

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092723\  
 Data File : BF135467.D  
 Acq On : 27 Sep 2023 12:02  
 Operator : CG\JU  
 Sample : PB155849BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB155849BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh  
 Patel

Quant Time: Sep 28 10:44:06 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 26 01:36:36 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |                               |
|-------------------------------|--------|------|----------|---------|-------|----------|-------------------------------|
| Internal Standards            |        |      |          |         |       |          | 09/28/2023                    |
| 1) 1,4-Dichlorobenzene-d4     | 6.757  | 152  | 166775   | 20.000  | ng    | 0.00     | Supervised By :mohammad Ahmed |
| 21) Naphthalene-d8            | 8.034  | 136  | 640872   | 20.000  | ng    | # 0.00   |                               |
| 39) Acenaphthene-d10          | 9.792  | 164  | 309872   | 20.000  | ng    | 0.00     |                               |
| 64) Phenanthrene-d10          | 11.286 | 188  | 562529   | 20.000  | ng    | # 0.00   |                               |
| 76) Chrysene-d12              | 13.945 | 240  | 293673   | 20.000  | ng    | 0.00     |                               |
| 86) Perylene-d12              | 15.410 | 264  | 287805   | 20.000  | ng    | 0.00     | 09/29/2023                    |
| System Monitoring Compounds   |        |      |          |         |       |          |                               |
| 5) 2-Fluorophenol             | 5.398  | 112  | 1334413  | 130.137 | ng    | 0.02     |                               |
| 7) Phenol-d6                  | 6.410  | 99   | 1666430  | 127.809 | ng    | 0.00     |                               |
| 23) Nitrobenzene-d5           | 7.328  | 82   | 1075758  | 91.197  | ng    | 0.00     |                               |
| 42) 2,4,6-Tribromophenol      | 10.592 | 330  | 348231   | 113.085 | ng    | 0.00     |                               |
| 45) 2-Fluorobiphenyl          | 9.116  | 172  | 1707212  | 83.122  | ng    | 0.00     |                               |
| 79) Terphenyl-d14             | 12.886 | 244  | 1617503  | 85.382  | ng    | 0.00     |                               |
| Target Compounds              |        |      |          |         |       |          | Qvalue                        |
| 2) 1,4-Dioxane                | 2.546  | 88   | 201910   | 44.918  | ng    |          | 94                            |
| 3) Pyridine                   | 3.304  | 79   | 513991   | 42.485  | ng    |          | 92                            |
| 4) n-Nitrosodimethylamine     | 3.257  | 42   | 330762   | 51.521  | ng    |          | 95                            |
| 6) Aniline                    | 6.422  | 93   | 527610   | 30.858  | ng    | #        | 6                             |
| 8) 2-Chlorophenol             | 6.545  | 128  | 546169   | 49.896  | ng    |          | 98                            |
| 9) Benzaldehyde               | 6.310  | 77   | 150820   | 20.305  | ng    |          | 98                            |
| 10) Phenol                    | 6.422  | 94   | 613681   | 42.923  | ng    |          | 85                            |
| 11) bis(2-Chloroethyl)ether   | 6.498  | 93   | 546321   | 50.941  | ng    |          | 100                           |
| 12) 1,3-Dichlorobenzene       | 6.692  | 146  | 527251   | 47.396  | ng    |          | 98                            |
| 13) 1,4-Dichlorobenzene       | 6.775  | 146  | 539114   | 47.633  | ng    |          | 98                            |
| 14) 1,2-Dichlorobenzene       | 6.922  | 146  | 503965   | 47.948  | ng    |          | 98                            |
| 15) Benzyl Alcohol            | 6.910  | 79   | 431152   | 46.082  | ng    |          | 94                            |
| 16) 2,2'-oxybis(1-Chloropr... | 7.034  | 45   | 976492   | 48.306  | ng    |          | 86                            |
| 17) 2-Methylphenol            | 7.022  | 107  | 435353   | 45.070  | ng    |          | 95                            |
| 18) Hexachloroethane          | 7.257  | 117  | 205411   | 49.119  | ng    |          | 90                            |
| 19) n-Nitroso-di-n-propyla... | 7.175  | 70   | 341791   | 42.322  | ng    |          | 94                            |
| 20) 3+4-Methylphenols         | 7.175  | 107  | 488922   | 42.093  | ng    | #        | 88                            |
| 22) Acetophenone              | 7.169  | 105  | 683920   | 46.678  | ng    |          | 94                            |
| 24) Nitrobenzene              | 7.345  | 77   | 568788   | 48.785  | ng    |          | 98                            |
| 25) Isophorone                | 7.581  | 82   | 1054965  | 48.704  | ng    |          | 98                            |
| 26) 2-Nitrophenol             | 7.657  | 139  | 288016   | 51.470  | ng    |          | 95                            |
| 27) 2,4-Dimethylphenol        | 7.698  | 122  | 430916   | 45.814  | ng    |          | 95                            |
| 28) bis(2-Chloroethoxy)met... | 7.792  | 93   | 643673   | 49.649  | ng    |          | 99                            |
| 29) 2,4-Dichlorophenol        | 7.904  | 162  | 418856   | 48.058  | ng    |          | 98                            |
| 30) 1,2,4-Trichlorobenzene    | 7.981  | 180  | 436053   | 47.866  | ng    |          | 99                            |
| 31) Naphthalene               | 8.057  | 128  | 1463619  | 47.004  | ng    |          | 99                            |
| 32) Benzoic acid              | 7.845  | 122  | 317259   | 44.794  | ng    |          | 99                            |
| 33) 4-Chloroaniline           | 8.110  | 127  | 318880   | 23.341  | ng    |          | 98                            |
| 34) Hexachlorobutadiene       | 8.169  | 225  | 246474   | 44.870  | ng    |          | 99                            |
| 35) Caprolactam               | 8.492  | 113  | 145481m  | 49.736  | ng    |          |                               |
| 36) 4-Chloro-3-methylphenol   | 8.610  | 107  | 463730   | 47.873  | ng    |          | 98                            |
| 37) 2-Methylnaphthalene       | 8.751  | 142  | 907139   | 43.340  | ng    |          | 99                            |
| 38) 1-Methylnaphthalene       | 8.851  | 142  | 870211   | 44.407  | ng    |          | 99                            |
| 40) 1,2,4,5-Tetrachloroben... | 8.916  | 216  | 424710   | 47.310  | ng    |          | 98                            |
| 41) Hexachlorocyclopentadiene | 8.898  | 237  | 257974   | 66.581  | ng    |          | 98                            |
| 43) 2,4,6-Trichlorophenol     | 9.034  | 196  | 276499   | 47.041  | ng    |          | 98                            |

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 26 01:36:36 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |                                  |
|-------------------------------|--------|------|----------|--------|-------|----------|----------------------------------|
| 44) 2,4,5-Trichlorophenol     | 9.086  | 196  | 292473   | 43.208 | ng    | 98       | 09/28/2023                       |
| 46) 1,1'-Biphenyl             | 9.216  | 154  | 1112882  | 46.734 | ng    | 97       | Supervised By :mohammad<br>ahmed |
| 47) 2-Chloronaphthalene       | 9.239  | 162  | 839747   | 48.603 | ng    | 98       |                                  |
| 48) 2-Nitroaniline            | 9.345  | 65   | 328314   | 48.912 | ng    | 97       |                                  |
| 49) Acenaphthylene            | 9.657  | 152  | 1348777  | 46.972 | ng    | 99       |                                  |
| 50) Dimethylphthalate         | 9.522  | 163  | 972950   | 46.440 | ng    | 99       |                                  |
| 51) 2,6-Dinitrotoluene        | 9.592  | 165  | 219679   | 47.865 | ng    | 88       | 09/29/2023                       |
| 52) Acenaphthene              | 9.828  | 154  | 792159   | 46.699 | ng    | 96       |                                  |
| 53) 3-Nitroaniline            | 9.763  | 138  | 183346   | 34.033 | ng    | 92       |                                  |
| 54) 2,4-Dinitrophenol         | 9.881  | 184  | 205798   | 79.066 | ng    | 93       |                                  |
| 55) Dibenzofuran              | 10.004 | 168  | 1109586  | 42.866 | ng    | 99       |                                  |
| 56) 4-Nitrophenol             | 9.945  | 139  | 277990   | 81.190 | ng    | 98       |                                  |
| 57) 2,4-Dinitrotoluene        | 10.004 | 165  | 243892   | 42.448 | ng    | 90       |                                  |
| 58) Fluorene                  | 10.345 | 166  | 902583   | 45.357 | ng    | 97       |                                  |
| 59) 2,3,4,6-Tetrachlorophenol | 10.128 | 232  | 234594   | 45.054 | ng    | 99       |                                  |
| 60) Diethylphthalate          | 10.228 | 149  | 955653   | 45.452 | ng    | 99       |                                  |
| 61) 4-Chlorophenyl-phenyle... | 10.339 | 204  | 413639   | 43.272 | ng    | 93       |                                  |
| 62) 4-Nitroaniline            | 10.380 | 138  | 241491   | 46.633 | ng    | 95       |                                  |
| 63) Azobenzene                | 10.498 | 77   | 987250   | 47.977 | ng    | 97       |                                  |
| 65) 4,6-Dinitro-2-methylph... | 10.416 | 198  | 140892   | 47.156 | ng    | 91       |                                  |
| 66) n-Nitrosodiphenylamine    | 10.463 | 169  | 834901   | 49.024 | ng    | 100      |                                  |
| 67) 4-Bromophenyl-phenylether | 10.828 | 248  | 260433   | 46.549 | ng    | 96       |                                  |
| 68) Hexachlorobenzene         | 10.898 | 284  | 273673   | 48.015 | ng    | 96       |                                  |
| 69) Atrazine                  | 10.998 | 200  | 256713   | 56.022 | ng    | 97       |                                  |
| 70) Pentachlorophenol         | 11.098 | 266  | 249652   | 73.208 | ng    | 98       |                                  |
| 71) Phenanthrene              | 11.316 | 178  | 1289653  | 48.474 | ng    | 99       |                                  |
| 72) Anthracene                | 11.363 | 178  | 1325344  | 48.463 | ng    | 100      |                                  |
| 73) Carbazole                 | 11.527 | 167  | 1251367  | 50.266 | ng    | 99       |                                  |
| 74) Di-n-butylphthalate       | 11.857 | 149  | 1478046  | 50.386 | ng    | 99       |                                  |
| 75) Fluoranthene              | 12.510 | 202  | 1358340  | 48.998 | ng    | 100      |                                  |
| 77) Benzidine                 | 12.633 | 184  | 440800   | 73.266 | ng    | 99       |                                  |
| 78) Pyrene                    | 12.739 | 202  | 1369884  | 48.995 | ng    | 100      |                                  |
| 80) Butylbenzylphthalate      | 13.363 | 149  | 561184   | 57.006 | ng    | 99       |                                  |
| 81) Benzo(a)anthracene        | 13.933 | 228  | 950081   | 50.101 | ng    | 98       |                                  |
| 82) 3,3'-Dichlorobenzidine    | 13.898 | 252  | 224771   | 37.947 | ng    | #        | 99                               |
| 83) Chrysene                  | 13.974 | 228  | 928111   | 49.227 | ng    | 100      |                                  |
| 84) Bis(2-ethylhexyl)phtha... | 13.921 | 149  | 679617   | 67.276 | ng    | 99       |                                  |
| 85) Di-n-octyl phthalate      | 14.539 | 149  | 1033152  | 64.355 | ng    | 99       |                                  |
| 87) Indeno(1,2,3-cd)pyrene    | 16.904 | 276  | 996789   | 52.823 | ng    | 96       |                                  |
| 88) Benzo(b)fluoranthene      | 14.986 | 252  | 789193m  | 50.654 | ng    |          |                                  |
| 89) Benzo(k)fluoranthene      | 15.015 | 252  | 727845   | 47.293 | ng    | 99       |                                  |
| 90) Benzo(a)pyrene            | 15.351 | 252  | 702696   | 47.296 | ng    | 99       |                                  |
| 91) Dibenzo(a,h)anthracene    | 16.909 | 278  | 793443   | 51.389 | ng    | 96       |                                  |
| 92) Benzo(g,h,i)perylene      | 17.351 | 276  | 837338   | 51.928 | ng    | 96       |                                  |

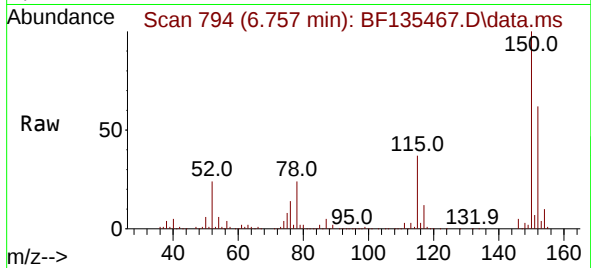
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.757 min Scan# 79  
Delta R.T. 0.006 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

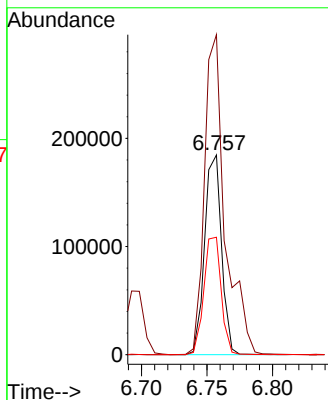
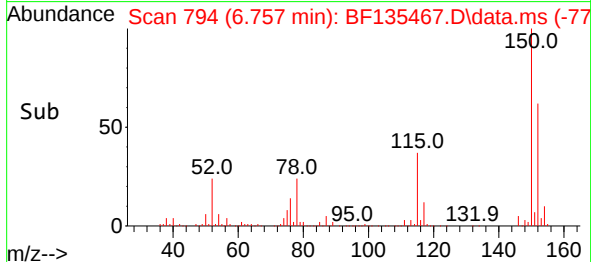
Instrument :  
BNA\_F  
ClientSampleId :  
PB155849BS



Tgt Ion:152 Resp: 166779  
Ion Ratio Lower Upper  
152 100  
150 160.2 127.8 191.6  
115 58.8 49.8 74.8

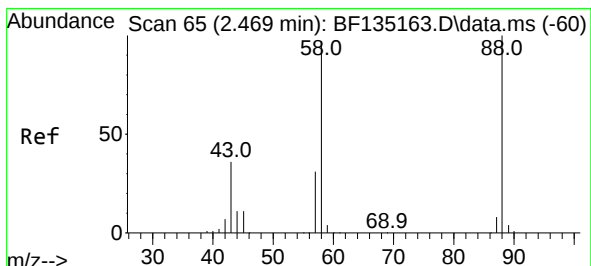
Manual Integrations  
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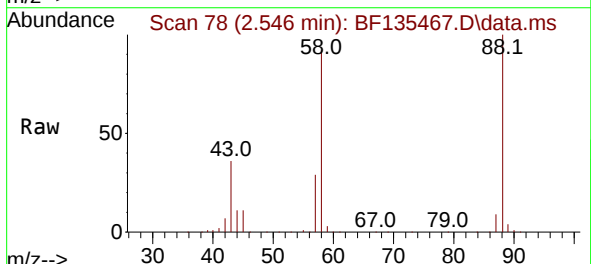


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Supervised By :mohammad  
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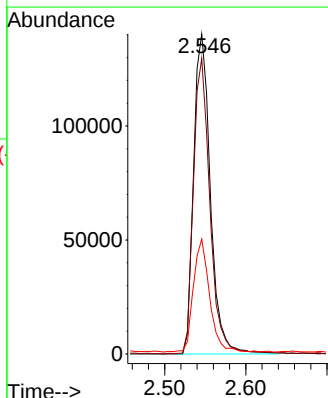
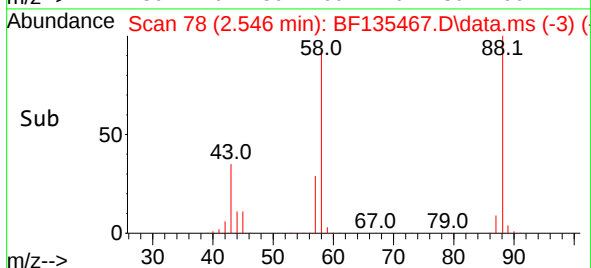
09/29/2023



#2  
1,4-Dioxane  
Concen: 44.918 ng  
RT: 2.546 min Scan# 78  
Delta R.T. 0.094 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02



Tgt Ion: 88 Resp: 201910  
Ion Ratio Lower Upper  
88 100  
58 91.4 78.3 117.5  
43 34.0 29.4 44.0





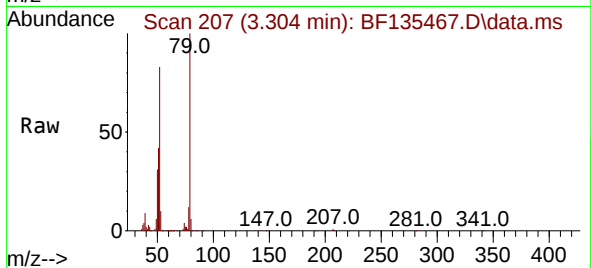
#3  
Pyridine  
Concen: 42.485 ng  
RT: 3.304 min Scan# 20  
Delta R.T. 0.106 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

Instrument :

BNF

ClientSampleId :

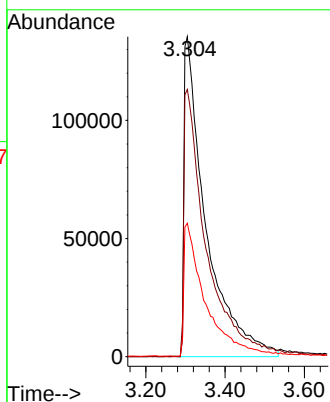
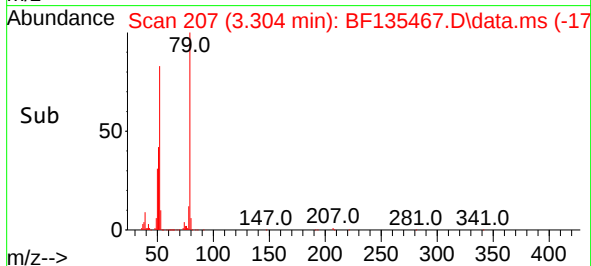
PB155849BS



Tgt Ion: 79 Resp: 51399  
Ion Ratio Lower Upper  
79 100  
52 83.5 74.1 111.1  
51 41.7 35.8 53.8

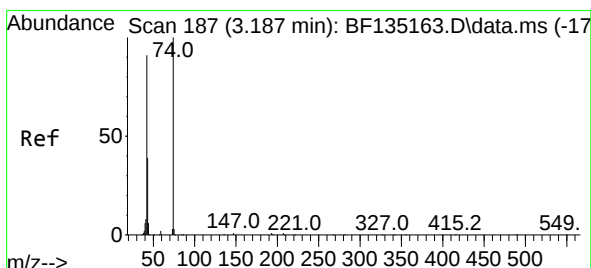
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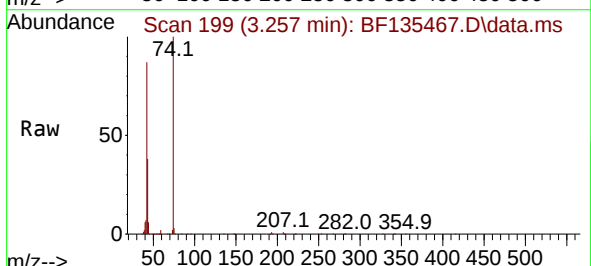


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ahmed

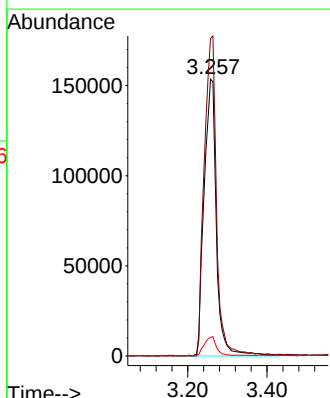
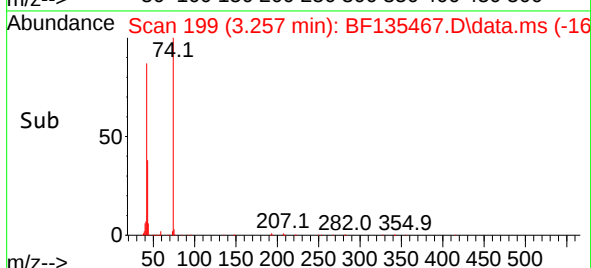
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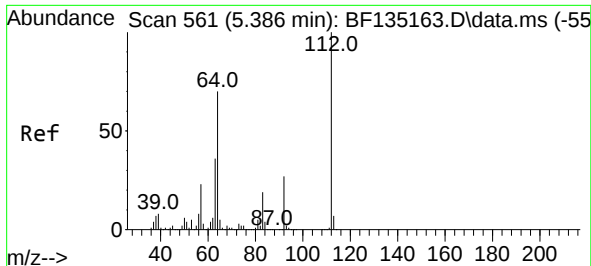


#4  
n-Nitrosodimethylamine  
Concen: 51.521 ng  
RT: 3.257 min Scan# 199  
Delta R.T. 0.088 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02



Tgt Ion: 42 Resp: 330762  
Ion Ratio Lower Upper  
42 100  
74 114.7 87.7 131.5  
44 6.7 5.6 8.4





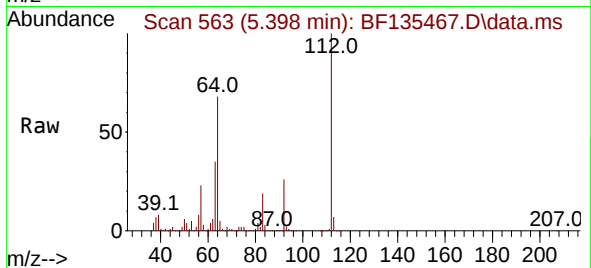
#5  
2-Fluorophenol  
Concen: 130.137 ng  
RT: 5.398 min Scan# 501  
Delta R.T. 0.018 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

Instrument :

BNA\_F

ClientSampleId :

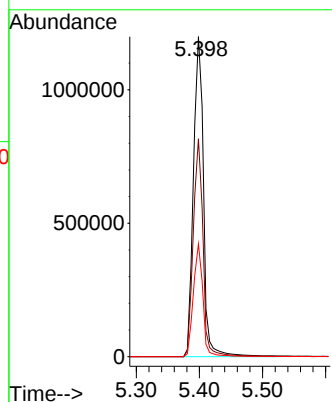
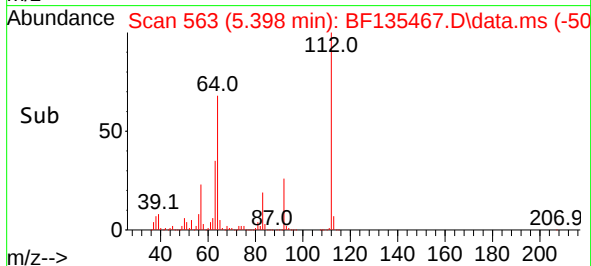
PB155849BS



Tgt Ion:112 Resp: 133441  
Ion Ratio Lower Upper  
112 100  
64 68.1 55.9 83.9  
63 35.3 29.0 43.6

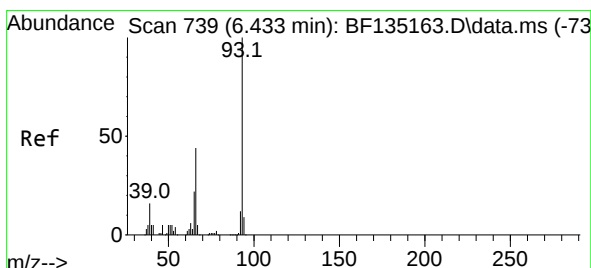
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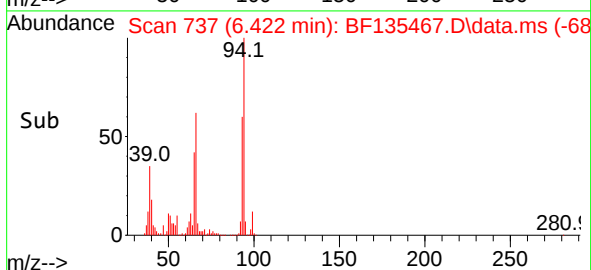
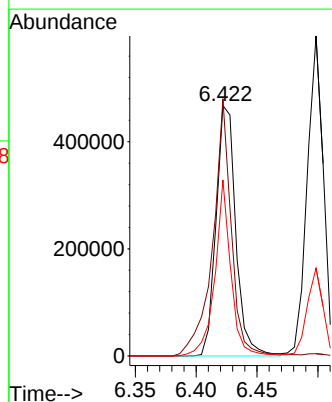
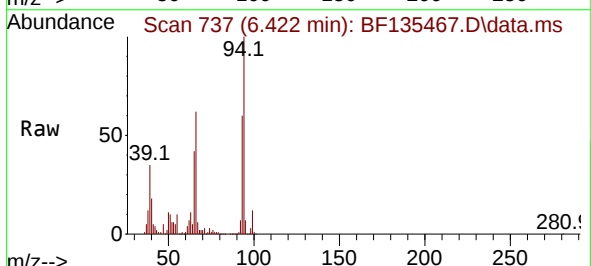
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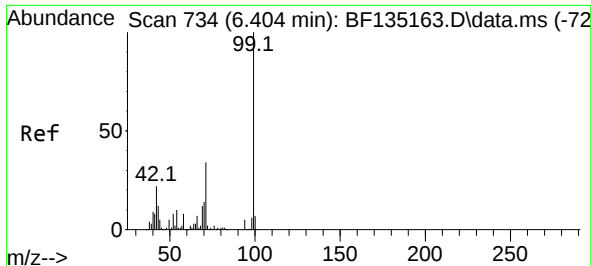
09/29/2023



#6  
Aniline  
Concen: 30.858 ng  
RT: 6.422 min Scan# 737  
Delta R.T. -0.000 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

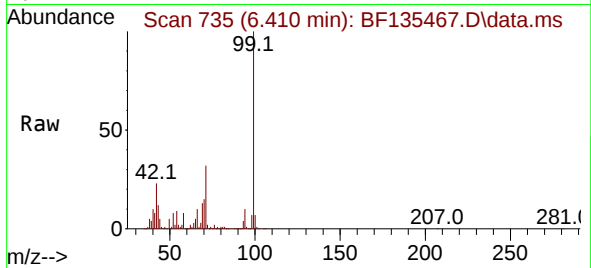
Tgt Ion: 93 Resp: 527610  
Ion Ratio Lower Upper  
93 100  
66 102.7 35.4 53.0#  
65 70.2 17.8 26.8#





#7  
Phenol-d6  
Concen: 127.809 ng  
RT: 6.410 min Scan# 710  
Delta R.T. 0.006 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

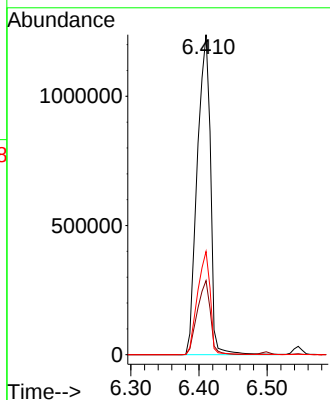
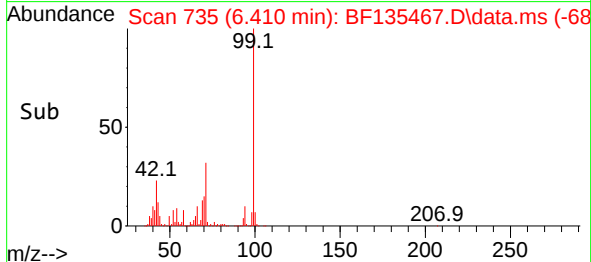
Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion: 99 Resp: 1666430  
Ion Ratio Lower Upper  
99 100  
42 23.2 17.9 26.9  
71 32.2 27.0 40.6

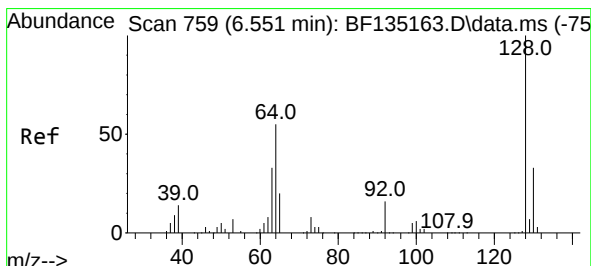
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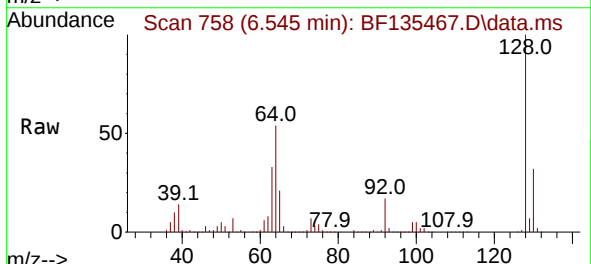


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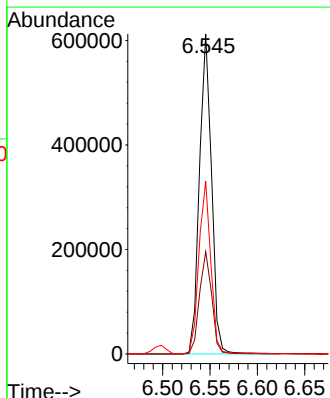
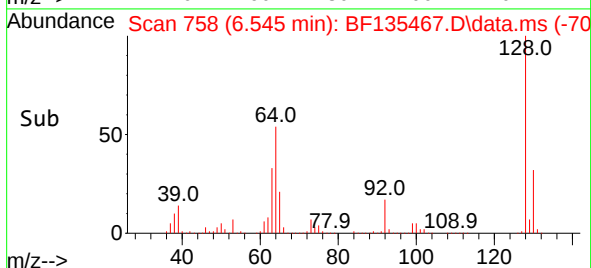
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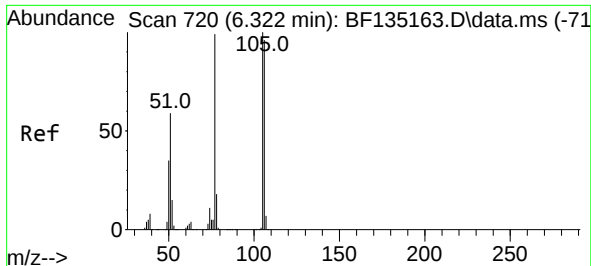


#8  
2-Chlorophenol  
Concen: 49.896 ng  
RT: 6.545 min Scan# 758  
Delta R.T. -0.000 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02



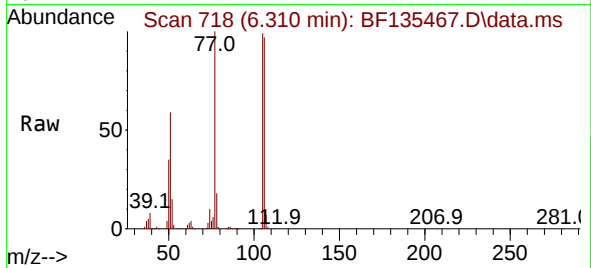
Tgt Ion:128 Resp: 546169  
Ion Ratio Lower Upper  
128 100  
130 32.0 12.7 52.7  
64 53.9 35.9 75.9





#9  
Benzaldehyde  
Concen: 20.305 ng  
RT: 6.310 min Scan# 718  
Delta R.T. -0.000 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

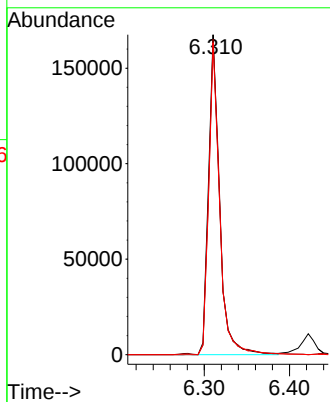
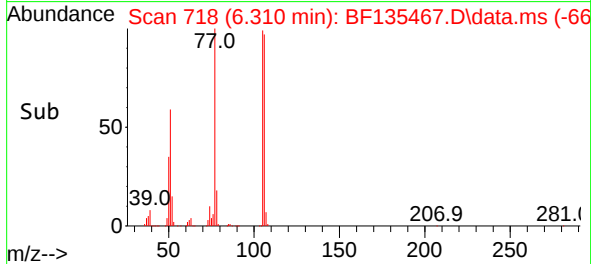
Instrument :  
BNA\_F  
ClientSampleId :  
PB155849BS



Tgt Ion: 77 Resp: 150820  
Ion Ratio Lower Upper  
77 100  
105 98.6 81.4 121.4  
106 97.5 76.9 116.9

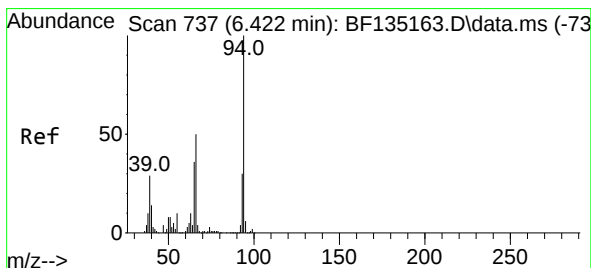
Manual Integrations  
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Reviewed By :Yogesh  
Patel



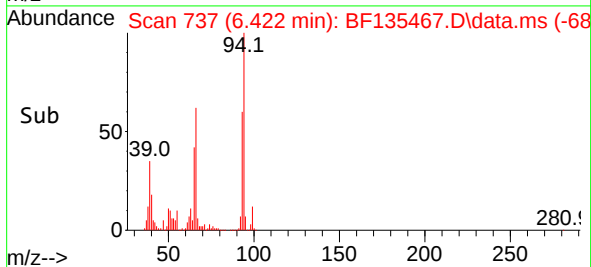
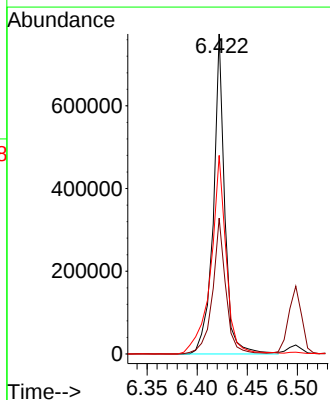
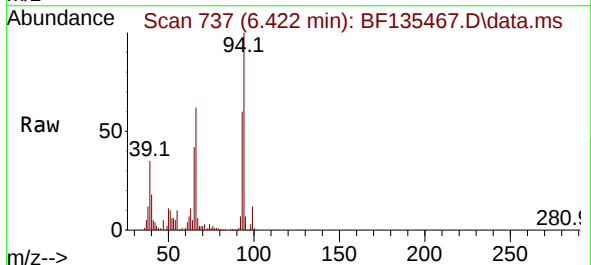
09/28/2023  
Supervised By :mohammad  
ahmed

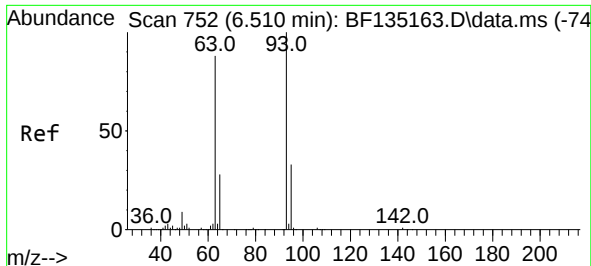
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#10  
Phenol  
Concen: 42.923 ng  
RT: 6.422 min Scan# 737  
Delta R.T. 0.006 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

Tgt Ion: 94 Resp: 613681  
Ion Ratio Lower Upper  
94 100  
65 42.5 15.9 55.9  
66 62.1 29.8 69.8





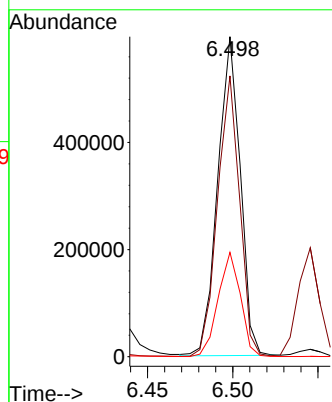
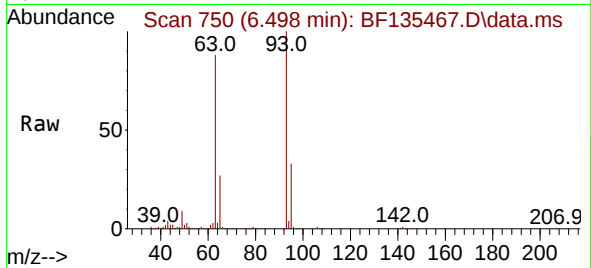
#11  
bis(2-Chloroethyl)ether  
Concen: 50.941 ng  
RT: 6.498 min Scan# 750  
Delta R.T. -0.000 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB155849BS

Tgt Ion: 93 Resp: 54632  
Ion Ratio Lower Upper  
93 100  
63 87.7 67.3 107.3  
95 32.6 12.7 52.7

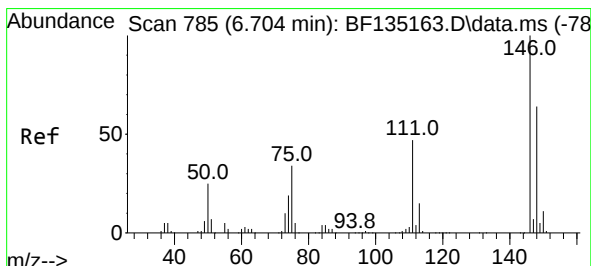
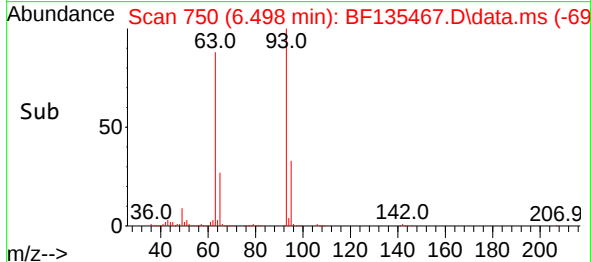
Manual Integrations  
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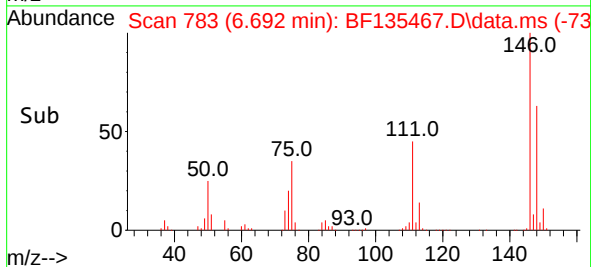
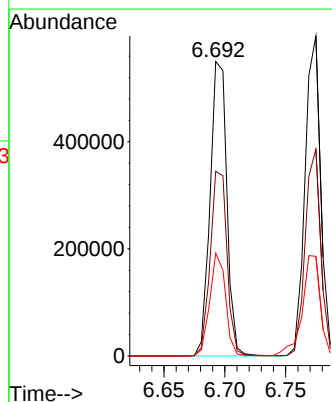
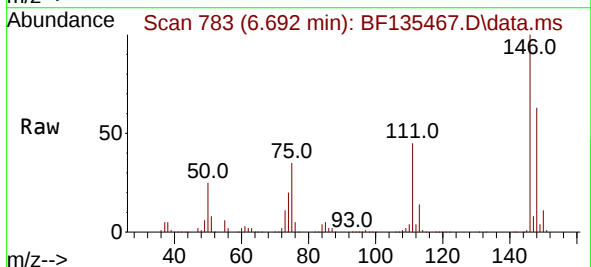
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Supervised By :mohammad  
ahmed

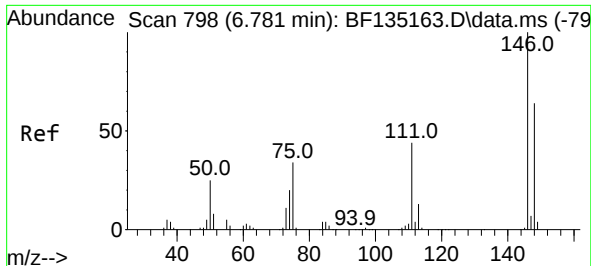
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#12  
1,3-Dichlorobenzene  
Concen: 47.396 ng  
RT: 6.692 min Scan# 783  
Delta R.T. -0.000 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

Tgt Ion:146 Resp: 527251  
Ion Ratio Lower Upper  
146 100  
148 62.7 51.3 76.9  
75 34.9 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 47.633 ng

RT: 6.775 min Scan# 798

Delta R.T. -0.000 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

Instrument :

BNA\_F

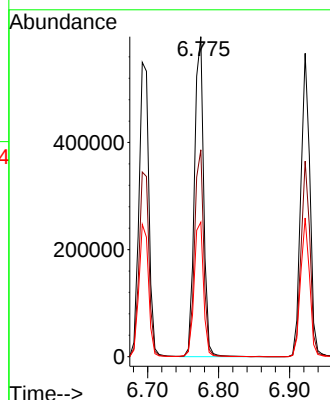
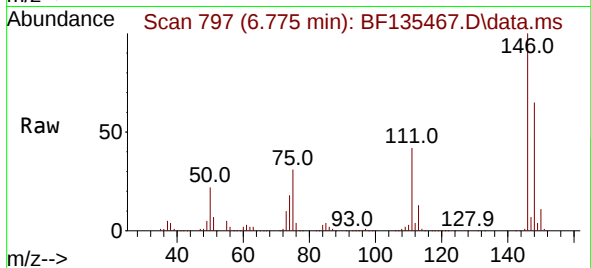
ClientSampleId :

PB155849BS

Tgt Ion:146 Resp: 539114  
 Ion Ratio Lower Upper  
 146 100  
 148 64.7 51.3 76.9  
 111 42.1 35.1 52.7

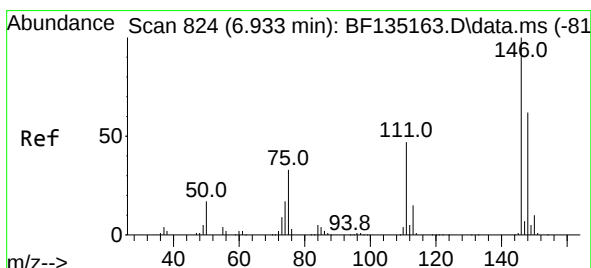
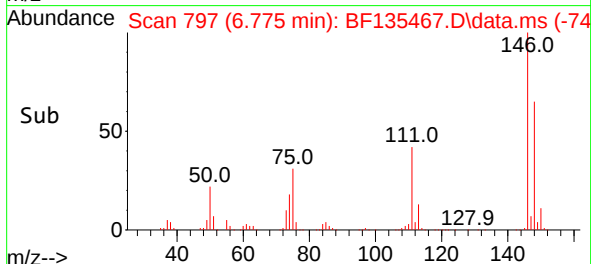
Manual Integrations  
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Reviewed By :Yogesh  
 Patel



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 Supervised By :mohammad  
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#14

1,2-Dichlorobenzene

Concen: 47.948 ng

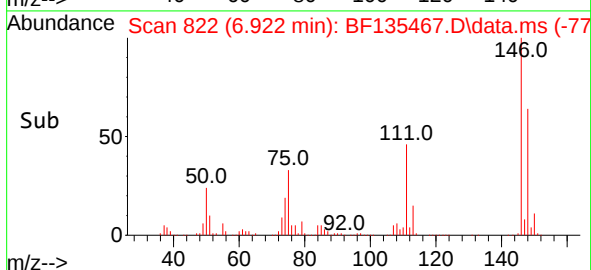
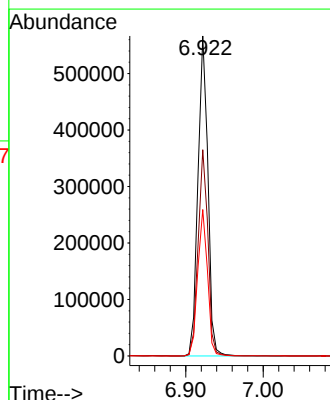
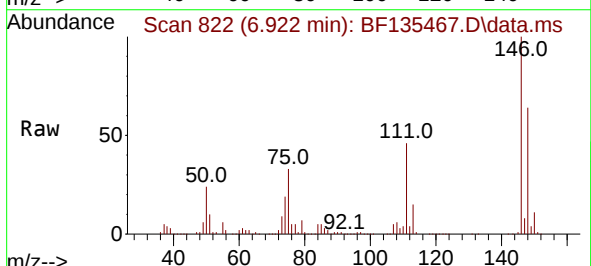
RT: 6.922 min Scan# 822

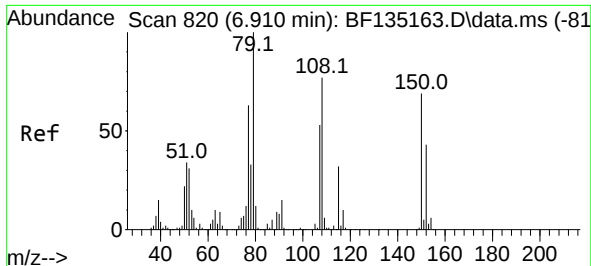
Delta R.T. -0.000 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

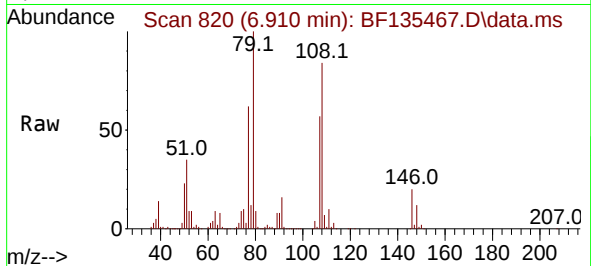
Tgt Ion:146 Resp: 503965  
 Ion Ratio Lower Upper  
 146 100  
 148 64.4 49.7 74.5  
 111 45.7 37.4 56.2





#15  
Benzyl Alcohol  
Concen: 46.082 ng  
RT: 6.910 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

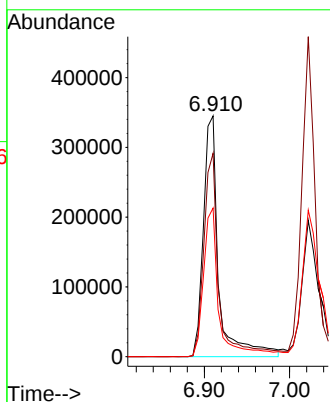
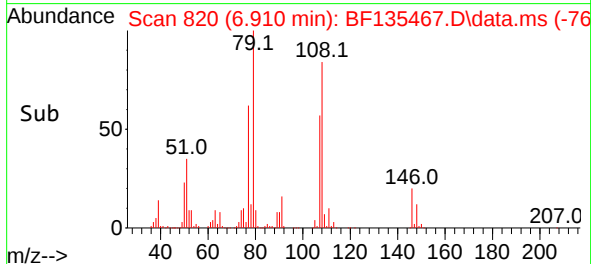
Instrument :  
BNA\_F  
ClientSampleId :  
PB155849BS



Tgt Ion: 79 Resp: 431152  
Ion Ratio Lower Upper  
79 100  
108 84.5 61.2 91.8  
77 61.8 50.5 75.7

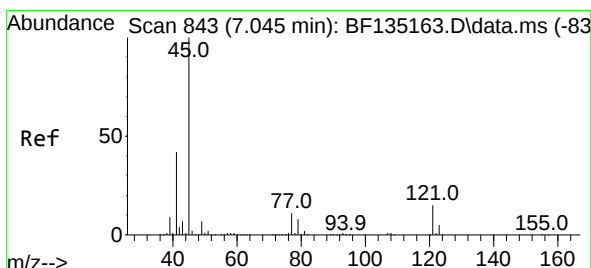
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Patel



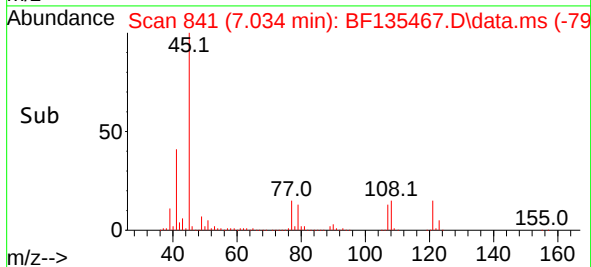
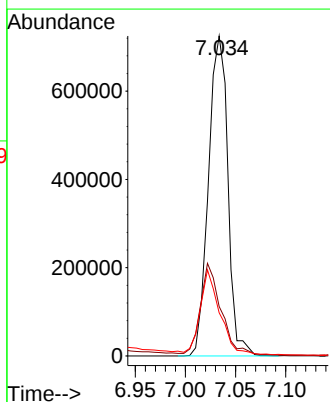
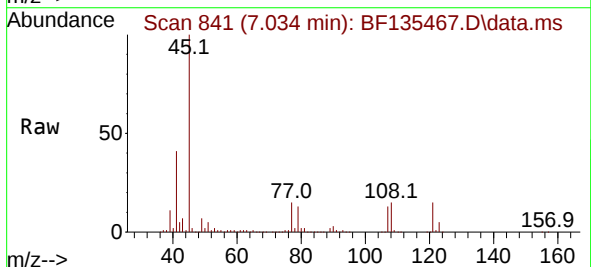
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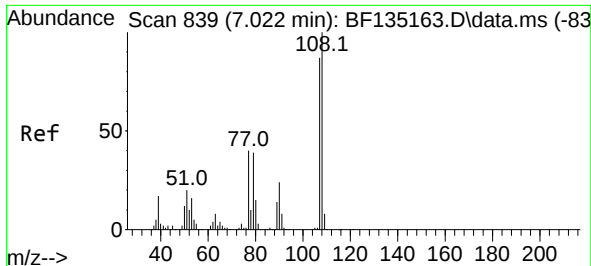
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 48.306 ng  
RT: 7.034 min Scan# 841  
Delta R.T. -0.000 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

Tgt Ion: 45 Resp: 976492  
Ion Ratio Lower Upper  
45 100  
77 15.5 0.0 30.6  
79 13.5 0.0 28.3





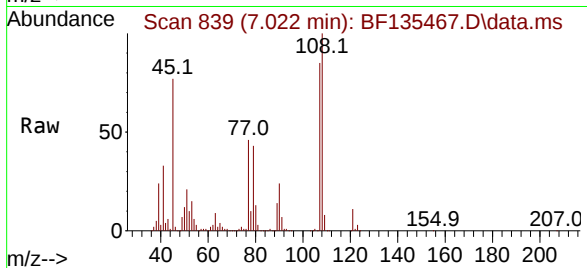
#17  
2-Methylphenol  
Concen: 45.070 ng  
RT: 7.022 min Scan# 811  
Delta R.T. -0.000 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

Instrument :

BNA\_F

ClientSampleId :

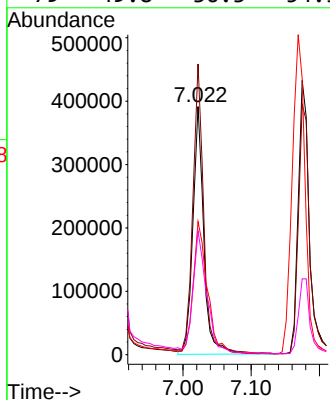
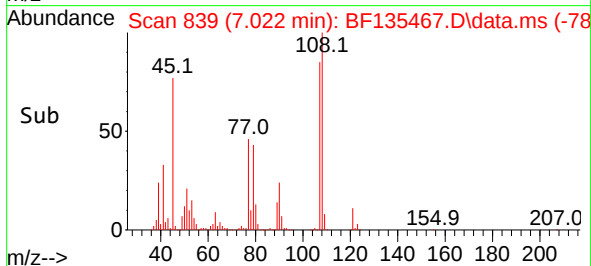
PB155849BS



Tgt Ion:107 Resp: 43535  
Ion Ratio Lower Upper  
107 100  
108 117.1 92.0 138.0  
77 53.7 36.7 55.1  
79 49.8 36.3 54.5

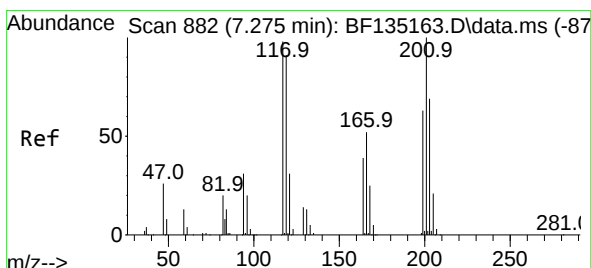
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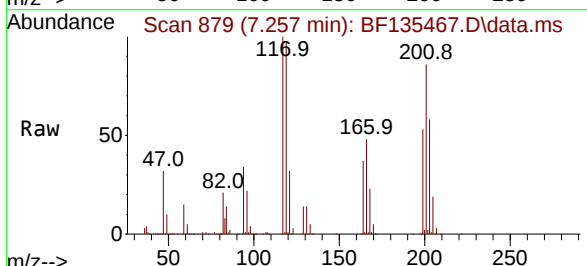


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Supervised By :mohammad  
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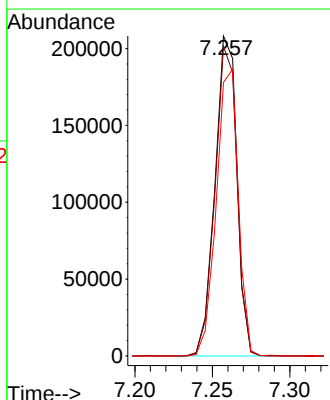
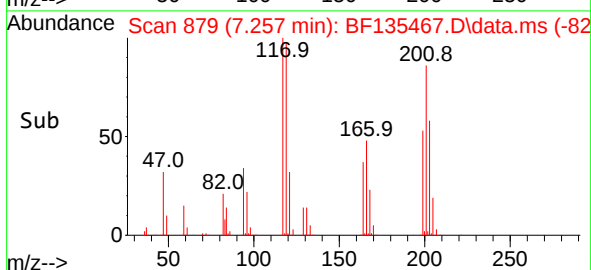
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#18  
Hexachloroethane  
Concen: 49.119 ng  
RT: 7.257 min Scan# 879  
Delta R.T. -0.000 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02



Tgt Ion:117 Resp: 205411  
Ion Ratio Lower Upper  
117 100  
119 96.7 74.7 112.1  
201 85.5 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 42.322 ng

RT: 7.175 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF135467.D

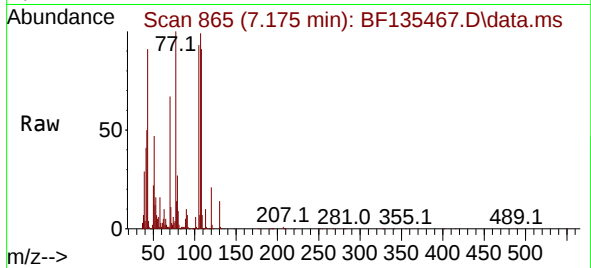
Acq: 27 Sep 2023 12:02

Instrument :

BNA\_F

ClientSampleId :

PB155849BS



Tgt Ion: 70 Resp: 34179

Ion Ratio Lower Upper

70 100

42 75.5 55.4 83.0

101 9.3 7.7 11.5

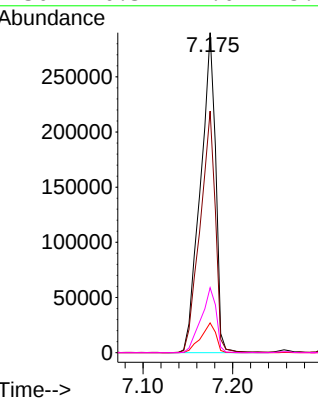
130 20.3 17.0 25.6

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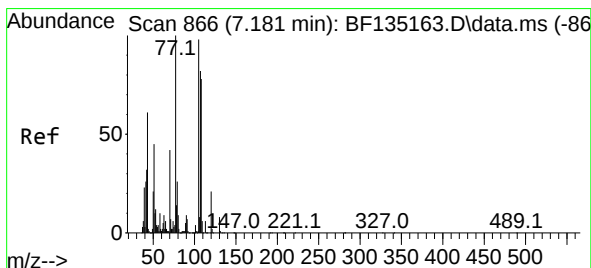
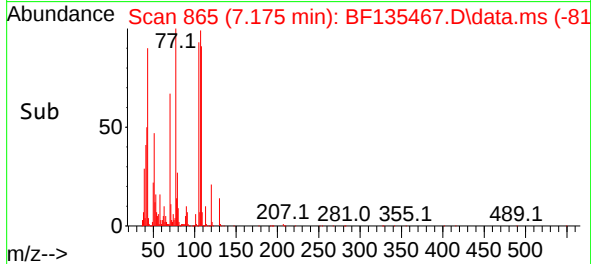
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#20

3+4-Methylphenols

Concen: 42.093 ng

RT: 7.175 min Scan# 865

Delta R.T. -0.000 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

Tgt Ion:107 Resp: 488922

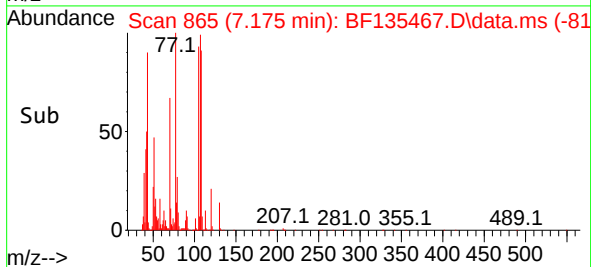
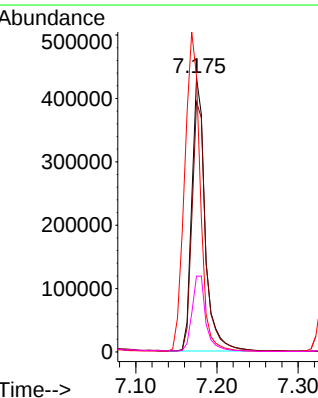
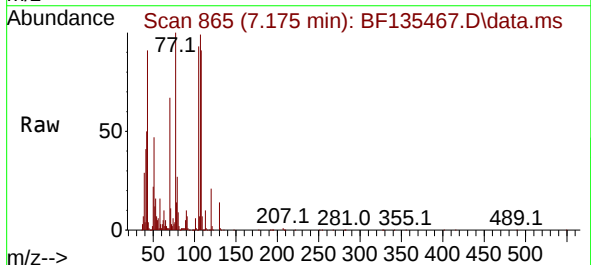
Ion Ratio Lower Upper

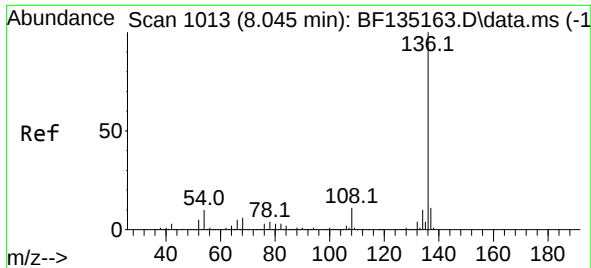
107 100

108 91.2 74.7 114.7

77 100.5 102.0 142.0#

79 27.6 11.7 51.7





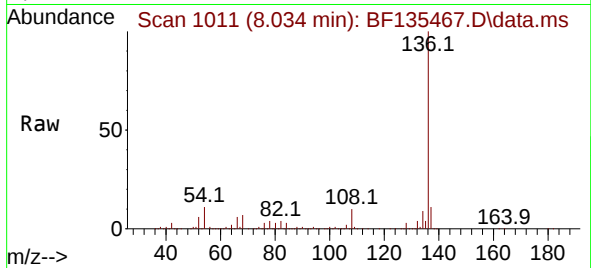
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.034 min Scan# 1013  
Delta R.T. -0.000 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

Instrument :

BNA\_F

ClientSampleId :

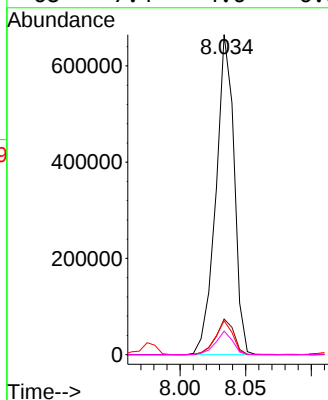
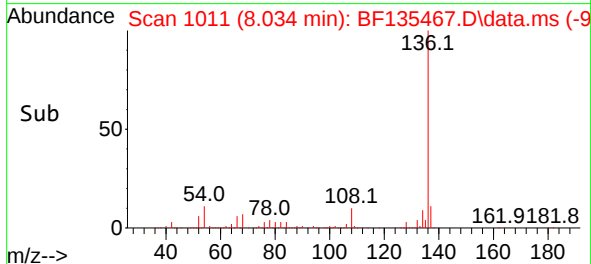
PB155849BS



Tgt Ion:136 Resp: 640872  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.8 13.2  
54 10.6 7.7 11.5  
68 7.4 4.6 6.8#

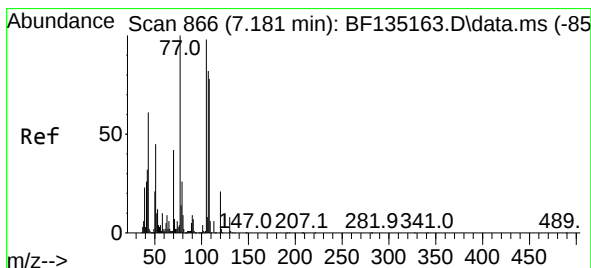
Manual Integrations  
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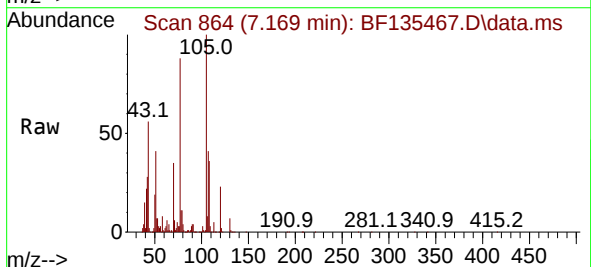


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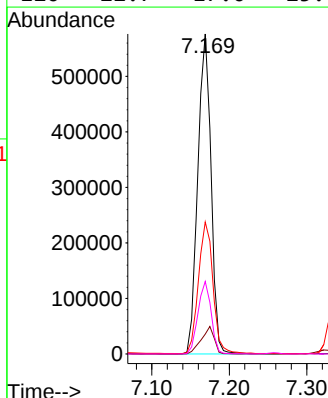
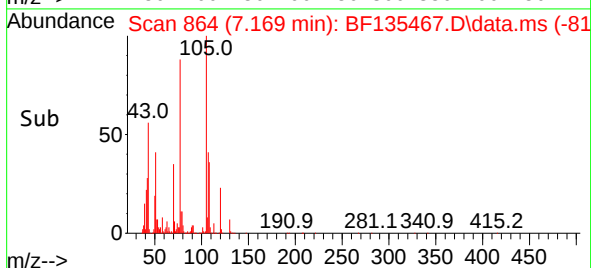
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#22  
Acetophenone  
Concen: 46.678 ng  
RT: 7.169 min Scan# 864  
Delta R.T. -0.000 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02



Tgt Ion:105 Resp: 683920  
Ion Ratio Lower Upper  
105 100  
71 6.2 5.8 8.6  
51 41.3 37.0 55.4  
120 22.7 17.0 25.6





#23

Nitrobenzene-d5

Concen: 91.197 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.006 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

Instrument :

BNA\_F

ClientSampleId :

PB155849BS

Tgt Ion: 82 Resp: 1075758

Ion Ratio Lower Upper

82 100

128 45.9 35.8 53.6

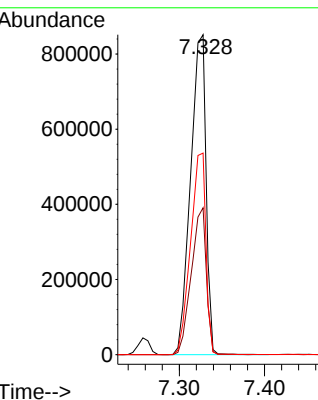
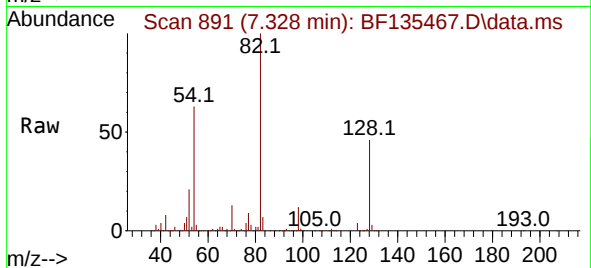
54 63.0 50.6 76.0

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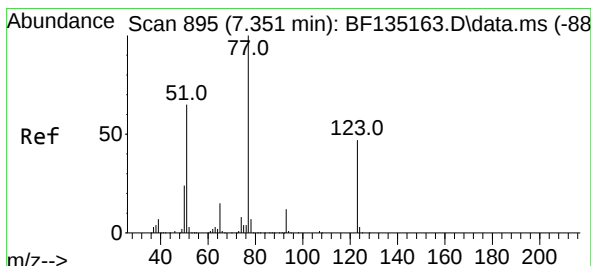
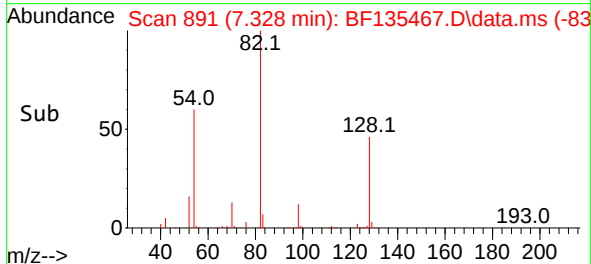
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#24

Nitrobenzene

Concen: 48.785 ng

RT: 7.345 min Scan# 894

Delta R.T. 0.006 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

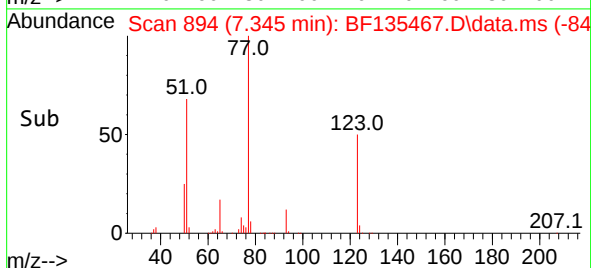
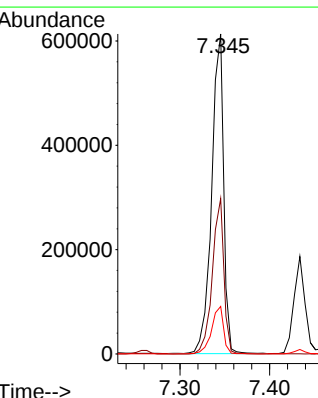
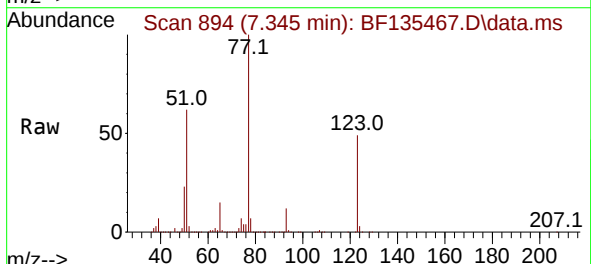
Tgt Ion: 77 Resp: 568788

Ion Ratio Lower Upper

77 100

123 48.5 37.6 56.4

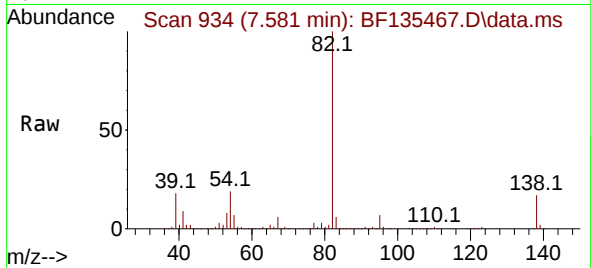
65 14.8 12.2 18.4





#25  
Isophorone  
Concen: 48.704 ng  
RT: 7.581 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

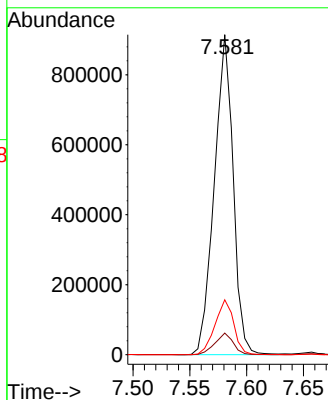
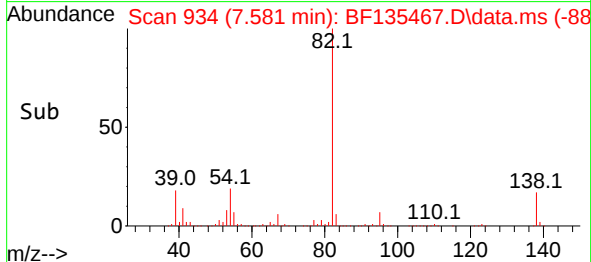
Instrument :  
BNA\_F  
ClientSampleId :  
PB155849BS



Tgt Ion: 82 Resp: 105496  
Ion Ratio Lower Upper  
82 100  
95 6.8 6.0 9.0  
138 17.2 14.5 21.7

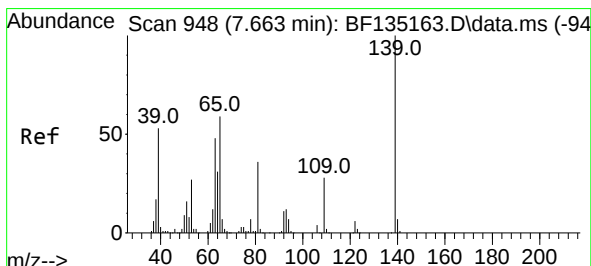
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



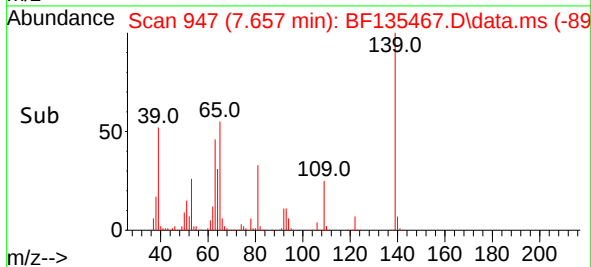
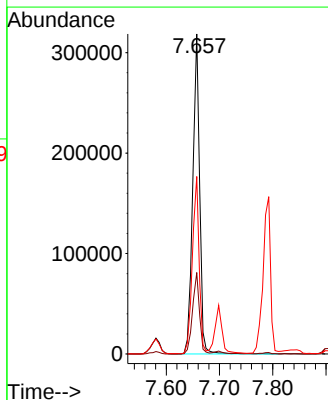
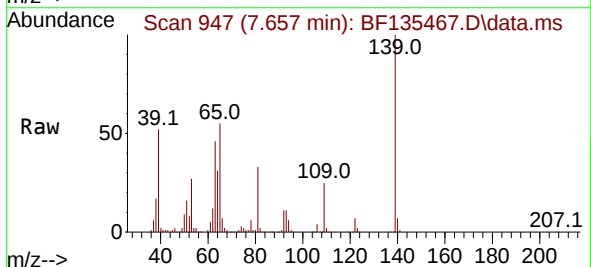
09/28/2023  
Supervised By :mohammad  
ahmed

09/29/2023



#26  
2-Nitrophenol  
Concen: 51.470 ng  
RT: 7.657 min Scan# 947  
Delta R.T. -0.000 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

Tgt Ion:139 Resp: 288016  
Ion Ratio Lower Upper  
139 100  
109 25.5 22.6 33.8  
65 55.4 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 45.814 ng

RT: 7.698 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF135467.D

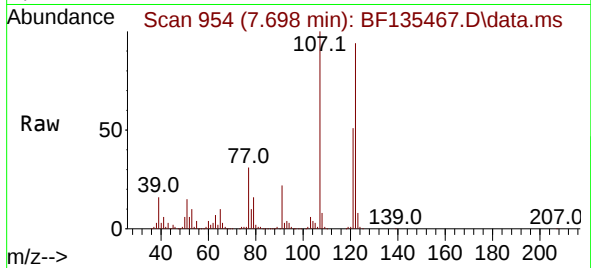
Acq: 27 Sep 2023 12:02

Instrument :

BNA\_F

ClientSampleId :

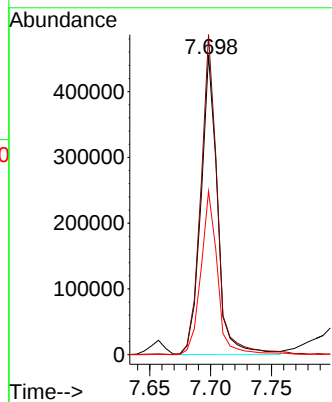
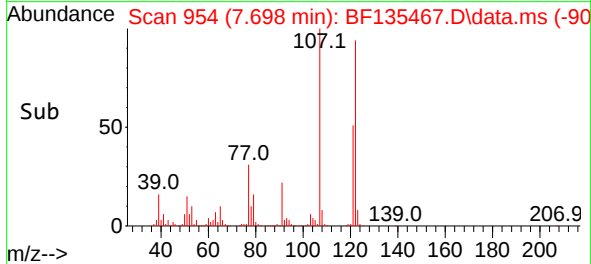
PB155849BS



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 106.8 | 90.2  | 135.4 |
| 121     | 54.6  | 46.3  | 69.5  |

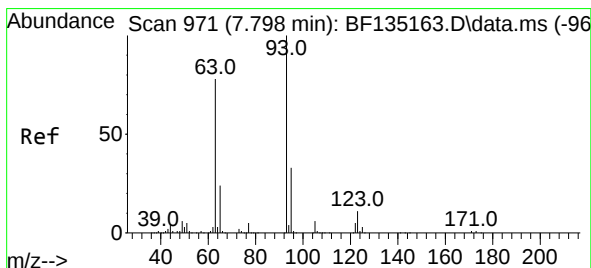
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



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Supervised By :mohammad  
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09/29/2023



#28

bis(2-Chloroethoxy)methane

Concen: 49.649 ng

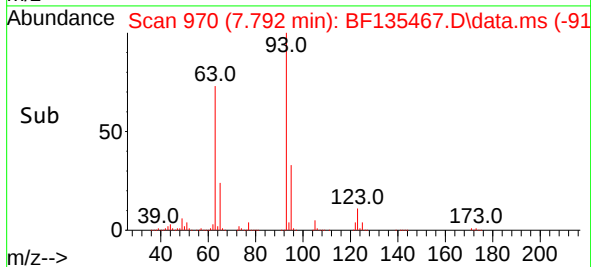
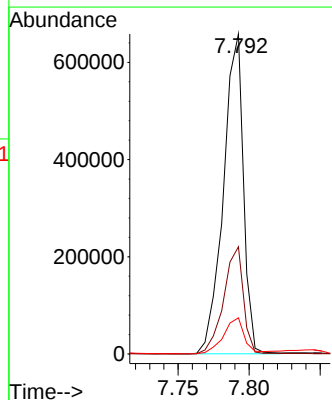
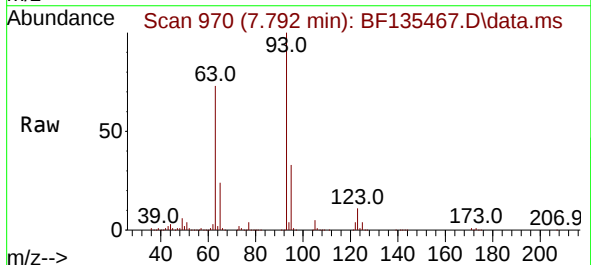
RT: 7.792 min Scan# 970

Delta R.T. 0.006 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.5  | 26.2  | 39.2  |
| 123     | 11.3  | 8.8   | 13.2  |





#29

2,4-Dichlorophenol

Concen: 48.058 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.006 min

Lab File: BF135467.D

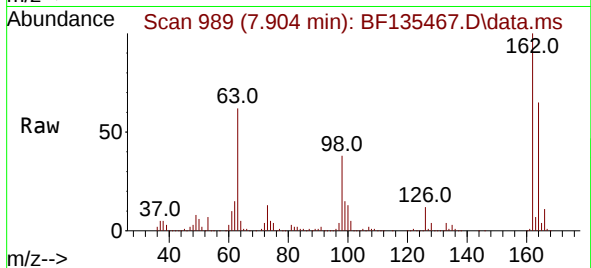
Acq: 27 Sep 2023 12:02

Instrument :

BNA\_F

ClientSampleId :

PB155849BS

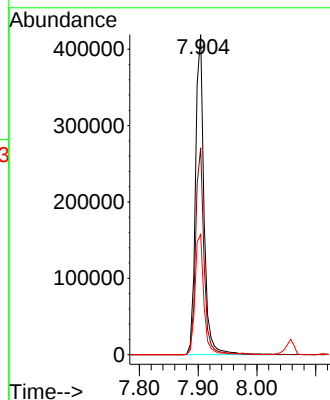


|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 418850 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 64.6  | 44.1  | 84.1   |
| 98        | 37.5  | 20.3  | 60.3   |

Manual Integrations

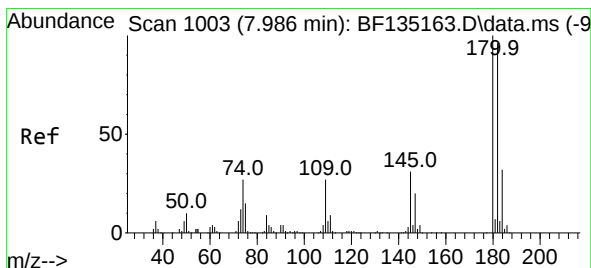
APPROVED

Reviewed By :Yogesh  
Patel



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Supervised By :mohammad  
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#30

1,2,4-Trichlorobenzene

Concen: 47.866 ng

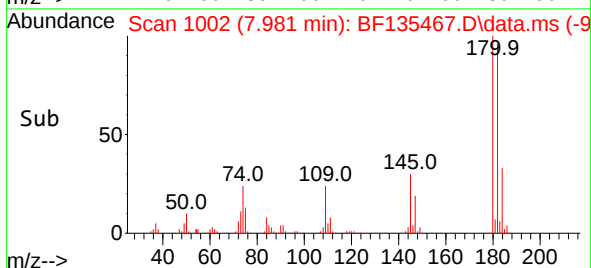
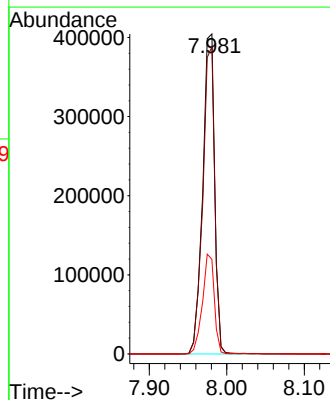
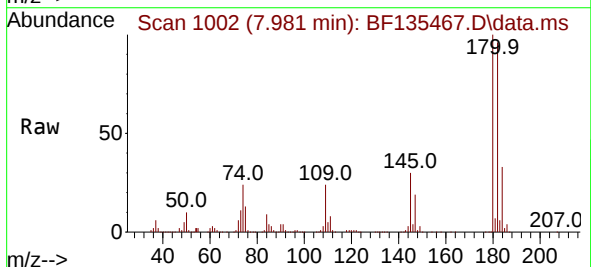
RT: 7.981 min Scan# 1002

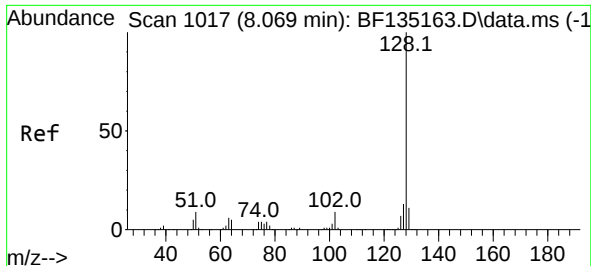
Delta R.T. 0.006 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 436053 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.0  | 76.9  | 115.3  |
| 145       | 29.5  | 24.5  | 36.7   |





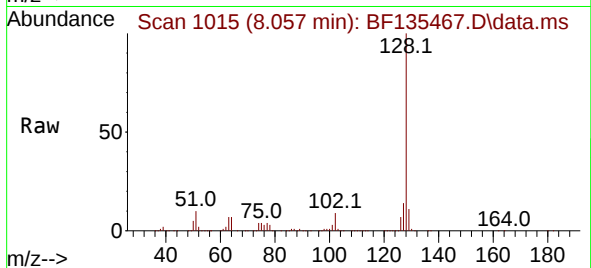
#31  
Naphthalene  
Concen: 47.004 ng  
RT: 8.057 min Scan# 1017  
Delta R.T. -0.000 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

Instrument :

BNA\_F

ClientSampleId :

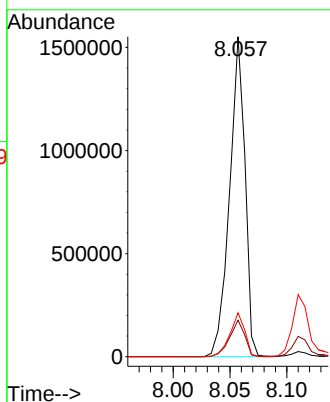
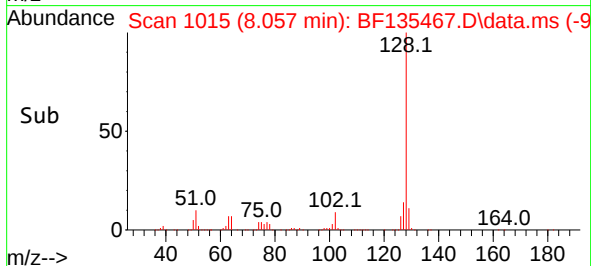
PB155849BS



Tgt Ion:128 Resp: 1463619  
Ion Ratio Lower Upper  
128 100  
129 11.4 8.7 13.1  
127 13.7 10.7 16.1

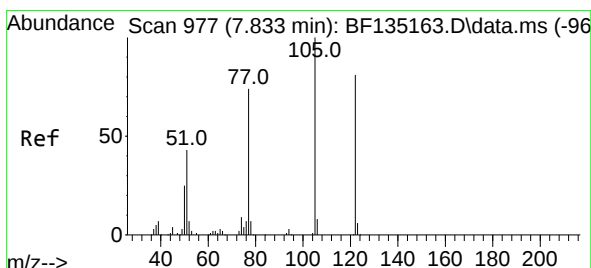
Manual Integrations  
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Reviewed By :Yogesh  
Patel



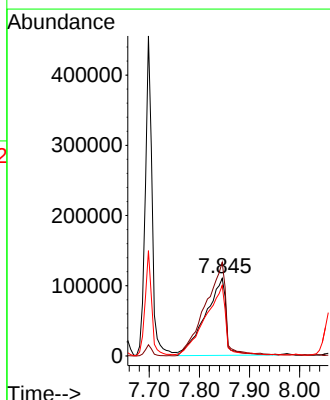
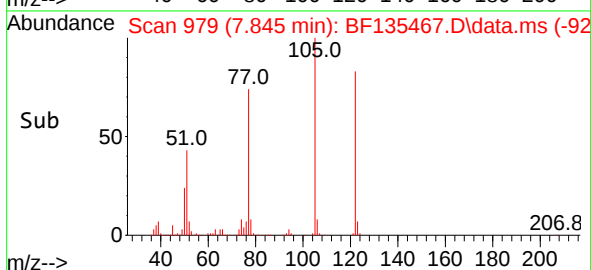
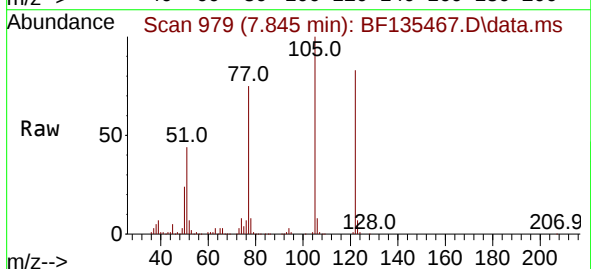
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Supervised By :mohammad  
ahmed

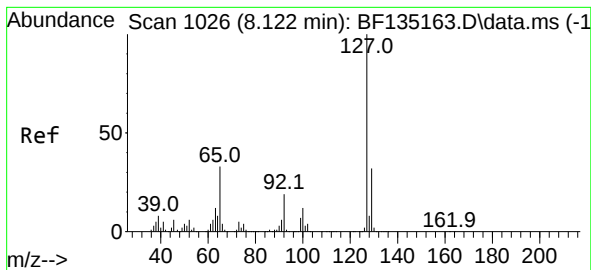
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#32  
Benzoic acid  
Concen: 44.794 ng  
RT: 7.845 min Scan# 979  
Delta R.T. 0.018 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

Tgt Ion:122 Resp: 317259  
Ion Ratio Lower Upper  
122 100  
105 120.6 99.9 139.9  
77 90.8 70.0 110.0





#33  
4-Chloroaniline  
Concen: 23.341 ng  
RT: 8.110 min Scan# 1026  
Delta R.T. -0.000 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

Instrument :

BNA\_F

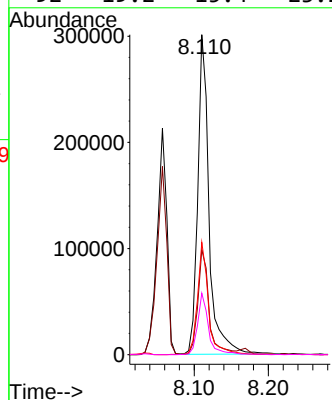
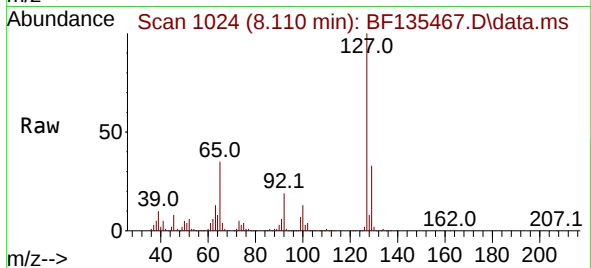
ClientSampleId :

PB155849BS

Tgt Ion:127 Resp: 318880  
Ion Ratio Lower Upper  
127 100  
129 32.8 25.8 38.8  
65 35.1 26.6 39.8  
92 19.2 15.4 23.2

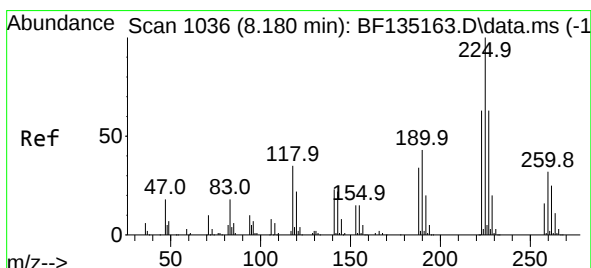
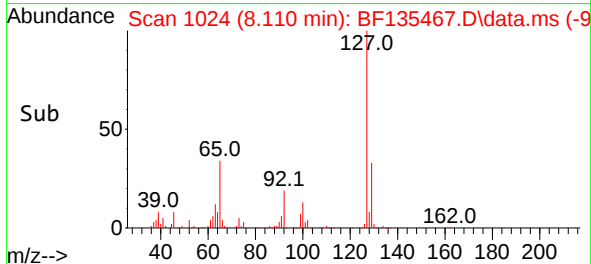
Manual Integrations  
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Reviewed By :Yogesh  
Patel



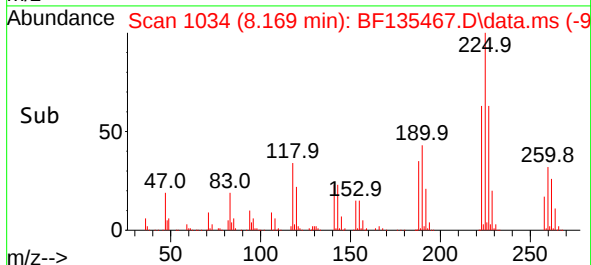
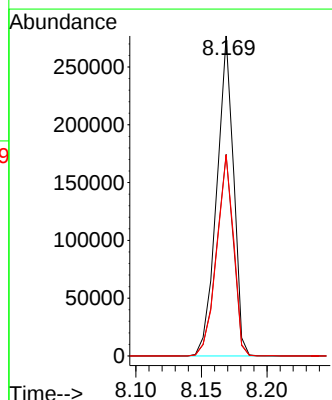
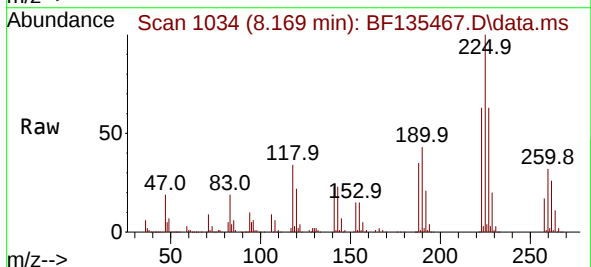
09/28/2023  
Supervised By :mohammad  
ahmed

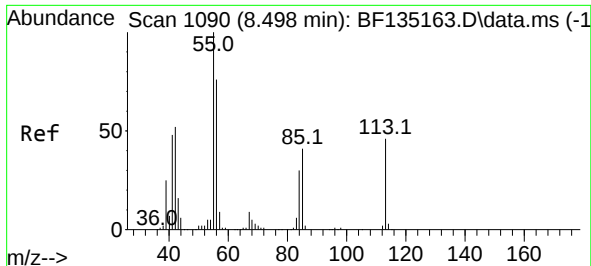
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#34  
Hexachlorobutadiene  
Concen: 44.870 ng  
RT: 8.169 min Scan# 1034  
Delta R.T. -0.000 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

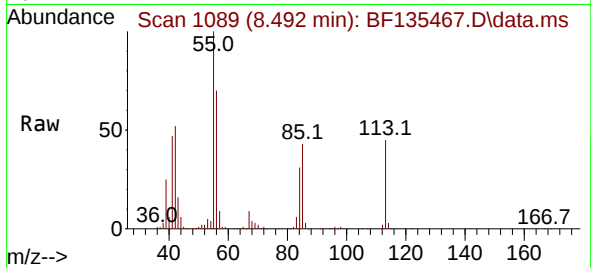
Tgt Ion:225 Resp: 246474  
Ion Ratio Lower Upper  
225 100  
223 63.0 50.6 75.8  
227 62.8 50.8 76.2





#35  
Caprolactam  
Concen: 49.736 ng m  
RT: 8.492 min Scan# 1090  
Delta R.T. -0.000 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

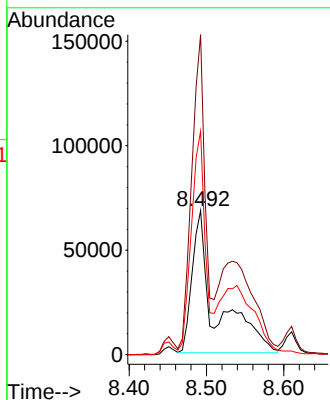
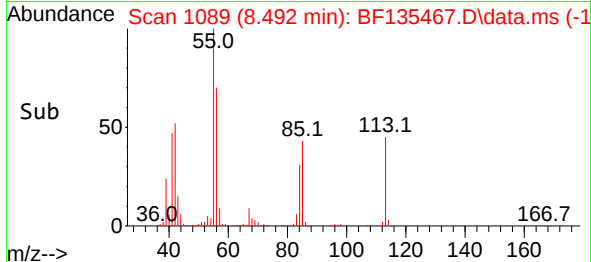
Instrument :  
BNA\_F  
ClientSampleId :  
PB155849BS



Tgt Ion:113 Resp: 14548  
Ion Ratio Lower Upper  
113 100  
55 222.1 199.3 239.3  
56 155.2 146.3 186.3

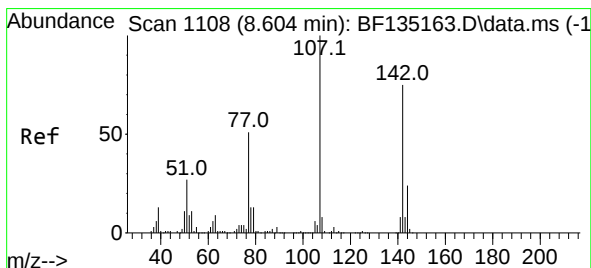
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



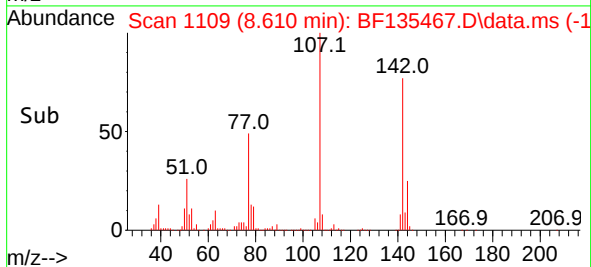
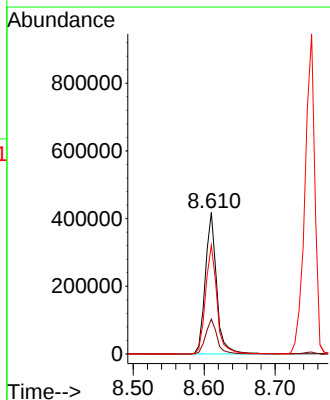
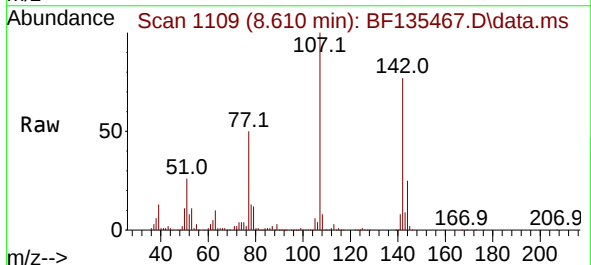
09/28/2023  
Supervised By :mohammad  
ahmed

09/29/2023



#36  
4-Chloro-3-methylphenol  
Concen: 47.873 ng  
RT: 8.610 min Scan# 1109  
Delta R.T. 0.006 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

Tgt Ion:107 Resp: 463730  
Ion Ratio Lower Upper  
107 100  
144 24.7 19.0 28.4  
142 76.9 60.2 90.2





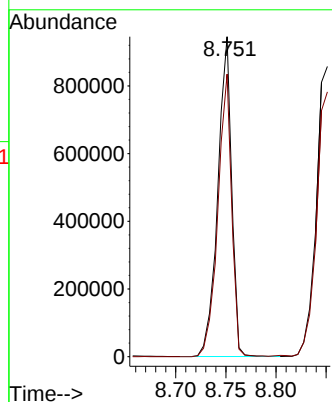
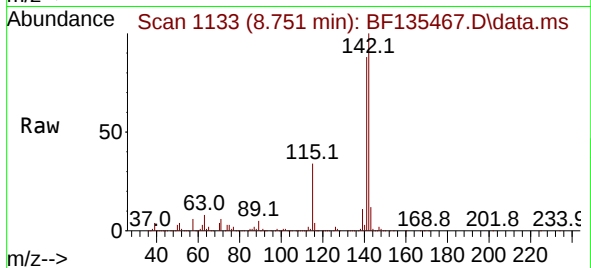
#37  
2-Methylnaphthalene  
Concen: 43.340 ng  
RT: 8.751 min Scan# 1133  
Delta R.T. -0.000 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB155849BS

Tgt Ion:142 Resp: 907139  
Ion Ratio Lower Upper  
142 100  
141 88.3 71.0 106.6

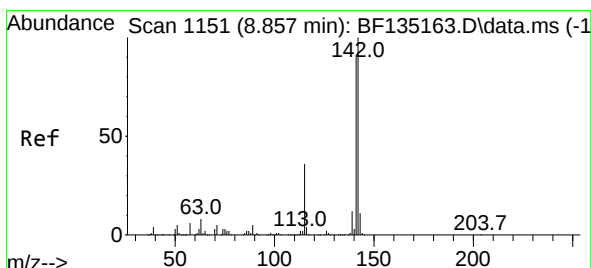
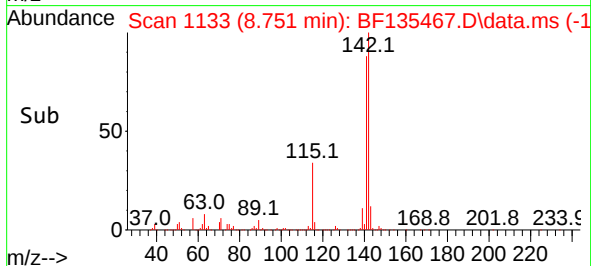
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



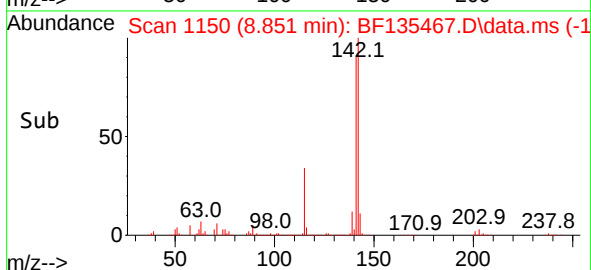
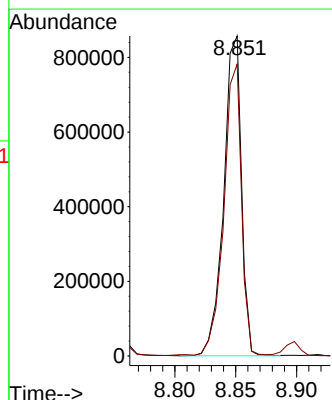
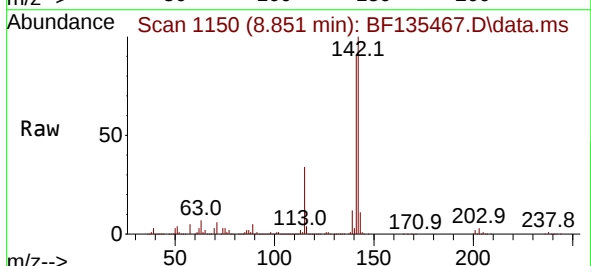
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ahmed

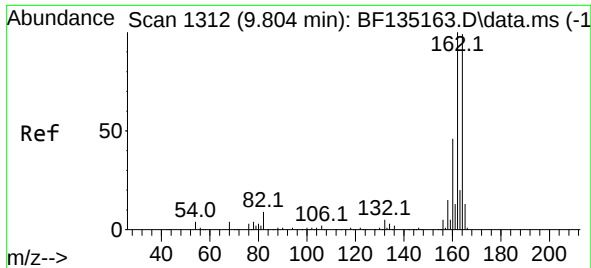
09/29/2023



#38  
1-Methylnaphthalene  
Concen: 44.407 ng  
RT: 8.851 min Scan# 1150  
Delta R.T. 0.006 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

Tgt Ion:142 Resp: 870211  
Ion Ratio Lower Upper  
142 100  
141 91.2 72.4 108.6





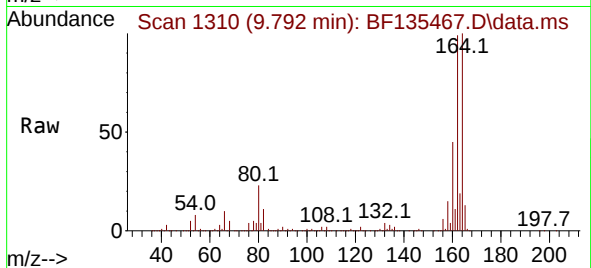
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.792 min Scan# 1161  
Delta R.T. -0.000 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

Instrument :

BNA\_F

ClientSampleId :

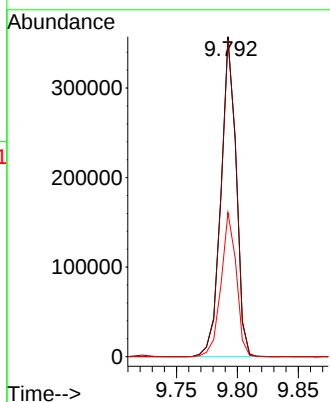
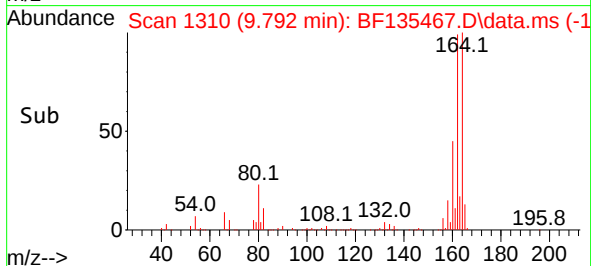
PB155849BS



Tgt Ion:164 Resp: 309872  
Ion Ratio Lower Upper  
164 100  
162 99.1 81.0 121.4  
160 45.0 37.0 55.4

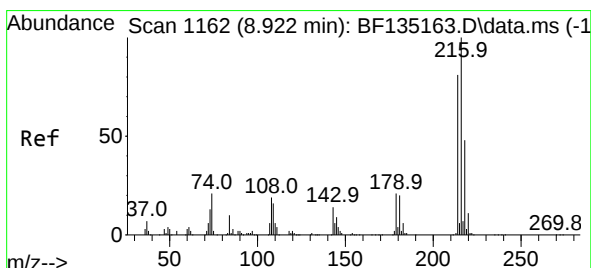
Manual Integrations  
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Patel

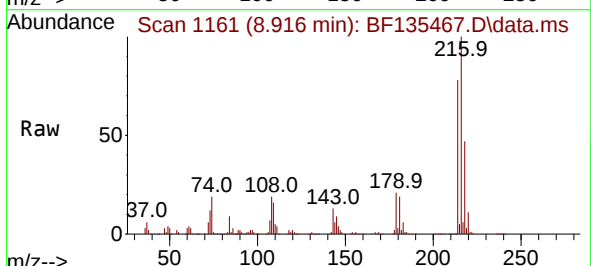


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Supervised By :mohammad  
ahmed

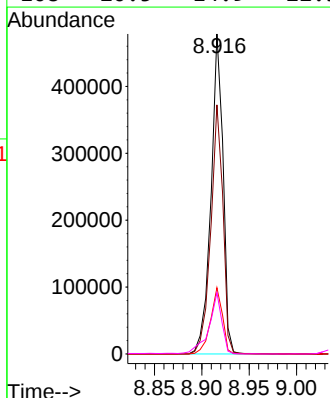
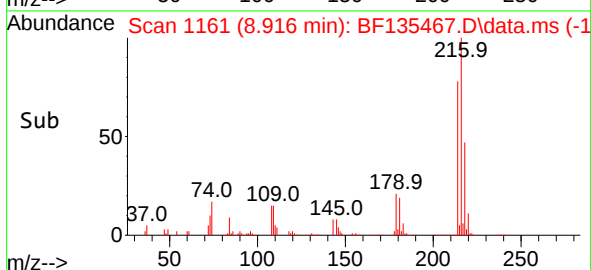
09/29/2023



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 47.310 ng  
RT: 8.916 min Scan# 1161  
Delta R.T. -0.000 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02



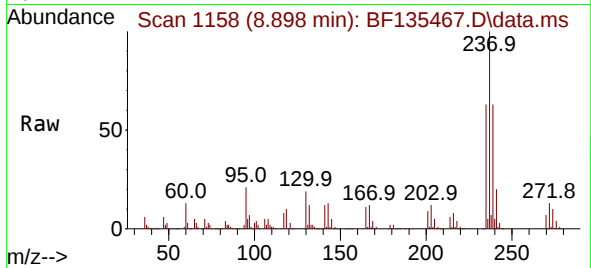
Tgt Ion:216 Resp: 424710  
Ion Ratio Lower Upper  
216 100  
214 78.0 63.7 95.5  
179 20.5 16.7 25.1  
108 20.5 14.9 22.3





#41  
Hexachlorocyclopentadiene  
Concen: 66.581 ng  
RT: 8.898 min Scan# 1158  
Delta R.T. -0.000 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

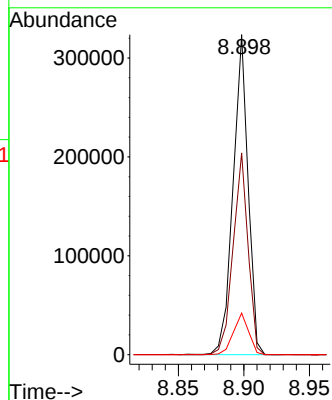
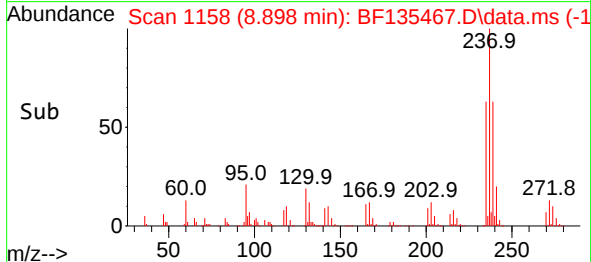
Instrument :  
BNA\_F  
ClientSampleId :  
PB155849BS



Tgt Ion:237 Resp: 257974  
Ion Ratio Lower Upper  
237 100  
235 63.1 41.8 81.8  
272 13.0 0.0 33.6

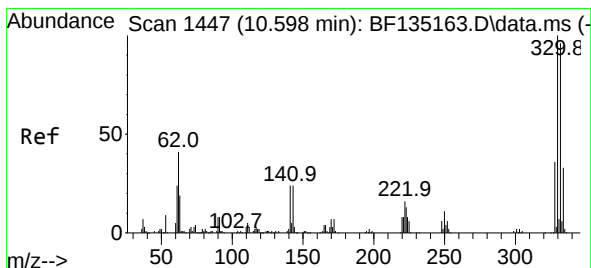
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel

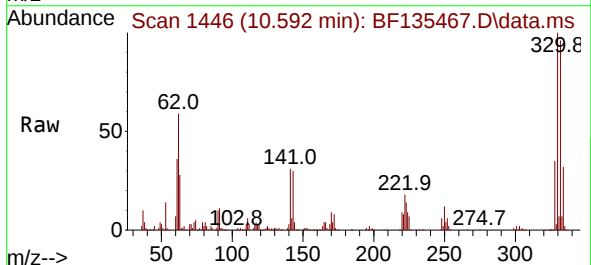


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Supervised By :mohammad  
ahmed

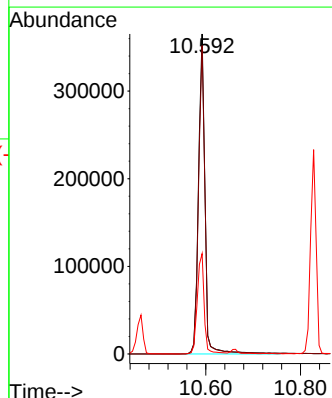
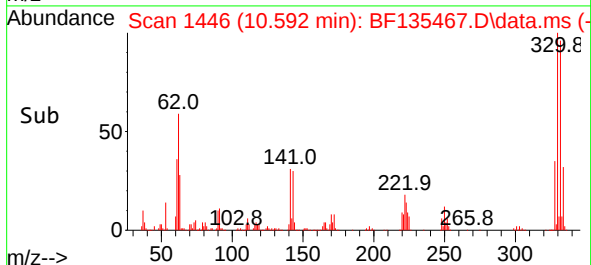
09/29/2023

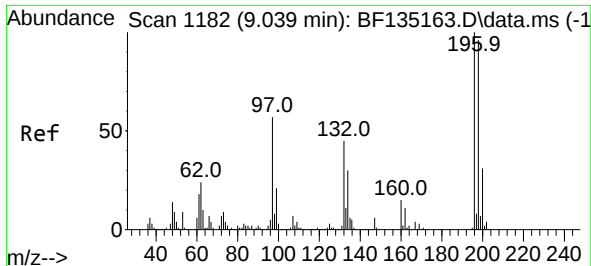


#42  
2,4,6-Tribromophenol  
Concen: 113.085 ng  
RT: 10.592 min Scan# 1446  
Delta R.T. 0.006 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02



Tgt Ion:330 Resp: 348231  
Ion Ratio Lower Upper  
330 100  
332 95.9 77.3 115.9  
141 33.6 25.8 38.8





#43  
2,4,6-Trichlorophenol  
Concen: 47.041 ng  
RT: 9.034 min Scan# 1182  
Delta R.T. -0.000 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

Instrument :

BNA\_F

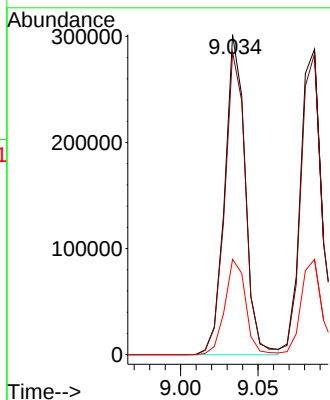
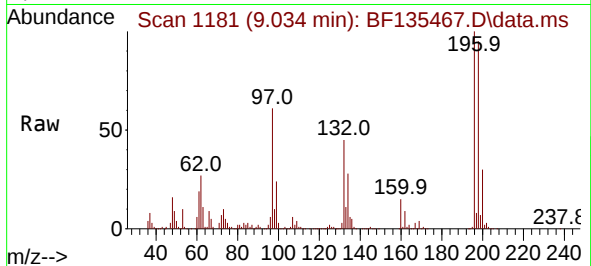
ClientSampleId :

PB155849BS

Tgt Ion:196 Resp: 276495  
Ion Ratio Lower Upper  
196 100  
198 94.6 77.0 115.6  
200 29.8 24.5 36.7

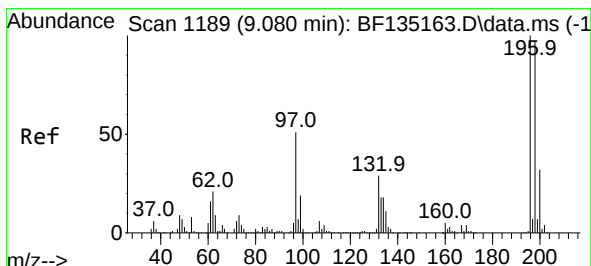
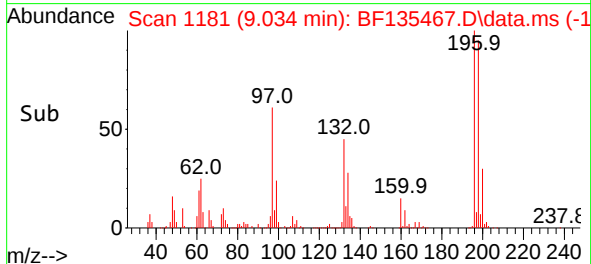
Manual Integrations  
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Reviewed By :Yogesh  
Patel



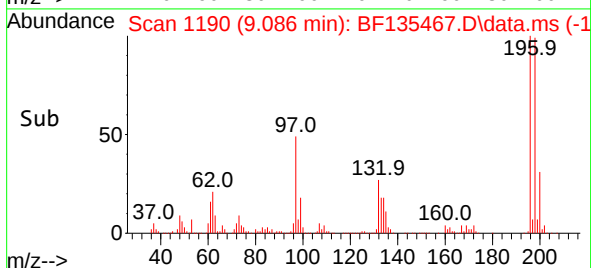
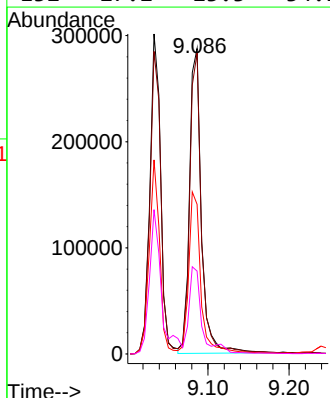
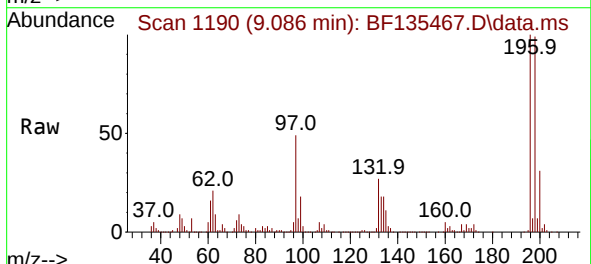
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Supervised By :mohammad  
ahmed

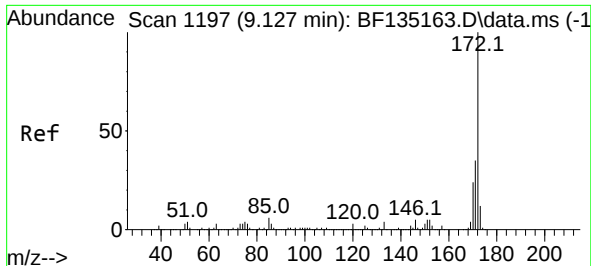
09/29/2023



#44  
2,4,5-Trichlorophenol  
Concen: 43.208 ng  
RT: 9.086 min Scan# 1190  
Delta R.T. 0.012 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

Tgt Ion:196 Resp: 292473  
Ion Ratio Lower Upper  
196 100  
198 98.5 77.5 116.3  
97 49.0 40.5 60.7  
132 27.2 23.3 34.9





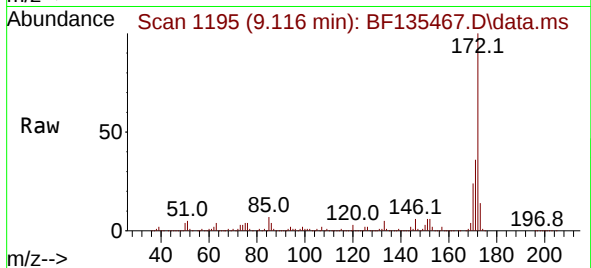
#45  
2-Fluorobiphenyl  
Concen: 83.122 ng  
RT: 9.116 min Scan# 1195  
Delta R.T. -0.000 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

Instrument :

BNA\_F

ClientSampleId :

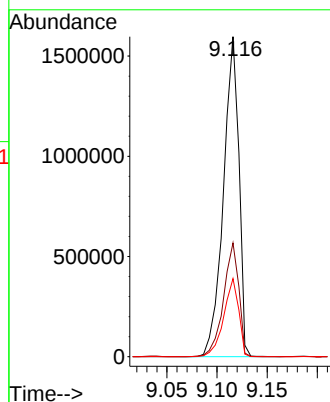
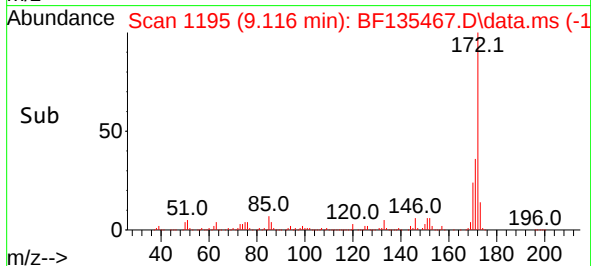
PB155849BS



Tgt Ion:172 Resp: 170721  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.4 42.6  
170 24.4 19.0 28.4

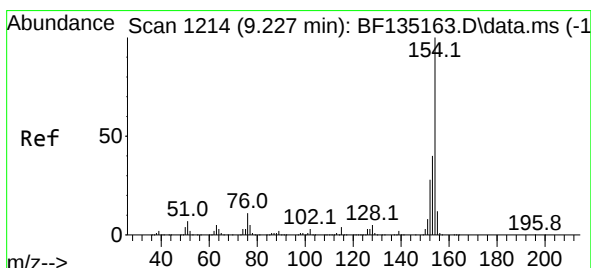
Manual Integrations  
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Reviewed By :Yogesh  
Patel

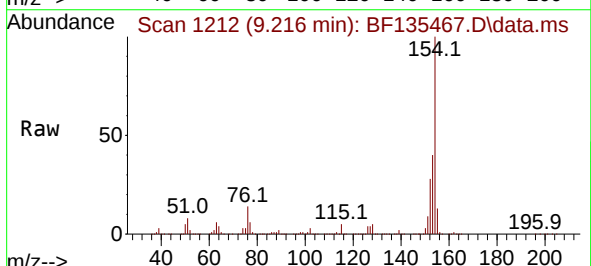


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Supervised By :mohammad  
ahmed

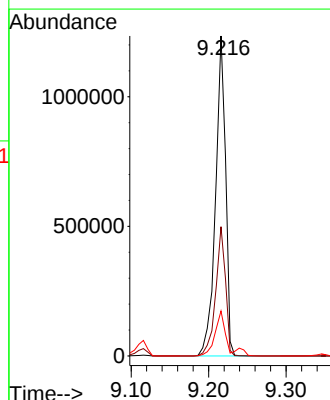
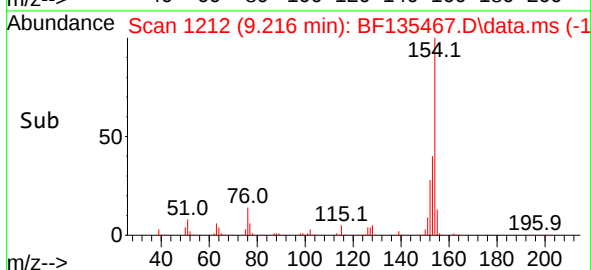
09/29/2023

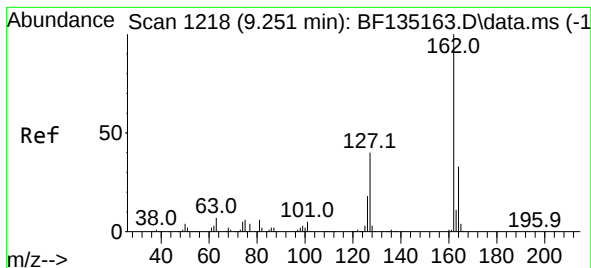


#46  
1,1'-Biphenyl  
Concen: 46.734 ng  
RT: 9.216 min Scan# 1212  
Delta R.T. -0.000 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02



Tgt Ion:154 Resp: 1112882  
Ion Ratio Lower Upper  
154 100  
153 40.4 19.6 59.6  
76 14.1 0.0 31.0





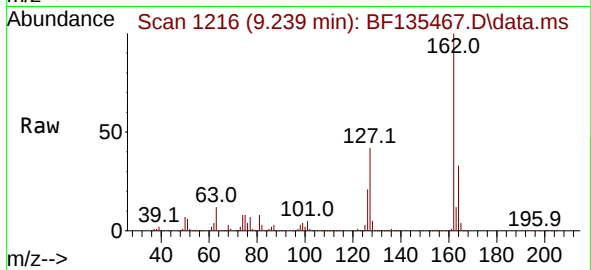
#47  
2-Chloronaphthalene  
Concen: 48.603 ng  
RT: 9.239 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

Instrument :

BNA\_F

ClientSampleId :

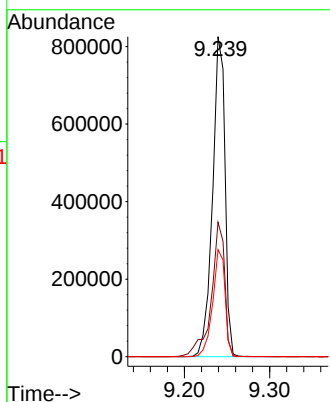
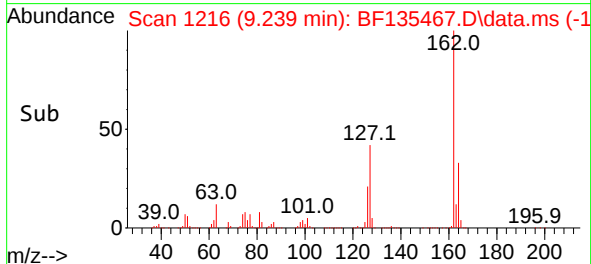
PB155849BS



Tgt Ion:162 Resp: 83974  
Ion Ratio Lower Upper  
162 100  
127 42.0 32.6 48.8  
164 33.5 26.2 39.2

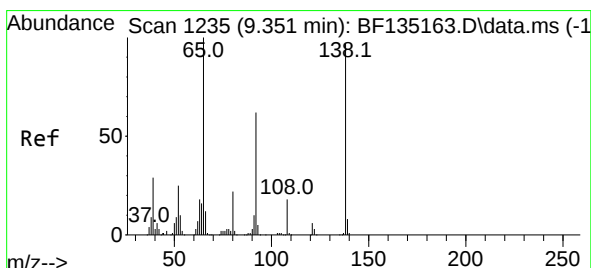
Manual Integrations  
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Patel



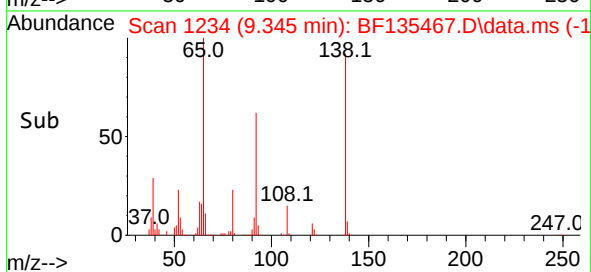
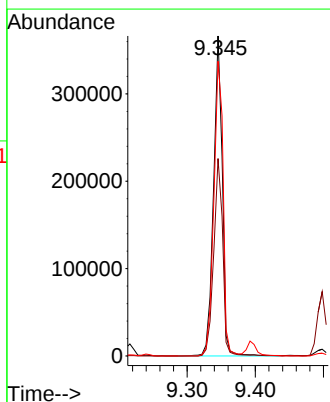
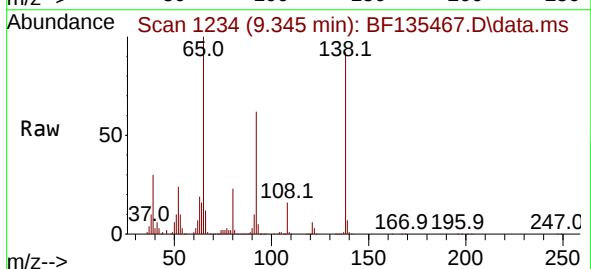
09/28/2023  
Supervised By :mohammad  
ahmed

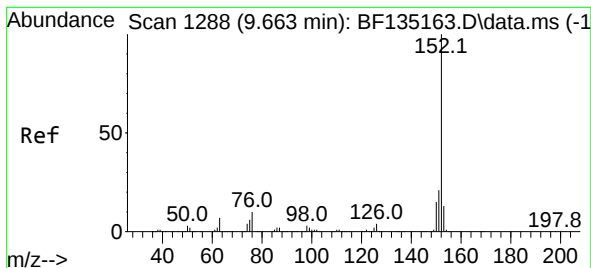
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#48  
2-Nitroaniline  
Concen: 48.912 ng  
RT: 9.345 min Scan# 1234  
Delta R.T. -0.000 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

Tgt Ion: 65 Resp: 328314  
Ion Ratio Lower Upper  
65 100  
92 61.7 49.4 74.0  
138 92.1 77.4 116.0





#49

Acenaphthylene

Concen: 46.972 ng

RT: 9.657 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135467.D

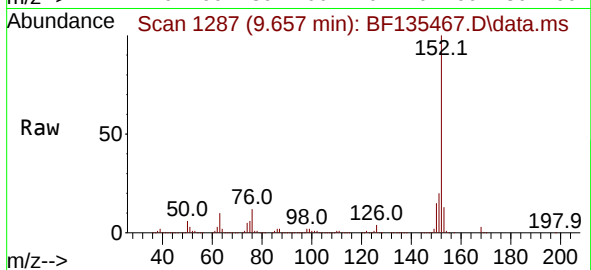
Acq: 27 Sep 2023 12:02

Instrument :

BNA\_F

ClientSampleId :

PB155849BS



Tgt Ion:152 Resp: 134877

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

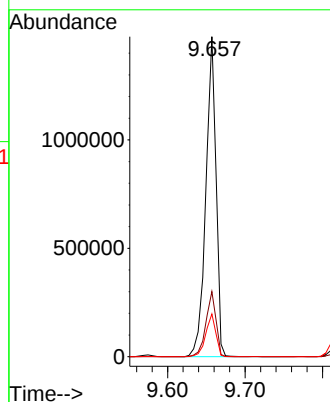
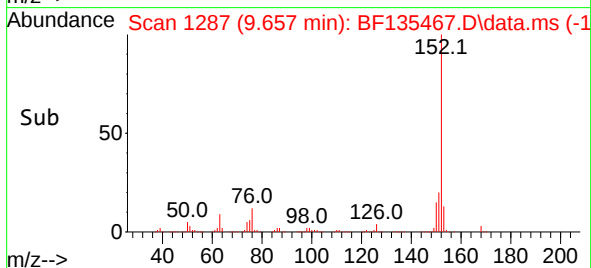
153 13.4 10.4 15.6

Manual Integrations

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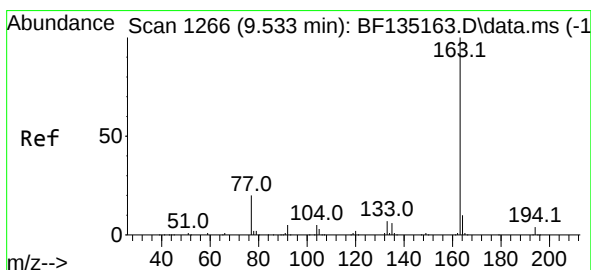
Patel



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#50

Dimethylphthalate

Concen: 46.440 ng

RT: 9.522 min Scan# 1264

Delta R.T. -0.000 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

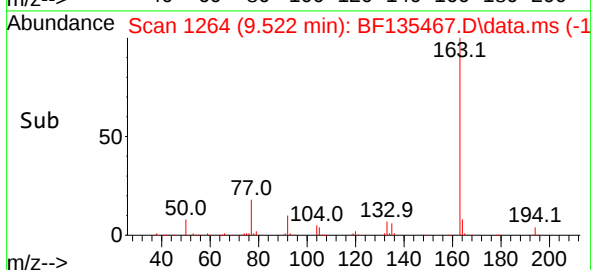
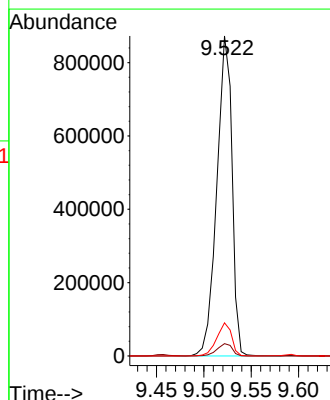
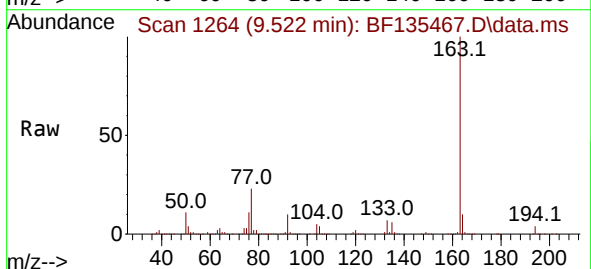
Tgt Ion:163 Resp: 972950

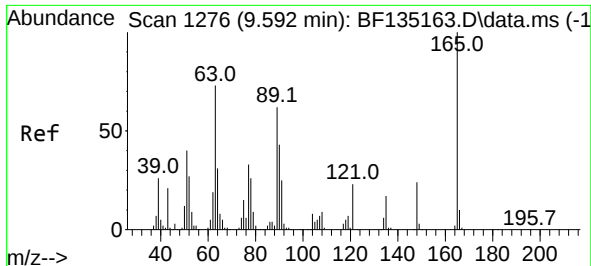
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.3 8.1 12.1





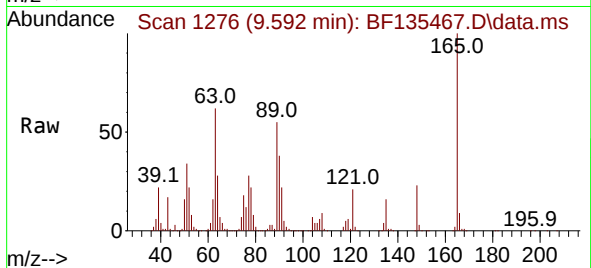
#51  
2,6-Dinitrotoluene  
Concen: 47.865 ng  
RT: 9.592 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

Instrument :

BNA\_F

ClientSampleId :

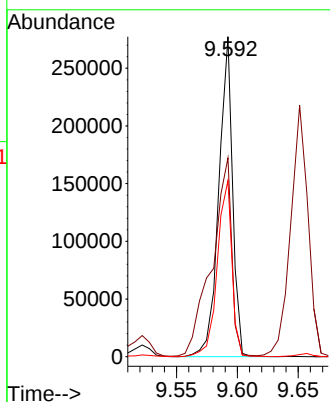
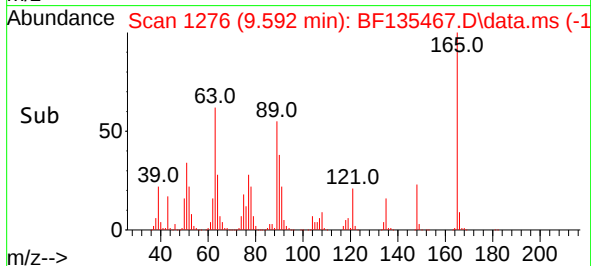
PB155849BS



Tgt Ion:165 Resp: 219679  
Ion Ratio Lower Upper  
165 100  
63 62.1 59.4 89.2  
89 55.0 49.8 74.8

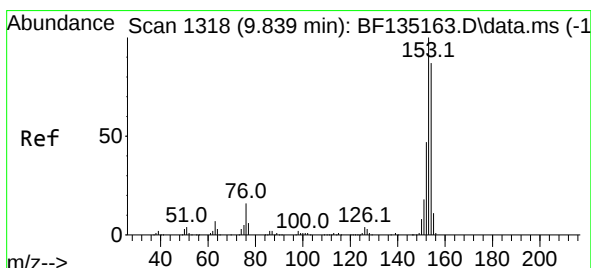
Manual Integrations  
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Patel



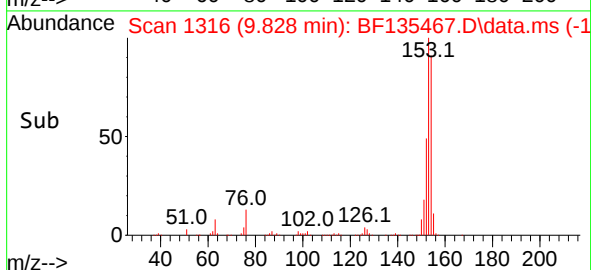
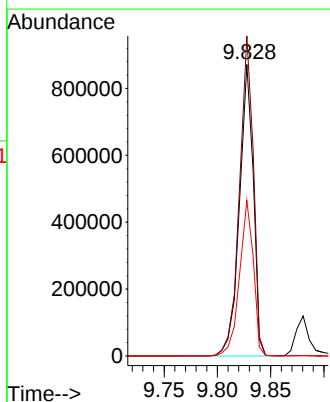
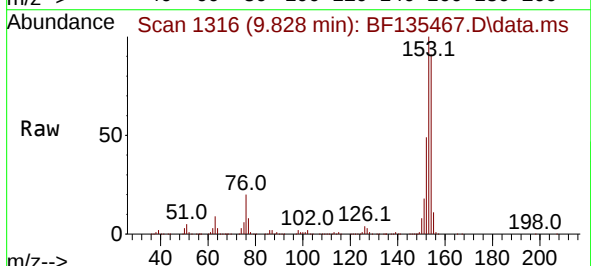
09/28/2023  
Supervised By :mohammad  
ahmed

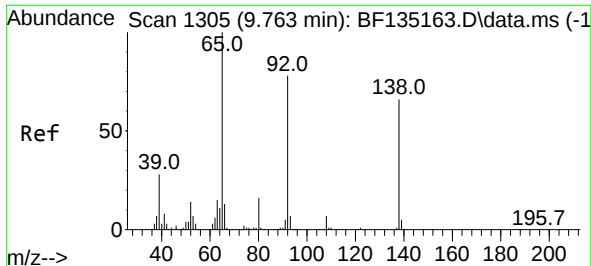
09/29/2023



#52  
Acenaphthene  
Concen: 46.699 ng  
RT: 9.828 min Scan# 1316  
Delta R.T. -0.000 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

Tgt Ion:154 Resp: 792159  
Ion Ratio Lower Upper  
154 100  
153 109.8 92.1 138.1  
152 53.3 43.1 64.7





#53  
3-Nitroaniline  
Concen: 34.033 ng  
RT: 9.763 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

Instrument :

BNA\_F

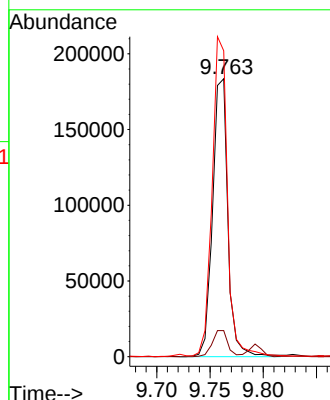
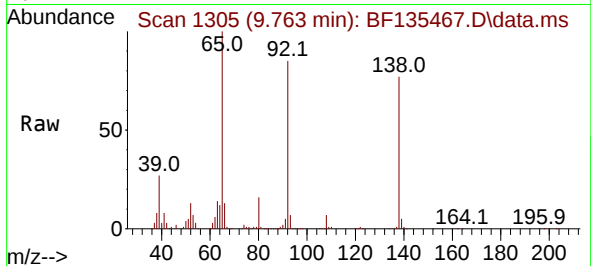
ClientSampleId :

PB155849BS

Tgt Ion:138 Resp: 183340  
Ion Ratio Lower Upper  
138 100  
108 9.4 8.5 12.7  
92 110.1 95.4 143.0

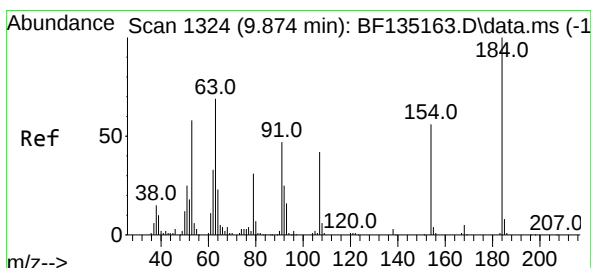
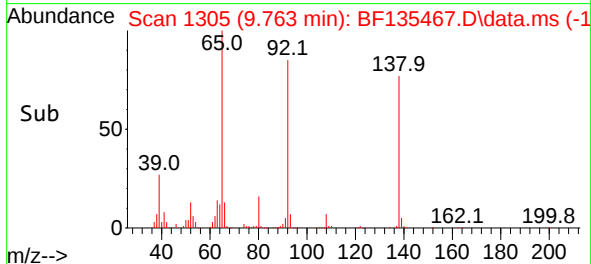
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



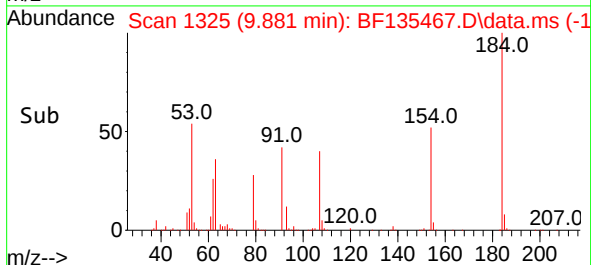
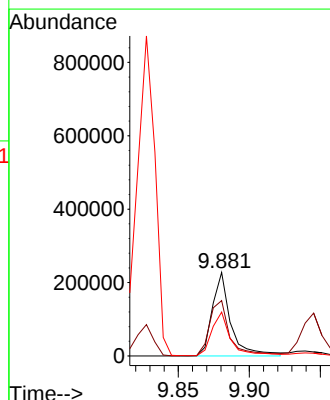
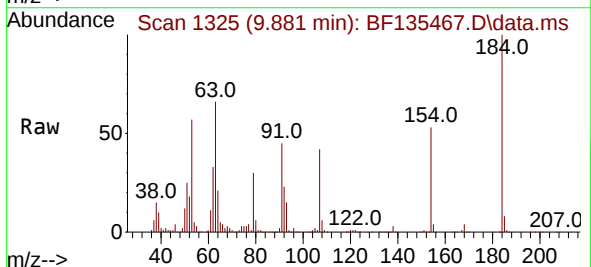
09/28/2023  
Supervised By :mohammad  
ahmed

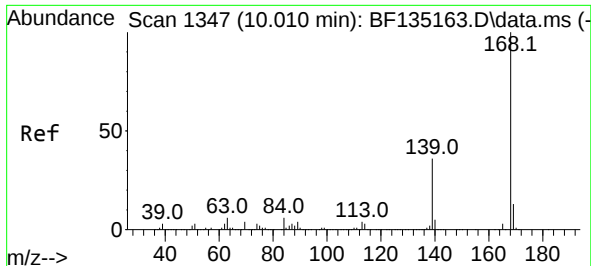
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#54  
2,4-Dinitrophenol  
Concen: 79.066 ng  
RT: 9.881 min Scan# 1325  
Delta R.T. 0.006 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

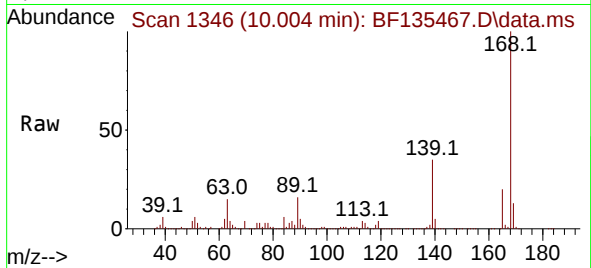
Tgt Ion:184 Resp: 205798  
Ion Ratio Lower Upper  
184 100  
63 66.3 55.1 82.7  
154 52.5 48.4 72.6





#55  
Dibenzenofuran  
Concen: 42.866 ng  
RT: 10.004 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

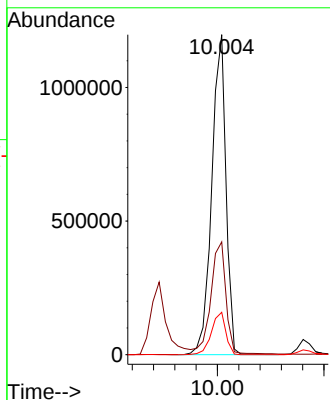
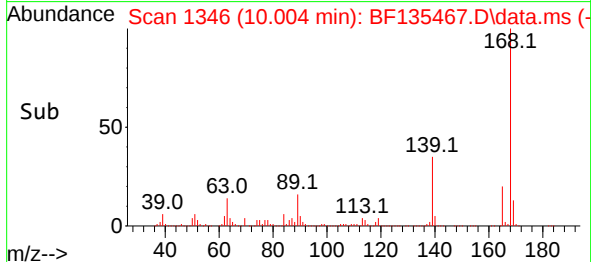
Instrument :  
BNA\_F  
ClientSampleId :  
PB155849BS



Tgt Ion:168 Resp: 1109580  
Ion Ratio Lower Upper  
168 100  
139 35.2 29.0 43.6  
169 13.2 10.4 15.6

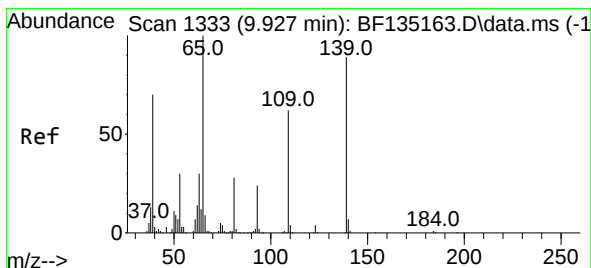
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel

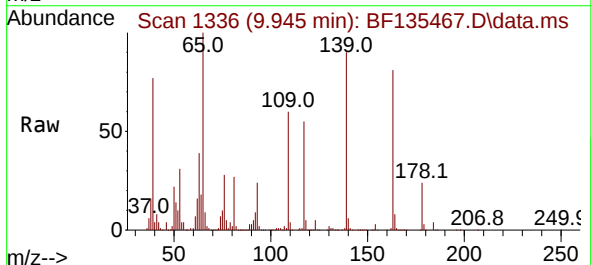


09/28/2023  
Supervised By :mohammad  
ahmed

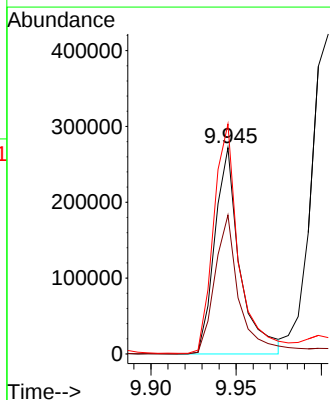
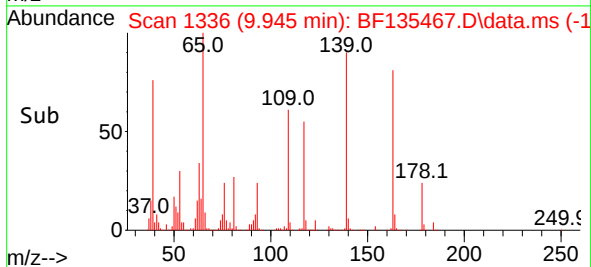
09/29/2023

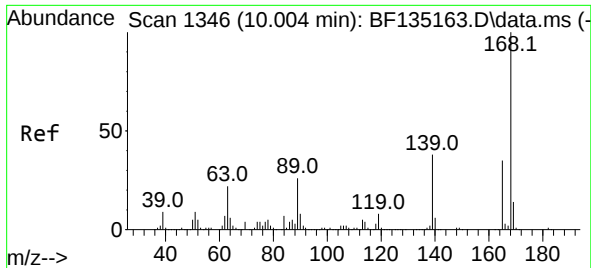


#56  
4-Nitrophenol  
Concen: 81.190 ng  
RT: 9.945 min Scan# 1336  
Delta R.T. 0.012 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02



Tgt Ion:139 Resp: 277990  
Ion Ratio Lower Upper  
139 100  
109 67.3 49.8 89.8  
65 111.4 92.7 132.7





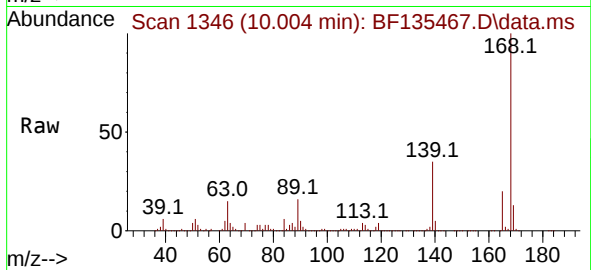
#57  
2,4-Dinitrotoluene  
Concen: 42.448 ng  
RT: 10.004 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

Instrument :

BNA\_F

ClientSampleId :

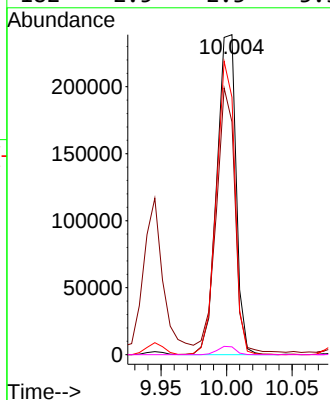
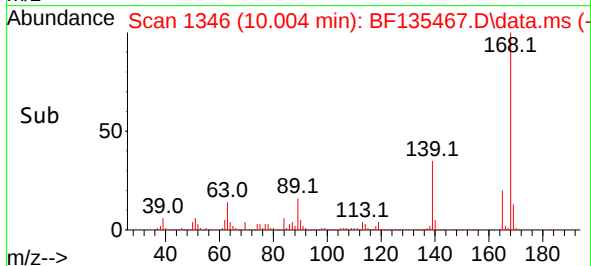
PB155849BS



Tgt Ion:165 Resp: 243892  
Ion Ratio Lower Upper  
165 100  
63 72.8 50.1 75.1  
89 80.5 59.3 88.9  
182 2.5 2.3 3.5

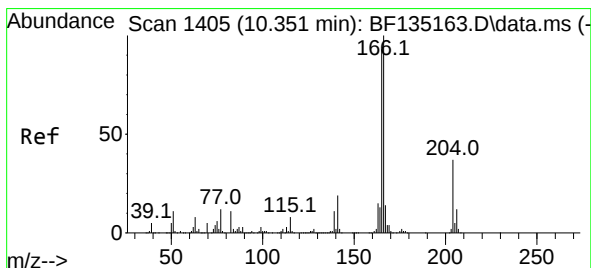
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



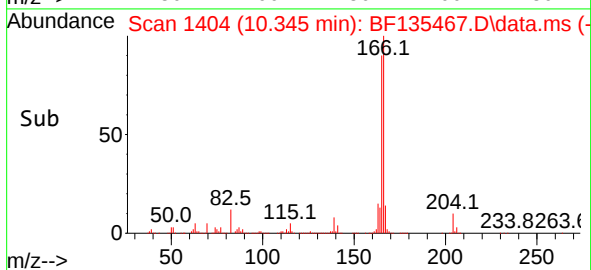
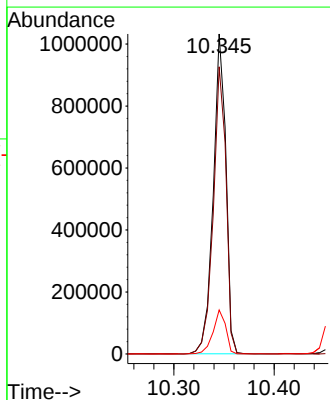
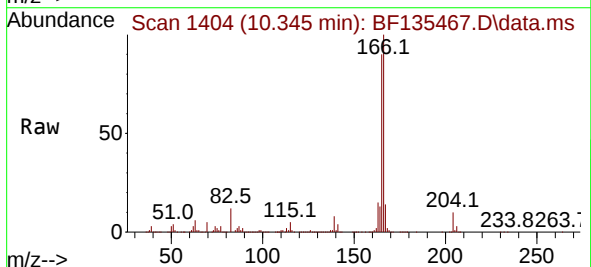
09/28/2023  
Supervised By :mohammad  
ahmed

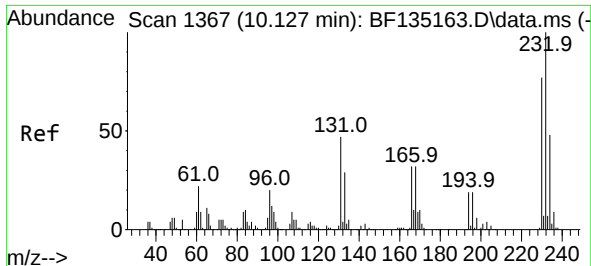
09/29/2023



#58  
Fluorene  
Concen: 45.357 ng  
RT: 10.345 min Scan# 1404  
Delta R.T. -0.000 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

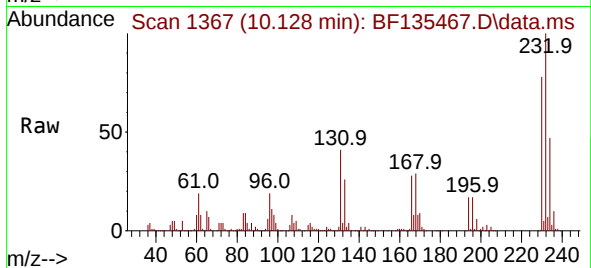
Tgt Ion:166 Resp: 902583  
Ion Ratio Lower Upper  
166 100  
165 89.7 74.3 111.5  
167 13.7 10.9 16.3





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 45.054 ng  
RT: 10.128 min Scan# 1367  
Delta R.T. 0.006 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

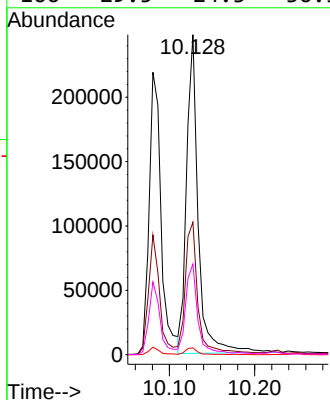
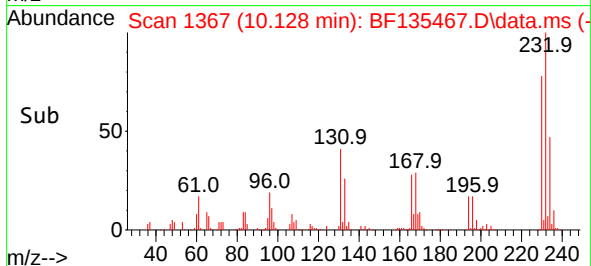
Instrument :  
BNA\_F  
ClientSampleId :  
PB155849BS



Tgt Ion:232 Resp: 234594  
Ion Ratio Lower Upper  
232 100  
131 44.4 35.4 53.2  
130 2.1 1.8 2.8  
166 29.5 24.3 36.5

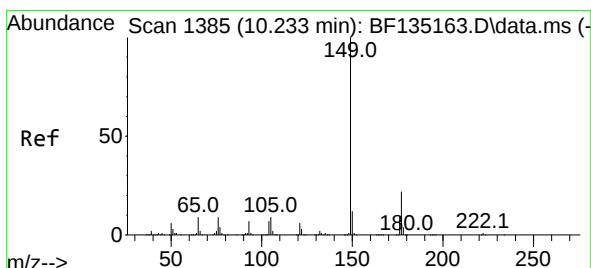
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



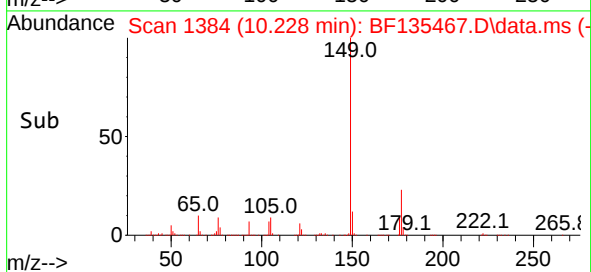
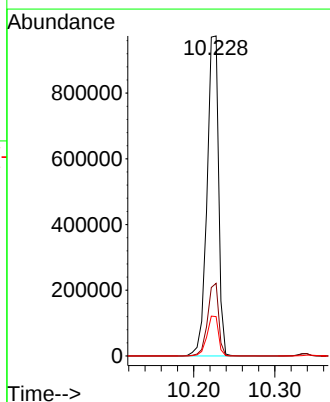
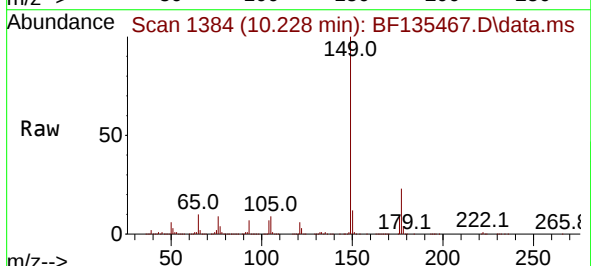
09/28/2023  
Supervised By :mohammad  
ahmed

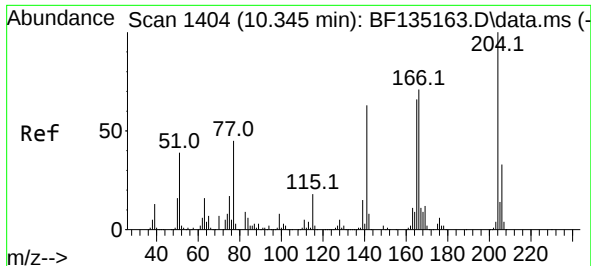
09/29/2023



#60  
Diethylphthalate  
Concen: 45.452 ng  
RT: 10.228 min Scan# 1384  
Delta R.T. 0.006 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

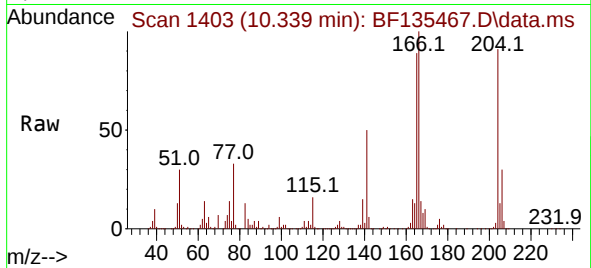
Tgt Ion:149 Resp: 955653  
Ion Ratio Lower Upper  
149 100  
177 22.7 17.8 26.6  
150 12.3 10.0 15.0





#61  
4-Chlorophenyl-phenylether  
Concen: 43.272 ng  
RT: 10.339 min Scan# 1404  
Delta R.T. 0.006 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

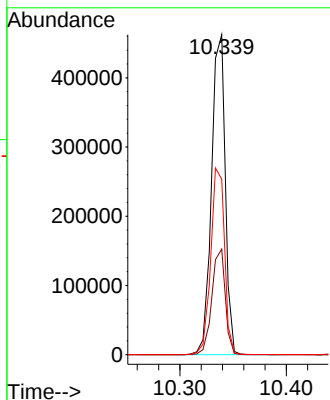
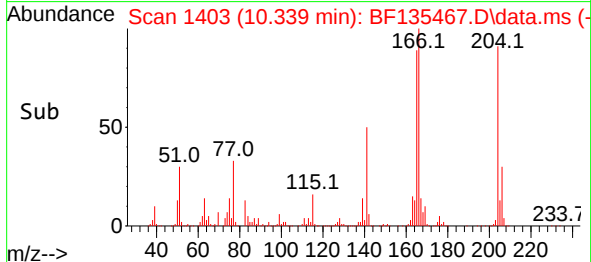
Instrument :  
BNA\_F  
ClientSampleId :  
PB155849BS



Tgt Ion:204 Resp: 413639  
Ion Ratio Lower Upper  
204 100  
206 33.0 26.7 40.1  
141 54.8 50.6 75.8

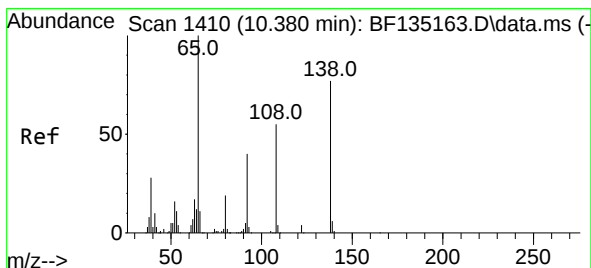
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



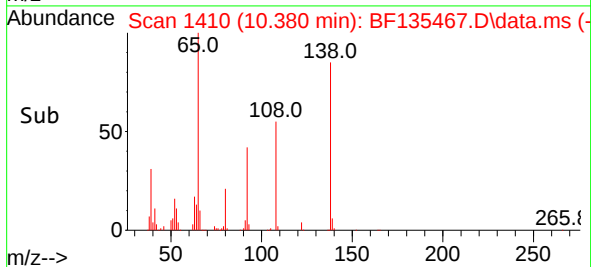
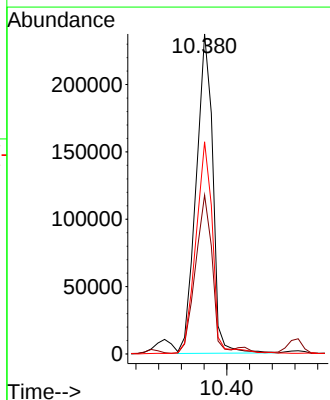
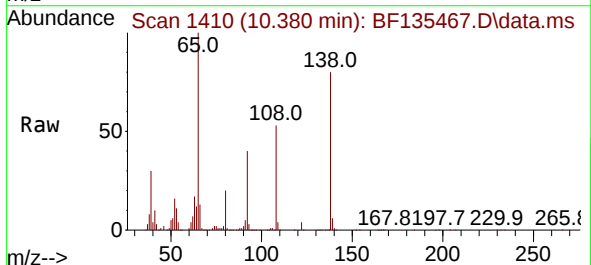
09/28/2023  
Supervised By :mohammad  
ahmed

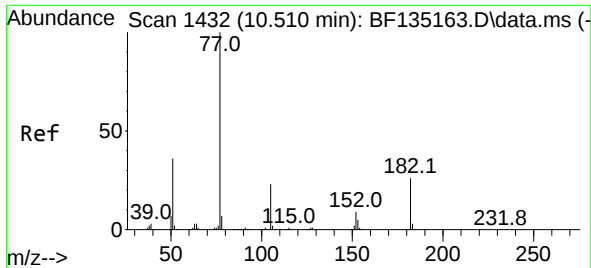
09/29/2023



#62  
4-Nitroaniline  
Concen: 46.633 ng  
RT: 10.380 min Scan# 1410  
Delta R.T. 0.006 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

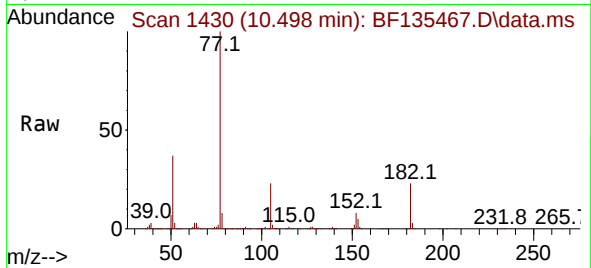
Tgt Ion:138 Resp: 241491  
Ion Ratio Lower Upper  
138 100  
92 49.6 31.8 71.8  
108 66.3 52.0 92.0





#63  
Azobenzene  
Concen: 47.977 ng  
RT: 10.498 min Scan# 1432  
Delta R.T. -0.000 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

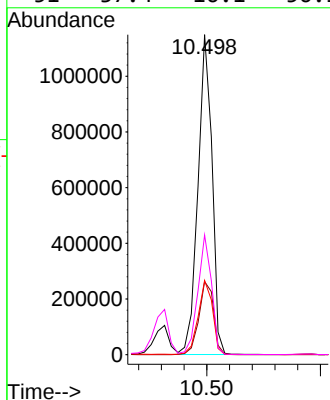
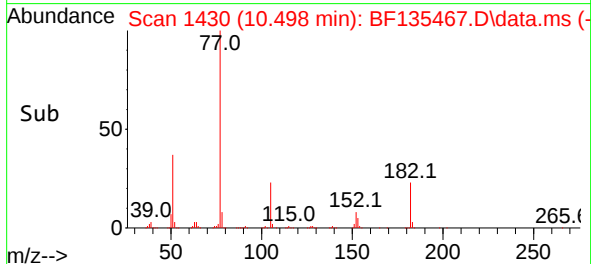
Instrument :  
BNA\_F  
ClientSampleId :  
PB155849BS



Tgt Ion: 77 Resp: 987250  
Ion Ratio Lower Upper  
77 100  
182 22.8 6.4 46.4  
105 23.2 3.1 43.1  
51 37.4 16.1 56.1

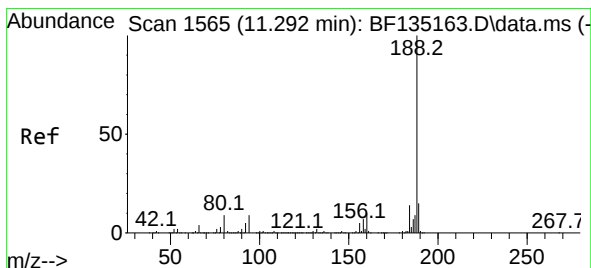
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel

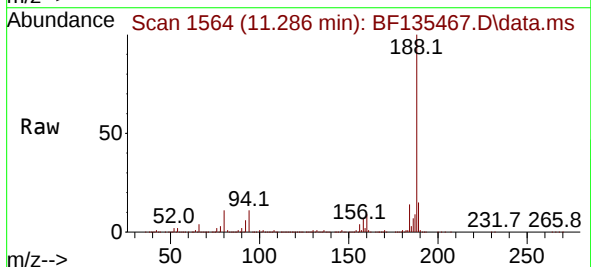


09/28/2023  
Supervised By :mohammad  
ahmed

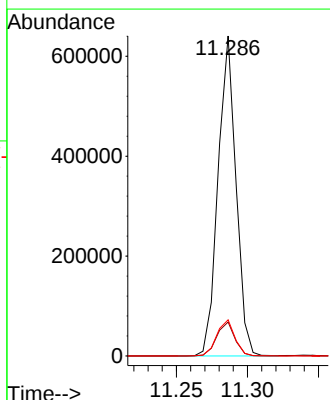
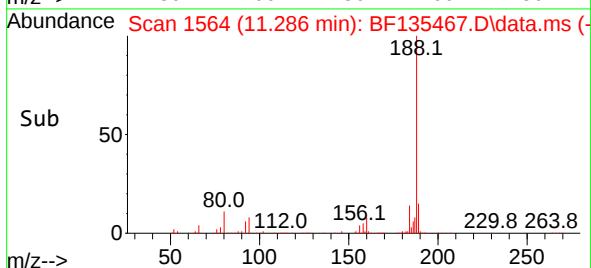
09/29/2023

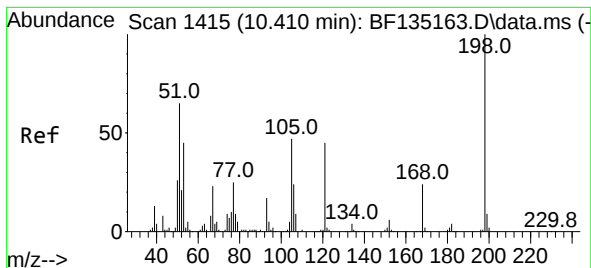


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.286 min Scan# 1564  
Delta R.T. -0.000 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02



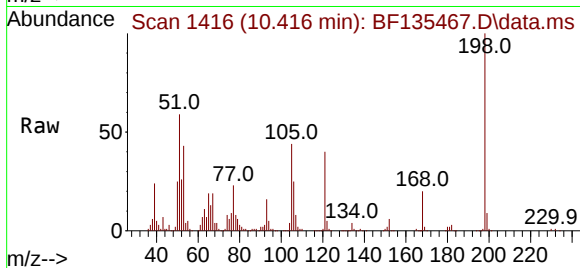
Tgt Ion:188 Resp: 562529  
Ion Ratio Lower Upper  
188 100  
94 10.6 7.0 10.6#  
80 11.3 7.5 11.3#





#65  
4,6-Dinitro-2-methylphenol  
Concen: 47.156 ng  
RT: 10.416 min Scan# 1415  
Delta R.T. 0.006 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

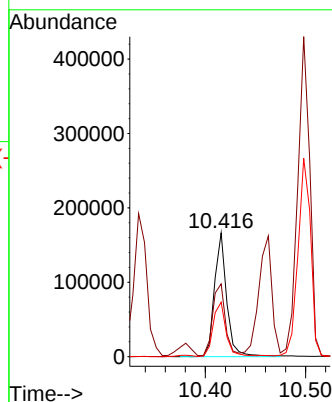
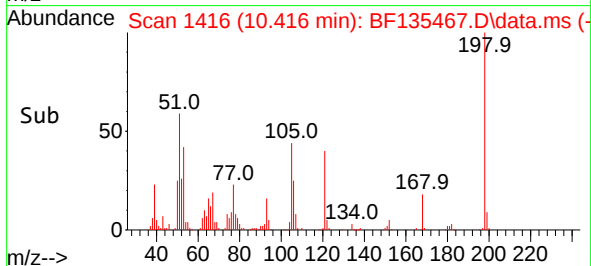
Instrument :  
BNA\_F  
ClientSampleId :  
PB155849BS



Tgt Ion:198 Resp: 140892  
Ion Ratio Lower Upper  
198 100  
51 58.8 47.7 87.7  
105 43.9 27.4 67.4

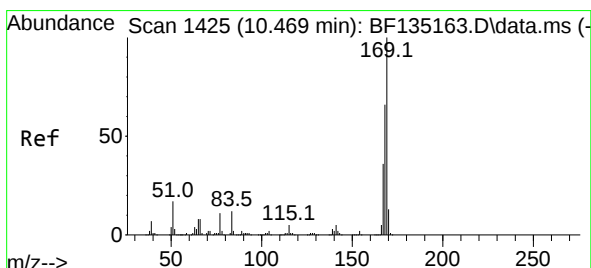
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



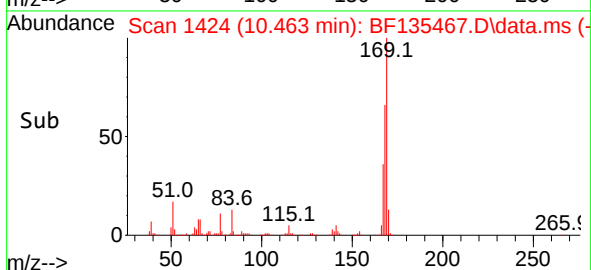
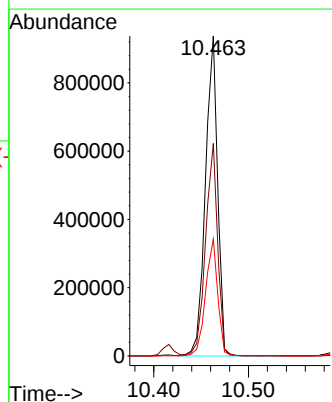
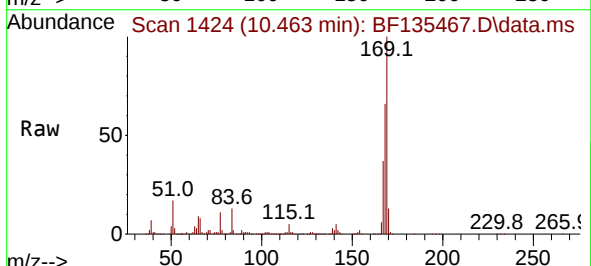
09/28/2023  
Supervised By :mohammad  
ahmed

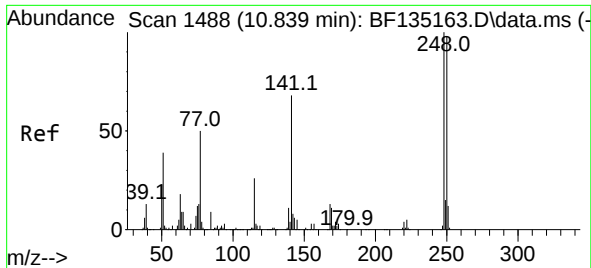
09/29/2023



#66  
n-Nitrosodiphenylamine  
Concen: 49.024 ng  
RT: 10.463 min Scan# 1424  
Delta R.T. 0.006 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

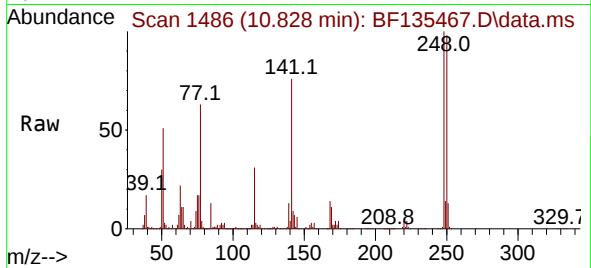
Tgt Ion:169 Resp: 834901  
Ion Ratio Lower Upper  
169 100  
168 66.4 52.8 79.2  
167 36.5 29.0 43.6





#67  
4-Bromophenyl-phenylether  
Concen: 46.549 ng  
RT: 10.828 min Scan# 1486  
Delta R.T. -0.000 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

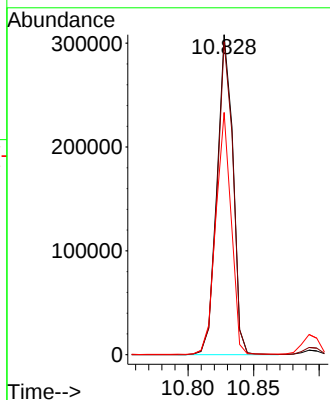
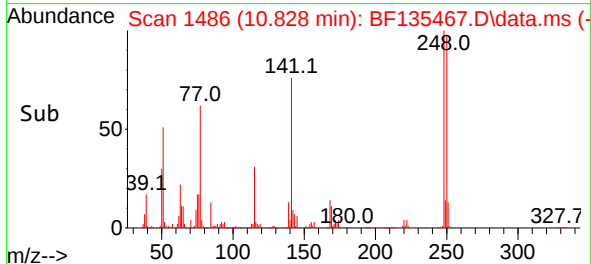
Instrument :  
BNA\_F  
ClientSampleId :  
PB155849BS



Tgt Ion:248 Resp: 26043  
Ion Ratio Lower Upper  
248 100  
250 97.8 78.6 117.8  
141 75.7 54.2 81.2

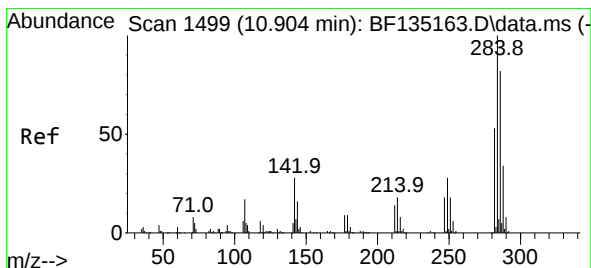
Manual Integrations  
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Patel

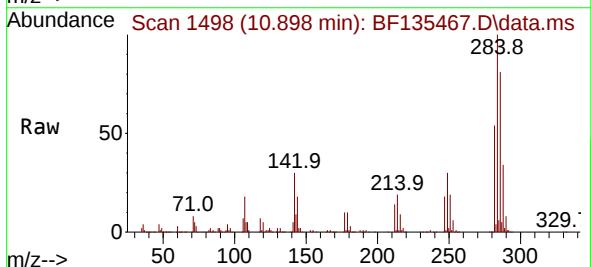


09/28/2023  
Supervised By :mohammad  
ahmed

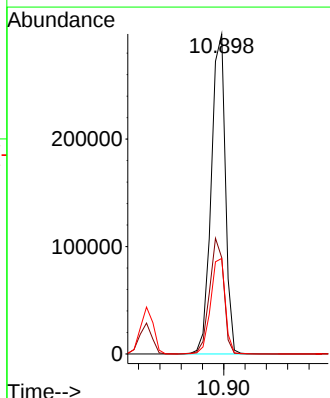
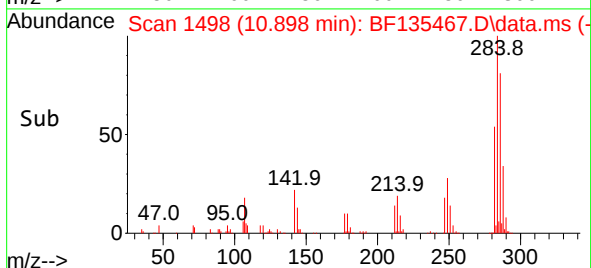
09/29/2023

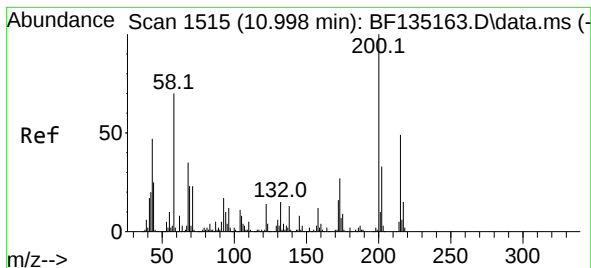


#68  
Hexachlorobenzene  
Concen: 48.015 ng  
RT: 10.898 min Scan# 1498  
Delta R.T. 0.006 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02



Tgt Ion:284 Resp: 273673  
Ion Ratio Lower Upper  
284 100  
142 30.1 22.2 33.4  
249 29.9 22.5 33.7





#69

Atrazine

Concen: 56.022 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.006 min

Lab File: BF135467.D

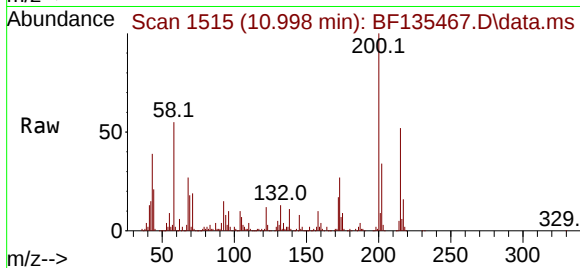
Acq: 27 Sep 2023 12:02

Instrument :

BNA\_F

ClientSampleId :

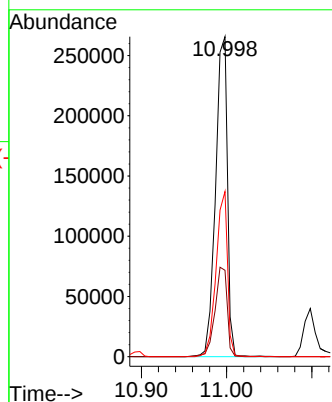
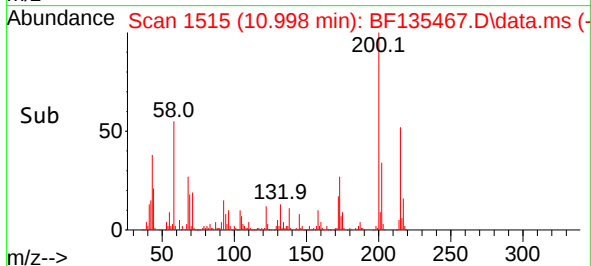
PB155849BS



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 25671 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 27.0  | 7.4   | 47.4  |
| 215       | 51.6  | 28.6  | 68.6  |

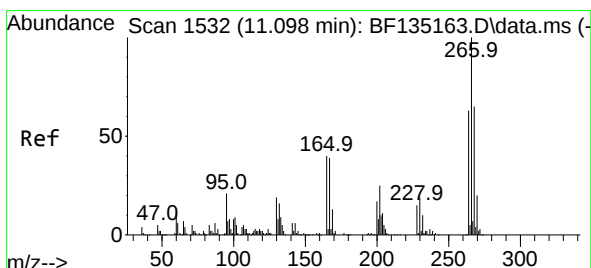
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



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Supervised By :mohammad  
ahmed

09/29/2023



#70

Pentachlorophenol

Concen: 73.208 ng

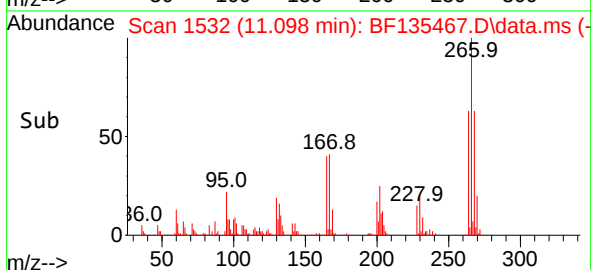
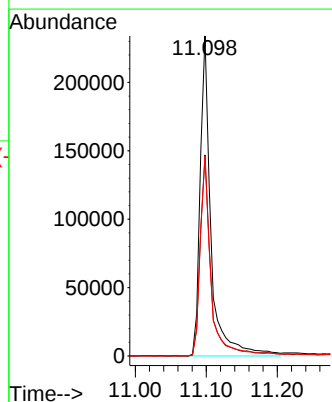
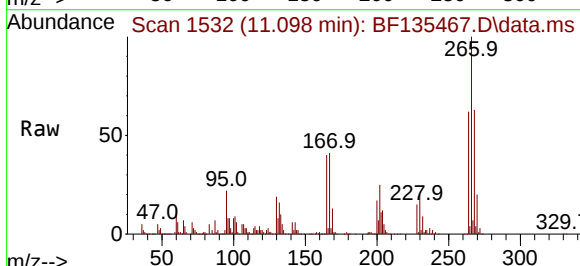
RT: 11.098 min Scan# 1532

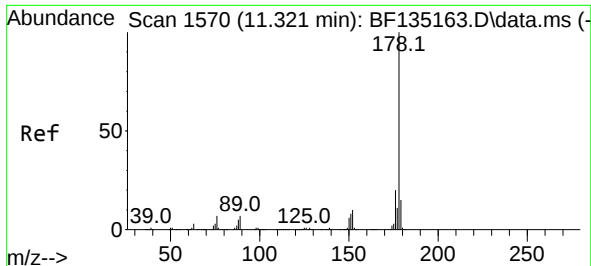
Delta R.T. 0.006 min

Lab File: BF135467.D

Acq: 27 Sep 2023 12:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 266   | Resp: | 249652 |
| Ion Ratio | Lower | Upper |        |
| 266       | 100   |       |        |
| 268       | 62.8  | 52.1  | 78.1   |
| 264       | 62.5  | 50.8  | 76.2   |





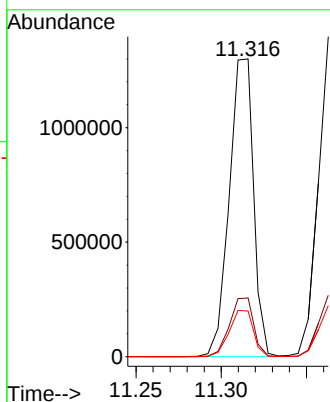
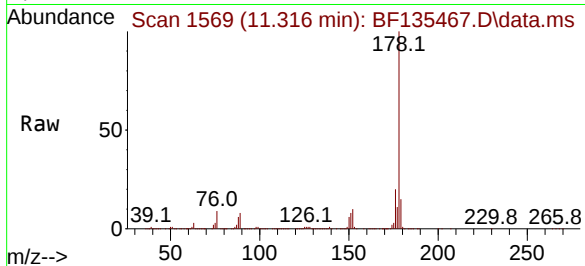
#71  
Phenanthrene  
Concen: 48.474 ng  
RT: 11.316 min Scan# 1569  
Delta R.T. 0.006 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB155849BS

Tgt Ion:178 Resp: 128965  
Ion Ratio Lower Upper  
178 100  
176 19.8 15.6 23.4  
179 15.3 12.0 18.0

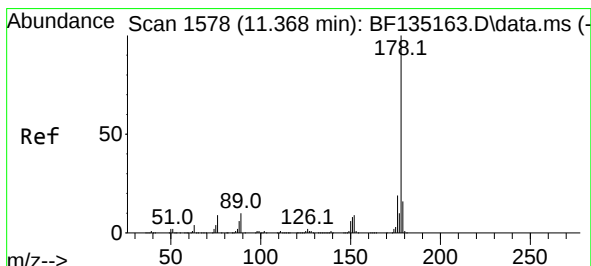
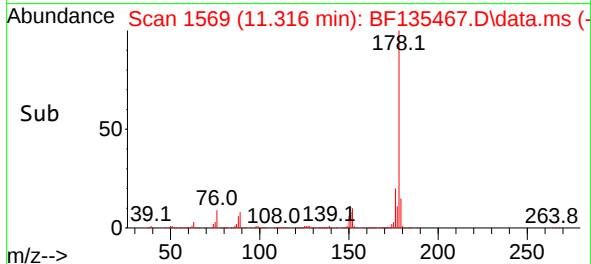
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



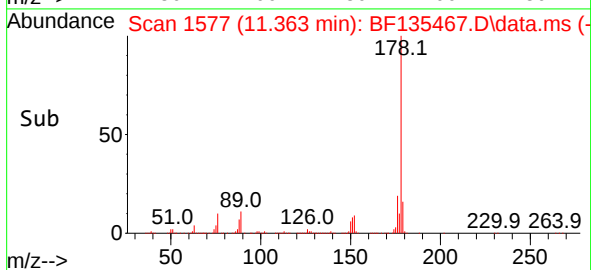
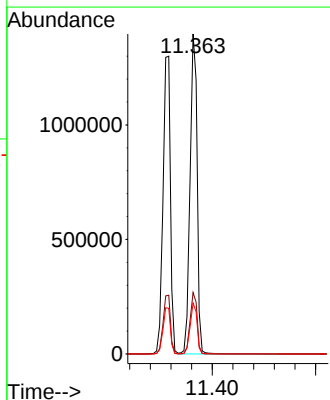
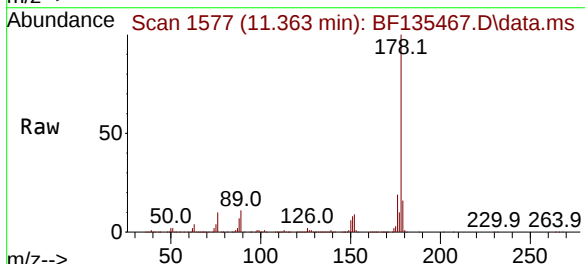
09/28/2023  
Supervised By :mohammad  
ahmed

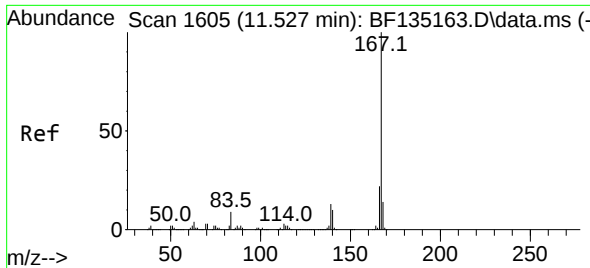
09/29/2023



#72  
Anthracene  
Concen: 48.463 ng  
RT: 11.363 min Scan# 1577  
Delta R.T. -0.000 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

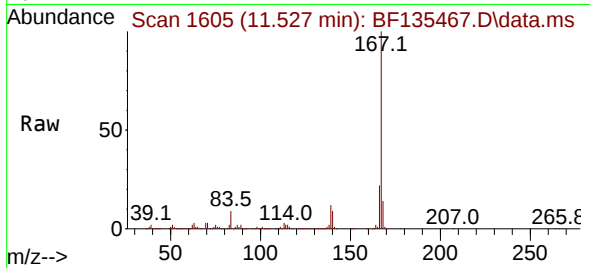
Tgt Ion:178 Resp: 1325344  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.4 23.2  
179 15.9 12.6 19.0





#73  
 Carbazole  
 Concen: 50.266 ng  
 RT: 11.527 min Scan# 1605  
 Delta R.T. 0.006 min  
 Lab File: BF135467.D  
 Acq: 27 Sep 2023 12:02

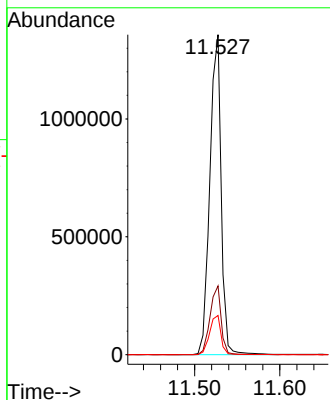
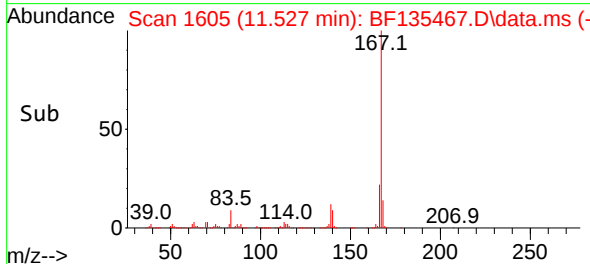
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB155849BS



Tgt Ion:167 Resp: 125136  
 Ion Ratio Lower Upper  
 167 100  
 166 21.5 17.4 26.0  
 139 12.3 10.6 15.8

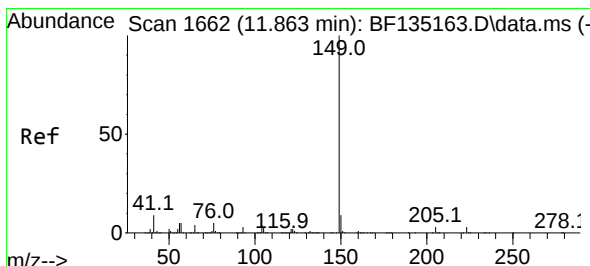
Manual Integrations  
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 Patel

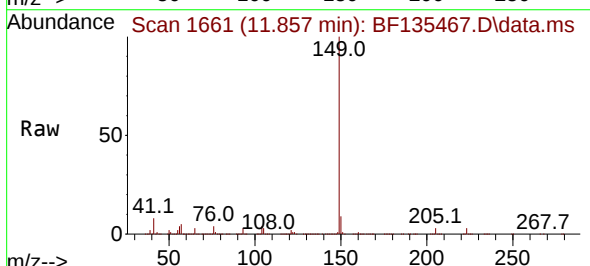


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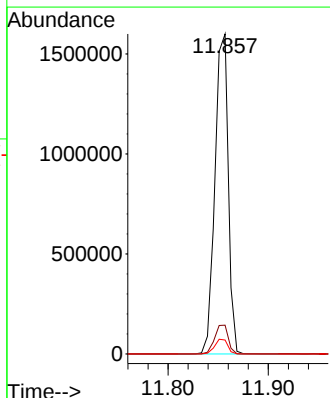
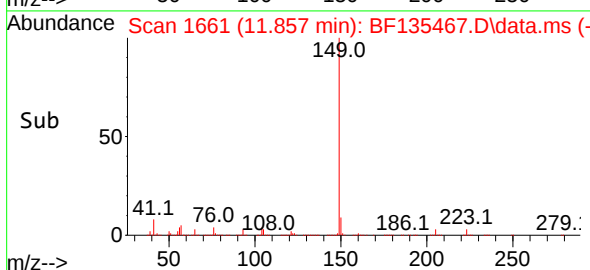
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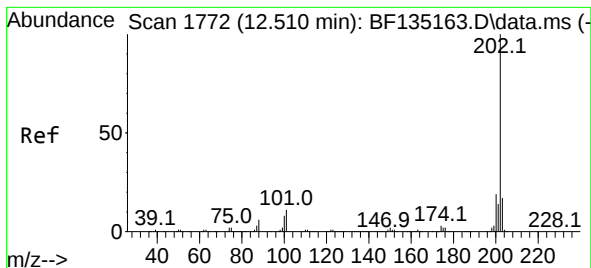


#74  
 Di-n-butylphthalate  
 Concen: 50.386 ng  
 RT: 11.857 min Scan# 1661  
 Delta R.T. 0.006 min  
 Lab File: BF135467.D  
 Acq: 27 Sep 2023 12:02



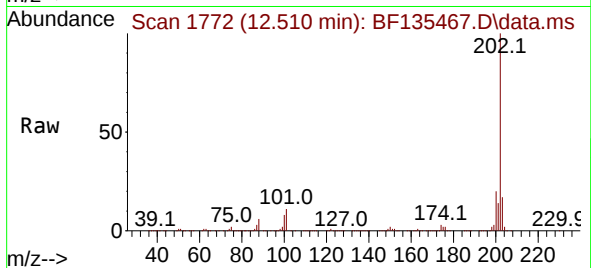
Tgt Ion:149 Resp: 1478046  
 Ion Ratio Lower Upper  
 149 100  
 150 9.0 7.4 11.0  
 104 4.4 3.6 5.4





#75  
Fluoranthene  
Concen: 48.998 ng  
RT: 12.510 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

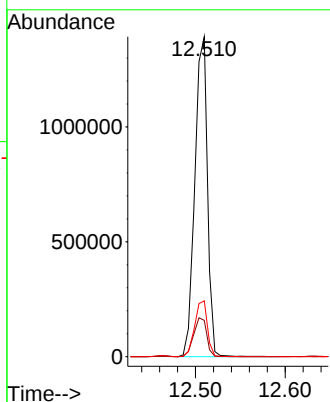
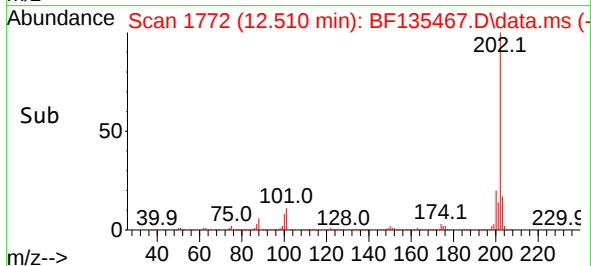
Instrument :  
BNA\_F  
ClientSampleId :  
PB155849BS



Tgt Ion:202 Resp: 1358340  
Ion Ratio Lower Upper  
202 100  
101 11.4 0.0 31.3  
203 17.5 0.0 37.4

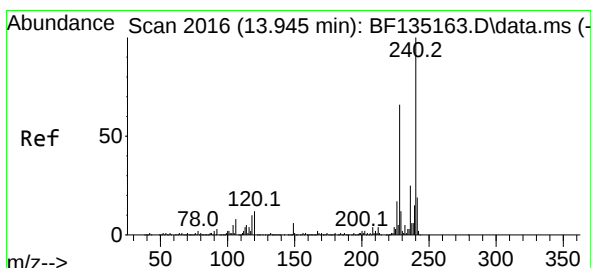
Manual Integrations  
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Reviewed By :Yogesh  
Patel



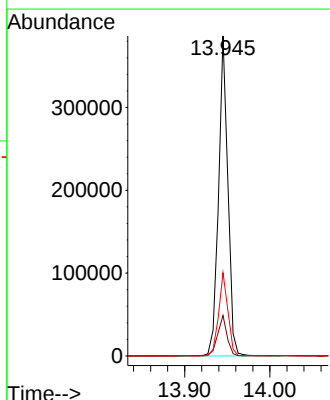
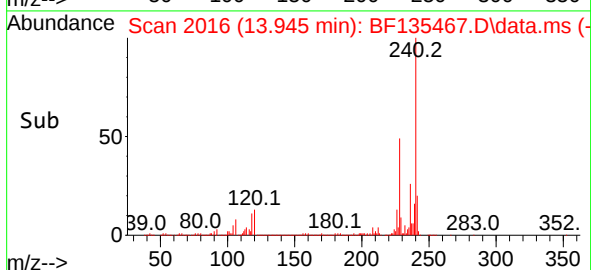
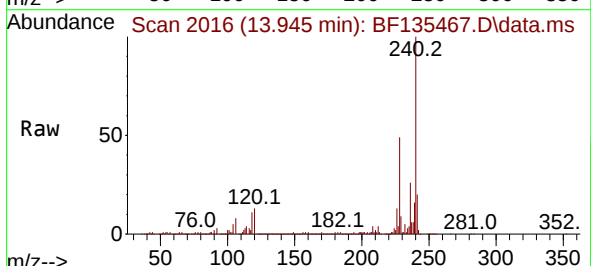
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Supervised By :mohammad  
ahmed

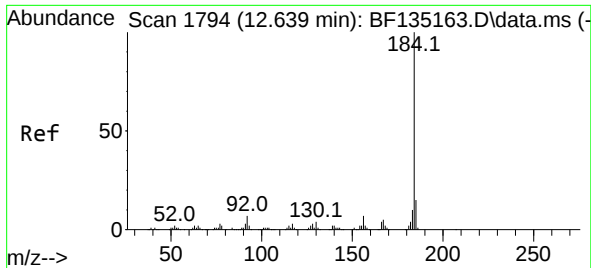
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#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.945 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

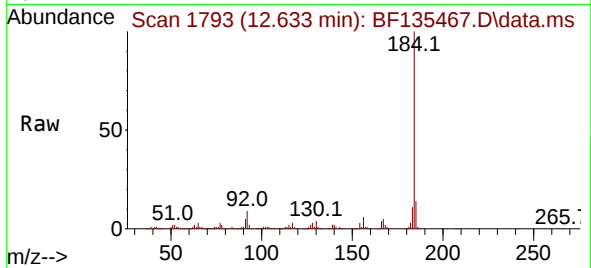
Tgt Ion:240 Resp: 293673  
Ion Ratio Lower Upper  
240 100  
120 12.7 9.4 14.2  
236 26.0 19.8 29.8





#77  
Benzidine  
Concen: 73.266 ng  
RT: 12.633 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

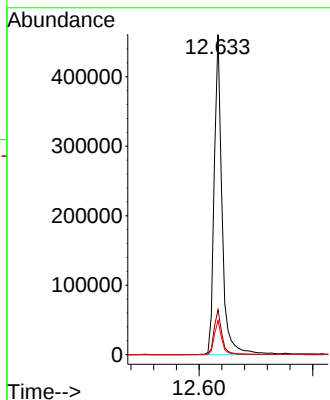
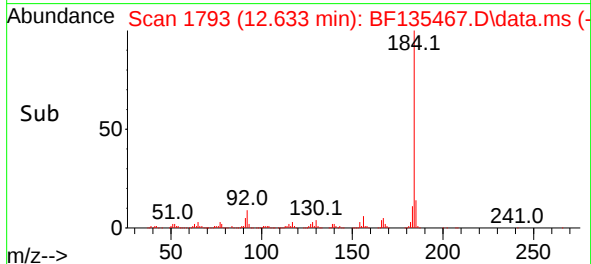
Instrument :  
BNA\_F  
ClientSampleId :  
PB155849BS



Tgt Ion:184 Resp: 440800  
Ion Ratio Lower Upper  
184 100  
185 14.1 11.7 17.5  
183 10.6 8.2 12.4

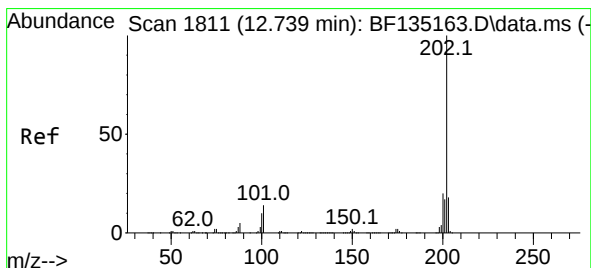
Manual Integrations  
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Reviewed By :Yogesh  
Patel



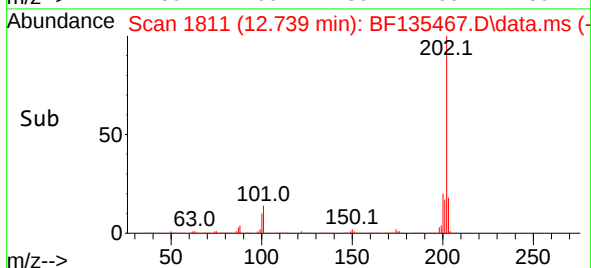
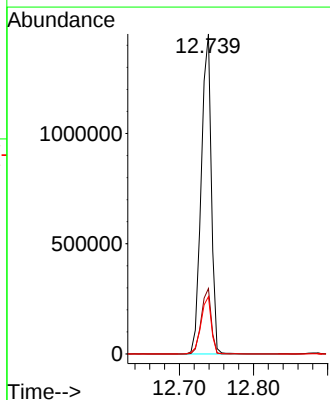
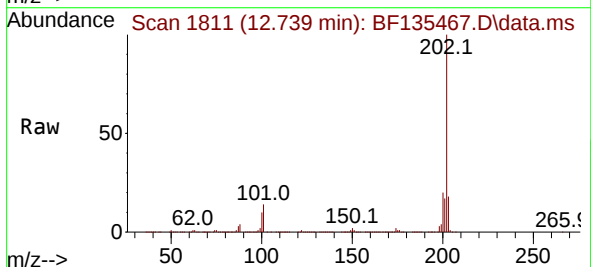
09/28/2023  
Supervised By :mohammad  
ahmed

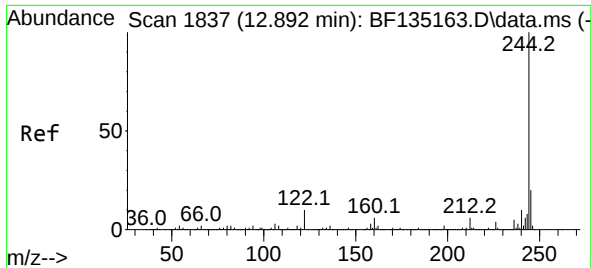
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#78  
Pyrene  
Concen: 48.995 ng  
RT: 12.739 min Scan# 1811  
Delta R.T. 0.006 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

Tgt Ion:202 Resp: 1369884  
Ion Ratio Lower Upper  
202 100  
200 20.5 16.2 24.2  
203 17.9 14.2 21.4





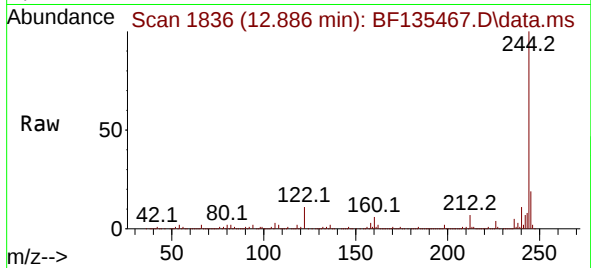
#79  
 Terphenyl-d14  
 Concen: 85.382 ng  
 RT: 12.886 min Scan# 1836  
 Delta R.T. 0.006 min  
 Lab File: BF135467.D  
 Acq: 27 Sep 2023 12:02

Instrument :

BNA\_F

ClientSampleId :

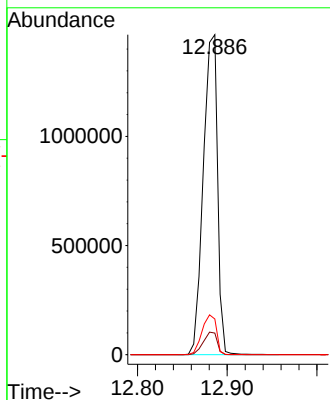
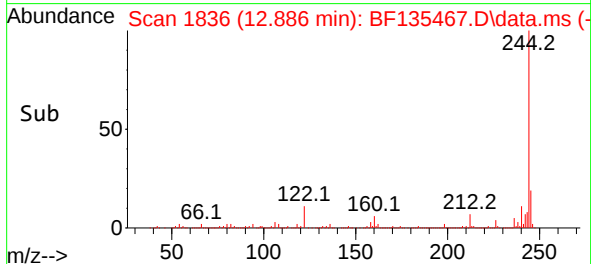
PB155849BS



Tgt Ion:244 Resp: 161750  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.1 7.7  
 122 11.1 7.9 11.9

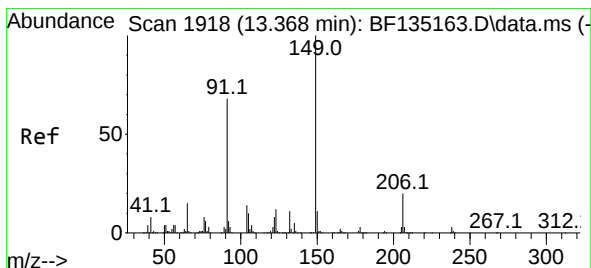
Manual Integrations  
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 Patel

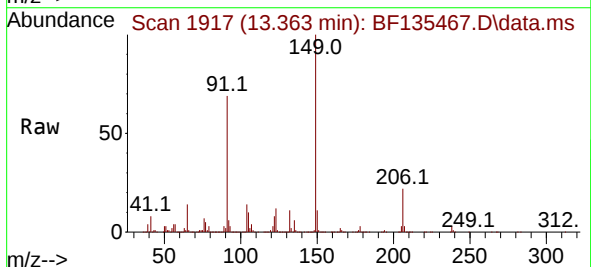


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 Supervised By :mohammad  
 ahmed

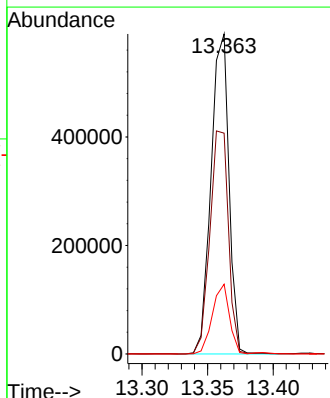
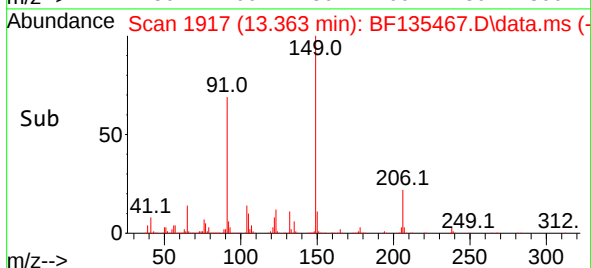
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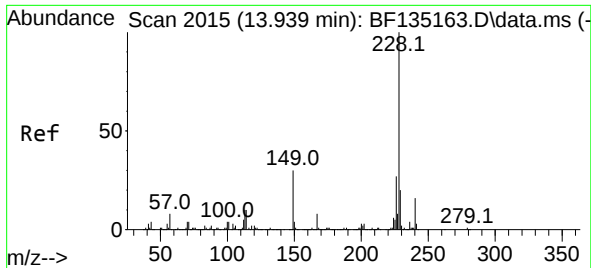


#80  
 Butylbenzylphthalate  
 Concen: 57.006 ng  
 RT: 13.363 min Scan# 1917  
 Delta R.T. 0.006 min  
 Lab File: BF135467.D  
 Acq: 27 Sep 2023 12:02



Tgt Ion:149 Resp: 561184  
 Ion Ratio Lower Upper  
 149 100  
 91 69.0 54.7 82.1  
 206 21.8 16.3 24.5





#81  
Benzo(a)anthracene  
Concen: 50.101 ng  
RT: 13.933 min Scan# 2015  
Delta R.T. -0.000 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

Instrument :

BNA\_F

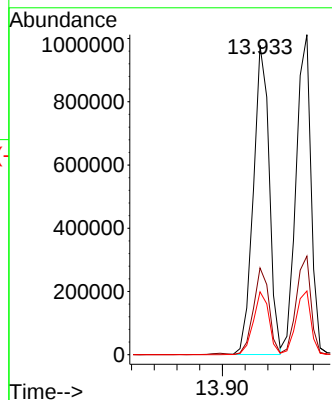
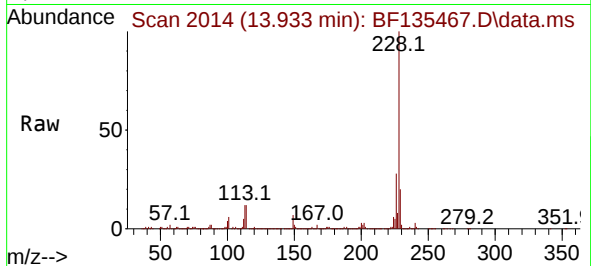
ClientSampleId :

PB155849BS

Tgt Ion:228 Resp: 95008  
Ion Ratio Lower Upper  
228 100  
226 28.0 21.7 32.5  
229 20.3 15.8 23.8

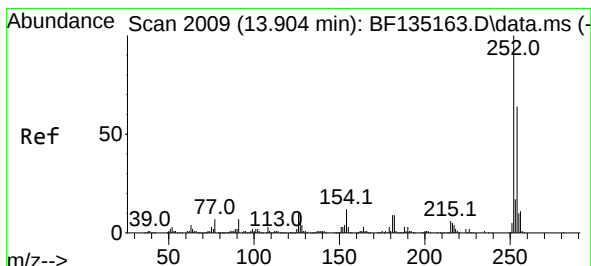
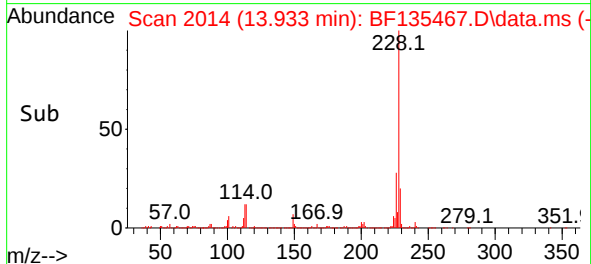
Manual Integrations  
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Reviewed By :Yogesh  
Patel



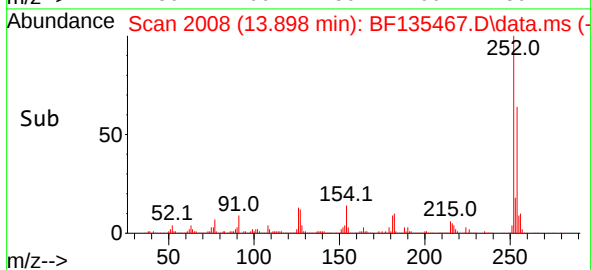
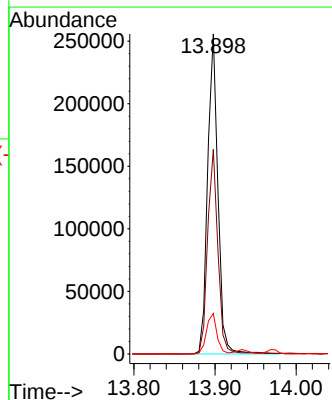
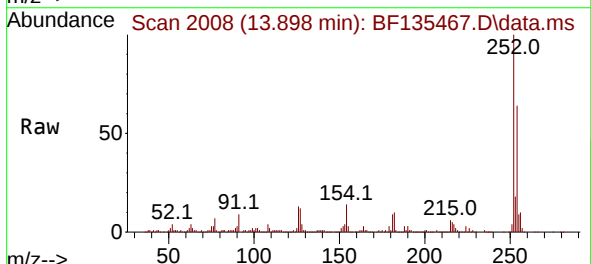
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Supervised By :mohammad  
ahmed

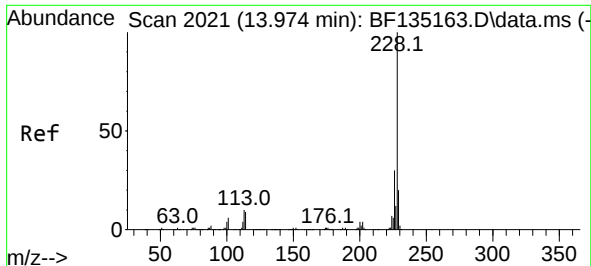
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#82  
3,3'-Dichlorobenzidine  
Concen: 37.947 ng  
RT: 13.898 min Scan# 2008  
Delta R.T. -0.000 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

Tgt Ion:252 Resp: 224771  
Ion Ratio Lower Upper  
252 100  
254 63.9 51.0 76.4  
126 12.7 7.8 11.8#





#83  
Chrysene  
Concen: 49.227 ng  
RT: 13.974 min Scan# 2021  
Delta R.T. 0.006 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

Instrument :

BNA\_F

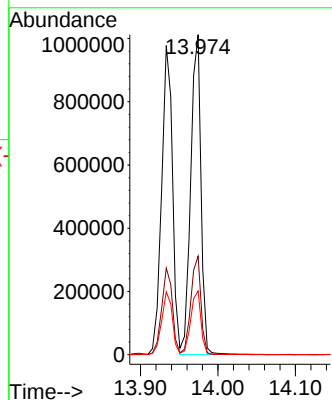
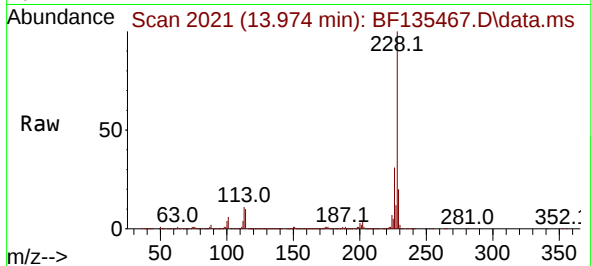
ClientSampleId :

PB155849BS

Tgt Ion:228 Resp: 92811  
Ion Ratio Lower Upper  
228 100  
226 30.8 24.3 36.5  
229 19.9 16.0 24.0

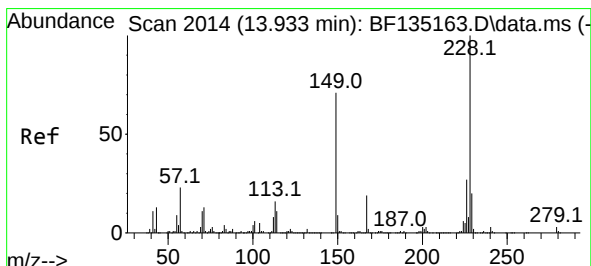
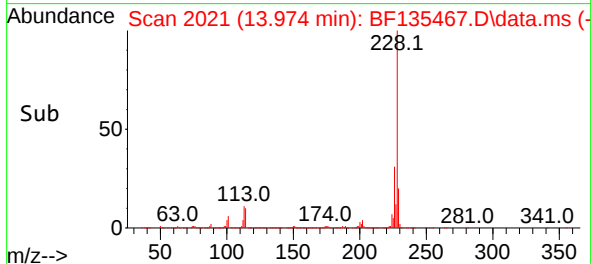
Manual Integrations  
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Reviewed By :Yogesh  
Patel



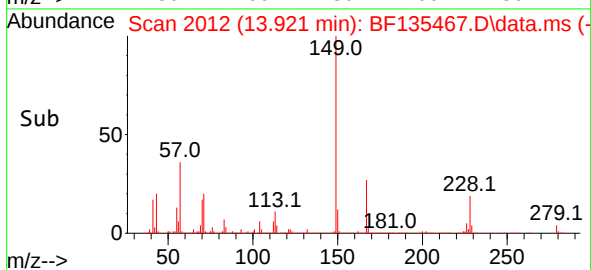
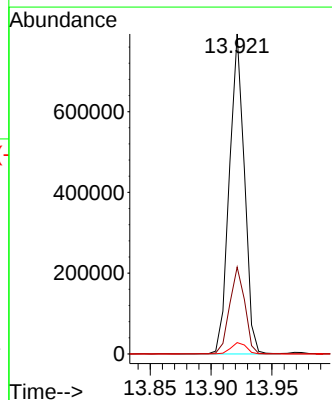
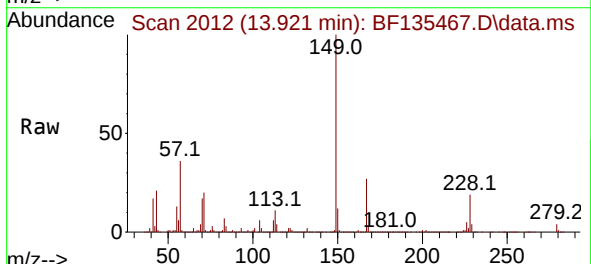
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ahmed

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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 67.276 ng  
RT: 13.921 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

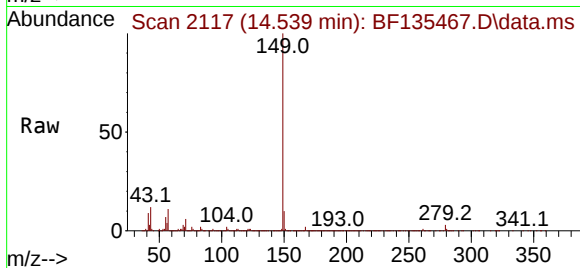
Tgt Ion:149 Resp: 679617  
Ion Ratio Lower Upper  
149 100  
167 27.2 21.9 32.9  
279 3.5 3.3 4.9





#85  
Di-n-octyl phthalate  
Concen: 64.355 ng  
RT: 14.539 min Scan# 2119  
Delta R.T. -0.000 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

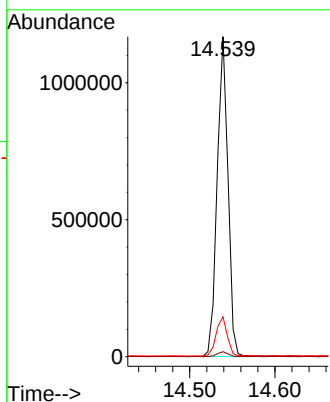
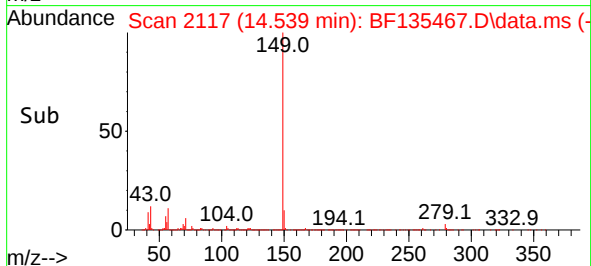
Instrument :  
BNA\_F  
ClientSampleId :  
PB155849BS



Tgt Ion:149 Resp: 103315  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.1 1.7  
43 12.6 9.8 14.6

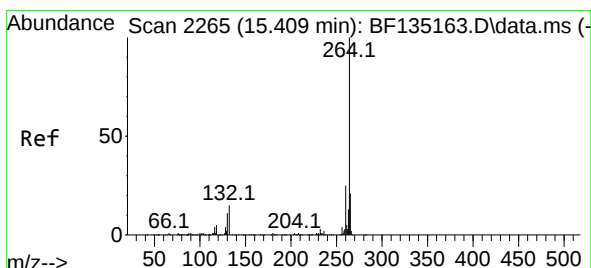
Manual Integrations  
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Reviewed By :Yogesh  
Patel



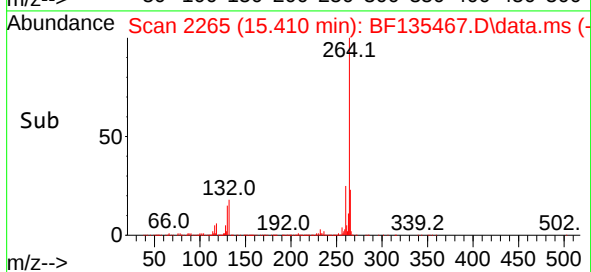
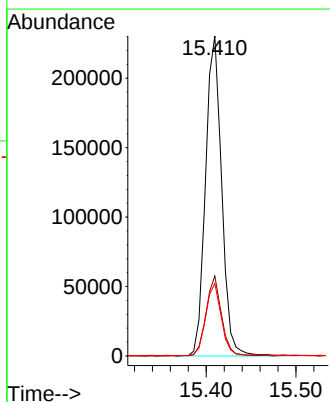
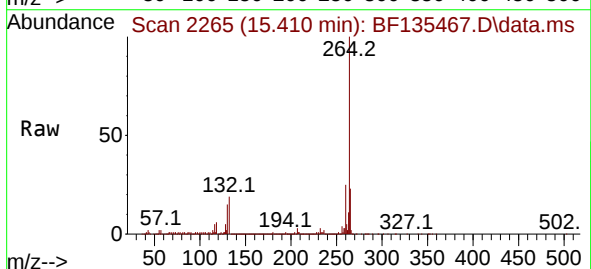
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Supervised By :mohammad  
ahmed

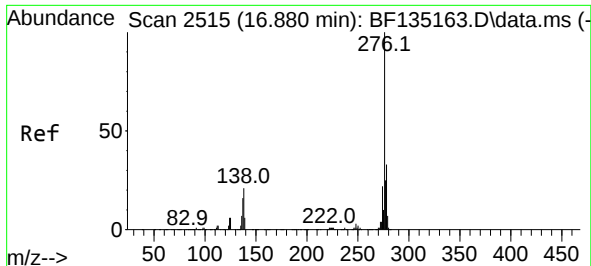
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.410 min Scan# 2265  
Delta R.T. 0.006 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

Tgt Ion:264 Resp: 287805  
Ion Ratio Lower Upper  
264 100  
260 25.0 19.8 29.6  
265 22.7 17.0 25.4





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 52.823 ng  
RT: 16.904 min Scan# 2151  
Delta R.T. 0.018 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

Instrument :

BNA\_F

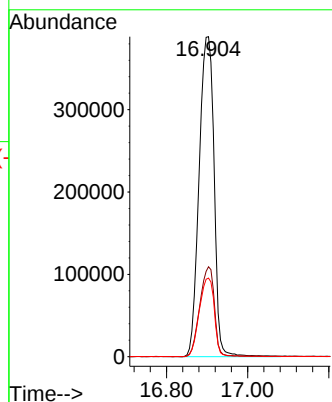
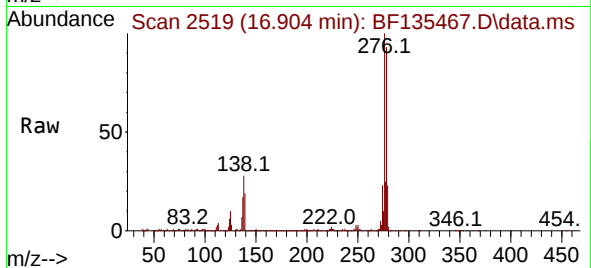
ClientSampleId :

PB155849BS

Tgt Ion:276 Resp: 996789  
Ion Ratio Lower Upper  
276 100  
138 27.5 19.2 28.8  
277 24.7 19.7 29.5

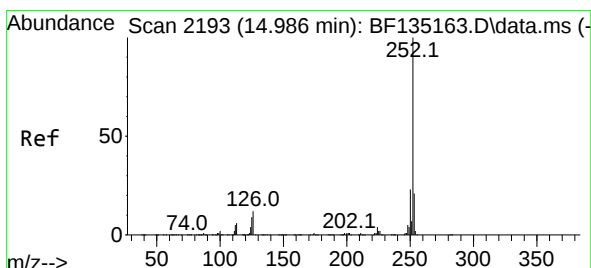
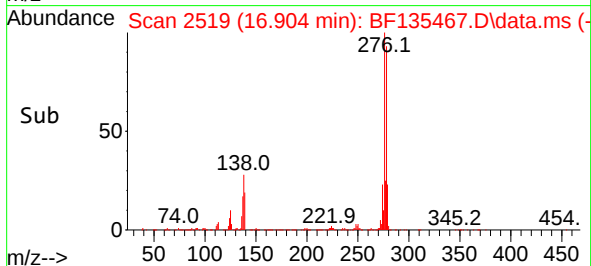
Manual Integrations  
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Reviewed By :Yogesh  
Patel



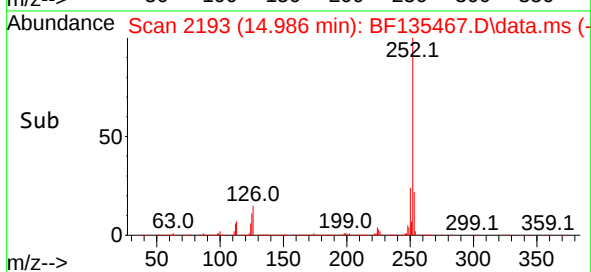
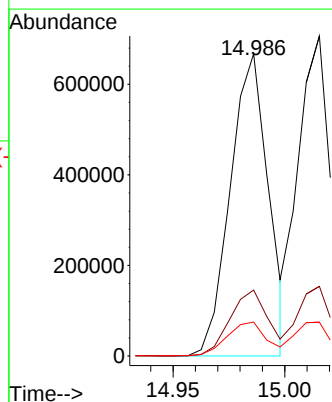
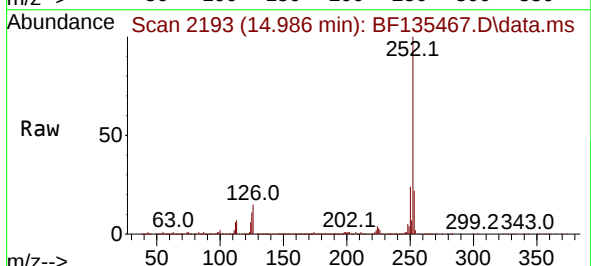
09/28/2023  
Supervised By :mohammad  
ahmed

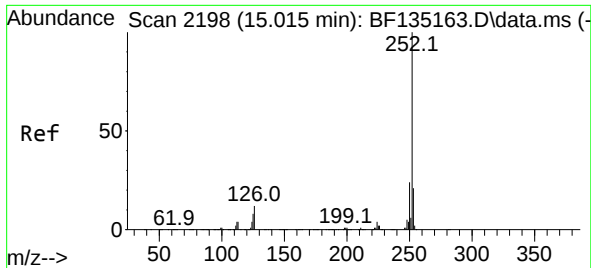
09/29/2023



#88  
Benzo(b)fluoranthene  
Concen: 50.654 ng m  
RT: 14.986 min Scan# 2193  
Delta R.T. 0.006 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

Tgt Ion:252 Resp: 789193  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.2 25.8  
125 11.2 7.1 10.7#





#89  
Benzo(k)fluoranthene  
Concen: 47.293 ng  
RT: 15.015 min Scan# 2198  
Delta R.T. 0.006 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

Instrument :

BNA\_F

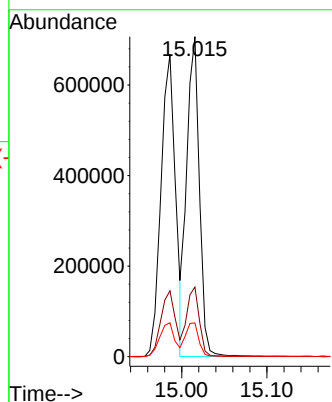
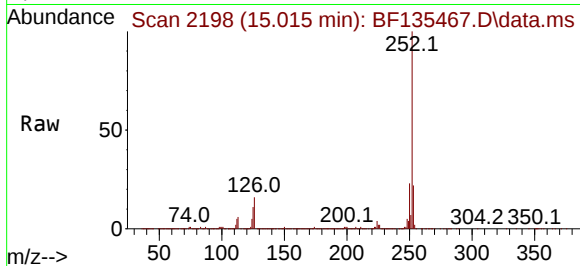
ClientSampleId :

PB155849BS

Tgt Ion:252 Resp: 72784  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.4 26.0  
125 10.6 7.2 10.8

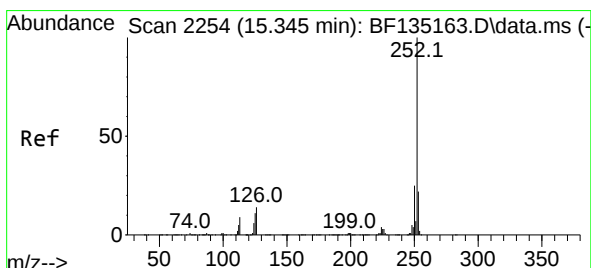
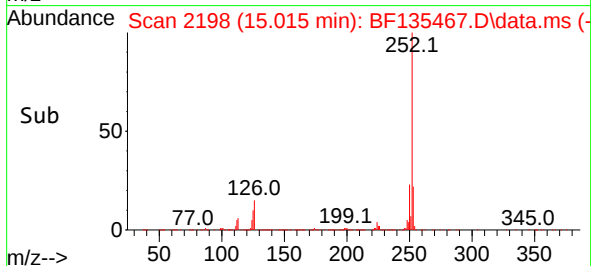
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



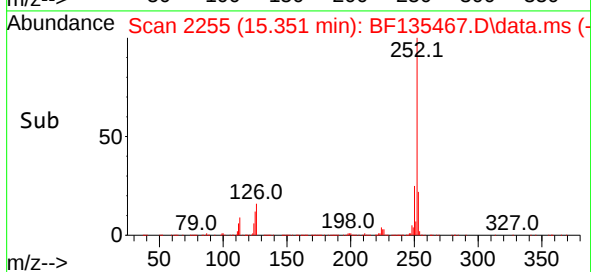
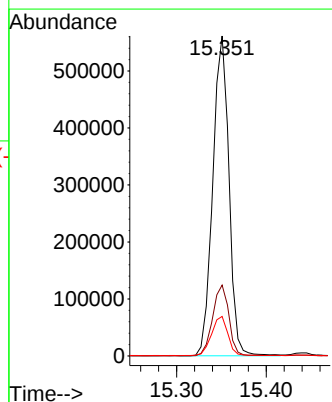
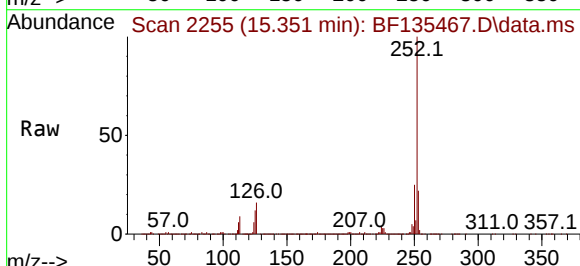
09/28/2023  
Supervised By :mohammad  
ahmed

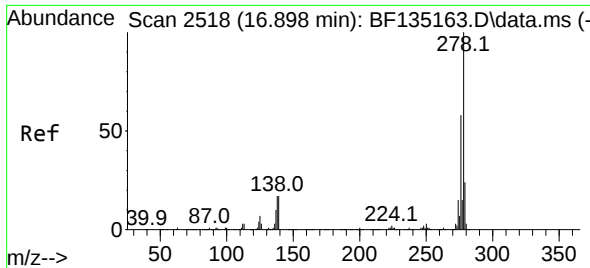
09/29/2023



#90  
Benzo(a)pyrene  
Concen: 47.296 ng  
RT: 15.351 min Scan# 2255  
Delta R.T. 0.006 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

Tgt Ion:252 Resp: 702696  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.5 26.3  
125 12.4 9.2 13.8





#91  
Dibenzo(a,h)anthracene  
Concen: 51.389 ng  
RT: 16.909 min Scan# 2518  
Delta R.T. 0.012 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

Instrument :

BNA\_F

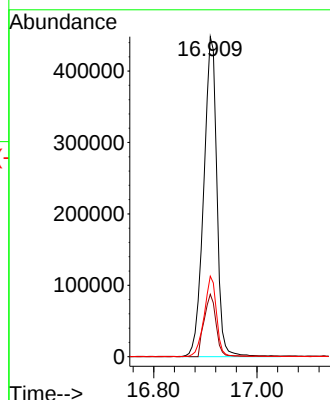
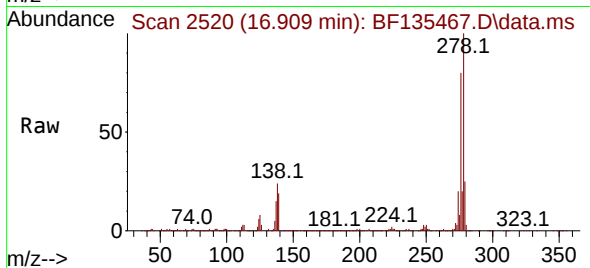
ClientSampleId :

PB155849BS

Tgt Ion:278 Resp: 79344  
Ion Ratio Lower Upper  
278 100  
139 19.5 13.4 20.0  
279 25.2 19.0 28.6

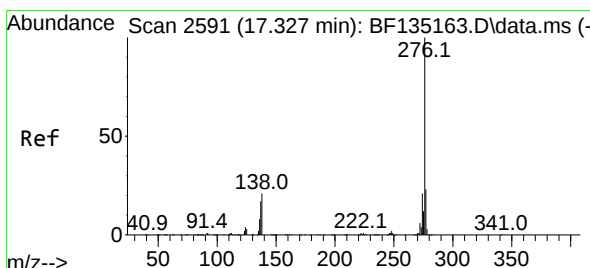
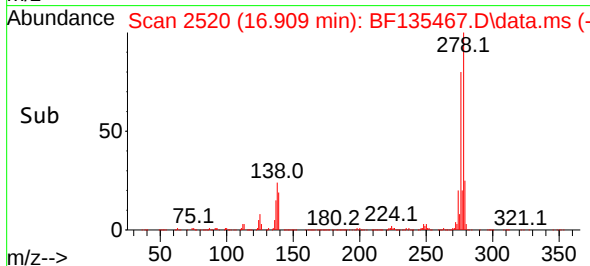
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



09/28/2023  
Supervised By :mohammad  
ahmed

09/29/2023



#92  
Benzo(g,h,i)perylene  
Concen: 51.928 ng  
RT: 17.351 min Scan# 2595  
Delta R.T. 0.018 min  
Lab File: BF135467.D  
Acq: 27 Sep 2023 12:02

Tgt Ion:276 Resp: 837338  
Ion Ratio Lower Upper  
276 100  
277 23.3 18.8 28.2  
138 24.9 16.9 25.3

