

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122023\  
 Data File : BF136644.D  
 Acq On : 20 Dec 2023 11:38  
 Operator : CG\JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/21/2023  
 Supervised By :mohammad ahmed 12/21/2023

Quant Time: Dec 20 17:11:29 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 20 17:02:25 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.792  | 152  | 76373    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.069  | 136  | 309558   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.827  | 164  | 165582   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.316 | 188  | 324874   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.968 | 240  | 188342   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.445 | 264  | 153028   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.428  | 112  | 207498   | 42.391 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.434  | 99   | 265883   | 41.921 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.357  | 82   | 251294   | 41.540 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.616 | 330  | 83867    | 43.007 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.145  | 172  | 525615   | 42.695 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.910 | 244  | 568447   | 42.178 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.546  | 88   | 42583    | 20.879 | ng    | 98       |
| 3) Pyridine                   | 3.304  | 79   | 102291   | 20.557 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.263  | 42   | 54430    | 20.483 | ng    | 94       |
| 6) Aniline                    | 6.457  | 93   | 135487   | 21.366 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.581  | 128  | 114410   | 21.359 | ng    | 95       |
| 9) Benzaldehyde               | 6.345  | 77   | 79472    | 22.029 | ng    | 98       |
| 10) Phenol                    | 6.445  | 94   | 142839   | 21.097 | ng    | 89       |
| 11) bis(2-Chloroethyl)ether   | 6.534  | 93   | 109632   | 21.292 | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 6.733  | 146  | 122786   | 21.013 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.810  | 146  | 125703   | 21.053 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.963  | 146  | 118478   | 21.325 | ng    | 97       |
| 15) Benzyl Alcohol            | 6.933  | 79   | 92918    | 21.715 | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.069  | 45   | 177481   | 21.083 | ng    | 97       |
| 17) 2-Methylphenol            | 7.051  | 107  | 91613    | 20.645 | ng    | 98       |
| 18) Hexachloroethane          | 7.298  | 117  | 45695    | 21.073 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.204  | 70   | 80619    | 20.968 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.204  | 107  | 118241   | 21.328 | ng    | # 86     |
| 22) Acetophenone              | 7.198  | 105  | 163347   | 21.052 | ng    | # 97     |
| 24) Nitrobenzene              | 7.375  | 77   | 124582   | 20.558 | ng    | 93       |
| 25) Isophorone                | 7.610  | 82   | 226498   | 20.576 | ng    | 100      |
| 26) 2-Nitrophenol             | 7.686  | 139  | 60805    | 20.972 | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.728  | 122  | 74432    | 21.087 | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 7.822  | 93   | 136386   | 20.383 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 7.933  | 162  | 95512    | 21.018 | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 8.010  | 180  | 106960   | 21.125 | ng    | 99       |
| 31) Naphthalene               | 8.092  | 128  | 352268   | 20.714 | ng    | 99       |
| 32) Benzoic acid              | 7.833  | 122  | 70290m   | 20.736 | ng    |          |
| 33) 4-Chloroaniline           | 8.139  | 127  | 132301   | 21.070 | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.204  | 225  | 63939    | 20.785 | ng    | 98       |
| 35) Caprolactam               | 8.504  | 113  | 29549m   | 19.705 | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.627  | 107  | 107271   | 20.968 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.780  | 142  | 229173   | 20.939 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.880  | 142  | 228730   | 21.302 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 8.945  | 216  | 108049   | 21.070 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 8.933  | 237  | 26349    | 20.027 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.063  | 196  | 68498    | 20.828 | ng    | 95       |

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 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.104  | 196  | 75175    | 20.513 | ng    | 95       |
| 46) 1,1'-Biphenyl             | 9.245  | 154  | 294249   | 21.177 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.269  | 162  | 220356   | 20.861 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.369  | 65   | 68318    | 20.654 | ng    | 98       |
| 49) Acenaphthylene            | 9.686  | 152  | 342479   | 21.212 | ng    | 99       |
| 50) Dimethylphthalate         | 9.551  | 163  | 252040   | 20.839 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.616  | 165  | 58359    | 21.261 | ng    | 99       |
| 52) Acenaphthene              | 9.863  | 154  | 208538   | 20.836 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.780  | 138  | 61501    | 21.151 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.892  | 184  | 25389    | 19.645 | ng    | 94       |
| 55) Dibenzofuran              | 10.033 | 168  | 324682   | 21.401 | ng    | 97       |
| 56) 4-Nitrophenol             | 9.951  | 139  | 40361    | 20.562 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.016 | 165  | 77233    | 21.674 | ng    | 97       |
| 58) Fluorene                  | 10.374 | 166  | 256358   | 21.296 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.151 | 232  | 62121    | 21.867 | ng    | 99       |
| 60) Diethylphthalate          | 10.251 | 149  | 263305   | 20.982 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.369 | 204  | 124458   | 21.271 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.398 | 138  | 57237m   | 19.927 | ng    |          |
| 63) Azobenzene                | 10.527 | 77   | 250151   | 21.343 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.427 | 198  | 38846    | 20.864 | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 10.486 | 169  | 219685   | 20.817 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.857 | 248  | 75487    | 20.922 | ng    | 95       |
| 68) Hexachlorobenzene         | 10.921 | 284  | 85577    | 21.284 | ng    | 96       |
| 69) Atrazine                  | 11.016 | 200  | 53486    | 19.815 | ng    | 98       |
| 70) Pentachlorophenol         | 11.121 | 266  | 39201    | 20.917 | ng    | 96       |
| 71) Phenanthrene              | 11.339 | 178  | 349354   | 20.958 | ng    | 99       |
| 72) Anthracene                | 11.392 | 178  | 355552   | 21.061 | ng    | 99       |
| 73) Carbazole                 | 11.551 | 167  | 337050   | 21.176 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.886 | 149  | 410415   | 21.132 | ng    | 99       |
| 75) Fluoranthene              | 12.533 | 202  | 377072   | 21.147 | ng    | 98       |
| 77) Benzidine                 | 12.657 | 184  | 124988   | 22.507 | ng    | 98       |
| 78) Pyrene                    | 12.762 | 202  | 387697   | 20.969 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.392 | 149  | 140927   | 20.948 | ng    | 95       |
| 81) Benzo(a)anthracene        | 13.957 | 228  | 270276   | 20.666 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.921 | 252  | 78873    | 21.236 | ng    | 96       |
| 83) Chrysene                  | 13.998 | 228  | 268129   | 20.965 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.951 | 149  | 174886   | 20.661 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.568 | 149  | 259720   | 19.836 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.939 | 276  | 218556   | 19.781 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.009 | 252  | 217424   | 21.273 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.039 | 252  | 197030   | 20.408 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.380 | 252  | 176398   | 20.446 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.962 | 278  | 181297   | 20.001 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.398 | 276  | 185365   | 19.966 | ng    | 100      |

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

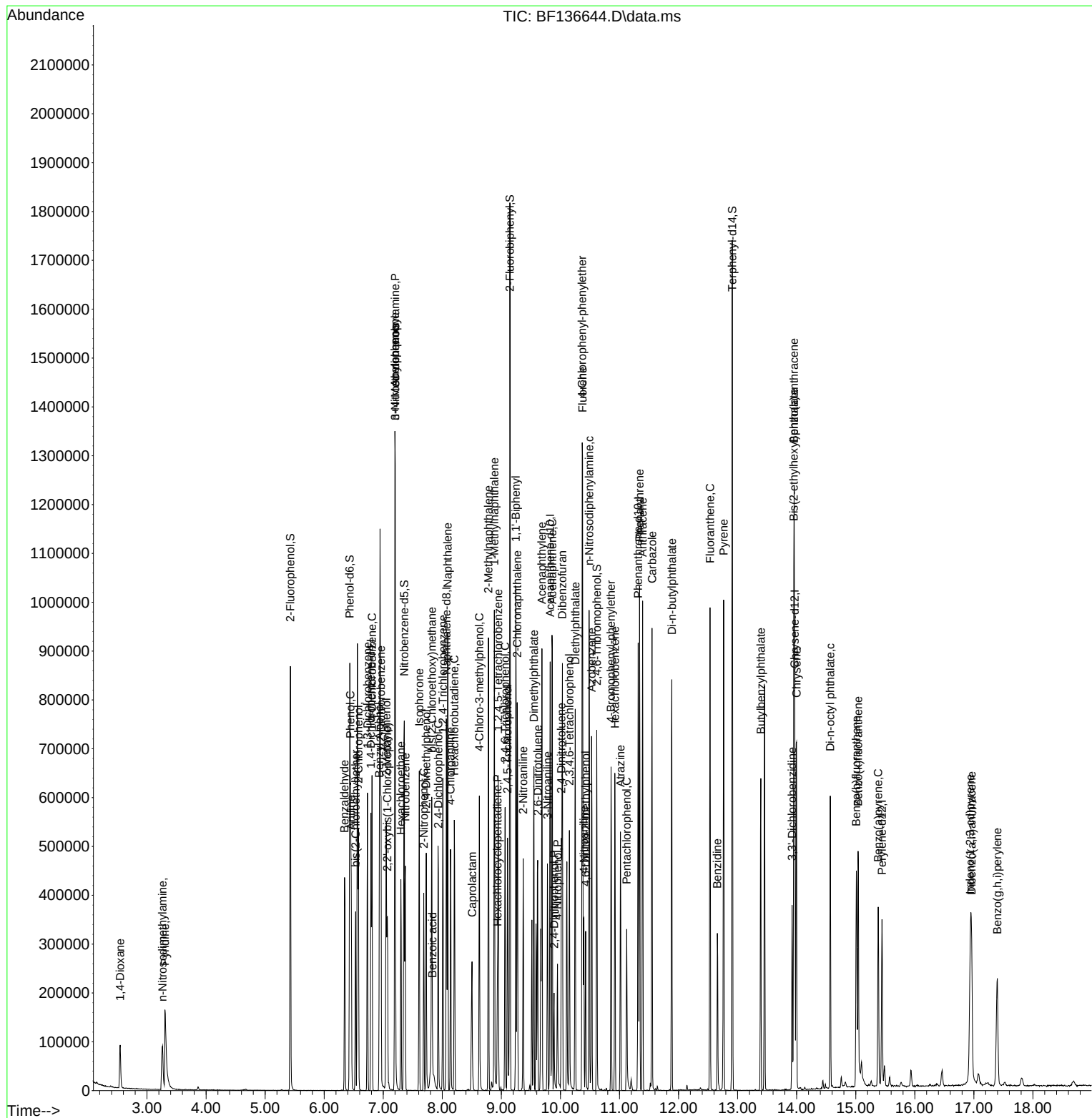
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ALS Vial : 5 Sample Multiplier: 1

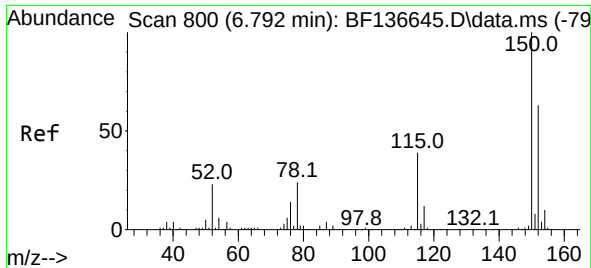
Instrument :  
BNA\_F  
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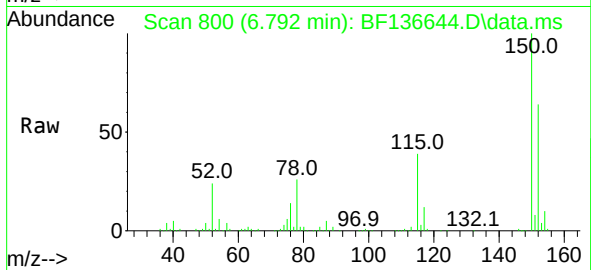
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.792 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

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BNA\_F

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SSTDICC020

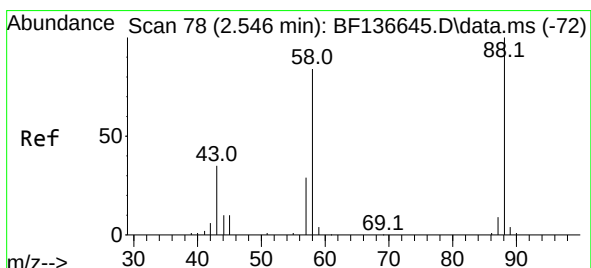
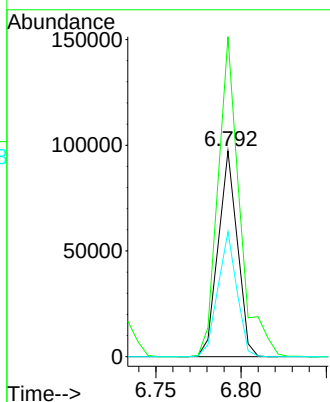
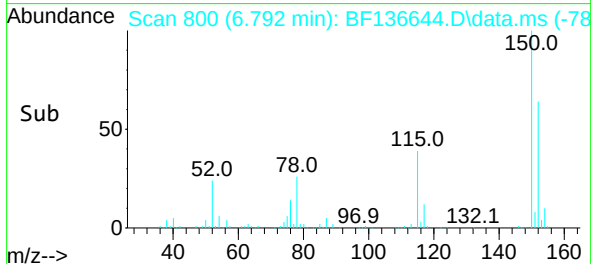


Tgt Ion:152 Resp: 7637  
Ion Ratio Lower Upper  
152 100  
150 155.5 127.0 190.6  
115 60.8 49.0 73.4

Manual Integrations

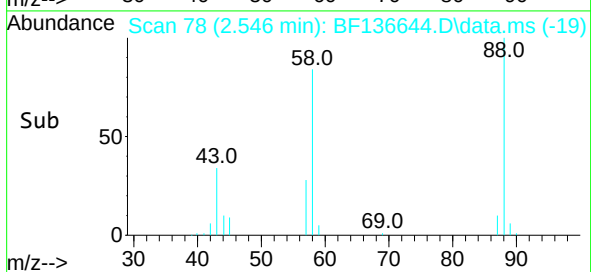
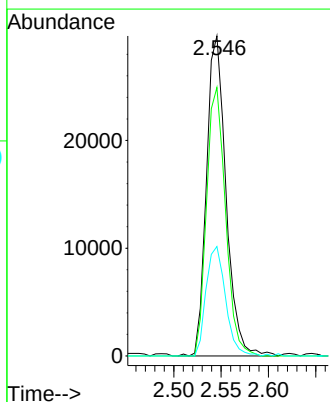
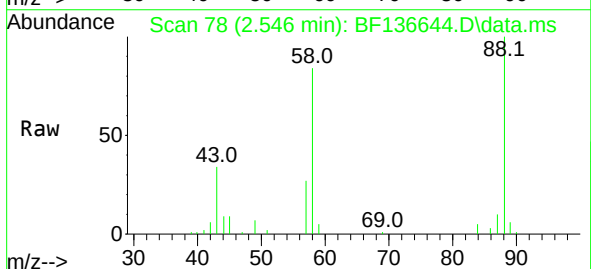
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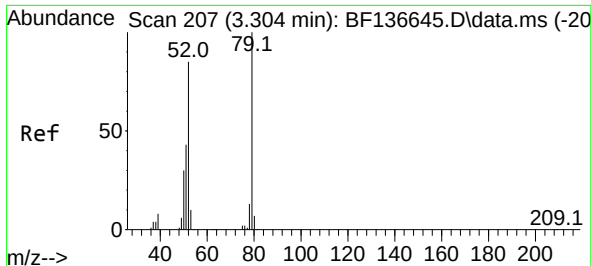
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#2  
1,4-Dioxane  
Concen: 20.879 ng  
RT: 2.546 min Scan# 78  
Delta R.T. -0.000 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

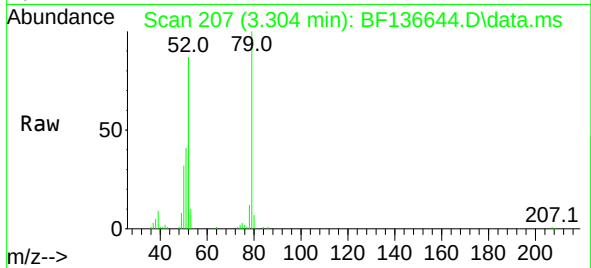
Tgt Ion: 88 Resp: 42583  
Ion Ratio Lower Upper  
88 100  
58 81.4 67.4 101.0  
43 34.1 27.7 41.5





#3  
Pyridine  
Concen: 20.557 ng  
RT: 3.304 min Scan# 207  
Delta R.T. -0.000 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

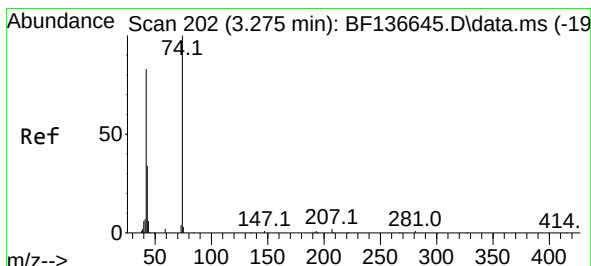
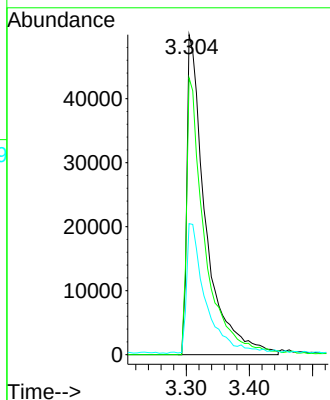
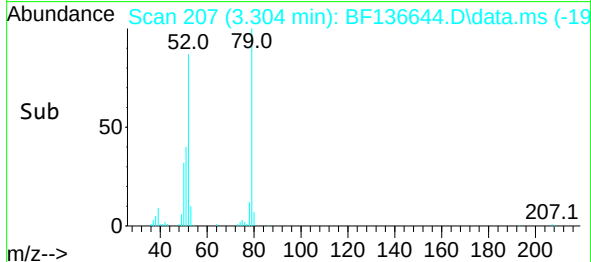
Instrument :  
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ClientSampleId :  
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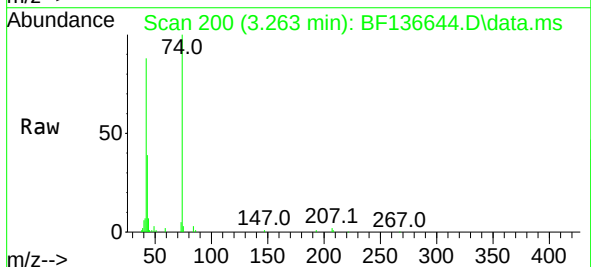
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Ion Ratio Lower Upper  
79 100  
52 86.5 67.7 101.5  
51 40.9 34.0 51.0

Manual Integrations  
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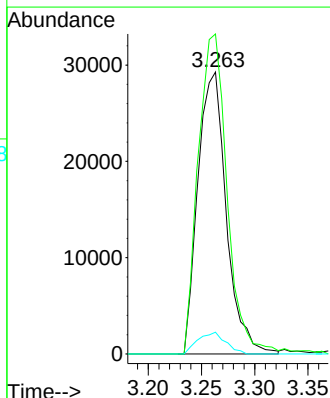
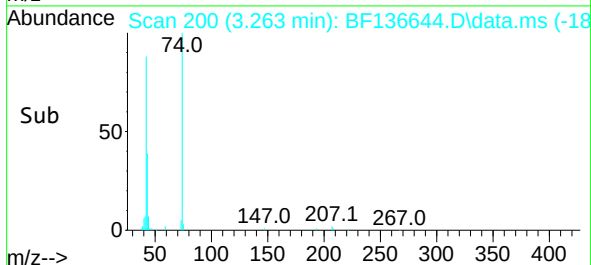
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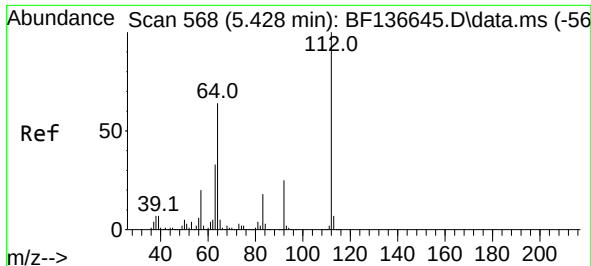


#4  
n-Nitrosodimethylamine  
Concen: 20.483 ng  
RT: 3.263 min Scan# 200  
Delta R.T. -0.012 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38



Tgt Ion: 42 Resp: 54430  
Ion Ratio Lower Upper  
42 100  
74 113.5 96.0 144.0  
44 7.7 5.4 8.2





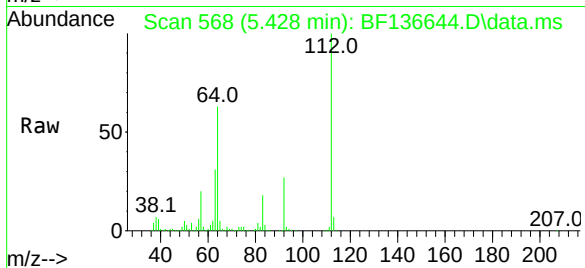
#5  
2-Fluorophenol  
Concen: 42.391 ng  
RT: 5.428 min Scan# 501  
Delta R.T. -0.000 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

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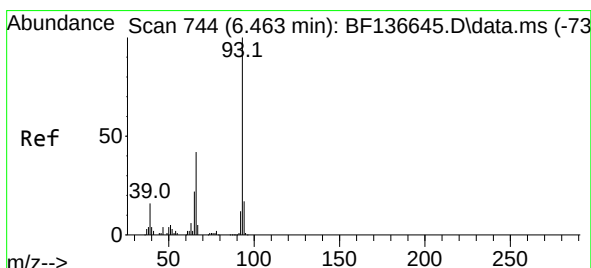
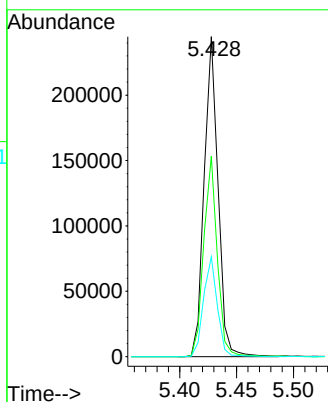
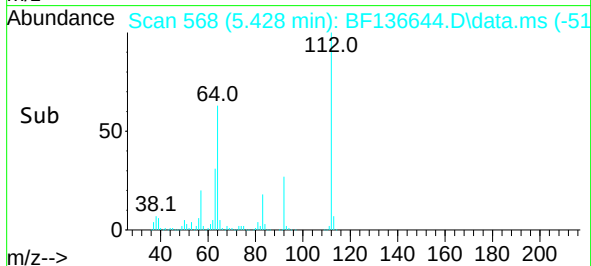


Tgt Ion: 112 Resp: 207498  
Ion Ratio Lower Upper  
112 100  
64 62.7 51.1 76.7  
63 31.2 26.1 39.1

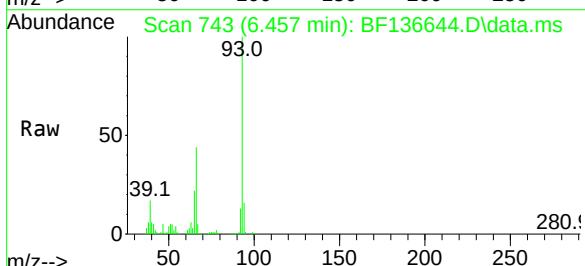
Manual Integrations

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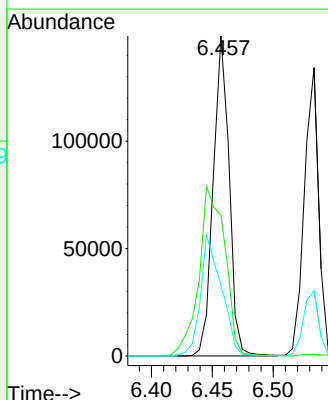
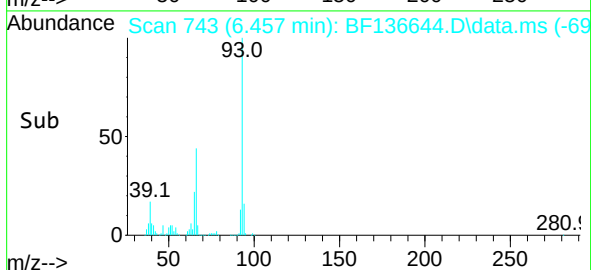
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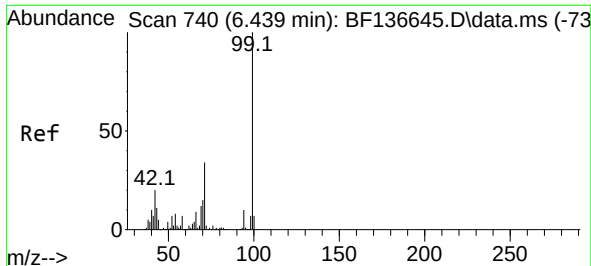


#6  
Aniline  
Concen: 21.366 ng  
RT: 6.457 min Scan# 743  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38



Tgt Ion: 93 Resp: 135487  
Ion Ratio Lower Upper  
93 100  
66 44.0 34.6 51.8  
65 22.2 17.8 26.8





#7

Phenol-d6

Concen: 41.921 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136644.D

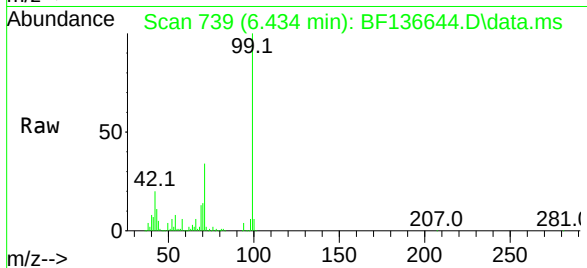
Acq: 20 Dec 2023 11:38

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Tgt Ion: 99 Resp: 26588

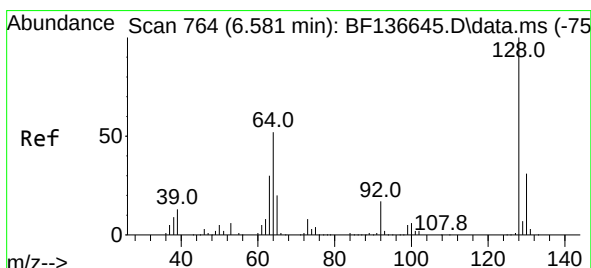
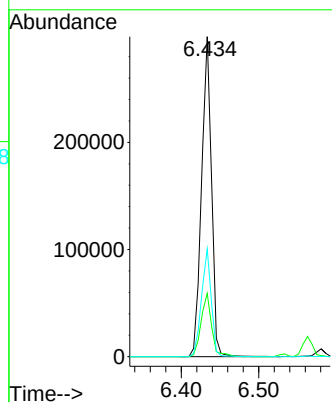
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|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.8  | 16.1  | 24.1  |
| 71  | 33.7  | 27.4  | 41.2  |

Manual Integrations

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#8

2-Chlorophenol

Concen: 21.359 ng

RT: 6.581 min Scan# 764

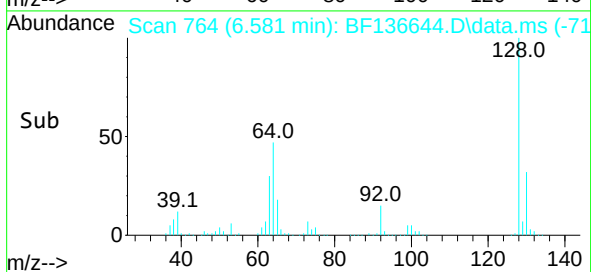
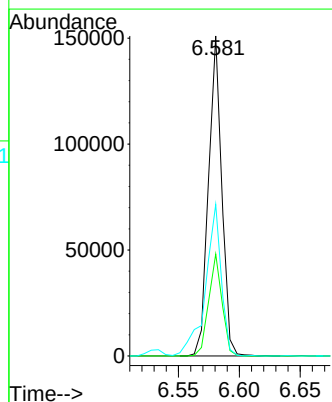
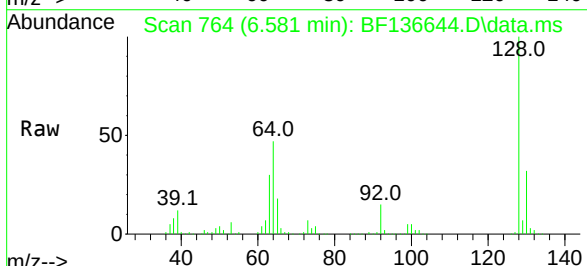
Delta R.T. -0.000 min

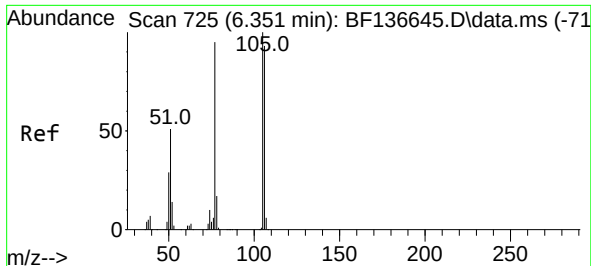
Lab File: BF136644.D

Acq: 20 Dec 2023 11:38

Tgt Ion:128 Resp: 114410

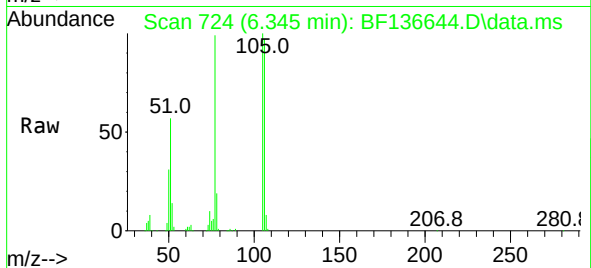
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 31.8  | 11.3  | 51.3  |
| 64  | 47.3  | 32.5  | 72.5  |





#9  
Benzaldehyde  
Concen: 22.029 ng  
RT: 6.345 min Scan# 710  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

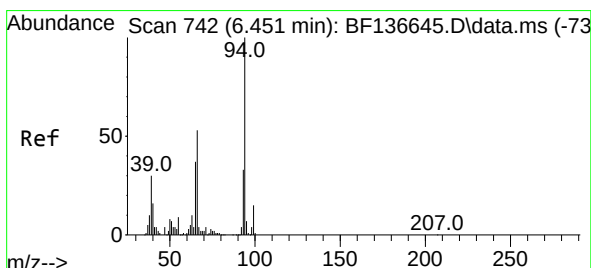
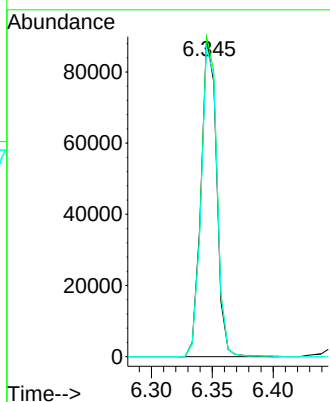
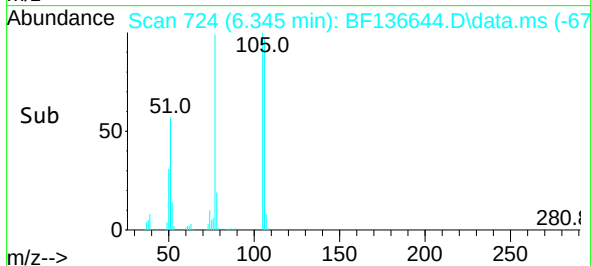
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion: 77 Resp: 79472  
Ion Ratio Lower Upper  
77 100  
105 100.7 84.8 124.8  
106 97.4 77.8 117.8

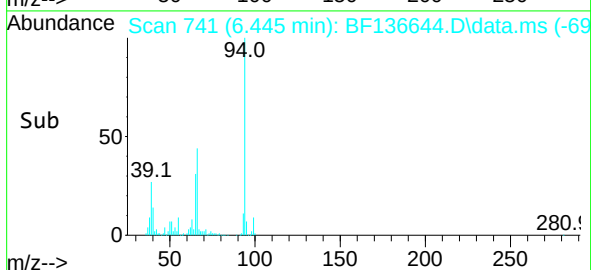
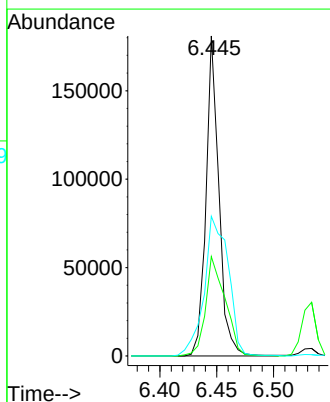
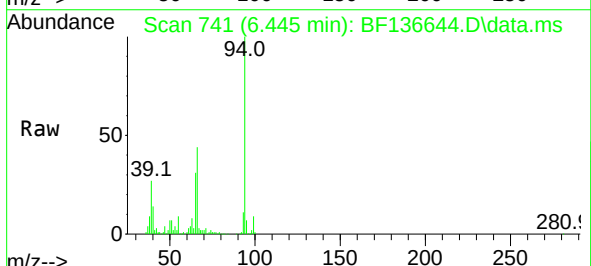
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/21/2023  
Supervised By :mohammad ahmed 12/21/2023

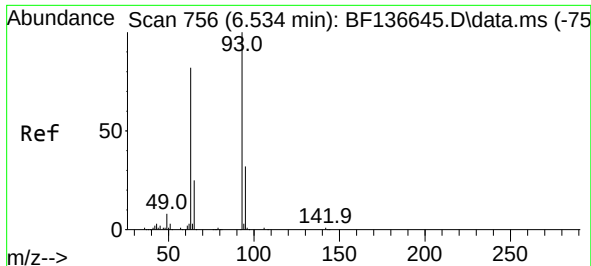


#10  
Phenol  
Concen: 21.097 ng  
RT: 6.445 min Scan# 741  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Tgt Ion: 94 Resp: 142839  
Ion Ratio Lower Upper  
94 100  
65 31.1 16.6 56.6  
66 43.6 32.6 72.6







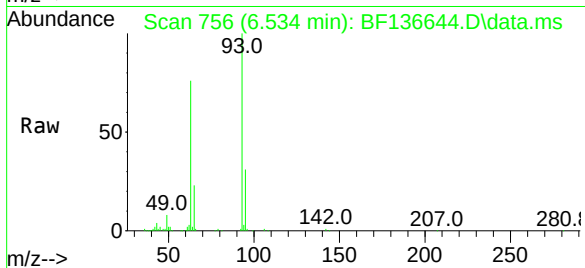
#11  
bis(2-Chloroethyl)ether  
Concen: 21.292 ng  
RT: 6.534 min Scan# 756  
Delta R.T. -0.000 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

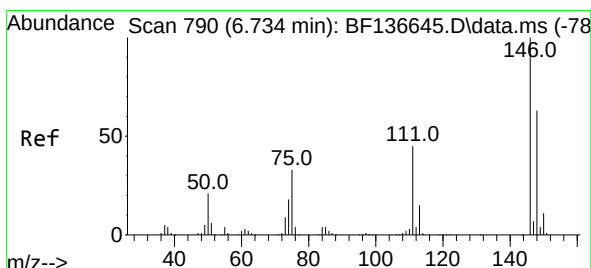
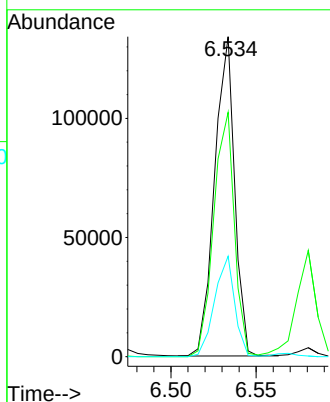
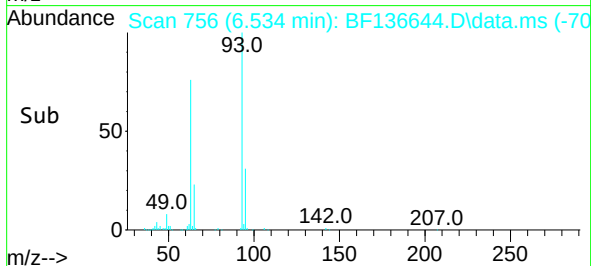


Tgt Ion: 93 Resp: 109632  
Ion Ratio Lower Upper  
93 100  
63 76.4 61.2 101.2  
95 31.4 11.6 51.6

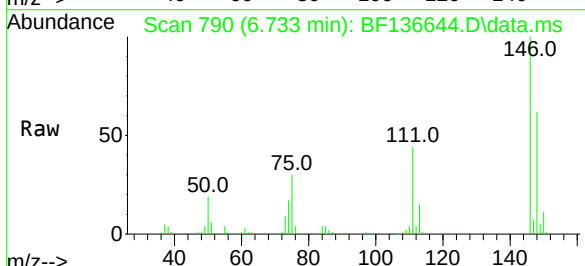
Manual Integrations

APPROVED

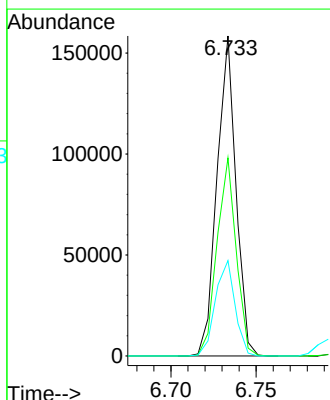
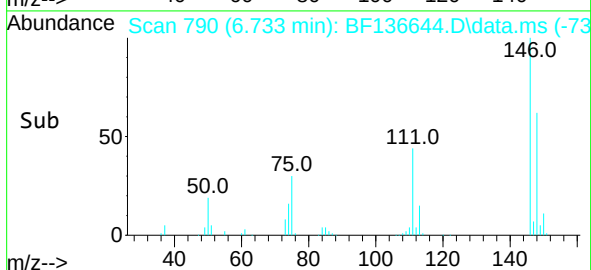
Reviewed By :Yogesh Patel 12/21/2023  
Supervised By :mohammad ahmed 12/21/2023

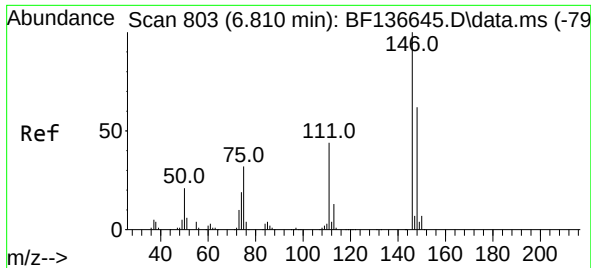


#12  
1,3-Dichlorobenzene  
Concen: 21.013 ng  
RT: 6.733 min Scan# 790  
Delta R.T. -0.000 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38



Tgt Ion:146 Resp: 122786  
Ion Ratio Lower Upper  
146 100  
148 61.9 50.5 75.7  
75 29.8 26.2 39.4





#13  
1,4-Dichlorobenzene  
Concen: 21.053 ng  
RT: 6.810 min Scan# 803  
Delta R.T. -0.000 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Instrument :

BNA\_F

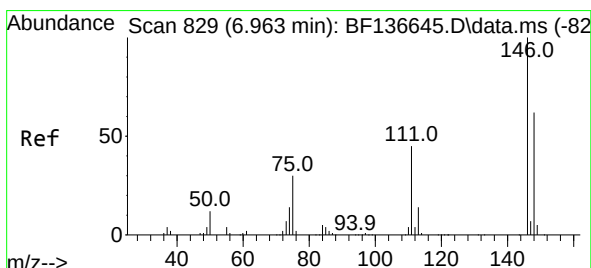
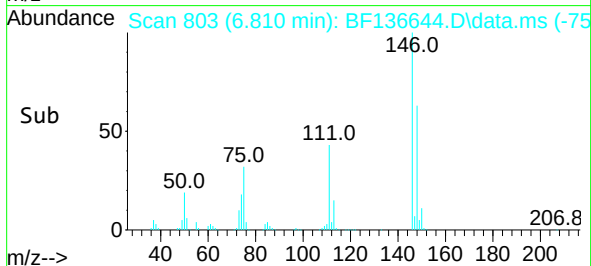
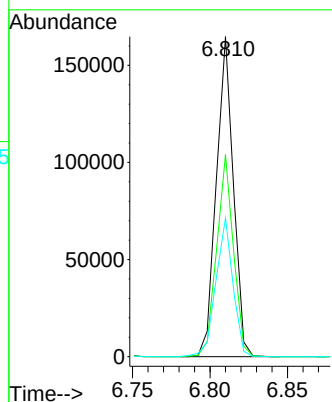
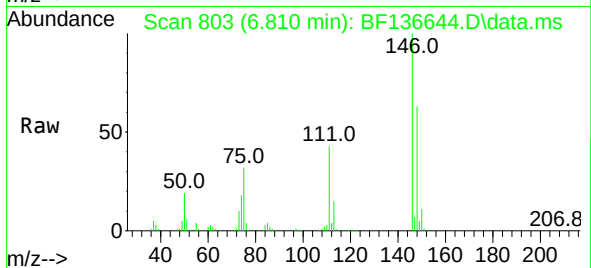
ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 12570  
Ion Ratio Lower Upper  
146 100  
148 63.1 49.2 73.8  
111 43.3 35.2 52.8

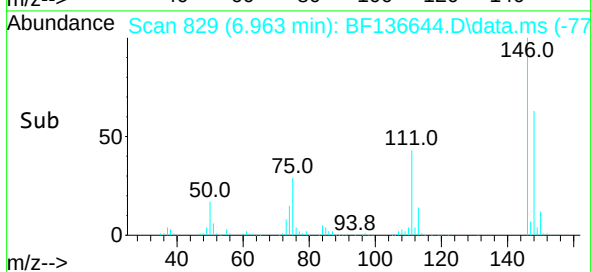
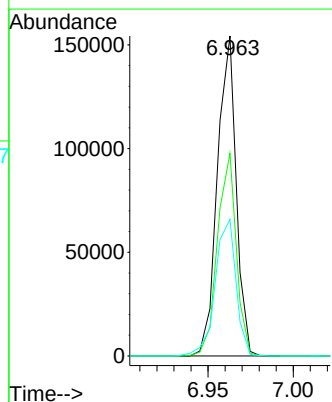
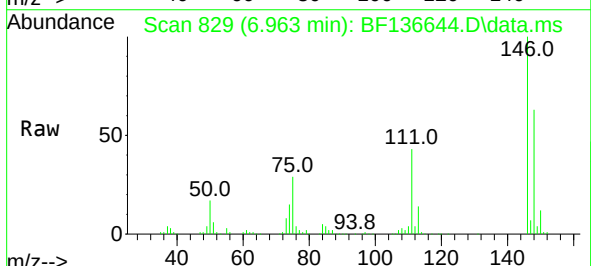
Manual Integrations  
APPROVED

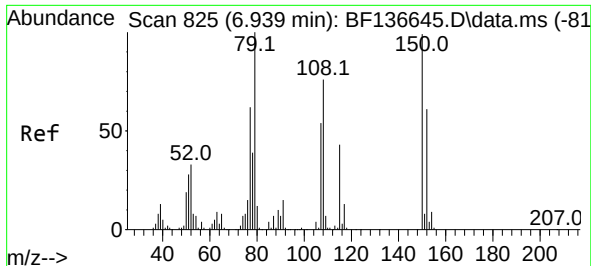
Reviewed By :Yogesh Patel 12/21/2023  
Supervised By :mohammad ahmed 12/21/2023



#14  
1,2-Dichlorobenzene  
Concen: 21.325 ng  
RT: 6.963 min Scan# 829  
Delta R.T. -0.000 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

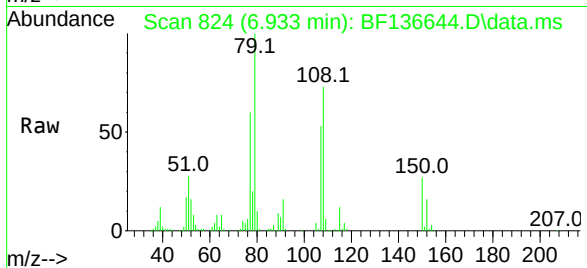
Tgt Ion:146 Resp: 118478  
Ion Ratio Lower Upper  
146 100  
148 63.3 49.6 74.4  
111 42.7 36.2 54.2





#15  
Benzyl Alcohol  
Concen: 21.715 ng  
RT: 6.933 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

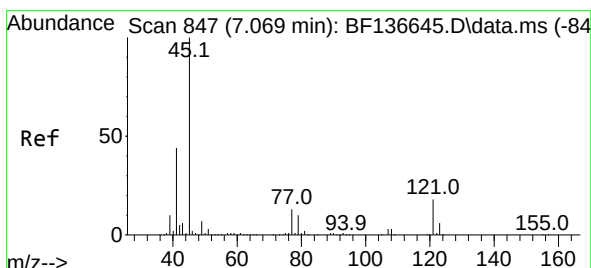
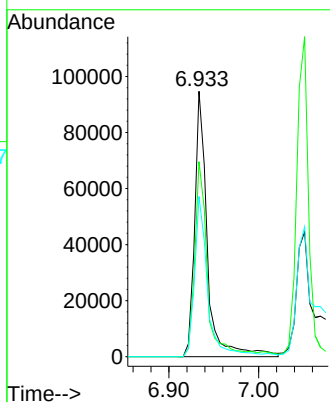
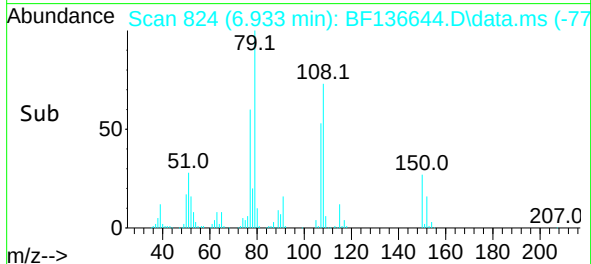
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion: 79 Resp: 92918  
Ion Ratio Lower Upper  
79 100  
108 73.5 61.0 91.6  
77 60.3 49.8 74.8

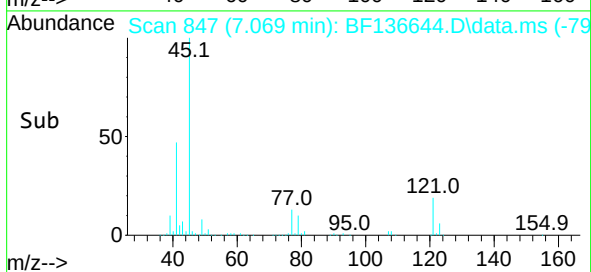
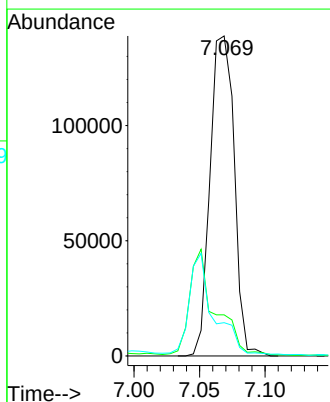
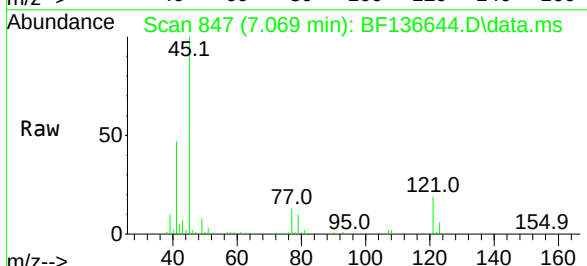
Manual Integrations  
APPROVED

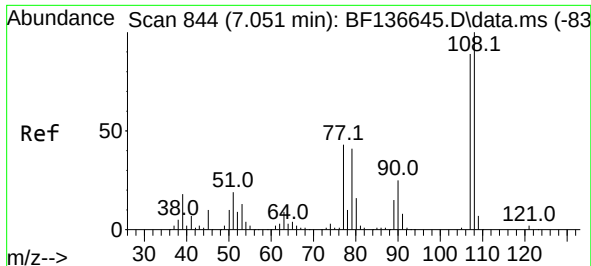
Reviewed By :Yogesh Patel 12/21/2023  
Supervised By :mohammad ahmed 12/21/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 21.083 ng  
RT: 7.069 min Scan# 847  
Delta R.T. -0.000 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Tgt Ion: 45 Resp: 177481  
Ion Ratio Lower Upper  
45 100  
77 12.9 0.0 34.3  
79 10.4 0.0 31.4





#17  
2-Methylphenol  
Concen: 20.645 ng  
RT: 7.051 min Scan# 844  
Delta R.T. -0.000 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Instrument :

BNA\_F

ClientSampleId :

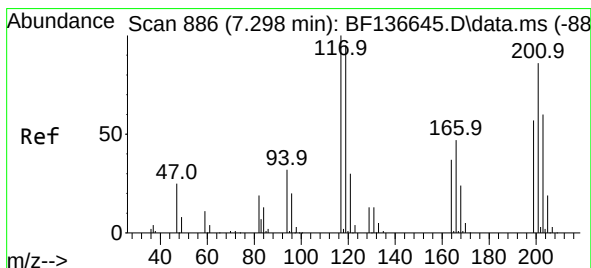
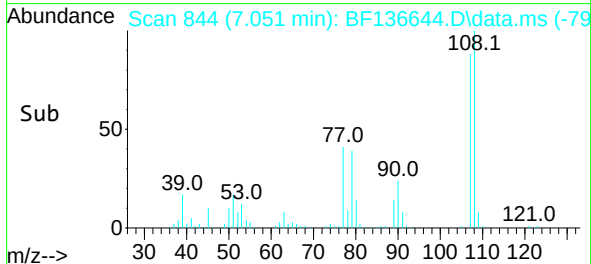
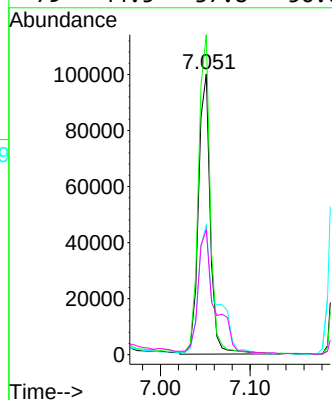
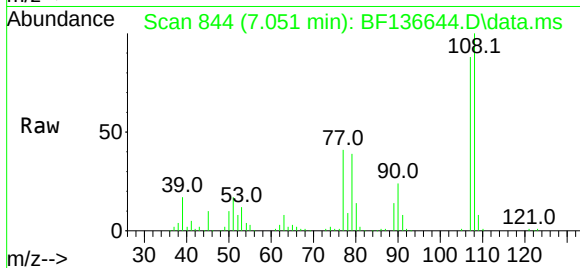
SSTDICC020

Tgt Ion:107 Resp: 9161  
Ion Ratio Lower Upper  
107 100  
108 114.0 90.3 135.5  
77 46.2 38.7 58.1  
79 44.5 37.8 56.6

Manual Integrations

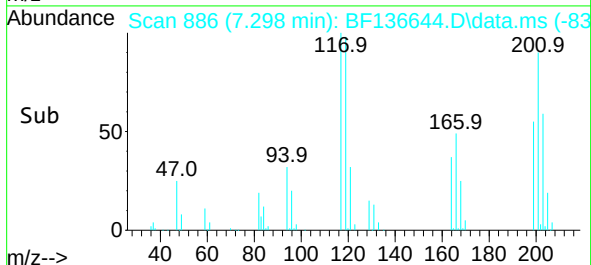
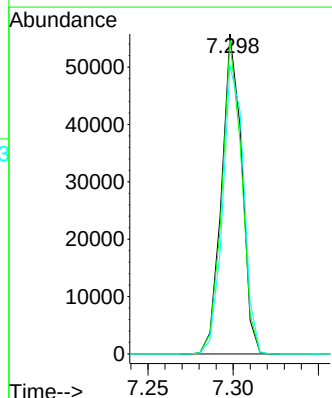
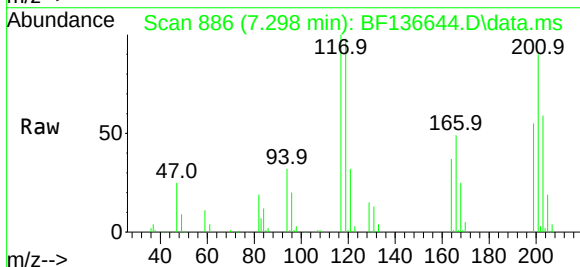
APPROVED

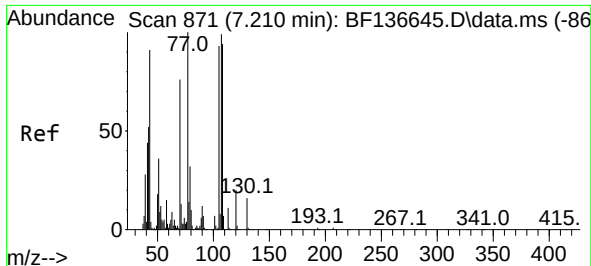
Reviewed By :Yogesh Patel 12/21/2023  
Supervised By :mohammad ahmed 12/21/2023



#18  
Hexachloroethane  
Concen: 21.073 ng  
RT: 7.298 min Scan# 886  
Delta R.T. -0.000 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Tgt Ion:117 Resp: 45695  
Ion Ratio Lower Upper  
117 100  
119 97.9 75.8 113.6  
201 90.0 69.1 103.7





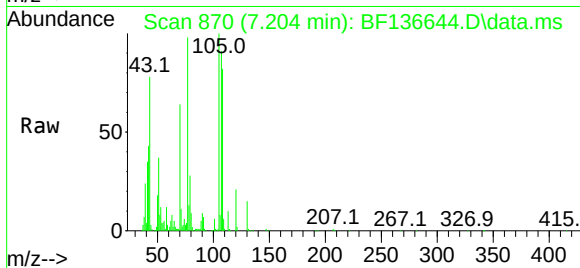
#19  
n-Nitroso-di-n-propylamine  
Concen: 20.968 ng  
RT: 7.204 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

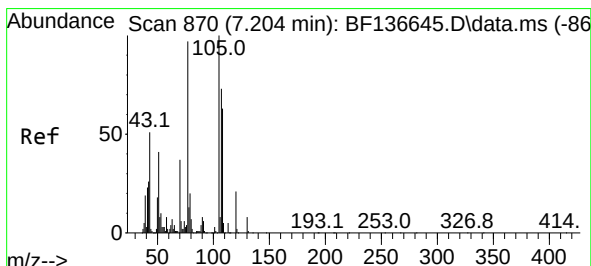
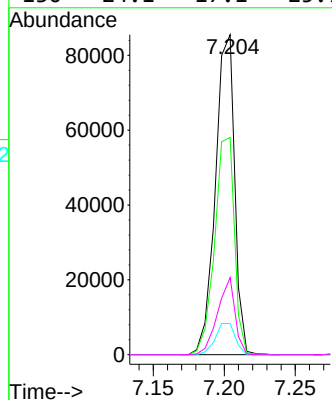
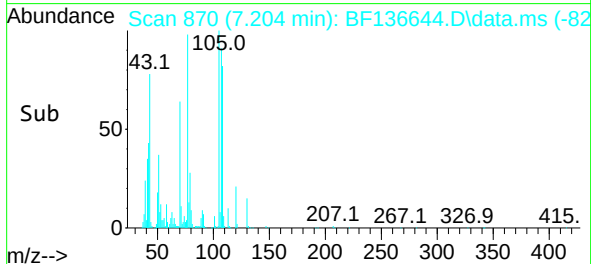


Tgt Ion: 70 Resp: 80619  
Ion Ratio Lower Upper  
70 100  
42 67.9 54.2 81.4  
101 9.8 7.6 11.4  
130 24.1 17.1 25.7

Manual Integrations

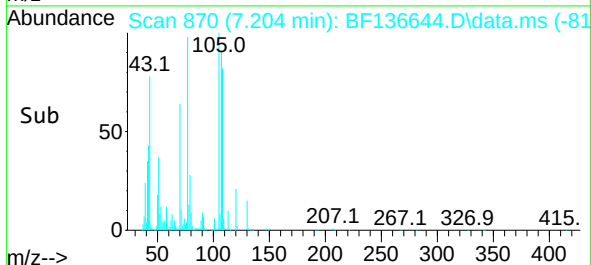
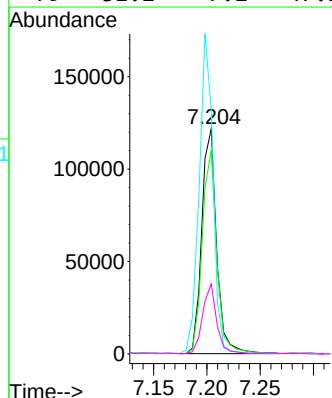
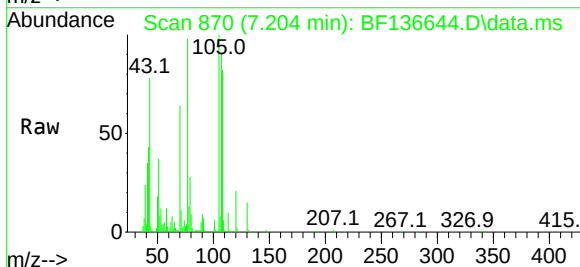
APPROVED

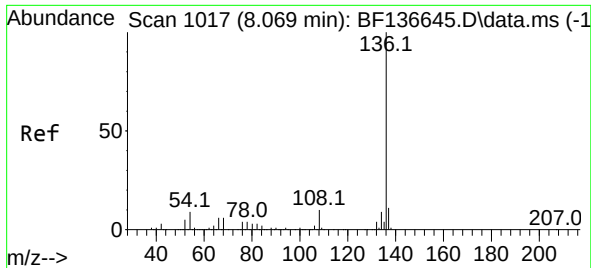
Reviewed By :Yogesh Patel 12/21/2023  
Supervised By :mohammad ahmed 12/21/2023



#20  
3+4-Methylphenols  
Concen: 21.328 ng  
RT: 7.204 min Scan# 870  
Delta R.T. -0.000 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Tgt Ion:107 Resp: 118241  
Ion Ratio Lower Upper  
107 100  
108 90.2 66.0 106.0  
77 108.3 114.2 154.2#  
79 31.2 7.2 47.2





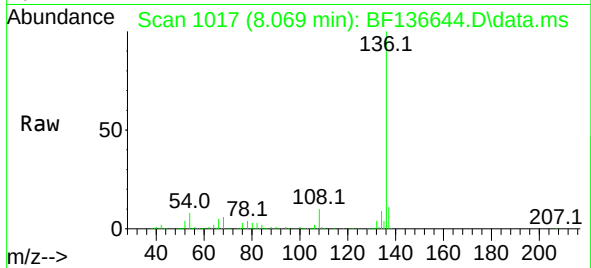
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.069 min Scan# 1017  
Delta R.T. -0.000 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

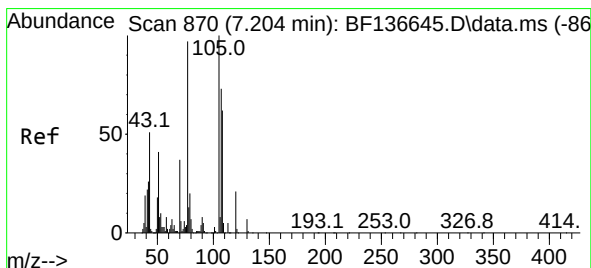
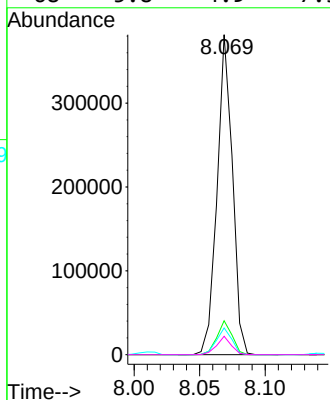
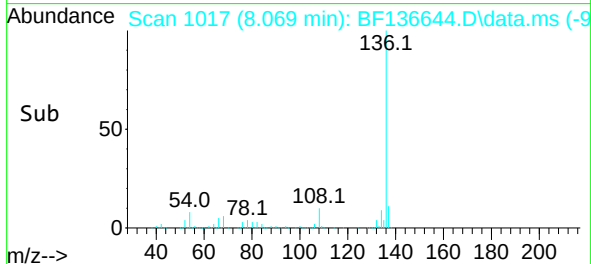


Tgt Ion:136 Resp: 309558  
Ion Ratio Lower Upper  
136 100  
137 10.6 9.0 13.4  
54 8.3 7.2 10.8  
68 5.8 4.9 7.3

Manual Integrations

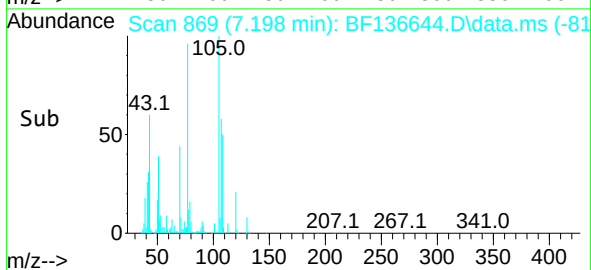
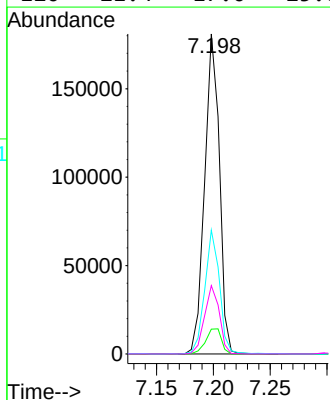
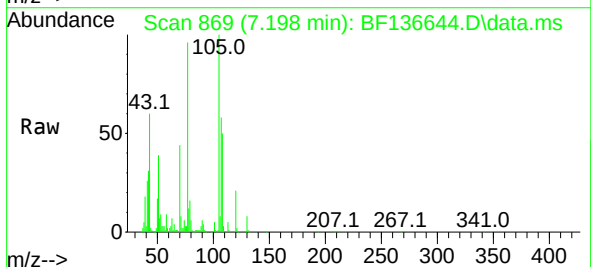
APPROVED

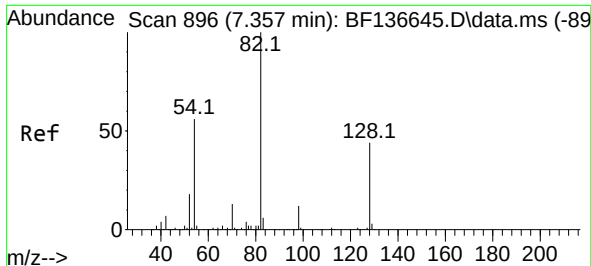
Reviewed By :Yogesh Patel 12/21/2023  
Supervised By :mohammad ahmed 12/21/2023



#22  
Acetophenone  
Concen: 21.052 ng  
RT: 7.198 min Scan# 869  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Tgt Ion:105 Resp: 163347  
Ion Ratio Lower Upper  
105 100  
71 7.7 4.8 7.2#  
51 38.7 32.8 49.2  
120 21.4 17.0 25.6





#23

Nitrobenzene-d5

Concen: 41.540 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.000 min

Lab File: BF136644.D

Acq: 20 Dec 2023 11:38

Instrument :

BNA\_F

ClientSampleId :

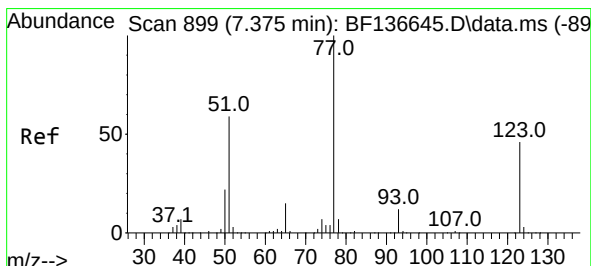
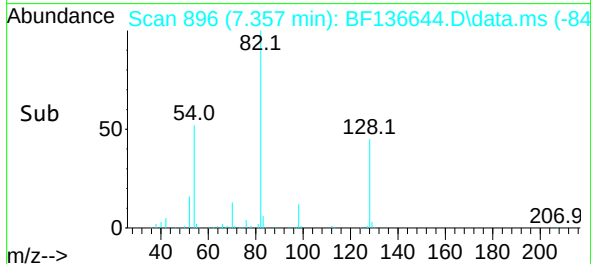
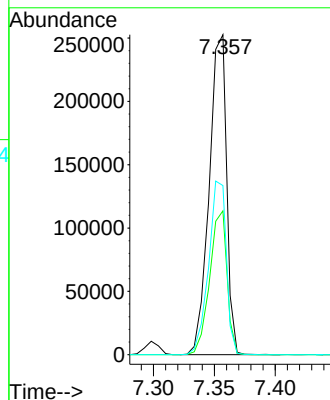
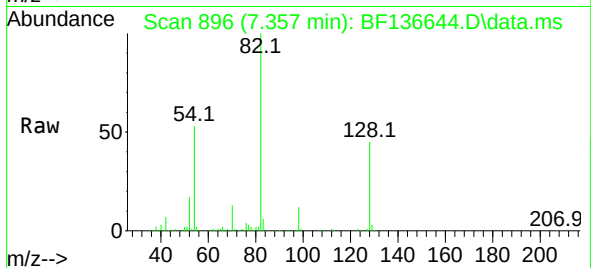
SSTDICC020

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 251294 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 44.9  | 35.3  | 52.9   |
| 54       | 52.9  | 44.5  | 66.7   |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023  
Supervised By :mohammad ahmed 12/21/2023



#24

Nitrobenzene

Concen: 20.558 ng

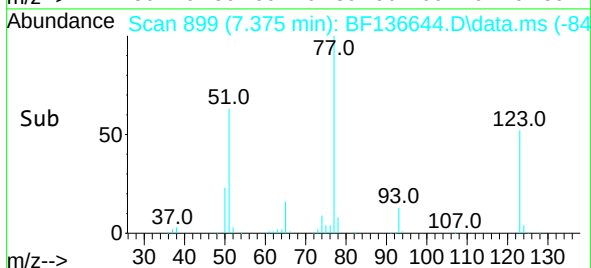
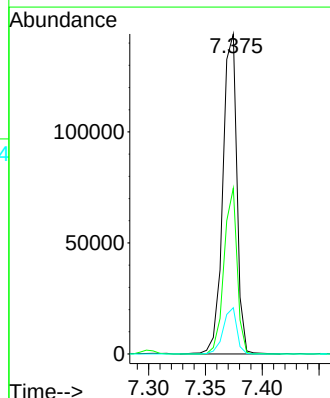
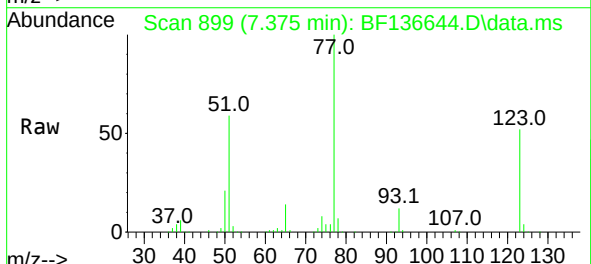
RT: 7.375 min Scan# 899

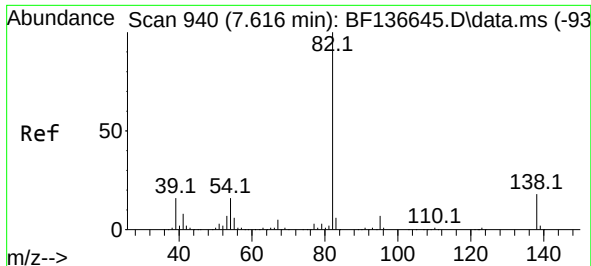
Delta R.T. -0.000 min

Lab File: BF136644.D

Acq: 20 Dec 2023 11:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 124582 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 123      | 51.8  | 36.7  | 55.1   |
| 65       | 14.5  | 11.8  | 17.6   |





#25  
Isophorone  
Concen: 20.576 ng  
RT: 7.610 min Scan# 910  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Instrument :

BNA\_F

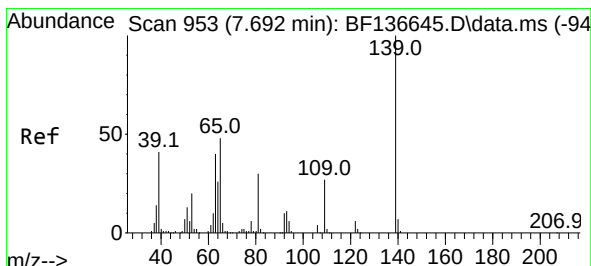
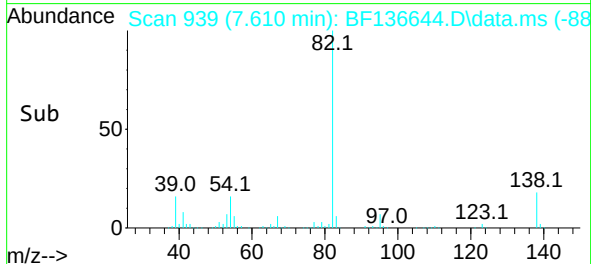
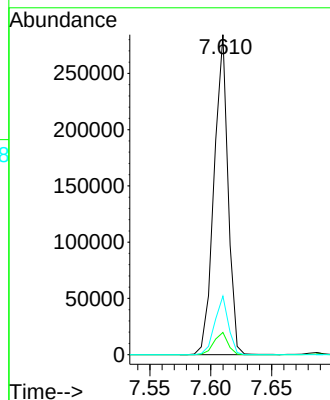
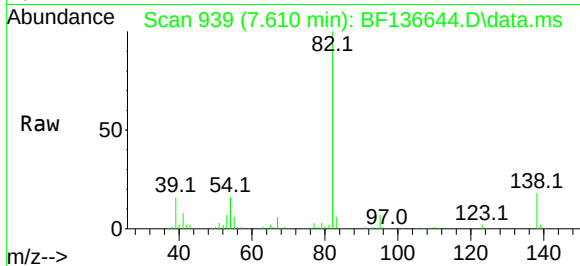
ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 226498  
Ion Ratio Lower Upper  
82 100  
95 7.0 5.5 8.3  
138 18.3 14.5 21.7

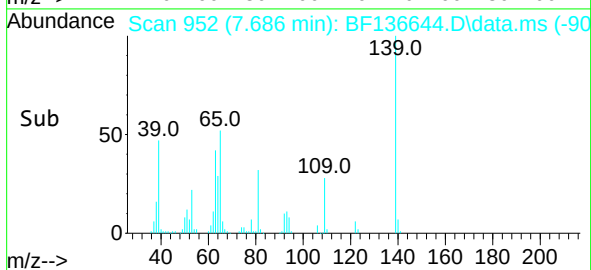
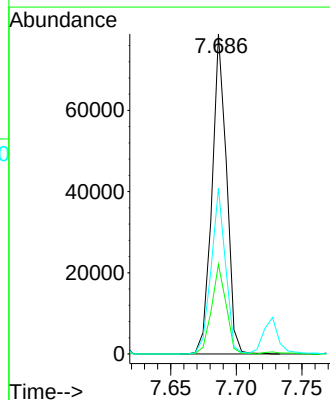
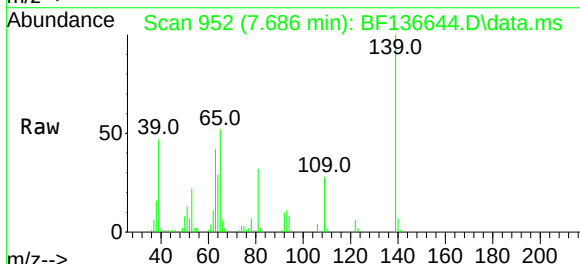
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/21/2023  
Supervised By :mohammad ahmed 12/21/2023

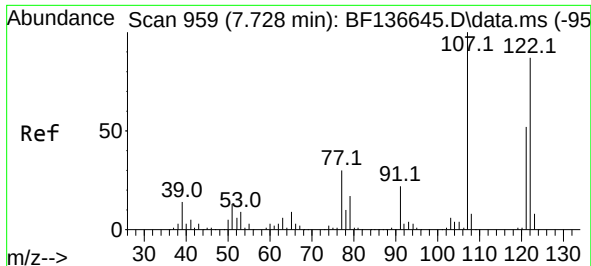


#26  
2-Nitrophenol  
Concen: 20.972 ng  
RT: 7.686 min Scan# 952  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Tgt Ion:139 Resp: 60805  
Ion Ratio Lower Upper  
139 100  
109 28.0 21.9 32.9  
65 51.9 38.6 58.0







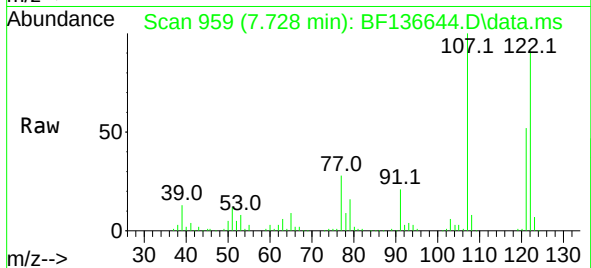
#27  
2,4-Dimethylphenol  
Concen: 21.087 ng  
RT: 7.728 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

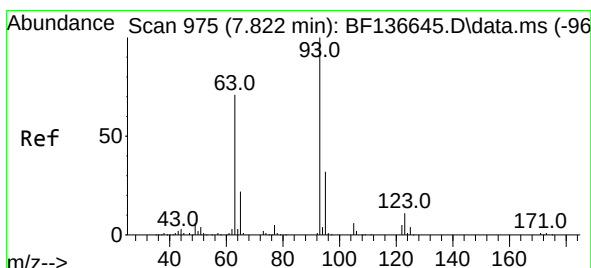
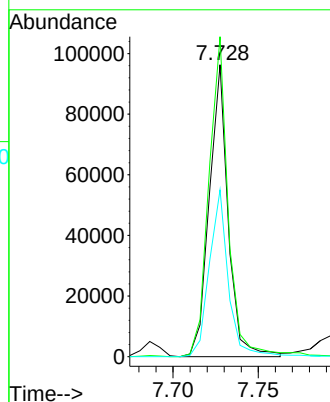
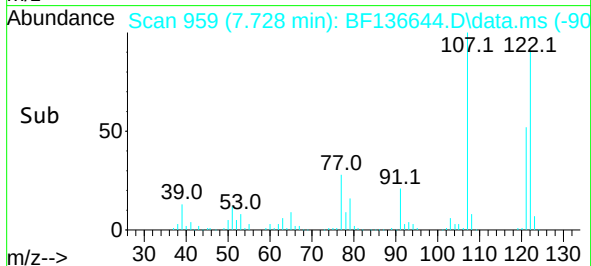


Tgt Ion:122 Resp: 7443  
Ion Ratio Lower Upper  
122 100  
107 109.6 92.0 138.0  
121 57.2 47.5 71.3

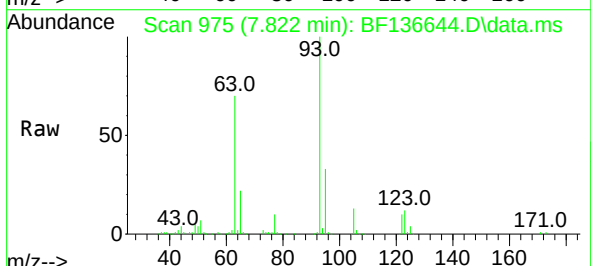
Manual Integrations

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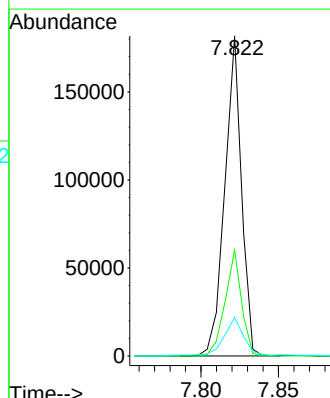
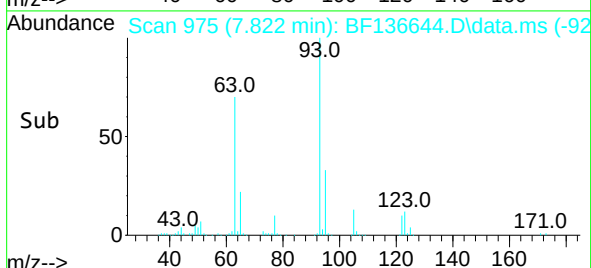
Reviewed By :Yogesh Patel 12/21/2023  
Supervised By :mohammad ahmed 12/21/2023

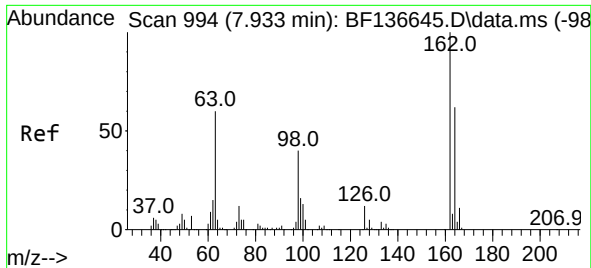


#28  
bis(2-Chloroethoxy)methane  
Concen: 20.383 ng  
RT: 7.822 min Scan# 975  
Delta R.T. -0.000 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38



Tgt Ion: 93 Resp: 136386  
Ion Ratio Lower Upper  
93 100  
95 33.1 25.5 38.3  
123 12.1 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 21.018 ng

RT: 7.933 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF136644.D

Acq: 20 Dec 2023 11:38

Instrument :

BNA\_F

ClientSampleId :

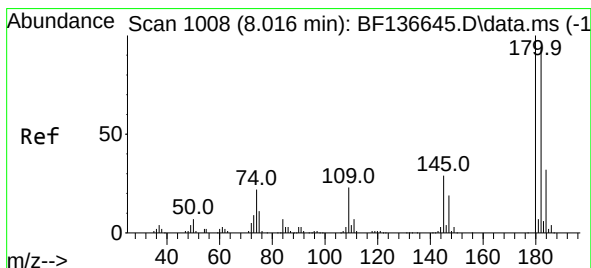
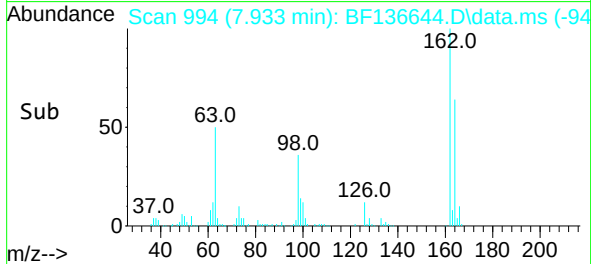
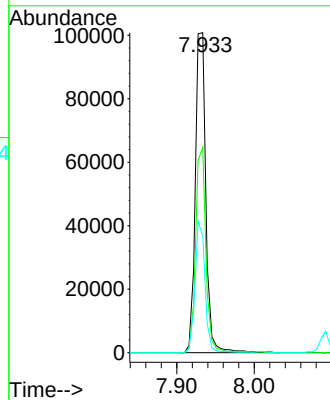
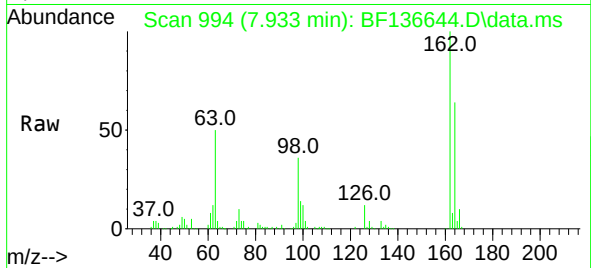
SSTDICC020

Tgt Ion:162 Resp: 95512  
 Ion Ratio Lower Upper  
 162 100  
 164 64.2 41.7 81.7  
 98 36.4 19.5 59.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023  
 Supervised By :mohammad ahmed 12/21/2023



#30

1,2,4-Trichlorobenzene

Concen: 21.125 ng

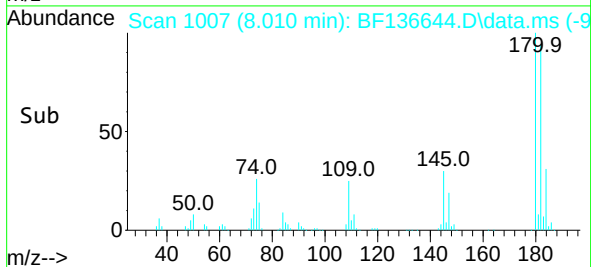
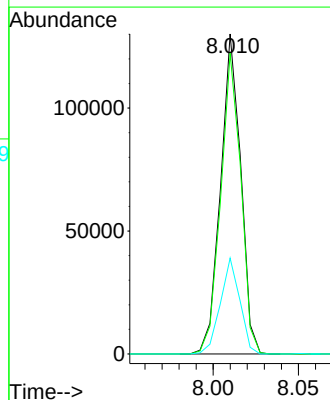
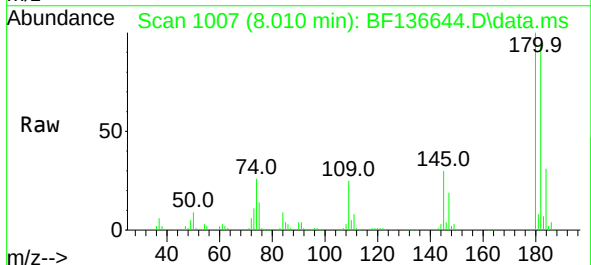
RT: 8.010 min Scan# 1007

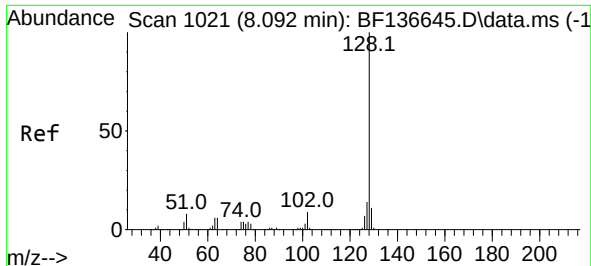
Delta R.T. -0.006 min

Lab File: BF136644.D

Acq: 20 Dec 2023 11:38

Tgt Ion:180 Resp: 106960  
 Ion Ratio Lower Upper  
 180 100  
 182 93.9 75.4 113.0  
 145 29.9 23.1 34.7





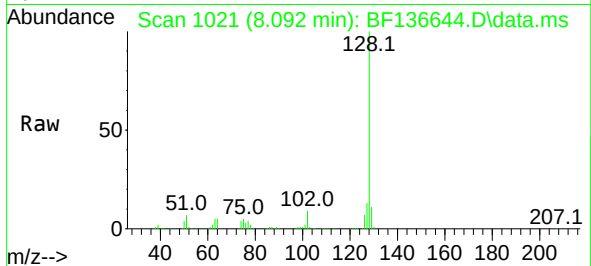
#31  
Naphthalene  
Concen: 20.714 ng  
RT: 8.092 min Scan# 1021  
Delta R.T. -0.000 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Instrument :

BNA\_F

ClientSampleId :

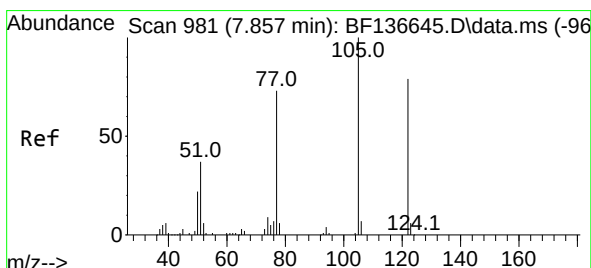
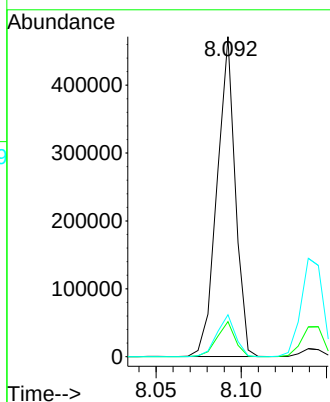
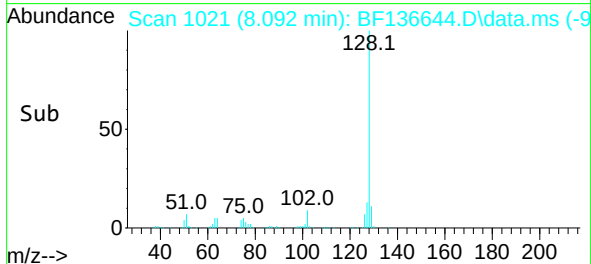
SSTDICC020



Tgt Ion:128 Resp: 352268  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.7 13.1  
127 13.1 10.8 16.2

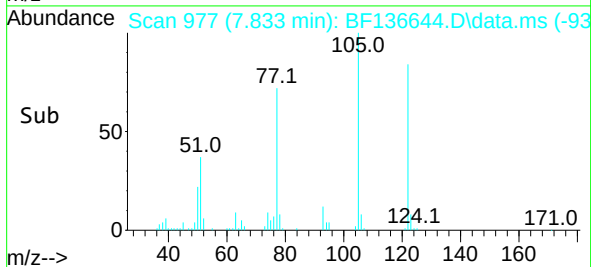
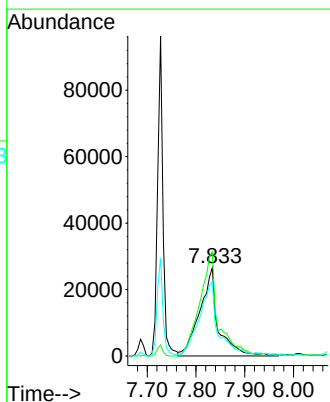
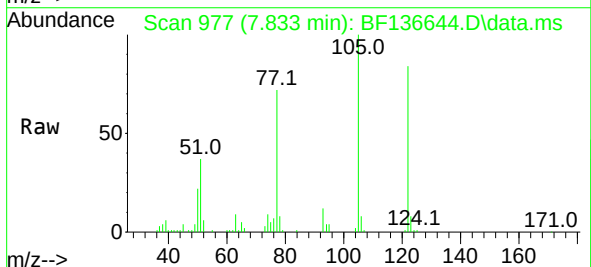
Manual Integrations  
APPROVED

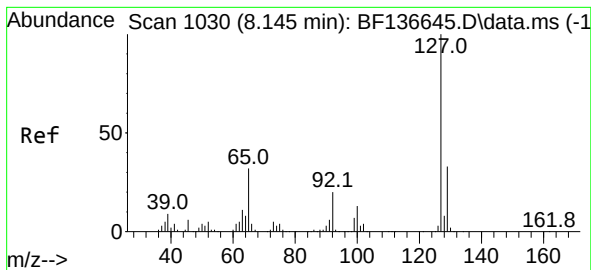
Reviewed By :Yogesh Patel 12/21/2023  
Supervised By :mohammad ahmed 12/21/2023



#32  
Benzoic acid  
Concen: 20.736 ng m  
RT: 7.833 min Scan# 977  
Delta R.T. -0.024 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Tgt Ion:122 Resp: 70290  
Ion Ratio Lower Upper  
122 100  
105 118.5 100.8 140.8  
77 84.8 70.9 110.9





#33  
4-Chloroaniline  
Concen: 21.070 ng  
RT: 8.139 min Scan# 1029  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Instrument :

BNA\_F

ClientSampleId :

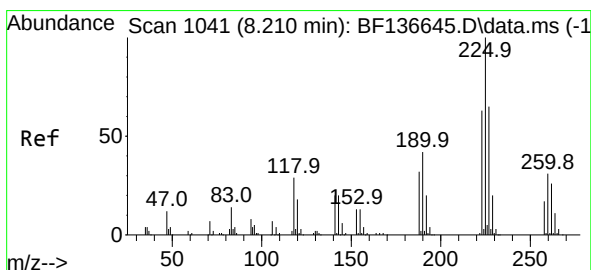
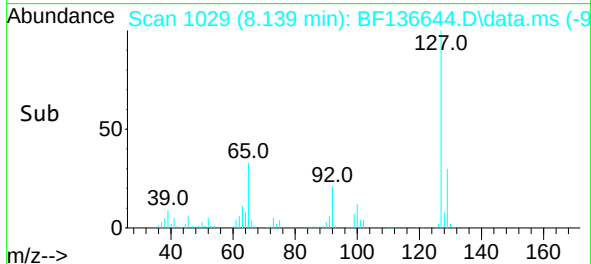
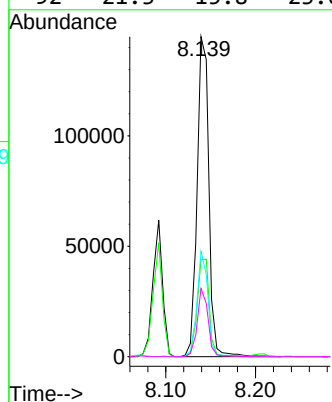
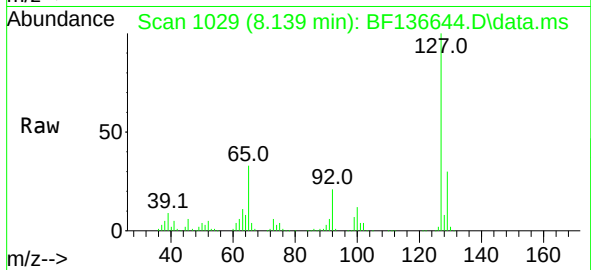
SSTDICC020

Tgt Ion:127 Resp: 13230  
Ion Ratio Lower Upper  
127 100  
129 30.3 26.3 39.5  
65 32.9 25.8 38.8  
92 21.3 15.8 23.6

Manual Integrations

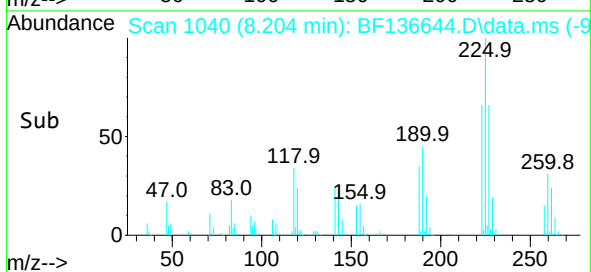
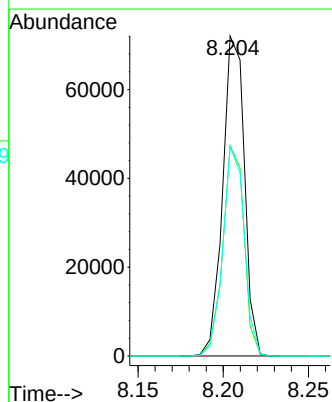
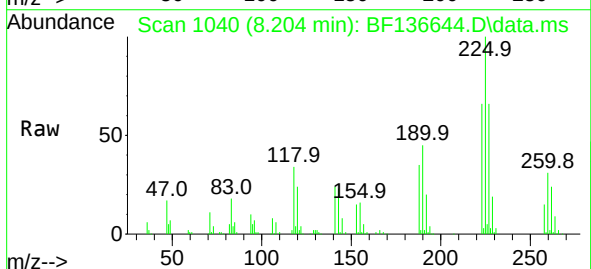
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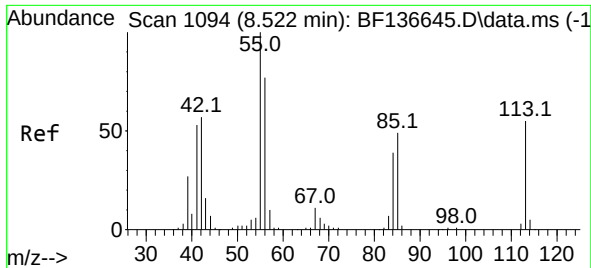
Reviewed By :Yogesh Patel 12/21/2023  
Supervised By :mohammad ahmed 12/21/2023



#34  
Hexachlorobutadiene  
Concen: 20.785 ng  
RT: 8.204 min Scan# 1040  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Tgt Ion:225 Resp: 63939  
Ion Ratio Lower Upper  
225 100  
223 65.7 50.6 76.0  
227 65.5 51.9 77.9





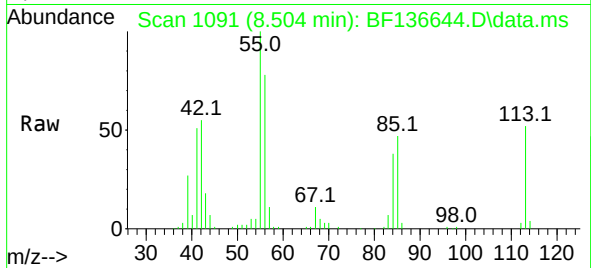
#35  
Caprolactam  
Concen: 19.705 ng m  
RT: 8.504 min Scan# 1091  
Delta R.T. -0.018 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



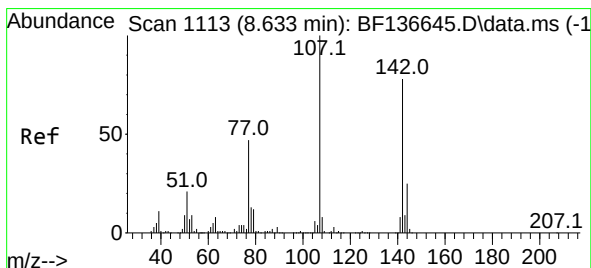
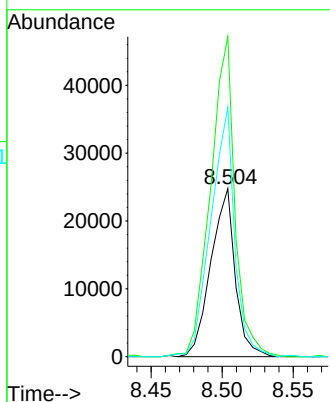
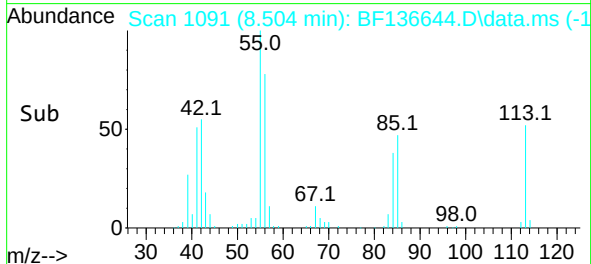
Tgt Ion:113 Resp: 29549  
Ion Ratio Lower Upper  
113 100  
55 190.5 163.1 203.1  
56 148.4 121.7 161.7

Manual Integrations

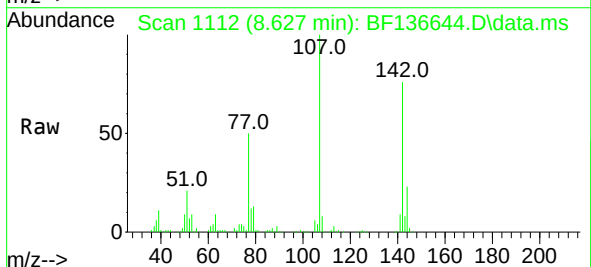
APPROVED

Reviewed By :Yogesh Patel 12/21/2023

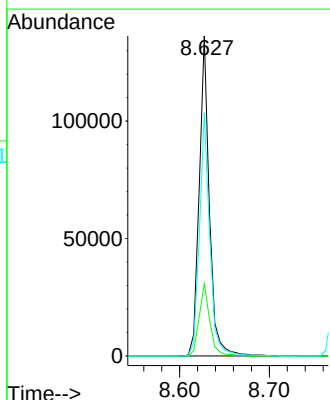
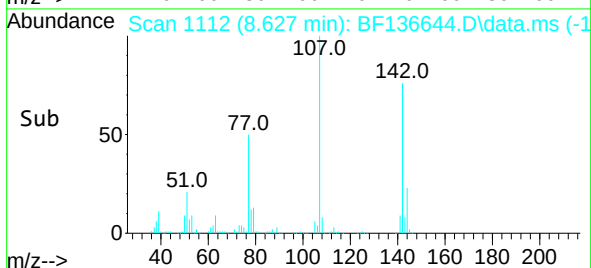
Supervised By :mohammad ahmed 12/21/2023

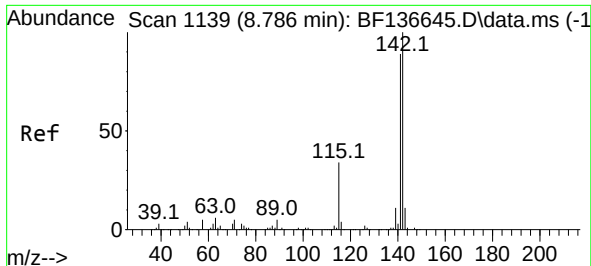


#36  
4-Chloro-3-methylphenol  
Concen: 20.968 ng  
RT: 8.627 min Scan# 1112  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38



Tgt Ion:107 Resp: 107271  
Ion Ratio Lower Upper  
107 100  
144 22.6 20.2 30.2  
142 76.0 62.3 93.5





#37

2-Methylnaphthalene

Concen: 20.939 ng

RT: 8.780 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF136644.D

Acq: 20 Dec 2023 11:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:142 Resp: 22917

Ion Ratio Lower Upper

142 100

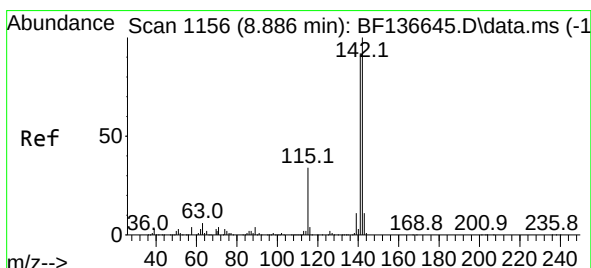
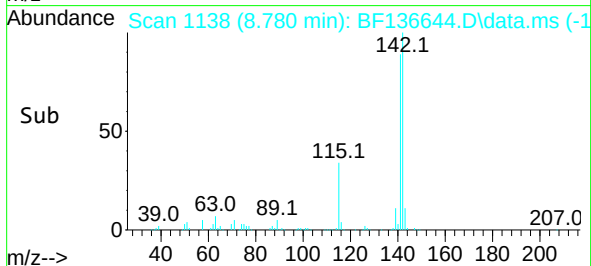
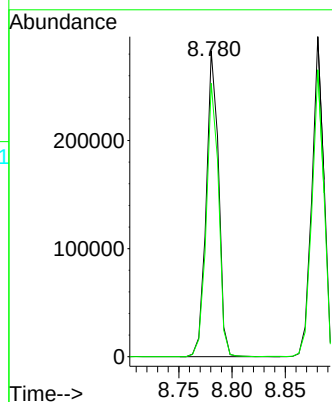
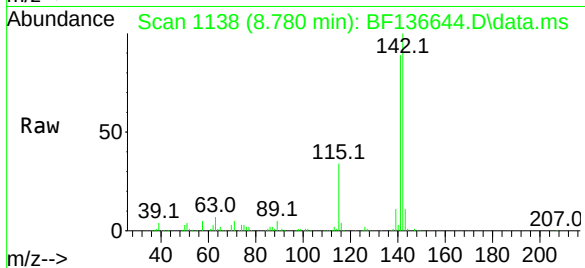
141 89.5 71.1 106.7

Manual Integrations

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Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#38

1-Methylnaphthalene

Concen: 21.302 ng

RT: 8.880 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF136644.D

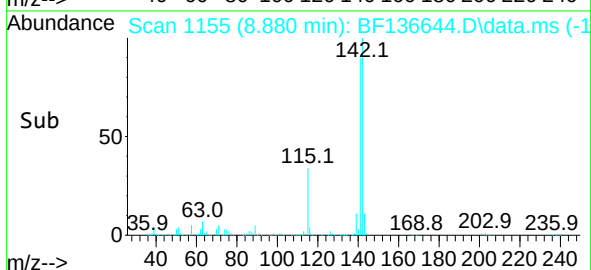
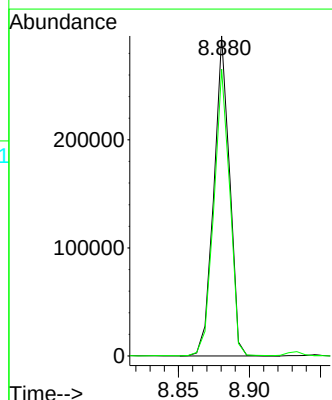
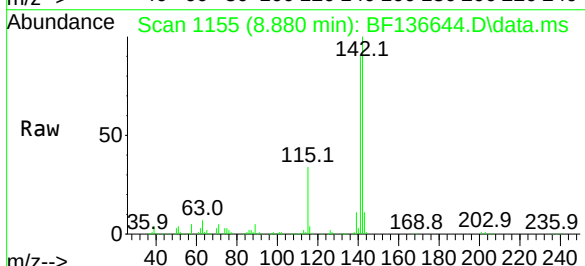
Acq: 20 Dec 2023 11:38

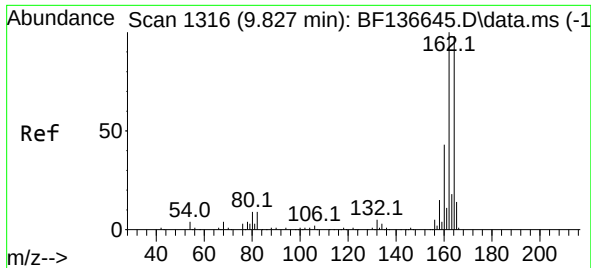
Tgt Ion:142 Resp: 228730

Ion Ratio Lower Upper

142 100

141 89.7 73.6 110.4





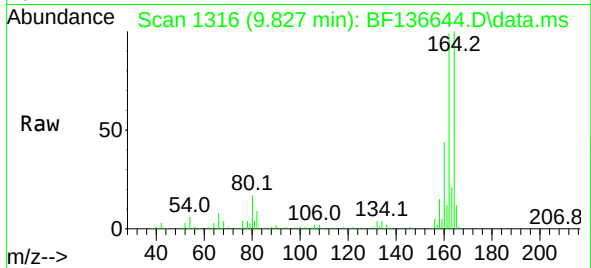
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.827 min Scan# 1166  
Delta R.T. -0.000 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

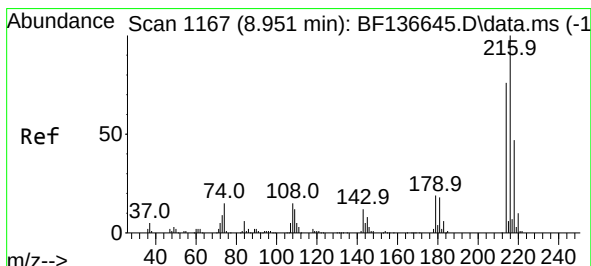
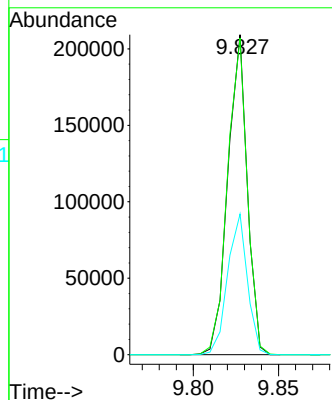
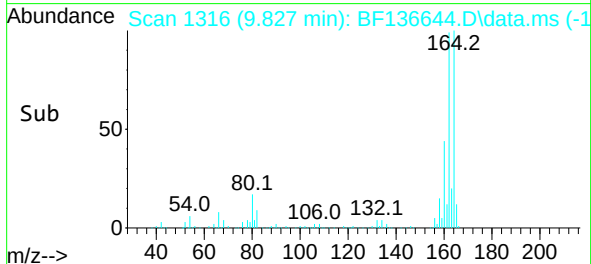


Tgt Ion:164 Resp: 16558  
Ion Ratio Lower Upper  
164 100  
162 98.9 81.6 122.4  
160 43.9 34.9 52.3

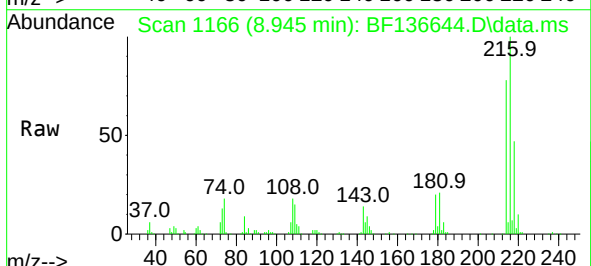
Manual Integrations

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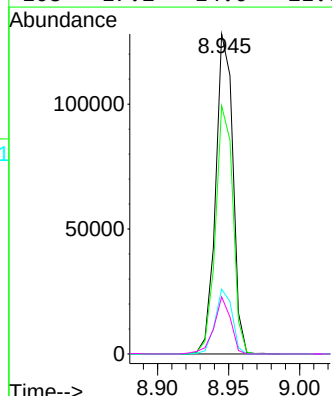
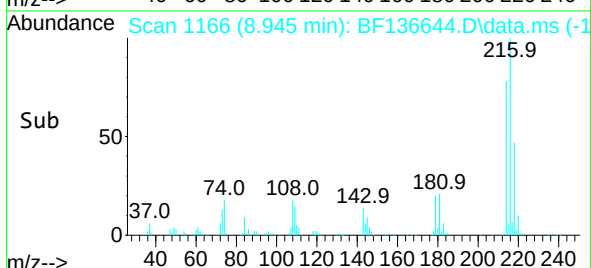
Reviewed By :Yogesh Patel 12/21/2023  
Supervised By :mohammad ahmed 12/21/2023

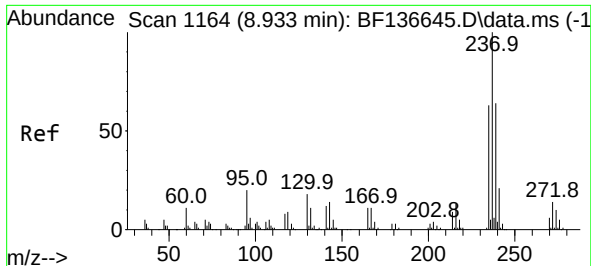


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 21.070 ng  
RT: 8.945 min Scan# 1166  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38



Tgt Ion:216 Resp: 108049  
Ion Ratio Lower Upper  
216 100  
214 77.9 62.3 93.5  
179 20.0 16.4 24.6  
108 17.2 14.0 21.0





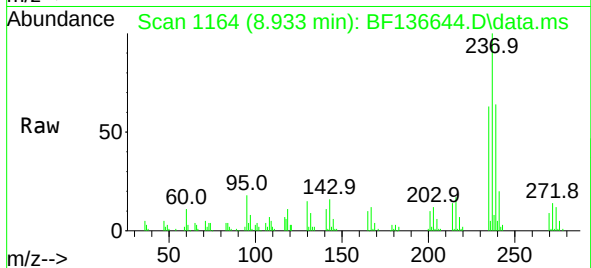
#41  
Hexachlorocyclopentadiene  
Concen: 20.027 ng  
RT: 8.933 min Scan# 1164  
Delta R.T. -0.000 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

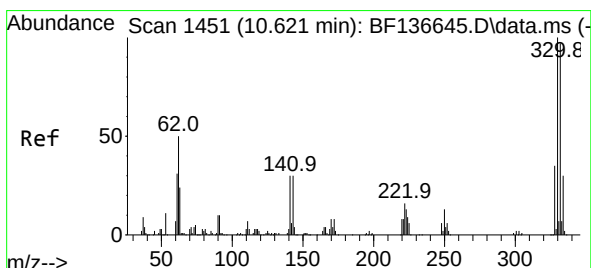
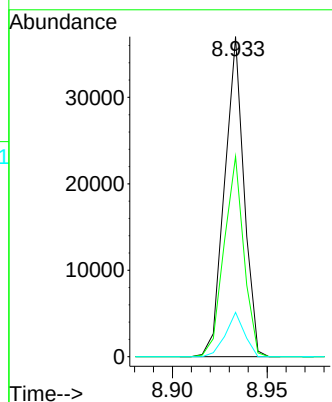
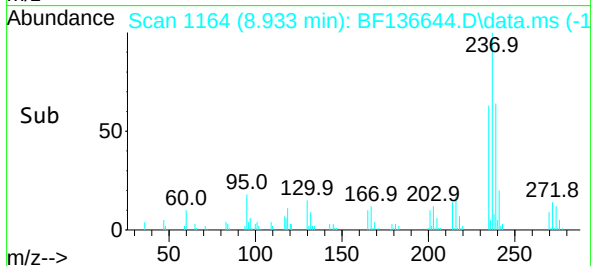


Tgt Ion:237 Resp: 26349  
Ion Ratio Lower Upper  
237 100  
235 62.6 43.2 83.2  
272 13.9 0.0 34.2

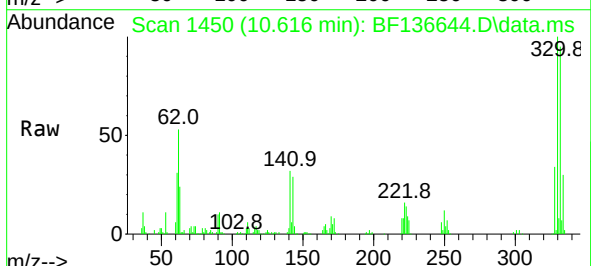
Manual Integrations

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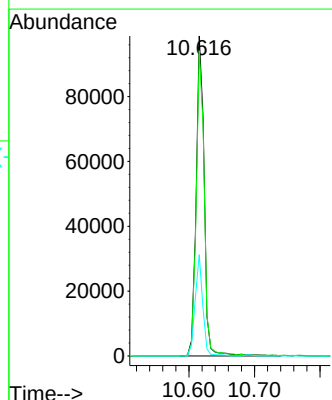
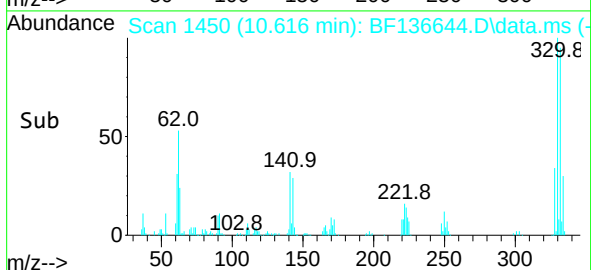
Reviewed By :Yogesh Patel 12/21/2023  
Supervised By :mohammad ahmed 12/21/2023



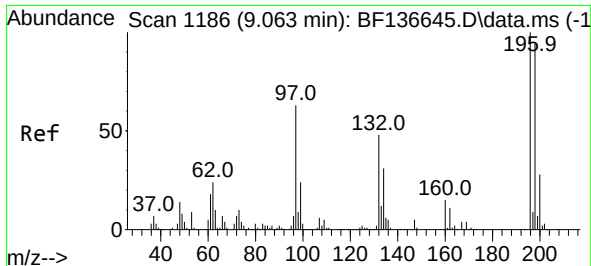
#42  
2,4,6-Tribromophenol  
Concen: 43.007 ng  
RT: 10.616 min Scan# 1450  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38



Tgt Ion:330 Resp: 83867  
Ion Ratio Lower Upper  
330 100  
332 95.6 77.4 116.0  
141 30.1 23.4 35.2

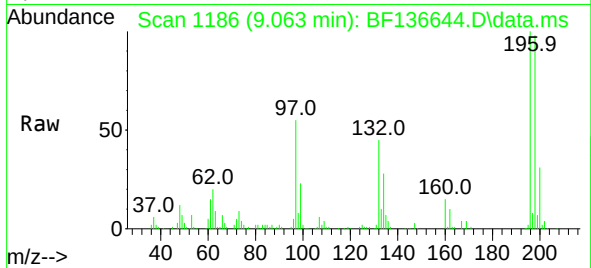






#43  
2,4,6-Trichlorophenol  
Concen: 20.828 ng  
RT: 9.063 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

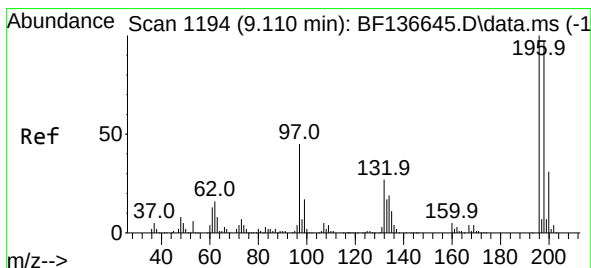
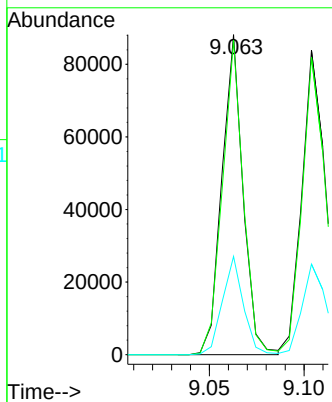
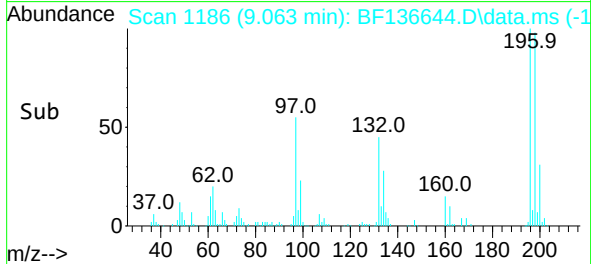
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



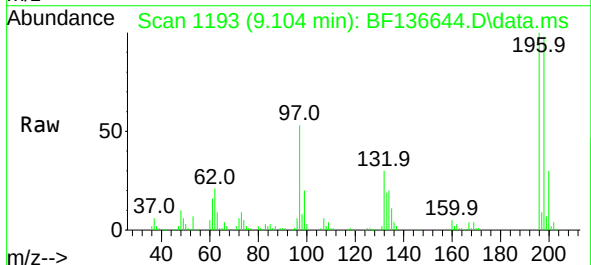
Tgt Ion:196 Resp: 68498  
Ion Ratio Lower Upper  
196 100  
198 98.3 75.1 112.7  
200 30.7 22.5 33.7

Manual Integrations  
APPROVED

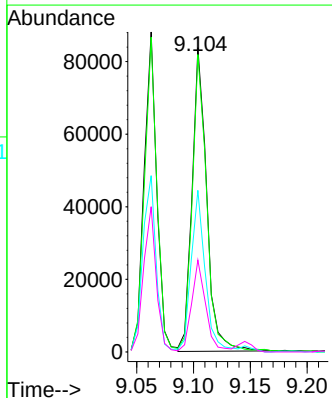
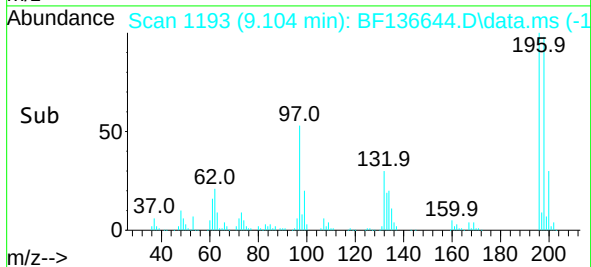
Reviewed By :Yogesh Patel 12/21/2023  
Supervised By :mohammad ahmed 12/21/2023

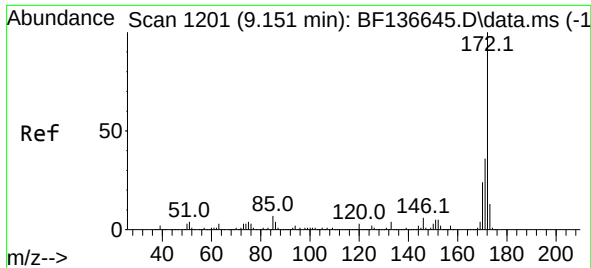


#44  
2,4,5-Trichlorophenol  
Concen: 20.513 ng  
RT: 9.104 min Scan# 1193  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38



Tgt Ion:196 Resp: 75175  
Ion Ratio Lower Upper  
196 100  
198 97.7 77.0 115.6  
97 53.1 36.1 54.1  
132 30.2 21.8 32.6





#45  
2-Fluorobiphenyl  
Concen: 42.695 ng  
RT: 9.145 min Scan# 1200  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Instrument :

BNA\_F

ClientSampleId :

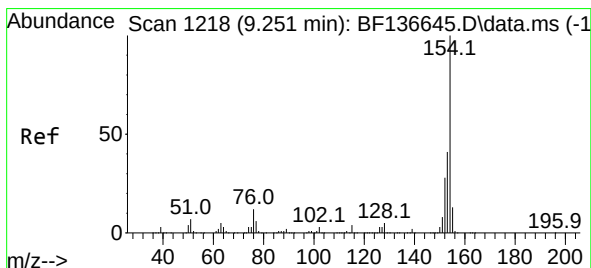
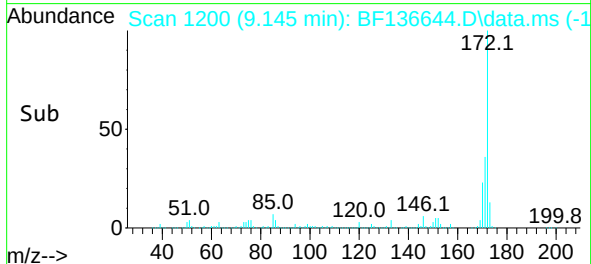
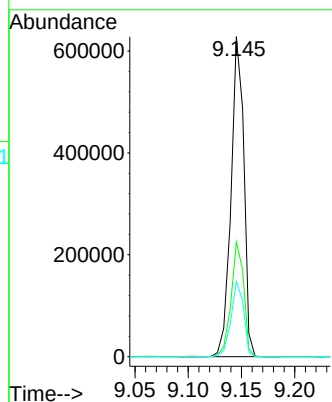
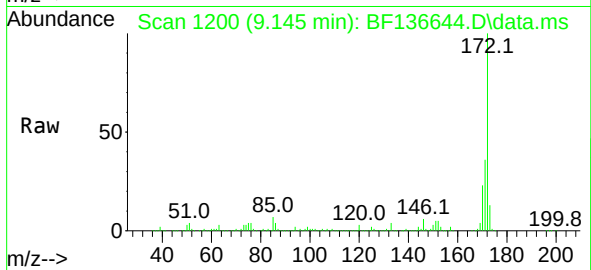
SSTDICC020

Tgt Ion:172 Resp: 52561  
Ion Ratio Lower Upper  
172 100  
171 35.8 29.0 43.6  
170 23.5 19.0 28.4

Manual Integrations

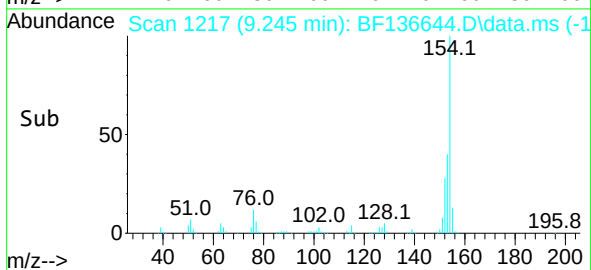
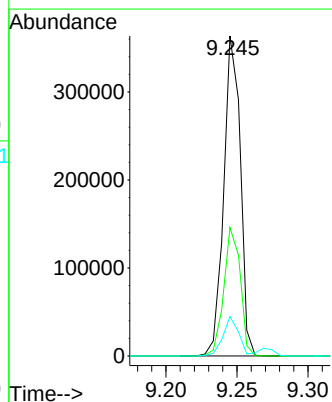
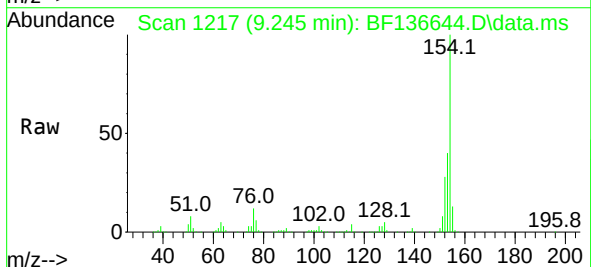
APPROVED

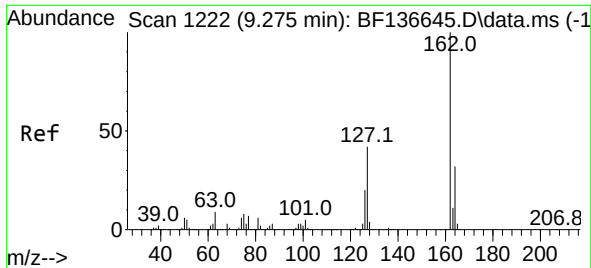
Reviewed By :Yogesh Patel 12/21/2023  
Supervised By :mohammad ahmed 12/21/2023



#46  
1,1'-Biphenyl  
Concen: 21.177 ng  
RT: 9.245 min Scan# 1217  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Tgt Ion:154 Resp: 294249  
Ion Ratio Lower Upper  
154 100  
153 40.1 21.1 61.1  
76 12.3 0.0 31.7





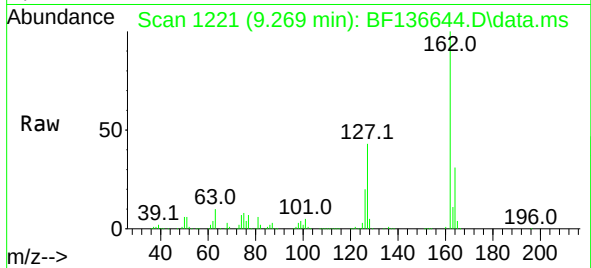
#47  
2-Chloronaphthalene  
Concen: 20.861 ng  
RT: 9.269 min Scan# 1222  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

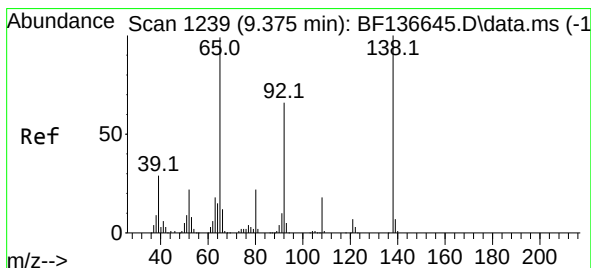
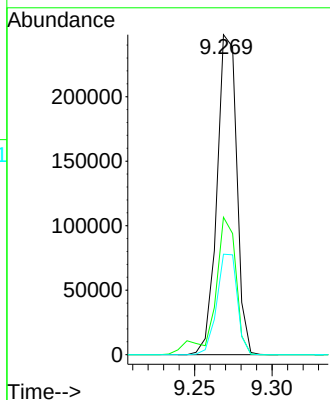
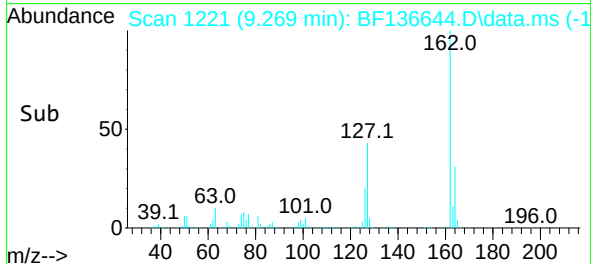


Tgt Ion:162 Resp: 220350  
Ion Ratio Lower Upper  
162 100  
127 42.9 33.6 50.4  
164 31.4 25.7 38.5

Manual Integrations

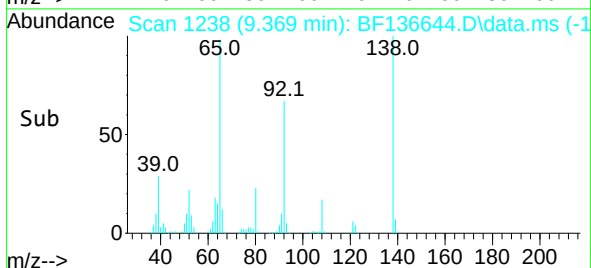
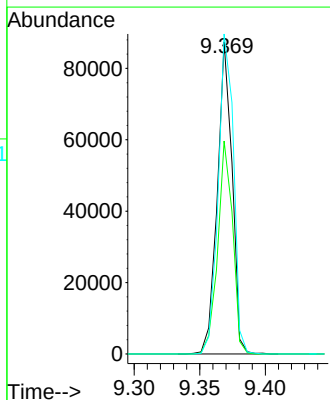
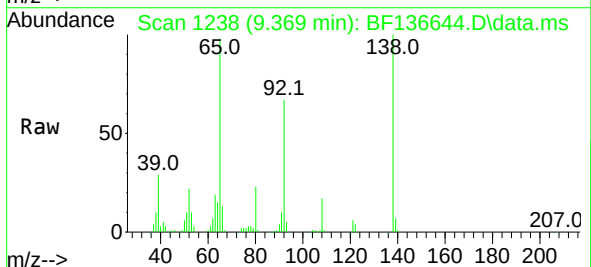
APPROVED

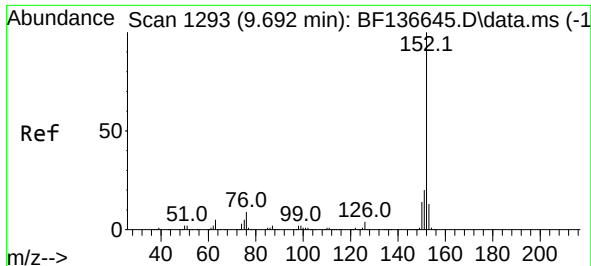
Reviewed By :Yogesh Patel 12/21/2023  
Supervised By :mohammad ahmed 12/21/2023



#48  
2-Nitroaniline  
Concen: 20.654 ng  
RT: 9.369 min Scan# 1238  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

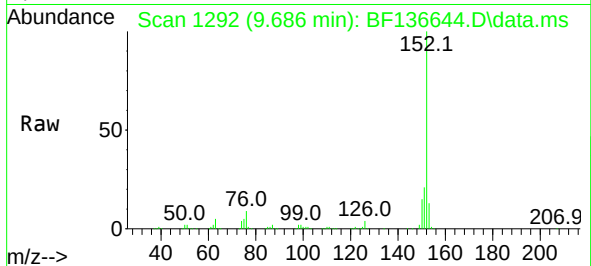
Tgt Ion: 65 Resp: 68318  
Ion Ratio Lower Upper  
65 100  
92 68.2 53.2 79.8  
138 102.5 81.1 121.7





#49  
Acenaphthylene  
Concen: 21.212 ng  
RT: 9.686 min Scan# 1293  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

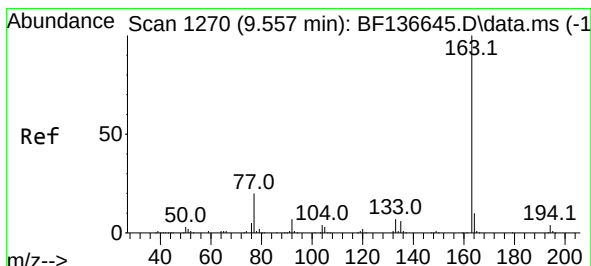
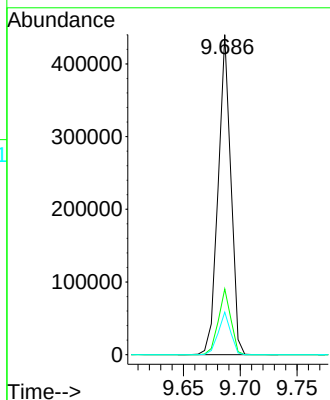
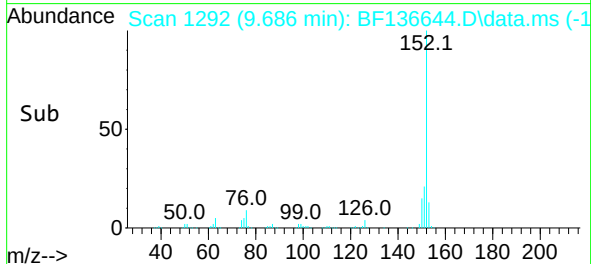
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



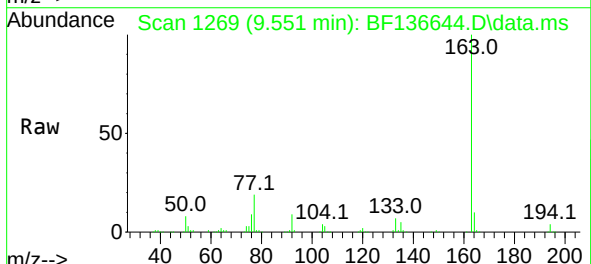
Tgt Ion:152 Resp: 342479  
Ion Ratio Lower Upper  
152 100  
151 20.5 16.2 24.4  
153 13.3 10.2 15.2

Manual Integrations  
APPROVED

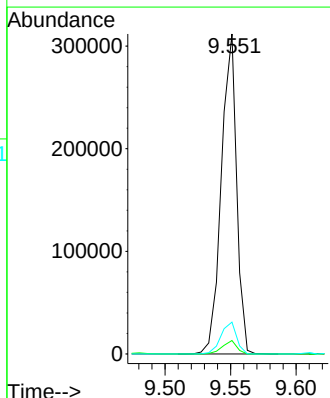
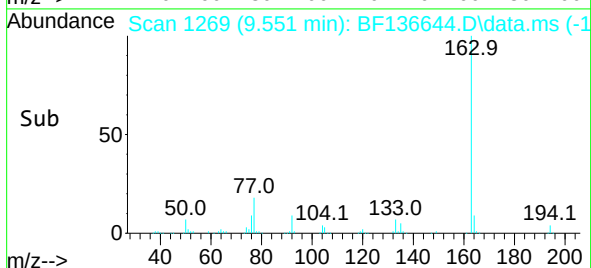
Reviewed By :Yogesh Patel 12/21/2023  
Supervised By :mohammad ahmed 12/21/2023

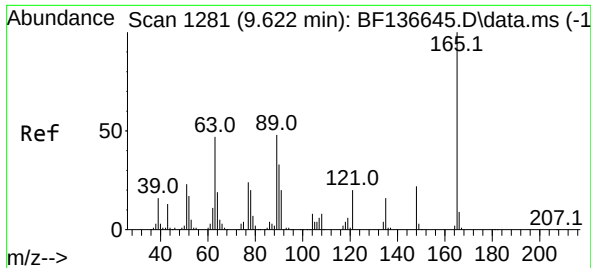


#50  
Dimethylphthalate  
Concen: 20.839 ng  
RT: 9.551 min Scan# 1269  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38



Tgt Ion:163 Resp: 252040  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.3 4.9  
164 9.9 7.8 11.6





#51  
2,6-Dinitrotoluene  
Concen: 21.261 ng  
RT: 9.616 min Scan# 1280  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Instrument :

BNA\_F

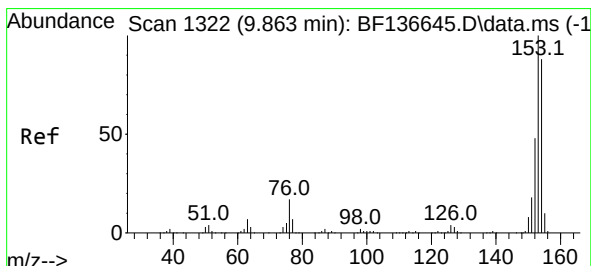
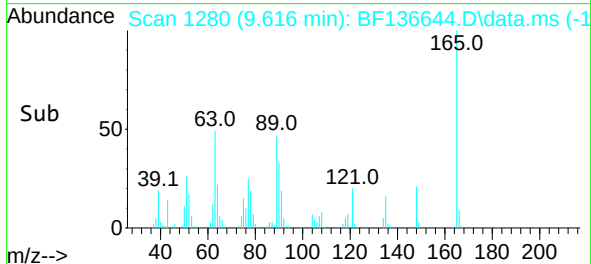
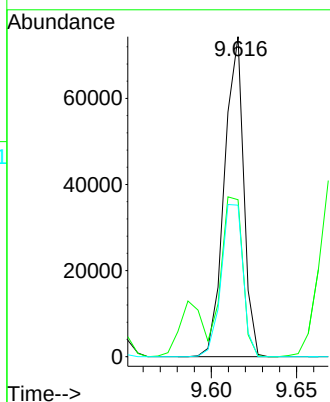
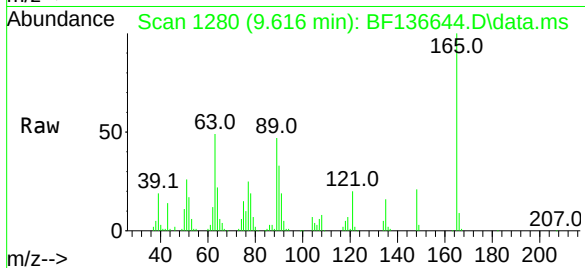
ClientSampleId :

SSTDICC020

Tgt Ion:165 Resp: 58359  
Ion Ratio Lower Upper  
165 100  
63 49.1 39.8 59.6  
89 47.4 38.8 58.2

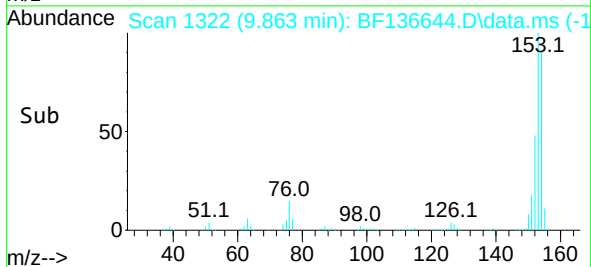
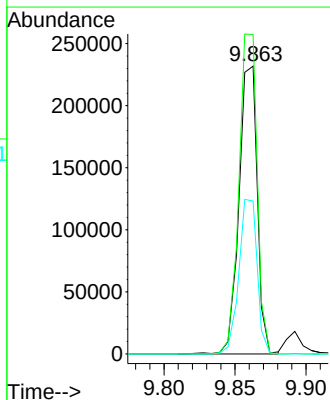
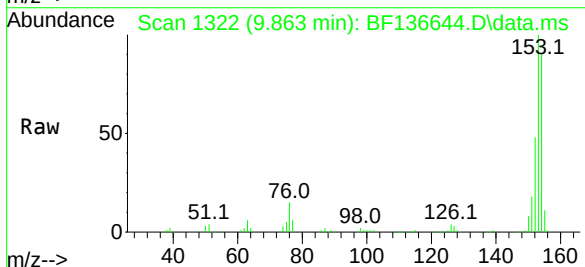
Manual Integrations  
APPROVED

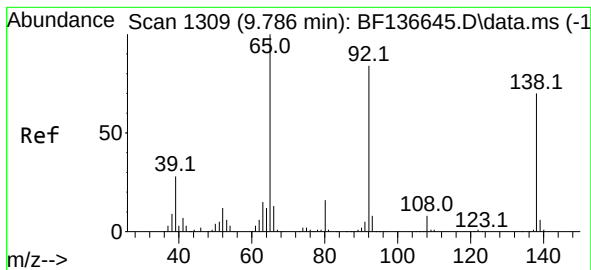
Reviewed By :Yogesh Patel 12/21/2023  
Supervised By :mohammad ahmed 12/21/2023



#52  
Acenaphthene  
Concen: 20.836 ng  
RT: 9.863 min Scan# 1322  
Delta R.T. -0.000 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Tgt Ion:154 Resp: 208538  
Ion Ratio Lower Upper  
154 100  
153 111.0 90.7 136.1  
152 53.1 43.7 65.5





#53  
3-Nitroaniline  
Concen: 21.151 ng  
RT: 9.780 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Instrument :

BNA\_F

ClientSampleId :

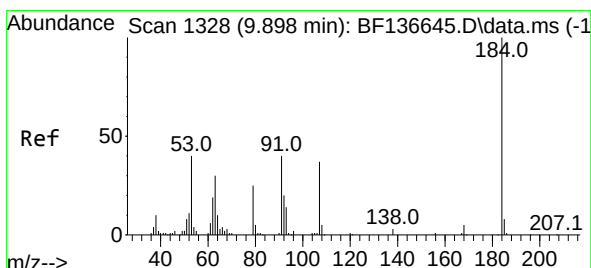
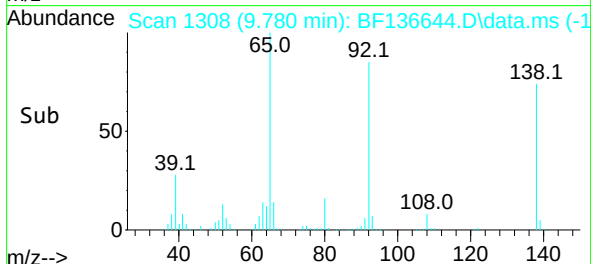
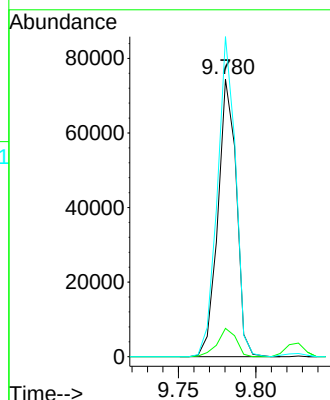
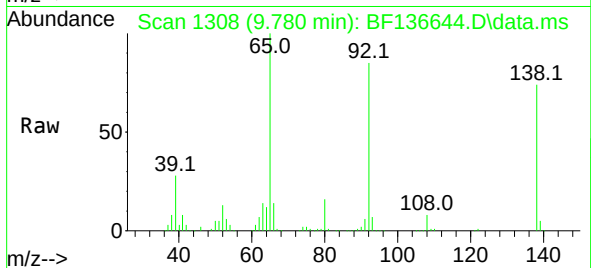
SSTDICC020

Tgt Ion:138 Resp: 6150  
Ion Ratio Lower Upper  
138 100  
108 10.2 8.6 12.8  
92 115.4 95.2 142.8

Manual Integrations

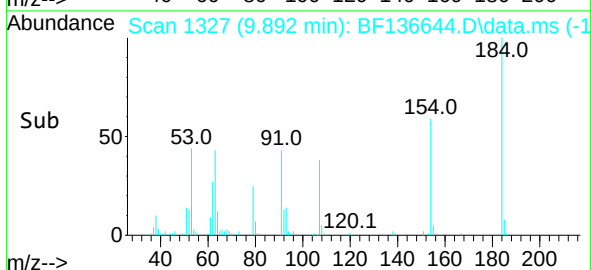
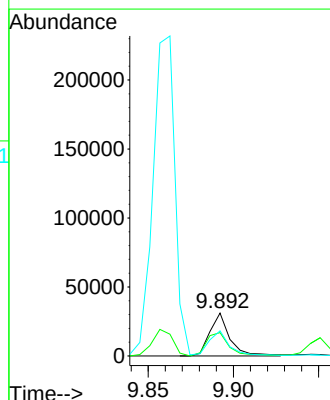
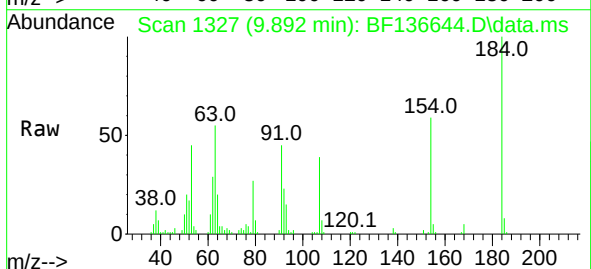
APPROVED

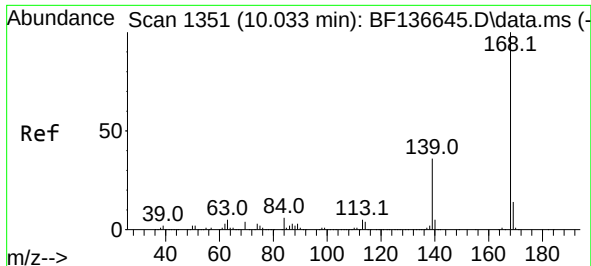
Reviewed By :Yogesh Patel 12/21/2023  
Supervised By :mohammad ahmed 12/21/2023



#54  
2,4-Dinitrophenol  
Concen: 19.645 ng  
RT: 9.892 min Scan# 1327  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Tgt Ion:184 Resp: 25389  
Ion Ratio Lower Upper  
184 100  
63 54.6 40.9 61.3  
154 58.5 42.7 64.1





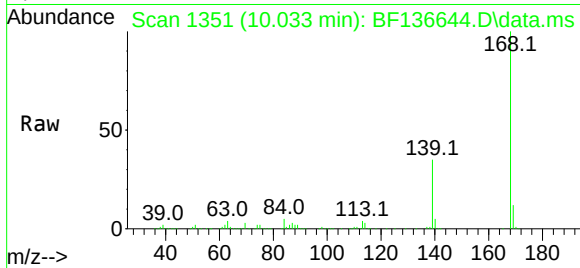
#55  
Dibenzofuran  
Concen: 21.401 ng  
RT: 10.033 min Scan# 1351  
Delta R.T. -0.000 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Instrument :

BNA\_F

ClientSampleId :

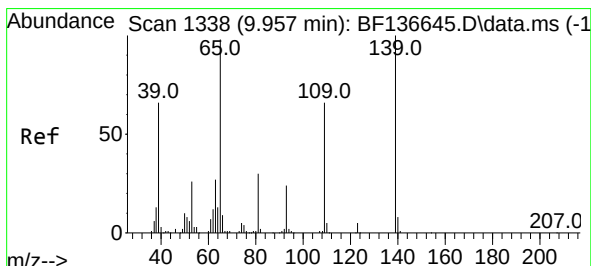
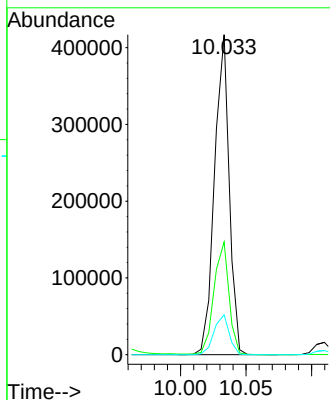
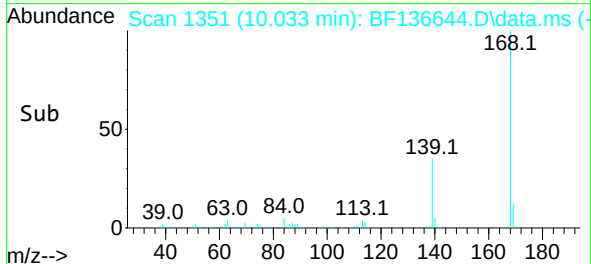
SSTDICC020



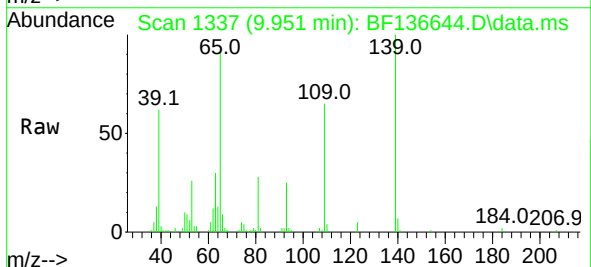
Tgt Ion:168 Resp: 32468  
Ion Ratio Lower Upper  
168 100  
139 35.2 29.3 43.9  
169 12.4 11.0 16.4

Manual Integrations  
APPROVED

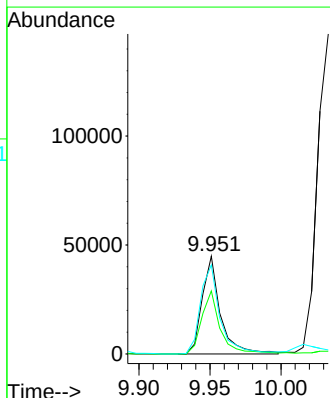
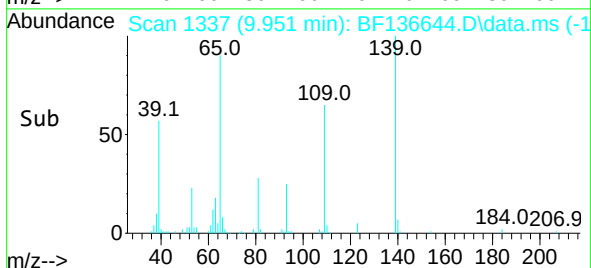
Reviewed By :Yogesh Patel 12/21/2023  
Supervised By :mohammad ahmed 12/21/2023

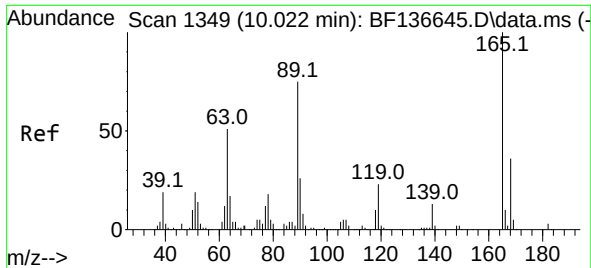


#56  
4-Nitrophenol  
Concen: 20.562 ng  
RT: 9.951 min Scan# 1337  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38



Tgt Ion:139 Resp: 40361  
Ion Ratio Lower Upper  
139 100  
109 64.6 45.8 85.8  
65 91.1 77.8 117.8





#57  
2,4-Dinitrotoluene  
Concen: 21.674 ng  
RT: 10.016 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Instrument :

BNA\_F

ClientSampleId :

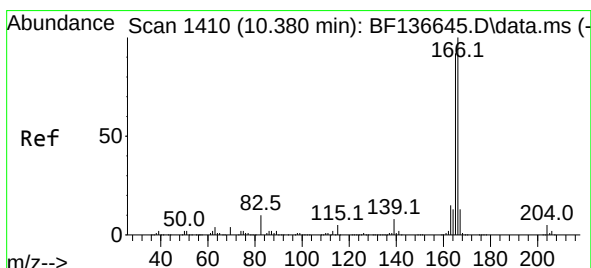
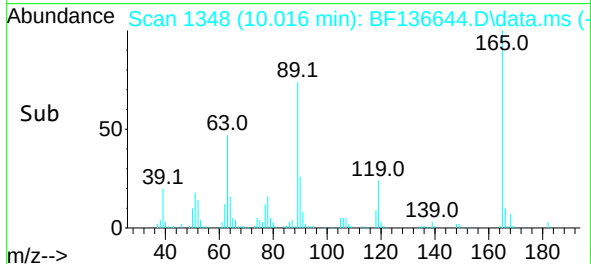
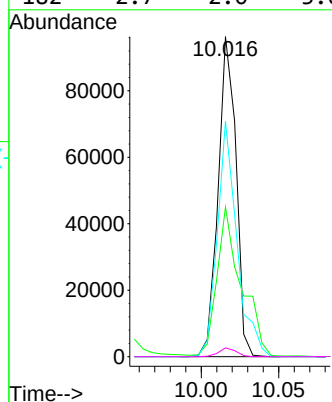
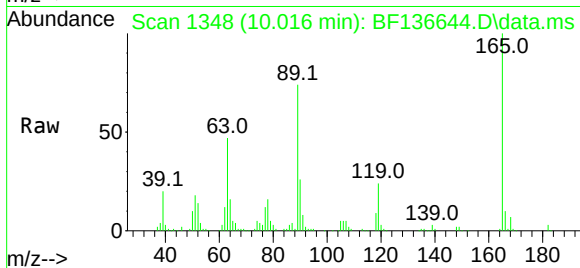
SSTDICC020

Tgt Ion:165 Resp: 7723  
Ion Ratio Lower Upper  
165 100  
63 46.8 41.0 61.6  
89 73.6 59.9 89.9  
182 2.7 2.0 3.0

Manual Integrations

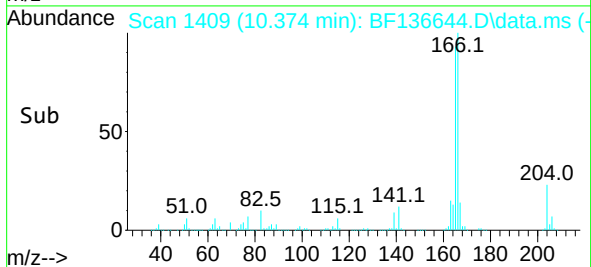
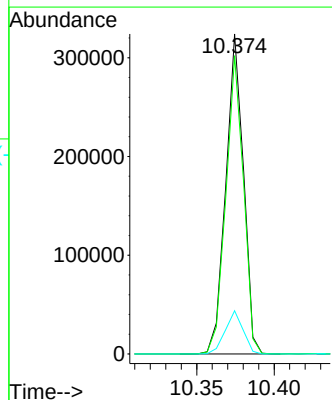
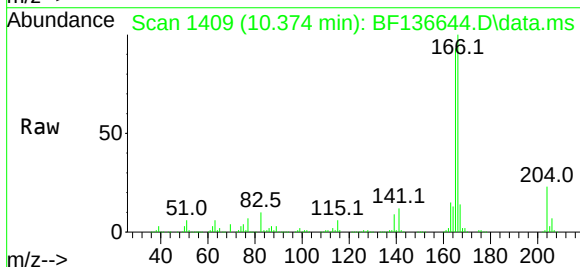
APPROVED

Reviewed By :Yogesh Patel 12/21/2023  
Supervised By :mohammad ahmed 12/21/2023

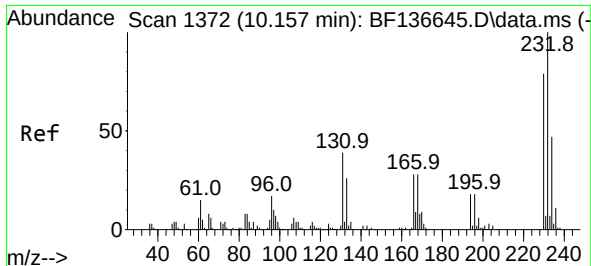


#58  
Fluorene  
Concen: 21.296 ng  
RT: 10.374 min Scan# 1409  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Tgt Ion:166 Resp: 256358  
Ion Ratio Lower Upper  
166 100  
165 93.2 73.7 110.5  
167 13.5 10.4 15.6

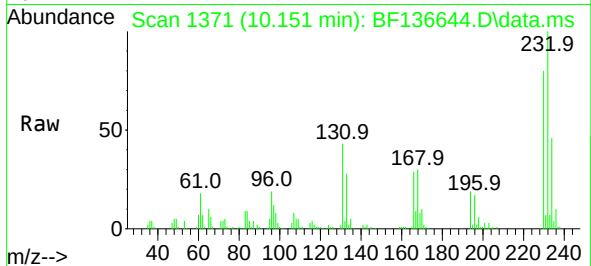






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 21.867 ng  
RT: 10.151 min Scan# 1371  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

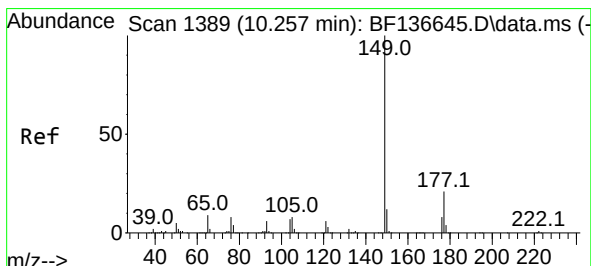
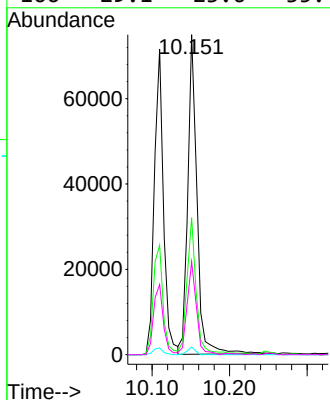
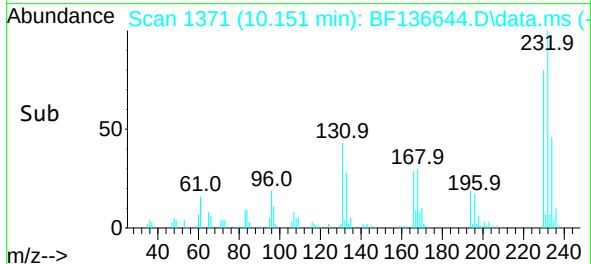
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:232 Resp: 6212  
Ion Ratio Lower Upper  
232 100  
131 42.8 35.1 52.7  
130 2.0 1.6 2.4  
166 29.1 23.6 35.4

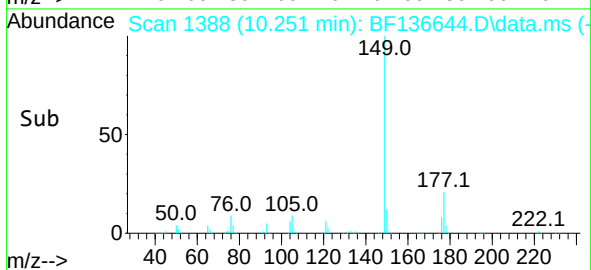
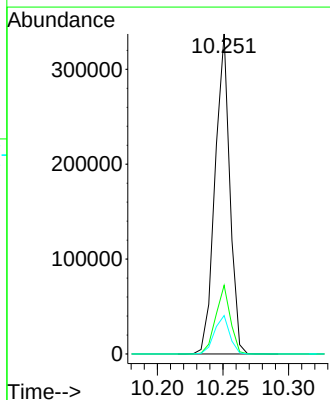
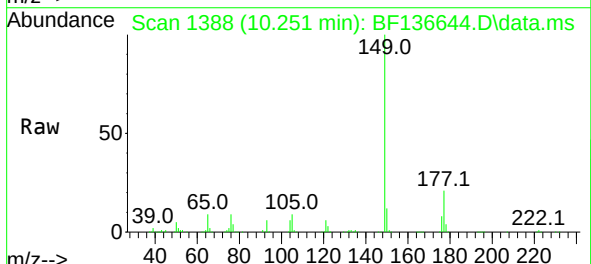
Manual Integrations  
APPROVED

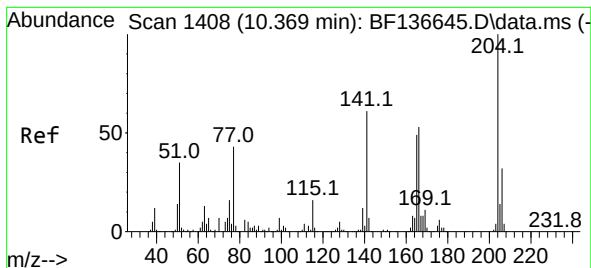
Reviewed By :Yogesh Patel 12/21/2023  
Supervised By :mohammad ahmed 12/21/2023



#60  
Diethylphthalate  
Concen: 20.982 ng  
RT: 10.251 min Scan# 1388  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Tgt Ion:149 Resp: 263305  
Ion Ratio Lower Upper  
149 100  
177 21.5 16.9 25.3  
150 12.0 9.3 13.9





#61  
4-Chlorophenyl-phenylether  
Concen: 21.271 ng  
RT: 10.369 min Scan# 1408  
Delta R.T. -0.000 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Instrument :

BNA\_F

ClientSampleId :

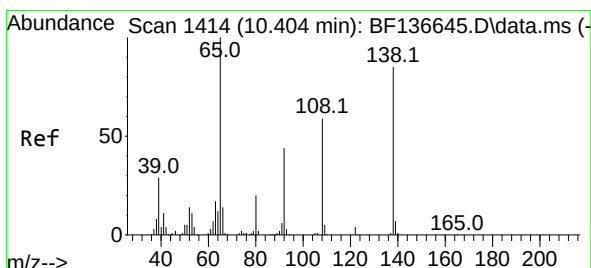
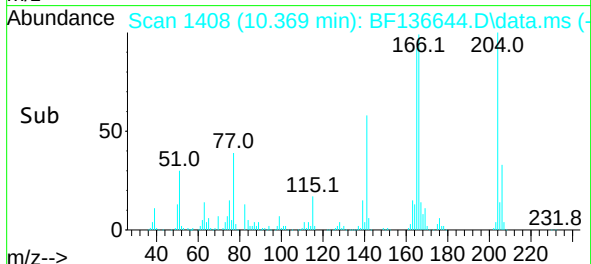
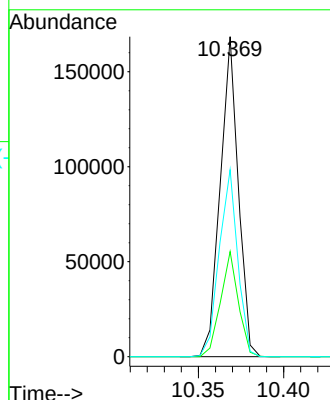
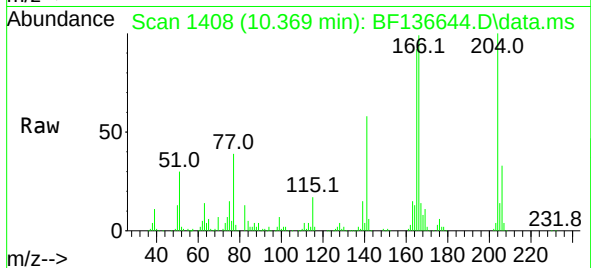
SSTDICC020

Tgt Ion:204 Resp: 124458  
Ion Ratio Lower Upper  
204 100  
206 32.8 25.6 38.4  
141 58.4 48.4 72.6

Manual Integrations

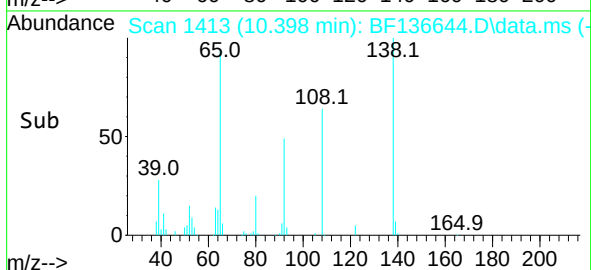
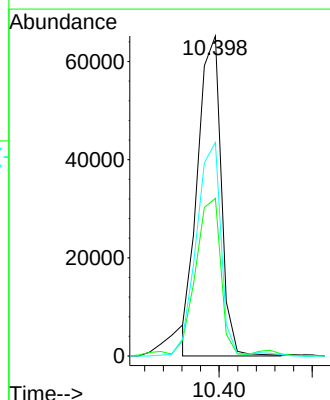
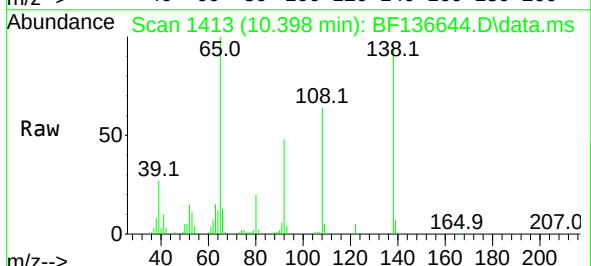
APPROVED

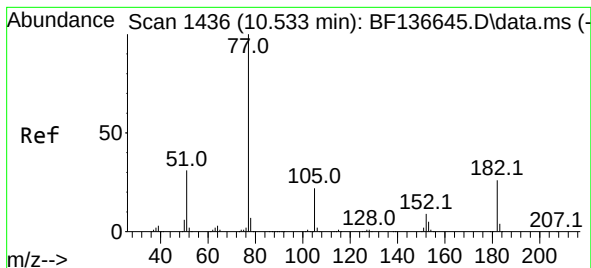
Reviewed By :Yogesh Patel 12/21/2023  
Supervised By :mohammad ahmed 12/21/2023



#62  
4-Nitroaniline  
Concen: 19.927 ng m  
RT: 10.398 min Scan# 1413  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Tgt Ion:138 Resp: 57237  
Ion Ratio Lower Upper  
138 100  
92 49.3 32.1 72.1  
108 66.7 50.1 90.1





#63

Azobenzene

Concen: 21.343 ng

RT: 10.527 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF136644.D

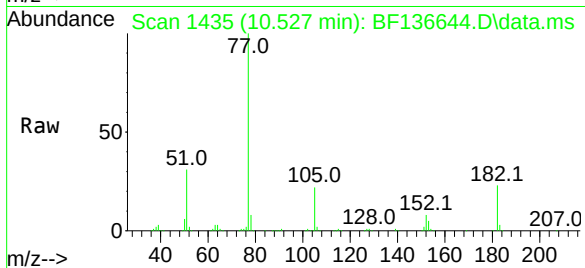
Acq: 20 Dec 2023 11:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



Tgt Ion: 77 Resp: 25015

Ion Ratio Lower Upper

77 100

182 23.1 6.0 46.0

105 21.6 2.3 42.3

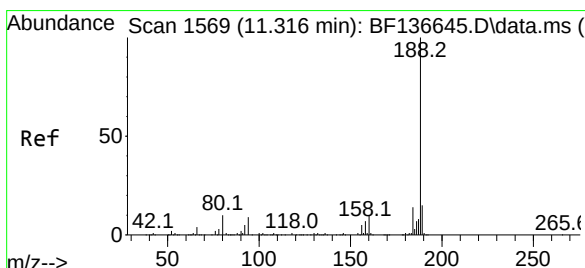
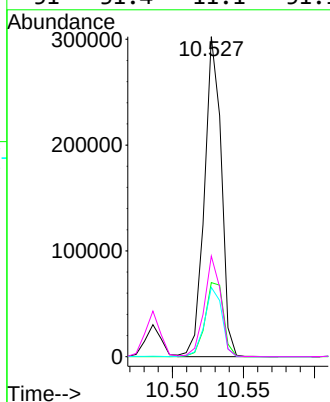
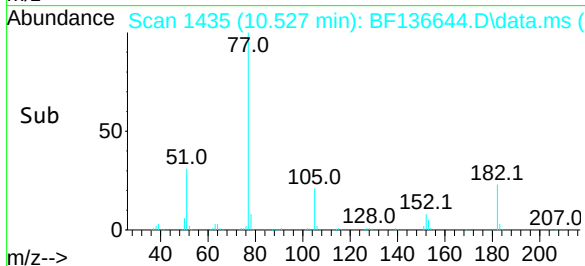
51 31.4 11.1 51.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.000 min

Lab File: BF136644.D

Acq: 20 Dec 2023 11:38

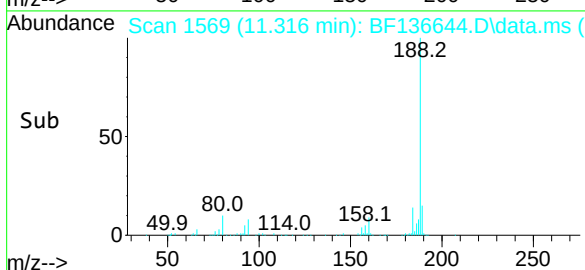
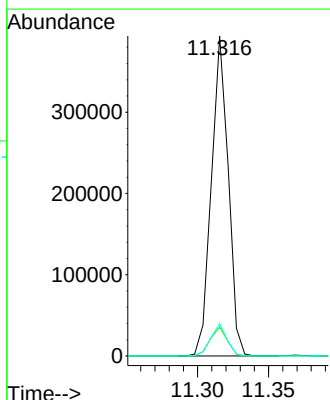
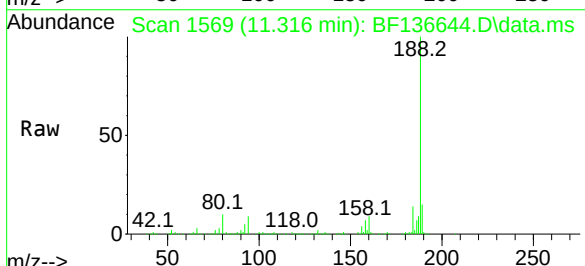
Tgt Ion:188 Resp: 324874

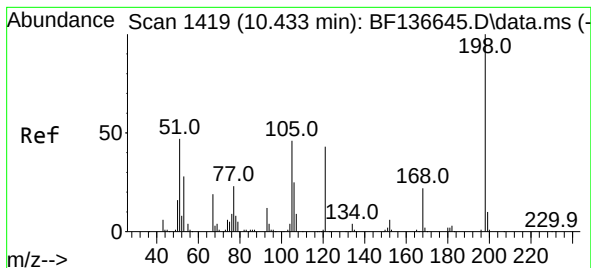
Ion Ratio Lower Upper

188 100

94 9.1 7.5 11.3

80 10.1 8.1 12.1





#65  
4,6-Dinitro-2-methylphenol  
Concen: 20.864 ng  
RT: 10.427 min Scan# 1418  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Instrument :

BNA\_F

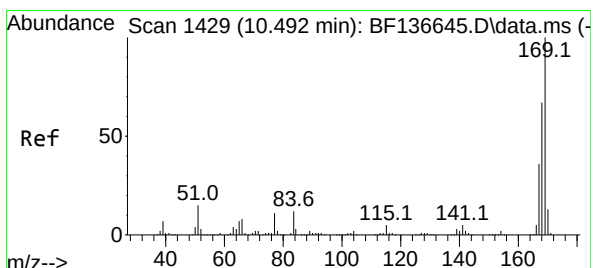
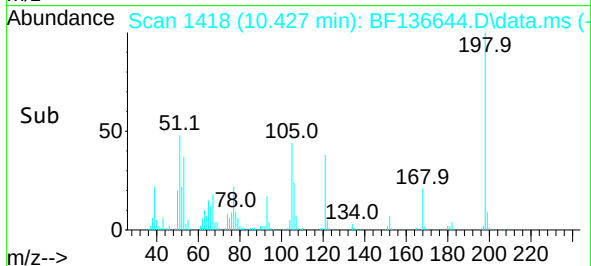
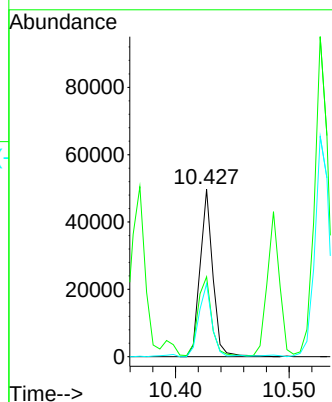
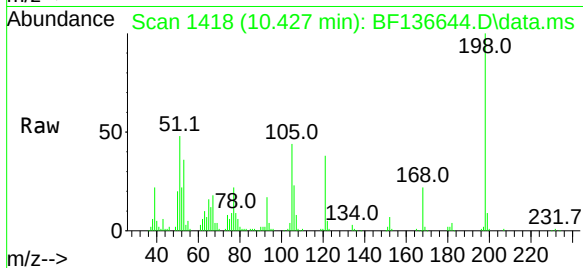
ClientSampleId :

SSTDICC020

Tgt Ion:198 Resp: 38840  
Ion Ratio Lower Upper  
198 100  
51 47.6 34.1 74.1  
105 43.6 27.3 67.3

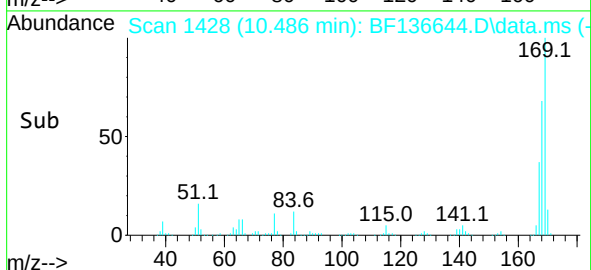
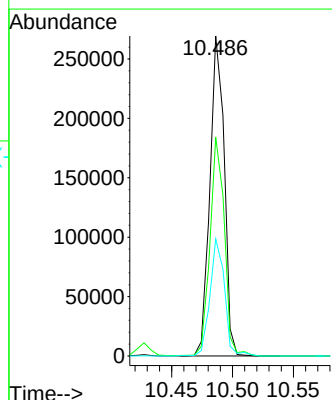
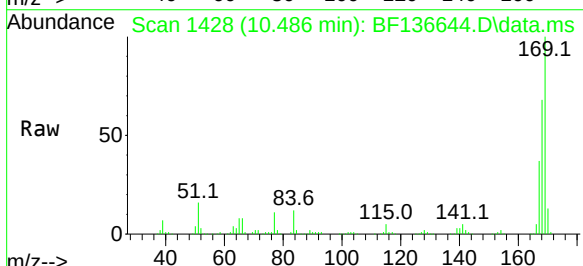
Manual Integrations  
APPROVED

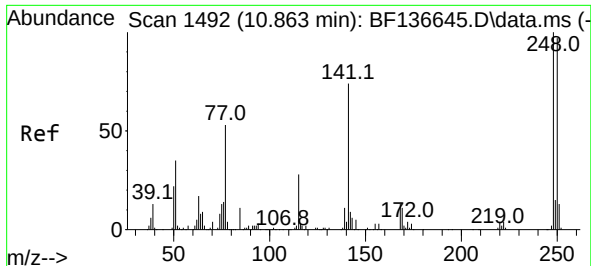
Reviewed By :Yogesh Patel 12/21/2023  
Supervised By :mohammad ahmed 12/21/2023



#66  
n-Nitrosodiphenylamine  
Concen: 20.817 ng  
RT: 10.486 min Scan# 1428  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Tgt Ion:169 Resp: 219685  
Ion Ratio Lower Upper  
169 100  
168 68.4 53.8 80.6  
167 36.6 28.7 43.1





#67  
4-Bromophenyl-phenylether  
Concen: 20.922 ng  
RT: 10.857 min Scan# 1491  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Instrument :

BNA\_F

ClientSampleId :

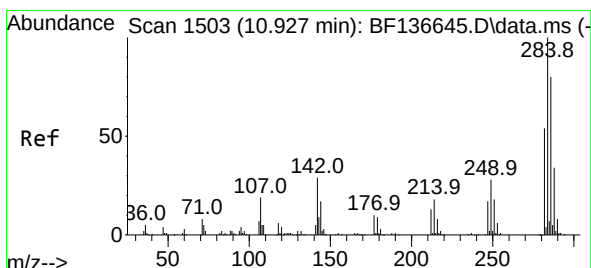
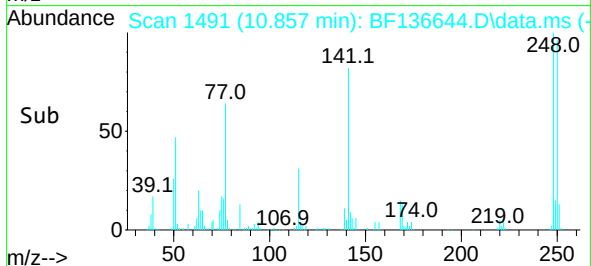
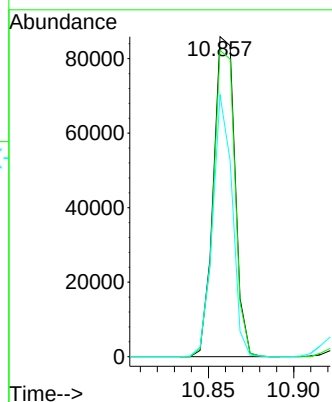
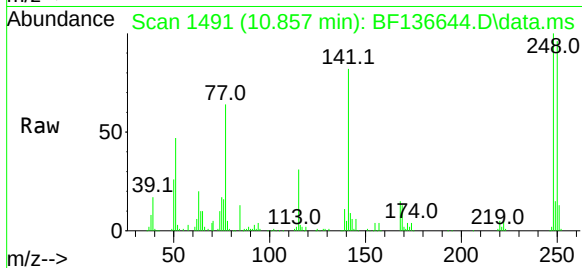
SSTDICC020

Tgt Ion:248 Resp: 7548  
Ion Ratio Lower Upper  
248 100  
250 95.8 77.8 116.6  
141 81.8 59.2 88.8

Manual Integrations

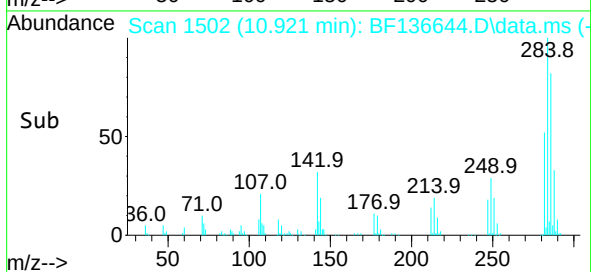
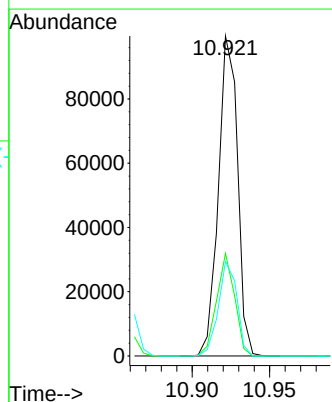
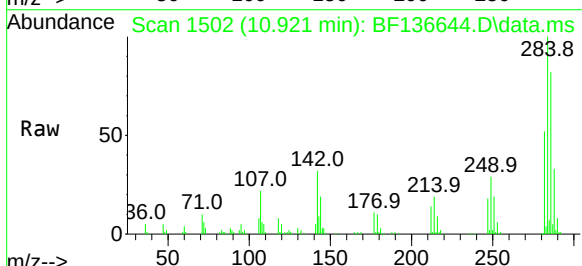
APPROVED

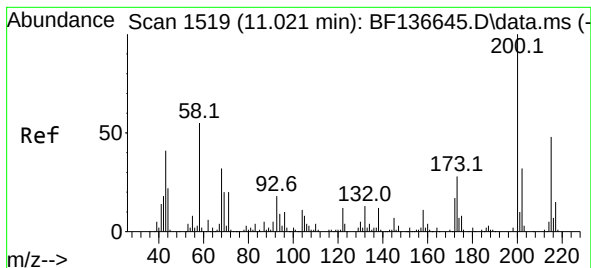
Reviewed By :Yogesh Patel 12/21/2023  
Supervised By :mohammad ahmed 12/21/2023



#68  
Hexachlorobenzene  
Concen: 21.284 ng  
RT: 10.921 min Scan# 1502  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Tgt Ion:284 Resp: 85577  
Ion Ratio Lower Upper  
284 100  
142 32.1 23.4 35.0  
249 29.5 22.3 33.5





#69

Atrazine

Concen: 19.815 ng

RT: 11.016 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF136644.D

Acq: 20 Dec 2023 11:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:200 Resp: 5348

Ion Ratio Lower Upper

200 100

173 28.9 7.6 47.6

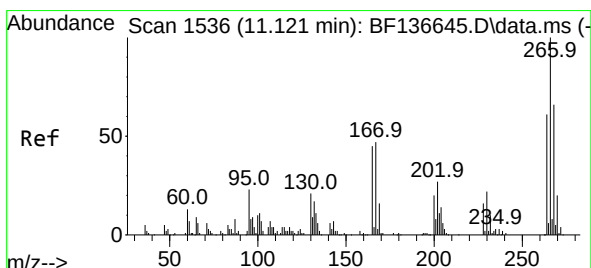
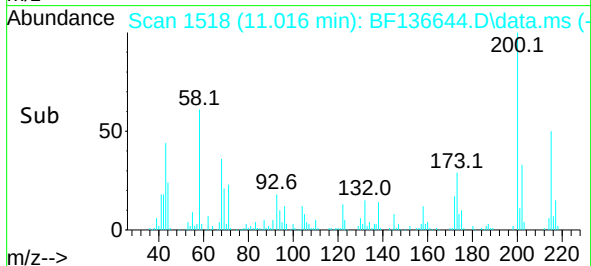
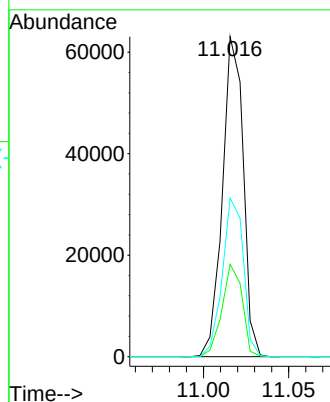
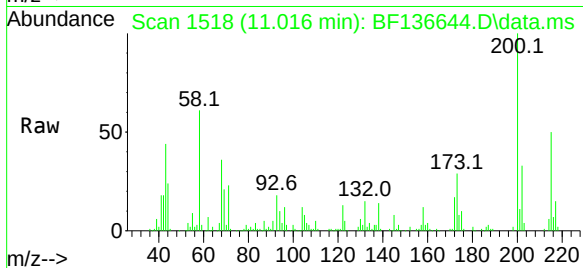
215 49.5 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#70

Pentachlorophenol

Concen: 20.917 ng

RT: 11.121 min Scan# 1536

Delta R.T. -0.000 min

Lab File: BF136644.D

Acq: 20 Dec 2023 11:38

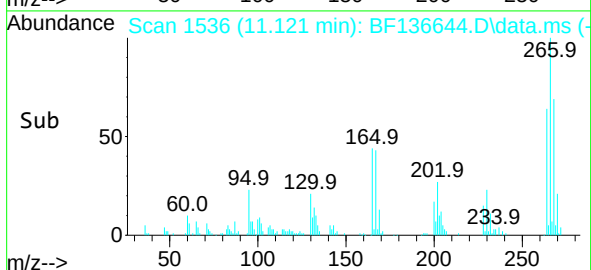
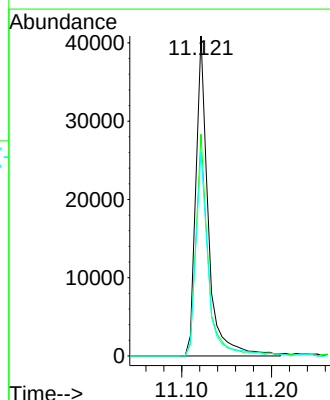
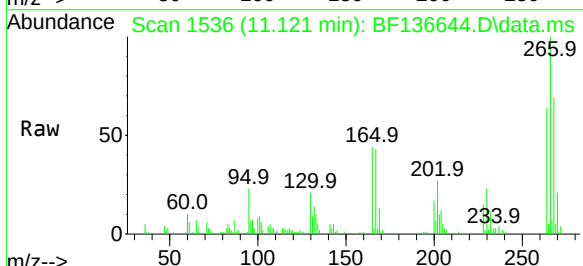
Tgt Ion:266 Resp: 39201

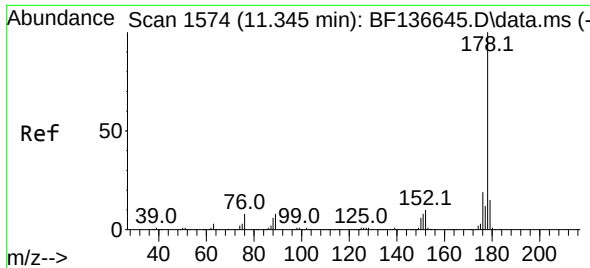
Ion Ratio Lower Upper

266 100

268 69.3 52.6 78.8

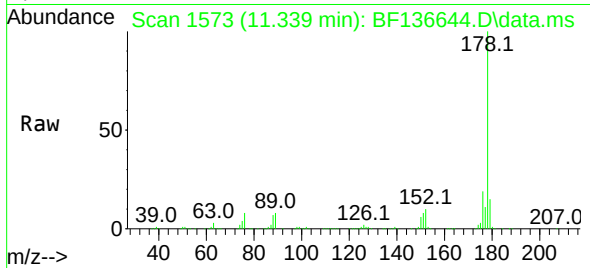
264 63.8 49.0 73.4





#71  
Phenanthrene  
Concen: 20.958 ng  
RT: 11.339 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

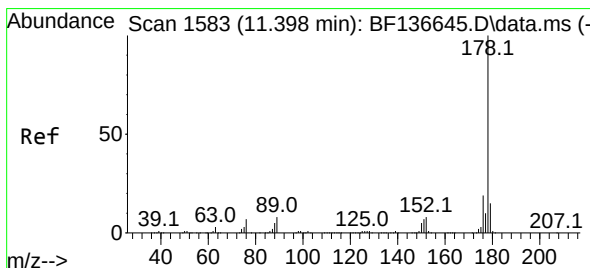
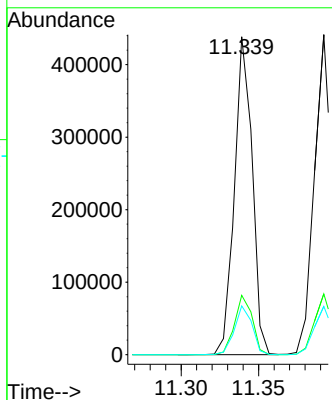
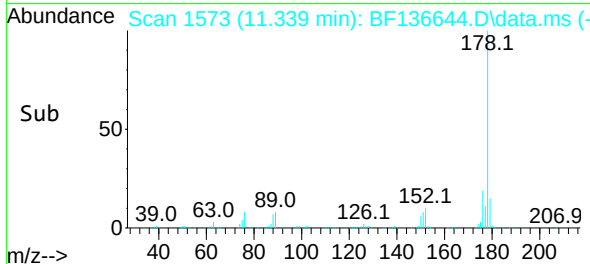
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



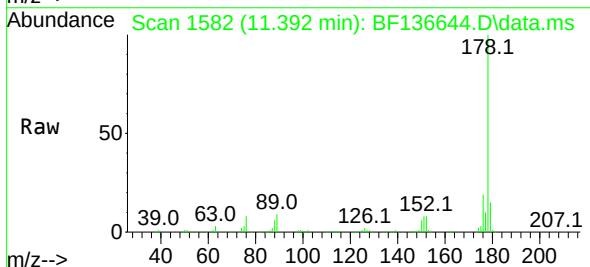
Tgt Ion:178 Resp: 349354  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.3 22.9  
179 15.3 11.9 17.9

Manual Integrations  
APPROVED

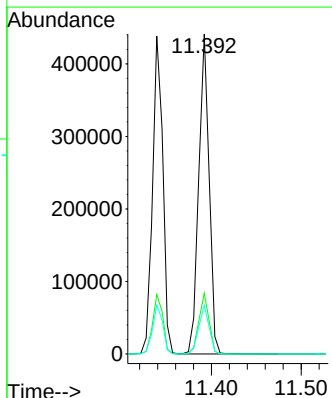
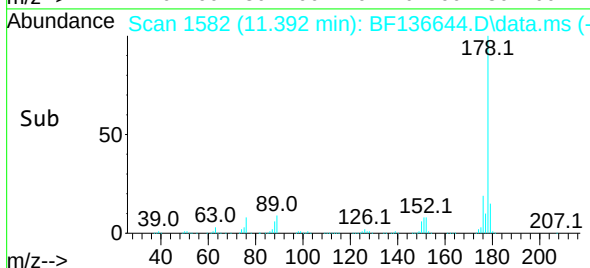
Reviewed By :Yogesh Patel 12/21/2023  
Supervised By :mohammad ahmed 12/21/2023

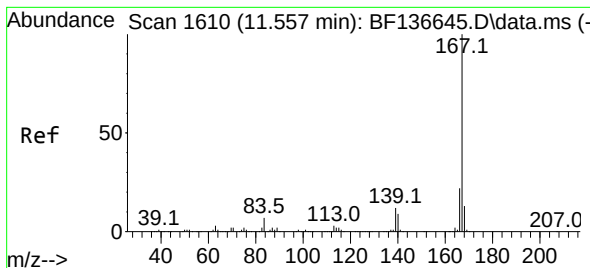


#72  
Anthracene  
Concen: 21.061 ng  
RT: 11.392 min Scan# 1582  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38



Tgt Ion:178 Resp: 355552  
Ion Ratio Lower Upper  
178 100  
176 19.0 14.9 22.3  
179 15.1 11.8 17.6





#73

Carbazole

Concen: 21.176 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF136644.D

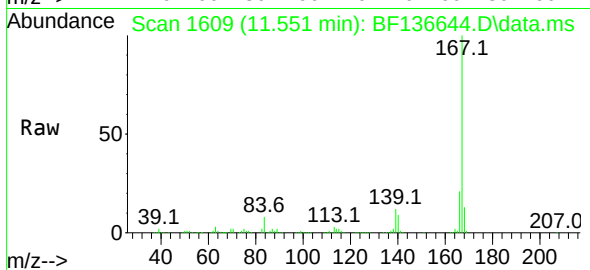
Acq: 20 Dec 2023 11:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



Tgt Ion:167 Resp: 337050

Ion Ratio Lower Upper

167 100

166 21.4 17.3 25.9

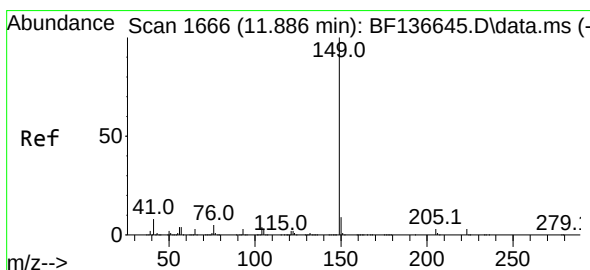
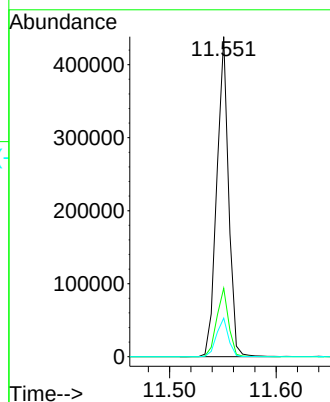
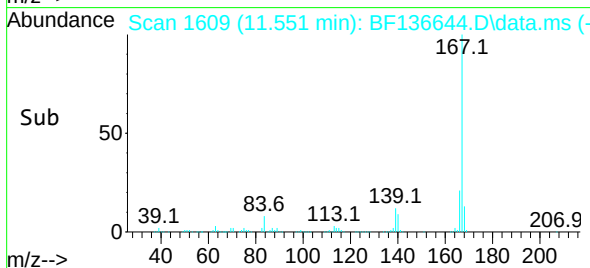
139 12.0 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#74

Di-n-butylphthalate

Concen: 21.132 ng

RT: 11.886 min Scan# 1666

Delta R.T. -0.000 min

Lab File: BF136644.D

Acq: 20 Dec 2023 11:38

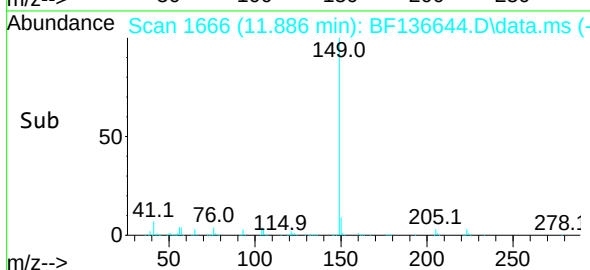
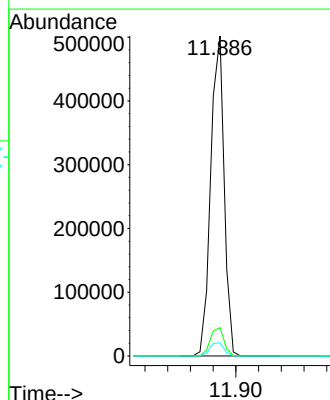
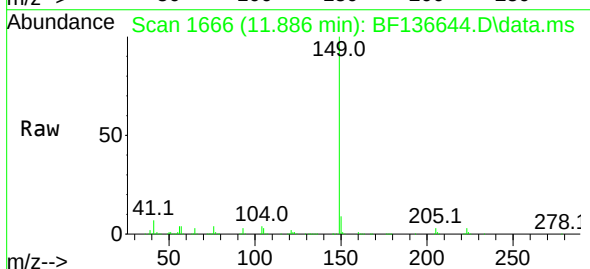
Tgt Ion:149 Resp: 410415

Ion Ratio Lower Upper

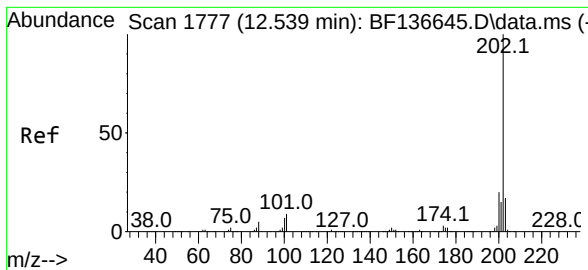
149 100

150 8.8 7.4 11.2

104 4.2 3.6 5.4

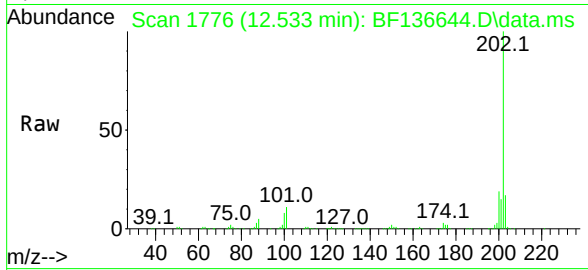






#75  
Fluoranthene  
Concen: 21.147 ng  
RT: 12.533 min Scan# 1776  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

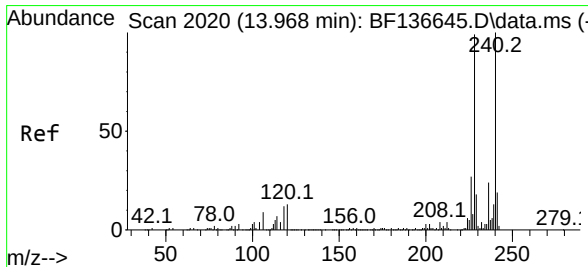
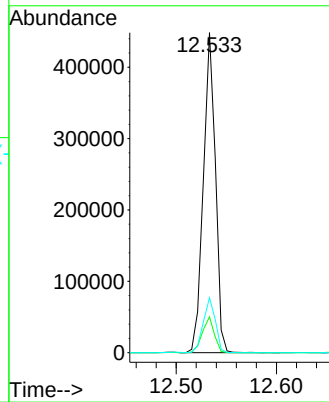
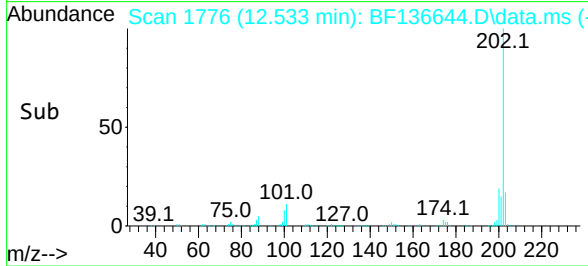
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:202 Resp: 377072  
Ion Ratio Lower Upper  
202 100  
101 11.2 0.0 29.3  
203 17.1 0.0 37.1

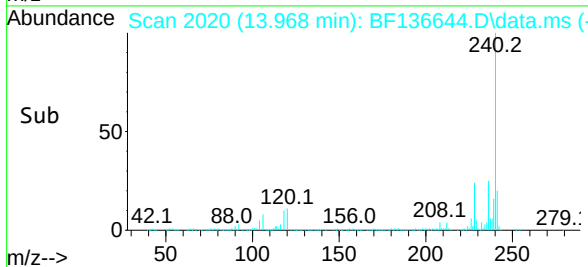
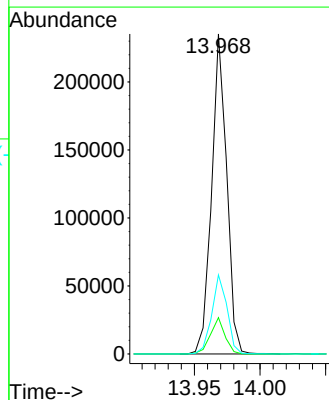
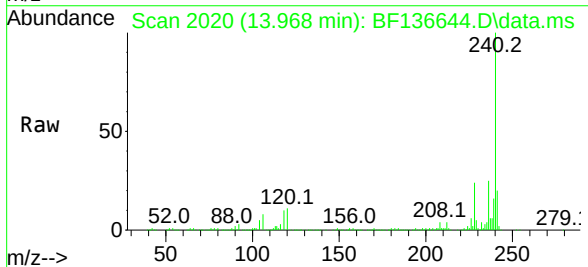
Manual Integrations  
APPROVED

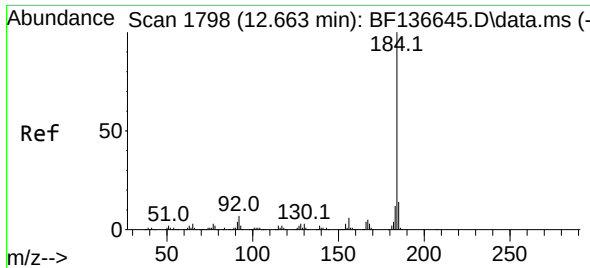
Reviewed By :Yogesh Patel 12/21/2023  
Supervised By :mohammad ahmed 12/21/2023



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.968 min Scan# 2020  
Delta R.T. -0.000 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

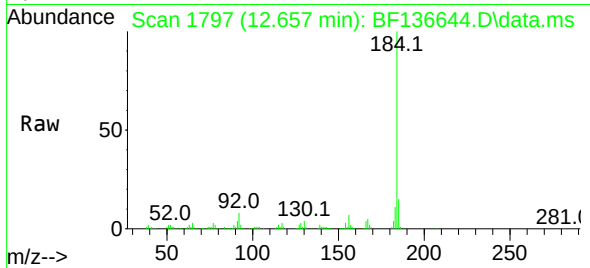
Tgt Ion:240 Resp: 188342  
Ion Ratio Lower Upper  
240 100  
120 11.4 10.3 15.5  
236 24.7 19.4 29.2





#77  
Benzidine  
Concen: 22.507 ng  
RT: 12.657 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

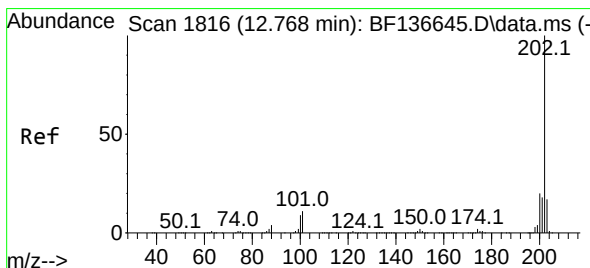
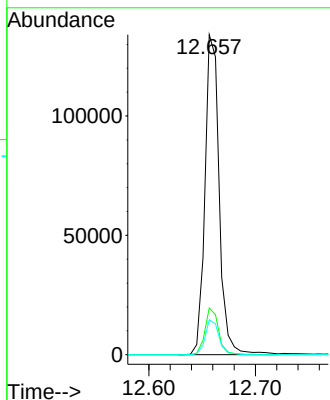
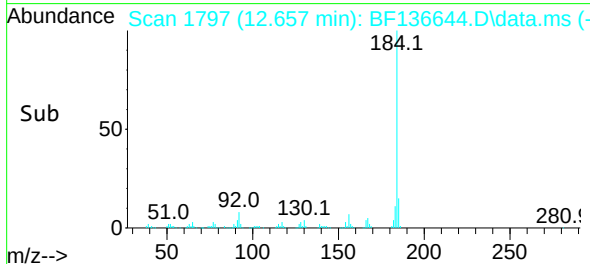
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



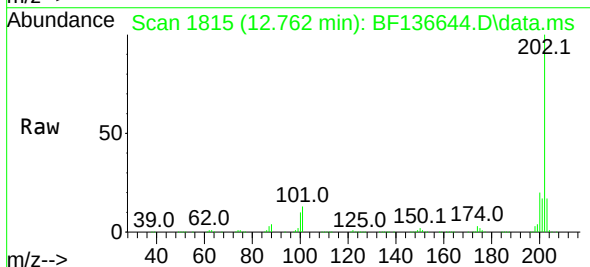
Tgt Ion:184 Resp: 124988  
Ion Ratio Lower Upper  
184 100  
185 14.6 11.2 16.8  
183 10.9 9.3 13.9

Manual Integrations  
APPROVED

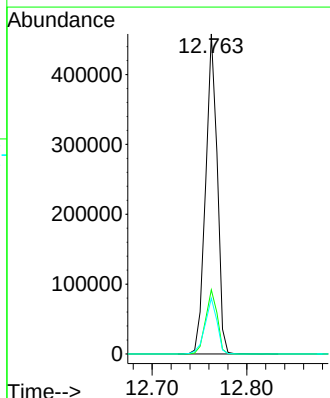
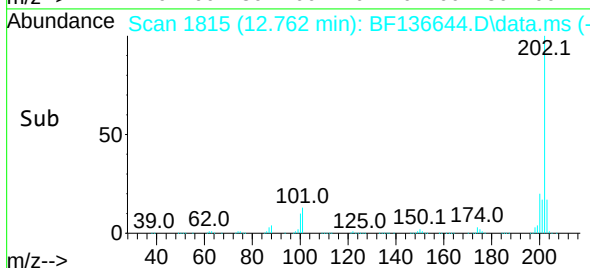
Reviewed By :Yogesh Patel 12/21/2023  
Supervised By :mohammad ahmed 12/21/2023

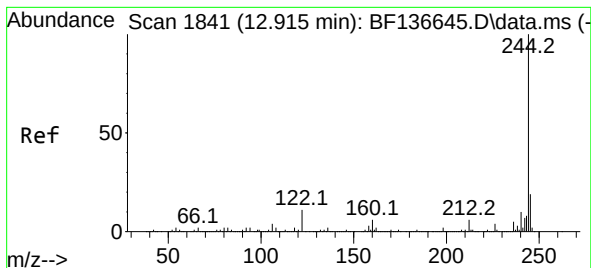


#78  
Pyrene  
Concen: 20.969 ng  
RT: 12.762 min Scan# 1815  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38



Tgt Ion:202 Resp: 387697  
Ion Ratio Lower Upper  
202 100  
200 20.1 15.9 23.9  
203 17.4 13.8 20.6





#79

Terphenyl-d14

Concen: 42.178 ng

RT: 12.910 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF136644.D

Acq: 20 Dec 2023 11:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

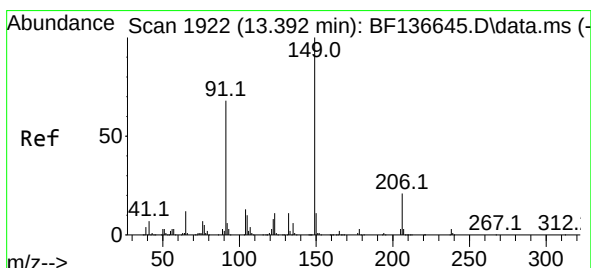
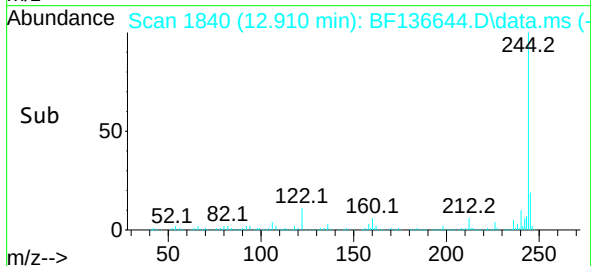
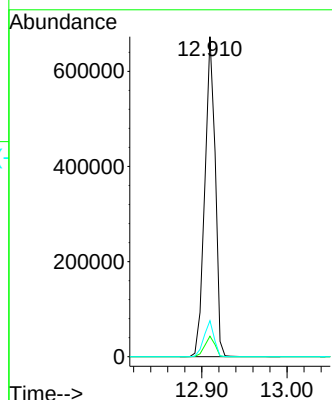
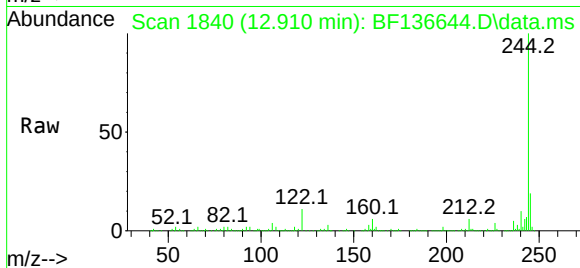
|             |             |
|-------------|-------------|
| Tgt Ion:244 | Resp: 56844 |
| Ion Ratio   | Lower Upper |
| 244 100     |             |
| 212 6.4     | 5.0 7.4     |
| 122 11.3    | 9.0 13.4    |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#80

Butylbenzylphthalate

Concen: 20.948 ng

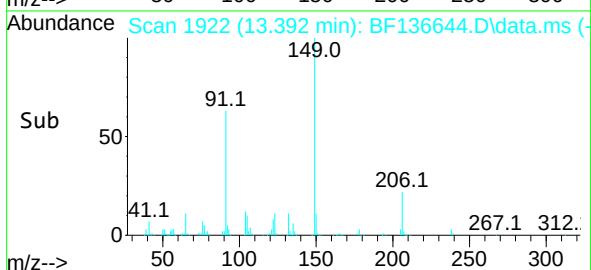
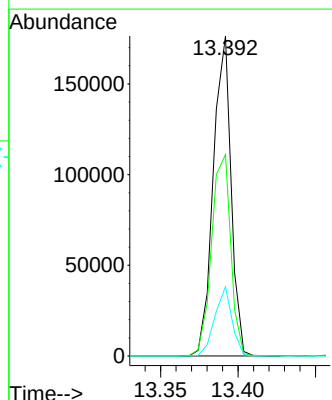
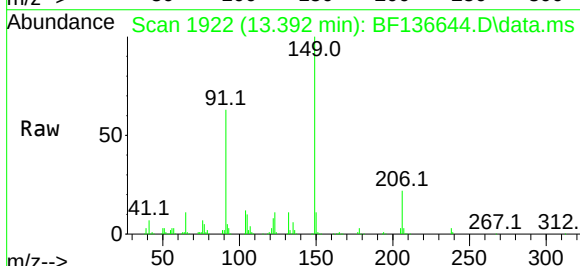
RT: 13.392 min Scan# 1922

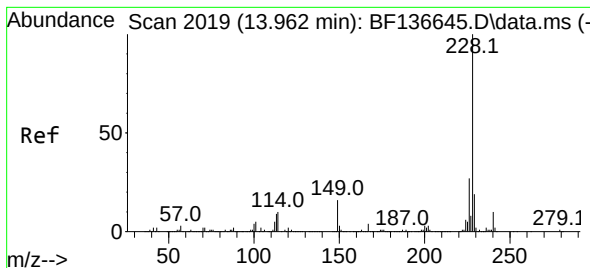
Delta R.T. -0.000 min

Lab File: BF136644.D

Acq: 20 Dec 2023 11:38

|             |              |
|-------------|--------------|
| Tgt Ion:149 | Resp: 140927 |
| Ion Ratio   | Lower Upper  |
| 149 100     |              |
| 91 62.9     | 54.1 81.1    |
| 206 21.7    | 17.1 25.7    |





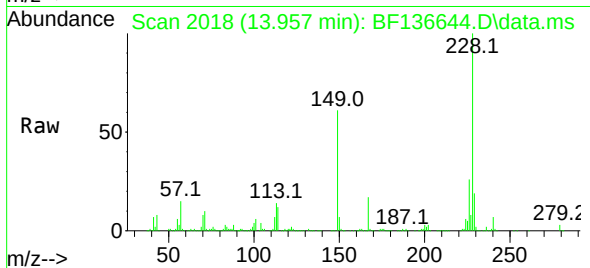
#81  
Benzo(a)anthracene  
Concen: 20.666 ng  
RT: 13.957 min Scan# 2018  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

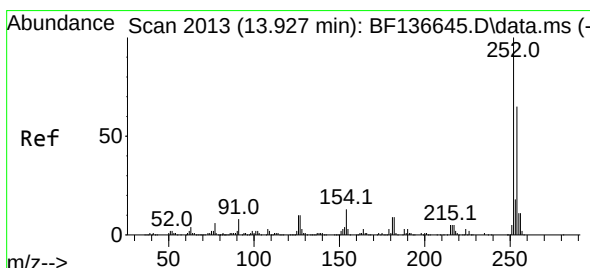
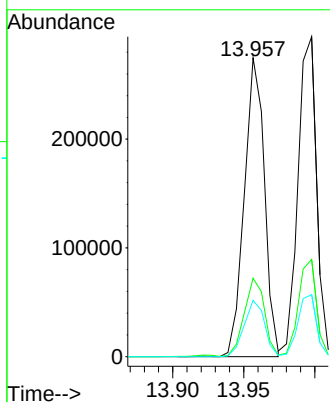
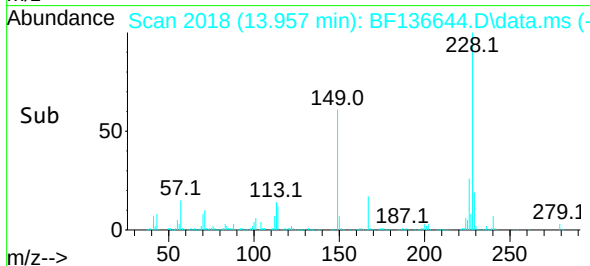


Tgt Ion:228 Resp: 270270  
Ion Ratio Lower Upper  
228 100  
226 26.3 21.4 32.0  
229 18.9 14.9 22.3

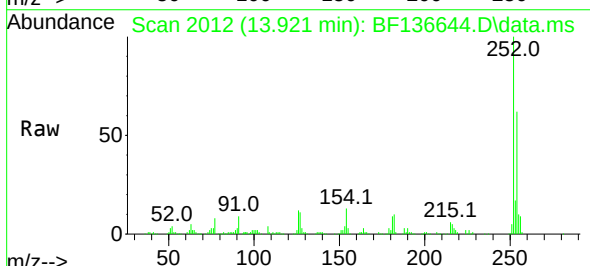
Manual Integrations

APPROVED

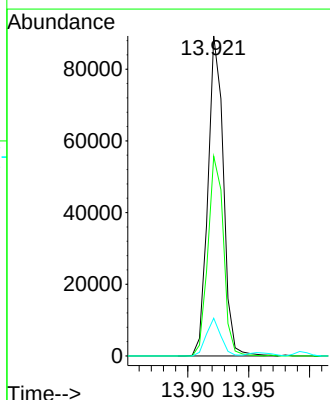
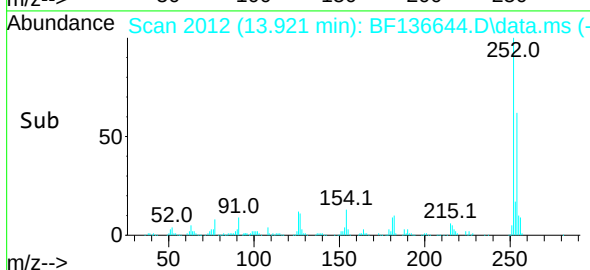
Reviewed By :Yogesh Patel 12/21/2023  
Supervised By :mohammad ahmed 12/21/2023

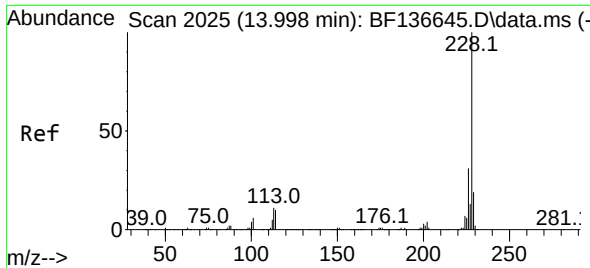


#82  
3,3'-Dichlorobenzidine  
Concen: 21.236 ng  
RT: 13.921 min Scan# 2012  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38



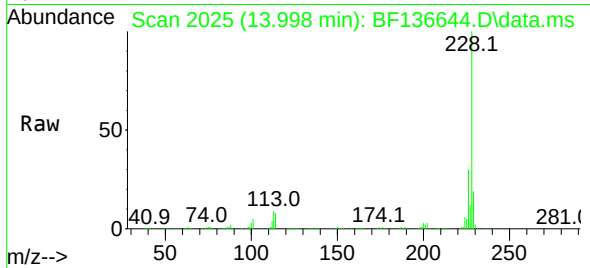
Tgt Ion:252 Resp: 78873  
Ion Ratio Lower Upper  
252 100  
254 62.4 52.2 78.4  
126 11.8 8.0 12.0





#83  
Chrysene  
Concen: 20.965 ng  
RT: 13.998 min Scan# 2025  
Delta R.T. -0.000 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

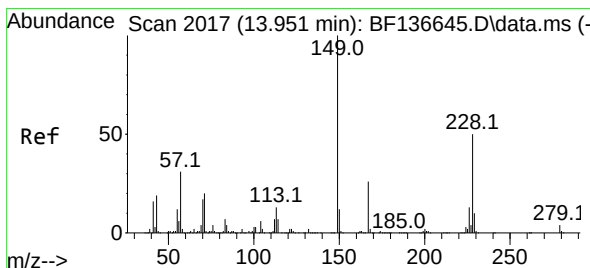
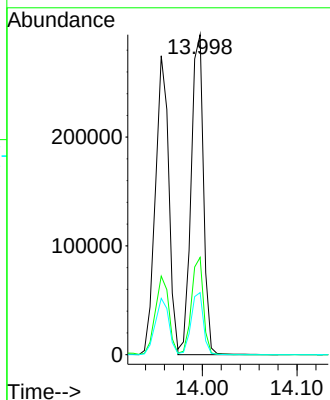
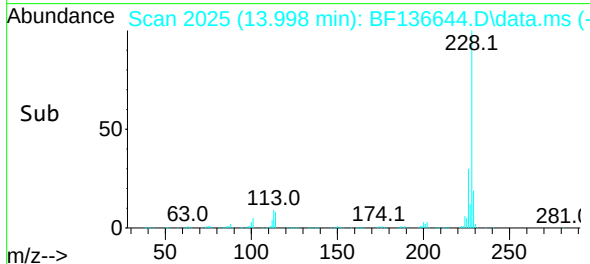
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



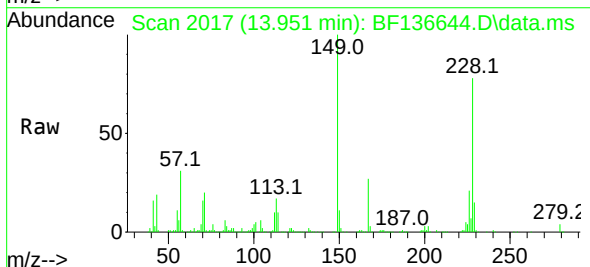
Tgt Ion:228 Resp: 268129  
Ion Ratio Lower Upper  
228 100  
226 30.4 24.7 37.1  
229 19.4 15.4 23.0

Manual Integrations  
APPROVED

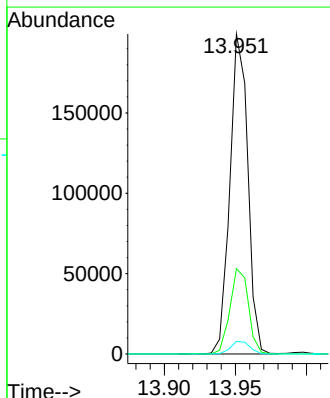
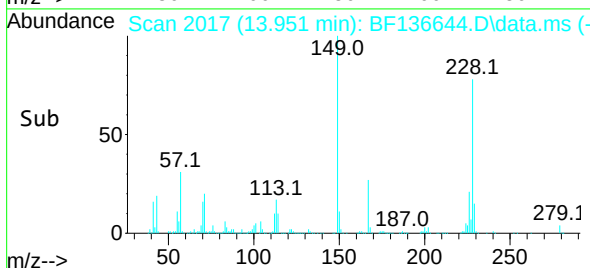
Reviewed By :Yogesh Patel 12/21/2023  
Supervised By :mohammad ahmed 12/21/2023

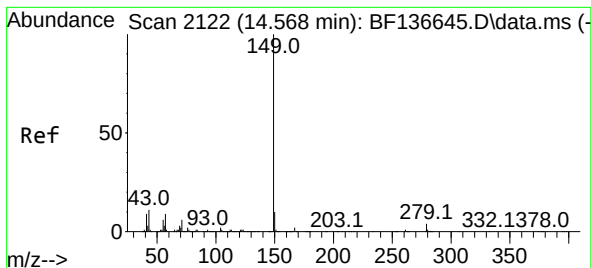


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 20.661 ng  
RT: 13.951 min Scan# 2017  
Delta R.T. -0.000 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38



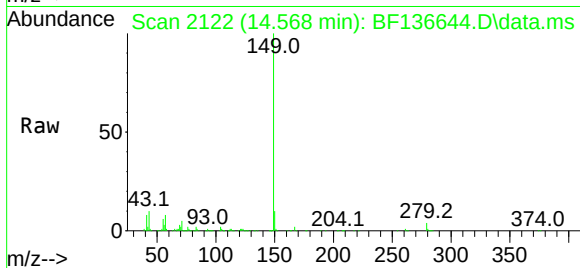
Tgt Ion:149 Resp: 174886  
Ion Ratio Lower Upper  
149 100  
167 26.7 20.9 31.3  
279 3.9 2.9 4.3





#85  
Di-n-octyl phthalate  
Concen: 19.836 ng  
RT: 14.568 min Scan# 2122  
Delta R.T. -0.000 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

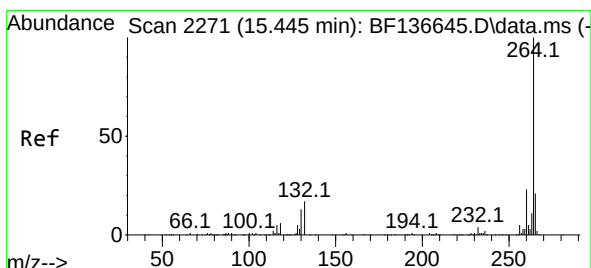
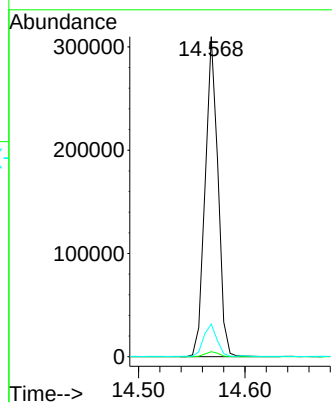
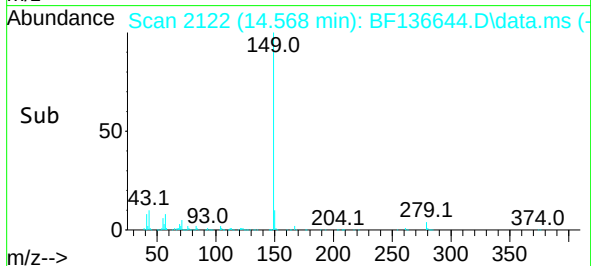
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



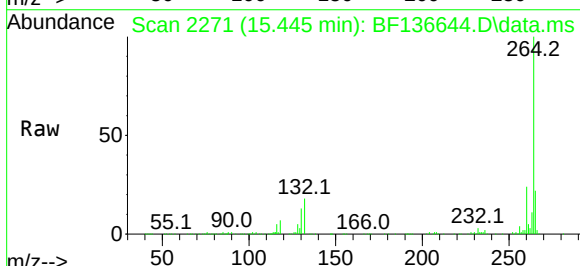
Tgt Ion:149 Resp: 259720  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.2 1.8  
43 10.5 8.9 13.3

Manual Integrations  
APPROVED

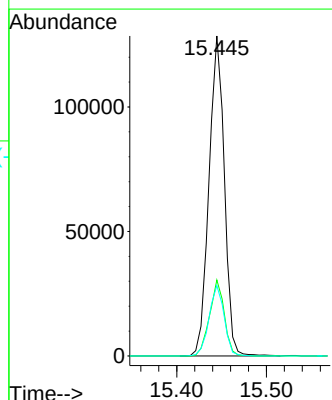
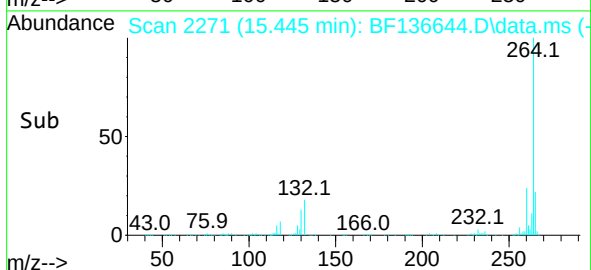
Reviewed By :Yogesh Patel 12/21/2023  
Supervised By :mohammad ahmed 12/21/2023

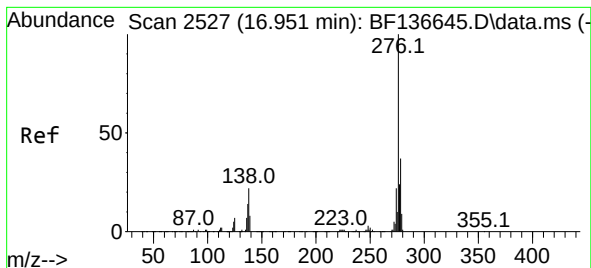


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.445 min Scan# 2271  
Delta R.T. -0.000 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38



Tgt Ion:264 Resp: 153028  
Ion Ratio Lower Upper  
264 100  
260 23.7 18.3 27.5  
265 22.0 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 19.781 ng

RT: 16.939 min Scan# 21855

Delta R.T. -0.012 min

Lab File: BF136644.D

Acq: 20 Dec 2023 11:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion: 276 Resp: 21855

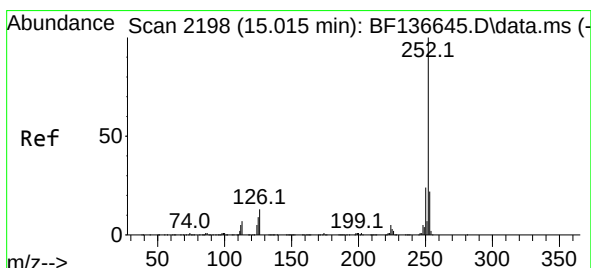
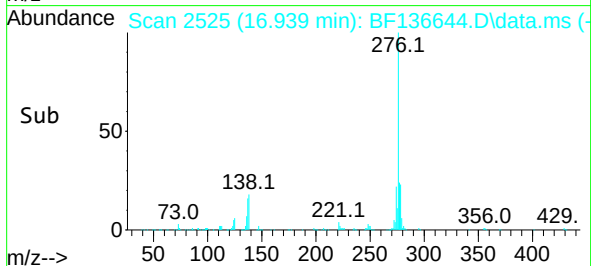
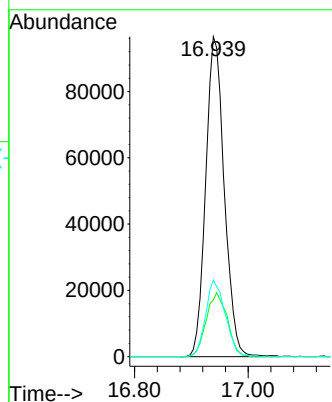
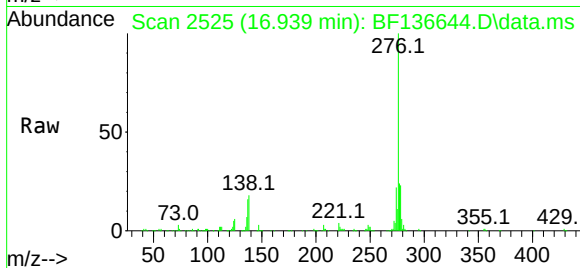
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 22.7  | 18.7  | 28.1  |
| 277 | 25.2  | 20.2  | 30.2  |

Manual Integrations

APPROVED

Reviewed By : Yogesh Patel 12/21/2023

Supervised By : mohammad ahmed 12/21/2023



#88

Benzo(b)fluoranthene

Concen: 21.273 ng

RT: 15.009 min Scan# 2197

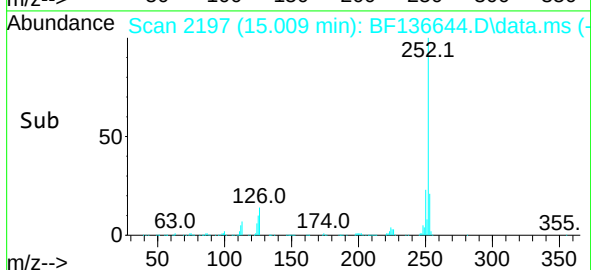
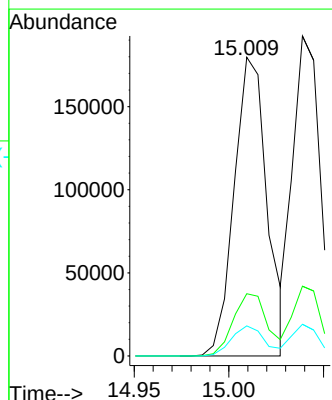
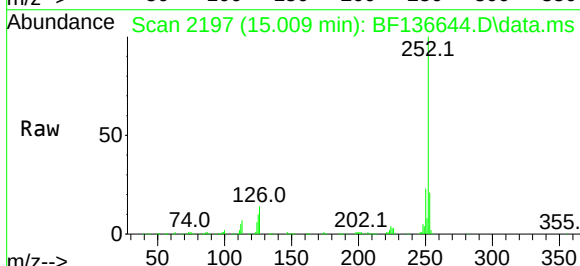
Delta R.T. -0.006 min

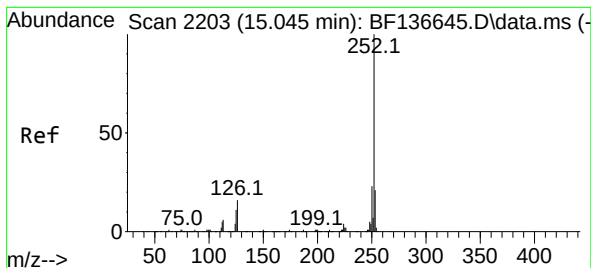
Lab File: BF136644.D

Acq: 20 Dec 2023 11:38

Tgt Ion: 252 Resp: 217424

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 20.8  | 17.4  | 26.0  |
| 125 | 10.1  | 7.4   | 11.2  |





#89

Benzo(k)fluoranthene

Concen: 20.408 ng

RT: 15.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136644.D

Acq: 20 Dec 2023 11:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 197030

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

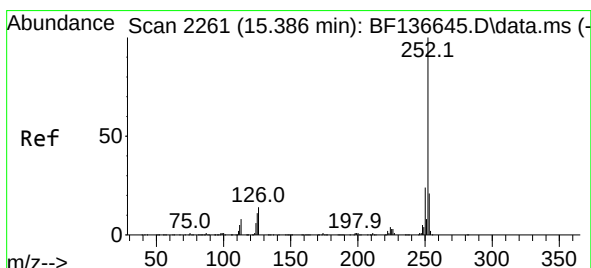
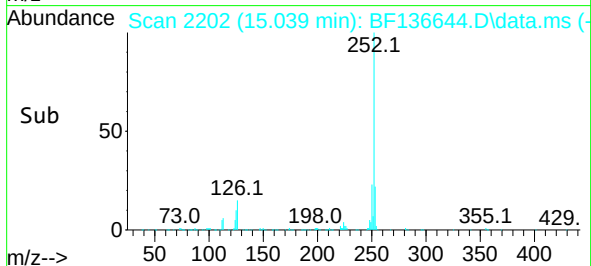
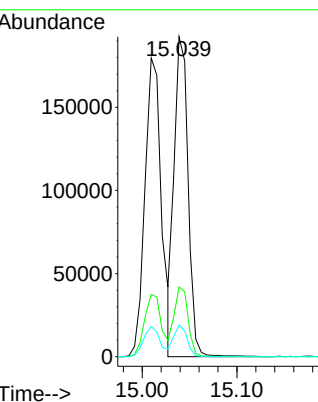
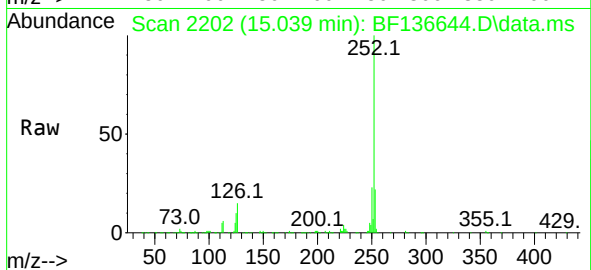
125 9.9 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#90

Benzo(a)pyrene

Concen: 20.446 ng

RT: 15.380 min Scan# 2260

Delta R.T. -0.006 min

Lab File: BF136644.D

Acq: 20 Dec 2023 11:38

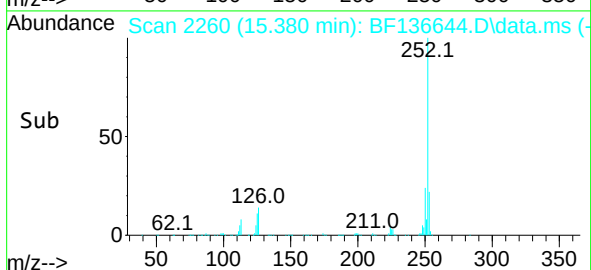
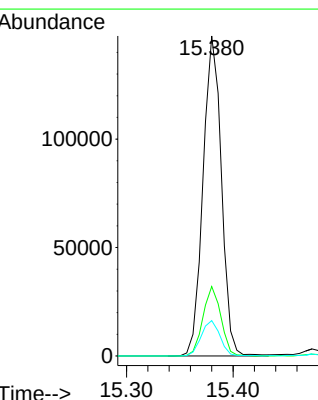
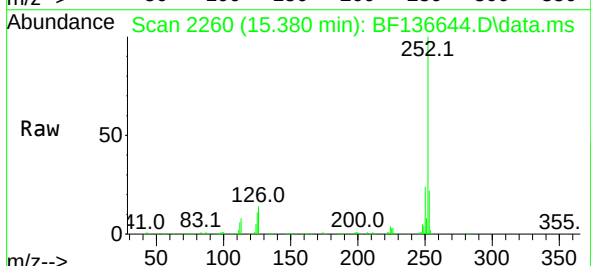
Tgt Ion:252 Resp: 176398

Ion Ratio Lower Upper

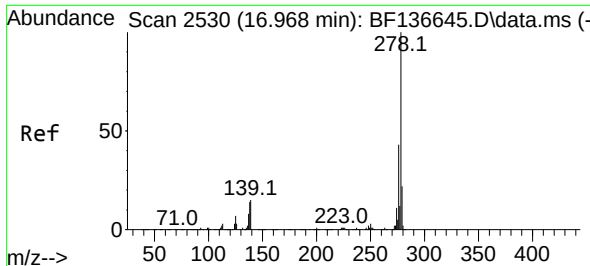
252 100

253 21.7 17.0 25.6

125 11.0 8.8 13.2







#91  
Dibenzo(a,h)anthracene  
Concen: 20.001 ng  
RT: 16.962 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Instrument :

BNA\_F

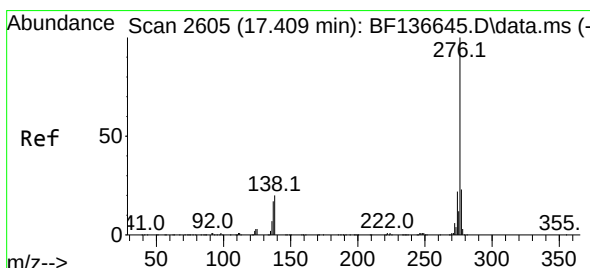
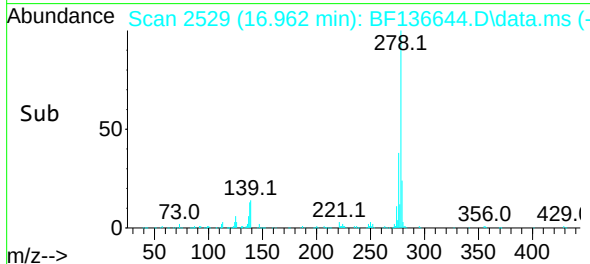
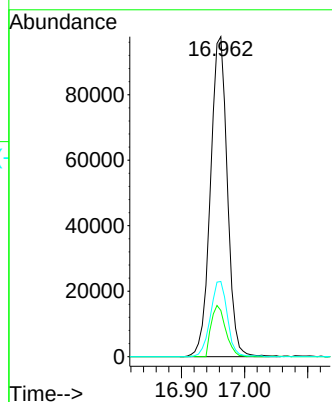
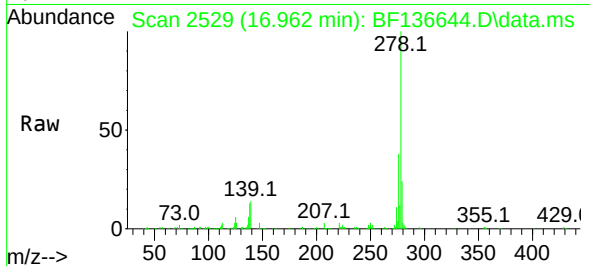
ClientSampleId :

SSTDICC020

Tgt Ion:278 Resp: 18129  
Ion Ratio Lower Upper  
278 100  
139 14.4 12.2 18.4  
279 23.5 17.8 26.6

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/21/2023  
Supervised By :mohammad ahmed 12/21/2023



#92  
Benzo(g,h,i)perylene  
Concen: 19.966 ng  
RT: 17.398 min Scan# 2603  
Delta R.T. -0.012 min  
Lab File: BF136644.D  
Acq: 20 Dec 2023 11:38

Tgt Ion:276 Resp: 185365  
Ion Ratio Lower Upper  
276 100  
277 22.9 18.3 27.5  
138 19.2 15.6 23.4

