concen: 90.095 ng  
RT: 5.428 min Scan# 50  
Delta R.T. 0.006 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

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SSTDICC050

Tgt Ion:112 Resp: 994120  
Ion Ratio Lower Upper  
112 100  
64 56.7 48.6 73.0  
63 29.4 25.7 38.5

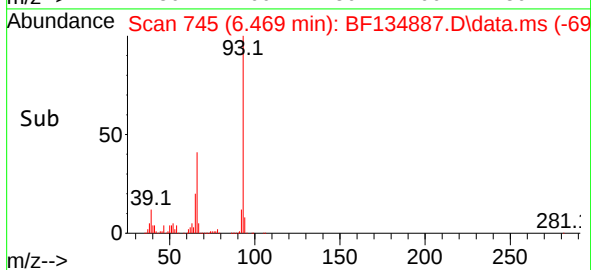
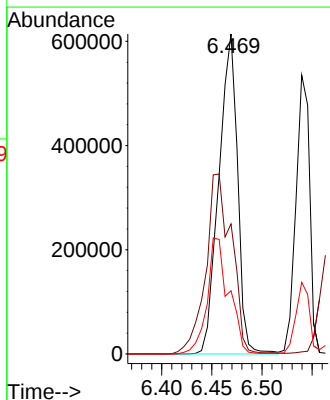
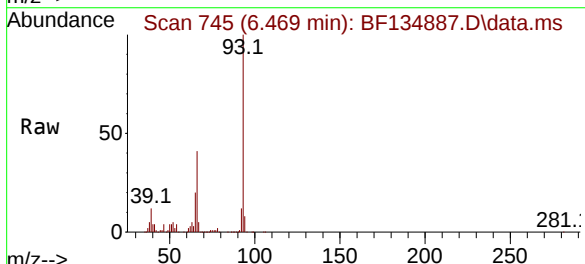
Manual Integrations  
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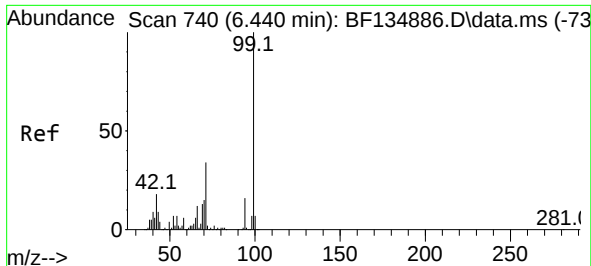
Reviewed By :Yogesh Patel 08/23/2023  
Supervised By :mohammad ahmed 08/23/2023



#6  
Aniline  
Concen: 45.826 ng  
RT: 6.469 min Scan# 745  
Delta R.T. 0.006 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

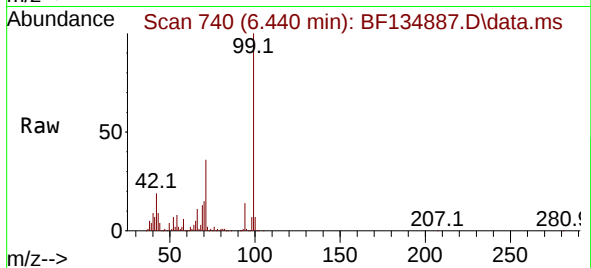
Tgt Ion: 93 Resp: 798575  
Ion Ratio Lower Upper  
93 100  
66 40.6 32.7 49.1  
65 19.7 16.7 25.1





#7  
Phenol-d6  
Concen: 89.819 ng  
RT: 6.440 min Scan# 740  
Delta R.T. 0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

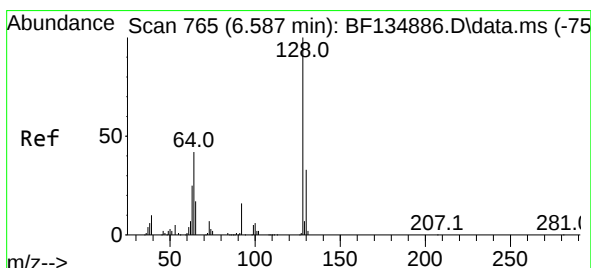
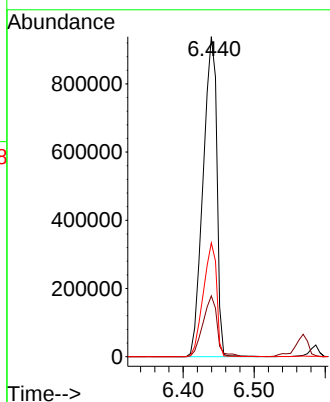
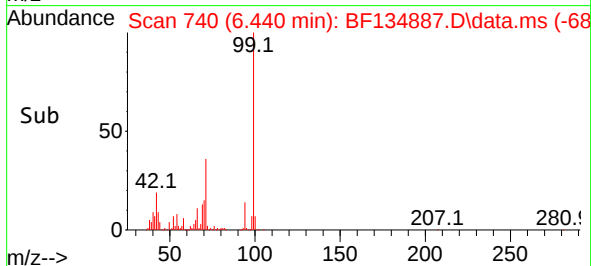
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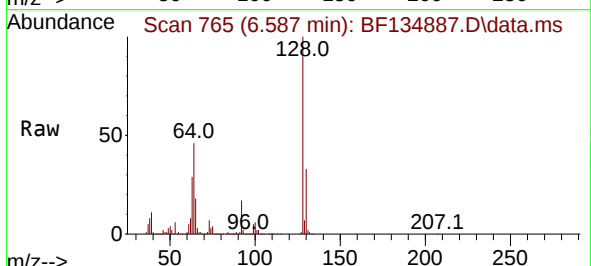
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Ion Ratio Lower Upper  
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71 35.5 27.6 41.4

Manual Integrations  
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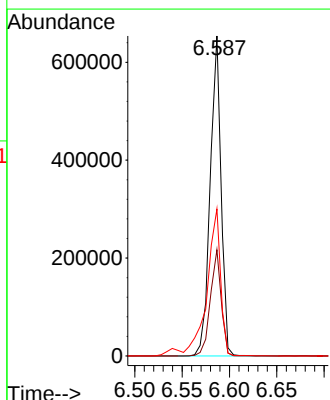
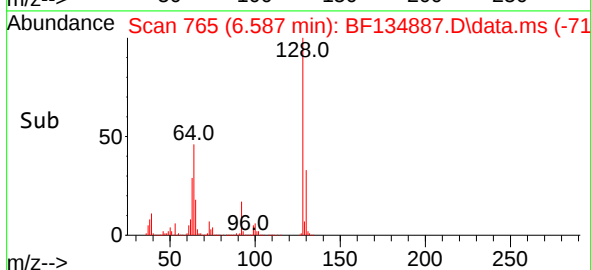
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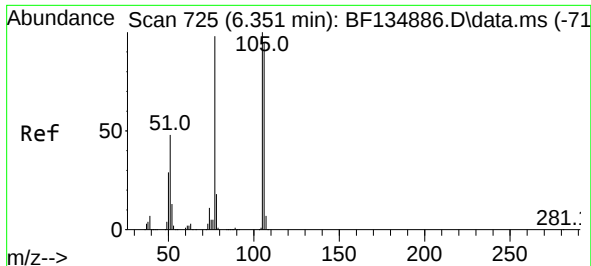


#8  
2-Chlorophenol  
Concen: 45.083 ng  
RT: 6.587 min Scan# 765  
Delta R.T. 0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42



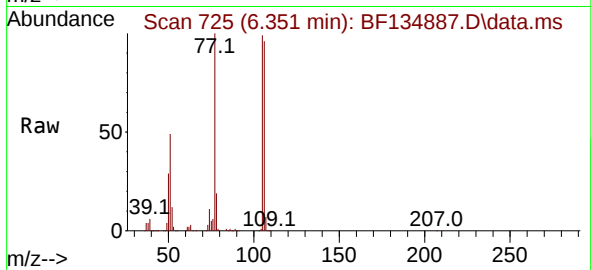
Tgt Ion:128 Resp: 521984  
Ion Ratio Lower Upper  
128 100  
130 33.2 13.0 53.0  
64 46.0 23.4 63.4





#9  
Benzaldehyde  
Concen: 43.409 ng  
RT: 6.351 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

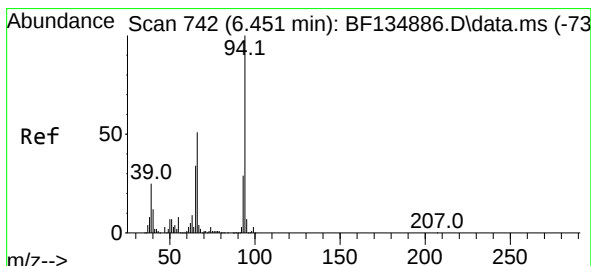
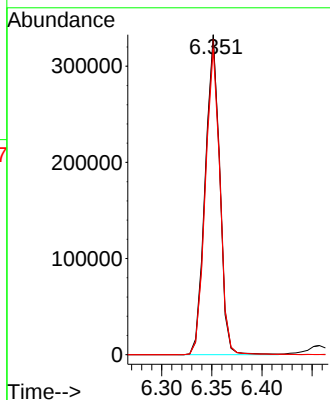
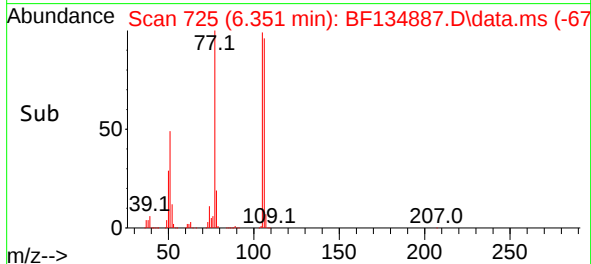
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050



Tgt Ion: 77 Resp: 335056  
Ion Ratio Lower Upper  
77 100  
105 98.7 82.4 122.4  
106 95.6 77.2 117.2

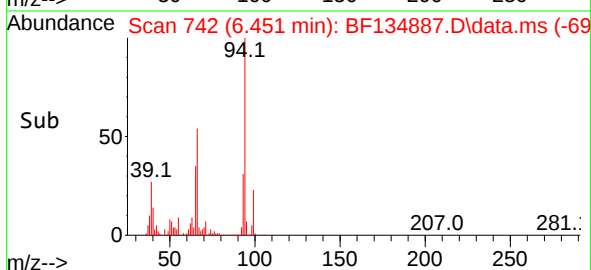
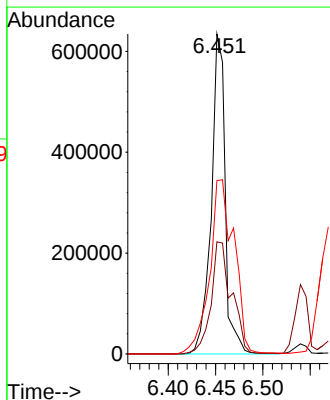
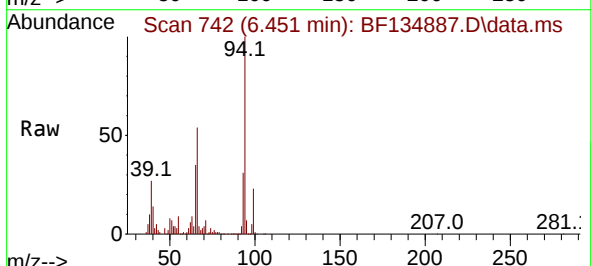
Manual Integrations  
APPROVED

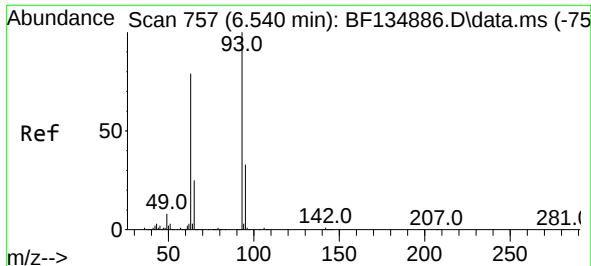
Reviewed By :Yogesh Patel 08/23/2023  
Supervised By :mohammad ahmed 08/23/2023



#10  
Phenol  
Concen: 44.857 ng  
RT: 6.451 min Scan# 742  
Delta R.T. 0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

Tgt Ion: 94 Resp: 647536  
Ion Ratio Lower Upper  
94 100  
65 35.1 14.0 54.0  
66 54.2 31.1 71.1





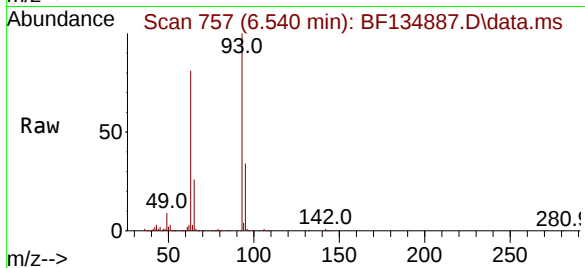
#11  
bis(2-Chloroethyl)ether  
Concen: 46.003 ng  
RT: 6.540 min Scan# 701  
Delta R.T. 0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

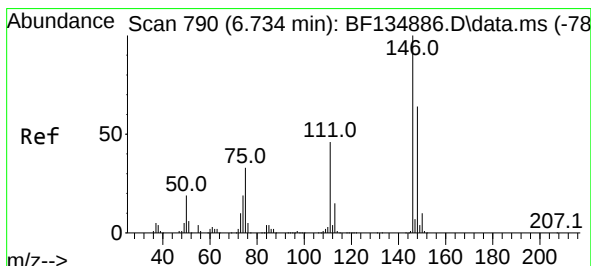
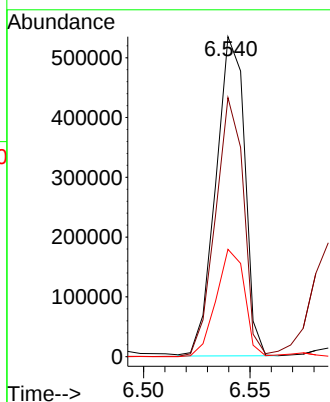
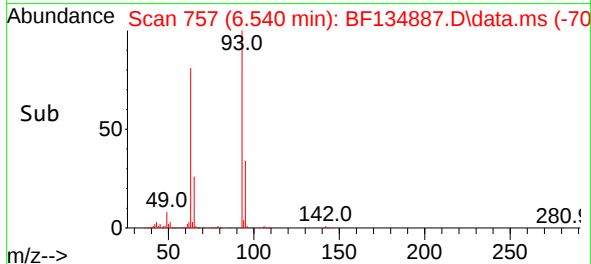


Tgt Ion: 93 Resp: 503749  
Ion Ratio Lower Upper  
93 100  
63 81.0 58.7 98.7  
95 33.6 12.4 52.4

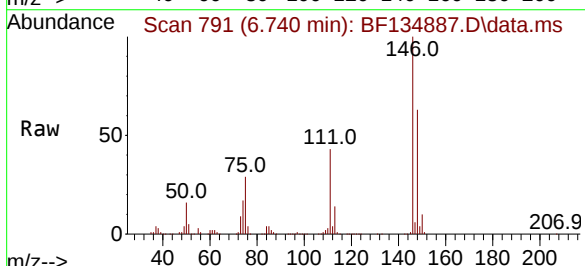
Manual Integrations

APPROVED

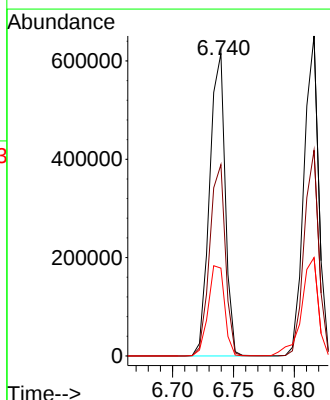
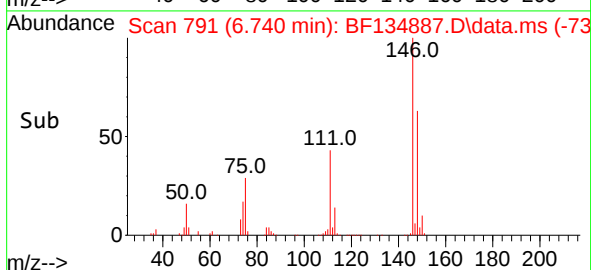
Reviewed By :Yogesh Patel 08/23/2023  
Supervised By :mohammad ahmed 08/23/2023

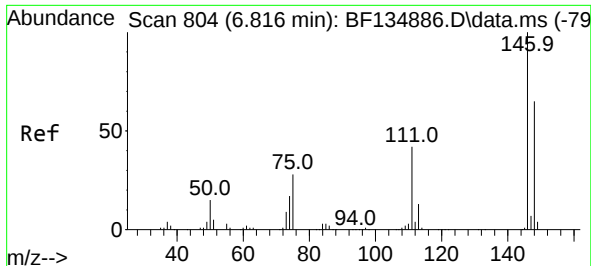


#12  
1,3-Dichlorobenzene  
Concen: 45.650 ng  
RT: 6.740 min Scan# 791  
Delta R.T. 0.006 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42



Tgt Ion:146 Resp: 551254  
Ion Ratio Lower Upper  
146 100  
148 63.3 51.2 76.8  
75 29.1 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 45.279 ng

RT: 6.816 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF134887.D

Acq: 22 Aug 2023 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

Tgt Ion:146 Resp: 547269

Ion Ratio Lower Upper

146 100

148 64.3 52.1 78.1

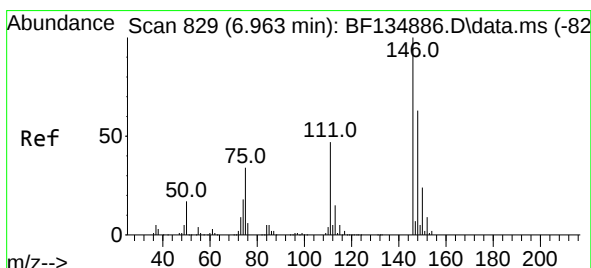
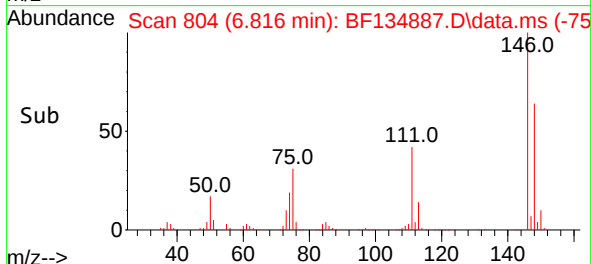
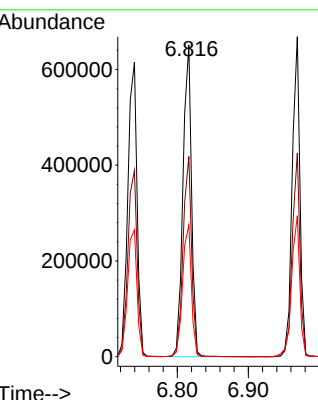
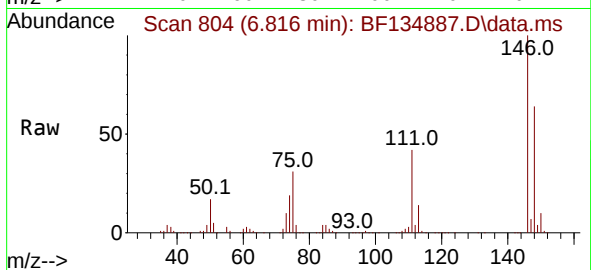
111 42.4 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2023

Supervised By :mohammad ahmed 08/23/2023



#14

1,2-Dichlorobenzene

Concen: 43.097 ng

RT: 6.969 min Scan# 830

Delta R.T. 0.006 min

Lab File: BF134887.D

Acq: 22 Aug 2023 15:42

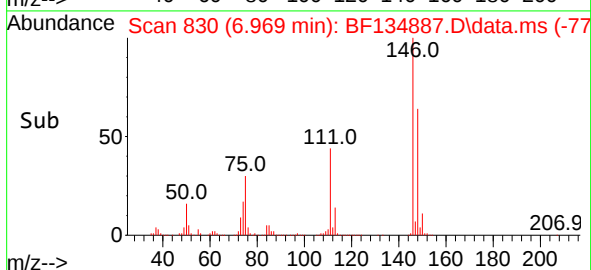
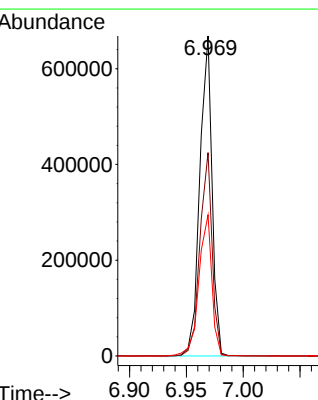
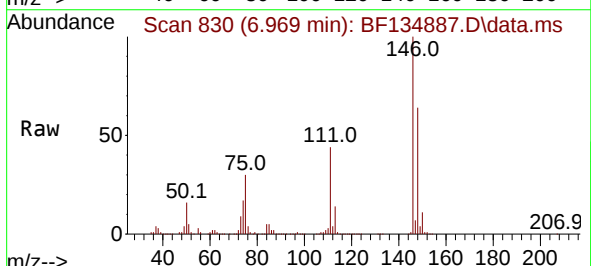
Tgt Ion:146 Resp: 500151

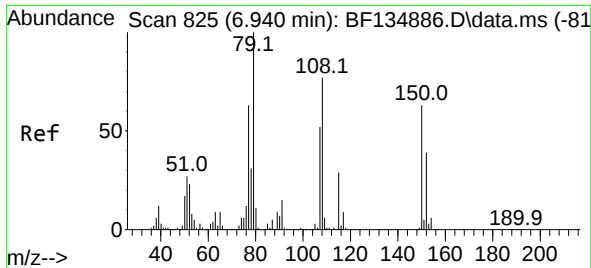
Ion Ratio Lower Upper

146 100

148 63.6 50.5 75.7

111 44.0 37.5 56.3





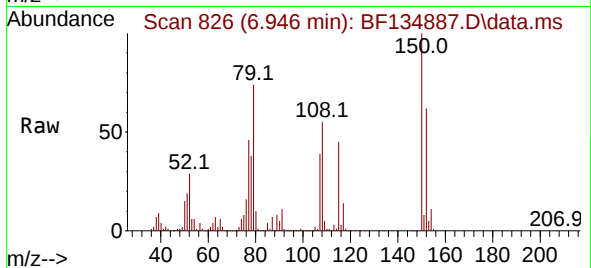
#15  
Benzyl Alcohol  
Concen: 45.447 ng  
RT: 6.946 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

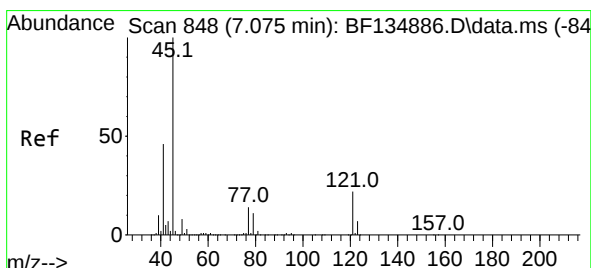
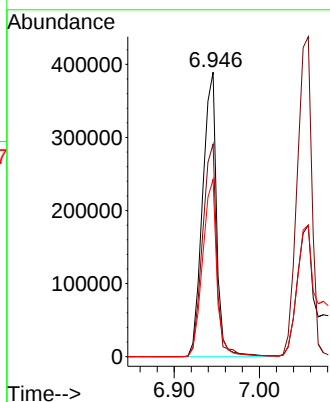
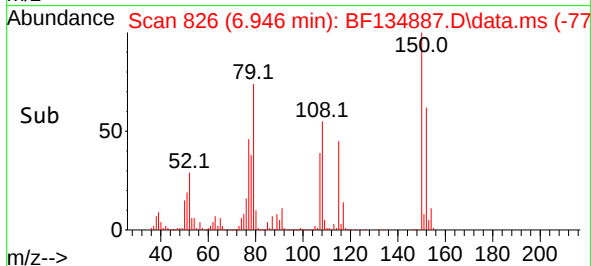


Tgt Ion: 79 Resp: 445220  
Ion Ratio Lower Upper  
79 100  
108 74.7 61.4 92.2  
77 62.3 50.1 75.1

Manual Integrations

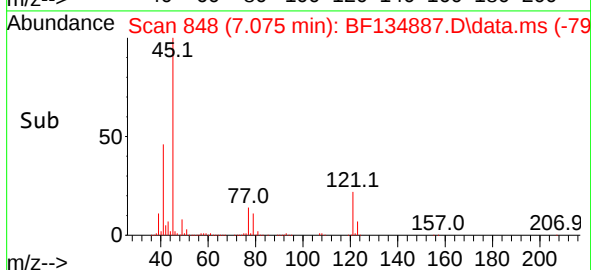
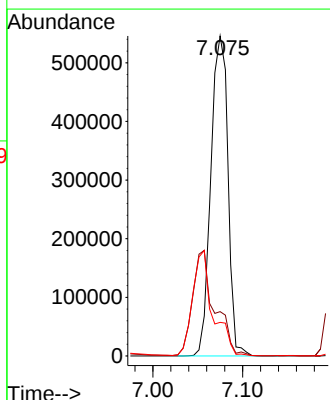
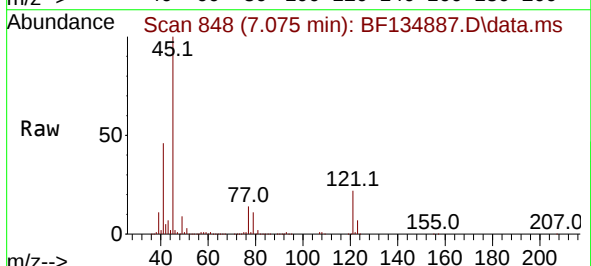
APPROVED

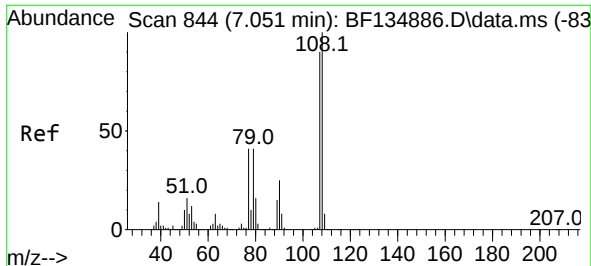
Reviewed By :Yogesh Patel 08/23/2023  
Supervised By :mohammad ahmed 08/23/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 45.527 ng  
RT: 7.075 min Scan# 848  
Delta R.T. 0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

Tgt Ion: 45 Resp: 721902  
Ion Ratio Lower Upper  
45 100  
77 13.9 0.0 33.9  
79 10.5 0.0 31.1





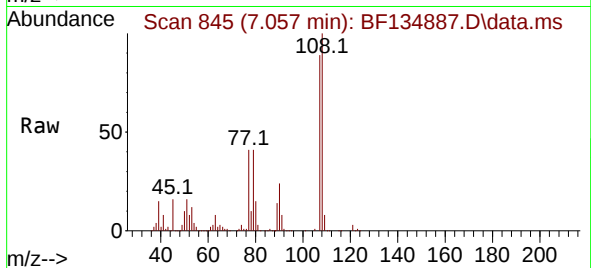
#17  
2-Methylphenol  
Concen: 46.222 ng  
RT: 7.057 min Scan# 844  
Delta R.T. 0.006 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

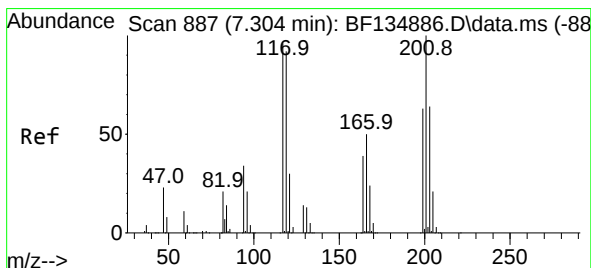
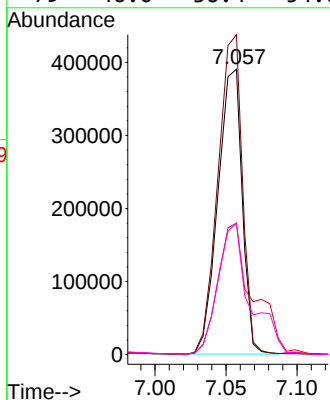
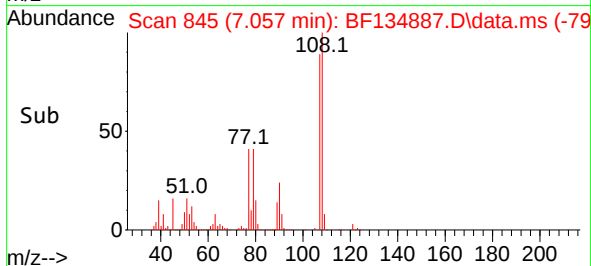


Tgt Ion:107 Resp: 463160  
Ion Ratio Lower Upper  
107 100  
108 112.1 89.0 133.6  
77 46.1 36.5 54.7  
79 46.0 36.4 54.6

Manual Integrations

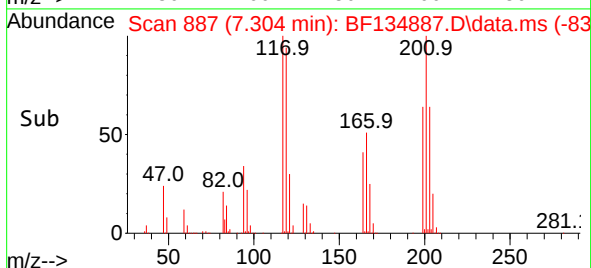
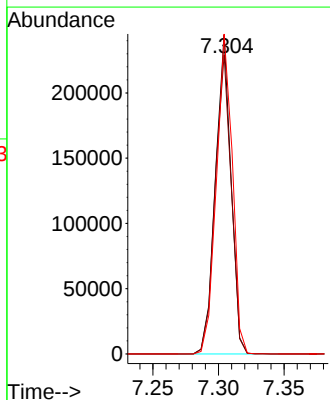
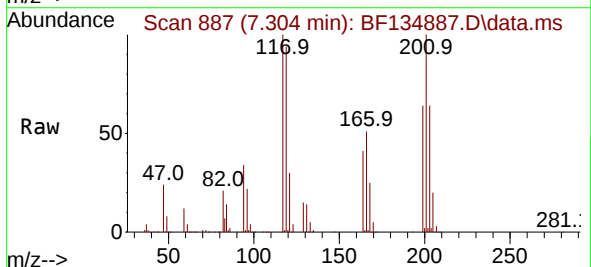
APPROVED

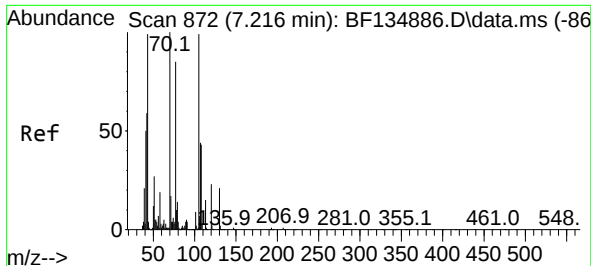
Reviewed By :Yogesh Patel 08/23/2023  
Supervised By :mohammad ahmed 08/23/2023



#18  
Hexachloroethane  
Concen: 45.862 ng  
RT: 7.304 min Scan# 887  
Delta R.T. 0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

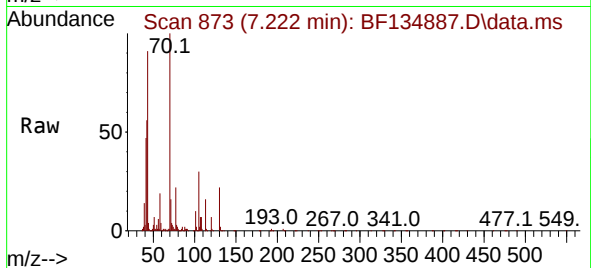
Tgt Ion:117 Resp: 200614  
Ion Ratio Lower Upper  
117 100  
119 93.9 76.6 114.8  
201 100.4 83.4 125.2





#19  
n-Nitroso-di-n-propylamine  
Concen: 43.501 ng  
RT: 7.222 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

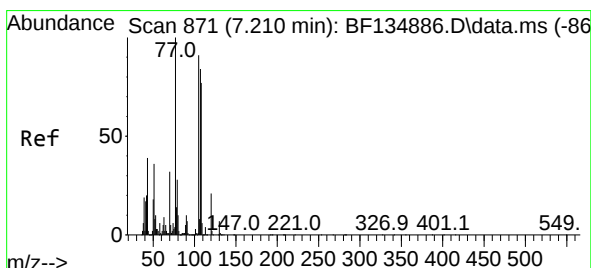
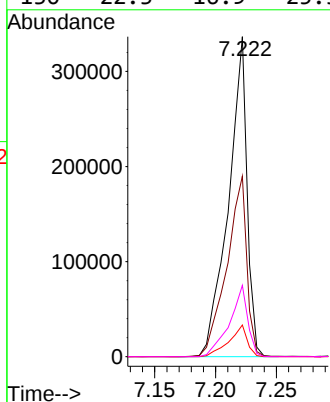
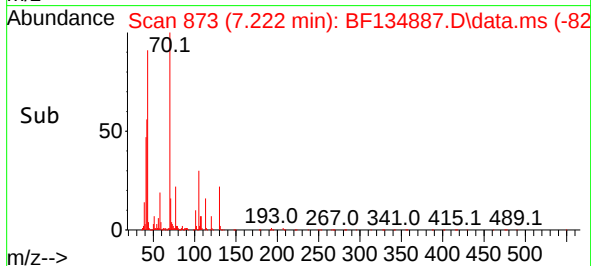
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050



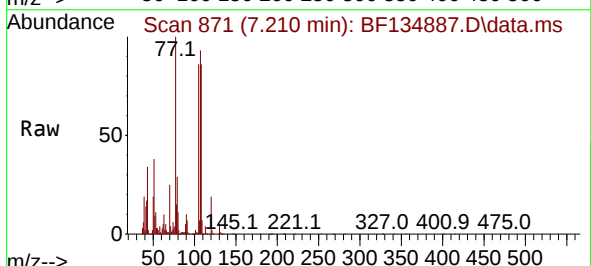
Tgt Ion: 70 Resp: 358218  
Ion Ratio Lower Upper  
70 100  
42 56.4 46.9 70.3  
101 9.9 7.5 11.3  
130 22.3 16.9 25.3

Manual Integrations  
APPROVED

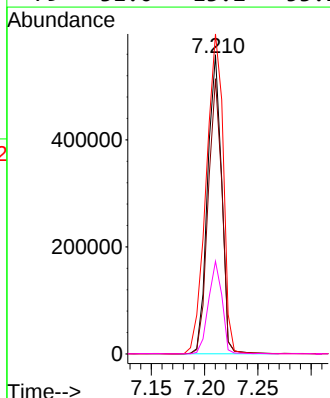
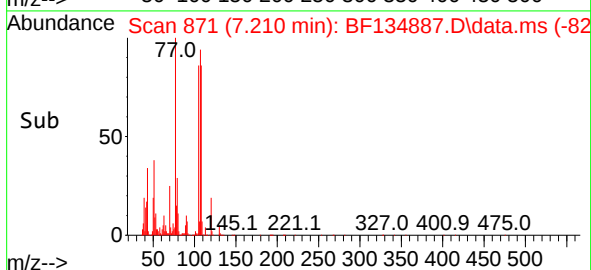
Reviewed By :Yogesh Patel 08/23/2023  
Supervised By :mohammad ahmed 08/23/2023

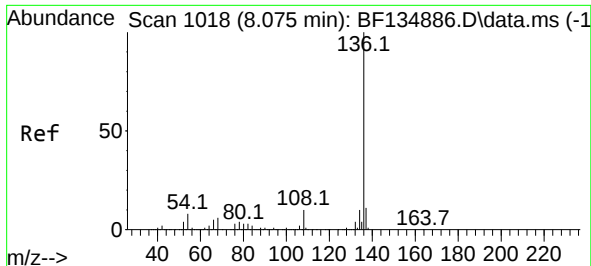


#20  
3+4-Methylphenols  
Concen: 47.268 ng  
RT: 7.210 min Scan# 871  
Delta R.T. 0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42



Tgt Ion:107 Resp: 509988  
Ion Ratio Lower Upper  
107 100  
108 92.0 71.7 111.7  
77 107.0 98.4 138.4  
79 31.0 13.2 53.2





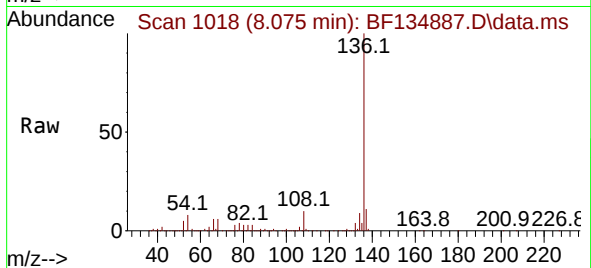
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.075 min Scan# 1018  
Delta R.T. 0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

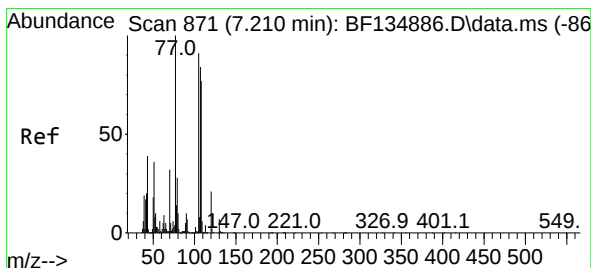
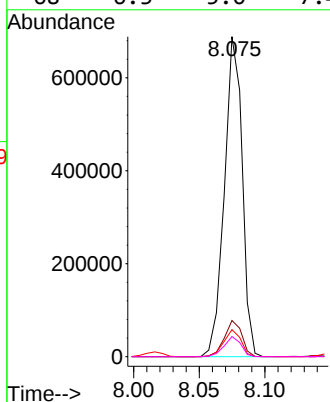
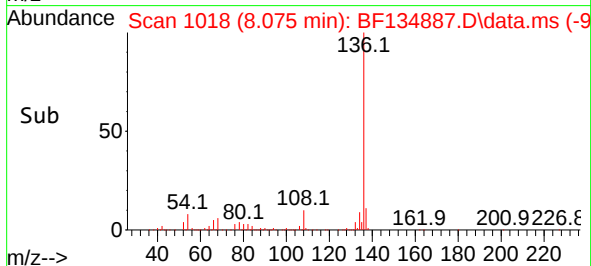


Tgt Ion:136 Resp: 649915  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.9 13.3  
54 8.4 6.6 9.8  
68 6.3 5.0 7.4

Manual Integrations

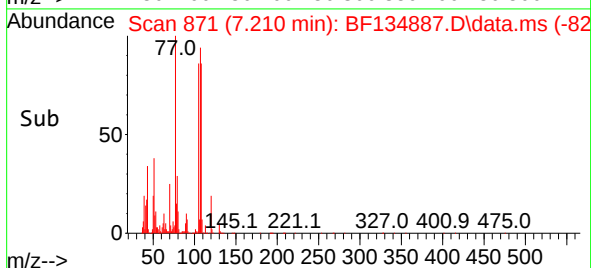
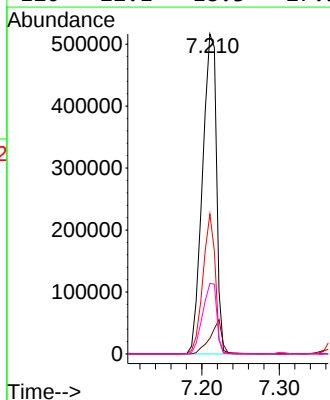
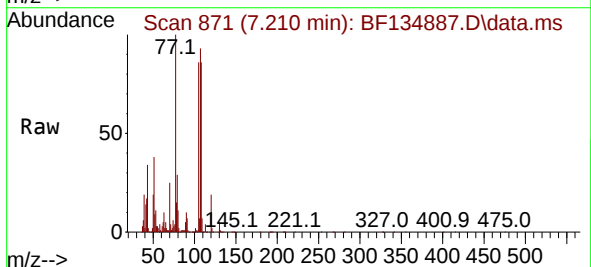
APPROVED

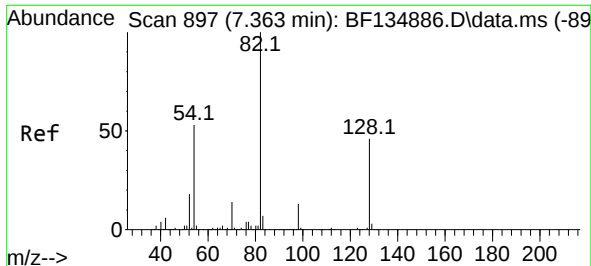
Reviewed By :Yogesh Patel 08/23/2023  
Supervised By :mohammad ahmed 08/23/2023



#22  
Acetophenone  
Concen: 45.297 ng  
RT: 7.210 min Scan# 871  
Delta R.T. 0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

Tgt Ion:105 Resp: 650680  
Ion Ratio Lower Upper  
105 100  
71 4.8 4.6 6.8  
51 43.7 32.2 48.2  
120 22.1 18.3 27.5





#23

Nitrobenzene-d5

Concen: 94.798 ng

RT: 7.363 min Scan# 89

Delta R.T. 0.000 min

Lab File: BF134887.D

Acq: 22 Aug 2023 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 1118094

Ion Ratio Lower Upper

82 100

128 44.9 36.6 54.8

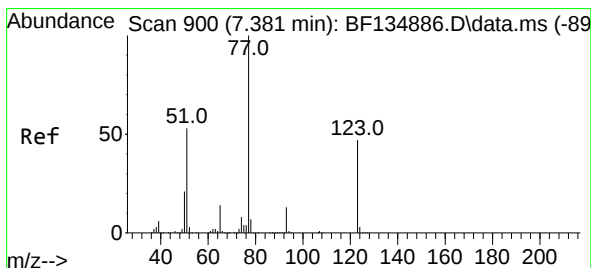
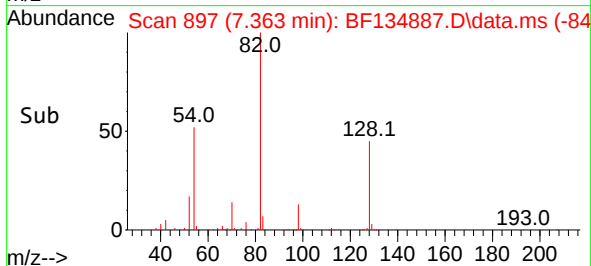
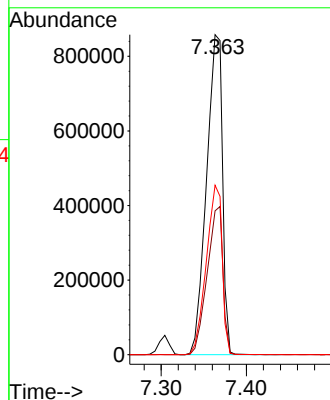
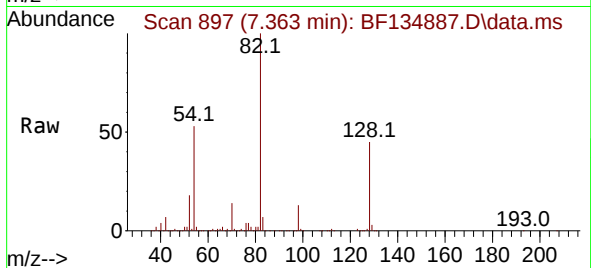
54 52.9 42.6 63.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2023

Supervised By :mohammad ahmed 08/23/2023



#24

Nitrobenzene

Concen: 47.624 ng

RT: 7.387 min Scan# 901

Delta R.T. 0.006 min

Lab File: BF134887.D

Acq: 22 Aug 2023 15:42

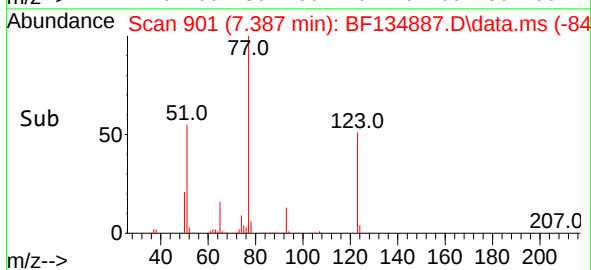
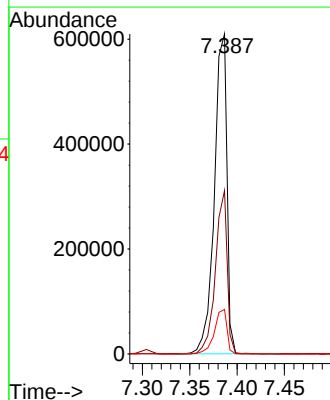
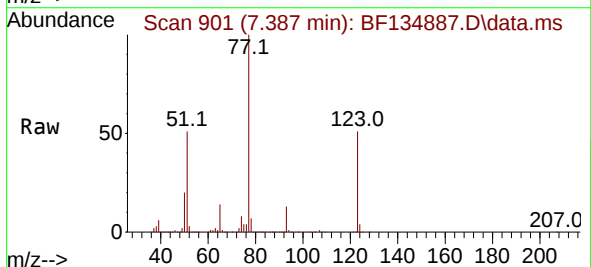
Tgt Ion: 77 Resp: 563629

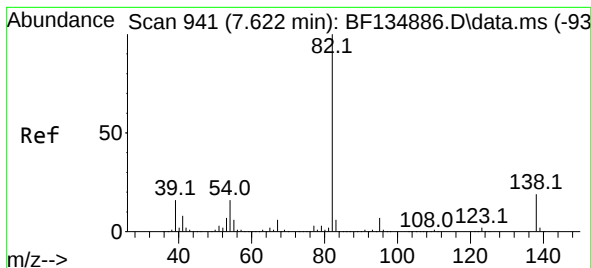
Ion Ratio Lower Upper

77 100

123 51.0 37.9 56.9

65 13.9 11.1 16.7





#25

Isophorone

Concen: 47.034 ng

RT: 7.622 min Scan# 941

Delta R.T. 0.000 min

Lab File: BF134887.D

Acq: 22 Aug 2023 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 103585

Ion Ratio Lower Upper

82 100

95 7.4 5.9 8.9

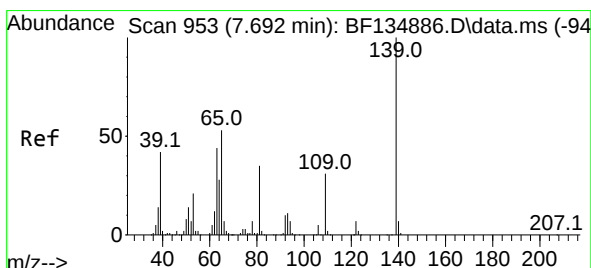
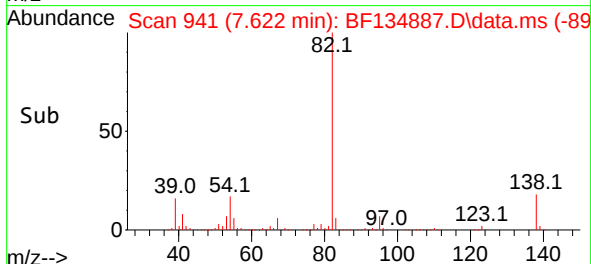
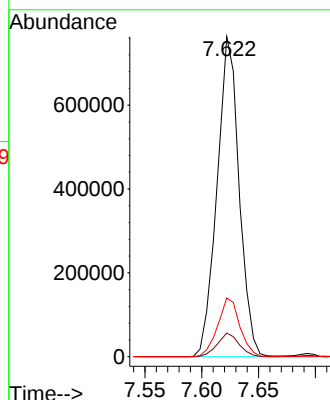
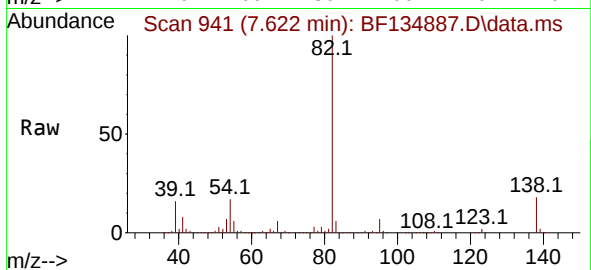
138 18.3 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2023

Supervised By :mohammad ahmed 08/23/2023



#26

2-Nitrophenol

Concen: 49.073 ng

RT: 7.693 min Scan# 953

Delta R.T. 0.000 min

Lab File: BF134887.D

Acq: 22 Aug 2023 15:42

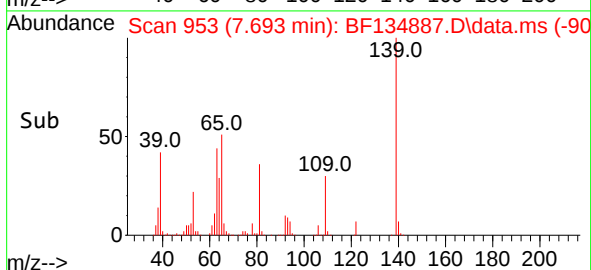
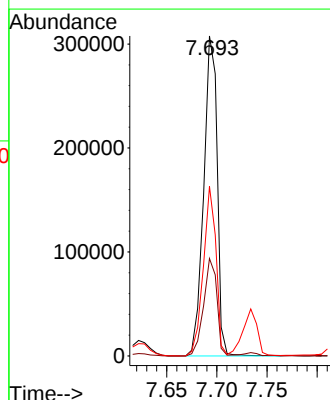
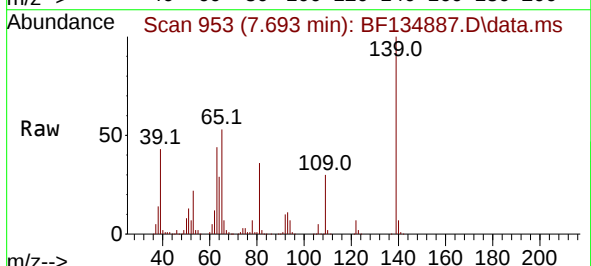
Tgt Ion:139 Resp: 289136

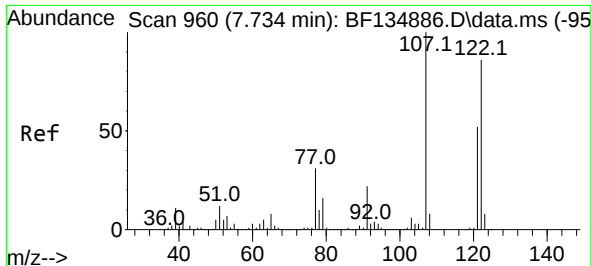
Ion Ratio Lower Upper

139 100

109 30.4 24.5 36.7

65 53.0 42.4 63.6





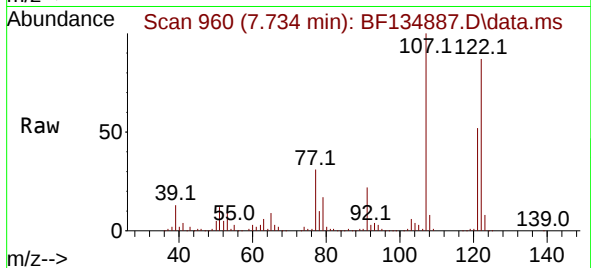
#27  
2,4-Dimethylphenol  
Concen: 47.148 ng  
RT: 7.734 min Scan# 960  
Delta R.T. 0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

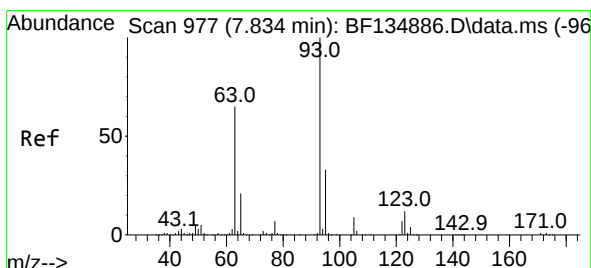
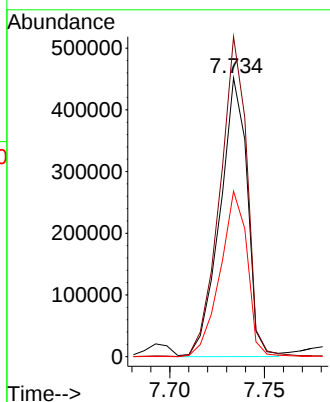
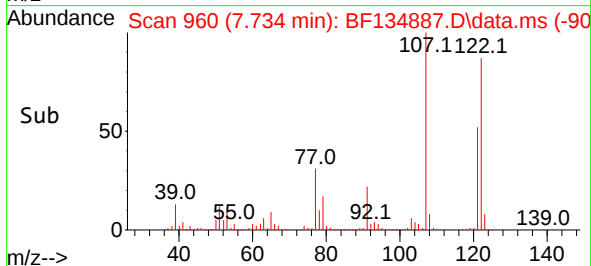


Tgt Ion:122 Resp: 453091  
Ion Ratio Lower Upper  
122 100  
107 114.8 92.9 139.3  
121 59.4 48.4 72.6

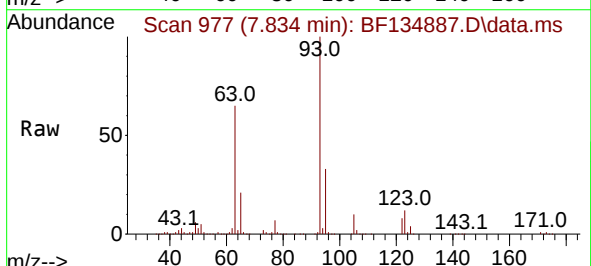
Manual Integrations

APPROVED

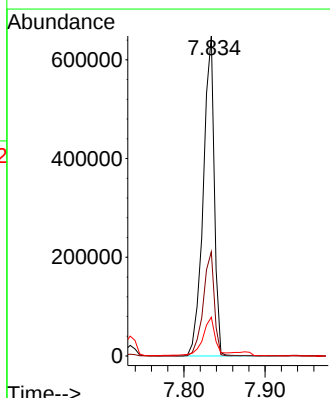
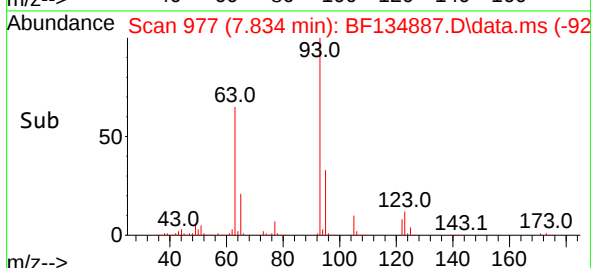
Reviewed By :Yogesh Patel 08/23/2023  
Supervised By :mohammad ahmed 08/23/2023

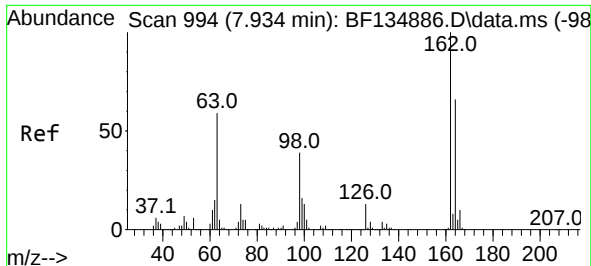


#28  
bis(2-Chloroethoxy)methane  
Concen: 46.571 ng  
RT: 7.834 min Scan# 977  
Delta R.T. 0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42



Tgt Ion: 93 Resp: 611308  
Ion Ratio Lower Upper  
93 100  
95 32.6 26.3 39.5  
123 12.1 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 47.149 ng

RT: 7.940 min Scan# 994

Delta R.T. 0.006 min

Lab File: BF134887.D

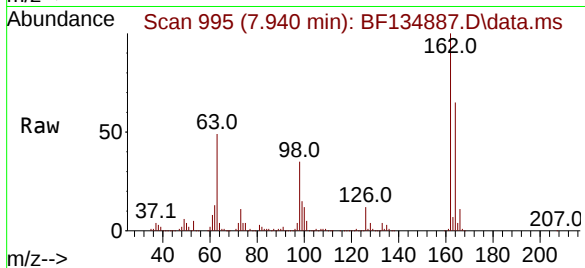
Acq: 22 Aug 2023 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050



Tgt Ion:162 Resp: 44768

Ion Ratio Lower Upper

162 100

164 65.1 45.6 85.6

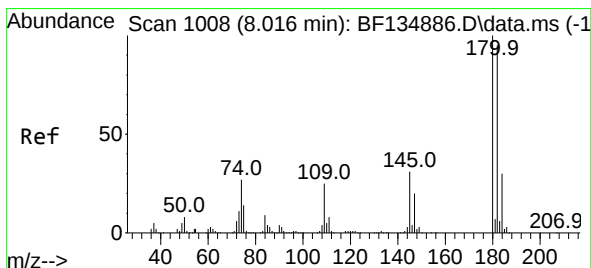
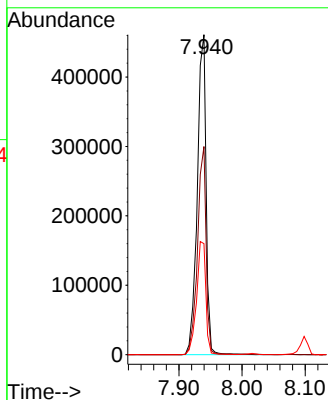
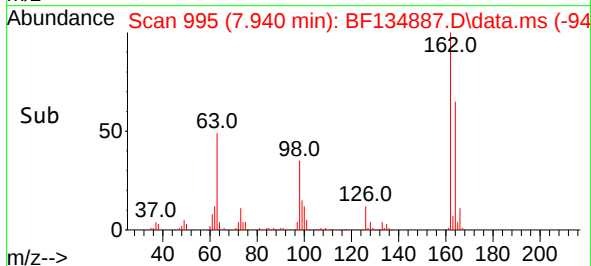
98 34.7 18.5 58.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2023

Supervised By :mohammad ahmed 08/23/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.520 ng

RT: 8.016 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF134887.D

Acq: 22 Aug 2023 15:42

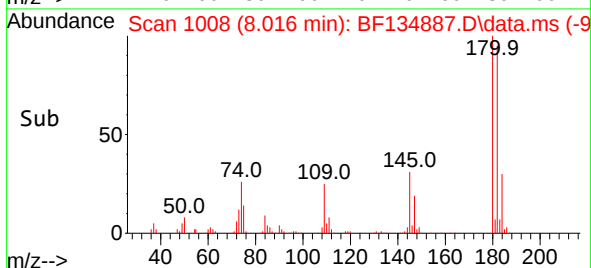
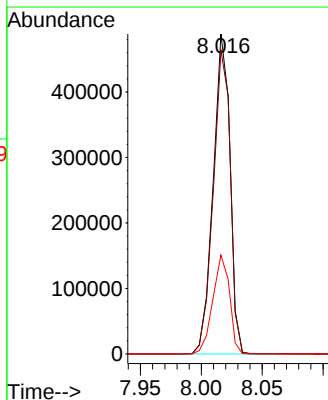
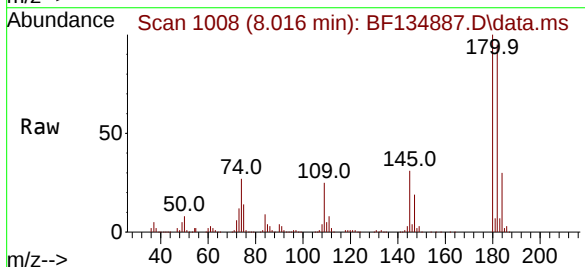
Tgt Ion:180 Resp: 468944

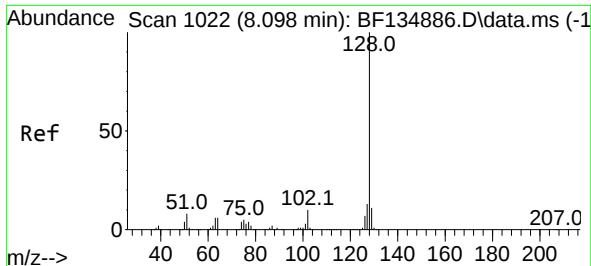
Ion Ratio Lower Upper

180 100

182 95.0 76.0 114.0

145 30.9 24.6 37.0





#31  
Naphthalene  
Concen: 45.587 ng  
RT: 8.098 min Scan# 1022  
Delta R.T. 0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

Instrument :

BNA\_F

ClientSampleId :

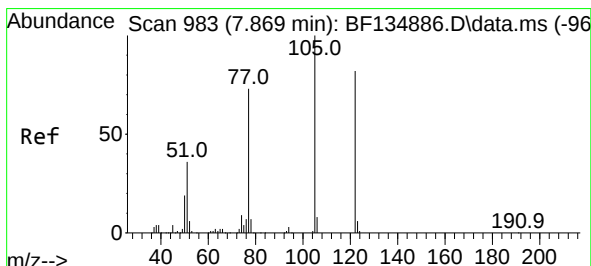
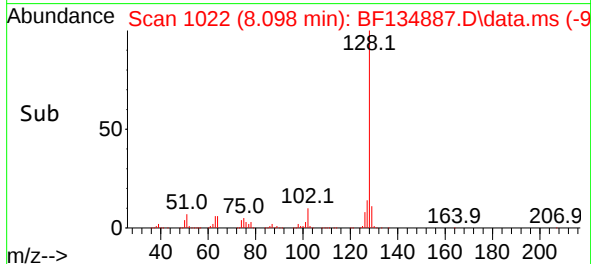
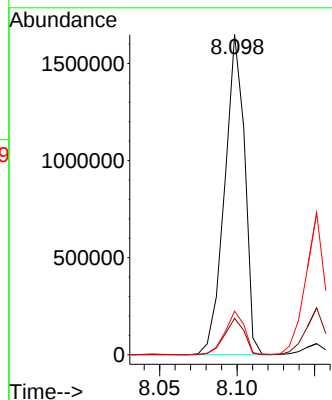
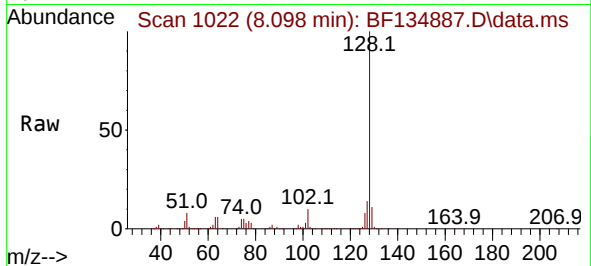
SSTDICC050

Tgt Ion:128 Resp: 1479386  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.0 13.4  
127 13.6 10.6 16.0

Manual Integrations

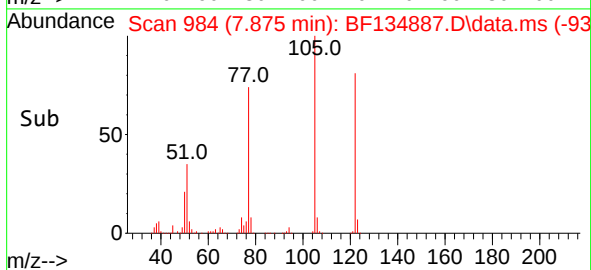
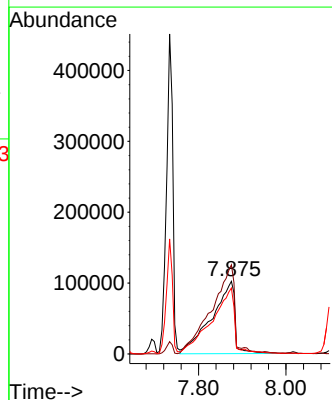
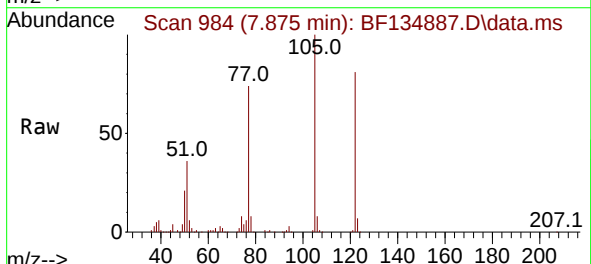
APPROVED

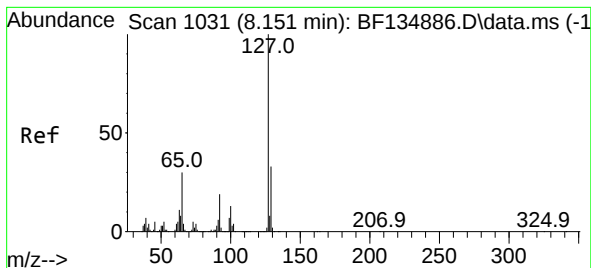
Reviewed By :Yogesh Patel 08/23/2023  
Supervised By :mohammad ahmed 08/23/2023



#32  
Benzoic acid  
Concen: 53.317 ng  
RT: 7.875 min Scan# 984  
Delta R.T. 0.006 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

Tgt Ion:122 Resp: 377400  
Ion Ratio Lower Upper  
122 100  
105 122.8 98.6 138.6  
77 90.6 68.6 108.6





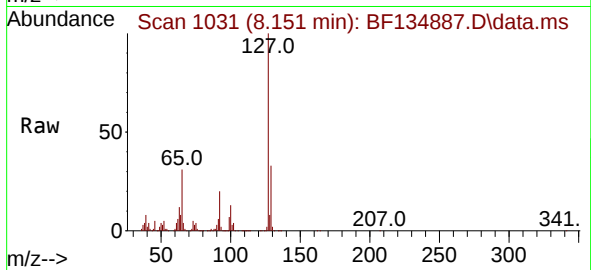
#33  
4-Chloroaniline  
Concen: 46.597 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050



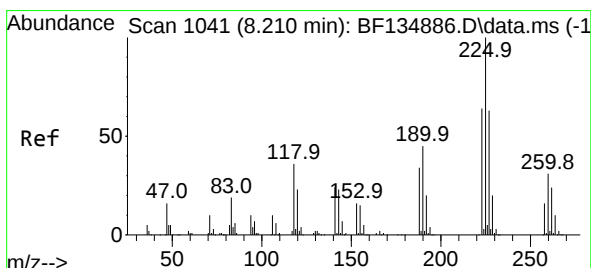
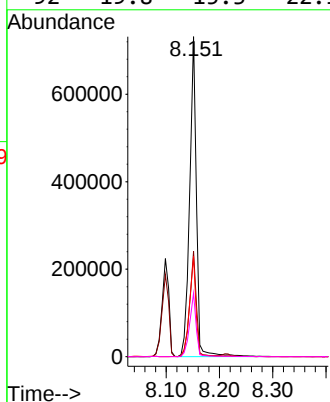
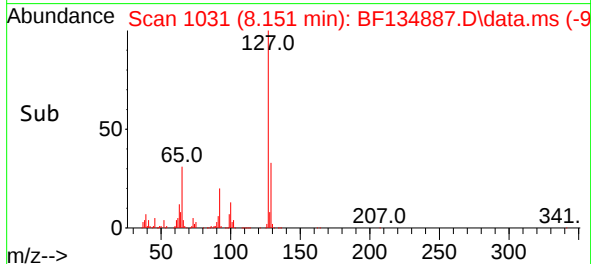
Tgt Ion:127 Resp: 648804  
Ion Ratio Lower Upper  
127 100  
129 33.0 26.4 39.6  
65 31.3 23.8 35.8  
92 19.8 15.3 22.9

Manual Integrations

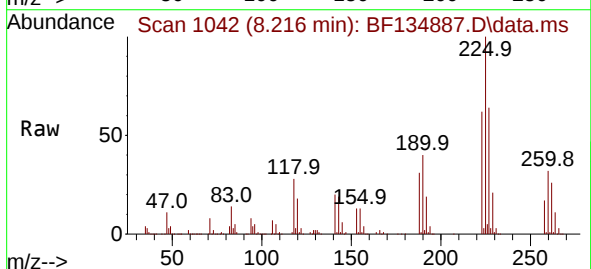
APPROVED

Reviewed By :Yogesh Patel 08/23/2023

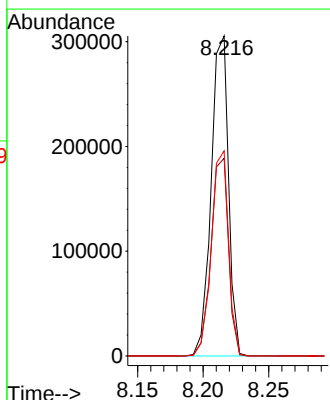
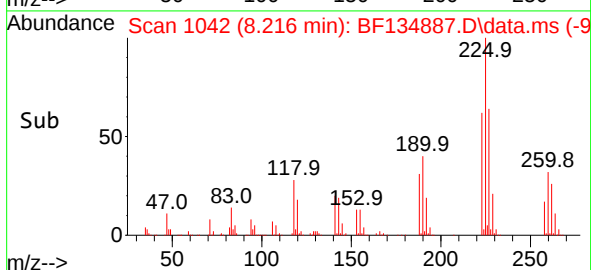
Supervised By :mohammad ahmed 08/23/2023

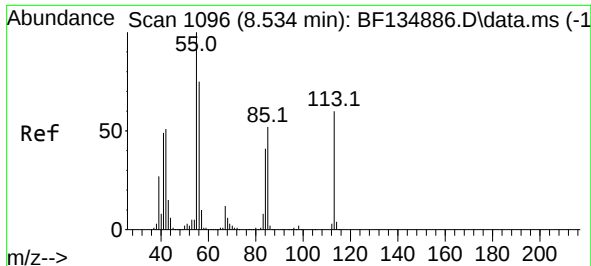


#34  
Hexachlorobutadiene  
Concen: 46.795 ng  
RT: 8.216 min Scan# 1042  
Delta R.T. 0.006 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42



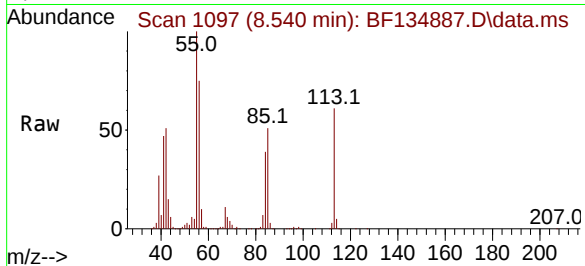
Tgt Ion:225 Resp: 280550  
Ion Ratio Lower Upper  
225 100  
223 61.8 51.1 76.7  
227 64.1 50.1 75.1





#35  
Caprolactam  
Concen: 47.108 ng m  
RT: 8.540 min Scan# 1096  
Delta R.T. 0.006 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

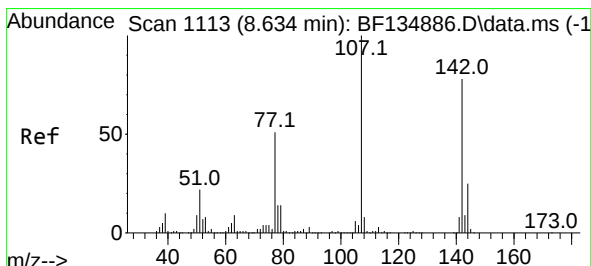
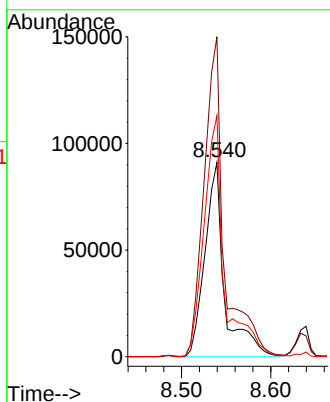
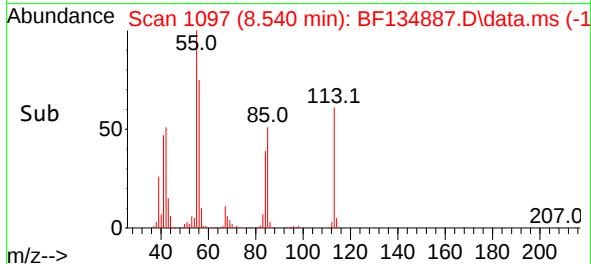
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050



Tgt Ion:113 Resp: 13919  
Ion Ratio Lower Upper  
113 100  
55 164.7 147.2 187.2  
56 124.0 106.0 146.0

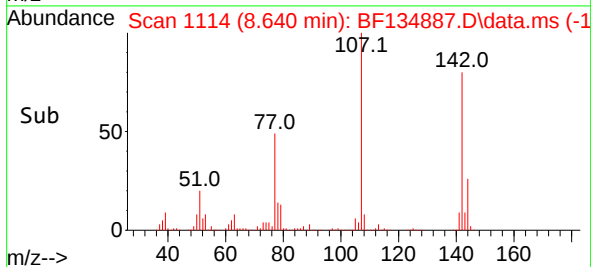
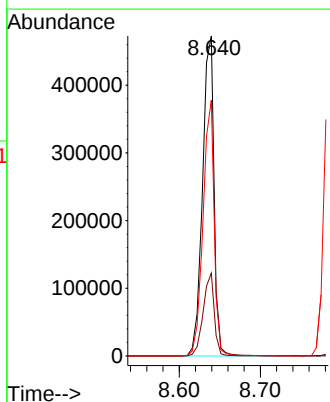
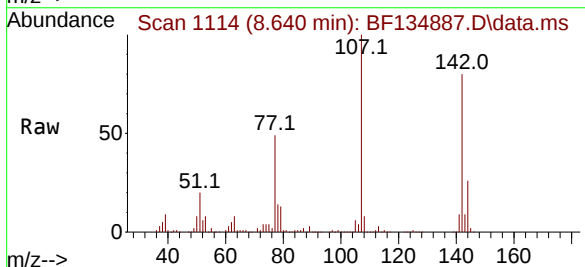
Manual Integrations  
APPROVED

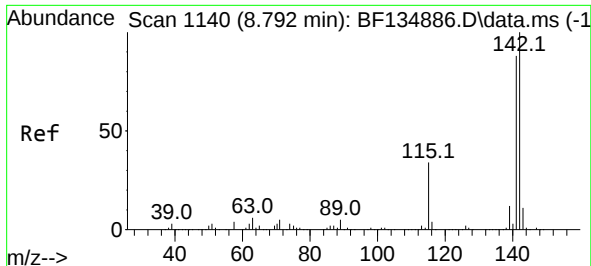
Reviewed By :Yogesh Patel 08/23/2023  
Supervised By :mohammad ahmed 08/23/2023



#36  
4-Chloro-3-methylphenol  
Concen: 46.353 ng  
RT: 8.640 min Scan# 1114  
Delta R.T. 0.006 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

Tgt Ion:107 Resp: 464454  
Ion Ratio Lower Upper  
107 100  
144 25.9 20.2 30.2  
142 80.0 62.5 93.7





#37

2-Methylnaphthalene

Concen: 45.122 ng

RT: 8.792 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF134887.D

Acq: 22 Aug 2023 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

Tgt Ion:142 Resp: 97652

Ion Ratio Lower Upper

142 100

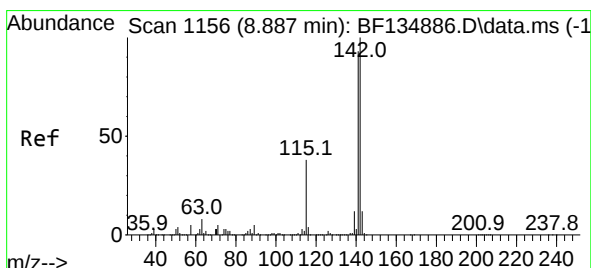
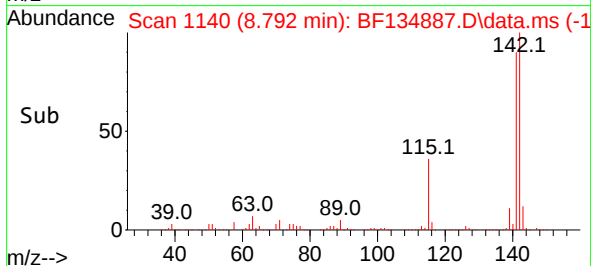
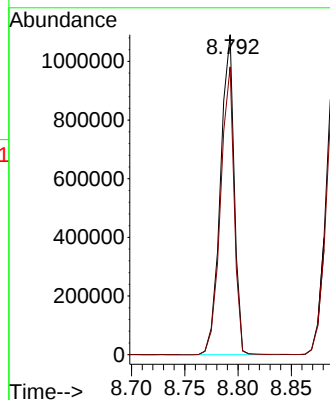
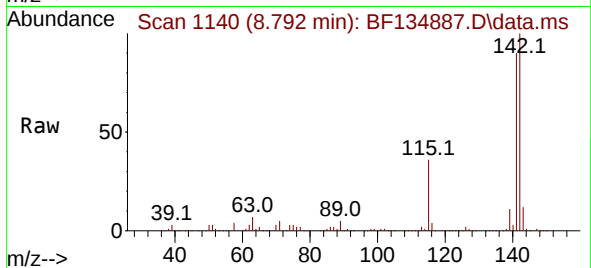
141 90.0 70.2 105.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2023

Supervised By :mohammad ahmed 08/23/2023



#38

1-Methylnaphthalene

Concen: 44.962 ng

RT: 8.892 min Scan# 1157

Delta R.T. 0.006 min

Lab File: BF134887.D

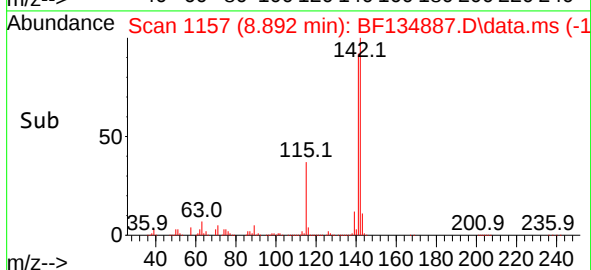
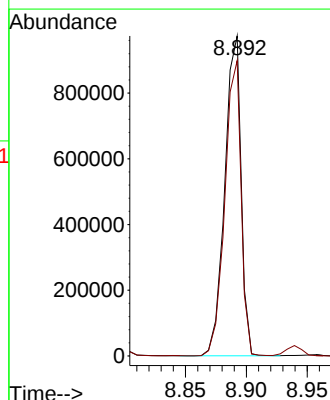
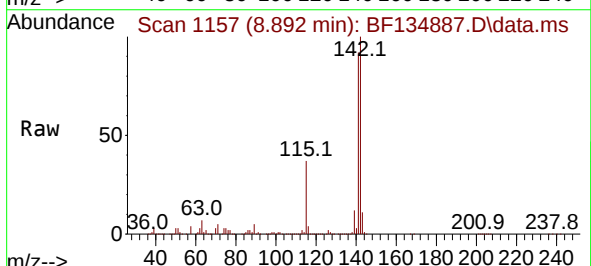
Acq: 22 Aug 2023 15:42

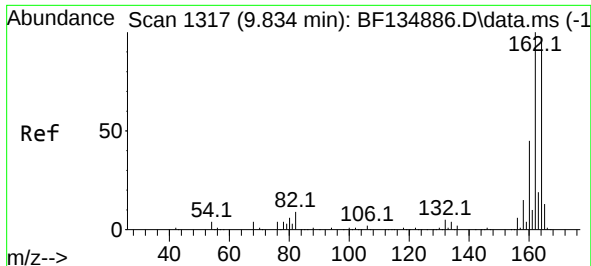
Tgt Ion:142 Resp: 909892

Ion Ratio Lower Upper

142 100

141 92.3 74.1 111.1





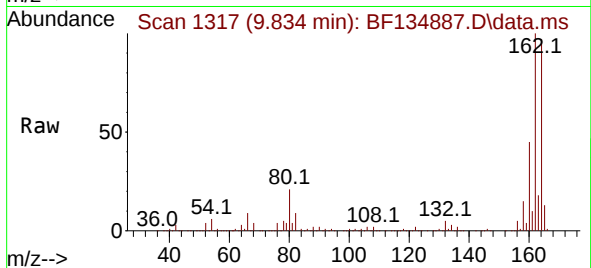
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.834 min Scan# 1167  
Delta R.T. 0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

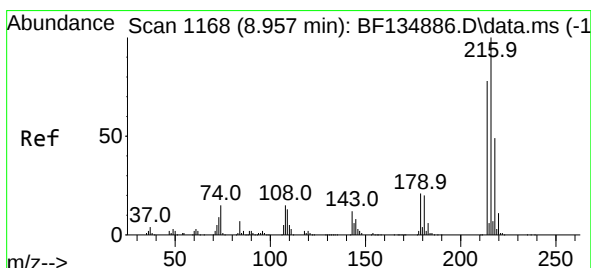
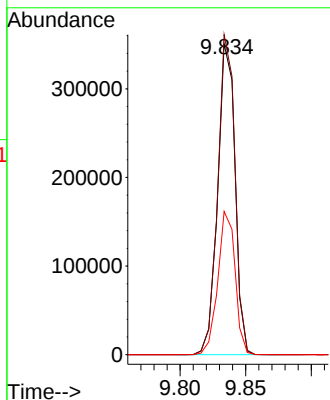
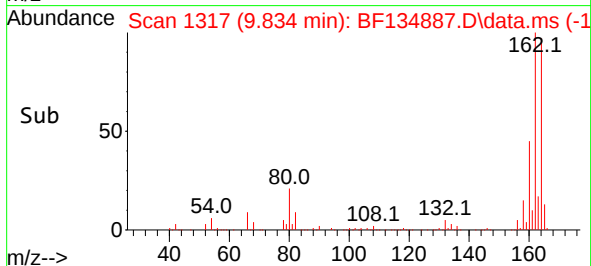


Tgt Ion:164 Resp: 322011  
Ion Ratio Lower Upper  
164 100  
162 102.9 82.6 123.8  
160 46.1 37.0 55.4

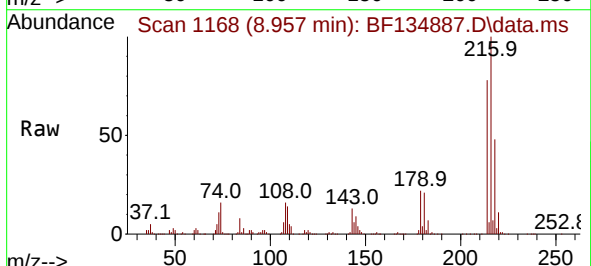
Manual Integrations

APPROVED

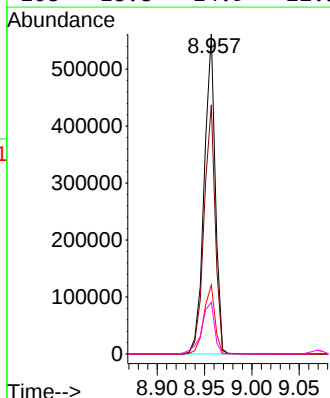
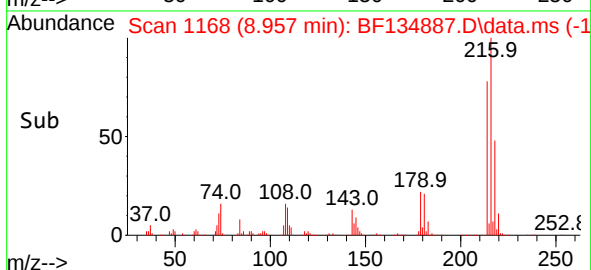
Reviewed By :Yogesh Patel 08/23/2023  
Supervised By :mohammad ahmed 08/23/2023

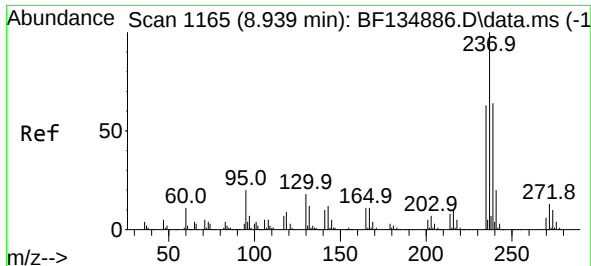


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 46.489 ng  
RT: 8.957 min Scan# 1168  
Delta R.T. 0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42



Tgt Ion:216 Resp: 456165  
Ion Ratio Lower Upper  
216 100  
214 78.7 63.1 94.7  
179 21.6 17.3 25.9  
108 18.8 14.9 22.3





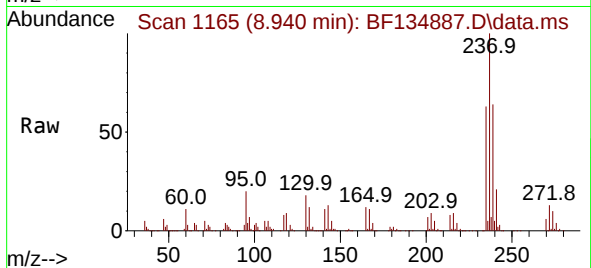
#41  
Hexachlorocyclopentadiene  
Concen: 52.615 ng  
RT: 8.940 min Scan# 1165  
Delta R.T. 0.001 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

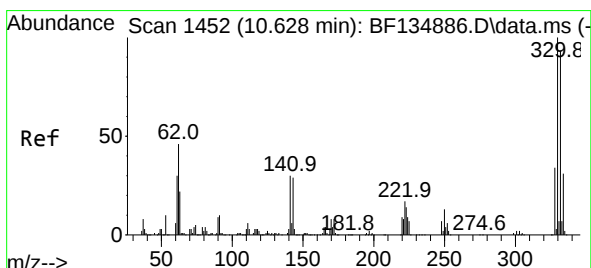
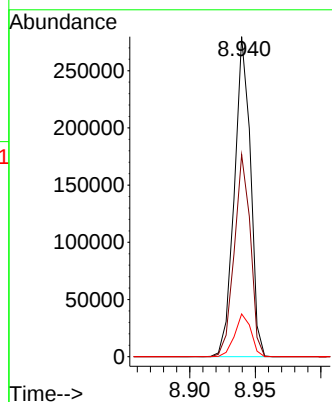
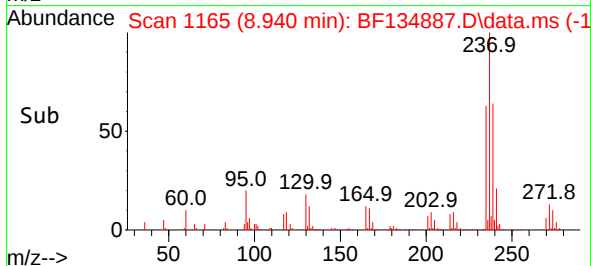


Tgt Ion:237 Resp: 23956  
Ion Ratio Lower Upper  
237 100  
235 63.1 43.1 83.1  
272 13.4 0.0 32.6

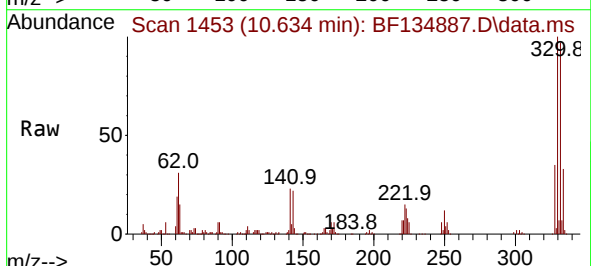
Manual Integrations

APPROVED

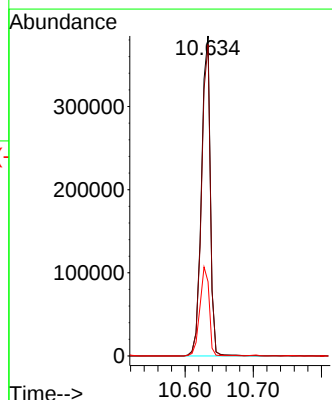
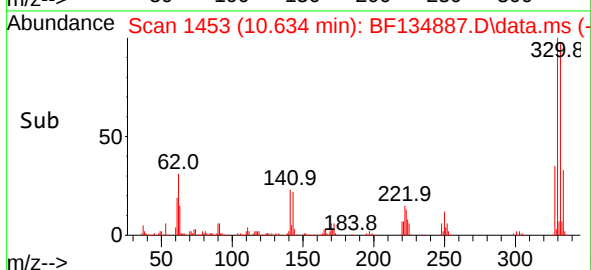
Reviewed By :Yogesh Patel 08/23/2023  
Supervised By :mohammad ahmed 08/23/2023

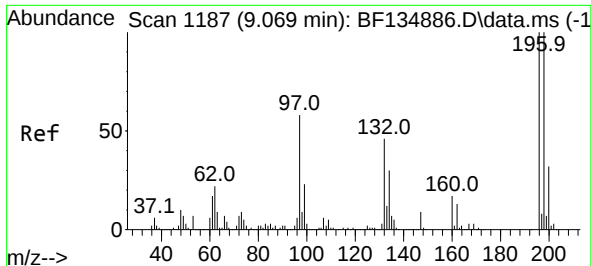


#42  
2,4,6-Tribromophenol  
Concen: 91.509 ng  
RT: 10.634 min Scan# 1453  
Delta R.T. 0.006 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42



Tgt Ion:330 Resp: 347048  
Ion Ratio Lower Upper  
330 100  
332 96.7 76.3 114.5  
141 29.4 23.4 35.2





#43  
2,4,6-Trichlorophenol  
Concen: 47.091 ng  
RT: 9.069 min Scan# 1187  
Delta R.T. 0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

Instrument :

BNA\_F

ClientSampleId :

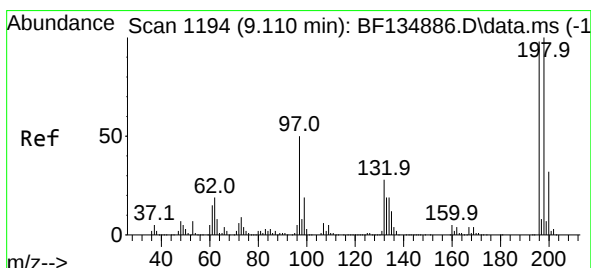
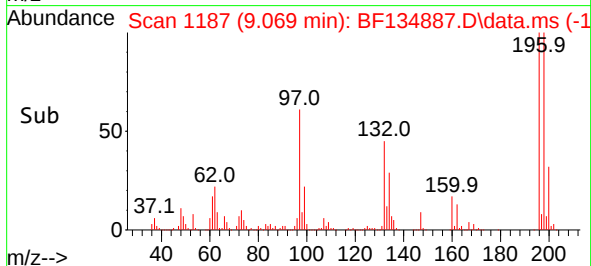
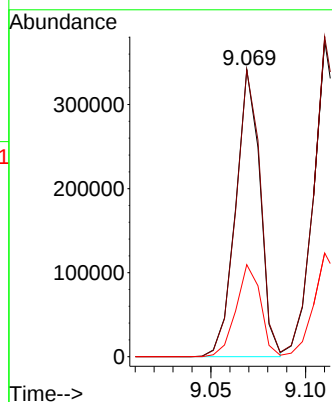
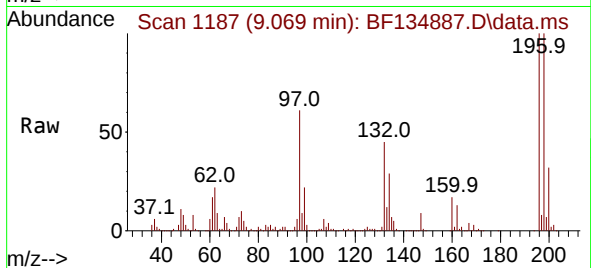
SSTDICC050

Tgt Ion:196 Resp: 30516  
Ion Ratio Lower Upper  
196 100  
198 99.9 79.8 119.6  
200 32.0 25.8 38.6

Manual Integrations

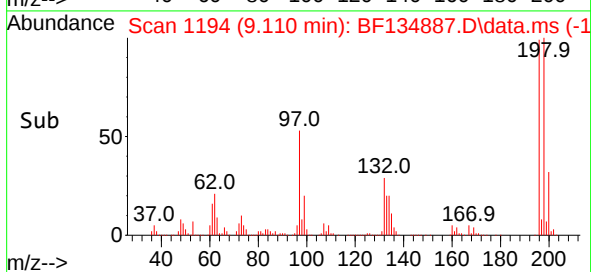
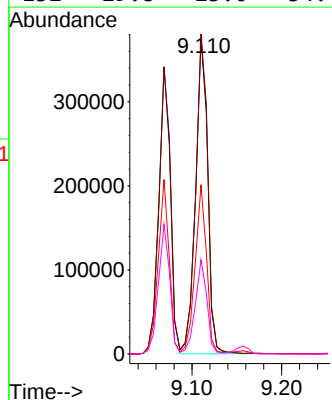
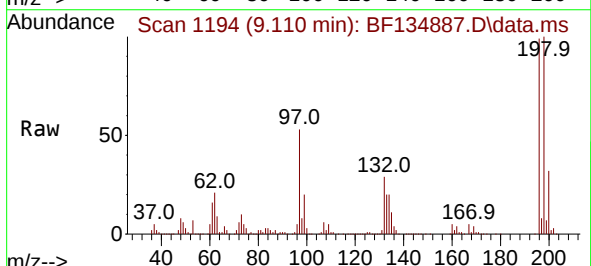
APPROVED

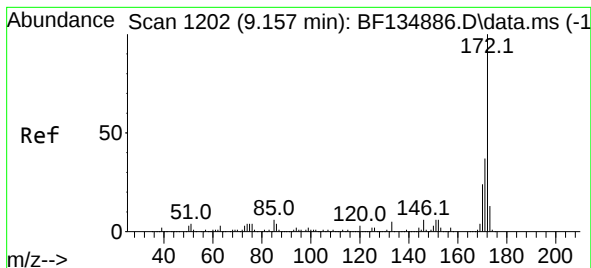
Reviewed By :Yogesh Patel 08/23/2023  
Supervised By :mohammad ahmed 08/23/2023



#44  
2,4,5-Trichlorophenol  
Concen: 46.919 ng  
RT: 9.110 min Scan# 1194  
Delta R.T. 0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

Tgt Ion:196 Resp: 352013  
Ion Ratio Lower Upper  
196 100  
198 101.2 81.8 122.6  
97 53.5 41.3 61.9  
132 29.8 23.0 34.4





#45

2-Fluorobiphenyl

Concen: 88.163 ng

RT: 9.157 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BF134887.D

Acq: 22 Aug 2023 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

Tgt Ion:172 Resp: 183595

Ion Ratio Lower Upper

172 100

171 36.7 29.4 44.0

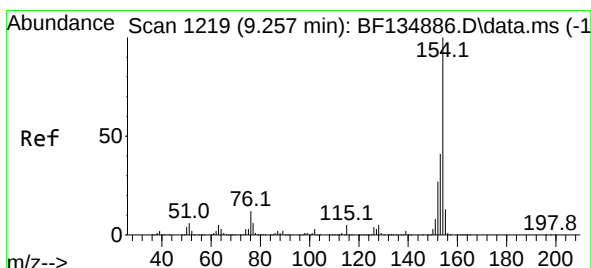
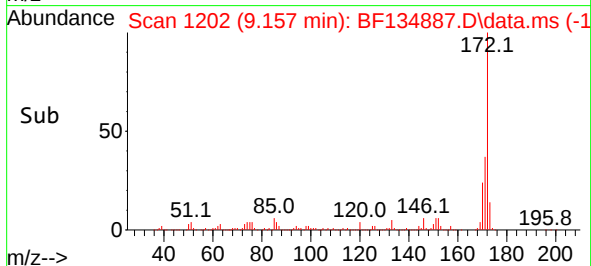
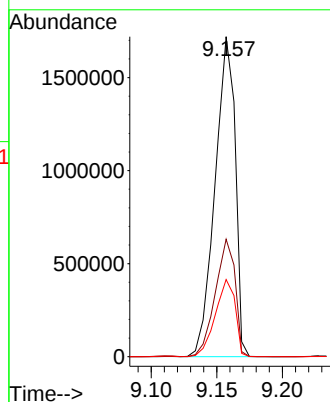
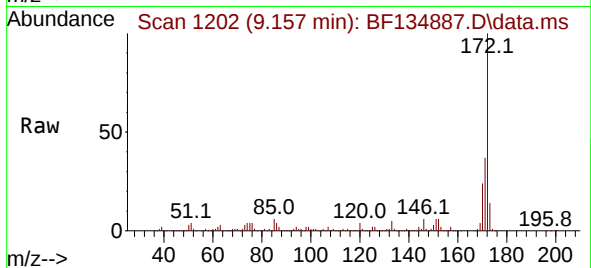
170 24.1 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2023

Supervised By :mohammad ahmed 08/23/2023



#46

1,1'-Biphenyl

Concen: 45.753 ng

RT: 9.257 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF134887.D

Acq: 22 Aug 2023 15:42

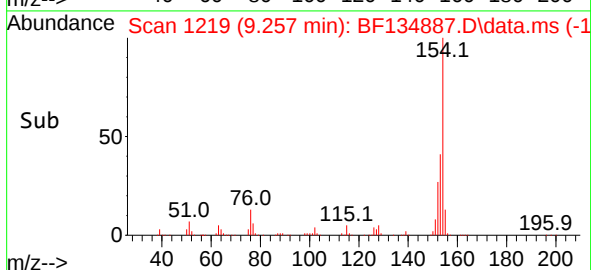
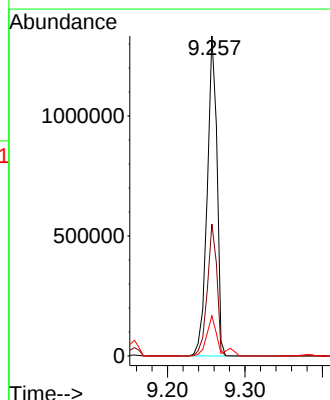
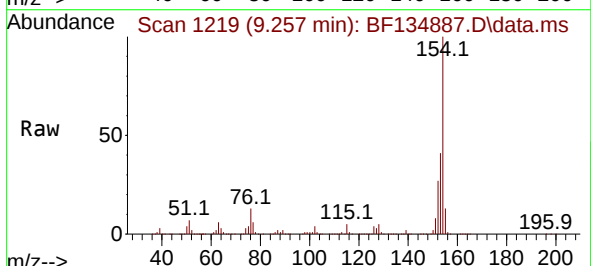
Tgt Ion:154 Resp: 1163143

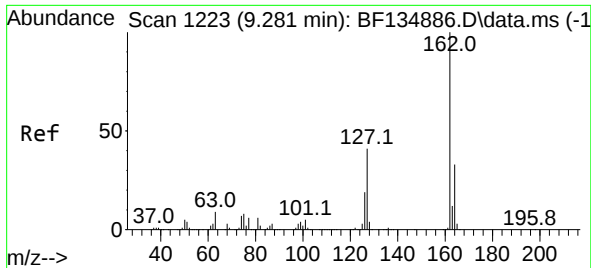
Ion Ratio Lower Upper

154 100

153 41.3 21.3 61.3

76 12.5 0.0 31.8





#47

2-Chloronaphthalene

Concen: 46.327 ng

RT: 9.281 min Scan# 1223

Delta R.T. -0.000 min

Lab File: BF134887.D

Acq: 22 Aug 2023 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 879530

Ion Ratio Lower Upper

162 100

127 42.2 33.4 50.0

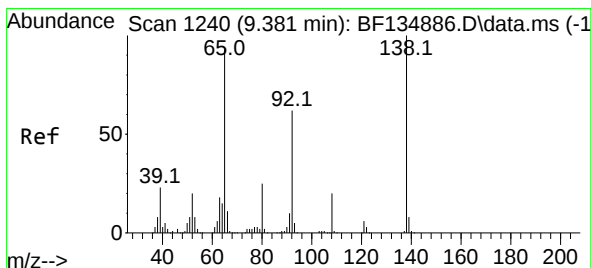
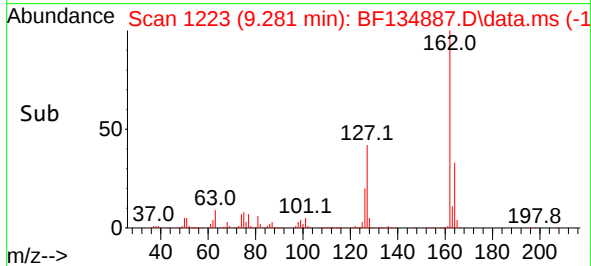
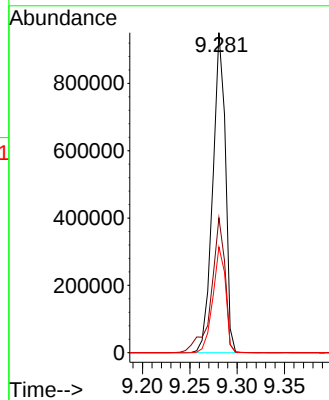
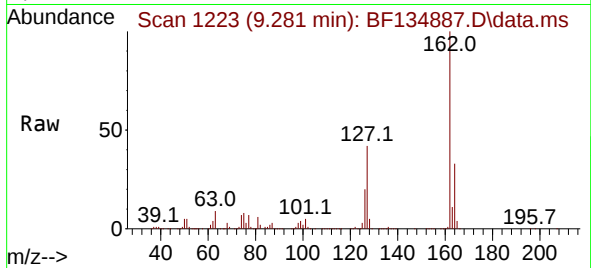
164 33.0 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2023

Supervised By :mohammad ahmed 08/23/2023



#48

2-Nitroaniline

Concen: 48.117 ng

RT: 9.381 min Scan# 1240

Delta R.T. 0.000 min

Lab File: BF134887.D

Acq: 22 Aug 2023 15:42

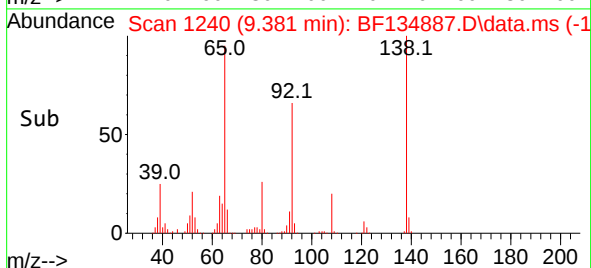
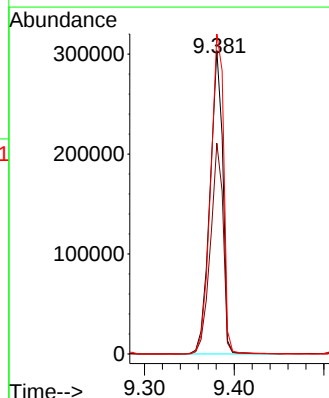
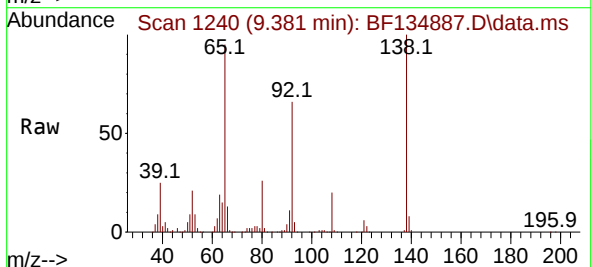
Tgt Ion: 65 Resp: 300294

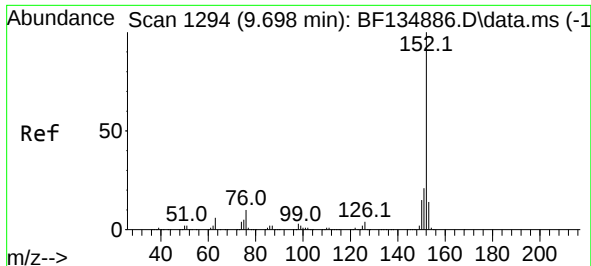
Ion Ratio Lower Upper

65 100

92 69.4 53.8 80.8

138 105.4 86.5 129.7





#49

Acenaphthylene

Concen: 45.959 ng

RT: 9.698 min Scan# 1294

Delta R.T. 0.000 min

Lab File: BF134887.D

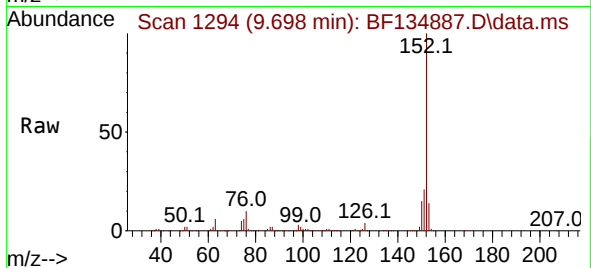
Acq: 22 Aug 2023 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050



Tgt Ion:152 Resp: 1343729

Ion Ratio Lower Upper

152 100

151 20.7 16.5 24.7

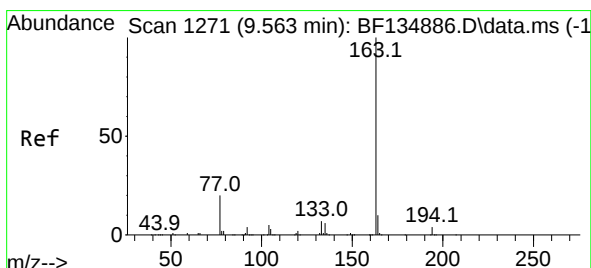
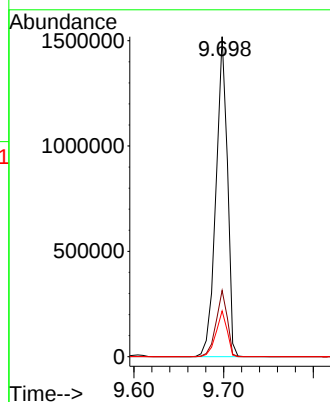
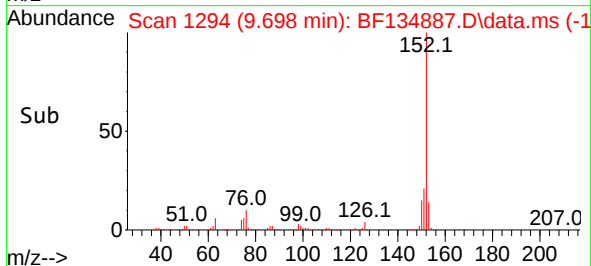
153 14.3 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2023

Supervised By :mohammad ahmed 08/23/2023



#50

Dimethylphthalate

Concen: 45.933 ng

RT: 9.569 min Scan# 1272

Delta R.T. 0.006 min

Lab File: BF134887.D

Acq: 22 Aug 2023 15:42

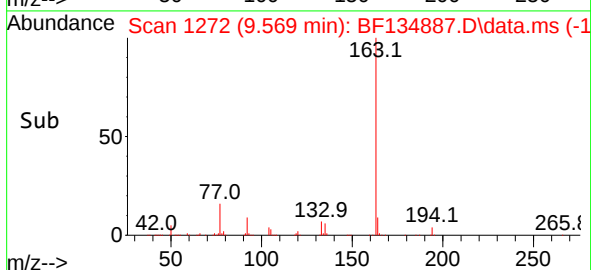
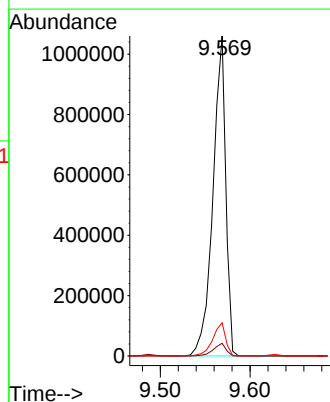
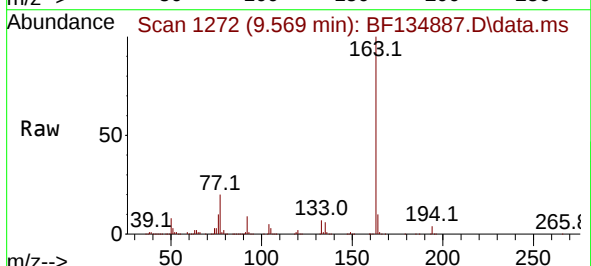
Tgt Ion:163 Resp: 1052850

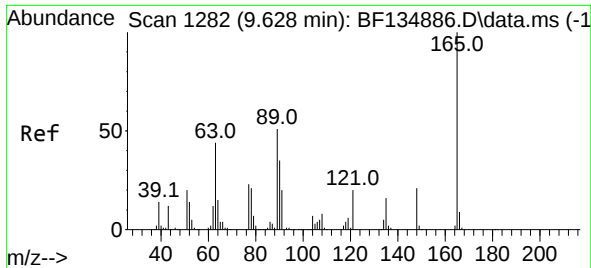
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

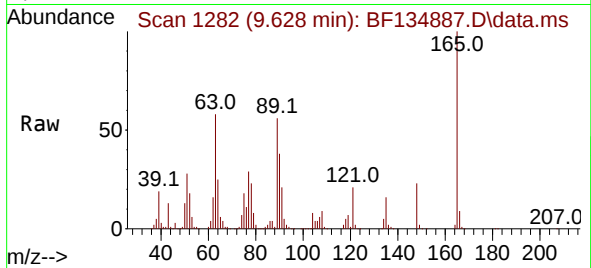
164 10.4 8.2 12.4





#51  
2,6-Dinitrotoluene  
Concen: 47.736 ng  
RT: 9.628 min Scan# 1282  
Delta R.T. 0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

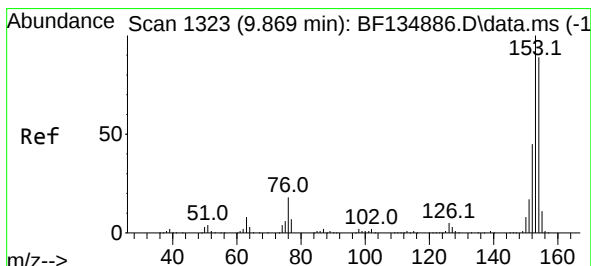
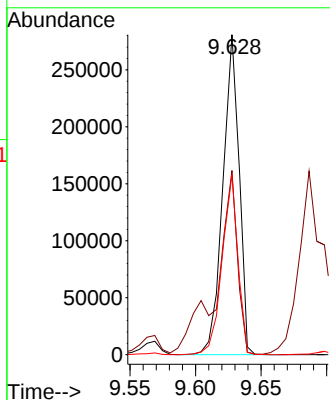
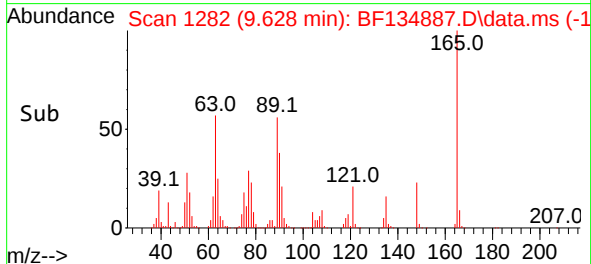
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050



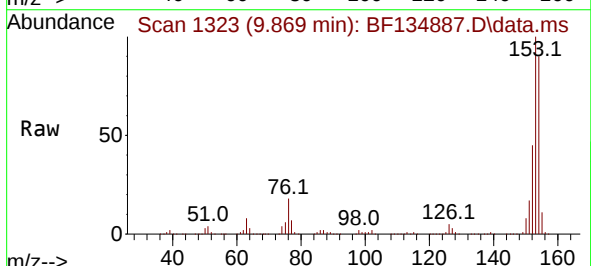
Tgt Ion:165 Resp: 241329  
Ion Ratio Lower Upper  
165 100  
63 57.5 41.4 62.2  
89 56.3 40.9 61.3

Manual Integrations  
APPROVED

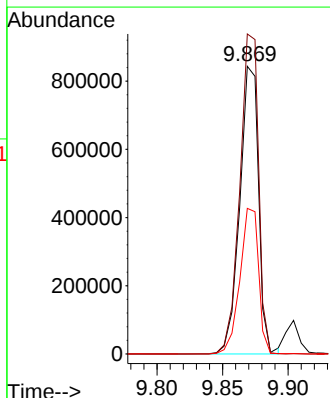
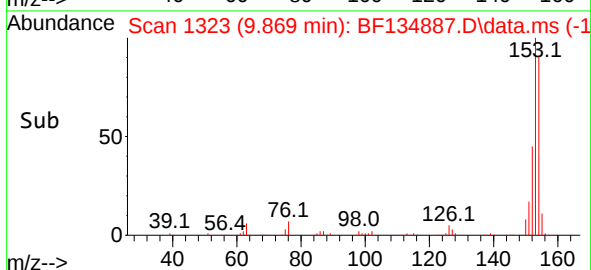
Reviewed By :Yogesh Patel 08/23/2023  
Supervised By :mohammad ahmed 08/23/2023

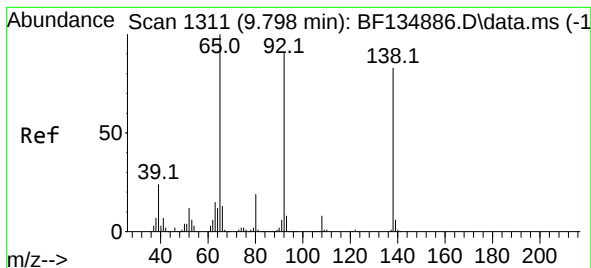


#52  
Acenaphthene  
Concen: 45.866 ng  
RT: 9.869 min Scan# 1323  
Delta R.T. 0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42



Tgt Ion:154 Resp: 844803  
Ion Ratio Lower Upper  
154 100  
153 111.2 89.6 134.4  
152 50.6 40.5 60.7





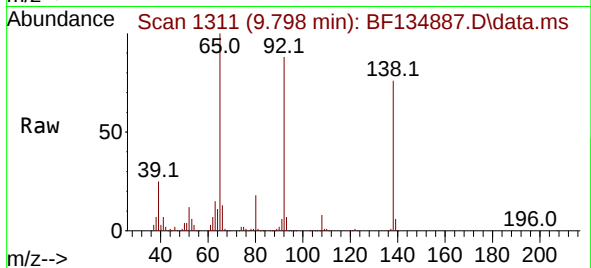
#53  
3-Nitroaniline  
Concen: 47.240 ng  
RT: 9.798 min Scan# 1311  
Delta R.T. 0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

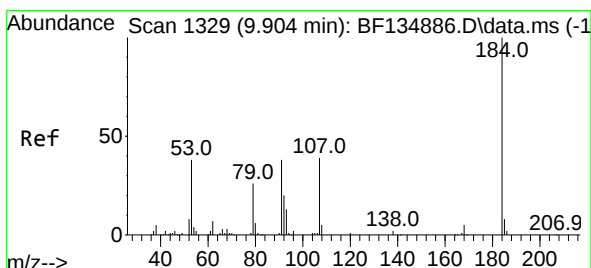
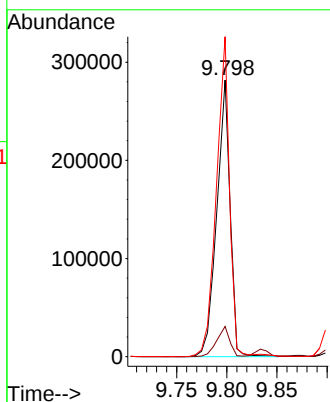
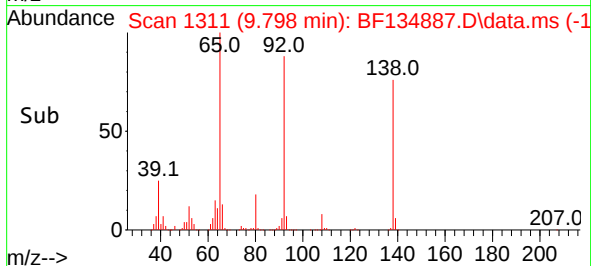


Tgt Ion:138 Resp: 260840  
Ion Ratio Lower Upper  
138 100  
108 10.9 8.0 12.0  
92 115.7 87.6 131.4

Manual Integrations

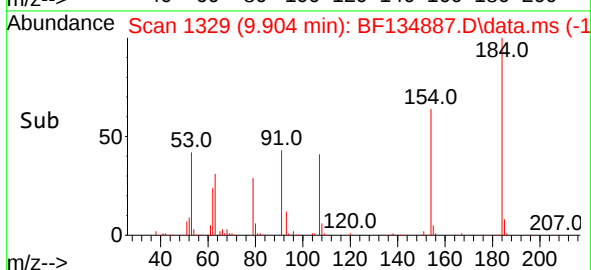
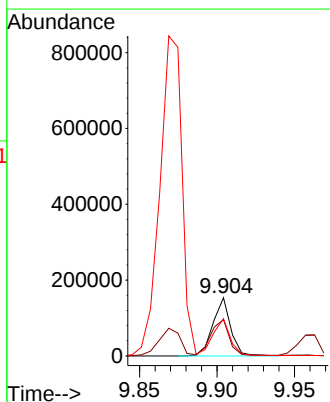
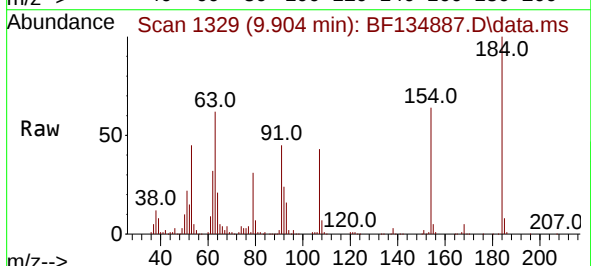
APPROVED

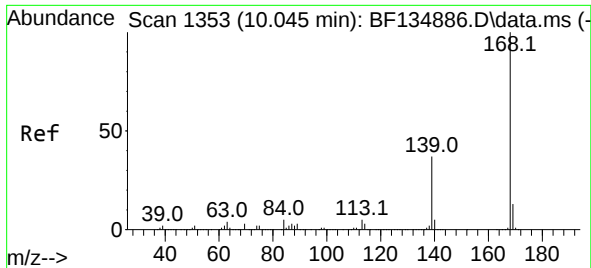
Reviewed By :Yogesh Patel 08/23/2023  
Supervised By :mohammad ahmed 08/23/2023



#54  
2,4-Dinitrophenol  
Concen: 47.396 ng  
RT: 9.904 min Scan# 1329  
Delta R.T. 0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

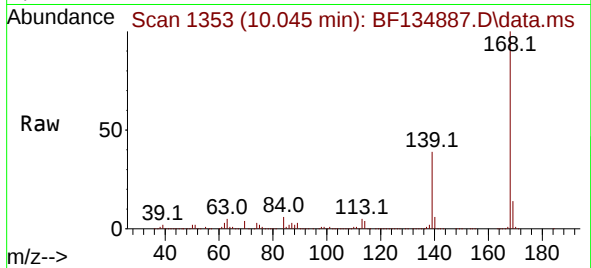
Tgt Ion:184 Resp: 122776  
Ion Ratio Lower Upper  
184 100  
63 62.3 42.8 64.2  
154 64.1 48.0 72.0





#55  
Dibenzofuran  
Concen: 45.001 ng  
RT: 10.045 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

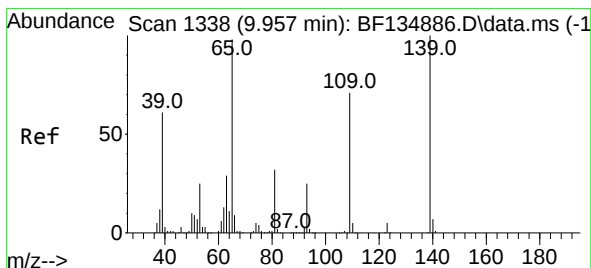
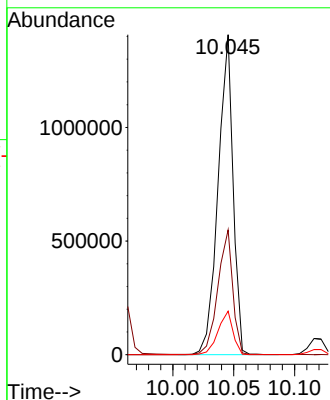
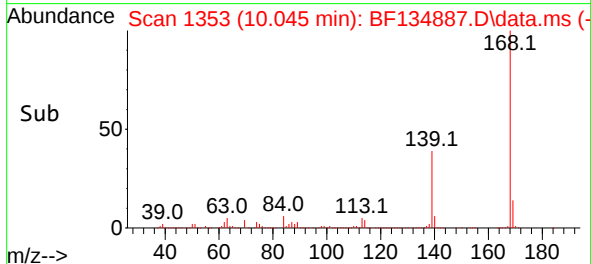
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050



Tgt Ion:168 Resp: 1206772  
Ion Ratio Lower Upper  
168 100  
139 39.0 29.5 44.3  
169 13.6 10.7 16.1

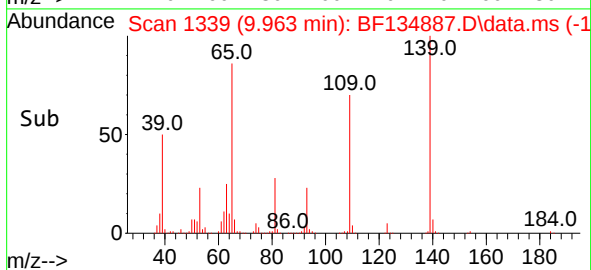
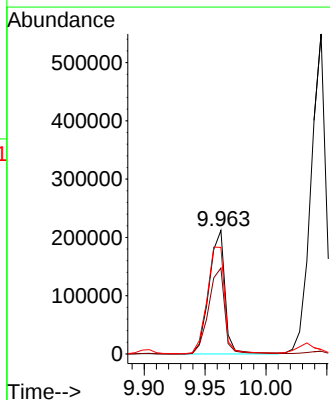
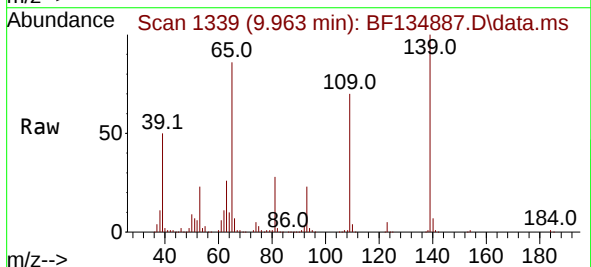
Manual Integrations  
APPROVED

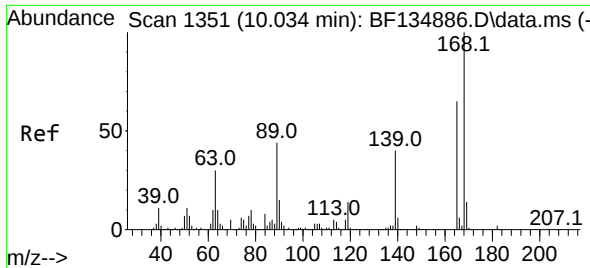
Reviewed By :Yogesh Patel 08/23/2023  
Supervised By :mohammad ahmed 08/23/2023



#56  
4-Nitrophenol  
Concen: 49.899 ng  
RT: 9.963 min Scan# 1339  
Delta R.T. 0.006 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

Tgt Ion:139 Resp: 192012  
Ion Ratio Lower Upper  
139 100  
109 69.6 51.0 91.0  
65 86.3 78.5 118.5





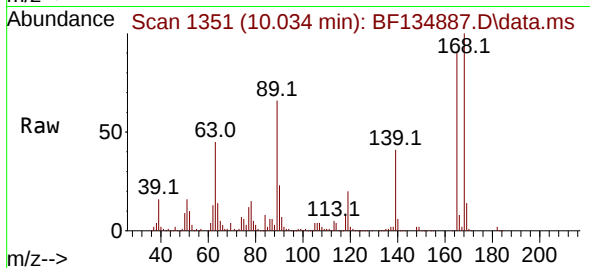
#57  
2,4-Dinitrotoluene  
Concen: 47.273 ng  
RT: 10.034 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

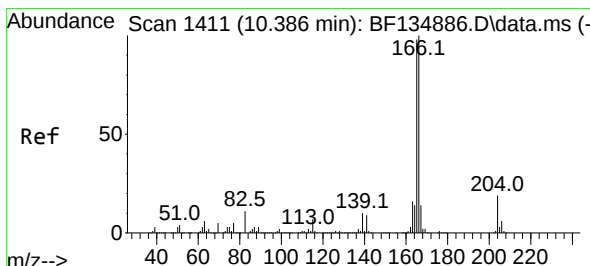
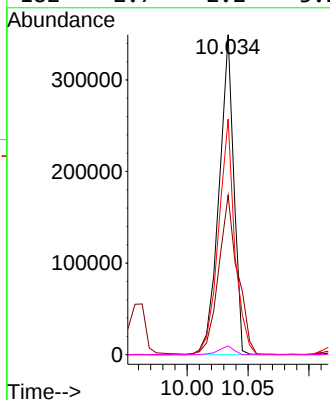
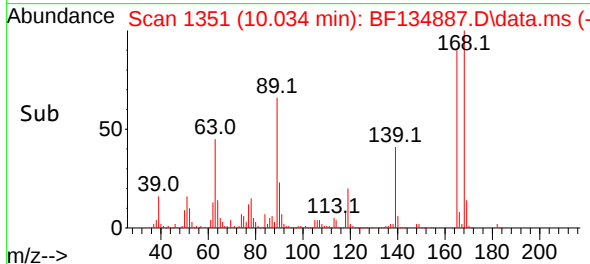


Tgt Ion:165 Resp: 295554  
Ion Ratio Lower Upper  
165 100  
63 49.8 37.7 56.5  
89 73.6 54.2 81.4  
182 2.7 2.2 3.2

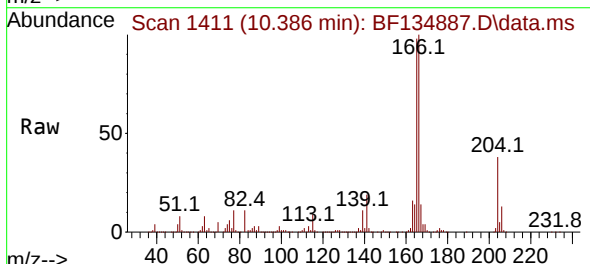
Manual Integrations

APPROVED

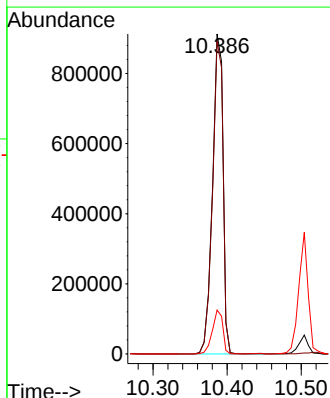
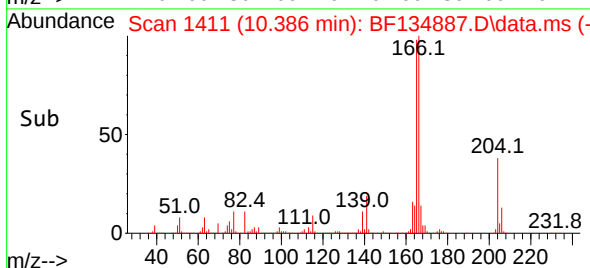
Reviewed By :Yogesh Patel 08/23/2023  
Supervised By :mohammad ahmed 08/23/2023

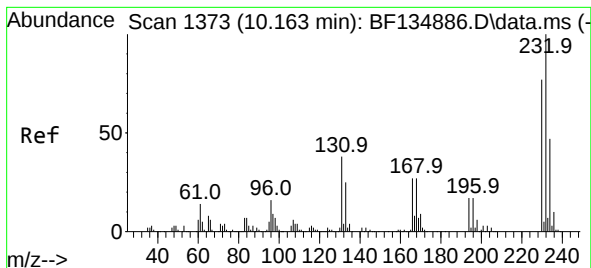


#58  
Fluorene  
Concen: 42.783 ng  
RT: 10.386 min Scan# 1411  
Delta R.T. 0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42



Tgt Ion:166 Resp: 898423  
Ion Ratio Lower Upper  
166 100  
165 97.7 78.5 117.7  
167 13.7 11.0 16.6





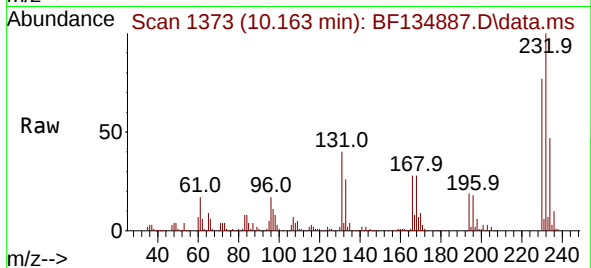
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 46.859 ng  
RT: 10.163 min Scan# 1373  
Delta R.T. 0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

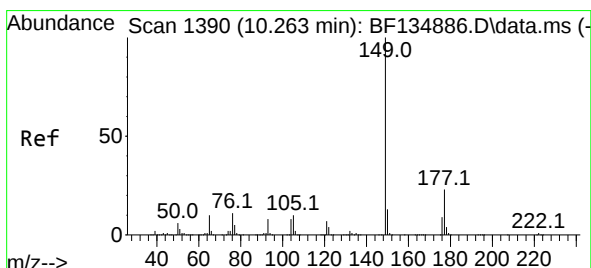
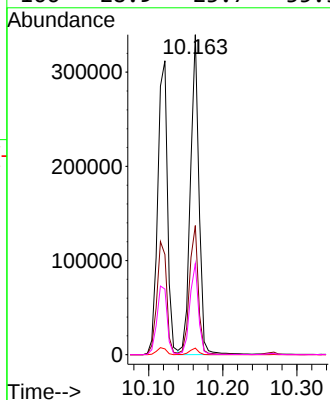
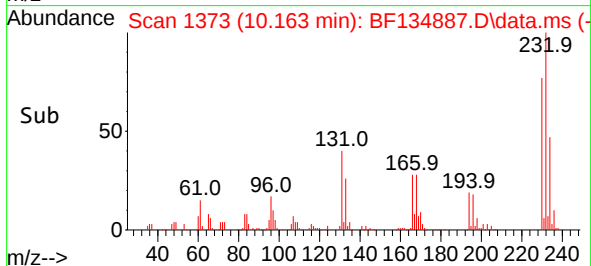


Tgt Ion:232 Resp: 273901  
Ion Ratio Lower Upper  
232 100  
131 41.2 33.9 50.9  
130 2.1 1.6 2.4  
166 28.9 23.7 35.5

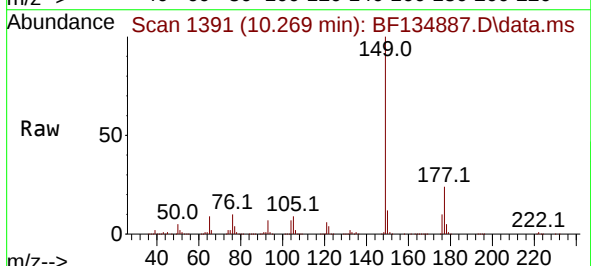
Manual Integrations

APPROVED

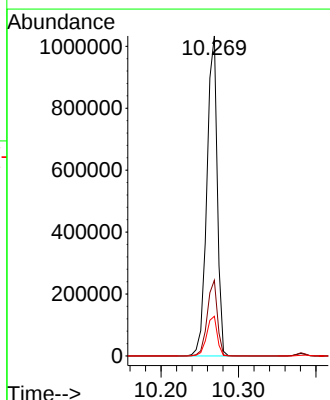
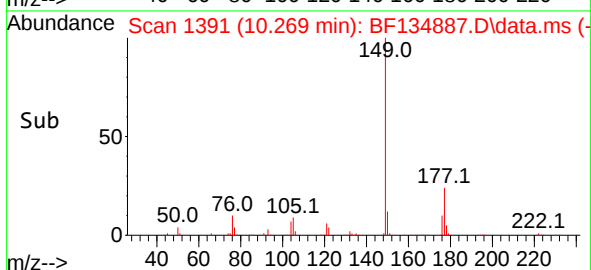
Reviewed By :Yogesh Patel 08/23/2023  
Supervised By :mohammad ahmed 08/23/2023

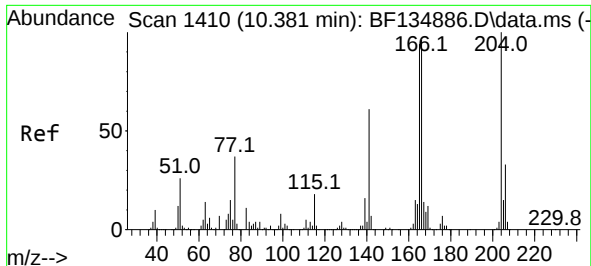


#60  
Diethylphthalate  
Concen: 45.616 ng  
RT: 10.269 min Scan# 1391  
Delta R.T. 0.006 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42



Tgt Ion:149 Resp: 957951  
Ion Ratio Lower Upper  
149 100  
177 23.7 18.4 27.6  
150 12.4 10.3 15.5





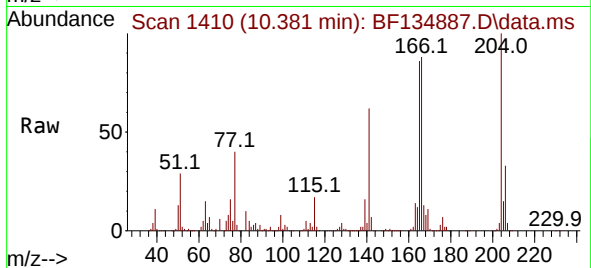
#61  
4-Chlorophenyl-phenylether  
Concen: 42.773 ng  
RT: 10.381 min Scan# 1410  
Delta R.T. -0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

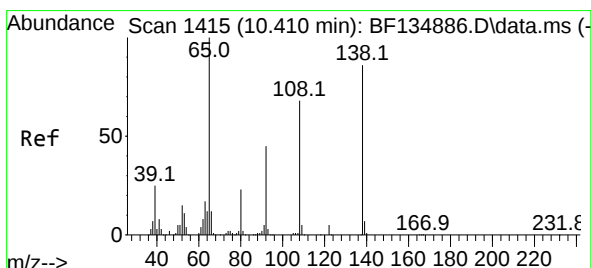
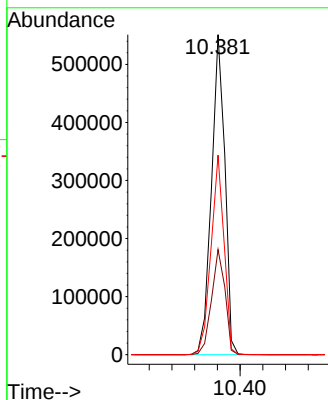
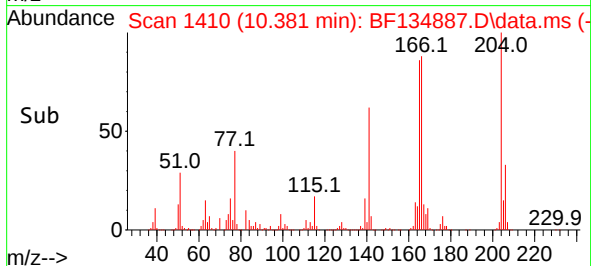


Tgt Ion:204 Resp: 450385  
Ion Ratio Lower Upper  
204 100  
206 32.9 26.3 39.5  
141 62.4 48.6 73.0

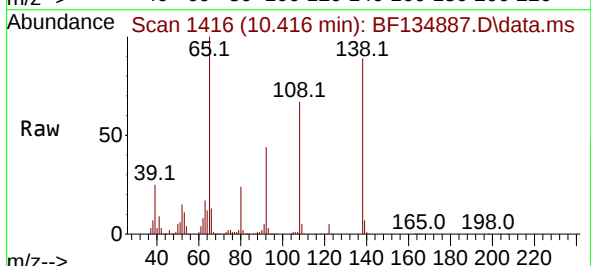
Manual Integrations

APPROVED

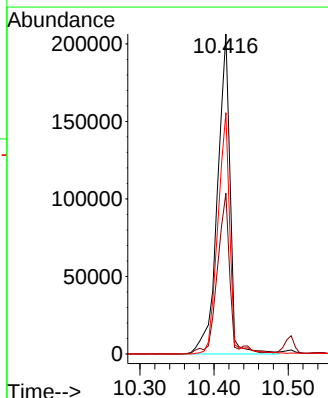
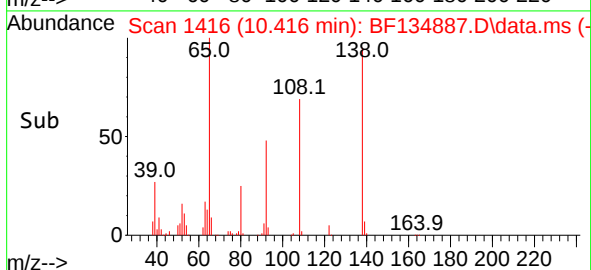
Reviewed By :Yogesh Patel 08/23/2023  
Supervised By :mohammad ahmed 08/23/2023

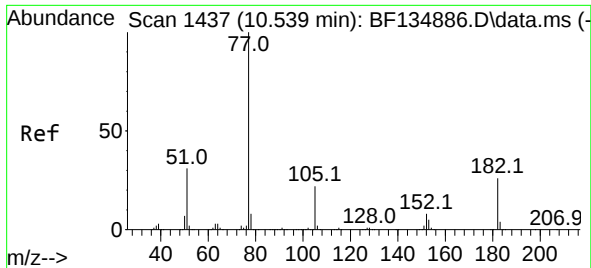


#62  
4-Nitroaniline  
Concen: 47.538 ng  
RT: 10.416 min Scan# 1416  
Delta R.T. 0.006 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42



Tgt Ion:138 Resp: 245383  
Ion Ratio Lower Upper  
138 100  
92 50.2 32.5 72.5  
108 75.4 58.6 98.6





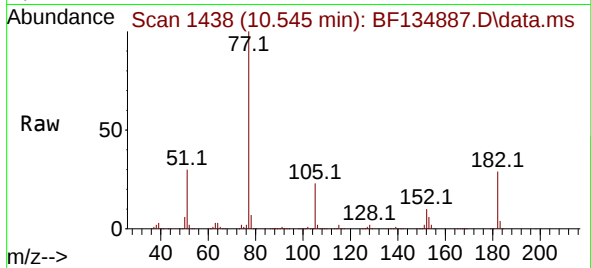
#63  
Azobenzene  
Concen: 46.146 ng  
RT: 10.545 min Scan# 1438  
Delta R.T. 0.006 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

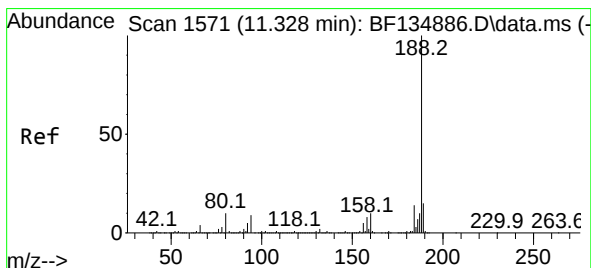
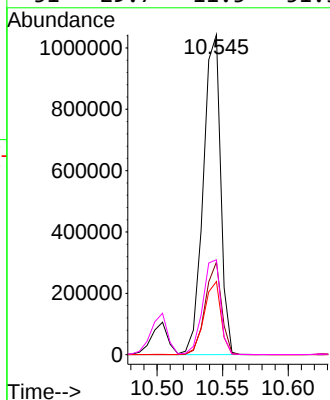
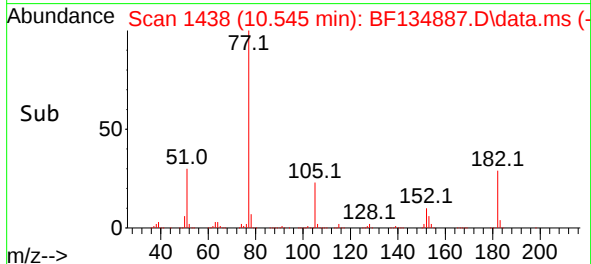


Tgt Ion: 77 Resp: 962700  
Ion Ratio Lower Upper  
77 100  
182 28.9 5.8 45.8  
105 22.8 1.6 41.6  
51 29.7 11.5 51.5

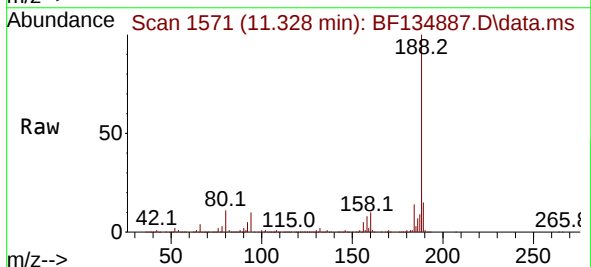
Manual Integrations

APPROVED

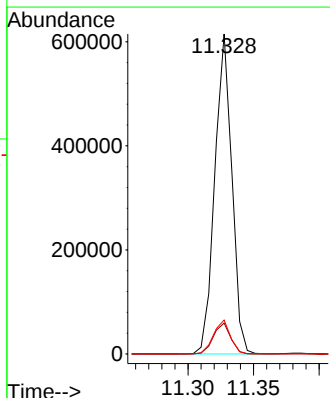
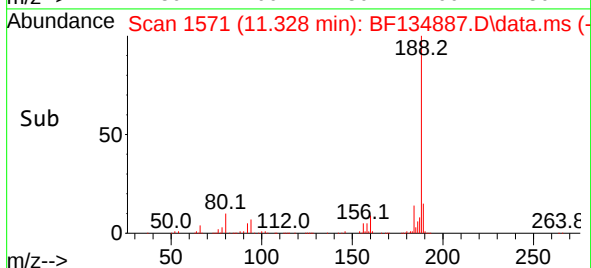
Reviewed By :Yogesh Patel 08/23/2023  
Supervised By :mohammad ahmed 08/23/2023

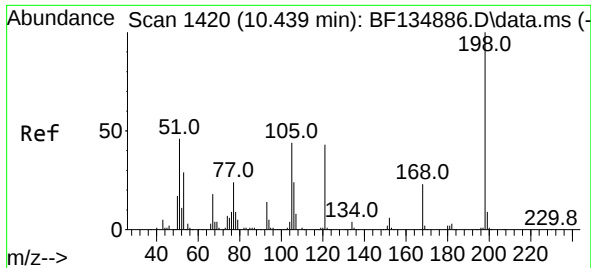


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.328 min Scan# 1571  
Delta R.T. 0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42



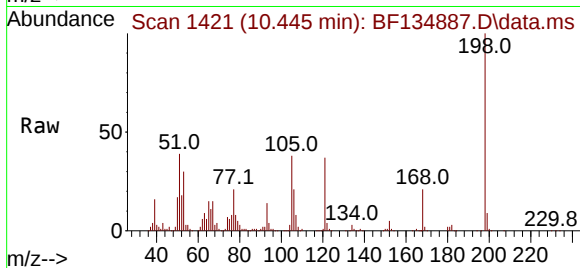
Tgt Ion:188 Resp: 555919  
Ion Ratio Lower Upper  
188 100  
94 9.6 7.5 11.3  
80 10.6 7.8 11.6





#65  
4,6-Dinitro-2-methylphenol  
Concen: 53.520 ng  
RT: 10.445 min Scan# 1420  
Delta R.T. 0.006 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

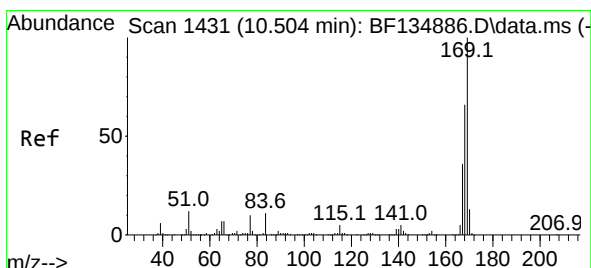
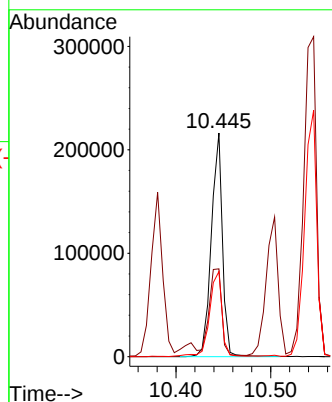
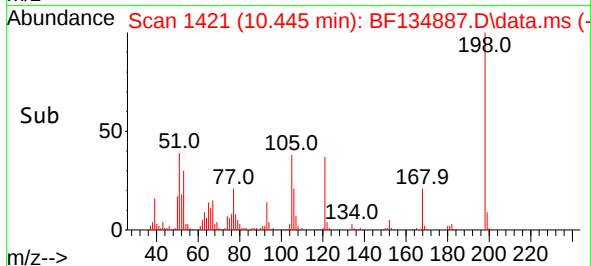
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050



Tgt Ion:198 Resp: 17555  
Ion Ratio Lower Upper  
198 100  
51 39.3 30.3 70.3  
105 38.1 24.5 64.5

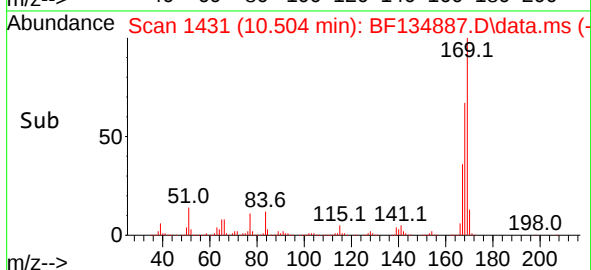
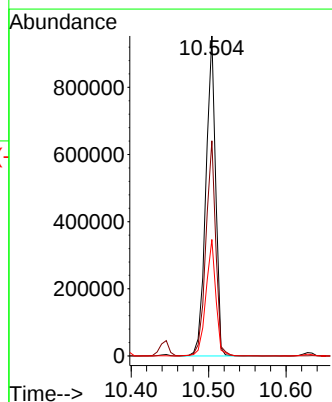
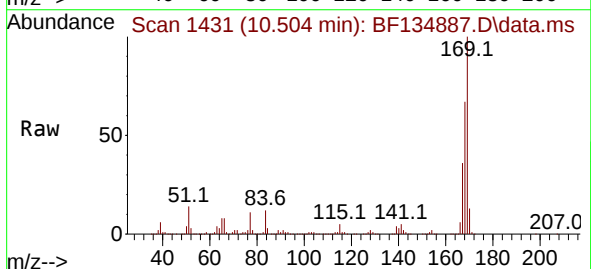
Manual Integrations  
APPROVED

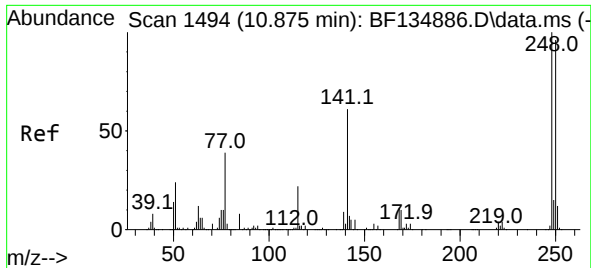
Reviewed By :Yogesh Patel 08/23/2023  
Supervised By :mohammad ahmed 08/23/2023



#66  
n-Nitrosodiphenylamine  
Concen: 46.561 ng  
RT: 10.504 min Scan# 1431  
Delta R.T. 0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

Tgt Ion:169 Resp: 833548  
Ion Ratio Lower Upper  
169 100  
168 67.2 53.0 79.6  
167 36.4 29.0 43.6





#67  
4-Bromophenyl-phenylether  
Concen: 47.548 ng  
RT: 10.875 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

Instrument :

BNA\_F

ClientSampleId :

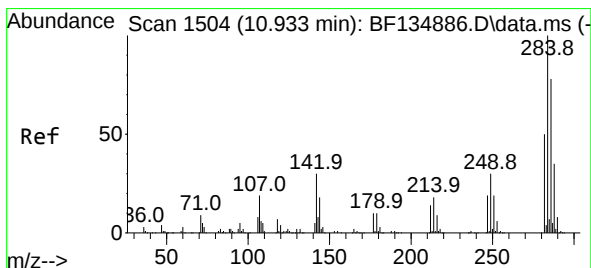
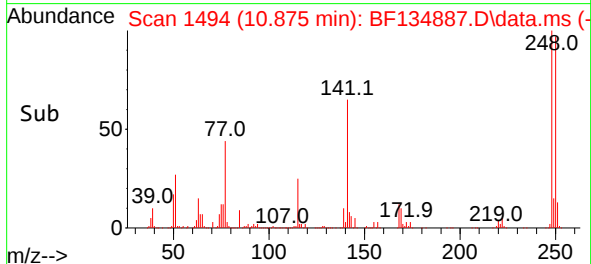
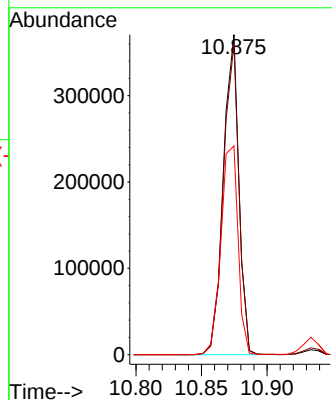
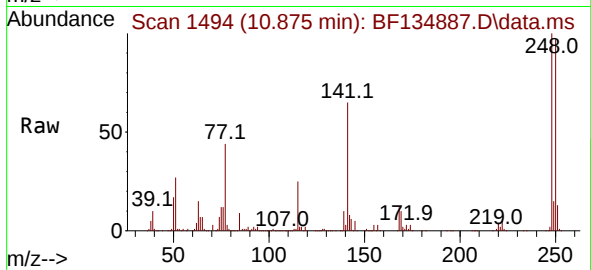
SSTDICC050

Tgt Ion:248 Resp: 304958  
Ion Ratio Lower Upper  
248 100  
250 97.0 77.1 115.7  
141 65.2 49.0 73.4

Manual Integrations

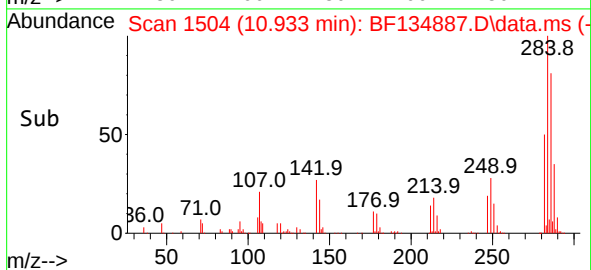
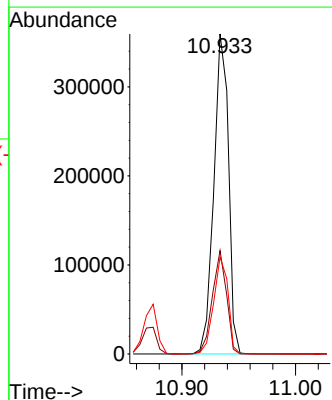
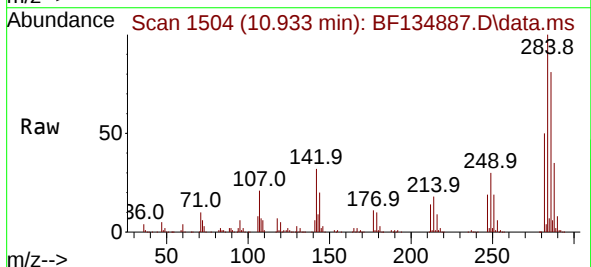
APPROVED

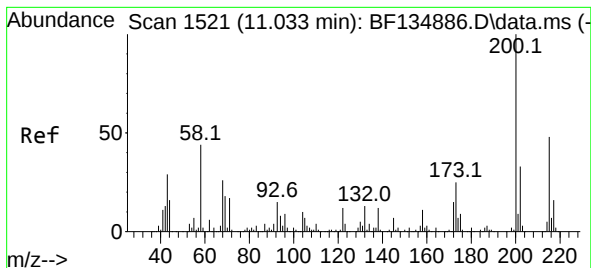
Reviewed By :Yogesh Patel 08/23/2023  
Supervised By :mohammad ahmed 08/23/2023



#68  
Hexachlorobenzene  
Concen: 47.126 ng  
RT: 10.933 min Scan# 1504  
Delta R.T. 0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

Tgt Ion:284 Resp: 321450  
Ion Ratio Lower Upper  
284 100  
142 32.3 23.9 35.9  
249 30.3 24.1 36.1





#69

Atrazine

Concen: 50.019 ng

RT: 11.033 min Scan# 1521

Delta R.T. 0.000 min

Lab File: BF134887.D

Acq: 22 Aug 2023 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

Tgt Ion:200 Resp: 187938

Ion Ratio Lower Upper

200 100

173 25.6 5.3 45.3

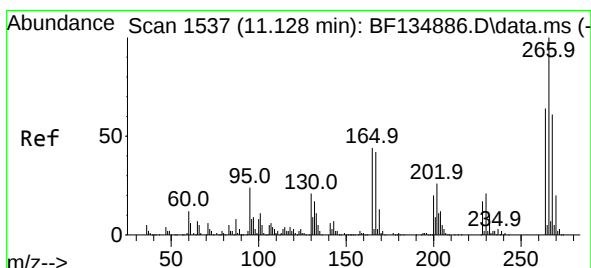
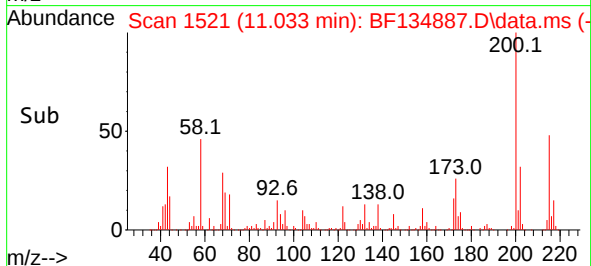
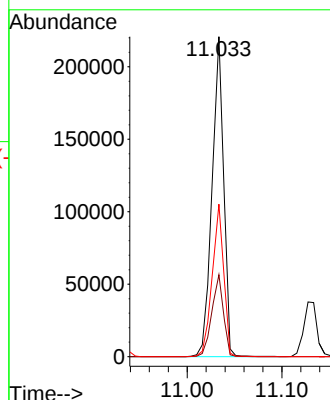
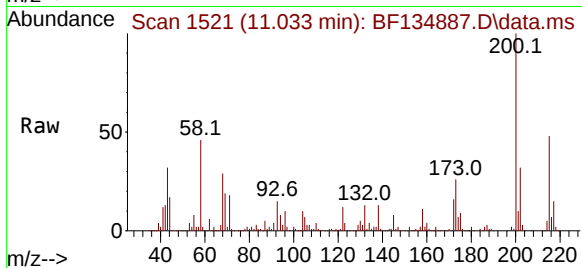
215 47.7 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2023

Supervised By :mohammad ahmed 08/23/2023



#70

Pentachlorophenol

Concen: 49.000 ng

RT: 11.133 min Scan# 1538

Delta R.T. 0.005 min

Lab File: BF134887.D

Acq: 22 Aug 2023 15:42

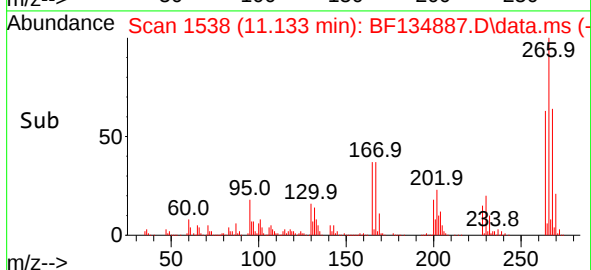
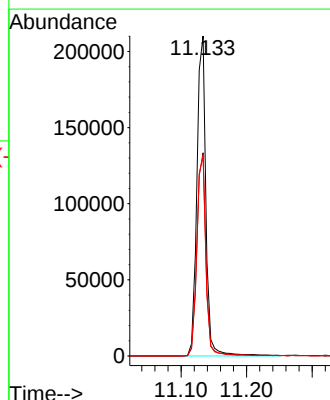
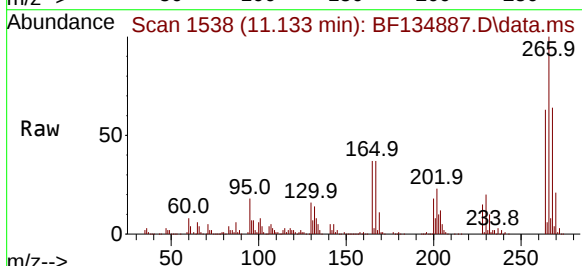
Tgt Ion:266 Resp: 201147

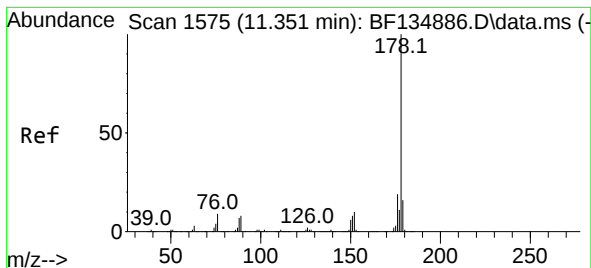
Ion Ratio Lower Upper

266 100

268 63.5 48.9 73.3

264 62.5 51.0 76.6





#71

Phenanthrene

Concen: 45.976 ng

RT: 11.357 min Scan# 1575

Delta R.T. 0.006 min

Lab File: BF134887.D

Acq: 22 Aug 2023 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

Tgt Ion:178 Resp: 133934

Ion Ratio Lower Upper

178 100

176 19.8 15.5 23.3

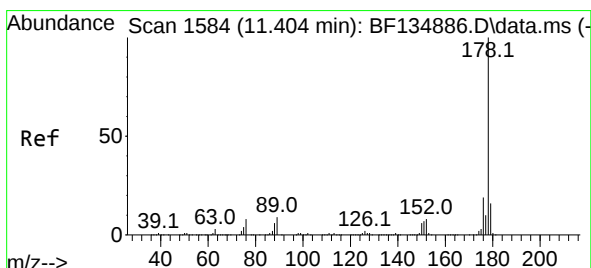
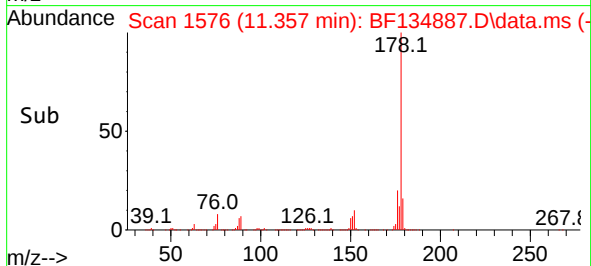
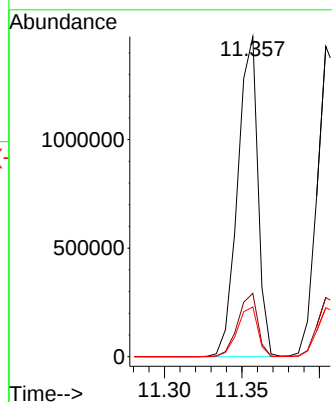
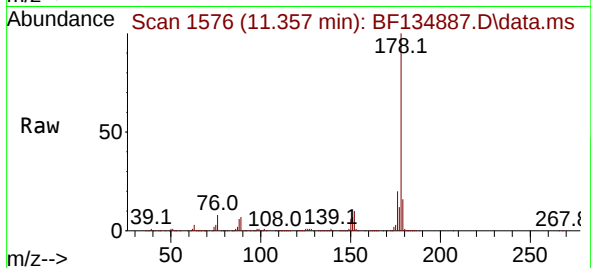
179 15.6 12.6 19.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2023

Supervised By :mohammad ahmed 08/23/2023



#72

Anthracene

Concen: 45.707 ng

RT: 11.404 min Scan# 1584

Delta R.T. 0.000 min

Lab File: BF134887.D

Acq: 22 Aug 2023 15:42

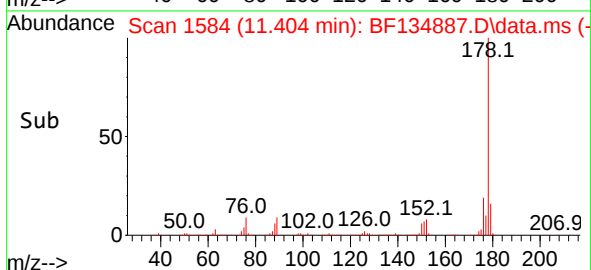
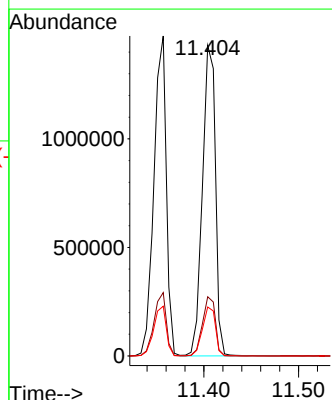
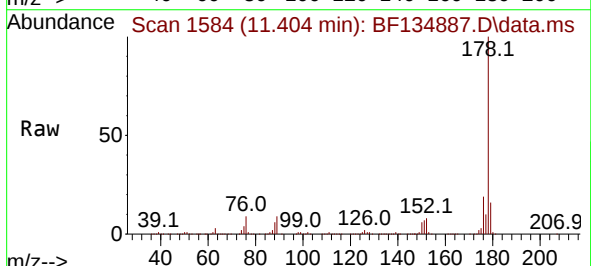
Tgt Ion:178 Resp: 1364243

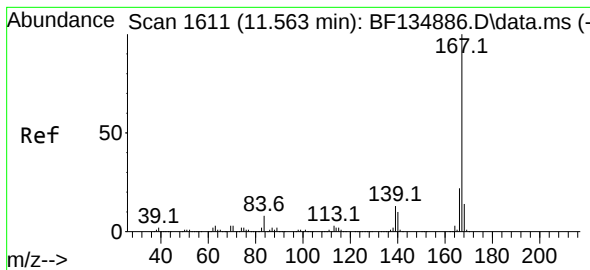
Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.6

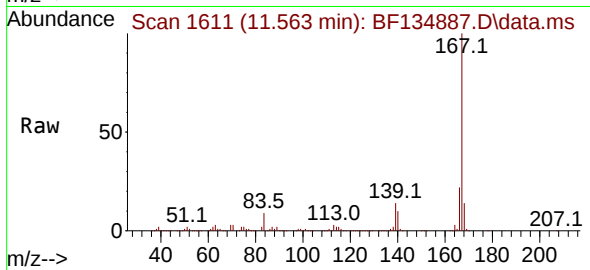
179 15.8 12.5 18.7





#73  
 Carbazole  
 Concen: 46.212 ng  
 RT: 11.563 min Scan# 1611  
 Delta R.T. 0.000 min  
 Lab File: BF134887.D  
 Acq: 22 Aug 2023 15:42

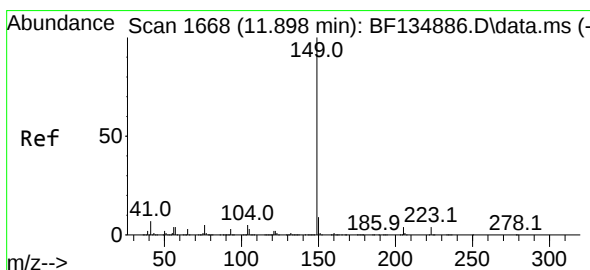
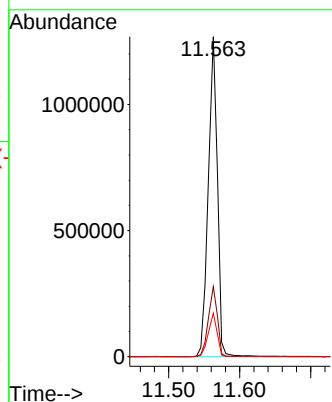
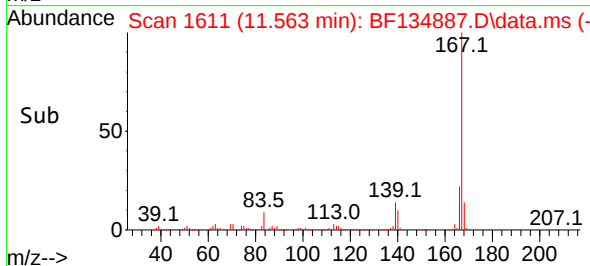
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050



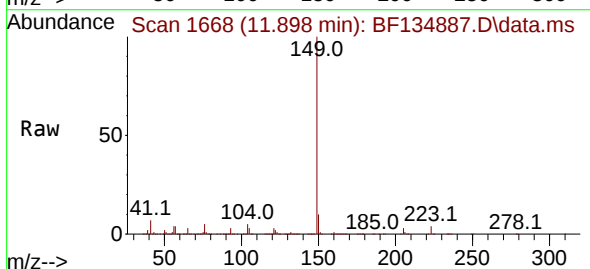
Tgt Ion:167 Resp: 1136580  
 Ion Ratio Lower Upper  
 167 100  
 166 21.9 17.4 26.2  
 139 13.5 10.4 15.6

Manual Integrations  
 APPROVED

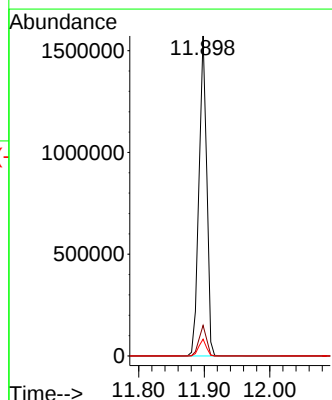
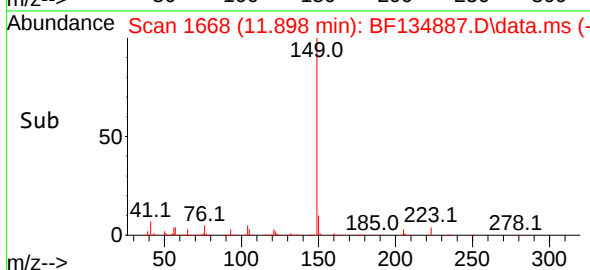
Reviewed By :Yogesh Patel 08/23/2023  
 Supervised By :mohammad ahmed 08/23/2023

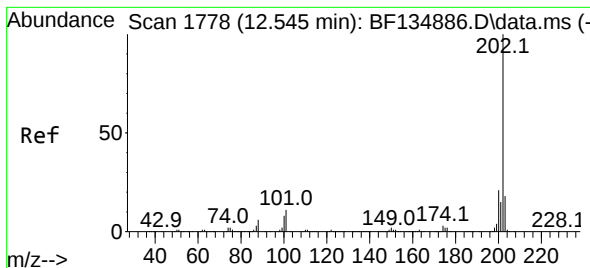


#74  
 Di-n-butylphthalate  
 Concen: 45.963 ng  
 RT: 11.898 min Scan# 1668  
 Delta R.T. 0.000 min  
 Lab File: BF134887.D  
 Acq: 22 Aug 2023 15:42



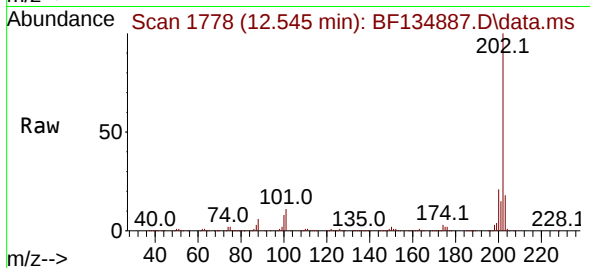
Tgt Ion:149 Resp: 1296541  
 Ion Ratio Lower Upper  
 149 100  
 150 9.5 7.4 11.2  
 104 5.2 4.1 6.1





#75  
Fluoranthene  
Concen: 45.210 ng  
RT: 12.545 min Scan# 1778  
Delta R.T. 0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

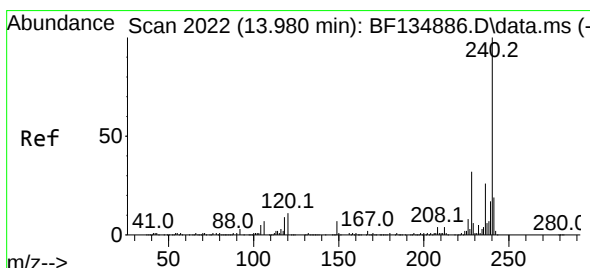
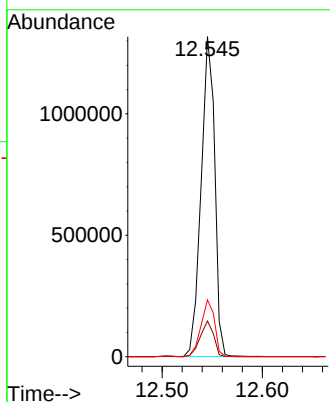
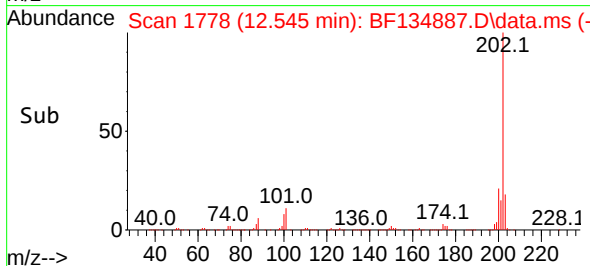
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050



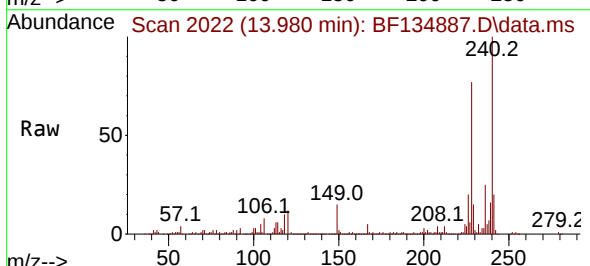
Tgt Ion:202 Resp: 124787  
Ion Ratio Lower Upper  
202 100  
101 11.1 0.0 30.5  
203 17.8 0.0 37.8

Manual Integrations  
APPROVED

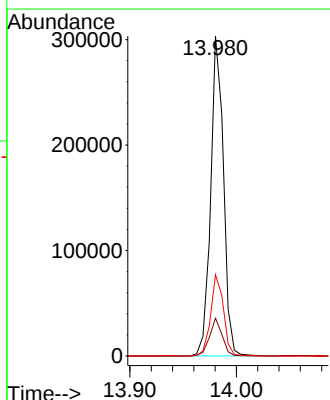
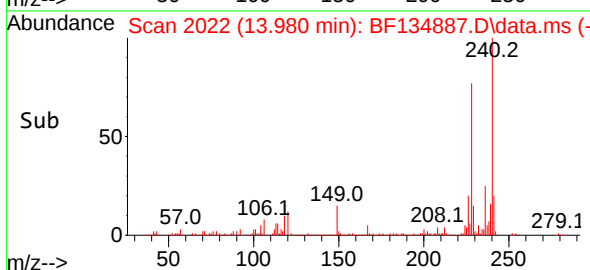
Reviewed By :Yogesh Patel 08/23/2023  
Supervised By :mohammad ahmed 08/23/2023

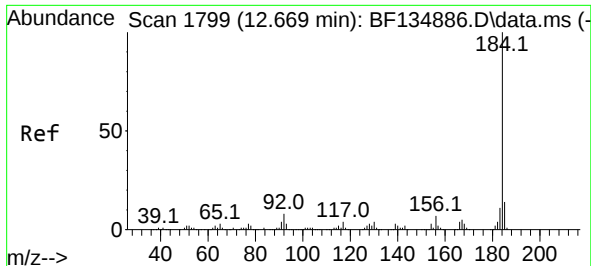


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.980 min Scan# 2022  
Delta R.T. 0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42



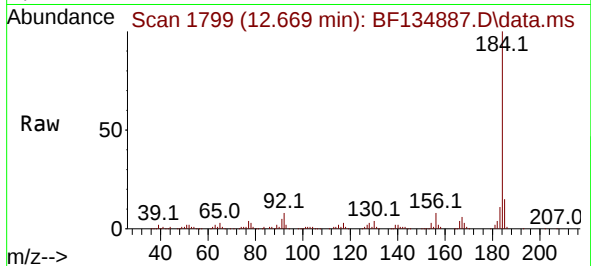
Tgt Ion:240 Resp: 253063  
Ion Ratio Lower Upper  
240 100  
120 11.8 8.6 12.8  
236 25.4 20.6 31.0





#77  
Benzidine  
Concen: 33.558 ng  
RT: 12.669 min Scan# 1799  
Delta R.T. -0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

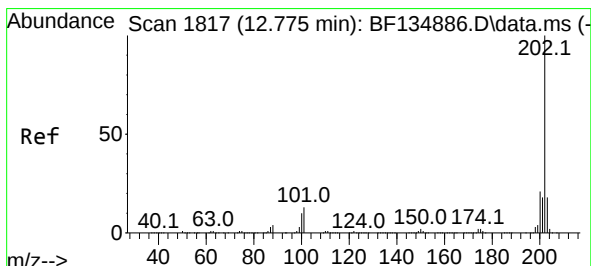
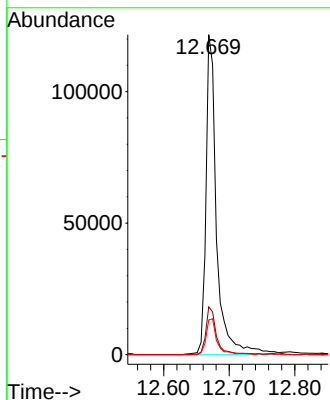
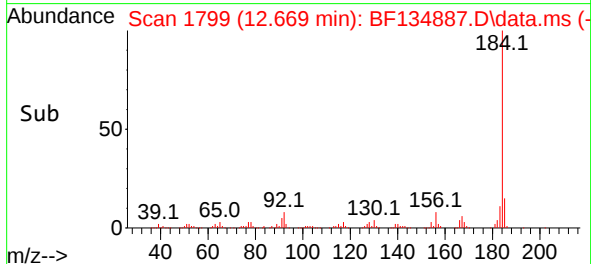
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050



Tgt Ion:184 Resp: 137788  
Ion Ratio Lower Upper  
184 100  
185 14.9 11.4 17.0  
183 10.9 9.0 13.4

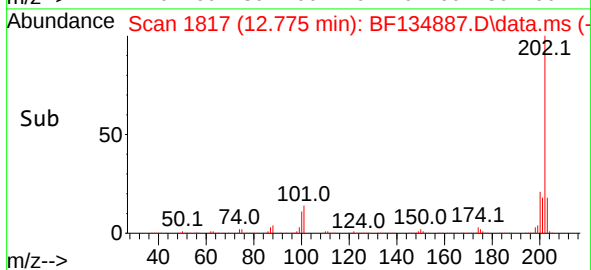
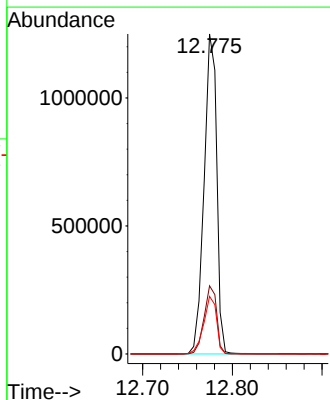
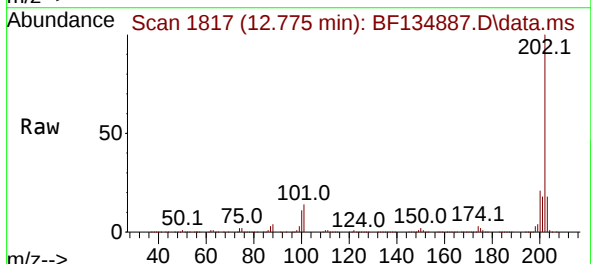
Manual Integrations  
APPROVED

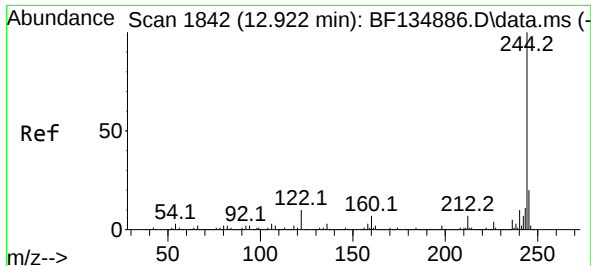
Reviewed By :Yogesh Patel 08/23/2023  
Supervised By :mohammad ahmed 08/23/2023



#78  
Pyrene  
Concen: 45.525 ng  
RT: 12.775 min Scan# 1817  
Delta R.T. 0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

Tgt Ion:202 Resp: 1221506  
Ion Ratio Lower Upper  
202 100  
200 21.3 17.1 25.7  
203 18.0 14.2 21.2





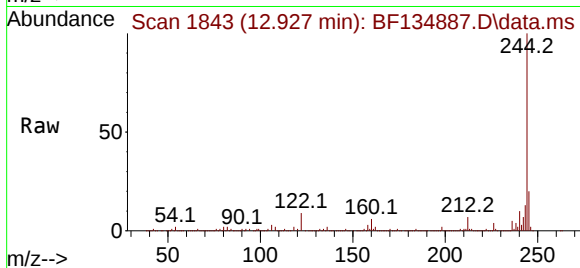
#79  
 Terphenyl-d14  
 Concen: 83.769 ng  
 RT: 12.927 min Scan# 1843  
 Delta R.T. 0.005 min  
 Lab File: BF134887.D  
 Acq: 22 Aug 2023 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

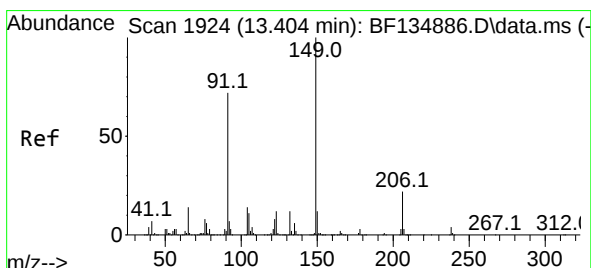
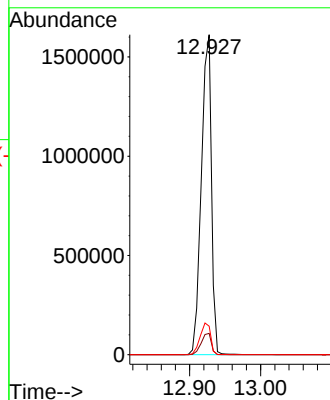
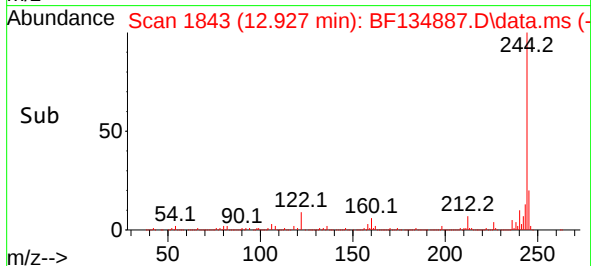


Tgt Ion:244 Resp: 1597979  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.4 8.0  
 122 8.9 8.2 12.4

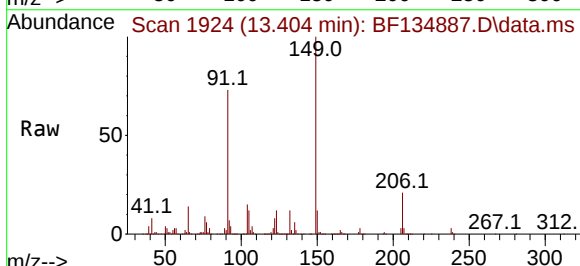
Manual Integrations

APPROVED

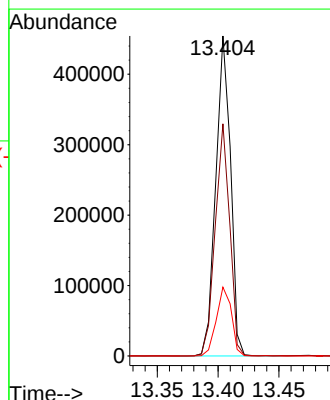
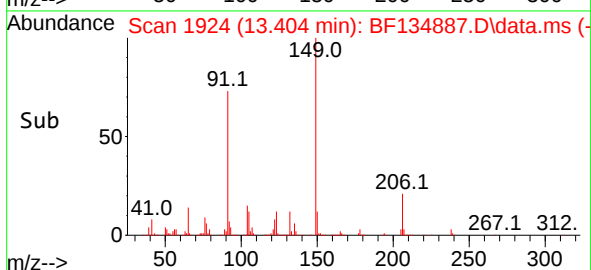
Reviewed By :Yogesh Patel 08/23/2023  
 Supervised By :mohammad ahmed 08/23/2023

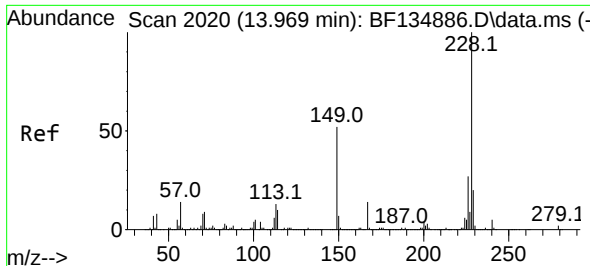


#80  
 Butylbenzylphthalate  
 Concen: 46.817 ng  
 RT: 13.404 min Scan# 1924  
 Delta R.T. -0.000 min  
 Lab File: BF134887.D  
 Acq: 22 Aug 2023 15:42



Tgt Ion:149 Resp: 382720  
 Ion Ratio Lower Upper  
 149 100  
 91 72.5 57.2 85.8  
 206 21.5 18.0 27.0





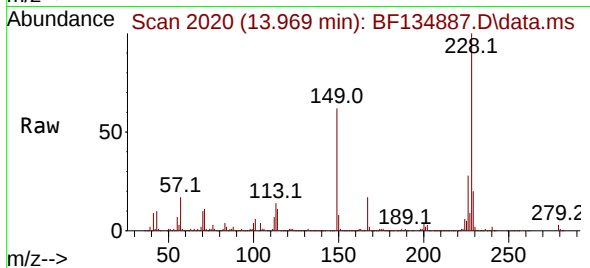
#81  
Benzo(a)anthracene  
Concen: 46.797 ng  
RT: 13.969 min Scan# 2015  
Delta R.T. 0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

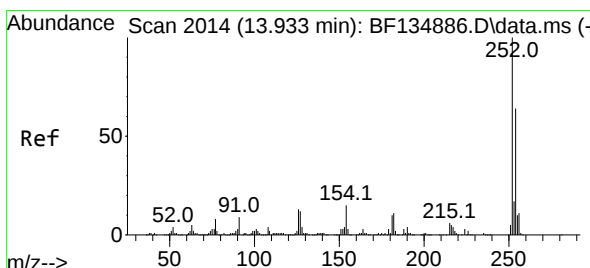
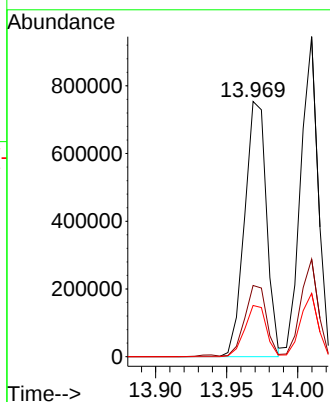
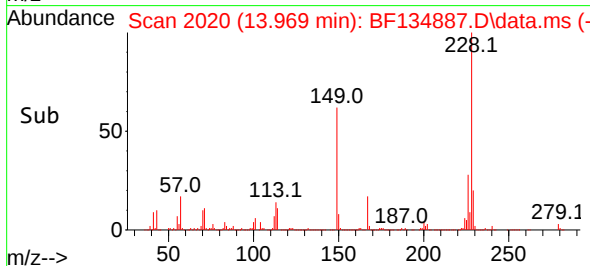


Tgt Ion:228 Resp: 807990  
Ion Ratio Lower Upper  
228 100  
226 27.9 21.8 32.6  
229 20.1 15.6 23.4

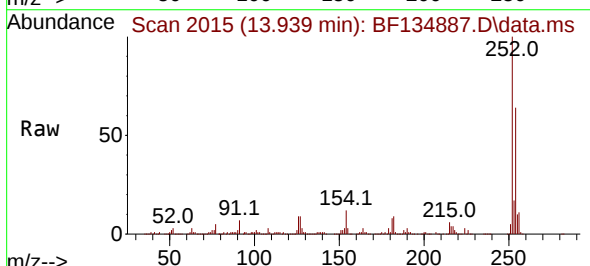
Manual Integrations

APPROVED

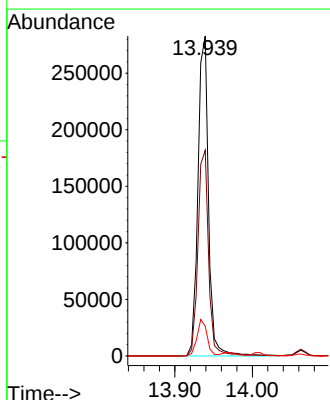
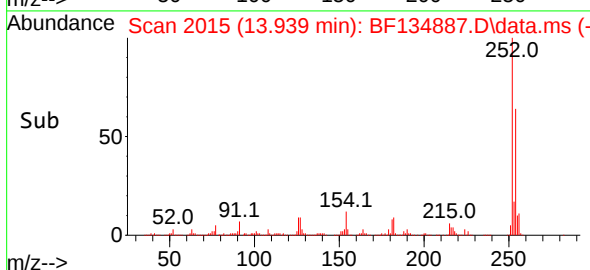
Reviewed By :Yogesh Patel 08/23/2023  
Supervised By :mohammad ahmed 08/23/2023

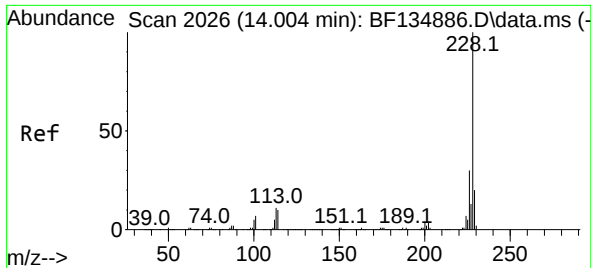


#82  
3,3'-Dichlorobenzidine  
Concen: 48.910 ng  
RT: 13.939 min Scan# 2015  
Delta R.T. 0.006 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42



Tgt Ion:252 Resp: 267278  
Ion Ratio Lower Upper  
252 100  
254 64.3 51.6 77.4  
126 9.2 10.3 15.5#





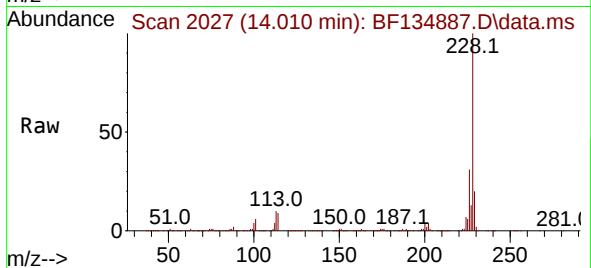
#83  
Chrysene  
Concen: 47.633 ng  
RT: 14.010 min Scan# 2027  
Delta R.T. 0.006 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

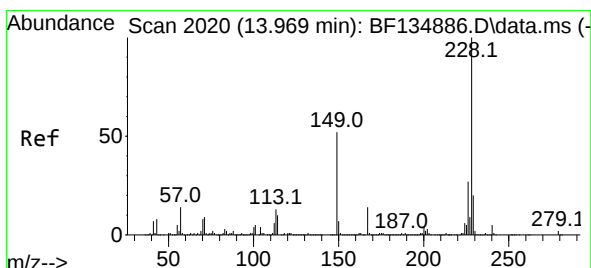
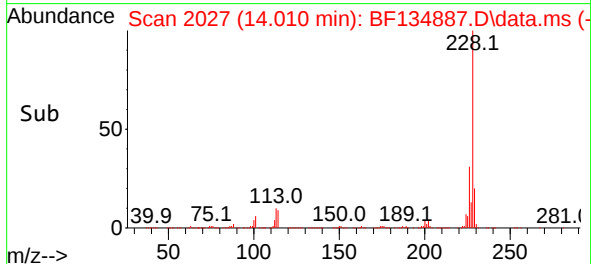
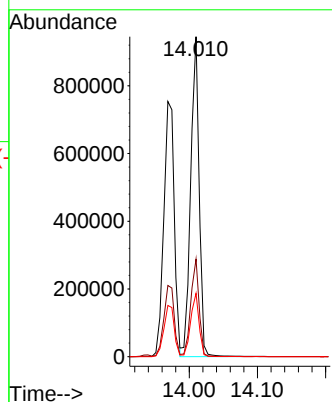


Tgt Ion:228 Resp: 81145  
Ion Ratio Lower Upper  
228 100  
226 30.5 24.2 36.2  
229 19.8 16.0 24.0

Manual Integrations

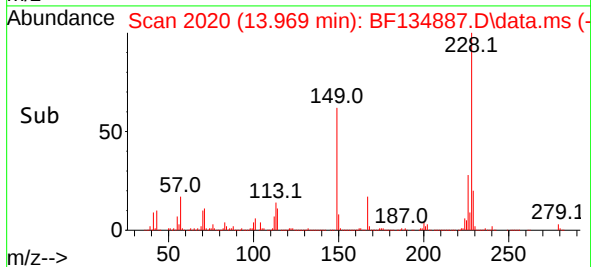
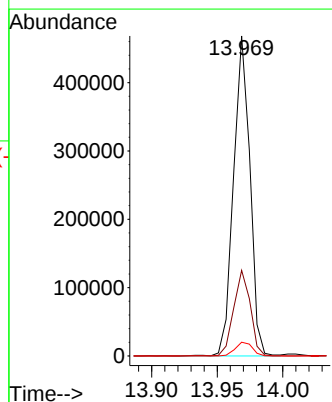
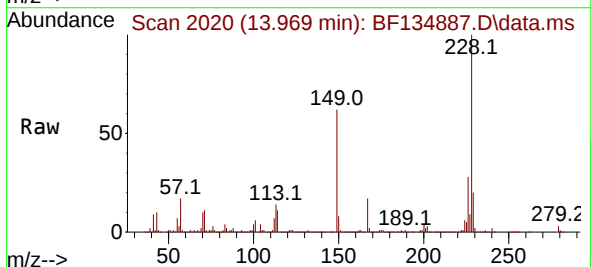
APPROVED

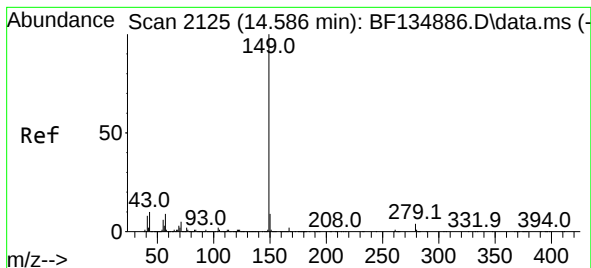
Reviewed By :Yogesh Patel 08/23/2023  
Supervised By :mohammad ahmed 08/23/2023



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 46.137 ng  
RT: 13.969 min Scan# 2020  
Delta R.T. 0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

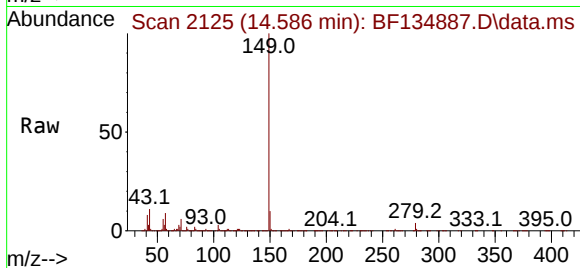
Tgt Ion:149 Resp: 408559  
Ion Ratio Lower Upper  
149 100  
167 26.7 22.1 33.1  
279 4.3 3.6 5.4





#85  
Di-n-octyl phthalate  
Concen: 49.728 ng  
RT: 14.586 min Scan# 2125  
Delta R.T. 0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

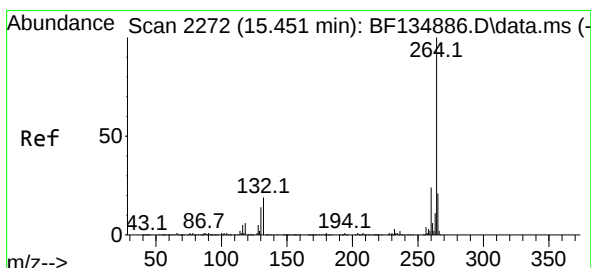
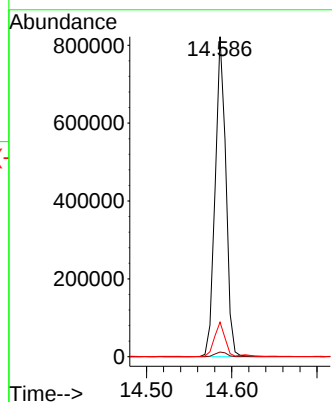
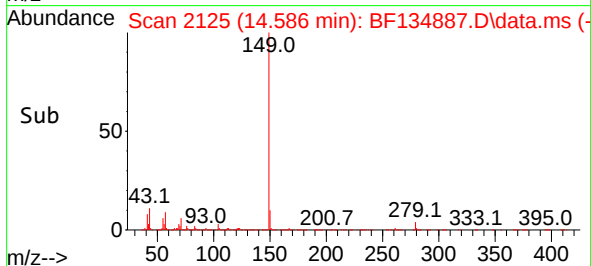
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050



Tgt Ion:149 Resp: 718059  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 10.5 8.3 12.5

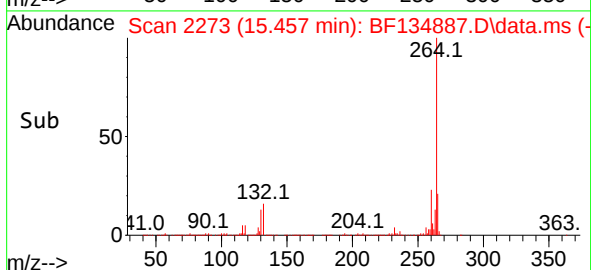
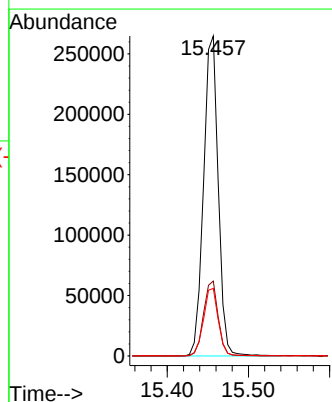
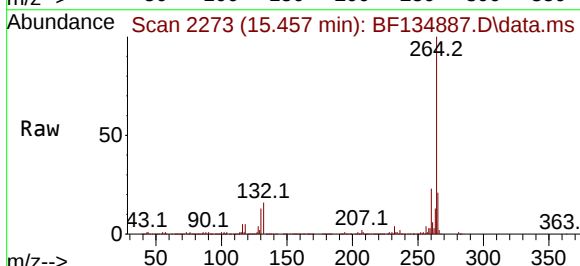
Manual Integrations  
APPROVED

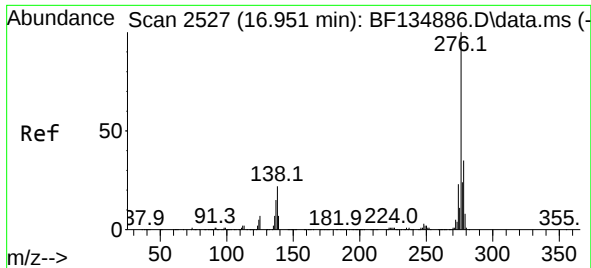
Reviewed By :Yogesh Patel 08/23/2023  
Supervised By :mohammad ahmed 08/23/2023



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.457 min Scan# 2273  
Delta R.T. 0.006 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

Tgt Ion:264 Resp: 331928  
Ion Ratio Lower Upper  
264 100  
260 23.4 19.0 28.6  
265 21.1 17.1 25.7





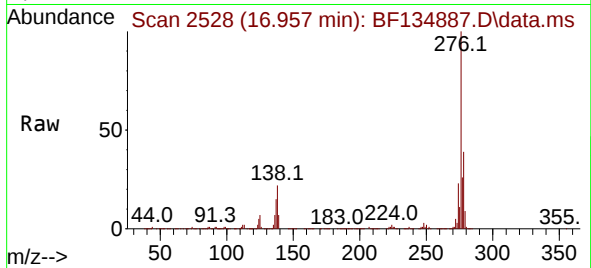
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 47.780 ng  
RT: 16.957 min Scan# 2119  
Delta R.T. 0.006 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050



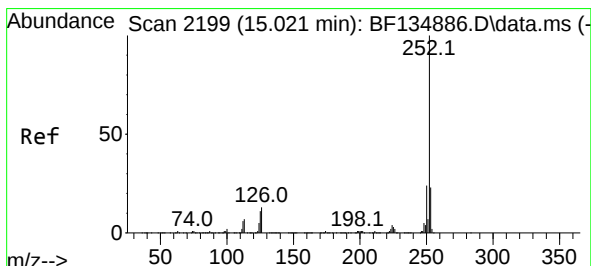
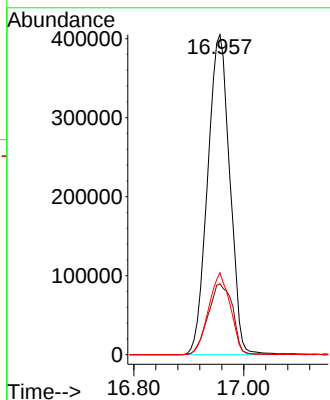
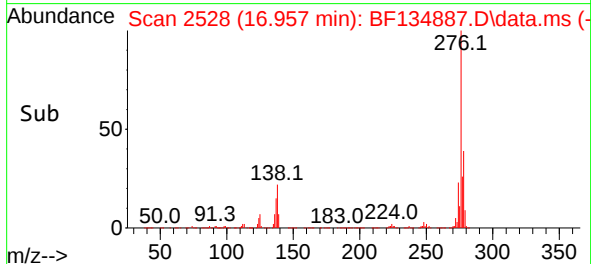
Tgt Ion:276 Resp: 1133619  
Ion Ratio Lower Upper  
276 100  
138 24.6 19.7 29.5  
277 25.4 20.1 30.1

Manual Integrations

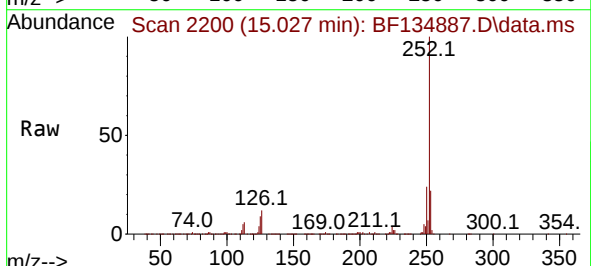
APPROVED

Reviewed By :Yogesh Patel 08/23/2023

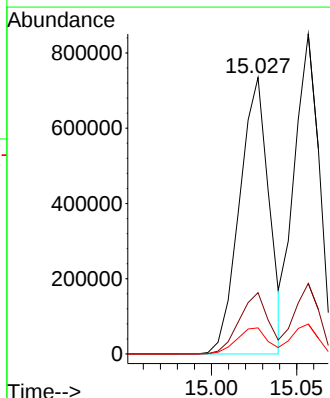
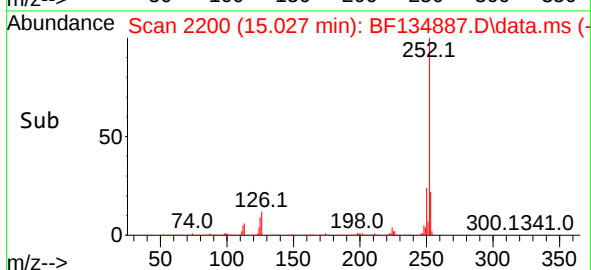
Supervised By :mohammad ahmed 08/23/2023

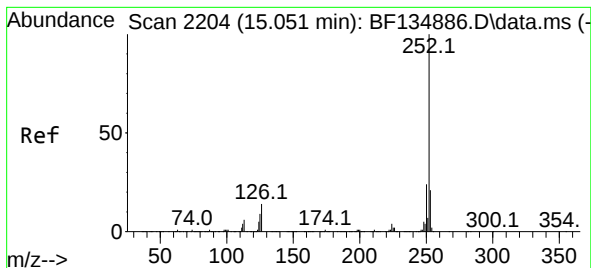


#88  
Benzo(b)fluoranthene  
Concen: 47.288 ng  
RT: 15.027 min Scan# 2200  
Delta R.T. 0.006 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42



Tgt Ion:252 Resp: 885578  
Ion Ratio Lower Upper  
252 100  
253 22.2 18.1 27.1  
125 9.4 8.4 12.6





#89

Benzo(k)fluoranthene

Concen: 47.380 ng

RT: 15.057 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF134887.D

Acq: 22 Aug 2023 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

Tgt Ion:252 Resp: 871298

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

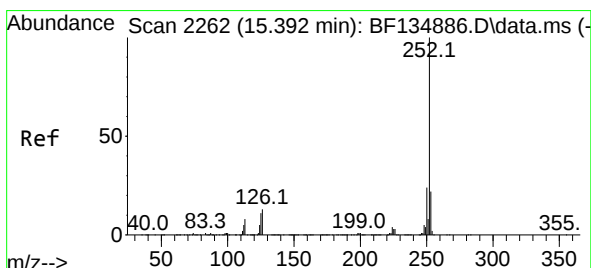
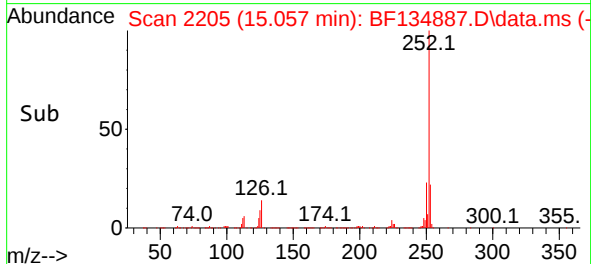
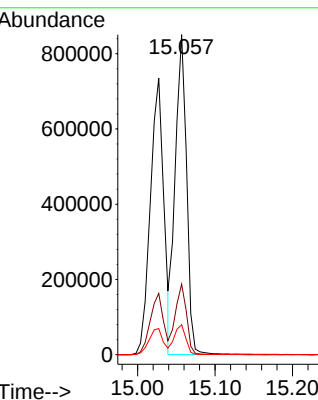
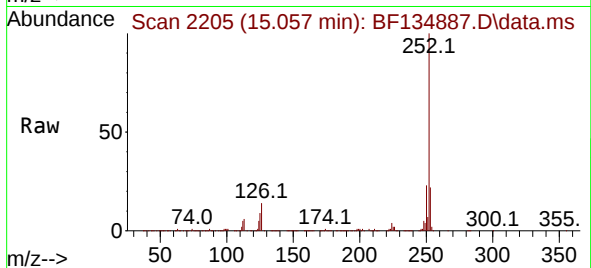
125 9.4 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2023

Supervised By :mohammad ahmed 08/23/2023



#90

Benzo(a)pyrene

Concen: 47.841 ng

RT: 15.398 min Scan# 2263

Delta R.T. 0.006 min

Lab File: BF134887.D

Acq: 22 Aug 2023 15:42

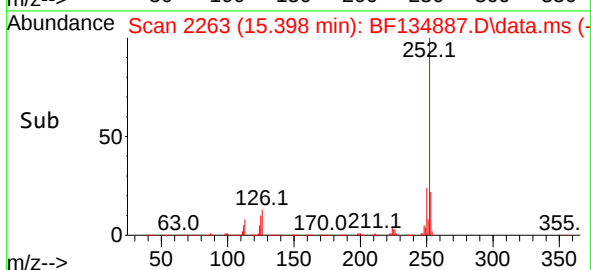
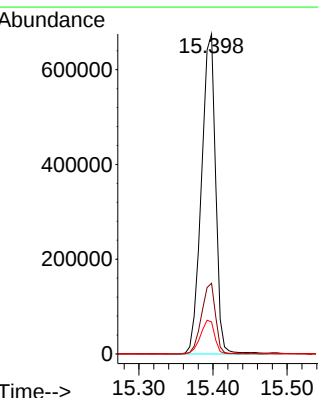
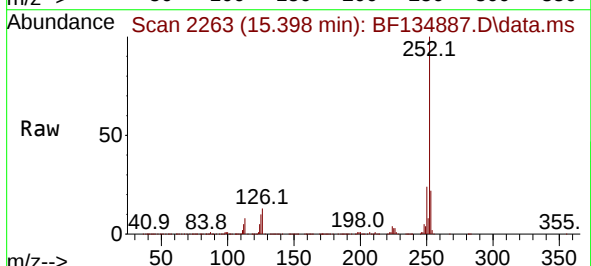
Tgt Ion:252 Resp: 894393

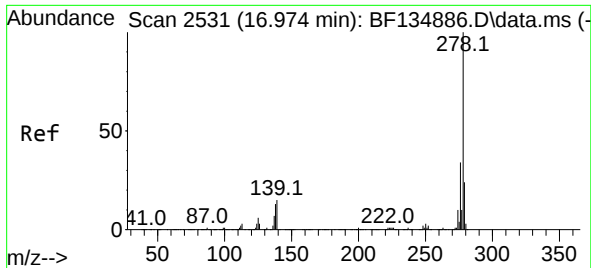
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

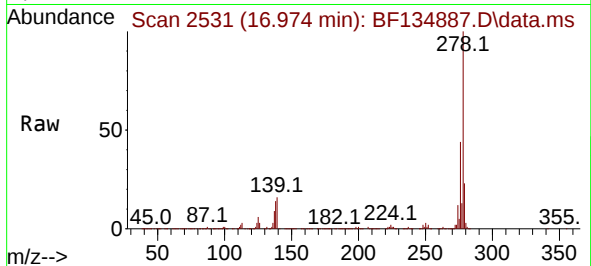
125 10.0 8.4 12.6





#91  
Dibenzo(a,h)anthracene  
Concen: 47.977 ng  
RT: 16.974 min Scan# 2531  
Delta R.T. 0.000 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42

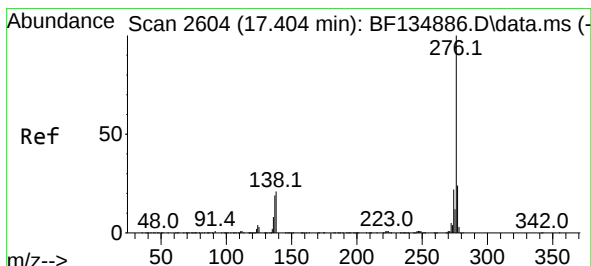
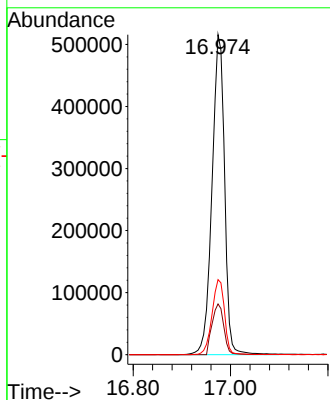
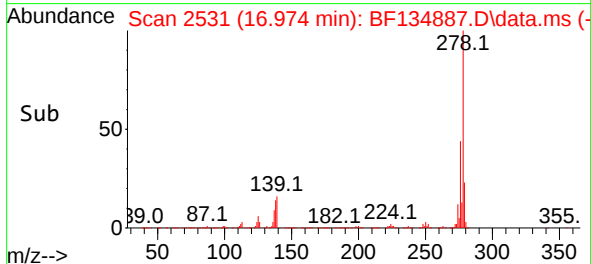
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050



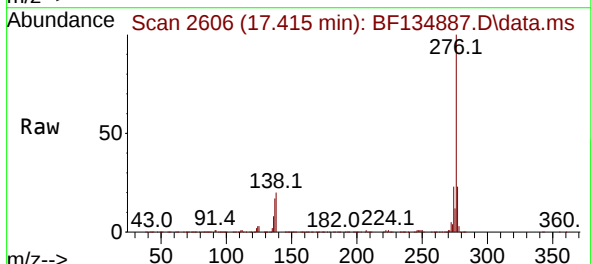
Tgt Ion:278 Resp: 92101  
Ion Ratio Lower Upper  
278 100  
139 15.9 12.2 18.4  
279 23.5 19.1 28.7

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/23/2023  
Supervised By :mohammad ahmed 08/23/2023



#92  
Benzo(g,h,i)perylene  
Concen: 48.073 ng  
RT: 17.415 min Scan# 2606  
Delta R.T. 0.012 min  
Lab File: BF134887.D  
Acq: 22 Aug 2023 15:42



Tgt Ion:276 Resp: 944708  
Ion Ratio Lower Upper  
276 100  
277 23.4 19.2 28.8  
138 20.4 17.0 25.6

