

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF103123\  
 Data File : BF136044.D  
 Acq On : 31 Oct 2023 11:26  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Oct 31 12:19:41 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF103023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 31 01:13:02 2023  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Yogesh  
 Patel

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.828  | 152  | 171419   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.110  | 136  | 668353   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.869  | 164  | 345378   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.357 | 188  | 615396   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.016 | 240  | 340490   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.504 | 264  | 328376   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.451  | 112  | 850310   | 77.948 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.463  | 99   | 1057148  | 77.780 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.392  | 82   | 922480   | 83.204 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.663 | 330  | 307873   | 83.514 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.192  | 172  | 1701450  | 78.531 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.957 | 244  | 1885698  | 86.065 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.581  | 88   | 179564   | 37.802 | ng    | 98       |
| 3) Pyridine                   | 3.340  | 79   | 504623   | 38.920 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.310  | 42   | 212606   | 39.219 | ng    | 98       |
| 6) Aniline                    | 6.492  | 93   | 692365   | 39.346 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.610  | 128  | 461070   | 39.534 | ng    | 97       |
| 9) Benzaldehyde               | 6.381  | 77   | 297175   | 39.212 | ng    | 98       |
| 10) Phenol                    | 6.475  | 94   | 551085m  | 39.201 | ng    |          |
| 11) bis(2-Chloroethyl)ether   | 6.569  | 93   | 435038   | 39.530 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.769  | 146  | 473224   | 38.986 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.845  | 146  | 478755   | 39.356 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.998  | 146  | 443277   | 38.971 | ng    | 97       |
| 15) Benzyl Alcohol            | 6.969  | 79   | 390882   | 40.560 | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.104  | 45   | 613299   | 40.487 | ng    | 98       |
| 17) 2-Methylphenol            | 7.081  | 107  | 390100   | 39.429 | ng    | 99       |
| 18) Hexachloroethane          | 7.339  | 117  | 169590   | 39.665 | ng    | 92       |
| 19) n-Nitroso-di-n-propyla... | 7.245  | 70   | 304670   | 39.232 | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.234  | 107  | 469510   | 38.917 | ng    | 92       |
| 22) Acetophenone              | 7.239  | 105  | 579136   | 39.077 | ng    | # 94     |
| 24) Nitrobenzene              | 7.410  | 77   | 462083   | 41.203 | ng    | 95       |
| 25) Isophorone                | 7.651  | 82   | 860523   | 41.112 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.722  | 139  | 230758   | 45.099 | ng    | 94       |
| 27) 2,4-Dimethylphenol        | 7.763  | 122  | 395724   | 40.928 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.863  | 93   | 523664   | 40.833 | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 7.963  | 162  | 379093   | 41.589 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.051  | 180  | 403213   | 40.550 | ng    | 99       |
| 31) Naphthalene               | 8.134  | 128  | 1298811  | 40.299 | ng    | 100      |
| 32) Benzoic acid              | 7.881  | 122  | 308303m  | 40.677 | ng    |          |
| 33) 4-Chloroaniline           | 8.181  | 127  | 570817   | 40.443 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.245  | 225  | 237506   | 41.649 | ng    | 100      |
| 35) Caprolactam               | 8.557  | 113  | 124188   | 41.900 | ng    | 89       |
| 36) 4-Chloro-3-methylphenol   | 8.657  | 107  | 395898   | 41.371 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.822  | 142  | 885387   | 40.971 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.922  | 142  | 820286   | 40.788 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 8.986  | 216  | 401013   | 40.712 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 8.975  | 237  | 225008   | 42.759 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.098  | 196  | 266041   | 41.425 | ng    | 99       |

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 QLast Update : Tue Oct 31 01:13:02 2023  
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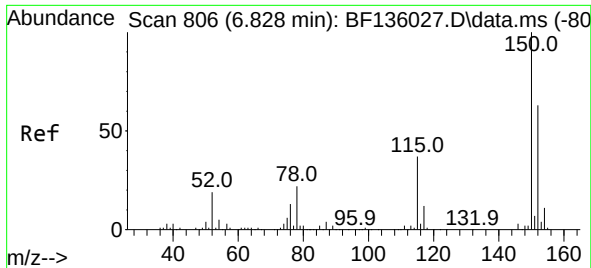
Manual Integrations  
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Reviewed By :Yogesh  
 Patel

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min)   |
|-------------------------------|--------|------|----------|--------|-------|------------|
| 44) 2,4,5-Trichlorophenol     | 9.139  | 196  | 310317   | 41.712 | ng    | 98         |
| 46) 1,1'-Biphenyl             | 9.286  | 154  | 1068829  | 40.596 | ng    | 100        |
| 47) 2-Chloronaphthalene       | 9.316  | 162  | 784875   | 40.438 | ng    | 99         |
| 48) 2-Nitroaniline            | 9.410  | 65   | 245107   | 42.671 | ng    | 93         |
| 49) Acenaphthylene            | 9.728  | 152  | 1234320  | 40.764 | ng    | 100        |
| 50) Dimethylphthalate         | 9.592  | 163  | 937013   | 41.130 | ng    | 99         |
| 51) 2,6-Dinitrotoluene        | 9.657  | 165  | 212195   | 43.549 | ng    | 89         |
| 52) Acenaphthene              | 9.904  | 154  | 766864m  | 39.840 | ng    | 11/01/2023 |
| 53) 3-Nitroaniline            | 9.822  | 138  | 240002   | 42.214 | ng    | 95         |
| 54) 2,4-Dinitrophenol         | 9.928  | 184  | 96298    | 40.807 | ng    | 94         |
| 55) Dibenzofuran              | 10.075 | 168  | 1145838  | 40.824 | ng    | 99         |
| 56) 4-Nitrophenol             | 9.975  | 139  | 182670   | 42.954 | ng    | 89         |
| 57) 2,4-Dinitrotoluene        | 10.057 | 165  | 273233   | 44.321 | ng    | 96         |
| 58) Fluorene                  | 10.422 | 166  | 840397   | 39.990 | ng    | 99         |
| 59) 2,3,4,6-Tetrachlorophenol | 10.192 | 232  | 246282   | 41.640 | ng    | 99         |
| 60) Diethylphthalate          | 10.298 | 149  | 905998   | 41.622 | ng    | 98         |
| 61) 4-Chlorophenyl-phenyle... | 10.410 | 204  | 425475   | 40.560 | ng    | 96         |
| 62) 4-Nitroaniline            | 10.439 | 138  | 226936   | 41.453 | ng    | 97         |
| 63) Azobenzene                | 10.575 | 77   | 866605   | 41.339 | ng    | 97         |
| 65) 4,6-Dinitro-2-methylph... | 10.469 | 198  | 142198   | 42.771 | ng    | 99         |
| 66) n-Nitrosodiphenylamine    | 10.533 | 169  | 787601   | 42.426 | ng    | 99         |
| 67) 4-Bromophenyl-phenylether | 10.904 | 248  | 281727   | 43.665 | ng    | 94         |
| 68) Hexachlorobenzene         | 10.969 | 284  | 294780   | 42.779 | ng    | 99         |
| 69) Atrazine                  | 11.063 | 200  | 213573   | 42.284 | ng    | 98         |
| 70) Pentachlorophenol         | 11.157 | 266  | 200117   | 45.220 | ng    | 96         |
| 71) Phenanthrene              | 11.386 | 178  | 1283333  | 41.417 | ng    | 99         |
| 72) Anthracene                | 11.439 | 178  | 1324453  | 41.714 | ng    | 99         |
| 73) Carbazole                 | 11.592 | 167  | 1134207  | 41.108 | ng    | 100        |
| 74) Di-n-butylphthalate       | 11.933 | 149  | 1371302  | 43.496 | ng    | 99         |
| 75) Fluoranthene              | 12.580 | 202  | 1289428  | 40.508 | ng    | 99         |
| 77) Benzidine                 | 12.704 | 184  | 347399   | 52.347 | ng    | 99         |
| 78) Pyrene                    | 12.810 | 202  | 1308024  | 43.573 | ng    | 100        |
| 80) Butylbenzylphthalate      | 13.439 | 149  | 487463   | 45.364 | ng    | 100        |
| 81) Benzo(a)anthracene        | 14.004 | 228  | 914844   | 40.585 | ng    | 99         |
| 82) 3,3'-Dichlorobenzidine    | 13.974 | 252  | 315705   | 43.881 | ng    | 98         |
| 83) Chrysene                  | 14.045 | 228  | 899810   | 40.533 | ng    | 99         |
| 84) Bis(2-ethylhexyl)phtha... | 14.010 | 149  | 556139   | 44.423 | ng    | 99         |
| 85) Di-n-octyl phthalate      | 14.627 | 149  | 899107   | 47.941 | ng    | 99         |
| 87) Indeno(1,2,3-cd)pyrene    | 17.027 | 276  | 968754   | 45.140 | ng    | 99         |
| 88) Benzo(b)fluoranthene      | 15.068 | 252  | 748036   | 38.498 | ng    | 100        |
| 89) Benzo(k)fluoranthene      | 15.098 | 252  | 758967   | 39.477 | ng    | 98         |
| 90) Benzo(a)pyrene            | 15.445 | 252  | 730533   | 40.464 | ng    | 99         |
| 91) Dibenzo(a,h)anthracene    | 17.051 | 278  | 796474   | 45.306 | ng    | 98         |
| 92) Benzo(g,h,i)perylene      | 17.492 | 276  | 819553   | 41.373 | ng    | 98         |

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



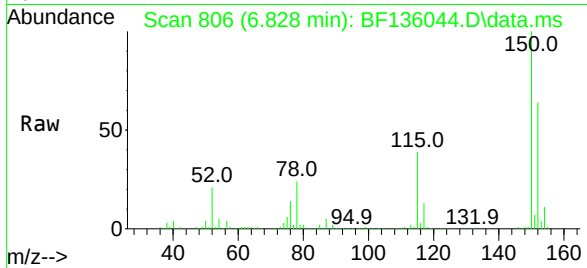


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.828 min Scan# 806  
Delta R.T. -0.000 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

Instrument :

BNA\_F

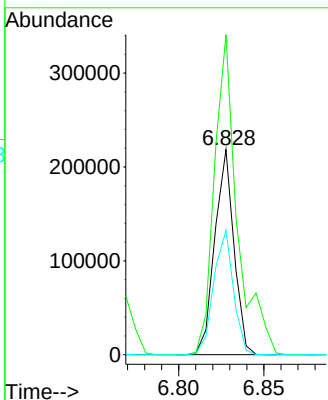
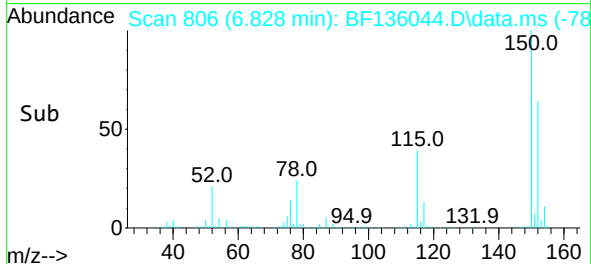
ClientSampleId :



Tgt Ion:152 Resp: 171419  
Ion Ratio Lower Upper  
152 100  
150 156.0 126.4 189.6  
115 60.6 47.0 70.4

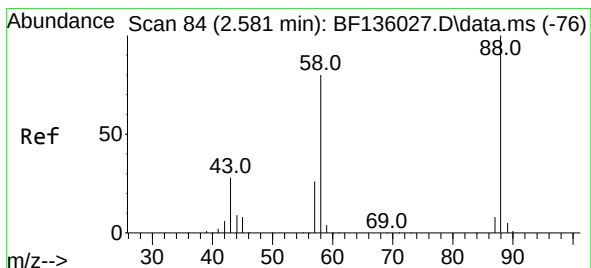
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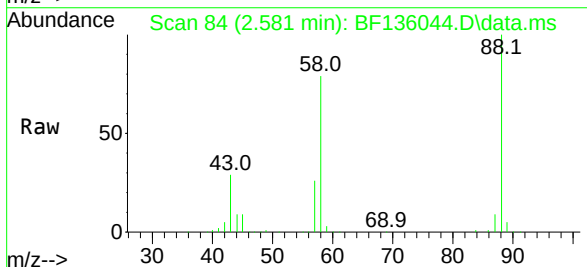


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Supervised By :mohammad  
ahmed

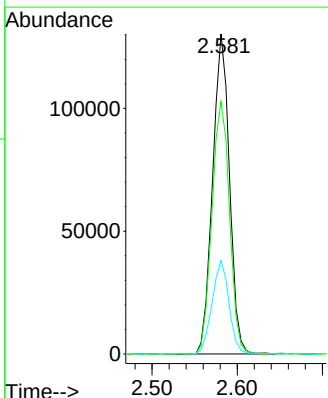
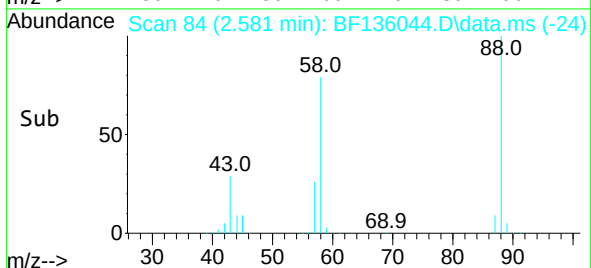
11/01/2023

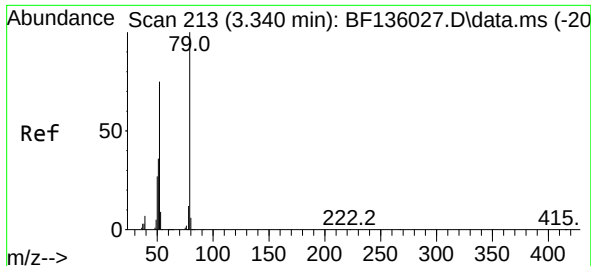


#2  
1,4-Dioxane  
Concen: 37.802 ng  
RT: 2.581 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26



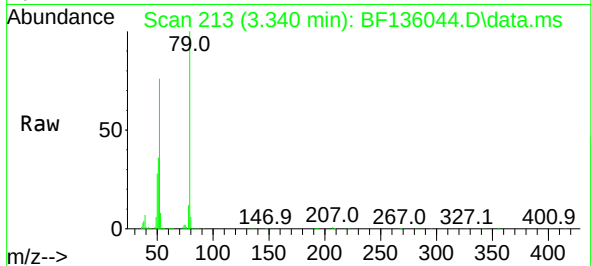
Tgt Ion: 88 Resp: 179564  
Ion Ratio Lower Upper  
88 100  
58 82.1 64.3 96.5  
43 29.6 22.3 33.5





#3  
Pyridine  
Concen: 38.920 ng  
RT: 3.340 min Scan# 213  
Delta R.T. 0.000 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

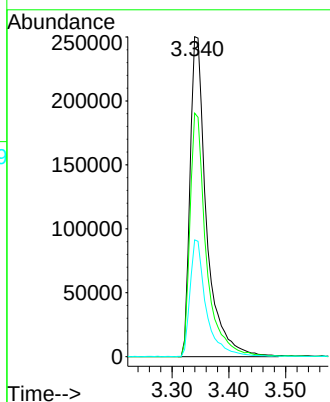
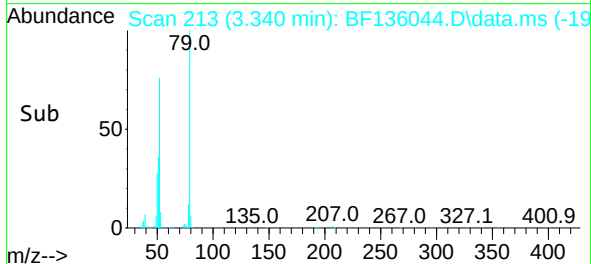
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion: 79 Resp: 504623  
Ion Ratio Lower Upper  
79 100  
52 76.1 60.3 90.5  
51 36.5 29.3 43.9

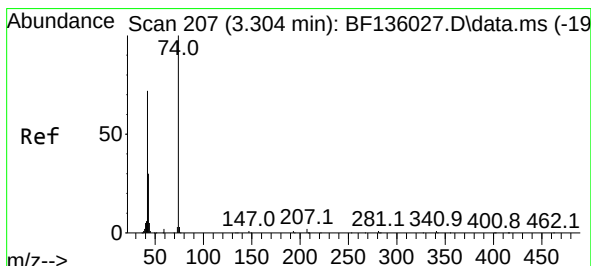
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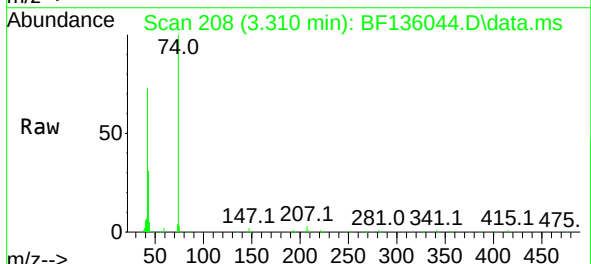


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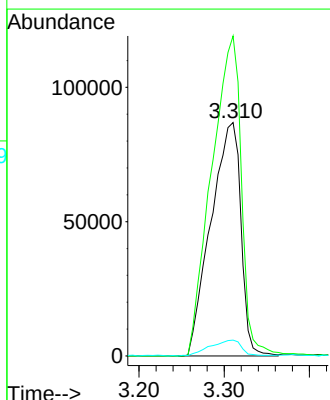
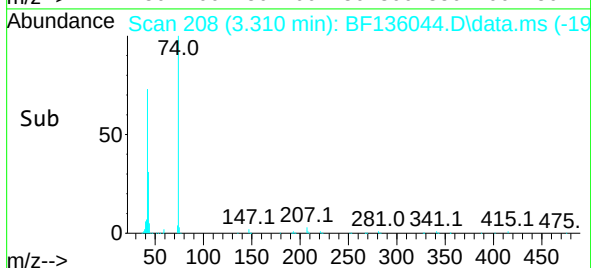
11/01/2023

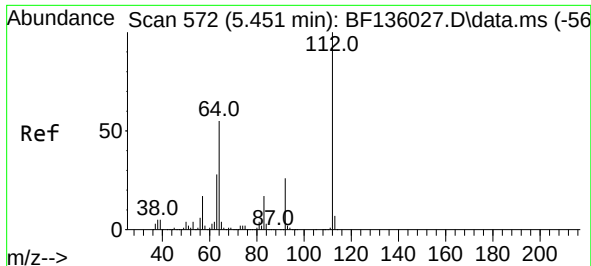


#4  
n-Nitrosodimethylamine  
Concen: 39.219 ng  
RT: 3.310 min Scan# 208  
Delta R.T. 0.006 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26



Tgt Ion: 42 Resp: 212606  
Ion Ratio Lower Upper  
42 100  
74 137.1 111.8 167.6  
44 6.8 6.2 9.4



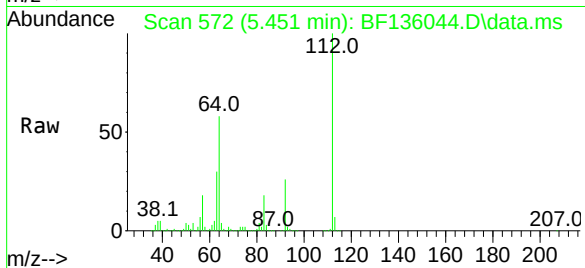


#5  
2-Fluorophenol  
Concen: 77.948 ng  
RT: 5.451 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

Instrument :

BNA\_F

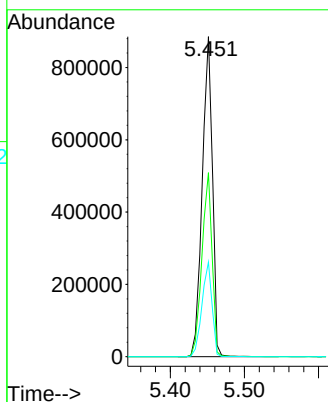
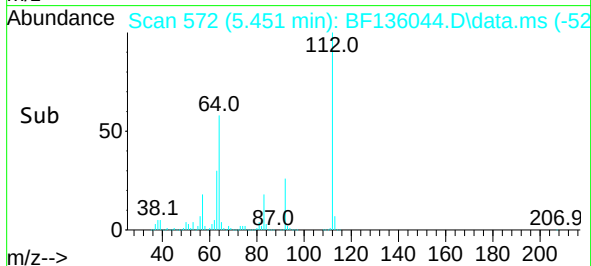
ClientSampleId :



Tgt Ion: 112 Resp: 850310  
Ion Ratio Lower Upper  
112 100  
64 57.5 43.9 65.9  
63 29.6 22.4 33.6

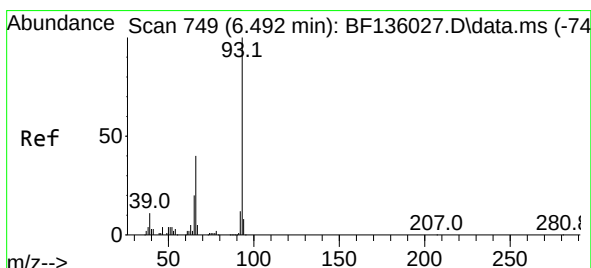
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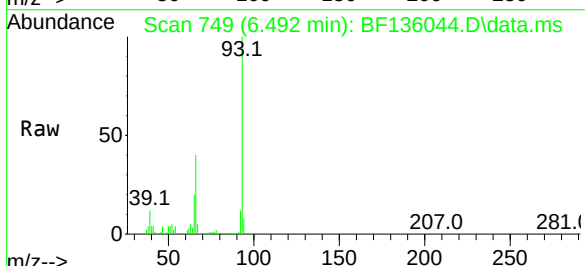


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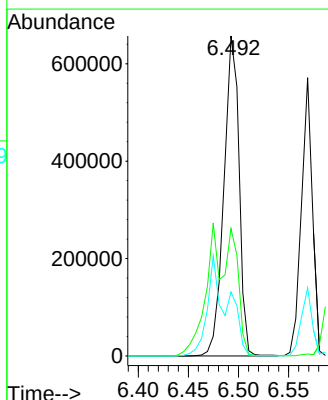
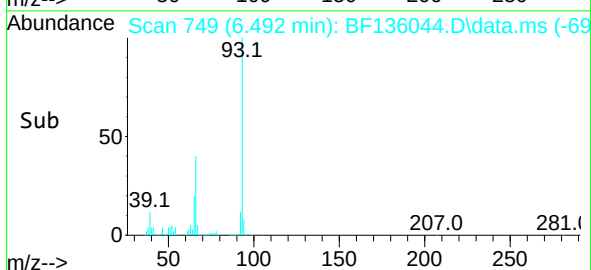
11/01/2023

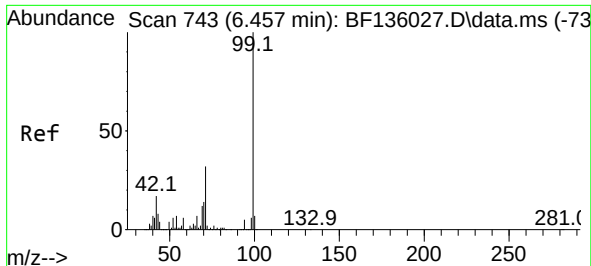


#6  
Aniline  
Concen: 39.346 ng  
RT: 6.492 min Scan# 749  
Delta R.T. 0.000 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26



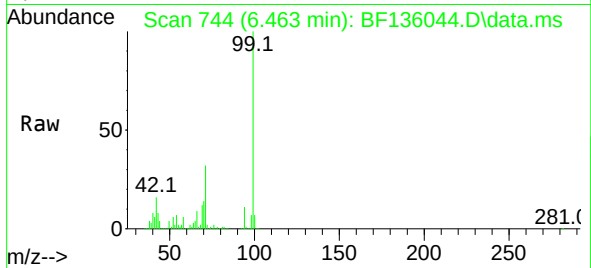
Tgt Ion: 93 Resp: 692365  
Ion Ratio Lower Upper  
93 100  
66 39.8 32.4 48.6  
65 20.0 16.2 24.2





#7  
Phenol-d6  
Concen: 77.780 ng  
RT: 6.463 min Scan# 743  
Delta R.T. 0.006 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

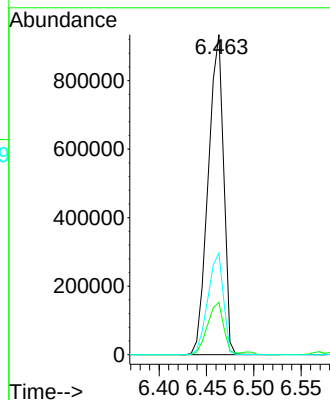
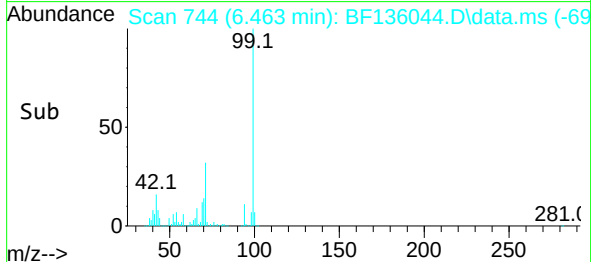
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion: 99 Resp: 105714  
Ion Ratio Lower Upper  
99 100  
42 16.4 13.7 20.5  
71 31.7 25.9 38.9

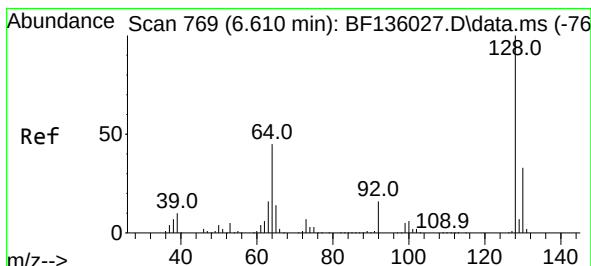
Manual Integrations  
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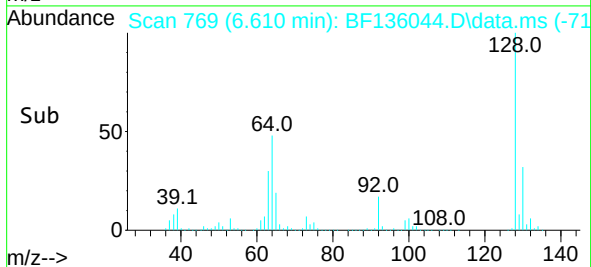
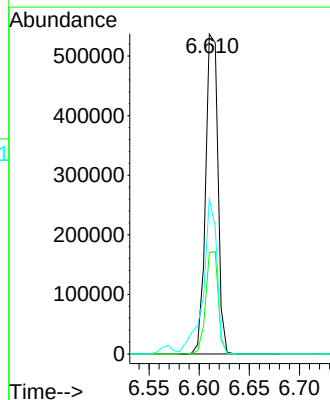
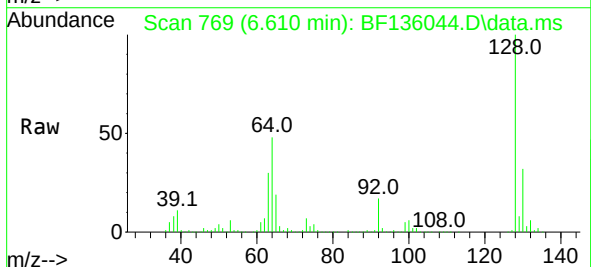
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ahmed

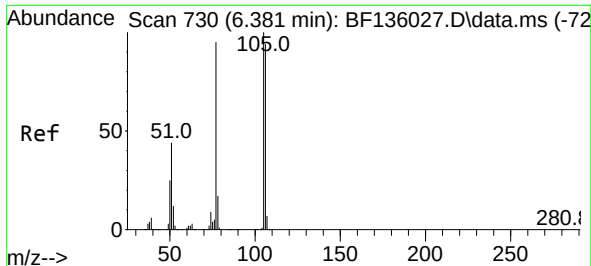
11/01/2023



#8  
2-Chlorophenol  
Concen: 39.534 ng  
RT: 6.610 min Scan# 769  
Delta R.T. 0.000 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

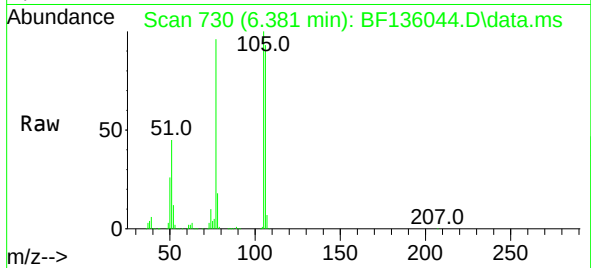
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Ion Ratio Lower Upper  
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130 31.7 12.8 52.8  
64 48.2 25.8 65.8





#9  
Benzaldehyde  
Concen: 39.212 ng  
RT: 6.381 min Scan# 730  
Delta R.T. 0.000 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

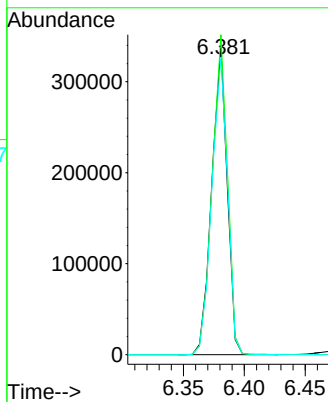
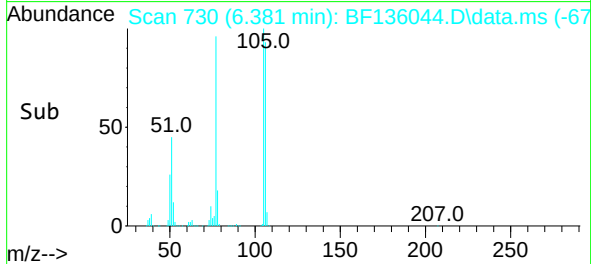
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion: 77 Resp: 29717  
Ion Ratio Lower Upper  
77 100  
105 104.2 85.7 125.7  
106 97.0 79.8 119.8

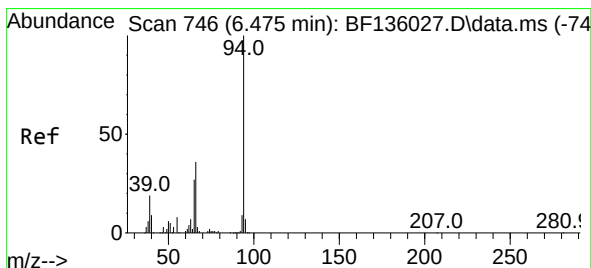
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel

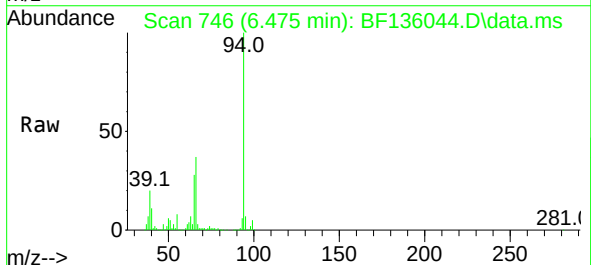


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Supervised By :mohammad  
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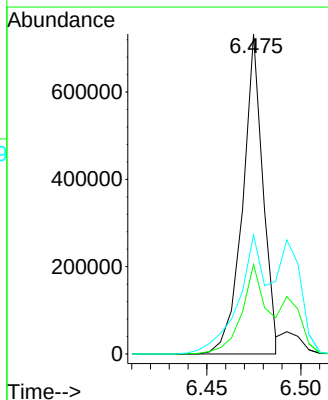
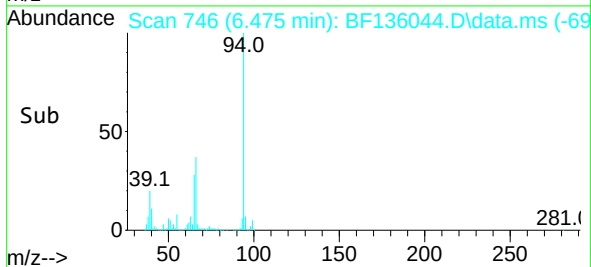
11/01/2023



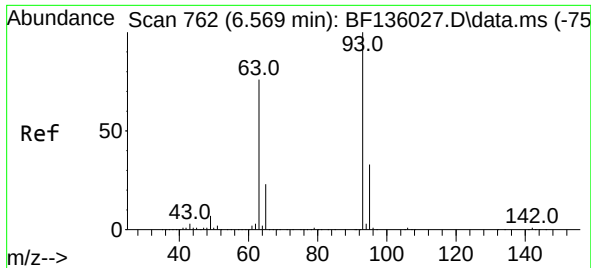
#10  
Phenol  
Concen: 39.201 ng m  
RT: 6.475 min Scan# 746  
Delta R.T. 0.000 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26



Tgt Ion: 94 Resp: 551085  
Ion Ratio Lower Upper  
94 100  
65 28.0 7.5 47.5  
66 37.2 17.1 57.1

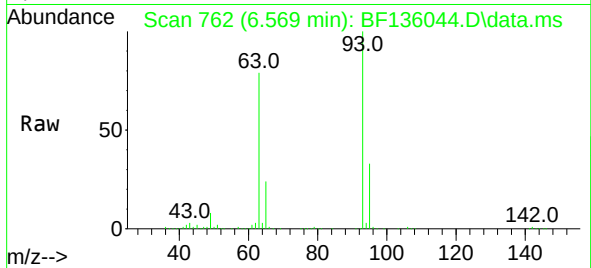






#11  
bis(2-Chloroethyl)ether  
Concen: 39.530 ng  
RT: 6.569 min Scan# 762  
Delta R.T. 0.000 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

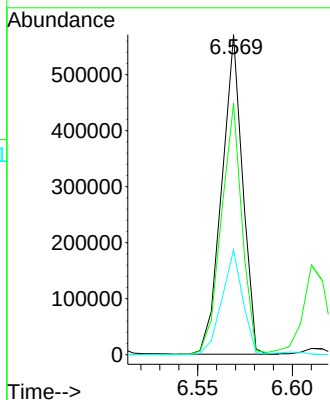
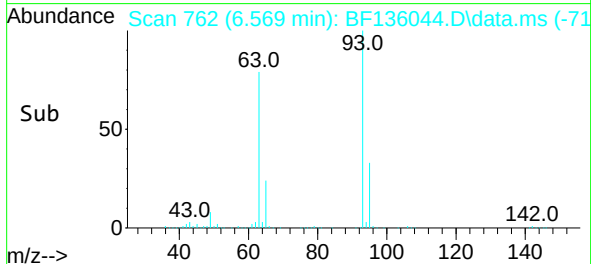
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion: 93 Resp: 435038  
Ion Ratio Lower Upper  
93 100  
63 78.6 55.8 95.8  
95 32.8 12.9 52.9

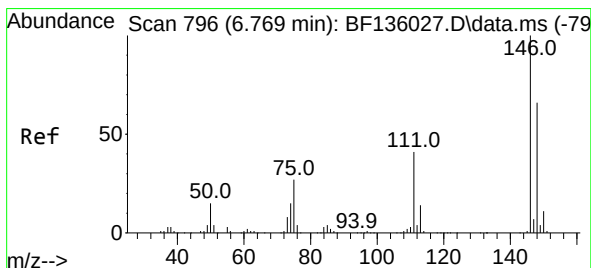
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



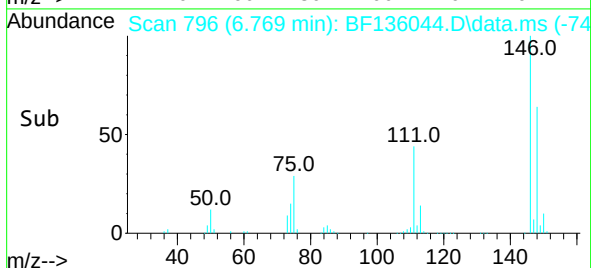
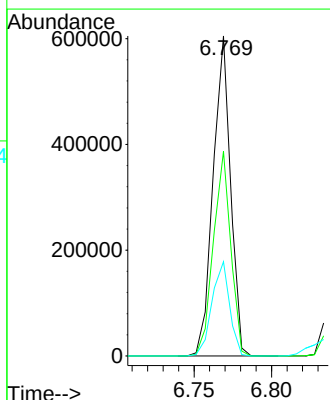
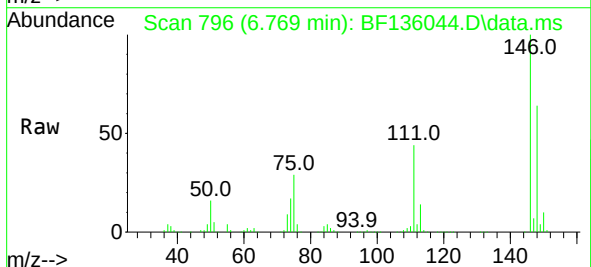
11/01/2023  
Supervised By :mohammad  
ahmed

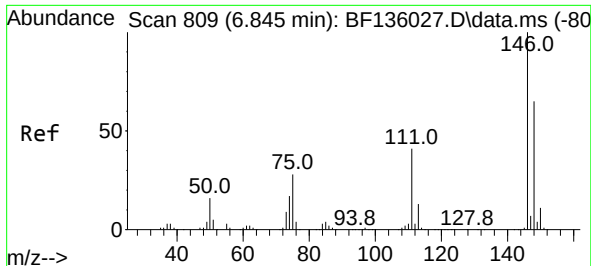
11/01/2023



#12  
1,3-Dichlorobenzene  
Concen: 38.986 ng  
RT: 6.769 min Scan# 796  
Delta R.T. 0.000 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

Tgt Ion:146 Resp: 473224  
Ion Ratio Lower Upper  
146 100  
148 63.9 52.6 78.8  
75 29.4 21.6 32.4





#13

1,4-Dichlorobenzene

Concen: 39.356 ng

RT: 6.845 min Scan# 809

Delta R.T. 0.000 min

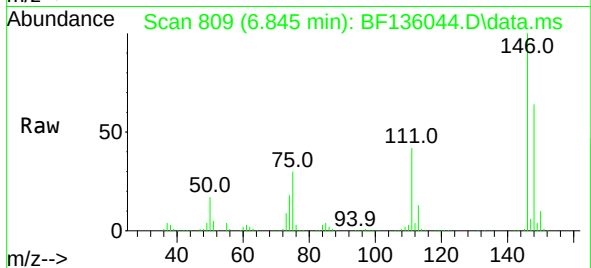
Lab File: BF136044.D

Acq: 31 Oct 2023 11:26

Instrument :

BNA\_F

ClientSampleId :



Tgt Ion:146 Resp: 47875

Ion Ratio Lower Upper

146 100

148 64.5 52.1 78.1

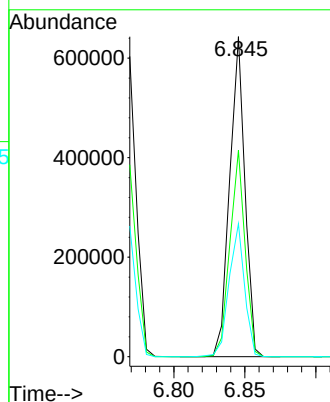
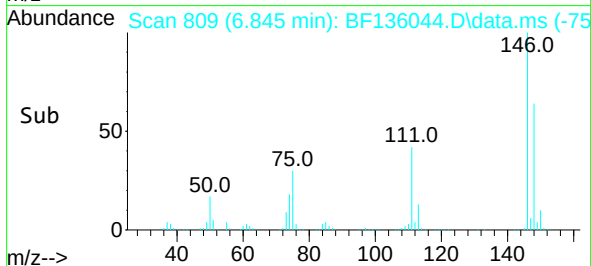
111 41.6 32.6 48.8

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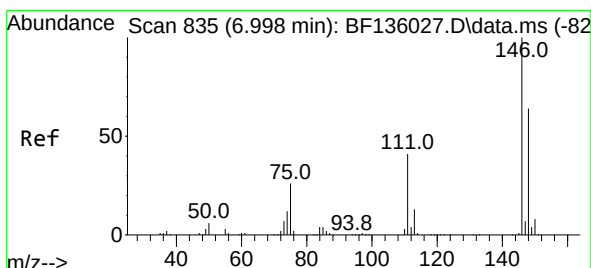
Patel



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#14

1,2-Dichlorobenzene

Concen: 38.971 ng

RT: 6.998 min Scan# 835

Delta R.T. 0.000 min

Lab File: BF136044.D

Acq: 31 Oct 2023 11:26

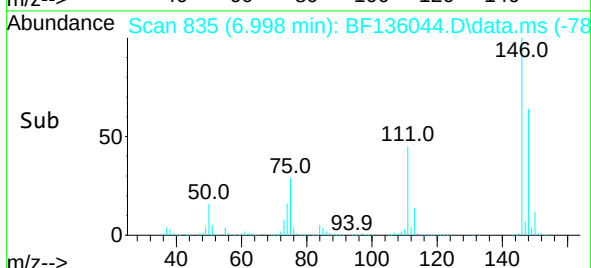
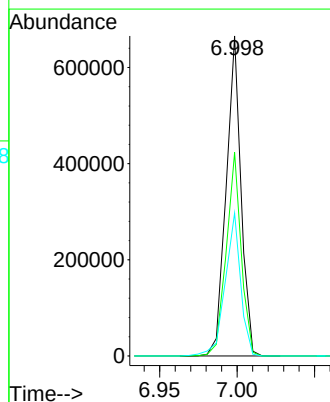
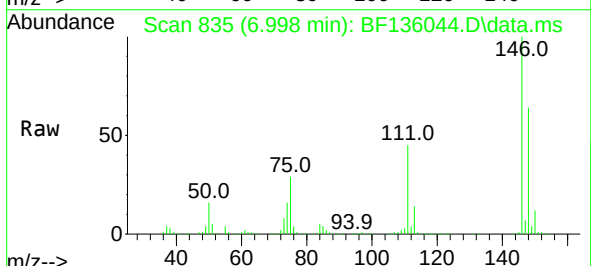
Tgt Ion:146 Resp: 443277

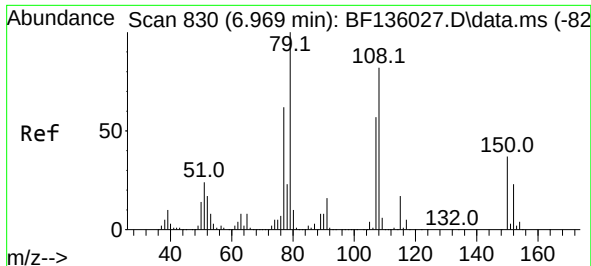
Ion Ratio Lower Upper

146 100

148 63.6 51.4 77.2

111 44.7 33.0 49.4



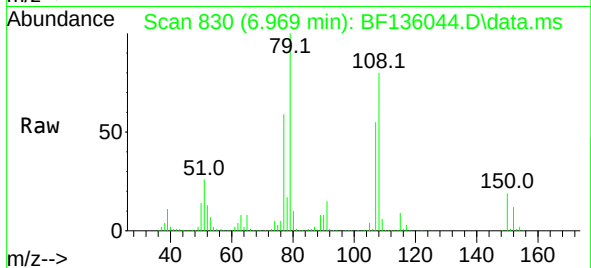


#15  
Benzyl Alcohol  
Concen: 40.560 ng  
RT: 6.969 min Scan# 830  
Delta R.T. 0.000 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

Instrument :

BNA\_F

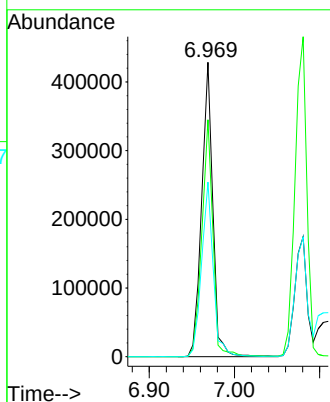
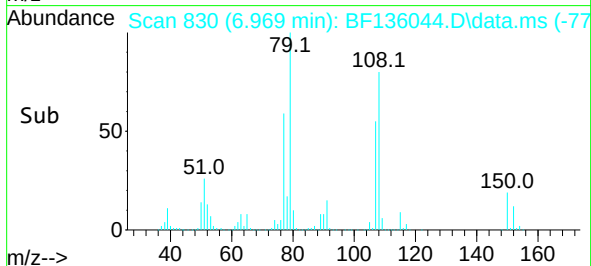
ClientSampleId :



Tgt Ion: 79 Resp: 390882  
Ion Ratio Lower Upper  
79 100  
108 80.5 65.9 98.9  
77 59.3 49.4 74.2

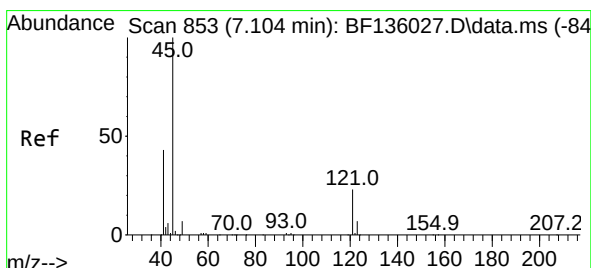
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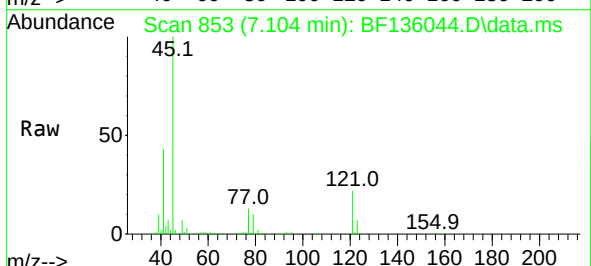


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Supervised By :mohammad  
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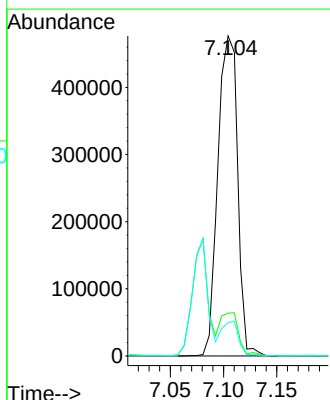
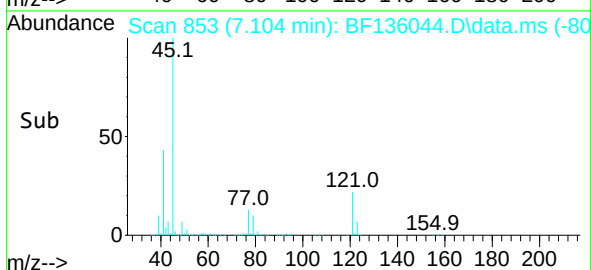
11/01/2023

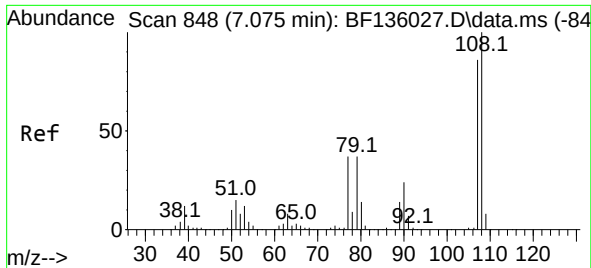


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.487 ng  
RT: 7.104 min Scan# 853  
Delta R.T. 0.000 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26



Tgt Ion: 45 Resp: 613299  
Ion Ratio Lower Upper  
45 100  
77 13.4 0.0 34.6  
79 10.5 0.0 30.6



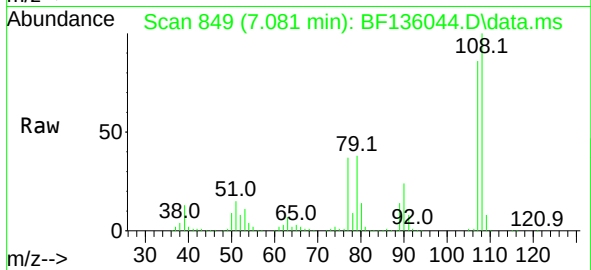


#17  
2-Methylphenol  
Concen: 39.429 ng  
RT: 7.081 min Scan# 848  
Delta R.T. 0.006 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

Instrument :

BNA\_F

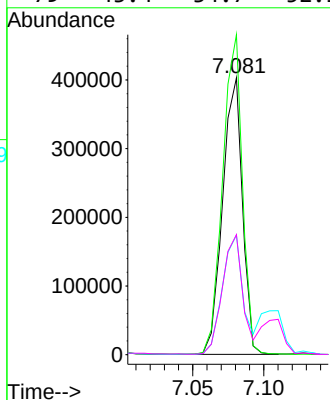
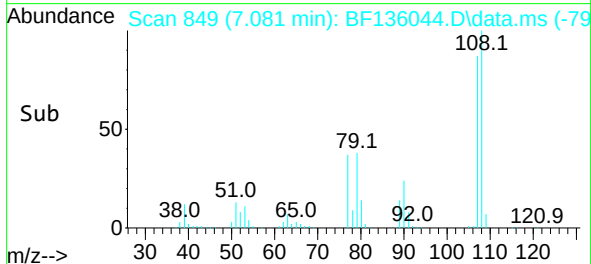
ClientSampleId :



Tgt Ion:107 Resp: 390100  
Ion Ratio Lower Upper  
107 100  
108 115.6 93.4 140.2  
77 43.2 34.4 51.6  
79 43.4 34.7 52.1

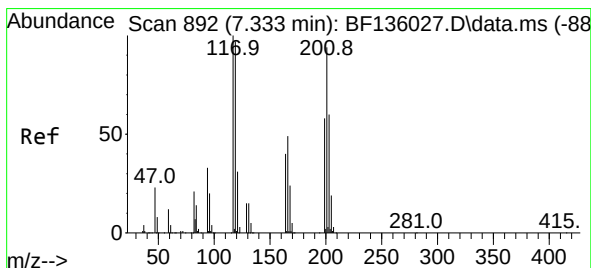
Manual Integrations  
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Patel



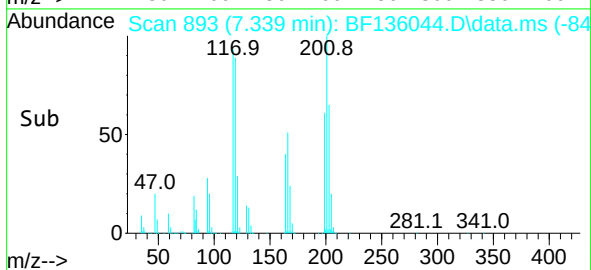
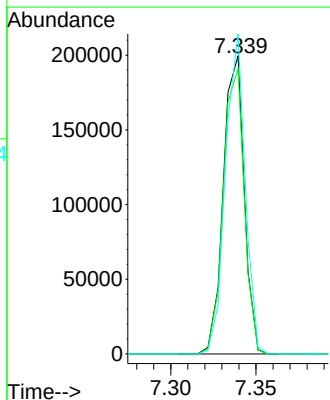
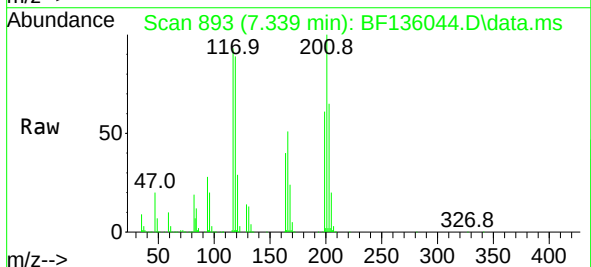
11/01/2023  
Supervised By :mohammad  
ahmed

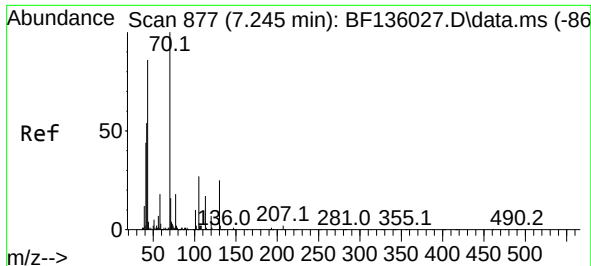
11/01/2023



#18  
Hexachloroethane  
Concen: 39.665 ng  
RT: 7.339 min Scan# 893  
Delta R.T. 0.006 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

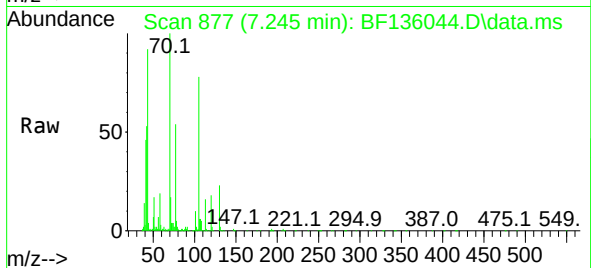
Tgt Ion:117 Resp: 169590  
Ion Ratio Lower Upper  
117 100  
119 95.6 77.7 116.5  
201 107.4 75.0 112.6





#19  
n-Nitroso-di-n-propylamine  
Concen: 39.232 ng  
RT: 7.245 min Scan# 877  
Delta R.T. 0.000 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

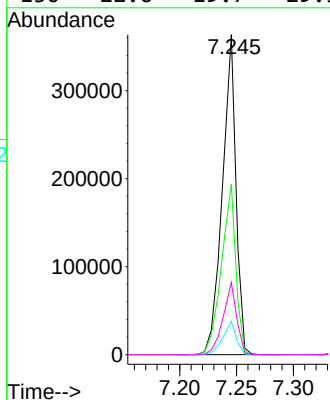
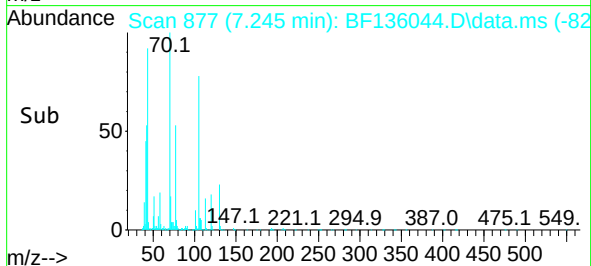
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion: 70 Resp: 304670  
Ion Ratio Lower Upper  
70 100  
42 53.2 43.0 64.4  
101 10.4 8.0 12.0  
130 22.6 19.7 29.5

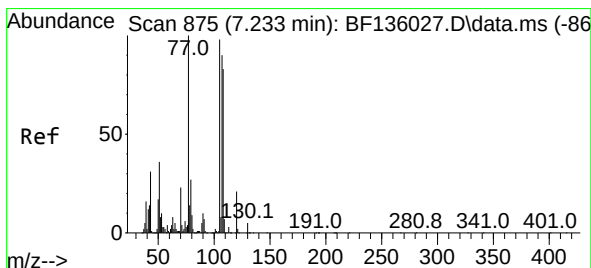
Manual Integrations  
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Reviewed By :Yogesh  
Patel

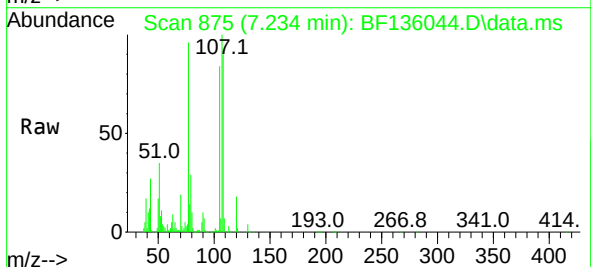


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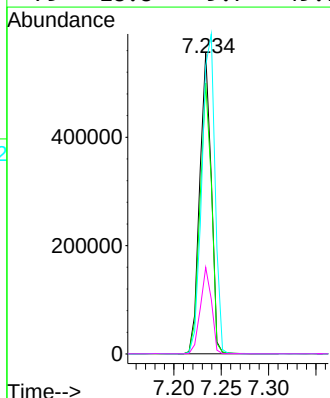
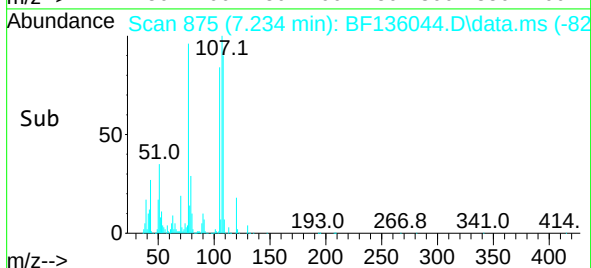
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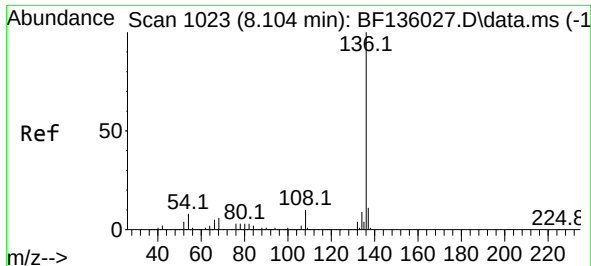


#20  
3+4-Methylphenols  
Concen: 38.917 ng  
RT: 7.234 min Scan# 875  
Delta R.T. 0.000 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26



Tgt Ion:107 Resp: 469510  
Ion Ratio Lower Upper  
107 100  
108 90.1 72.3 112.3  
77 96.0 91.4 131.4  
79 28.8 9.7 49.7



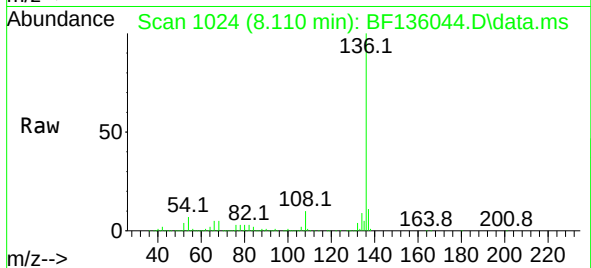


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.110 min Scan# 1024  
Delta R.T. 0.006 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

Instrument :

BNA\_F

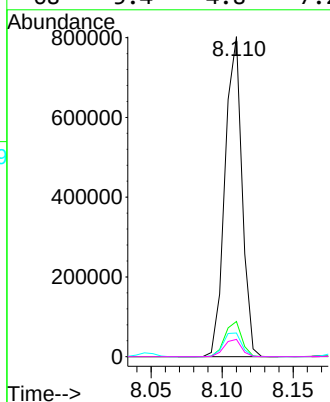
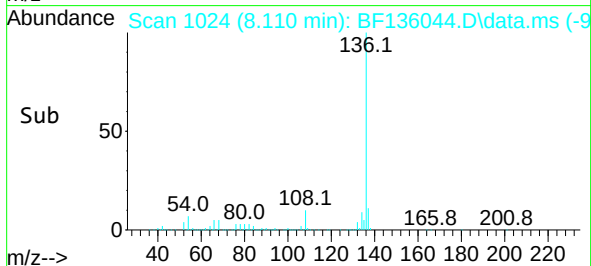
ClientSampleId :



Tgt Ion:136 Resp: 66835  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 13.0  
54 7.4 6.6 9.8  
68 5.4 4.8 7.2

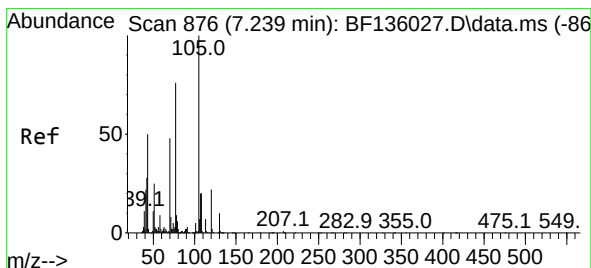
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



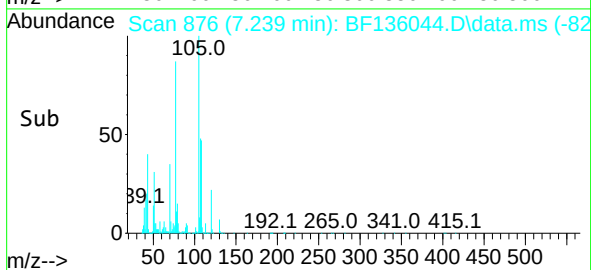
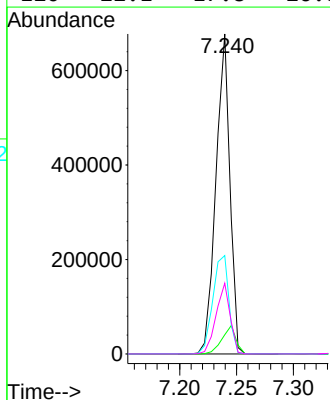
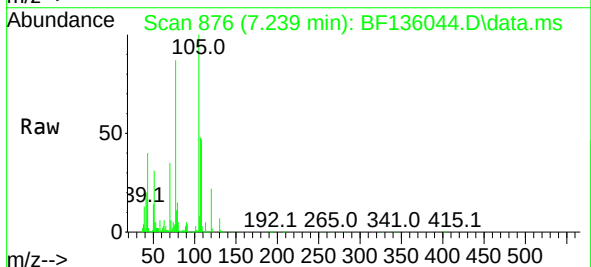
11/01/2023  
Supervised By :mohammad  
ahmed

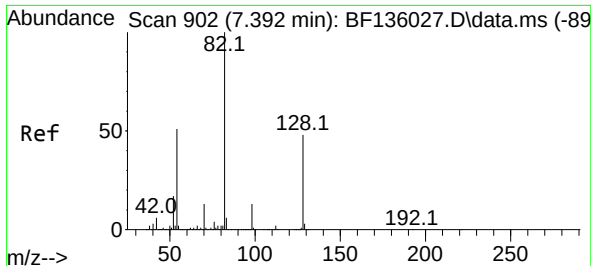
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#22  
Acetophenone  
Concen: 39.077 ng  
RT: 7.239 min Scan# 876  
Delta R.T. 0.000 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

Tgt Ion:105 Resp: 579136  
Ion Ratio Lower Upper  
105 100  
71 6.0 6.5 9.7#  
51 30.7 20.3 30.5#  
120 22.1 17.8 26.8



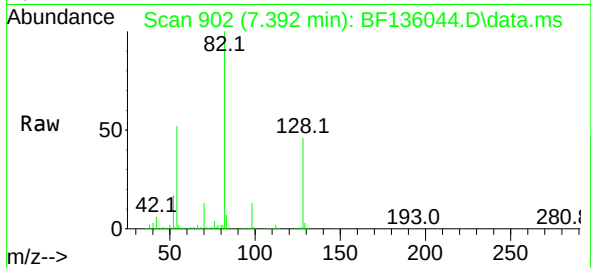


#23  
Nitrobenzene-d5  
Concen: 83.204 ng  
RT: 7.392 min Scan# 902  
Delta R.T. 0.000 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

Instrument :

BNA\_F

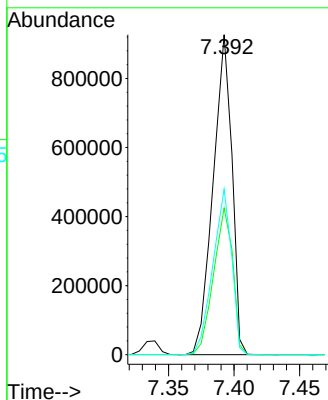
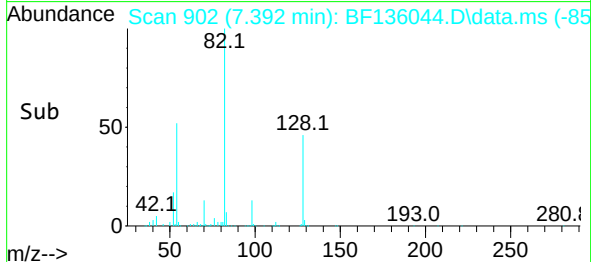
ClientSampleId :



Tgt Ion: 82 Resp: 922480  
Ion Ratio Lower Upper  
82 100  
128 45.9 38.6 57.8  
54 51.7 40.8 61.2

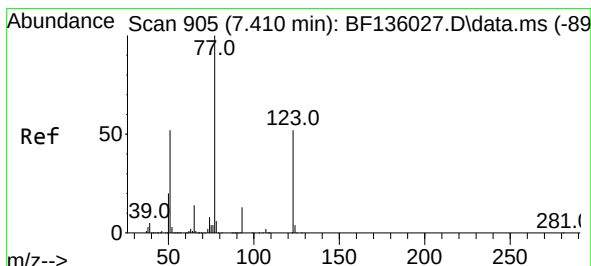
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel

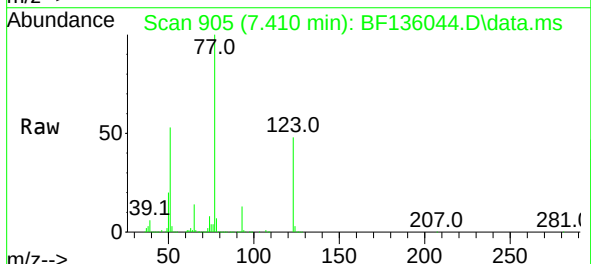


11/01/2023  
Supervised By :mohammad  
ahmed

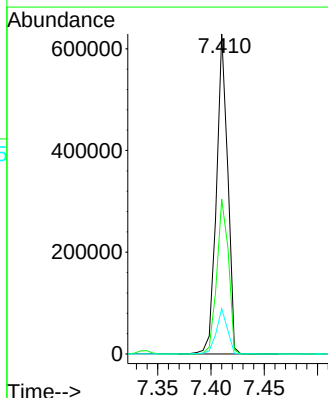
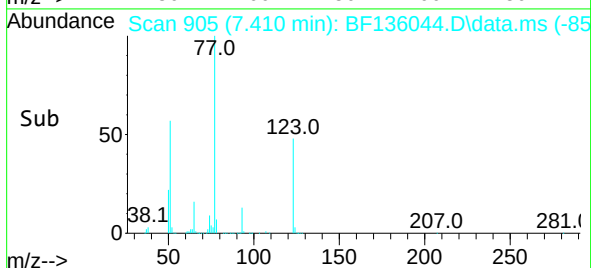
11/01/2023

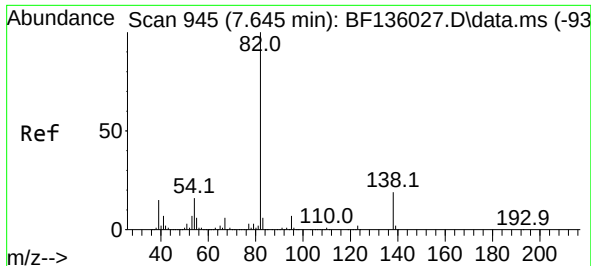


#24  
Nitrobenzene  
Concen: 41.203 ng  
RT: 7.410 min Scan# 905  
Delta R.T. 0.000 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26



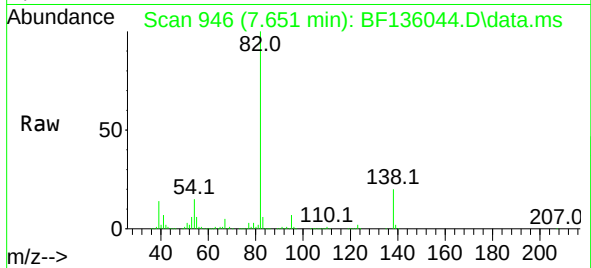
Tgt Ion: 77 Resp: 462083  
Ion Ratio Lower Upper  
77 100  
123 48.4 42.3 63.5  
65 14.1 11.0 16.6





#25  
Isophorone  
Concen: 41.112 ng  
RT: 7.651 min Scan# 945  
Delta R.T. 0.006 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

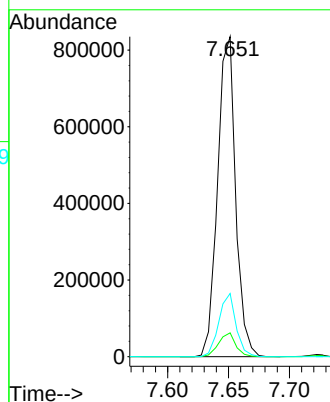
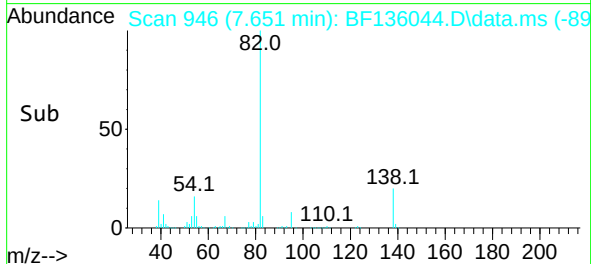
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion: 82 Resp: 86052  
Ion Ratio Lower Upper  
82 100  
95 7.5 5.9 8.9  
138 19.8 15.3 22.9

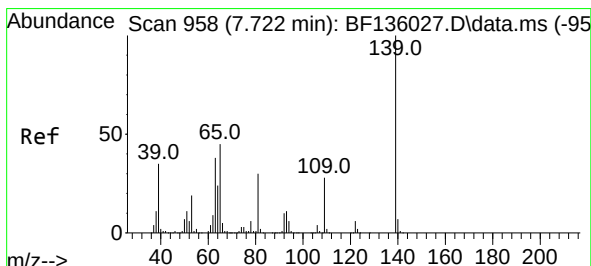
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



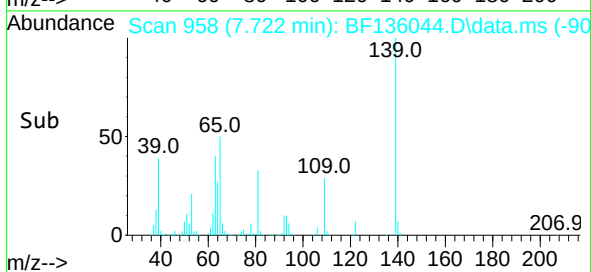
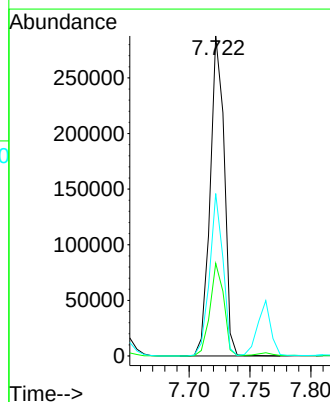
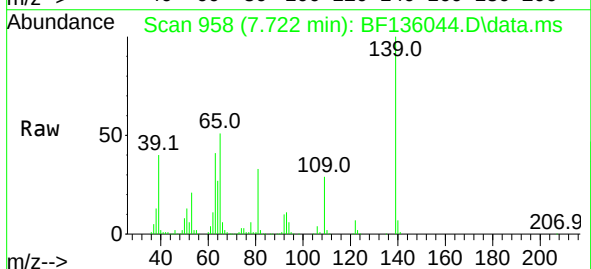
11/01/2023  
Supervised By :mohammad  
ahmed

11/01/2023

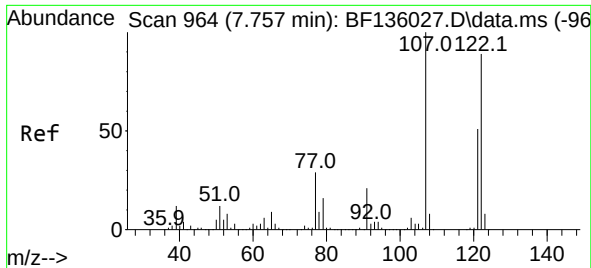


#26  
2-Nitrophenol  
Concen: 45.099 ng  
RT: 7.722 min Scan# 958  
Delta R.T. 0.000 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

Tgt Ion:139 Resp: 230758  
Ion Ratio Lower Upper  
139 100  
109 29.0 22.6 34.0  
65 50.8 36.3 54.5





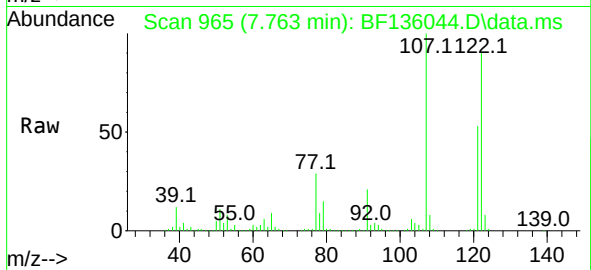


#27  
2,4-Dimethylphenol  
Concen: 40.928 ng  
RT: 7.763 min Scan# 90  
Delta R.T. 0.006 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

Instrument :

BNA\_F

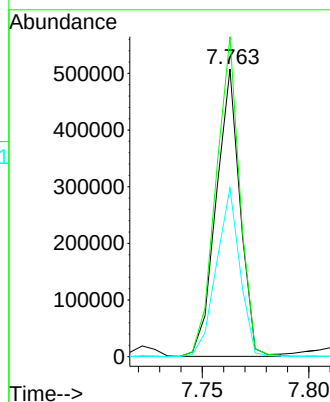
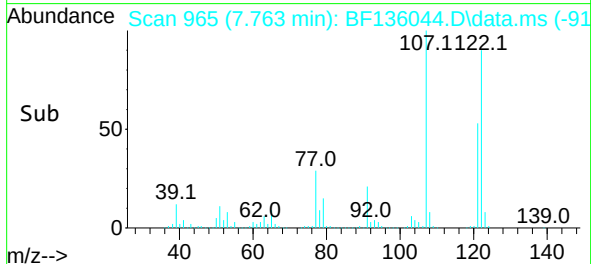
ClientSampleId :



Tgt Ion:122 Resp: 395724  
Ion Ratio Lower Upper  
122 100  
107 111.3 89.6 134.4  
121 58.8 46.0 69.0

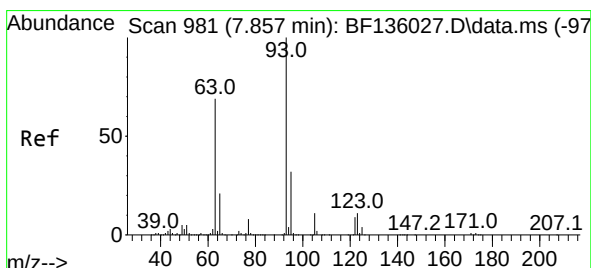
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel

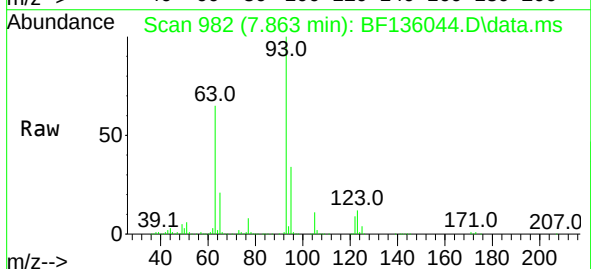


11/01/2023  
Supervised By :mohammad  
ahmed

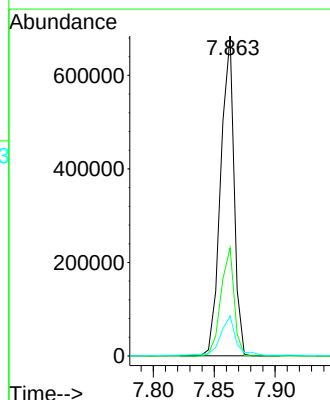
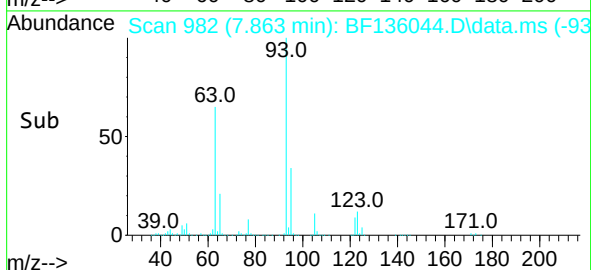
11/01/2023

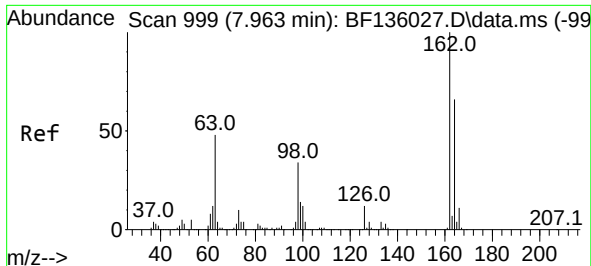


#28  
bis(2-Chloroethoxy)methane  
Concen: 40.833 ng  
RT: 7.863 min Scan# 982  
Delta R.T. 0.006 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26



Tgt Ion: 93 Resp: 523664  
Ion Ratio Lower Upper  
93 100  
95 33.8 25.7 38.5  
123 12.5 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 41.589 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.000 min

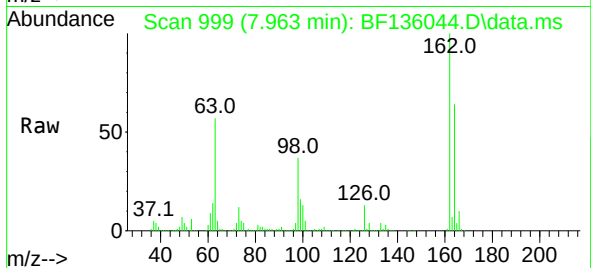
Lab File: BF136044.D

Acq: 31 Oct 2023 11:26

Instrument :

BNA\_F

ClientSampleId :



Tgt Ion:162 Resp: 37909

Ion Ratio Lower Upper

162 100

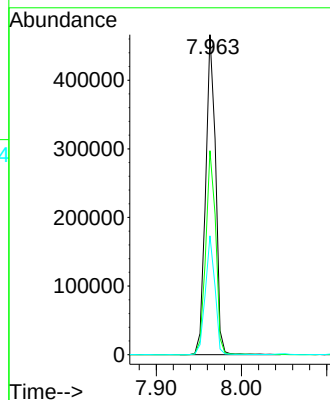
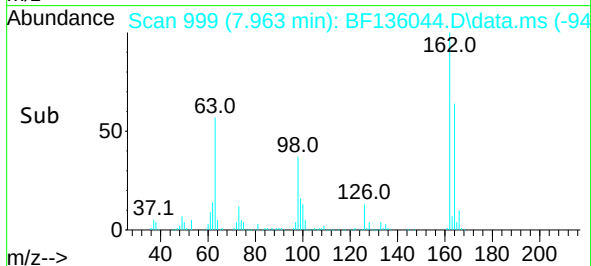
164 63.7 45.5 85.5

98 37.1 14.4 54.4

Manual Integrations

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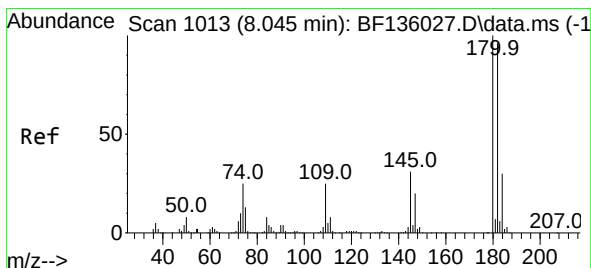
Reviewed By :Yogesh  
Patel



11/01/2023

Supervised By :mohammad  
ahmed

11/01/2023



#30

1,2,4-Trichlorobenzene

Concen: 40.550 ng

RT: 8.051 min Scan# 1014

Delta R.T. 0.006 min

Lab File: BF136044.D

Acq: 31 Oct 2023 11:26

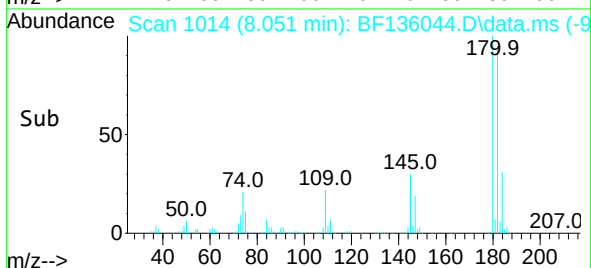
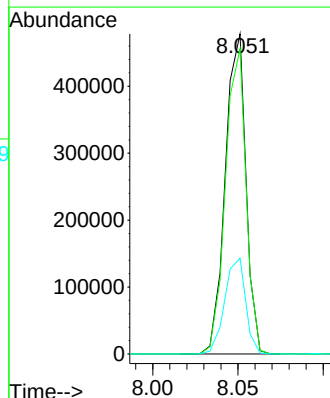
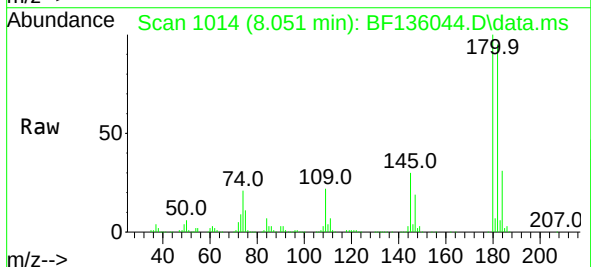
Tgt Ion:180 Resp: 403213

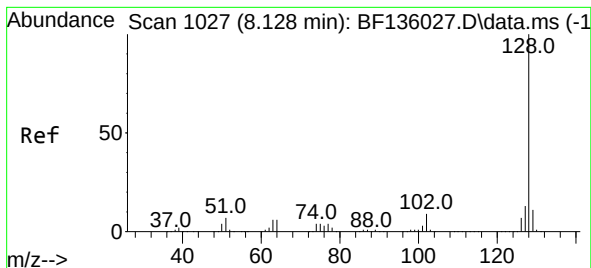
Ion Ratio Lower Upper

180 100

182 95.3 76.9 115.3

145 29.9 24.7 37.1



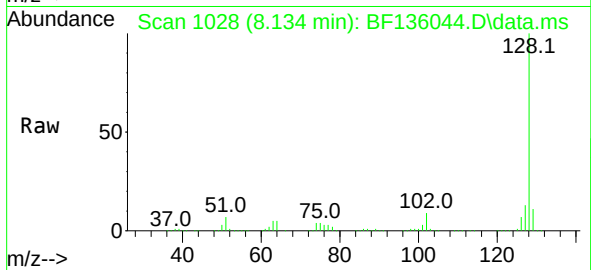


#31  
Naphthalene  
Concen: 40.299 ng  
RT: 8.134 min Scan# 1027  
Delta R.T. 0.006 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

Instrument :

BNA\_F

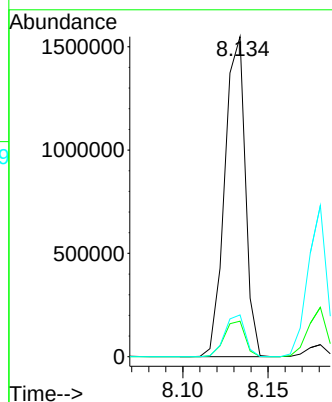
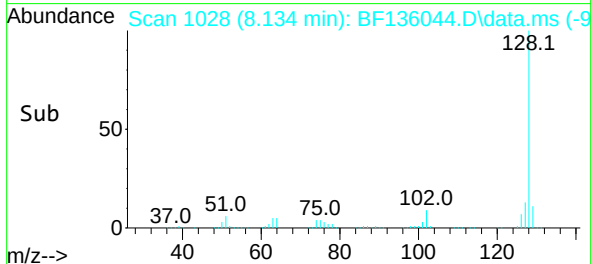
ClientSampleId :



Tgt Ion:128 Resp: 129881  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.9 13.3  
127 13.1 10.5 15.7

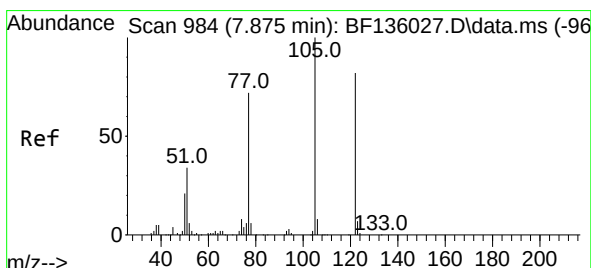
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



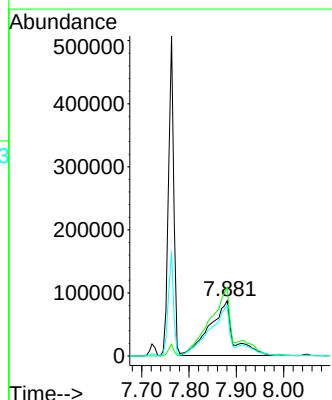
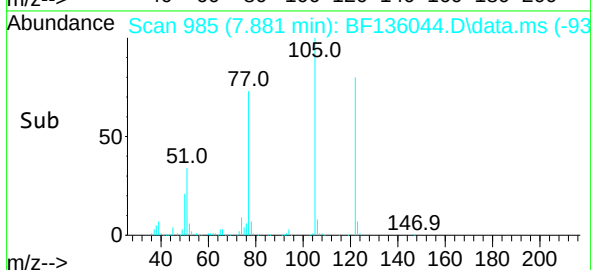
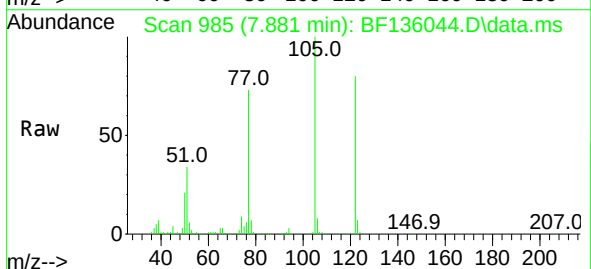
11/01/2023  
Supervised By :mohammad  
ahmed

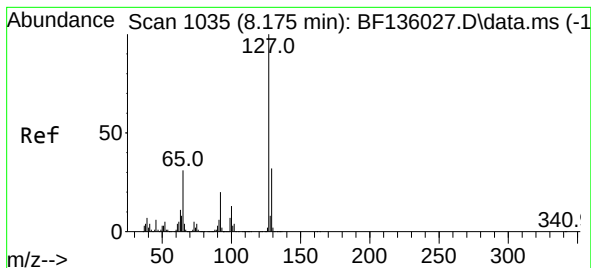
11/01/2023



#32  
Benzoic acid  
Concen: 40.677 ng m  
RT: 7.881 min Scan# 985  
Delta R.T. 0.006 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

Tgt Ion:122 Resp: 308303  
Ion Ratio Lower Upper  
122 100  
105 124.9 99.5 139.5  
77 91.5 66.8 106.8



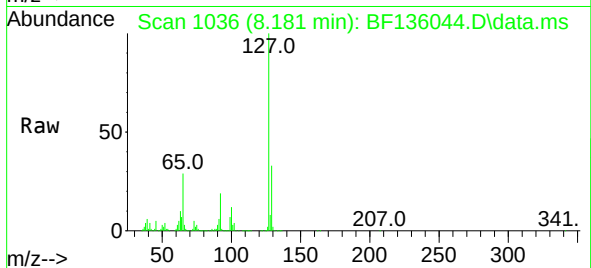


#33  
4-Chloroaniline  
Concen: 40.443 ng  
RT: 8.181 min Scan# 1036  
Delta R.T. 0.006 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

Instrument :

BNA\_F

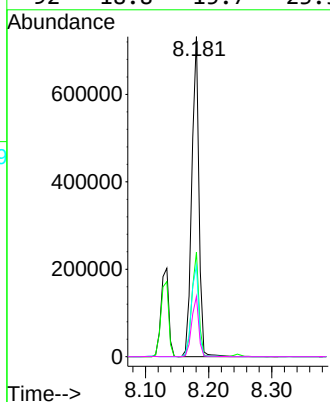
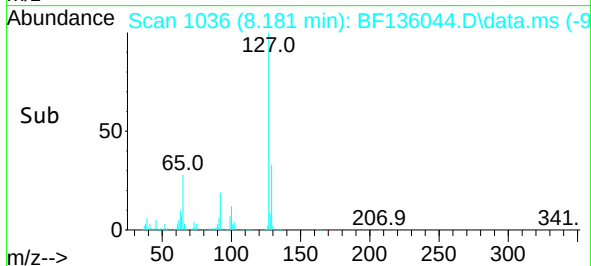
ClientSampleId :



Tgt Ion:127 Resp: 57081  
Ion Ratio Lower Upper  
127 100  
129 32.7 25.9 38.9  
65 28.5 24.6 37.0  
92 18.8 15.7 23.5

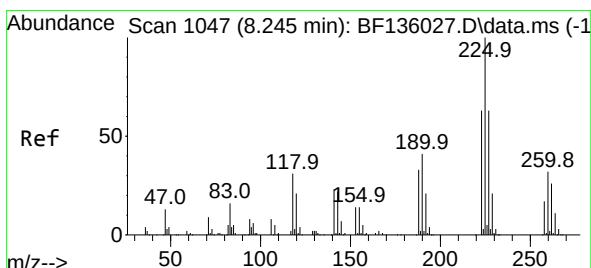
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



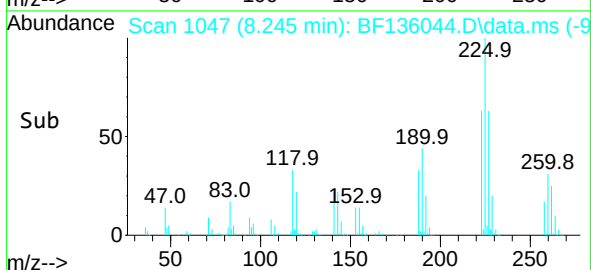
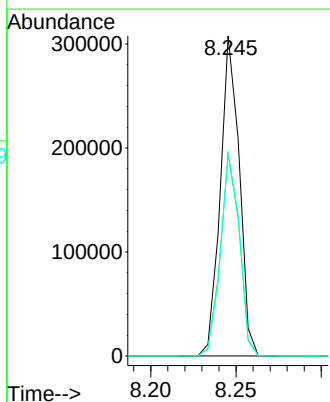
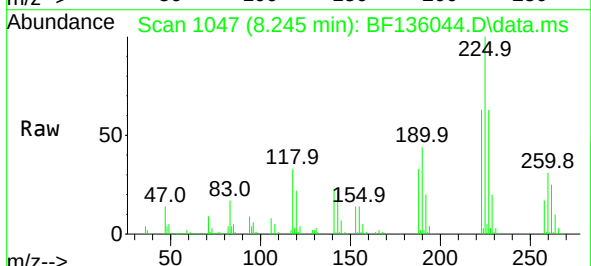
11/01/2023  
Supervised By :mohammad  
ahmed

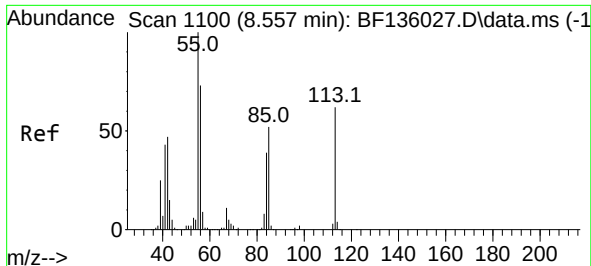
11/01/2023



#34  
Hexachlorobutadiene  
Concen: 41.649 ng  
RT: 8.245 min Scan# 1047  
Delta R.T. 0.000 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

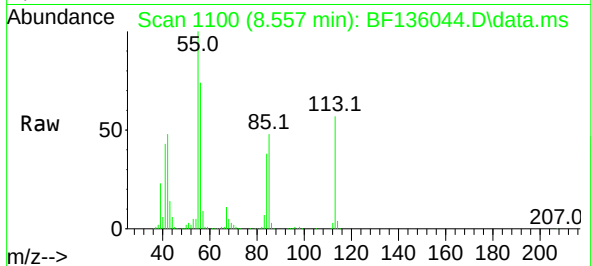
Tgt Ion:225 Resp: 237506  
Ion Ratio Lower Upper  
225 100  
223 63.2 50.3 75.5  
227 63.3 50.6 75.8





#35  
Caprolactam  
Concen: 41.900 ng  
RT: 8.557 min Scan# 1100  
Delta R.T. 0.000 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

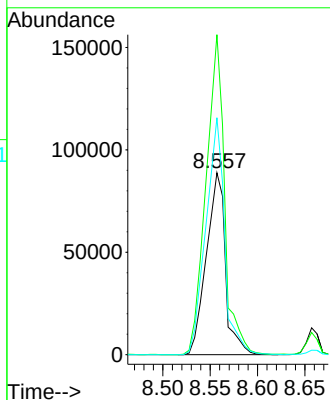
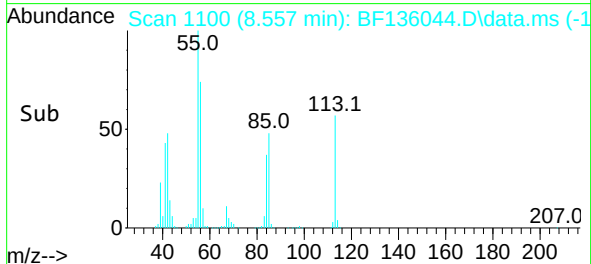
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:113 Resp: 124188  
Ion Ratio Lower Upper  
113 100  
55 175.8 142.2 182.2  
56 130.2 97.7 137.7

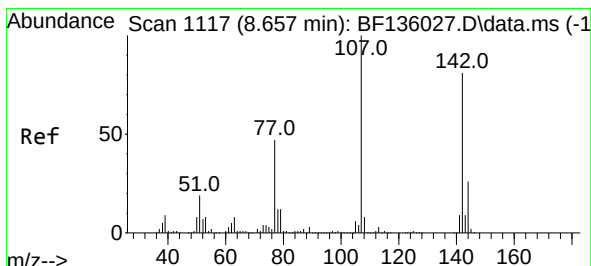
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



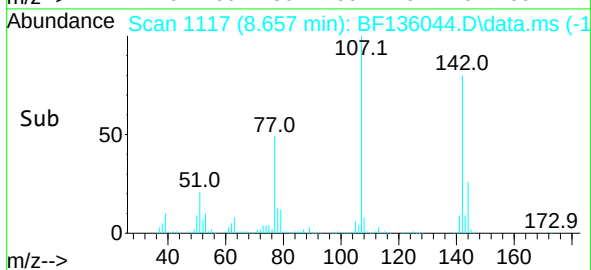
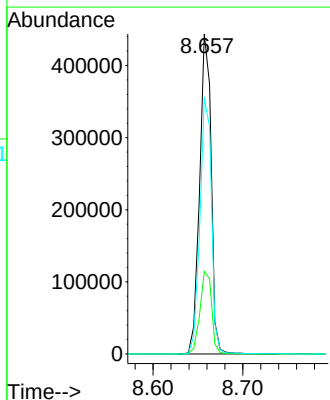
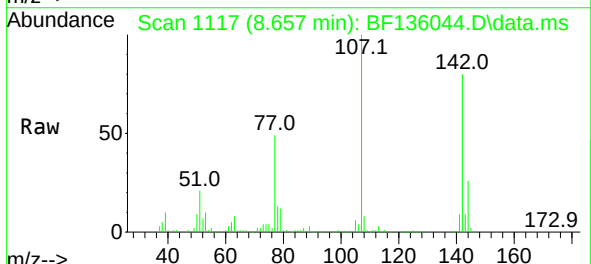
11/01/2023  
Supervised By :mohammad  
ahmed

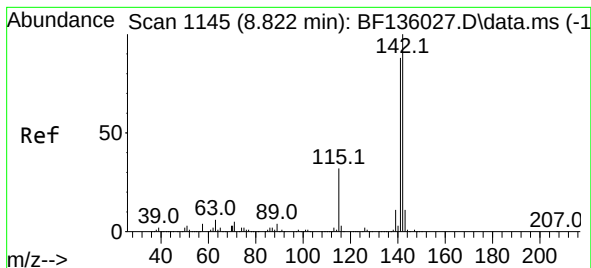
11/01/2023



#36  
4-Chloro-3-methylphenol  
Concen: 41.371 ng  
RT: 8.657 min Scan# 1117  
Delta R.T. 0.000 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

Tgt Ion:107 Resp: 395898  
Ion Ratio Lower Upper  
107 100  
144 25.8 20.6 31.0  
142 79.8 64.6 97.0





#37

2-Methylnaphthalene

Concen: 40.971 ng

RT: 8.822 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BF136044.D

Acq: 31 Oct 2023 11:26

Instrument :

BNA\_F

ClientSampleId :

Tgt Ion:142 Resp: 88538

Ion Ratio Lower Upper

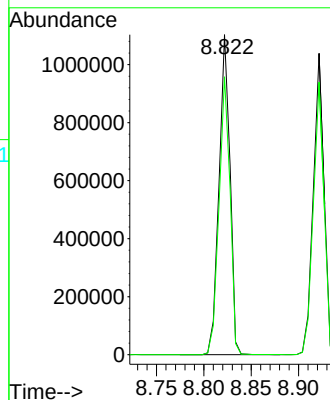
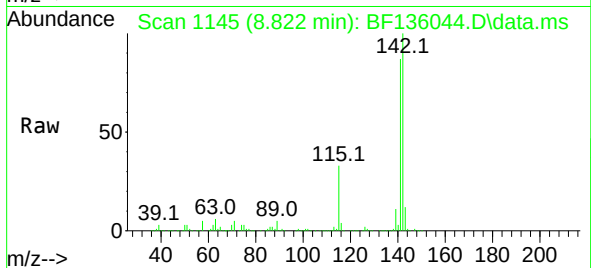
142 100

141 86.9 70.4 105.6

Manual Integrations

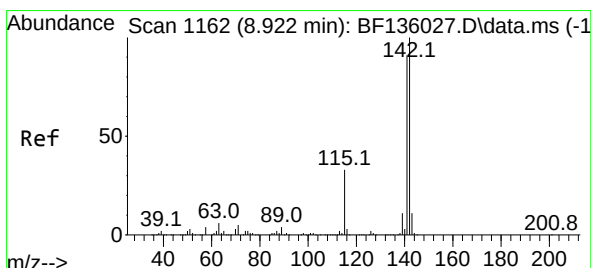
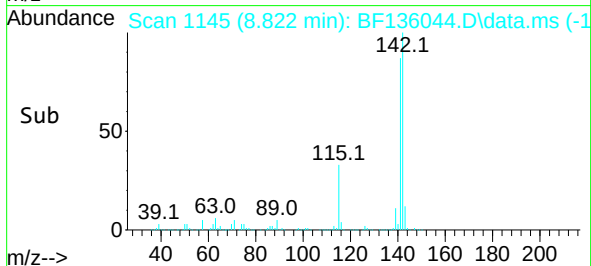
APPROVED

Reviewed By :Yogesh  
Patel



11/01/2023  
Supervised By :mohammad  
ahmed

11/01/2023



#38

1-Methylnaphthalene

Concen: 40.788 ng

RT: 8.922 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF136044.D

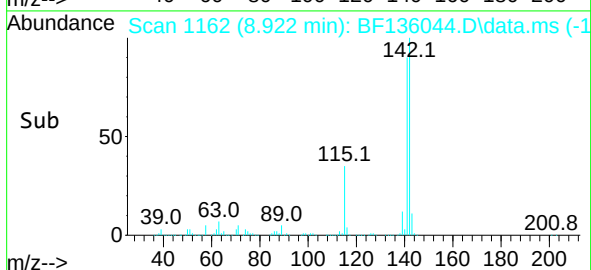
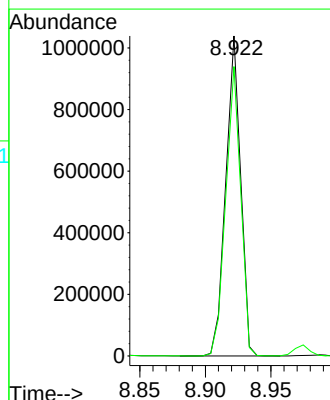
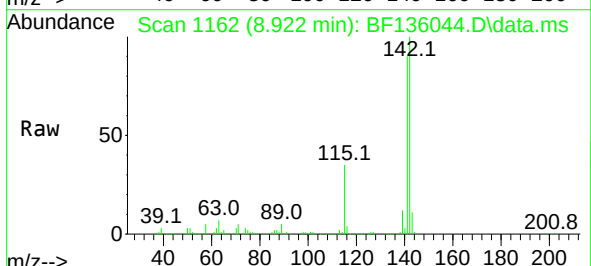
Acq: 31 Oct 2023 11:26

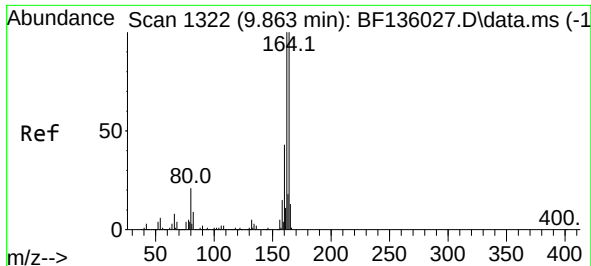
Tgt Ion:142 Resp: 820286

Ion Ratio Lower Upper

142 100

141 90.5 72.6 109.0



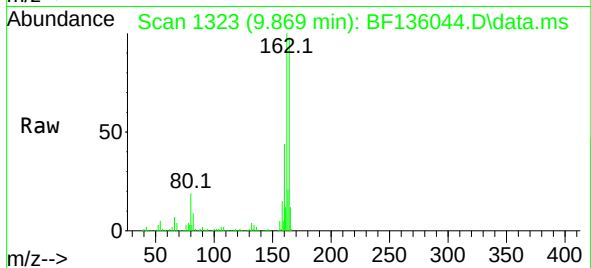


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.869 min Scan# 1173  
Delta R.T. 0.006 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

Instrument :

BNA\_F

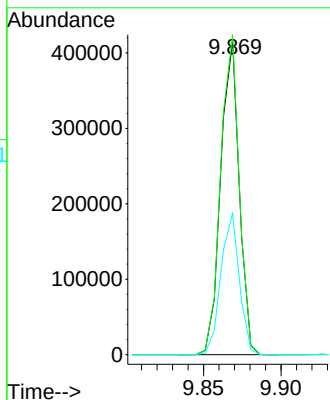
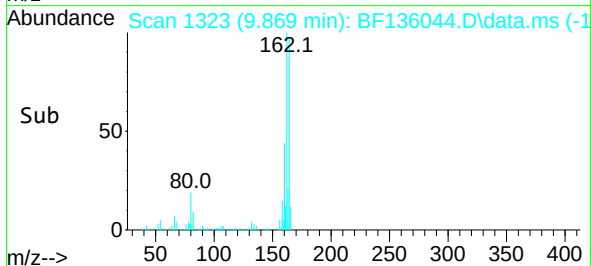
ClientSampleId :



Tgt Ion:164 Resp: 345378  
Ion Ratio Lower Upper  
164 100  
162 102.0 80.1 120.1  
160 45.0 34.8 52.2

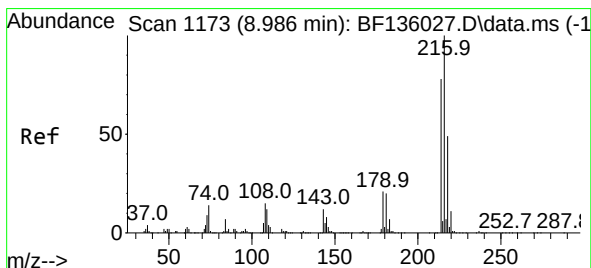
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel

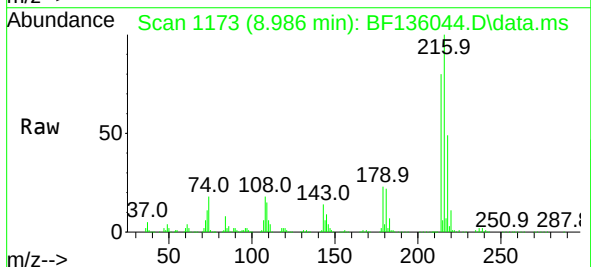


11/01/2023  
Supervised By :mohammad  
ahmed

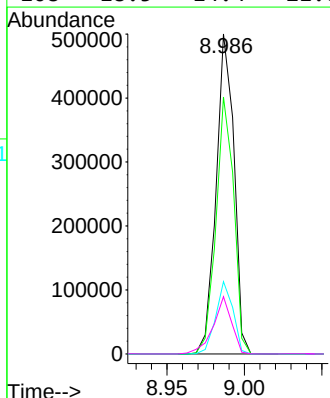
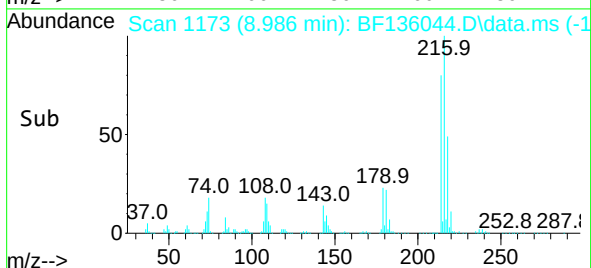
11/01/2023

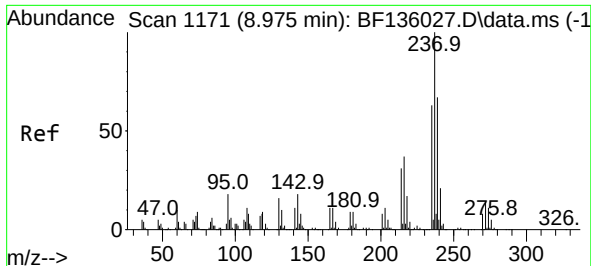


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.712 ng  
RT: 8.986 min Scan# 1173  
Delta R.T. 0.000 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26



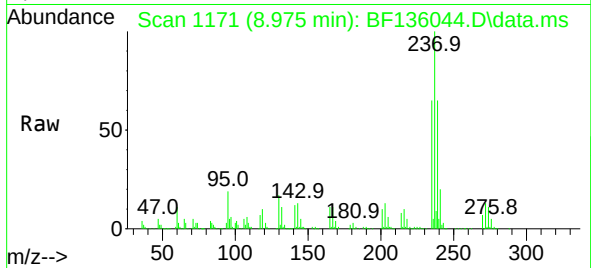
Tgt Ion:216 Resp: 401013  
Ion Ratio Lower Upper  
216 100  
214 79.4 63.8 95.6  
179 21.8 17.5 26.3  
108 18.5 14.4 21.6





#41  
Hexachlorocyclopentadiene  
Concen: 42.759 ng  
RT: 8.975 min Scan# 1171  
Delta R.T. 0.000 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

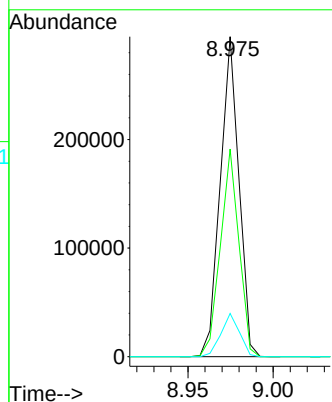
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:237 Resp: 225000  
Ion Ratio Lower Upper  
237 100  
235 64.9 43.3 83.3  
272 13.5 0.0 34.2

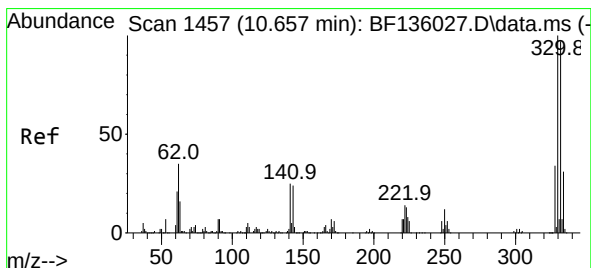
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



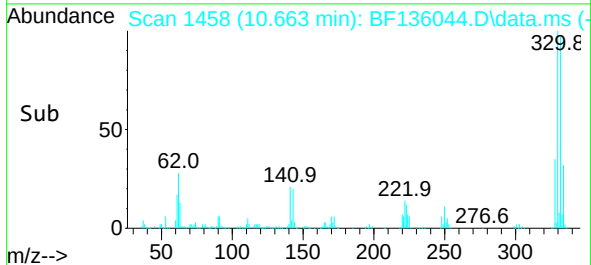
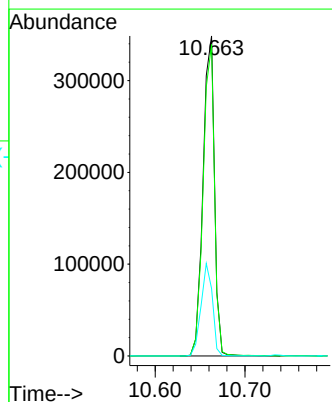
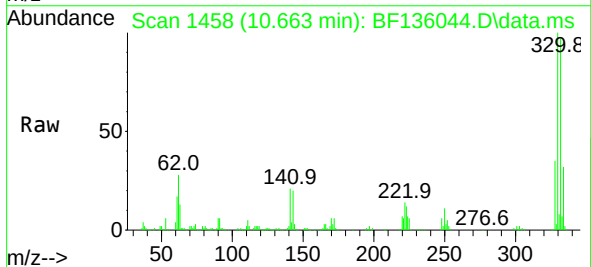
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ahmed

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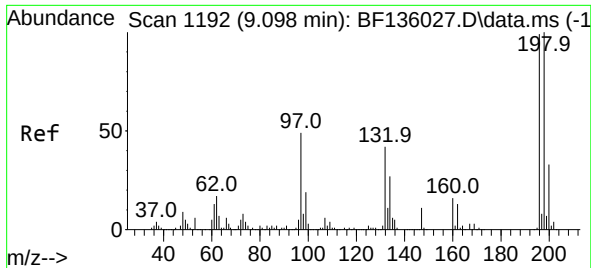


#42  
2,4,6-Tribromophenol  
Concen: 83.514 ng  
RT: 10.663 min Scan# 1458  
Delta R.T. 0.006 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

Tgt Ion:330 Resp: 307873  
Ion Ratio Lower Upper  
330 100  
332 96.7 76.9 115.3  
141 29.0 23.2 34.8

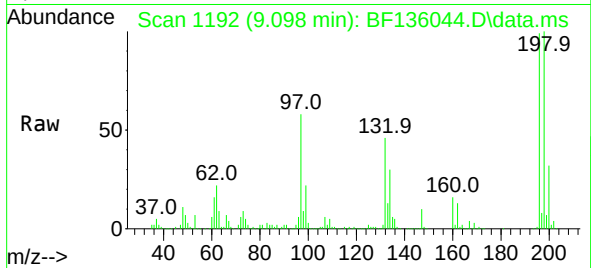






#43  
2,4,6-Trichlorophenol  
Concen: 41.425 ng  
RT: 9.098 min Scan# 1192  
Delta R.T. 0.000 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

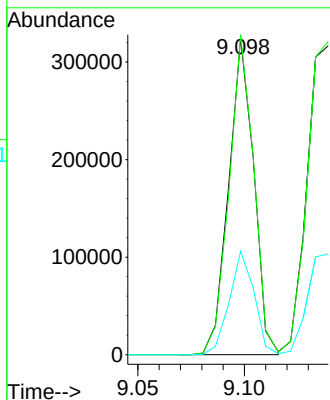
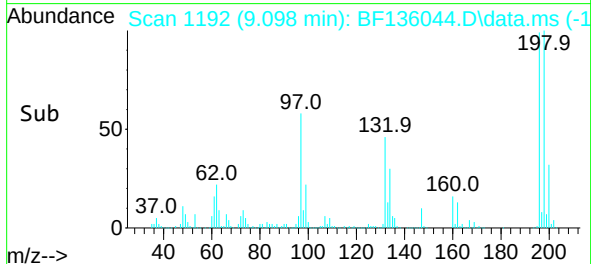
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:196 Resp: 26604  
Ion Ratio Lower Upper  
196 100  
198 101.2 80.7 121.1  
200 32.7 26.8 40.2

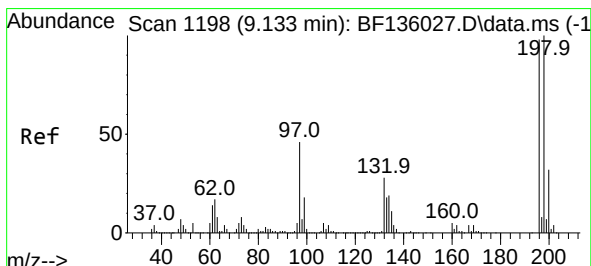
Manual Integrations  
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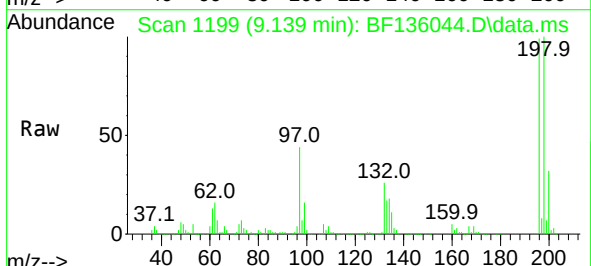


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Supervised By :mohammad  
ahmed

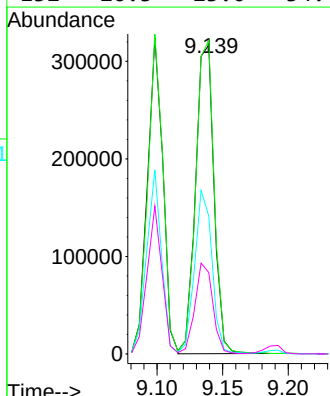
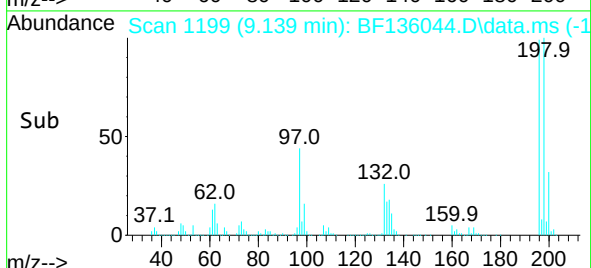
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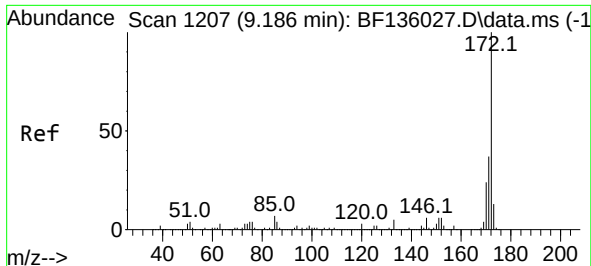


#44  
2,4,5-Trichlorophenol  
Concen: 41.712 ng  
RT: 9.139 min Scan# 1199  
Delta R.T. 0.006 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26



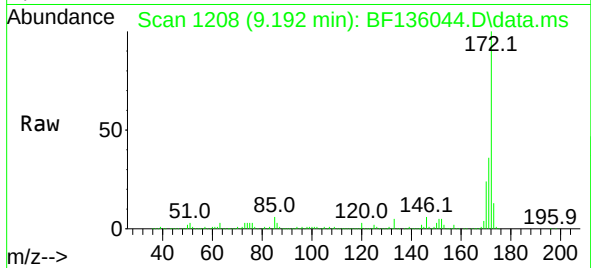
Tgt Ion:196 Resp: 310317  
Ion Ratio Lower Upper  
196 100  
198 101.5 81.6 122.4  
97 44.6 38.2 57.2  
132 26.3 23.0 34.4





#45  
2-Fluorobiphenyl  
Concen: 78.531 ng  
RT: 9.192 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

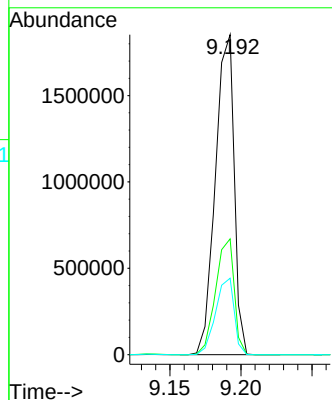
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:172 Resp: 1701450  
Ion Ratio Lower Upper  
172 100  
171 36.2 29.4 44.0  
170 23.9 19.3 28.9

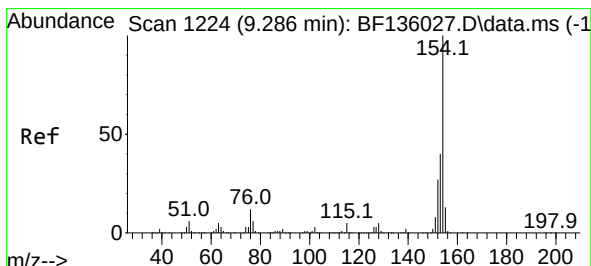
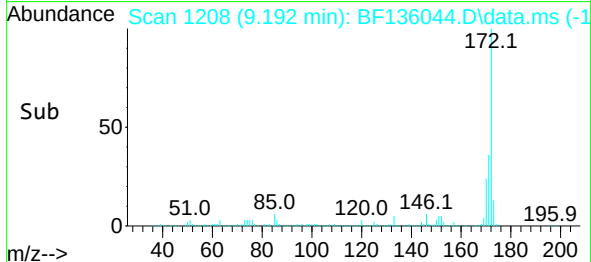
Manual Integrations  
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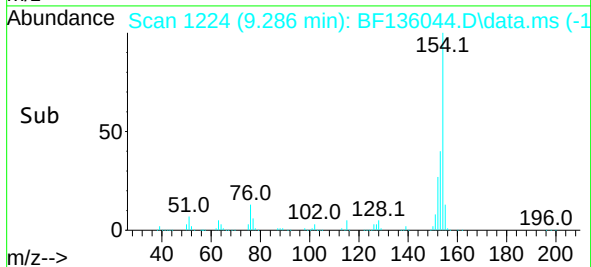
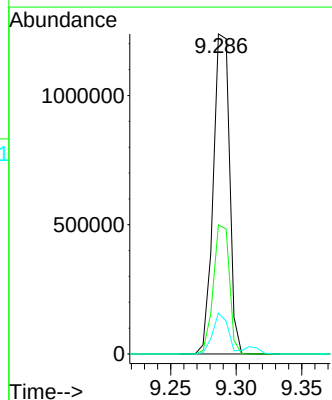
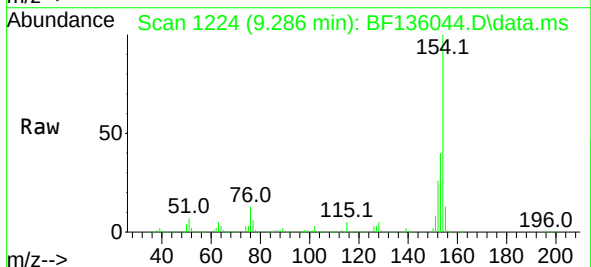
11/01/2023  
Supervised By :mohammad  
ahmed

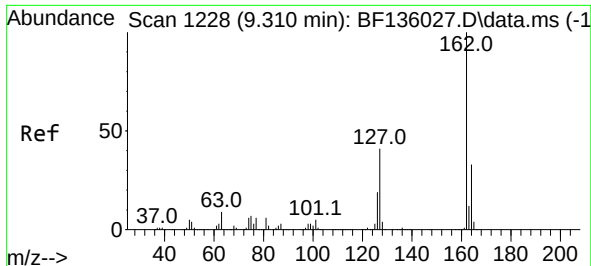
11/01/2023



#46  
1,1'-Biphenyl  
Concen: 40.596 ng  
RT: 9.286 min Scan# 1224  
Delta R.T. 0.000 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

Tgt Ion:154 Resp: 1068829  
Ion Ratio Lower Upper  
154 100  
153 40.3 20.1 60.1  
76 12.8 0.0 32.5





#47

2-Chloronaphthalene

Concen: 40.438 ng

RT: 9.316 min Scan# 1228

Delta R.T. 0.006 min

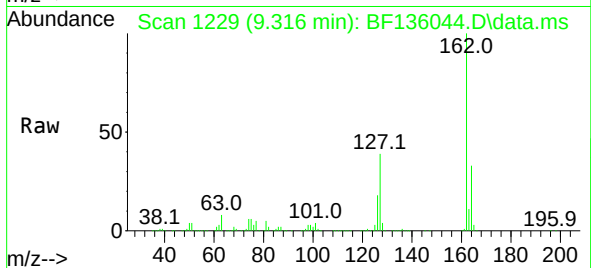
Lab File: BF136044.D

Acq: 31 Oct 2023 11:26

Instrument :

BNA\_F

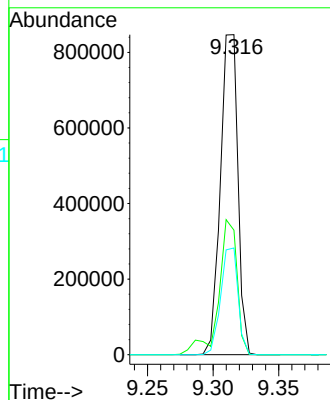
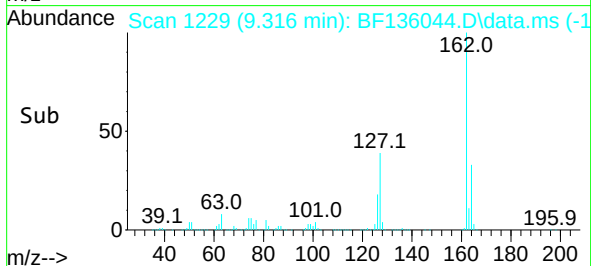
ClientSampleId :



| Tgt Ion:  | 162   | Resp: | 78487 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 127       | 38.9  | 32.4  | 48.6  |
| 164       | 33.3  | 26.7  | 40.1  |

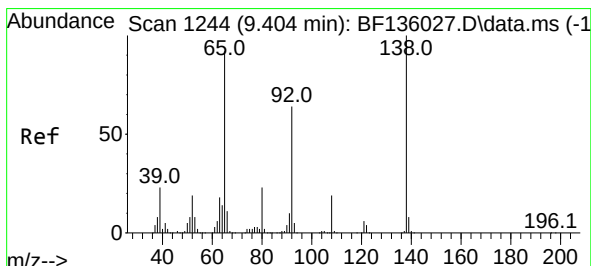
Manual Integrations  
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Reviewed By :Yogesh  
Patel



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Supervised By :mohammad  
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#48

2-Nitroaniline

Concen: 42.671 ng

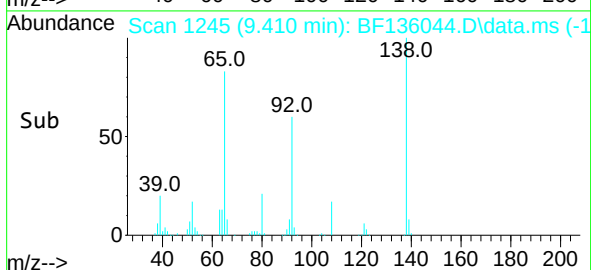
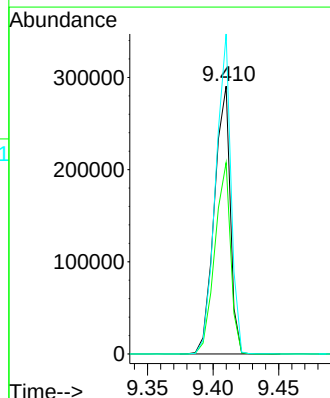
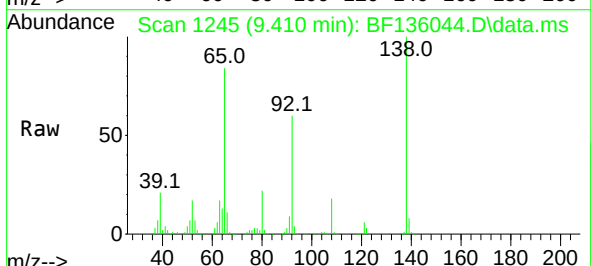
RT: 9.410 min Scan# 1245

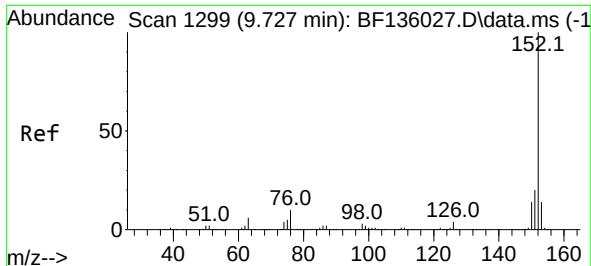
Delta R.T. 0.006 min

Lab File: BF136044.D

Acq: 31 Oct 2023 11:26

| Tgt Ion:  | 65    | Resp: | 245107 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 71.5  | 55.7  | 83.5   |
| 138       | 119.5 | 86.8  | 130.2  |





#49

Acenaphthylene

Concen: 40.764 ng

RT: 9.728 min Scan# 1299

Delta R.T. 0.000 min

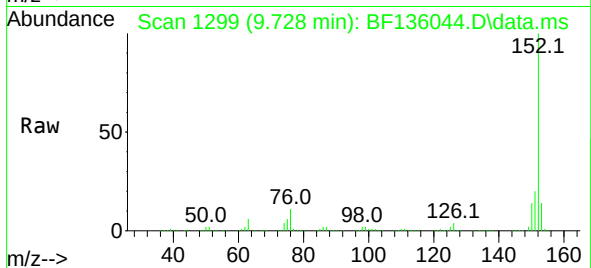
Lab File: BF136044.D

Acq: 31 Oct 2023 11:26

Instrument :

BNA\_F

ClientSampleId :



Tgt Ion:152 Resp: 1234320

Ion Ratio Lower Upper

152 100

151 20.2 16.1 24.1

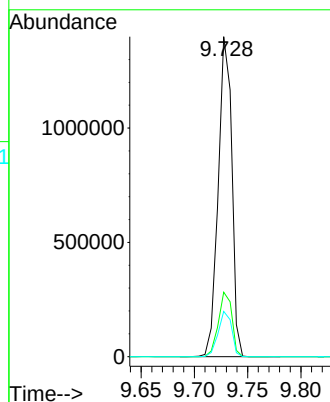
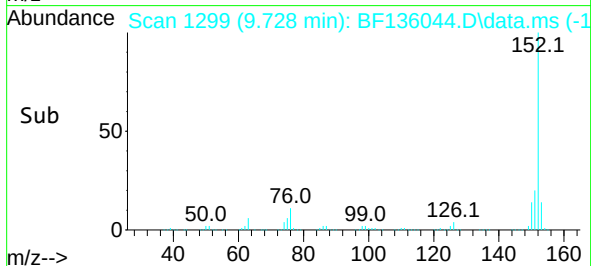
153 14.2 11.4 17.2

Manual Integrations

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Reviewed By :Yogesh

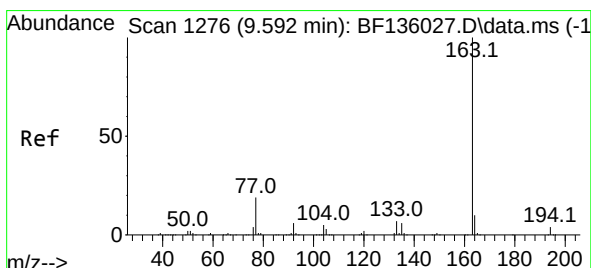
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#50

Dimethylphthalate

Concen: 41.130 ng

RT: 9.592 min Scan# 1276

Delta R.T. 0.000 min

Lab File: BF136044.D

Acq: 31 Oct 2023 11:26

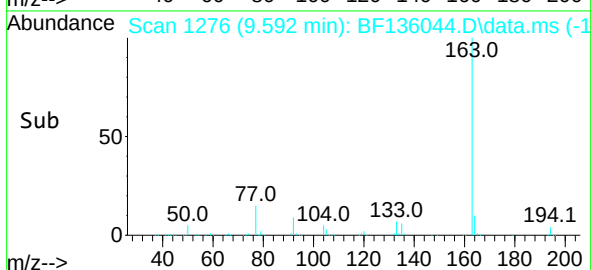
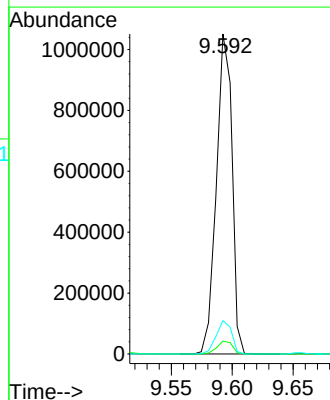
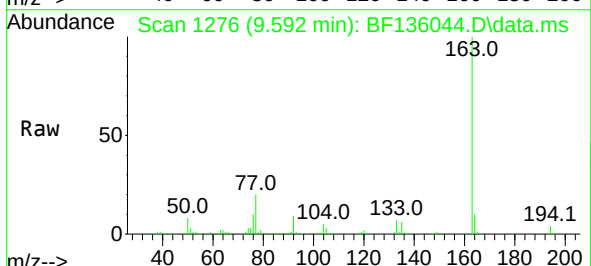
Tgt Ion:163 Resp: 937013

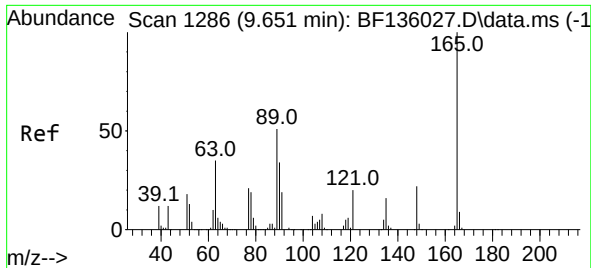
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

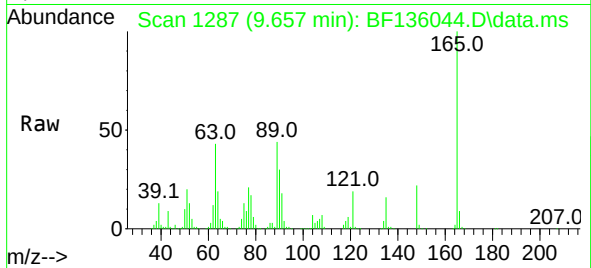
164 10.4 8.1 12.1





#51  
2,6-Dinitrotoluene  
Concen: 43.549 ng  
RT: 9.657 min Scan# 1286  
Delta R.T. 0.006 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

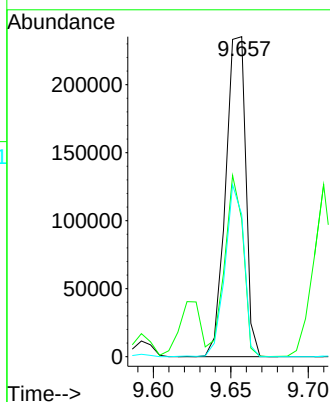
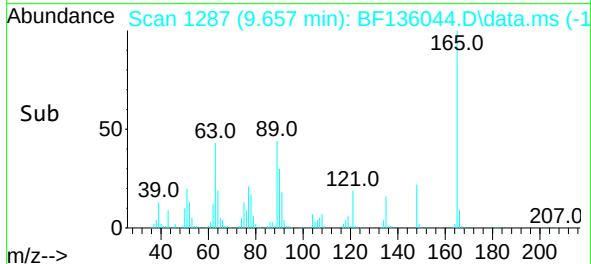
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:165 Resp: 21219  
Ion Ratio Lower Upper  
165 100  
63 43.0 40.8 61.2  
89 44.4 41.1 61.7

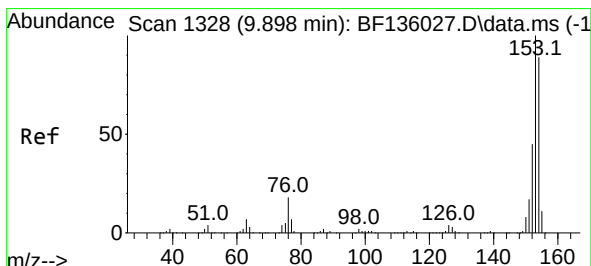
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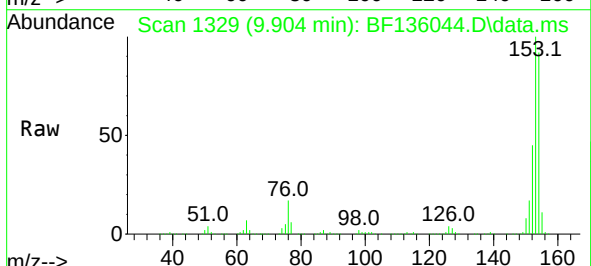


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Supervised By :mohammad  
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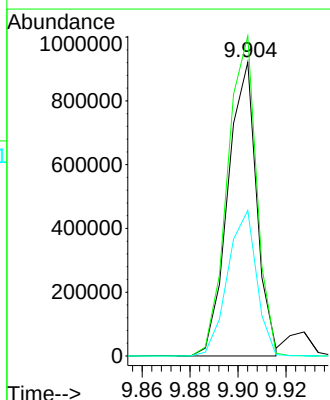
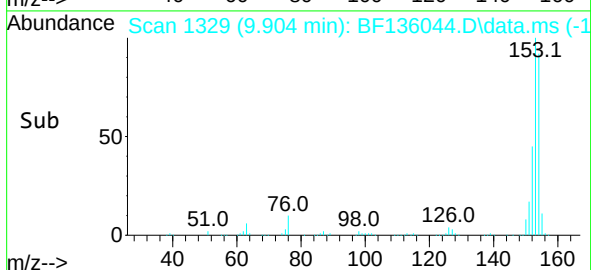
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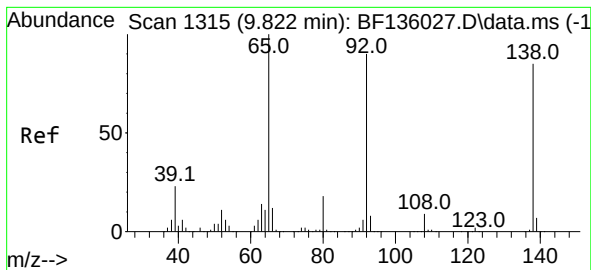


#52  
Acenaphthene  
Concen: 39.840 ng m  
RT: 9.904 min Scan# 1329  
Delta R.T. 0.006 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26



Tgt Ion:154 Resp: 766864  
Ion Ratio Lower Upper  
154 100  
153 108.9 89.9 134.9  
152 49.5 40.2 60.2



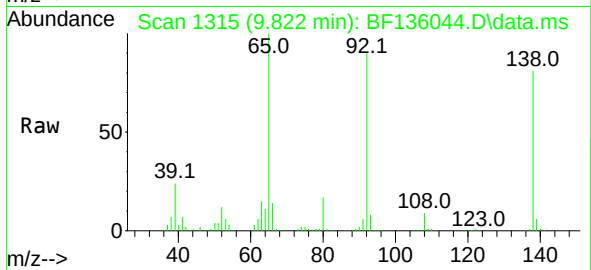


#53  
3-Nitroaniline  
Concen: 42.214 ng  
RT: 9.822 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

Instrument :

BNF\_F

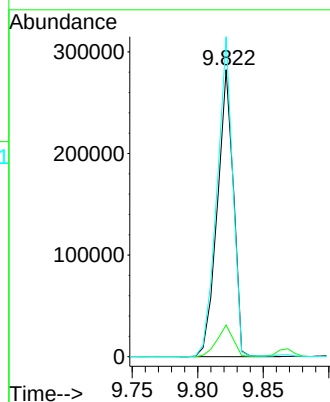
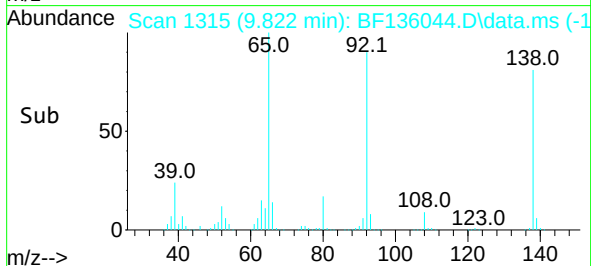
ClientSampleId :



Tgt Ion:138 Resp: 24000  
Ion Ratio Lower Upper  
138 100  
108 11.0 8.8 13.2  
92 111.5 84.6 126.8

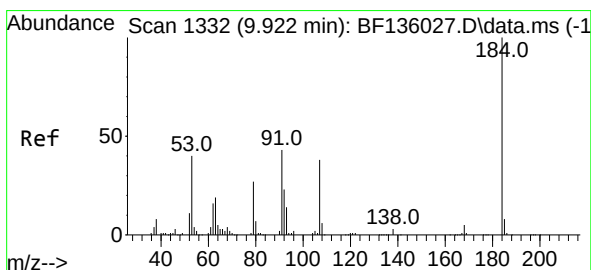
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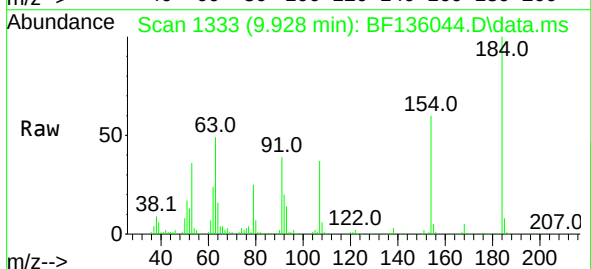


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Supervised By :mohammad  
ahmed

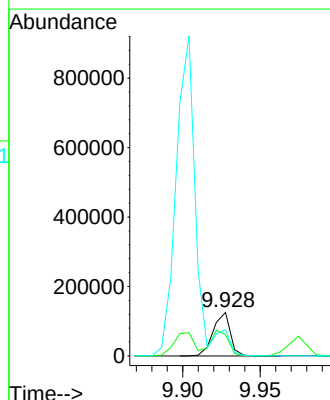
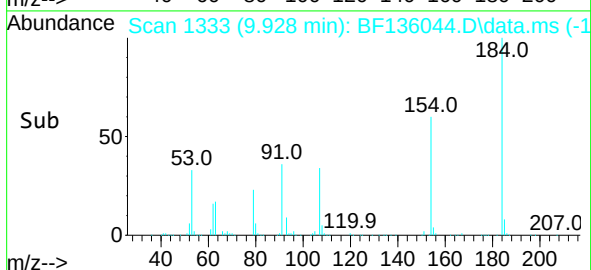
11/01/2023

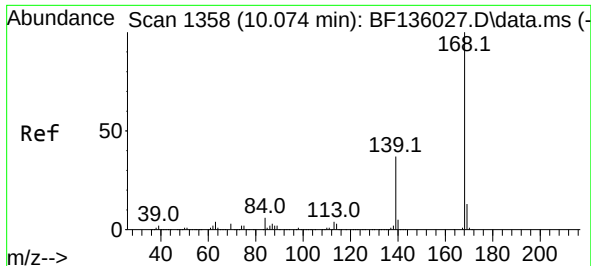


#54  
2,4-Dinitrophenol  
Concen: 40.807 ng  
RT: 9.928 min Scan# 1333  
Delta R.T. 0.006 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26



Tgt Ion:184 Resp: 96298  
Ion Ratio Lower Upper  
184 100  
63 49.4 43.7 65.5  
154 60.1 51.2 76.8





#55

Dibenzofuran

Concen: 40.824 ng

RT: 10.075 min Scan# 11

Delta R.T. 0.000 min

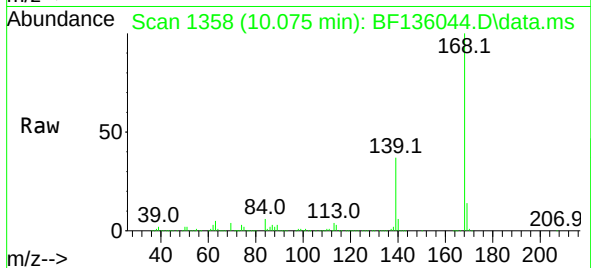
Lab File: BF136044.D

Acq: 31 Oct 2023 11:26

Instrument :

BNA\_F

ClientSampleId :



Tgt Ion:168 Resp: 1145838

Ion Ratio Lower Upper

168 100

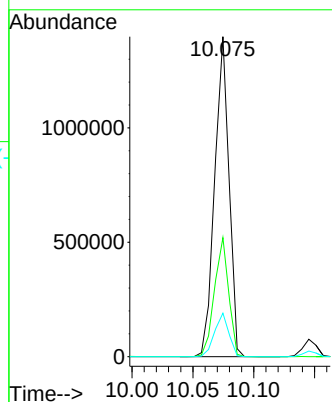
139 37.2 29.4 44.0

169 13.6 10.5 15.7

Manual Integrations

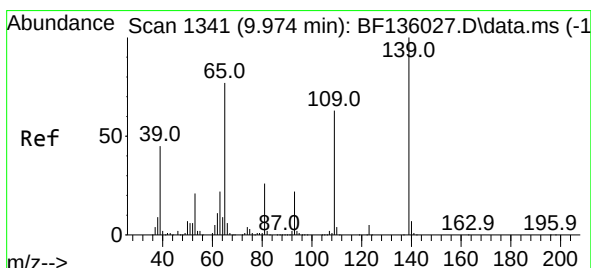
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Reviewed By :Yogesh  
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Supervised By :mohammad  
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11/01/2023



#56

4-Nitrophenol

Concen: 42.954 ng

RT: 9.975 min Scan# 1341

Delta R.T. 0.000 min

Lab File: BF136044.D

Acq: 31 Oct 2023 11:26

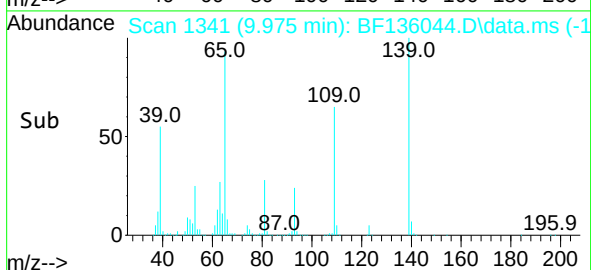
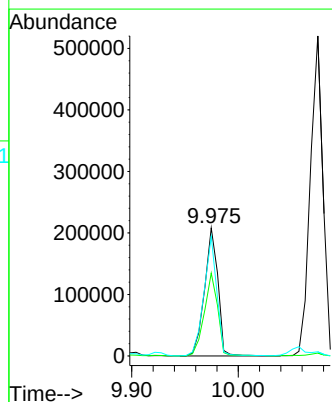
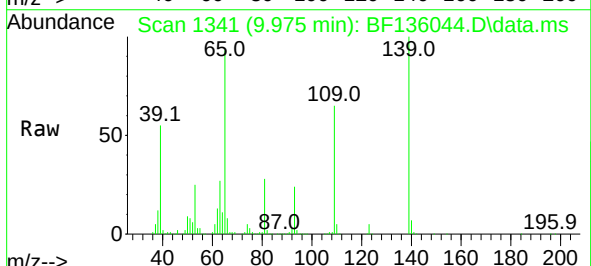
Tgt Ion:139 Resp: 182670

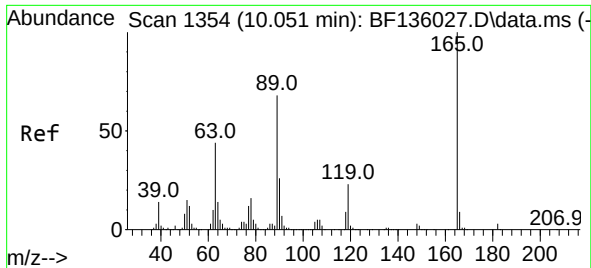
Ion Ratio Lower Upper

139 100

109 64.8 43.2 83.2

65 93.4 57.6 97.6



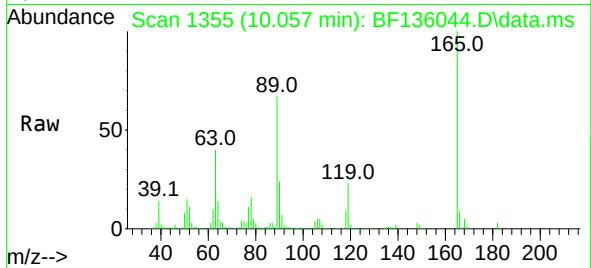


#57  
2,4-Dinitrotoluene  
Concen: 44.321 ng  
RT: 10.057 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

Instrument :

BNA\_F

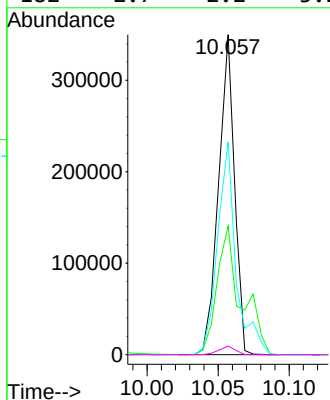
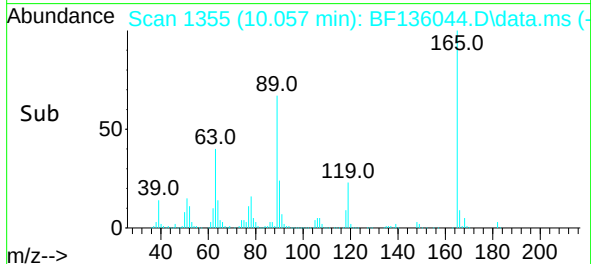
ClientSampleId :



Tgt Ion:165 Resp: 27323  
Ion Ratio Lower Upper  
165 100  
63 40.3 35.2 52.8  
89 66.5 54.8 82.2  
182 2.7 2.2 3.2

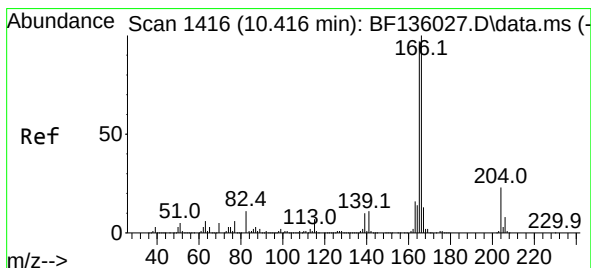
Manual Integrations  
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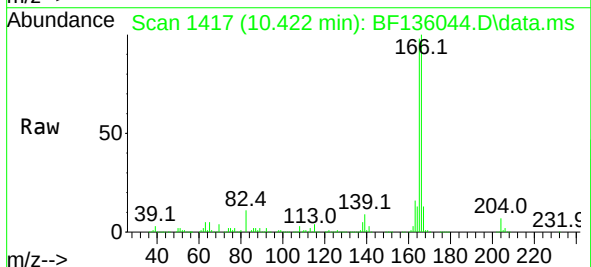


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Supervised By :mohammad  
ahmed

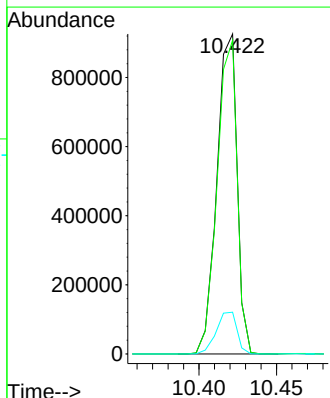
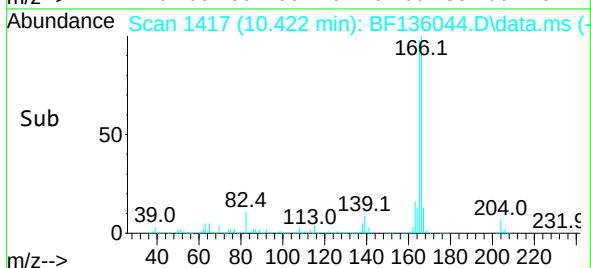
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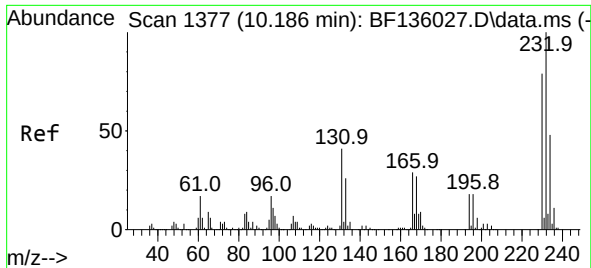
#58  
Fluorene  
Concen: 39.990 ng  
RT: 10.422 min Scan# 1417  
Delta R.T. 0.006 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26



Tgt Ion:166 Resp: 840397  
Ion Ratio Lower Upper  
166 100  
165 98.0 77.7 116.5  
167 13.1 10.6 16.0





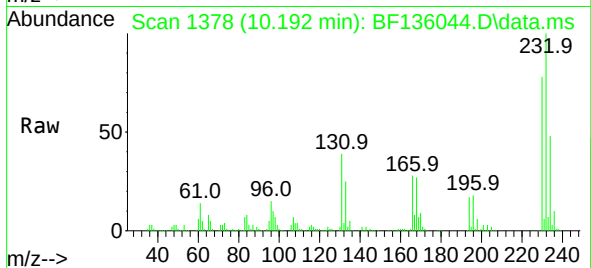


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.640 ng  
RT: 10.192 min Scan# 1378  
Delta R.T. 0.006 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

Instrument :

BNA\_F

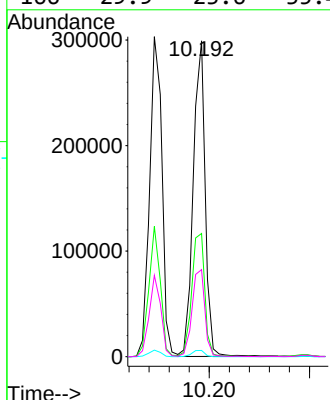
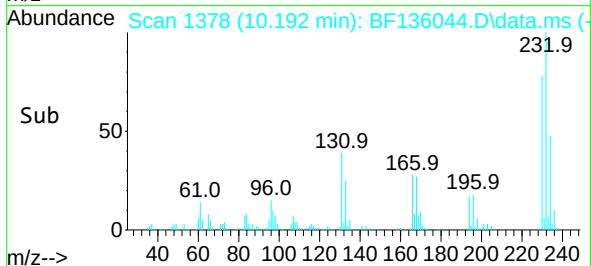
ClientSampleId :



Tgt Ion:232 Resp: 24628  
Ion Ratio Lower Upper  
232 100  
131 42.6 34.6 52.0  
130 2.1 1.6 2.4  
166 29.9 23.6 35.4

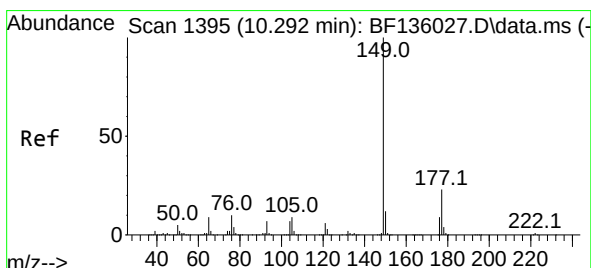
Manual Integrations  
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Reviewed By :Yogesh  
Patel

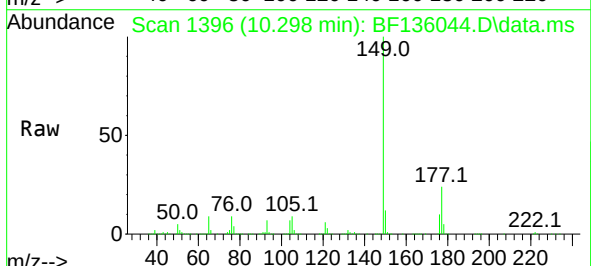


11/01/2023  
Supervised By :mohammad  
ahmed

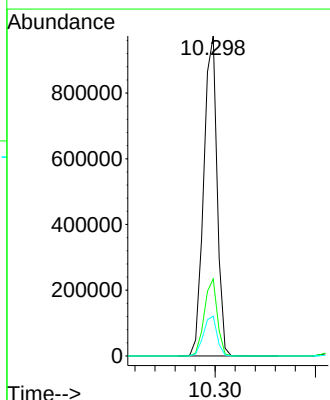
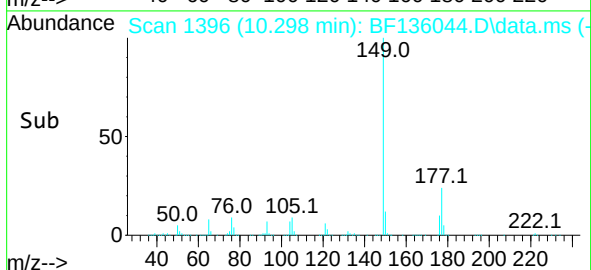
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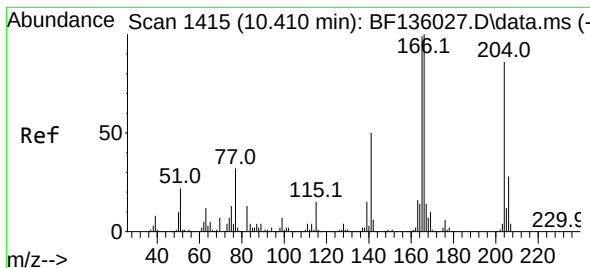


#60  
Diethylphthalate  
Concen: 41.622 ng  
RT: 10.298 min Scan# 1396  
Delta R.T. 0.006 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26



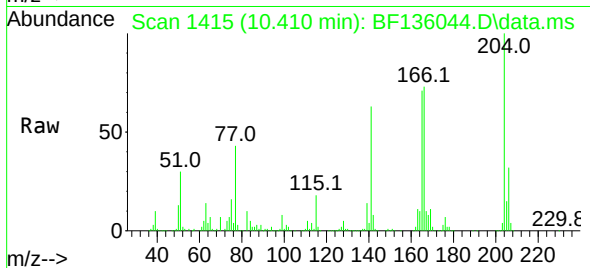
Tgt Ion:149 Resp: 905998  
Ion Ratio Lower Upper  
149 100  
177 24.1 18.2 27.4  
150 12.5 9.9 14.9





#61  
4-Chlorophenyl-phenylether  
Concen: 40.560 ng  
RT: 10.410 min Scan# 1415  
Delta R.T. 0.000 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

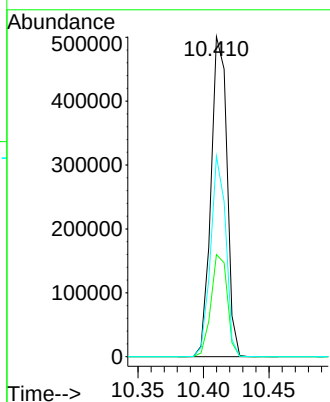
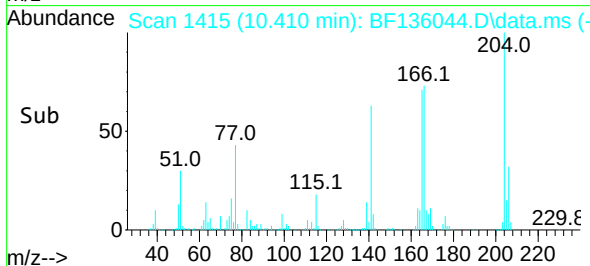
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:204 Resp: 425475  
Ion Ratio Lower Upper  
204 100  
206 31.9 26.6 39.8  
141 62.7 46.8 70.2

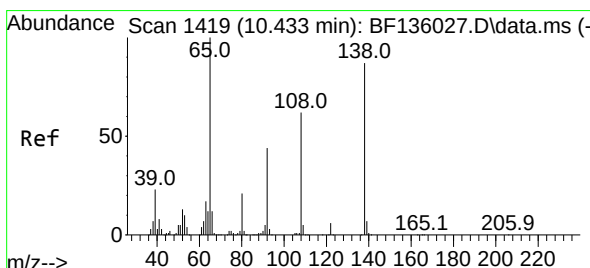
Manual Integrations  
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Reviewed By :Yogesh  
Patel

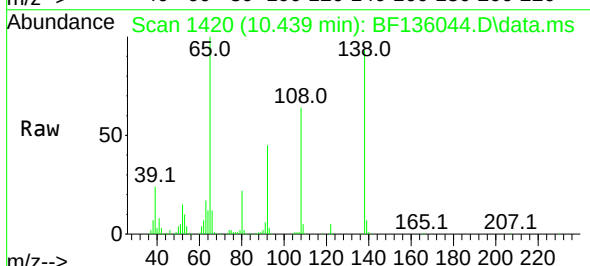


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Supervised By :mohammad  
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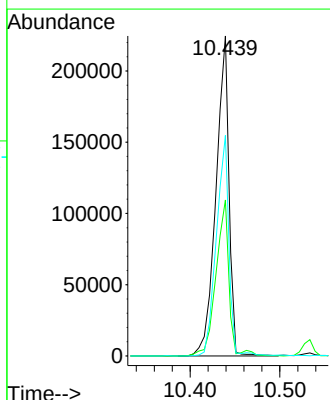
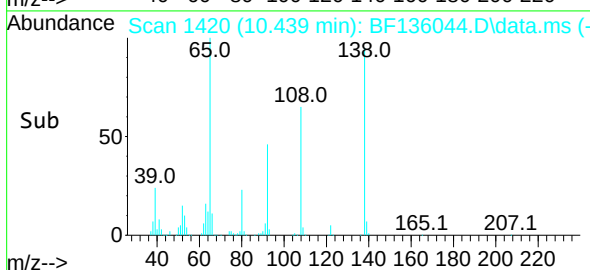
11/01/2023

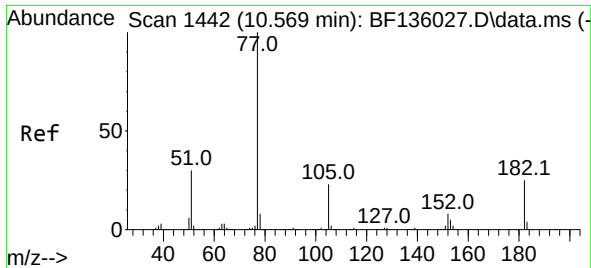


#62  
4-Nitroaniline  
Concen: 41.453 ng  
RT: 10.439 min Scan# 1420  
Delta R.T. 0.006 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26



Tgt Ion:138 Resp: 226936  
Ion Ratio Lower Upper  
138 100  
92 48.8 30.6 70.6  
108 68.9 51.5 91.5



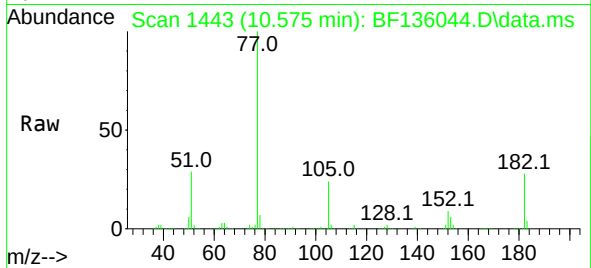


#63  
Azobenzene  
Concen: 41.339 ng  
RT: 10.575 min Scan# 1442  
Delta R.T. 0.006 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

Instrument :

BNA\_F

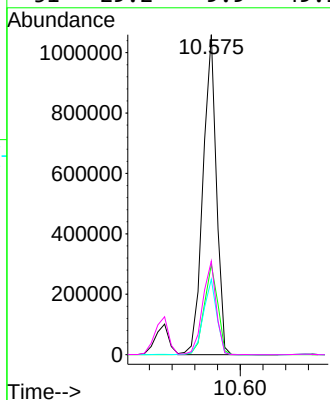
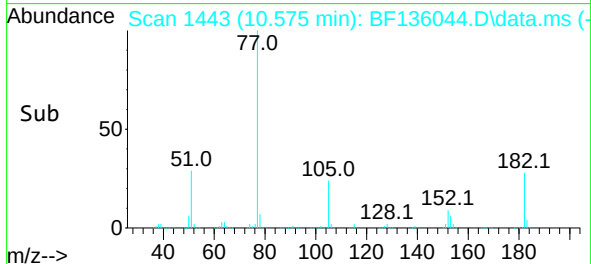
ClientSampleId :



Tgt Ion: 77 Resp: 866609  
Ion Ratio Lower Upper  
77 100  
182 28.3 5.0 45.0  
105 23.5 2.6 42.6  
51 29.2 9.9 49.9

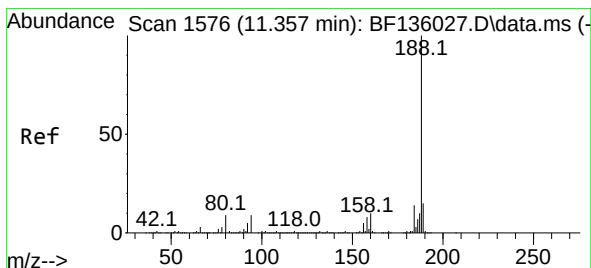
Manual Integrations  
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Reviewed By :Yogesh  
Patel



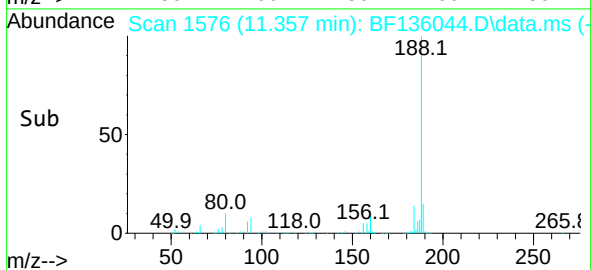
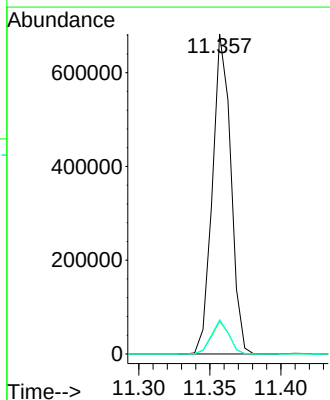
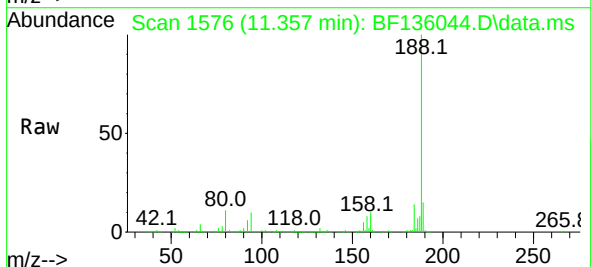
11/01/2023  
Supervised By :mohammad  
ahmed

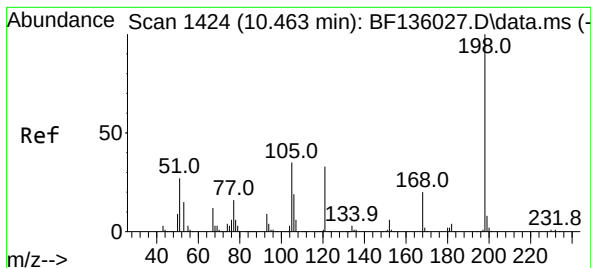
11/01/2023



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.357 min Scan# 1576  
Delta R.T. -0.000 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

Tgt Ion:188 Resp: 615396  
Ion Ratio Lower Upper  
188 100  
94 10.2 7.2 10.8  
80 10.7 7.4 11.0



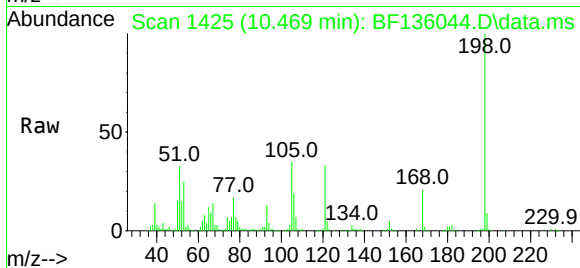


#65  
4,6-Dinitro-2-methylphenol  
Concen: 42.771 ng  
RT: 10.469 min Scan# 1424  
Delta R.T. 0.006 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

Instrument :

BNA\_F

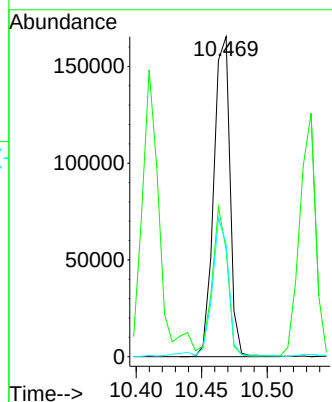
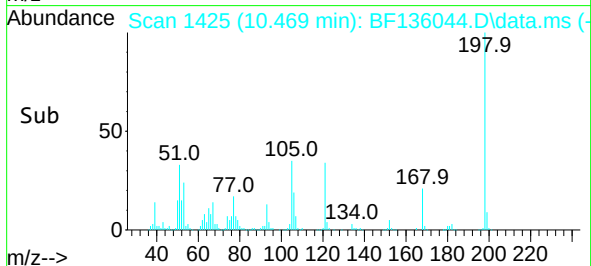
ClientSampleId :



Tgt Ion:198 Resp: 142198  
Ion Ratio Lower Upper  
198 100  
51 33.5 12.9 52.9  
105 35.4 16.0 56.0

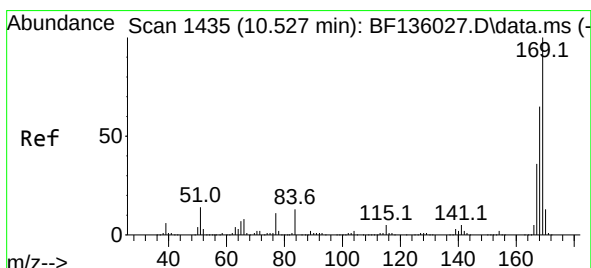
Manual Integrations  
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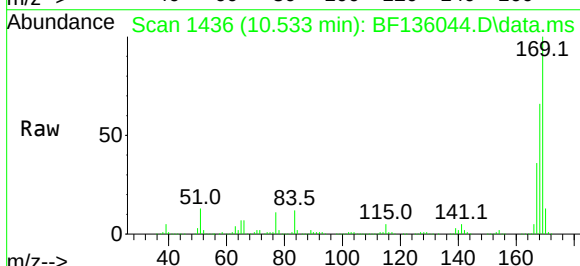


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Supervised By :mohammad  
ahmed

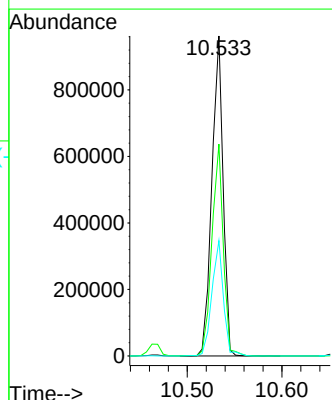
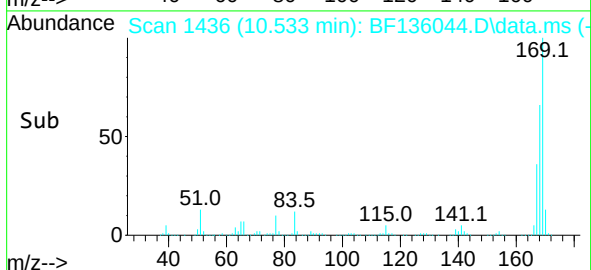
11/01/2023

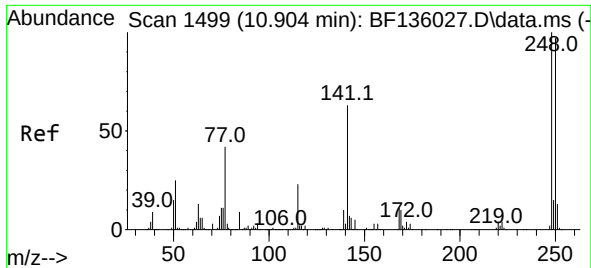


#66  
n-Nitrosodiphenylamine  
Concen: 42.426 ng  
RT: 10.533 min Scan# 1436  
Delta R.T. 0.006 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26



Tgt Ion:169 Resp: 787601  
Ion Ratio Lower Upper  
169 100  
168 66.2 52.2 78.2  
167 36.0 28.7 43.1



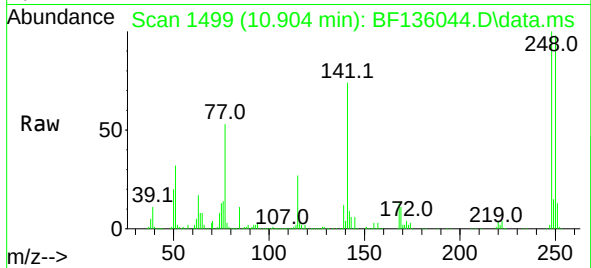


#67  
4-Bromophenyl-phenylether  
Concen: 43.665 ng  
RT: 10.904 min Scan# 1499  
Delta R.T. 0.000 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

Instrument :

BNA\_F

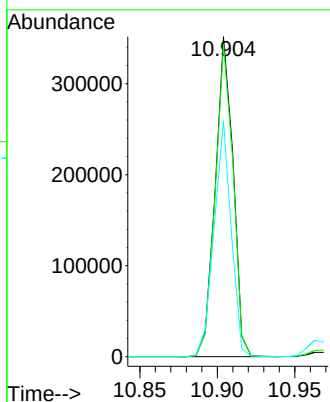
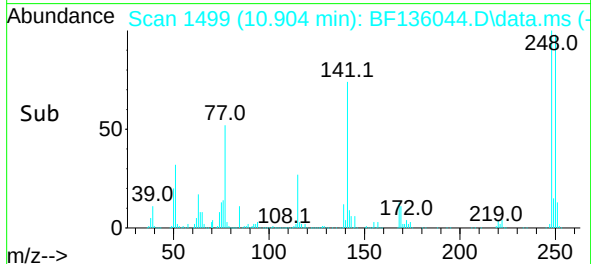
ClientSampleId :



Tgt Ion:248 Resp: 281727  
Ion Ratio Lower Upper  
248 100  
250 97.6 77.6 116.4  
141 73.7 50.4 75.6

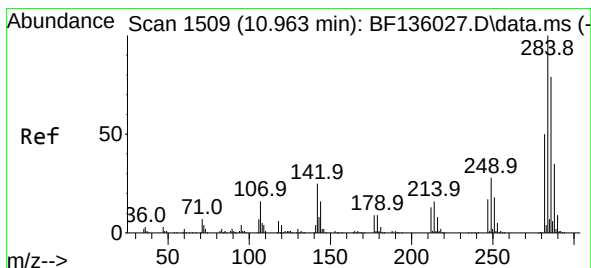
Manual Integrations  
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Patel

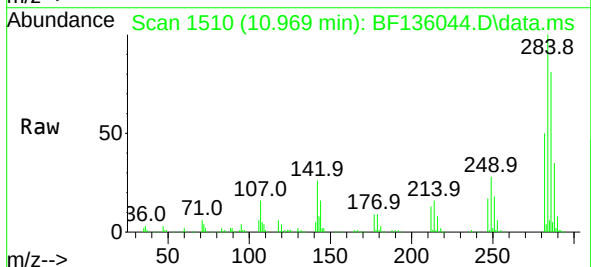


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Supervised By :mohammad  
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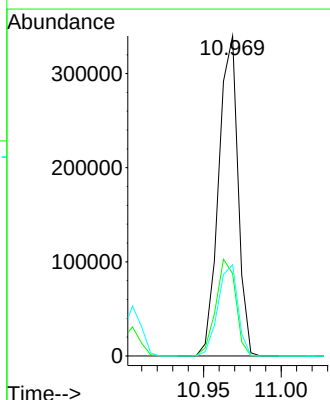
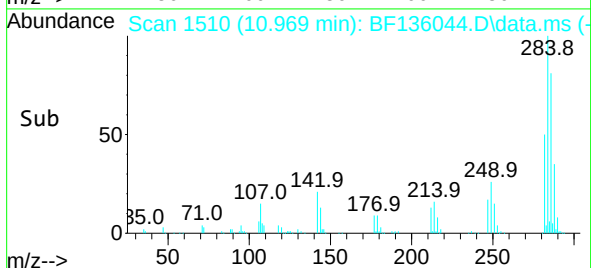
11/01/2023

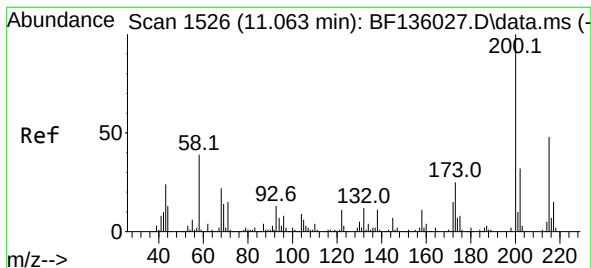


#68  
Hexachlorobenzene  
Concen: 42.779 ng  
RT: 10.969 min Scan# 1510  
Delta R.T. 0.006 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26



Tgt Ion:284 Resp: 294780  
Ion Ratio Lower Upper  
284 100  
142 25.8 20.2 30.4  
249 28.5 22.6 33.8





#69

Atrazine

Concen: 42.284 ng

RT: 11.063 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136044.D

Acq: 31 Oct 2023 11:26

Instrument :

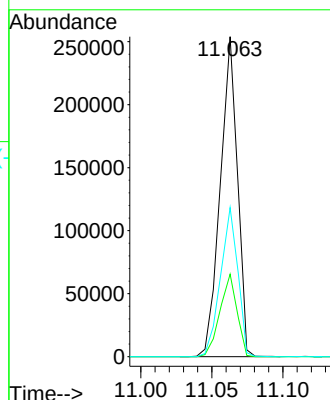
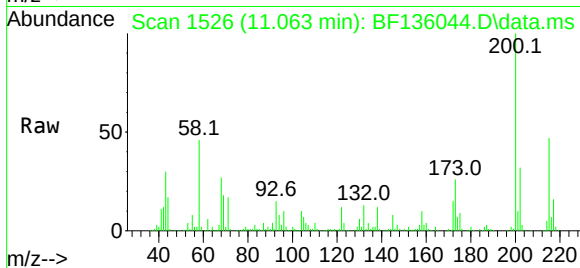
BNA\_F

ClientSampleId :

Tgt Ion:200 Resp: 21357  
 Ion Ratio Lower Upper  
 200 100  
 173 25.8 5.2 45.2  
 215 46.6 28.4 68.4

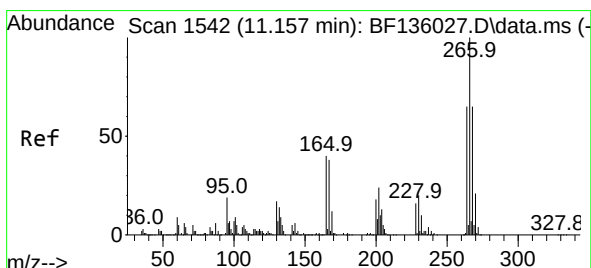
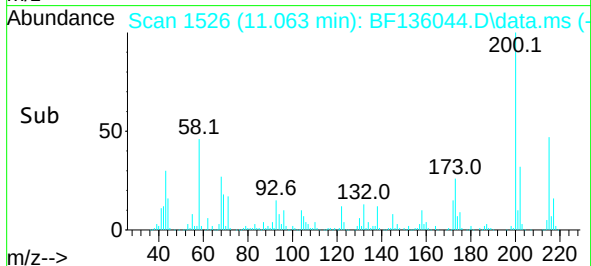
Manual Integrations  
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 Patel



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#70

Pentachlorophenol

Concen: 45.220 ng

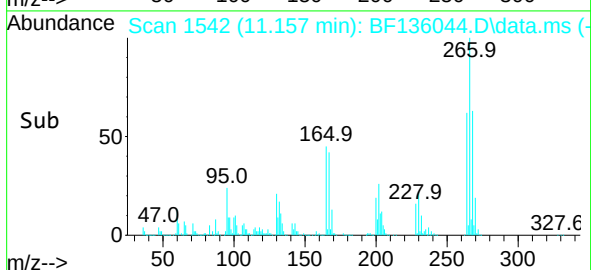
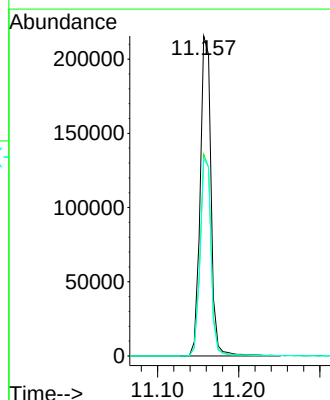
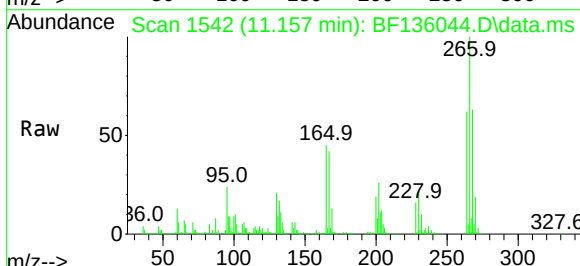
RT: 11.157 min Scan# 1542

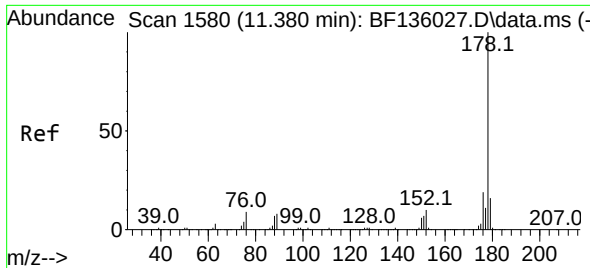
Delta R.T. 0.000 min

Lab File: BF136044.D

Acq: 31 Oct 2023 11:26

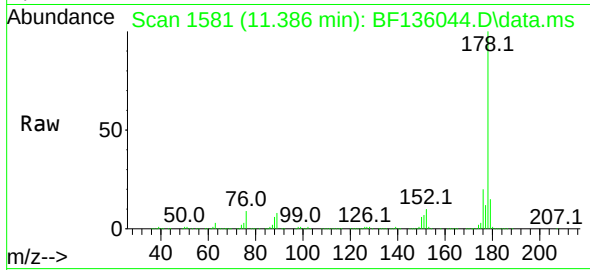
Tgt Ion:266 Resp: 200117  
 Ion Ratio Lower Upper  
 266 100  
 268 63.0 52.2 78.4  
 264 61.6 52.2 78.4





#71  
Phenanthrene  
Concen: 41.417 ng  
RT: 11.386 min Scan# 1580  
Delta R.T. 0.006 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

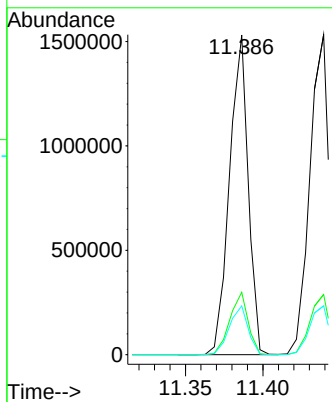
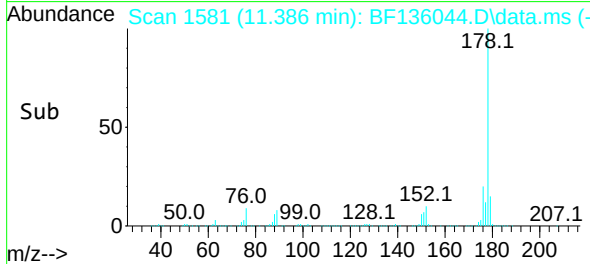
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:178 Resp: 1283333  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.5 23.3  
179 15.3 12.9 19.3

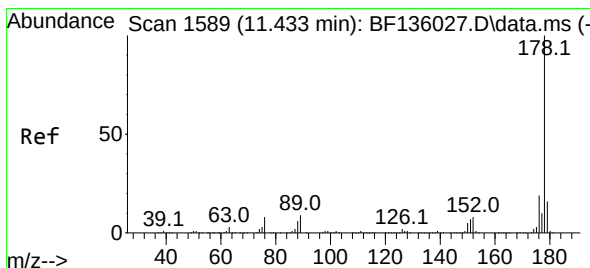
Manual Integrations  
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Patel



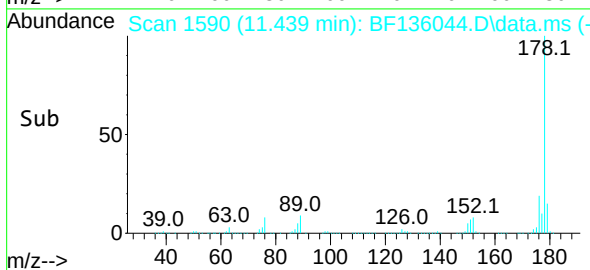
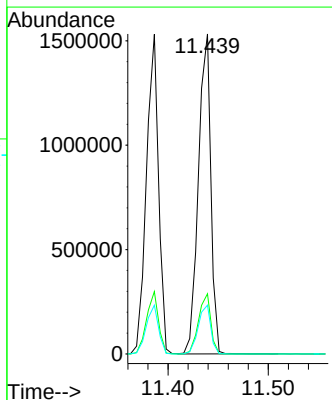
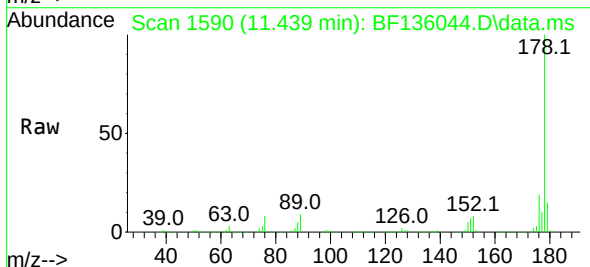
11/01/2023  
Supervised By :mohammad  
ahmed

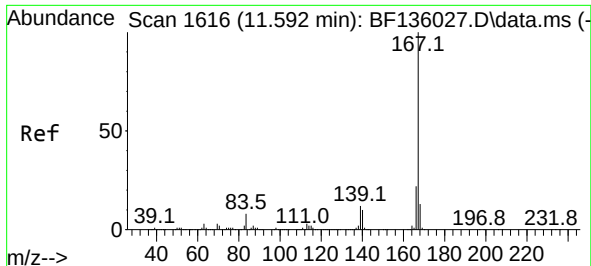
11/01/2023



#72  
Anthracene  
Concen: 41.714 ng  
RT: 11.439 min Scan# 1590  
Delta R.T. 0.006 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

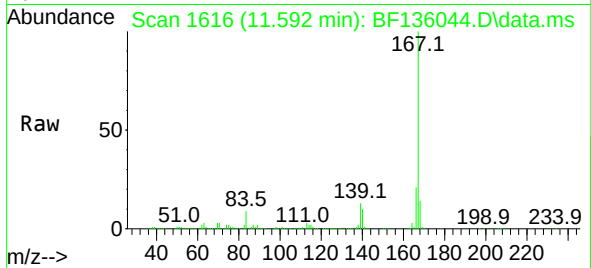
Tgt Ion:178 Resp: 1324453  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.0 22.4  
179 15.2 12.6 18.8





#73  
 Carbazole  
 Concen: 41.108 ng  
 RT: 11.592 min Scan# 1616  
 Delta R.T. 0.000 min  
 Lab File: BF136044.D  
 Acq: 31 Oct 2023 11:26

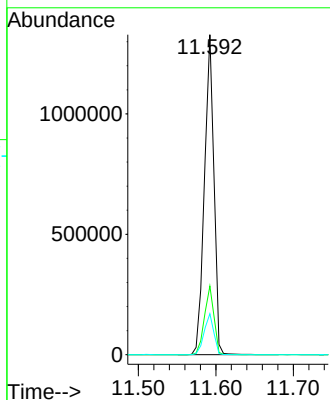
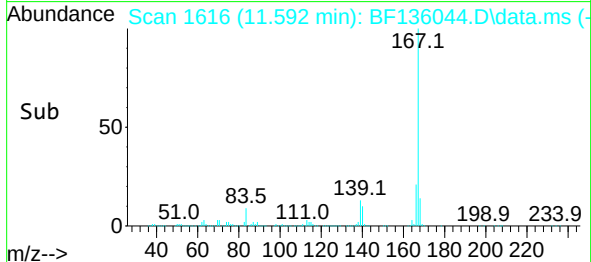
Instrument :  
 BNA\_F  
 ClientSampleId :



Tgt Ion:167 Resp: 113420  
 Ion Ratio Lower Upper  
 167 100  
 166 21.5 17.2 25.8  
 139 12.8 9.9 14.9

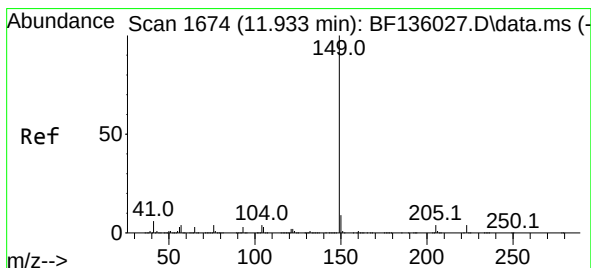
Manual Integrations  
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 Patel

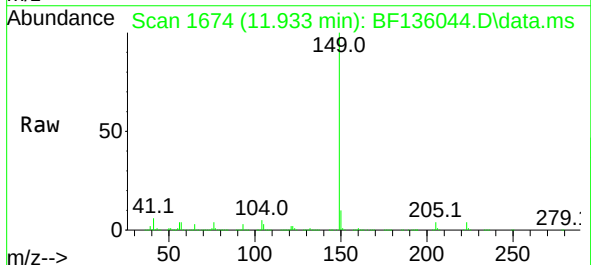


11/01/2023  
 Supervised By :mohammad  
 ahmed

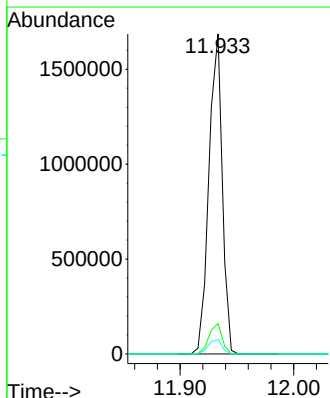
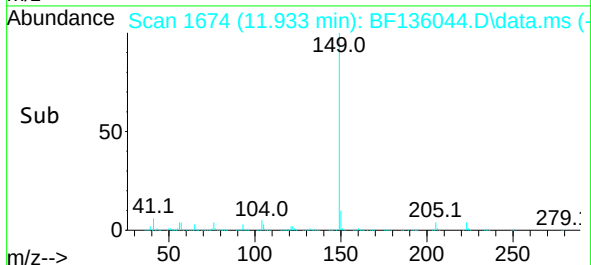
11/01/2023



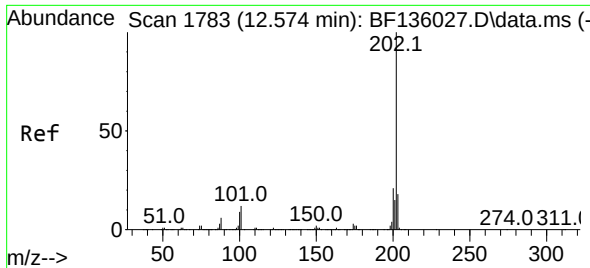
#74  
 Di-n-butylphthalate  
 Concen: 43.496 ng  
 RT: 11.933 min Scan# 1674  
 Delta R.T. 0.000 min  
 Lab File: BF136044.D  
 Acq: 31 Oct 2023 11:26



Tgt Ion:149 Resp: 1371302  
 Ion Ratio Lower Upper  
 149 100  
 150 9.5 7.3 10.9  
 104 4.5 3.6 5.4

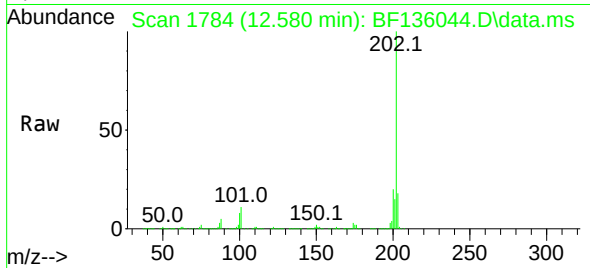






#75  
Fluoranthene  
Concen: 40.508 ng  
RT: 12.580 min Scan# 1783  
Delta R.T. 0.006 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

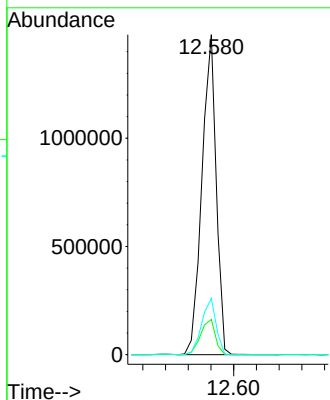
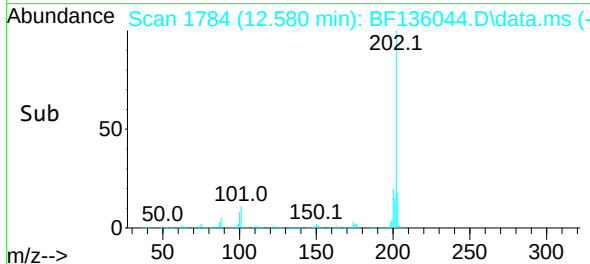
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:202 Resp: 1289428  
Ion Ratio Lower Upper  
202 100  
101 11.0 0.0 31.8  
203 17.6 0.0 37.9

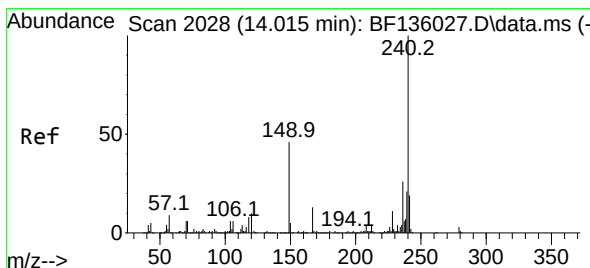
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



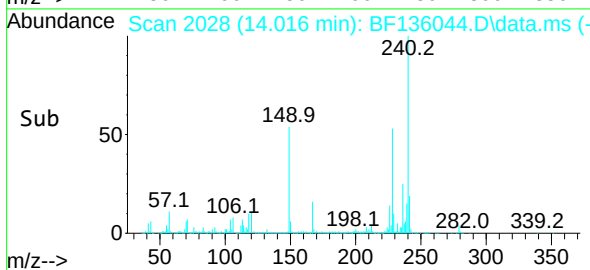
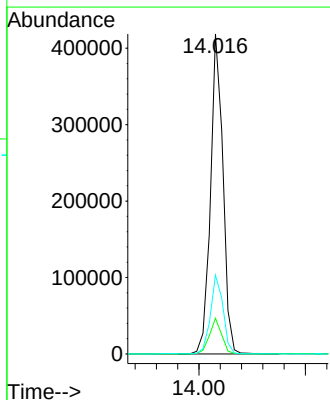
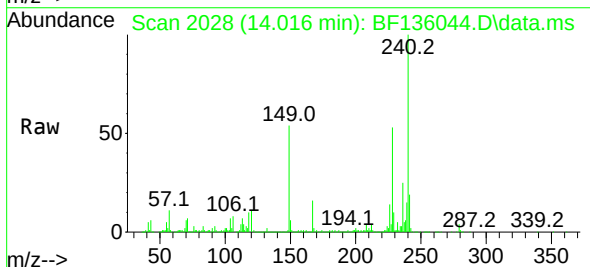
11/01/2023  
Supervised By :mohammad  
ahmed

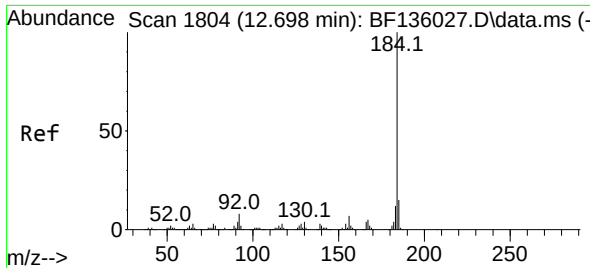
11/01/2023



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.016 min Scan# 2028  
Delta R.T. 0.000 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

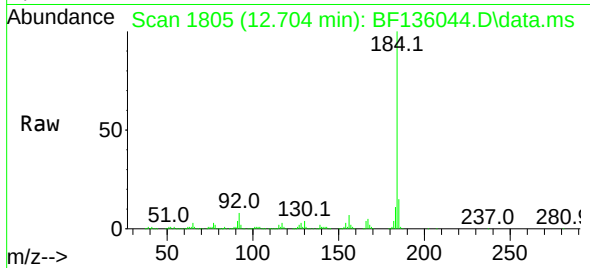
Tgt Ion:240 Resp: 340490  
Ion Ratio Lower Upper  
240 100  
120 11.2 7.6 11.4  
236 24.6 20.6 31.0





#77  
Benzidine  
Concen: 52.347 ng  
RT: 12.704 min Scan# 1805  
Delta R.T. 0.006 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

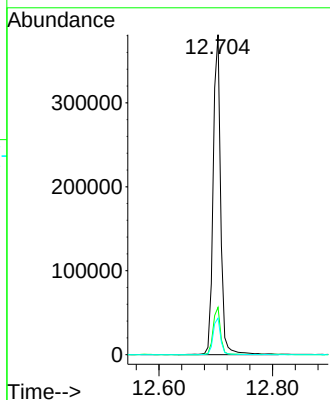
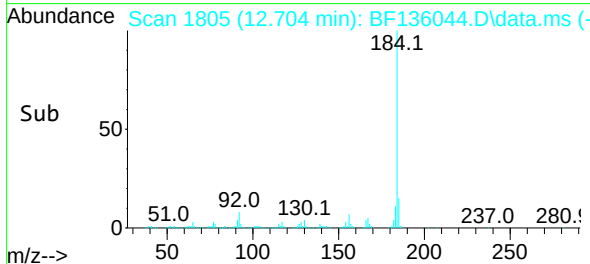
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:184 Resp: 347395  
Ion Ratio Lower Upper  
184 100  
185 14.8 11.8 17.8  
183 11.5 9.5 14.3

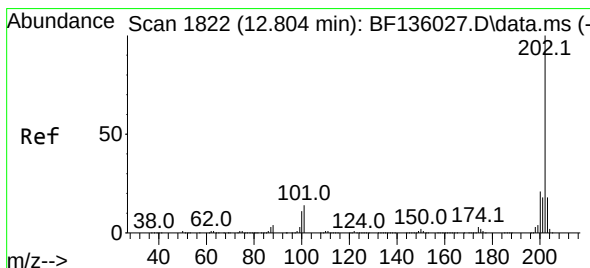
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



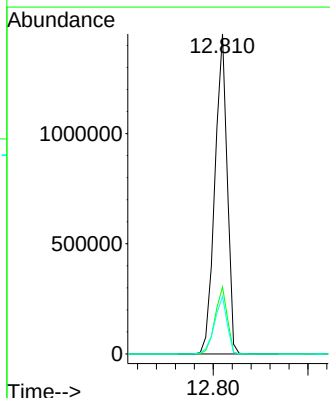
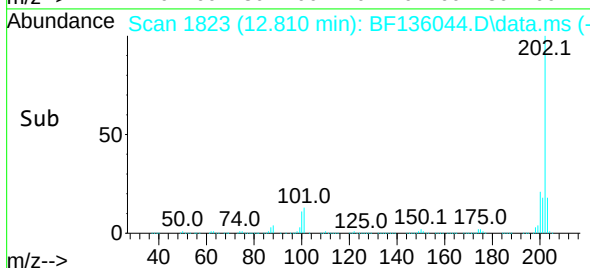
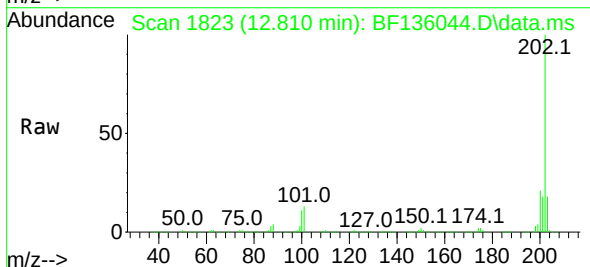
11/01/2023  
Supervised By :mohammad  
ahmed

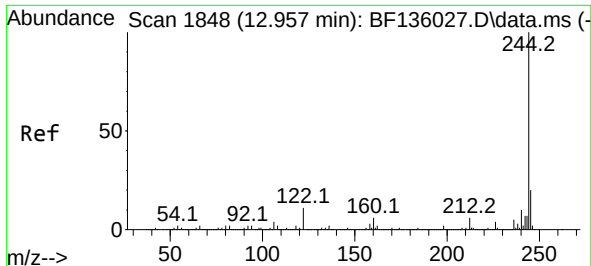
11/01/2023



#78  
Pyrene  
Concen: 43.573 ng  
RT: 12.810 min Scan# 1823  
Delta R.T. 0.006 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

Tgt Ion:202 Resp: 1308024  
Ion Ratio Lower Upper  
202 100  
200 21.0 17.0 25.4  
203 17.9 14.4 21.6



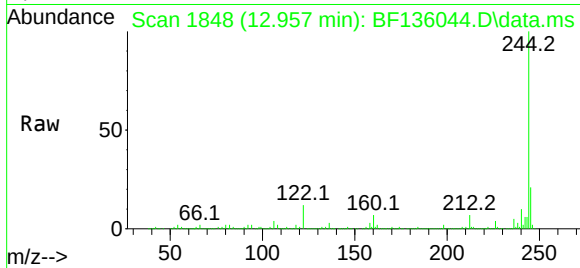


#79  
 Terphenyl-d14  
 Concen: 86.065 ng  
 RT: 12.957 min Scan# 1848  
 Delta R.T. 0.000 min  
 Lab File: BF136044.D  
 Acq: 31 Oct 2023 11:26

Instrument :

BNA\_F

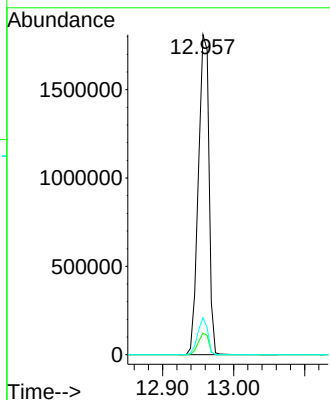
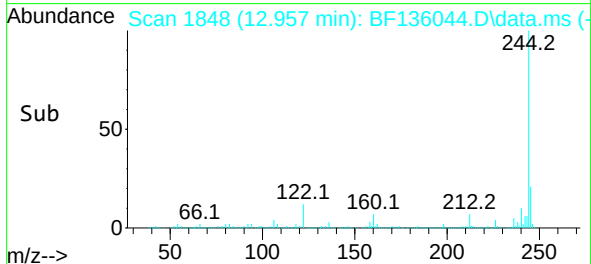
ClientSampleId :



Tgt Ion:244 Resp: 1885698  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.1 7.7  
 122 11.5 8.6 12.8

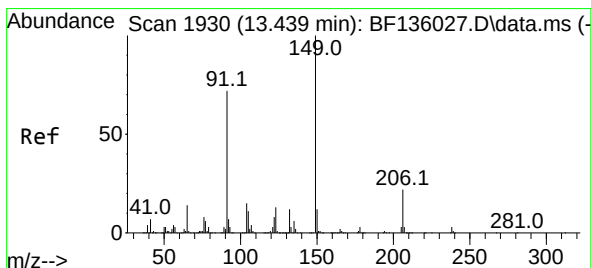
Manual Integrations  
 APPROVED

Reviewed By :Yogesh  
 Patel



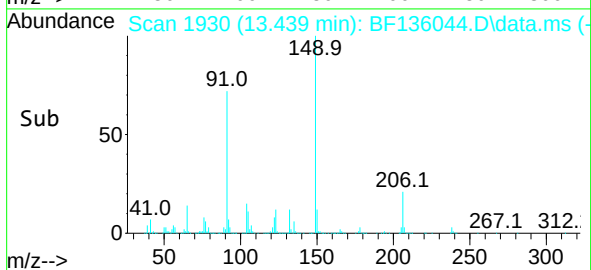
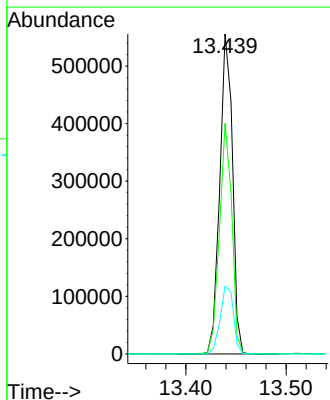
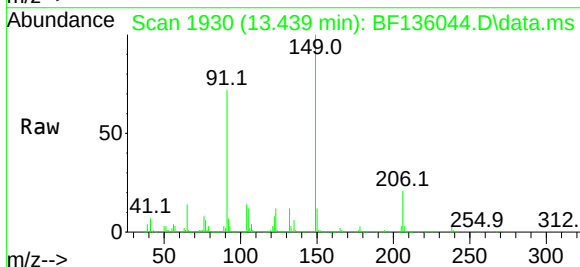
11/01/2023  
 Supervised By :mohammad  
 ahmed

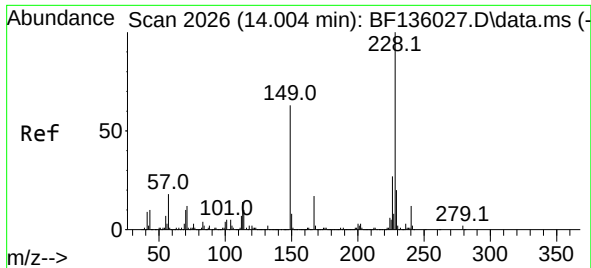
11/01/2023



#80  
 Butylbenzylphthalate  
 Concen: 45.364 ng  
 RT: 13.439 min Scan# 1930  
 Delta R.T. 0.000 min  
 Lab File: BF136044.D  
 Acq: 31 Oct 2023 11:26

Tgt Ion:149 Resp: 487463  
 Ion Ratio Lower Upper  
 149 100  
 91 72.1 57.6 86.4  
 206 21.2 17.4 26.0



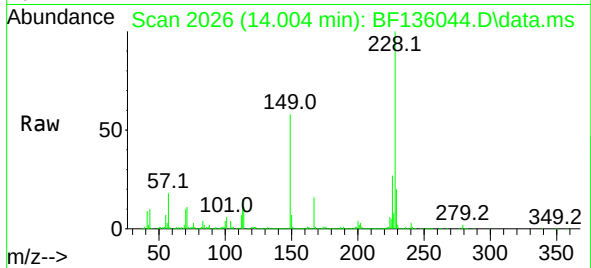


#81  
Benzo(a)anthracene  
Concen: 40.585 ng  
RT: 14.004 min Scan# 2026  
Delta R.T. 0.000 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

Instrument :

BNA\_F

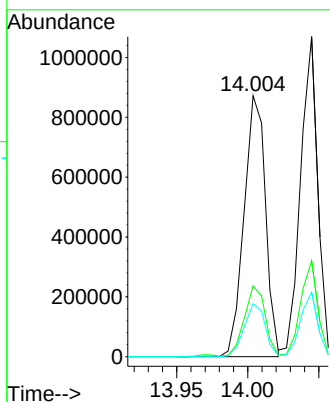
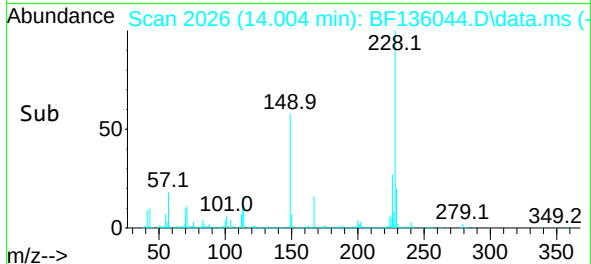
ClientSampleId :



Tgt Ion:228 Resp: 914844  
Ion Ratio Lower Upper  
228 100  
226 27.2 21.5 32.3  
229 20.3 15.8 23.6

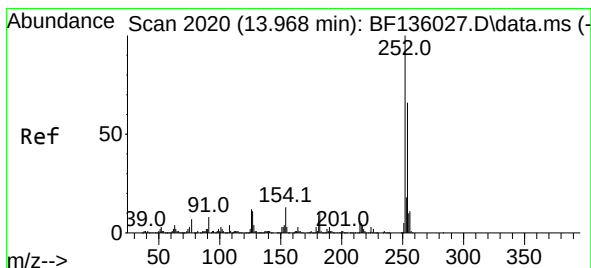
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel

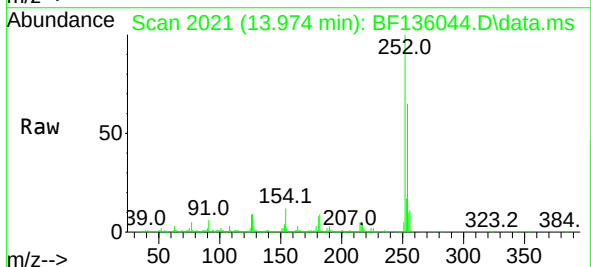


11/01/2023  
Supervised By :mohammad  
ahmed

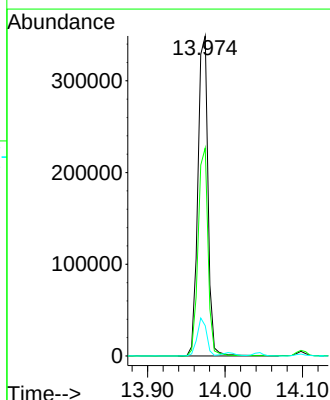
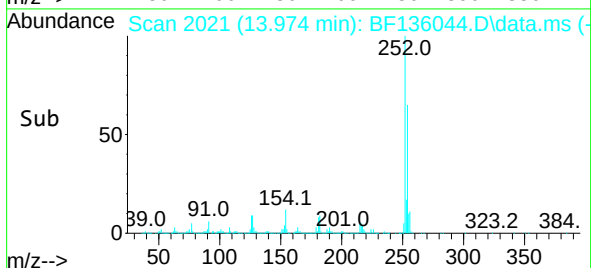
11/01/2023

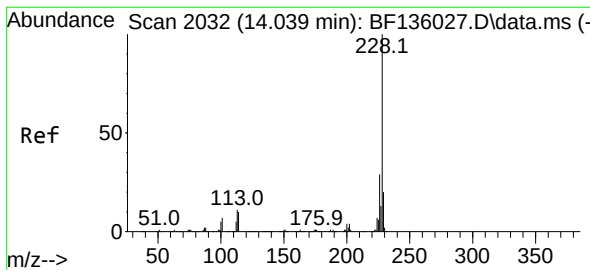


#82  
3,3'-Dichlorobenzidine  
Concen: 43.881 ng  
RT: 13.974 min Scan# 2021  
Delta R.T. 0.006 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26



Tgt Ion:252 Resp: 315705  
Ion Ratio Lower Upper  
252 100  
254 65.0 52.5 78.7  
126 9.5 9.4 14.2





#83

Chrysene

Concen: 40.533 ng

RT: 14.045 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF136044.D

Acq: 31 Oct 2023 11:26

Instrument :

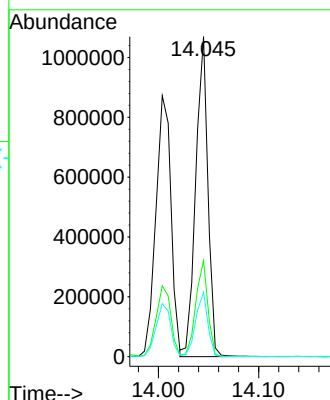
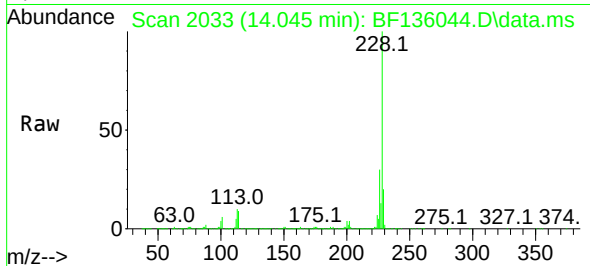
BNA\_F

ClientSampleId :

Tgt Ion:228 Resp: 899810  
 Ion Ratio Lower Upper  
 228 100  
 226 30.0 23.5 35.3  
 229 20.1 16.0 24.0

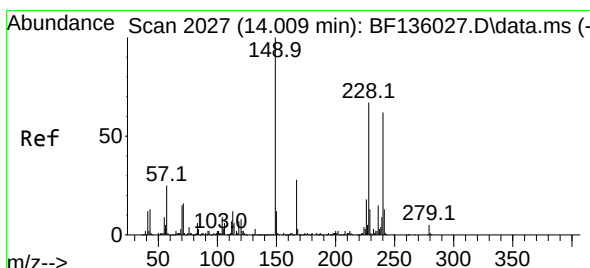
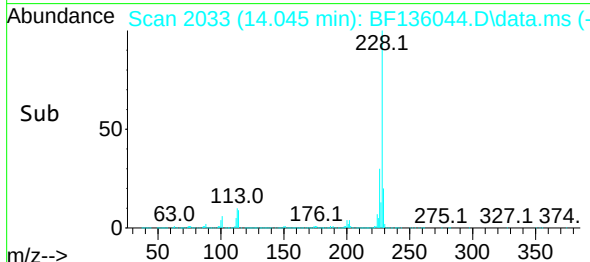
Manual Integrations  
 APPROVED

Reviewed By :Yogesh  
 Patel



11/01/2023  
 Supervised By :mohammad  
 ahmed

11/01/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.423 ng

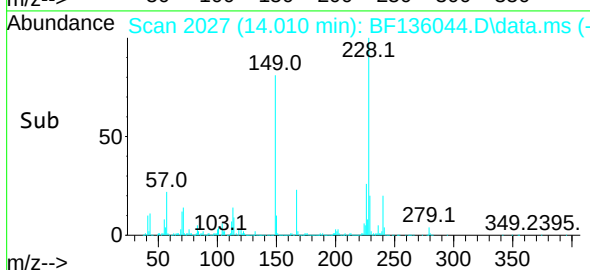
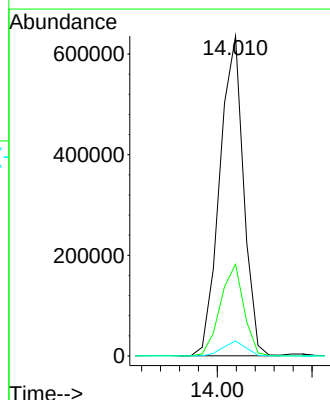
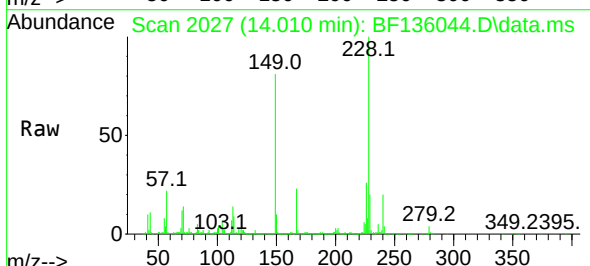
RT: 14.010 min Scan# 2027

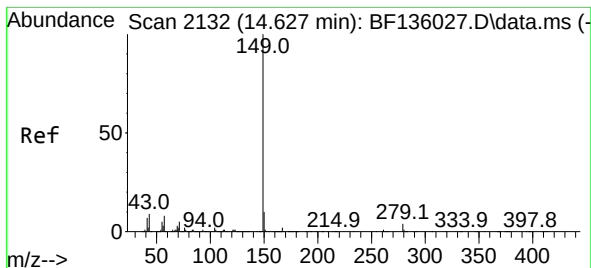
Delta R.T. 0.000 min

Lab File: BF136044.D

Acq: 31 Oct 2023 11:26

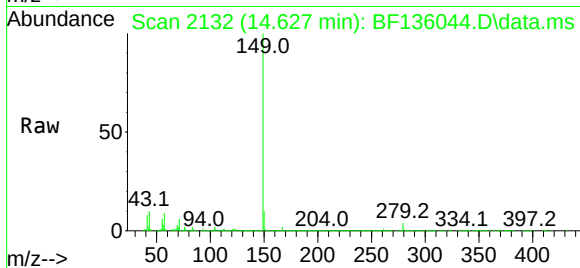
Tgt Ion:149 Resp: 556139  
 Ion Ratio Lower Upper  
 149 100  
 167 28.7 22.6 33.8  
 279 4.7 4.1 6.1





#85  
Di-n-octyl phthalate  
Concen: 47.941 ng  
RT: 14.627 min Scan# 2132  
Delta R.T. 0.000 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

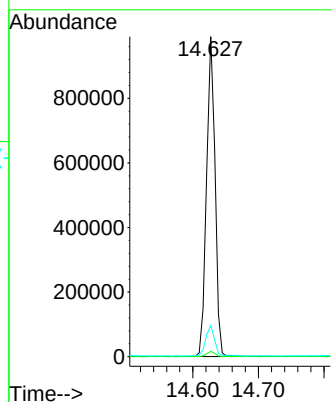
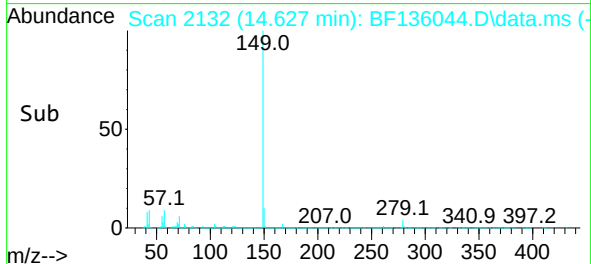
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:149 Resp: 89910  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 10.1 7.6 11.4

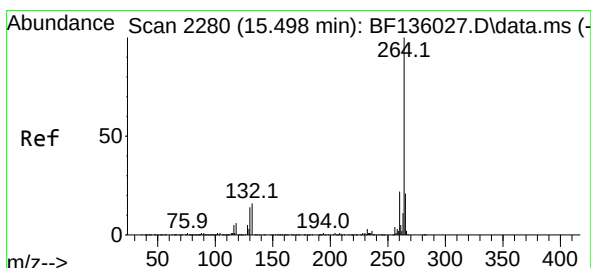
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



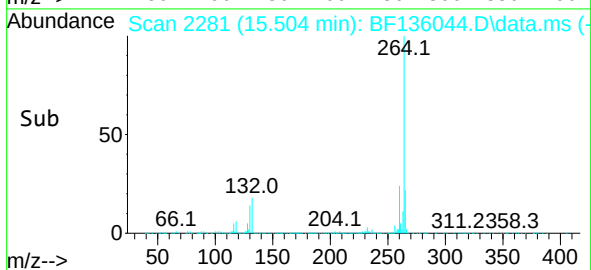
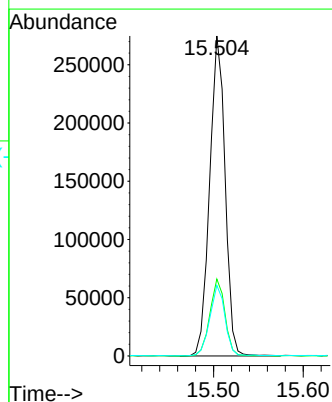
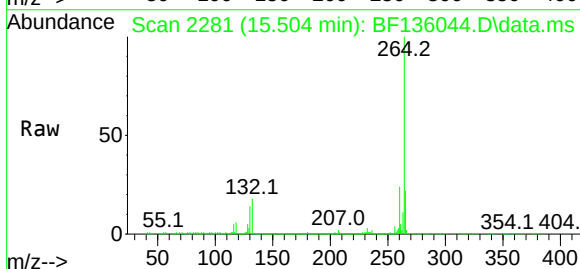
11/01/2023  
Supervised By :mohammad  
ahmed

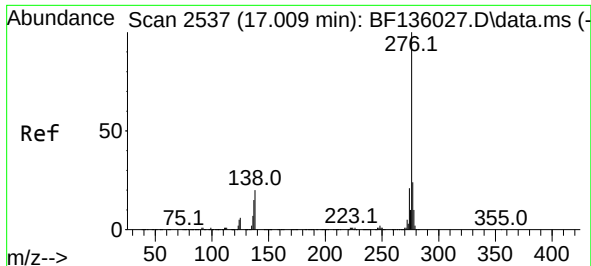
11/01/2023



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.504 min Scan# 2281  
Delta R.T. 0.006 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

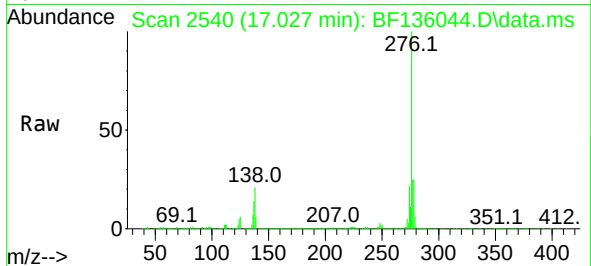
Tgt Ion:264 Resp: 328376  
Ion Ratio Lower Upper  
264 100  
260 24.0 17.9 26.9  
265 22.1 16.8 25.2





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 45.140 ng  
RT: 17.027 min Scan# 21  
Delta R.T. 0.018 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

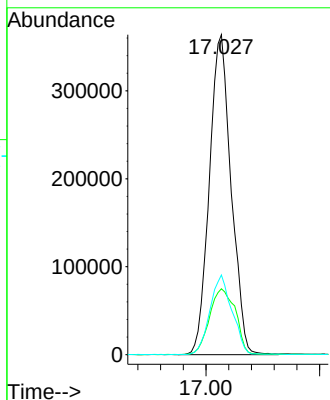
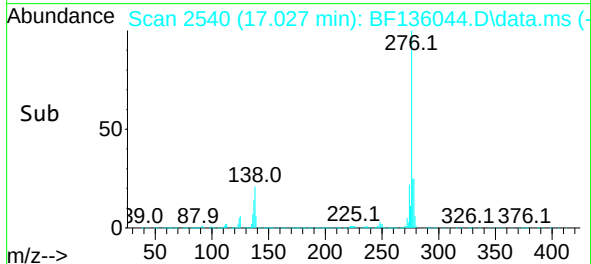
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:276 Resp: 968754  
Ion Ratio Lower Upper  
276 100  
138 24.5 20.4 30.6  
277 25.5 20.2 30.2

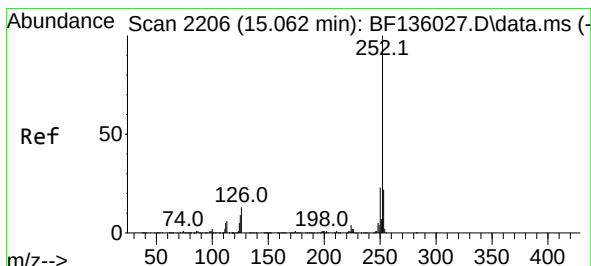
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



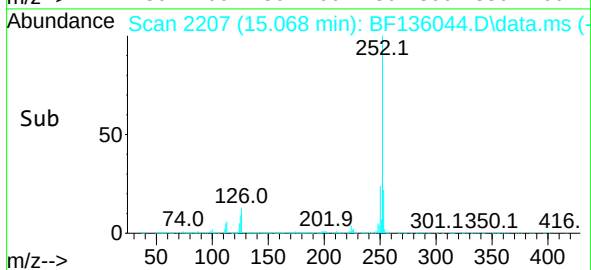
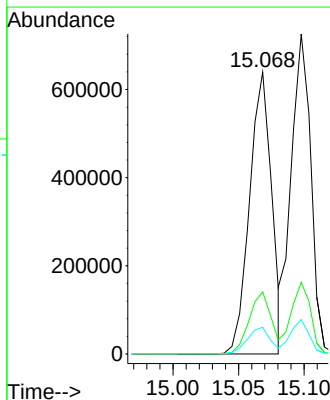
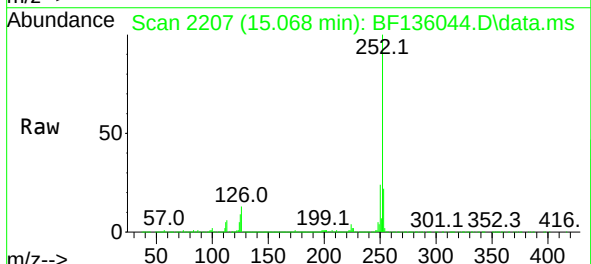
11/01/2023  
Supervised By :mohammad  
ahmed

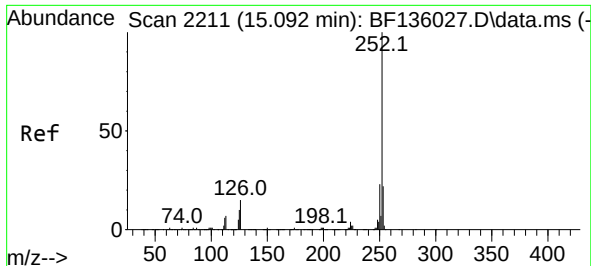
11/01/2023



#88  
Benzo(b)fluoranthene  
Concen: 38.498 ng  
RT: 15.068 min Scan# 2207  
Delta R.T. 0.006 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

Tgt Ion:252 Resp: 748036  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.7 26.5  
125 9.5 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 39.477 ng

RT: 15.098 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136044.D

Acq: 31 Oct 2023 11:26

Instrument :

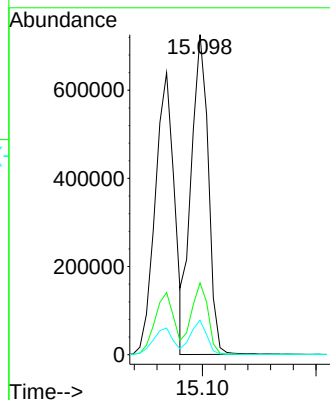
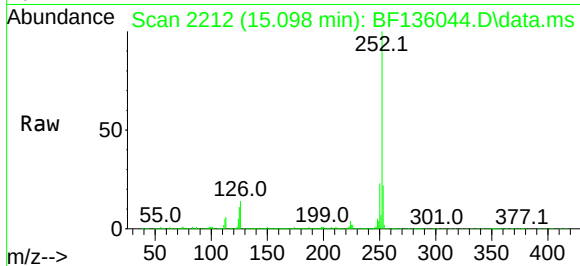
BNA\_F

ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion:252 | Resp: 75896 |
| Ion Ratio   | Lower Upper |
| 252 100     |             |
| 253 22.4    | 17.4 26.0   |
| 125 10.8    | 8.0 12.0    |

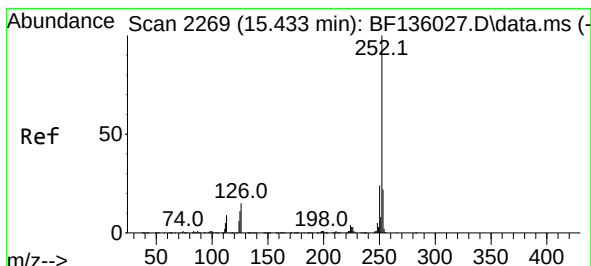
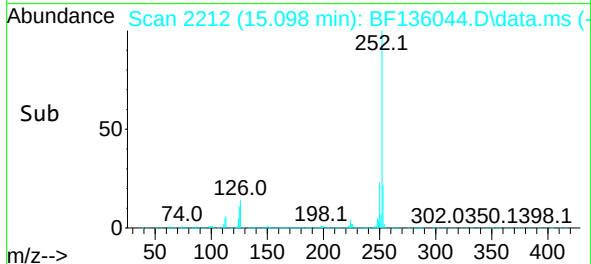
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



11/01/2023  
Supervised By :mohammad  
ahmed

11/01/2023



#90

Benzo(a)pyrene

Concen: 40.464 ng

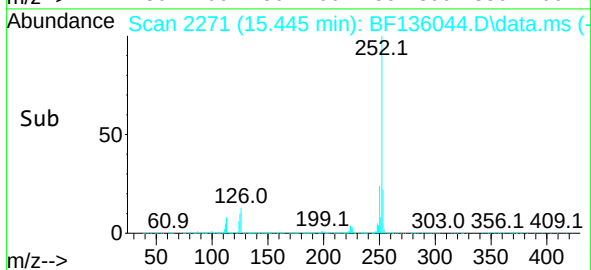
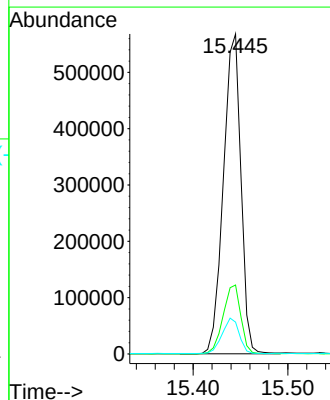
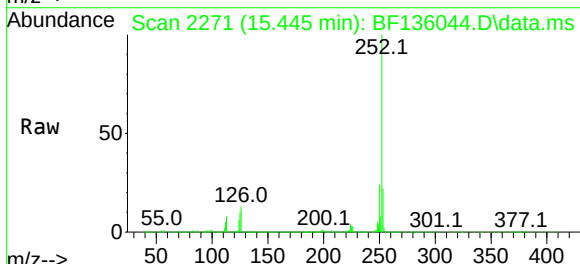
RT: 15.445 min Scan# 2271

Delta R.T. 0.012 min

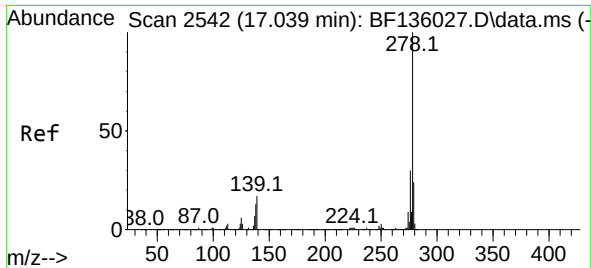
Lab File: BF136044.D

Acq: 31 Oct 2023 11:26

|             |              |
|-------------|--------------|
| Tgt Ion:252 | Resp: 730533 |
| Ion Ratio   | Lower Upper  |
| 252 100     |              |
| 253 21.6    | 17.3 25.9    |
| 125 10.0    | 9.0 13.6     |

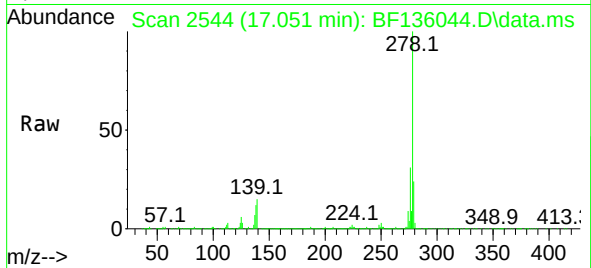






#91  
Dibenzo(a,h)anthracene  
Concen: 45.306 ng  
RT: 17.051 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

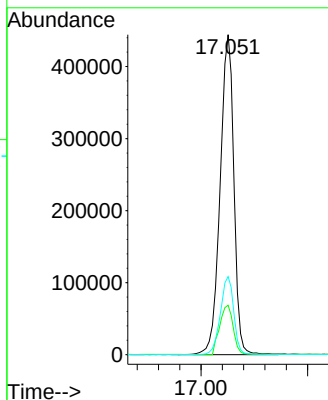
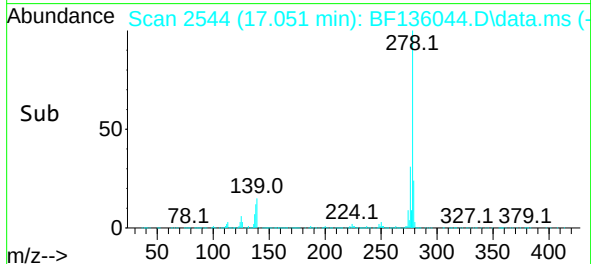
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:278 Resp: 796474  
Ion Ratio Lower Upper  
278 100  
139 15.5 13.7 20.5  
279 24.4 19.0 28.6

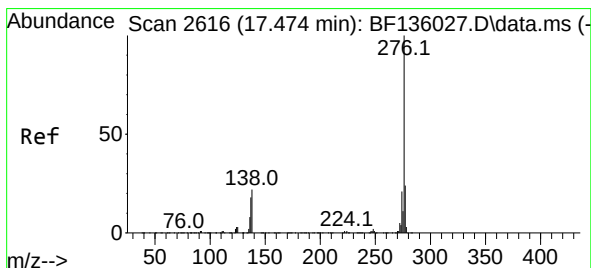
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



11/01/2023  
Supervised By :mohammad  
ahmed

11/01/2023



#92  
Benzo(g,h,i)perylene  
Concen: 41.373 ng  
RT: 17.492 min Scan# 2619  
Delta R.T. 0.018 min  
Lab File: BF136044.D  
Acq: 31 Oct 2023 11:26

Tgt Ion:276 Resp: 819553  
Ion Ratio Lower Upper  
276 100  
277 23.1 19.0 28.4  
138 20.2 17.4 26.2

