

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF110423\  
 Data File : BF136138.D  
 Acq On : 04 Nov 2023 09:32  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Nov 06 00:54:02 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF103023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 06 00:53:35 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     | 6.822  | 152  | 114070   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.104  | 136  | 446989   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.863  | 164  | 231491   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.351 | 188  | 419603   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.009 | 240  | 208620   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.492 | 264  | 230729   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.445  | 112  | 562002   | 77.420 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.457  | 99   | 707076   | 78.178 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.386  | 82   | 637327   | 85.952 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.651 | 330  | 205770   | 83.278 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.180  | 172  | 1190618  | 81.989 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.951 | 244  | 1226340  | 91.351 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.563  | 88   | 117042   | 37.027 | ng    | 99       |
| 3) Pyridine                   | 3.322  | 79   | 320850   | 37.188 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.293  | 42   | 139219   | 38.593 | ng    | 90       |
| 6) Aniline                    | 6.486  | 93   | 456747   | 39.006 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.604  | 128  | 304213   | 39.198 | ng    | 99       |
| 9) Benzaldehyde               | 6.375  | 77   | 199718   | 39.601 | ng    | 98       |
| 10) Phenol                    | 6.469  | 94   | 386682   | 41.336 | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 6.563  | 93   | 280358   | 38.282 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.763  | 146  | 318735   | 39.460 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.839  | 146  | 321181   | 39.677 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.992  | 146  | 298836   | 39.481 | ng    | 98       |
| 15) Benzyl Alcohol            | 6.963  | 79   | 263559   | 41.098 | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.098  | 45   | 380932   | 37.790 | ng    | 99       |
| 17) 2-Methylphenol            | 7.075  | 107  | 256762   | 38.999 | ng    | 97       |
| 18) Hexachloroethane          | 7.333  | 117  | 115580   | 40.623 | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 7.239  | 70   | 199206   | 38.548 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.228  | 107  | 314491   | 39.173 | ng    | 93       |
| 22) Acetophenone              | 7.233  | 105  | 395992   | 39.952 | ng    | 95       |
| 24) Nitrobenzene              | 7.404  | 77   | 313277   | 41.768 | ng    | 93       |
| 25) Isophorone                | 7.639  | 82   | 561289   | 40.096 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.716  | 139  | 159455   | 46.597 | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.757  | 122  | 262632   | 40.615 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.857  | 93   | 344493   | 40.165 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 7.957  | 162  | 255259   | 41.872 | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 8.039  | 180  | 272757   | 41.015 | ng    | 95       |
| 31) Naphthalene               | 8.122  | 128  | 875797   | 40.631 | ng    | 100      |
| 32) Benzoic acid              | 7.869  | 122  | 191899m  | 38.212 | ng    |          |
| 33) 4-Chloroaniline           | 8.175  | 127  | 383592   | 40.637 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.239  | 225  | 159865   | 41.918 | ng    | 98       |
| 35) Caprolactam               | 8.551  | 113  | 82756    | 41.749 | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 8.651  | 107  | 271960   | 42.494 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.816  | 142  | 593908   | 41.093 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.916  | 142  | 553877   | 41.181 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 8.980  | 216  | 269441   | 40.812 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 8.969  | 237  | 141497   | 40.118 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.092  | 196  | 178390   | 41.442 | ng    | 100      |

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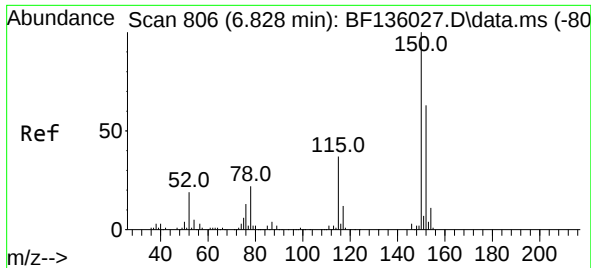
Manual Integrations  
 APPROVED

Reviewed By :Yogesh  
 Patel

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |                                  |
|-------------------------------|--------|------|----------|--------|-------|----------|----------------------------------|
| 44) 2,4,5-Trichlorophenol     | 9.133  | 196  | 207870   | 41.688 | ng    | 98       | 11/06/2023                       |
| 46) 1,1'-Biphenyl             | 9.280  | 154  | 718598   | 40.721 | ng    | 99       | Supervised By :mohammad<br>ahmed |
| 47) 2-Chloronaphthalene       | 9.304  | 162  | 527879   | 40.577 | ng    | 97       |                                  |
| 48) 2-Nitroaniline            | 9.404  | 65   | 170811   | 44.366 | ng    | 93       |                                  |
| 49) Acenaphthylene            | 9.722  | 152  | 849383   | 41.852 | ng    | 99       |                                  |
| 50) Dimethylphthalate         | 9.586  | 163  | 638087   | 41.788 | ng    | 100      |                                  |
| 51) 2,6-Dinitrotoluene        | 9.645  | 165  | 143341   | 43.891 | ng    | 93       | 11/07/2023                       |
| 52) Acenaphthene              | 9.898  | 154  | 562869   | 43.628 | ng    | 99       |                                  |
| 53) 3-Nitroaniline            | 9.816  | 138  | 160813   | 42.201 | ng    | 93       |                                  |
| 54) 2,4-Dinitrophenol         | 9.916  | 184  | 63056    | 40.050 | ng    | # 88     |                                  |
| 55) Dibenzofuran              | 10.069 | 168  | 769156   | 40.885 | ng    | 97       |                                  |
| 56) 4-Nitrophenol             | 9.969  | 139  | 118454   | 41.557 | ng    | 83       |                                  |
| 57) 2,4-Dinitrotoluene        | 10.051 | 165  | 188428   | 45.602 | ng    | 91       |                                  |
| 58) Fluorene                  | 10.410 | 166  | 580590   | 41.219 | ng    | 100      |                                  |
| 59) 2,3,4,6-Tetrachlorophenol | 10.180 | 232  | 160704   | 40.538 | ng    | 99       |                                  |
| 60) Diethylphthalate          | 10.286 | 149  | 689058   | 47.230 | ng    | 99       |                                  |
| 61) 4-Chlorophenyl-phenyle... | 10.404 | 204  | 287204   | 40.848 | ng    | 97       |                                  |
| 62) 4-Nitroaniline            | 10.433 | 138  | 157469   | 42.915 | ng    | 99       |                                  |
| 63) Azobenzene                | 10.569 | 77   | 576570   | 41.035 | ng    | 96       |                                  |
| 65) 4,6-Dinitro-2-methylph... | 10.457 | 198  | 96394    | 42.556 | ng    | 83       |                                  |
| 66) n-Nitrosodiphenylamine    | 10.527 | 169  | 525944   | 41.551 | ng    | 100      |                                  |
| 67) 4-Bromophenyl-phenylether | 10.898 | 248  | 185789   | 42.232 | ng    | 95       |                                  |
| 68) Hexachlorobenzene         | 10.957 | 284  | 194175   | 41.327 | ng    | # 90     |                                  |
| 69) Atrazine                  | 11.057 | 200  | 134954   | 39.186 | ng    | 98       |                                  |
| 70) Pentachlorophenol         | 11.151 | 266  | 126334   | 41.868 | ng    | 96       |                                  |
| 71) Phenanthrene              | 11.374 | 178  | 868856   | 41.125 | ng    | 99       |                                  |
| 72) Anthracene                | 11.427 | 178  | 899569   | 41.553 | ng    | 100      |                                  |
| 73) Carbazole                 | 11.586 | 167  | 759905   | 40.393 | ng    | 99       |                                  |
| 74) Di-n-butylphthalate       | 11.927 | 149  | 888019   | 41.310 | ng    | 99       |                                  |
| 75) Fluoranthene              | 12.568 | 202  | 865021   | 39.855 | ng    | 99       |                                  |
| 77) Benzidine                 | 12.698 | 184  | 197817   | 48.649 | ng    | 98       |                                  |
| 78) Pyrene                    | 12.798 | 202  | 865436   | 47.053 | ng    | 100      |                                  |
| 80) Butylbenzylphthalate      | 13.433 | 149  | 279884   | 42.511 | ng    | 99       |                                  |
| 81) Benzo(a)anthracene        | 13.998 | 228  | 572321   | 41.439 | ng    | 99       |                                  |
| 82) 3,3'-Dichlorobenzidine    | 13.962 | 252  | 187422   | 42.517 | ng    | 99       |                                  |
| 83) Chrysene                  | 14.033 | 228  | 538482   | 39.590 | ng    | 99       |                                  |
| 84) Bis(2-ethylhexyl)phtha... | 13.998 | 149  | 295161   | 38.480 | ng    | # 97     |                                  |
| 85) Di-n-octyl phthalate      | 14.621 | 149  | 434071   | 37.775 | ng    | 99       |                                  |
| 87) Indeno(1,2,3-cd)pyrene    | 17.009 | 276  | 716310   | 47.502 | ng    | 99       |                                  |
| 88) Benzo(b)fluoranthene      | 15.057 | 252  | 519656   | 38.063 | ng    | 99       |                                  |
| 89) Benzo(k)fluoranthene      | 15.086 | 252  | 476895   | 35.303 | ng    | 99       |                                  |
| 90) Benzo(a)pyrene            | 15.433 | 252  | 520828   | 41.057 | ng    | 99       |                                  |
| 91) Dibenzo(a,h)anthracene    | 17.039 | 278  | 588518   | 47.645 | ng    | 99       |                                  |
| 92) Benzo(g,h,i)perylene      | 17.474 | 276  | 609063   | 43.592 | ng    | 99       |                                  |

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



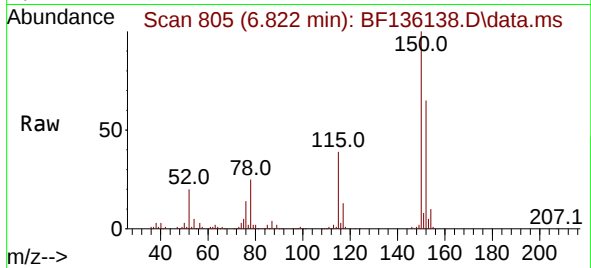


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.822 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

Instrument :

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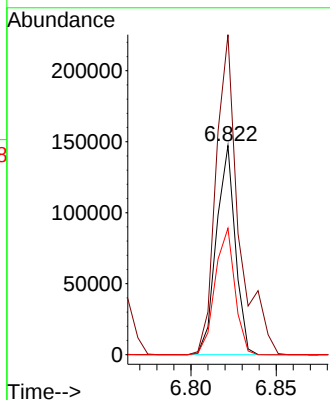
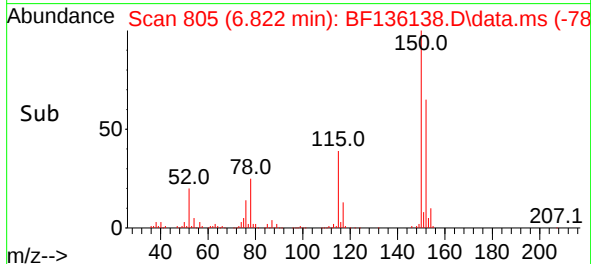
ClientSampleId :



Tgt Ion:152 Resp: 114070  
Ion Ratio Lower Upper  
152 100  
150 153.1 126.4 189.6  
115 60.4 47.0 70.4

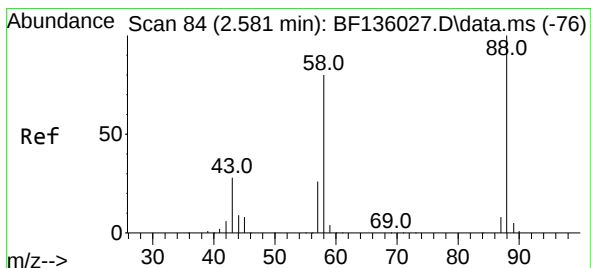
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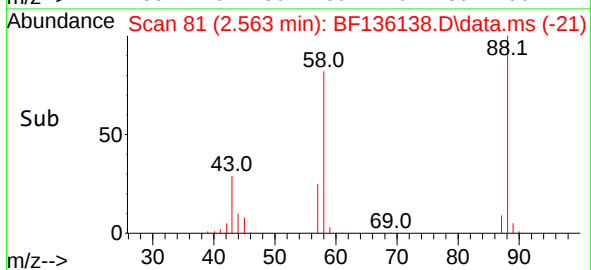
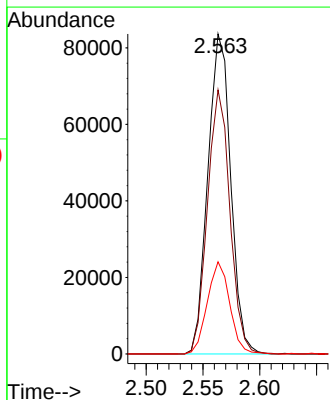
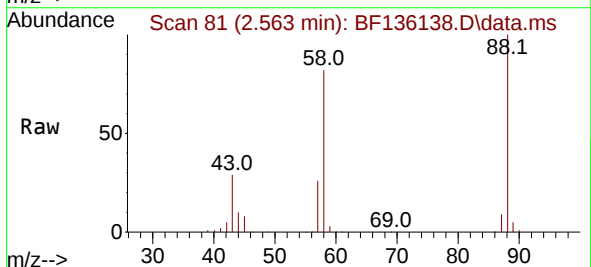
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Supervised By :mohammad  
ahmed

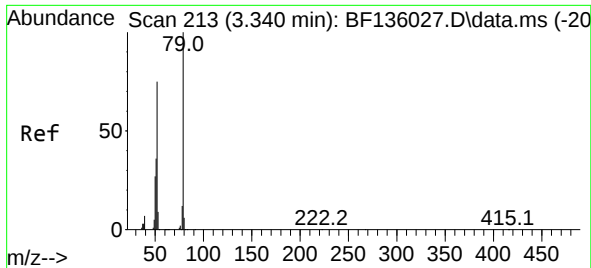
11/07/2023



#2  
1,4-Dioxane  
Concen: 37.027 ng  
RT: 2.563 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

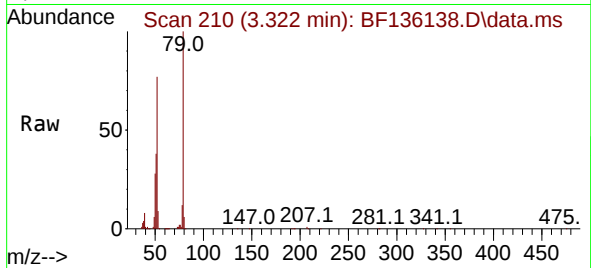
Tgt Ion: 88 Resp: 117042  
Ion Ratio Lower Upper  
88 100  
58 81.0 64.3 96.5  
43 28.2 22.3 33.5





#3  
Pyridine  
Concen: 37.188 ng  
RT: 3.322 min Scan# 213  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

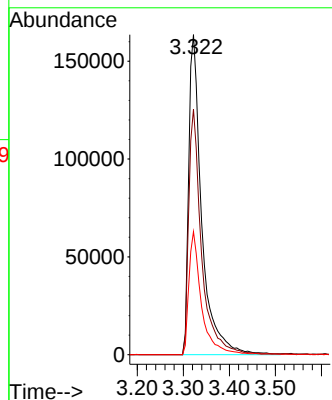
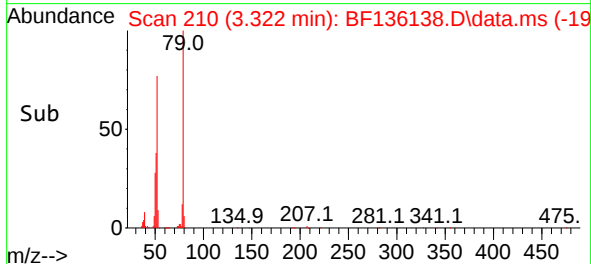
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion: 79 Resp: 320850  
Ion Ratio Lower Upper  
79 100  
52 76.7 60.3 90.5  
51 38.4 29.3 43.9

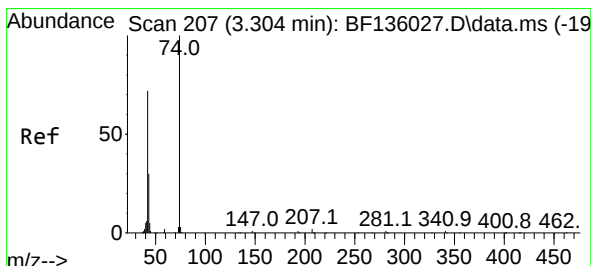
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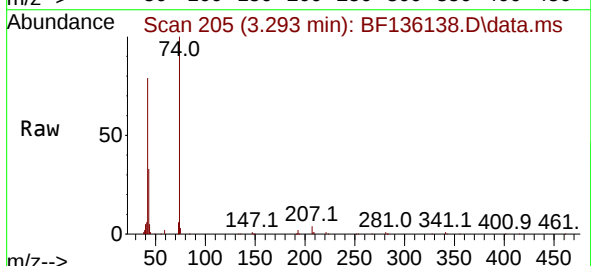


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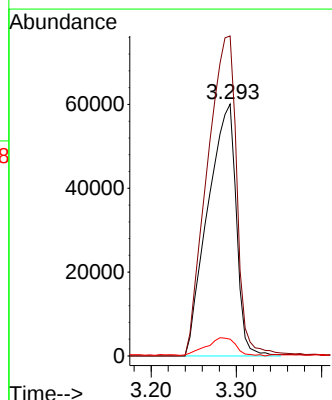
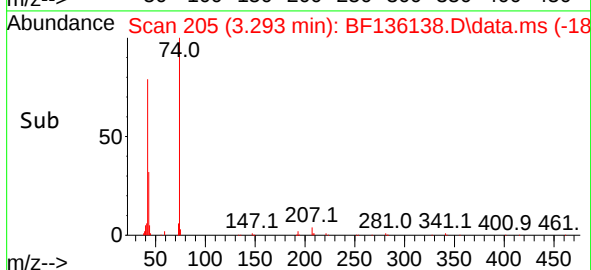
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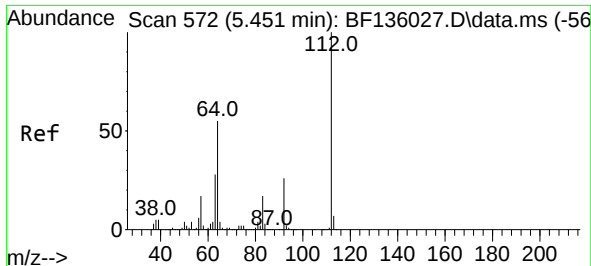


#4  
n-Nitrosodimethylamine  
Concen: 38.593 ng  
RT: 3.293 min Scan# 205  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32



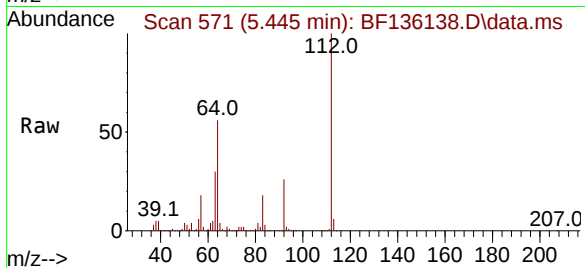
Tgt Ion: 42 Resp: 139219  
Ion Ratio Lower Upper  
42 100  
74 127.1 111.8 167.6  
44 6.7 6.2 9.4





#5  
2-Fluorophenol  
Concen: 77.420 ng  
RT: 5.445 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

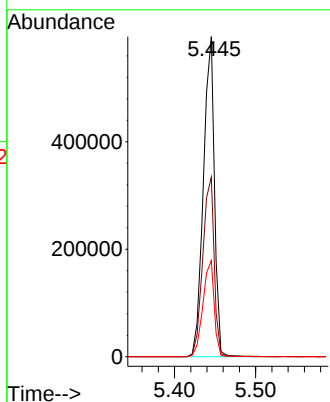
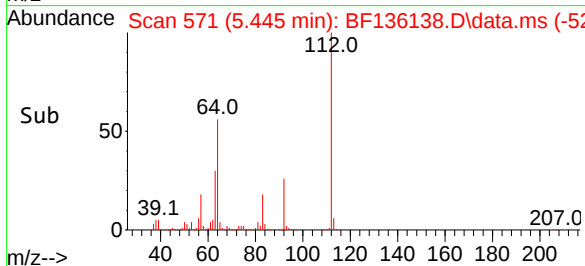
Instrument :  
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Tgt Ion: 112 Resp: 56200  
Ion Ratio Lower Upper  
112 100  
64 56.1 43.9 65.9  
63 30.0 22.4 33.6

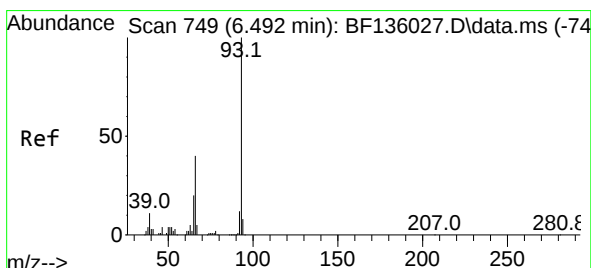
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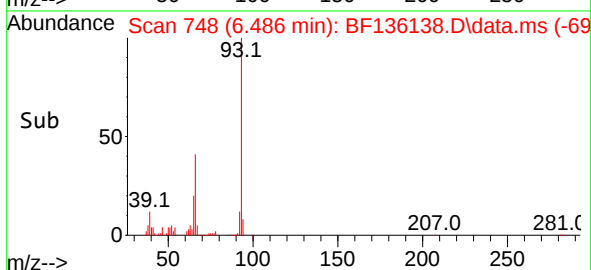
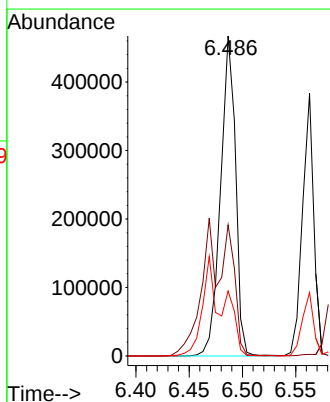
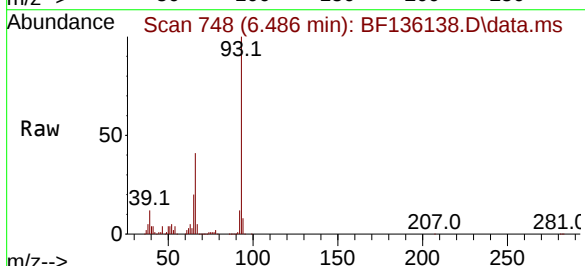
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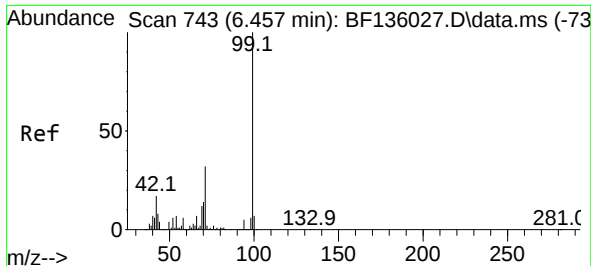
11/07/2023



#6  
Aniline  
Concen: 39.006 ng  
RT: 6.486 min Scan# 748  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

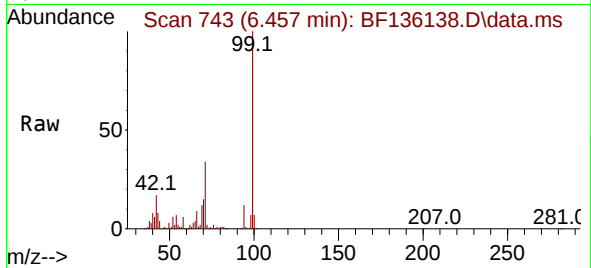
Tgt Ion: 93 Resp: 456747  
Ion Ratio Lower Upper  
93 100  
66 41.0 32.4 48.6  
65 20.3 16.2 24.2





#7  
Phenol-d6  
Concen: 78.178 ng  
RT: 6.457 min Scan# 743  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

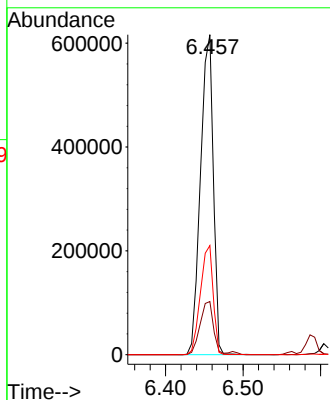
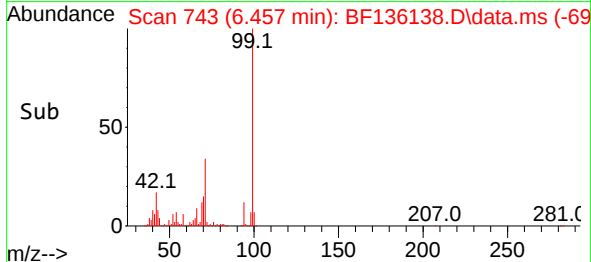
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion: 99 Resp: 707070  
Ion Ratio Lower Upper  
99 100  
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71 34.1 25.9 38.9

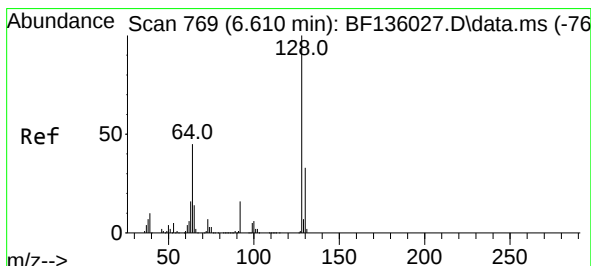
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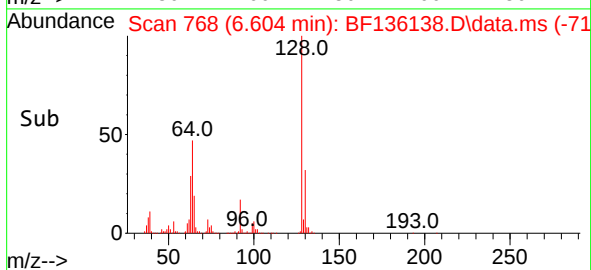
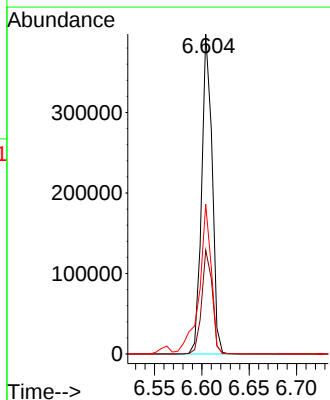
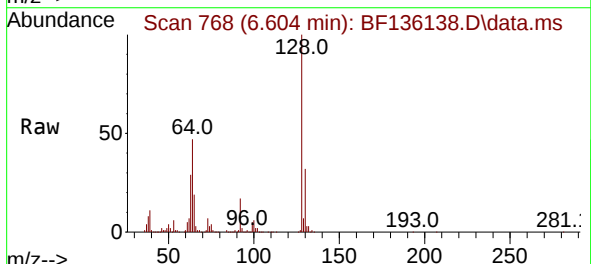
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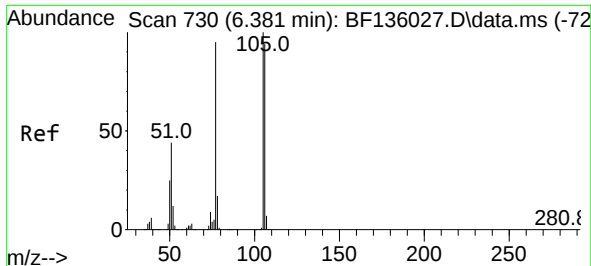
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#8  
2-Chlorophenol  
Concen: 39.198 ng  
RT: 6.604 min Scan# 768  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

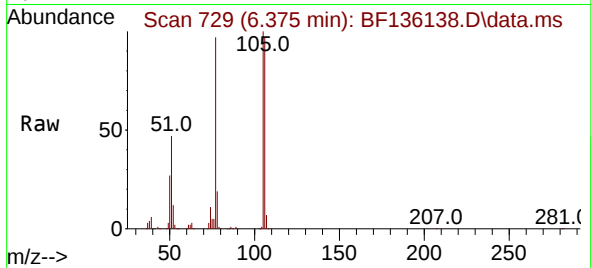
Tgt Ion:128 Resp: 304213  
Ion Ratio Lower Upper  
128 100  
130 32.4 12.8 52.8  
64 46.8 25.8 65.8





#9  
Benzaldehyde  
Concen: 39.601 ng  
RT: 6.375 min Scan# 729  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

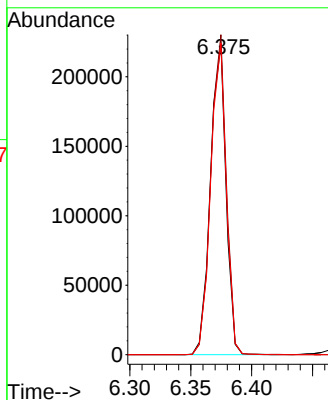
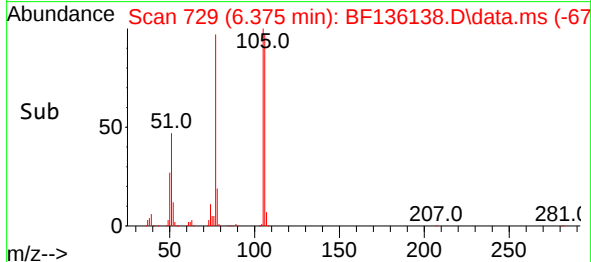
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion: 77 Resp: 199718  
Ion Ratio Lower Upper  
77 100  
105 103.0 85.7 125.7  
106 100.3 79.8 119.8

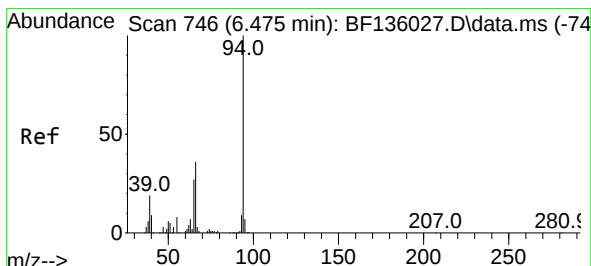
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel

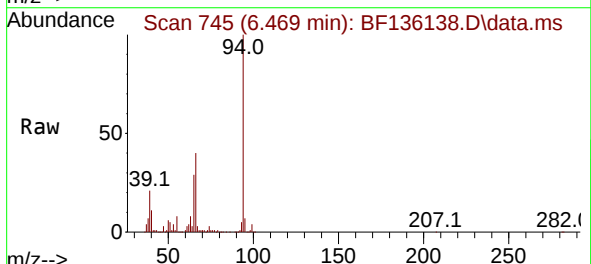


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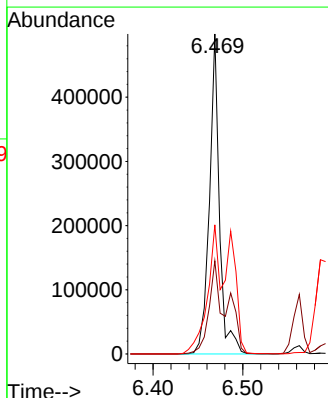
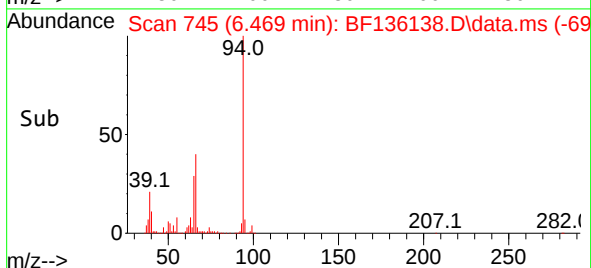
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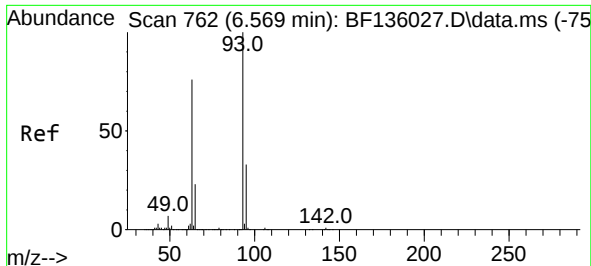


#10  
Phenol  
Concen: 41.336 ng  
RT: 6.469 min Scan# 745  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32



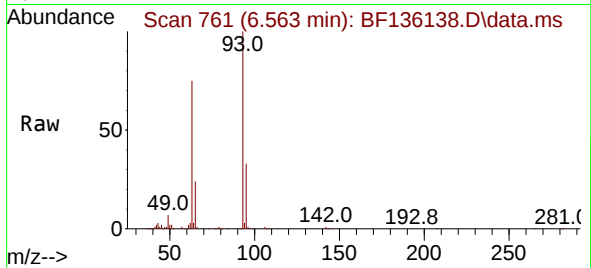
Tgt Ion: 94 Resp: 386682  
Ion Ratio Lower Upper  
94 100  
65 29.1 7.5 47.5  
66 40.4 17.1 57.1





#11  
bis(2-Chloroethyl)ether  
Concen: 38.282 ng  
RT: 6.563 min Scan# 761  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

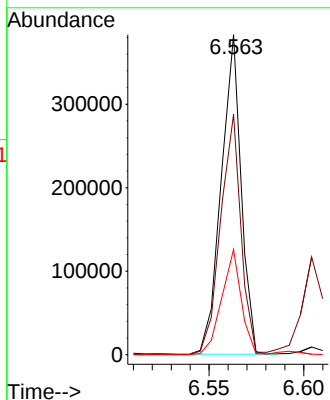
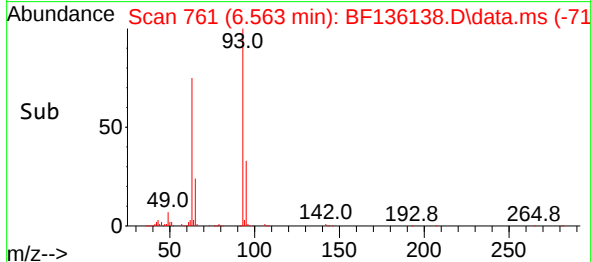
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion: 93 Resp: 280358  
Ion Ratio Lower Upper  
93 100  
63 75.1 55.8 95.8  
95 32.8 12.9 52.9

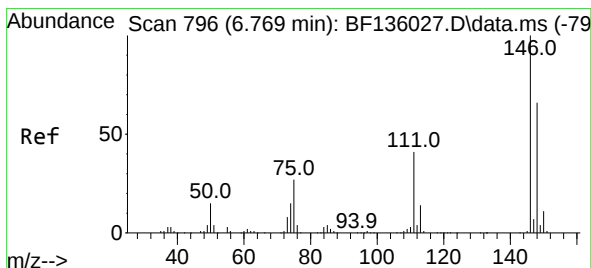
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel

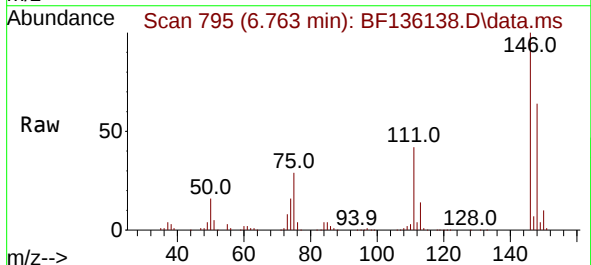


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Supervised By :mohammad  
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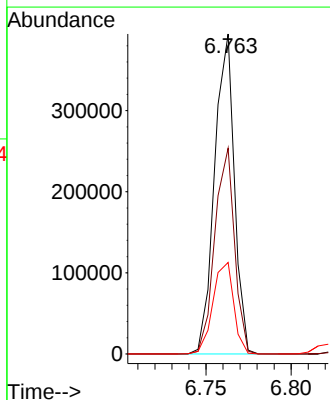
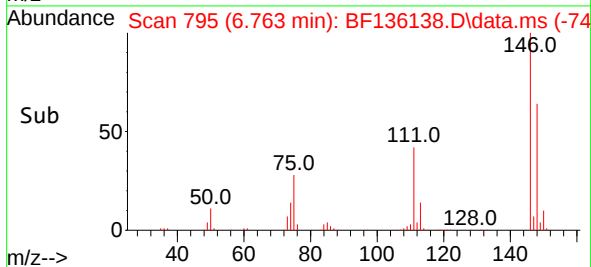
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#12  
1,3-Dichlorobenzene  
Concen: 39.460 ng  
RT: 6.763 min Scan# 795  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32



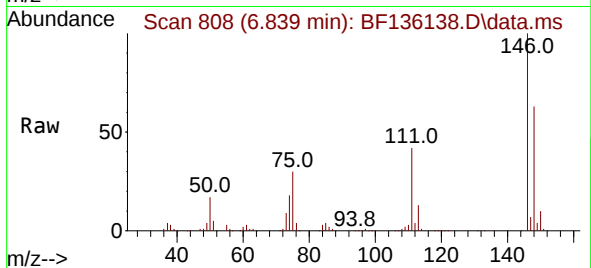
Tgt Ion:146 Resp: 318735  
Ion Ratio Lower Upper  
146 100  
148 64.3 52.6 78.8  
75 28.6 21.6 32.4





#13  
1,4-Dichlorobenzene  
Concen: 39.677 ng  
RT: 6.839 min Scan# 809  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

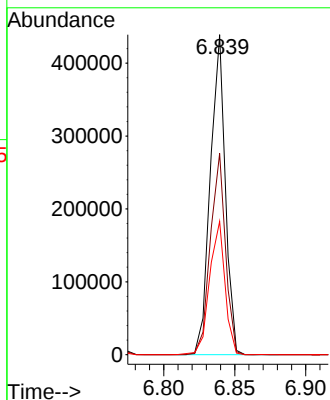
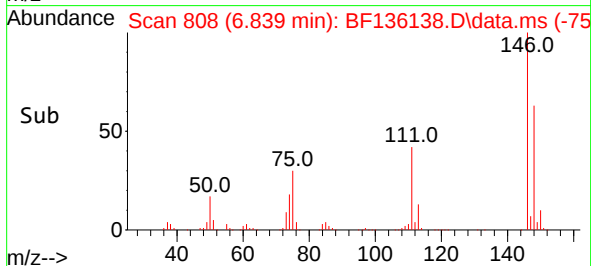
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:146 Resp: 32118  
Ion Ratio Lower Upper  
146 100  
148 62.9 52.1 78.1  
111 41.7 32.6 48.8

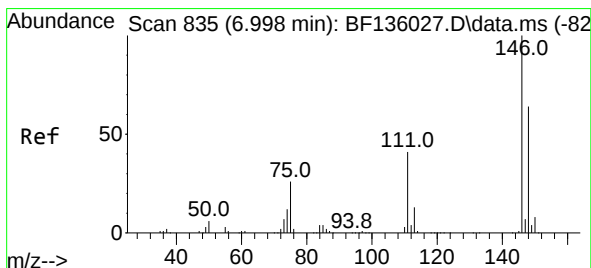
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel

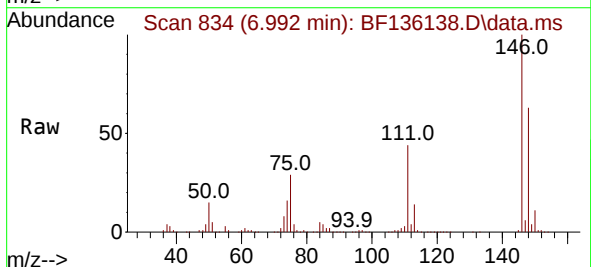


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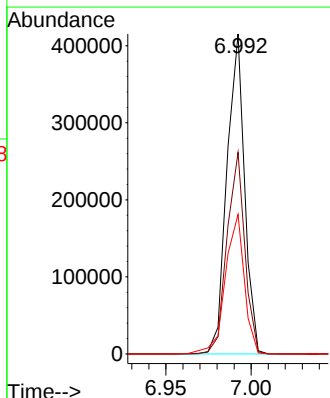
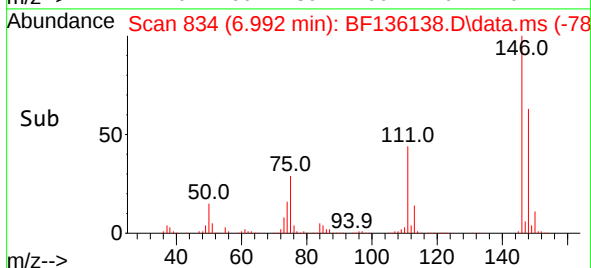
11/07/2023

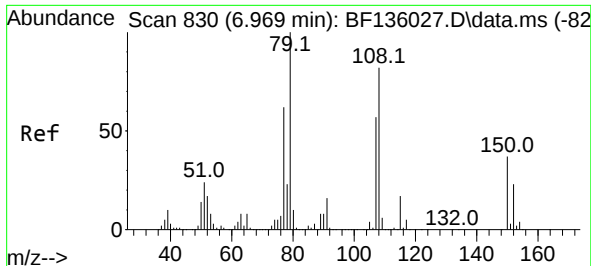


#14  
1,2-Dichlorobenzene  
Concen: 39.481 ng  
RT: 6.992 min Scan# 834  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32



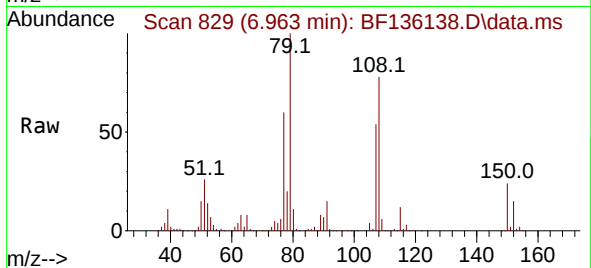
Tgt Ion:146 Resp: 298836  
Ion Ratio Lower Upper  
146 100  
148 63.0 51.4 77.2  
111 43.6 33.0 49.4





#15  
Benzyl Alcohol  
Concen: 41.098 ng  
RT: 6.963 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

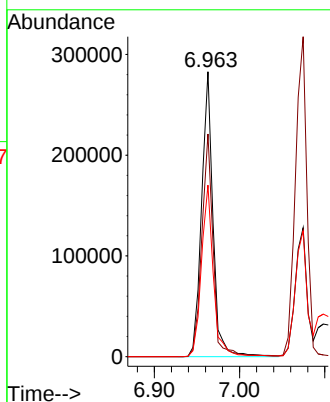
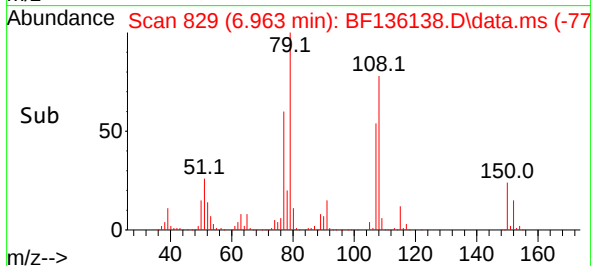
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion: 79 Resp: 26355  
Ion Ratio Lower Upper  
79 100  
108 78.2 65.9 98.9  
77 60.2 49.4 74.2

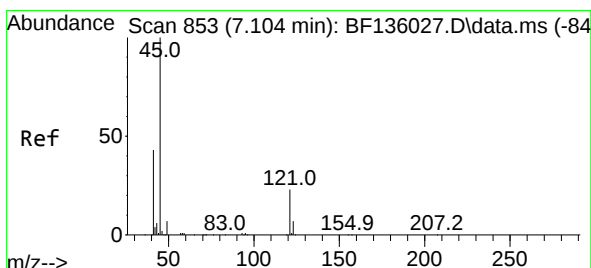
Manual Integrations  
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Patel



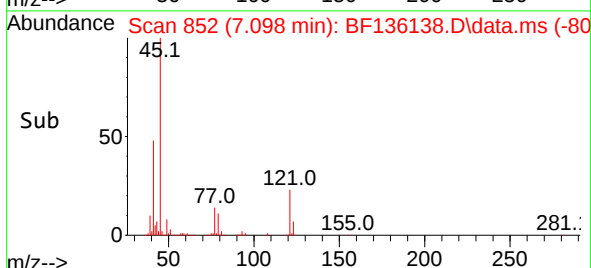
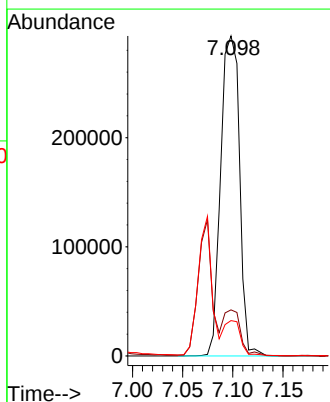
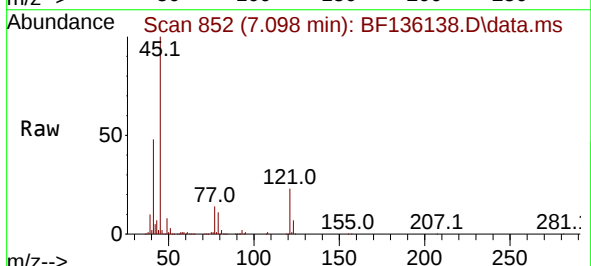
11/06/2023  
Supervised By :mohammad  
ahmed

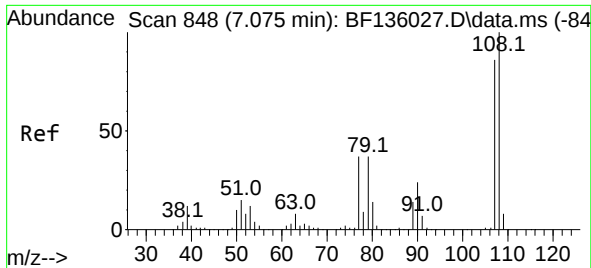
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.790 ng  
RT: 7.098 min Scan# 852  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

Tgt Ion: 45 Resp: 380932  
Ion Ratio Lower Upper  
45 100  
77 14.4 0.0 34.6  
79 11.1 0.0 30.6



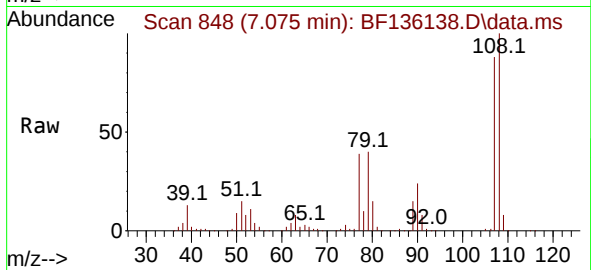


#17  
2-Methylphenol  
Concen: 38.999 ng  
RT: 7.075 min Scan# 848  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

Instrument :

BNA\_F

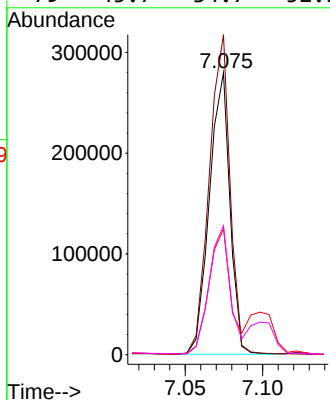
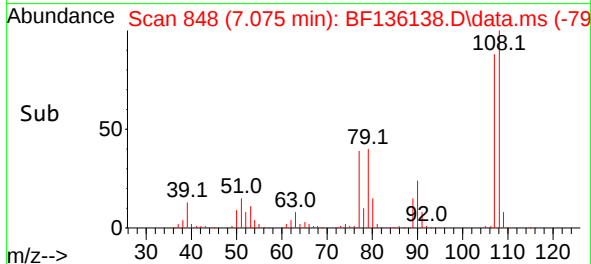
ClientSampleId :



Tgt Ion:107 Resp: 256762  
Ion Ratio Lower Upper  
107 100  
108 113.4 93.4 140.2  
77 44.6 34.4 51.6  
79 45.7 34.7 52.1

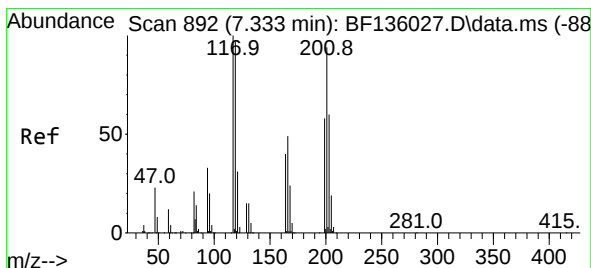
Manual Integrations  
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Patel



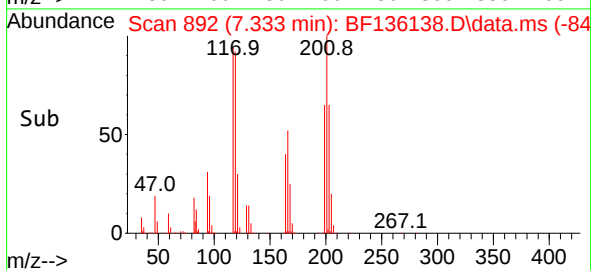
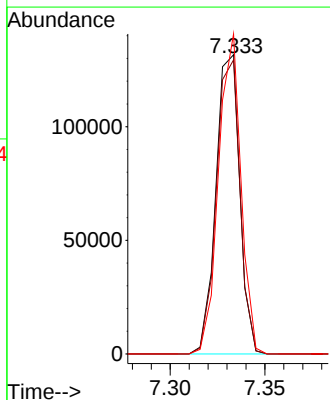
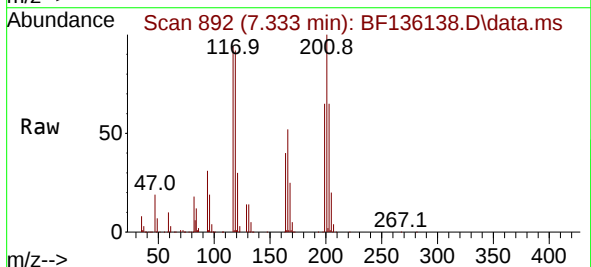
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#18  
Hexachloroethane  
Concen: 40.623 ng  
RT: 7.333 min Scan# 892  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

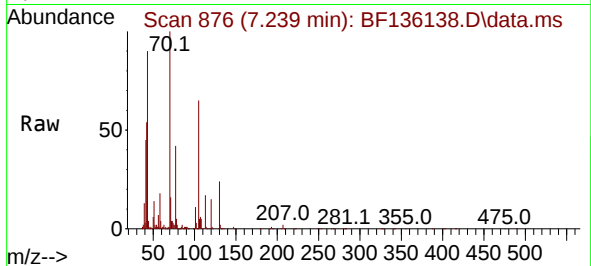
Tgt Ion:117 Resp: 115580  
Ion Ratio Lower Upper  
117 100  
119 98.3 77.7 116.5  
201 107.0 75.0 112.6





#19  
n-Nitroso-di-n-propylamine  
Concen: 38.548 ng  
RT: 7.239 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

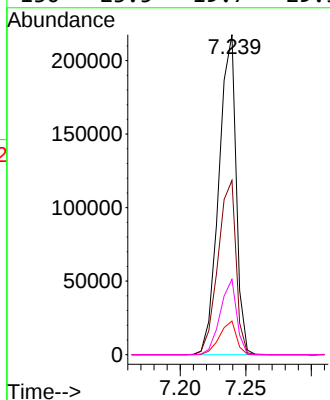
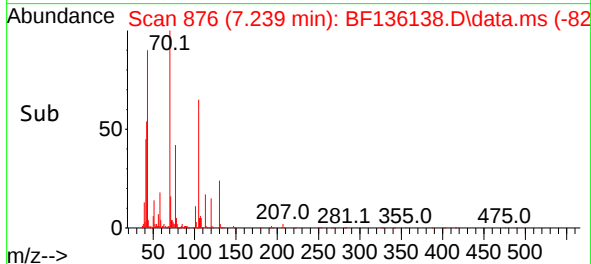
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion: 70 Resp: 199200  
Ion Ratio Lower Upper  
70 100  
42 54.5 43.0 64.4  
101 10.5 8.0 12.0  
130 23.5 19.7 29.5

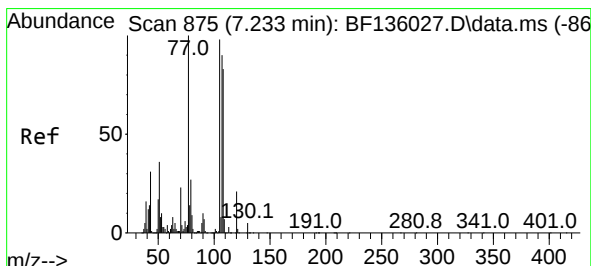
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel

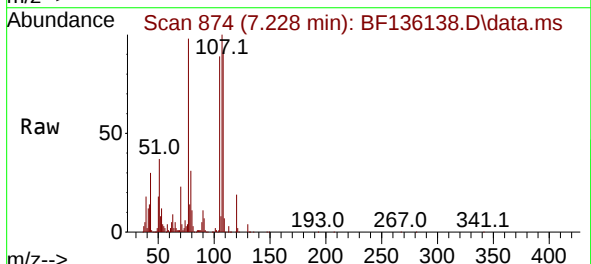


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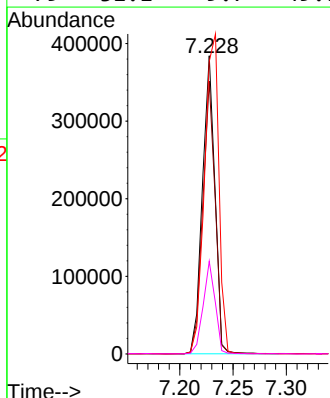
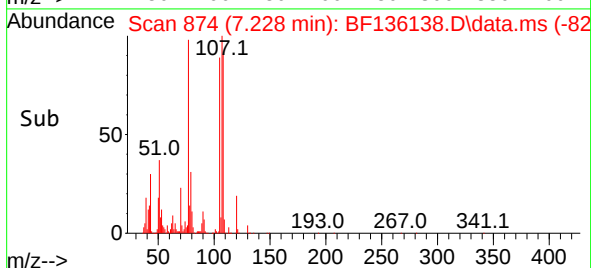
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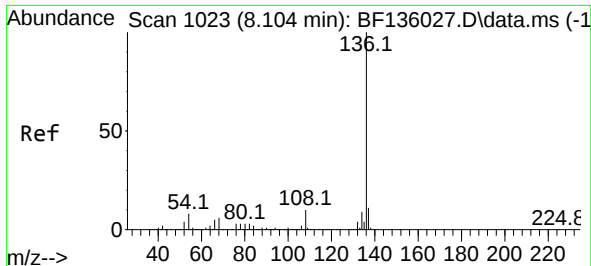


#20  
3+4-Methylphenols  
Concen: 39.173 ng  
RT: 7.228 min Scan# 874  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32



Tgt Ion:107 Resp: 314491  
Ion Ratio Lower Upper  
107 100  
108 91.4 72.3 112.3  
77 98.1 91.4 131.4  
79 31.1 9.7 49.7



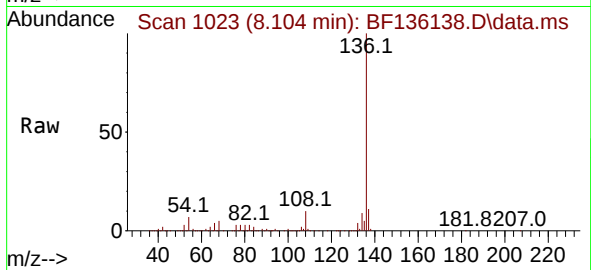


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.104 min Scan# 1023  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

Instrument :

BNA\_F

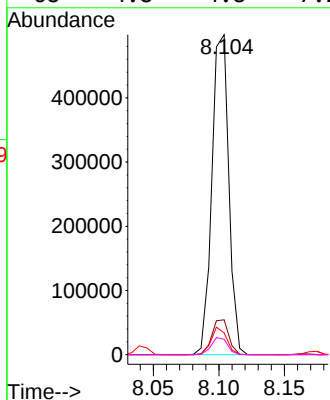
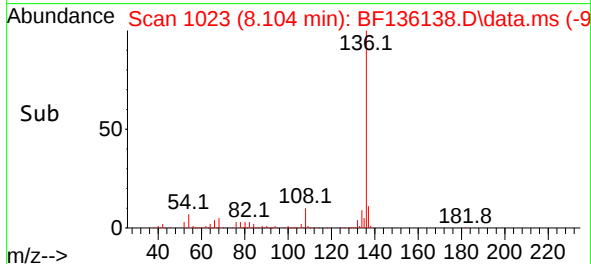
ClientSampleId :



Tgt Ion:136 Resp: 446989  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 6.8 6.6 9.8  
68 4.8 4.8 7.2

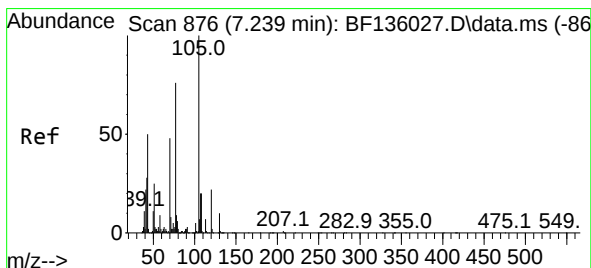
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



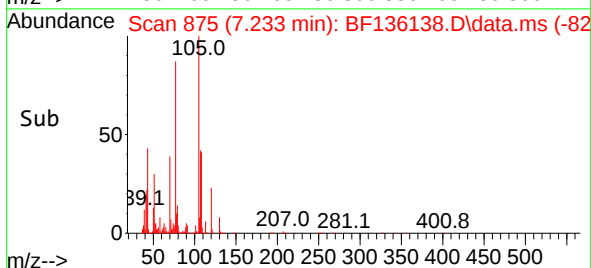
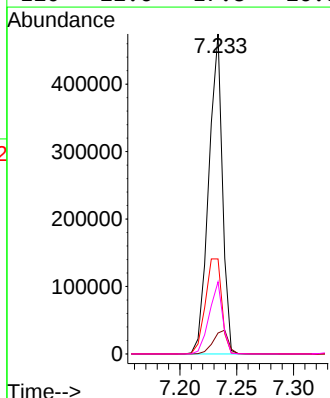
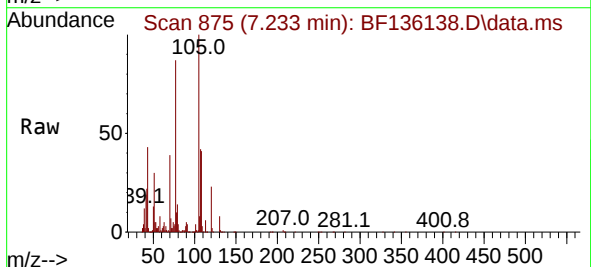
11/06/2023  
Supervised By :mohammad  
ahmed

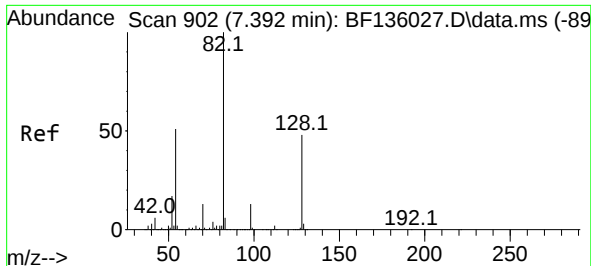
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#22  
Acetophenone  
Concen: 39.952 ng  
RT: 7.233 min Scan# 875  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

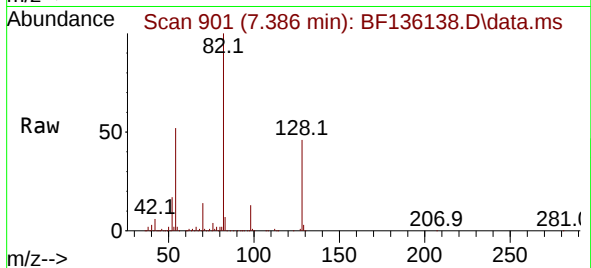
Tgt Ion:105 Resp: 395992  
Ion Ratio Lower Upper  
105 100  
71 6.5 6.5 9.7  
51 29.7 20.3 30.5  
120 22.6 17.8 26.8





#23  
Nitrobenzene-d5  
Concen: 85.952 ng  
RT: 7.386 min Scan# 901  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

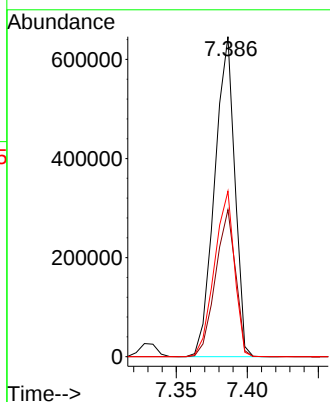
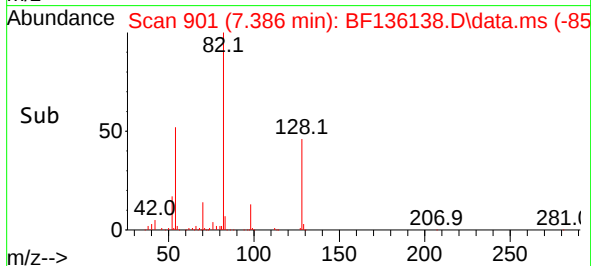
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion: 82 Resp: 63732  
Ion Ratio Lower Upper  
82 100  
128 46.0 38.6 57.8  
54 51.7 40.8 61.2

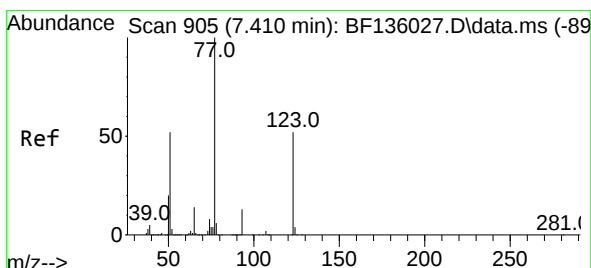
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel

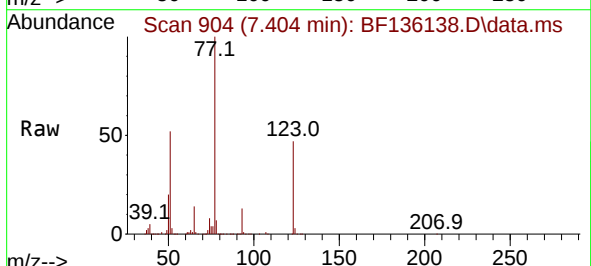


11/06/2023  
Supervised By :mohammad  
ahmed

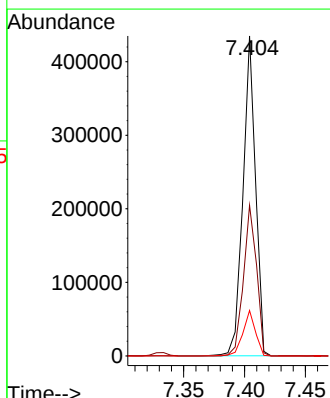
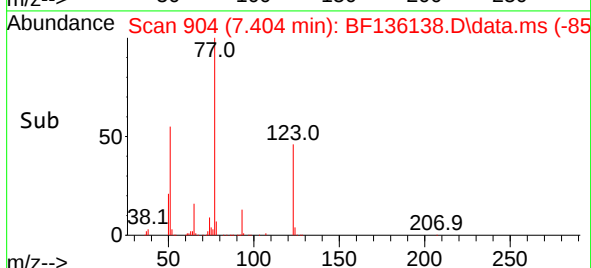
11/07/2023

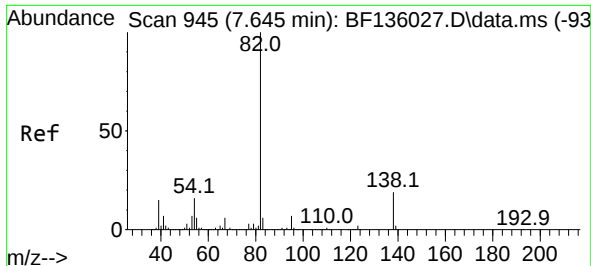


#24  
Nitrobenzene  
Concen: 41.768 ng  
RT: 7.404 min Scan# 904  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32



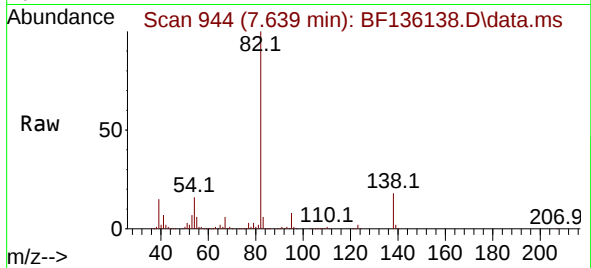
Tgt Ion: 77 Resp: 313277  
Ion Ratio Lower Upper  
77 100  
123 47.1 42.3 63.5  
65 14.2 11.0 16.6





#25  
Isophorone  
Concen: 40.096 ng  
RT: 7.639 min Scan# 945  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

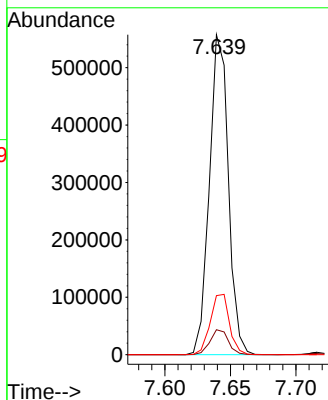
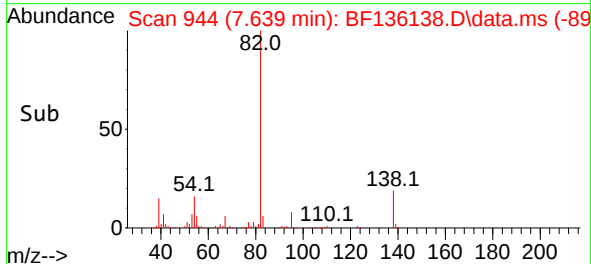
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion: 82 Resp: 561289  
Ion Ratio Lower Upper  
82 100  
95 7.8 5.9 8.9  
138 18.5 15.3 22.9

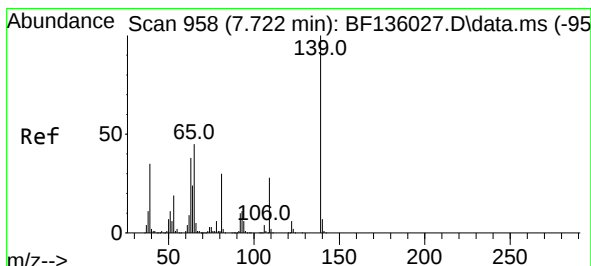
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



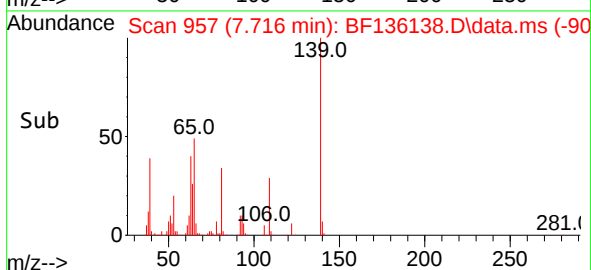
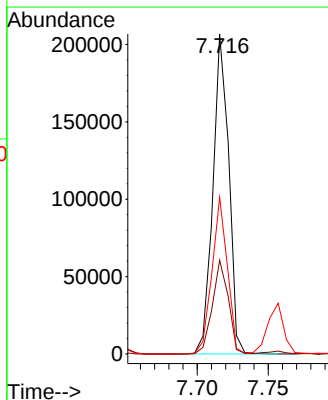
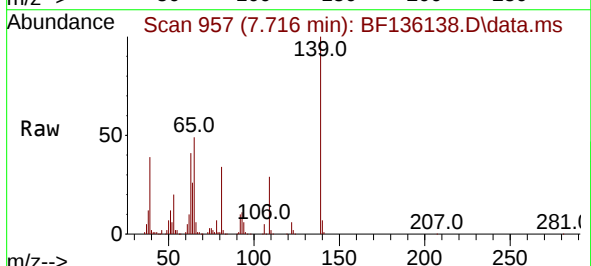
11/06/2023  
Supervised By :mohammad  
ahmed

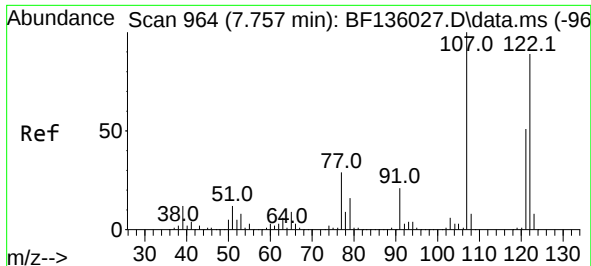
11/07/2023



#26  
2-Nitrophenol  
Concen: 46.597 ng  
RT: 7.716 min Scan# 957  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

Tgt Ion:139 Resp: 159455  
Ion Ratio Lower Upper  
139 100  
109 29.3 22.6 34.0  
65 49.0 36.3 54.5



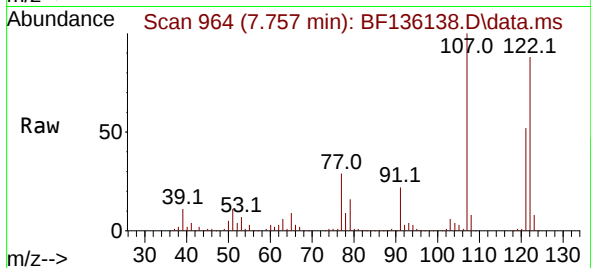


#27  
2,4-Dimethylphenol  
Concen: 40.615 ng  
RT: 7.757 min Scan# 90  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

Instrument :

BNA\_F

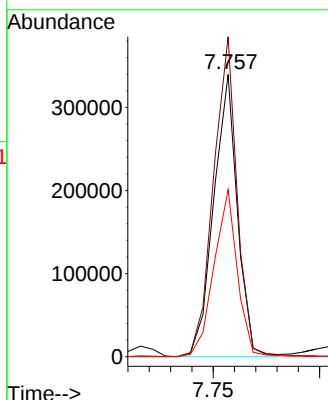
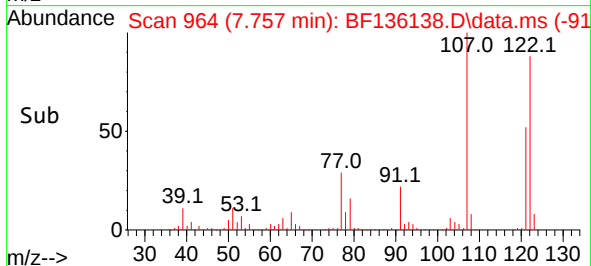
ClientSampleId :



Tgt Ion:122 Resp: 26263  
Ion Ratio Lower Upper  
122 100  
107 113.4 89.6 134.4  
121 59.2 46.0 69.0

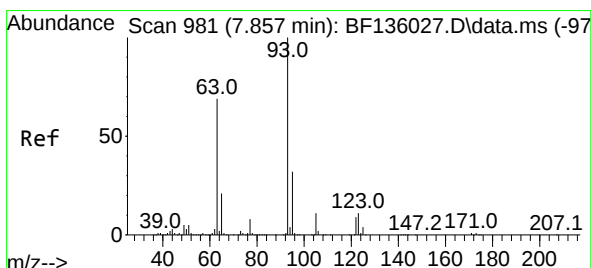
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel

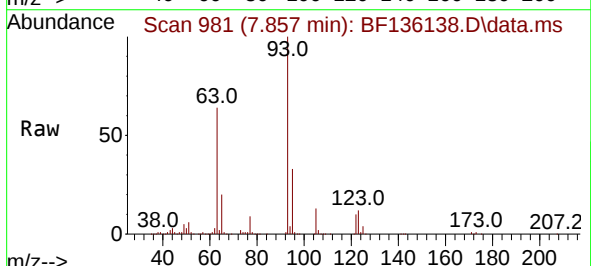


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Supervised By :mohammad  
ahmed

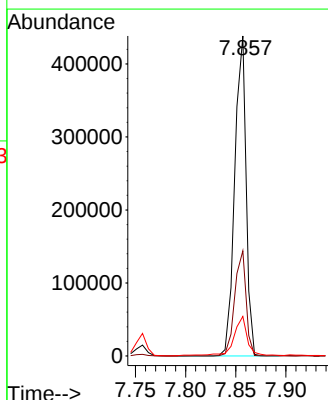
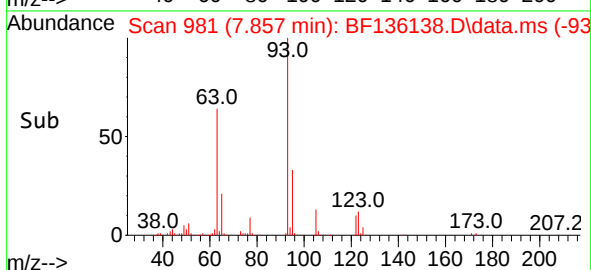
11/07/2023



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.165 ng  
RT: 7.857 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32



Tgt Ion: 93 Resp: 344493  
Ion Ratio Lower Upper  
93 100  
95 32.9 25.7 38.5  
123 12.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 41.872 ng

RT: 7.957 min Scan# 99

Delta R.T. 0.000 min

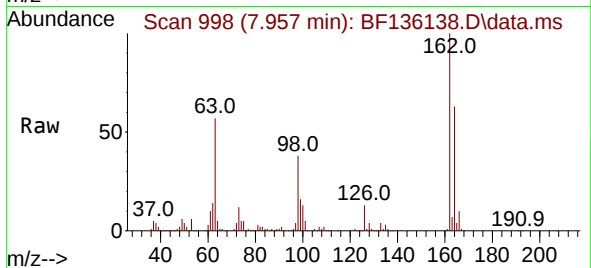
Lab File: BF136138.D

Acq: 04 Nov 2023 09:32

Instrument :

BNA\_F

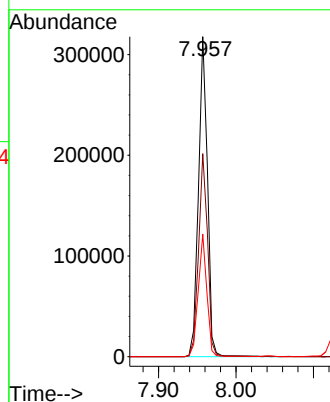
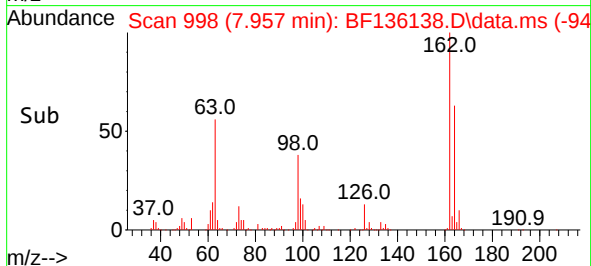
ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 162   | Resp: | 25525 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 164       | 63.4  | 45.5  | 85.5  |
| 98        | 38.3  | 14.4  | 54.4  |

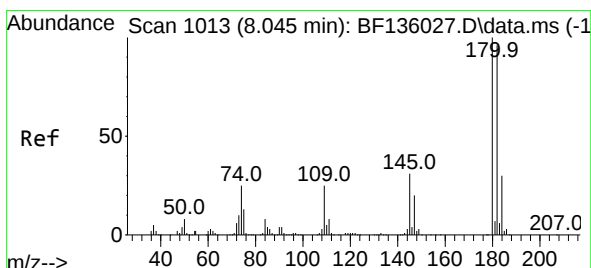
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



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#30

1,2,4-Trichlorobenzene

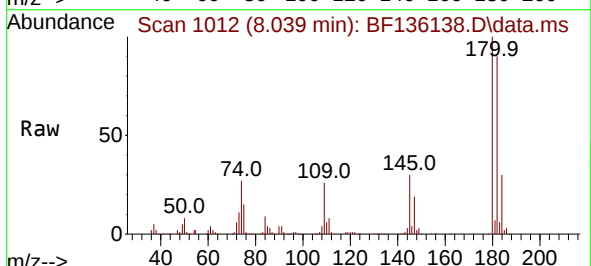
Concen: 41.015 ng

RT: 8.039 min Scan# 1012

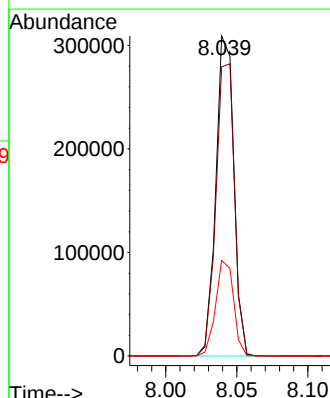
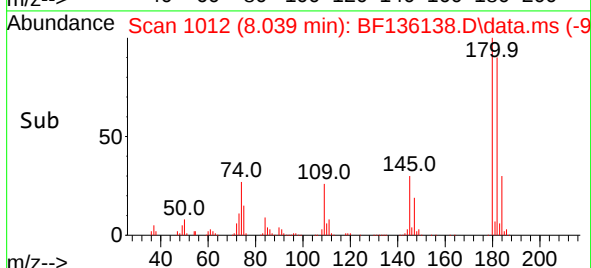
Delta R.T. 0.000 min

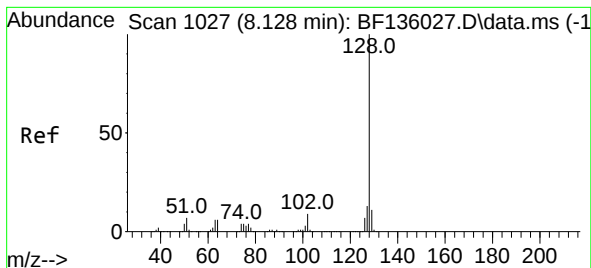
Lab File: BF136138.D

Acq: 04 Nov 2023 09:32



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 272757 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 90.4  | 76.9  | 115.3  |
| 145       | 29.8  | 24.7  | 37.1   |





#31

Naphthalene

Concen: 40.631 ng

RT: 8.122 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF136138.D

Acq: 04 Nov 2023 09:32

Instrument :

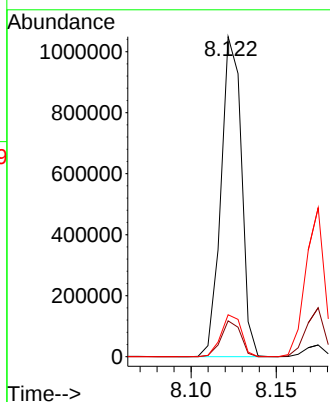
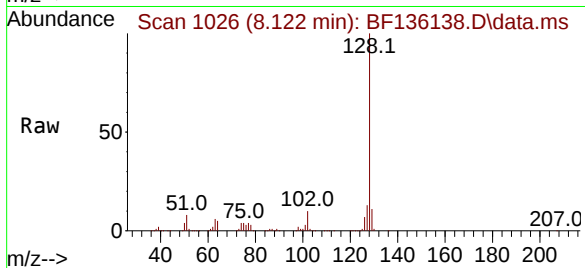
BNA\_F

ClientSampleId :

Tgt Ion:128 Resp: 875797  
 Ion Ratio Lower Upper  
 128 100  
 129 11.2 8.9 13.3  
 127 13.1 10.5 15.7

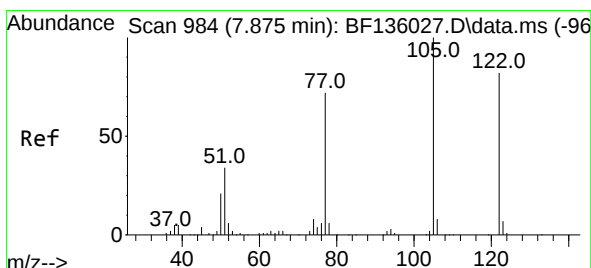
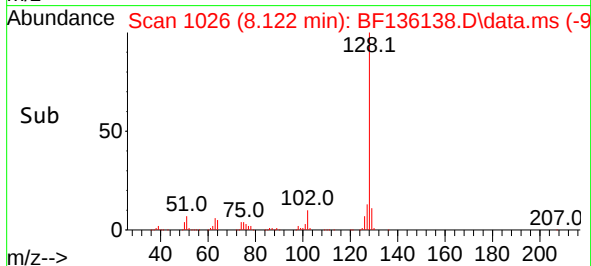
Manual Integrations  
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Reviewed By :Yogesh  
 Patel



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 Supervised By :mohammad  
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#32

Benzoic acid

Concen: 38.212 ng m

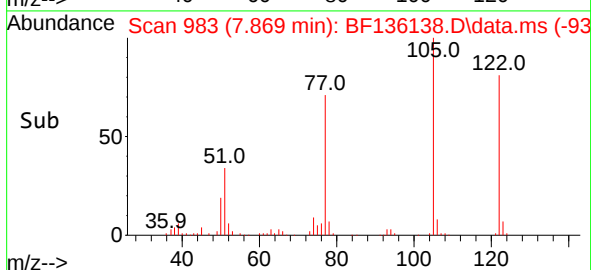
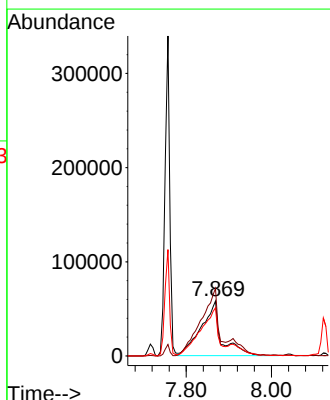
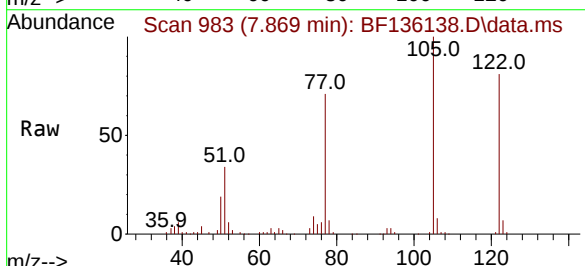
RT: 7.869 min Scan# 983

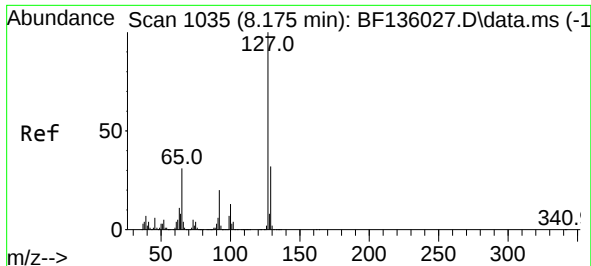
Delta R.T. 0.000 min

Lab File: BF136138.D

Acq: 04 Nov 2023 09:32

Tgt Ion:122 Resp: 191899  
 Ion Ratio Lower Upper  
 122 100  
 105 122.9 99.5 139.5  
 77 87.8 66.8 106.8



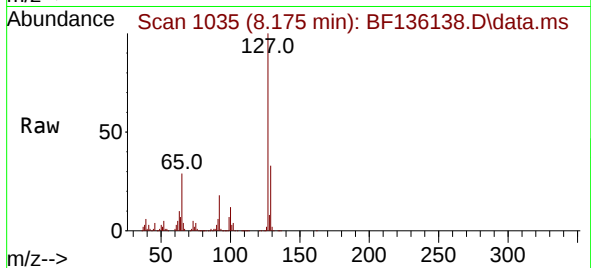


#33  
4-Chloroaniline  
Concen: 40.637 ng  
RT: 8.175 min Scan# 1035  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

Instrument :

BNA\_F

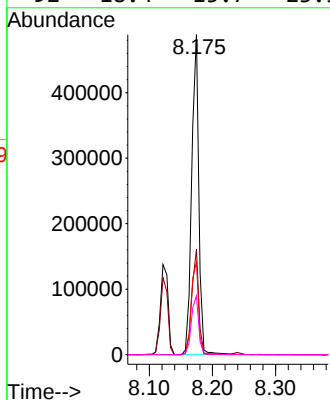
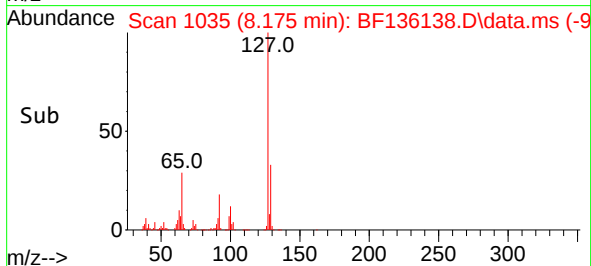
ClientSampleId :



Tgt Ion:127 Resp: 383592  
Ion Ratio Lower Upper  
127 100  
129 32.9 25.9 38.9  
65 28.9 24.6 37.0  
92 18.4 15.7 23.5

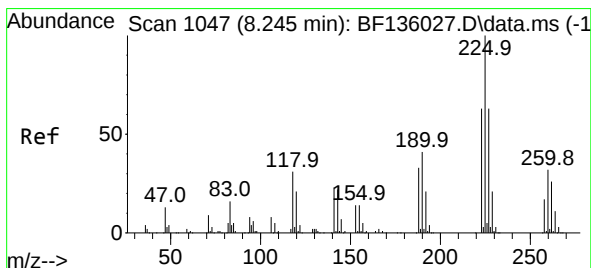
Manual Integrations  
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Patel

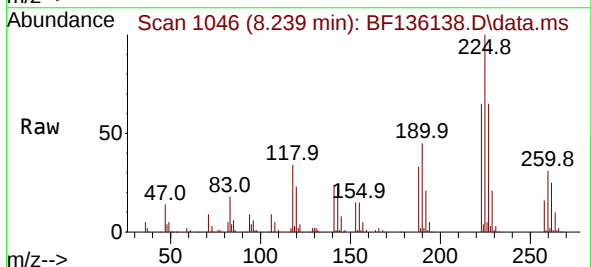


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Supervised By :mohammad  
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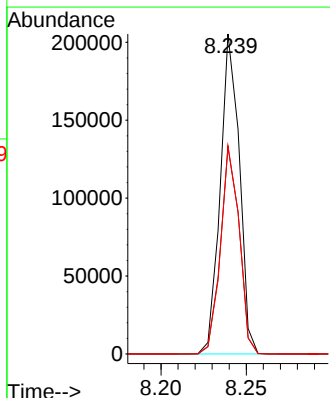
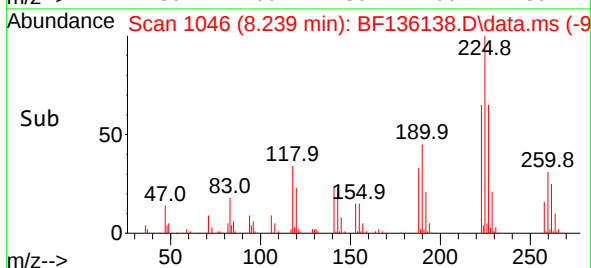
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#34  
Hexachlorobutadiene  
Concen: 41.918 ng  
RT: 8.239 min Scan# 1046  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32



Tgt Ion:225 Resp: 159865  
Ion Ratio Lower Upper  
225 100  
223 64.6 50.3 75.5  
227 65.0 50.6 75.8



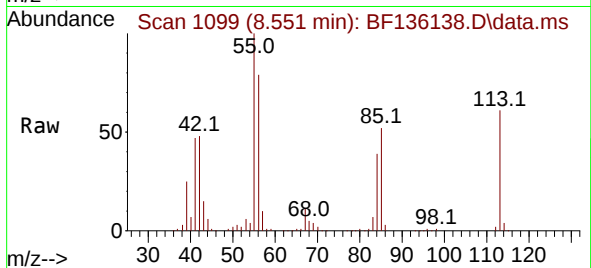


#35  
Caprolactam  
Concen: 41.749 ng  
RT: 8.551 min Scan# 1099  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

Instrument :

BNA\_F

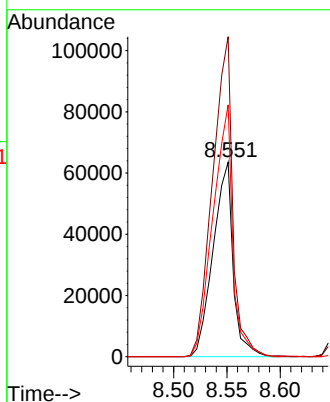
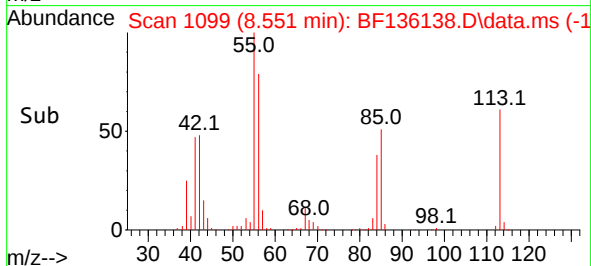
ClientSampleId :



Tgt Ion:113 Resp: 82750  
Ion Ratio Lower Upper  
113 100  
55 164.6 142.2 182.2  
56 129.5 97.7 137.7

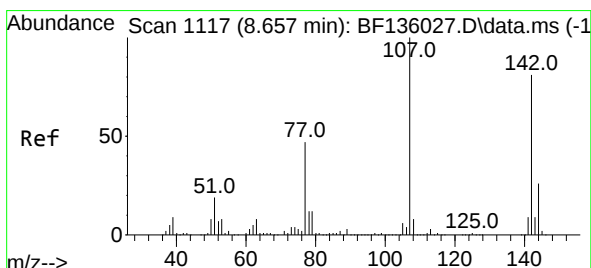
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Patel

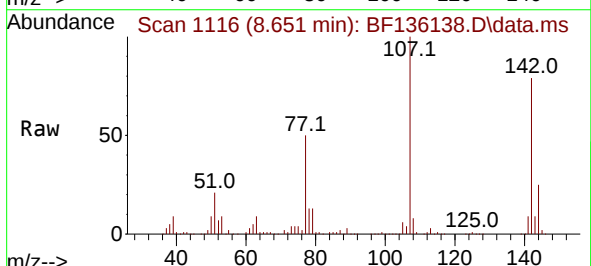


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Supervised By :mohammad  
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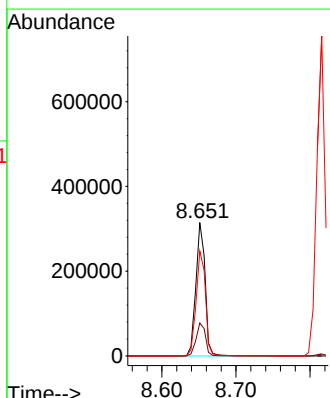
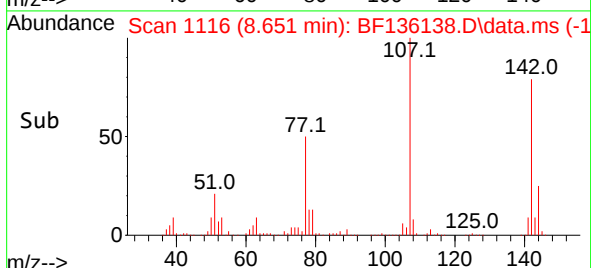
11/07/2023

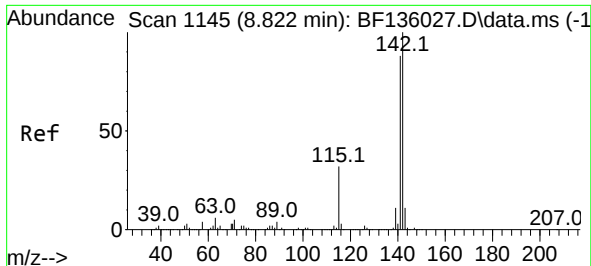


#36  
4-Chloro-3-methylphenol  
Concen: 42.494 ng  
RT: 8.651 min Scan# 1116  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32



Tgt Ion:107 Resp: 271960  
Ion Ratio Lower Upper  
107 100  
144 24.7 20.6 31.0  
142 78.6 64.6 97.0





#37

2-Methylnaphthalene

Concen: 41.093 ng

RT: 8.816 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF136138.D

Acq: 04 Nov 2023 09:32

Instrument :

BNA\_F

ClientSampleId :

Tgt Ion:142 Resp: 593908

Ion Ratio Lower Upper

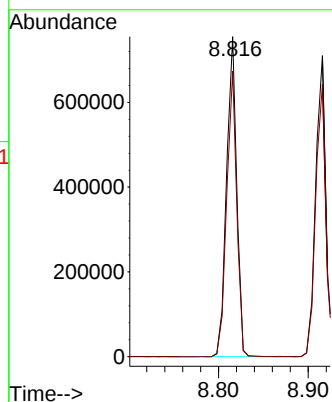
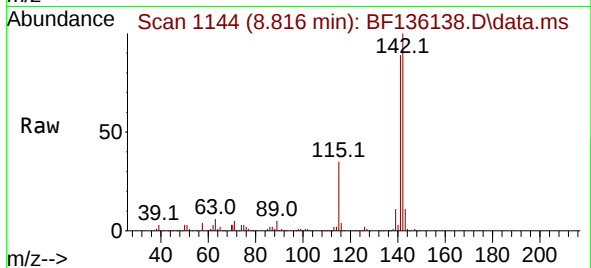
142 100

141 89.2 70.4 105.6

Manual Integrations

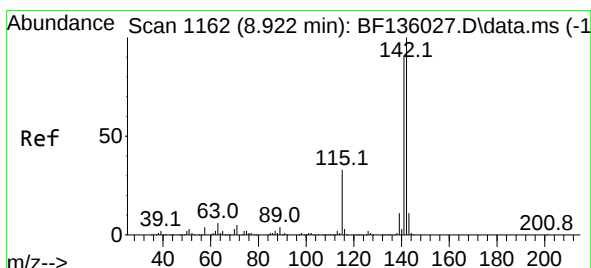
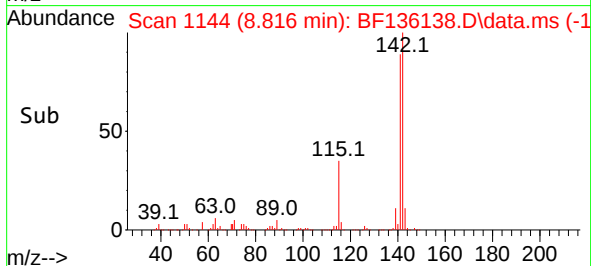
APPROVED

Reviewed By :Yogesh  
Patel



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#38

1-Methylnaphthalene

Concen: 41.181 ng

RT: 8.916 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF136138.D

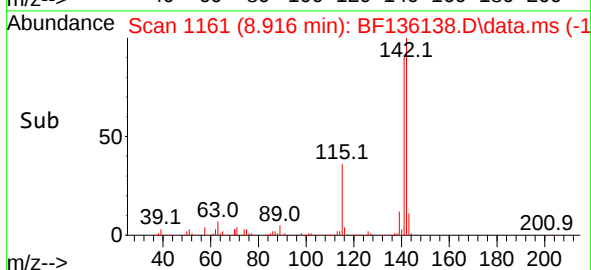
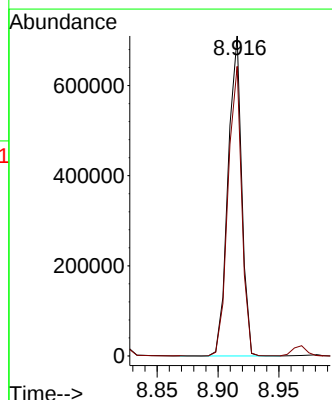
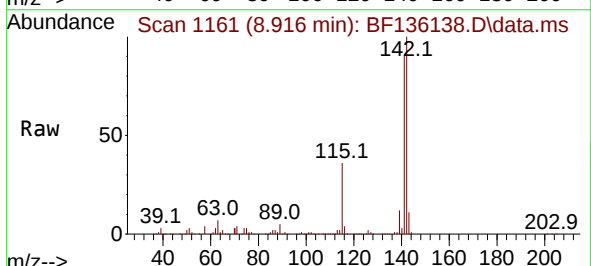
Acq: 04 Nov 2023 09:32

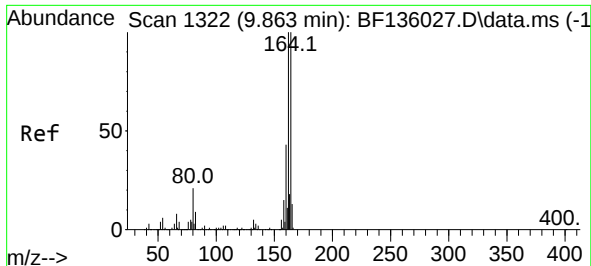
Tgt Ion:142 Resp: 553877

Ion Ratio Lower Upper

142 100

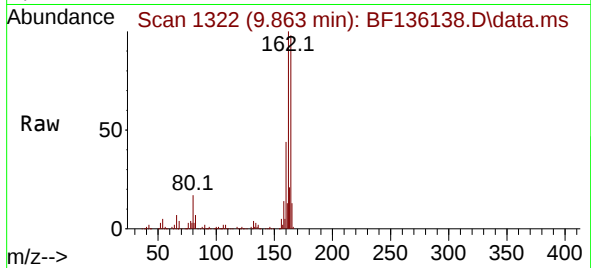
141 90.5 72.6 109.0





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.863 min Scan# 1172  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

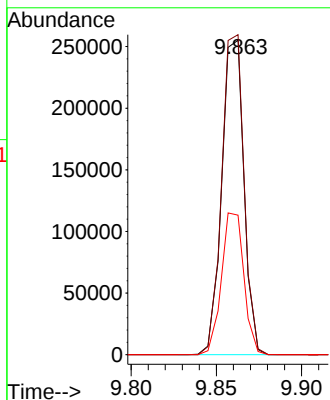
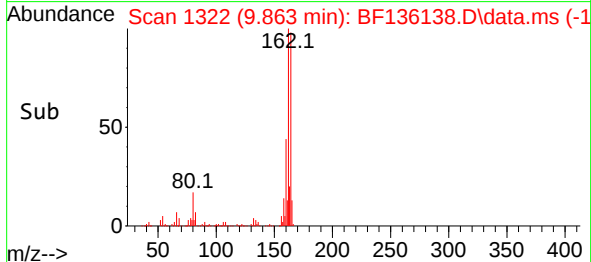
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:164 Resp: 23149  
Ion Ratio Lower Upper  
164 100  
162 101.8 80.1 120.1  
160 44.4 34.8 52.2

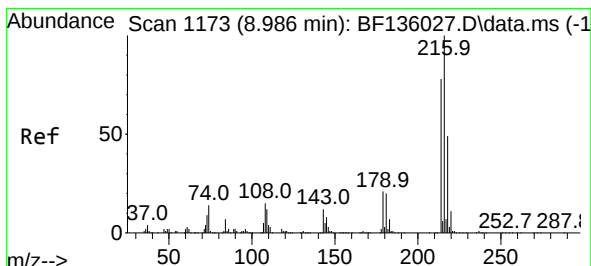
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel

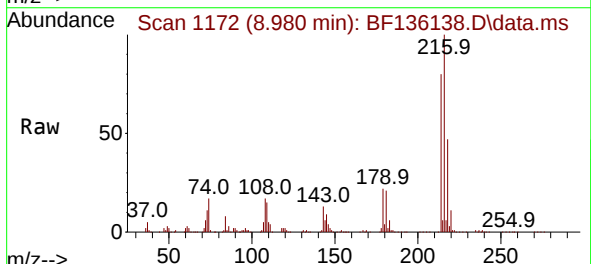


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Supervised By :mohammad  
ahmed

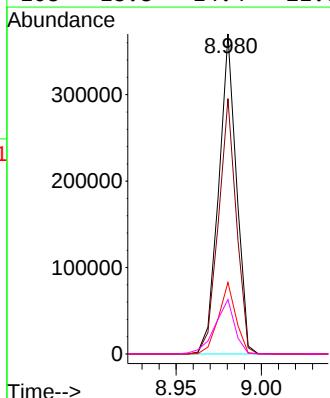
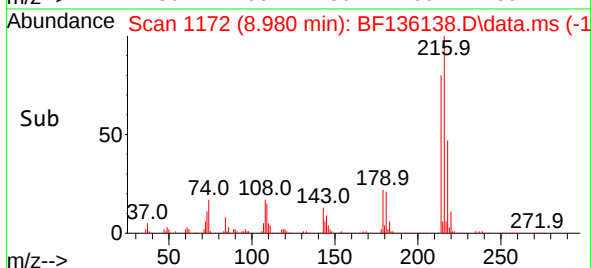
11/07/2023

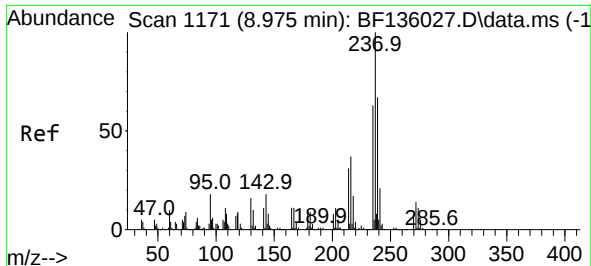


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.812 ng  
RT: 8.980 min Scan# 1172  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32



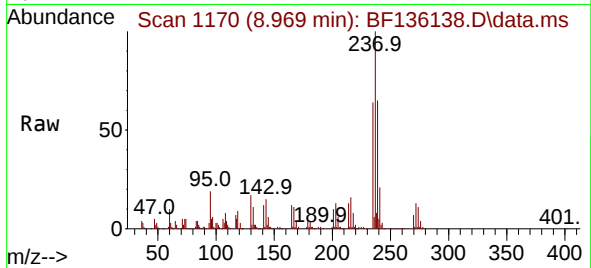
Tgt Ion:216 Resp: 269441  
Ion Ratio Lower Upper  
216 100  
214 79.9 63.8 95.6  
179 21.8 17.5 26.3  
108 18.8 14.4 21.6





#41  
Hexachlorocyclopentadiene  
Concen: 40.118 ng  
RT: 8.969 min Scan# 1171  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

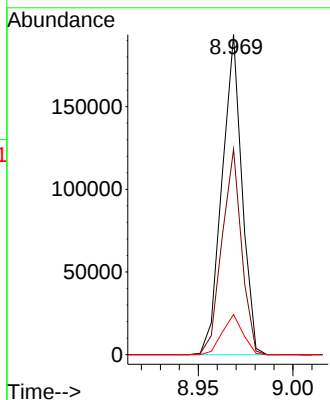
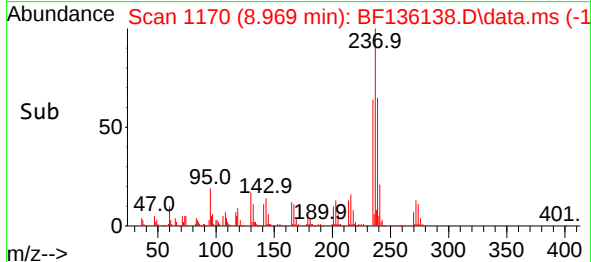
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion: 237 Resp: 14149  
Ion Ratio Lower Upper  
237 100  
235 64.2 43.3 83.3  
272 12.6 0.0 34.2

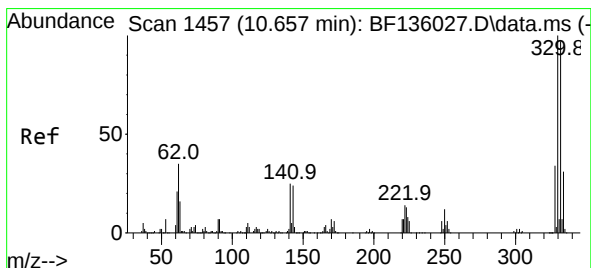
Manual Integrations  
APPROVED

Reviewed By : Yogesh  
Patel

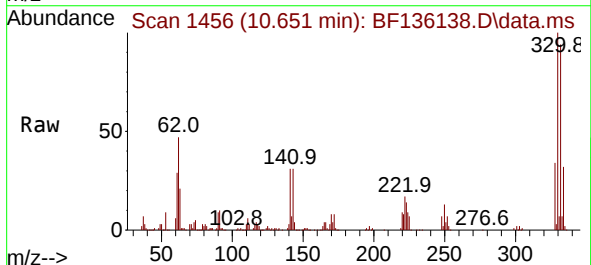


11/06/2023  
Supervised By : mohammad  
ahmed

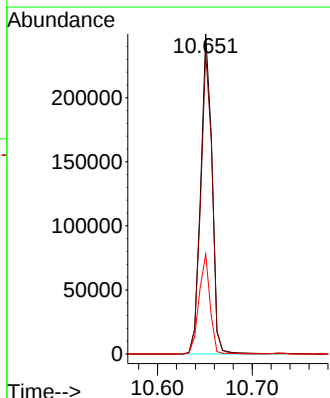
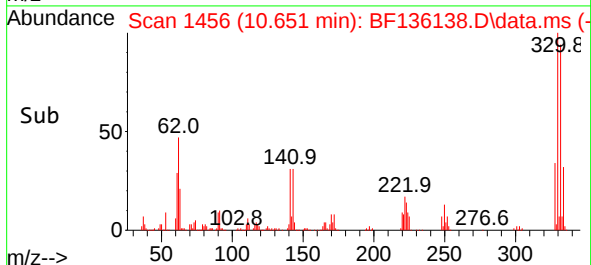
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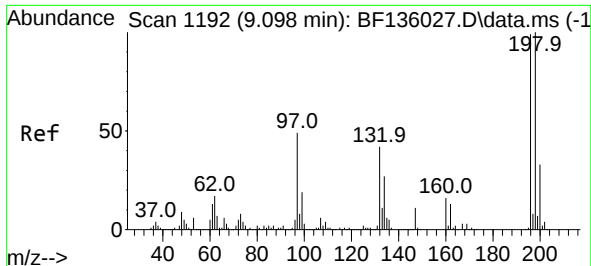


#42  
2,4,6-Tribromophenol  
Concen: 83.278 ng  
RT: 10.651 min Scan# 1456  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32



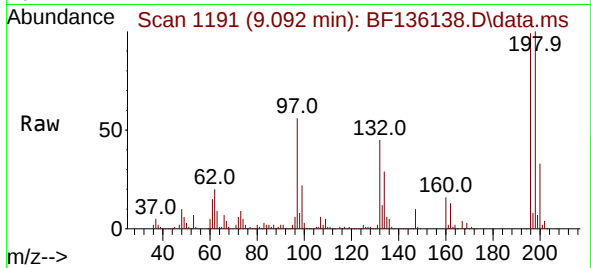
Tgt Ion: 330 Resp: 205770  
Ion Ratio Lower Upper  
330 100  
332 96.0 76.9 115.3  
141 30.3 23.2 34.8





#43  
2,4,6-Trichlorophenol  
Concen: 41.442 ng  
RT: 9.092 min Scan# 1192  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

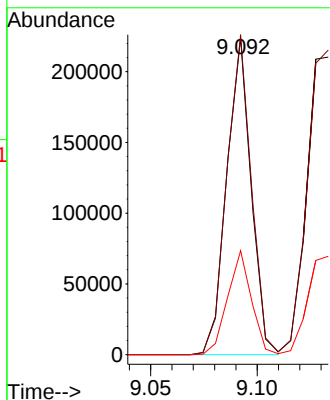
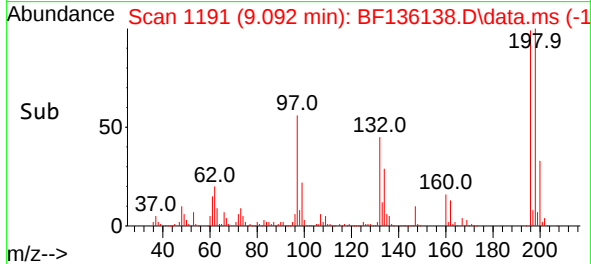
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:196 Resp: 178390  
Ion Ratio Lower Upper  
196 100  
198 101.0 80.7 121.1  
200 32.8 26.8 40.2

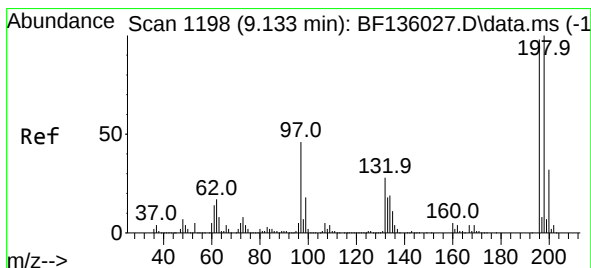
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



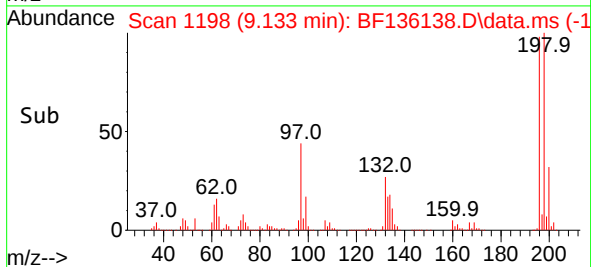
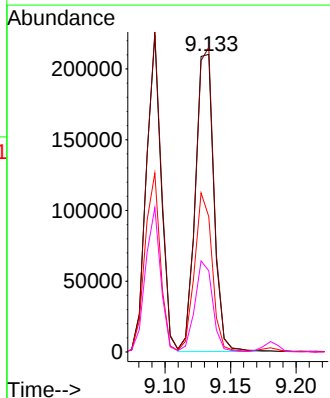
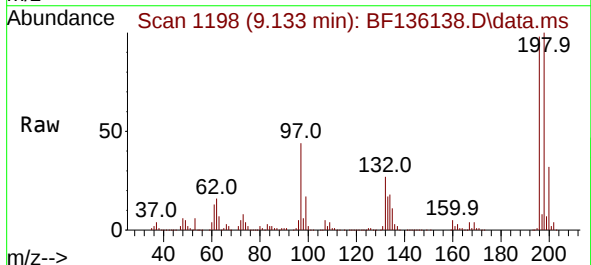
11/06/2023  
Supervised By :mohammad  
ahmed

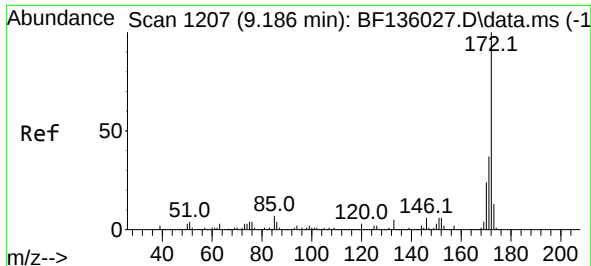
11/07/2023



#44  
2,4,5-Trichlorophenol  
Concen: 41.688 ng  
RT: 9.133 min Scan# 1198  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

Tgt Ion:196 Resp: 207870  
Ion Ratio Lower Upper  
196 100  
198 102.4 81.6 122.4  
97 45.5 38.2 57.2  
132 27.2 23.0 34.4





#45

2-Fluorobiphenyl

Concen: 81.989 ng

RT: 9.180 min Scan# 1190618

Delta R.T. 0.000 min

Lab File: BF136138.D

Acq: 04 Nov 2023 09:32

Instrument :

BNA\_F

ClientSampleId :

Tgt Ion:172 Resp: 1190618

Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.0

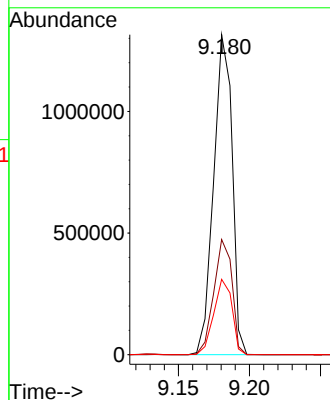
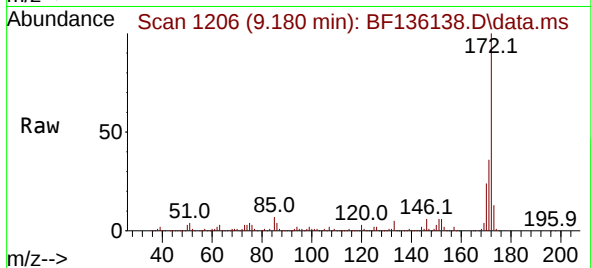
170 23.6 19.3 28.9

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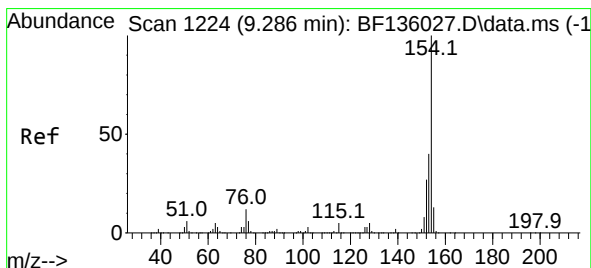
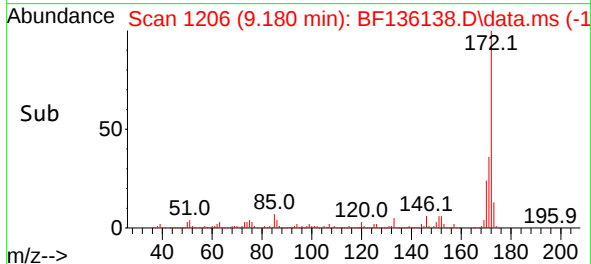
Patel



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Supervised By :mohammad  
ahmed

11/07/2023



#46

1,1'-Biphenyl

Concen: 40.721 ng

RT: 9.280 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF136138.D

Acq: 04 Nov 2023 09:32

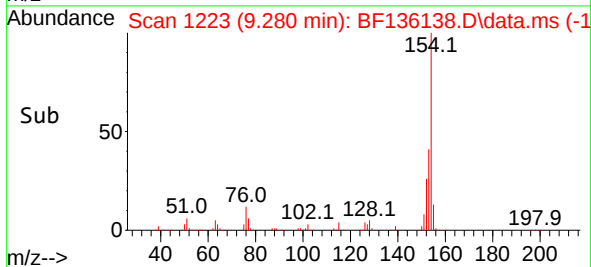
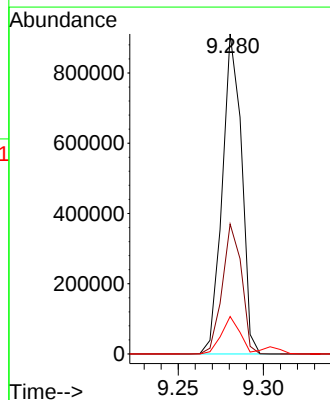
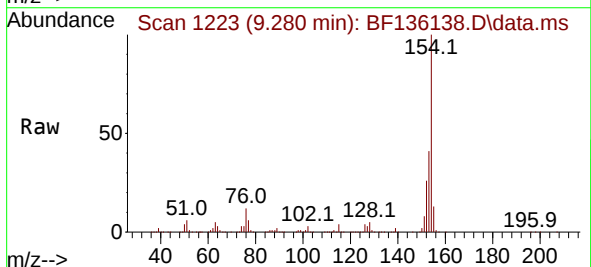
Tgt Ion:154 Resp: 718598

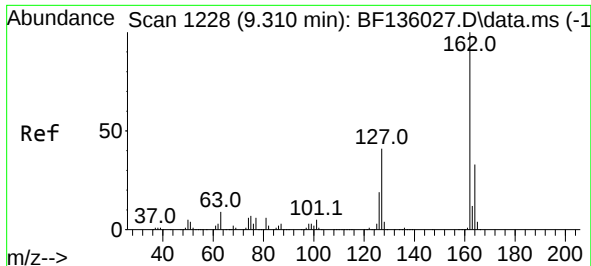
Ion Ratio Lower Upper

154 100

153 40.6 20.1 60.1

76 11.7 0.0 32.5





#47

2-Chloronaphthalene

Concen: 40.577 ng

RT: 9.304 min Scan# 1227

Delta R.T. 0.000 min

Lab File: BF136138.D

Acq: 04 Nov 2023 09:32

Instrument :

BNA\_F

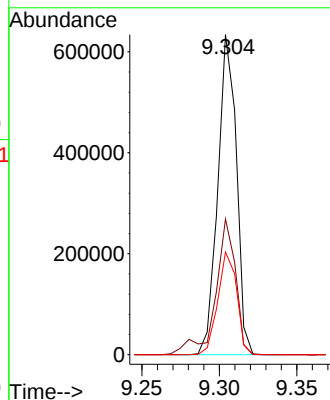
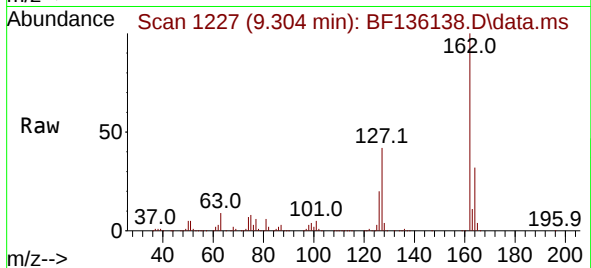
ClientSampleId :

Tgt Ion: 162 Resp: 527879

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 127 | 42.4  | 32.4  | 48.6  |
| 164 | 32.1  | 26.7  | 40.1  |

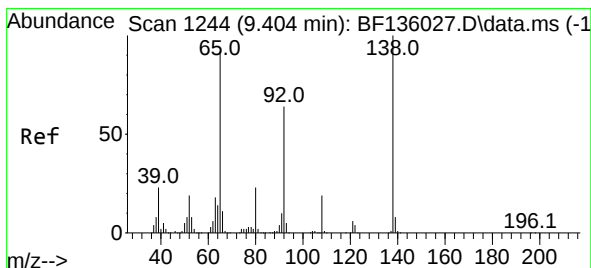
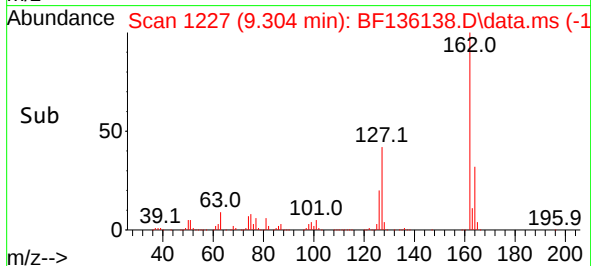
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



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Supervised By :mohammad  
ahmed

11/07/2023



#48

2-Nitroaniline

Concen: 44.366 ng

RT: 9.404 min Scan# 1244

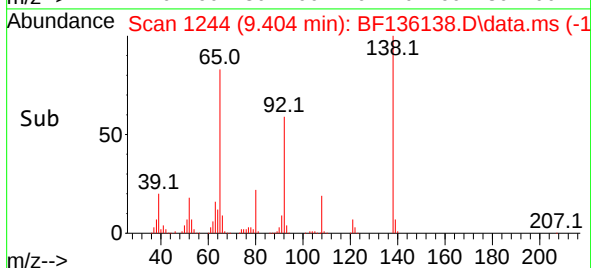
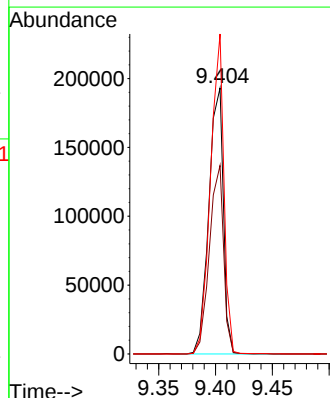
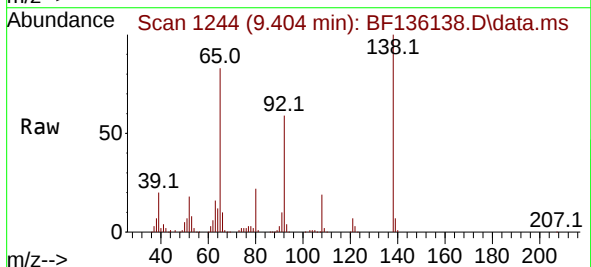
Delta R.T. 0.000 min

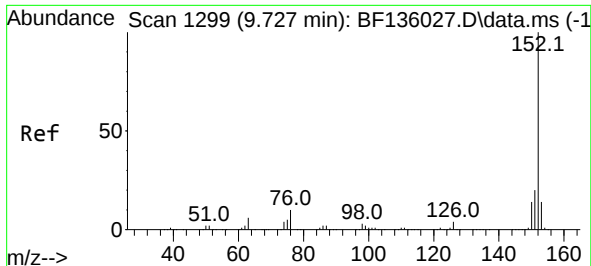
Lab File: BF136138.D

Acq: 04 Nov 2023 09:32

Tgt Ion: 65 Resp: 170811

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 92  | 70.9  | 55.7  | 83.5  |
| 138 | 120.3 | 86.8  | 130.2 |





#49

Acenaphthylene

Concen: 41.852 ng

RT: 9.722 min Scan# 1298

Delta R.T. 0.000 min

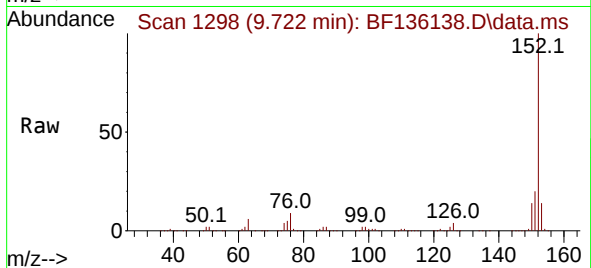
Lab File: BF136138.D

Acq: 04 Nov 2023 09:32

Instrument :

BNA\_F

ClientSampleId :



Tgt Ion:152 Resp: 84938

Ion Ratio Lower Upper

152 100

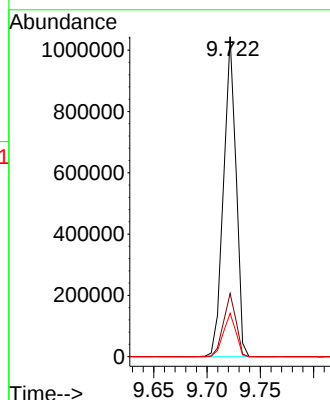
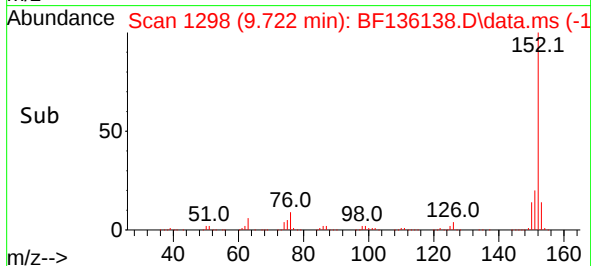
151 19.7 16.1 24.1

153 13.6 11.4 17.2

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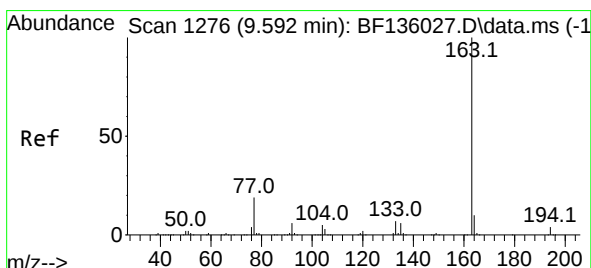
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Reviewed By :Yogesh  
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#50

Dimethylphthalate

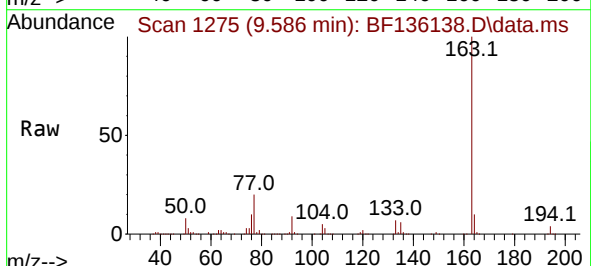
Concen: 41.788 ng

RT: 9.586 min Scan# 1275

Delta R.T. 0.000 min

Lab File: BF136138.D

Acq: 04 Nov 2023 09:32



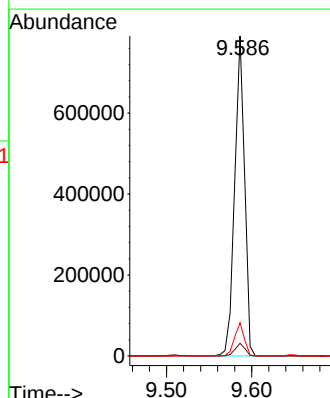
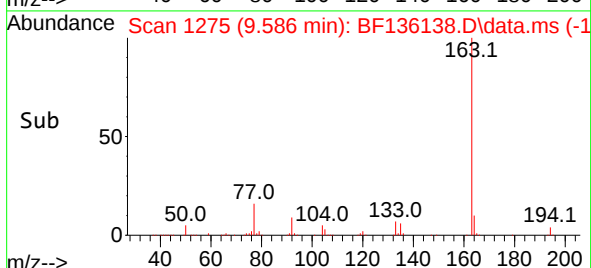
Tgt Ion:163 Resp: 638087

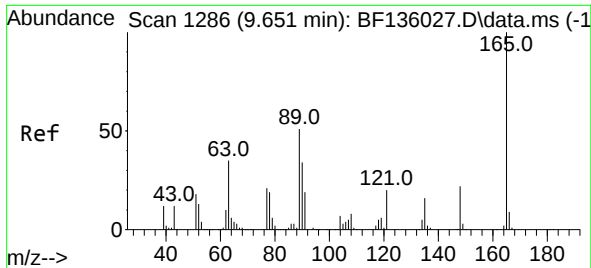
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

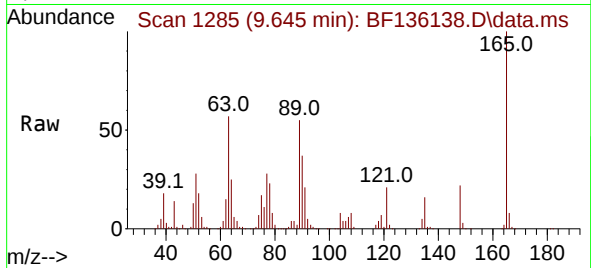
164 10.3 8.1 12.1





#51  
2,6-Dinitrotoluene  
Concen: 43.891 ng  
RT: 9.645 min Scan# 1285  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

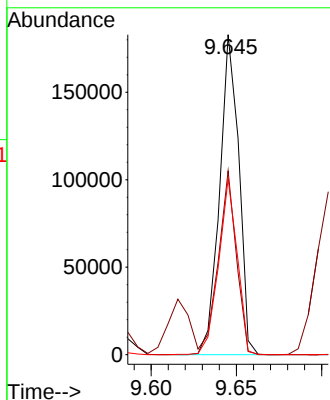
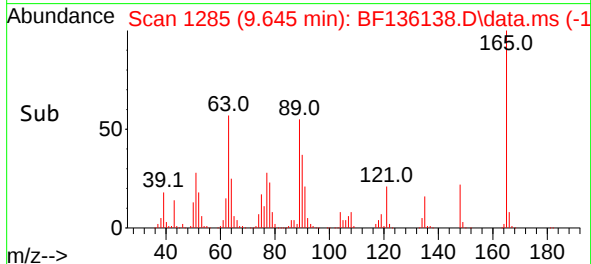
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:165 Resp: 14334  
Ion Ratio Lower Upper  
165 100  
63 57.5 40.8 61.2  
89 55.0 41.1 61.7

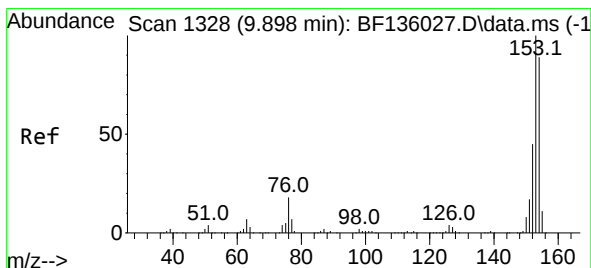
Manual Integrations  
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Reviewed By :Yogesh  
Patel

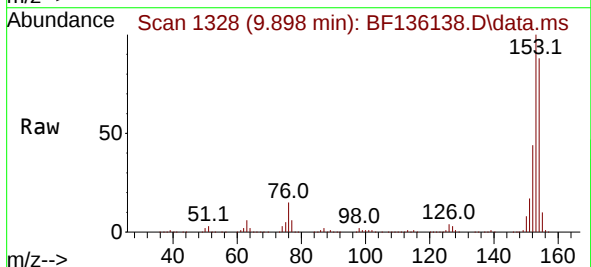


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Supervised By :mohammad  
ahmed

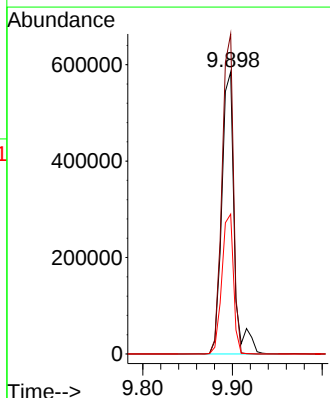
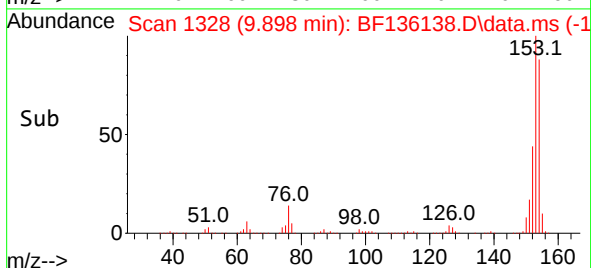
11/07/2023

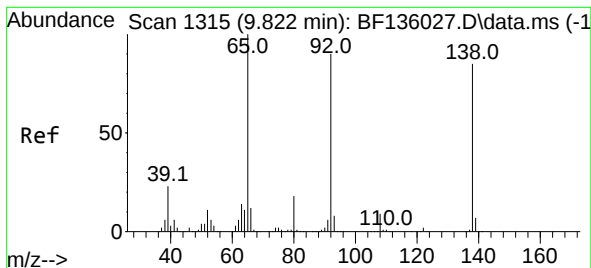


#52  
Acenaphthene  
Concen: 43.628 ng  
RT: 9.898 min Scan# 1328  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32



Tgt Ion:154 Resp: 562869  
Ion Ratio Lower Upper  
154 100  
153 113.5 89.9 134.9  
152 49.6 40.2 60.2





#53

3-Nitroaniline

Concen: 42.201 ng

RT: 9.816 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136138.D

Acq: 04 Nov 2023 09:32

Instrument :

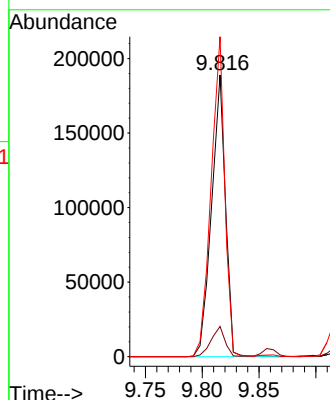
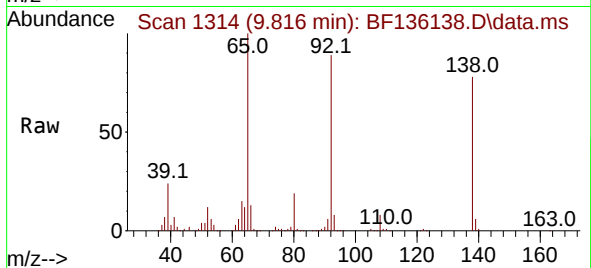
BNA\_F

ClientSampleId :

Tgt Ion:138 Resp: 160811  
 Ion Ratio Lower Upper  
 138 100  
 108 10.7 8.8 13.2  
 92 113.5 84.6 126.8

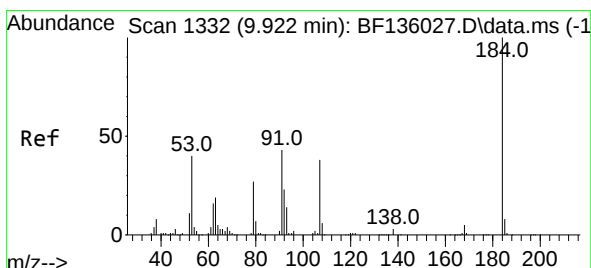
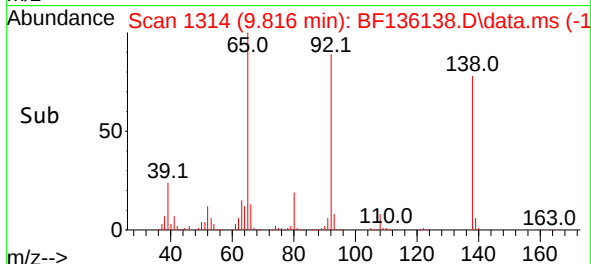
Manual Integrations  
 APPROVED

Reviewed By :Yogesh  
 Patel



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 Supervised By :mohammad  
 ahmed

11/07/2023



#54

2,4-Dinitrophenol

Concen: 40.050 ng

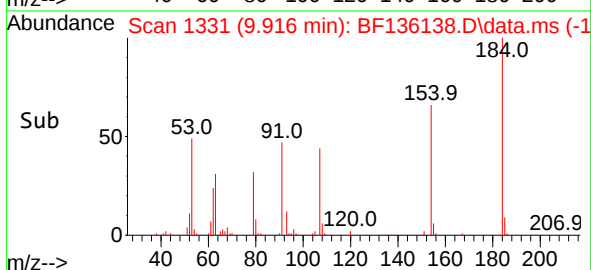
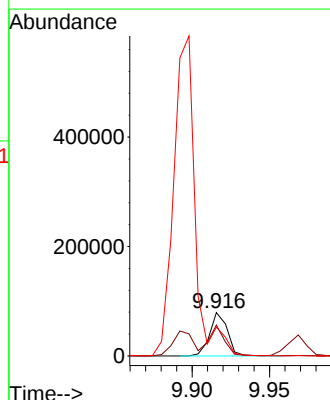
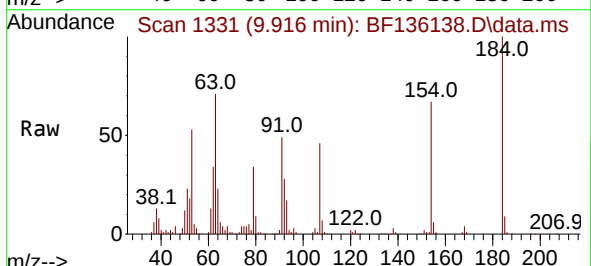
RT: 9.916 min Scan# 1331

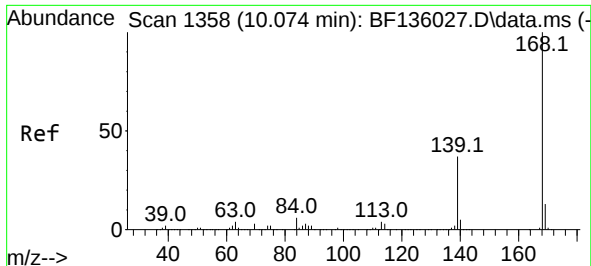
Delta R.T. 0.000 min

Lab File: BF136138.D

Acq: 04 Nov 2023 09:32

Tgt Ion:184 Resp: 63056  
 Ion Ratio Lower Upper  
 184 100  
 63 71.3 43.7 65.5#  
 154 66.5 51.2 76.8



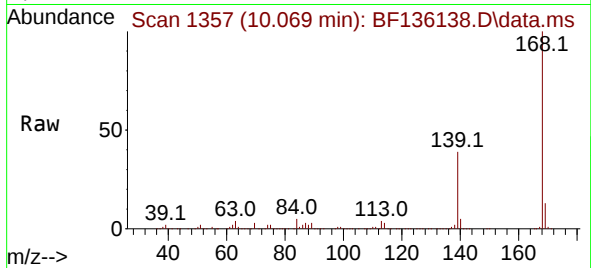


#55  
Dibenzenofuran  
Concen: 40.885 ng  
RT: 10.069 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

Instrument :

BNA\_F

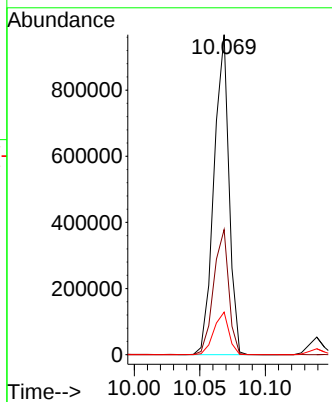
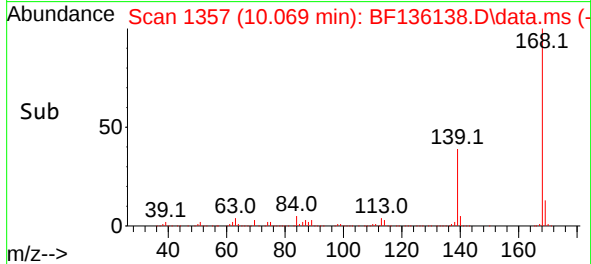
ClientSampleId :



Tgt Ion:168 Resp: 769150  
Ion Ratio Lower Upper  
168 100  
139 39.1 29.4 44.0  
169 13.3 10.5 15.7

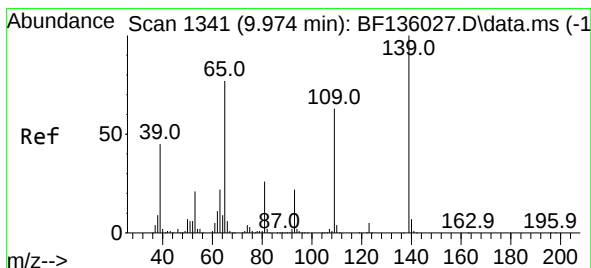
Manual Integrations  
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Reviewed By :Yogesh  
Patel



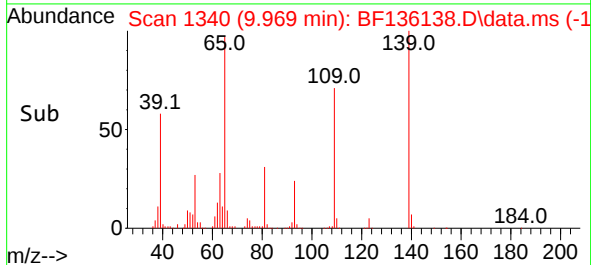
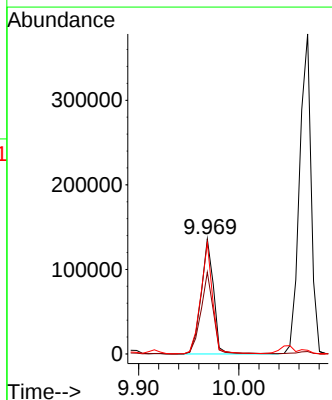
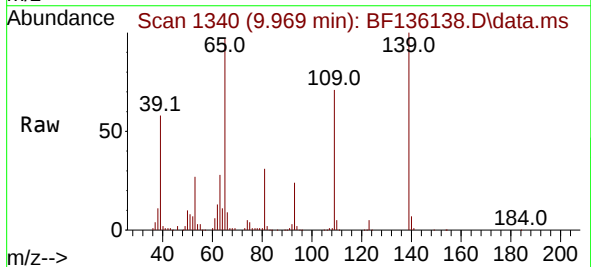
11/06/2023  
Supervised By :mohammad  
ahmed

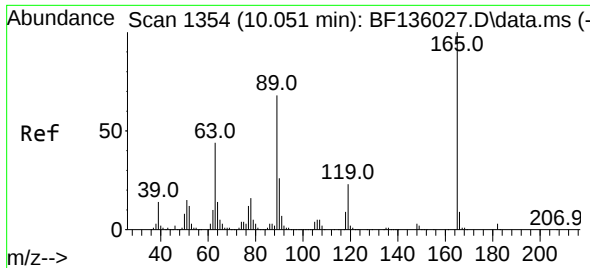
11/07/2023



#56  
4-Nitrophenol  
Concen: 41.557 ng  
RT: 9.969 min Scan# 1340  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

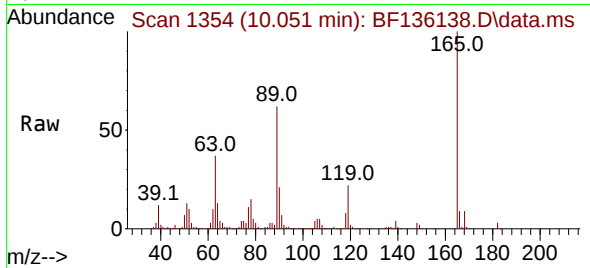
Tgt Ion:139 Resp: 118454  
Ion Ratio Lower Upper  
139 100  
109 71.1 43.2 83.2  
65 96.7 57.6 97.6





#57  
2,4-Dinitrotoluene  
Concen: 45.602 ng  
RT: 10.051 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

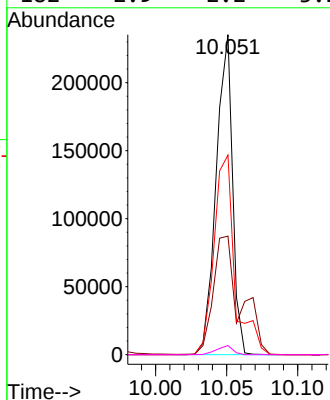
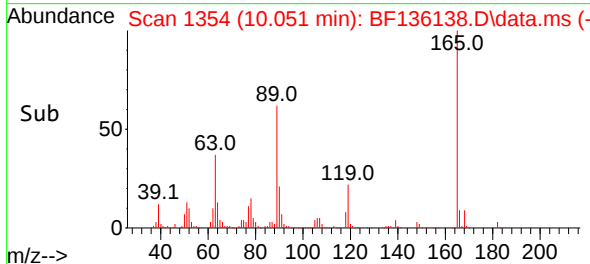
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:165 Resp: 188428  
Ion Ratio Lower Upper  
165 100  
63 37.0 35.2 52.8  
89 62.4 54.8 82.2  
182 2.9 2.2 3.2

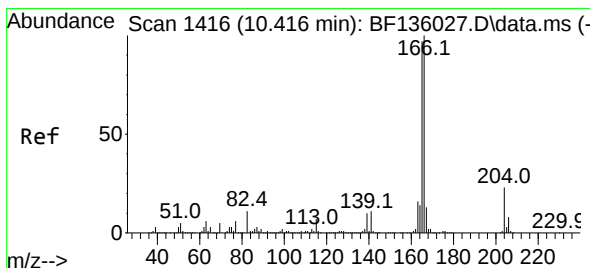
Manual Integrations  
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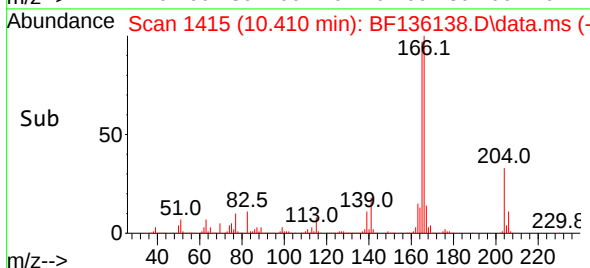
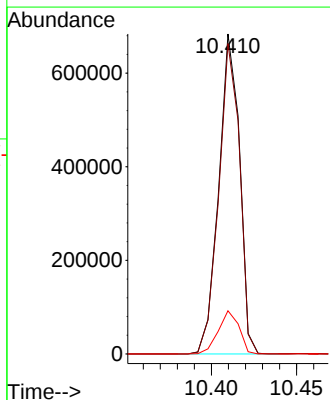
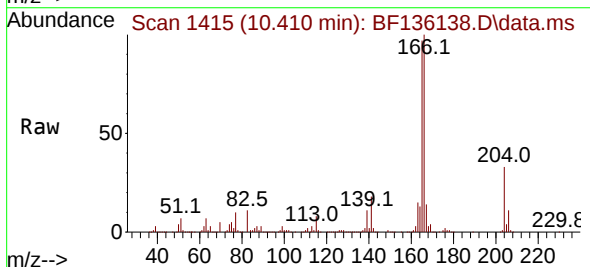
11/06/2023  
Supervised By :mohammad  
ahmed

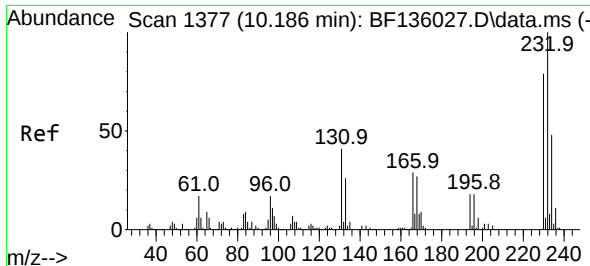
11/07/2023



#58  
Fluorene  
Concen: 41.219 ng  
RT: 10.410 min Scan# 1415  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

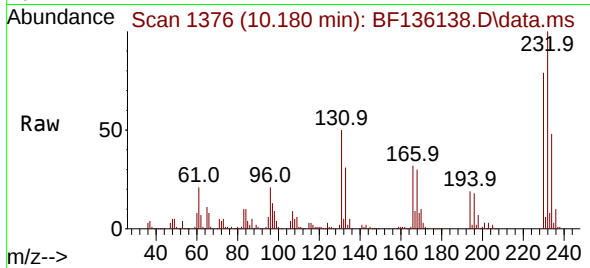
Tgt Ion:166 Resp: 580590  
Ion Ratio Lower Upper  
166 100  
165 97.0 77.7 116.5  
167 13.5 10.6 16.0





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.538 ng  
RT: 10.180 min Scan# 1377  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

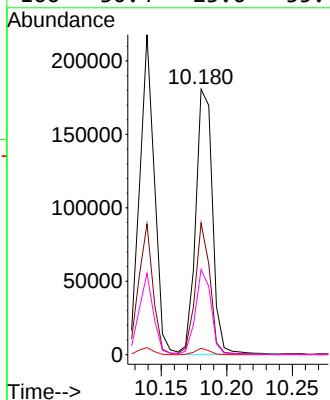
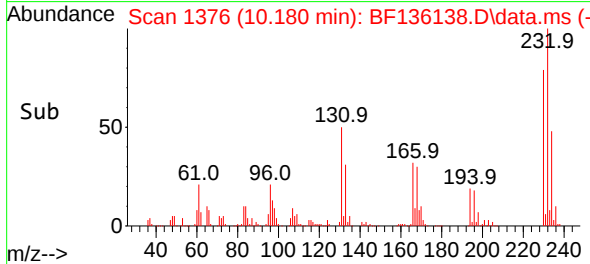
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:232 Resp: 160704  
Ion Ratio Lower Upper  
232 100  
131 44.0 34.6 52.0  
130 2.1 1.6 2.4  
166 30.4 23.6 35.4

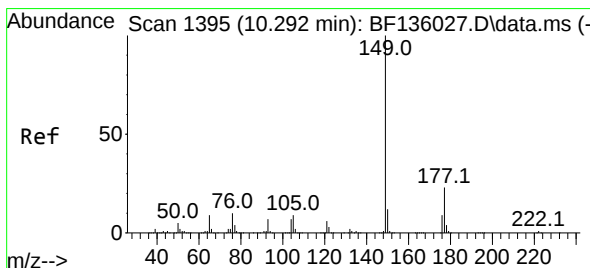
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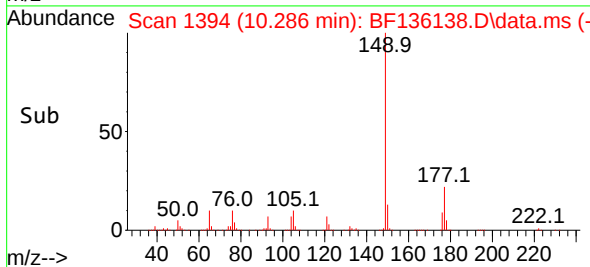
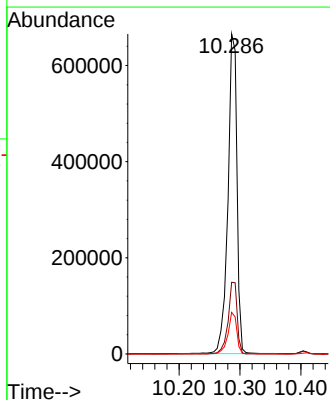
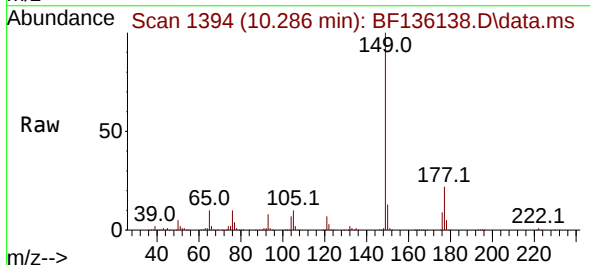
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Supervised By :mohammad  
ahmed

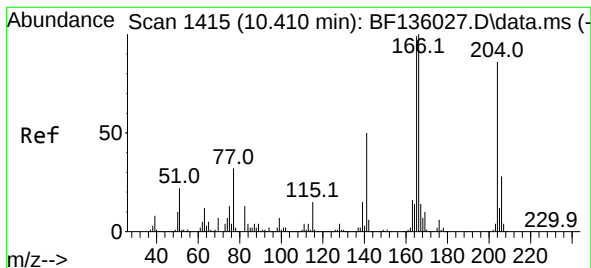
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#60  
Diethylphthalate  
Concen: 47.230 ng  
RT: 10.286 min Scan# 1394  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

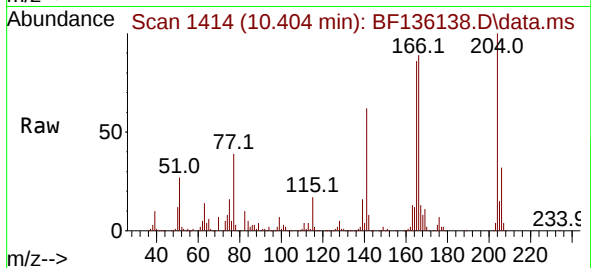
Tgt Ion:149 Resp: 689058  
Ion Ratio Lower Upper  
149 100  
177 22.4 18.2 27.4  
150 13.0 9.9 14.9





#61  
4-Chlorophenyl-phenylether  
Concen: 40.848 ng  
RT: 10.404 min Scan# 1415  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

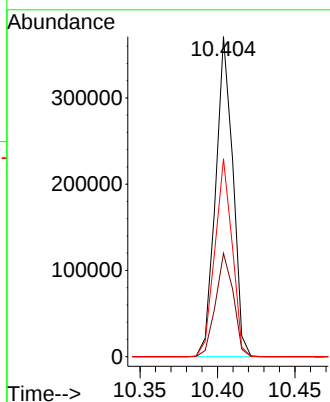
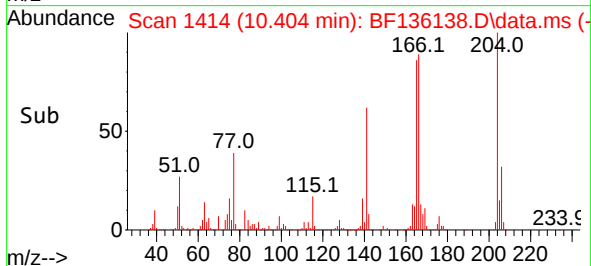
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:204 Resp: 287204  
Ion Ratio Lower Upper  
204 100  
206 32.3 26.6 39.8  
141 61.9 46.8 70.2

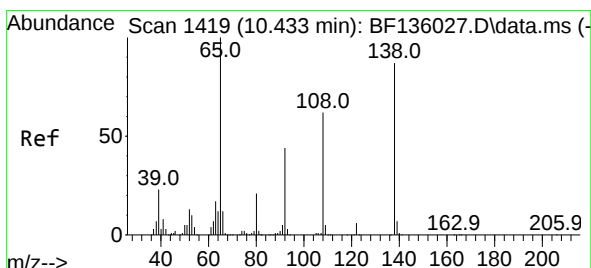
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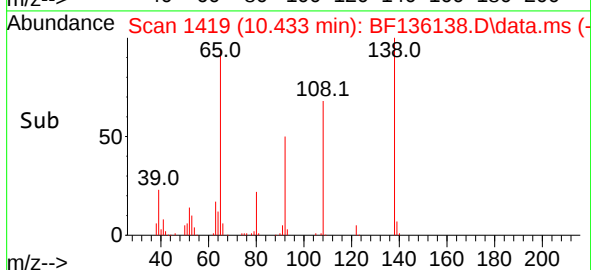
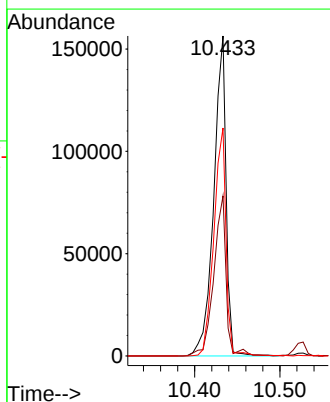
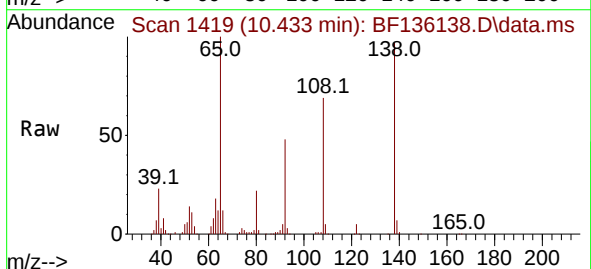
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Supervised By :mohammad  
ahmed

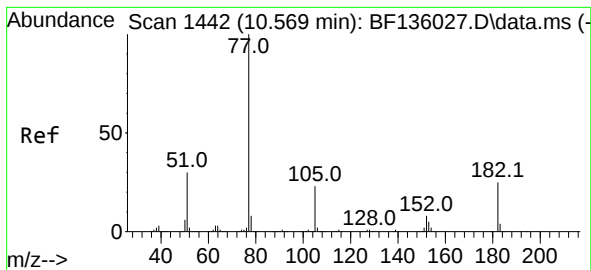
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#62  
4-Nitroaniline  
Concen: 42.915 ng  
RT: 10.433 min Scan# 1419  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

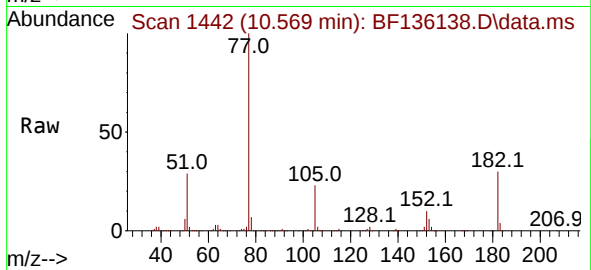
Tgt Ion:138 Resp: 157469  
Ion Ratio Lower Upper  
138 100  
92 50.0 30.6 70.6  
108 71.2 51.5 91.5





#63  
Azobenzene  
Concen: 41.035 ng  
RT: 10.569 min Scan# 1442  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

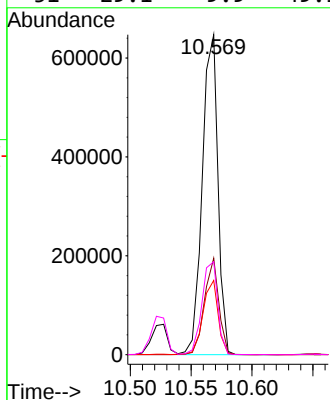
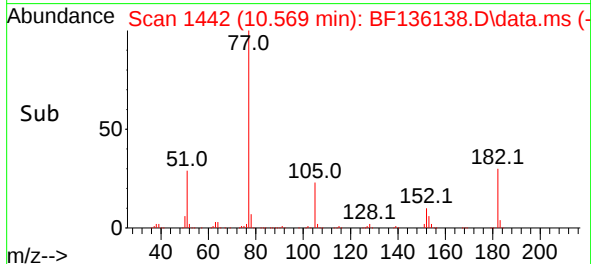
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion: 77 Resp: 576570  
Ion Ratio Lower Upper  
77 100  
182 30.2 5.0 45.0  
105 23.2 2.6 42.6  
51 29.1 9.9 49.9

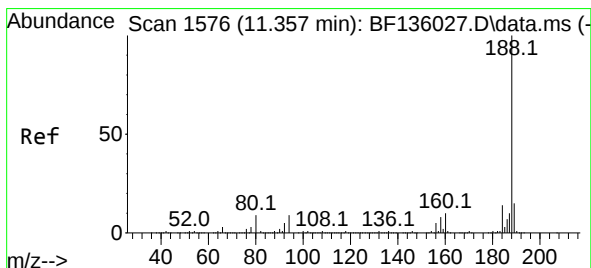
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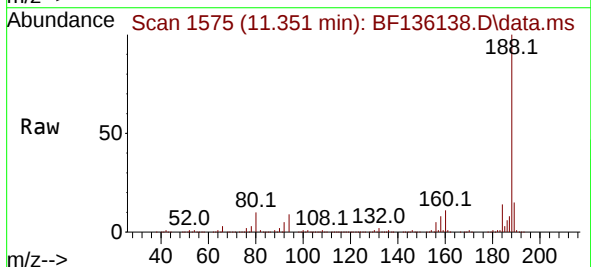


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Supervised By :mohammad  
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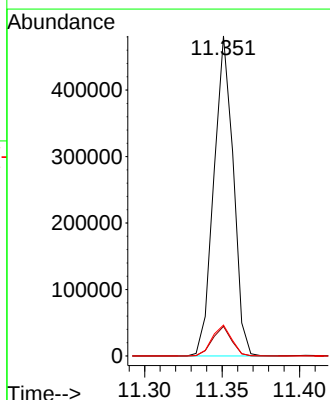
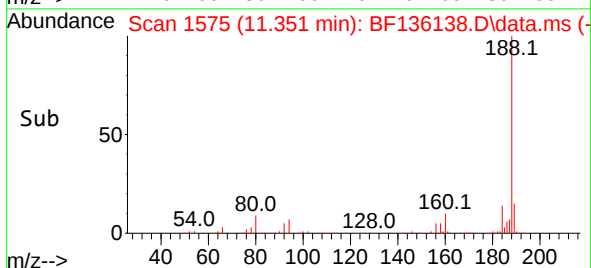
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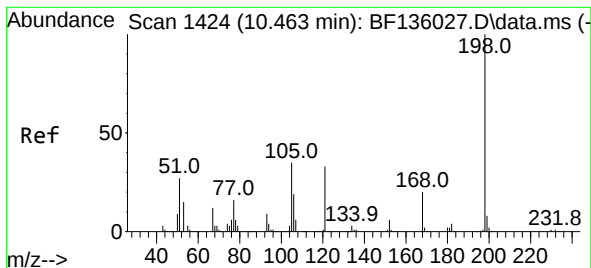


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.351 min Scan# 1575  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32



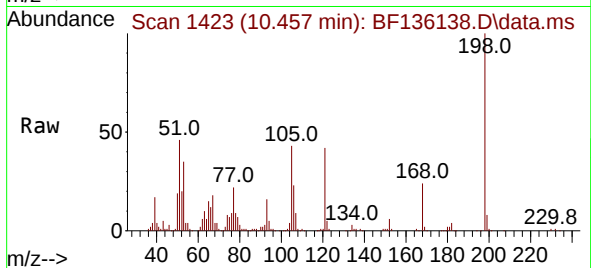
Tgt Ion:188 Resp: 419603  
Ion Ratio Lower Upper  
188 100  
94 9.3 7.2 10.8  
80 9.7 7.4 11.0





#65  
4,6-Dinitro-2-methylphenol  
Concen: 42.556 ng  
RT: 10.457 min Scan# 1423  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

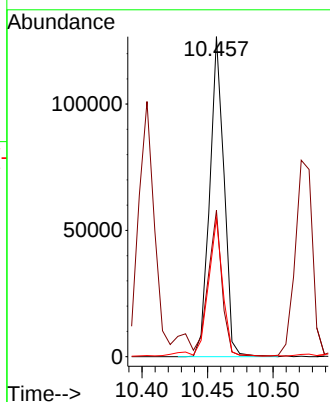
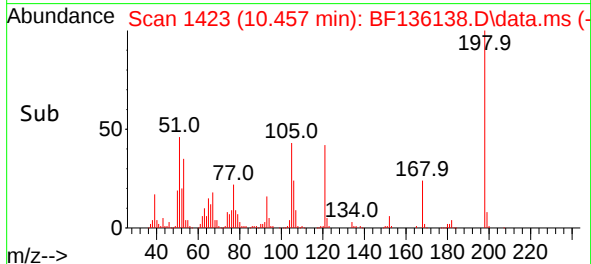
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:198 Resp: 96394  
Ion Ratio Lower Upper  
198 100  
51 45.7 12.9 52.9  
105 43.2 16.0 56.0

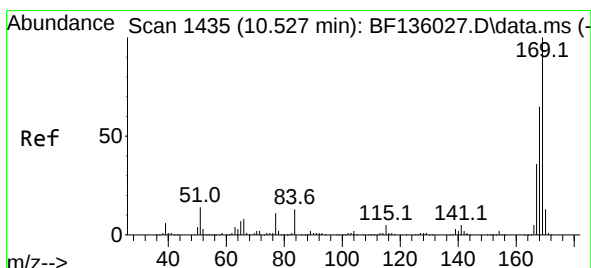
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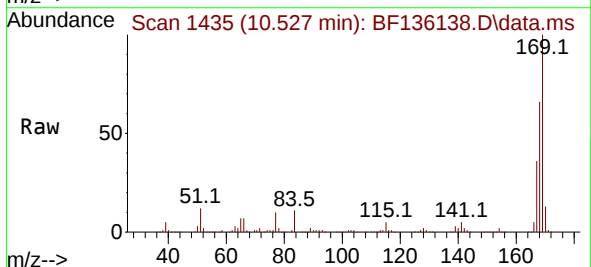


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Supervised By :mohammad  
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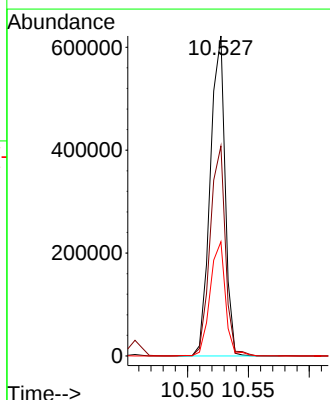
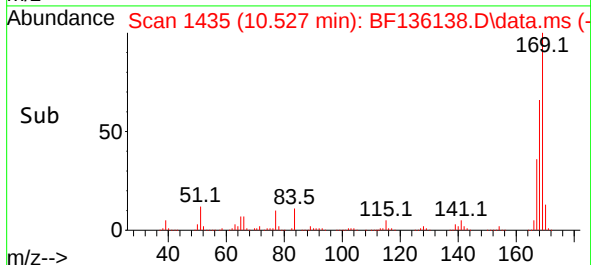
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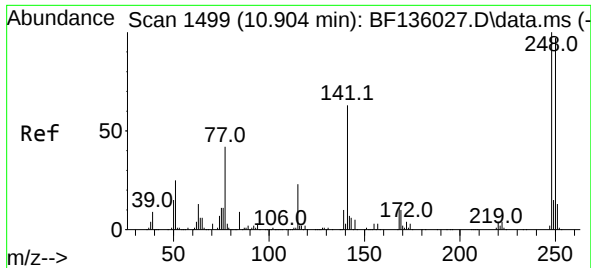


#66  
n-Nitrosodiphenylamine  
Concen: 41.551 ng  
RT: 10.527 min Scan# 1435  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32



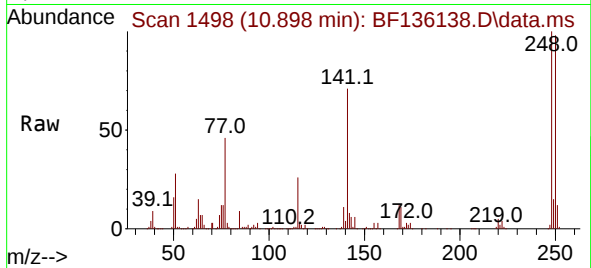
Tgt Ion:169 Resp: 525944  
Ion Ratio Lower Upper  
169 100  
168 65.6 52.2 78.2  
167 35.7 28.7 43.1





#67  
4-Bromophenyl-phenylether  
Concen: 42.232 ng  
RT: 10.898 min Scan# 1499  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

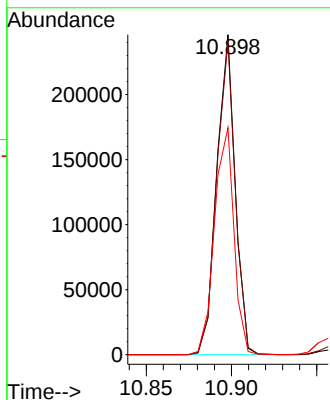
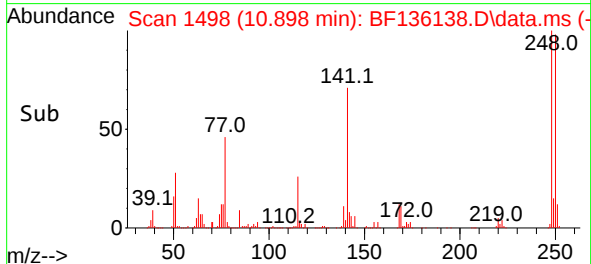
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:248 Resp: 185789  
Ion Ratio Lower Upper  
248 100  
250 98.0 77.6 116.4  
141 71.0 50.4 75.6

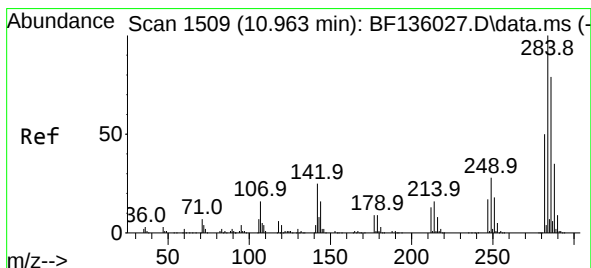
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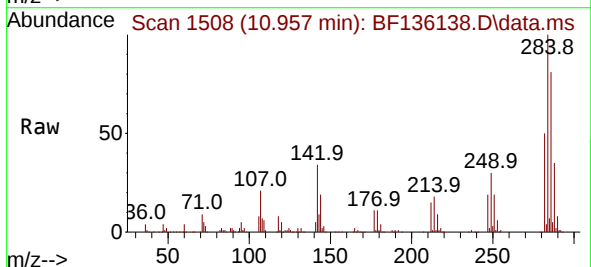


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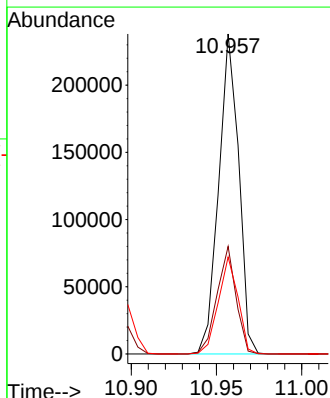
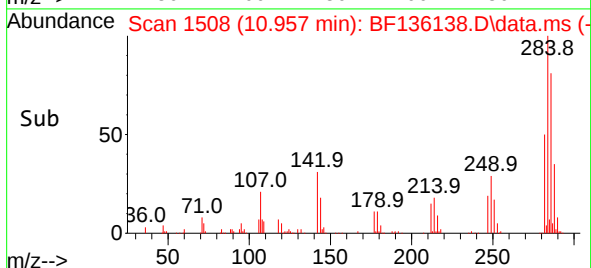
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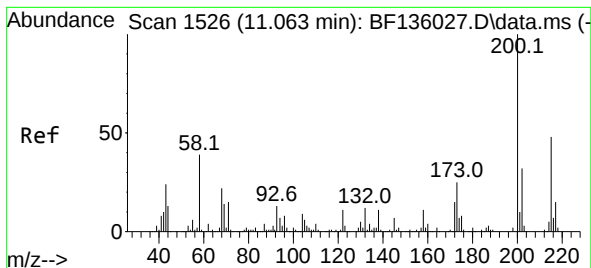


#68  
Hexachlorobenzene  
Concen: 41.327 ng  
RT: 10.957 min Scan# 1508  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32



Tgt Ion:284 Resp: 194175  
Ion Ratio Lower Upper  
284 100  
142 33.6 20.2 30.4#  
249 30.3 22.6 33.8





#69

Atrazine

Concen: 39.186 ng

RT: 11.057 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136138.D

Acq: 04 Nov 2023 09:32

Instrument :

BNA\_F

ClientSampleId :

Tgt Ion:200 Resp: 134954

Ion Ratio Lower Upper

200 100

173 24.6 5.2 45.2

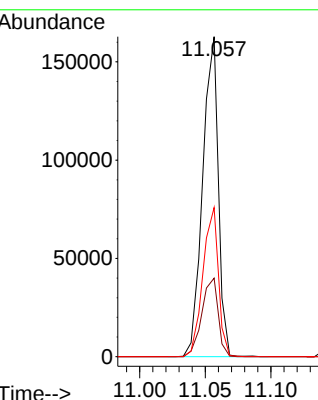
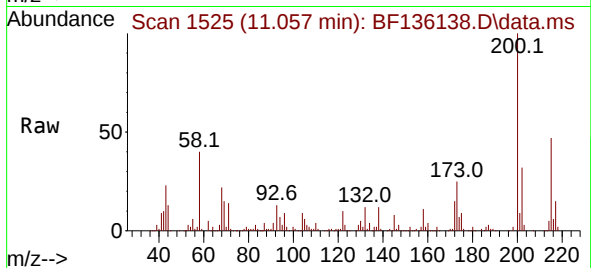
215 46.6 28.4 68.4

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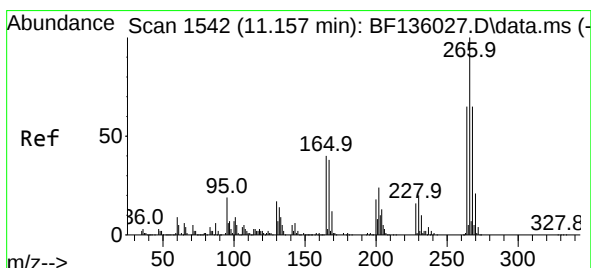
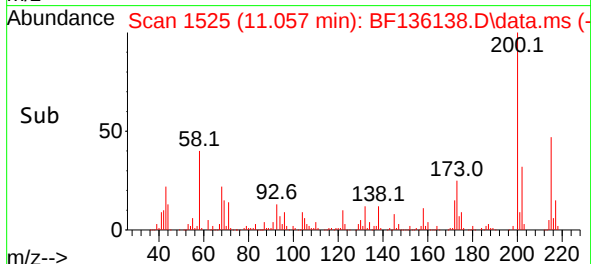
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#70

Pentachlorophenol

Concen: 41.868 ng

RT: 11.151 min Scan# 1541

Delta R.T. 0.000 min

Lab File: BF136138.D

Acq: 04 Nov 2023 09:32

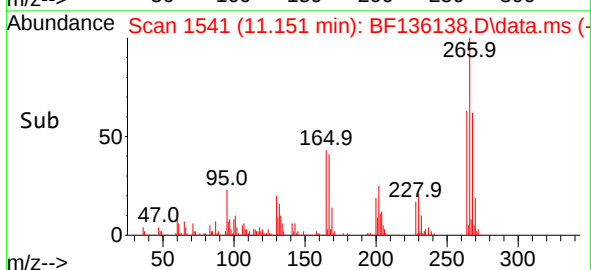
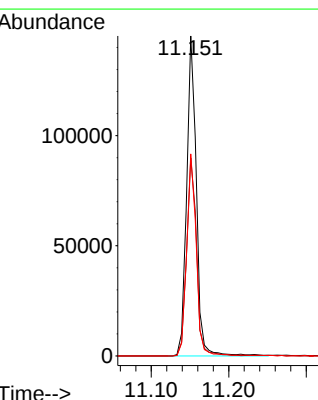
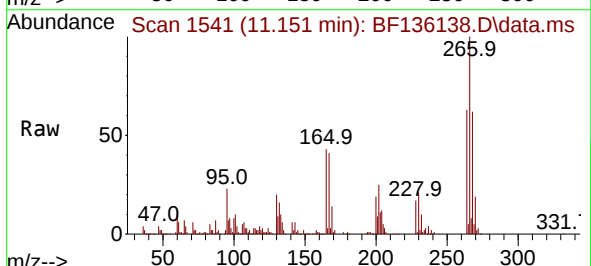
Tgt Ion:266 Resp: 126334

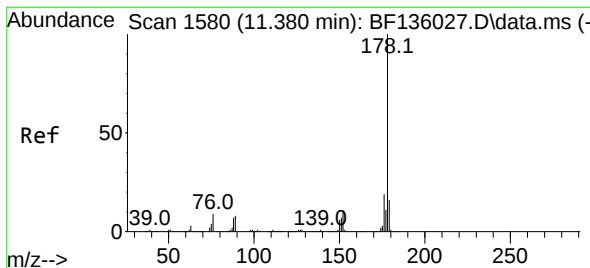
Ion Ratio Lower Upper

266 100

268 61.9 52.2 78.4

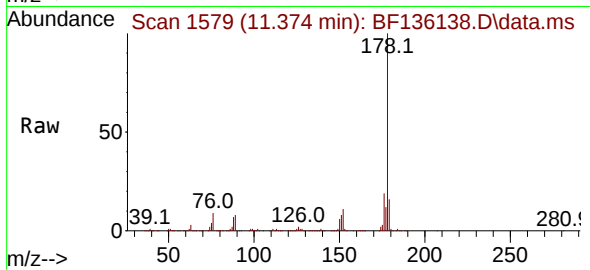
264 63.1 52.2 78.4





#71  
Phenanthrene  
Concen: 41.125 ng  
RT: 11.374 min Scan# 11374  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

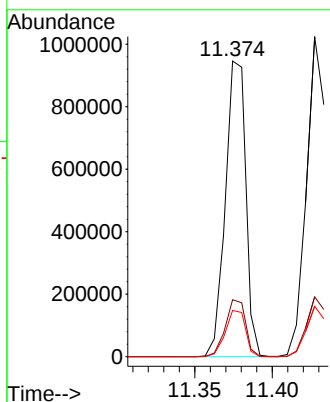
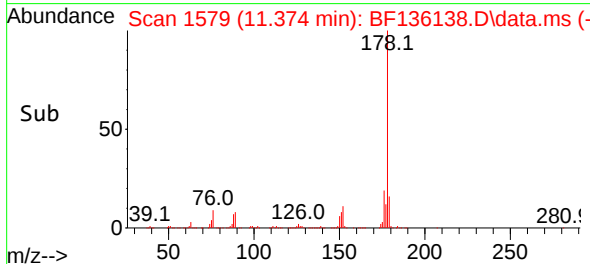
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:178 Resp: 868850  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.5 23.3  
179 15.7 12.9 19.3

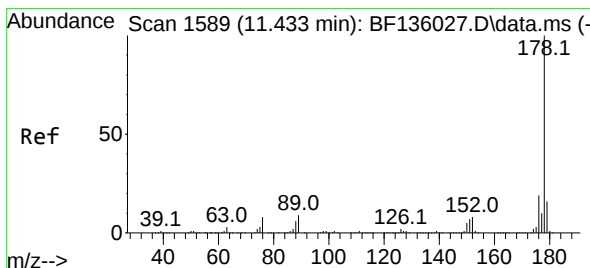
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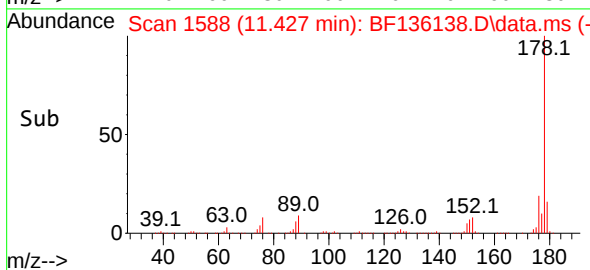
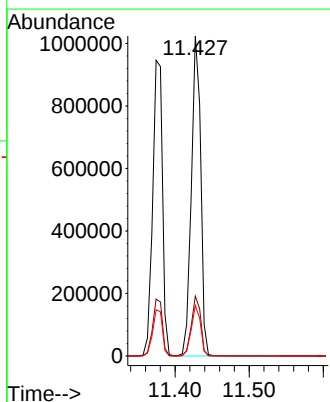
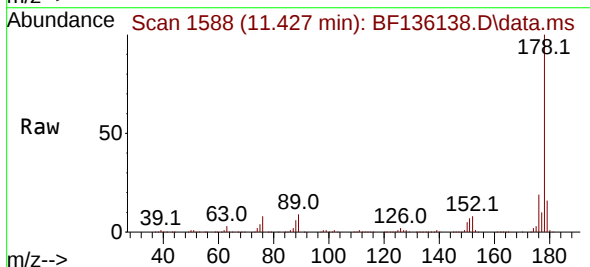
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ahmed

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#72  
Anthracene  
Concen: 41.553 ng  
RT: 11.427 min Scan# 1588  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

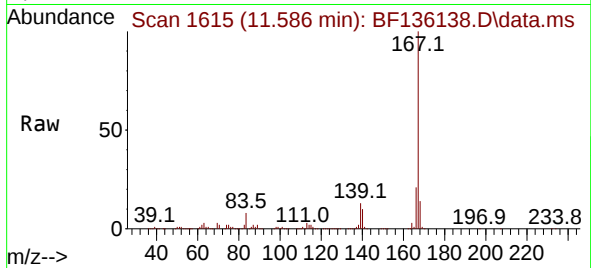
Tgt Ion:178 Resp: 899569  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.0 22.4  
179 15.8 12.6 18.8





#73  
 Carbazole  
 Concen: 40.393 ng  
 RT: 11.586 min Scan# 1615  
 Delta R.T. 0.000 min  
 Lab File: BF136138.D  
 Acq: 04 Nov 2023 09:32

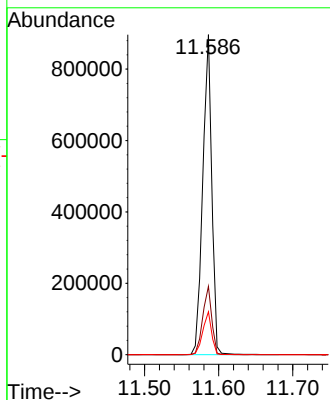
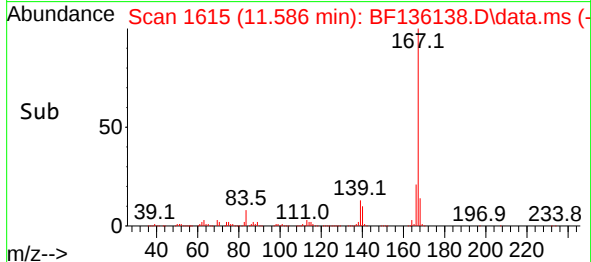
Instrument :  
 BNA\_F  
 ClientSampleId :



Tgt Ion:167 Resp: 759908  
 Ion Ratio Lower Upper  
 167 100  
 166 21.4 17.2 25.8  
 139 13.4 9.9 14.9

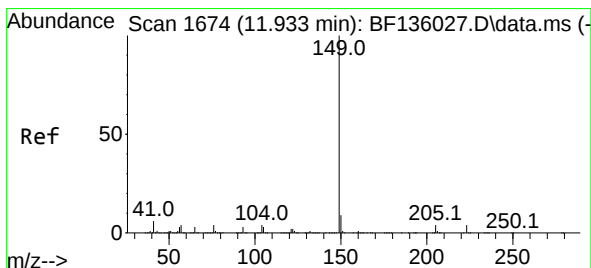
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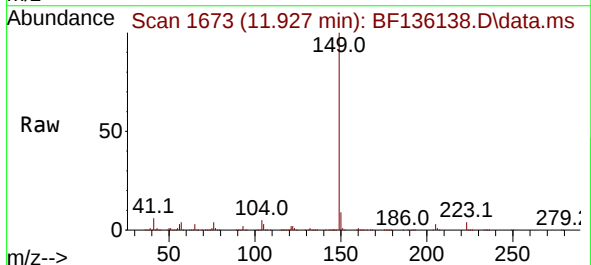


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 ahmed

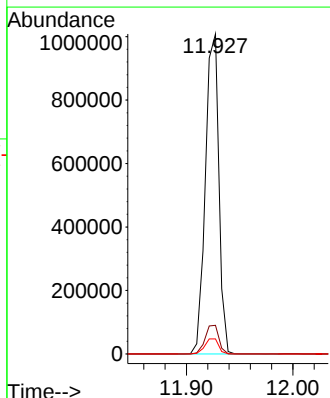
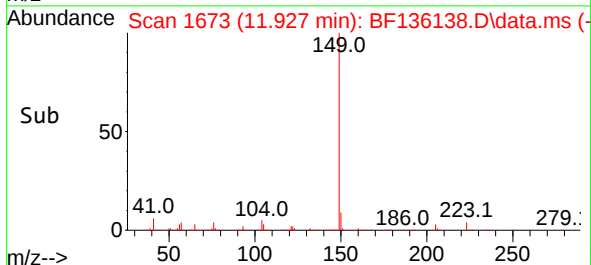
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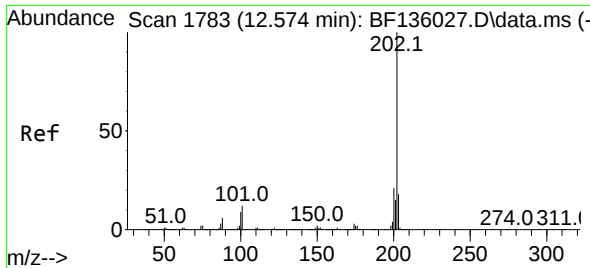


#74  
 Di-n-butylphthalate  
 Concen: 41.310 ng  
 RT: 11.927 min Scan# 1673  
 Delta R.T. 0.000 min  
 Lab File: BF136138.D  
 Acq: 04 Nov 2023 09:32



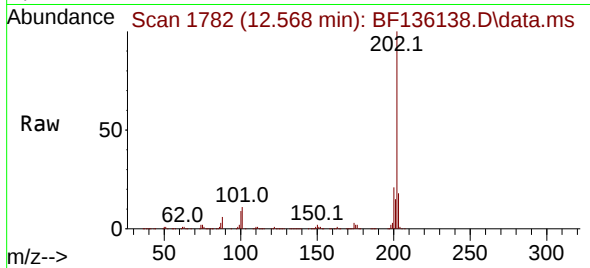
Tgt Ion:149 Resp: 888019  
 Ion Ratio Lower Upper  
 149 100  
 150 8.9 7.3 10.9  
 104 4.7 3.6 5.4





#75  
Fluoranthene  
Concen: 39.855 ng  
RT: 12.568 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

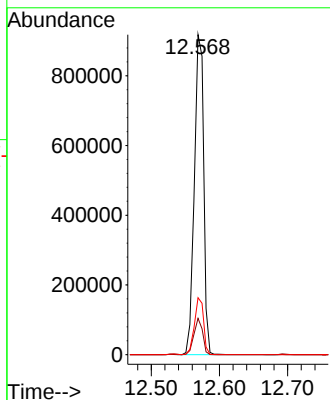
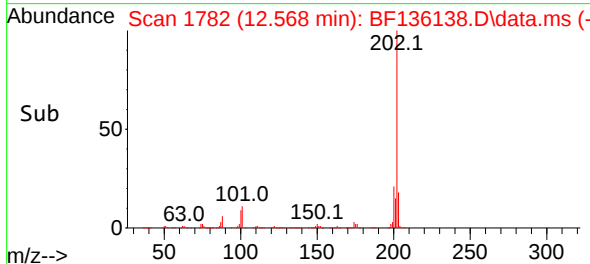
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:202 Resp: 86502  
Ion Ratio Lower Upper  
202 100  
101 11.4 0.0 31.8  
203 17.8 0.0 37.9

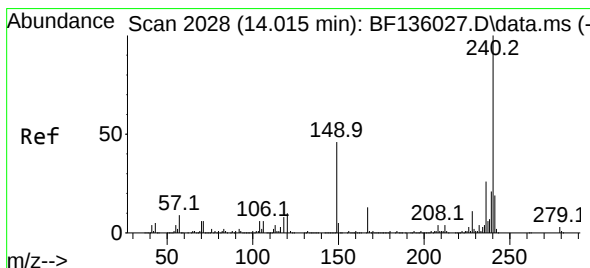
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel

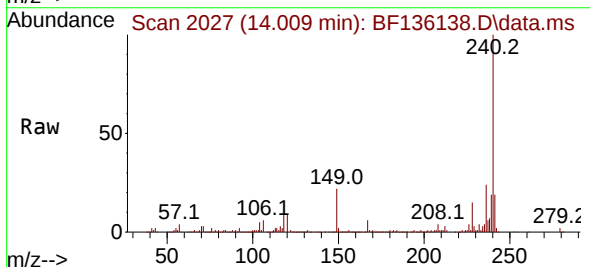


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Supervised By :mohammad  
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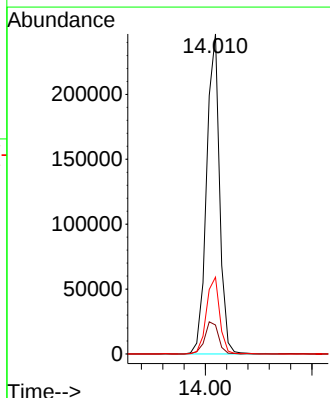
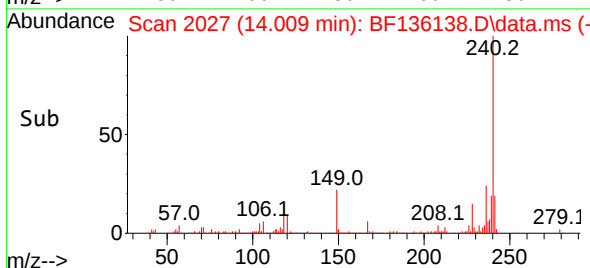
11/07/2023

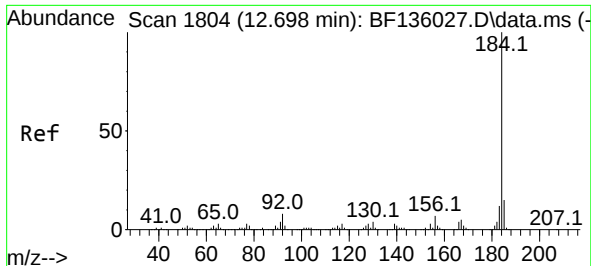


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.009 min Scan# 2027  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32



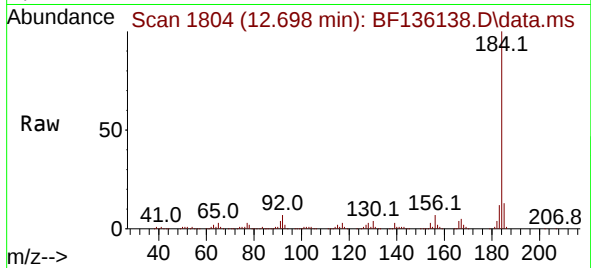
Tgt Ion:240 Resp: 208620  
Ion Ratio Lower Upper  
240 100  
120 9.1 7.6 11.4  
236 24.0 20.6 31.0





#77  
Benzidine  
Concen: 48.649 ng  
RT: 12.698 min Scan# 1804  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

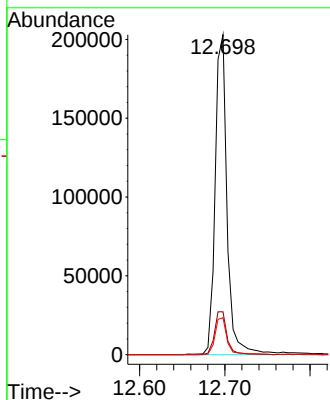
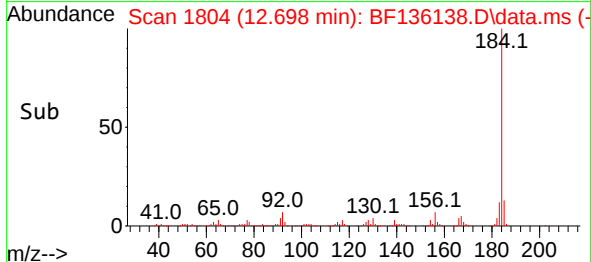
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:184 Resp: 19781  
Ion Ratio Lower Upper  
184 100  
185 13.4 11.8 17.8  
183 11.6 9.5 14.3

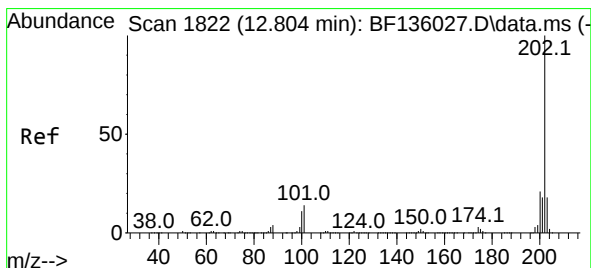
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel

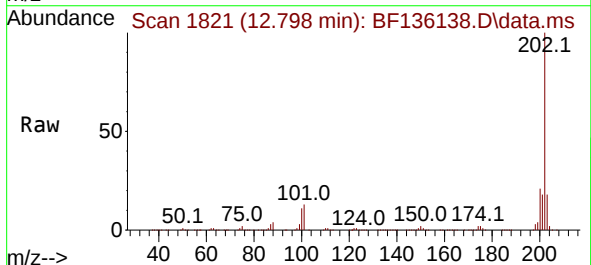


11/06/2023  
Supervised By :mohammad  
ahmed

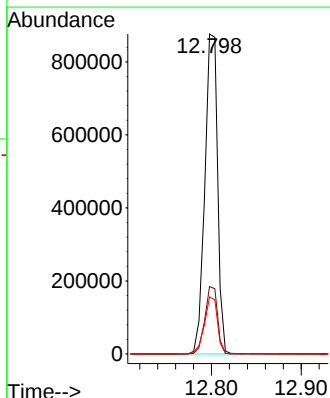
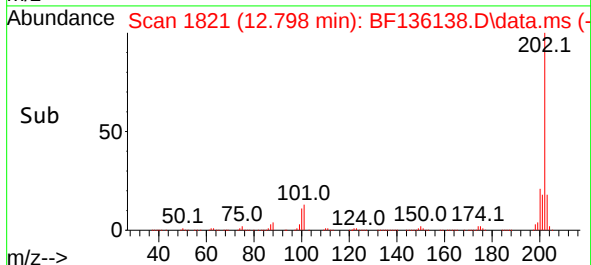
11/07/2023

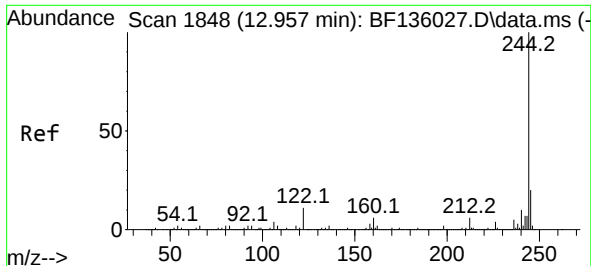


#78  
Pyrene  
Concen: 47.053 ng  
RT: 12.798 min Scan# 1821  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32



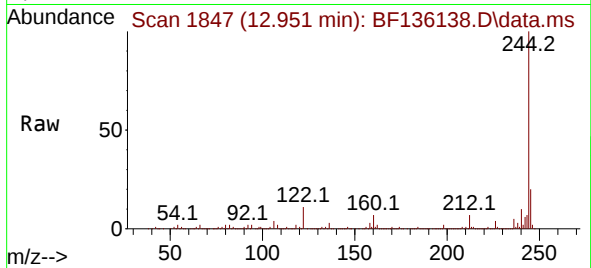
Tgt Ion:202 Resp: 865436  
Ion Ratio Lower Upper  
202 100  
200 21.1 17.0 25.4  
203 17.9 14.4 21.6





#79  
Terphenyl-d14  
Concen: 91.351 ng  
RT: 12.951 min Scan# 1847  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

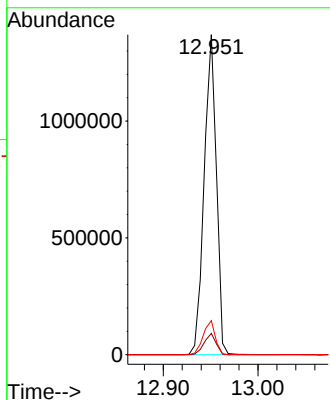
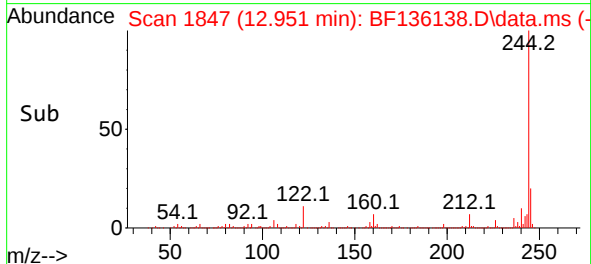
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:244 Resp: 1226340  
Ion Ratio Lower Upper  
244 100  
212 6.6 5.1 7.7  
122 10.6 8.6 12.8

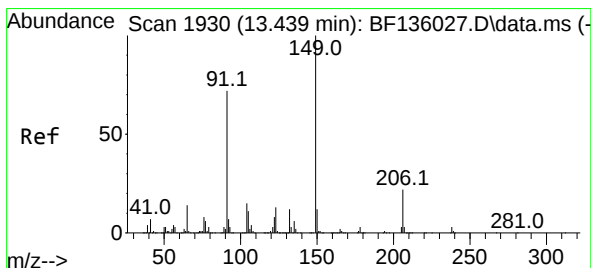
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



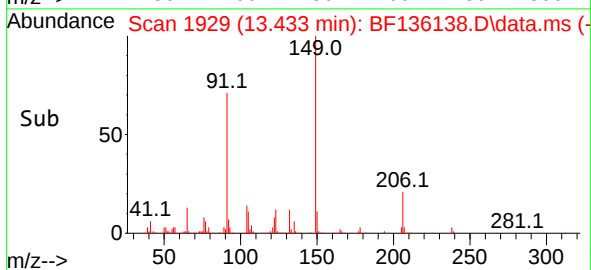
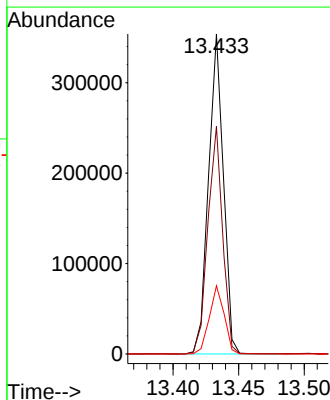
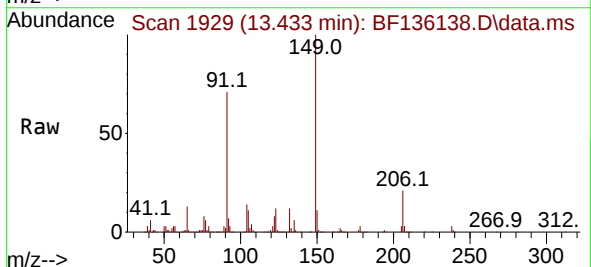
11/06/2023  
Supervised By :mohammad  
ahmed

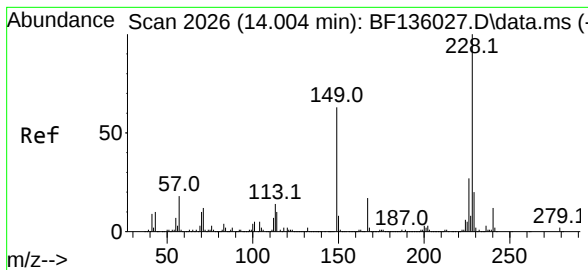
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#80  
Butylbenzylphthalate  
Concen: 42.511 ng  
RT: 13.433 min Scan# 1929  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

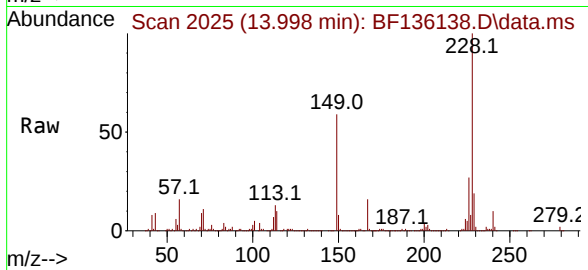
Tgt Ion:149 Resp: 279884  
Ion Ratio Lower Upper  
149 100  
91 71.1 57.6 86.4  
206 21.3 17.4 26.0





#81  
Benzo(a)anthracene  
Concen: 41.439 ng  
RT: 13.998 min Scan# 2019  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

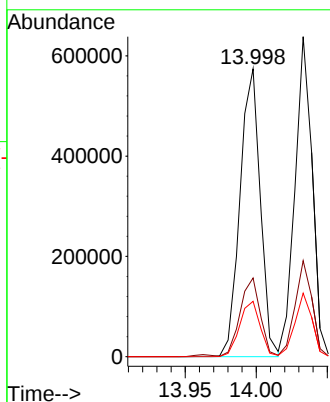
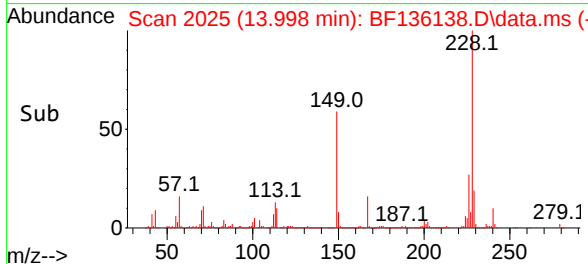
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:228 Resp: 57232  
Ion Ratio Lower Upper  
228 100  
226 27.3 21.5 32.3  
229 19.3 15.8 23.6

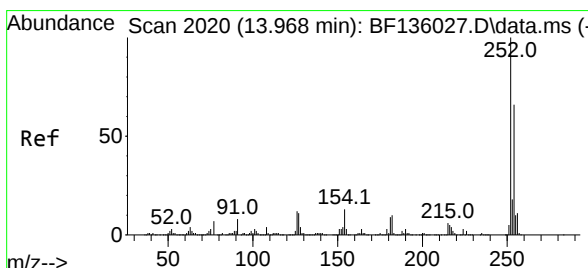
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel

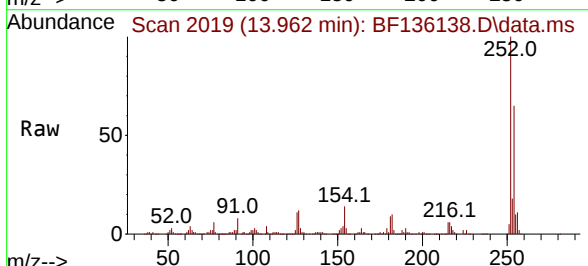


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Supervised By :mohammad  
ahmed

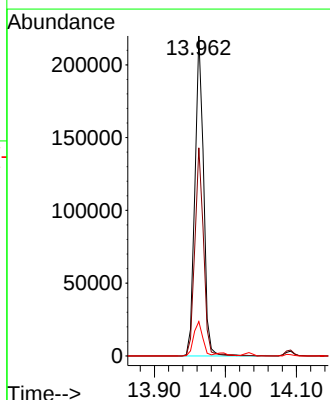
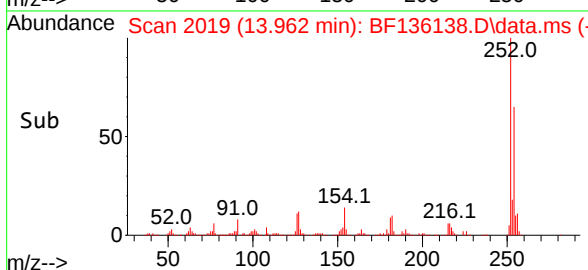
11/07/2023

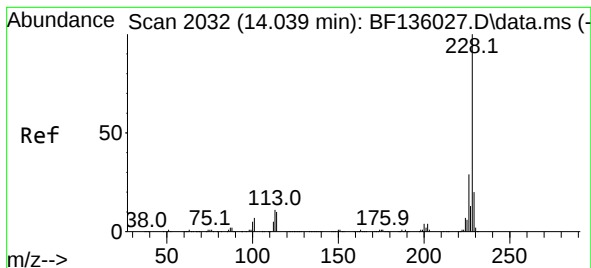


#82  
3,3'-Dichlorobenzidine  
Concen: 42.517 ng  
RT: 13.962 min Scan# 2019  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32



Tgt Ion:252 Resp: 187422  
Ion Ratio Lower Upper  
252 100  
254 65.1 52.5 78.7  
126 10.8 9.4 14.2





#83

Chrysene

Concen: 39.590 ng

RT: 14.033 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF136138.D

Acq: 04 Nov 2023 09:32

Instrument :

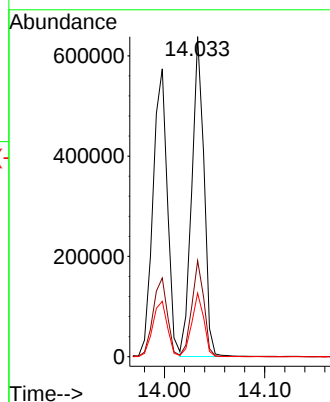
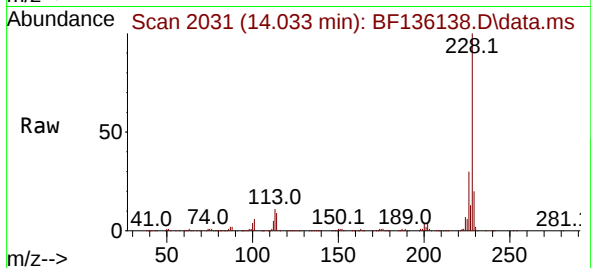
BNA\_F

ClientSampleId :

Tgt Ion:228 Resp: 53848  
 Ion Ratio Lower Upper  
 228 100  
 226 30.0 23.5 35.3  
 229 19.8 16.0 24.0

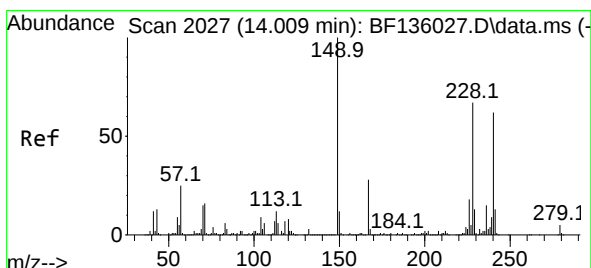
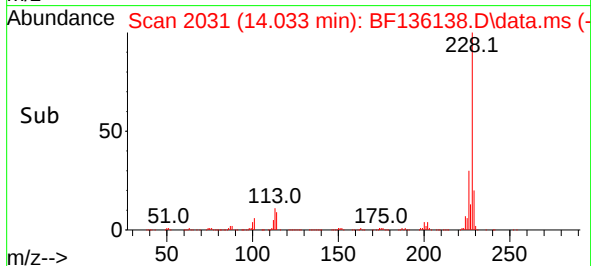
Manual Integrations  
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Reviewed By :Yogesh  
 Patel



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 Supervised By :mohammad  
 ahmed

11/07/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.480 ng

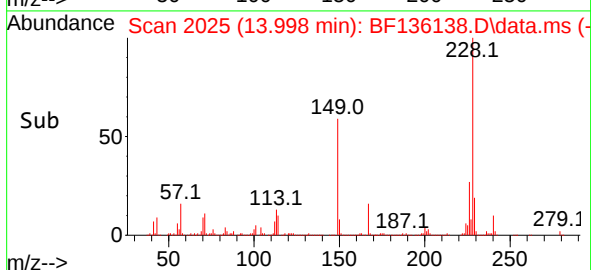
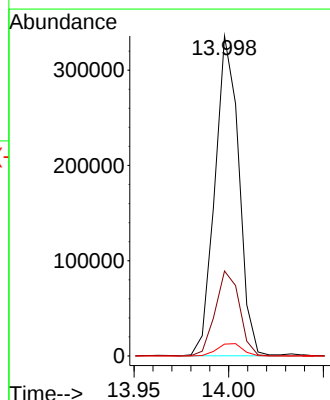
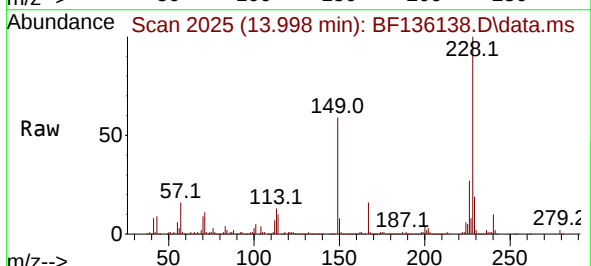
RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF136138.D

Acq: 04 Nov 2023 09:32

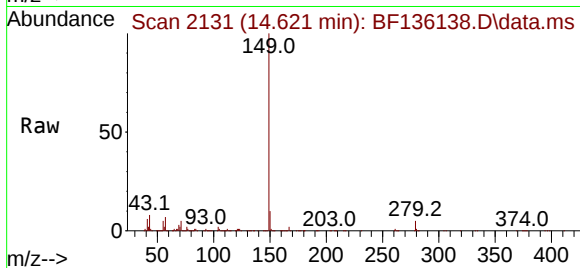
Tgt Ion:149 Resp: 295161  
 Ion Ratio Lower Upper  
 149 100  
 167 26.5 22.6 33.8  
 279 3.7 4.1 6.1#





#85  
Di-n-octyl phthalate  
Concen: 37.775 ng  
RT: 14.621 min Scan# 2132  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

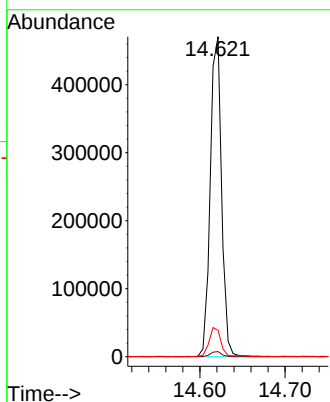
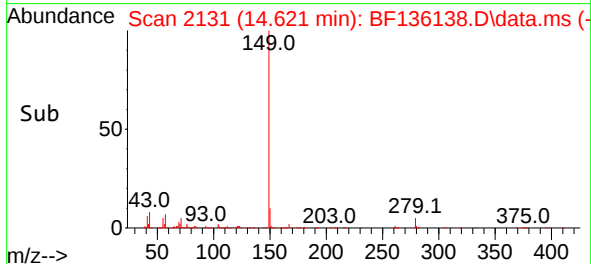
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:149 Resp: 434072  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 9.2 7.6 11.4

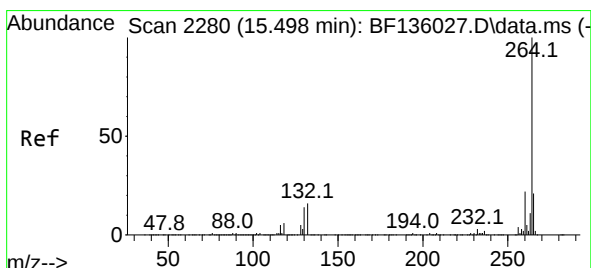
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel

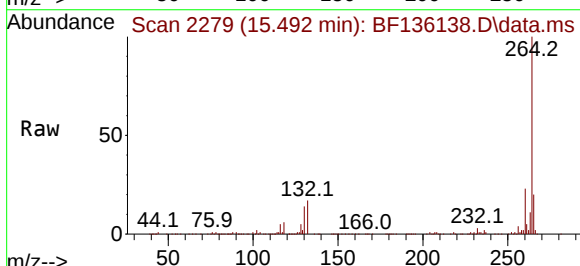


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Supervised By :mohammad  
ahmed

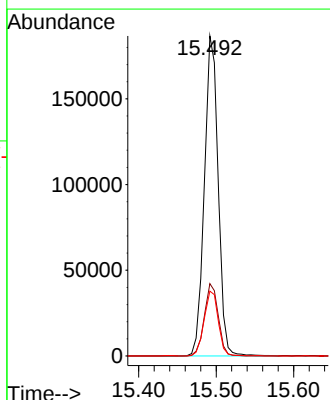
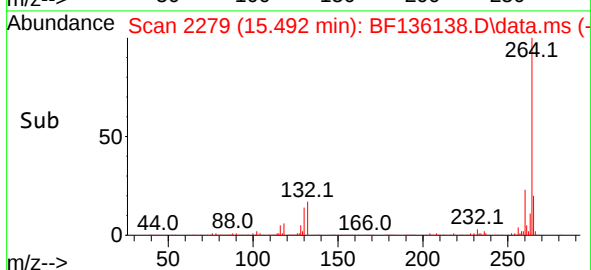
11/07/2023

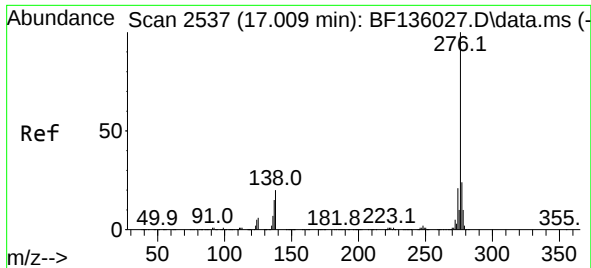


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.492 min Scan# 2279  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32



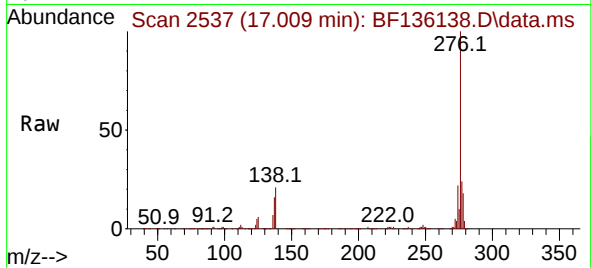
Tgt Ion:264 Resp: 230729  
Ion Ratio Lower Upper  
264 100  
260 22.6 17.9 26.9  
265 20.3 16.8 25.2





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 47.502 ng  
RT: 17.009 min Scan# 210  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

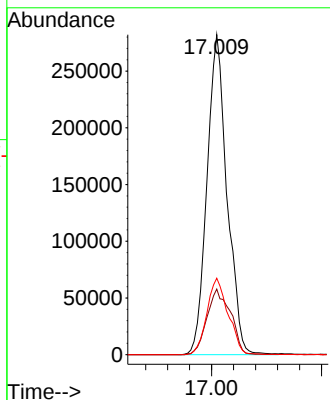
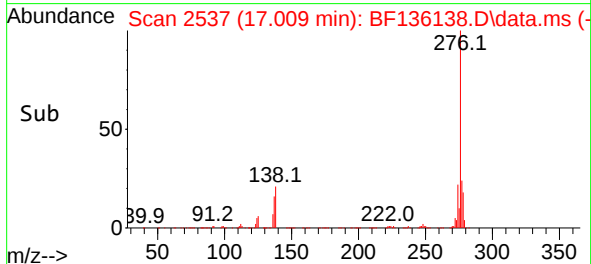
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:276 Resp: 716310  
Ion Ratio Lower Upper  
276 100  
138 24.2 20.4 30.6  
277 25.3 20.2 30.2

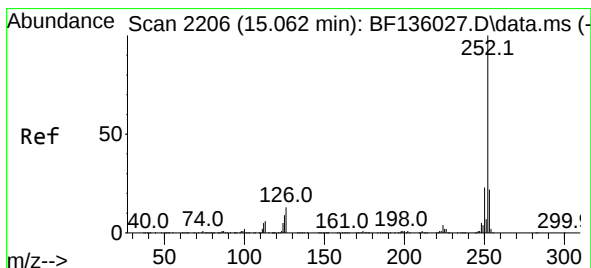
Manual Integrations  
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Patel

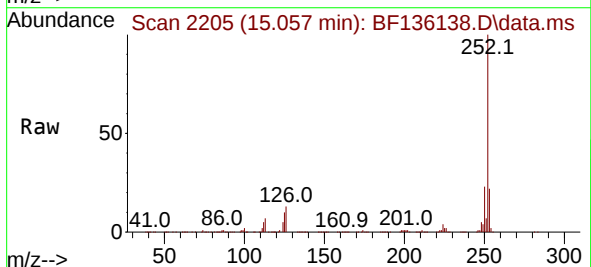


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Supervised By :mohammad  
ahmed

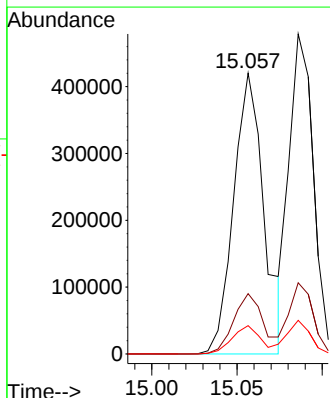
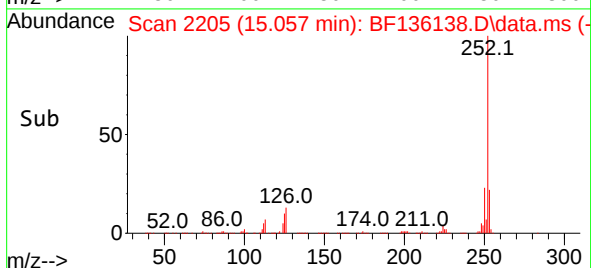
11/07/2023

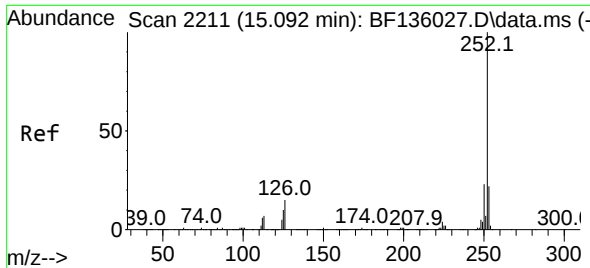


#88  
Benzo(b)fluoranthene  
Concen: 38.063 ng  
RT: 15.057 min Scan# 2205  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32



Tgt Ion:252 Resp: 519656  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.7 26.5  
125 10.1 7.5 11.3



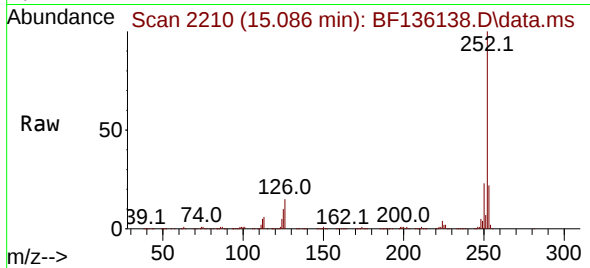


#89  
Benzo(k)fluoranthene  
Concen: 35.303 ng  
RT: 15.086 min Scan# 2110  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

Instrument :

BNA\_F

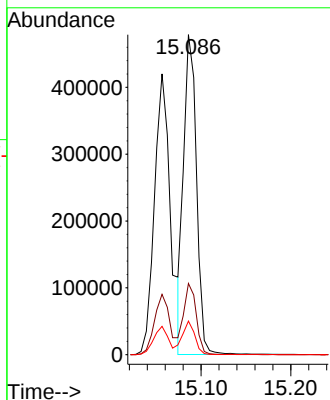
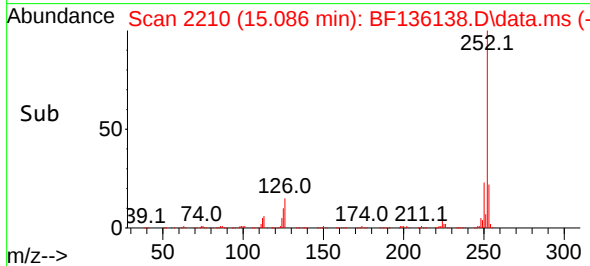
ClientSampleId :



Tgt Ion:252 Resp: 47689  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.4 26.0  
125 10.5 8.0 12.0

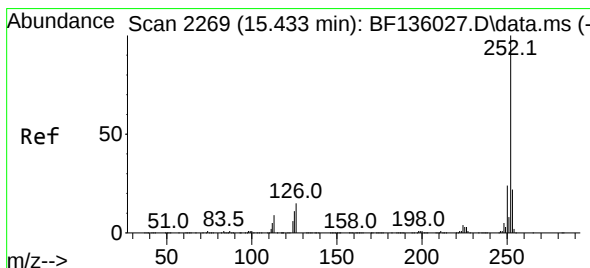
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



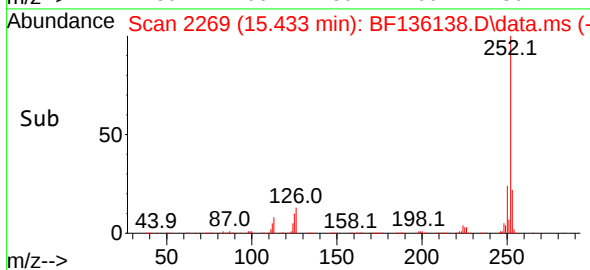
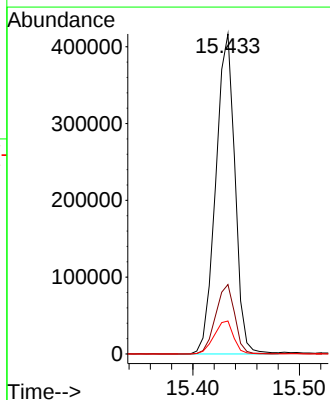
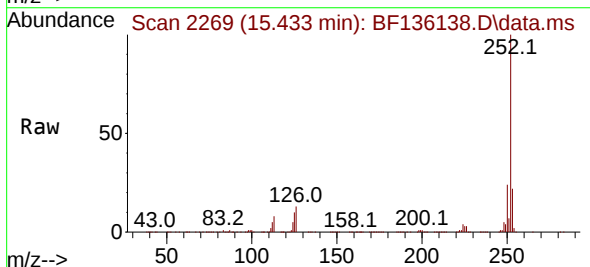
11/06/2023  
Supervised By :mohammad  
ahmed

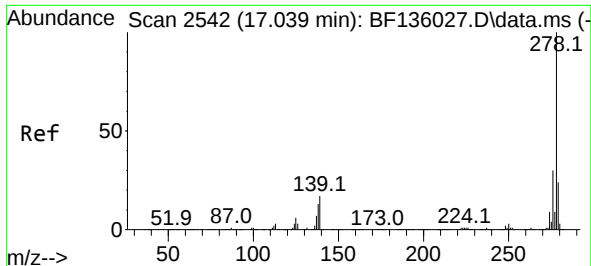
11/07/2023



#90  
Benzo(a)pyrene  
Concen: 41.057 ng  
RT: 15.433 min Scan# 2269  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

Tgt Ion:252 Resp: 520828  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.3 25.9  
125 10.3 9.0 13.6



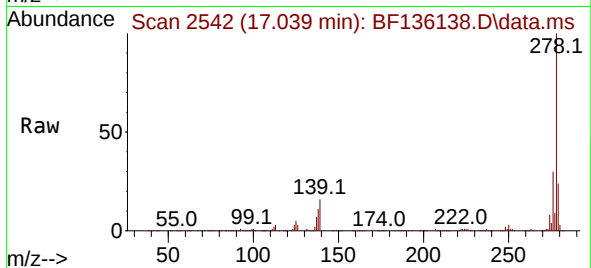


#91  
Dibenzo(a,h)anthracene  
Concen: 47.645 ng  
RT: 17.039 min Scan# 2542  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32

Instrument :

BNA\_F

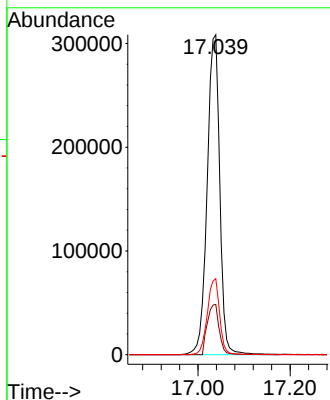
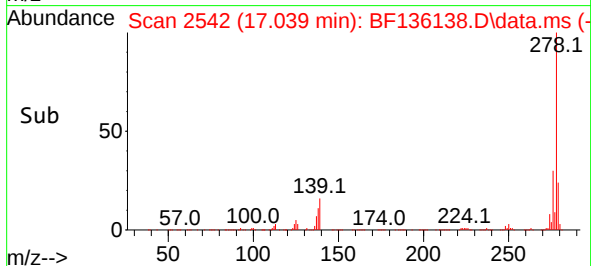
ClientSampleId :



Tgt Ion:278 Resp: 588518  
Ion Ratio Lower Upper  
278 100  
139 15.7 13.7 20.5  
279 23.7 19.0 28.6

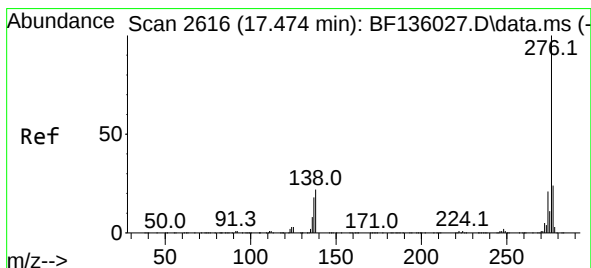
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel

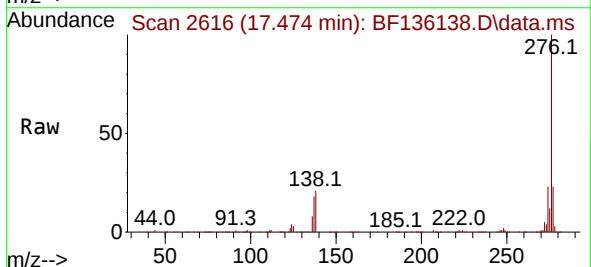


11/06/2023  
Supervised By :mohammad  
ahmed

11/07/2023



#92  
Benzo(g,h,i)perylene  
Concen: 43.592 ng  
RT: 17.474 min Scan# 2616  
Delta R.T. 0.000 min  
Lab File: BF136138.D  
Acq: 04 Nov 2023 09:32



Tgt Ion:276 Resp: 609063  
Ion Ratio Lower Upper  
276 100  
277 23.4 19.0 28.4  
138 20.9 17.4 26.2

