

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091423\  
 Data File : BF135261.D  
 Acq On : 14 Sep 2023 19:00  
 Operator : CG\JU  
 Sample : 04393-01MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-1MS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/15/2023  
 Supervised By :mohammad ahmed 09/15/2023

Quant Time: Sep 15 01:34:33 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 12 00:19:07 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.763  | 152  | 138435   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.045  | 136  | 509915   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.804  | 164  | 211941   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.304 | 188  | 247435   | 20.000 | ng    | # 0.01   |
| 76) Chrysene-d12              | 13.974 | 240  | 172683   | 20.000 | ng    | # 0.03   |
| 86) Perylene-d12              | 15.439 | 264  | 238565   | 20.000 | ng    | 0.03     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.404  | 112  | 718333   | 84.396 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.416  | 99   | 938441   | 86.709 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 7.334  | 82   | 597855   | 63.699 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.604 | 330  | 167321   | 79.443 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.122  | 172  | 898758   | 63.979 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.916 | 244  | 420505   | 37.749 | ng    | 0.02     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.557  | 88   | 125100   | 33.527 | ng    | 98       |
| 3) Pyridine                   | 3.310  | 79   | 328697   | 32.731 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.269  | 42   | 213620   | 40.086 | ng    | 94       |
| 6) Aniline                    | 6.434  | 93   | 206266m  | 14.534 | ng    |          |
| 8) 2-Chlorophenol             | 6.551  | 128  | 363894   | 40.050 | ng    | 99       |
| 9) Benzaldehyde               | 6.316  | 77   | 130342   | 21.140 | ng    | 97       |
| 10) Phenol                    | 6.428  | 94   | 432915   | 36.478 | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 6.504  | 93   | 361749   | 40.636 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.704  | 146  | 364968   | 39.524 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.781  | 146  | 375755   | 39.996 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.934  | 146  | 350445   | 40.168 | ng    | 96       |
| 15) Benzyl Alcohol            | 6.916  | 79   | 310704   | 40.006 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.045  | 45   | 633606   | 37.760 | ng    | 95       |
| 17) 2-Methylphenol            | 7.028  | 107  | 277261   | 34.579 | ng    | 95       |
| 18) Hexachloroethane          | 7.269  | 117  | 140437   | 40.457 | ng    | 92       |
| 19) n-Nitroso-di-n-propyla... | 7.187  | 70   | 245070   | 36.558 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.181  | 107  | 339646   | 35.228 | ng    | 95       |
| 22) Acetophenone              | 7.175  | 105  | 481717   | 41.321 | ng    | # 94     |
| 24) Nitrobenzene              | 7.351  | 77   | 380185   | 40.983 | ng    | 99       |
| 25) Isophorone                | 7.587  | 82   | 678896   | 39.392 | ng    | 98       |
| 26) 2-Nitrophenol             | 7.663  | 139  | 188907   | 42.429 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.704  | 122  | 275695   | 36.839 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.798  | 93   | 421837   | 40.894 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.910  | 162  | 284096   | 40.968 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 7.986  | 180  | 306793   | 42.326 | ng    | 99       |
| 31) Naphthalene               | 8.069  | 128  | 986751   | 39.828 | ng    | 100      |
| 32) Benzoic acid              | 7.851  | 122  | 221055   | 39.226 | ng    | 98       |
| 33) 4-Chloroaniline           | 8.128  | 127  | 98738    | 9.084  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.181  | 225  | 180182   | 41.226 | ng    | 99       |
| 35) Caprolactam               | 8.498  | 113  | 90078m   | 38.704 | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.610  | 107  | 297848   | 38.645 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.757  | 142  | 596715   | 35.830 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.857  | 142  | 576661   | 36.985 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 8.922  | 216  | 287246   | 46.782 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 8.904  | 237  | 154932   | 59.364 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.039  | 196  | 186148   | 46.303 | ng    | 100      |

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Manual Integrations  
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 Supervised By :mohammad ahmed 09/15/2023

Quant Time: Sep 15 01:34:33 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 12 00:19:07 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.086  | 196  | 194568   | 42.026 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.222  | 154  | 735639   | 45.166 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 9.251  | 162  | 540910   | 45.772 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.351  | 65   | 209586   | 45.651 | ng    | 93       |
| 49) Acenaphthylene            | 9.663  | 152  | 856345   | 43.603 | ng    | 99       |
| 50) Dimethylphthalate         | 9.533  | 163  | 649928   | 45.356 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.598  | 165  | 134300   | 42.783 | ng    | 85       |
| 52) Acenaphthene              | 9.833  | 154  | 461725   | 39.797 | ng    | 97       |
| 53) 3-Nitroaniline            | 9.763  | 138  | 81497    | 22.117 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 9.875  | 184  | 39288    | 26.572 | ng    | 97       |
| 55) Dibenzofuran              | 10.010 | 168  | 685229   | 38.704 | ng    | 99       |
| 56) 4-Nitrophenol             | 9.939  | 139  | 171116   | 73.068 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.004 | 165  | 147600   | 37.559 | ng    | 96       |
| 58) Fluorene                  | 10.357 | 166  | 494228   | 36.312 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.133 | 232  | 132802   | 37.290 | ng    | 98       |
| 60) Diethylphthalate          | 10.233 | 149  | 564545   | 39.257 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.345 | 204  | 237614   | 36.343 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.380 | 138  | 75628    | 21.352 | ng    | 95       |
| 63) Azobenzene                | 10.510 | 77   | 480844   | 34.164 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.416 | 198  | 25655    | 19.521 | ng    | # 81     |
| 66) n-Nitrosodiphenylamine    | 10.469 | 169  | 422579   | 56.411 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.845 | 248  | 124543   | 50.608 | ng    | 95       |
| 68) Hexachlorobenzene         | 10.910 | 284  | 132629   | 52.901 | ng    | # 92     |
| 69) Atrazine                  | 11.027 | 200  | 103396   | 51.297 | ng    | 91       |
| 70) Pentachlorophenol         | 11.116 | 266  | 127202   | 84.801 | ng    | 97       |
| 71) Phenanthrene              | 11.333 | 178  | 520476   | 44.475 | ng    | 97       |
| 72) Anthracene                | 11.380 | 178  | 489965   | 40.732 | ng    | 97       |
| 73) Carbazole                 | 11.545 | 167  | 426946   | 38.989 | ng    | 96       |
| 74) Di-n-butylphthalate       | 11.880 | 149  | 494629   | 38.334 | ng    | 96       |
| 75) Fluoranthene              | 12.539 | 202  | 476243   | 39.055 | ng    | 97       |
| 78) Pyrene                    | 12.769 | 202  | 479919   | 29.191 | ng    | 97       |
| 80) Butylbenzylphthalate      | 13.392 | 149  | 205593   | 35.517 | ng    | 88       |
| 81) Benzo(a)anthracene        | 13.968 | 228  | 494154   | 44.316 | ng    | 99       |
| 83) Chrysene                  | 14.004 | 228  | 460098   | 41.502 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.957 | 149  | 445250   | 74.958 | ng    | # 97     |
| 85) Di-n-octyl phthalate      | 14.568 | 149  | 580287   | 61.472 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.921 | 276  | 547601   | 35.009 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.015 | 252  | 561417   | 43.472 | ng    | # 97     |
| 89) Benzo(k)fluoranthene      | 15.045 | 252  | 508069   | 39.826 | ng    | # 96     |
| 90) Benzo(a)pyrene            | 15.380 | 252  | 493883   | 40.102 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 16.933 | 278  | 450888   | 35.230 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.368 | 276  | 431038   | 32.248 | ng    | 99       |

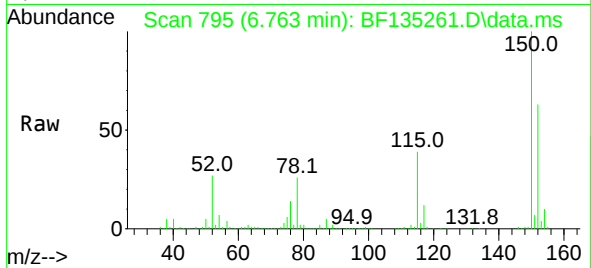
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.763 min Scan# 79  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

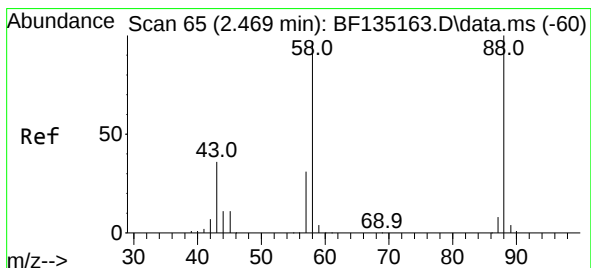
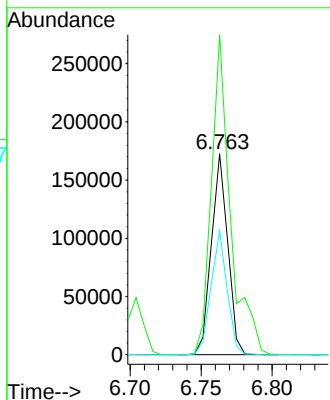
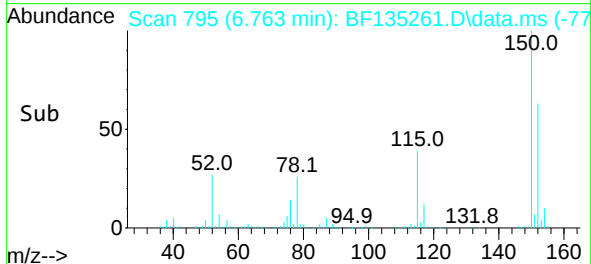
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



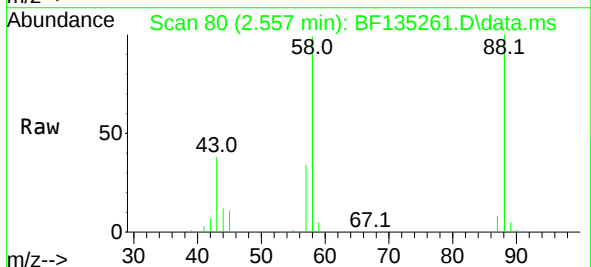
Tgt Ion: 152 Resp: 13843  
Ion Ratio Lower Upper  
152 100  
150 159.2 127.8 191.6  
115 61.6 49.8 74.8

Manual Integrations  
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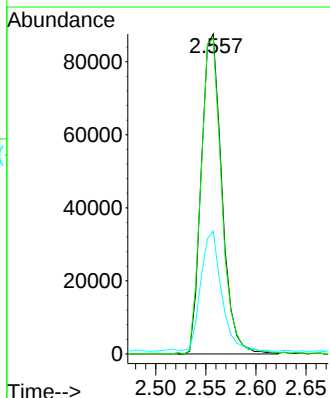
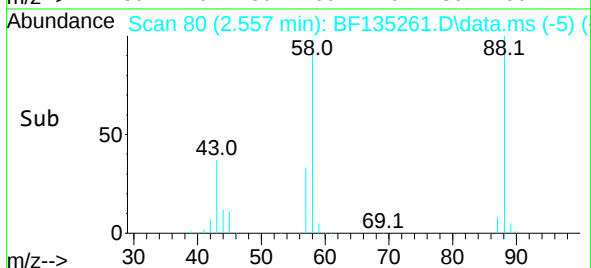
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023



#2  
1,4-Dioxane  
Concen: 33.527 ng  
RT: 2.557 min Scan# 80  
Delta R.T. 0.088 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00



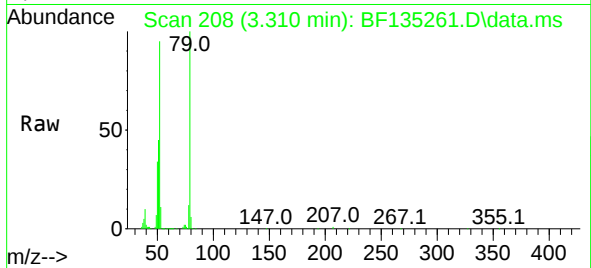
Tgt Ion: 88 Resp: 125100  
Ion Ratio Lower Upper  
88 100  
58 99.6 78.3 117.5  
43 37.7 29.4 44.0





#3  
Pyridine  
Concen: 32.731 ng  
RT: 3.310 min Scan# 201  
Delta R.T. 0.094 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

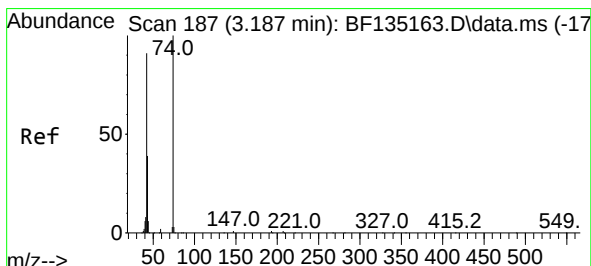
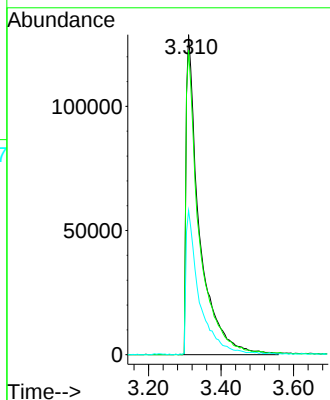
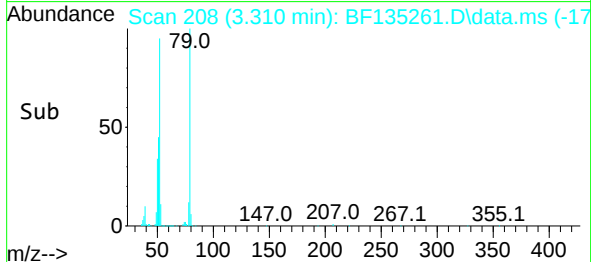
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



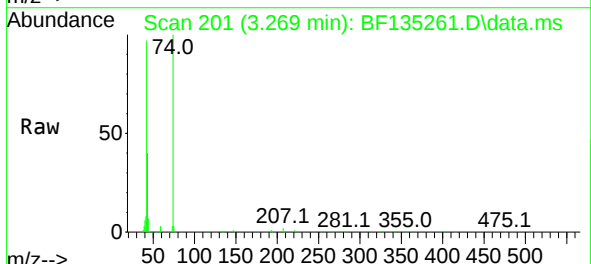
Tgt Ion: 79 Resp: 32869  
Ion Ratio Lower Upper  
79 100  
52 95.2 74.1 111.1  
51 45.1 35.8 53.8

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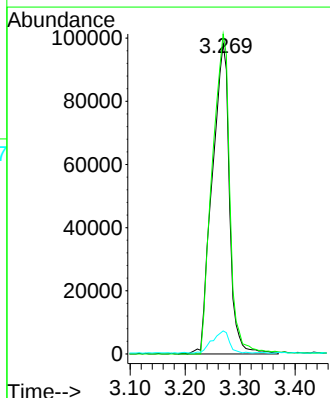
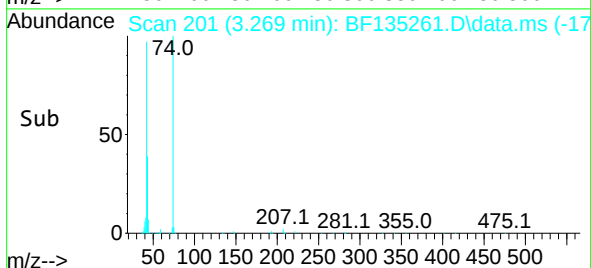
Reviewed By :Yogesh Patel 09/15/2023  
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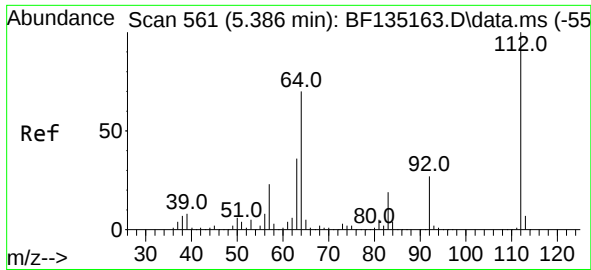


#4  
n-Nitrosodimethylamine  
Concen: 40.086 ng  
RT: 3.269 min Scan# 201  
Delta R.T. 0.083 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00



Tgt Ion: 42 Resp: 213620  
Ion Ratio Lower Upper  
42 100  
74 103.1 87.7 131.5  
44 7.4 5.6 8.4





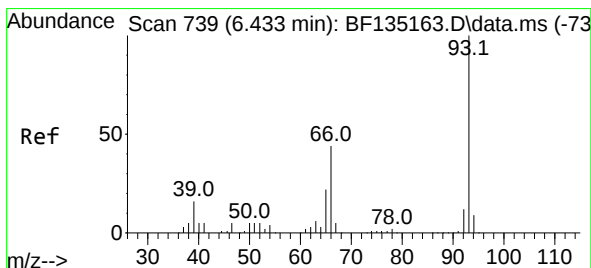
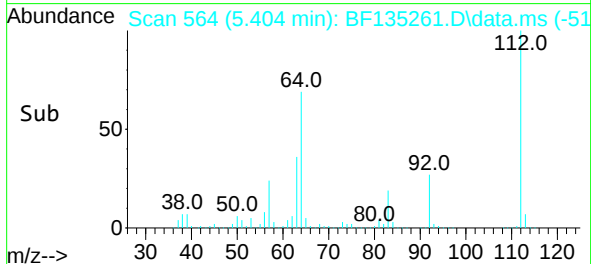
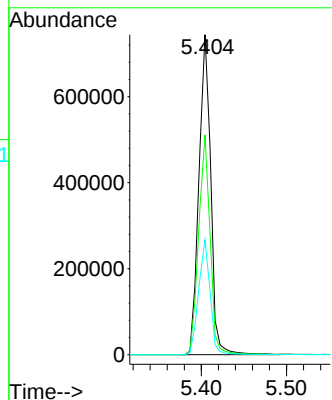
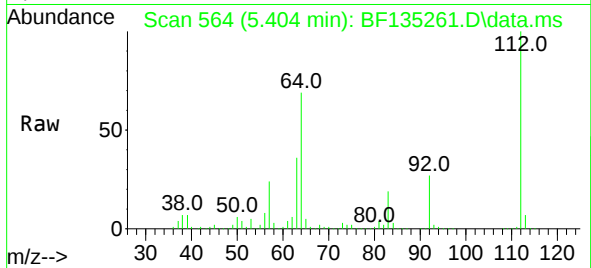
#5  
2-Fluorophenol  
Concen: 84.396 ng  
RT: 5.404 min Scan# 561  
Delta R.T. 0.018 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

Tgt Ion:112 Resp: 71833  
Ion Ratio Lower Upper  
112 100  
64 68.7 55.9 83.9  
63 35.9 29.0 43.6

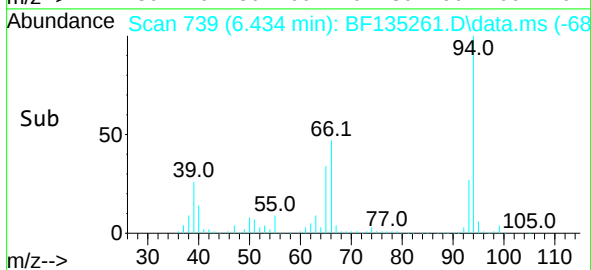
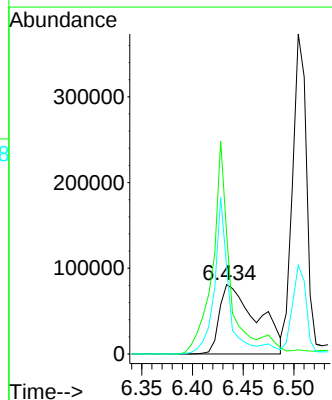
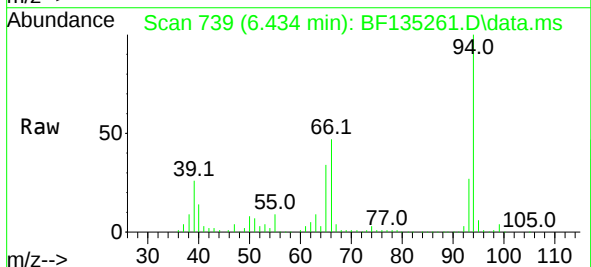
Manual Integrations  
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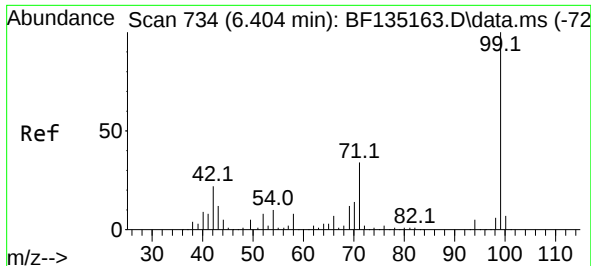
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023



#6  
Aniline  
Concen: 14.534 ng m  
RT: 6.434 min Scan# 739  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

Tgt Ion: 93 Resp: 206266  
Ion Ratio Lower Upper  
93 100  
66 174.3 35.4 53.0#  
65 126.0 17.8 26.8#





#7

Phenol-d6

Concen: 86.709 ng

RT: 6.416 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

Tgt Ion: 99 Resp: 93844

Ion Ratio Lower Upper

99 100

42 23.3 17.9 26.9

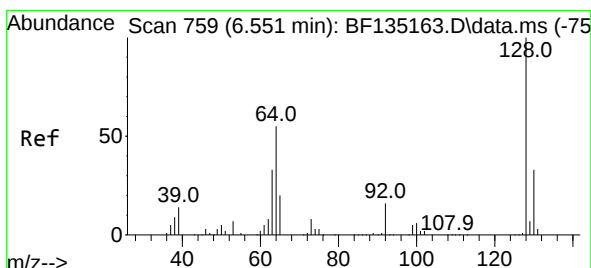
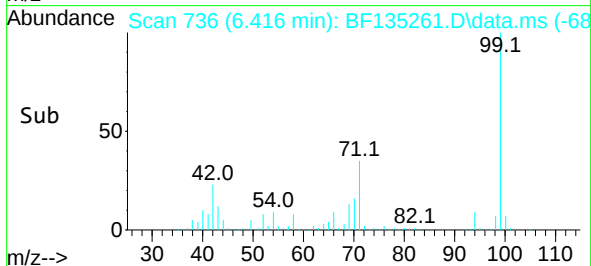
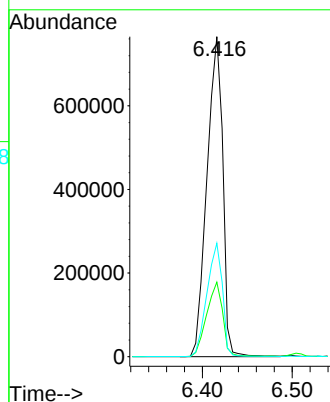
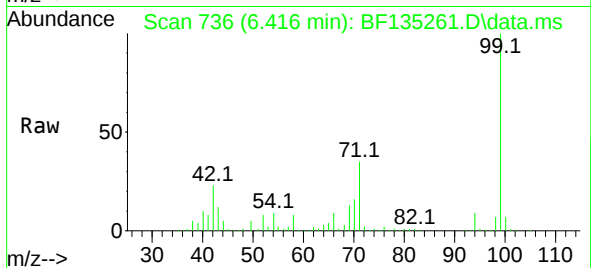
71 35.4 27.0 40.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#8

2-Chlorophenol

Concen: 40.050 ng

RT: 6.551 min Scan# 759

Delta R.T. 0.000 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

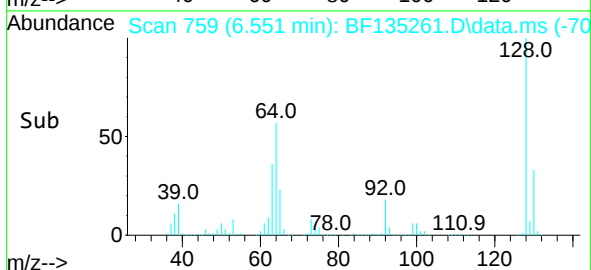
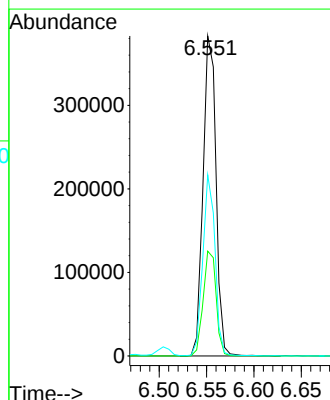
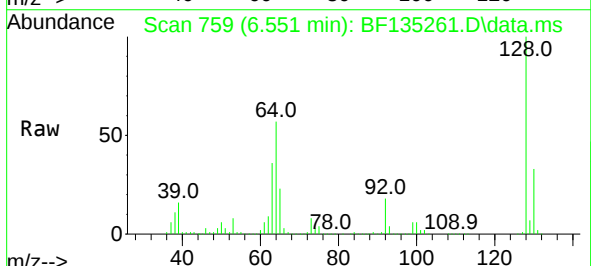
Tgt Ion:128 Resp: 363894

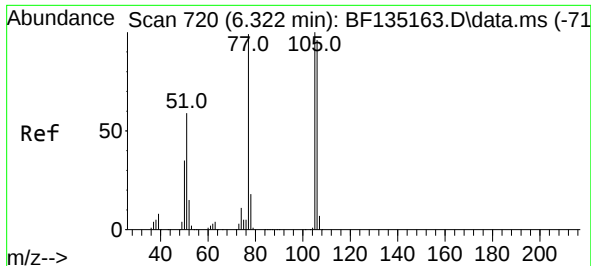
Ion Ratio Lower Upper

128 100

130 32.7 12.7 52.7

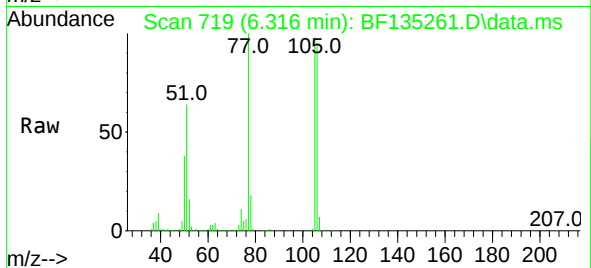
64 56.6 35.9 75.9





#9  
Benzaldehyde  
Concen: 21.140 ng  
RT: 6.316 min Scan# 719  
Delta R.T. -0.006 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

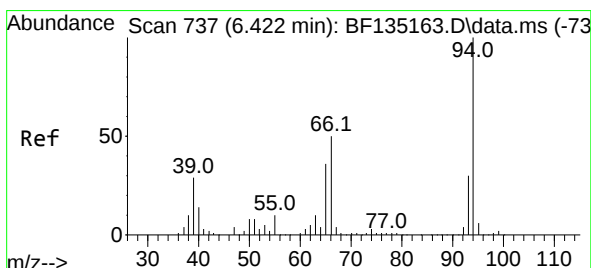
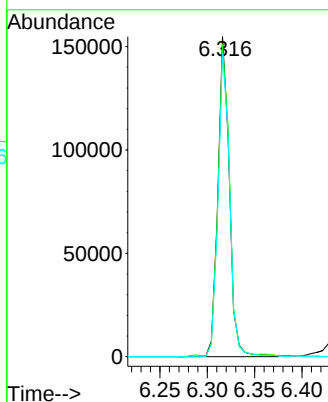
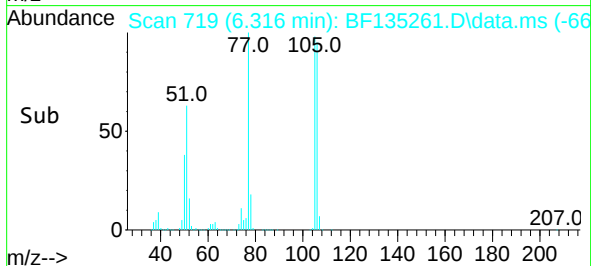
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



Tgt Ion: 77 Resp: 130342  
Ion Ratio Lower Upper  
77 100  
105 97.6 81.4 121.4  
106 94.9 76.9 116.9

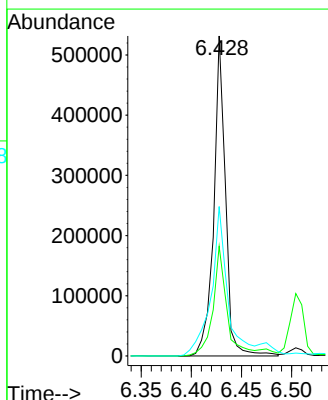
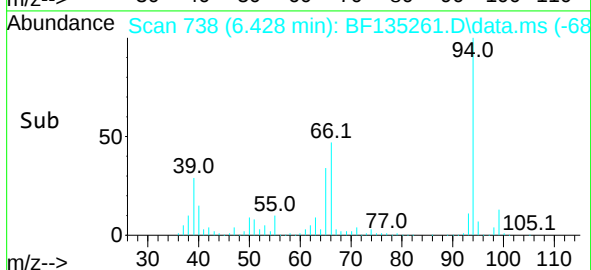
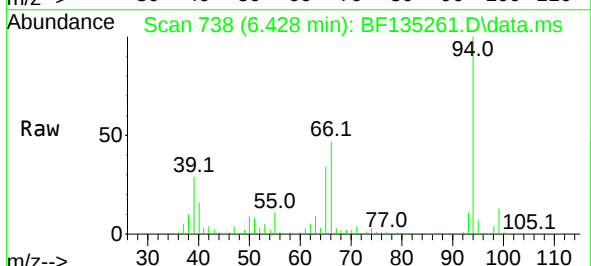
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023



#10  
Phenol  
Concen: 36.478 ng  
RT: 6.428 min Scan# 738  
Delta R.T. 0.006 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

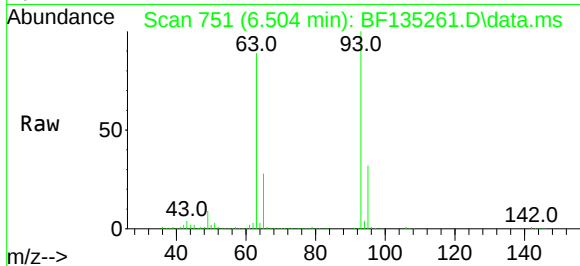
Tgt Ion: 94 Resp: 432915  
Ion Ratio Lower Upper  
94 100  
65 34.3 15.9 55.9  
66 46.7 29.8 69.8





#11  
bis(2-Chloroethyl)ether  
Concen: 40.636 ng  
RT: 6.504 min Scan# 751  
Delta R.T. -0.006 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

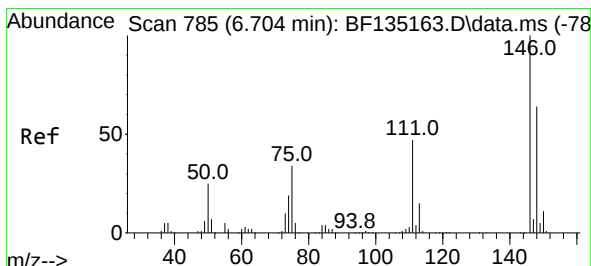
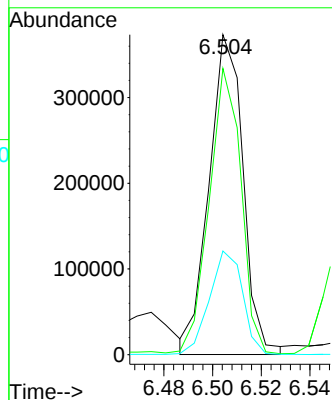
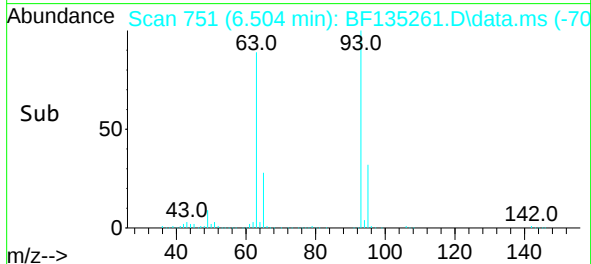
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



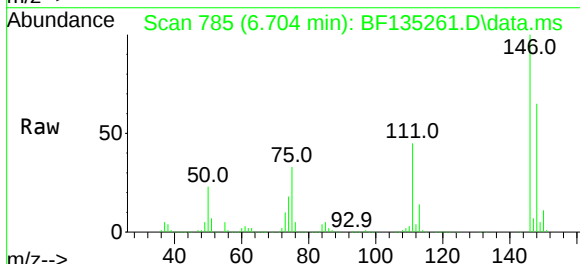
Tgt Ion: 93 Resp: 361749  
Ion Ratio Lower Upper  
93 100  
63 89.5 67.3 107.3  
95 32.4 12.7 52.7

Manual Integrations  
APPROVED

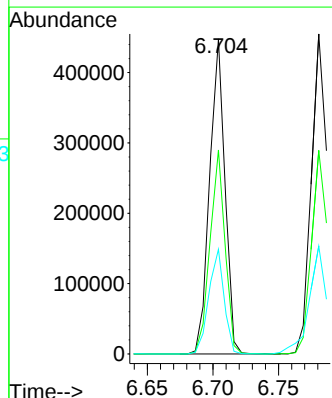
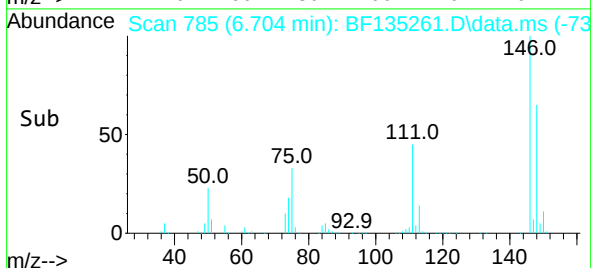
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023

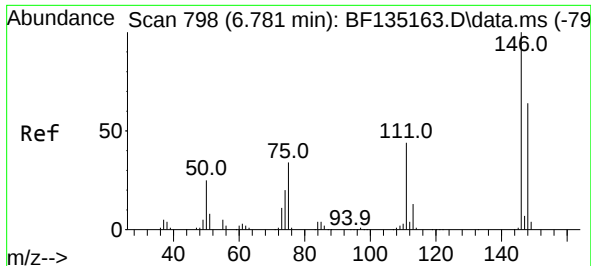


#12  
1,3-Dichlorobenzene  
Concen: 39.524 ng  
RT: 6.704 min Scan# 785  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00



Tgt Ion:146 Resp: 364968  
Ion Ratio Lower Upper  
146 100  
148 64.8 51.3 76.9  
75 33.2 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 39.996 ng

RT: 6.781 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

Tgt Ion:146 Resp: 37575

Ion Ratio Lower Upper

146 100

148 63.6 51.3 76.9

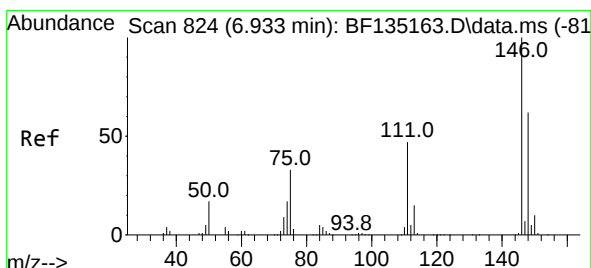
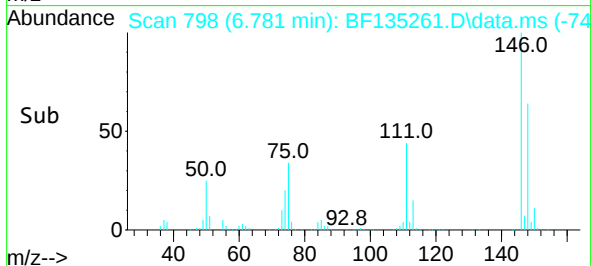
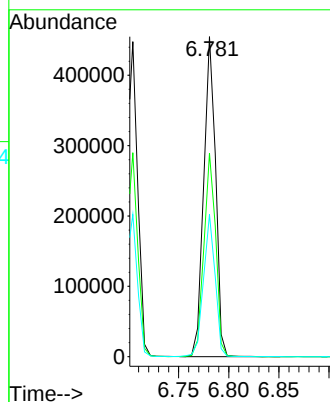
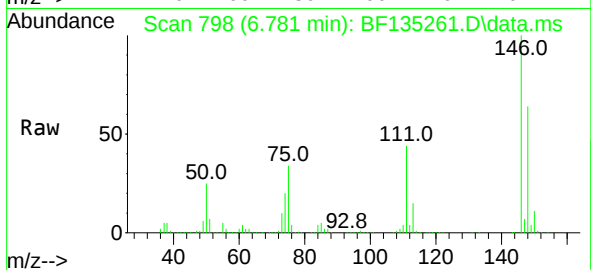
111 44.4 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#14

1,2-Dichlorobenzene

Concen: 40.168 ng

RT: 6.934 min Scan# 824

Delta R.T. 0.000 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

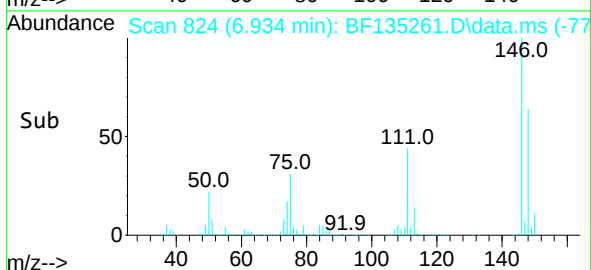
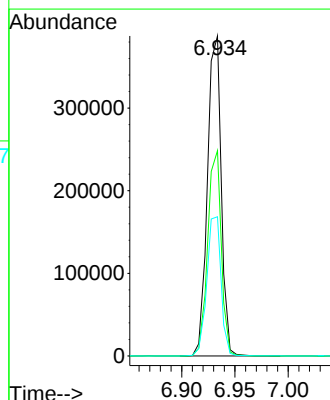
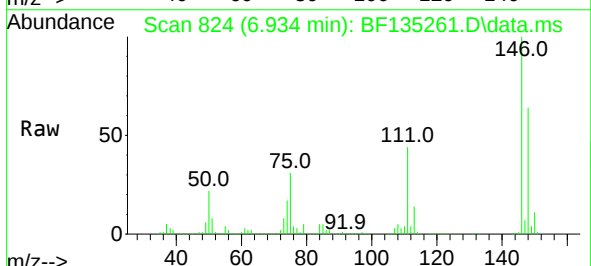
Tgt Ion:146 Resp: 350445

Ion Ratio Lower Upper

146 100

148 64.2 49.7 74.5

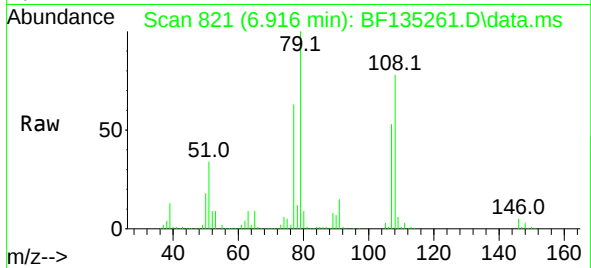
111 43.5 37.4 56.2





#15  
Benzyl Alcohol  
Concen: 40.006 ng  
RT: 6.916 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

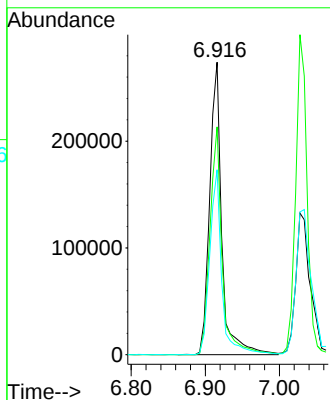
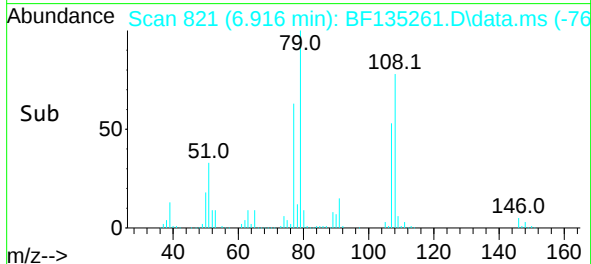
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



Tgt Ion: 79 Resp: 310704  
Ion Ratio Lower Upper  
79 100  
108 77.9 61.2 91.8  
77 63.2 50.5 75.7

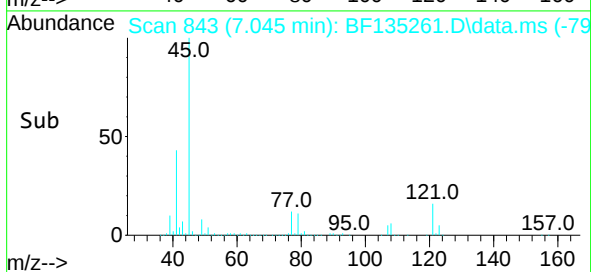
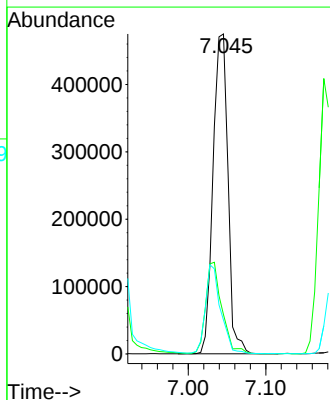
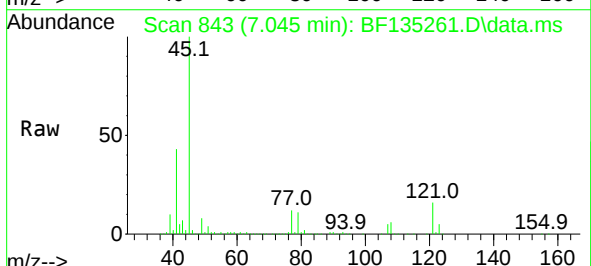
Manual Integrations  
APPROVED

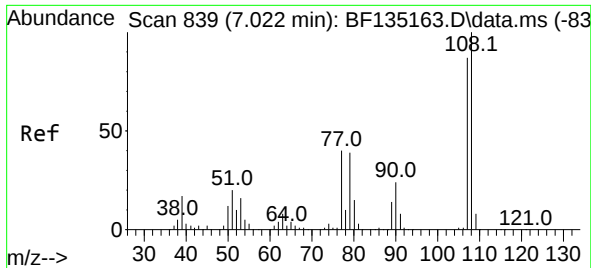
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.760 ng  
RT: 7.045 min Scan# 843  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

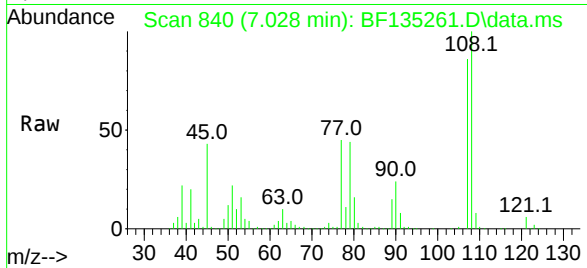
Tgt Ion: 45 Resp: 633606  
Ion Ratio Lower Upper  
45 100  
77 12.3 0.0 30.6  
79 10.6 0.0 28.3





#17  
2-Methylphenol  
Concen: 34.579 ng  
RT: 7.028 min Scan# 841  
Delta R.T. 0.006 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

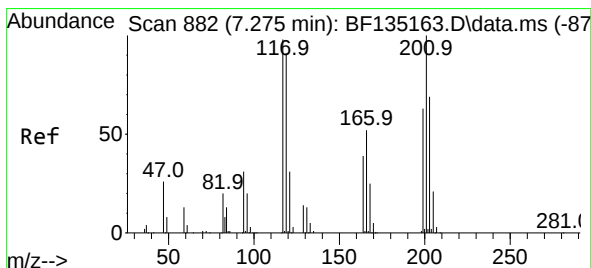
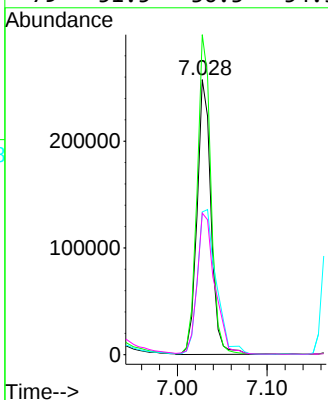
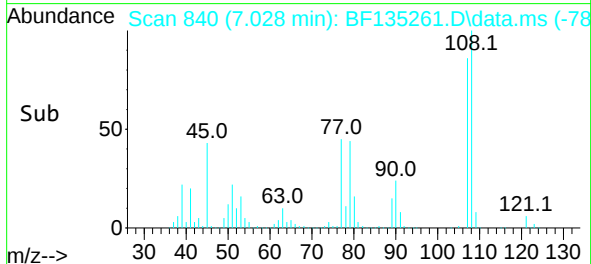
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



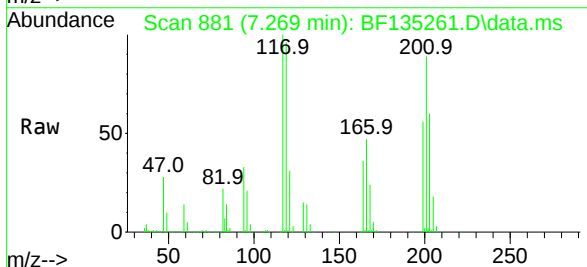
Tgt Ion:107 Resp: 27726  
Ion Ratio Lower Upper  
107 100  
108 116.4 92.0 138.0  
77 51.9 36.7 55.1  
79 51.5 36.3 54.5

Manual Integrations  
APPROVED

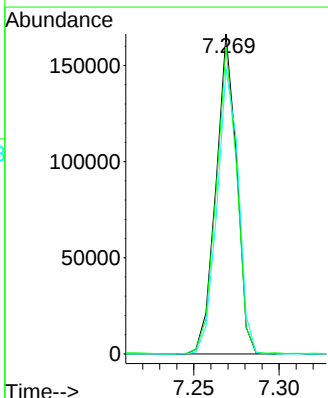
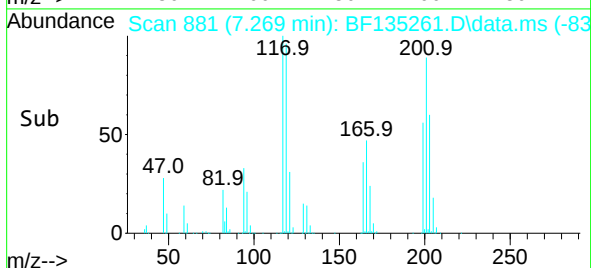
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023



#18  
Hexachloroethane  
Concen: 40.457 ng  
RT: 7.269 min Scan# 881  
Delta R.T. -0.006 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00



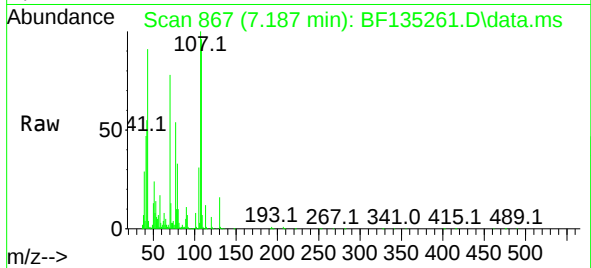
Tgt Ion:117 Resp: 140437  
Ion Ratio Lower Upper  
117 100  
119 95.9 74.7 112.1  
201 89.0 81.8 122.8





#19  
n-Nitroso-di-n-propylamine  
Concen: 36.558 ng  
RT: 7.187 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

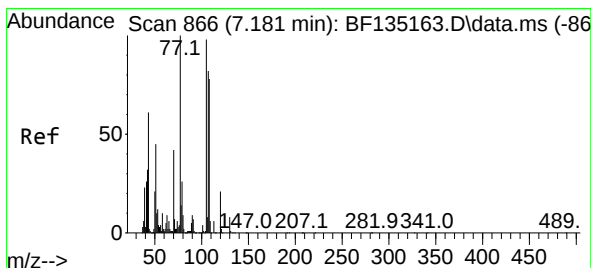
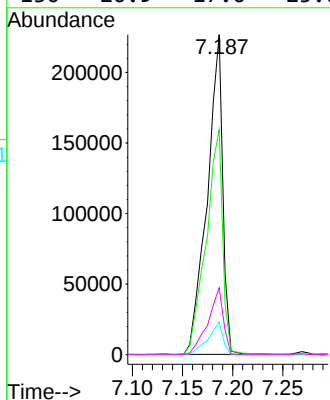
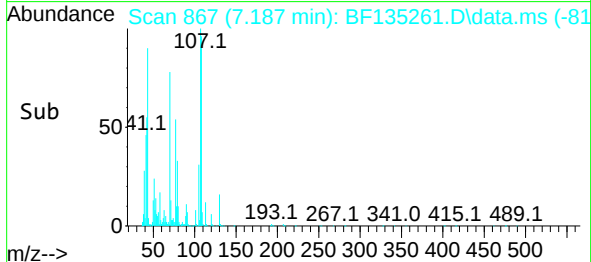
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



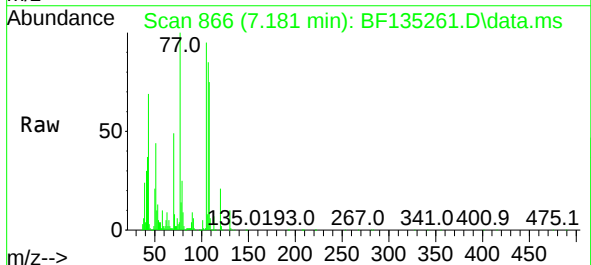
Tgt Ion: 70 Resp: 245070  
Ion Ratio Lower Upper  
70 100  
42 70.3 55.4 83.0  
101 10.2 7.7 11.5  
130 20.9 17.0 25.6

Manual Integrations  
APPROVED

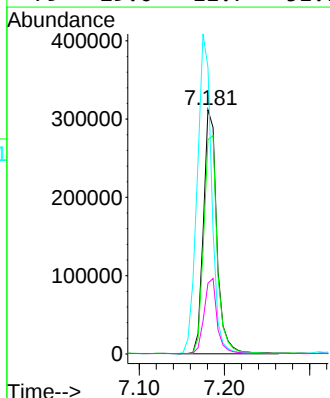
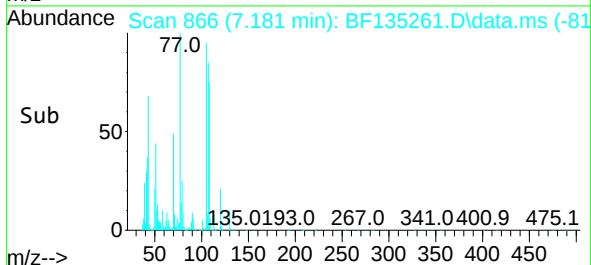
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023

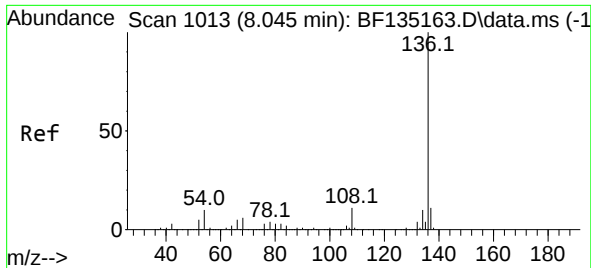


#20  
3+4-Methylphenols  
Concen: 35.228 ng  
RT: 7.181 min Scan# 866  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00



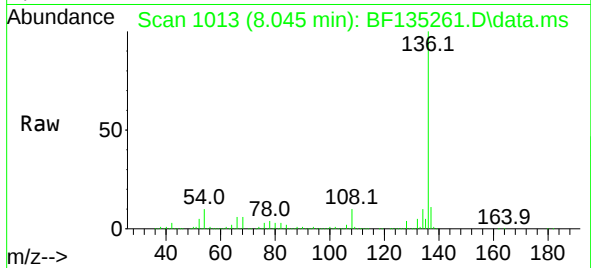
Tgt Ion:107 Resp: 339646  
Ion Ratio Lower Upper  
107 100  
108 87.7 74.7 114.7  
77 117.4 102.0 142.0  
79 29.0 11.7 51.7





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.045 min Scan# 1013  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

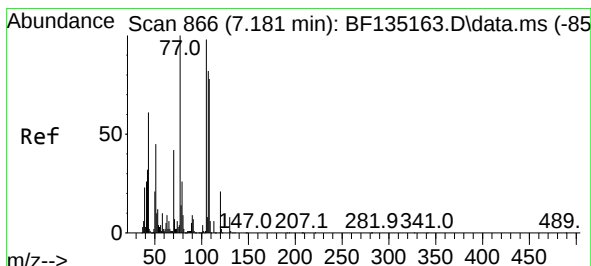
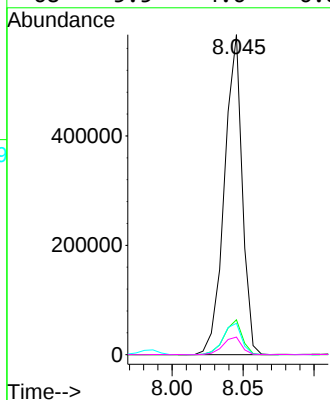
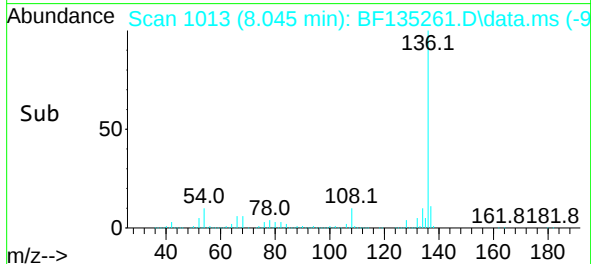
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 10.9  | 8.8   | 13.2  |
| 54      | 9.8   | 7.7   | 11.5  |
| 68      | 5.5   | 4.6   | 6.8   |

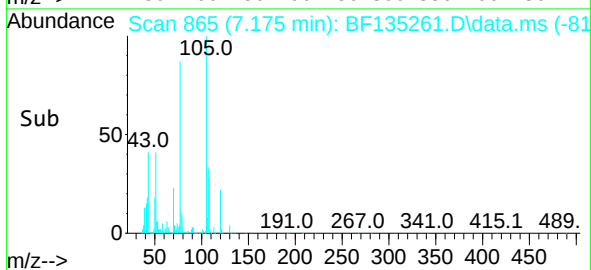
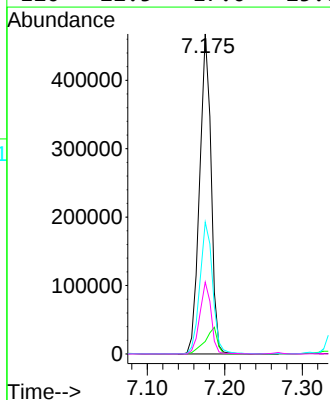
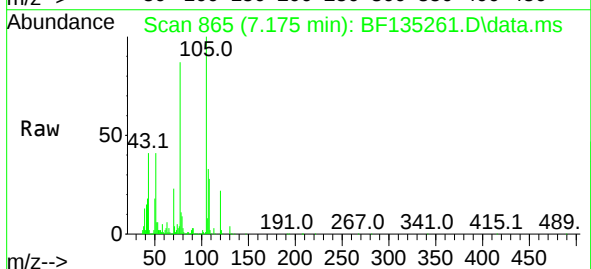
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023



#22  
Acetophenone  
Concen: 41.321 ng  
RT: 7.175 min Scan# 865  
Delta R.T. -0.006 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

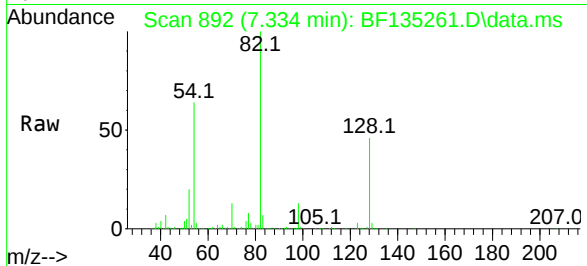
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 71      | 3.9   | 5.8   | 8.6#  |
| 51      | 41.2  | 37.0  | 55.4  |
| 120     | 22.5  | 17.0  | 25.6  |





#23  
Nitrobenzene-d5  
Concen: 63.699 ng  
RT: 7.334 min Scan# 892  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

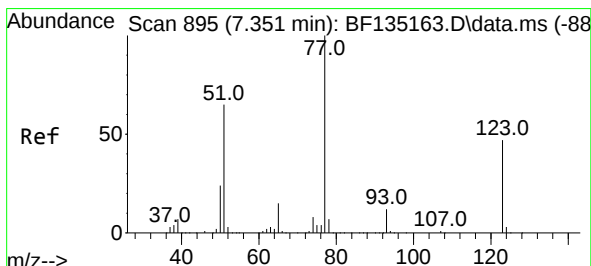
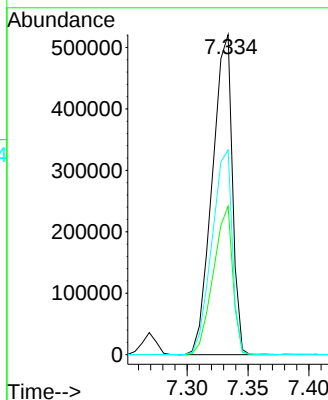
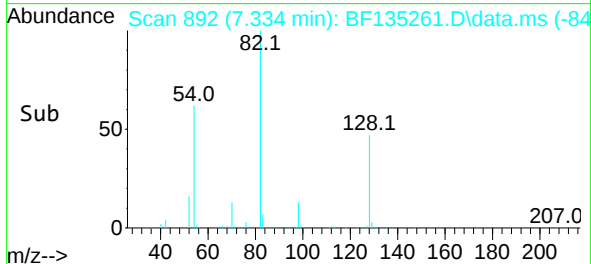
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



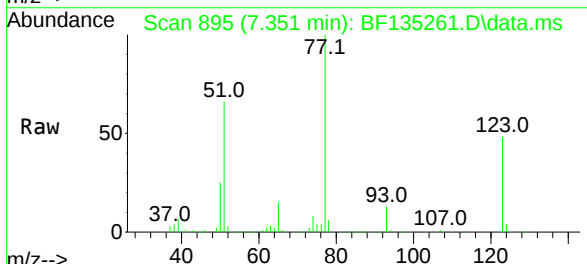
Tgt Ion: 82 Resp: 59785  
Ion Ratio Lower Upper  
82 100  
128 46.4 35.8 53.6  
54 64.0 50.6 76.0

Manual Integrations  
APPROVED

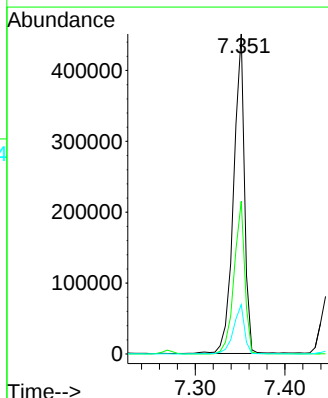
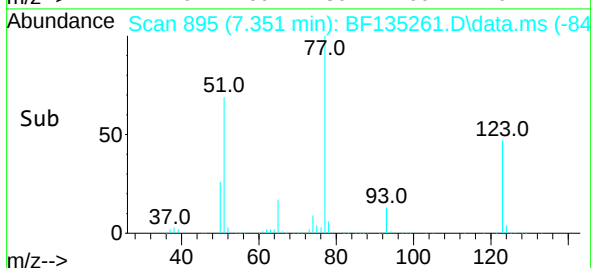
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023

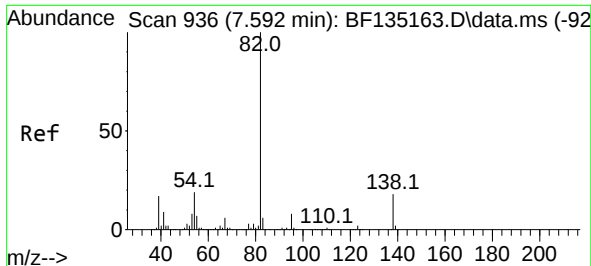


#24  
Nitrobenzene  
Concen: 40.983 ng  
RT: 7.351 min Scan# 895  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00



Tgt Ion: 77 Resp: 380185  
Ion Ratio Lower Upper  
77 100  
123 47.7 37.6 56.4  
65 15.4 12.2 18.4





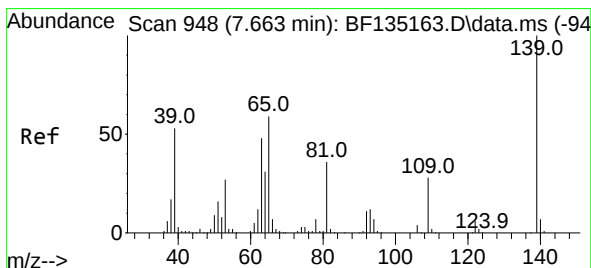
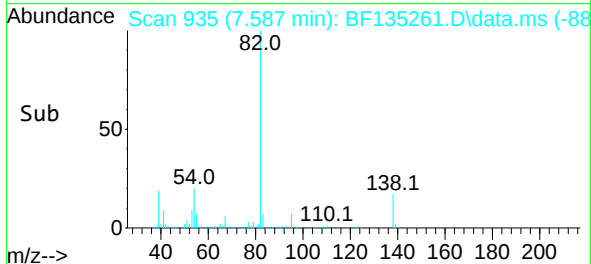
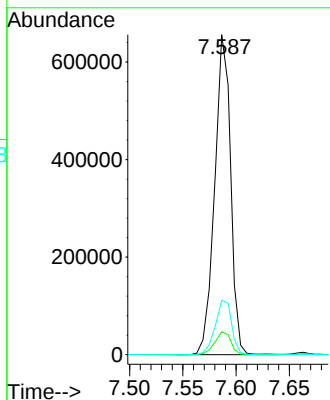
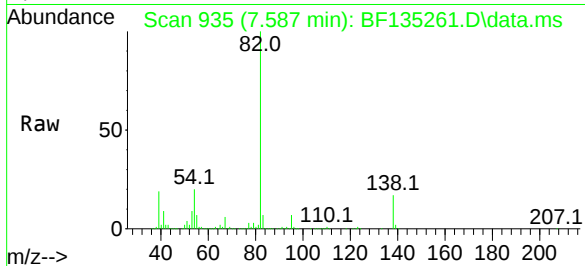
#25  
Isophorone  
Concen: 39.392 ng  
RT: 7.587 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

Tgt Ion: 82 Resp: 678890  
Ion Ratio Lower Upper  
82 100  
95 7.2 6.0 9.0  
138 17.0 14.5 21.7

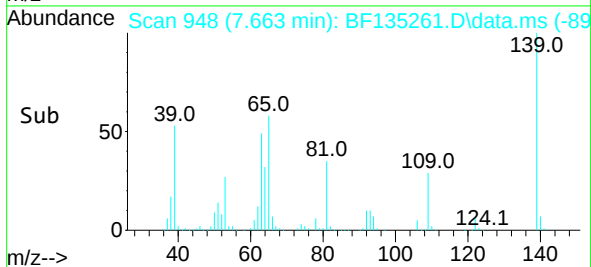
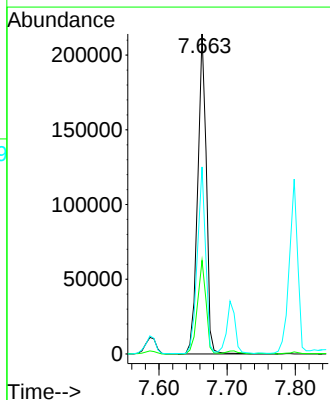
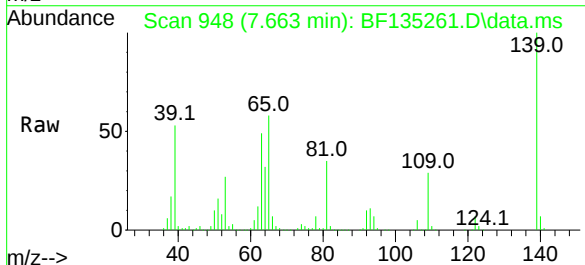
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023



#26  
2-Nitrophenol  
Concen: 42.429 ng  
RT: 7.663 min Scan# 948  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

Tgt Ion:139 Resp: 188907  
Ion Ratio Lower Upper  
139 100  
109 29.3 22.6 33.8  
65 58.4 47.0 70.4





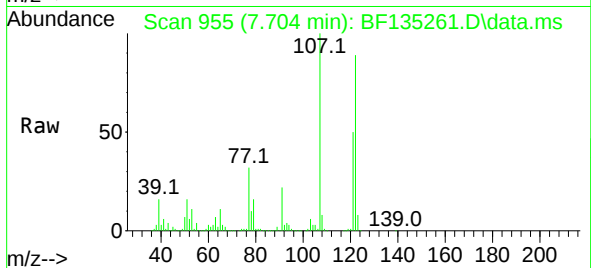
#27  
2,4-Dimethylphenol  
Concen: 36.839 ng  
RT: 7.704 min Scan# 955  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

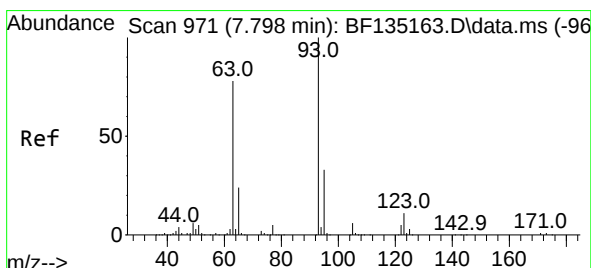
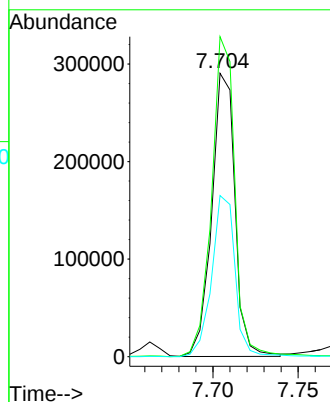
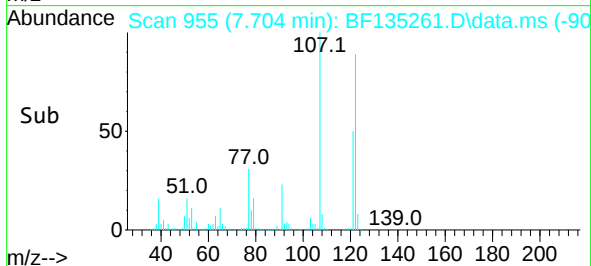


Tgt Ion:122 Resp: 27569  
Ion Ratio Lower Upper  
122 100  
107 112.9 90.2 135.4  
121 56.8 46.3 69.5

Manual Integrations

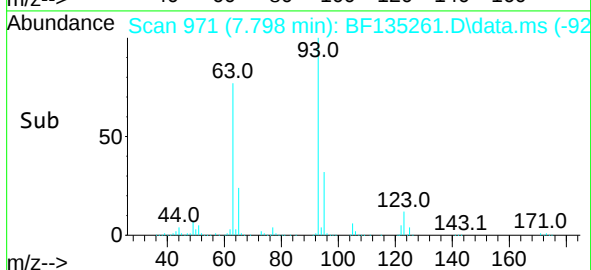
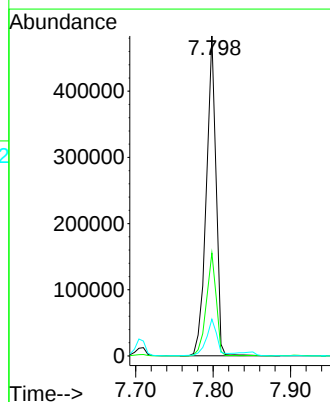
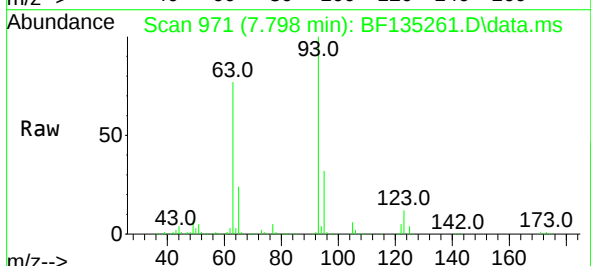
APPROVED

Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.894 ng  
RT: 7.798 min Scan# 971  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

Tgt Ion: 93 Resp: 421837  
Ion Ratio Lower Upper  
93 100  
95 32.2 26.2 39.2  
123 11.5 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 40.968 ng

RT: 7.910 min Scan# 990

Delta R.T. 0.006 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

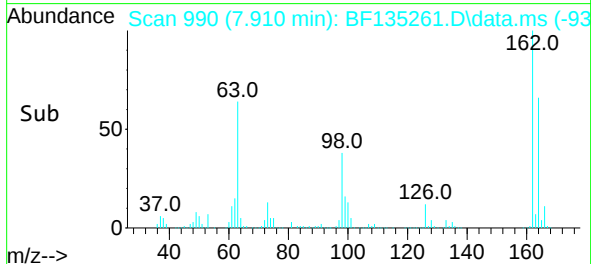
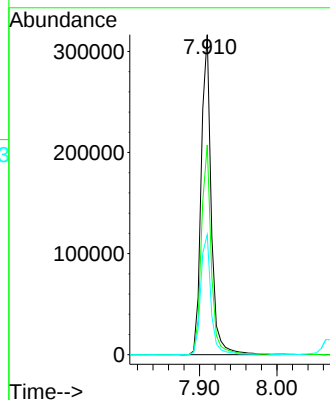
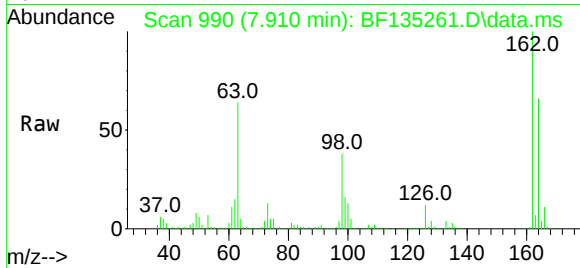
Tgt Ion:162 Resp: 284090  
 Ion Ratio Lower Upper  
 162 100  
 164 65.5 44.1 84.1  
 98 37.5 20.3 60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.326 ng

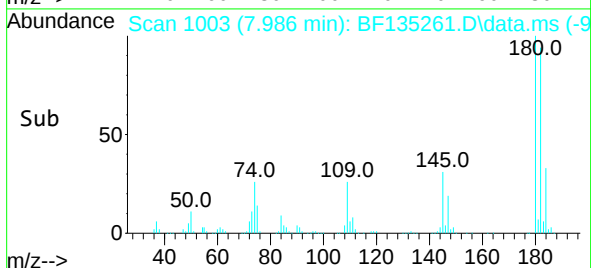
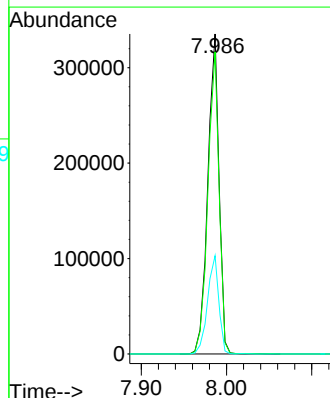
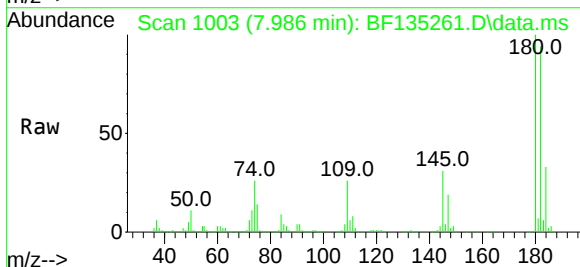
RT: 7.986 min Scan# 1003

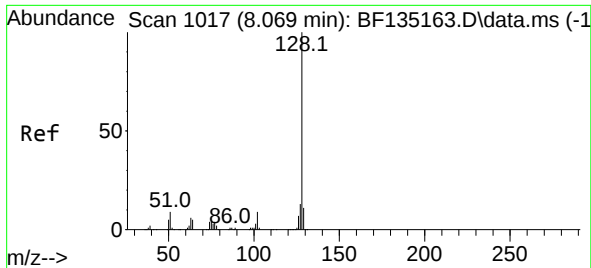
Delta R.T. 0.000 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

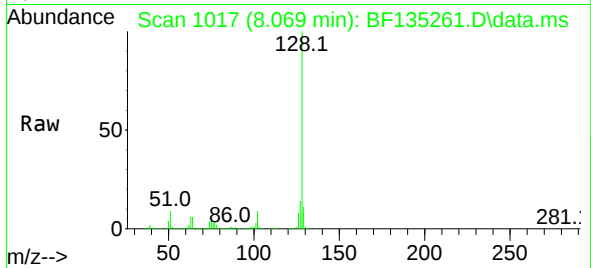
Tgt Ion:180 Resp: 306793  
 Ion Ratio Lower Upper  
 180 100  
 182 94.4 76.9 115.3  
 145 30.7 24.5 36.7





#31  
Naphthalene  
Concen: 39.828 ng  
RT: 8.069 min Scan# 1017  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

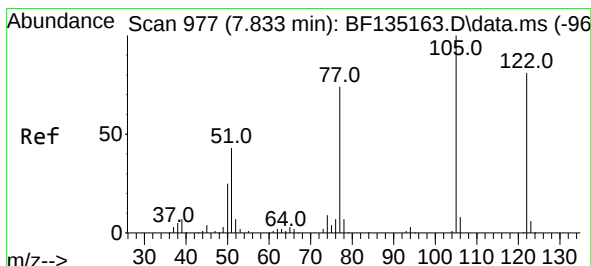
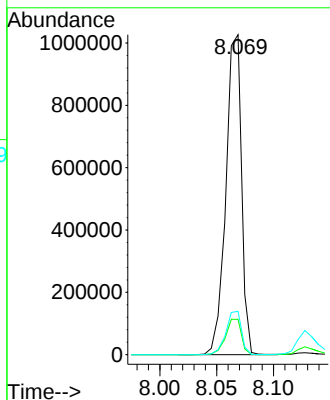
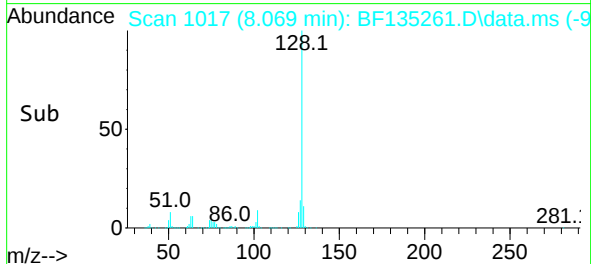
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



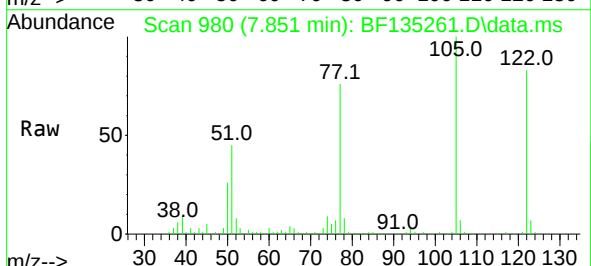
Tgt Ion:128 Resp: 98675  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.7 13.1  
127 13.6 10.7 16.1

Manual Integrations  
APPROVED

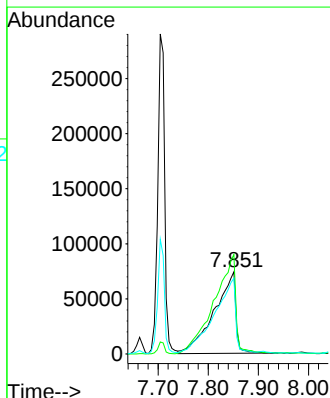
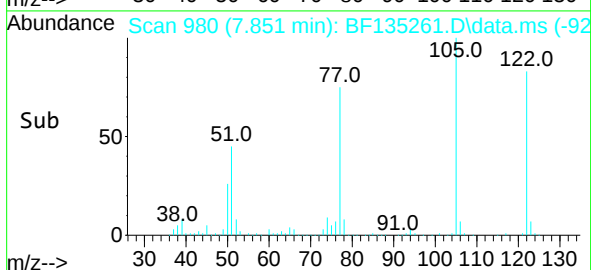
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023

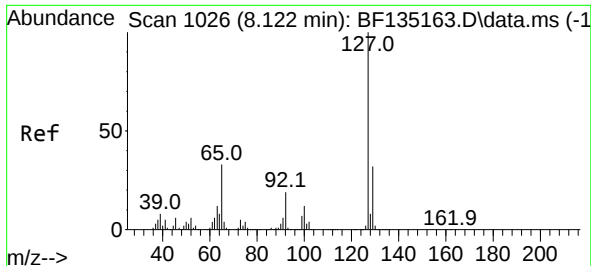


#32  
Benzoic acid  
Concen: 39.226 ng  
RT: 7.851 min Scan# 980  
Delta R.T. 0.018 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00



Tgt Ion:122 Resp: 221055  
Ion Ratio Lower Upper  
122 100  
105 121.2 99.9 139.9  
77 92.3 70.0 110.0





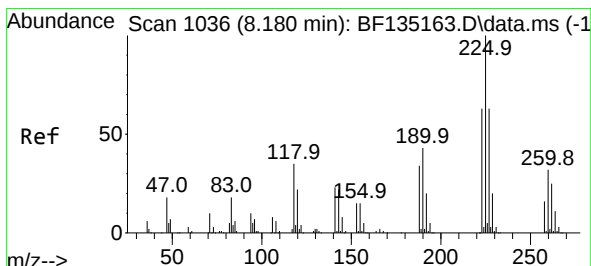
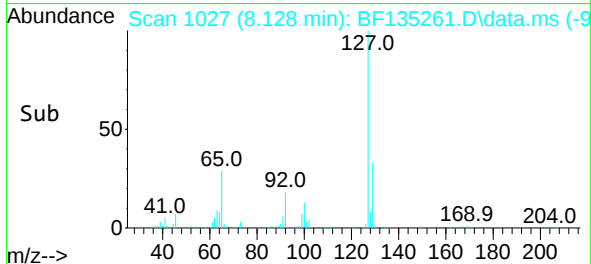
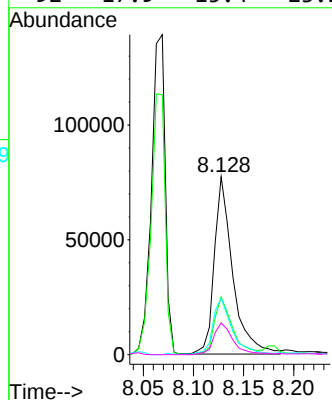
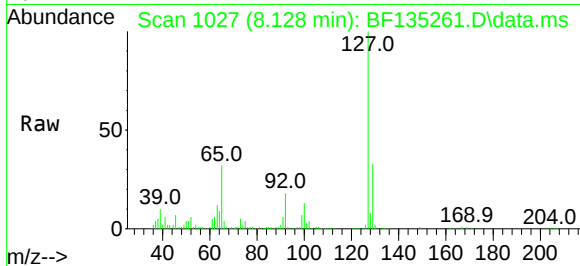
#33  
4-Chloroaniline  
Concen: 9.084 ng  
RT: 8.128 min Scan# 1026  
Delta R.T. 0.006 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 98738 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 32.5  | 25.8  | 38.8  |
| 65        | 32.0  | 26.6  | 39.8  |
| 92        | 17.9  | 15.4  | 23.2  |

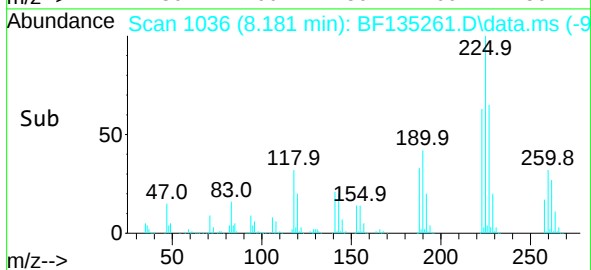
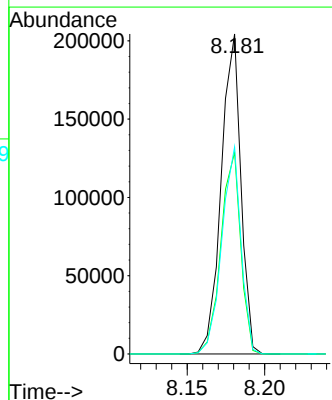
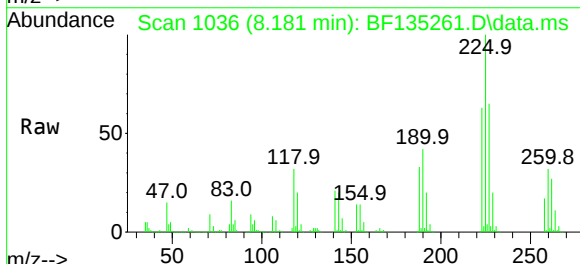
Manual Integrations  
APPROVED

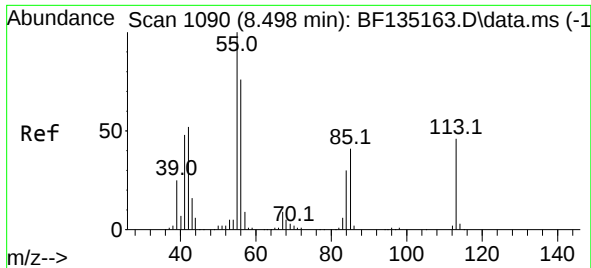
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023



#34  
Hexachlorobutadiene  
Concen: 41.226 ng  
RT: 8.181 min Scan# 1036  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

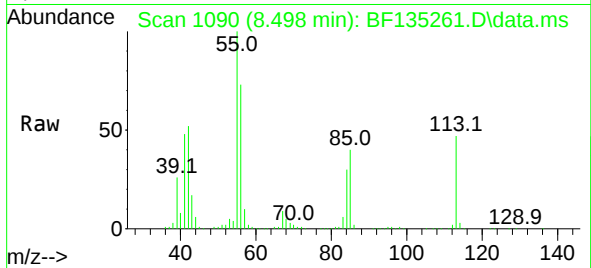
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 180182 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 63.0  | 50.6  | 75.8   |
| 227       | 64.7  | 50.8  | 76.2   |





#35  
 Caprolactam  
 Concen: 38.704 ng m  
 RT: 8.498 min Scan# 1090  
 Delta R.T. 0.000 min  
 Lab File: BF135261.D  
 Acq: 14 Sep 2023 19:00

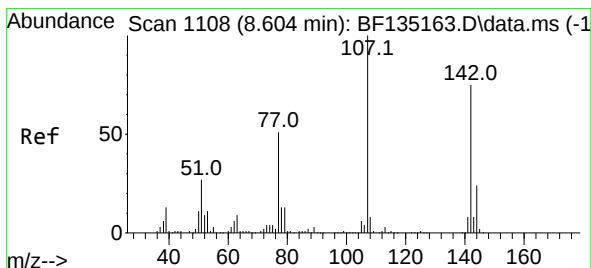
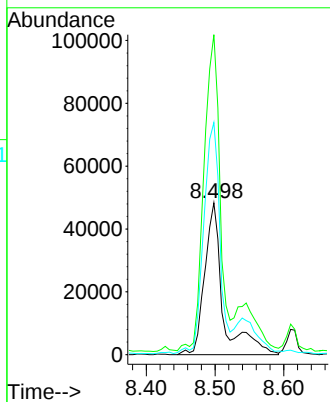
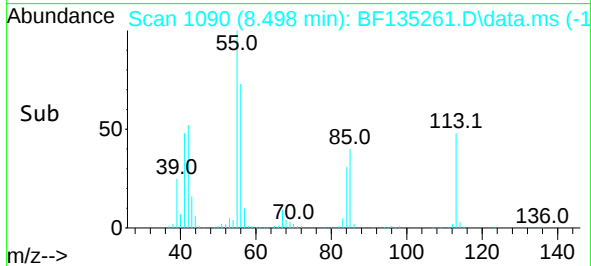
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-1MS



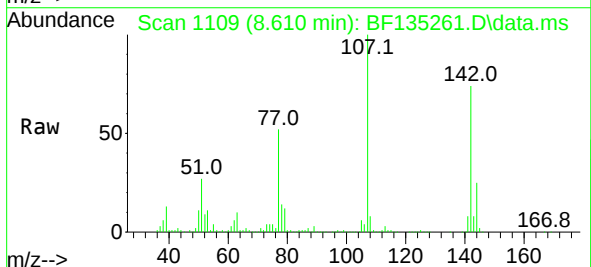
Tgt Ion:113 Resp: 90078  
 Ion Ratio Lower Upper  
 113 100  
 55 210.7 199.3 239.3  
 56 152.9 146.3 186.3

Manual Integrations  
 APPROVED

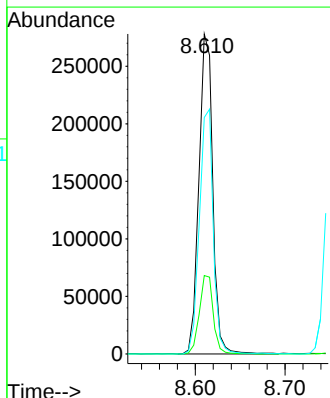
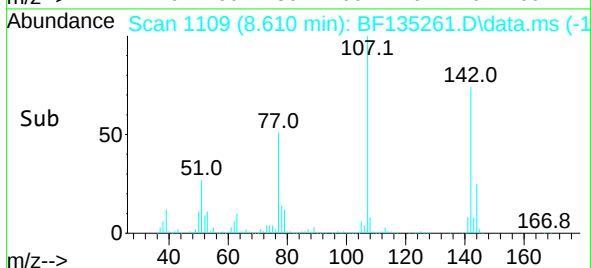
Reviewed By :Yogesh Patel 09/15/2023  
 Supervised By :mohammad ahmed 09/15/2023

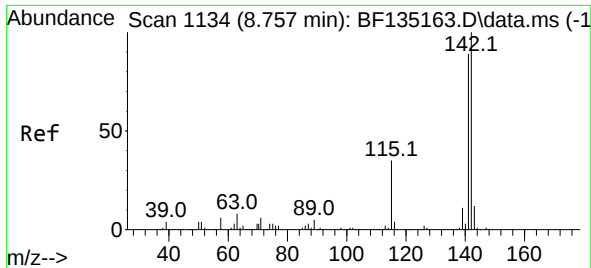


#36  
 4-Chloro-3-methylphenol  
 Concen: 38.645 ng  
 RT: 8.610 min Scan# 1109  
 Delta R.T. 0.006 min  
 Lab File: BF135261.D  
 Acq: 14 Sep 2023 19:00



Tgt Ion:107 Resp: 297848  
 Ion Ratio Lower Upper  
 107 100  
 144 24.5 19.0 28.4  
 142 73.9 60.2 90.2





#37

2-Methylnaphthalene

Concen: 35.830 ng

RT: 8.757 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

Tgt Ion:142 Resp: 59671

Ion Ratio Lower Upper

142 100

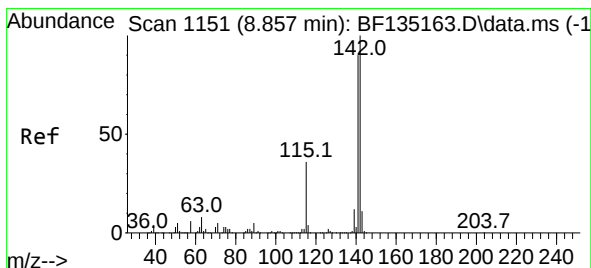
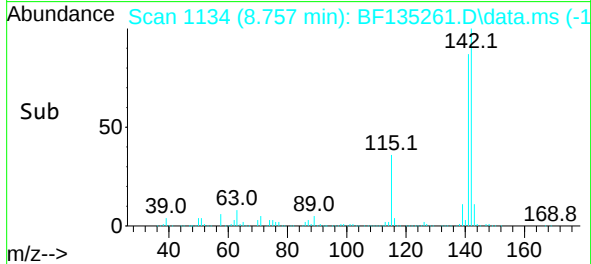
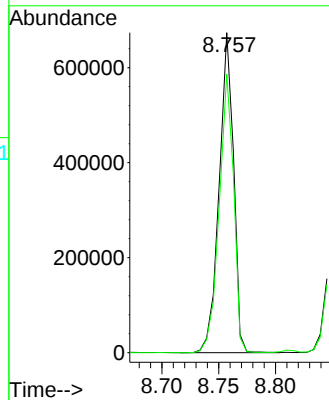
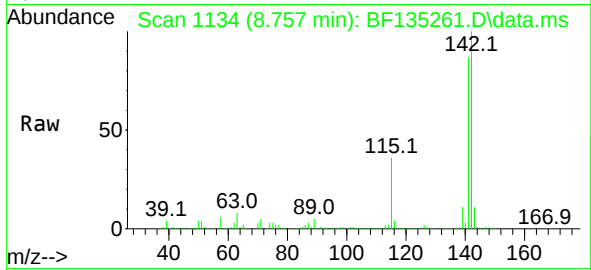
141 87.1 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#38

1-Methylnaphthalene

Concen: 36.985 ng

RT: 8.857 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF135261.D

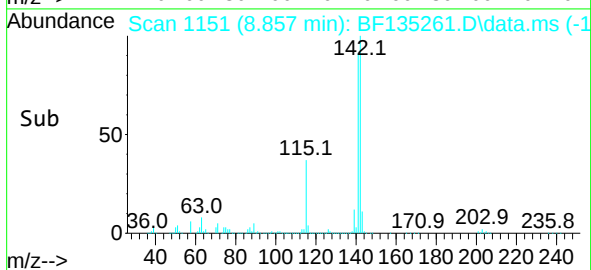
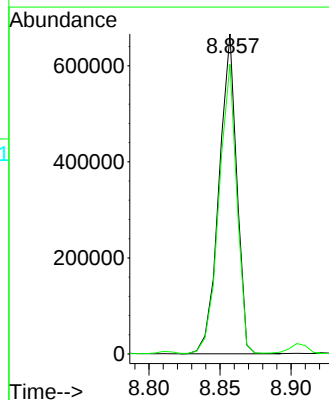
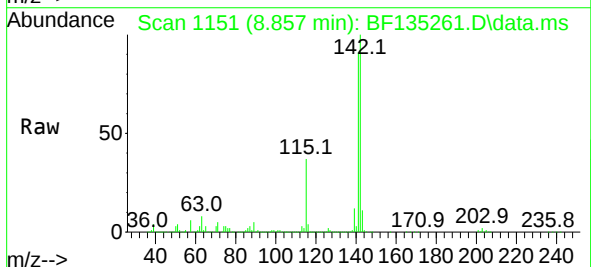
Acq: 14 Sep 2023 19:00

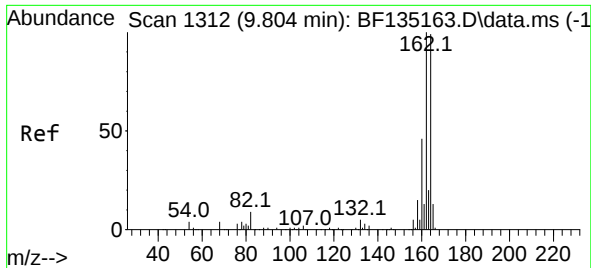
Tgt Ion:142 Resp: 576661

Ion Ratio Lower Upper

142 100

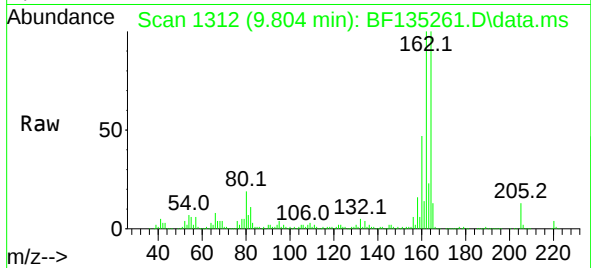
141 90.6 72.4 108.6





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.804 min Scan# 1162  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

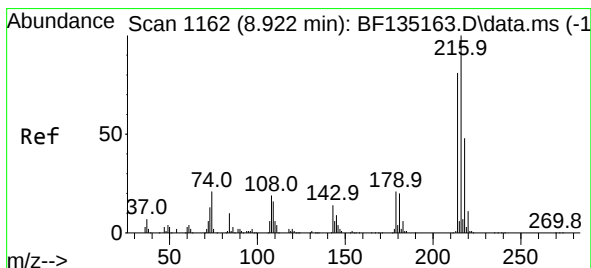
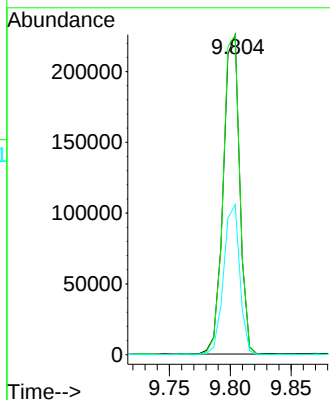
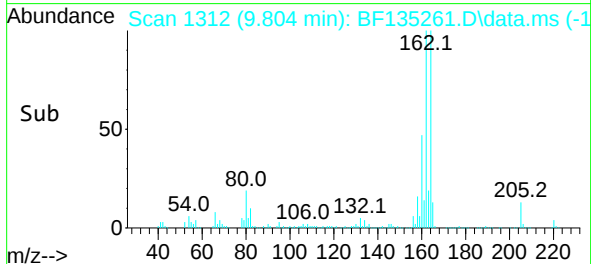
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



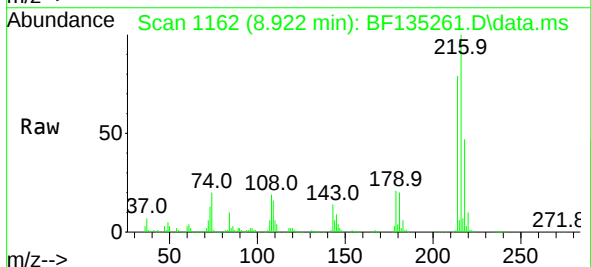
Tgt Ion:164 Resp: 21194  
Ion Ratio Lower Upper  
164 100  
162 99.8 81.0 121.4  
160 46.9 37.0 55.4

Manual Integrations  
APPROVED

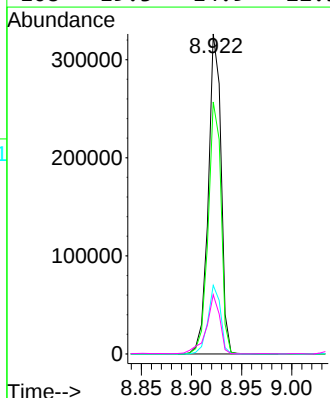
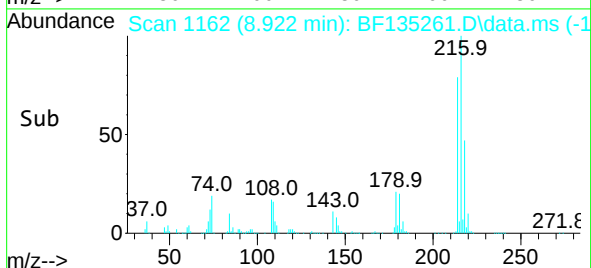
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 46.782 ng  
RT: 8.922 min Scan# 1162  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00



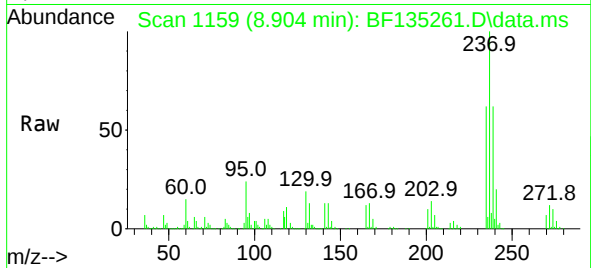
Tgt Ion:216 Resp: 287246  
Ion Ratio Lower Upper  
216 100  
214 79.6 63.7 95.5  
179 21.1 16.7 25.1  
108 19.3 14.9 22.3





#41  
Hexachlorocyclopentadiene  
Concen: 59.364 ng  
RT: 8.904 min Scan# 1159  
Delta R.T. -0.006 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

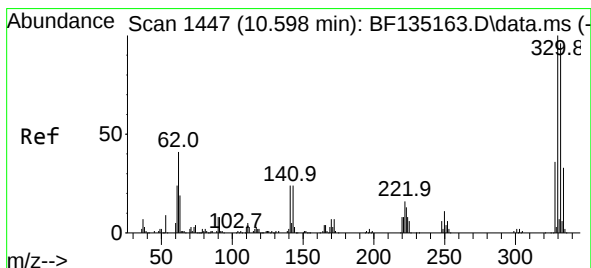
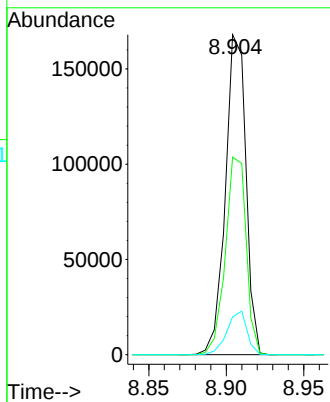
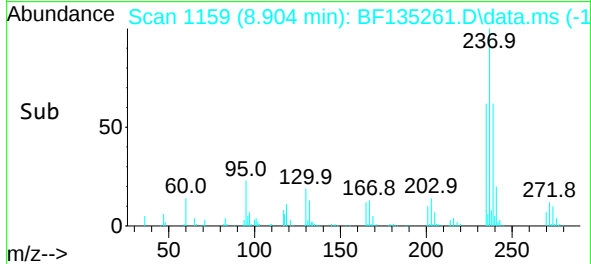
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



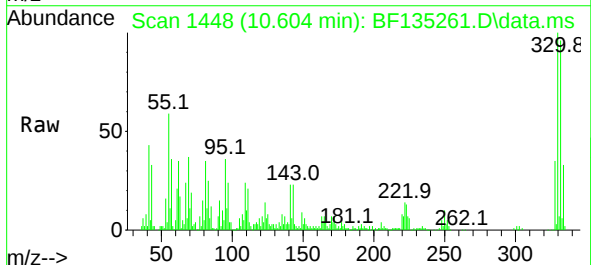
Tgt Ion:237 Resp: 154932  
Ion Ratio Lower Upper  
237 100  
235 61.7 41.8 81.8  
272 11.8 0.0 33.6

Manual Integrations  
APPROVED

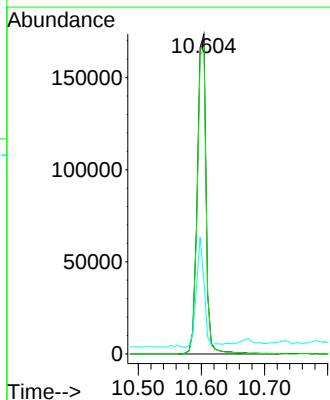
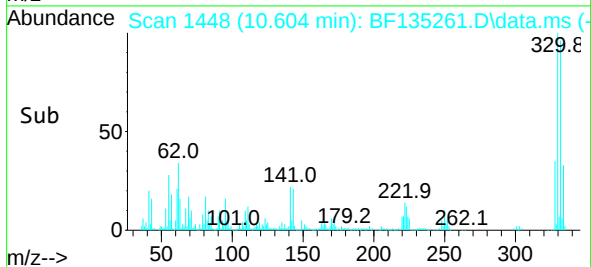
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023

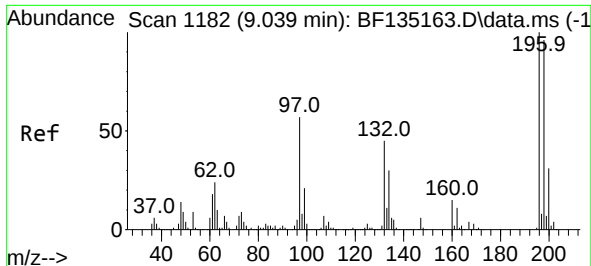


#42  
2,4,6-Tribromophenol  
Concen: 79.443 ng  
RT: 10.604 min Scan# 1448  
Delta R.T. 0.006 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00



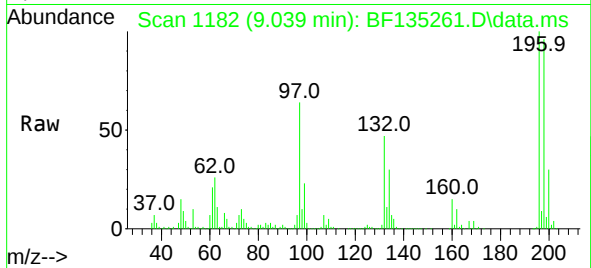
Tgt Ion:330 Resp: 167321  
Ion Ratio Lower Upper  
330 100  
332 96.5 77.3 115.9  
141 31.4 25.8 38.8





#43  
2,4,6-Trichlorophenol  
Concen: 46.303 ng  
RT: 9.039 min Scan# 1182  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

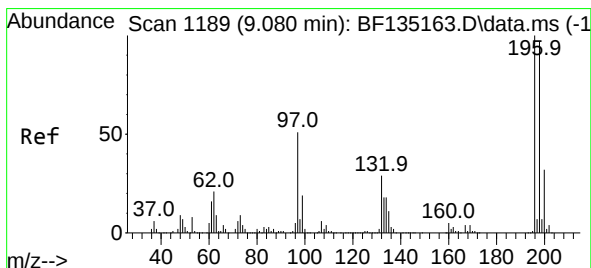
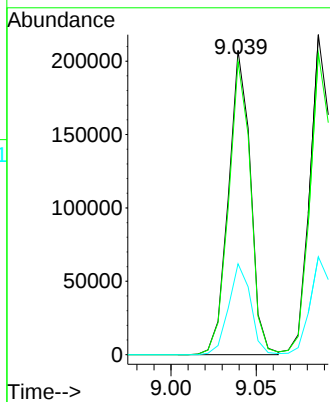
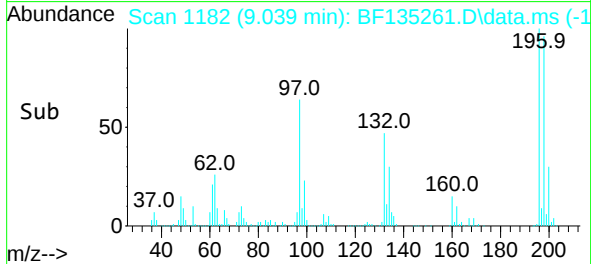
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



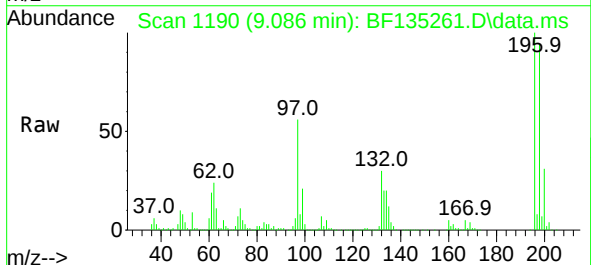
Tgt Ion:196 Resp: 18614  
Ion Ratio Lower Upper  
196 100  
198 96.3 77.0 115.6  
200 29.9 24.5 36.7

Manual Integrations  
APPROVED

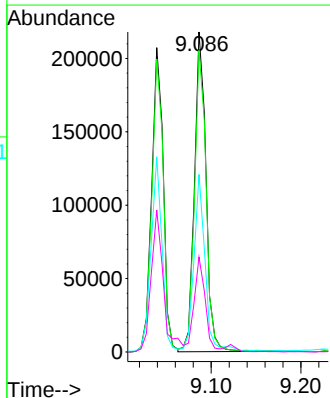
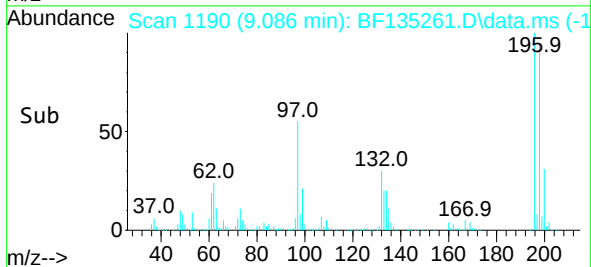
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023

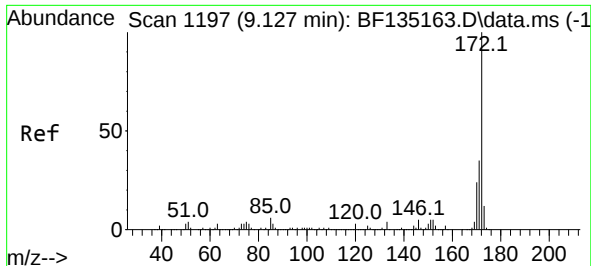


#44  
2,4,5-Trichlorophenol  
Concen: 42.026 ng  
RT: 9.086 min Scan# 1190  
Delta R.T. 0.006 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00



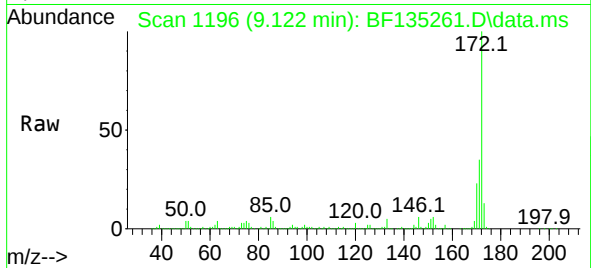
Tgt Ion:196 Resp: 194568  
Ion Ratio Lower Upper  
196 100  
198 94.3 77.5 116.3  
97 55.5 40.5 60.7  
132 29.7 23.3 34.9





#45  
2-Fluorobiphenyl  
Concen: 63.979 ng  
RT: 9.122 min Scan# 1197  
Delta R.T. -0.006 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

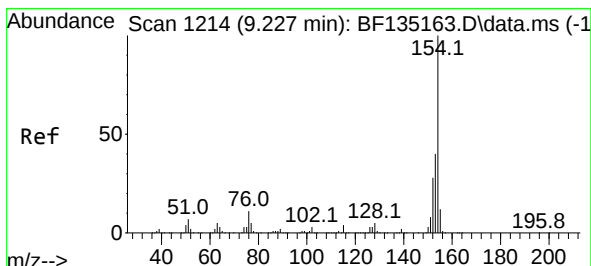
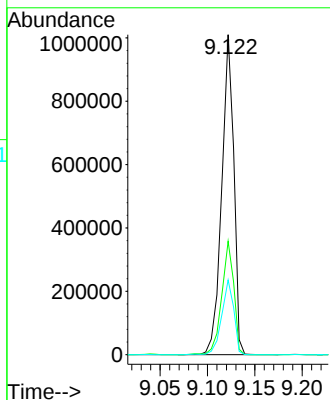
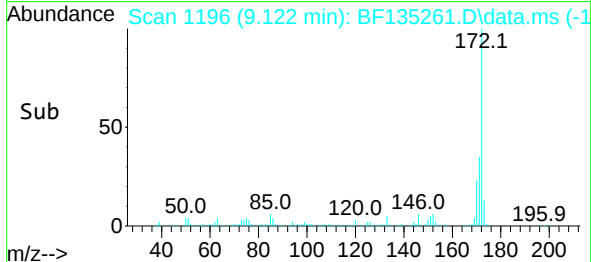
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



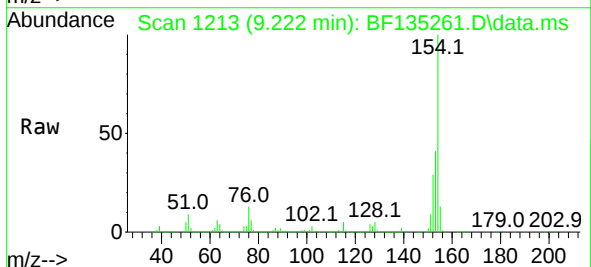
Tgt Ion:172 Resp: 898758  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.4 42.6  
170 23.4 19.0 28.4

Manual Integrations  
APPROVED

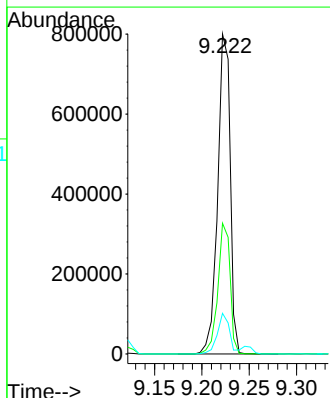
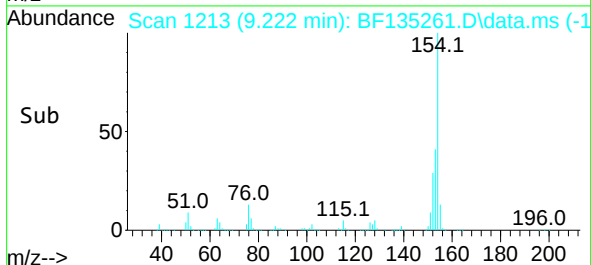
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023

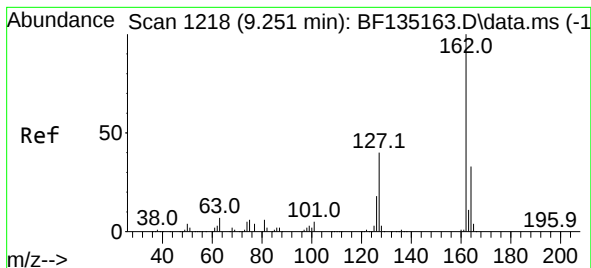


#46  
1,1'-Biphenyl  
Concen: 45.166 ng  
RT: 9.222 min Scan# 1213  
Delta R.T. -0.006 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00



Tgt Ion:154 Resp: 735639  
Ion Ratio Lower Upper  
154 100  
153 40.8 19.6 59.6  
76 12.7 0.0 31.0





#47

2-Chloronaphthalene

Concen: 45.772 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

Tgt Ion:162 Resp: 540910

Ion Ratio Lower Upper

162 100

127 41.3 32.6 48.8

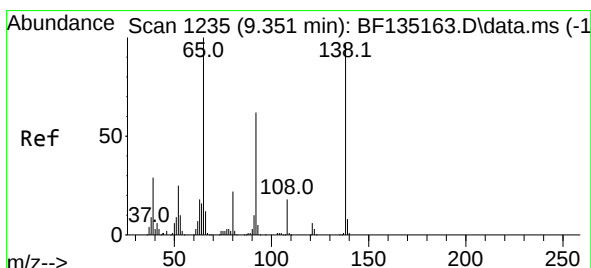
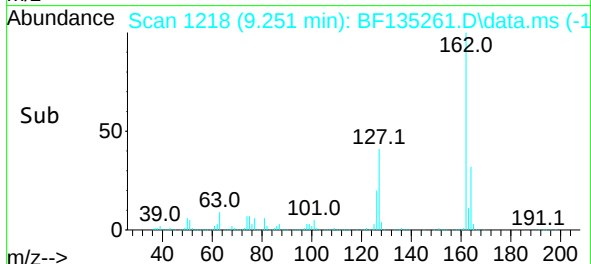
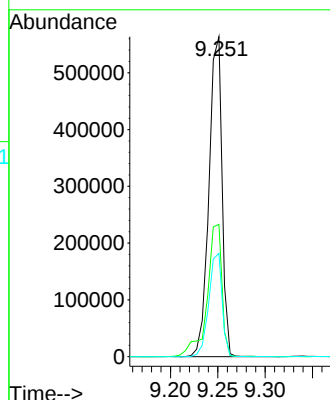
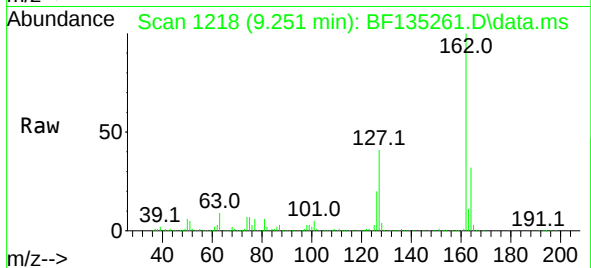
164 32.3 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#48

2-Nitroaniline

Concen: 45.651 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

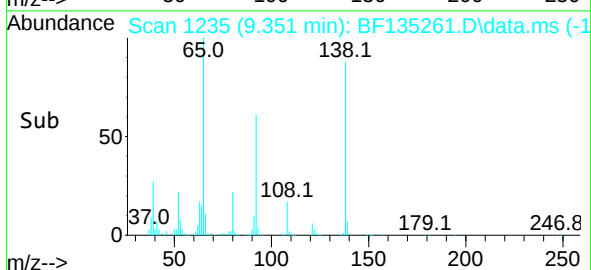
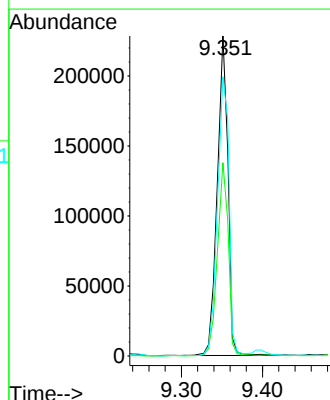
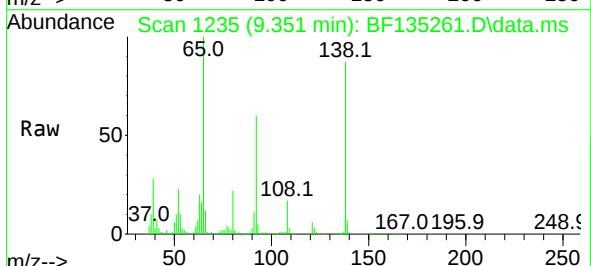
Tgt Ion: 65 Resp: 209586

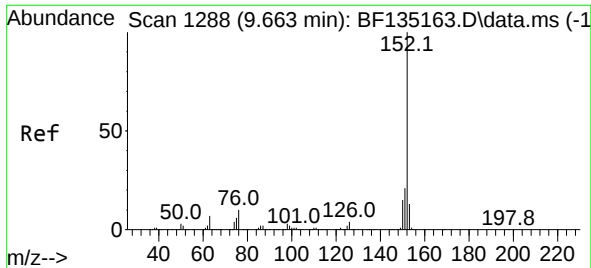
Ion Ratio Lower Upper

65 100

92 60.4 49.4 74.0

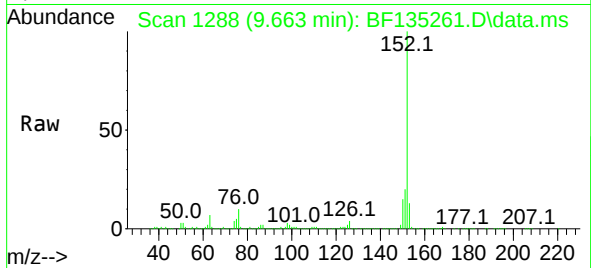
138 87.2 77.4 116.0





#49  
Acenaphthylene  
Concen: 43.603 ng  
RT: 9.663 min Scan# 1288  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

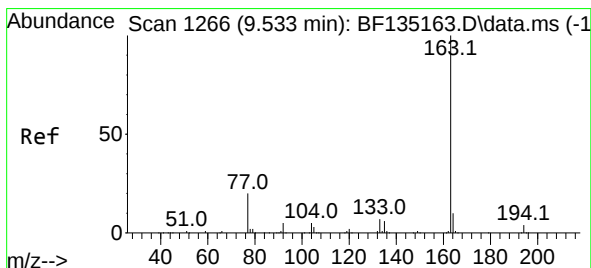
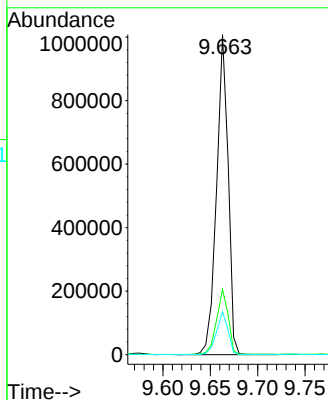
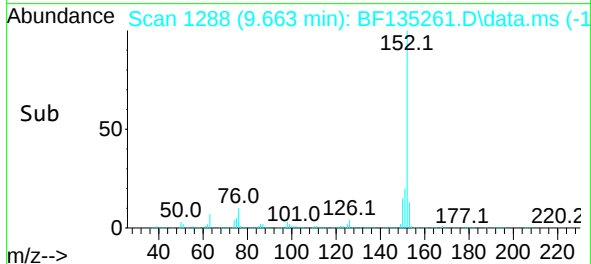
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



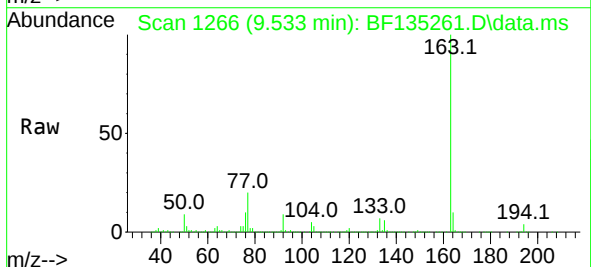
Tgt Ion:152 Resp: 856349  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.4 24.6  
153 13.4 10.4 15.6

Manual Integrations  
APPROVED

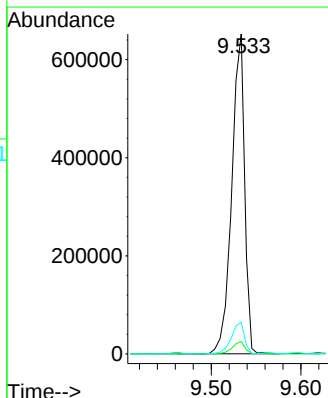
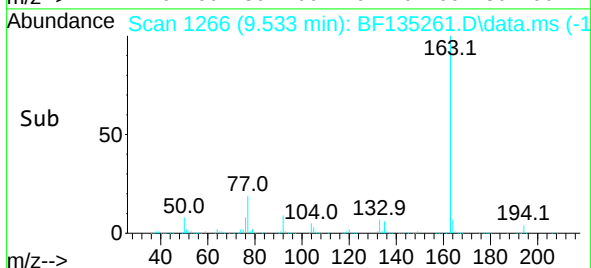
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023

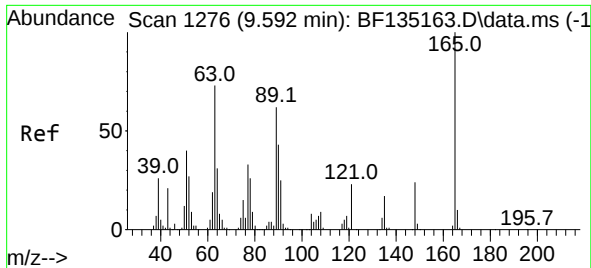


#50  
Dimethylphthalate  
Concen: 45.356 ng  
RT: 9.533 min Scan# 1266  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00



Tgt Ion:163 Resp: 649928  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.1 4.7  
164 9.9 8.1 12.1





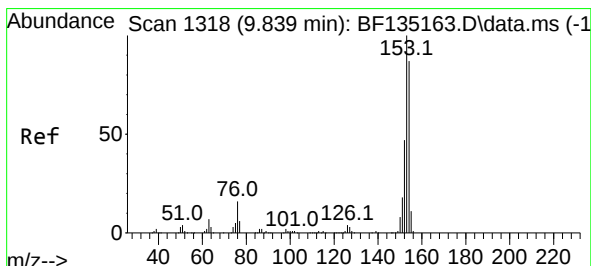
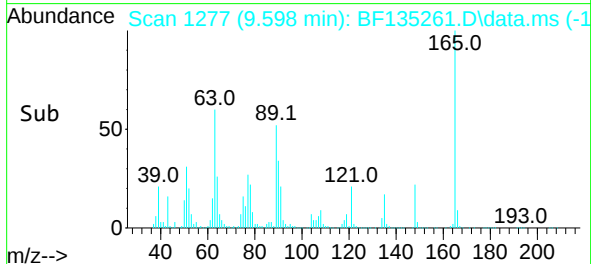
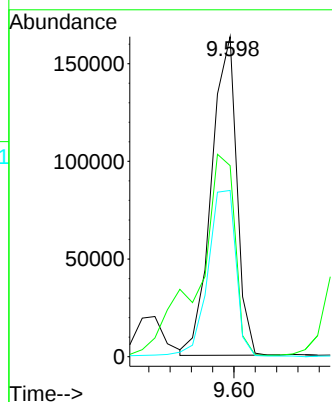
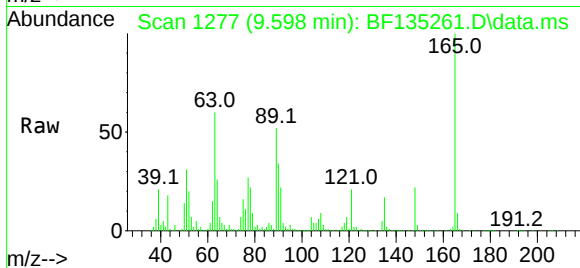
#51  
2,6-Dinitrotoluene  
Concen: 42.783 ng  
RT: 9.598 min Scan# 1317  
Delta R.T. 0.006 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

Tgt Ion:165 Resp: 134300  
Ion Ratio Lower Upper  
165 100  
63 59.7 59.4 89.2  
89 51.9 49.8 74.8

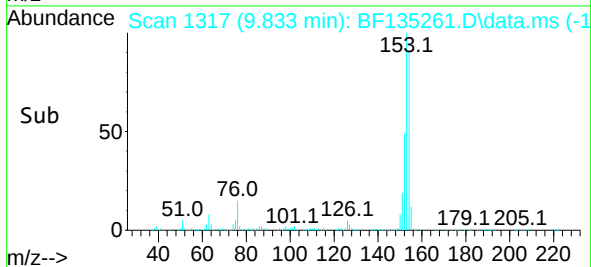
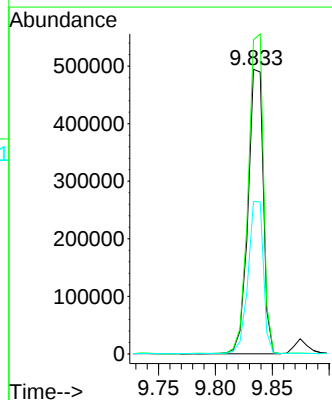
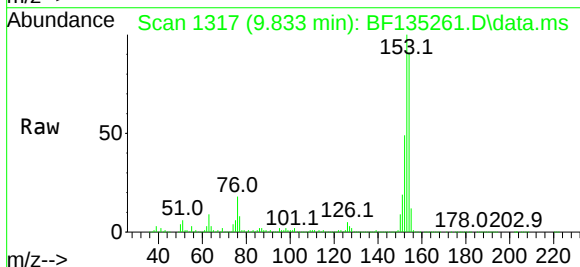
Manual Integrations  
APPROVED

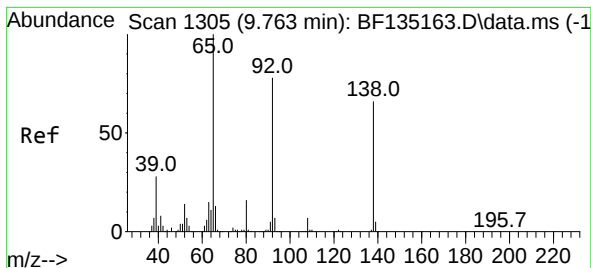
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023



#52  
Acenaphthene  
Concen: 39.797 ng  
RT: 9.833 min Scan# 1317  
Delta R.T. -0.006 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

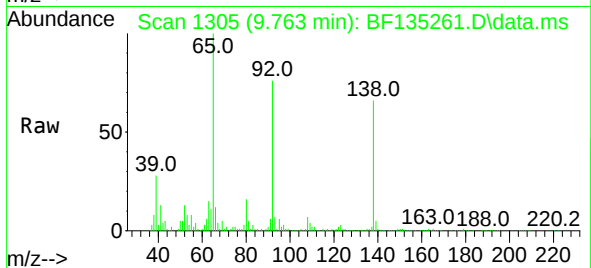
Tgt Ion:154 Resp: 461725  
Ion Ratio Lower Upper  
154 100  
153 110.3 92.1 138.1  
152 53.6 43.1 64.7





#53  
3-Nitroaniline  
Concen: 22.117 ng  
RT: 9.763 min Scan# 1305  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

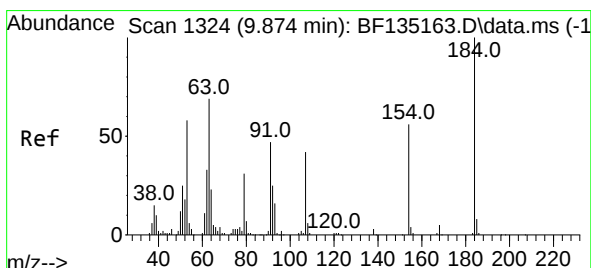
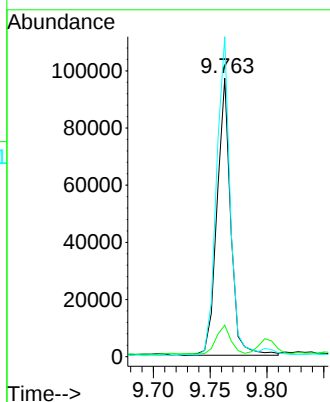
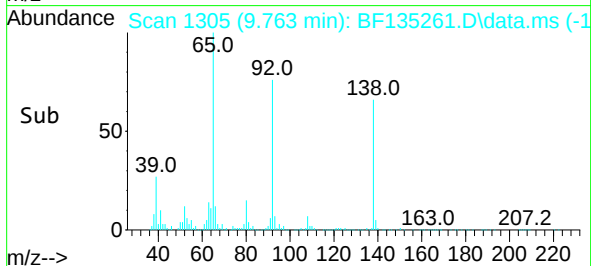
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



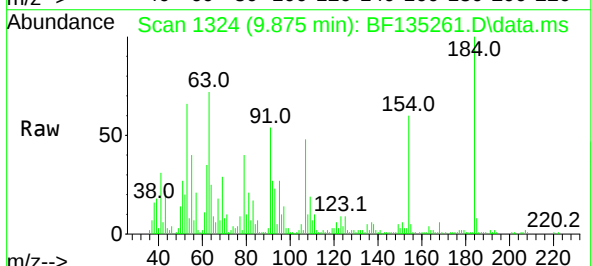
Tgt Ion:138 Resp: 8149  
Ion Ratio Lower Upper  
138 100  
108 11.3 8.5 12.7  
92 114.9 95.4 143.0

Manual Integrations  
APPROVED

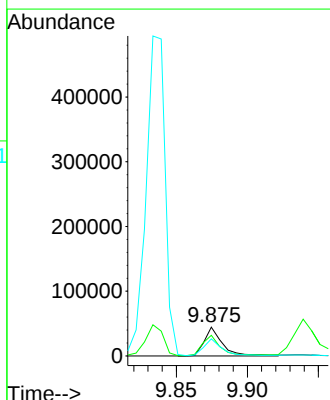
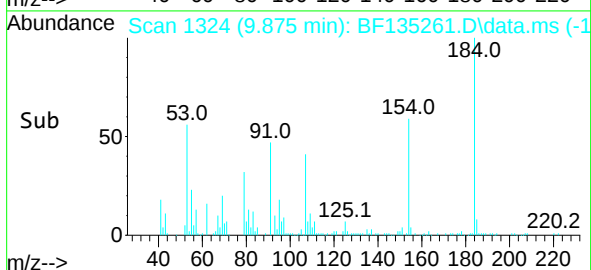
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023

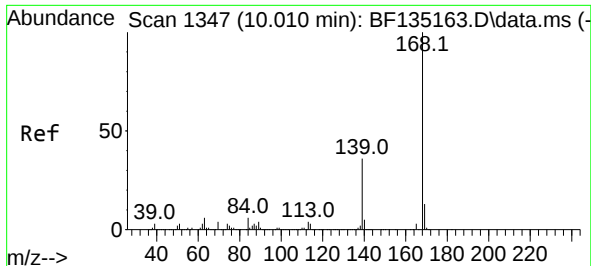


#54  
2,4-Dinitrophenol  
Concen: 26.572 ng  
RT: 9.875 min Scan# 1324  
Delta R.T. 0.001 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00



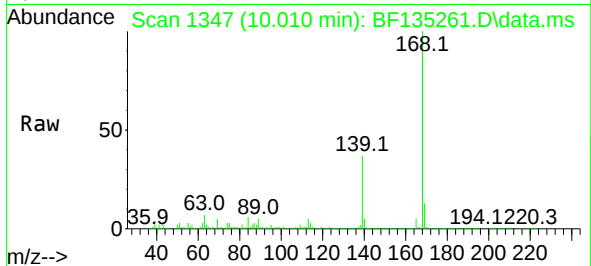
Tgt Ion:184 Resp: 39288  
Ion Ratio Lower Upper  
184 100  
63 71.9 55.1 82.7  
154 59.5 48.4 72.6





#55  
Dibenzenofuran  
Concen: 38.704 ng  
RT: 10.010 min Scan# 1347  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

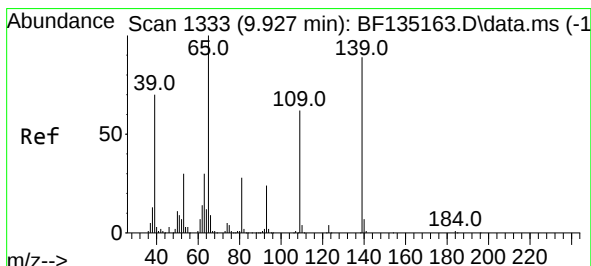
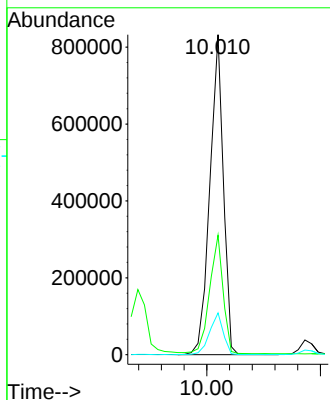
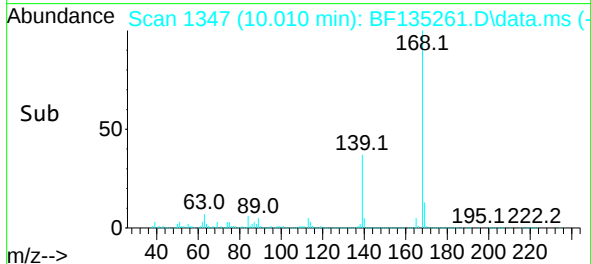
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



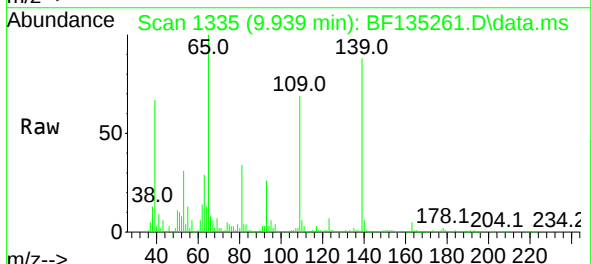
Tgt Ion:168 Resp: 685229  
Ion Ratio Lower Upper  
168 100  
139 37.4 29.0 43.6  
169 13.1 10.4 15.6

Manual Integrations  
APPROVED

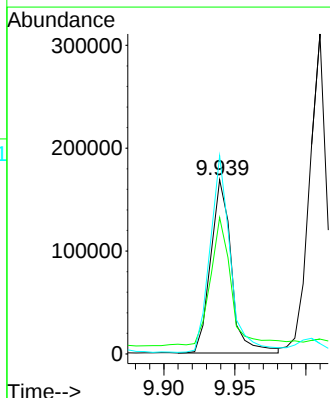
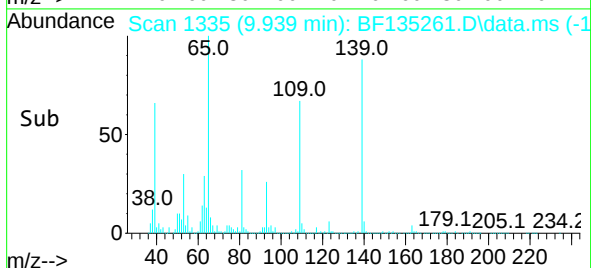
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023

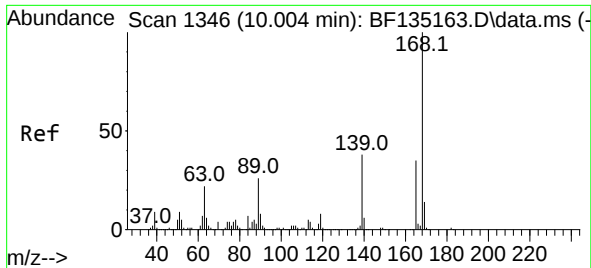


#56  
4-Nitrophenol  
Concen: 73.068 ng  
RT: 9.939 min Scan# 1335  
Delta R.T. 0.012 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00



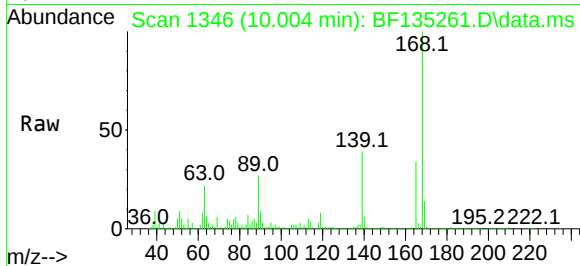
Tgt Ion:139 Resp: 171116  
Ion Ratio Lower Upper  
139 100  
109 78.3 49.8 89.8  
65 113.8 92.7 132.7





#57  
2,4-Dinitrotoluene  
Concen: 37.559 ng  
RT: 10.004 min Scan# 1346  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

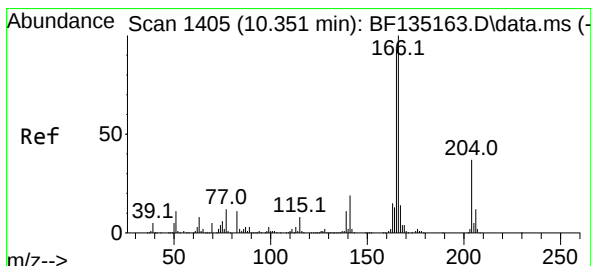
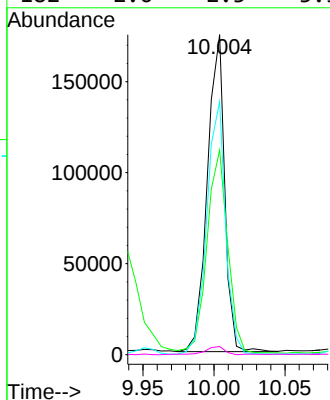
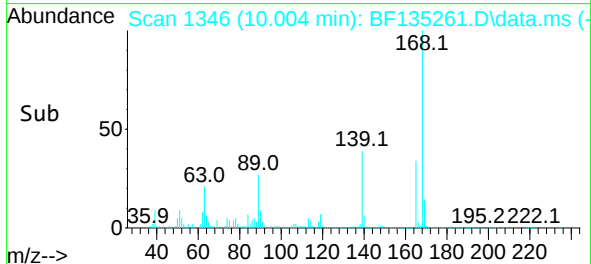
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



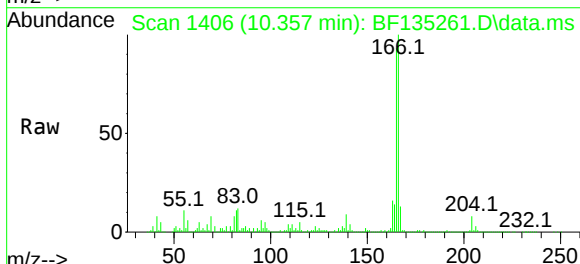
Tgt Ion:165 Resp: 147600  
Ion Ratio Lower Upper  
165 100  
63 63.9 50.1 75.1  
89 79.1 59.3 88.9  
182 2.6 2.3 3.5

Manual Integrations  
APPROVED

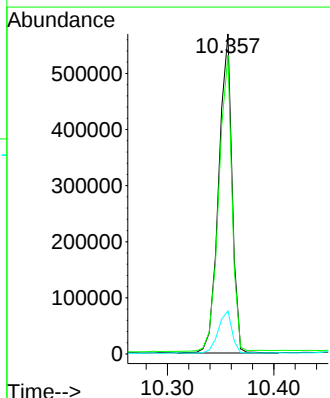
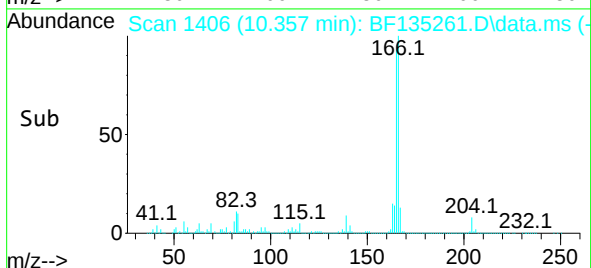
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023



#58  
Fluorene  
Concen: 36.312 ng  
RT: 10.357 min Scan# 1406  
Delta R.T. 0.006 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00



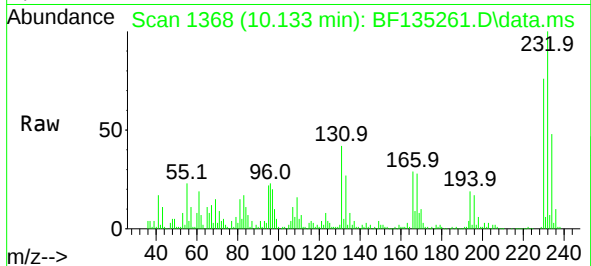
Tgt Ion:166 Resp: 494228  
Ion Ratio Lower Upper  
166 100  
165 93.3 74.3 111.5  
167 13.5 10.9 16.3





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 37.290 ng  
RT: 10.133 min Scan# 1368  
Delta R.T. 0.006 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

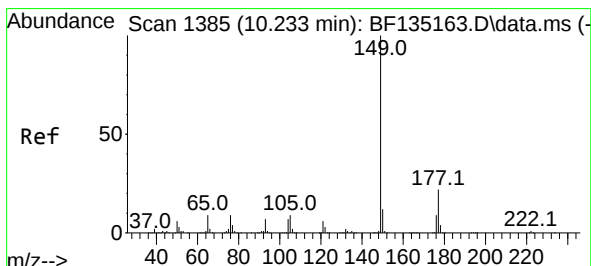
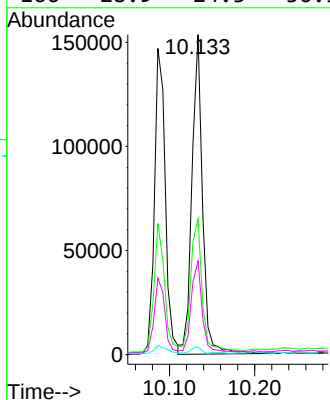
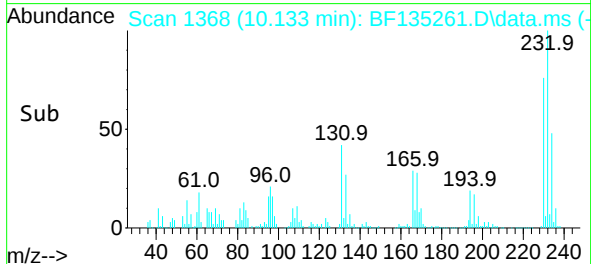
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



Tgt Ion:232 Resp: 13280  
Ion Ratio Lower Upper  
232 100  
131 43.7 35.4 53.2  
130 1.9 1.8 2.8  
166 28.9 24.3 36.5

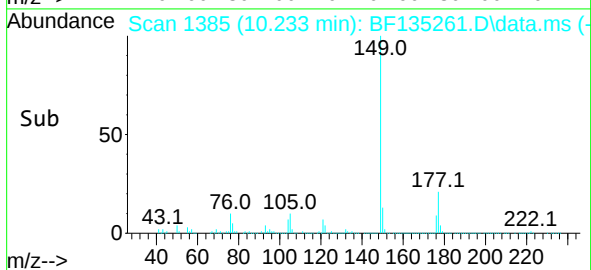
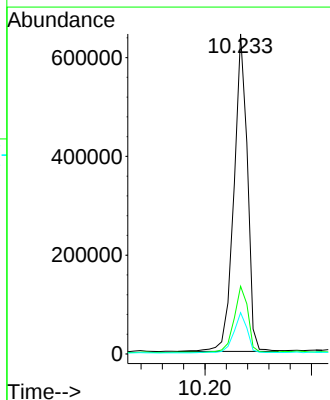
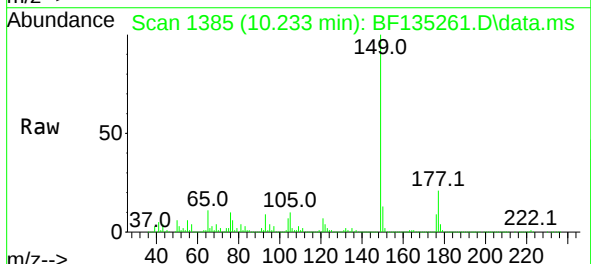
Manual Integrations  
APPROVED

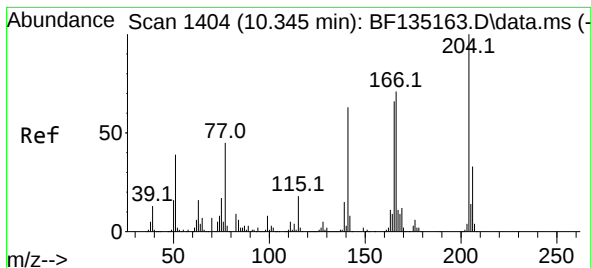
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023



#60  
Diethylphthalate  
Concen: 39.257 ng  
RT: 10.233 min Scan# 1385  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

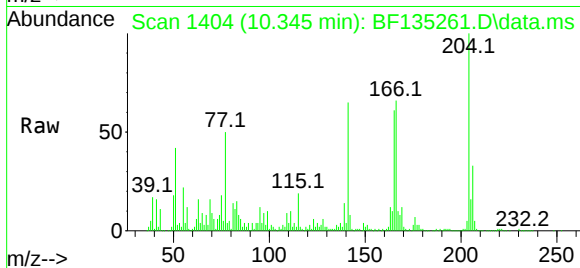
Tgt Ion:149 Resp: 564545  
Ion Ratio Lower Upper  
149 100  
177 21.1 17.8 26.6  
150 12.9 10.0 15.0





#61  
4-Chlorophenyl-phenylether  
Concen: 36.343 ng  
RT: 10.345 min Scan# 1404  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

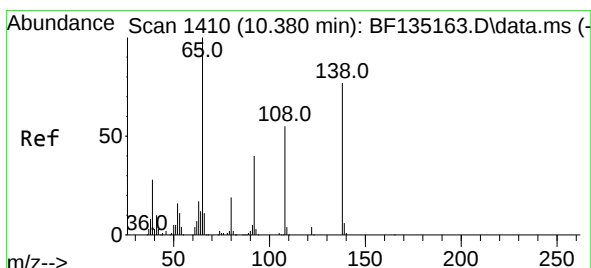
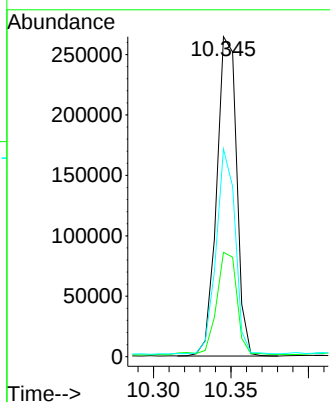
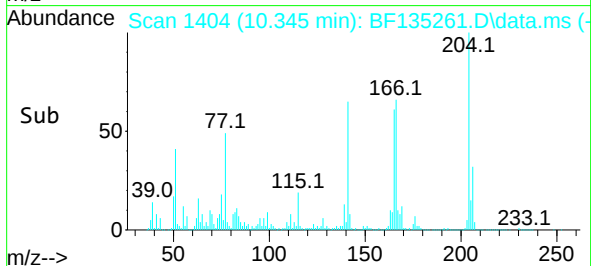
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



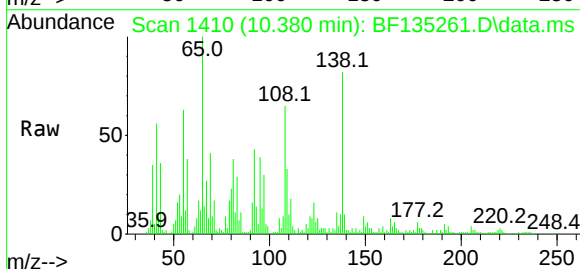
Tgt Ion:204 Resp: 237614  
Ion Ratio Lower Upper  
204 100  
206 32.6 26.7 40.1  
141 64.9 50.6 75.8

Manual Integrations  
APPROVED

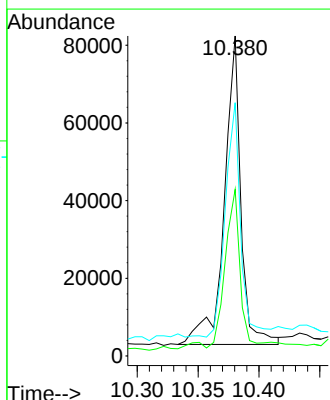
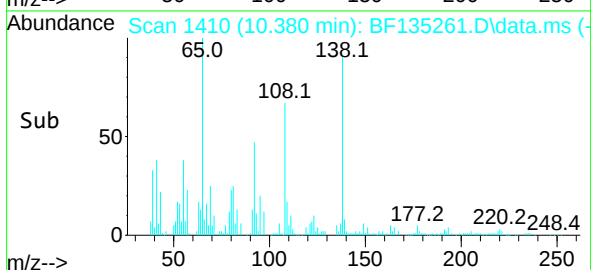
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023

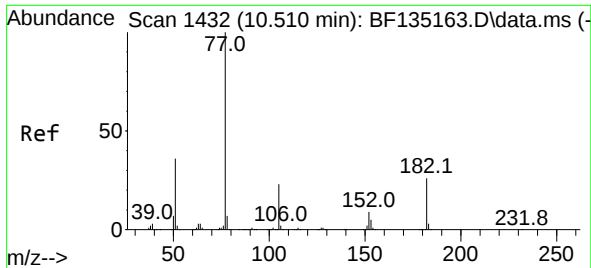


#62  
4-Nitroaniline  
Concen: 21.352 ng  
RT: 10.380 min Scan# 1410  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00



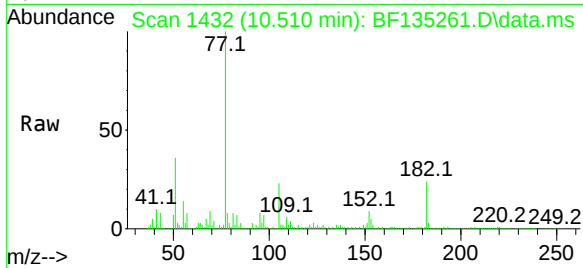
Tgt Ion:138 Resp: 75628  
Ion Ratio Lower Upper  
138 100  
92 52.1 31.8 71.8  
108 79.2 52.0 92.0





#63  
Azobenzene  
Concen: 34.164 ng  
RT: 10.510 min Scan# 1432  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

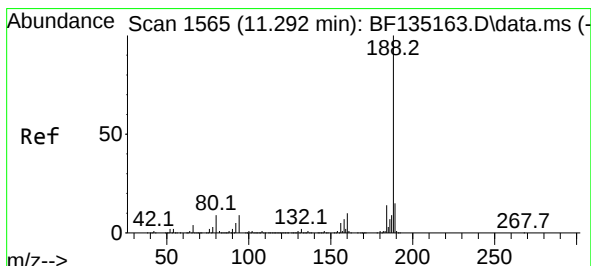
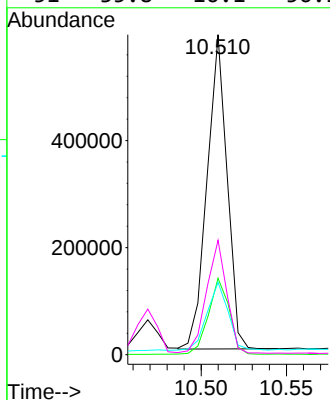
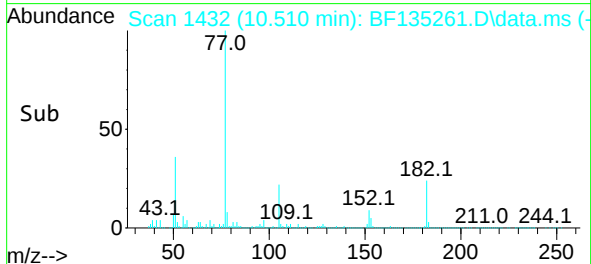
Instrument :  
BNA\_F  
Client SampleId :  
WC-1MS



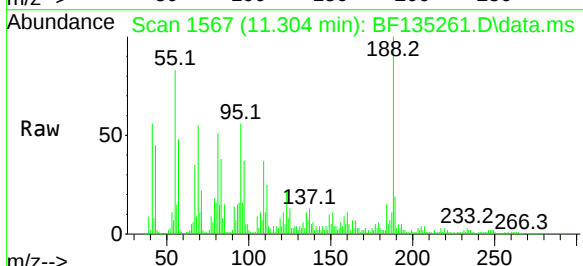
Tgt Ion: 77 Resp: 480844  
Ion Ratio Lower Upper  
77 100  
182 23.9 6.4 46.4  
105 22.6 3.1 43.1  
51 35.8 16.1 56.1

Manual Integrations  
APPROVED

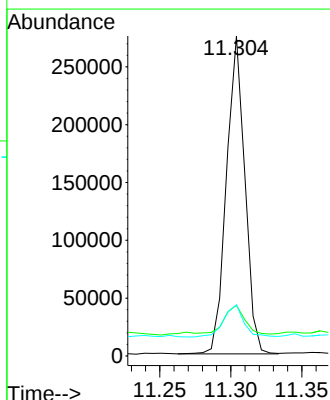
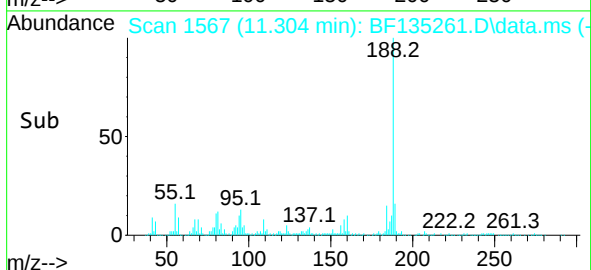
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023

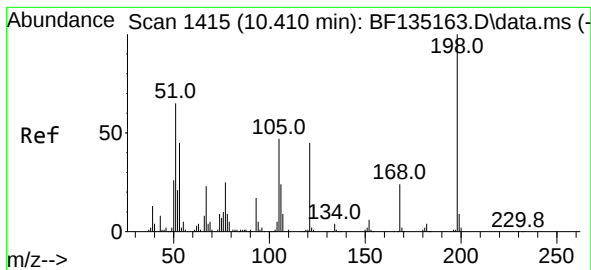


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.304 min Scan# 1567  
Delta R.T. 0.012 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00



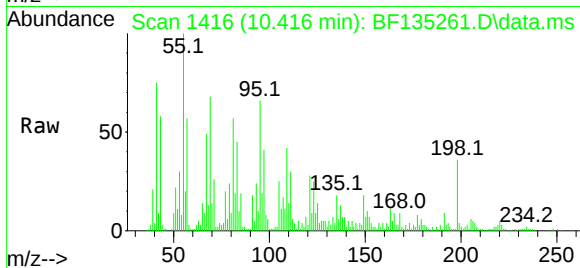
Tgt Ion:188 Resp: 247435  
Ion Ratio Lower Upper  
188 100  
94 15.8 7.0 10.6#  
80 16.0 7.5 11.3#





#65  
4,6-Dinitro-2-methylphenol  
Concen: 19.521 ng  
RT: 10.416 min Scan# 1415  
Delta R.T. 0.006 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

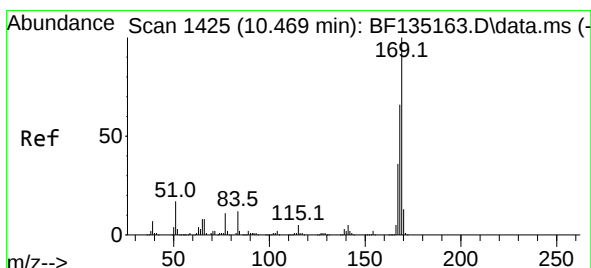
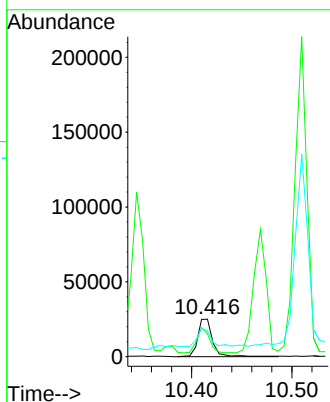
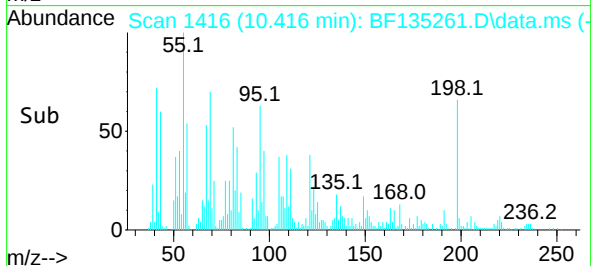
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



Tgt Ion:198 Resp: 2565  
Ion Ratio Lower Upper  
198 100  
51 60.5 47.7 87.7  
105 69.2 27.4 67.4

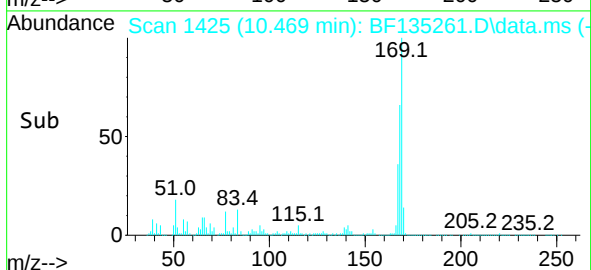
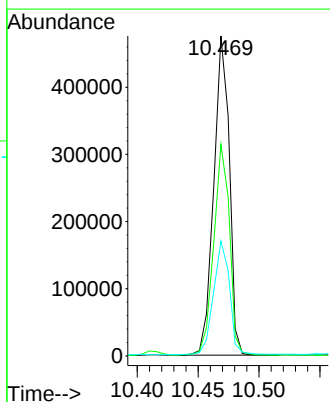
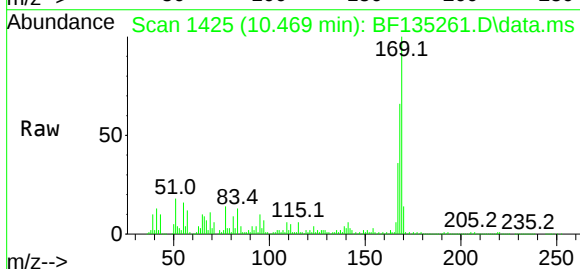
Manual Integrations  
APPROVED

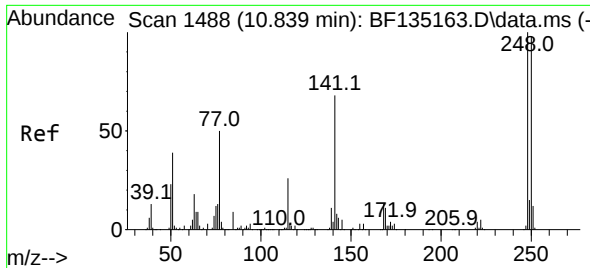
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023



#66  
n-Nitrosodiphenylamine  
Concen: 56.411 ng  
RT: 10.469 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

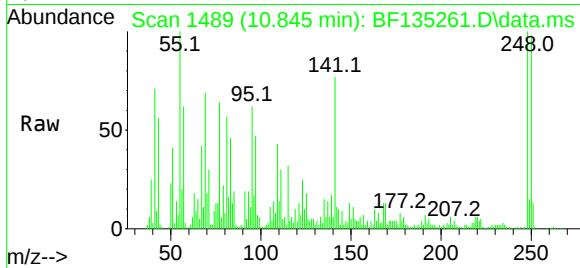
Tgt Ion:169 Resp: 422579  
Ion Ratio Lower Upper  
169 100  
168 66.1 52.8 79.2  
167 35.9 29.0 43.6





#67  
4-Bromophenyl-phenylether  
Concen: 50.608 ng  
RT: 10.845 min Scan# 1488  
Delta R.T. 0.006 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

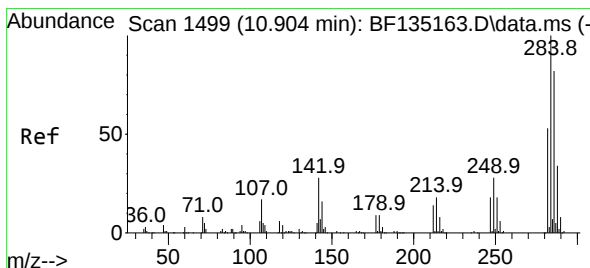
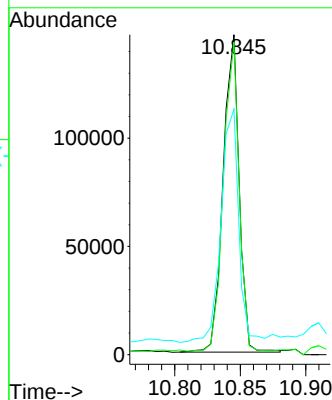
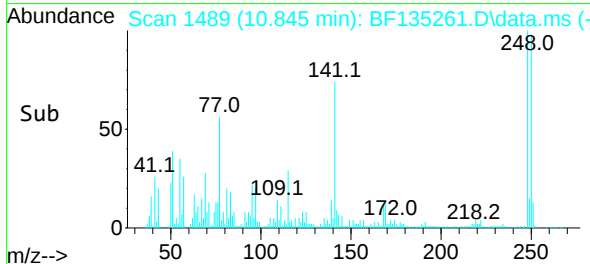
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



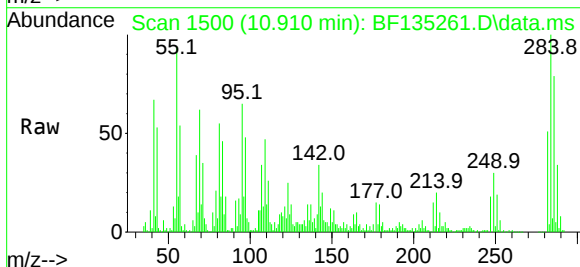
Tgt Ion:248 Resp: 12454  
Ion Ratio Lower Upper  
248 100  
250 97.7 78.6 117.8  
141 76.7 54.2 81.2

Manual Integrations  
APPROVED

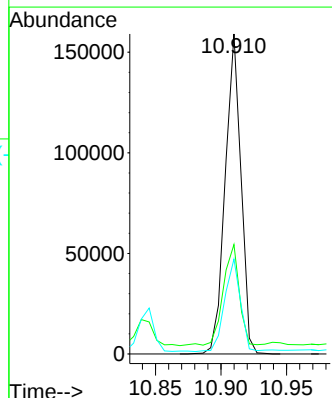
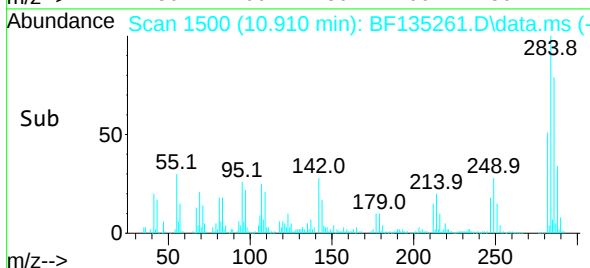
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023

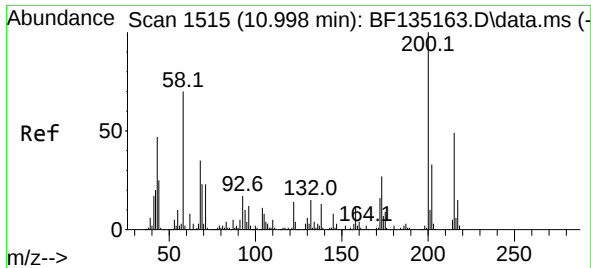


#68  
Hexachlorobenzene  
Concen: 52.901 ng  
RT: 10.910 min Scan# 1500  
Delta R.T. 0.006 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00



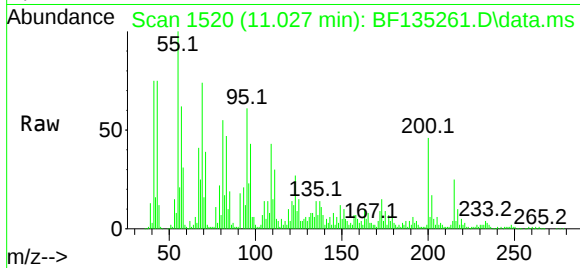
Tgt Ion:284 Resp: 132629  
Ion Ratio Lower Upper  
284 100  
142 34.2 22.2 33.4#  
249 29.7 22.5 33.7





#69  
 Atrazine  
 Concen: 51.297 ng  
 RT: 11.027 min Scan# 11027  
 Delta R.T. 0.030 min  
 Lab File: BF135261.D  
 Acq: 14 Sep 2023 19:00

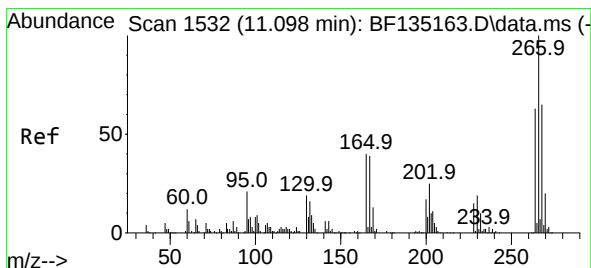
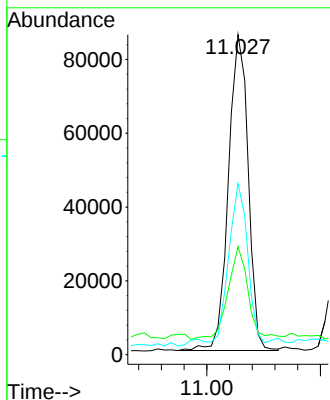
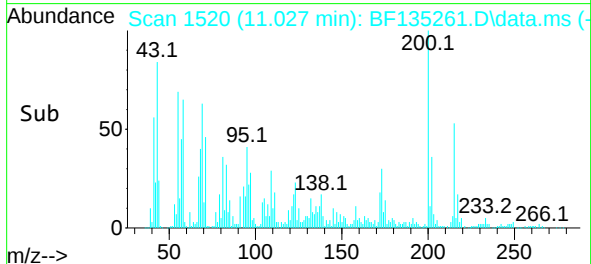
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-1MS



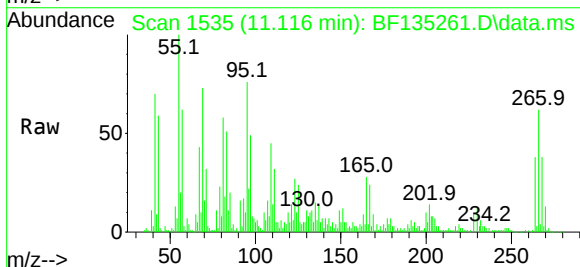
Tgt Ion:200 Resp: 103390  
 Ion Ratio Lower Upper  
 200 100  
 173 33.8 7.4 47.4  
 215 53.5 28.6 68.6

Manual Integrations  
 APPROVED

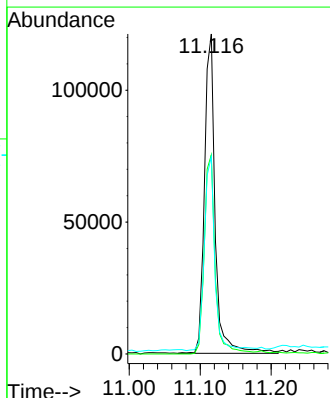
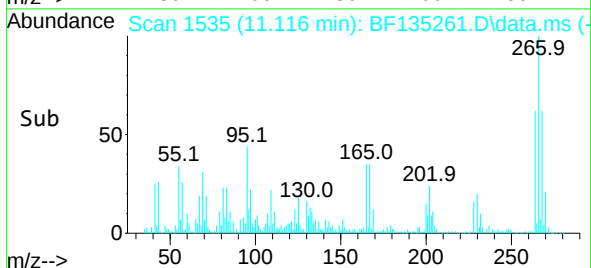
Reviewed By :Yogesh Patel 09/15/2023  
 Supervised By :mohammad ahmed 09/15/2023

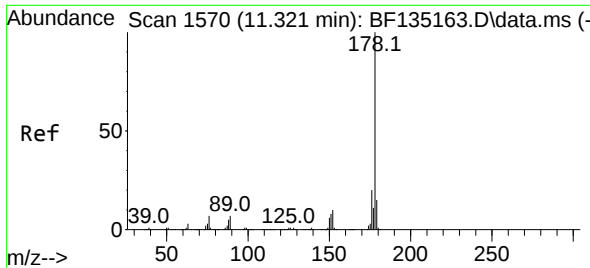


#70  
 Pentachlorophenol  
 Concen: 84.801 ng  
 RT: 11.116 min Scan# 1535  
 Delta R.T. 0.018 min  
 Lab File: BF135261.D  
 Acq: 14 Sep 2023 19:00



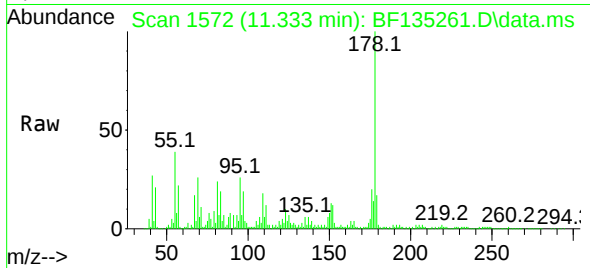
Tgt Ion:266 Resp: 127202  
 Ion Ratio Lower Upper  
 266 100  
 268 62.2 52.1 78.1  
 264 61.7 50.8 76.2





#71  
Phenanthrene  
Concen: 44.475 ng  
RT: 11.333 min Scan# 11333  
Delta R.T. 0.012 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

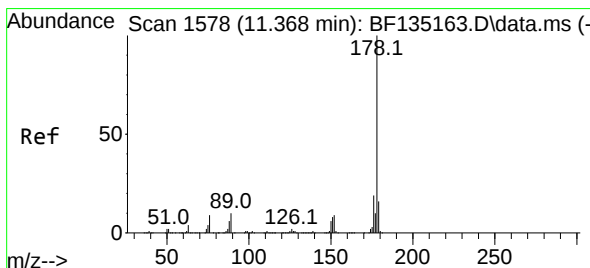
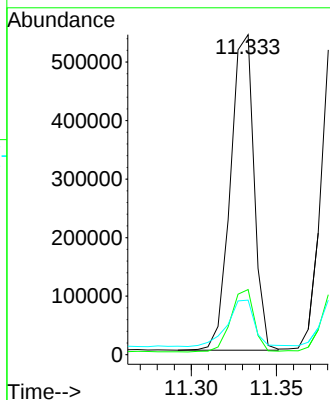
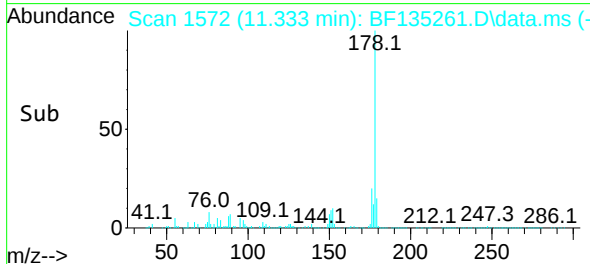
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



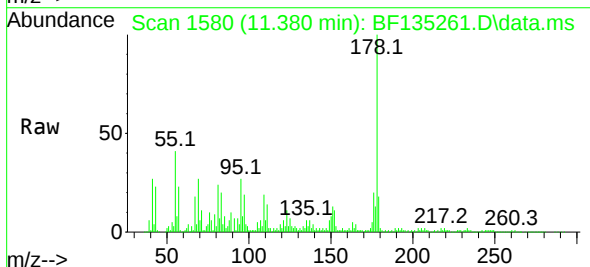
Tgt Ion:178 Resp: 520470  
Ion Ratio Lower Upper  
178 100  
176 20.3 15.6 23.4  
179 17.1 12.0 18.0

Manual Integrations  
APPROVED

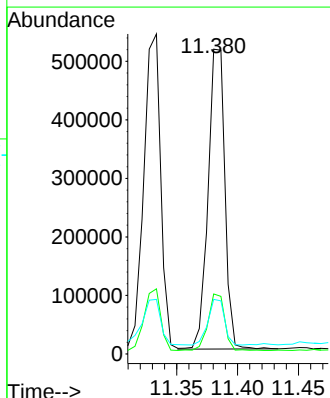
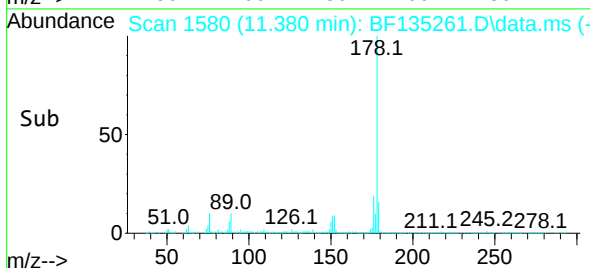
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023

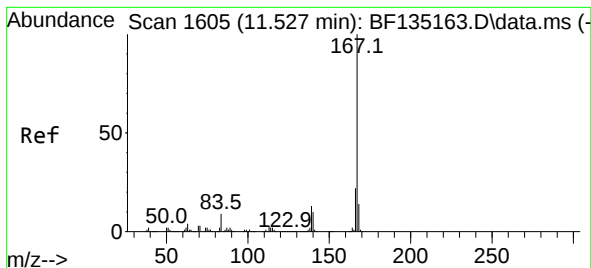


#72  
Anthracene  
Concen: 40.732 ng  
RT: 11.380 min Scan# 1580  
Delta R.T. 0.012 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00



Tgt Ion:178 Resp: 489965  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.4 23.2  
179 17.9 12.6 19.0





#73

Carbazole

Concen: 38.989 ng

RT: 11.545 min Scan# 1608

Delta R.T. 0.018 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

Tgt Ion:167 Resp: 426940

Ion Ratio Lower Upper

167 100

166 23.0 17.4 26.0

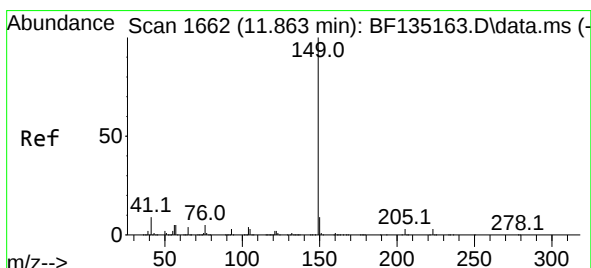
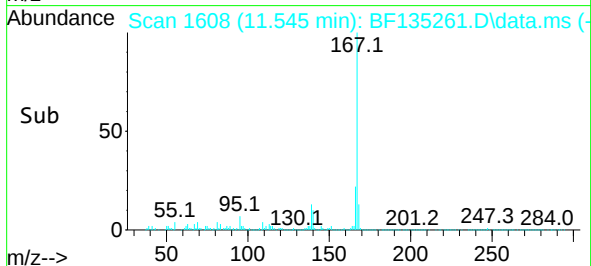
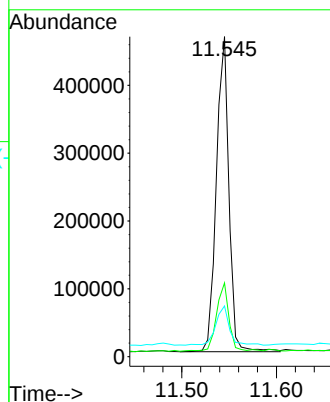
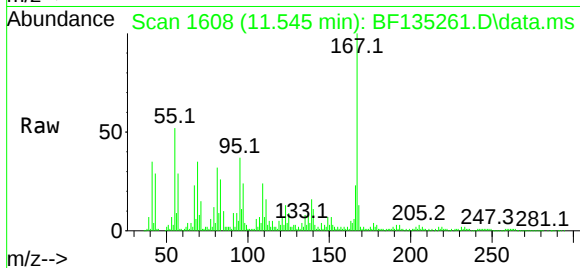
139 15.8 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#74

Di-n-butylphthalate

Concen: 38.334 ng

RT: 11.880 min Scan# 1665

Delta R.T. 0.018 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

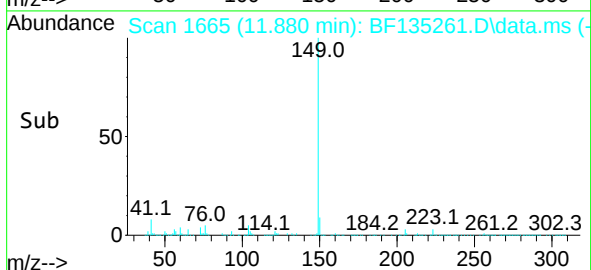
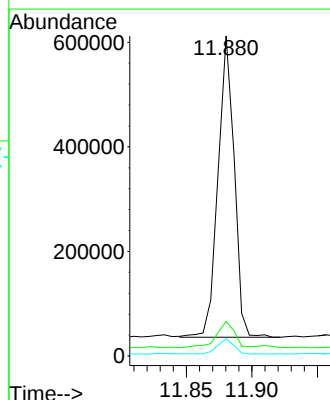
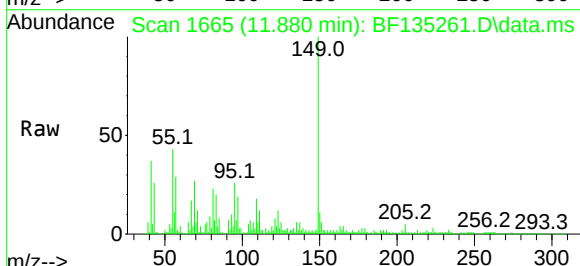
Tgt Ion:149 Resp: 494629

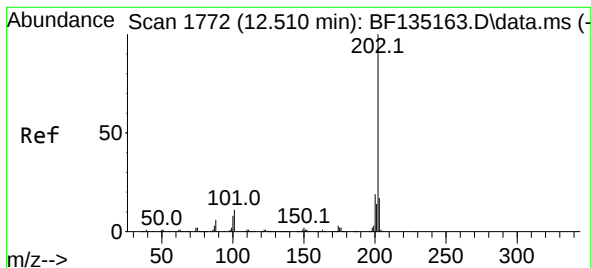
Ion Ratio Lower Upper

149 100

150 10.8 7.4 11.0

104 5.3 3.6 5.4





#75

Fluoranthene

Concen: 39.055 ng

RT: 12.539 min Scan# 11

Delta R.T. 0.030 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

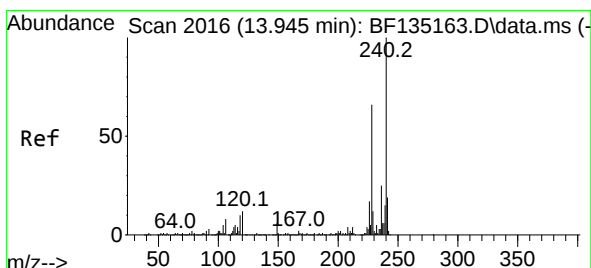
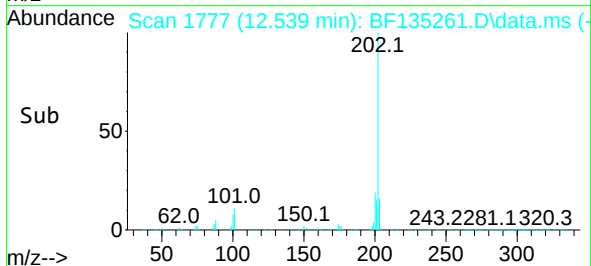
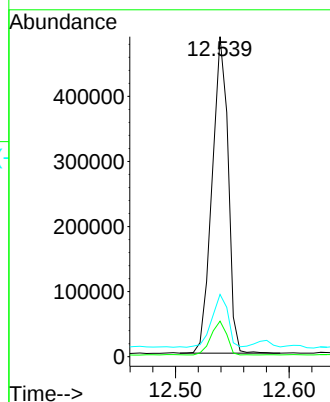
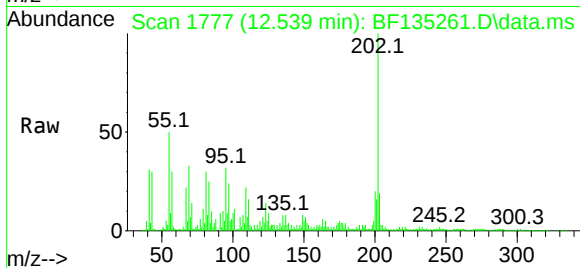
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 202   | Resp: | 47624 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 101       | 11.1  | 0.0   | 31.3  |
| 203       | 19.4  | 0.0   | 37.4  |

Manual Integrations

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Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#76

Chrysene-d12

Concen: 20.000 ng

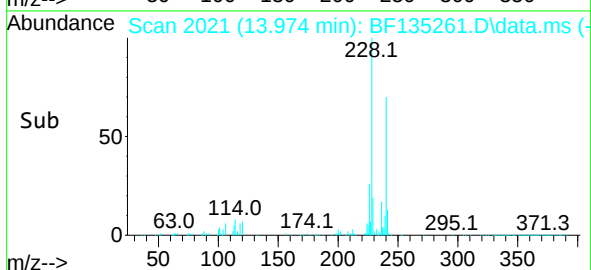
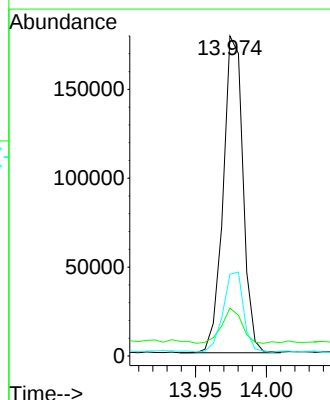
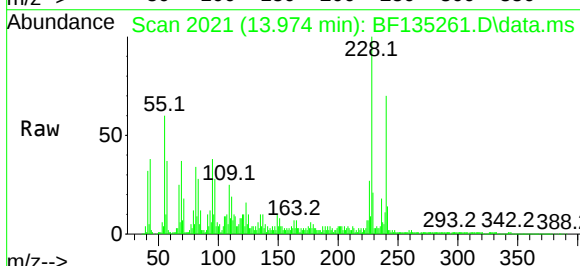
RT: 13.974 min Scan# 2021

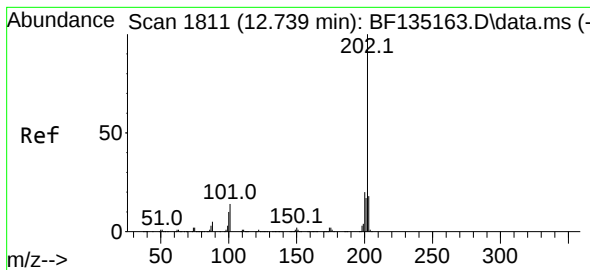
Delta R.T. 0.030 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 172683 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 14.9  | 9.4   | 14.2#  |
| 236       | 25.6  | 19.8  | 29.8   |





#78

Pyrene

Concen: 29.191 ng

RT: 12.769 min Scan# 1816

Delta R.T. 0.030 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

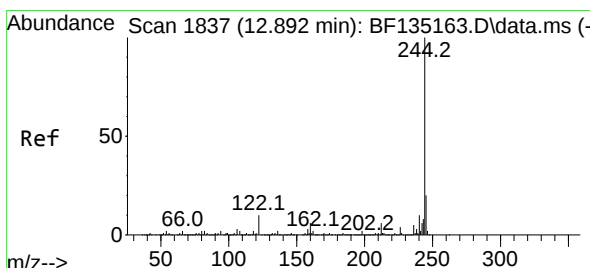
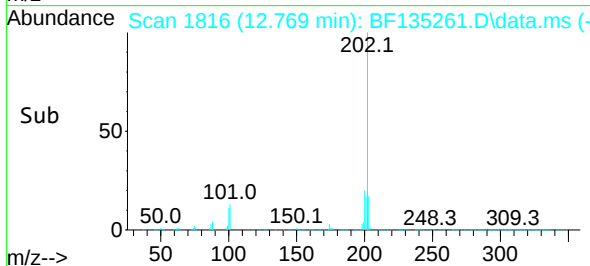
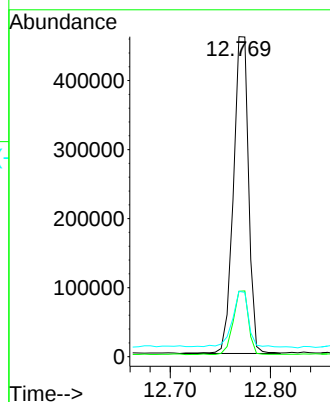
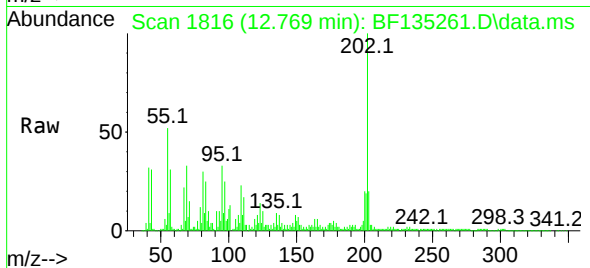
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 479919 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 20.4  | 16.2  | 24.2   |
| 203       | 20.4  | 14.2  | 21.4   |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#79

Terphenyl-d14

Concen: 37.749 ng

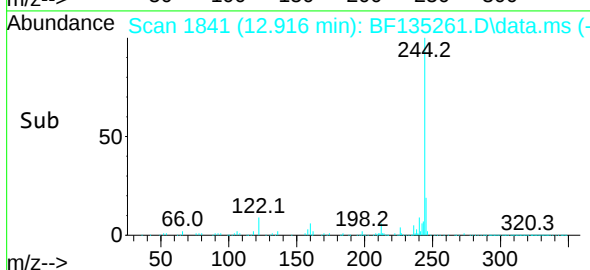
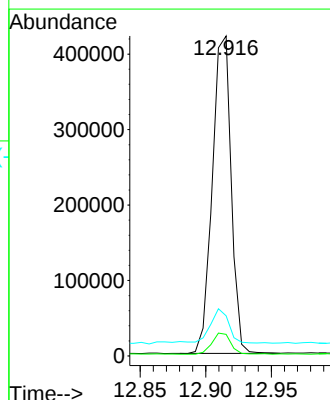
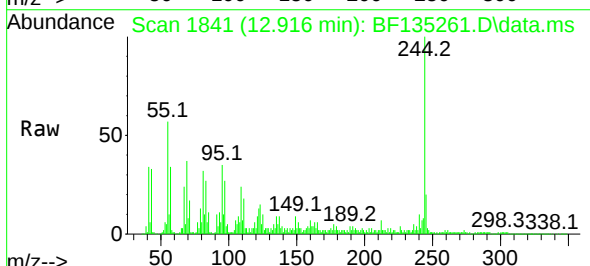
RT: 12.916 min Scan# 1841

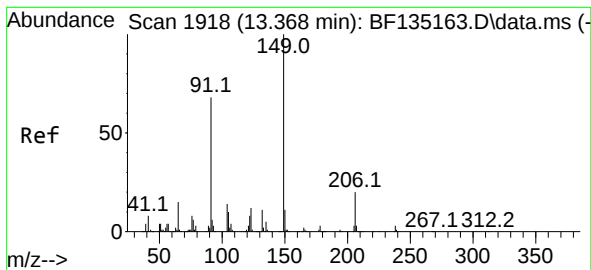
Delta R.T. 0.024 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 244   | Resp: | 420505 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 6.8   | 5.1   | 7.7    |
| 122       | 12.5  | 7.9   | 11.9   |





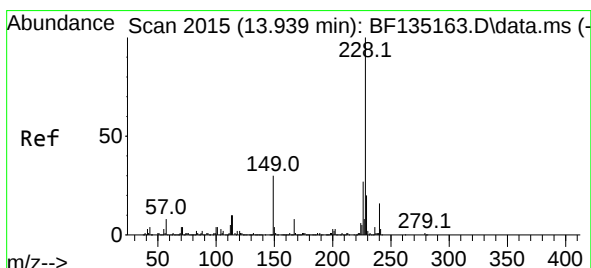
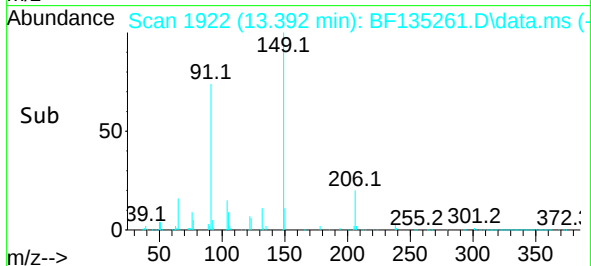
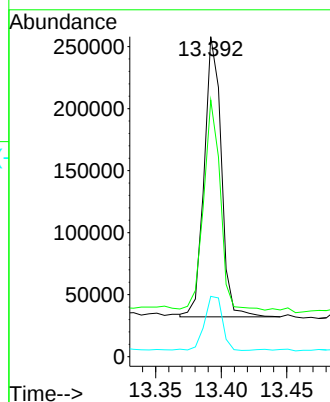
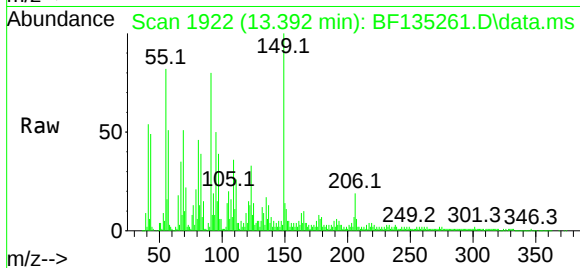
#80  
Butylbenzylphthalate  
Concen: 35.517 ng  
RT: 13.392 min Scan# 1918  
Delta R.T. 0.024 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

Tgt Ion:149 Resp: 20559  
Ion Ratio Lower Upper  
149 100  
91 80.2 54.7 82.1  
206 18.8 16.3 24.5

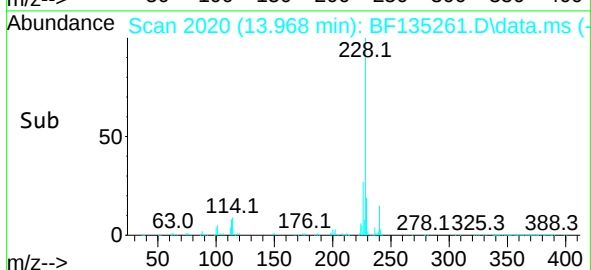
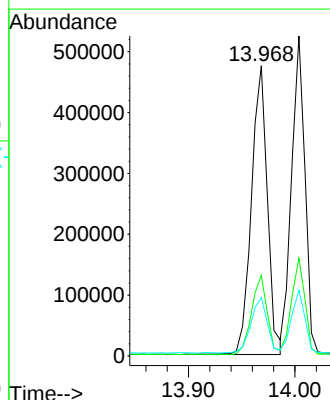
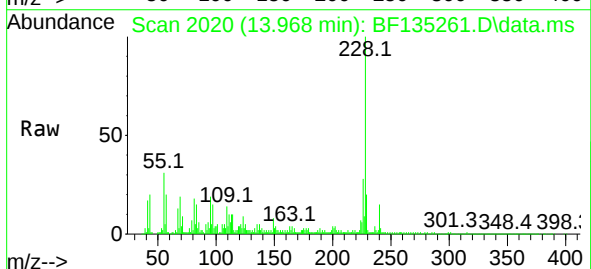
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APPROVED

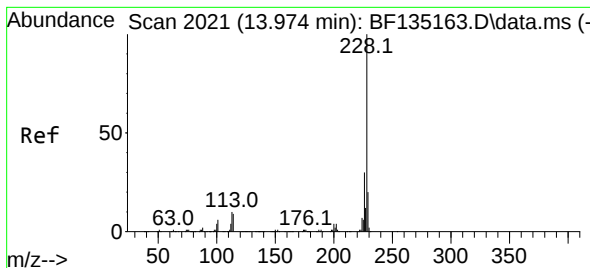
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023



#81  
Benzo(a)anthracene  
Concen: 44.316 ng  
RT: 13.968 min Scan# 2020  
Delta R.T. 0.030 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

Tgt Ion:228 Resp: 494154  
Ion Ratio Lower Upper  
228 100  
226 27.7 21.7 32.5  
229 20.1 15.8 23.8





#83

Chrysene

Concen: 41.502 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.030 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

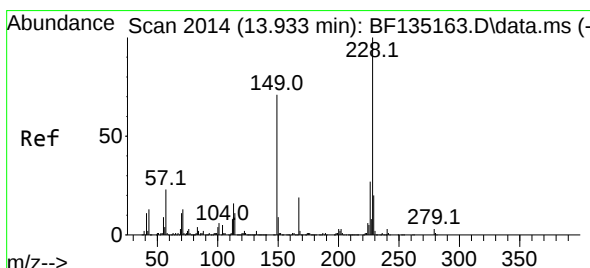
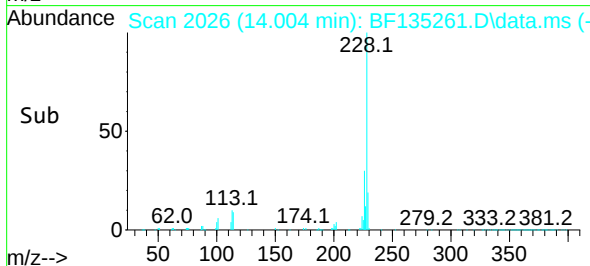
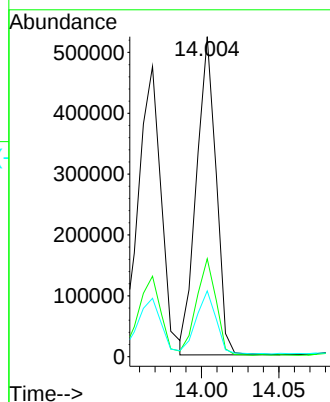
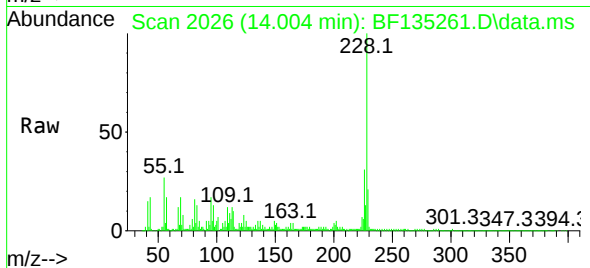
Tgt Ion:228 Resp: 460098  
 Ion Ratio Lower Upper  
 228 100  
 226 30.6 24.3 36.5  
 229 20.6 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 74.958 ng

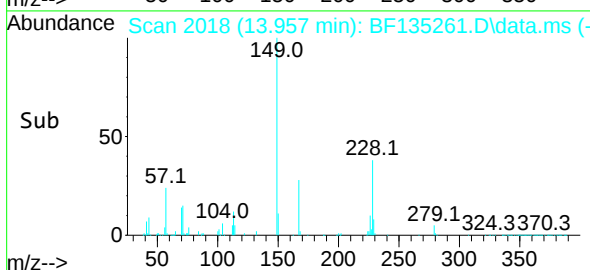
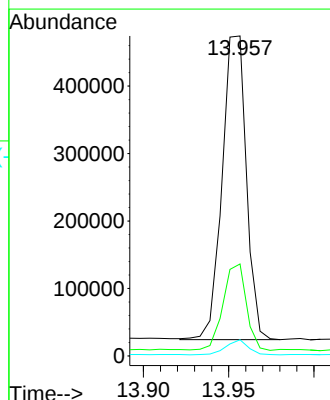
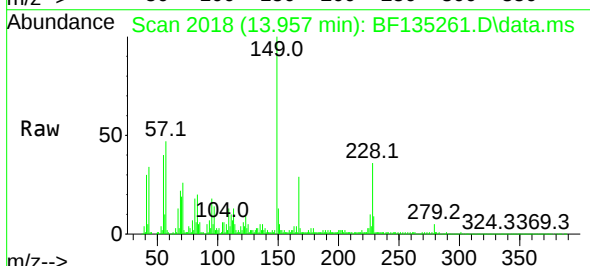
RT: 13.957 min Scan# 2018

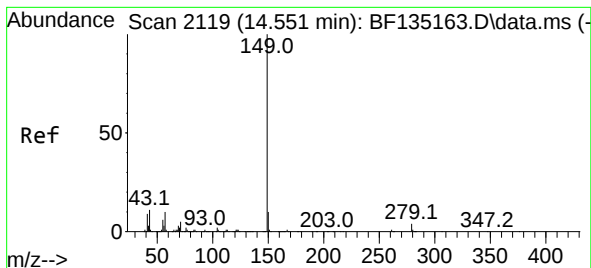
Delta R.T. 0.024 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

Tgt Ion:149 Resp: 445250  
 Ion Ratio Lower Upper  
 149 100  
 167 28.7 21.9 32.9  
 279 5.1 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 61.472 ng

RT: 14.568 min Scan# 2119

Delta R.T. 0.018 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

Tgt Ion:149 Resp: 58028

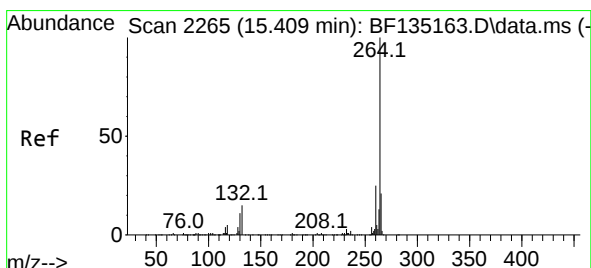
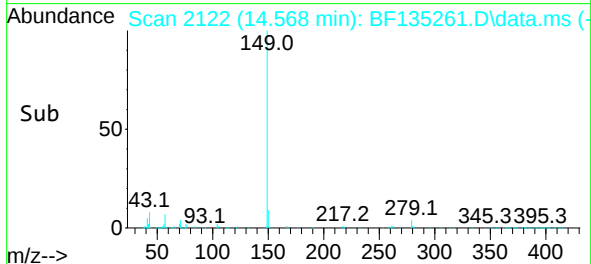
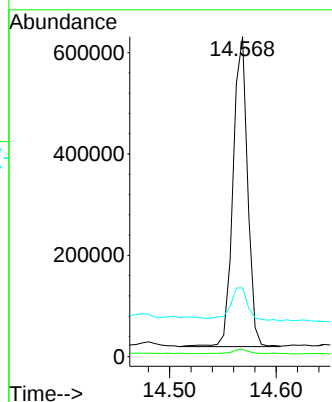
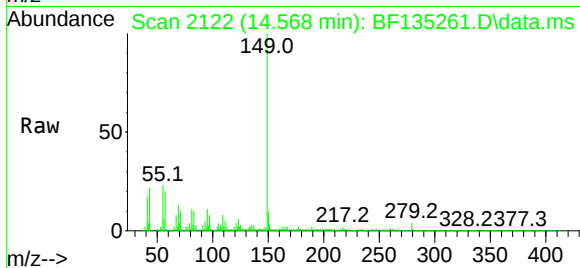
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.5   | 1.1   | 1.7   |
| 43  | 13.1  | 9.8   | 14.6  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

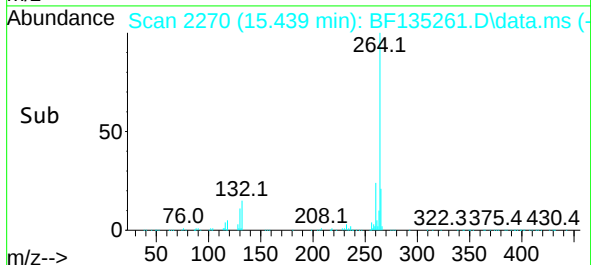
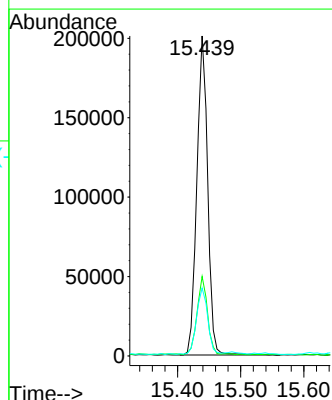
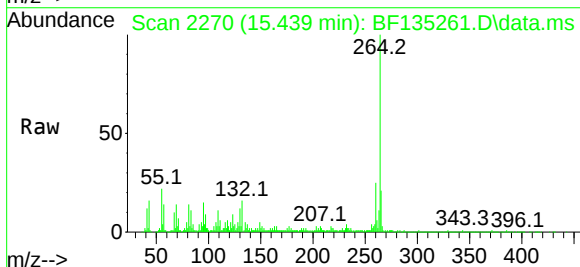
Delta R.T. 0.030 min

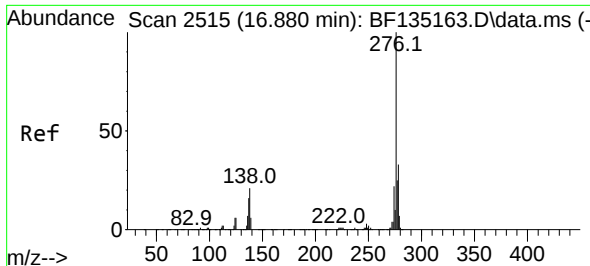
Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

Tgt Ion:264 Resp: 238565

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.9  | 19.8  | 29.6  |
| 265 | 21.2  | 17.0  | 25.4  |





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 35.009 ng  
RT: 16.921 min Scan# 2198  
Delta R.T. 0.041 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

Instrument :

BNA\_F

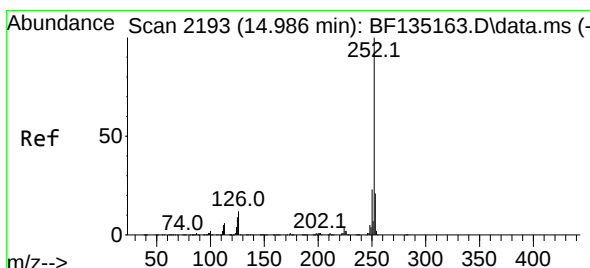
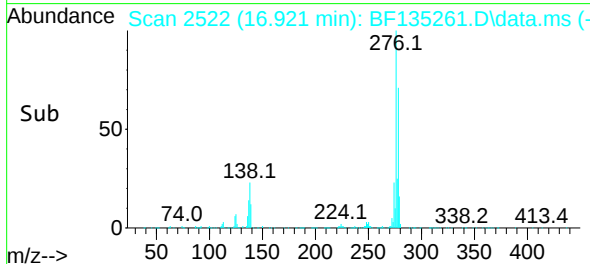
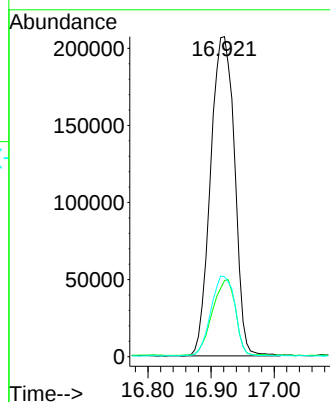
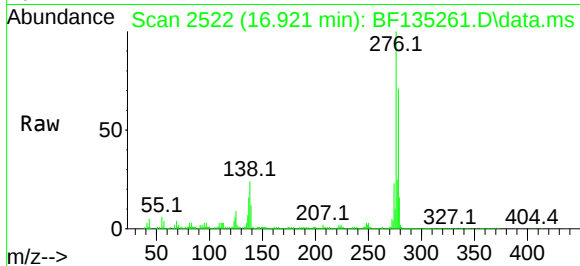
ClientSampleId :

WC-1MS

Tgt Ion:276 Resp: 54760  
Ion Ratio Lower Upper  
276 100  
138 22.7 19.2 28.8  
277 25.0 19.7 29.5

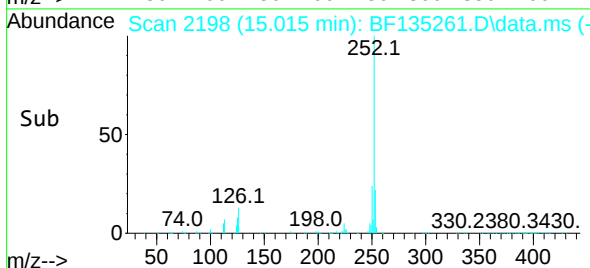
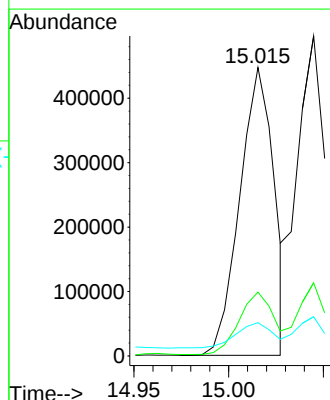
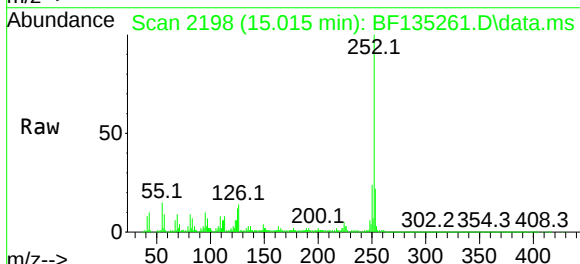
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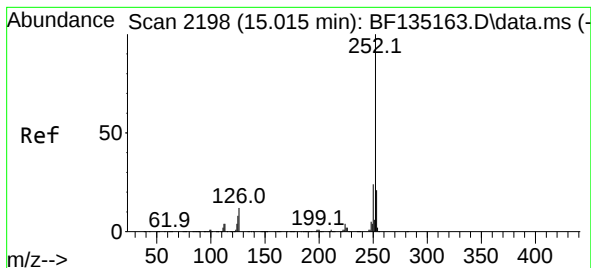
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023



#88  
Benzo(b)fluoranthene  
Concen: 43.472 ng  
RT: 15.015 min Scan# 2198  
Delta R.T. 0.030 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

Tgt Ion:252 Resp: 561417  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.2 25.8  
125 11.5 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 39.826 ng

RT: 15.045 min Scan# 2198

Delta R.T. 0.030 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

Tgt Ion:252 Resp: 508069

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.0

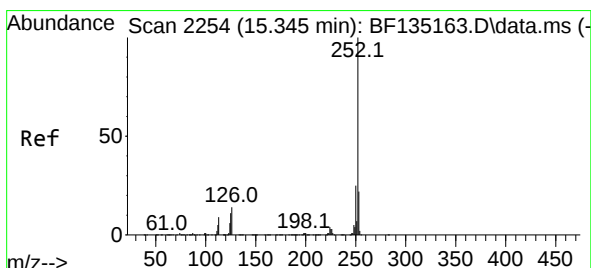
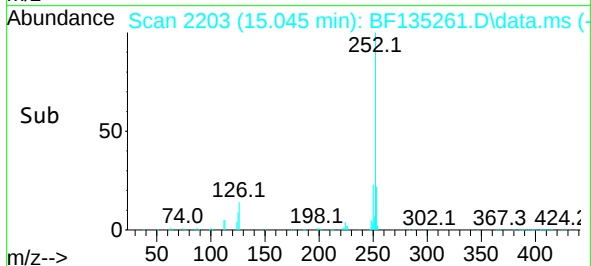
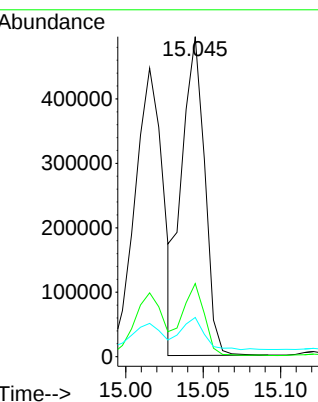
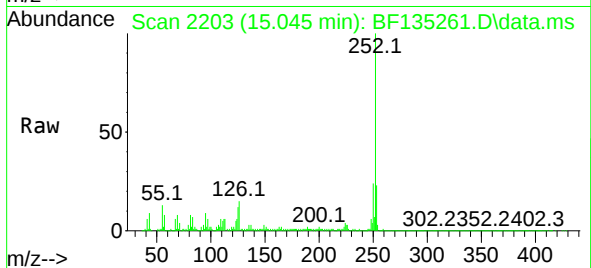
125 12.3 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#90

Benzo(a)pyrene

Concen: 40.102 ng

RT: 15.380 min Scan# 2260

Delta R.T. 0.035 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

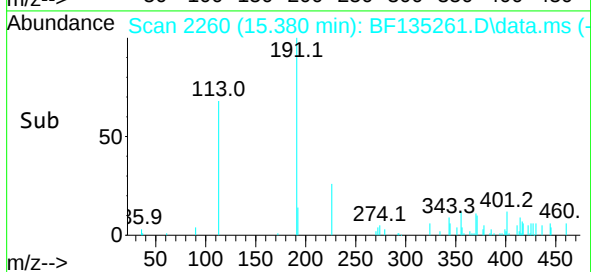
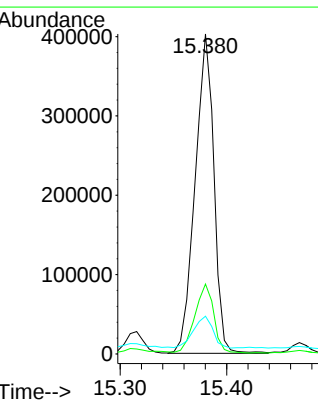
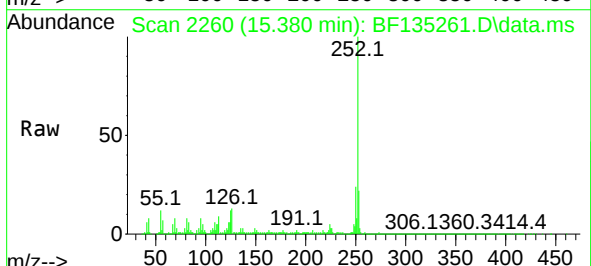
Tgt Ion:252 Resp: 493883

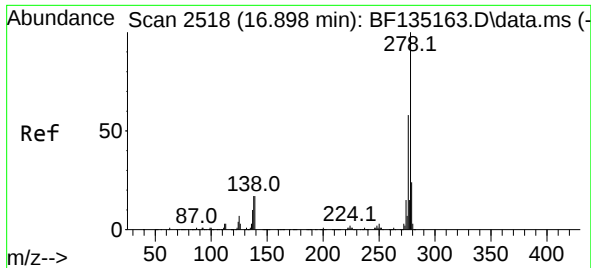
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

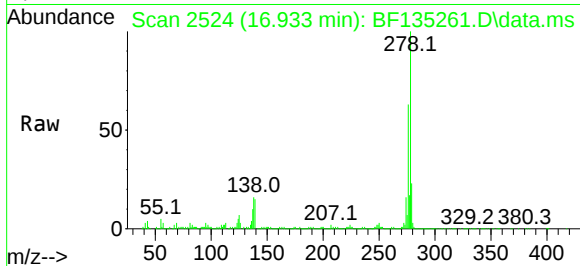
125 11.8 9.2 13.8





#91  
 Dibenzo(a,h)anthracene  
 Concen: 35.230 ng  
 RT: 16.933 min Scan# 2524  
 Delta R.T. 0.035 min  
 Lab File: BF135261.D  
 Acq: 14 Sep 2023 19:00

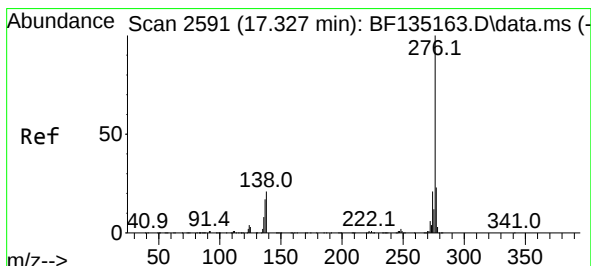
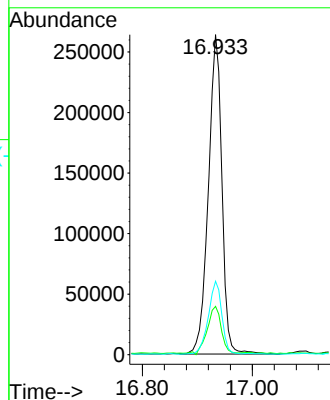
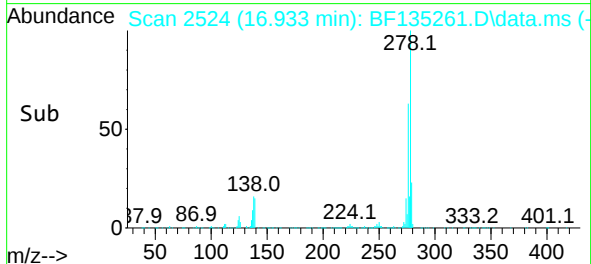
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-1MS



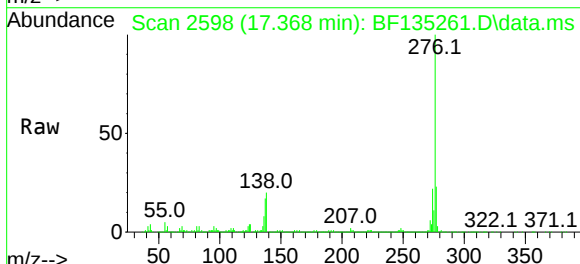
Tgt Ion: 278 Resp: 45088  
 Ion Ratio Lower Upper  
 278 100  
 139 15.1 13.4 20.0  
 279 22.9 19.0 28.6

Manual Integrations  
 APPROVED

Reviewed By : Yogesh Patel 09/15/2023  
 Supervised By : mohammad ahmed 09/15/2023



#92  
 Benzo(g,h,i)perylene  
 Concen: 32.248 ng  
 RT: 17.368 min Scan# 2598  
 Delta R.T. 0.041 min  
 Lab File: BF135261.D  
 Acq: 14 Sep 2023 19:00



Tgt Ion: 276 Resp: 431038  
 Ion Ratio Lower Upper  
 276 100  
 277 23.2 18.8 28.2  
 138 20.0 16.9 25.3

