

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091923\  
 Data File : BF135333.D  
 Acq On : 19 Sep 2023 14:12  
 Operator : CG\JU  
 Sample : PB155601BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB155601BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/20/2023  
 Supervised By :mohammad ahmed 09/20/2023

Quant Time: Sep 20 01:33:24 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     | 6.757  | 152  | 137062   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.039  | 136  | 534660   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.798  | 164  | 277079   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.292 | 188  | 535180   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.945 | 240  | 265687   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.410 | 264  | 239505   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.404  | 112  | 1034735  | 122.787 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.410  | 99   | 1335877  | 124.667 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.328  | 82   | 879334   | 89.353  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.598 | 330  | 336662   | 122.267 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.122  | 172  | 1484011  | 80.806  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.886 | 244  | 1544043  | 90.090  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.569  | 88   | 142962   | 38.698  | ng    | 99       |
| 3) Pyridine                   | 3.322  | 79   | 374744   | 37.690  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.281  | 42   | 253120   | 47.974  | ng    | 97       |
| 6) Aniline                    | 6.428  | 93   | 400786   | 28.522  | ng    | # 49     |
| 8) 2-Chlorophenol             | 6.545  | 128  | 425529   | 47.302  | ng    | 99       |
| 9) Benzaldehyde               | 6.316  | 77   | 155522   | 25.477  | ng    | 97       |
| 10) Phenol                    | 6.422  | 94   | 481049   | 40.940  | ng    | 81       |
| 11) bis(2-Chloroethyl)ether   | 6.504  | 93   | 402941   | 45.717  | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.698  | 146  | 411093   | 44.965  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.775  | 146  | 418048   | 44.944  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.928  | 146  | 395301   | 45.763  | ng    | 98       |
| 15) Benzyl Alcohol            | 6.910  | 79   | 355188   | 46.192  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.034  | 45   | 782830   | 47.121  | ng    | 89       |
| 17) 2-Methylphenol            | 7.022  | 107  | 340401   | 42.879  | ng    | 97       |
| 18) Hexachloroethane          | 7.263  | 117  | 165382   | 48.120  | ng    | 92       |
| 19) n-Nitroso-di-n-propyla... | 7.181  | 70   | 276042   | 41.590  | ng    | 94       |
| 20) 3+4-Methylphenols         | 7.175  | 107  | 382856   | 40.107  | ng    | 96       |
| 22) Acetophenone              | 7.169  | 105  | 541446   | 44.295  | ng    | # 97     |
| 24) Nitrobenzene              | 7.345  | 77   | 434689   | 44.689  | ng    | 99       |
| 25) Isophorone                | 7.587  | 82   | 828801   | 45.864  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.657  | 139  | 227853   | 48.808  | ng    | 100      |
| 27) 2,4-Dimethylphenol        | 7.704  | 122  | 377600   | 48.120  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.792  | 93   | 507123   | 46.887  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.904  | 162  | 338904   | 46.609  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 7.981  | 180  | 351608   | 46.264  | ng    | 99       |
| 31) Naphthalene               | 8.063  | 128  | 1174500  | 45.212  | ng    | 99       |
| 32) Benzoic acid              | 7.851  | 122  | 287755   | 48.699  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.116  | 127  | 241492   | 21.188  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.175  | 225  | 206468   | 45.054  | ng    | 99       |
| 35) Caprolactam               | 8.498  | 113  | 122642m  | 50.257  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.610  | 107  | 383019   | 47.396  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.751  | 142  | 759548   | 43.497  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.851  | 142  | 702431   | 42.966  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 8.922  | 216  | 351251   | 43.757  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.904  | 237  | 272512   | 77.318  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.039  | 196  | 238886   | 45.452  | ng    | 98       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091923\  
 Data File : BF135333.D  
 Acq On : 19 Sep 2023 14:12  
 Operator : CG\JU  
 Sample : PB155601BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB155601BS

Quant Time: Sep 20 01:33:24 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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/20/2023  
 Supervised By :mohammad ahmed 09/20/2023

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.086  | 196  | 254935   | 42.120 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.222  | 154  | 941507   | 44.217 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.245  | 162  | 696630   | 45.091 | ng    | 97       |
| 48) 2-Nitroaniline            | 9.351  | 65   | 279149   | 46.509 | ng    | 97       |
| 49) Acenaphthylene            | 9.663  | 152  | 1091231  | 42.500 | ng    | 100      |
| 50) Dimethylphthalate         | 9.528  | 163  | 856747   | 45.734 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.592  | 165  | 189736   | 46.234 | ng    | 99       |
| 52) Acenaphthene              | 9.833  | 154  | 672176   | 44.316 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.763  | 138  | 149044   | 30.940 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.881  | 184  | 200511   | 85.592 | ng    | 96       |
| 55) Dibenzofuran              | 10.004 | 168  | 963464   | 41.626 | ng    | 96       |
| 56) 4-Nitrophenol             | 9.945  | 139  | 268897   | 87.829 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 10.004 | 165  | 225552   | 43.902 | ng    | # 84     |
| 58) Fluorene                  | 10.351 | 166  | 764484   | 42.964 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.128 | 232  | 218471   | 46.923 | ng    | 100      |
| 60) Diethylphthalate          | 10.233 | 149  | 859332   | 45.708 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.339 | 204  | 354595   | 41.485 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.386 | 138  | 214431   | 46.308 | ng    | 99       |
| 63) Azobenzene                | 10.504 | 77   | 837071   | 45.493 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.416 | 198  | 141299   | 49.709 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.469 | 169  | 721731   | 44.545 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 10.833 | 248  | 237230   | 44.569 | ng    | 94       |
| 68) Hexachlorobenzene         | 10.898 | 284  | 249282   | 45.970 | ng    | # 88     |
| 69) Atrazine                  | 11.004 | 200  | 240163   | 55.088 | ng    | 99       |
| 70) Pentachlorophenol         | 11.098 | 266  | 250659   | 77.260 | ng    | 97       |
| 71) Phenanthrene              | 11.316 | 178  | 1137976  | 44.958 | ng    | 98       |
| 72) Anthracene                | 11.369 | 178  | 1160723  | 44.613 | ng    | 100      |
| 73) Carbazole                 | 11.527 | 167  | 1119942  | 47.286 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.857 | 149  | 1337470  | 47.923 | ng    | 99       |
| 75) Fluoranthene              | 12.510 | 202  | 1227013  | 46.523 | ng    | 99       |
| 77) Benzidine                 | 12.633 | 184  | 318647   | 58.542 | ng    | 100      |
| 78) Pyrene                    | 12.739 | 202  | 1220466  | 48.248 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.363 | 149  | 485884   | 54.556 | ng    | 92       |
| 81) Benzo(a)anthracene        | 13.939 | 228  | 774741   | 45.158 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.898 | 252  | 185323   | 34.583 | ng    | # 97     |
| 83) Chrysene                  | 13.974 | 228  | 757912   | 44.434 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.927 | 149  | 543704   | 59.491 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.545 | 149  | 820829   | 56.515 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.898 | 276  | 776620   | 49.455 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 14.986 | 252  | 640078   | 49.369 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.015 | 252  | 634445   | 49.537 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.351 | 252  | 580631   | 46.961 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.909 | 278  | 630308   | 49.055 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.345 | 276  | 659288   | 49.131 | ng    | 99       |

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

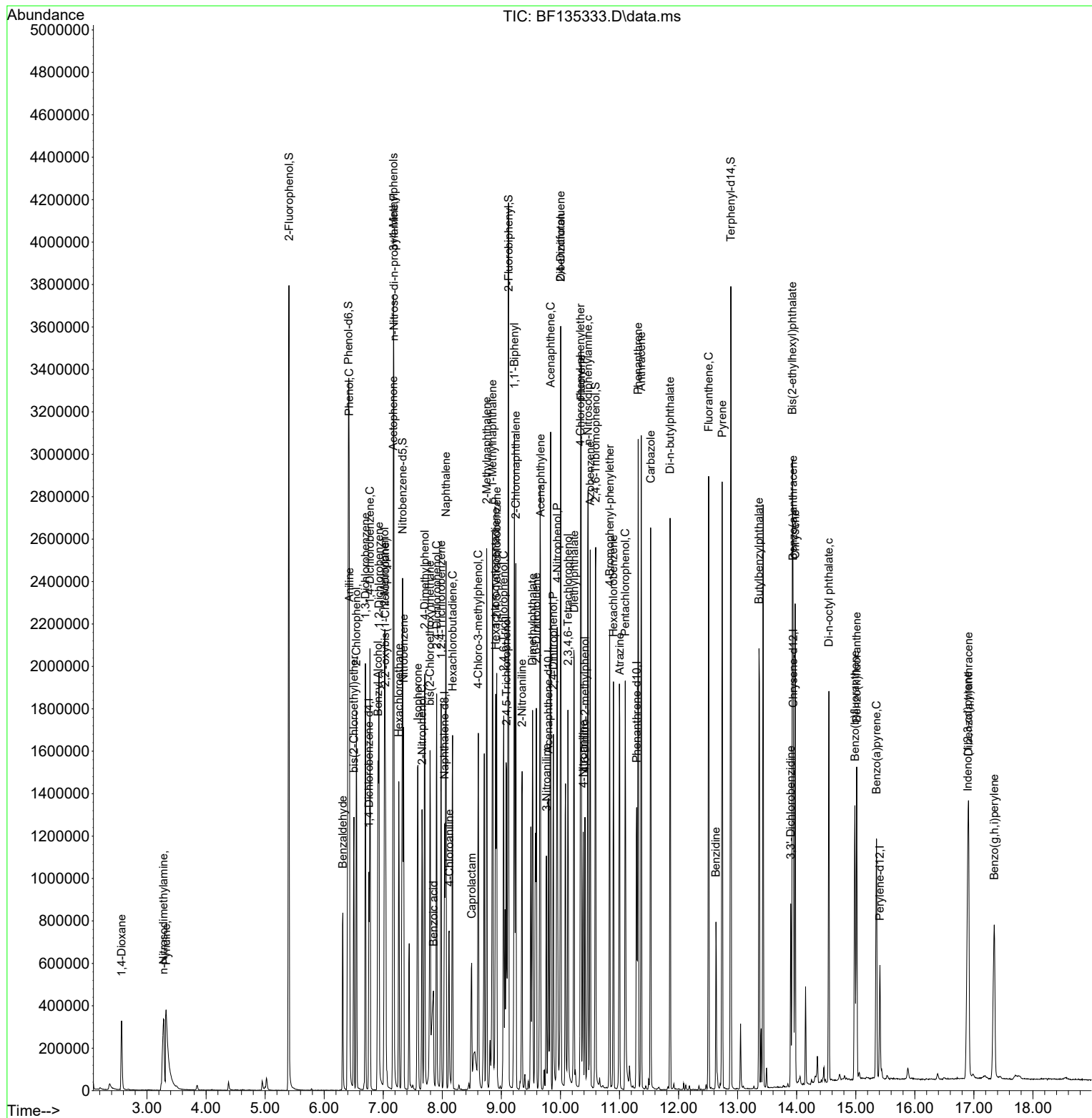
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091923\  
 Data File : BF135333.D  
 Acq On : 19 Sep 2023 14:12  
 Operator : CG\JU  
 Sample : PB155601BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

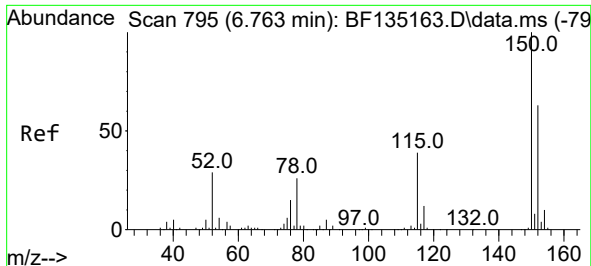
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB155601BS

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/20/2023  
 Supervised By :mohammad ahmed 09/20/2023

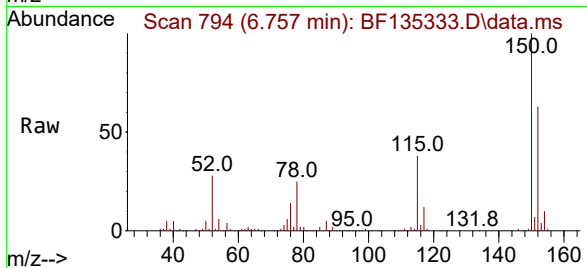
Quant Time: Sep 20 01:33:24 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 00:19:07 2023  
 Response via : Initial Calibration





#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.757 min Scan# 79  
 Delta R.T. -0.006 min  
 Lab File: BF135333.D  
 Acq: 19 Sep 2023 14:12

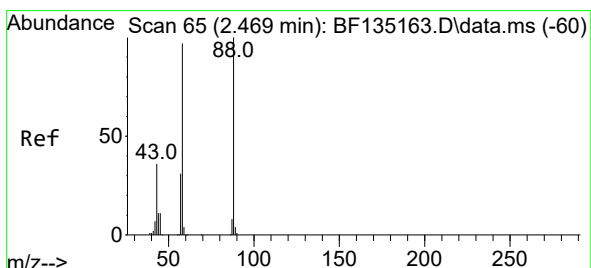
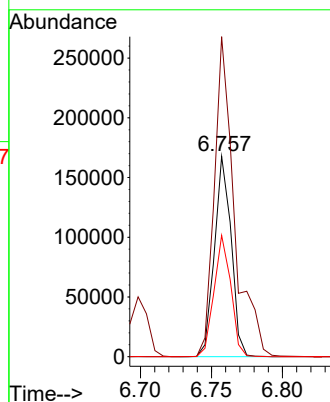
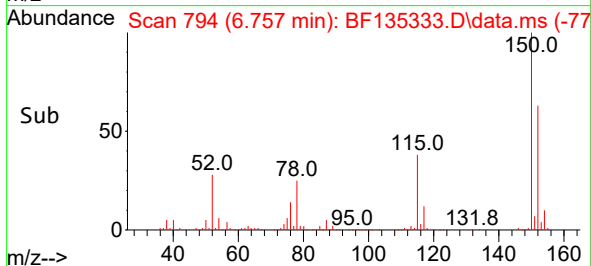
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB155601BS



Tgt Ion:152 Resp: 137062  
 Ion Ratio Lower Upper  
 152 100  
 150 159.7 127.8 191.6  
 115 60.6 49.8 74.8

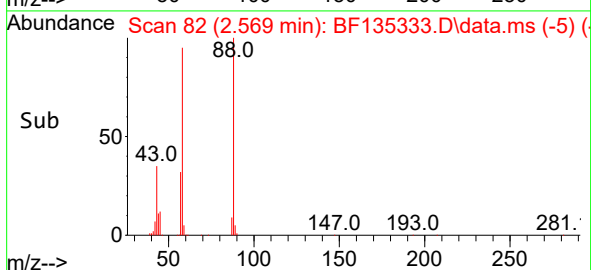
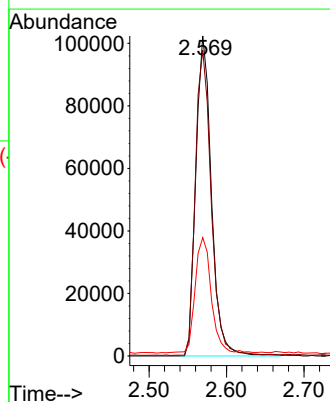
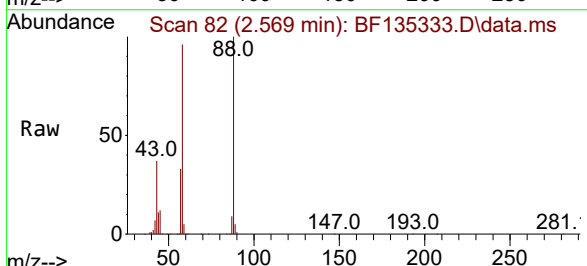
Manual Integrations  
 APPROVED

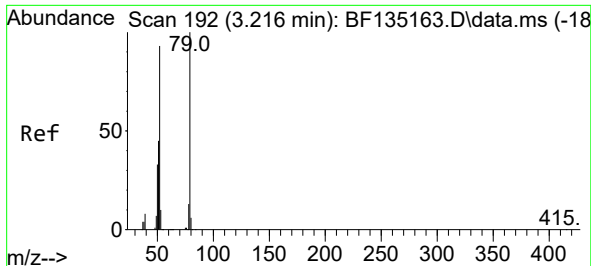
Reviewed By :Yogesh Patel 09/20/2023  
 Supervised By :mohammad ahmed 09/20/2023



#2  
 1,4-Dioxane  
 Concen: 38.698 ng  
 RT: 2.569 min Scan# 82  
 Delta R.T. 0.100 min  
 Lab File: BF135333.D  
 Acq: 19 Sep 2023 14:12

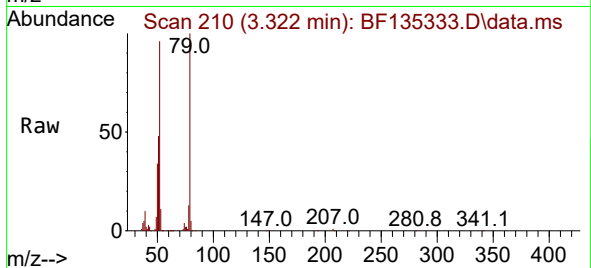
Tgt Ion: 88 Resp: 142962  
 Ion Ratio Lower Upper  
 88 100  
 58 97.0 78.3 117.5  
 43 37.1 29.4 44.0





#3  
Pyridine  
Concen: 37.690 ng  
RT: 3.322 min Scan# 210  
Delta R.T. 0.106 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

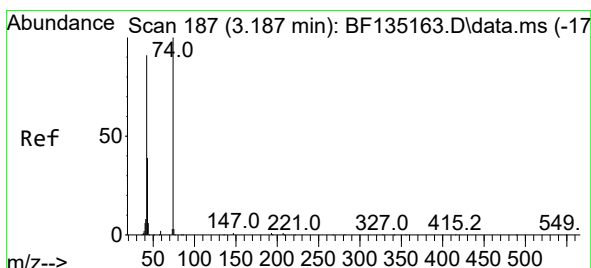
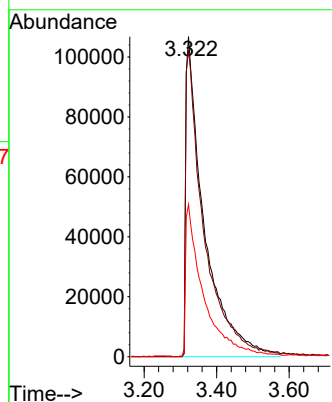
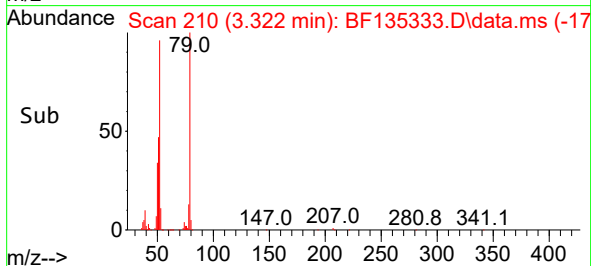
Instrument :  
BNA\_F  
ClientSampleId :  
PB155601BS



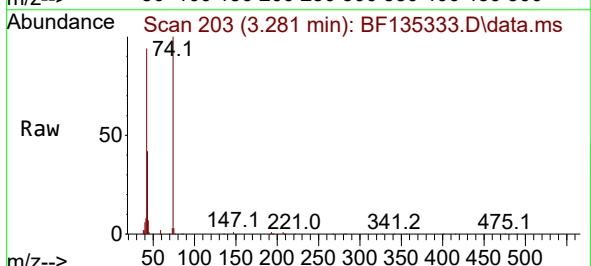
Tgt Ion: 79 Resp: 374744  
Ion Ratio Lower Upper  
79 100  
52 95.9 74.1 111.1  
51 47.6 35.8 53.8

Manual Integrations  
APPROVED

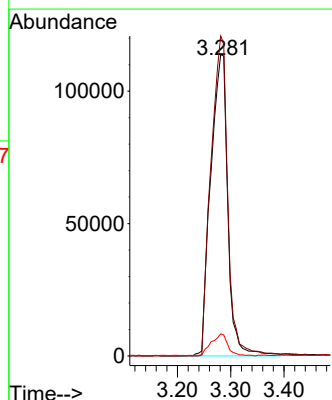
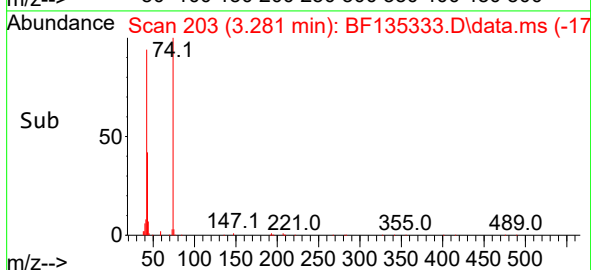
Reviewed By :Yogesh Patel 09/20/2023  
Supervised By :mohammad ahmed 09/20/2023

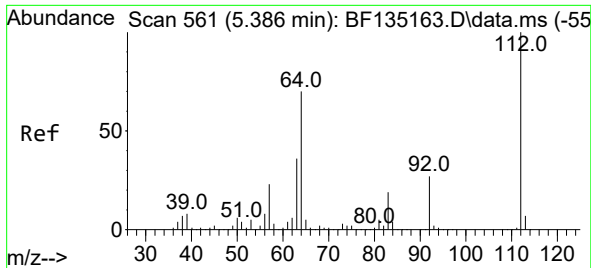


#4  
n-Nitrosodimethylamine  
Concen: 47.974 ng  
RT: 3.281 min Scan# 203  
Delta R.T. 0.094 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12



Tgt Ion: 42 Resp: 253120  
Ion Ratio Lower Upper  
42 100  
74 106.2 87.7 131.5  
44 7.3 5.6 8.4





#5  
2-Fluorophenol  
Concen: 122.787 ng  
RT: 5.404 min Scan# 50  
Delta R.T. 0.018 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

Instrument :

BNA\_F

ClientSampleId :

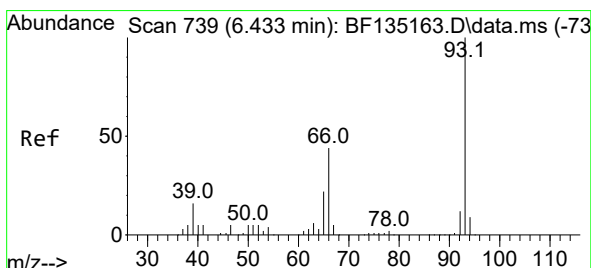
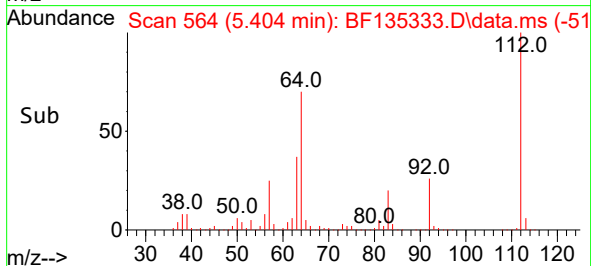
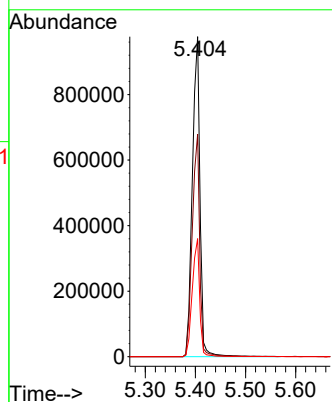
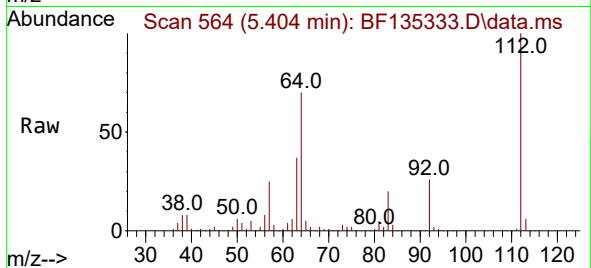
PB155601BS

Tgt Ion:112 Resp: 103473  
Ion Ratio Lower Upper  
112 100  
64 69.6 55.9 83.9  
63 36.9 29.0 43.6

Manual Integrations

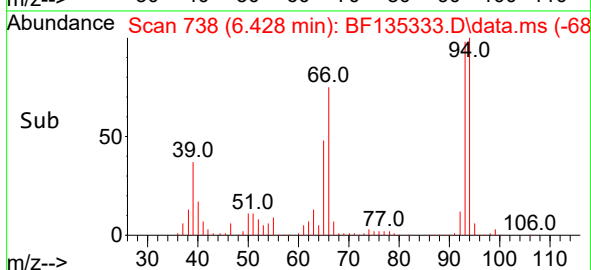
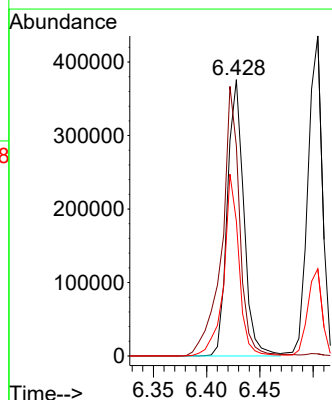
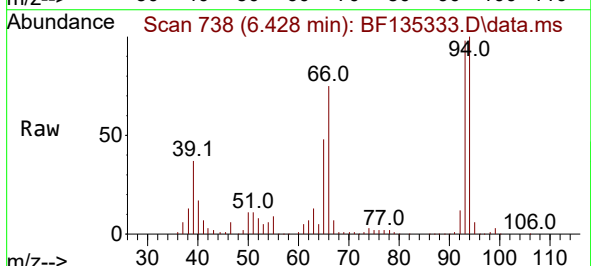
APPROVED

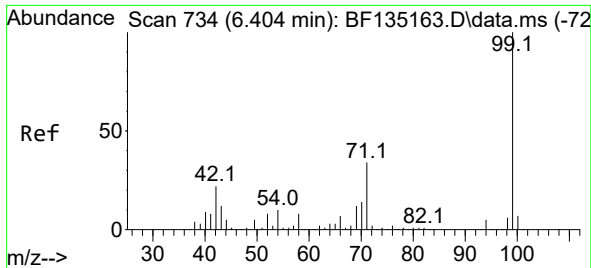
Reviewed By :Yogesh Patel 09/20/2023  
Supervised By :mohammad ahmed 09/20/2023



#6  
Aniline  
Concen: 28.522 ng  
RT: 6.428 min Scan# 738  
Delta R.T. -0.006 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

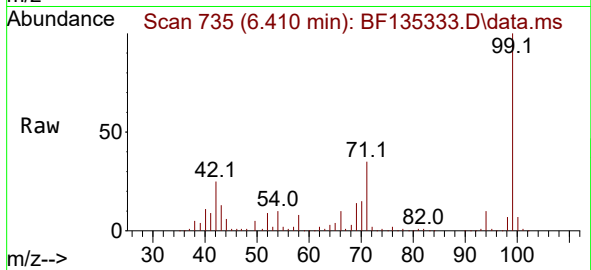
Tgt Ion: 93 Resp: 400786  
Ion Ratio Lower Upper  
93 100  
66 76.0 35.4 53.0#  
65 48.8 17.8 26.8#





#7  
Phenol-d6  
Concen: 124.667 ng  
RT: 6.410 min Scan# 710  
Delta R.T. 0.006 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

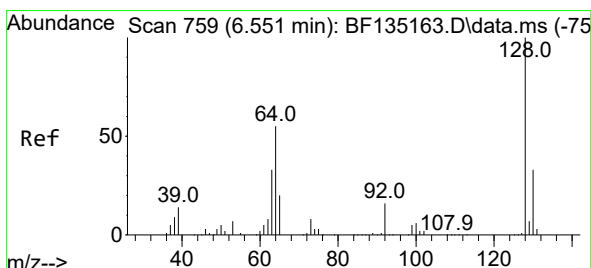
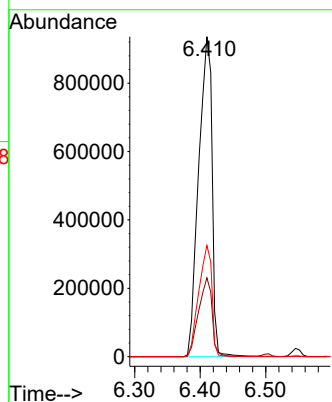
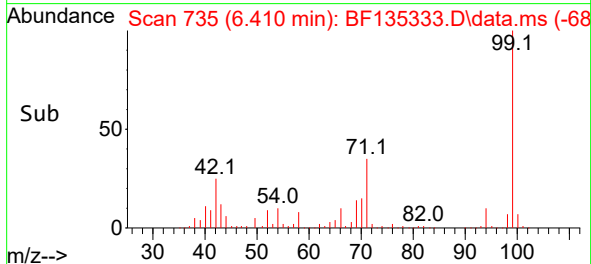
Instrument :  
BNA\_F  
ClientSampleId :  
PB155601BS



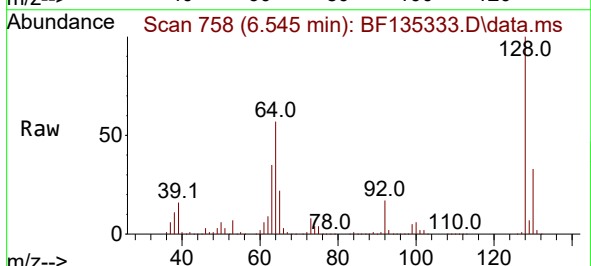
Tgt Ion: 99 Resp: 133587  
Ion Ratio Lower Upper  
99 100  
42 24.6 17.9 26.9  
71 34.7 27.0 40.6

Manual Integrations  
APPROVED

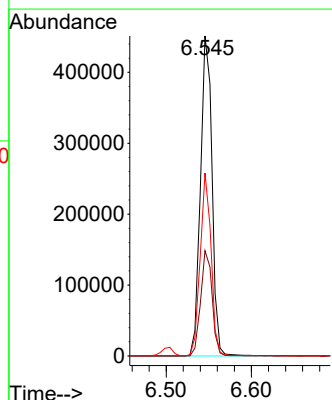
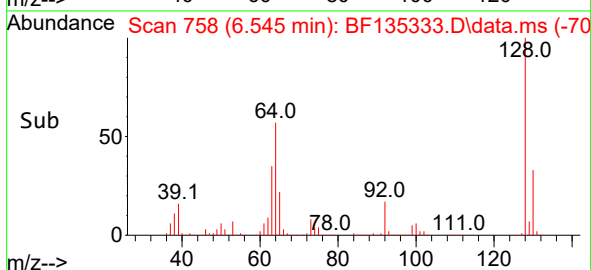
Reviewed By :Yogesh Patel 09/20/2023  
Supervised By :mohammad ahmed 09/20/2023

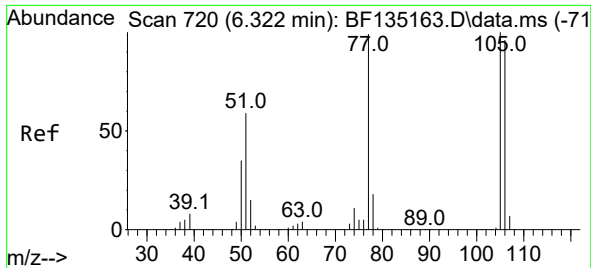


#8  
2-Chlorophenol  
Concen: 47.302 ng  
RT: 6.545 min Scan# 758  
Delta R.T. -0.006 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12



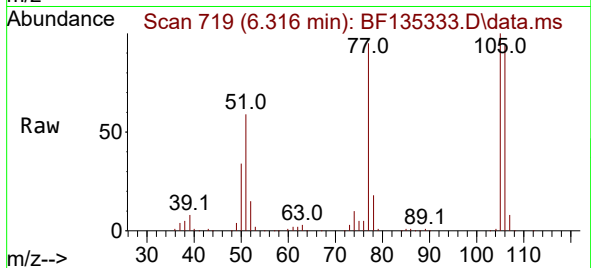
Tgt Ion:128 Resp: 425529  
Ion Ratio Lower Upper  
128 100  
130 32.9 12.7 52.7  
64 57.1 35.9 75.9





#9  
Benzaldehyde  
Concen: 25.477 ng  
RT: 6.316 min Scan# 719  
Delta R.T. -0.006 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

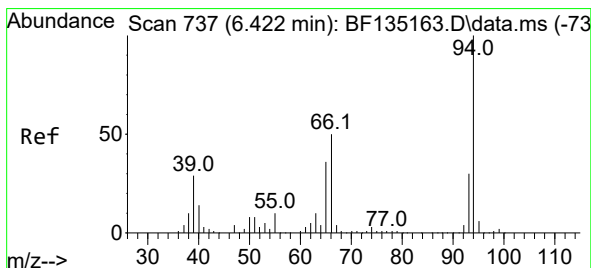
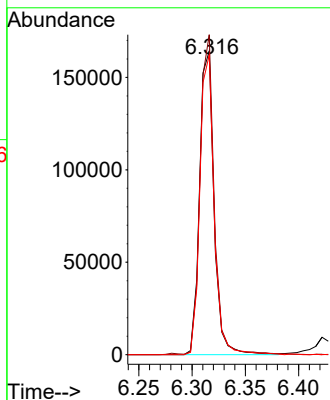
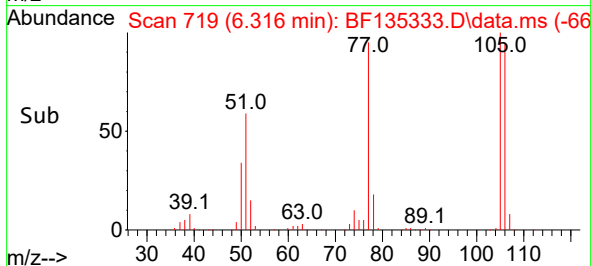
Instrument :  
BNA\_F  
ClientSampleId :  
PB155601BS



Tgt Ion: 77 Resp: 15552  
Ion Ratio Lower Upper  
77 100  
105 105.4 81.4 121.4  
106 98.7 76.9 116.9

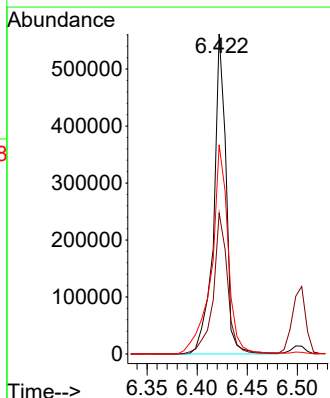
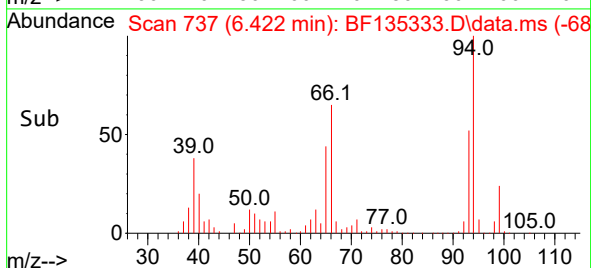
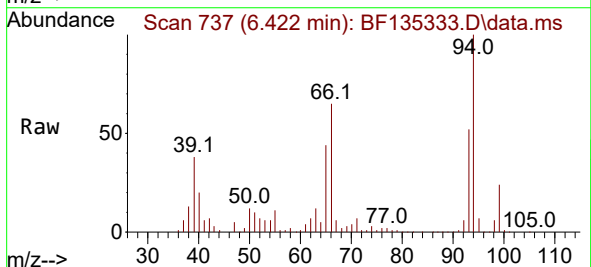
Manual Integrations  
APPROVED

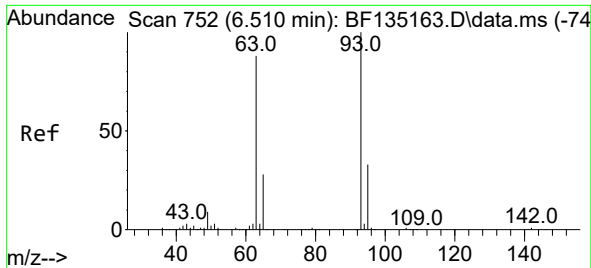
Reviewed By :Yogesh Patel 09/20/2023  
Supervised By :mohammad ahmed 09/20/2023



#10  
Phenol  
Concen: 40.940 ng  
RT: 6.422 min Scan# 737  
Delta R.T. 0.000 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

Tgt Ion: 94 Resp: 481049  
Ion Ratio Lower Upper  
94 100  
65 44.1 15.9 55.9  
66 65.3 29.8 69.8





#11  
bis(2-Chloroethyl)ether  
Concen: 45.717 ng  
RT: 6.504 min Scan# 751  
Delta R.T. -0.006 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

Instrument :

BNA\_F

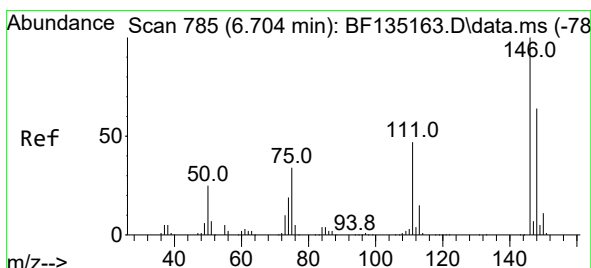
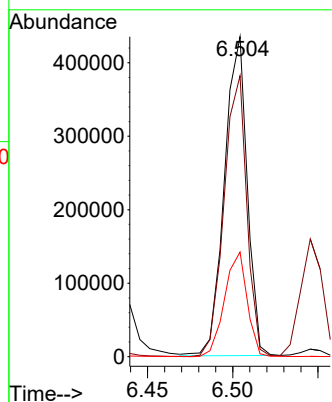
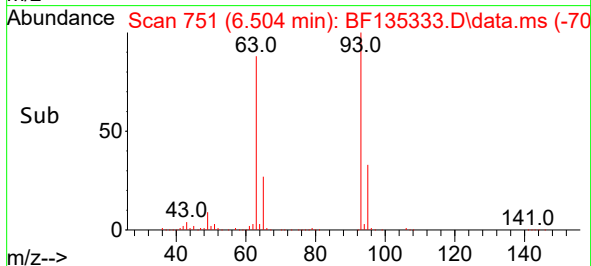
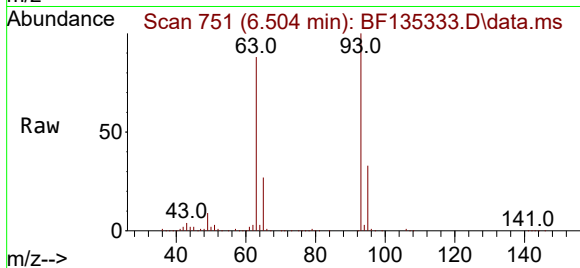
ClientSampleId :

PB155601BS

Tgt Ion: 93 Resp: 40294  
Ion Ratio Lower Upper  
93 100  
63 87.8 67.3 107.3  
95 32.7 12.7 52.7

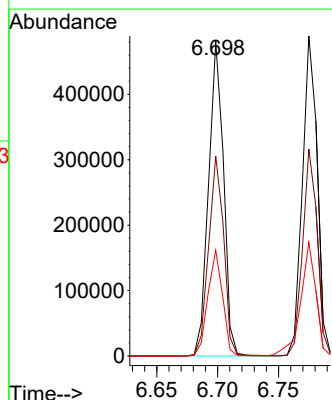
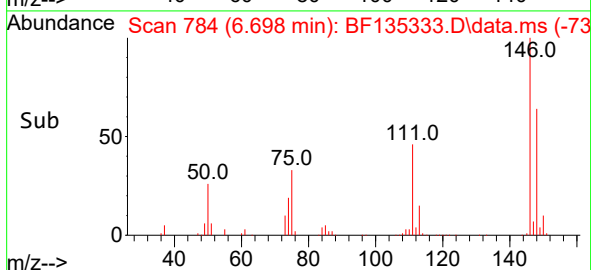
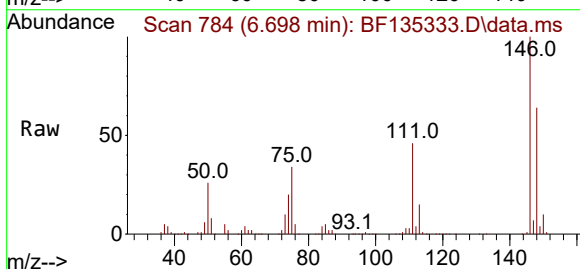
Manual Integrations  
APPROVED

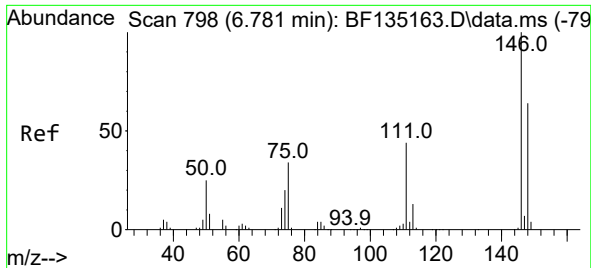
Reviewed By :Yogesh Patel 09/20/2023  
Supervised By :mohammad ahmed 09/20/2023



#12  
1,3-Dichlorobenzene  
Concen: 44.965 ng  
RT: 6.698 min Scan# 784  
Delta R.T. -0.006 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

Tgt Ion:146 Resp: 411093  
Ion Ratio Lower Upper  
146 100  
148 63.6 51.3 76.9  
75 33.6 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 44.944 ng

RT: 6.775 min Scan# 798

Delta R.T. -0.006 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

Instrument :

BNA\_F

ClientSampleId :

PB155601BS

Tgt Ion:146 Resp: 41804

Ion Ratio Lower Upper

146 100

148 64.7 51.3 76.9

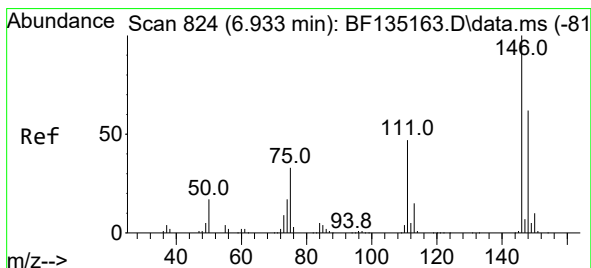
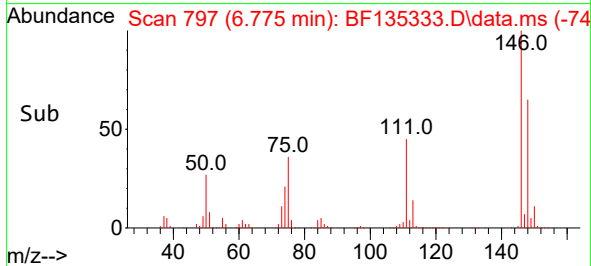
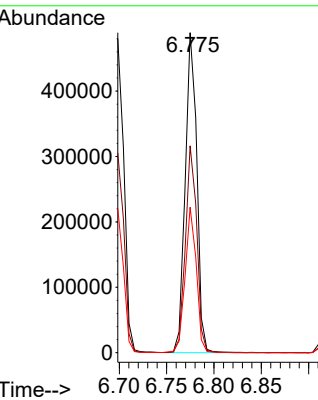
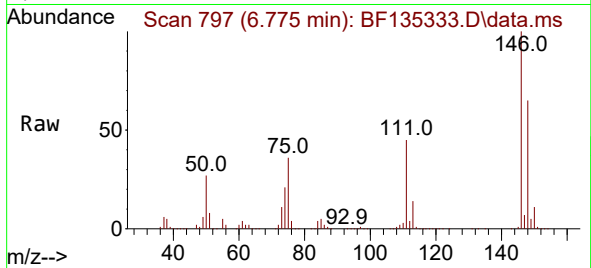
111 45.4 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#14

1,2-Dichlorobenzene

Concen: 45.763 ng

RT: 6.928 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

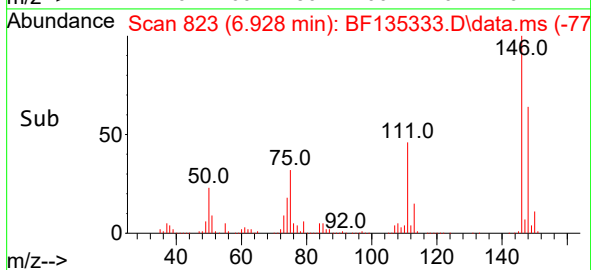
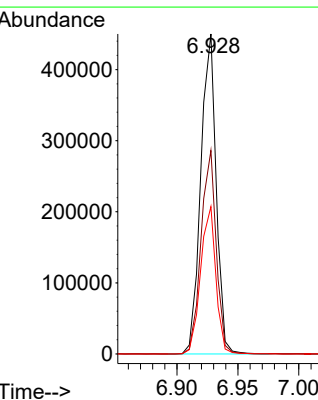
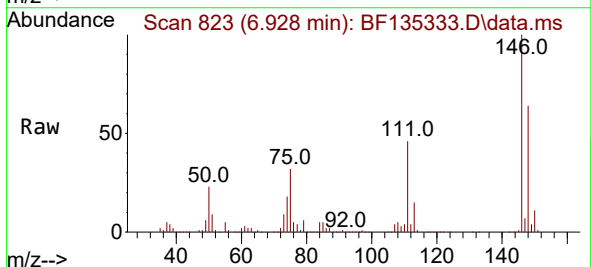
Tgt Ion:146 Resp: 395301

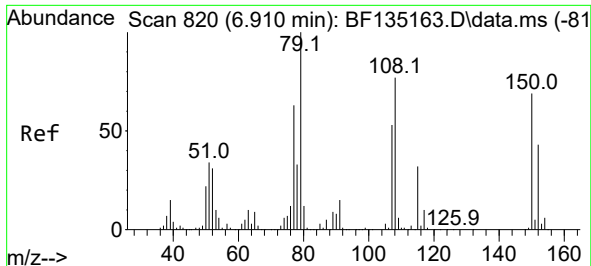
Ion Ratio Lower Upper

146 100

148 63.6 49.7 74.5

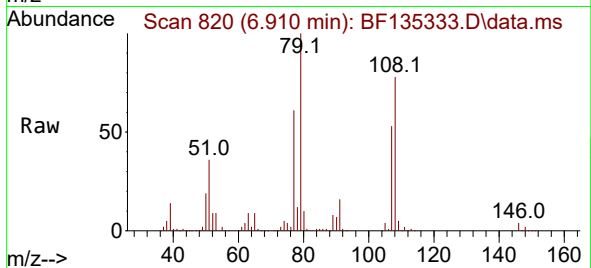
111 46.1 37.4 56.2





#15  
Benzyl Alcohol  
Concen: 46.192 ng  
RT: 6.910 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

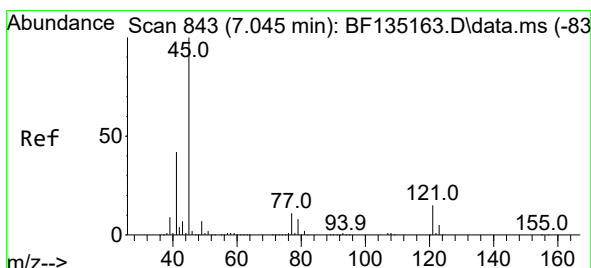
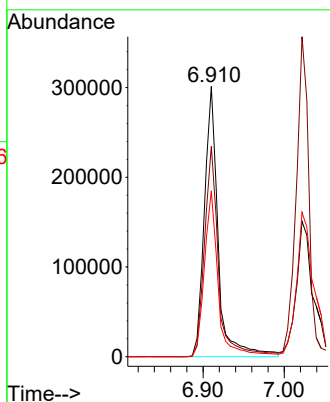
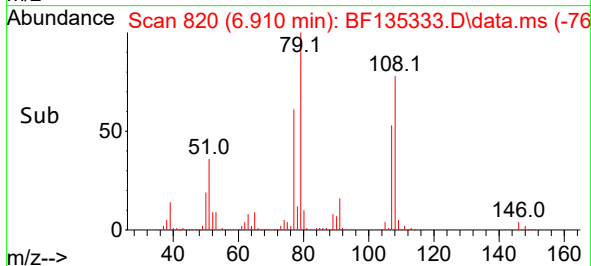
Instrument :  
BNA\_F  
ClientSampleId :  
PB155601BS



Tgt Ion: 79 Resp: 35518  
Ion Ratio Lower Upper  
79 100  
108 77.8 61.2 91.8  
77 61.4 50.5 75.7

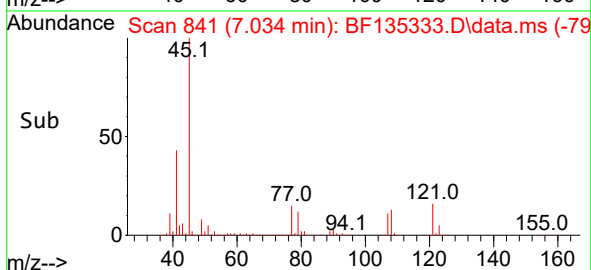
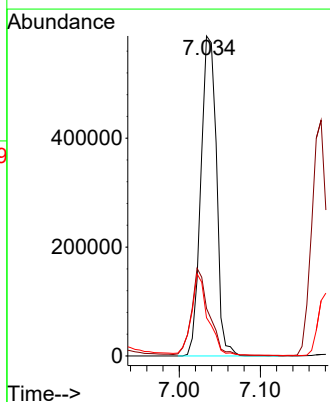
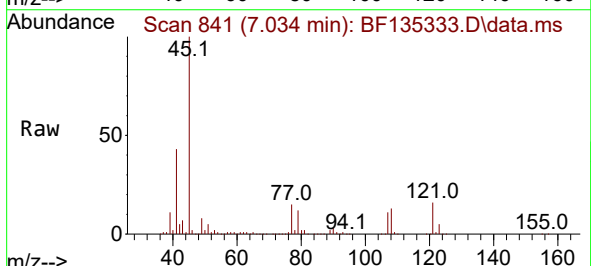
Manual Integrations  
APPROVED

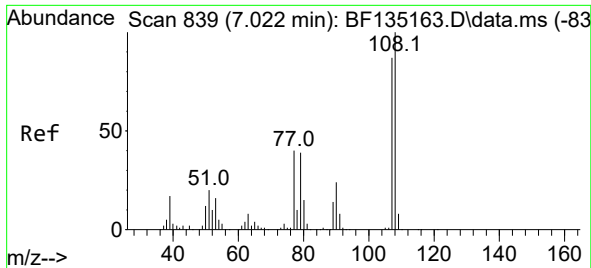
Reviewed By :Yogesh Patel 09/20/2023  
Supervised By :mohammad ahmed 09/20/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 47.121 ng  
RT: 7.034 min Scan# 841  
Delta R.T. -0.012 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

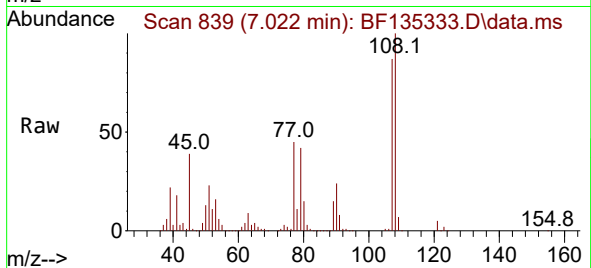
Tgt Ion: 45 Resp: 782830  
Ion Ratio Lower Upper  
45 100  
77 14.8 0.0 30.6  
79 12.0 0.0 28.3





#17  
2-Methylphenol  
Concen: 42.879 ng  
RT: 7.022 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

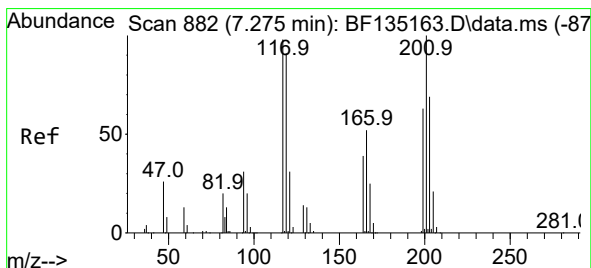
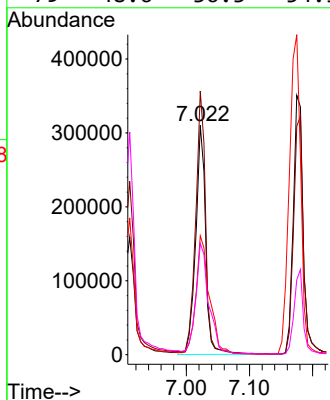
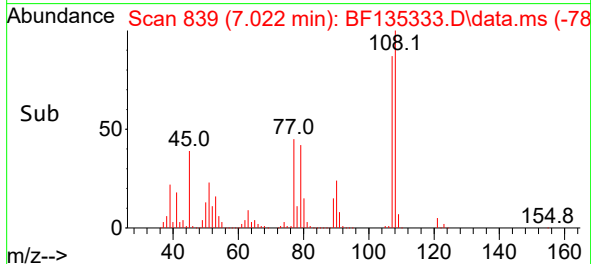
Instrument :  
BNA\_F  
ClientSampleId :  
PB155601BS



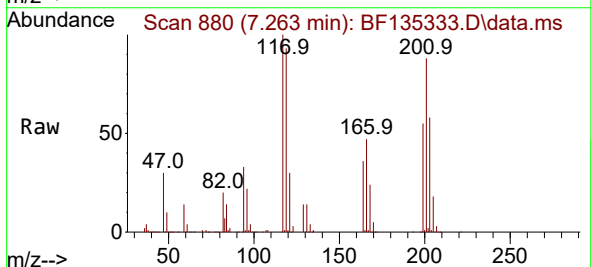
Tgt Ion:107 Resp: 34040  
Ion Ratio Lower Upper  
107 100  
108 115.0 92.0 138.0  
77 51.9 36.7 55.1  
79 48.6 36.3 54.5

Manual Integrations  
APPROVED

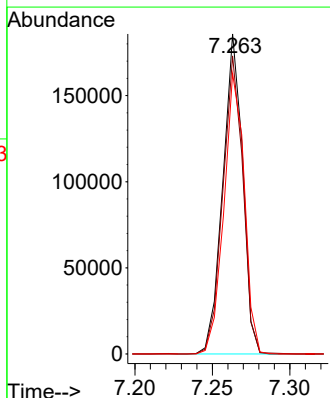
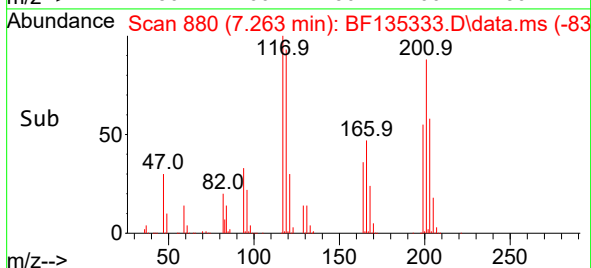
Reviewed By :Yogesh Patel 09/20/2023  
Supervised By :mohammad ahmed 09/20/2023

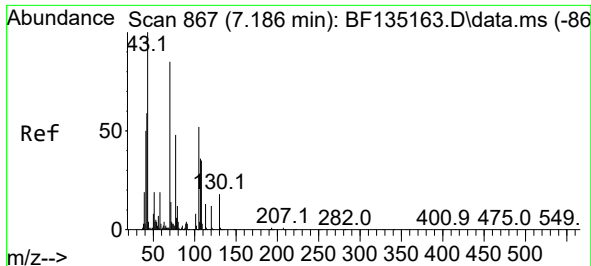


#18  
Hexachloroethane  
Concen: 48.120 ng  
RT: 7.263 min Scan# 880  
Delta R.T. -0.012 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12



Tgt Ion:117 Resp: 165382  
Ion Ratio Lower Upper  
117 100  
119 93.1 74.7 112.1  
201 87.7 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 41.590 ng

RT: 7.181 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF135333.D

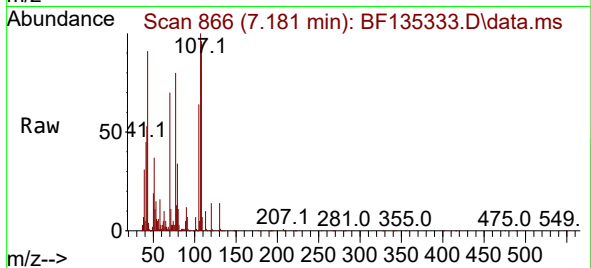
Acq: 19 Sep 2023 14:12

Instrument :

BNA\_F

ClientSampleId :

PB155601BS



Tgt Ion: 70 Resp: 27604

Ion Ratio Lower Upper

70 100

42 76.0 55.4 83.0

101 9.7 7.7 11.5

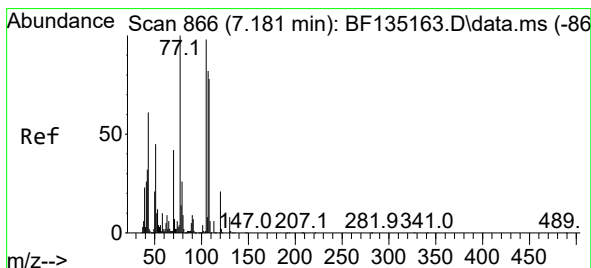
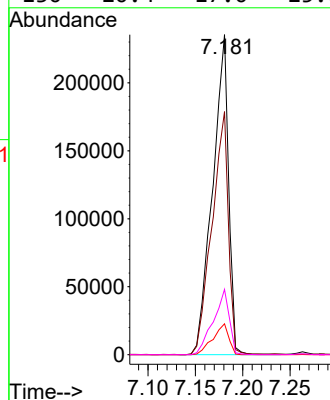
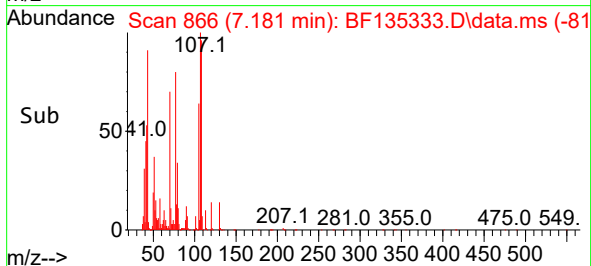
130 20.4 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#20

3+4-Methylphenols

Concen: 40.107 ng

RT: 7.175 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

Tgt Ion:107 Resp: 382856

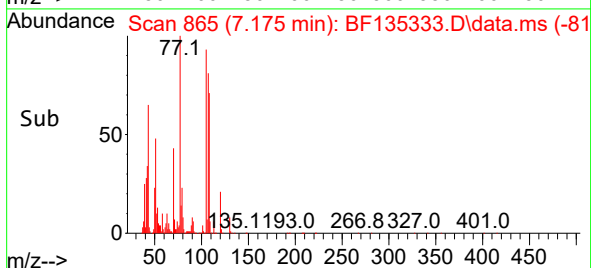
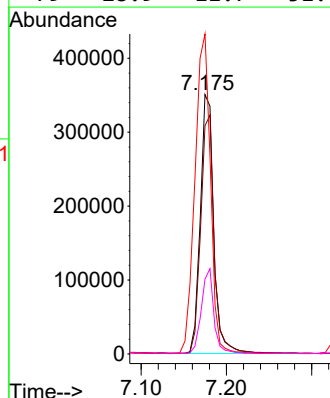
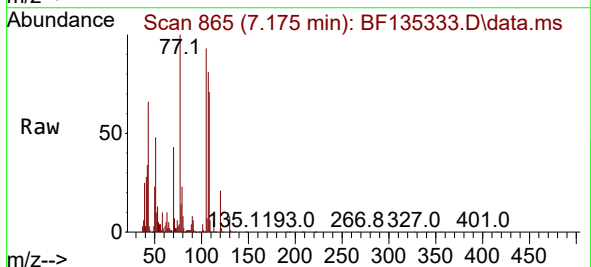
Ion Ratio Lower Upper

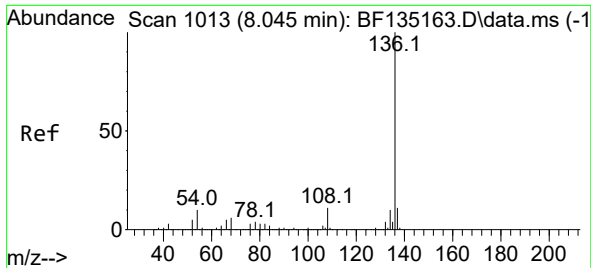
107 100

108 88.0 74.7 114.7

77 123.4 102.0 142.0

79 28.9 11.7 51.7





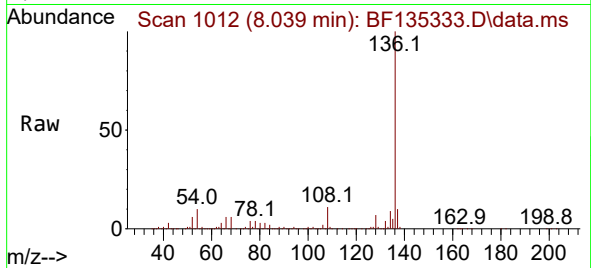
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.039 min Scan# 1013  
Delta R.T. -0.006 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

Instrument :

BNA\_F

ClientSampleId :

PB155601BS

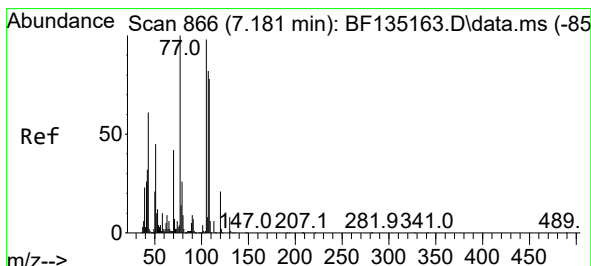
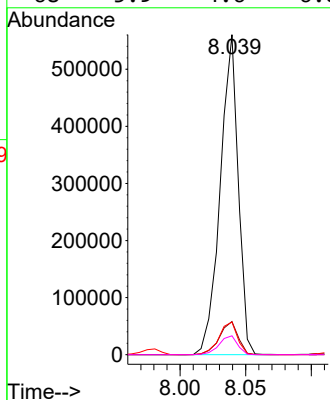
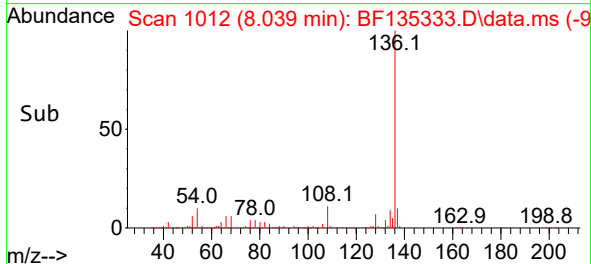


Tgt Ion:136 Resp: 534660  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.8 13.2  
54 10.2 7.7 11.5  
68 5.9 4.6 6.8

Manual Integrations

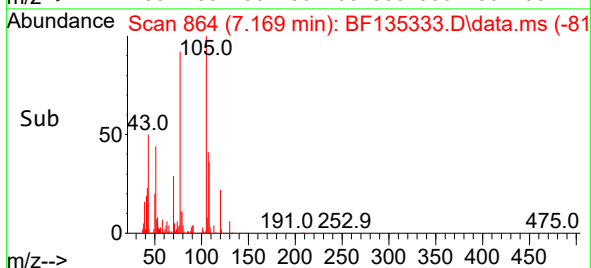
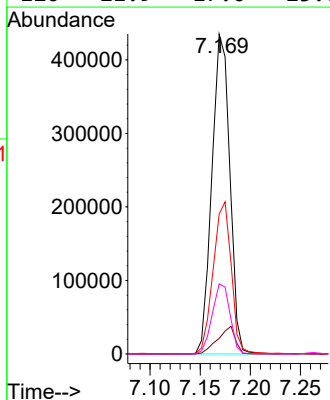
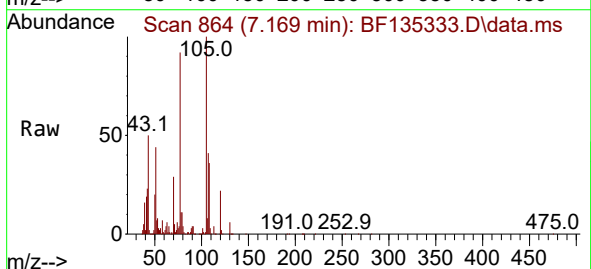
APPROVED

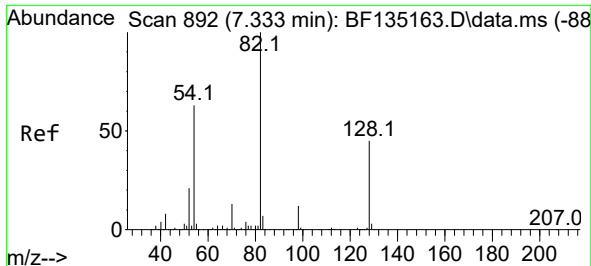
Reviewed By :Yogesh Patel 09/20/2023  
Supervised By :mohammad ahmed 09/20/2023



#22  
Acetophenone  
Concen: 44.295 ng  
RT: 7.169 min Scan# 864  
Delta R.T. -0.012 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

Tgt Ion:105 Resp: 541446  
Ion Ratio Lower Upper  
105 100  
71 4.9 5.8 8.6#  
51 43.7 37.0 55.4  
120 21.9 17.0 25.6





#23

Nitrobenzene-d5

Concen: 89.353 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

Instrument :

BNA\_F

ClientSampleId :

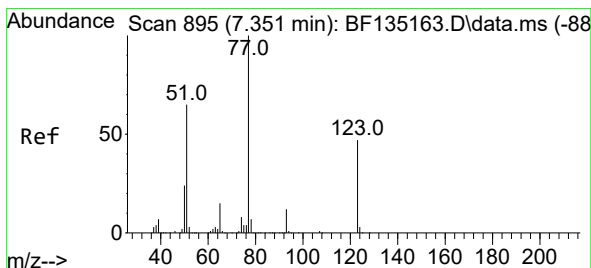
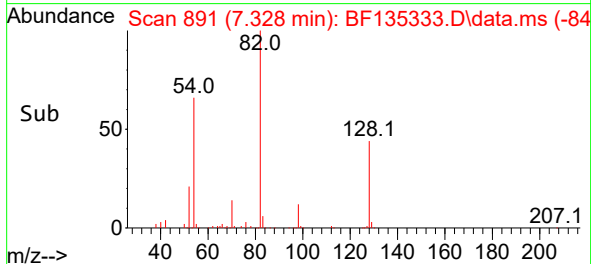
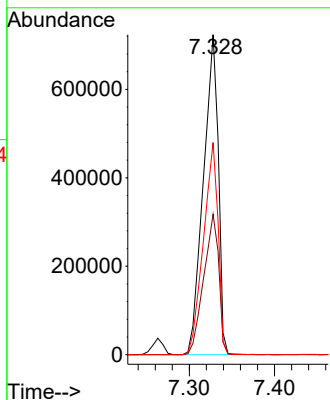
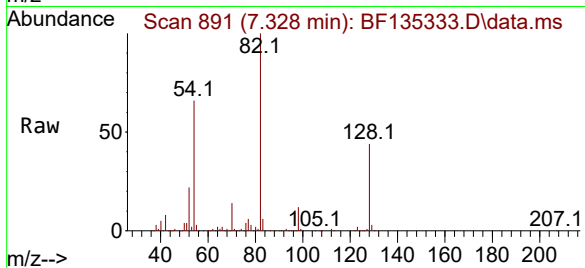
PB155601BS

Tgt Ion: 82 Resp: 879334  
 Ion Ratio Lower Upper  
 82 100  
 128 43.9 35.8 53.6  
 54 66.3 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023  
 Supervised By :mohammad ahmed 09/20/2023



#24

Nitrobenzene

Concen: 44.689 ng

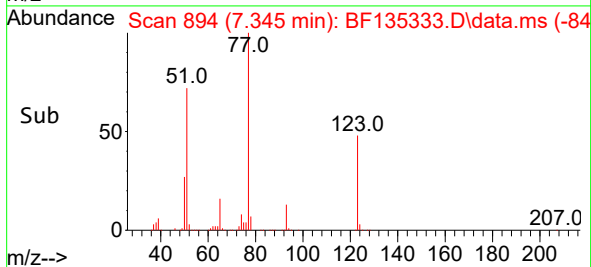
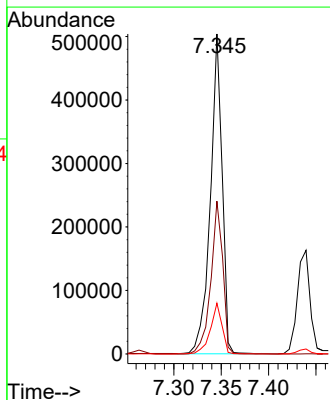
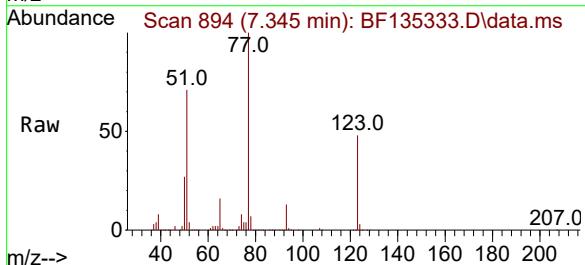
RT: 7.345 min Scan# 894

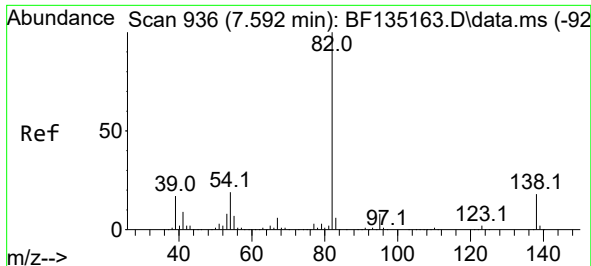
Delta R.T. -0.006 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

Tgt Ion: 77 Resp: 434689  
 Ion Ratio Lower Upper  
 77 100  
 123 47.7 37.6 56.4  
 65 15.9 12.2 18.4





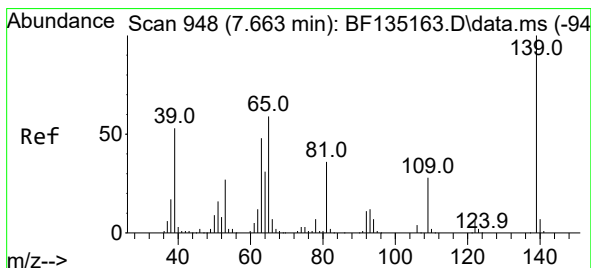
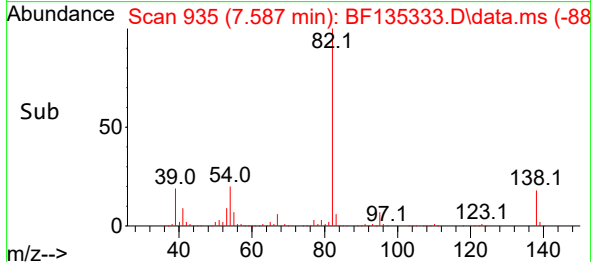
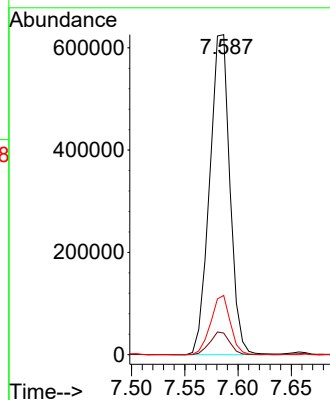
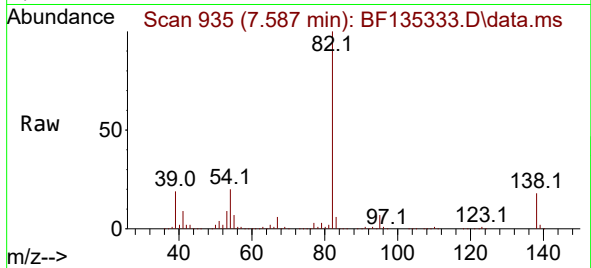
#25  
Isophorone  
Concen: 45.864 ng  
RT: 7.587 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

Instrument :  
BNA\_F  
ClientSampleId :  
PB155601BS

Tgt Ion: 82 Resp: 82880  
Ion Ratio Lower Upper  
82 100  
95 6.8 6.0 9.0  
138 18.5 14.5 21.7

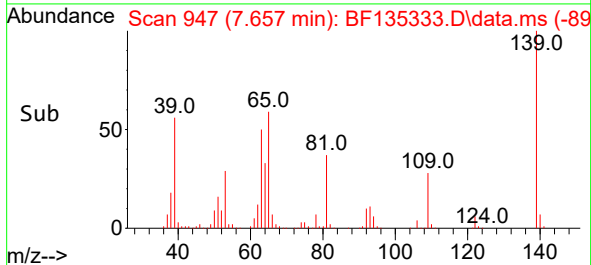
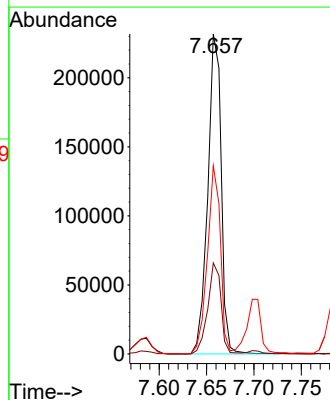
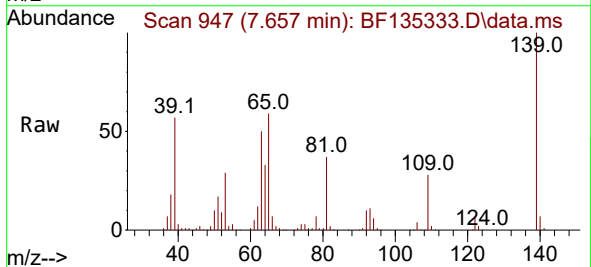
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/20/2023  
Supervised By :mohammad ahmed 09/20/2023



#26  
2-Nitrophenol  
Concen: 48.808 ng  
RT: 7.657 min Scan# 947  
Delta R.T. -0.006 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

Tgt Ion:139 Resp: 227853  
Ion Ratio Lower Upper  
139 100  
109 28.4 22.6 33.8  
65 58.8 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 48.120 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135333.D

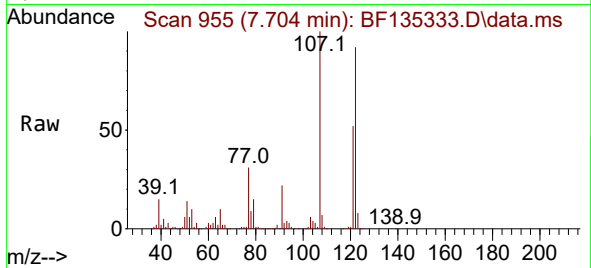
Acq: 19 Sep 2023 14:12

Instrument :

BNA\_F

ClientSampleId :

PB155601BS



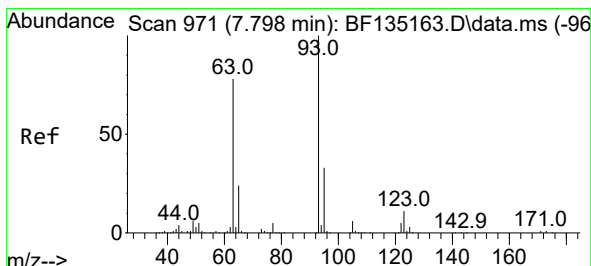
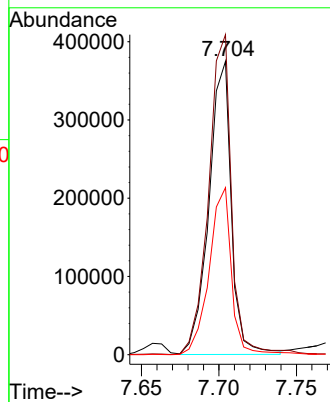
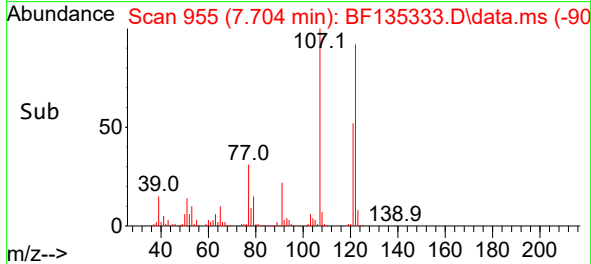
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 377600 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 109.1 | 90.2  | 135.4  |
| 121       | 56.9  | 46.3  | 69.5   |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#28

bis(2-Chloroethoxy)methane

Concen: 46.887 ng

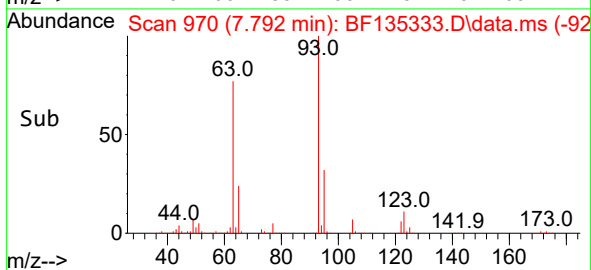
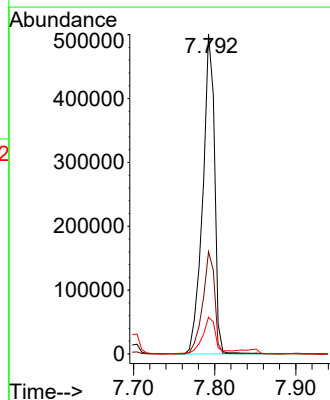
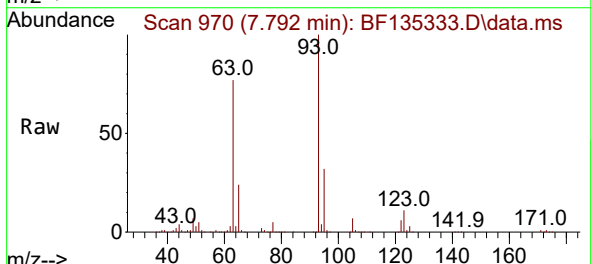
RT: 7.792 min Scan# 970

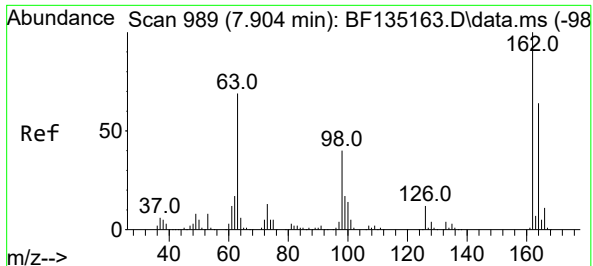
Delta R.T. -0.006 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 507123 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 32.0  | 26.2  | 39.2   |
| 123       | 11.5  | 8.8   | 13.2   |





#29

2,4-Dichlorophenol

Concen: 46.609 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

Instrument :

BNA\_F

ClientSampleId :

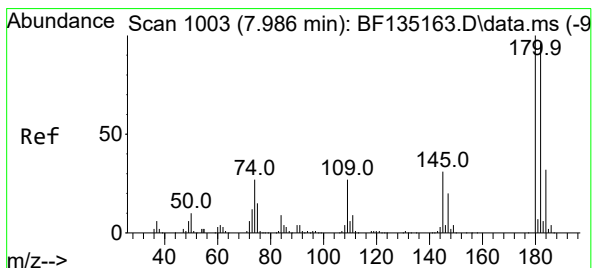
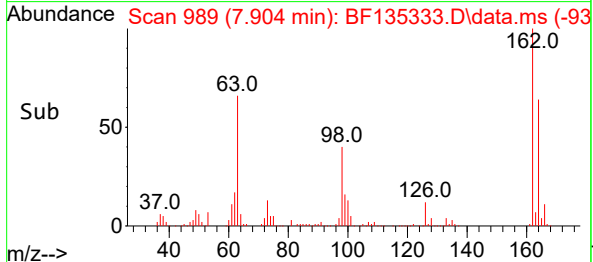
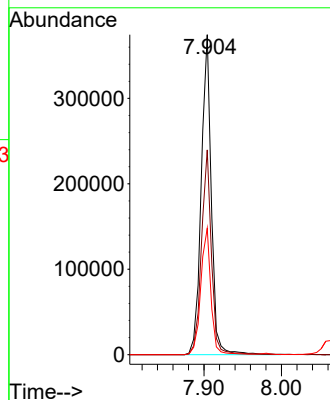
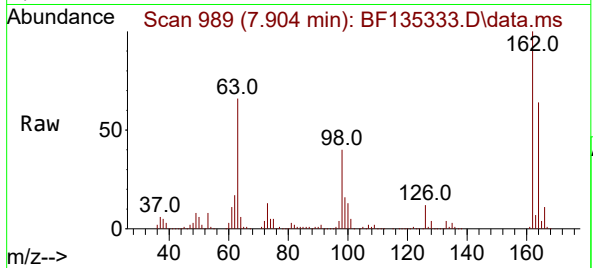
PB155601BS

Tgt Ion:162 Resp: 338904  
 Ion Ratio Lower Upper  
 162 100  
 164 64.0 44.1 84.1  
 98 39.5 20.3 60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023  
 Supervised By :mohammad ahmed 09/20/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.264 ng

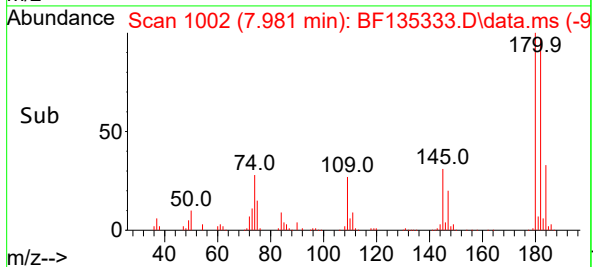
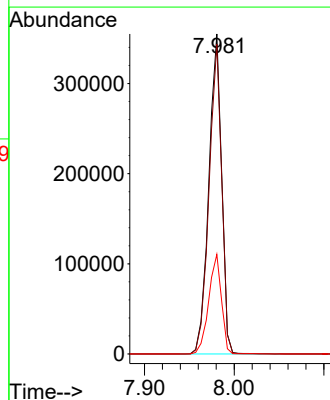
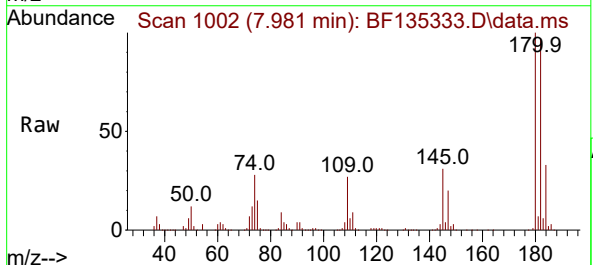
RT: 7.981 min Scan# 1002

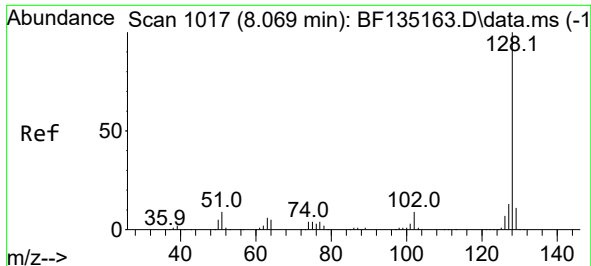
Delta R.T. -0.006 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

Tgt Ion:180 Resp: 351608  
 Ion Ratio Lower Upper  
 180 100  
 182 96.8 76.9 115.3  
 145 31.1 24.5 36.7





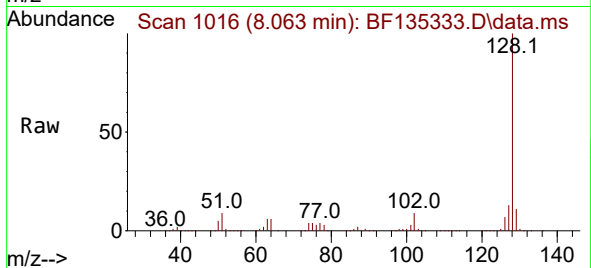
#31  
Naphthalene  
Concen: 45.212 ng  
RT: 8.063 min Scan# 1017  
Delta R.T. -0.006 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

Instrument :

BNA\_F

ClientSampleId :

PB155601BS

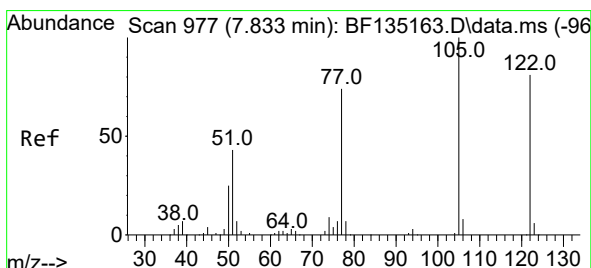
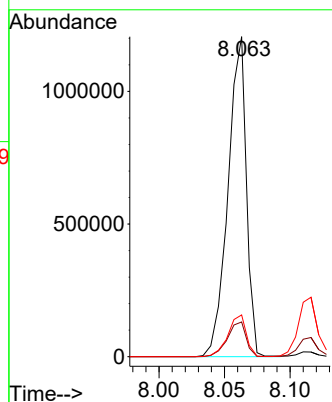
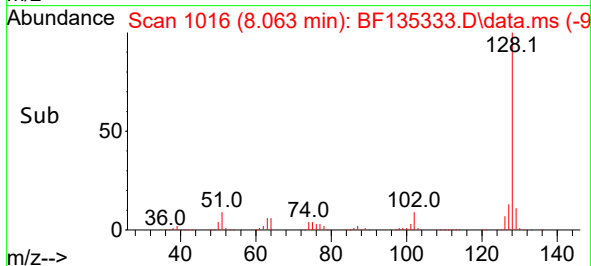


Tgt Ion:128 Resp: 1174500  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.7 13.1  
127 13.1 10.7 16.1

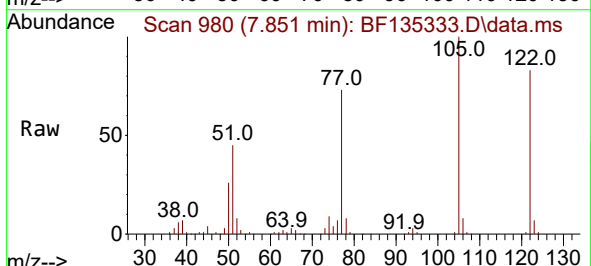
Manual Integrations

APPROVED

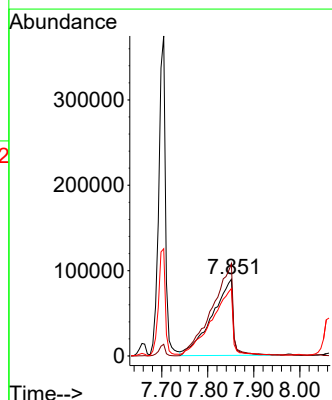
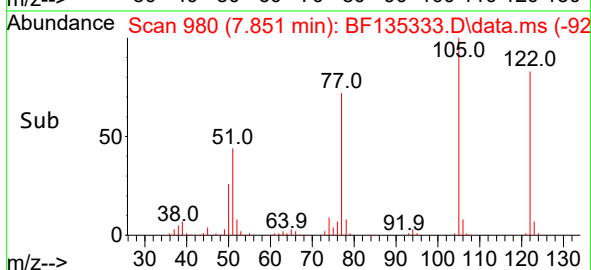
Reviewed By :Yogesh Patel 09/20/2023  
Supervised By :mohammad ahmed 09/20/2023

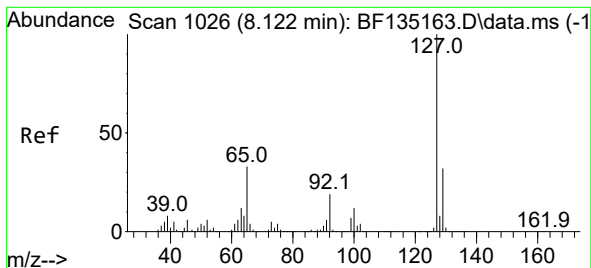


#32  
Benzoic acid  
Concen: 48.699 ng  
RT: 7.851 min Scan# 980  
Delta R.T. 0.018 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12



Tgt Ion:122 Resp: 287755  
Ion Ratio Lower Upper  
122 100  
105 120.4 99.9 139.9  
77 87.9 70.0 110.0





#33

4-Chloroaniline

Concen: 21.188 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

Instrument :

BNA\_F

ClientSampleId :

PB155601BS

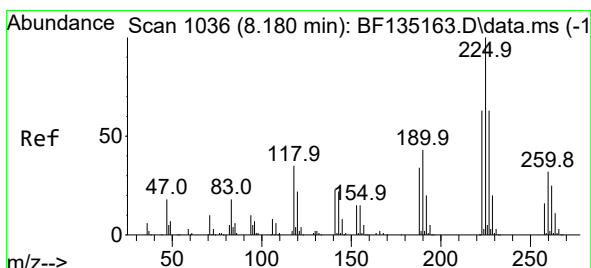
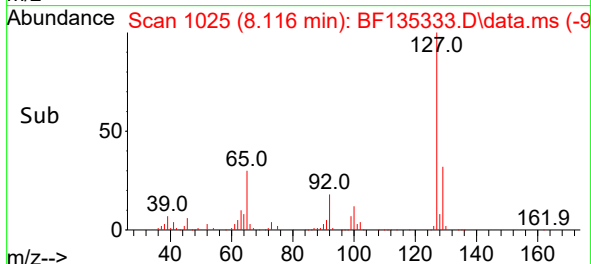
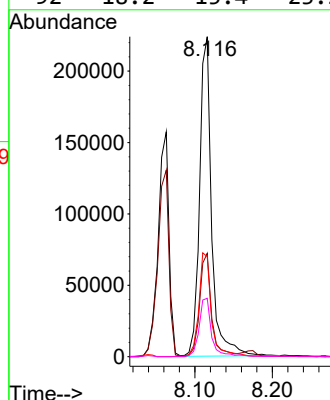
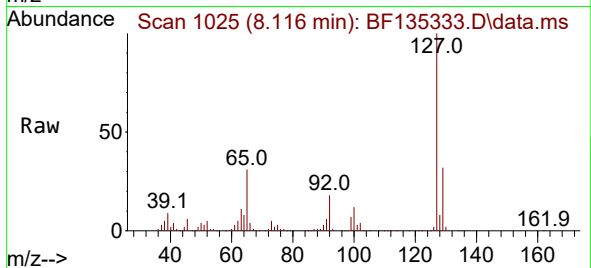
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 241492 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 32.3  | 25.8  | 38.8   |
| 65        | 31.3  | 26.6  | 39.8   |
| 92        | 18.2  | 15.4  | 23.2   |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#34

Hexachlorobutadiene

Concen: 45.054 ng

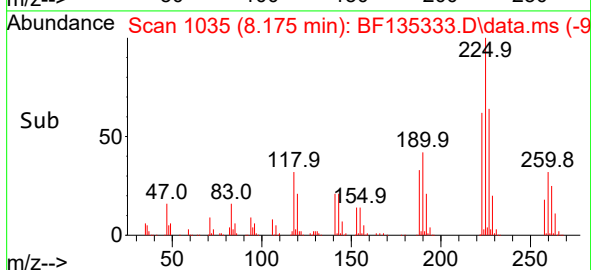
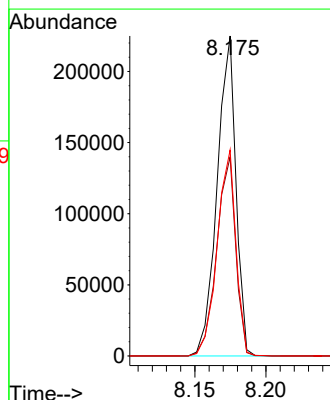
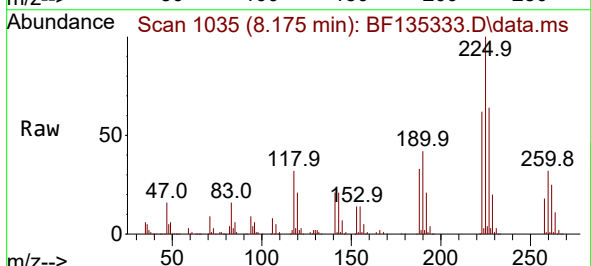
RT: 8.175 min Scan# 1035

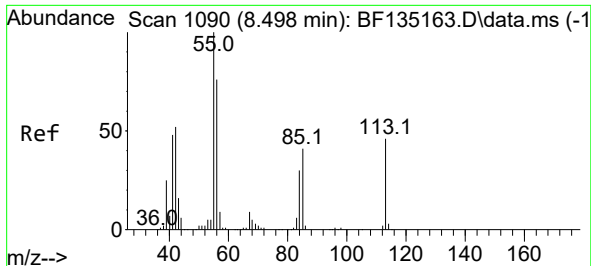
Delta R.T. -0.006 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

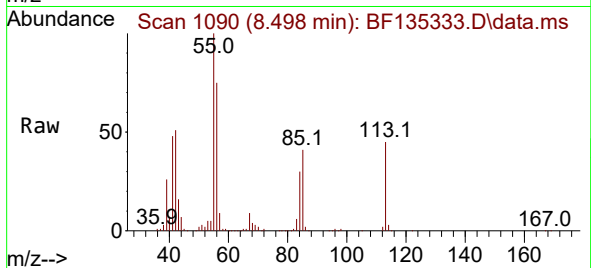
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 206468 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 62.2  | 50.6  | 75.8   |
| 227       | 64.4  | 50.8  | 76.2   |





#35  
Caprolactam  
Concen: 50.257 ng m  
RT: 8.498 min Scan# 1090  
Delta R.T. 0.000 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

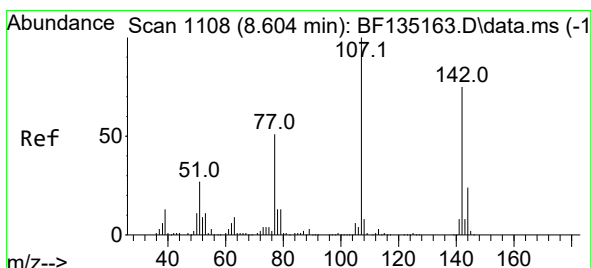
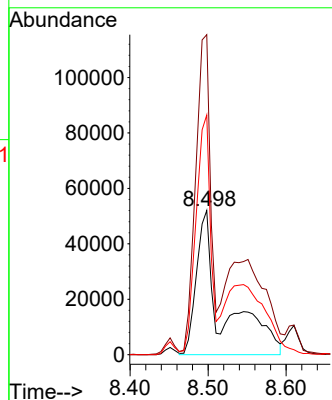
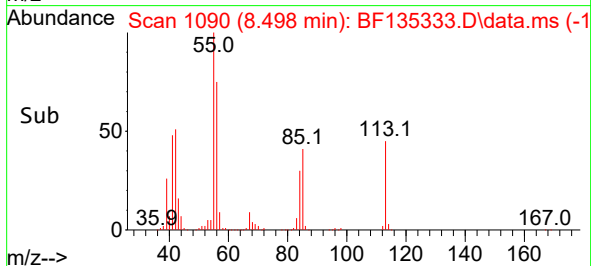
Instrument :  
BNA\_F  
ClientSampleId :  
PB155601BS



Tgt Ion:113 Resp: 12264  
Ion Ratio Lower Upper  
113 100  
55 222.0 199.3 239.3  
56 166.3 146.3 186.3

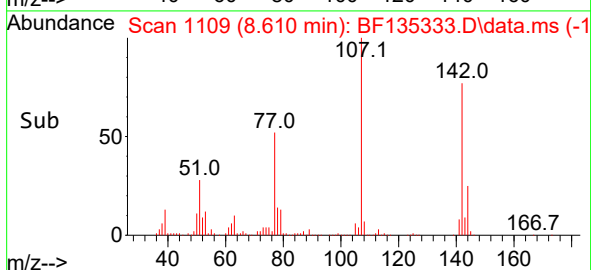
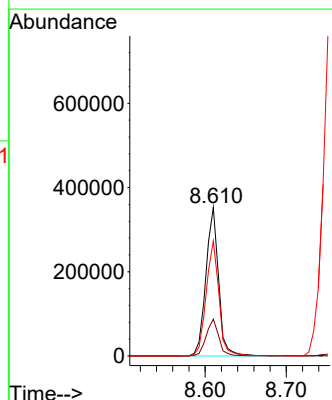
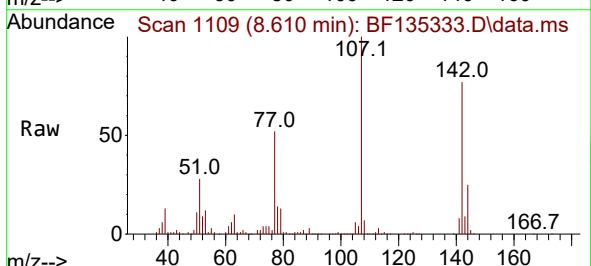
Manual Integrations  
APPROVED

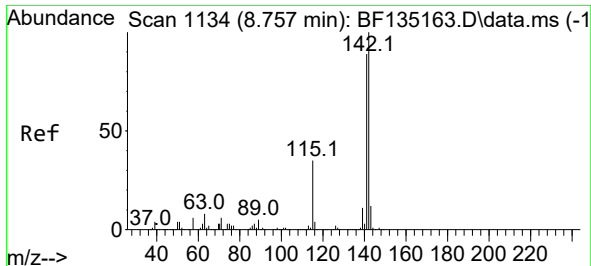
Reviewed By :Yogesh Patel 09/20/2023  
Supervised By :mohammad ahmed 09/20/2023



#36  
4-Chloro-3-methylphenol  
Concen: 47.396 ng  
RT: 8.610 min Scan# 1109  
Delta R.T. 0.006 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

Tgt Ion:107 Resp: 383019  
Ion Ratio Lower Upper  
107 100  
144 24.8 19.0 28.4  
142 77.3 60.2 90.2





#37  
2-Methylnaphthalene  
Concen: 43.497 ng  
RT: 8.751 min Scan# 1134  
Delta R.T. -0.006 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

Instrument :

BNA\_F

ClientSampleId :

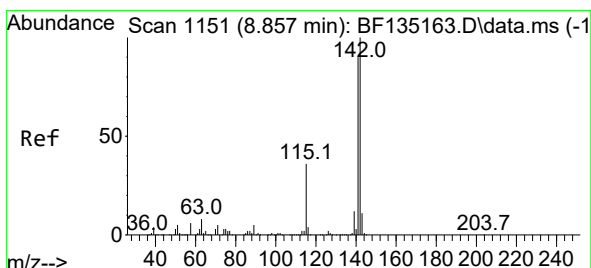
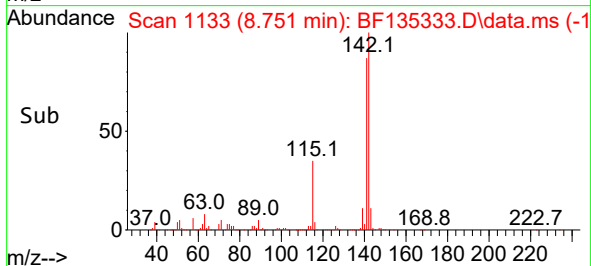
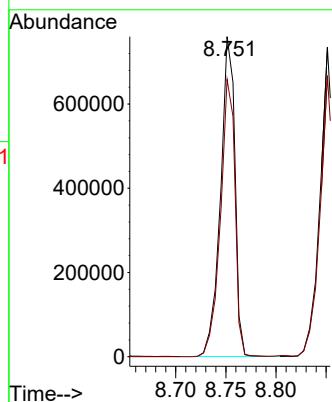
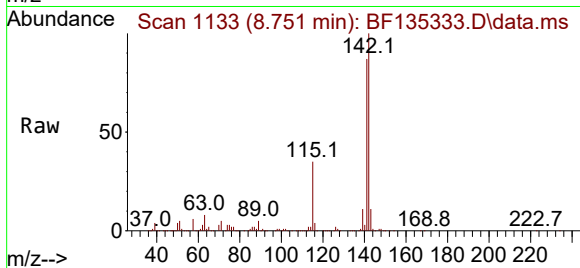
PB155601BS

Tgt Ion:142 Resp: 759548  
Ion Ratio Lower Upper  
142 100  
141 86.6 71.0 106.6

Manual Integrations

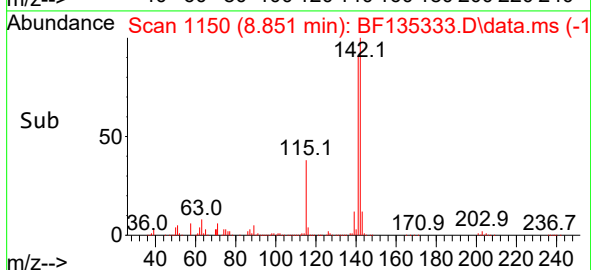
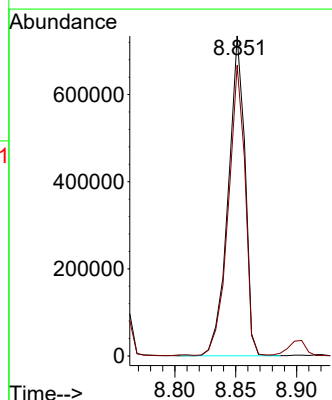
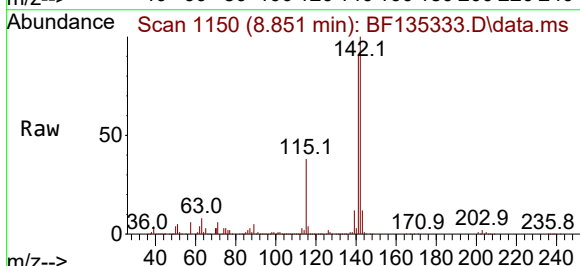
APPROVED

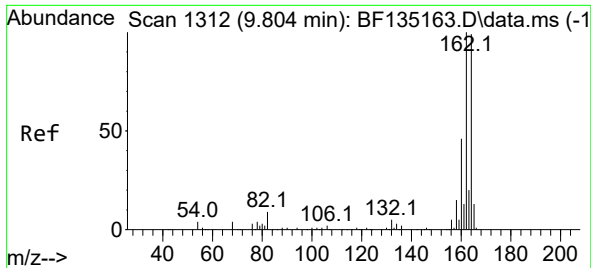
Reviewed By :Yogesh Patel 09/20/2023  
Supervised By :mohammad ahmed 09/20/2023



#38  
1-Methylnaphthalene  
Concen: 42.966 ng  
RT: 8.851 min Scan# 1150  
Delta R.T. -0.006 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

Tgt Ion:142 Resp: 702431  
Ion Ratio Lower Upper  
142 100  
141 90.9 72.4 108.6





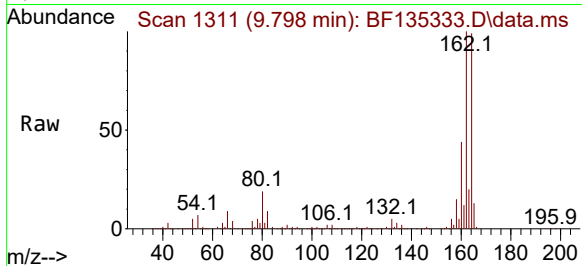
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.798 min Scan# 1162  
Delta R.T. -0.006 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

Instrument :

BNA\_F

ClientSampleId :

PB155601BS

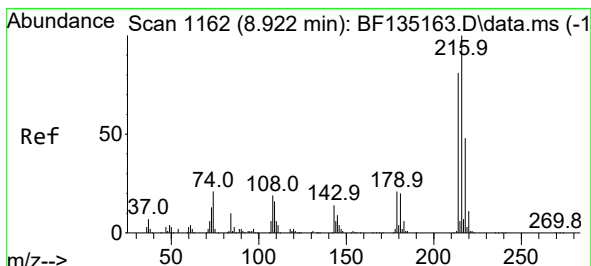
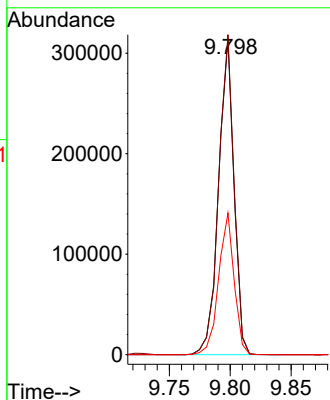
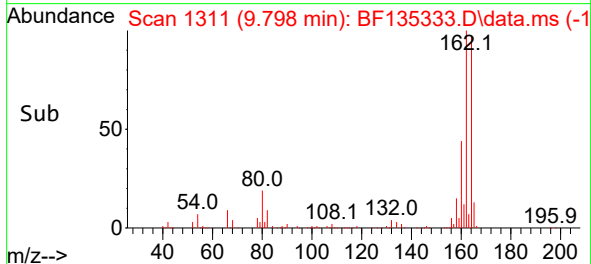


Tgt Ion:164 Resp: 277079  
Ion Ratio Lower Upper  
164 100  
162 101.4 81.0 121.4  
160 44.9 37.0 55.4

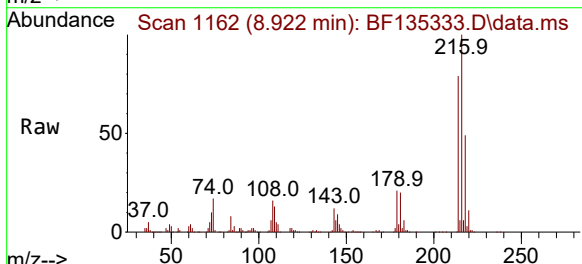
Manual Integrations

APPROVED

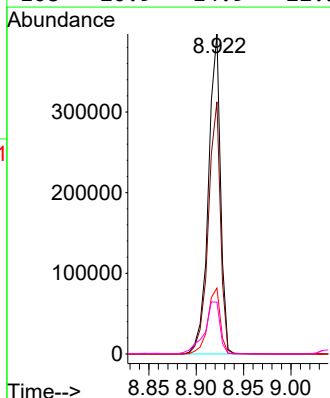
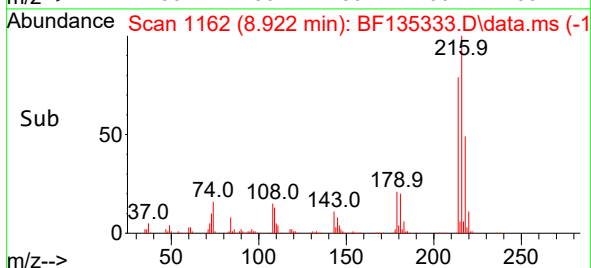
Reviewed By :Yogesh Patel 09/20/2023  
Supervised By :mohammad ahmed 09/20/2023

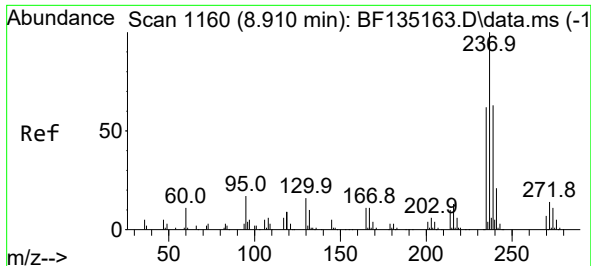


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 43.757 ng  
RT: 8.922 min Scan# 1162  
Delta R.T. 0.000 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12



Tgt Ion:216 Resp: 351251  
Ion Ratio Lower Upper  
216 100  
214 79.4 63.7 95.5  
179 21.1 16.7 25.1  
108 20.9 14.9 22.3





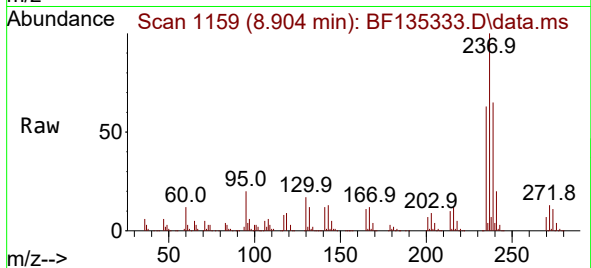
#41  
Hexachlorocyclopentadiene  
Concen: 77.318 ng  
RT: 8.904 min Scan# 1159  
Delta R.T. -0.006 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

Instrument :

BNA\_F

ClientSampleId :

PB155601BS

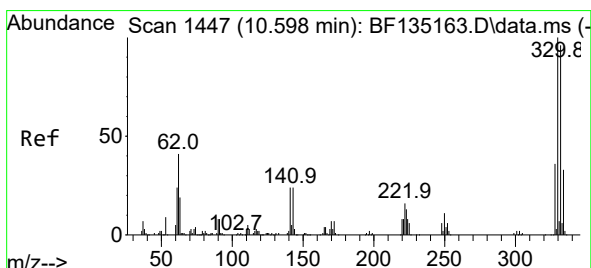
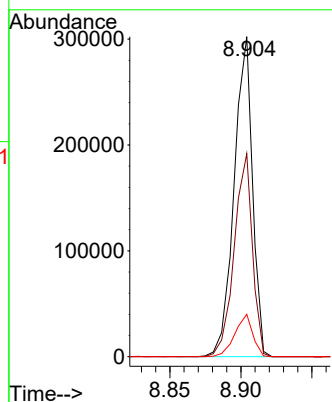
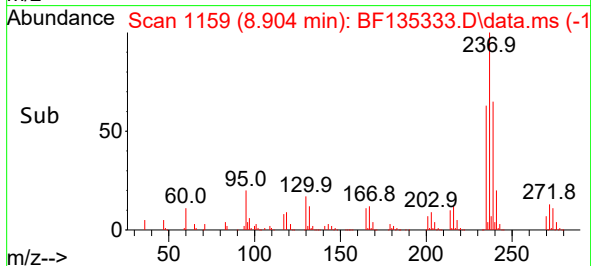


Tgt Ion:237 Resp: 272512  
Ion Ratio Lower Upper  
237 100  
235 63.4 41.8 81.8  
272 13.3 0.0 33.6

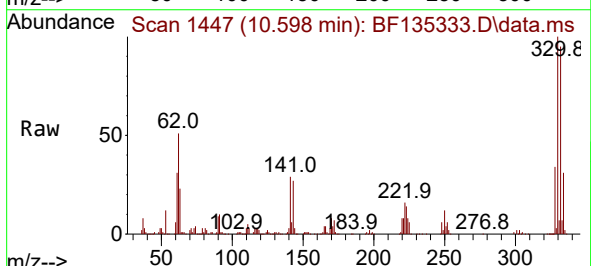
Manual Integrations

APPROVED

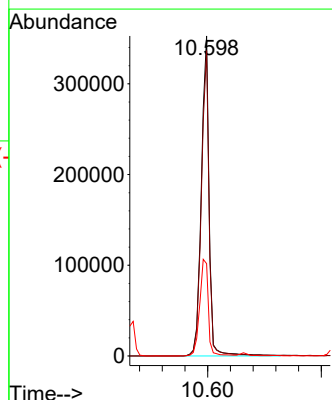
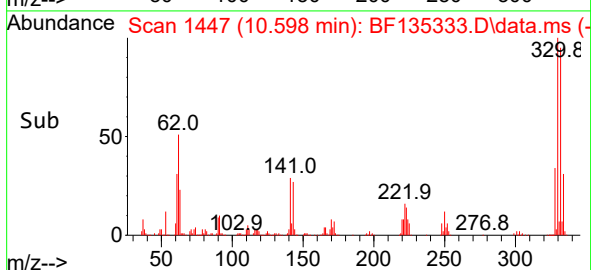
Reviewed By :Yogesh Patel 09/20/2023  
Supervised By :mohammad ahmed 09/20/2023

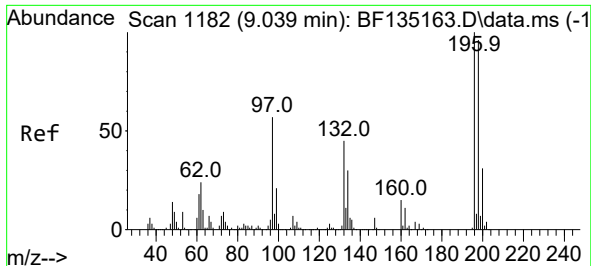


#42  
2,4,6-Tribromophenol  
Concen: 122.267 ng  
RT: 10.598 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12



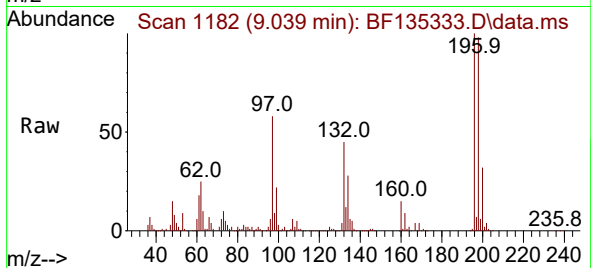
Tgt Ion:330 Resp: 336662  
Ion Ratio Lower Upper  
330 100  
332 94.5 77.3 115.9  
141 33.6 25.8 38.8





#43  
2,4,6-Trichlorophenol  
Concen: 45.452 ng  
RT: 9.039 min Scan# 1182  
Delta R.T. 0.000 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

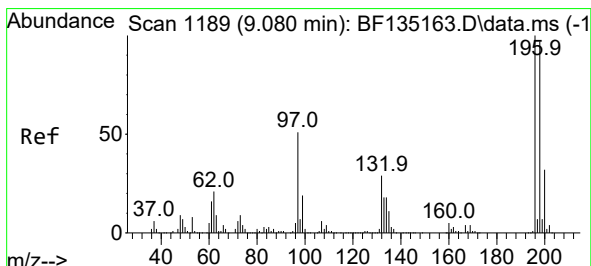
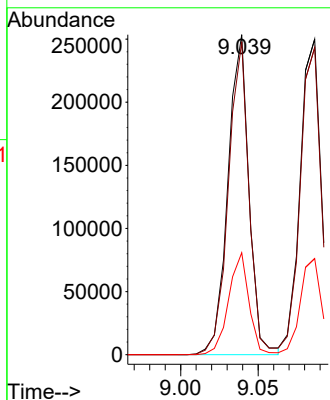
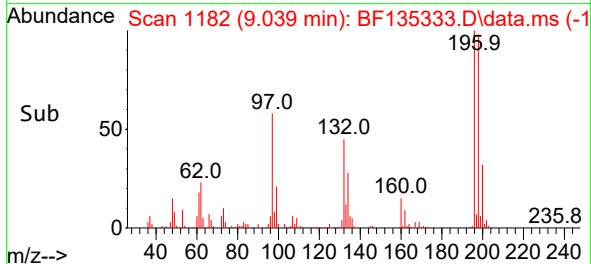
Instrument :  
BNA\_F  
ClientSampleId :  
PB155601BS



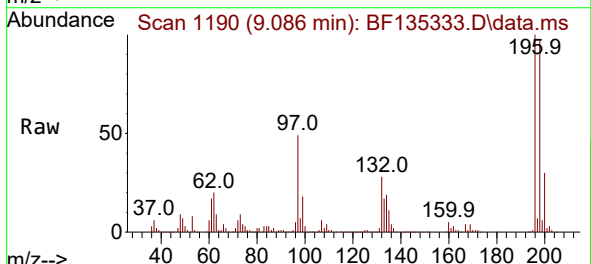
Tgt Ion:196 Resp: 238880  
Ion Ratio Lower Upper  
196 100  
198 97.8 77.0 115.6  
200 31.9 24.5 36.7

Manual Integrations  
APPROVED

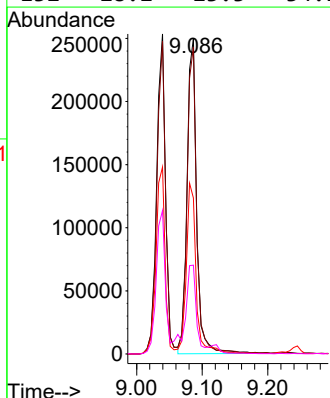
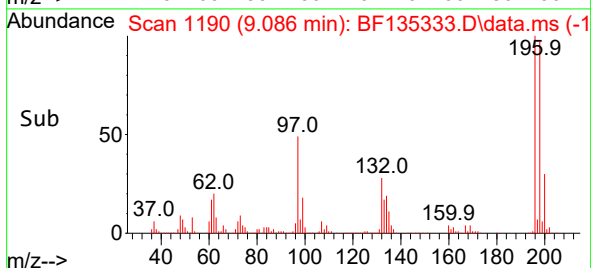
Reviewed By :Yogesh Patel 09/20/2023  
Supervised By :mohammad ahmed 09/20/2023

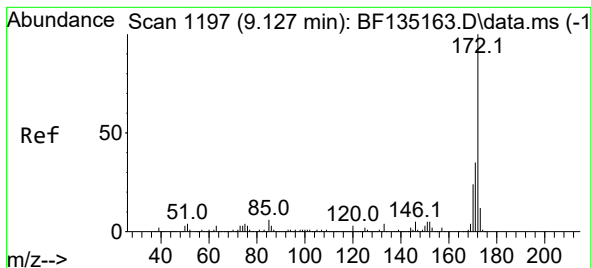


#44  
2,4,5-Trichlorophenol  
Concen: 42.120 ng  
RT: 9.086 min Scan# 1190  
Delta R.T. 0.006 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12



Tgt Ion:196 Resp: 254935  
Ion Ratio Lower Upper  
196 100  
198 97.3 77.5 116.3  
97 49.4 40.5 60.7  
132 28.2 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 80.806 ng

RT: 9.122 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF135333.D

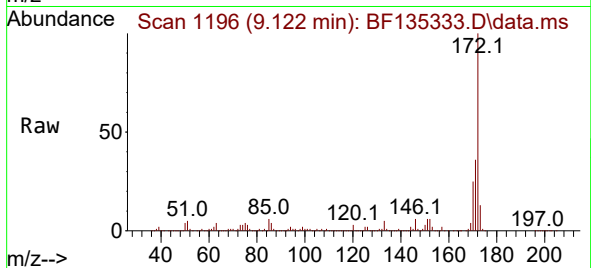
Acq: 19 Sep 2023 14:12

Instrument :

BNA\_F

ClientSampleId :

PB155601BS



Tgt Ion:172 Resp: 148401

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

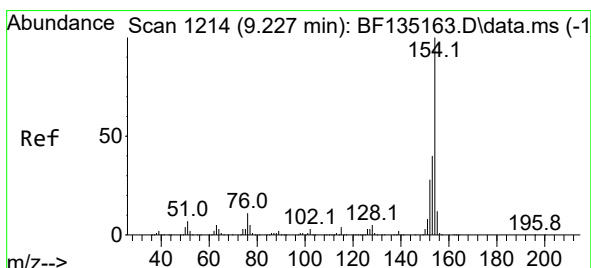
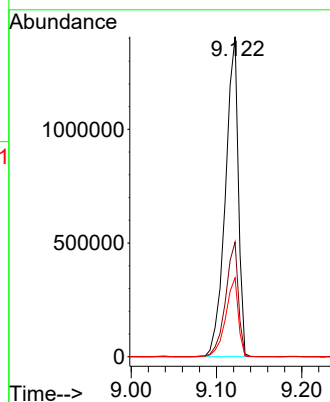
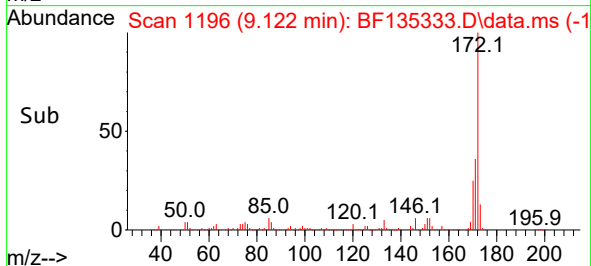
170 24.7 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#46

1,1'-Biphenyl

Concen: 44.217 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

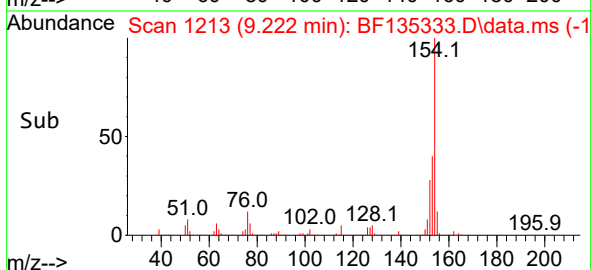
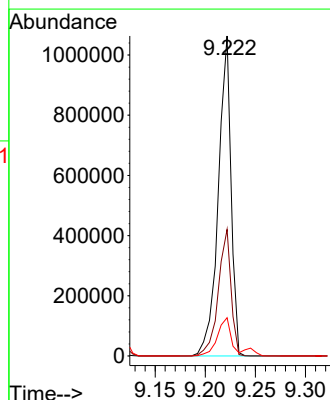
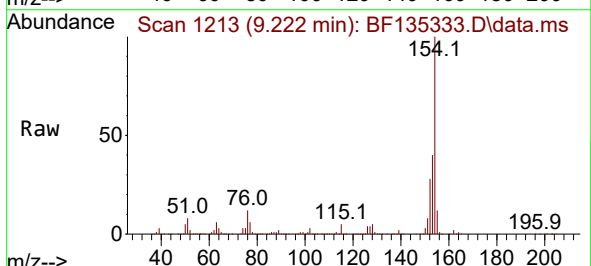
Tgt Ion:154 Resp: 941507

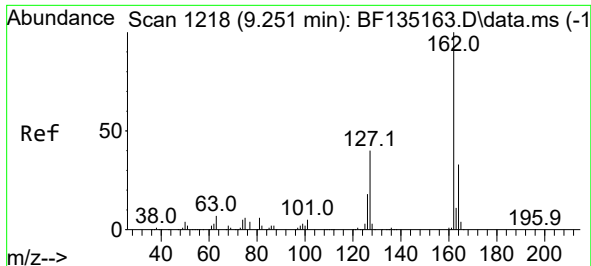
Ion Ratio Lower Upper

154 100

153 39.6 19.6 59.6

76 11.9 0.0 31.0





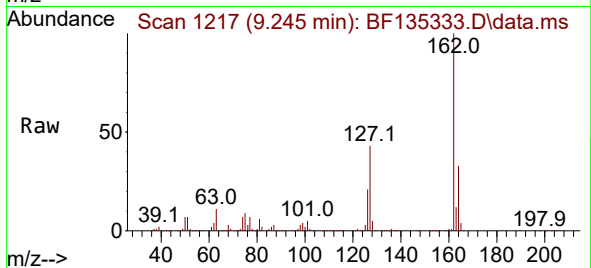
#47  
2-Chloronaphthalene  
Concen: 45.091 ng  
RT: 9.245 min Scan# 1217  
Delta R.T. -0.006 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

Instrument :

BNA\_F

ClientSampleId :

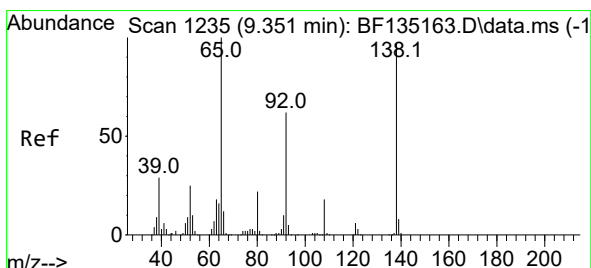
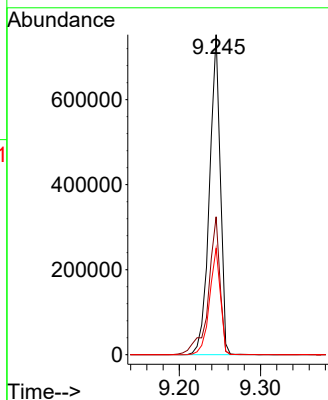
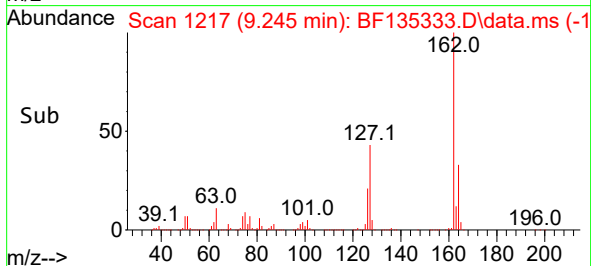
PB155601BS



Tgt Ion:162 Resp: 696630  
Ion Ratio Lower Upper  
162 100  
127 43.1 32.6 48.8  
164 33.3 26.2 39.2

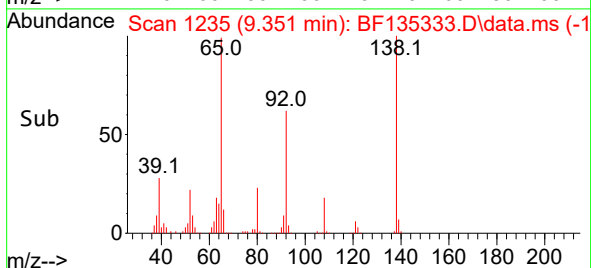
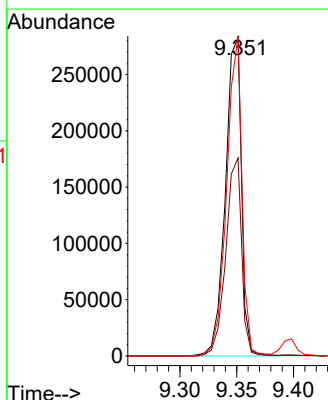
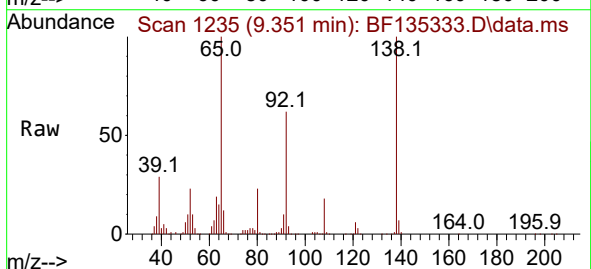
Manual Integrations  
APPROVED

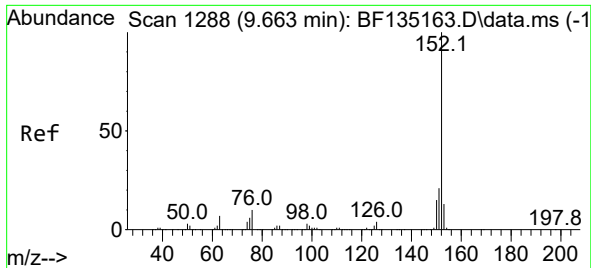
Reviewed By :Yogesh Patel 09/20/2023  
Supervised By :mohammad ahmed 09/20/2023



#48  
2-Nitroaniline  
Concen: 46.509 ng  
RT: 9.351 min Scan# 1235  
Delta R.T. 0.000 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

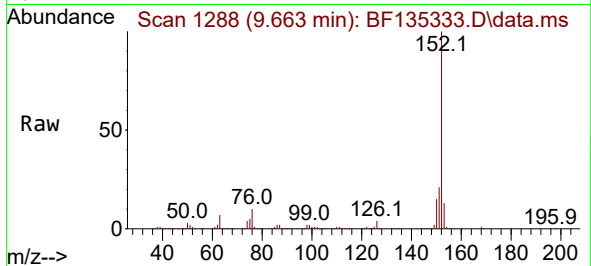
Tgt Ion: 65 Resp: 279149  
Ion Ratio Lower Upper  
65 100  
92 62.2 49.4 74.0  
138 100.5 77.4 116.0





#49  
Acenaphthylene  
Concen: 42.500 ng  
RT: 9.663 min Scan# 1288  
Delta R.T. 0.000 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

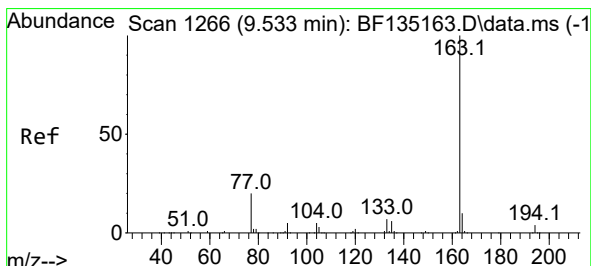
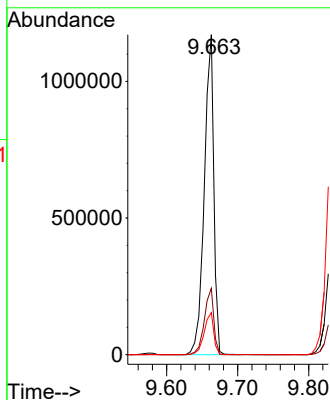
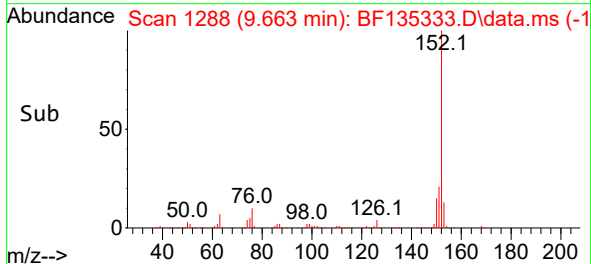
Instrument :  
BNA\_F  
ClientSampleId :  
PB155601BS



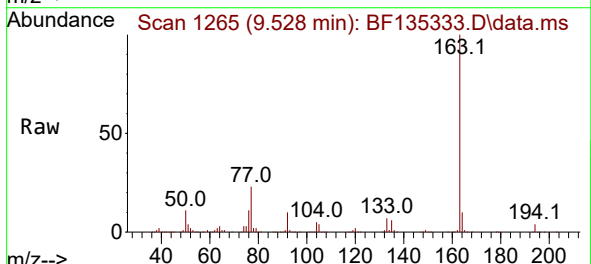
Tgt Ion:152 Resp: 109123  
Ion Ratio Lower Upper  
152 100  
151 20.7 16.4 24.6  
153 13.2 10.4 15.6

Manual Integrations  
APPROVED

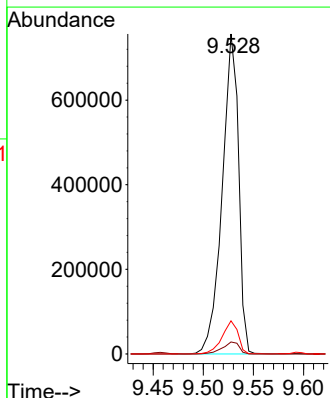
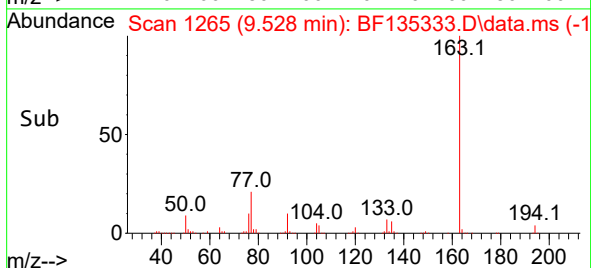
Reviewed By :Yogesh Patel 09/20/2023  
Supervised By :mohammad ahmed 09/20/2023

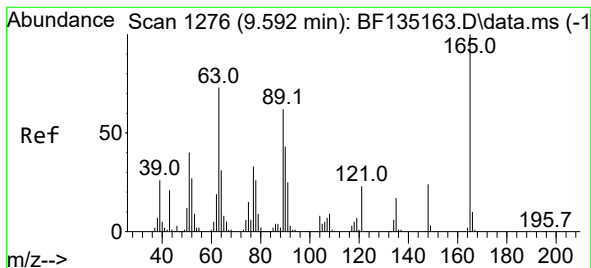


#50  
Dimethylphthalate  
Concen: 45.734 ng  
RT: 9.528 min Scan# 1265  
Delta R.T. -0.005 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12



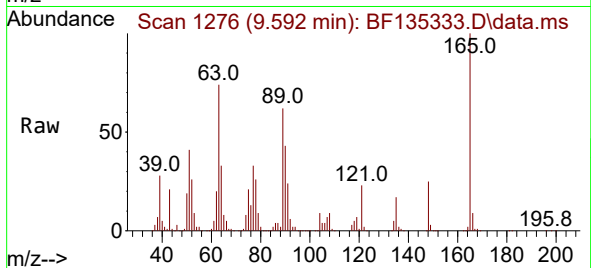
Tgt Ion:163 Resp: 856747  
Ion Ratio Lower Upper  
163 100  
194 3.7 3.1 4.7  
164 10.4 8.1 12.1





#51  
2,6-Dinitrotoluene  
Concen: 46.234 ng  
RT: 9.592 min Scan# 1276  
Delta R.T. 0.000 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

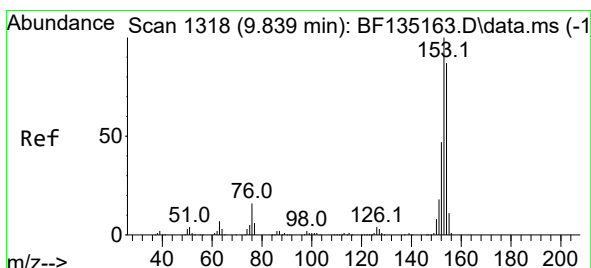
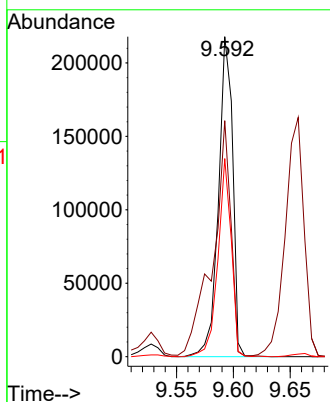
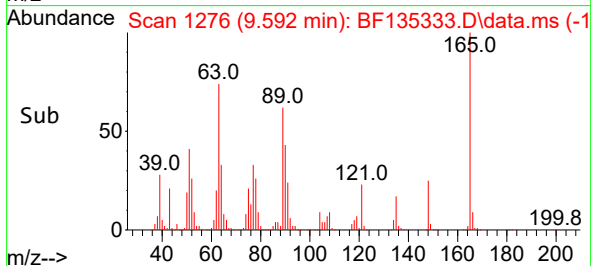
Instrument :  
BNA\_F  
ClientSampleId :  
PB155601BS



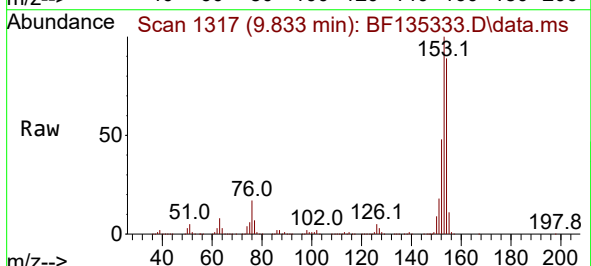
Tgt Ion:165 Resp: 189730  
Ion Ratio Lower Upper  
165 100  
63 73.7 59.4 89.2  
89 61.9 49.8 74.8

Manual Integrations  
APPROVED

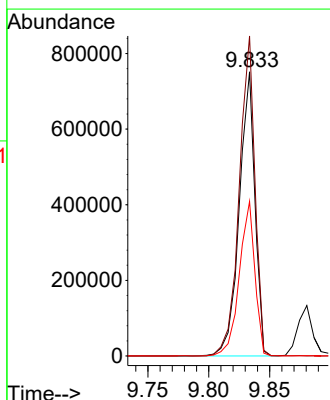
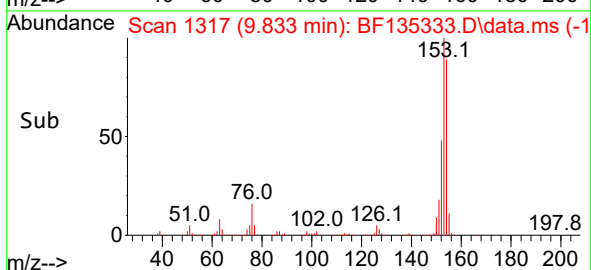
Reviewed By :Yogesh Patel 09/20/2023  
Supervised By :mohammad ahmed 09/20/2023

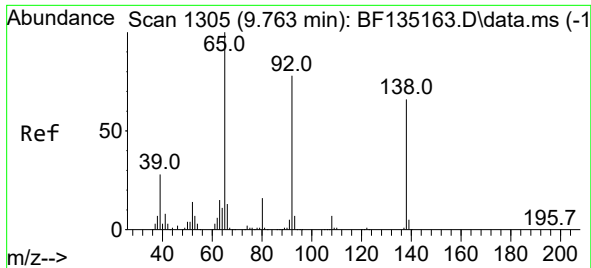


#52  
Acenaphthene  
Concen: 44.316 ng  
RT: 9.833 min Scan# 1317  
Delta R.T. -0.006 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12



Tgt Ion:154 Resp: 672176  
Ion Ratio Lower Upper  
154 100  
153 112.6 92.1 138.1  
152 54.4 43.1 64.7





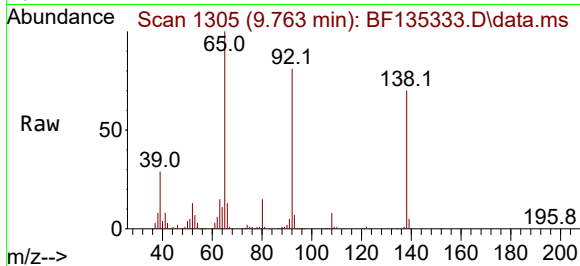
#53  
3-Nitroaniline  
Concen: 30.940 ng  
RT: 9.763 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

Instrument :

BNA\_F

ClientSampleId :

PB155601BS

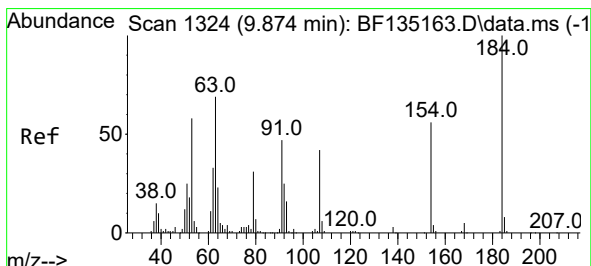
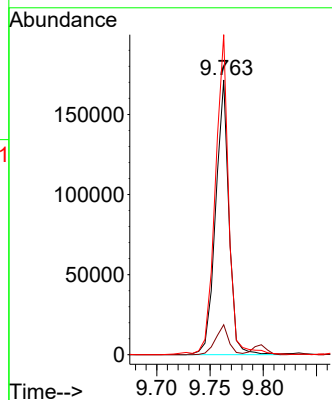
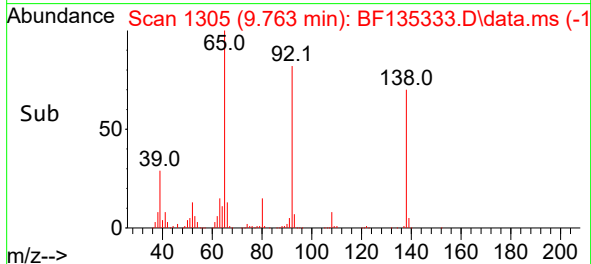


Tgt Ion:138 Resp: 149044  
Ion Ratio Lower Upper  
138 100  
108 10.9 8.5 12.7  
92 116.4 95.4 143.0

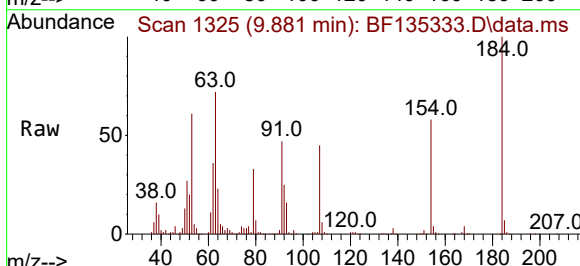
Manual Integrations

APPROVED

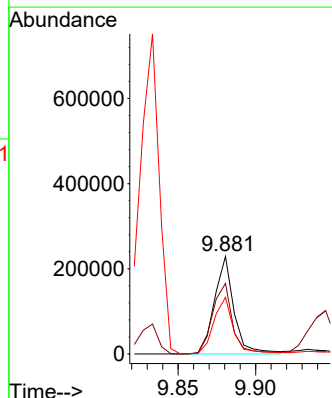
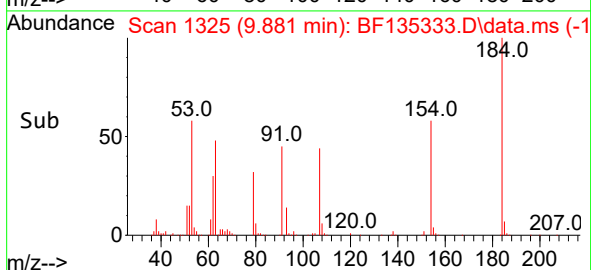
Reviewed By :Yogesh Patel 09/20/2023  
Supervised By :mohammad ahmed 09/20/2023

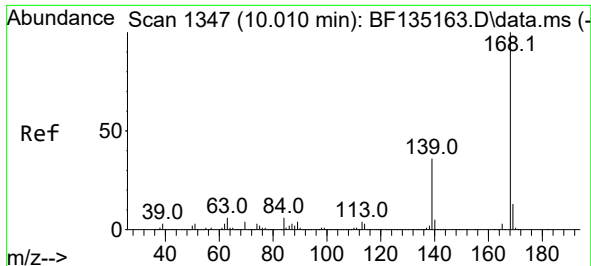


#54  
2,4-Dinitrophenol  
Concen: 85.592 ng  
RT: 9.881 min Scan# 1325  
Delta R.T. 0.007 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12



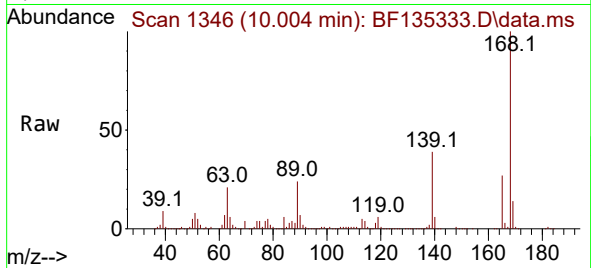
Tgt Ion:184 Resp: 200511  
Ion Ratio Lower Upper  
184 100  
63 72.3 55.1 82.7  
154 58.1 48.4 72.6





#55  
Dibenzenofuran  
Concen: 41.626 ng  
RT: 10.004 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

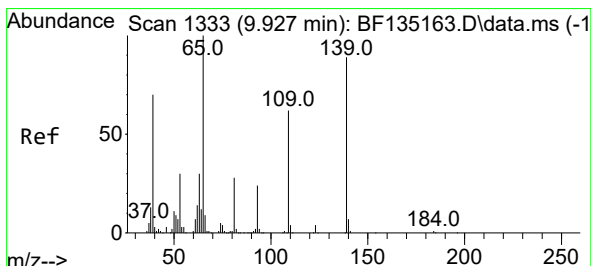
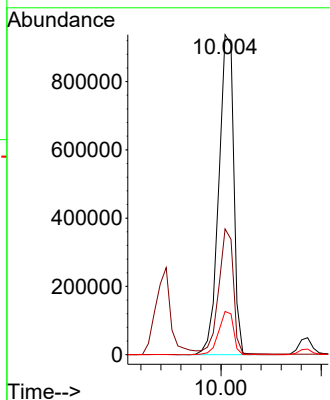
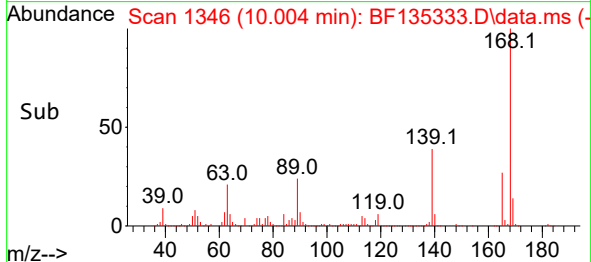
Instrument :  
BNA\_F  
ClientSampleId :  
PB155601BS



Tgt Ion:168 Resp: 963464  
Ion Ratio Lower Upper  
168 100  
139 39.3 29.0 43.6  
169 13.5 10.4 15.6

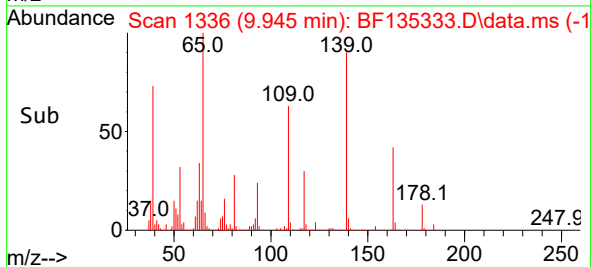
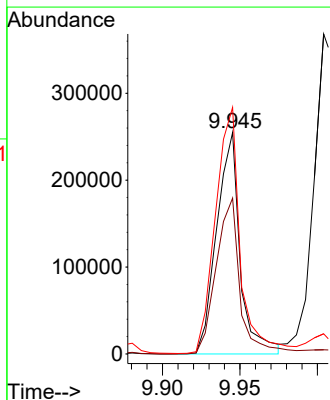
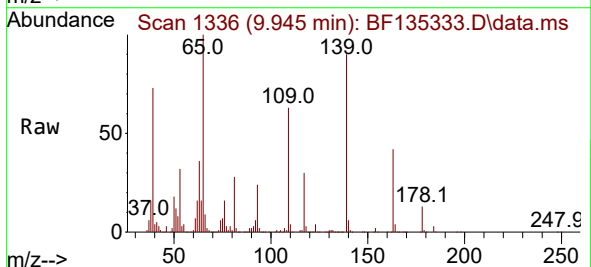
Manual Integrations  
APPROVED

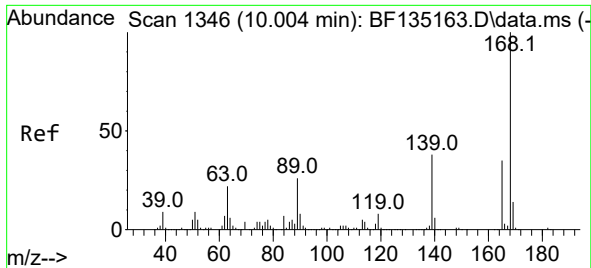
Reviewed By :Yogesh Patel 09/20/2023  
Supervised By :mohammad ahmed 09/20/2023



#56  
4-Nitrophenol  
Concen: 87.829 ng  
RT: 9.945 min Scan# 1336  
Delta R.T. 0.018 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

Tgt Ion:139 Resp: 268897  
Ion Ratio Lower Upper  
139 100  
109 70.3 49.8 89.8  
65 111.3 92.7 132.7





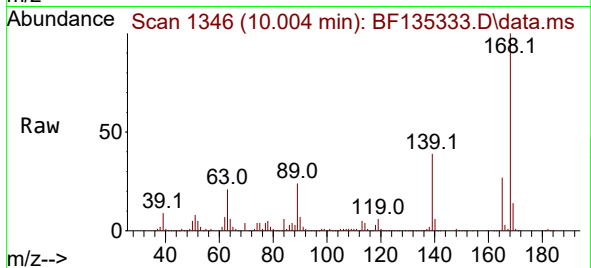
#57  
2,4-Dinitrotoluene  
Concen: 43.902 ng  
RT: 10.004 min Scan# 1346  
Delta R.T. 0.000 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

Instrument :

BNA\_F

ClientSampleId :

PB155601BS

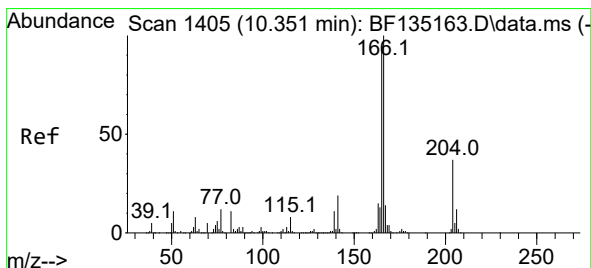
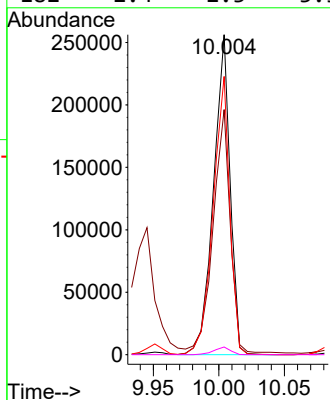
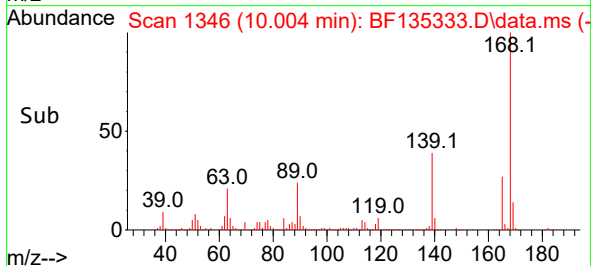


Tgt Ion:165 Resp: 225552  
Ion Ratio Lower Upper  
165 100  
63 76.6 50.1 75.1  
89 86.9 59.3 88.9  
182 2.4 2.3 3.5

Manual Integrations

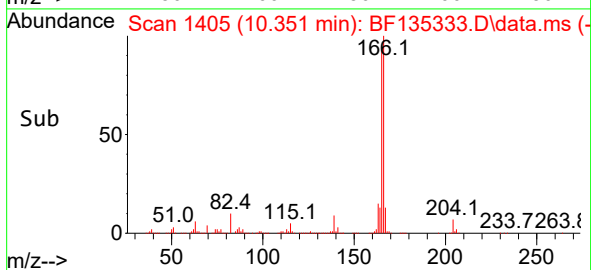
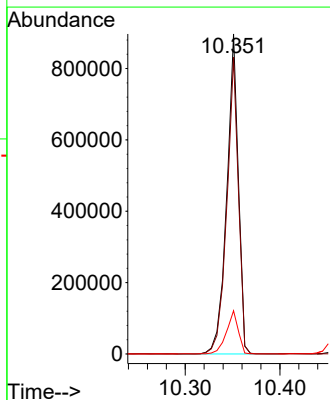
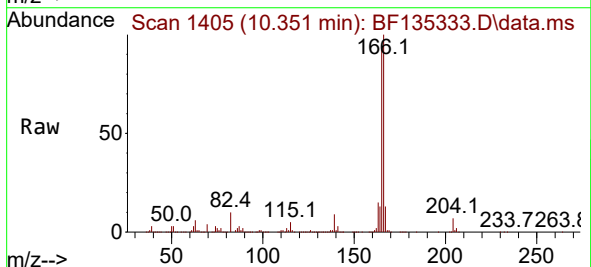
APPROVED

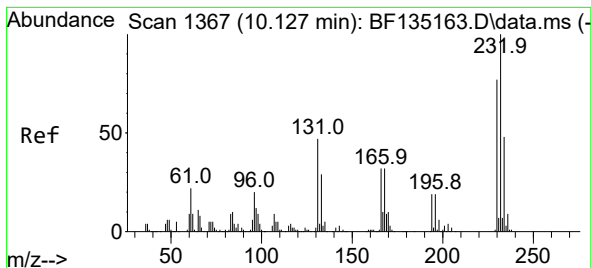
Reviewed By :Yogesh Patel 09/20/2023  
Supervised By :mohammad ahmed 09/20/2023



#58  
Fluorene  
Concen: 42.964 ng  
RT: 10.351 min Scan# 1405  
Delta R.T. 0.000 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

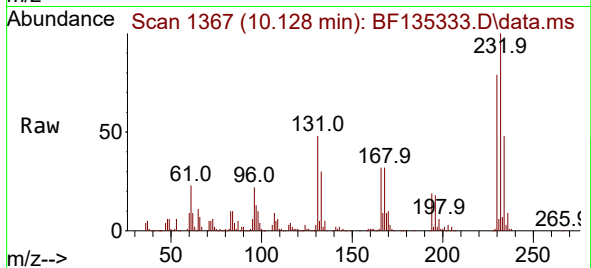
Tgt Ion:166 Resp: 764484  
Ion Ratio Lower Upper  
166 100  
165 92.7 74.3 111.5  
167 13.5 10.9 16.3





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 46.923 ng  
RT: 10.128 min Scan# 1367  
Delta R.T. 0.000 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

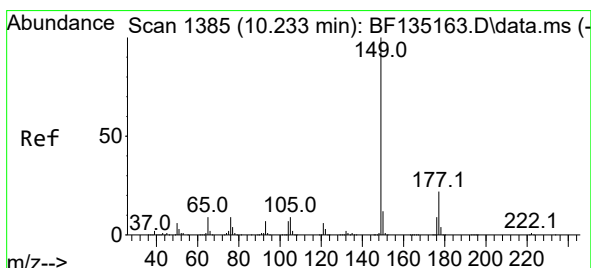
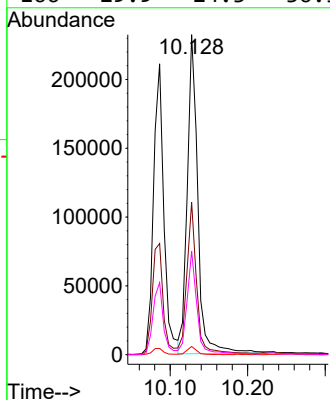
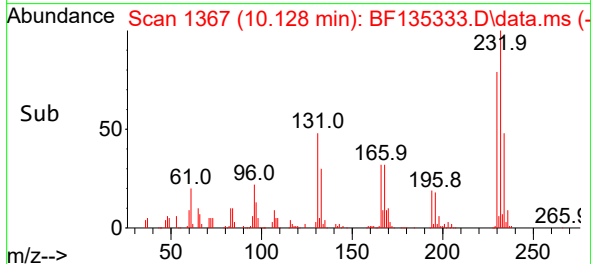
Instrument :  
BNA\_F  
ClientSampleId :  
PB155601BS



Tgt Ion:232 Resp: 21847  
Ion Ratio Lower Upper  
232 100  
131 44.3 35.4 53.2  
130 2.4 1.8 2.8  
166 29.9 24.3 36.5

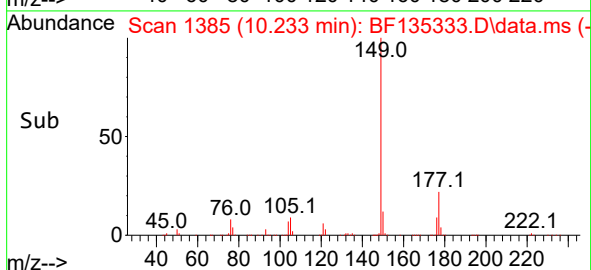
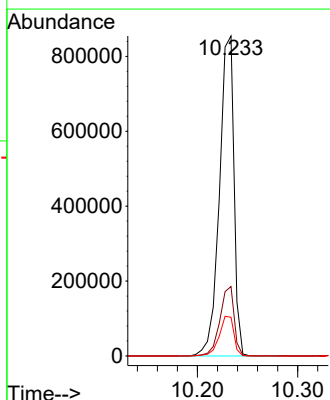
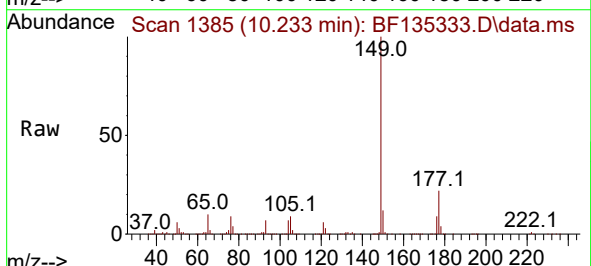
Manual Integrations  
APPROVED

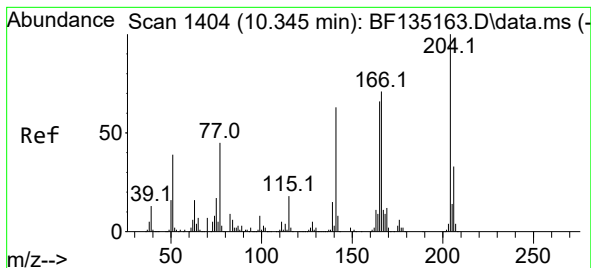
Reviewed By :Yogesh Patel 09/20/2023  
Supervised By :mohammad ahmed 09/20/2023



#60  
Diethylphthalate  
Concen: 45.708 ng  
RT: 10.233 min Scan# 1385  
Delta R.T. 0.000 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

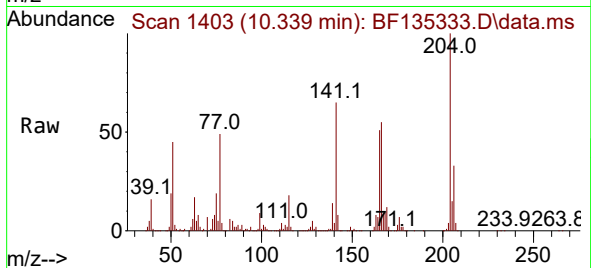
Tgt Ion:149 Resp: 859332  
Ion Ratio Lower Upper  
149 100  
177 21.7 17.8 26.6  
150 12.1 10.0 15.0





#61  
4-Chlorophenyl-phenylether  
Concen: 41.485 ng  
RT: 10.339 min Scan# 1410  
Delta R.T. -0.006 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

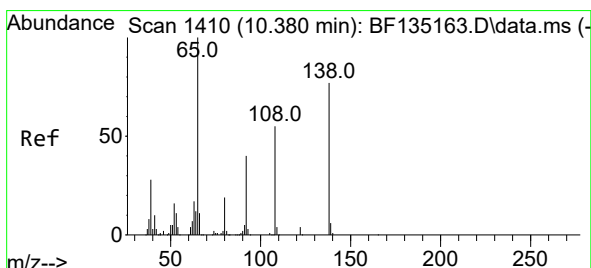
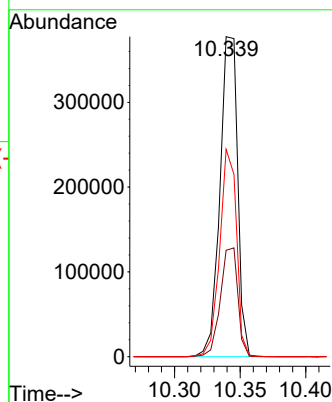
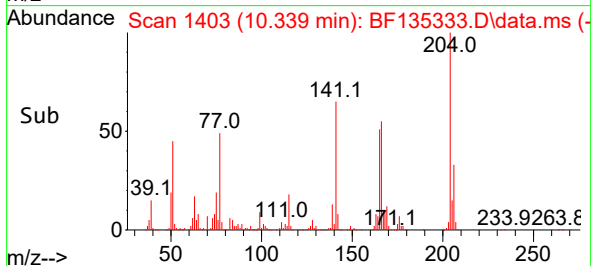
Instrument :  
BNA\_F  
ClientSampleId :  
PB155601BS



Tgt Ion:204 Resp: 35459  
Ion Ratio Lower Upper  
204 100  
206 33.2 26.7 40.1  
141 64.8 50.6 75.8

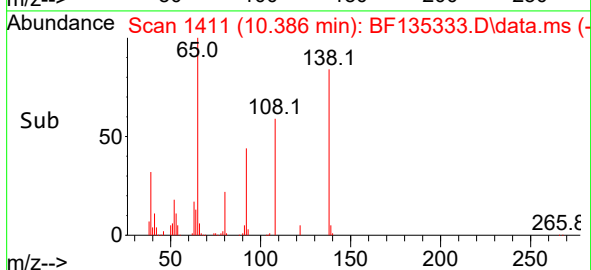
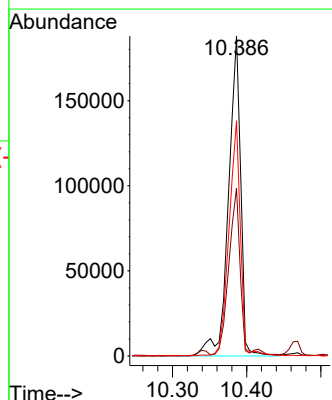
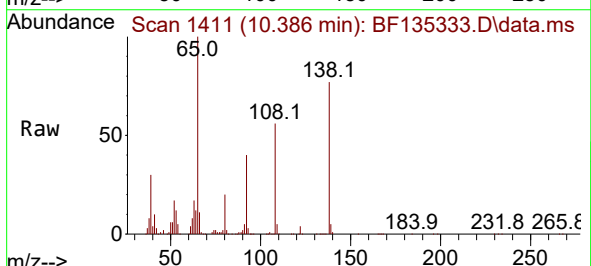
Manual Integrations  
APPROVED

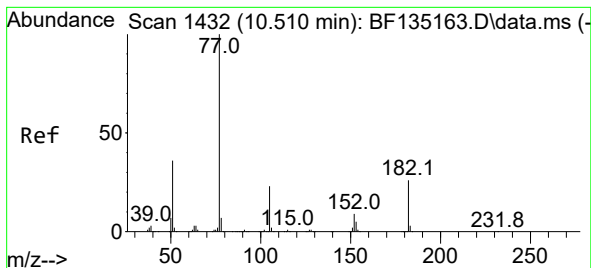
Reviewed By :Yogesh Patel 09/20/2023  
Supervised By :mohammad ahmed 09/20/2023



#62  
4-Nitroaniline  
Concen: 46.308 ng  
RT: 10.386 min Scan# 1411  
Delta R.T. 0.006 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

Tgt Ion:138 Resp: 214431  
Ion Ratio Lower Upper  
138 100  
92 52.4 31.8 71.8  
108 73.5 52.0 92.0





#63

Azobenzene

Concen: 45.493 ng

RT: 10.504 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

Instrument :

BNA\_F

ClientSampleId :

PB155601BS

Tgt Ion: 77 Resp: 83707

Ion Ratio Lower Upper

77 100

182 23.0 6.4 46.4

105 22.3 3.1 43.1

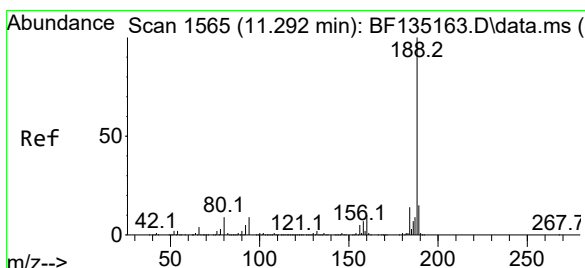
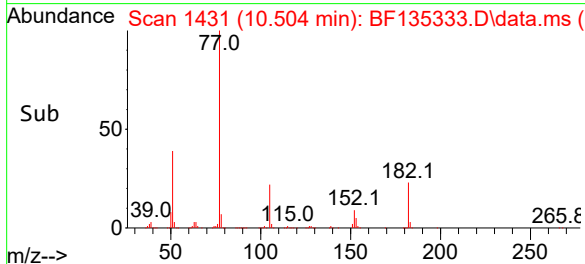
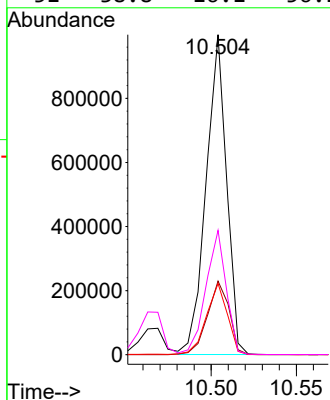
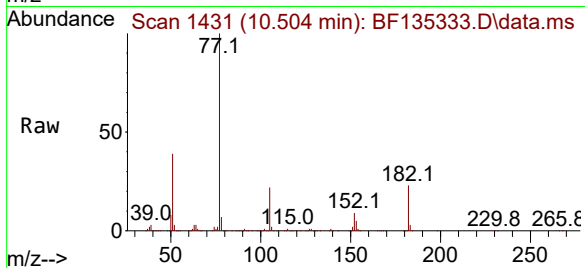
51 38.8 16.1 56.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.292 min Scan# 1565

Delta R.T. 0.000 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

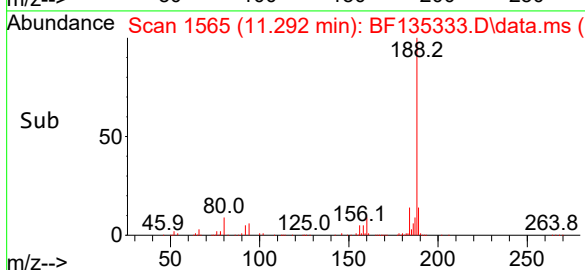
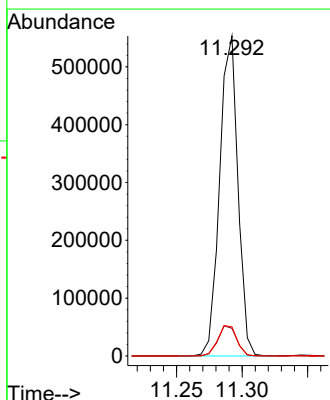
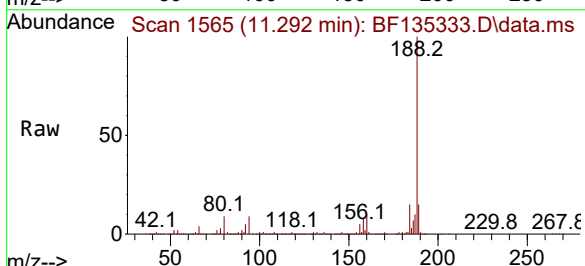
Tgt Ion:188 Resp: 535180

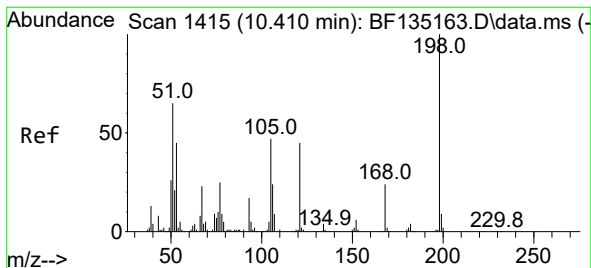
Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.6

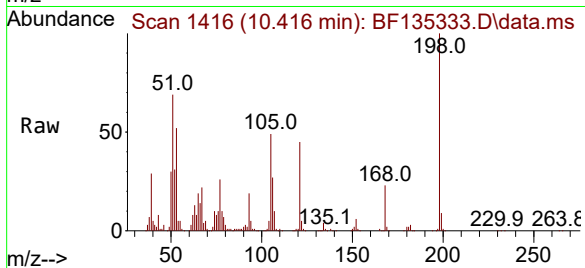
80 9.1 7.5 11.3





#65  
4,6-Dinitro-2-methylphenol  
Concen: 49.709 ng  
RT: 10.416 min Scan# 1415  
Delta R.T. 0.006 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

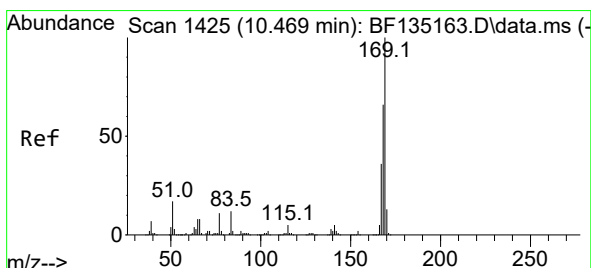
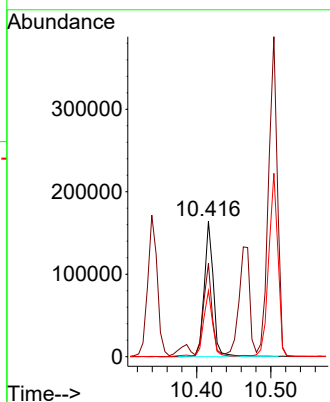
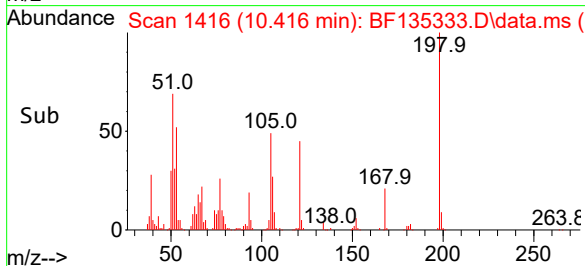
Instrument :  
BNA\_F  
ClientSampleId :  
PB155601BS



Tgt Ion:198 Resp: 141295  
Ion Ratio Lower Upper  
198 100  
51 68.8 47.7 87.7  
105 48.7 27.4 67.4

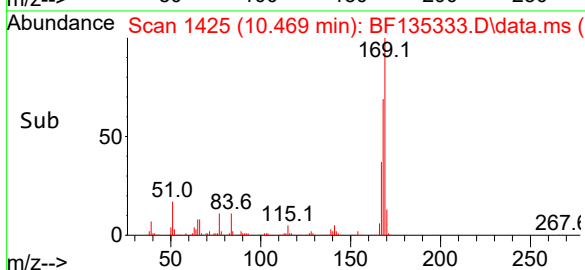
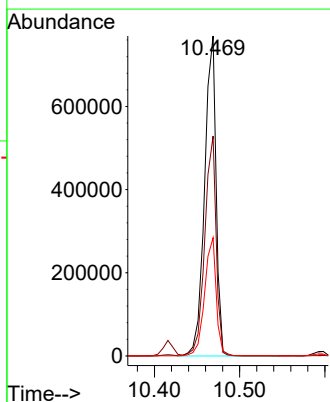
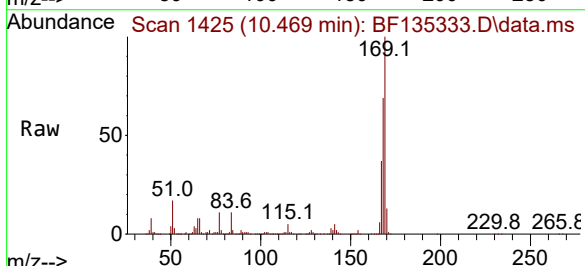
Manual Integrations  
APPROVED

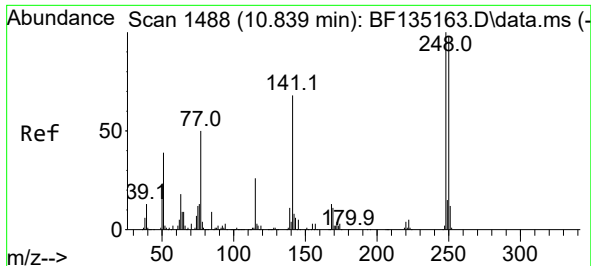
Reviewed By :Yogesh Patel 09/20/2023  
Supervised By :mohammad ahmed 09/20/2023



#66  
n-Nitrosodiphenylamine  
Concen: 44.545 ng  
RT: 10.469 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

Tgt Ion:169 Resp: 721731  
Ion Ratio Lower Upper  
169 100  
168 68.7 52.8 79.2  
167 37.0 29.0 43.6





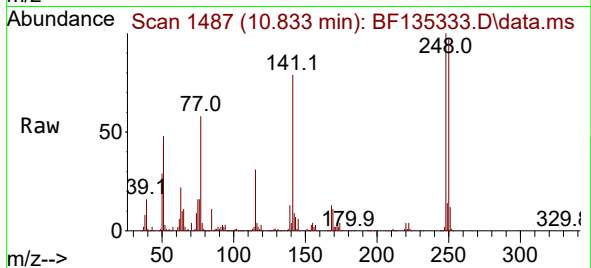
#67  
4-Bromophenyl-phenylether  
Concen: 44.569 ng  
RT: 10.833 min Scan# 1488  
Delta R.T. -0.006 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

Instrument :

BNA\_F

ClientSampleId :

PB155601BS

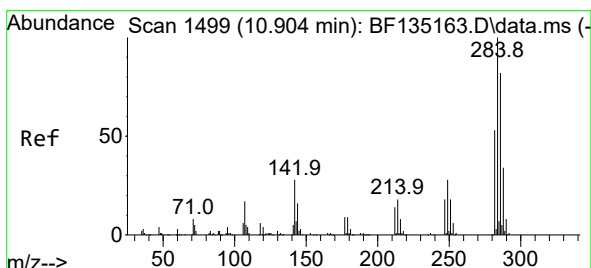
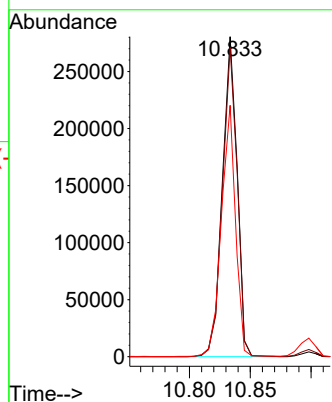
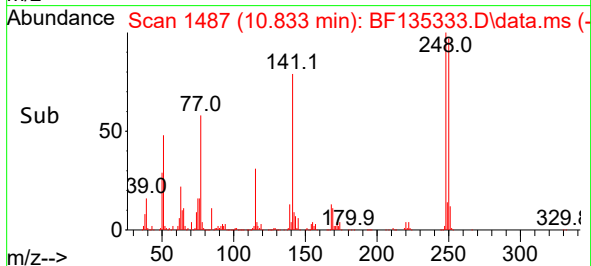


Tgt Ion:248 Resp: 237230  
Ion Ratio Lower Upper  
248 100  
250 96.6 78.6 117.8  
141 78.5 54.2 81.2

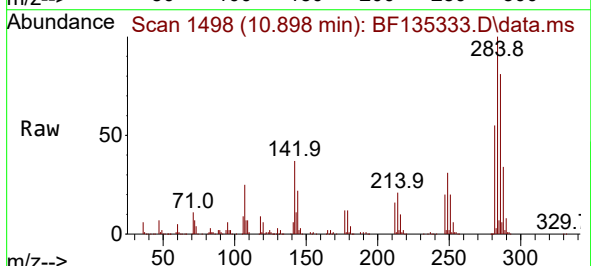
Manual Integrations

APPROVED

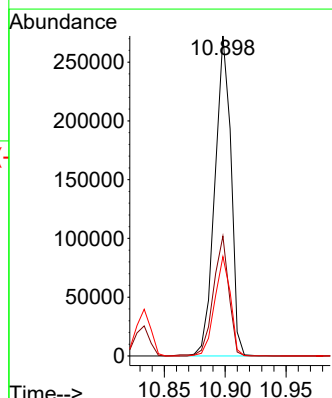
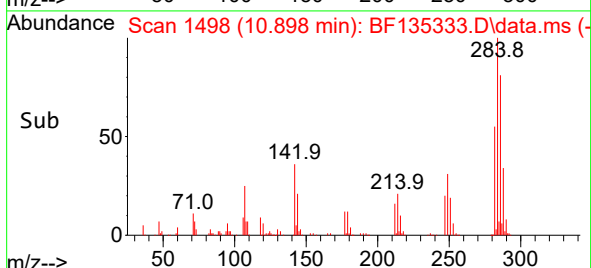
Reviewed By :Yogesh Patel 09/20/2023  
Supervised By :mohammad ahmed 09/20/2023

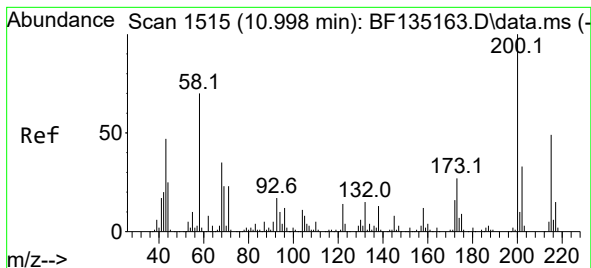


#68  
Hexachlorobenzene  
Concen: 45.970 ng  
RT: 10.898 min Scan# 1498  
Delta R.T. -0.006 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12



Tgt Ion:284 Resp: 249282  
Ion Ratio Lower Upper  
284 100  
142 37.4 22.2 33.4#  
249 31.0 22.5 33.7





#69

Atrazine

Concen: 55.088 ng

RT: 11.004 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

Instrument :

BNA\_F

ClientSampleId :

PB155601BS

Tgt Ion:200 Resp: 24016

Ion Ratio Lower Upper

200 100

173 26.1 7.4 47.4

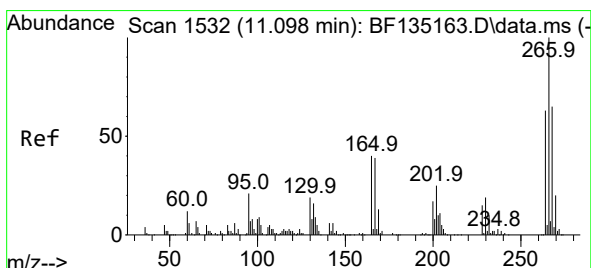
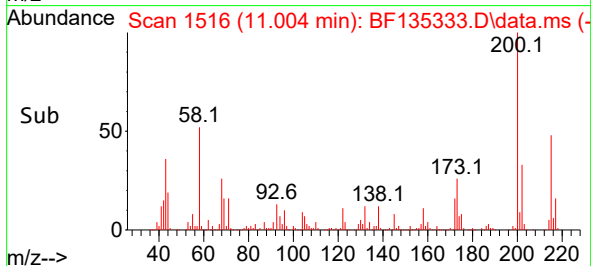
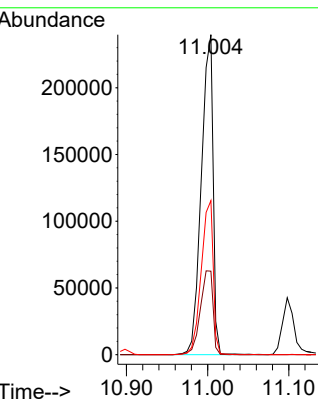
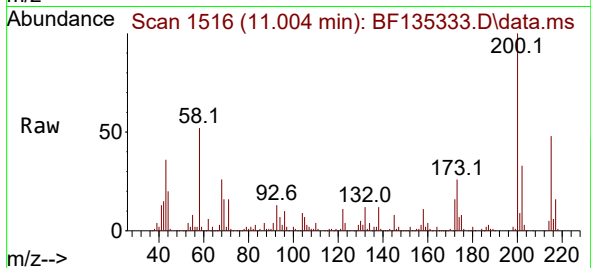
215 48.2 28.6 68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#70

Pentachlorophenol

Concen: 77.260 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.000 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

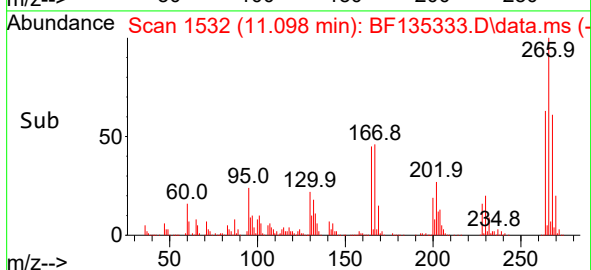
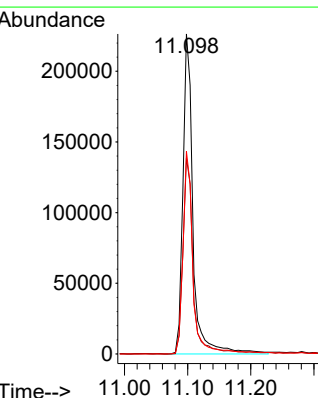
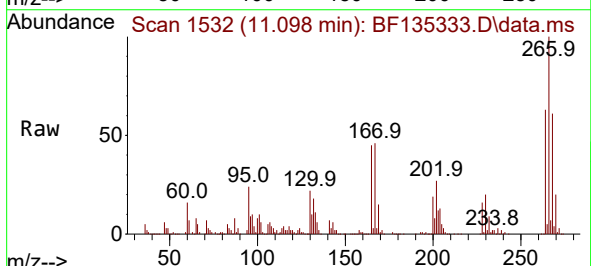
Tgt Ion:266 Resp: 250659

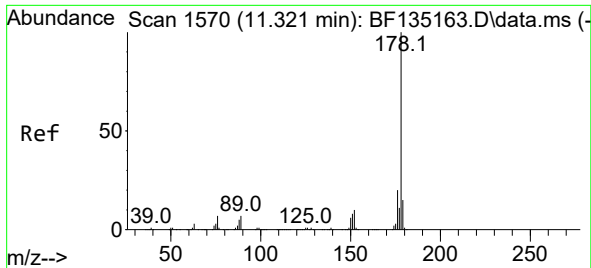
Ion Ratio Lower Upper

266 100

268 61.2 52.1 78.1

264 63.3 50.8 76.2





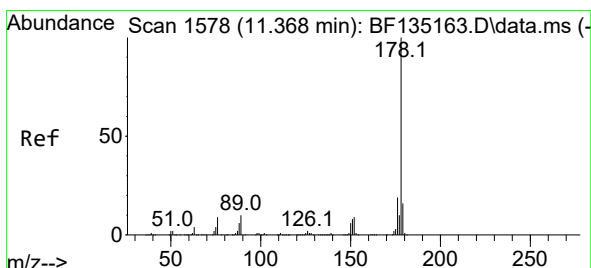
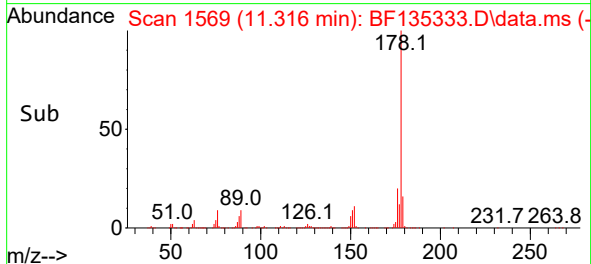
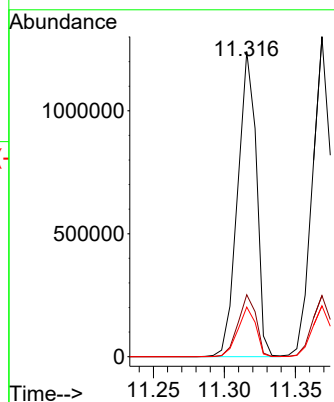
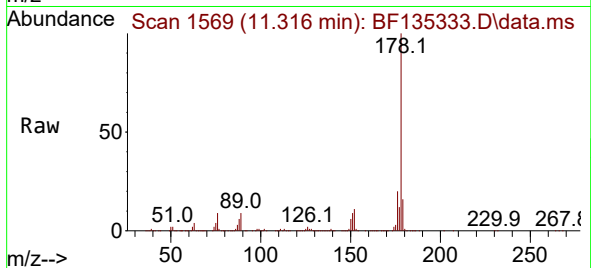
#71  
Phenanthrene  
Concen: 44.958 ng  
RT: 11.316 min Scan# 1569  
Delta R.T. -0.006 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

Instrument :  
BNA\_F  
ClientSampleId :  
PB155601BS

Tgt Ion:178 Resp: 1137970  
Ion Ratio Lower Upper  
178 100  
176 20.3 15.6 23.4  
179 16.2 12.0 18.0

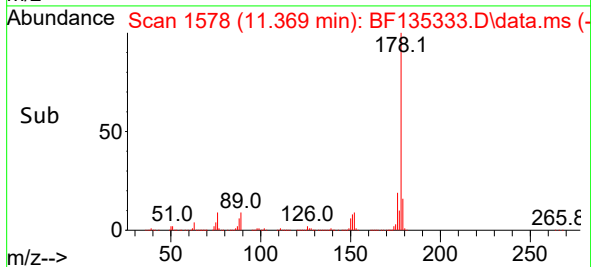
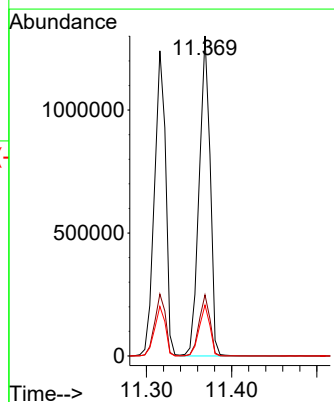
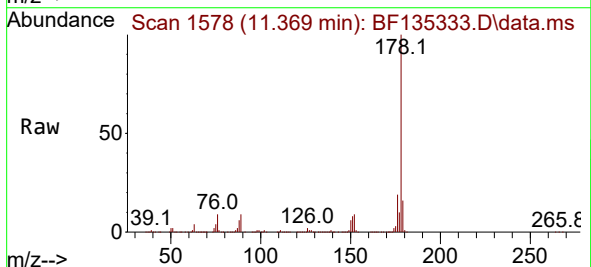
Manual Integrations  
APPROVED

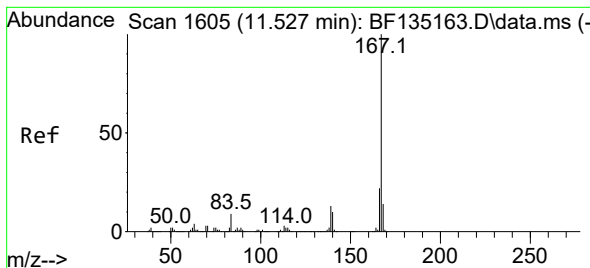
Reviewed By :Yogesh Patel 09/20/2023  
Supervised By :mohammad ahmed 09/20/2023



#72  
Anthracene  
Concen: 44.613 ng  
RT: 11.369 min Scan# 1578  
Delta R.T. 0.000 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

Tgt Ion:178 Resp: 1160723  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.4 23.2  
179 15.9 12.6 19.0





#73

Carbazole

Concen: 47.286 ng

RT: 11.527 min Scan# 1605

Delta R.T. 0.000 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

Instrument :

BNA\_F

ClientSampleId :

PB155601BS

Tgt Ion:167 Resp: 111994

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.0

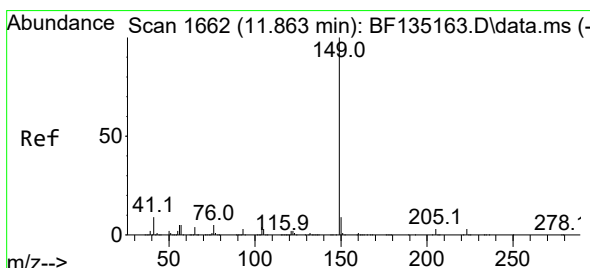
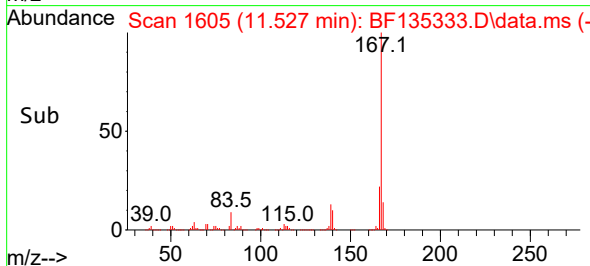
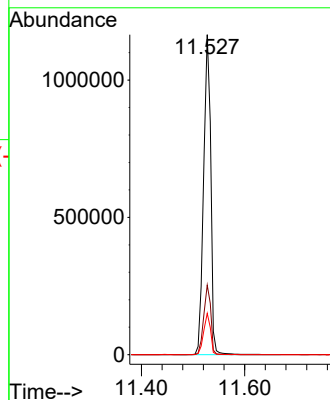
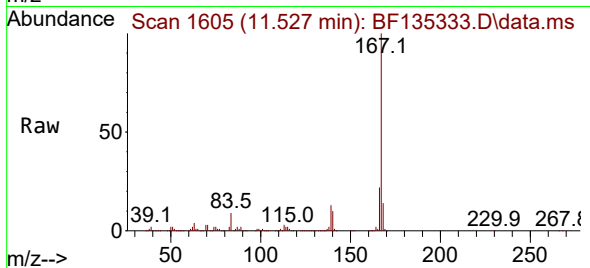
139 12.9 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#74

Di-n-butylphthalate

Concen: 47.923 ng

RT: 11.857 min Scan# 1661

Delta R.T. -0.006 min

Lab File: BF135333.D

Acq: 19 Sep 2023 14:12

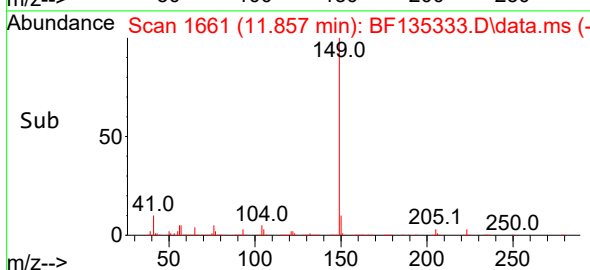
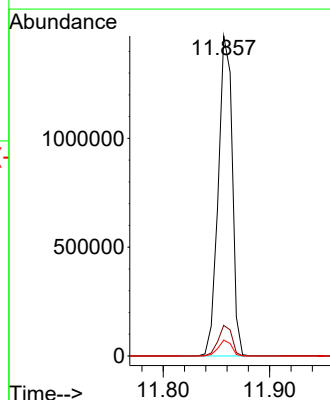
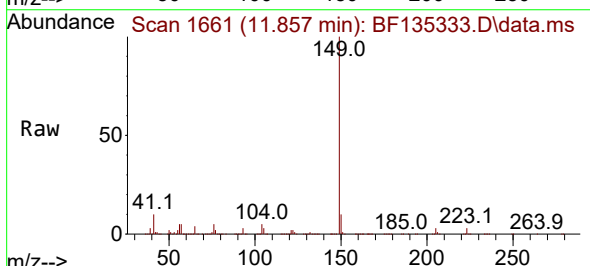
Tgt Ion:149 Resp: 1337470

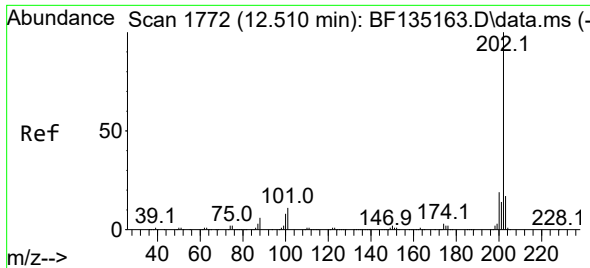
Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.0

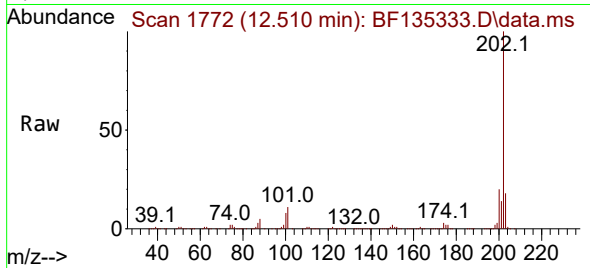
104 5.0 3.6 5.4





#75  
Fluoranthene  
Concen: 46.523 ng  
RT: 12.510 min Scan# 1772  
Delta R.T. 0.000 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

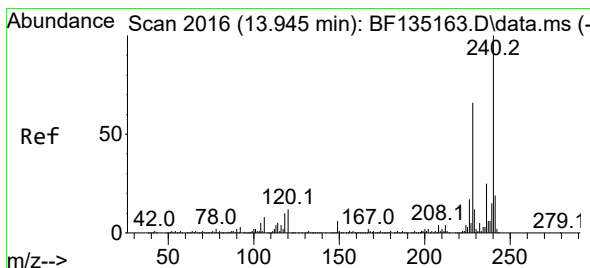
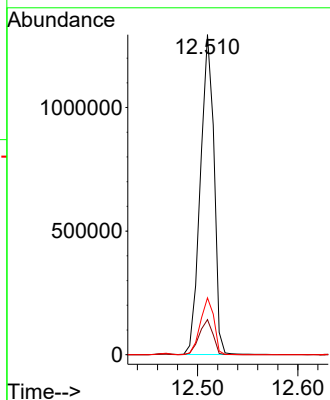
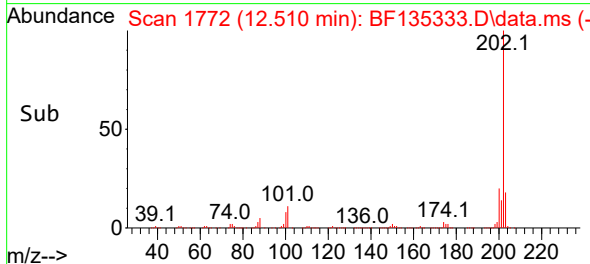
Instrument :  
BNA\_F  
ClientSampleId :  
PB155601BS



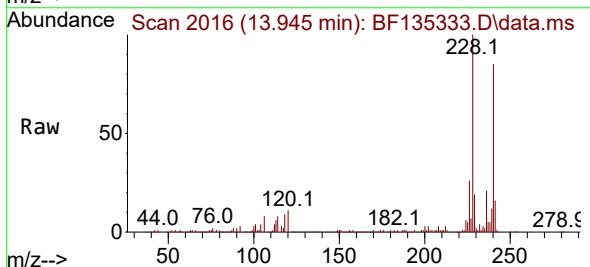
Tgt Ion:202 Resp: 122701  
Ion Ratio Lower Upper  
202 100  
101 11.0 0.0 31.3  
203 17.7 0.0 37.4

Manual Integrations  
APPROVED

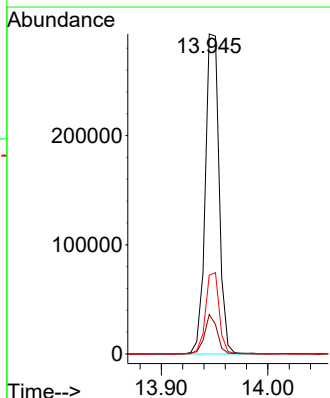
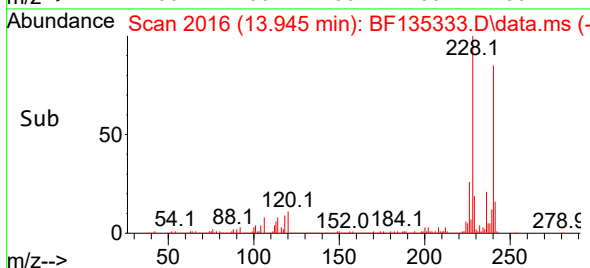
Reviewed By :Yogesh Patel 09/20/2023  
Supervised By :mohammad ahmed 09/20/2023

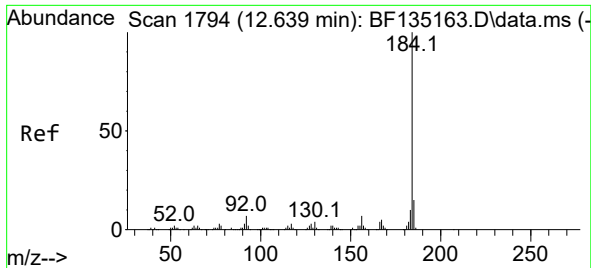


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.945 min Scan# 2016  
Delta R.T. 0.000 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12



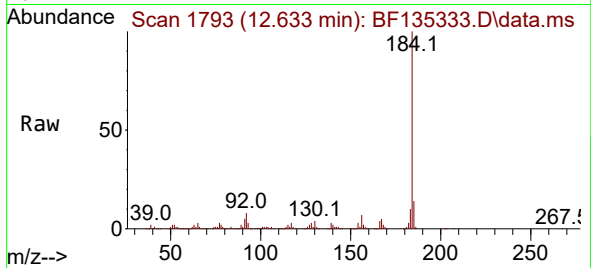
Tgt Ion:240 Resp: 265687  
Ion Ratio Lower Upper  
240 100  
120 12.4 9.4 14.2  
236 24.6 19.8 29.8





#77  
Benzidine  
Concen: 58.542 ng  
RT: 12.633 min Scan# 1793  
Delta R.T. -0.006 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

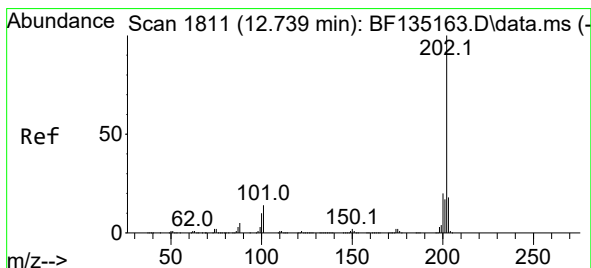
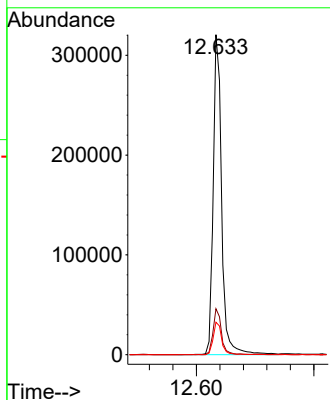
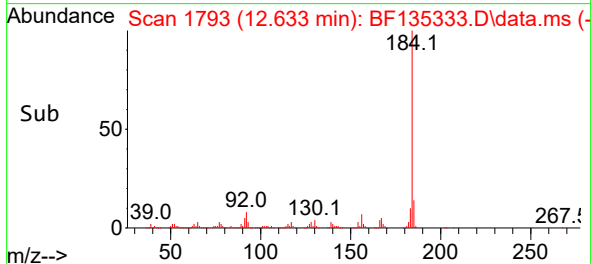
Instrument :  
BNA\_F  
ClientSampleId :  
PB155601BS



Tgt Ion:184 Resp: 31864  
Ion Ratio Lower Upper  
184 100  
185 14.4 11.7 17.5  
183 10.2 8.2 12.4

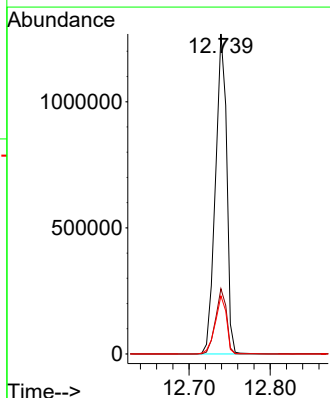
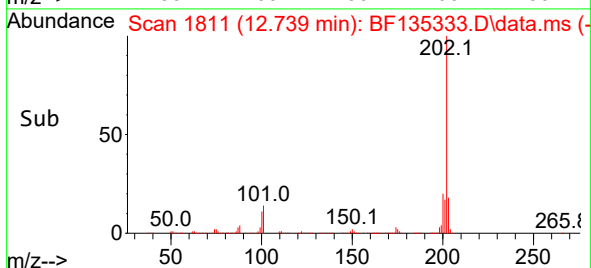
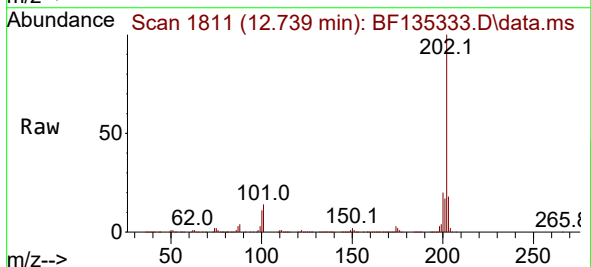
Manual Integrations  
APPROVED

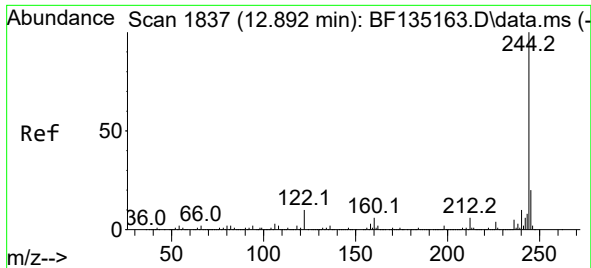
Reviewed By :Yogesh Patel 09/20/2023  
Supervised By :mohammad ahmed 09/20/2023



#78  
Pyrene  
Concen: 48.248 ng  
RT: 12.739 min Scan# 1811  
Delta R.T. 0.000 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

Tgt Ion:202 Resp: 1220466  
Ion Ratio Lower Upper  
202 100  
200 20.4 16.2 24.2  
203 18.1 14.2 21.4





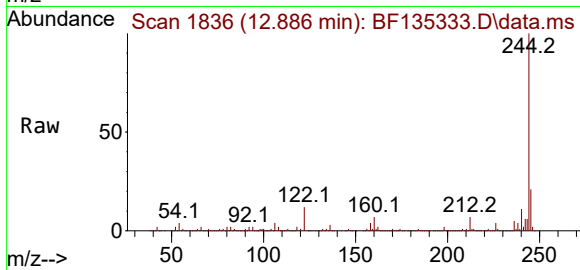
#79  
 Terphenyl-d14  
 Concen: 90.090 ng  
 RT: 12.886 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF135333.D  
 Acq: 19 Sep 2023 14:12

Instrument :

BNA\_F

ClientSampleId :

PB155601BS

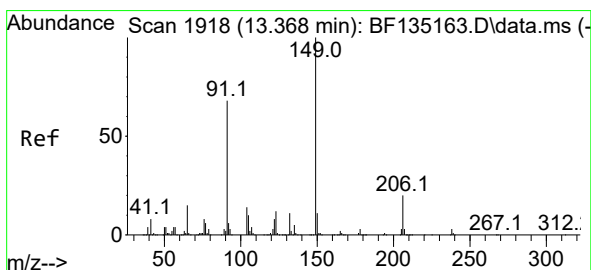
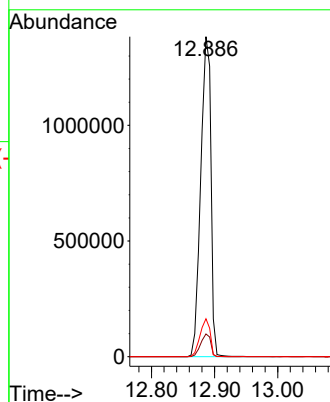
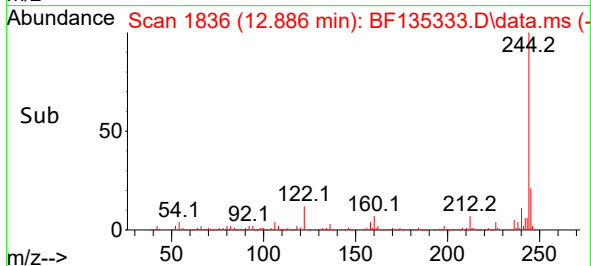


Tgt Ion:244 Resp: 154404  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.1 7.7  
 122 11.9 7.9 11.9

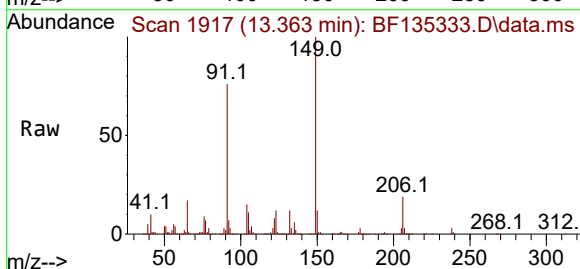
Manual Integrations

APPROVED

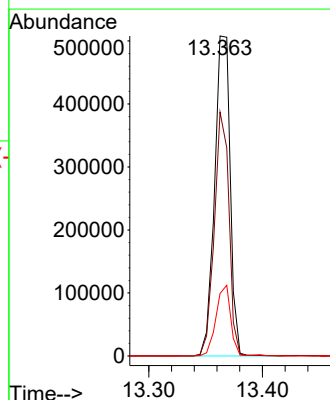
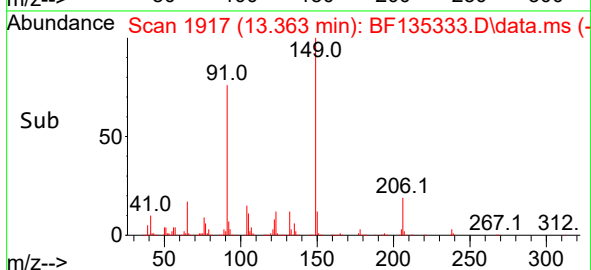
Reviewed By :Yogesh Patel 09/20/2023  
 Supervised By :mohammad ahmed 09/20/2023

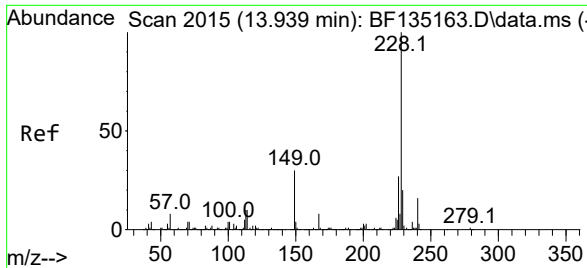


#80  
 Butylbenzylphthalate  
 Concen: 54.556 ng  
 RT: 13.363 min Scan# 1917  
 Delta R.T. -0.006 min  
 Lab File: BF135333.D  
 Acq: 19 Sep 2023 14:12



Tgt Ion:149 Resp: 485884  
 Ion Ratio Lower Upper  
 149 100  
 91 76.2 54.7 82.1  
 206 19.5 16.3 24.5





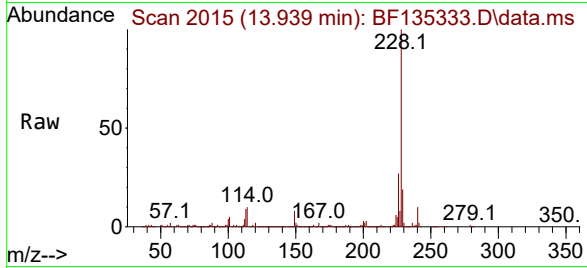
#81  
Benzo(a)anthracene  
Concen: 45.158 ng  
RT: 13.939 min Scan# 2015  
Delta R.T. 0.000 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

Instrument :

BNA\_F

ClientSampleId :

PB155601BS



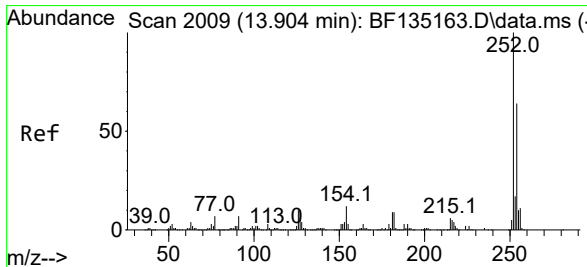
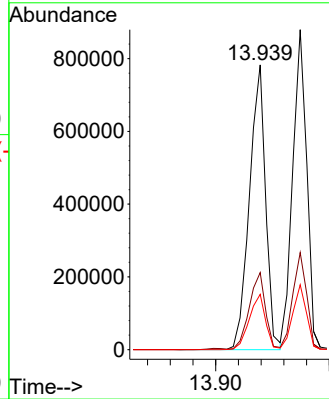
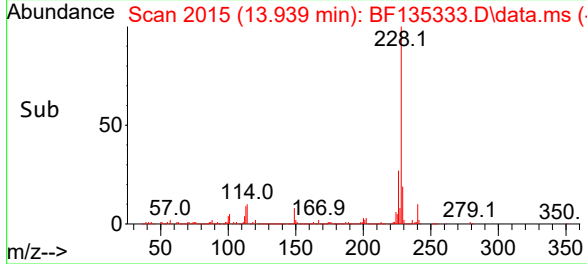
Tgt Ion:228 Resp: 77474  
Ion Ratio Lower Upper  
228 100  
226 27.1 21.7 32.5  
229 19.4 15.8 23.8

Manual Integrations

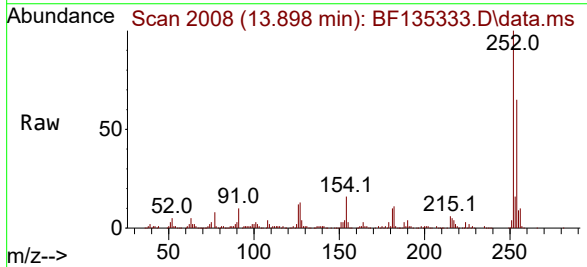
APPROVED

Reviewed By :Yogesh Patel 09/20/2023

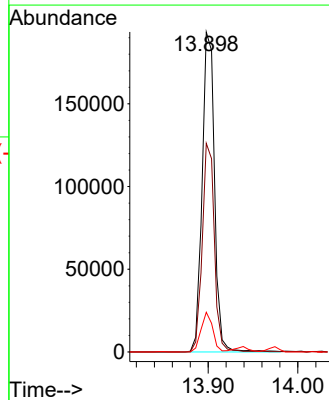
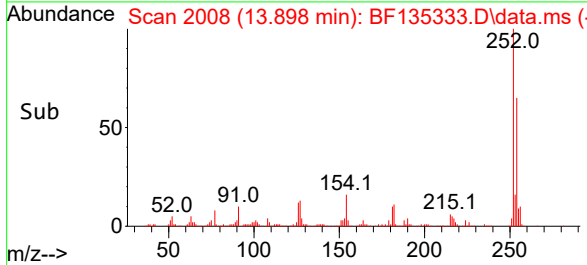
Supervised By :mohammad ahmed 09/20/2023

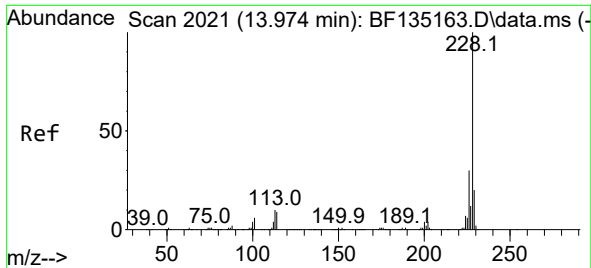


#82  
3,3'-Dichlorobenzidine  
Concen: 34.583 ng  
RT: 13.898 min Scan# 2008  
Delta R.T. -0.006 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12



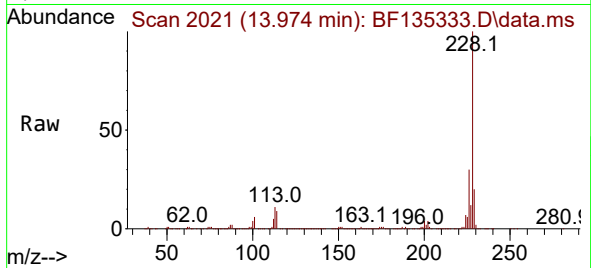
Tgt Ion:252 Resp: 185323  
Ion Ratio Lower Upper  
252 100  
254 65.2 51.0 76.4  
126 12.4 7.8 11.8





#83  
Chrysene  
Concen: 44.434 ng  
RT: 13.974 min Scan# 2021  
Delta R.T. 0.000 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

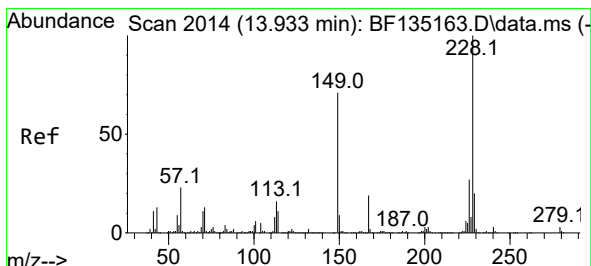
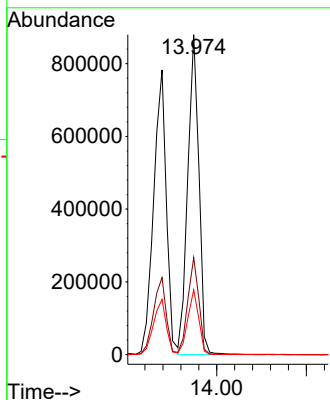
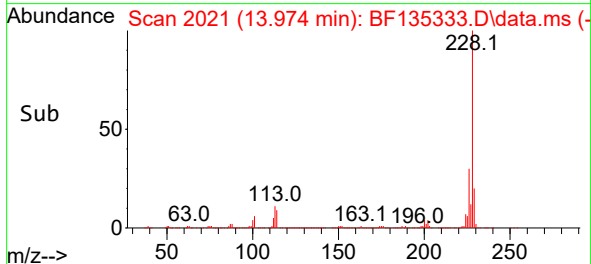
Instrument :  
BNA\_F  
ClientSampleId :  
PB155601BS



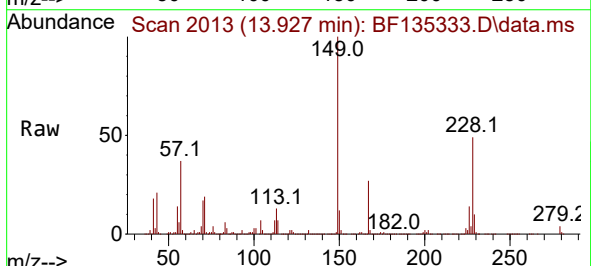
Tgt Ion:228 Resp: 757912  
Ion Ratio Lower Upper  
228 100  
226 30.3 24.3 36.5  
229 20.3 16.0 24.0

Manual Integrations  
APPROVED

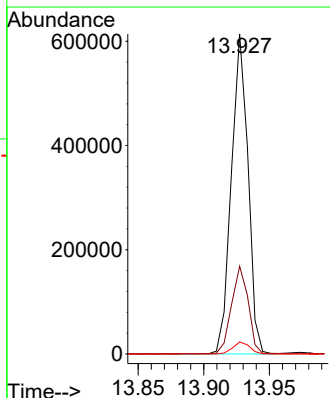
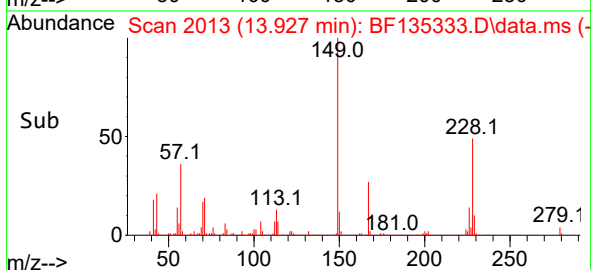
Reviewed By :Yogesh Patel 09/20/2023  
Supervised By :mohammad ahmed 09/20/2023

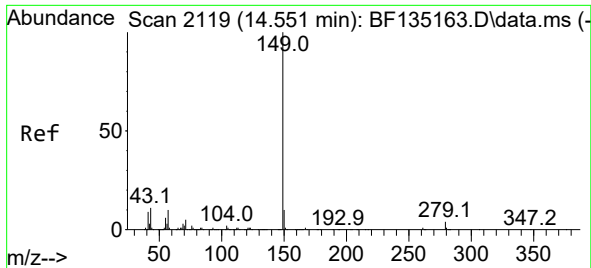


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 59.491 ng  
RT: 13.927 min Scan# 2013  
Delta R.T. -0.006 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12



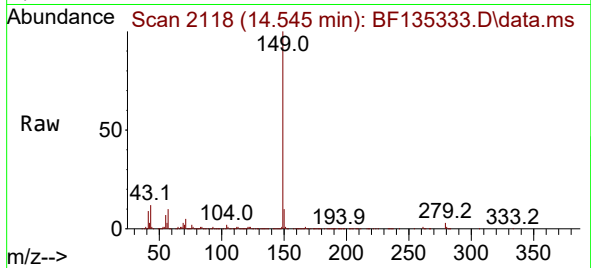
Tgt Ion:149 Resp: 543704  
Ion Ratio Lower Upper  
149 100  
167 27.5 21.9 32.9  
279 3.7 3.3 4.9





#85  
Di-n-octyl phthalate  
Concen: 56.515 ng  
RT: 14.545 min Scan# 2118  
Delta R.T. -0.006 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

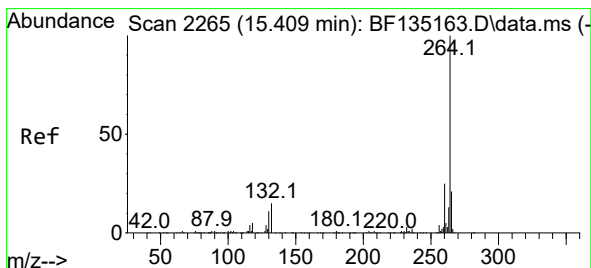
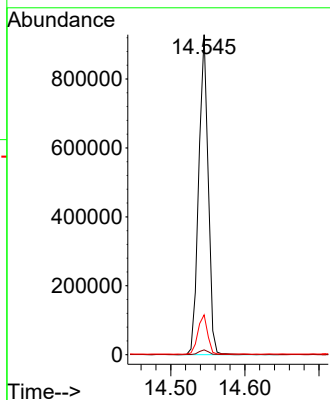
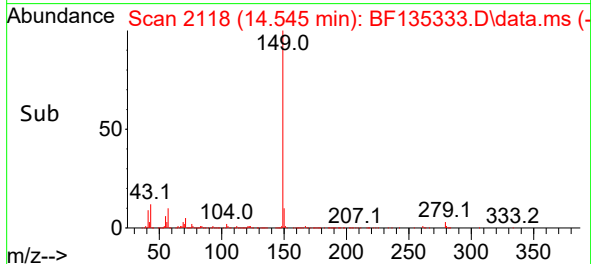
Instrument :  
BNA\_F  
ClientSampleId :  
PB155601BS



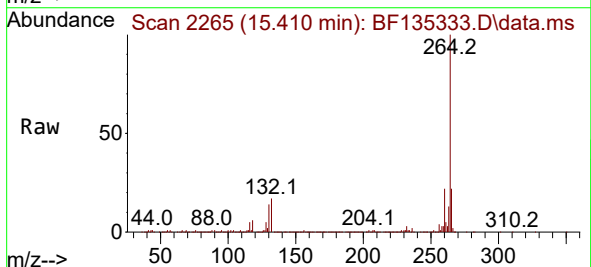
Tgt Ion:149 Resp: 820829  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.1 1.7  
43 12.6 9.8 14.6

Manual Integrations  
APPROVED

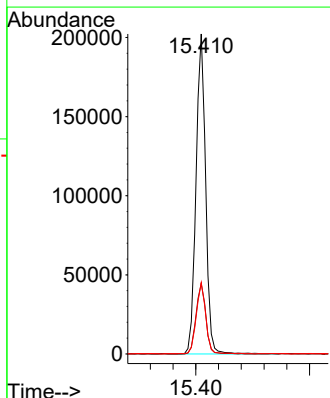
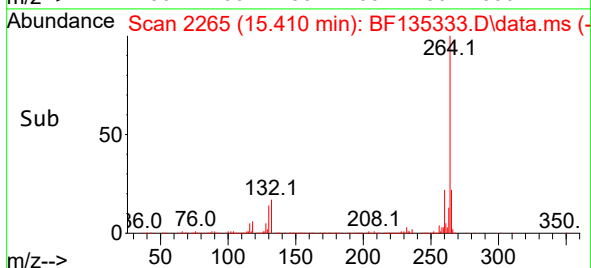
Reviewed By :Yogesh Patel 09/20/2023  
Supervised By :mohammad ahmed 09/20/2023

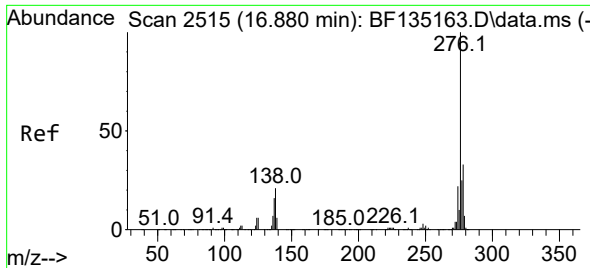


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.410 min Scan# 2265  
Delta R.T. 0.000 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12



Tgt Ion:264 Resp: 239505  
Ion Ratio Lower Upper  
264 100  
260 22.0 19.8 29.6  
265 22.3 17.0 25.4





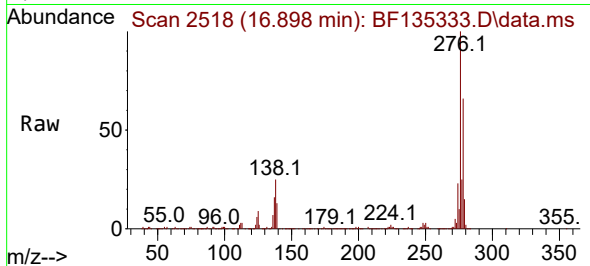
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 49.455 ng  
RT: 16.898 min Scan# 2118  
Delta R.T. 0.018 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

Instrument :

BNA\_F

ClientSampleId :

PB155601BS

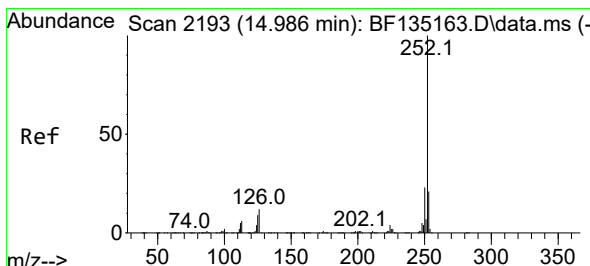
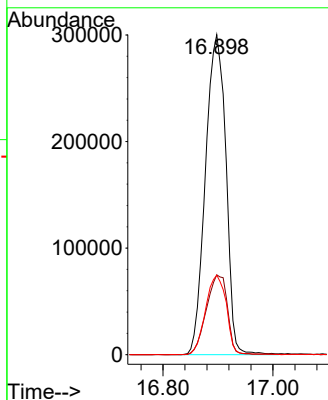
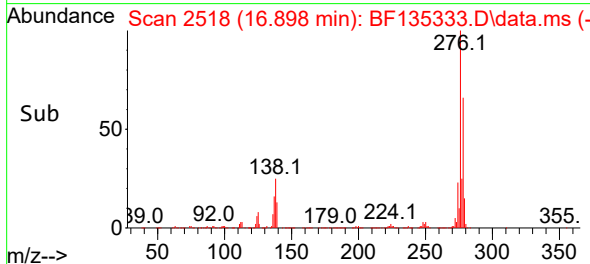


Tgt Ion:276 Resp: 776620  
Ion Ratio Lower Upper  
276 100  
138 25.6 19.2 28.8  
277 25.2 19.7 29.5

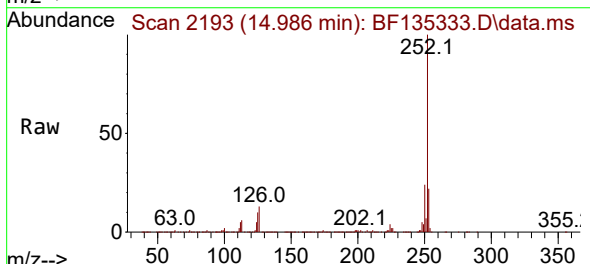
Manual Integrations

APPROVED

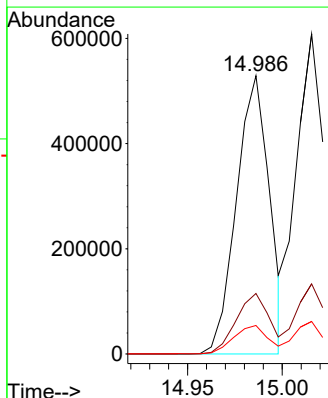
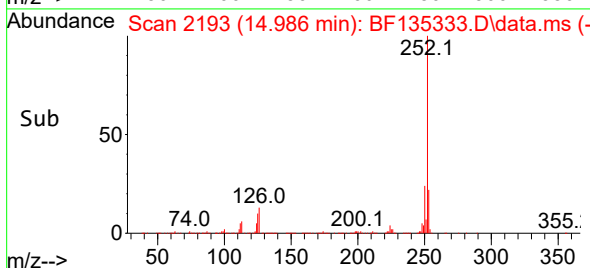
Reviewed By :Yogesh Patel 09/20/2023  
Supervised By :mohammad ahmed 09/20/2023

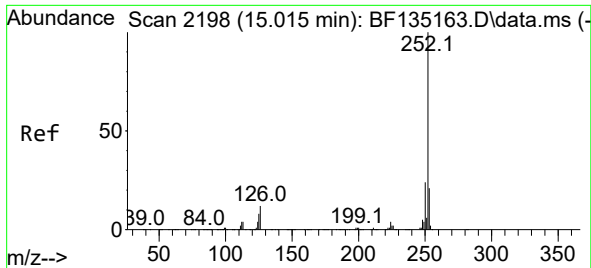


#88  
Benzo(b)fluoranthene  
Concen: 49.369 ng  
RT: 14.986 min Scan# 2193  
Delta R.T. 0.000 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12



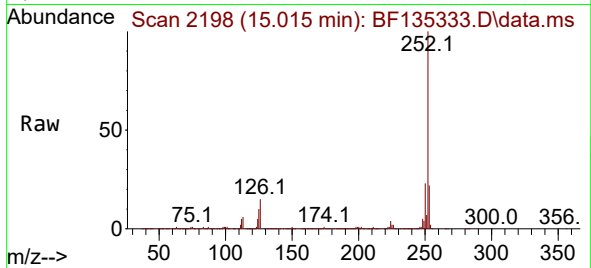
Tgt Ion:252 Resp: 640078  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.2 25.8  
125 10.2 7.1 10.7





#89  
Benzo(k)fluoranthene  
Concen: 49.537 ng  
RT: 15.015 min Scan# 2198  
Delta R.T. 0.000 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

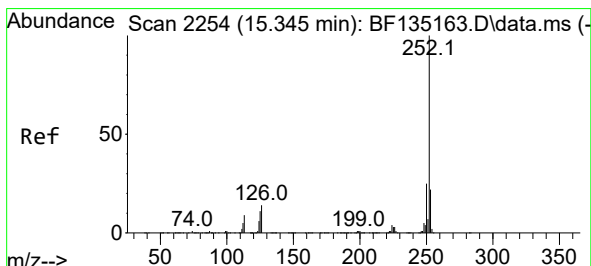
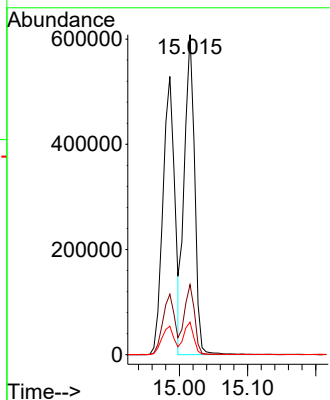
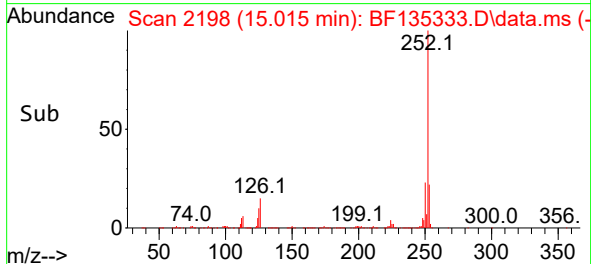
Instrument :  
BNA\_F  
ClientSampleId :  
PB155601BS



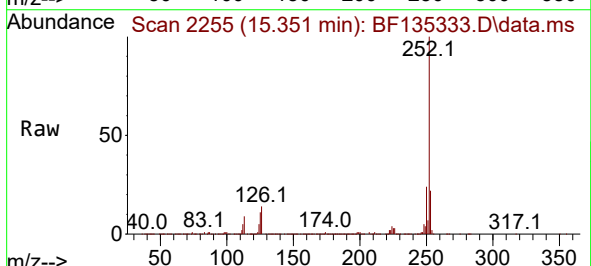
Tgt Ion:252 Resp: 634449  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.4 26.0  
125 10.2 7.2 10.8

Manual Integrations  
APPROVED

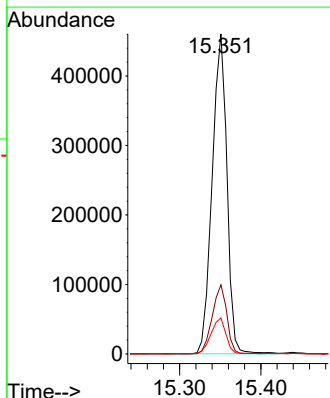
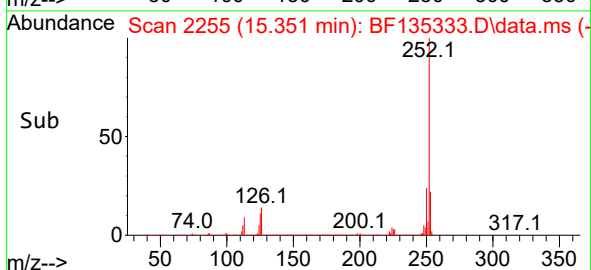
Reviewed By :Yogesh Patel 09/20/2023  
Supervised By :mohammad ahmed 09/20/2023

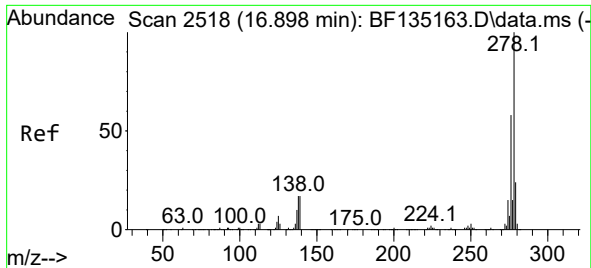


#90  
Benzo(a)pyrene  
Concen: 46.961 ng  
RT: 15.351 min Scan# 2255  
Delta R.T. 0.006 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12



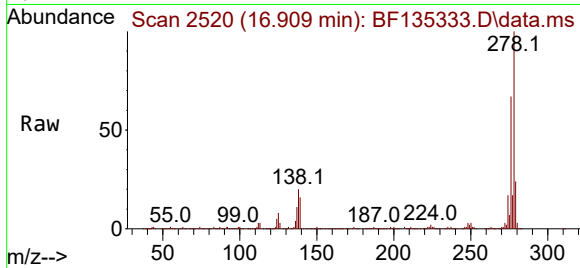
Tgt Ion:252 Resp: 580631  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.5 26.3  
125 11.2 9.2 13.8





#91  
Dibenzo(a,h)anthracene  
Concen: 49.055 ng  
RT: 16.909 min Scan# 2520  
Delta R.T. 0.012 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12

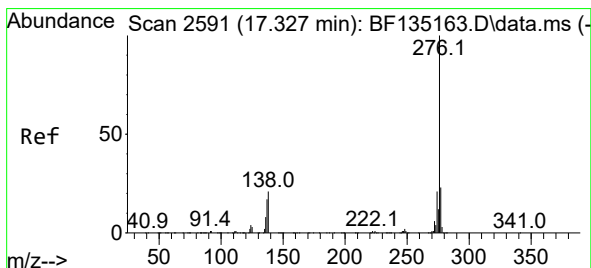
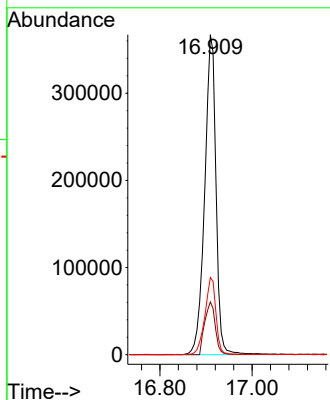
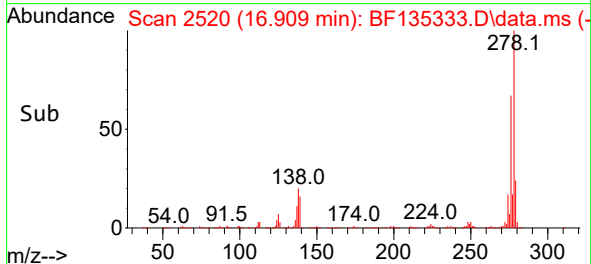
Instrument :  
BNA\_F  
ClientSampleId :  
PB155601BS



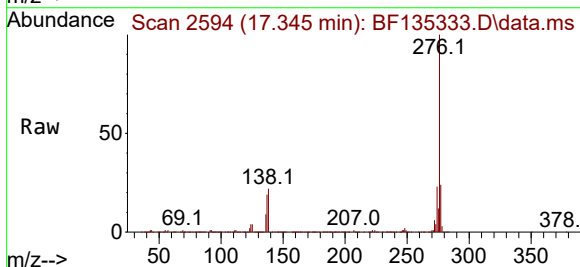
Tgt Ion:278 Resp: 630308  
Ion Ratio Lower Upper  
278 100  
139 16.5 13.4 20.0  
279 24.1 19.0 28.6

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/20/2023  
Supervised By :mohammad ahmed 09/20/2023



#92  
Benzo(g,h,i)perylene  
Concen: 49.131 ng  
RT: 17.345 min Scan# 2594  
Delta R.T. 0.018 min  
Lab File: BF135333.D  
Acq: 19 Sep 2023 14:12



Tgt Ion:276 Resp: 659288  
Ion Ratio Lower Upper  
276 100  
277 23.7 18.8 28.2  
138 22.0 16.9 25.3

