

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072423\  
 Data File : BF134429.D  
 Acq On : 24 Jul 2023 14:53  
 Operator : CG\JU  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/25/2023  
 Supervised By :mohammad ahmed 07/25/2023

Quant Time: Jul 25 01:32:26 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072423.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 25 01:30:14 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.834  | 152  | 50610    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.116  | 136  | 188067   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.869  | 164  | 92918    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.369 | 188  | 181268   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.027 | 240  | 156648   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.533 | 264  | 147998   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.469  | 112  | 62321    | 20.345 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.469  | 99   | 79436    | 21.166 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.392  | 82   | 74456    | 20.030 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.663 | 330  | 25469    | 19.292 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.186  | 172  | 148116   | 20.927 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.957 | 244  | 175291   | 19.534 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.593  | 88   | 13081    | 10.068 | ng    | 95       |
| 3) Pyridine                   | 3.404  | 79   | 28555m   | 9.807  | ng    |          |
| 4) n-Nitrosodimethylamine     | 3.334  | 42   | 16180m   | 9.387  | ng    |          |
| 6) Aniline                    | 6.498  | 93   | 47148    | 10.659 | ng    | 91       |
| 8) 2-Chlorophenol             | 6.622  | 128  | 32417    | 10.446 | ng    | 98       |
| 9) Benzaldehyde               | 6.392  | 77   | 23560    | 11.722 | ng    | 92       |
| 10) Phenol                    | 6.487  | 94   | 39697    | 10.166 | ng    | 91       |
| 11) bis(2-Chloroethyl)ether   | 6.569  | 93   | 28084    | 10.302 | ng    | 91       |
| 12) 1,3-Dichlorobenzene       | 6.775  | 146  | 34234    | 10.259 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.851  | 146  | 35417    | 10.313 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.004  | 146  | 33882    | 10.503 | ng    | 98       |
| 15) Benzyl Alcohol            | 6.975  | 79   | 28384m   | 9.892  | ng    |          |
| 16) 2,2'-oxybis(1-Chloropr... | 7.110  | 45   | 42826    | 10.668 | ng    | 99       |
| 17) 2-Methylphenol            | 7.092  | 107  | 28141    | 10.168 | ng    | 97       |
| 18) Hexachloroethane          | 7.339  | 117  | 14139    | 10.717 | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 7.239  | 70   | 24433    | 10.458 | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.245  | 107  | 38425    | 10.844 | ng    | 92       |
| 22) Acetophenone              | 7.239  | 105  | 49129    | 10.504 | ng    | 91       |
| 24) Nitrobenzene              | 7.416  | 77   | 36702    | 9.928  | ng    | 96       |
| 25) Isophorone                | 7.651  | 82   | 63024    | 10.173 | ng    | 97       |
| 26) 2-Nitrophenol             | 7.734  | 139  | 16963    | 9.977  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.769  | 122  | 27579    | 10.278 | ng    | 94       |
| 28) bis(2-Chloroethoxy)met... | 7.863  | 93   | 34833    | 10.102 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.981  | 162  | 27560    | 10.275 | ng    | 94       |
| 30) 1,2,4-Trichlorobenzene    | 8.057  | 180  | 29839    | 10.313 | ng    | 96       |
| 31) Naphthalene               | 8.133  | 128  | 97997    | 10.470 | ng    | 99       |
| 32) Benzoic acid              | 7.857  | 122  | 15774m   | 8.903  | ng    |          |
| 33) 4-Chloroaniline           | 8.186  | 127  | 39253    | 10.146 | ng    | 94       |
| 34) Hexachlorobutadiene       | 8.245  | 225  | 20206    | 10.425 | ng    | 97       |
| 35) Caprolactam               | 8.533  | 113  | 8605     | 10.512 | ng    | # 90     |
| 36) 4-Chloro-3-methylphenol   | 8.675  | 107  | 31575    | 10.202 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.828  | 142  | 66817    | 10.274 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.928  | 142  | 60604    | 10.045 | ng    | 96       |
| 40) 1,2,4,5-Tetrachloroben... | 8.992  | 216  | 30709    | 10.429 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 8.975  | 237  | 2796     | 10.522 | ng    | 93       |
| 43) 2,4,6-Trichlorophenol     | 9.110  | 196  | 19015    | 10.066 | ng    | 98       |

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 Operator : CG\JU  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Manual Integrations  
 APPROVED

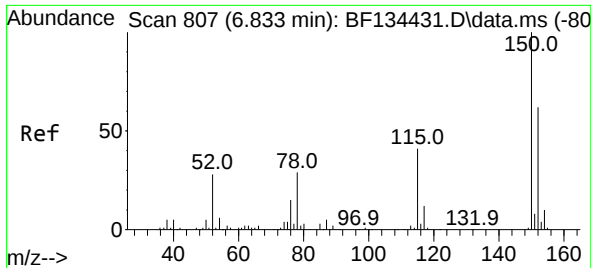
Reviewed By :Yogesh Patel 07/25/2023  
 Supervised By :mohammad ahmed 07/25/2023

Quant Time: Jul 25 01:32:26 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072423.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 25 01:30:14 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.157  | 196  | 20999    | 9.541  | ng    | 90       |
| 46) 1,1'-Biphenyl             | 9.292  | 154  | 77991    | 10.184 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 9.316  | 162  | 58001    | 10.273 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.422  | 65   | 19410    | 9.546  | ng    | 94       |
| 49) Acenaphthylene            | 9.733  | 152  | 98204    | 10.296 | ng    | 96       |
| 50) Dimethylphthalate         | 9.586  | 163  | 69138    | 10.037 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 9.657  | 165  | 14700    | 9.726  | ng    | 100      |
| 52) Acenaphthene              | 9.904  | 154  | 55738    | 9.892  | ng    | 97       |
| 53) 3-Nitroaniline            | 9.833  | 138  | 17407    | 10.045 | ng    | # 97     |
| 54) 2,4-Dinitrophenol         | 9.957  | 184  | 4115     | 11.333 | ng    | # 82     |
| 55) Dibenzofuran              | 10.080 | 168  | 86959    | 10.028 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.016 | 139  | 7121     | 7.706  | ng    | # 84     |
| 57) 2,4-Dinitrotoluene        | 10.069 | 165  | 19626    | 9.668  | ng    | 95       |
| 58) Fluorene                  | 10.422 | 166  | 71096    | 10.162 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.204 | 232  | 16213m   | 9.552  | ng    |          |
| 60) Diethylphthalate          | 10.292 | 149  | 71766    | 10.063 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.416 | 204  | 33175    | 9.927  | ng    | 96       |
| 62) 4-Nitroaniline            | 10.445 | 138  | 17192    | 9.674  | ng    | 86       |
| 63) Azobenzene                | 10.575 | 77   | 64868    | 9.882  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.480 | 198  | 8586     | 8.257  | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 10.533 | 169  | 59573    | 10.330 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 10.904 | 248  | 20065    | 10.103 | ng    | # 89     |
| 68) Hexachlorobenzene         | 10.975 | 284  | 23486    | 10.501 | ng    | 93       |
| 69) Atrazine                  | 11.063 | 200  | 17231    | 10.716 | ng    | 97       |
| 70) Pentachlorophenol         | 11.180 | 266  | 8149m    | 8.682  | ng    |          |
| 71) Phenanthrene              | 11.392 | 178  | 100027   | 10.561 | ng    | 99       |
| 72) Anthracene                | 11.445 | 178  | 102739   | 10.510 | ng    | 97       |
| 73) Carbazole                 | 11.604 | 167  | 95125    | 10.334 | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.927 | 149  | 108468   | 10.265 | ng    | 99       |
| 75) Fluoranthene              | 12.586 | 202  | 114301   | 10.355 | ng    | 99       |
| 77) Benzidine                 | 12.716 | 184  | 38741    | 11.583 | ng    | 95       |
| 78) Pyrene                    | 12.821 | 202  | 118659   | 9.527  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.439 | 149  | 47165    | 9.453  | ng    | 95       |
| 81) Benzo(a)anthracene        | 14.015 | 228  | 110076   | 10.072 | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine    | 13.980 | 252  | 35952    | 10.386 | ng    | 97       |
| 83) Chrysene                  | 14.057 | 228  | 104527   | 9.999  | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 13.998 | 149  | 57616    | 9.505  | ng    | # 99     |
| 85) Di-n-octyl phthalate      | 14.621 | 149  | 84313    | 10.009 | ng    | # 98     |
| 87) Indeno(1,2,3-cd)pyrene    | 17.080 | 276  | 82469    | 8.529  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.086 | 252  | 99156    | 10.709 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.115 | 252  | 91763    | 10.075 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.468 | 252  | 86692    | 10.130 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 17.086 | 278  | 64285    | 8.233  | ng    | 95       |
| 92) Benzo(g,h,i)perylene      | 17.545 | 276  | 65626    | 8.185  | ng    | 98       |

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





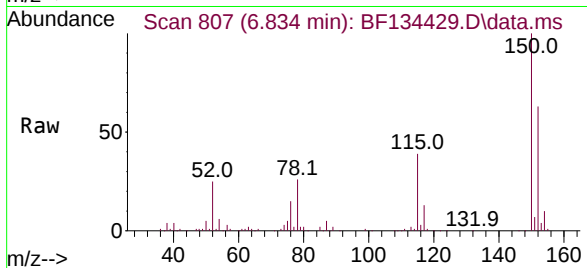
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1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.834 min Scan# 80  
Delta R.T. 0.001 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

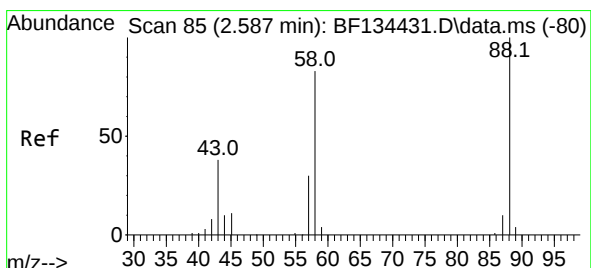
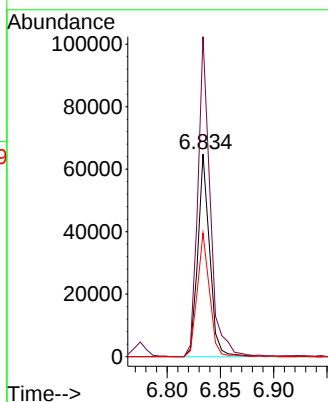
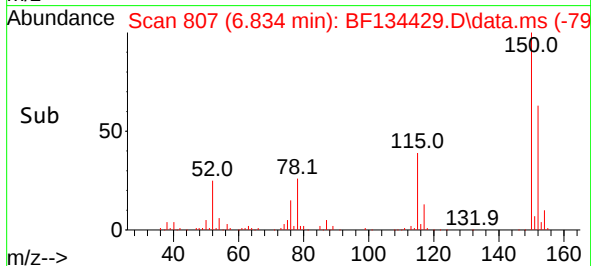


Tgt Ion:152 Resp: 50610  
Ion Ratio Lower Upper  
152 100  
150 158.0 128.3 192.5  
115 61.1 52.4 78.6

Manual Integrations

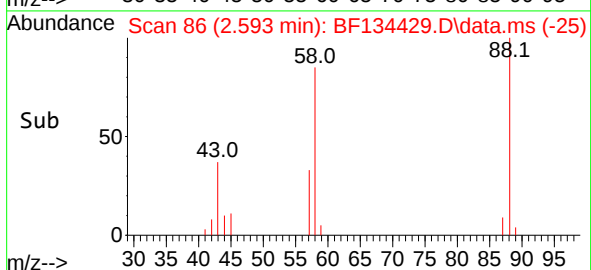
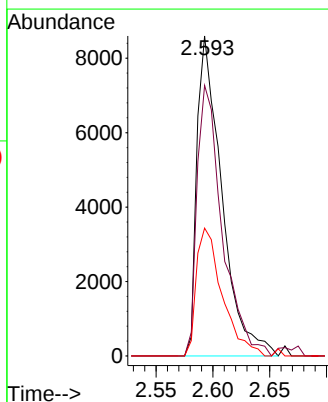
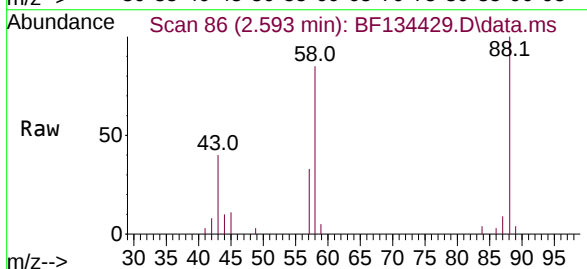
APPROVED

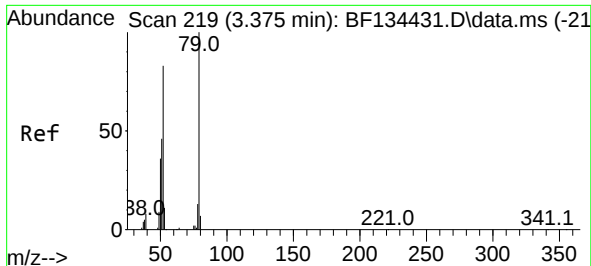
Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023



#2  
1,4-Dioxane  
Concen: 10.068 ng  
RT: 2.593 min Scan# 86  
Delta R.T. 0.006 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

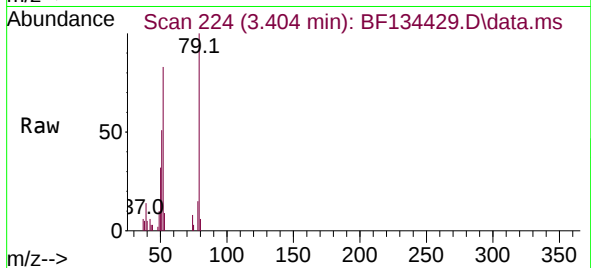
Tgt Ion: 88 Resp: 13081  
Ion Ratio Lower Upper  
88 100  
58 85.4 65.1 97.7  
43 41.6 30.3 45.5





#3  
Pyridine  
Concen: 9.807 ng m  
RT: 3.404 min Scan# 219  
Delta R.T. 0.030 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

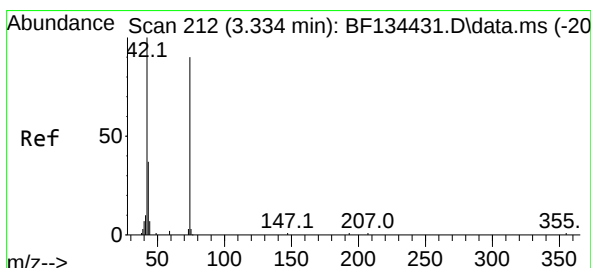
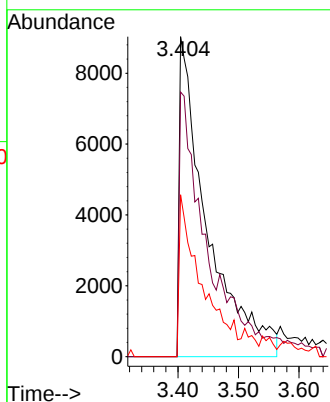
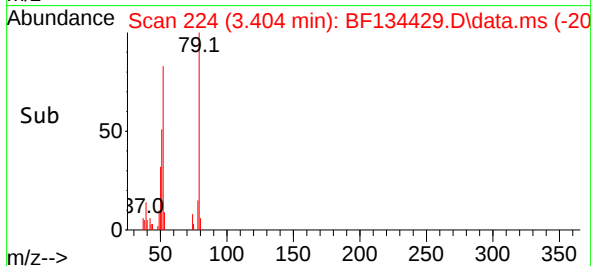
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



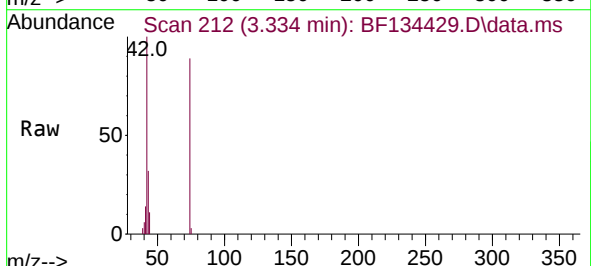
Tgt Ion: 79 Resp: 2855  
Ion Ratio Lower Upper  
79 100  
52 82.7 66.6 100.0  
51 50.6 36.5 54.7

Manual Integrations  
APPROVED

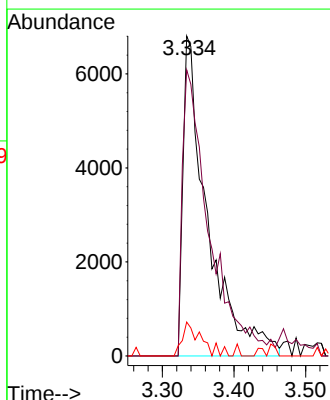
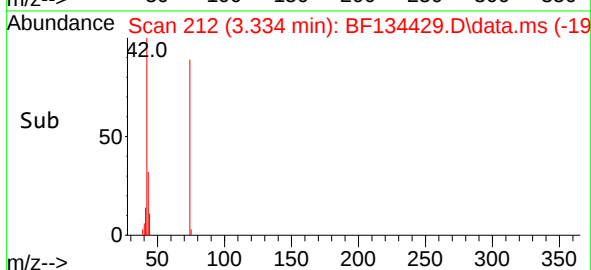
Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023

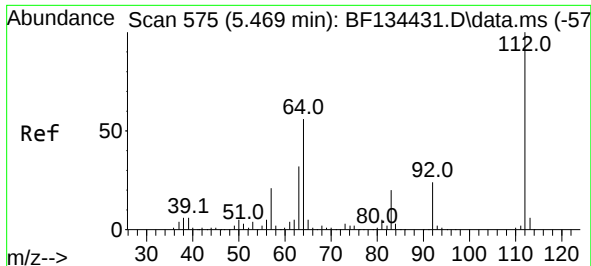


#4  
n-Nitrosodimethylamine  
Concen: 9.387 ng m  
RT: 3.334 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53



Tgt Ion: 42 Resp: 16180  
Ion Ratio Lower Upper  
42 100  
74 89.4 72.2 108.4  
44 10.6 5.4 8.0#





#5  
2-Fluorophenol  
Concen: 20.345 ng  
RT: 5.469 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Instrument :

BNA\_F

ClientSampleId :

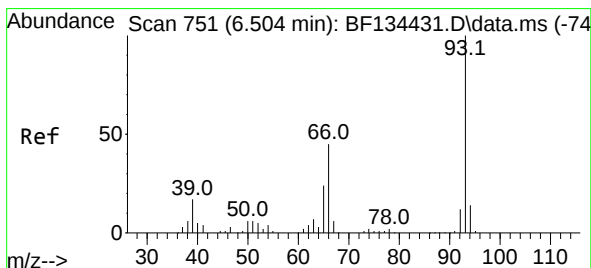
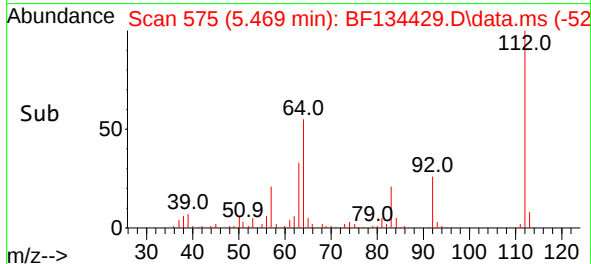
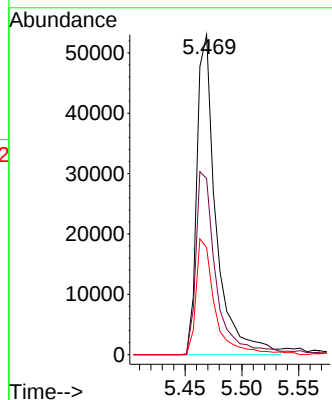
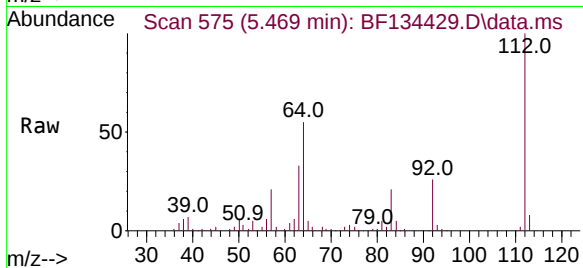
SSTDICC010

Tgt Ion:112 Resp: 6232  
Ion Ratio Lower Upper  
112 100  
64 55.1 44.9 67.3  
63 33.5 25.4 38.0

Manual Integrations

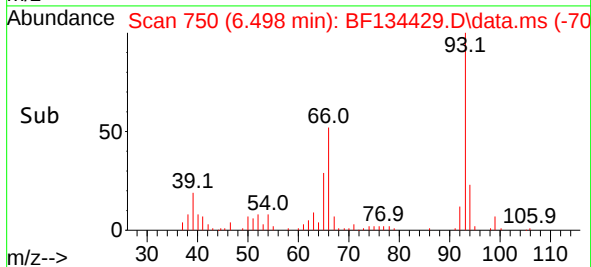
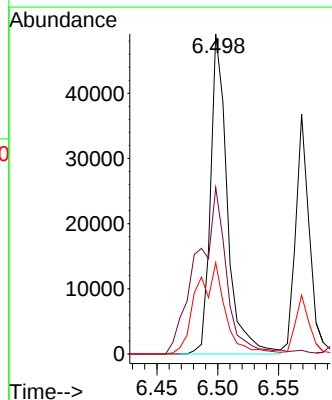
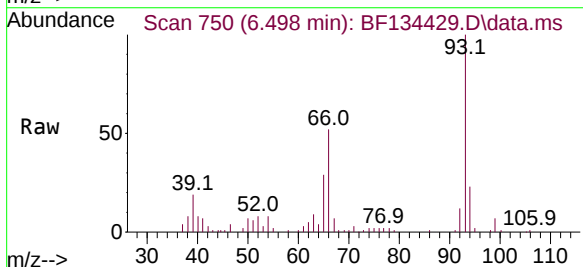
APPROVED

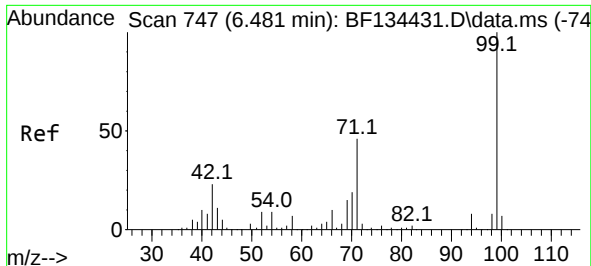
Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023



#6  
Aniline  
Concen: 10.659 ng  
RT: 6.498 min Scan# 750  
Delta R.T. -0.006 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Tgt Ion: 93 Resp: 47148  
Ion Ratio Lower Upper  
93 100  
66 52.0 36.8 55.2  
65 28.5 19.4 29.0





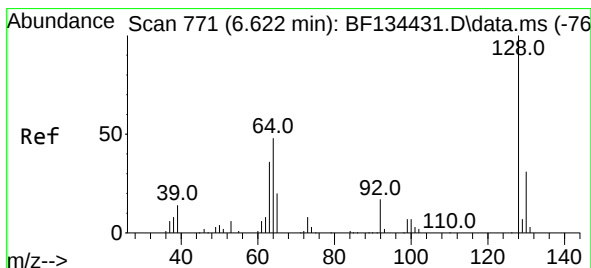
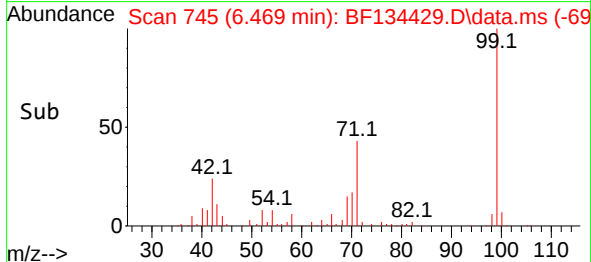
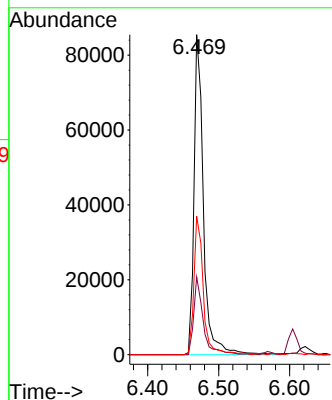
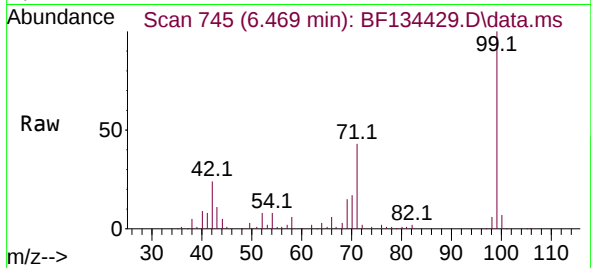
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Phenol-d6  
Concen: 21.166 ng  
RT: 6.469 min Scan# 747  
Delta R.T. -0.012 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

Tgt Ion: 99 Resp: 79430  
Ion Ratio Lower Upper  
99 100  
42 24.3 18.7 28.1  
71 43.3 36.4 54.6

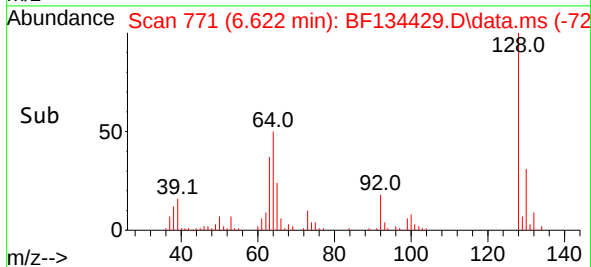
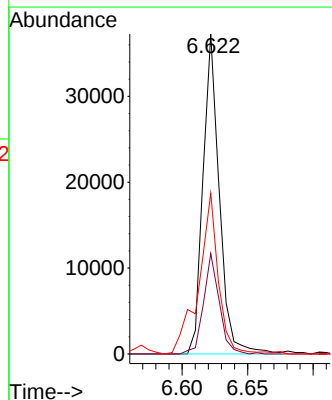
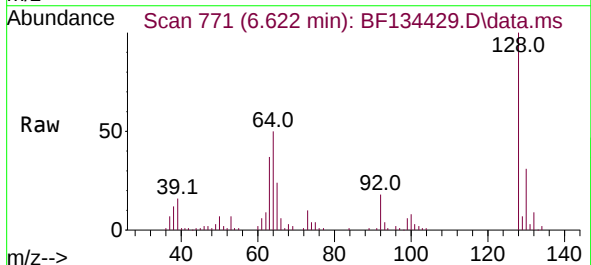
Manual Integrations  
APPROVED

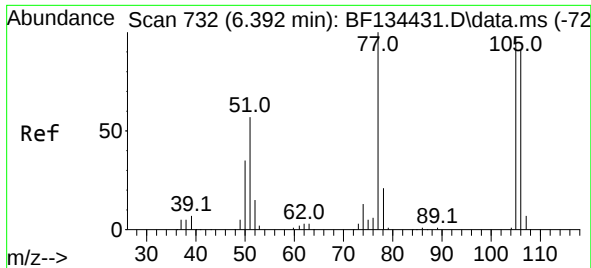
Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023



#8  
2-Chlorophenol  
Concen: 10.446 ng  
RT: 6.622 min Scan# 771  
Delta R.T. 0.000 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Tgt Ion:128 Resp: 32417  
Ion Ratio Lower Upper  
128 100  
130 31.4 11.1 51.1  
64 50.3 31.9 71.9





#9

Benzaldehyde

Concen: 11.722 ng

RT: 6.392 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF134429.D

Acq: 24 Jul 2023 14:53

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

Tgt Ion: 77 Resp: 2356

Ion Ratio Lower Upper

77 100

105 103.8 77.1 117.1

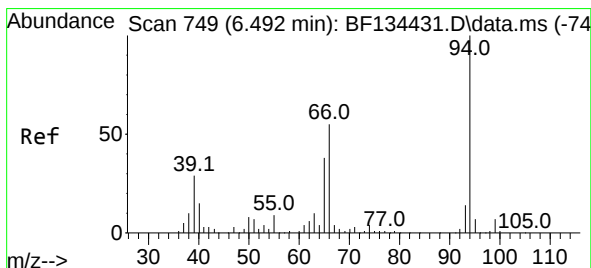
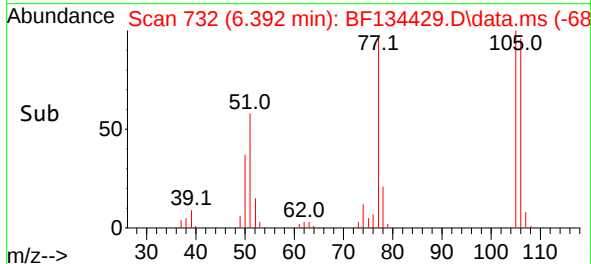
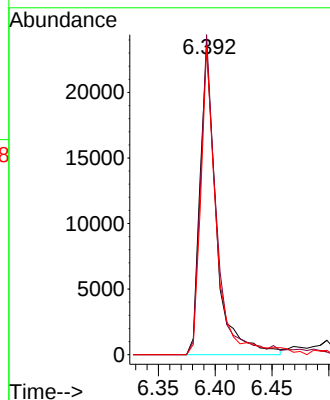
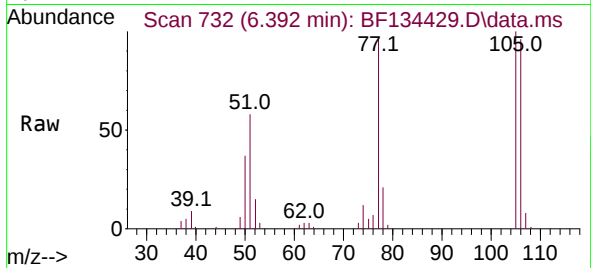
106 100.1 71.4 111.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#10

Phenol

Concen: 10.166 ng

RT: 6.487 min Scan# 748

Delta R.T. -0.006 min

Lab File: BF134429.D

Acq: 24 Jul 2023 14:53

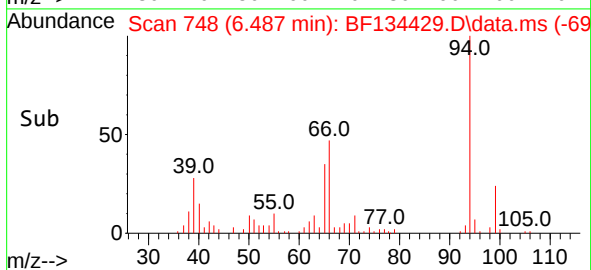
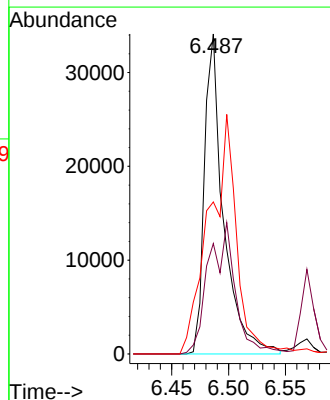
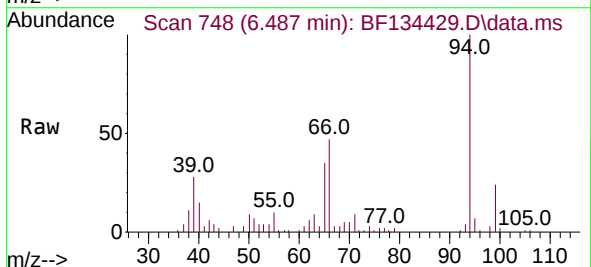
Tgt Ion: 94 Resp: 39697

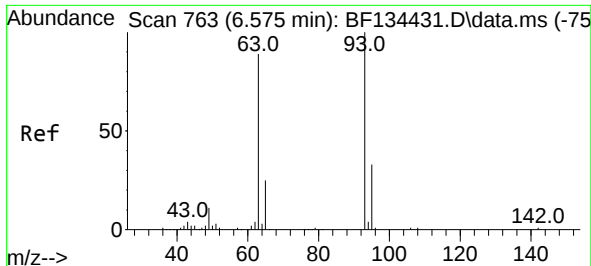
Ion Ratio Lower Upper

94 100

65 34.5 17.8 57.8

66 47.5 35.2 75.2





#11  
bis(2-Chloroethyl)ether  
Concen: 10.302 ng  
RT: 6.569 min Scan# 762  
Delta R.T. -0.006 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Instrument :

BNA\_F

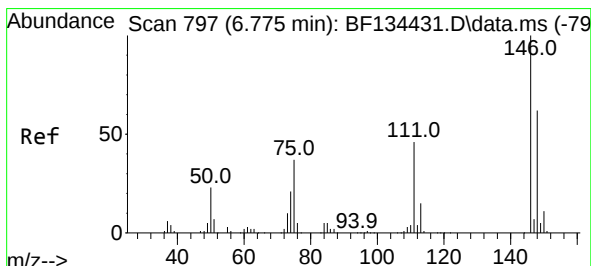
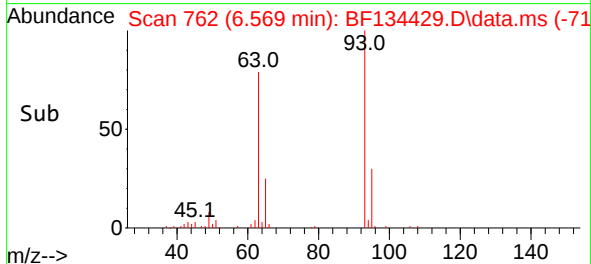
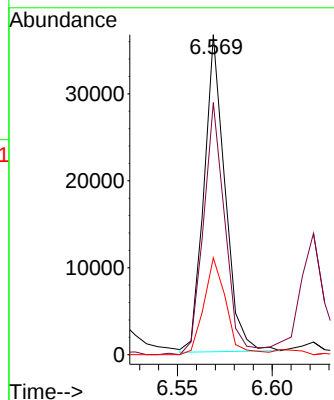
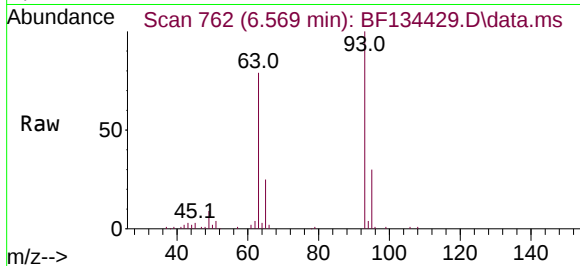
ClientSampleId :

SSTDICC010

Tgt Ion: 93 Resp: 28084  
Ion Ratio Lower Upper  
93 100  
63 78.8 68.4 108.4  
95 30.2 12.4 52.4

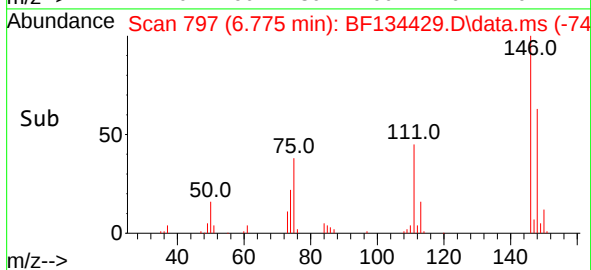
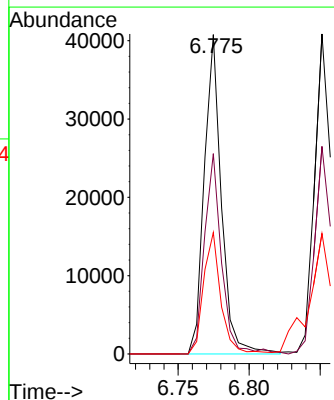
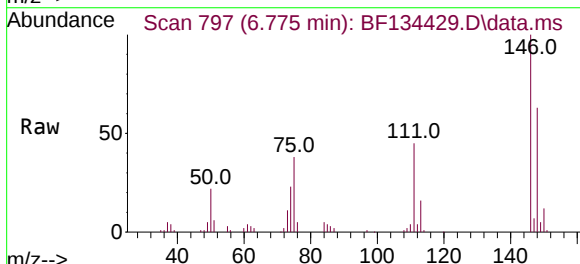
Manual Integrations  
APPROVED

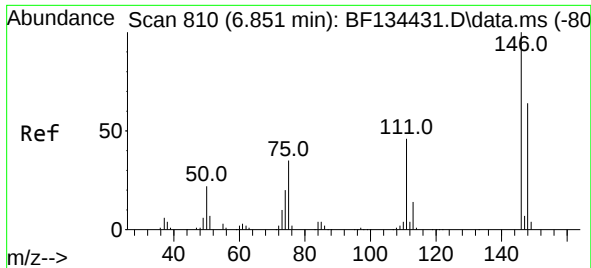
Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023



#12  
1,3-Dichlorobenzene  
Concen: 10.259 ng  
RT: 6.775 min Scan# 797  
Delta R.T. 0.000 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Tgt Ion:146 Resp: 34234  
Ion Ratio Lower Upper  
146 100  
148 62.7 49.7 74.5  
75 38.0 29.5 44.3





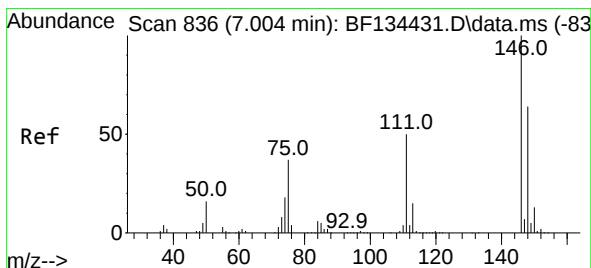
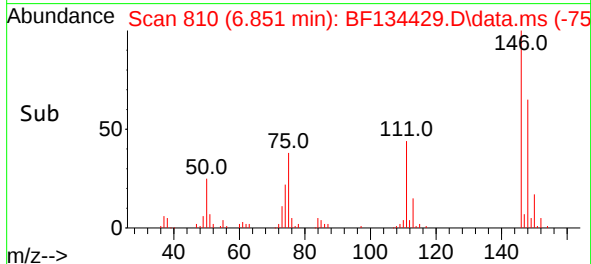
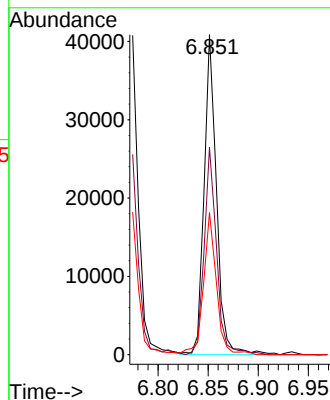
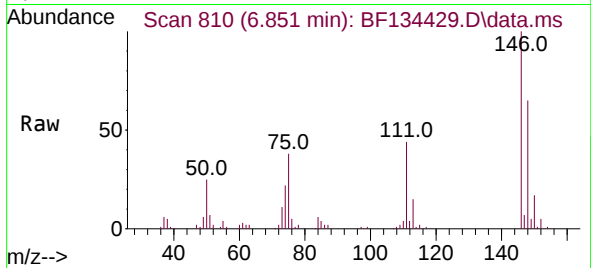
#13  
1,4-Dichlorobenzene  
Concen: 10.313 ng  
RT: 6.851 min Scan# 810  
Delta R.T. 0.000 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

Tgt Ion:146 Resp: 3541  
Ion Ratio Lower Upper  
146 100  
148 64.9 51.3 76.9  
111 44.4 36.6 55.0

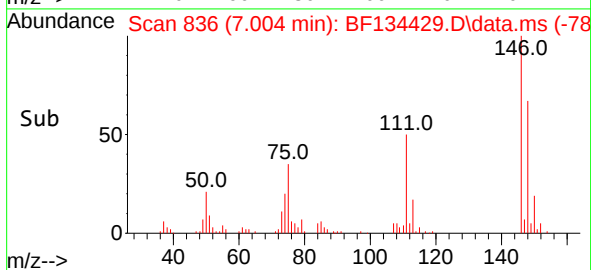
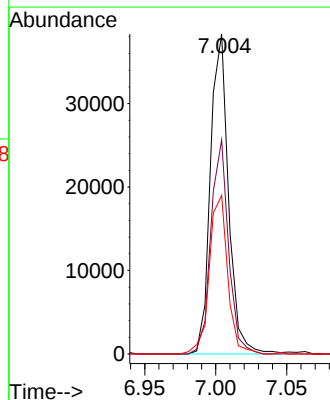
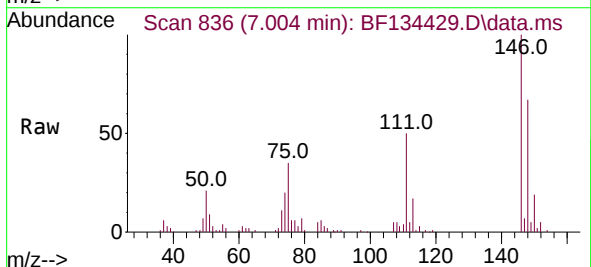
Manual Integrations  
APPROVED

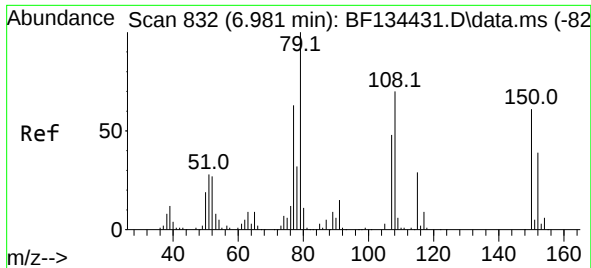
Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023



#14  
1,2-Dichlorobenzene  
Concen: 10.503 ng  
RT: 7.004 min Scan# 836  
Delta R.T. 0.000 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

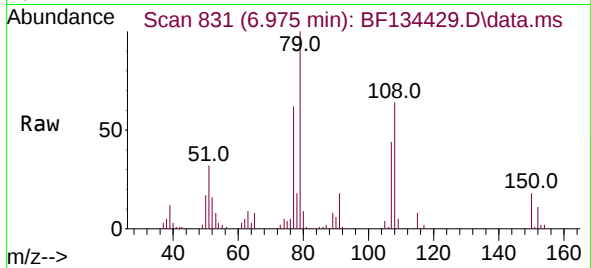
Tgt Ion:146 Resp: 33882  
Ion Ratio Lower Upper  
146 100  
148 66.9 51.2 76.8  
111 49.6 39.9 59.9





#15  
Benzyl Alcohol  
Concen: 9.892 ng m  
RT: 6.975 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

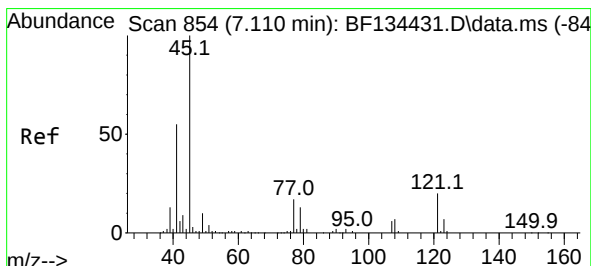
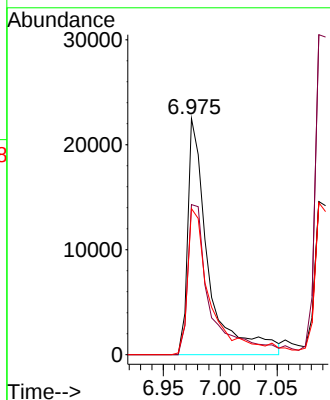
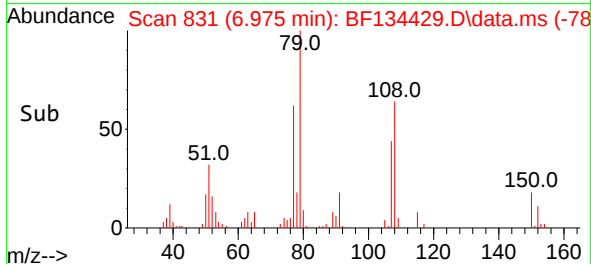
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



Tgt Ion: 79 Resp: 28384  
Ion Ratio Lower Upper  
79 100  
108 63.6 56.3 84.5  
77 61.9 50.6 76.0

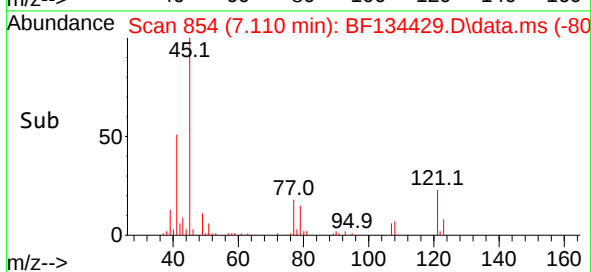
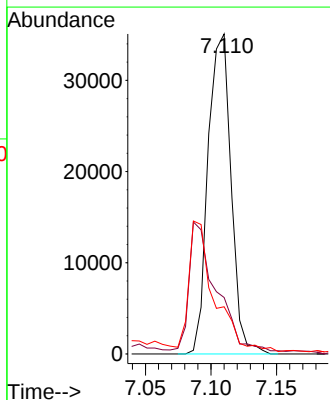
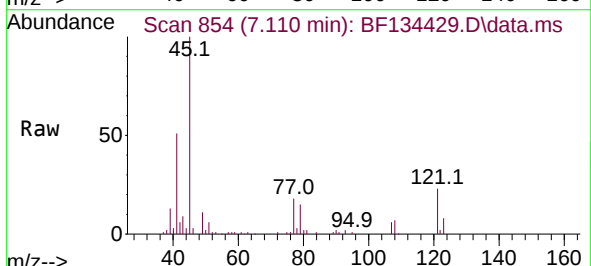
Manual Integrations  
APPROVED

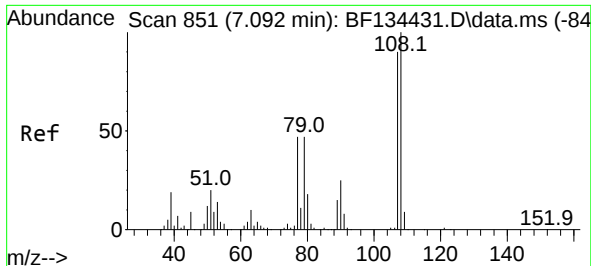
Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 10.668 ng  
RT: 7.110 min Scan# 854  
Delta R.T. 0.000 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Tgt Ion: 45 Resp: 42826  
Ion Ratio Lower Upper  
45 100  
77 17.6 0.0 37.8  
79 14.8 0.0 34.5





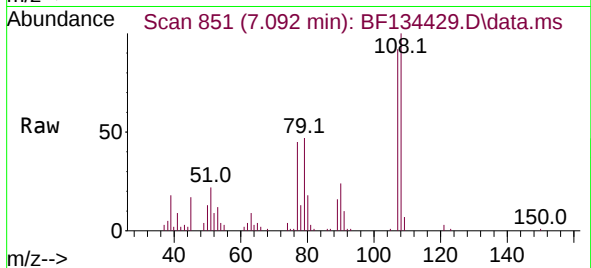
#17  
2-Methylphenol  
Concen: 10.168 ng  
RT: 7.092 min Scan# 851  
Delta R.T. 0.000 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010



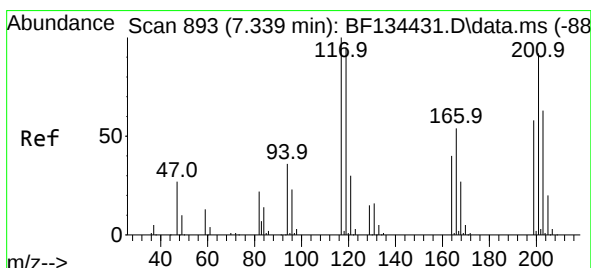
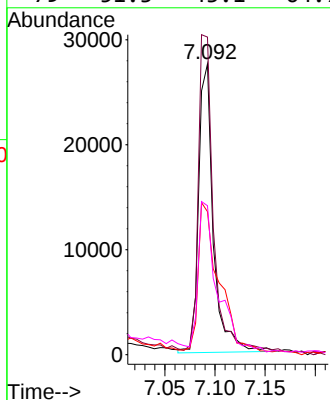
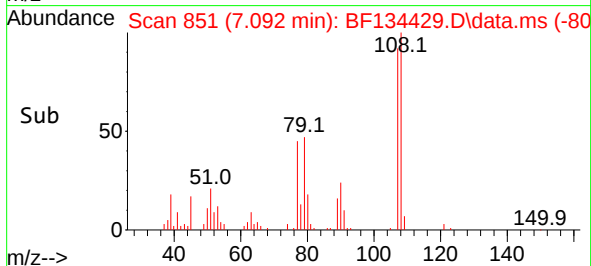
Tgt Ion:107 Resp: 2814  
Ion Ratio Lower Upper  
107 100  
108 109.3 89.4 134.2  
77 49.2 42.4 63.6  
79 51.3 43.1 64.7

Manual Integrations

APPROVED

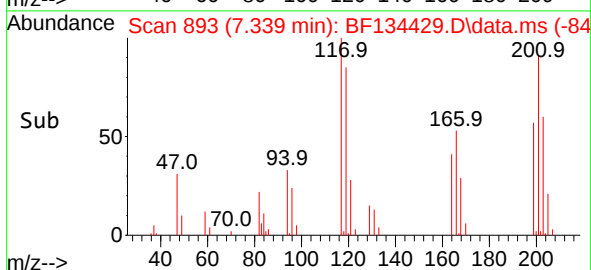
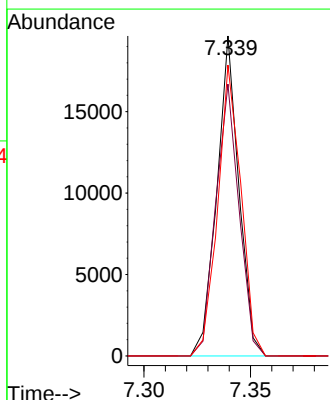
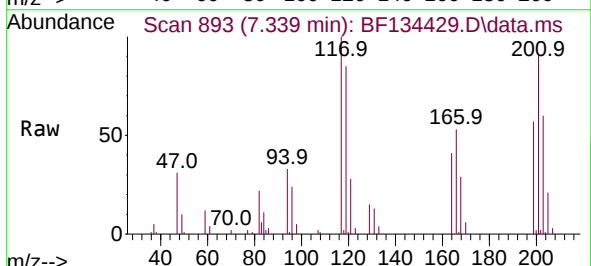
Reviewed By :Yogesh Patel 07/25/2023

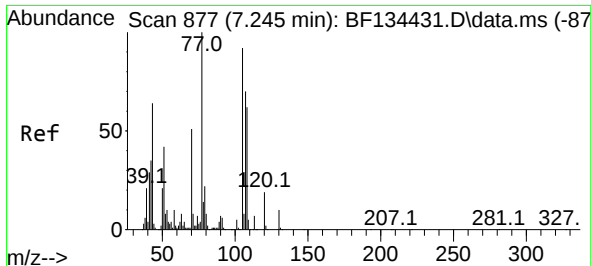
Supervised By :mohammad ahmed 07/25/2023



#18  
Hexachloroethane  
Concen: 10.717 ng  
RT: 7.339 min Scan# 893  
Delta R.T. 0.000 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Tgt Ion:117 Resp: 14139  
Ion Ratio Lower Upper  
117 100  
119 85.0 75.8 113.8  
201 90.9 73.6 110.4





#19  
n-Nitroso-di-n-propylamine  
Concen: 10.458 ng  
RT: 7.239 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Instrument :

BNA\_F

ClientSampleId :

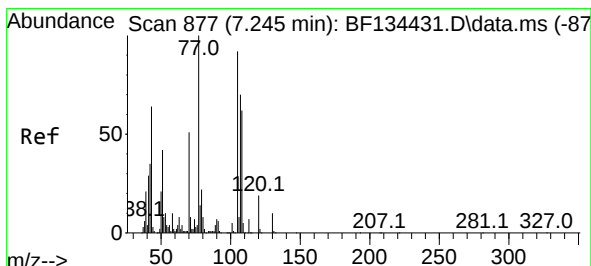
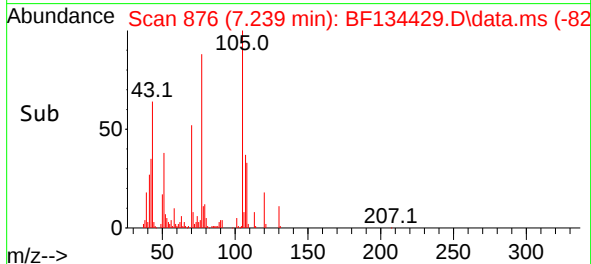
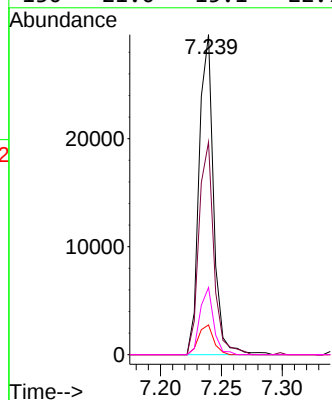
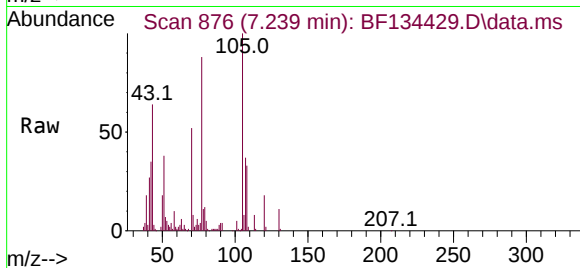
SSTDICC010

Tgt Ion: 70 Resp: 2443  
Ion Ratio Lower Upper  
70 100  
42 66.5 54.7 82.1  
101 9.3 8.2 12.2  
130 21.0 15.1 22.7

Manual Integrations

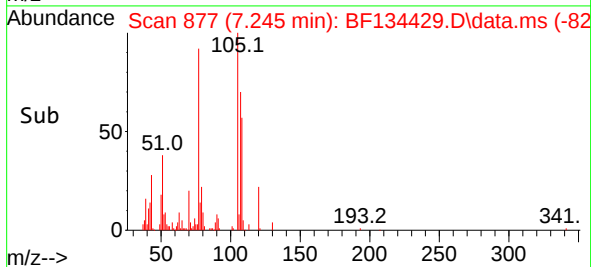
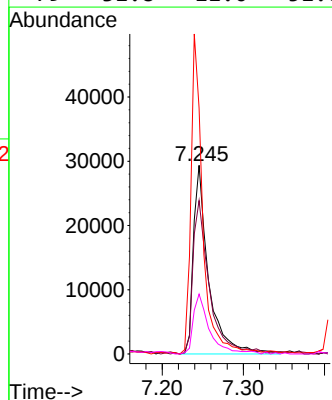
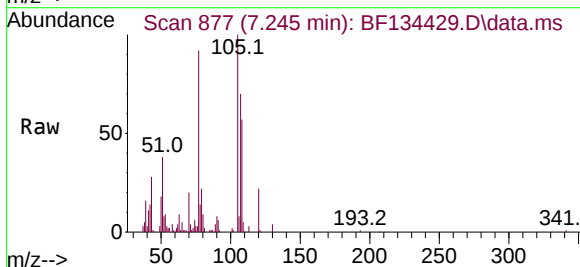
APPROVED

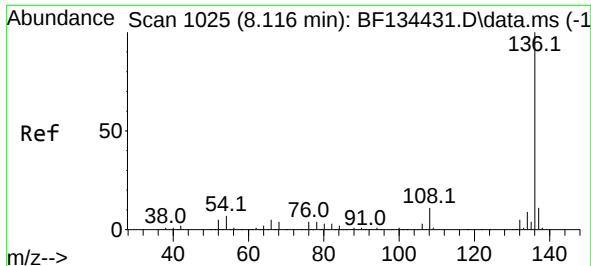
Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023



#20  
3+4-Methylphenols  
Concen: 10.844 ng  
RT: 7.245 min Scan# 877  
Delta R.T. 0.000 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Tgt Ion:107 Resp: 38425  
Ion Ratio Lower Upper  
107 100  
108 81.3 68.1 108.1  
77 130.4 122.1 162.1  
79 31.8 11.0 51.0





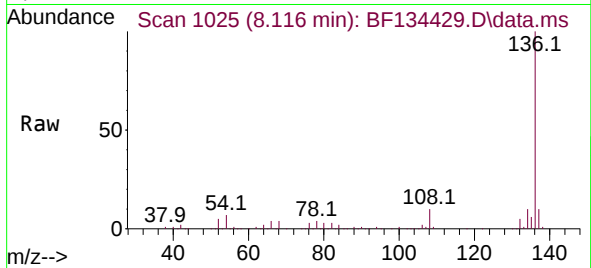
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.116 min Scan# 1025  
Delta R.T. 0.000 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010



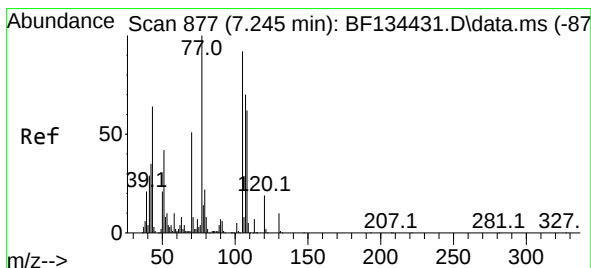
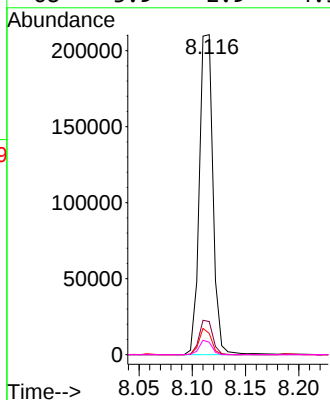
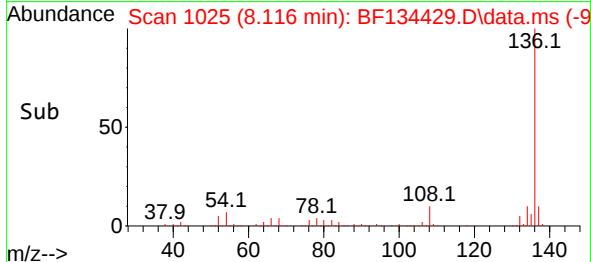
Tgt Ion:136 Resp: 18806  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.4 12.6  
54 6.7 5.2 7.8  
68 3.9 2.9 4.3

Manual Integrations

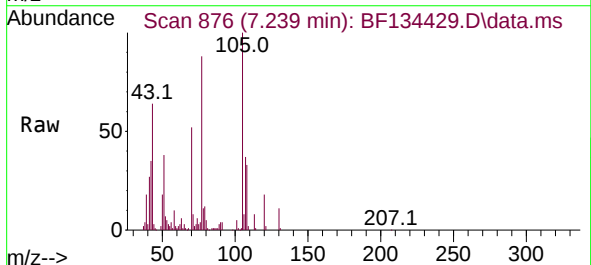
APPROVED

Reviewed By :Yogesh Patel 07/25/2023

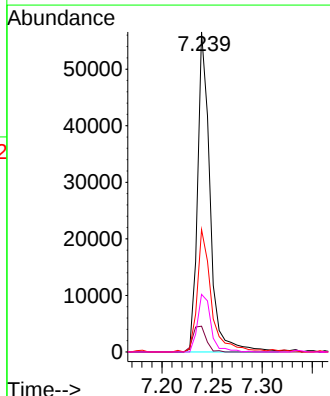
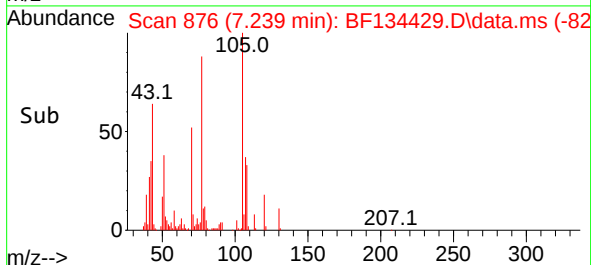
Supervised By :mohammad ahmed 07/25/2023

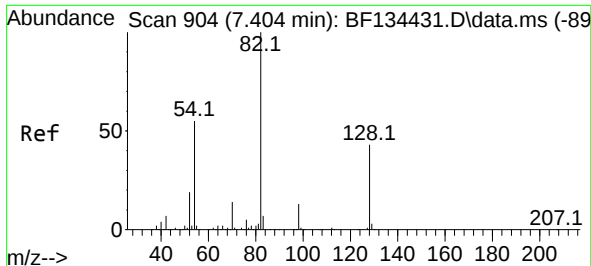


#22  
Acetophenone  
Concen: 10.504 ng  
RT: 7.239 min Scan# 876  
Delta R.T. -0.006 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53



Tgt Ion:105 Resp: 49129  
Ion Ratio Lower Upper  
105 100  
71 8.1 7.4 11.0  
51 38.2 36.4 54.6  
120 18.0 16.6 25.0





#23  
Nitrobenzene-d5  
Concen: 20.030 ng  
RT: 7.392 min Scan# 904  
Delta R.T. -0.012 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Instrument :

BNA\_F

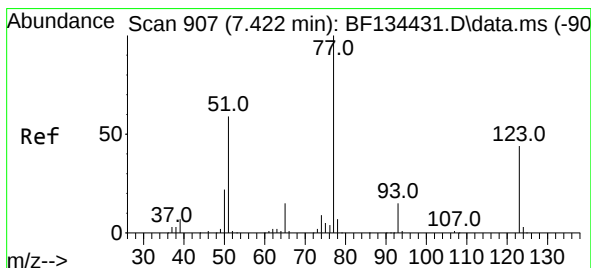
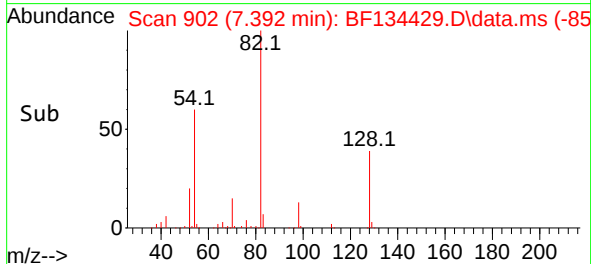
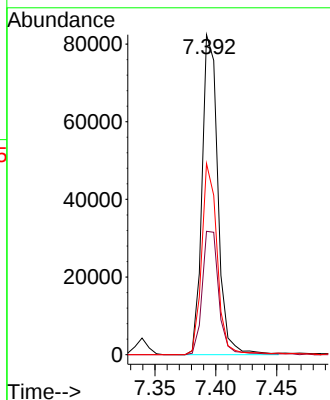
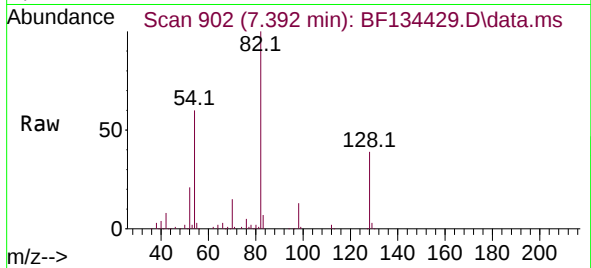
ClientSampleId :

SSTDICC010

Tgt Ion: 82 Resp: 74450  
Ion Ratio Lower Upper  
82 100  
128 38.6 34.3 51.5  
54 59.7 43.8 65.6

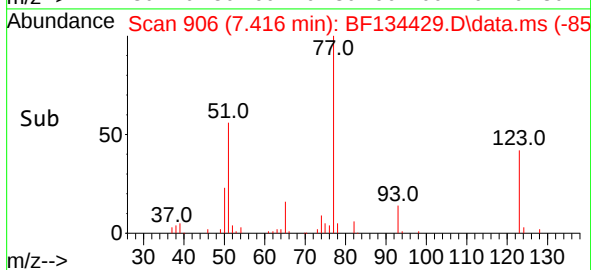
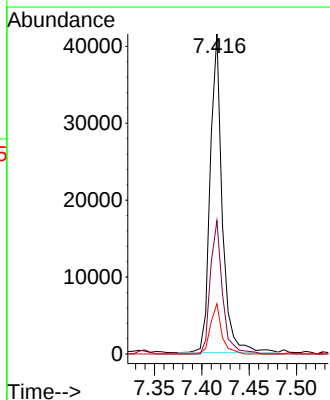
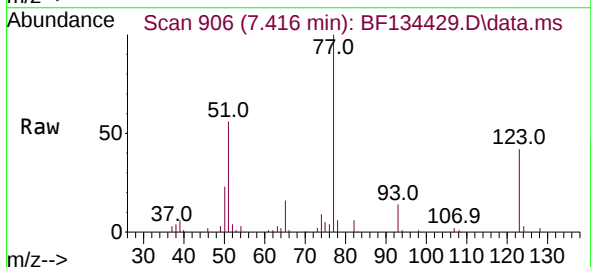
Manual Integrations  
APPROVED

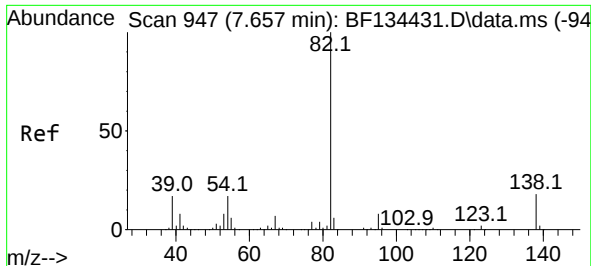
Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023



#24  
Nitrobenzene  
Concen: 9.928 ng  
RT: 7.416 min Scan# 906  
Delta R.T. -0.006 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Tgt Ion: 77 Resp: 36702  
Ion Ratio Lower Upper  
77 100  
123 41.7 35.5 53.3  
65 15.7 11.9 17.9





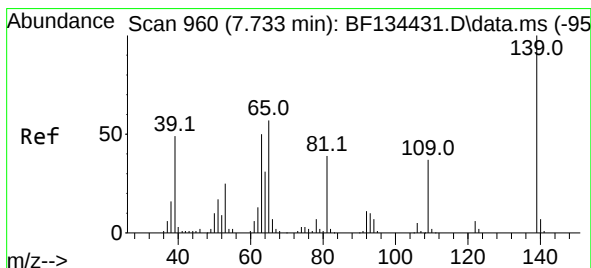
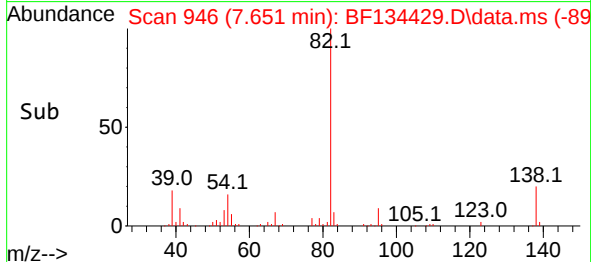
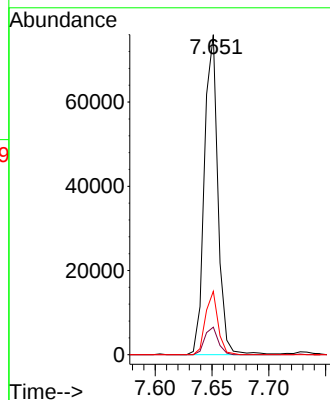
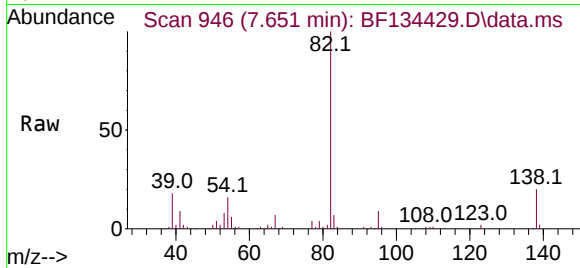
#25  
Isophorone  
Concen: 10.173 ng  
RT: 7.651 min Scan# 94  
Delta R.T. -0.006 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Instrument :  
BNA\_F  
Client Sample Id :  
SSTDICC010

Tgt Ion: 82 Resp: 63024  
Ion Ratio Lower Upper  
82 100  
95 8.6 6.0 9.0  
138 19.8 14.6 22.0

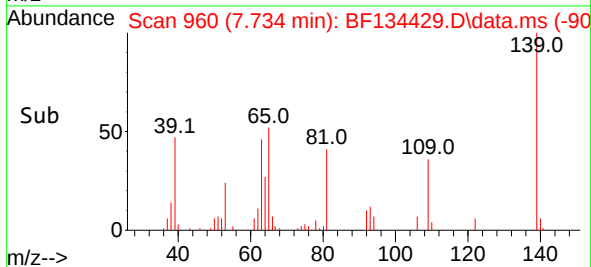
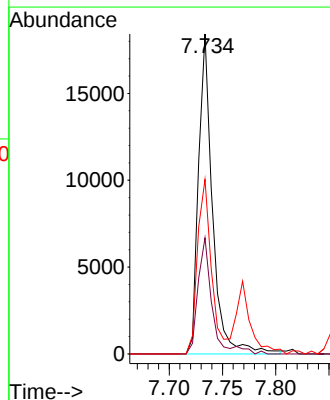
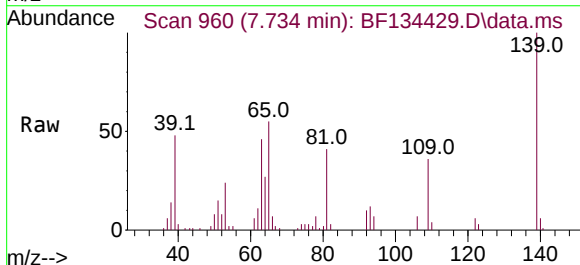
Manual Integrations  
APPROVED

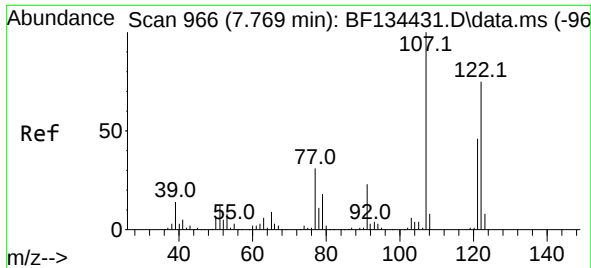
Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023



#26  
2-Nitrophenol  
Concen: 9.977 ng  
RT: 7.734 min Scan# 960  
Delta R.T. 0.000 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Tgt Ion:139 Resp: 16963  
Ion Ratio Lower Upper  
139 100  
109 36.3 29.8 44.6  
65 54.6 45.4 68.2





#27  
2,4-Dimethylphenol  
Concen: 10.278 ng  
RT: 7.769 min Scan# 966  
Delta R.T. 0.000 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Instrument :

BNA\_F

ClientSampleId :

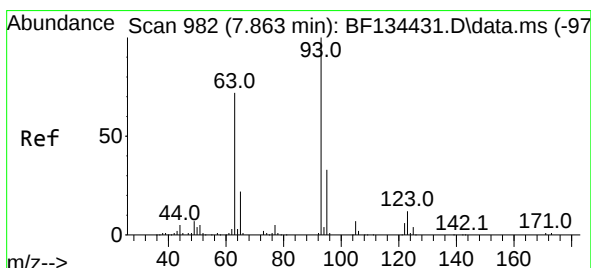
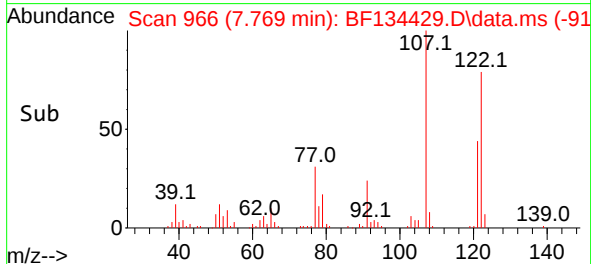
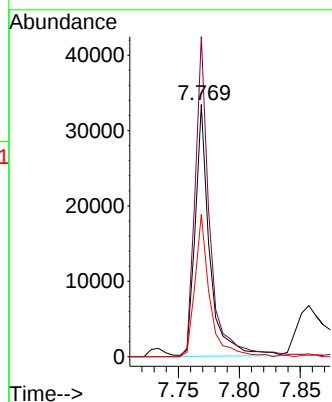
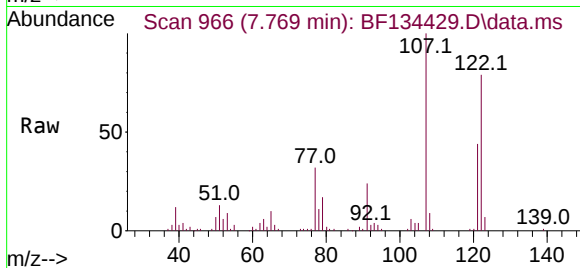
SSTDICC010

Tgt Ion:122 Resp: 27579  
Ion Ratio Lower Upper  
122 100  
107 126.9 106.7 160.1  
121 56.4 49.0 73.6

Manual Integrations

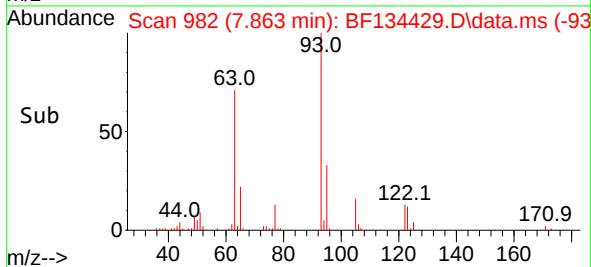
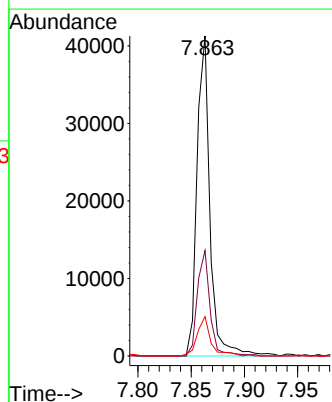
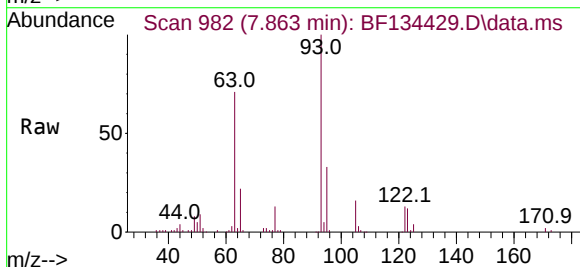
APPROVED

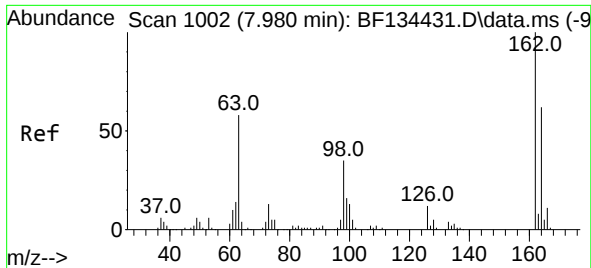
Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023



#28  
bis(2-Chloroethoxy)methane  
Concen: 10.102 ng  
RT: 7.863 min Scan# 982  
Delta R.T. 0.000 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Tgt Ion: 93 Resp: 34833  
Ion Ratio Lower Upper  
93 100  
95 33.0 26.5 39.7  
123 12.3 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 10.275 ng

RT: 7.981 min Scan# 1002

Delta R.T. 0.000 min

Lab File: BF134429.D

Acq: 24 Jul 2023 14:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

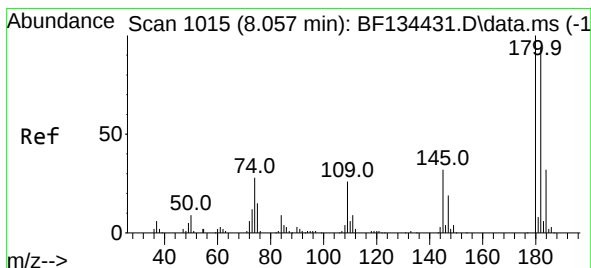
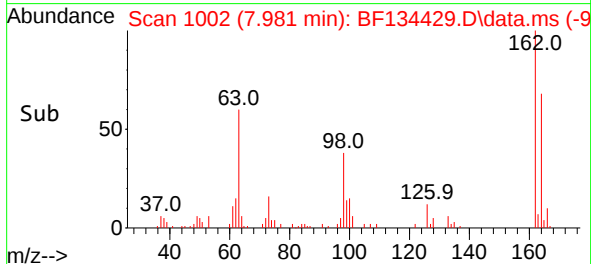
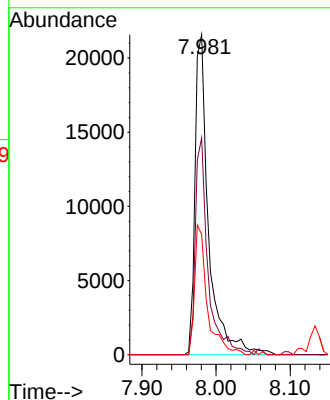
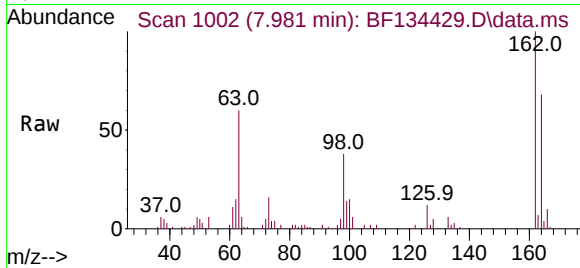
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 162   | Resp: | 27560 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 164       | 67.7  | 42.2  | 82.2  |
| 98        | 37.6  | 15.5  | 55.5  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#30

1,2,4-Trichlorobenzene

Concen: 10.313 ng

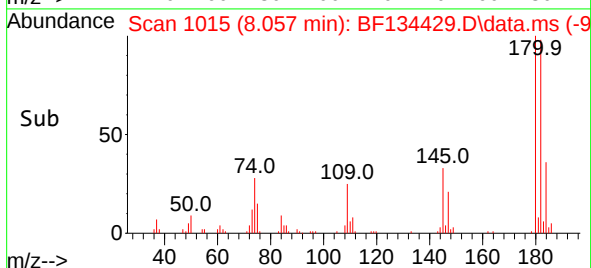
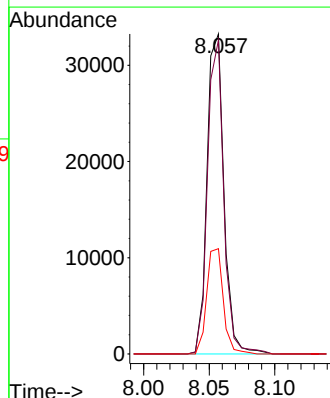
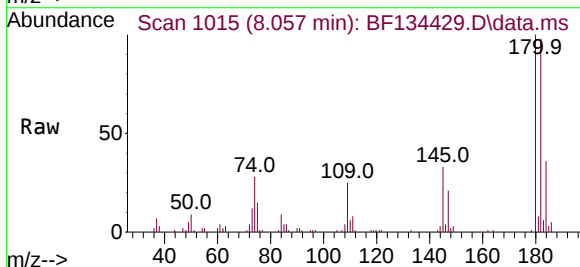
RT: 8.057 min Scan# 1015

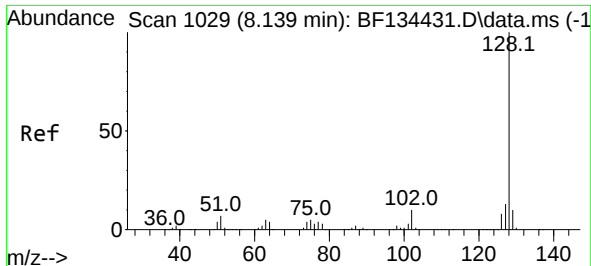
Delta R.T. 0.000 min

Lab File: BF134429.D

Acq: 24 Jul 2023 14:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 29839 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 98.1  | 75.0  | 112.6 |
| 145       | 32.9  | 25.5  | 38.3  |





#31  
Naphthalene  
Concen: 10.470 ng  
RT: 8.133 min Scan# 1029  
Delta R.T. -0.006 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Instrument :

BNA\_F

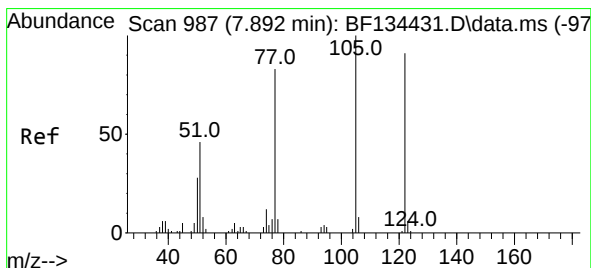
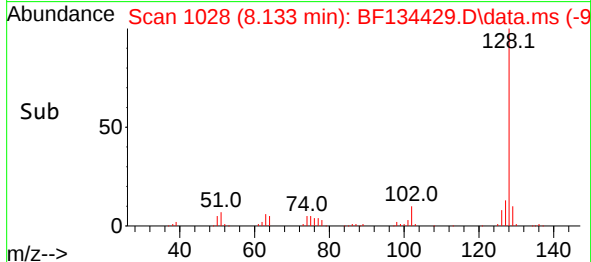
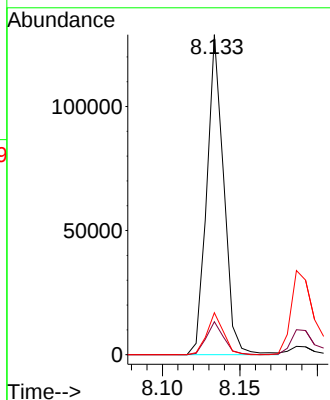
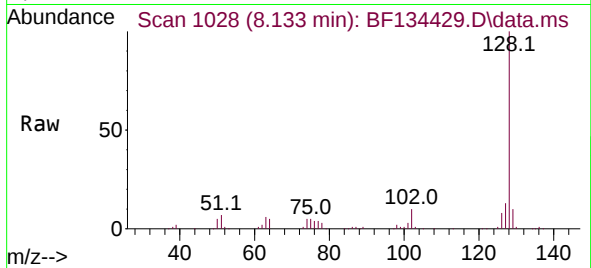
ClientSampleId :

SSTDIC010

Tgt Ion:128 Resp: 9799  
Ion Ratio Lower Upper  
128 100  
129 10.3 8.4 12.6  
127 13.1 10.7 16.1

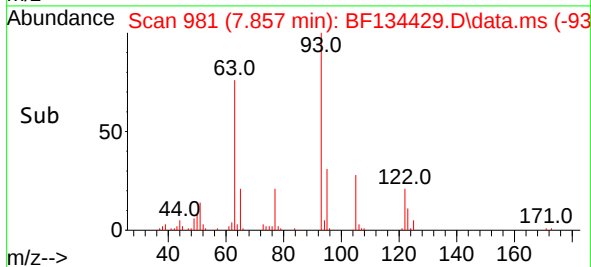
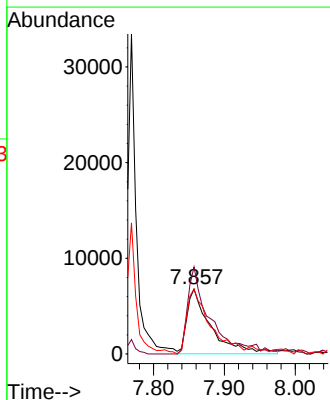
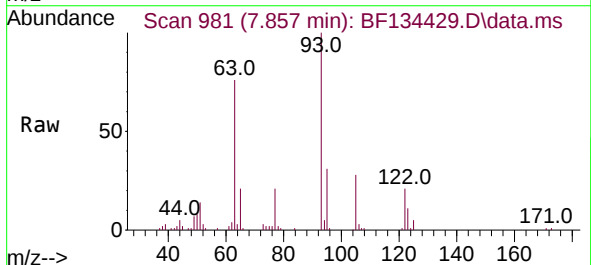
Manual Integrations  
APPROVED

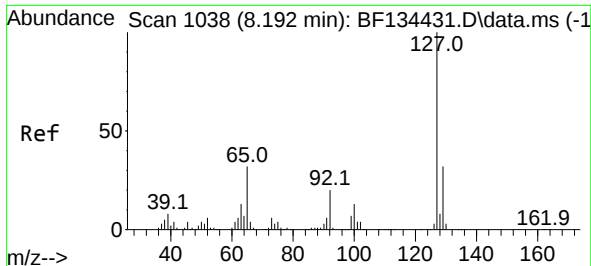
Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023



#32  
Benzoic acid  
Concen: 8.903 ng m  
RT: 7.857 min Scan# 981  
Delta R.T. -0.035 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Tgt Ion:122 Resp: 15774  
Ion Ratio Lower Upper  
122 100  
105 134.3 87.5 127.5#  
77 100.3 71.4 111.4





#33  
4-Chloroaniline  
Concen: 10.146 ng  
RT: 8.186 min Scan# 1037  
Delta R.T. -0.006 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Instrument :

BNA\_F

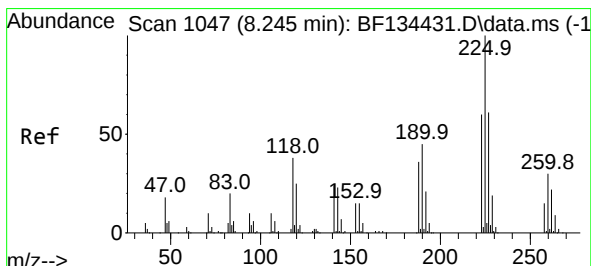
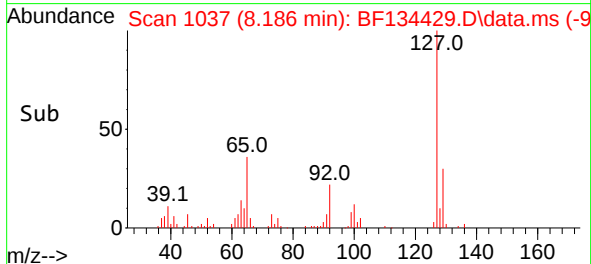
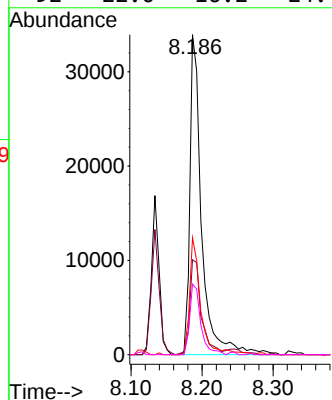
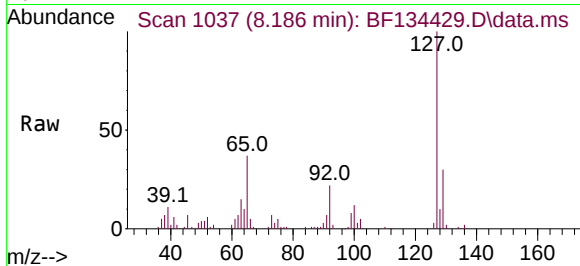
ClientSampleId :

SSTDICC010

Tgt Ion:127 Resp: 3925  
Ion Ratio Lower Upper  
127 100  
129 29.7 25.6 38.4  
65 36.6 25.4 38.0  
92 22.0 16.2 24.4

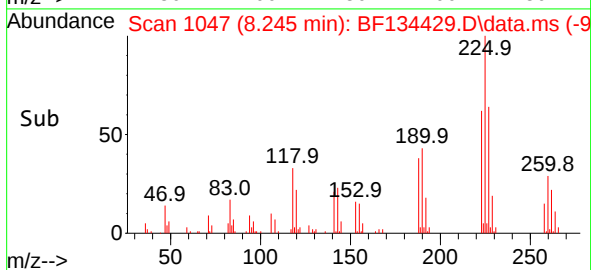
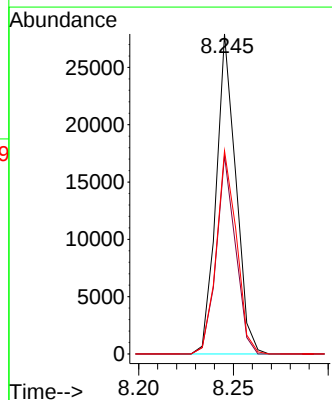
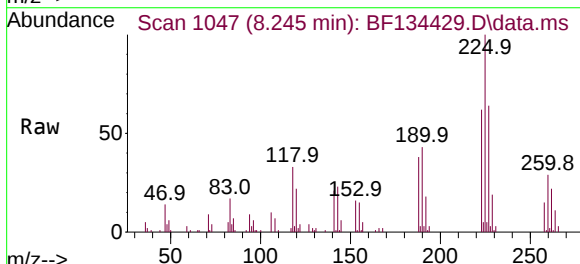
Manual Integrations  
APPROVED

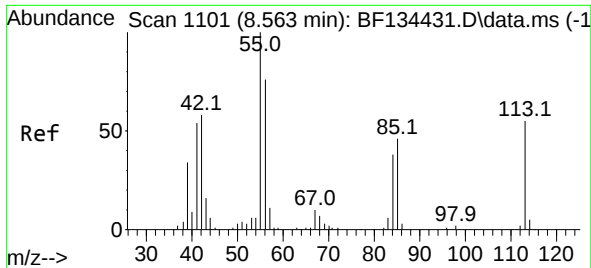
Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023



#34  
Hexachlorobutadiene  
Concen: 10.425 ng  
RT: 8.245 min Scan# 1047  
Delta R.T. 0.000 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Tgt Ion:225 Resp: 20206  
Ion Ratio Lower Upper  
225 100  
223 62.0 48.2 72.4  
227 63.5 48.5 72.7





#35  
Caprolactam  
Concen: 10.512 ng  
RT: 8.533 min Scan# 1096  
Delta R.T. -0.029 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Instrument :

BNA\_F

ClientSampleId :

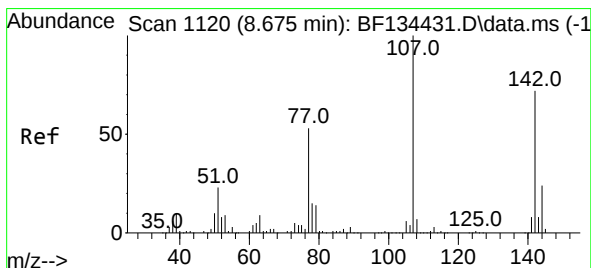
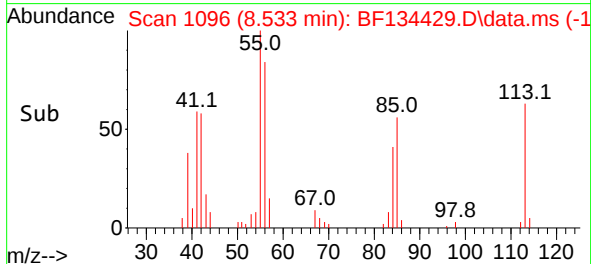
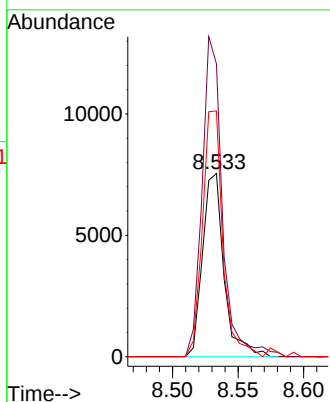
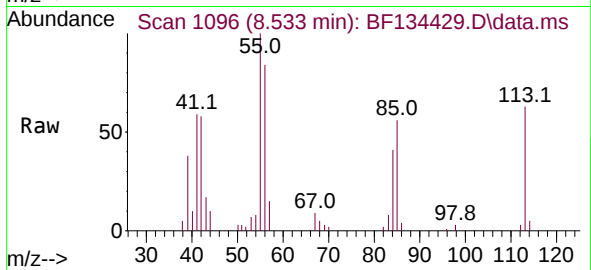
SSTDICC010

Tgt Ion:113 Resp: 8609  
Ion Ratio Lower Upper  
113 100  
55 159.8 161.5 201.5  
56 134.2 117.8 157.8

Manual Integrations

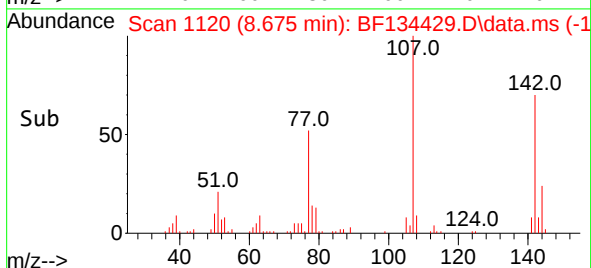
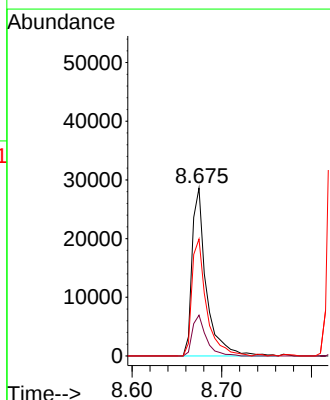
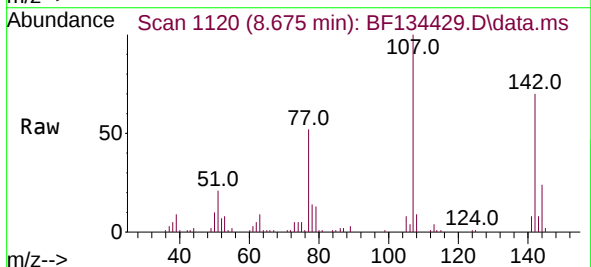
APPROVED

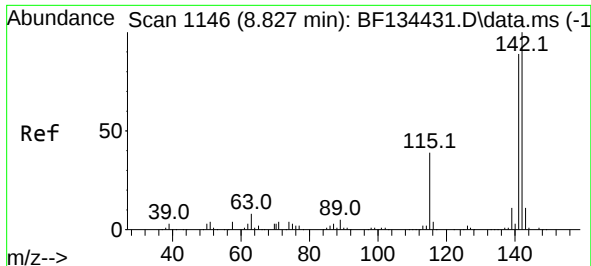
Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023



#36  
4-Chloro-3-methylphenol  
Concen: 10.202 ng  
RT: 8.675 min Scan# 1120  
Delta R.T. 0.000 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Tgt Ion:107 Resp: 31575  
Ion Ratio Lower Upper  
107 100  
144 24.3 19.6 29.4  
142 69.7 57.7 86.5





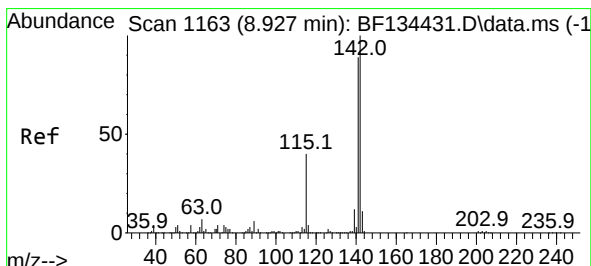
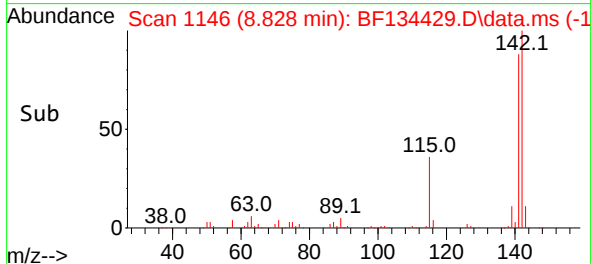
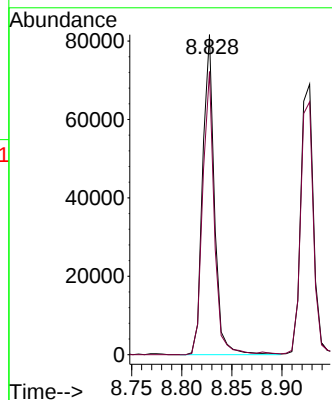
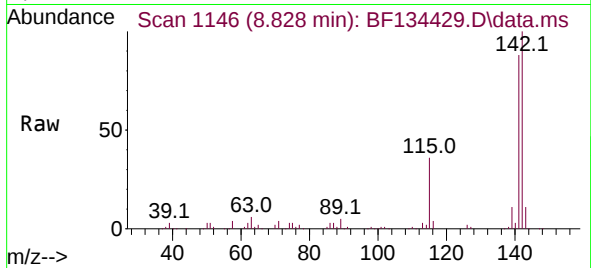
#37  
2-Methylnaphthalene  
Concen: 10.274 ng  
RT: 8.828 min Scan# 1146  
Delta R.T. 0.000 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

Tgt Ion:142 Resp: 6681  
Ion Ratio Lower Upper  
142 100  
141 88.5 70.8 106.2

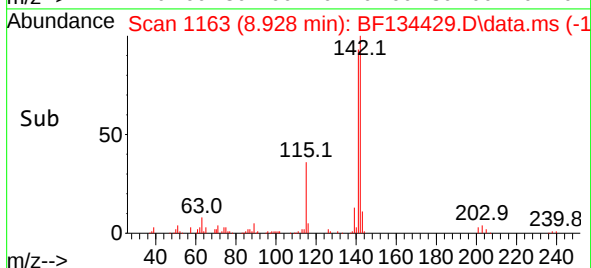
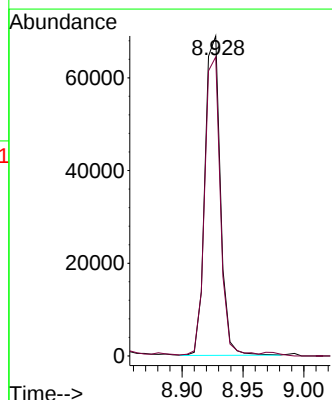
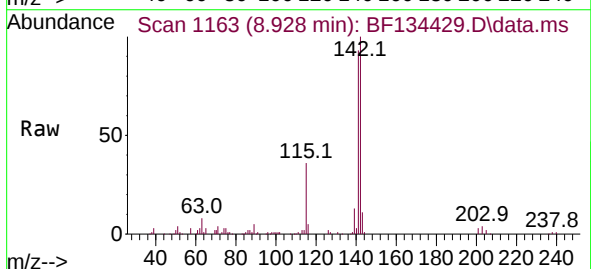
Manual Integrations  
APPROVED

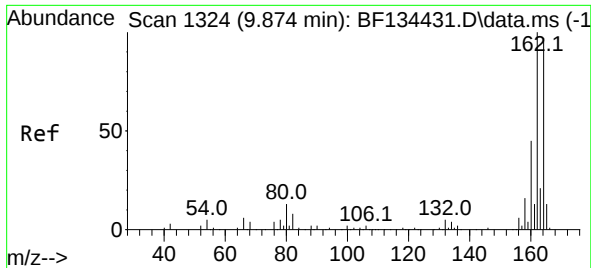
Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023



#38  
1-Methylnaphthalene  
Concen: 10.045 ng  
RT: 8.928 min Scan# 1163  
Delta R.T. 0.000 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Tgt Ion:142 Resp: 60604  
Ion Ratio Lower Upper  
142 100  
141 93.4 71.4 107.2





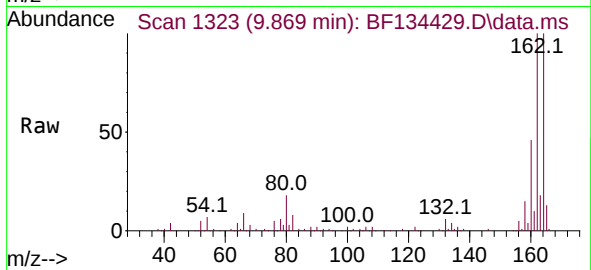
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.869 min Scan# 1174  
Delta R.T. -0.006 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

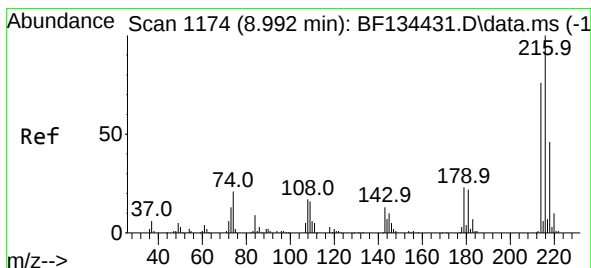
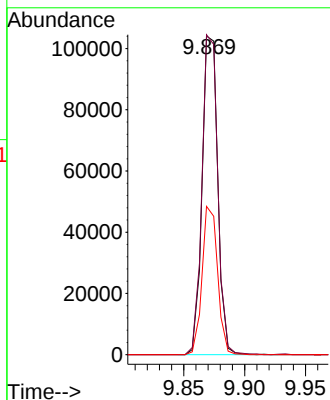
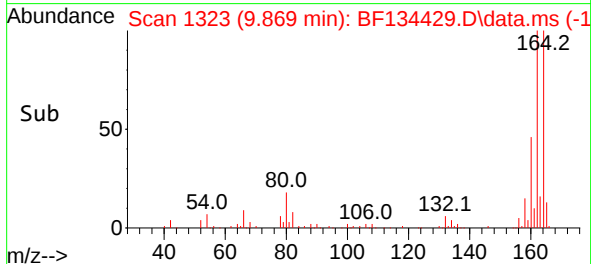


Tgt Ion:164 Resp: 92918  
Ion Ratio Lower Upper  
164 100  
162 100.4 82.6 123.8  
160 46.5 37.2 55.8

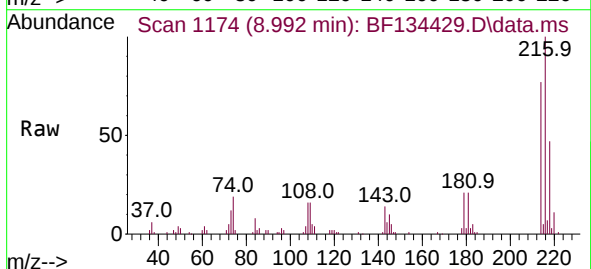
Manual Integrations

APPROVED

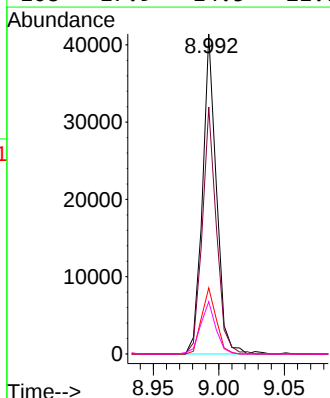
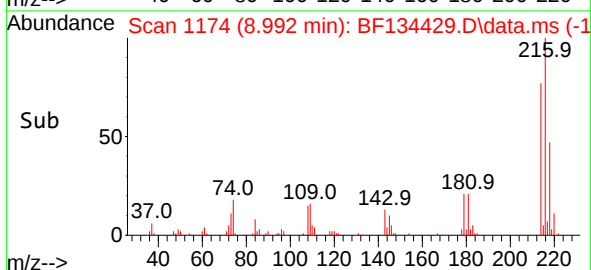
Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023

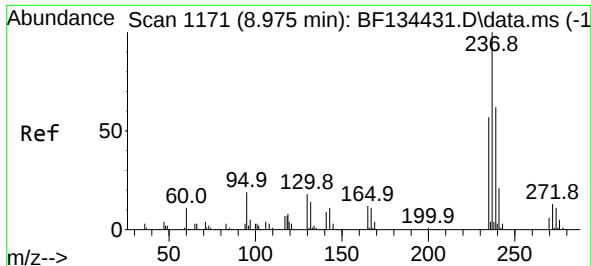


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 10.429 ng  
RT: 8.992 min Scan# 1174  
Delta R.T. 0.000 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53



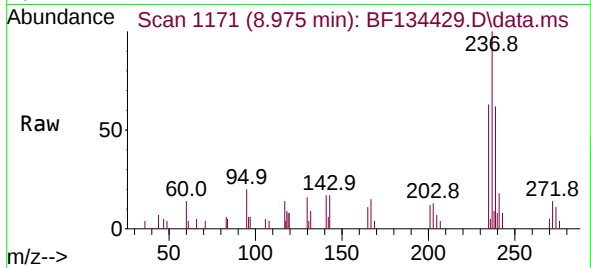
Tgt Ion:216 Resp: 30709  
Ion Ratio Lower Upper  
216 100  
214 78.0 62.3 93.5  
179 21.7 17.4 26.0  
108 17.9 14.5 21.7





#41  
Hexachlorocyclopentadiene  
Concen: 10.522 ng  
RT: 8.975 min Scan# 1171  
Delta R.T. -0.000 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

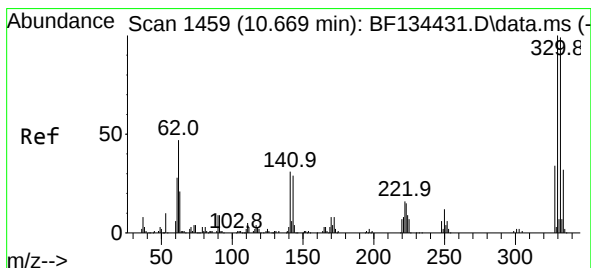
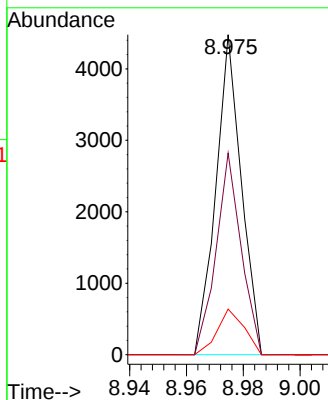
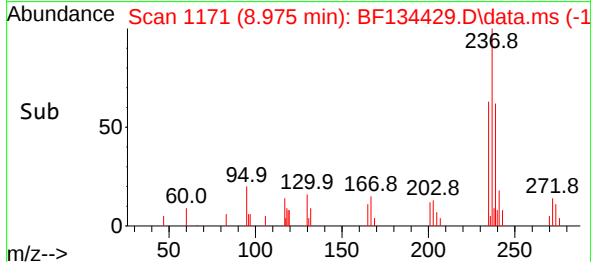
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



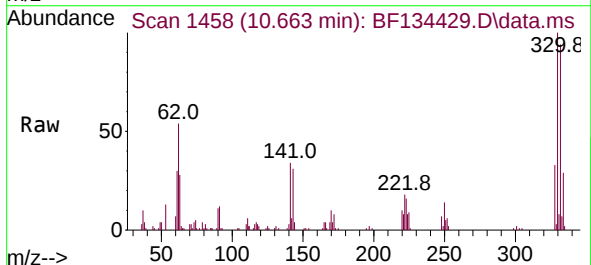
Tgt Ion:237 Resp: 2790  
Ion Ratio Lower Upper  
237 100  
235 63.0 37.0 77.0  
272 14.3 0.0 32.7

Manual Integrations  
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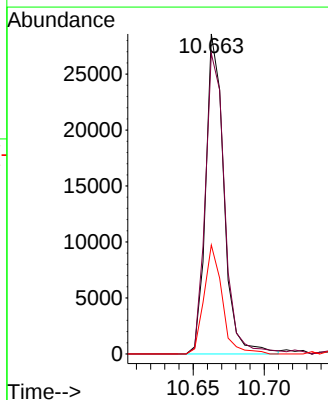
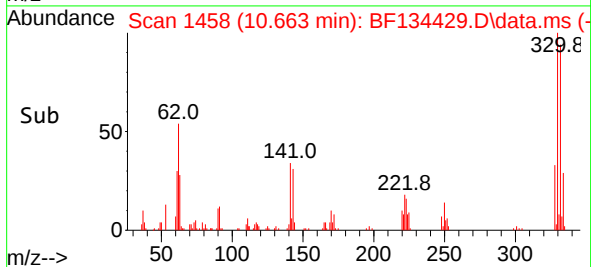
Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023

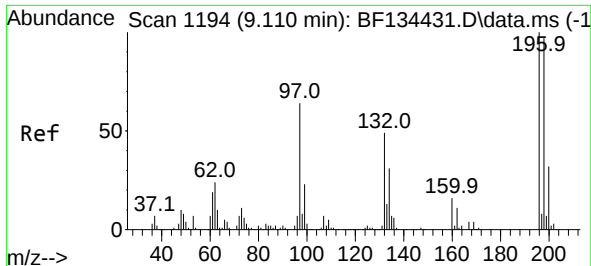


#42  
2,4,6-Tribromophenol  
Concen: 19.292 ng  
RT: 10.663 min Scan# 1458  
Delta R.T. -0.006 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53



Tgt Ion:330 Resp: 25469  
Ion Ratio Lower Upper  
330 100  
332 101.1 78.8 118.2  
141 33.9 25.4 38.2





#43

2,4,6-Trichlorophenol

Concen: 10.066 ng

RT: 9.110 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF134429.D

Acq: 24 Jul 2023 14:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

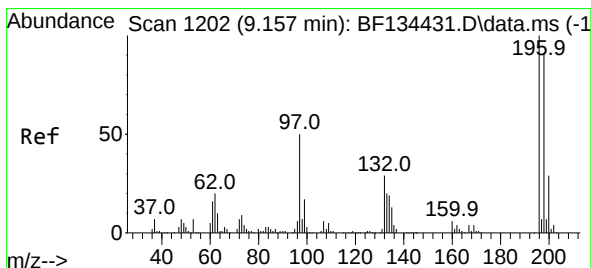
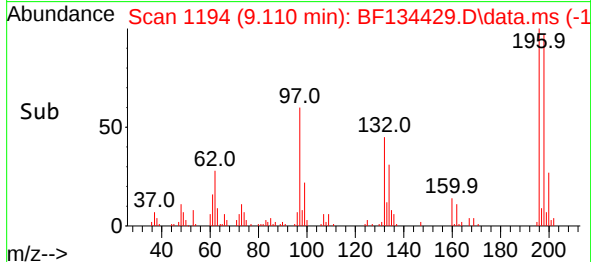
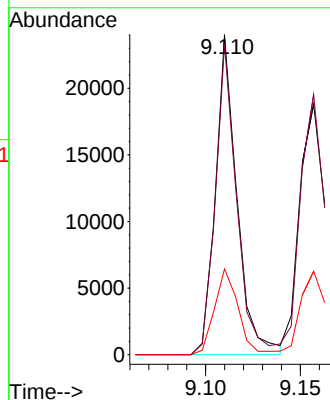
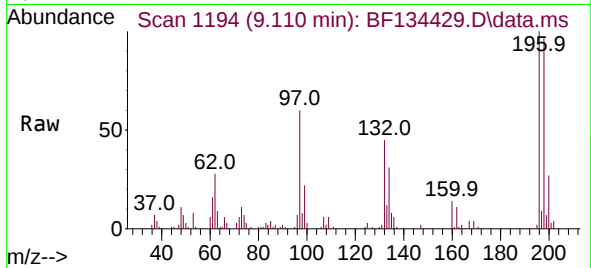
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:196 | Resp: | 1901       |
| Ion Ratio   | Lower | Upper      |
| 196         | 100   |            |
| 198         | 96.9  | 77.4 116.2 |
| 200         | 26.8  | 25.4 38.2  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#44

2,4,5-Trichlorophenol

Concen: 9.541 ng

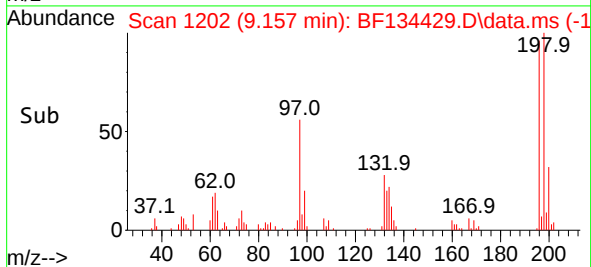
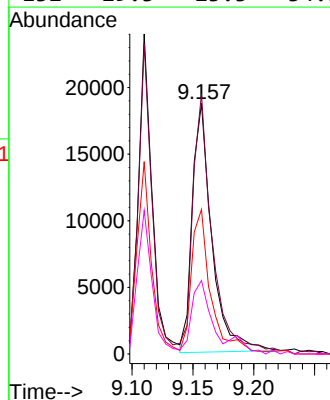
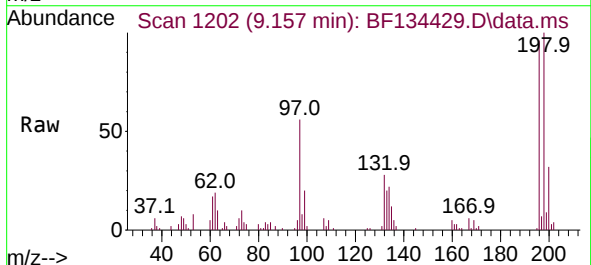
RT: 9.157 min Scan# 1202

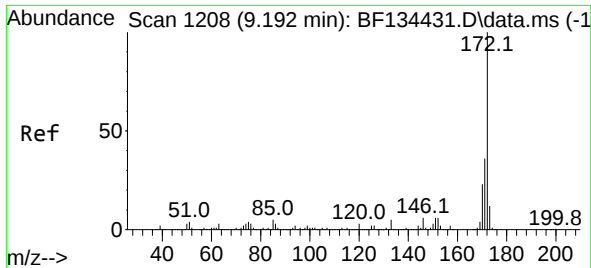
Delta R.T. 0.000 min

Lab File: BF134429.D

Acq: 24 Jul 2023 14:53

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:196 | Resp: | 20999      |
| Ion Ratio   | Lower | Upper      |
| 196         | 100   |            |
| 198         | 103.9 | 73.0 109.4 |
| 97          | 57.7  | 40.8 61.2  |
| 132         | 29.3  | 23.3 34.9  |





#45

2-Fluorobiphenyl

Concen: 20.927 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF134429.D

Acq: 24 Jul 2023 14:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion:172 Resp: 148110

Ion Ratio Lower Upper

172 100

171 34.5 28.8 43.2

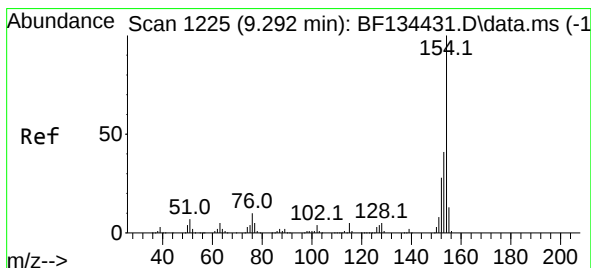
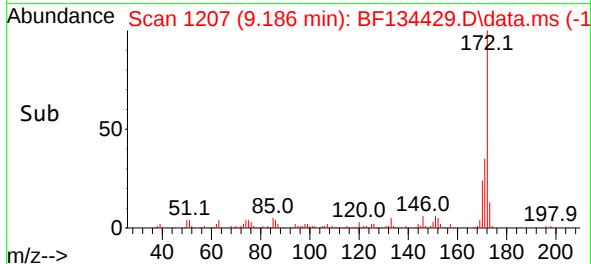
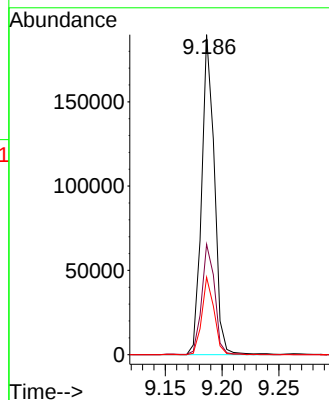
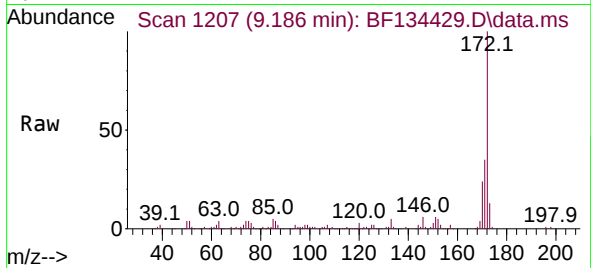
170 24.2 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#46

1,1'-Biphenyl

Concen: 10.184 ng

RT: 9.292 min Scan# 1225

Delta R.T. 0.000 min

Lab File: BF134429.D

Acq: 24 Jul 2023 14:53

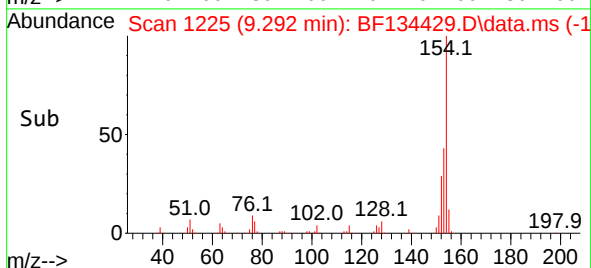
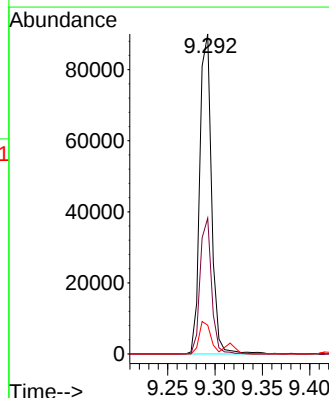
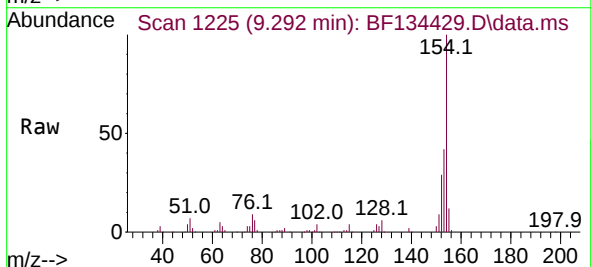
Tgt Ion:154 Resp: 77991

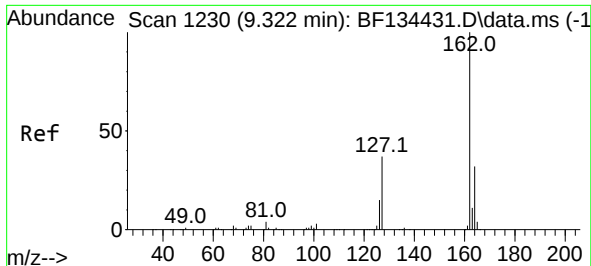
Ion Ratio Lower Upper

154 100

153 42.4 20.8 60.8

76 9.0 0.0 30.2





#47

2-Chloronaphthalene

Concen: 10.273 ng

RT: 9.316 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BF134429.D

Acq: 24 Jul 2023 14:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

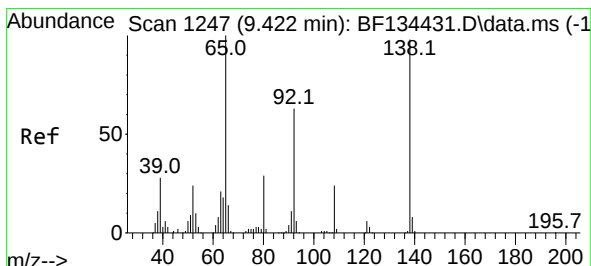
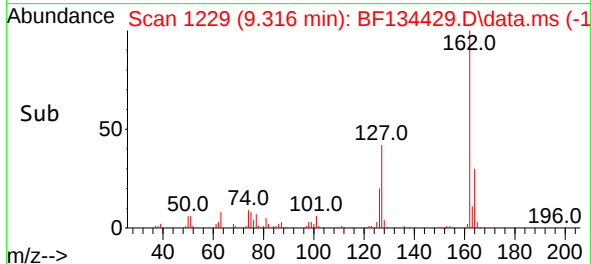
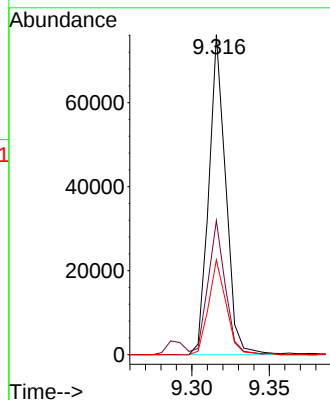
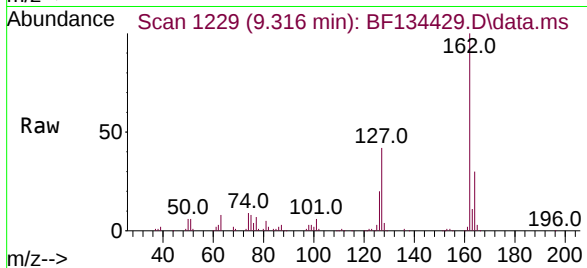
Tgt Ion:162 Resp: 5800  
 Ion Ratio Lower Upper  
 162 100  
 127 41.9 34.0 51.0  
 164 29.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#48

2-Nitroaniline

Concen: 9.546 ng

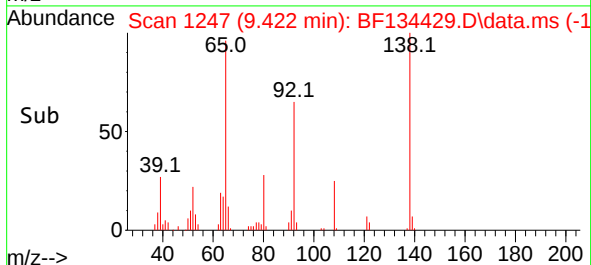
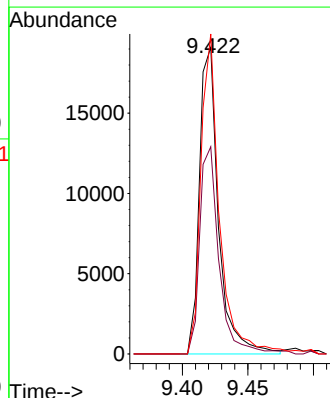
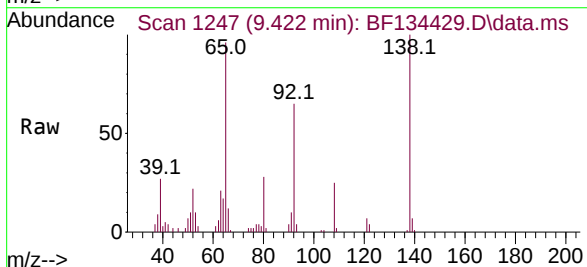
RT: 9.422 min Scan# 1247

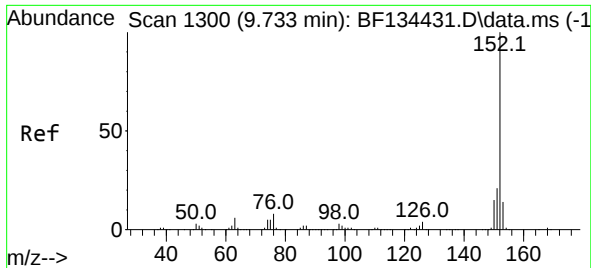
Delta R.T. 0.000 min

Lab File: BF134429.D

Acq: 24 Jul 2023 14:53

Tgt Ion: 65 Resp: 19410  
 Ion Ratio Lower Upper  
 65 100  
 92 67.6 50.7 76.1  
 138 104.4 78.2 117.4





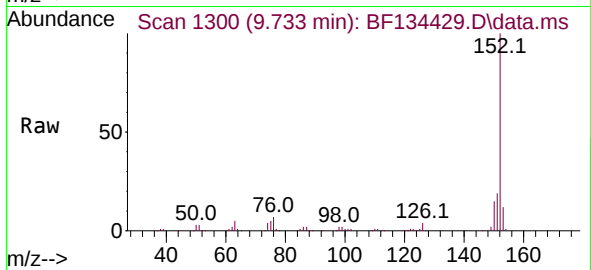
#49  
Acenaphthylene  
Concen: 10.296 ng  
RT: 9.733 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010



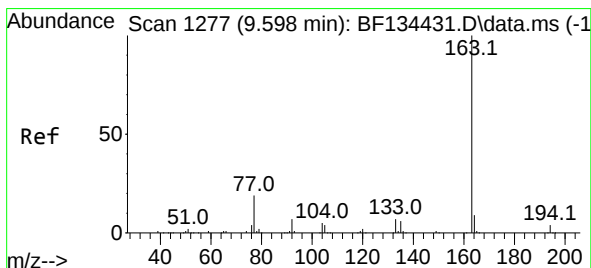
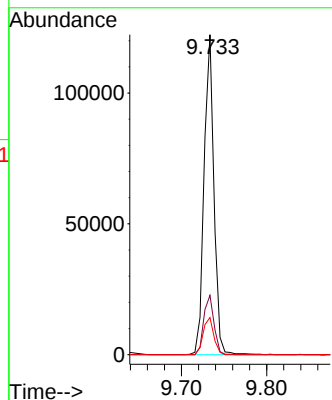
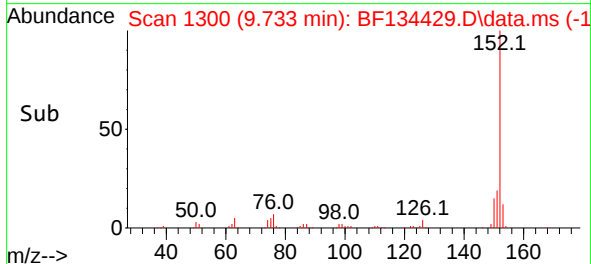
Tgt Ion:152 Resp: 98204  
Ion Ratio Lower Upper  
152 100  
151 18.6 16.4 24.6  
153 11.6 10.9 16.3

Manual Integrations

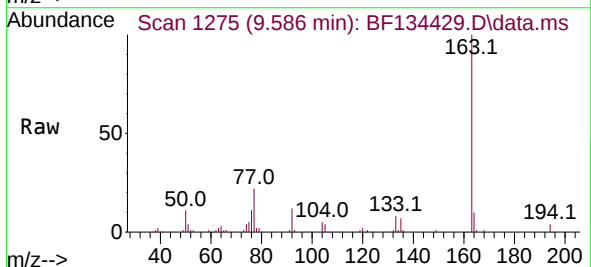
APPROVED

Reviewed By :Yogesh Patel 07/25/2023

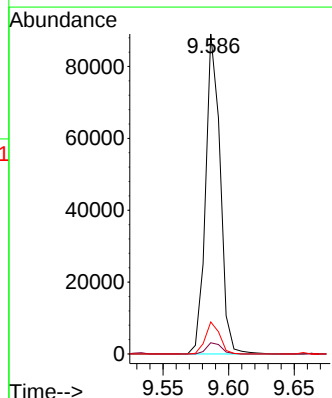
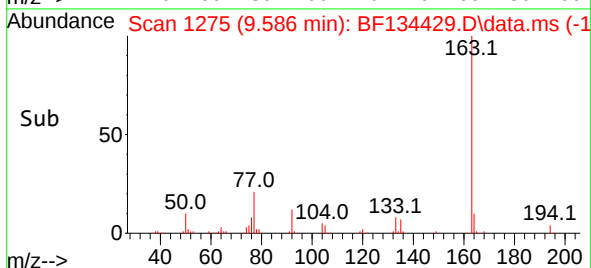
Supervised By :mohammad ahmed 07/25/2023

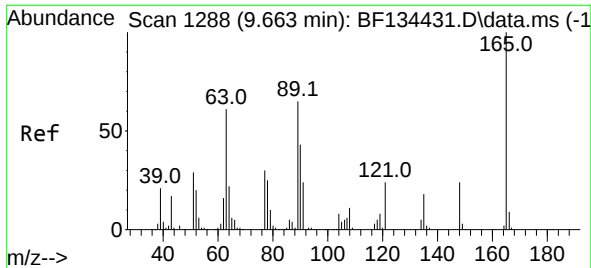


#50  
Dimethylphthalate  
Concen: 10.037 ng  
RT: 9.586 min Scan# 1275  
Delta R.T. -0.012 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53



Tgt Ion:163 Resp: 69138  
Ion Ratio Lower Upper  
163 100  
194 3.5 3.3 4.9  
164 10.0 7.5 11.3





#51  
2,6-Dinitrotoluene  
Concen: 9.726 ng  
RT: 9.657 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Instrument :

BNA\_F

ClientSampleId :

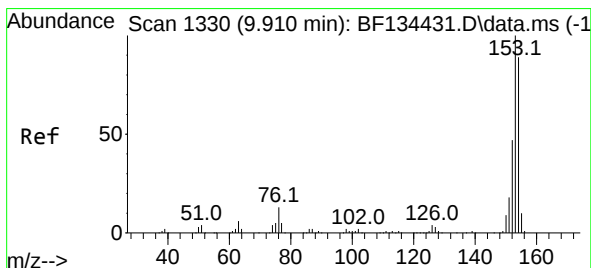
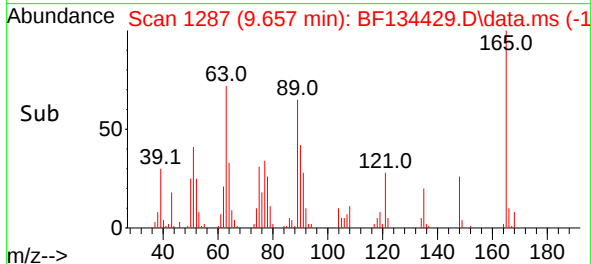
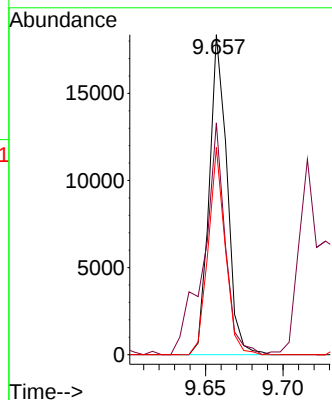
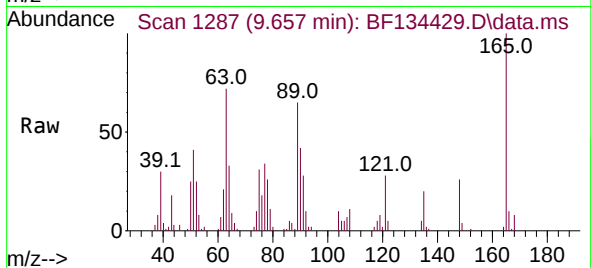
SSTDICC010

Tgt Ion:165 Resp: 14700  
Ion Ratio Lower Upper  
165 100  
63 72.5 57.8 86.6  
89 64.7 51.8 77.8

Manual Integrations

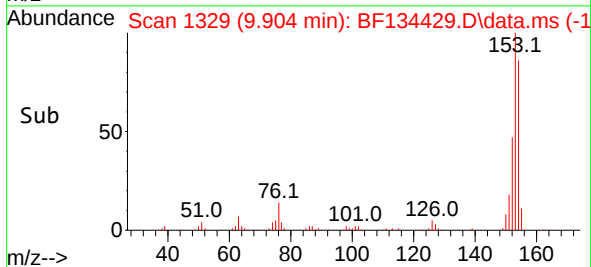
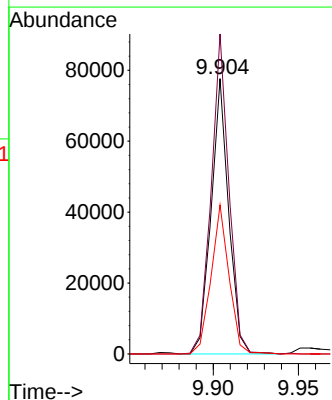
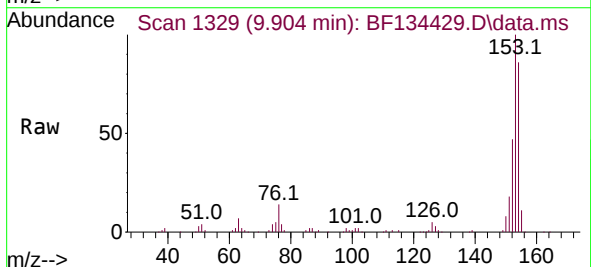
APPROVED

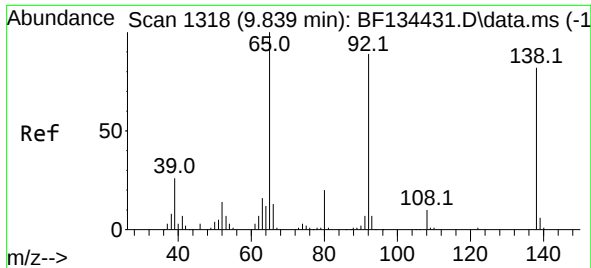
Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023



#52  
Acenaphthene  
Concen: 9.892 ng  
RT: 9.904 min Scan# 1329  
Delta R.T. -0.006 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

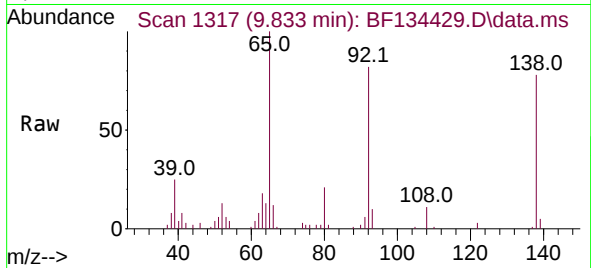
Tgt Ion:154 Resp: 55738  
Ion Ratio Lower Upper  
154 100  
153 116.2 90.0 135.0  
152 54.1 42.4 63.6





#53  
3-Nitroaniline  
Concen: 10.045 ng  
RT: 9.833 min Scan# 1317  
Delta R.T. -0.006 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

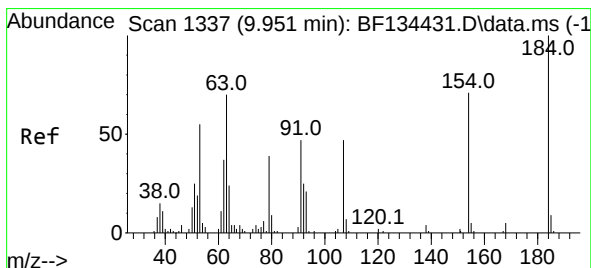
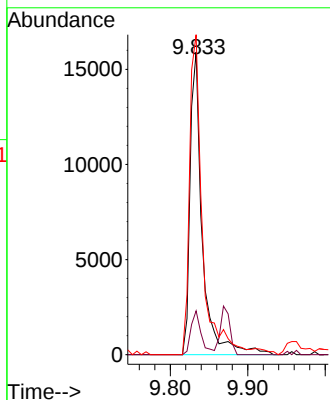
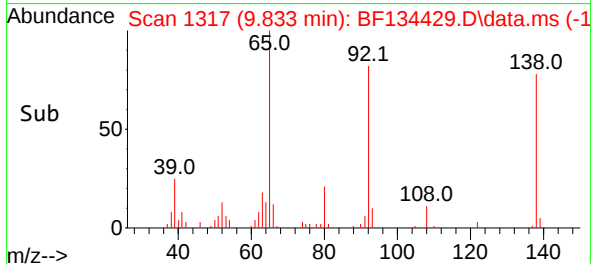
Instrument :  
BNA\_F  
Client Sample Id :  
SSTDICC010



Tgt Ion:138 Resp: 1740  
Ion Ratio Lower Upper  
138 100  
108 14.5 9.3 13.9  
92 105.7 86.6 129.8

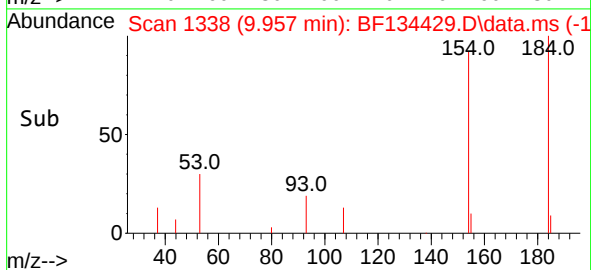
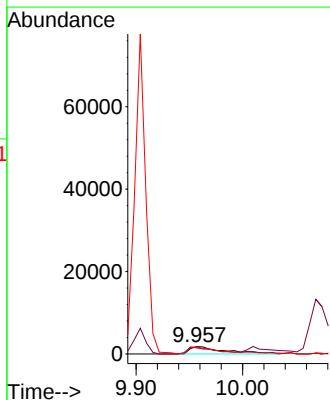
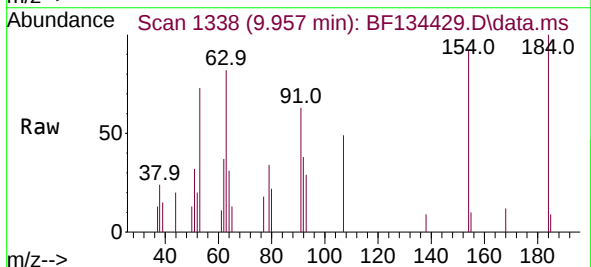
Manual Integrations  
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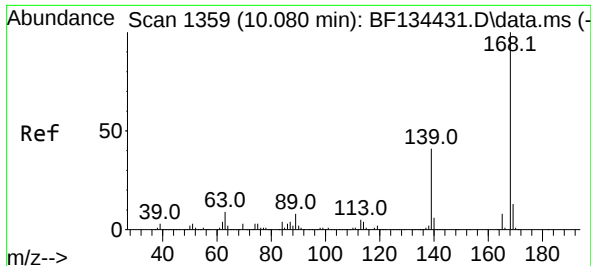
Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023



#54  
2,4-Dinitrophenol  
Concen: 11.333 ng  
RT: 9.957 min Scan# 1338  
Delta R.T. 0.006 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Tgt Ion:184 Resp: 4115  
Ion Ratio Lower Upper  
184 100  
63 82.3 57.1 85.7  
154 92.3 59.1 88.7#





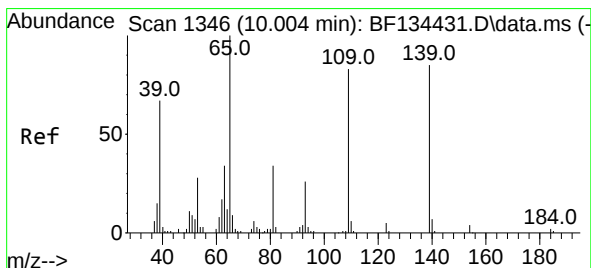
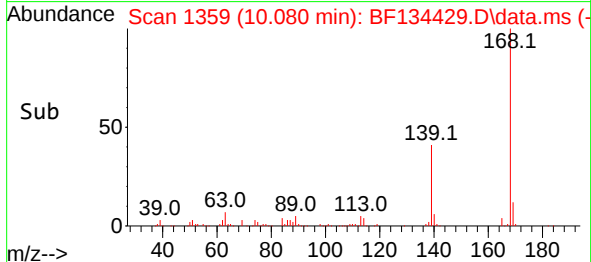
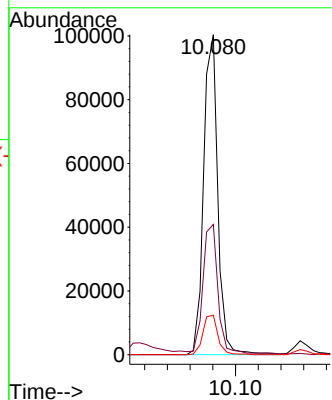
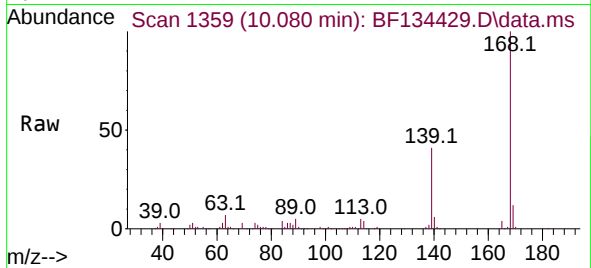
#55  
Dibenzofuran  
Concen: 10.028 ng  
RT: 10.080 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

Tgt Ion:168 Resp: 8695  
Ion Ratio Lower Upper  
168 100  
139 40.7 33.4 50.2  
169 12.4 10.6 15.8

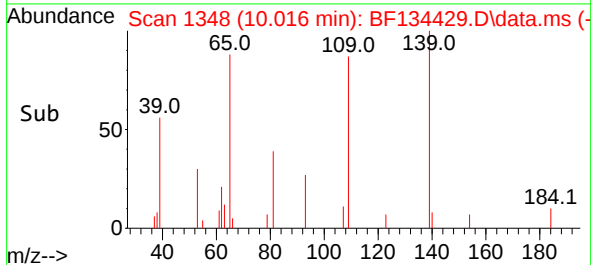
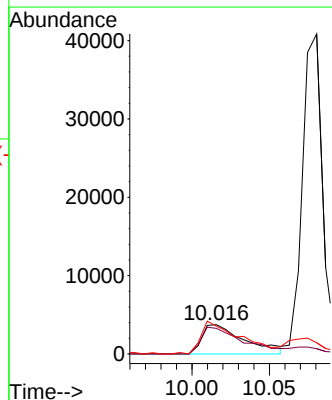
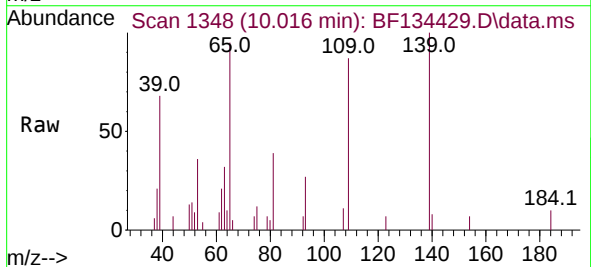
Manual Integrations  
APPROVED

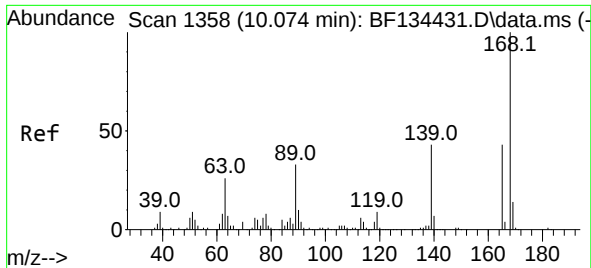
Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023



#56  
4-Nitrophenol  
Concen: 7.706 ng  
RT: 10.016 min Scan# 1348  
Delta R.T. 0.012 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Tgt Ion:139 Resp: 7121  
Ion Ratio Lower Upper  
139 100  
109 87.3 76.9 116.9  
65 95.1 98.5 138.5#





#57  
2,4-Dinitrotoluene  
Concen: 9.668 ng  
RT: 10.069 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Instrument :

BNA\_F

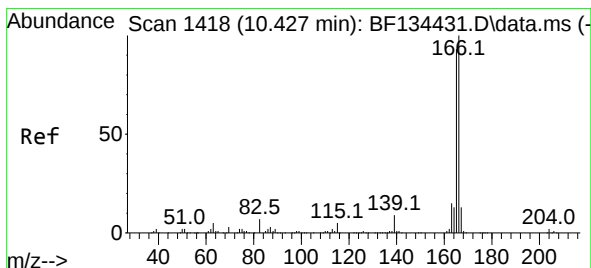
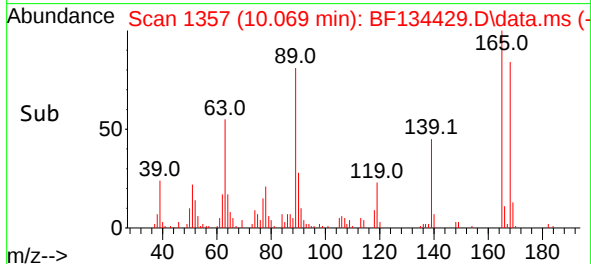
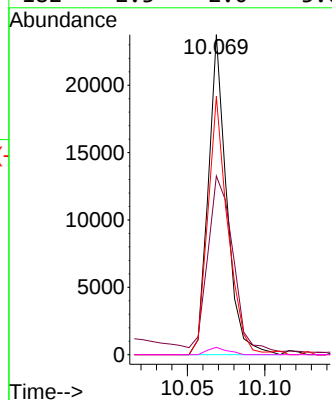
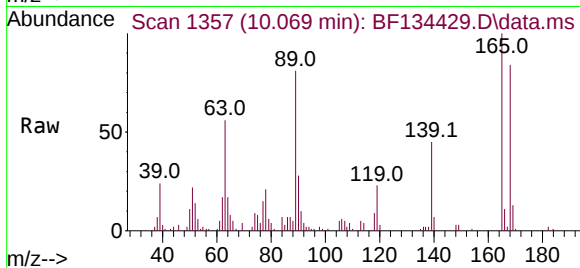
ClientSampleId :

SSTDICC010

Tgt Ion:165 Resp: 19620  
Ion Ratio Lower Upper  
165 100  
63 55.9 48.9 73.3  
89 80.7 61.7 92.5  
182 2.3 2.0 3.0

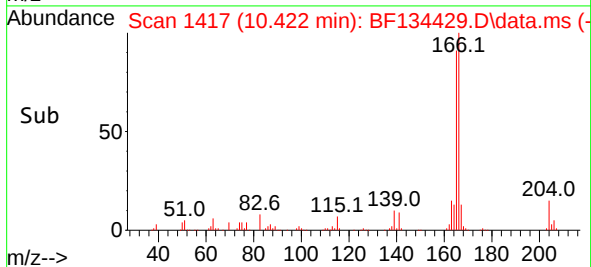
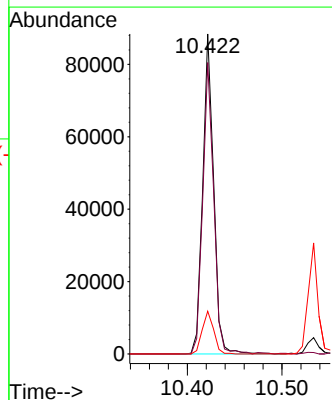
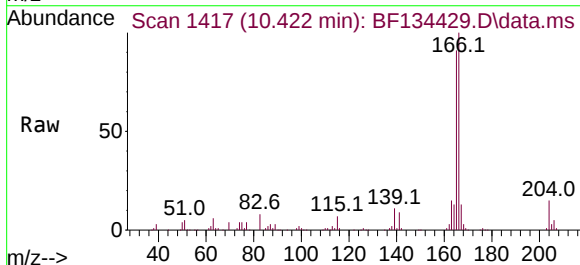
Manual Integrations  
APPROVED

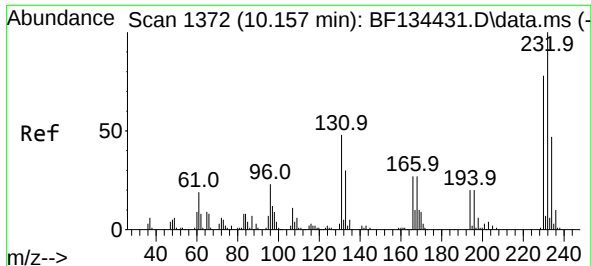
Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023



#58  
Fluorene  
Concen: 10.162 ng  
RT: 10.422 min Scan# 1417  
Delta R.T. -0.005 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

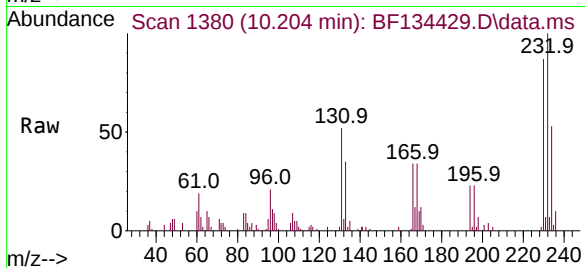
Tgt Ion:166 Resp: 71096  
Ion Ratio Lower Upper  
166 100  
165 91.0 74.5 111.7  
167 13.3 10.6 16.0





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 9.552 ng m  
RT: 10.204 min Scan# 1380  
Delta R.T. 0.000 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

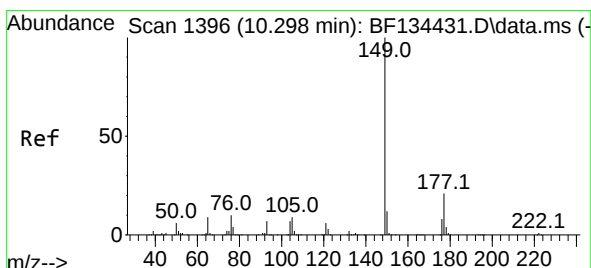
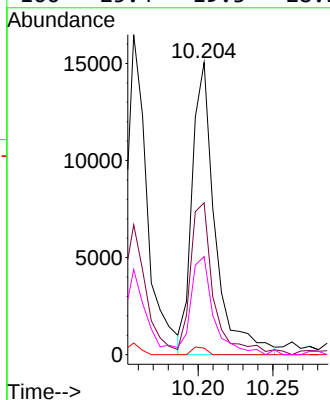
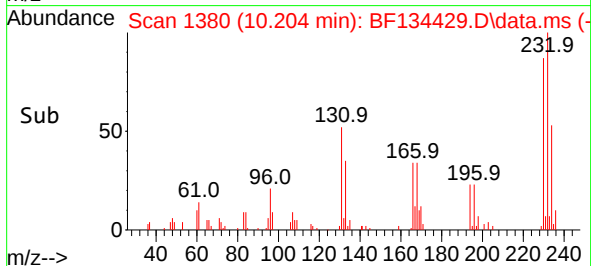
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



Tgt Ion:232 Resp: 1621  
Ion Ratio Lower Upper  
232 100  
131 40.8 33.4 50.0  
130 2.3 1.8 2.6  
166 25.4 19.3 28.9

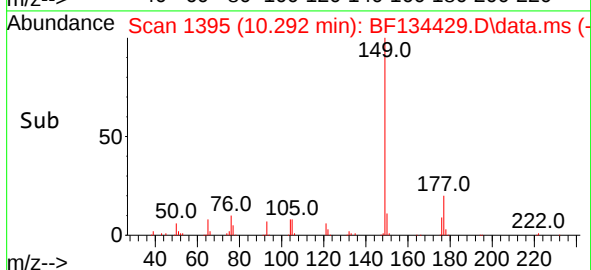
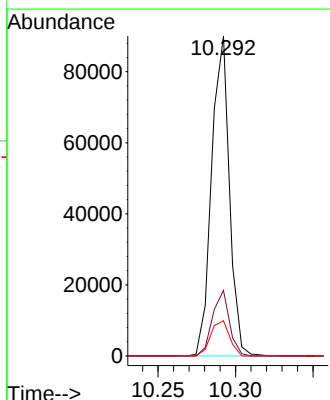
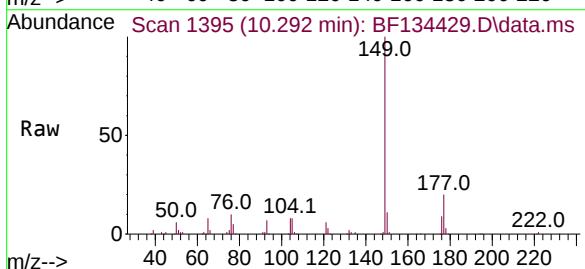
Manual Integrations  
APPROVED

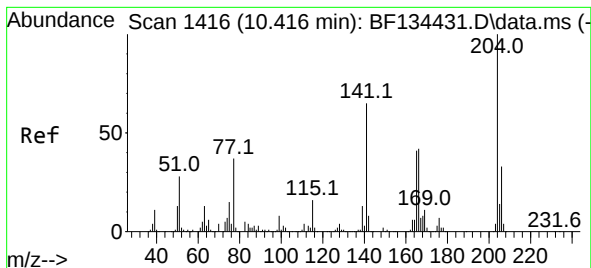
Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023



#60  
Diethylphthalate  
Concen: 10.063 ng  
RT: 10.292 min Scan# 1395  
Delta R.T. -0.006 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Tgt Ion:149 Resp: 71766  
Ion Ratio Lower Upper  
149 100  
177 20.5 17.0 25.4  
150 11.0 9.9 14.9





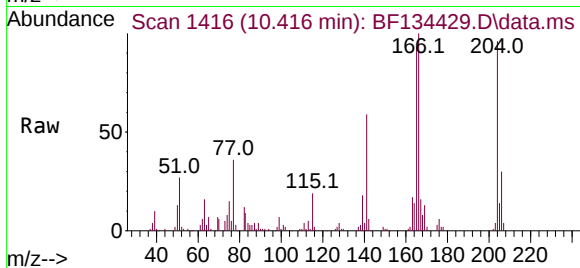
#61  
4-Chlorophenyl-phenylether  
Concen: 9.927 ng  
RT: 10.416 min Scan# 1416  
Delta R.T. 0.000 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

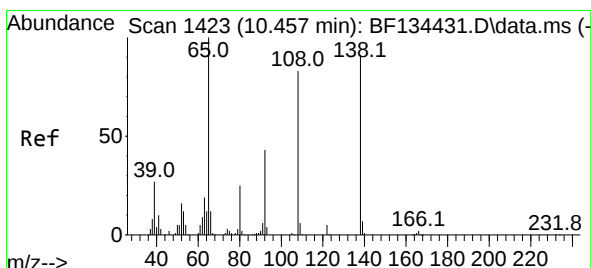
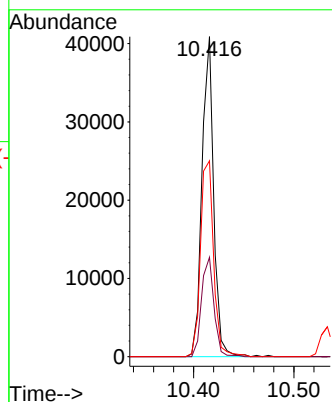
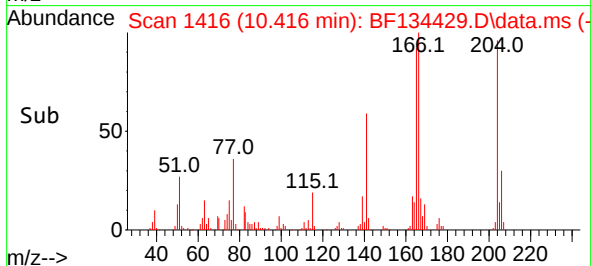


Tgt Ion:204 Resp: 3317  
Ion Ratio Lower Upper  
204 100  
206 31.0 26.0 39.0  
141 61.2 52.2 78.4

Manual Integrations

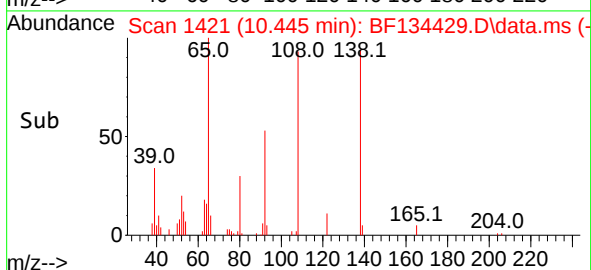
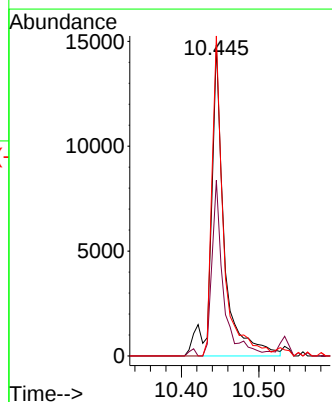
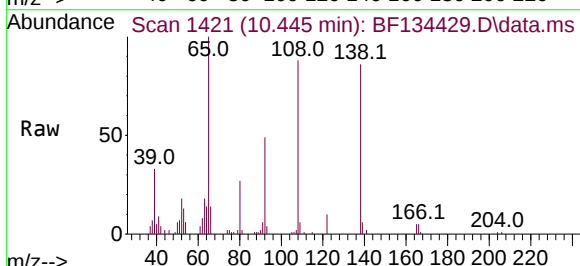
APPROVED

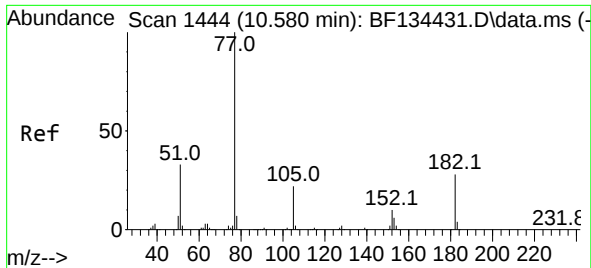
Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023



#62  
4-Nitroaniline  
Concen: 9.674 ng  
RT: 10.445 min Scan# 1421  
Delta R.T. -0.012 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

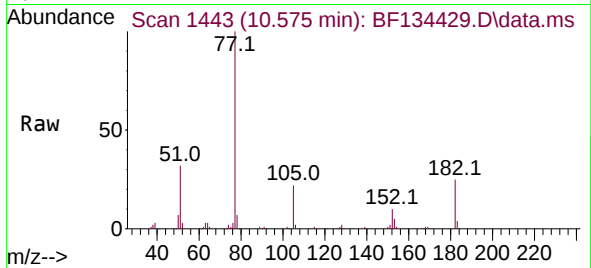
Tgt Ion:138 Resp: 17192  
Ion Ratio Lower Upper  
138 100  
92 56.5 27.0 67.0  
108 102.9 70.4 110.4





#63  
Azobenzene  
Concen: 9.882 ng  
RT: 10.575 min Scan# 1444  
Delta R.T. -0.006 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

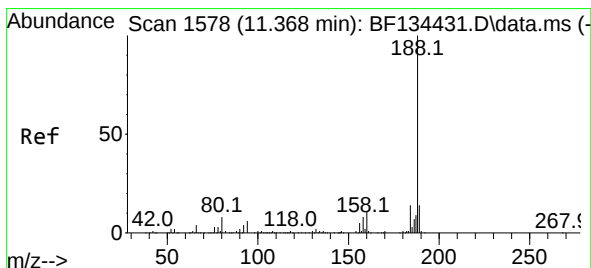
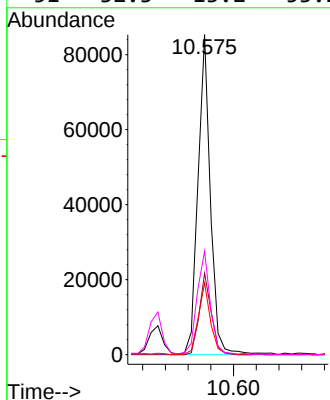
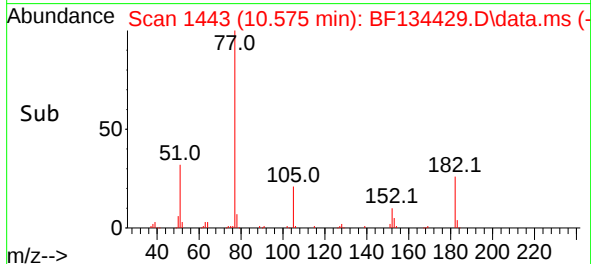
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



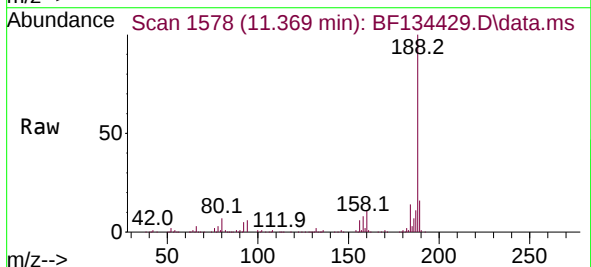
Tgt Ion: 77 Resp: 6486  
Ion Ratio Lower Upper  
77 100  
182 25.4 7.5 47.5  
105 22.4 1.9 41.9  
51 32.3 13.2 53.2

Manual Integrations  
APPROVED

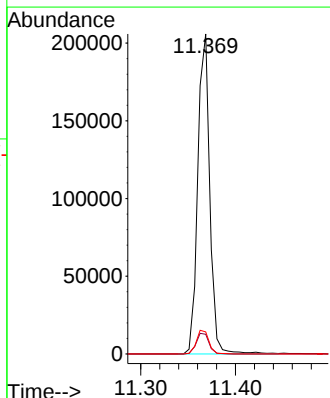
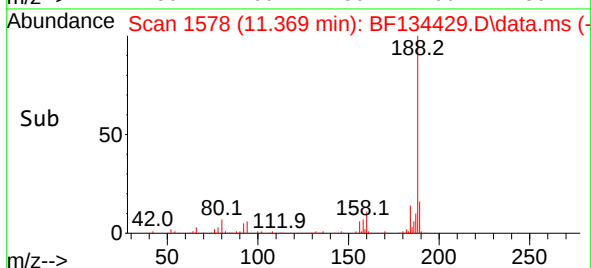
Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023

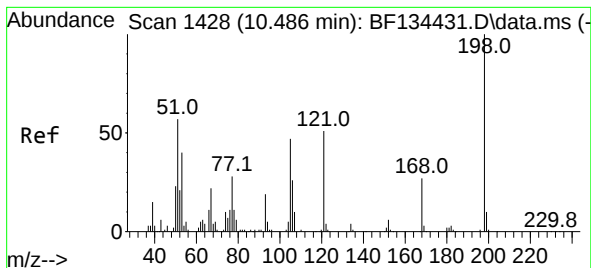


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.369 min Scan# 1578  
Delta R.T. 0.000 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53



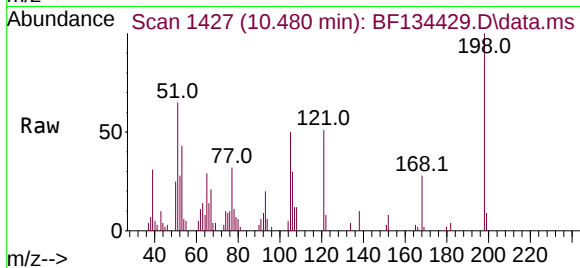
Tgt Ion:188 Resp: 181268  
Ion Ratio Lower Upper  
188 100  
94 6.1 5.1 7.7  
80 6.9 6.6 9.8





#65  
4,6-Dinitro-2-methylphenol  
Concen: 8.257 ng  
RT: 10.480 min Scan# 1428  
Delta R.T. -0.006 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

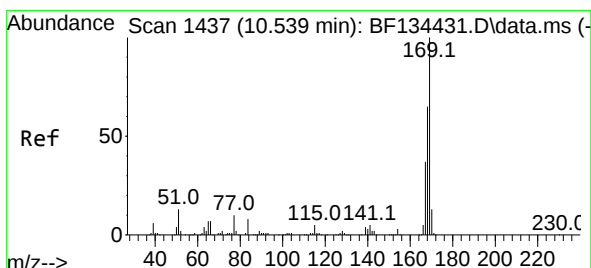
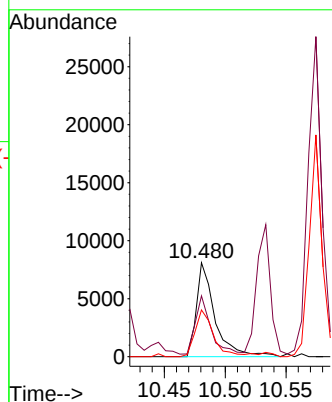
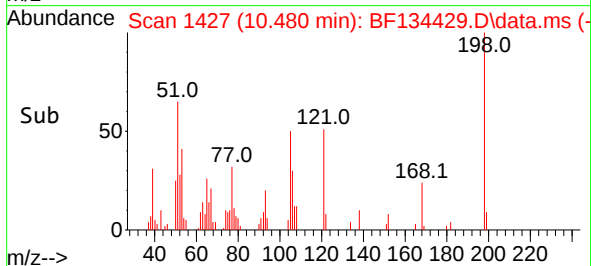
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



Tgt Ion:198 Resp: 8580  
Ion Ratio Lower Upper  
198 100  
51 64.7 38.6 78.6  
105 49.8 27.9 67.9

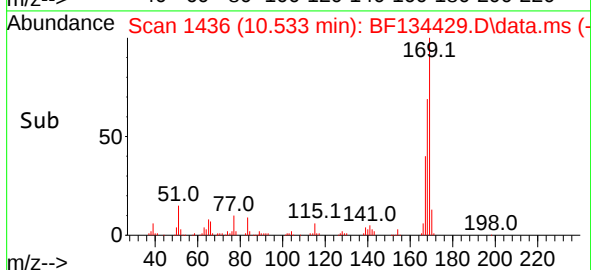
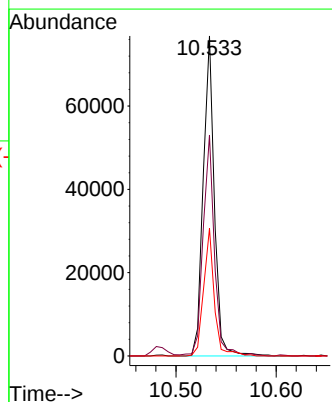
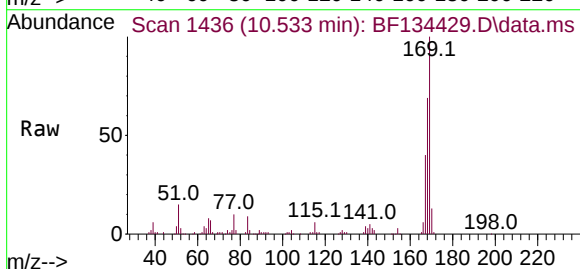
Manual Integrations  
APPROVED

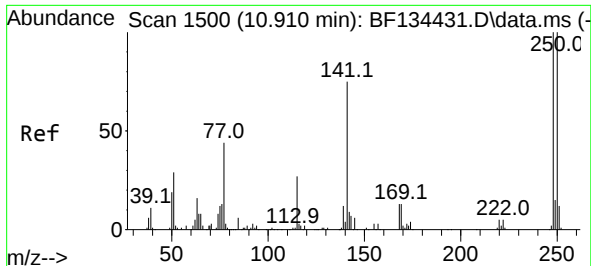
Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023



#66  
n-Nitrosodiphenylamine  
Concen: 10.330 ng  
RT: 10.533 min Scan# 1436  
Delta R.T. -0.006 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Tgt Ion:169 Resp: 59573  
Ion Ratio Lower Upper  
169 100  
168 69.1 52.6 78.8  
167 39.9 29.8 44.8





#67  
4-Bromophenyl-phenylether  
Concen: 10.103 ng  
RT: 10.904 min Scan# 1499  
Delta R.T. -0.006 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Instrument :

BNA\_F

ClientSampleId :

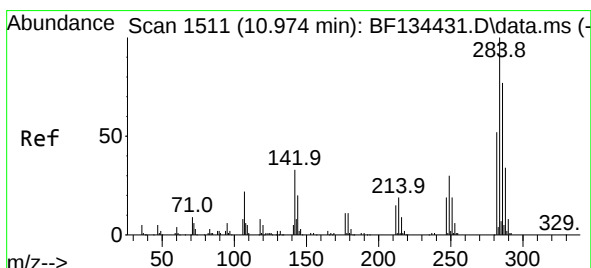
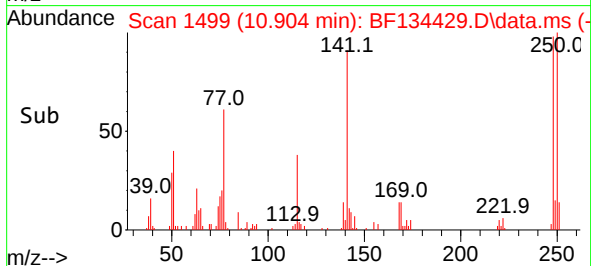
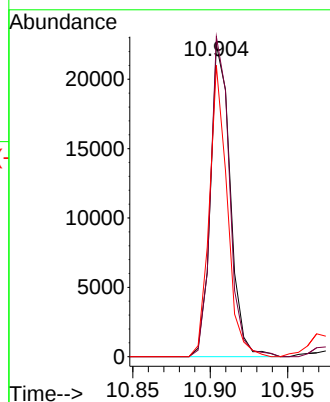
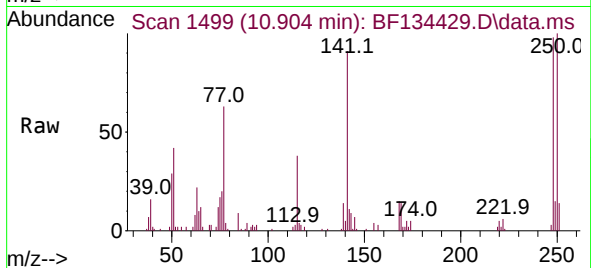
SSTDICC010

Tgt Ion:248 Resp: 2006  
Ion Ratio Lower Upper  
248 100  
250 102.5 79.6 119.4  
141 93.3 59.6 89.4

Manual Integrations

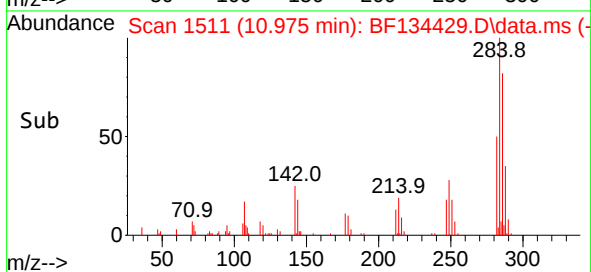
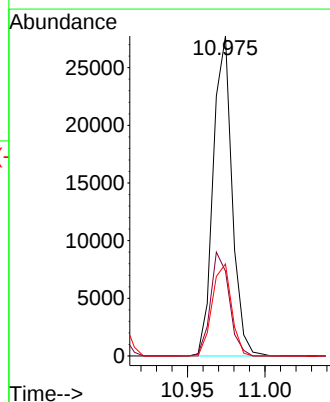
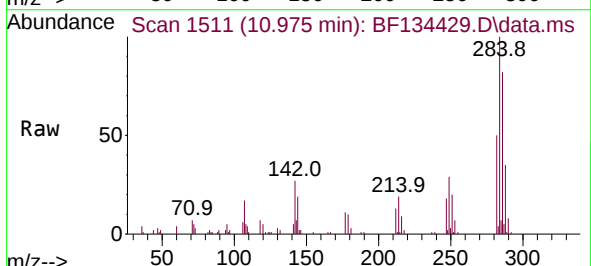
APPROVED

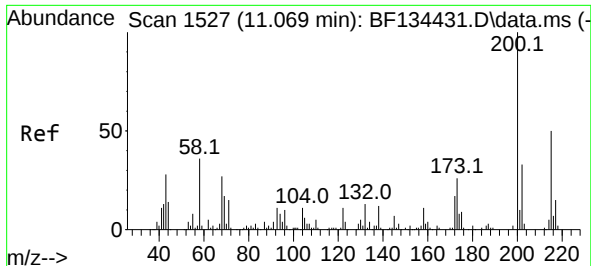
Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023



#68  
Hexachlorobenzene  
Concen: 10.501 ng  
RT: 10.975 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Tgt Ion:284 Resp: 23486  
Ion Ratio Lower Upper  
284 100  
142 26.5 26.5 39.7  
249 28.7 23.8 35.8





#69  
Atrazine  
Concen: 10.716 ng  
RT: 11.063 min Scan# 1106  
Delta R.T. -0.006 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Instrument :

BNA\_F

ClientSampleId :

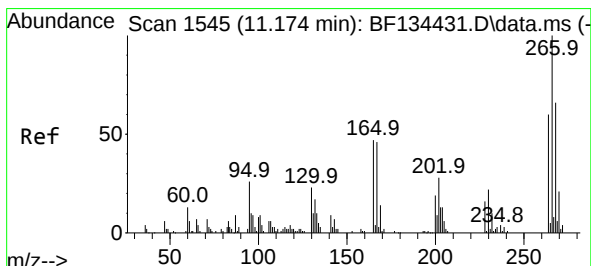
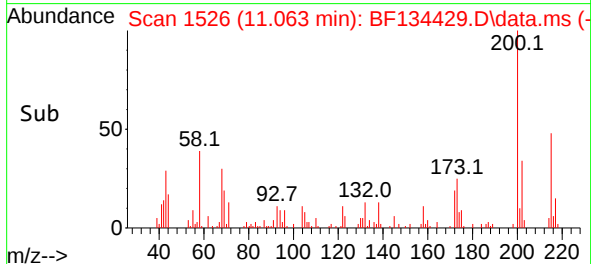
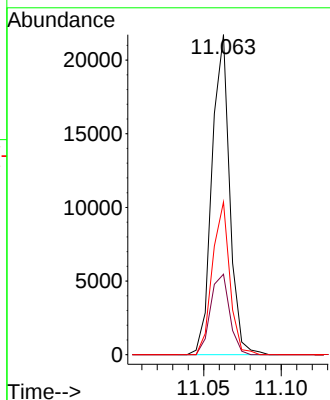
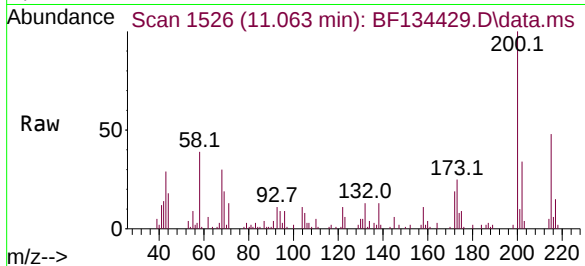
SSTDICC010

Tgt Ion:200 Resp: 1723  
Ion Ratio Lower Upper  
200 100  
173 25.2 6.1 46.1  
215 47.7 29.7 69.7

Manual Integrations

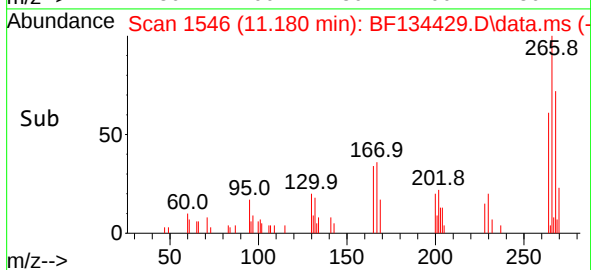
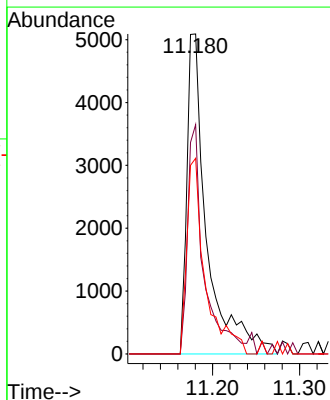
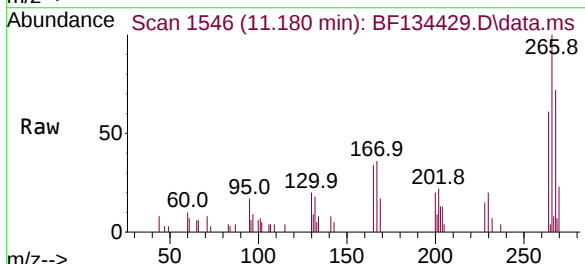
APPROVED

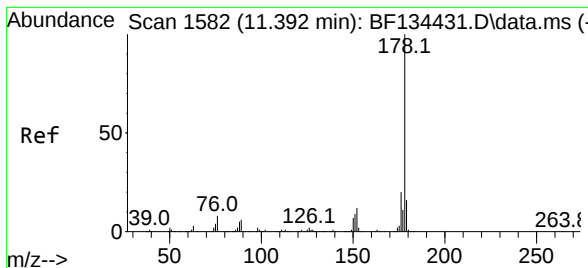
Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023



#70  
Pentachlorophenol  
Concen: 8.682 ng m  
RT: 11.180 min Scan# 1546  
Delta R.T. 0.006 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Tgt Ion:266 Resp: 8149  
Ion Ratio Lower Upper  
266 100  
268 71.7 52.9 79.3  
264 61.2 47.8 71.6





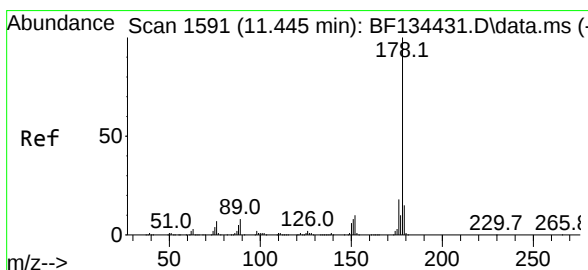
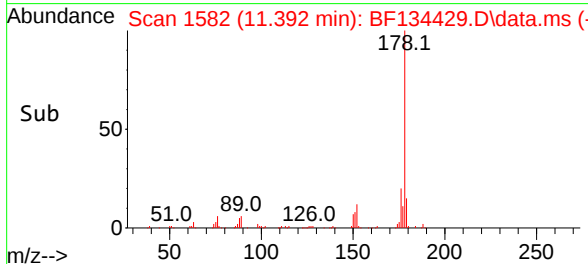
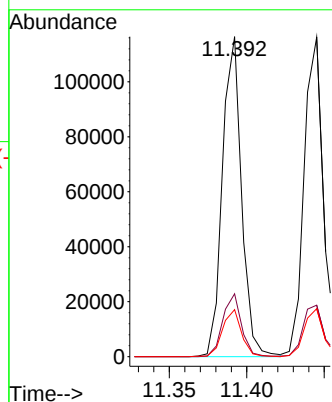
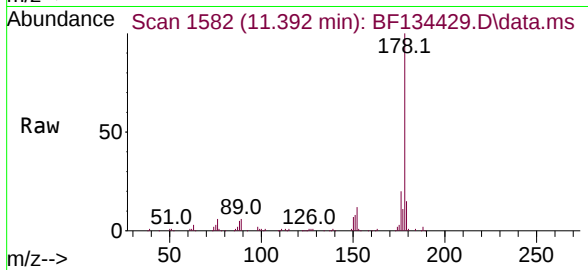
#71  
Phenanthrene  
Concen: 10.561 ng  
RT: 11.392 min Scan# 1582  
Delta R.T. 0.000 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

Tgt Ion:178 Resp: 10002  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.8 23.6  
179 14.7 12.7 19.1

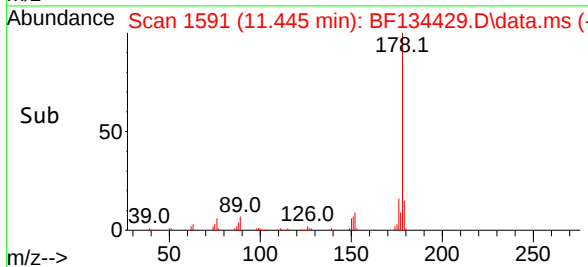
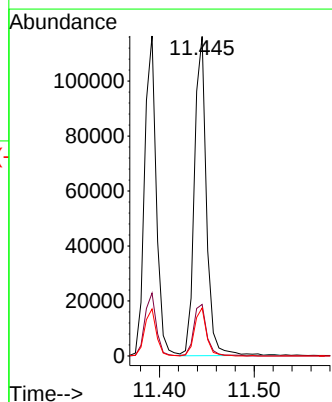
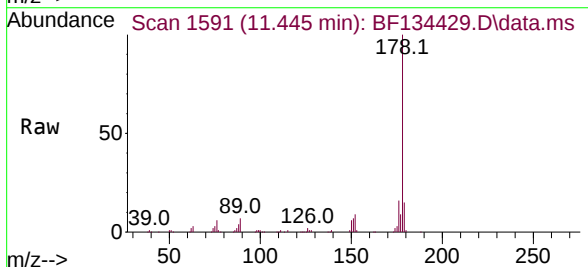
Manual Integrations  
APPROVED

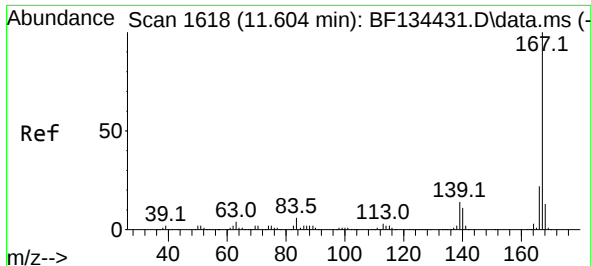
Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023



#72  
Anthracene  
Concen: 10.510 ng  
RT: 11.445 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

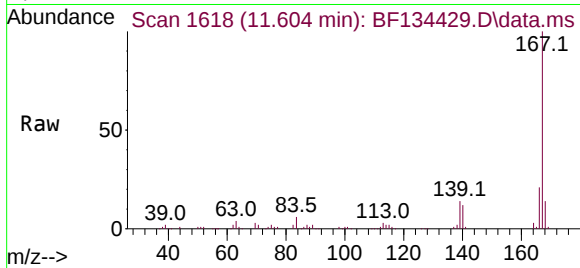
Tgt Ion:178 Resp: 102739  
Ion Ratio Lower Upper  
178 100  
176 16.1 14.6 21.8  
179 15.0 12.3 18.5





#73  
 Carbazole  
 Concen: 10.334 ng  
 RT: 11.604 min Scan# 1618  
 Delta R.T. 0.000 min  
 Lab File: BF134429.D  
 Acq: 24 Jul 2023 14:53

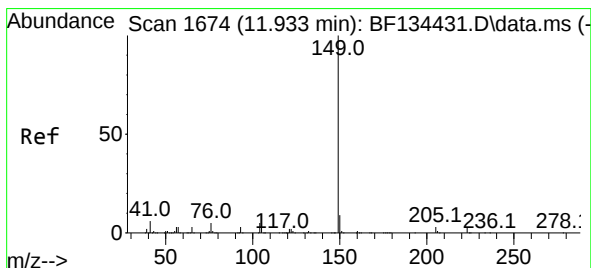
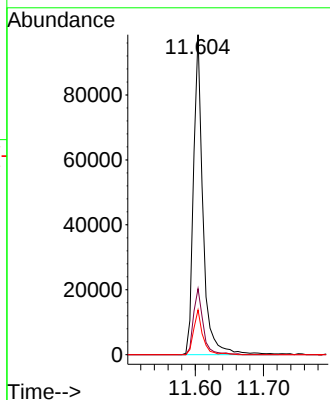
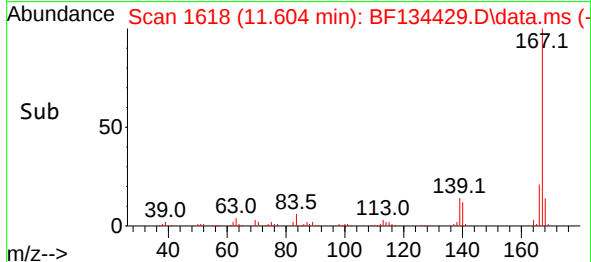
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010



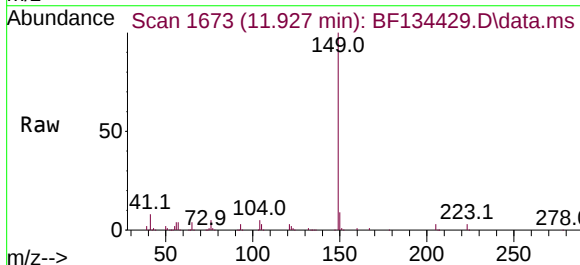
Tgt Ion:167 Resp: 95125  
 Ion Ratio Lower Upper  
 167 100  
 166 20.6 17.5 26.3  
 139 14.0 11.0 16.4

Manual Integrations  
 APPROVED

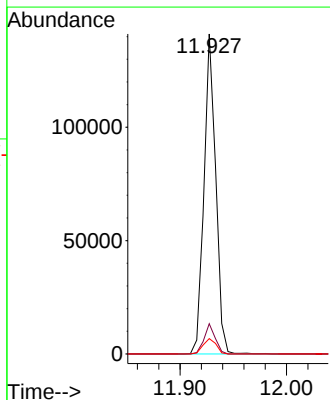
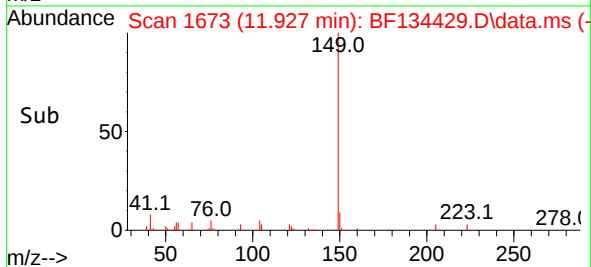
Reviewed By :Yogesh Patel 07/25/2023  
 Supervised By :mohammad ahmed 07/25/2023

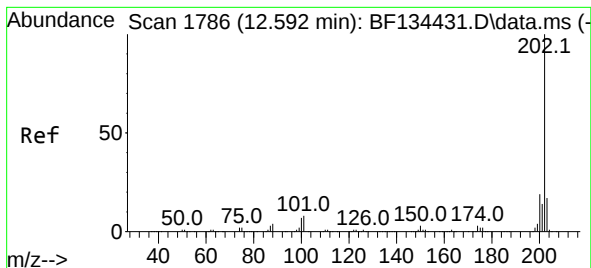


#74  
 Di-n-butylphthalate  
 Concen: 10.265 ng  
 RT: 11.927 min Scan# 1673  
 Delta R.T. -0.006 min  
 Lab File: BF134429.D  
 Acq: 24 Jul 2023 14:53



Tgt Ion:149 Resp: 108468  
 Ion Ratio Lower Upper  
 149 100  
 150 9.5 7.2 10.8  
 104 4.8 3.8 5.8





#75

Fluoranthene

Concen: 10.355 ng

RT: 12.586 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134429.D

Acq: 24 Jul 2023 14:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion:202 Resp: 11430

Ion Ratio Lower Upper

202 100

101 9.3 0.0 28.5

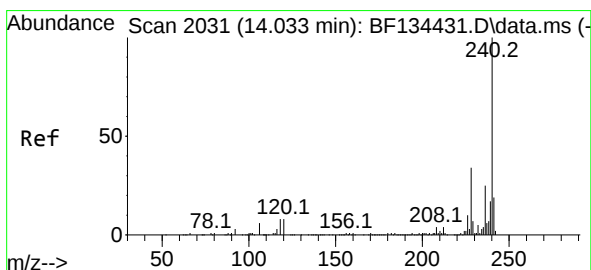
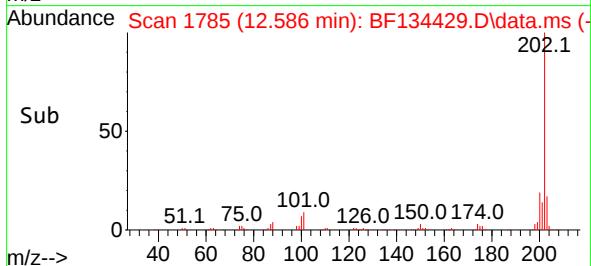
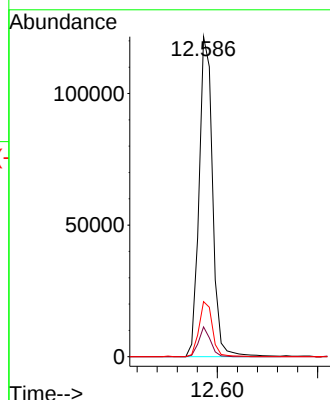
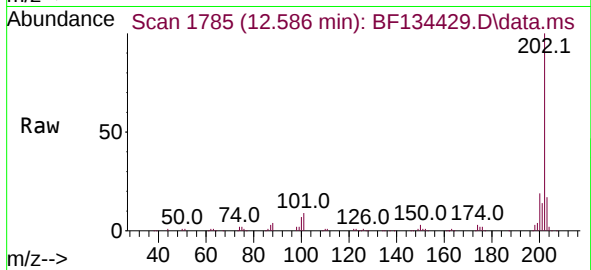
203 17.2 0.0 37.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF134429.D

Acq: 24 Jul 2023 14:53

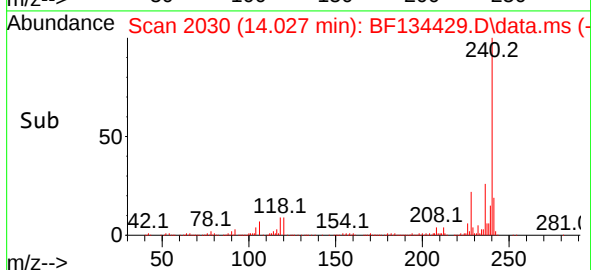
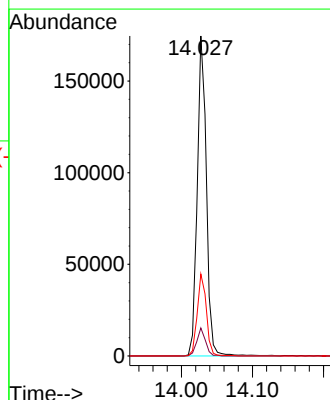
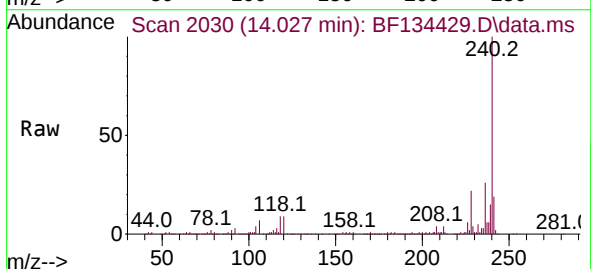
Tgt Ion:240 Resp: 156648

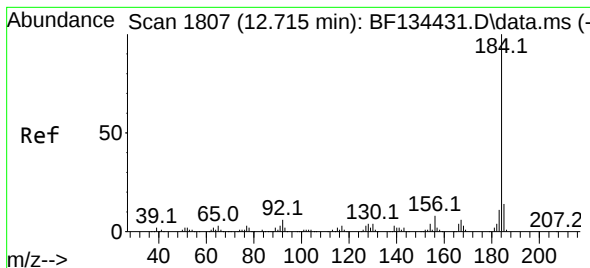
Ion Ratio Lower Upper

240 100

120 8.7 6.6 10.0

236 25.6 20.2 30.2





#77

Benzidine

Concen: 11.583 ng

RT: 12.716 min Scan# 1807

Delta R.T. 0.001 min

Lab File: BF134429.D

Acq: 24 Jul 2023 14:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

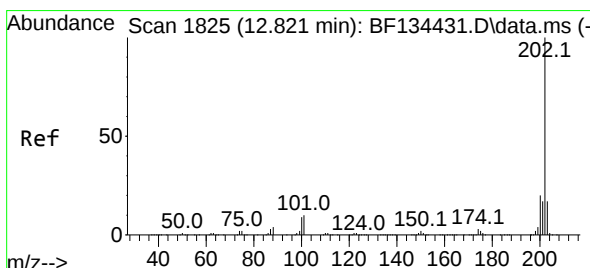
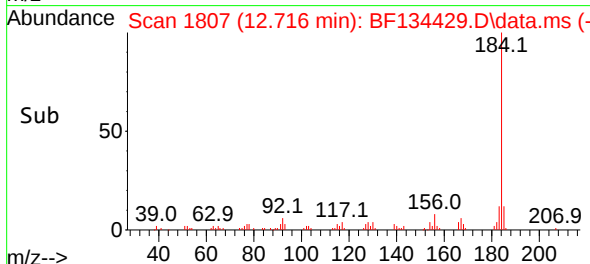
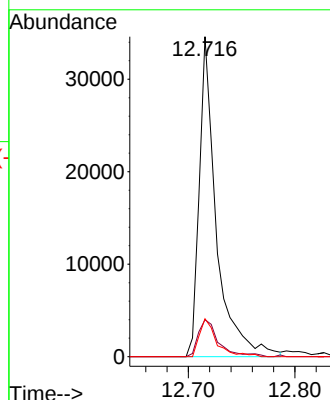
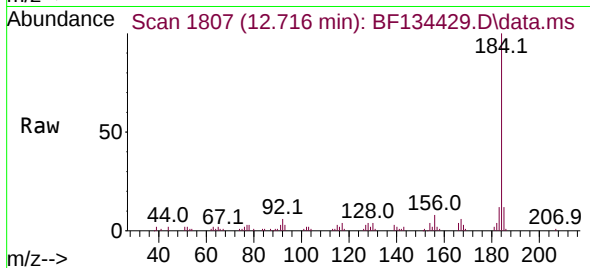
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:184 | Resp: | 3874      |
| Ion Ratio   | Lower | Upper     |
| 184         | 100   |           |
| 185         | 11.6  | 11.2 16.8 |
| 183         | 11.9  | 8.6 13.0  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#78

Pyrene

Concen: 9.527 ng

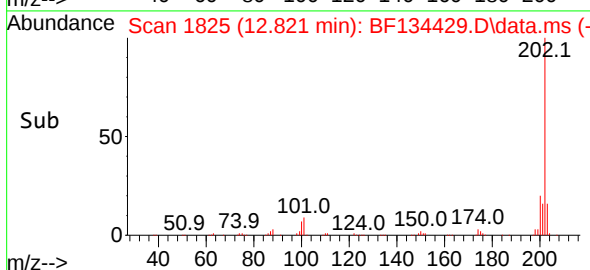
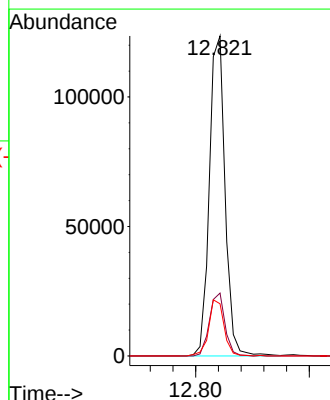
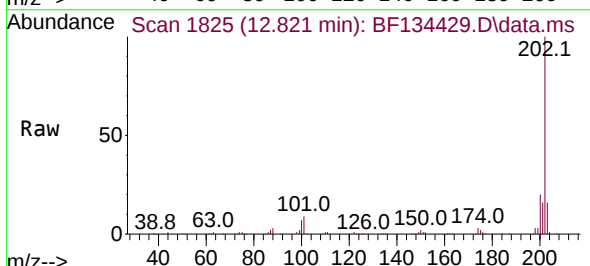
RT: 12.821 min Scan# 1825

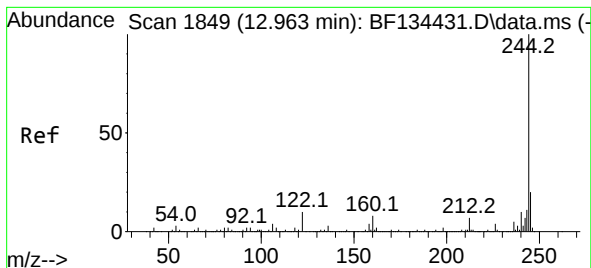
Delta R.T. 0.000 min

Lab File: BF134429.D

Acq: 24 Jul 2023 14:53

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:202 | Resp: | 118659    |
| Ion Ratio   | Lower | Upper     |
| 202         | 100   |           |
| 200         | 19.6  | 15.8 23.8 |
| 203         | 16.3  | 13.5 20.3 |





#79

Terphenyl-d14

Concen: 19.534 ng

RT: 12.957 min Scan# 1848

Delta R.T. -0.006 min

Lab File: BF134429.D

Acq: 24 Jul 2023 14:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion:244 Resp: 17529

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

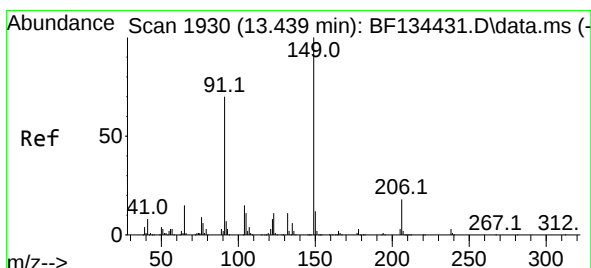
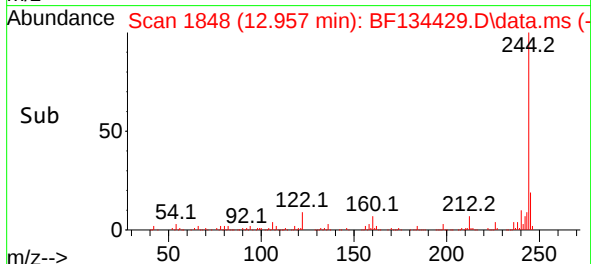
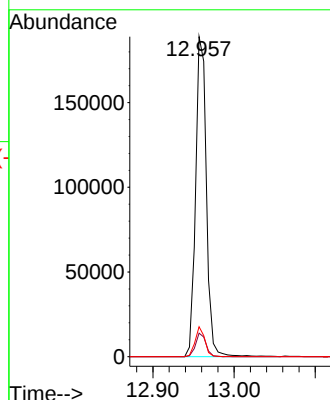
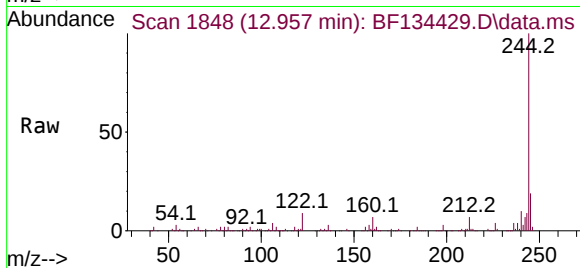
122 9.4 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#80

Butylbenzylphthalate

Concen: 9.453 ng

RT: 13.439 min Scan# 1930

Delta R.T. 0.000 min

Lab File: BF134429.D

Acq: 24 Jul 2023 14:53

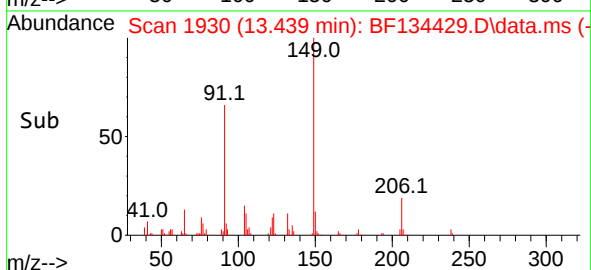
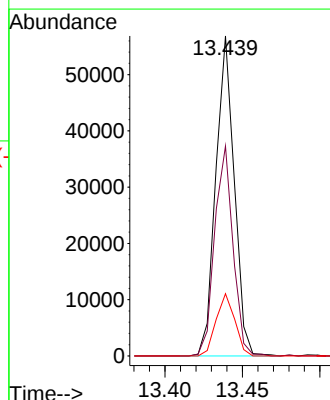
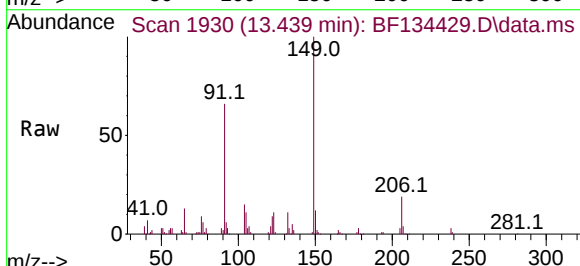
Tgt Ion:149 Resp: 47165

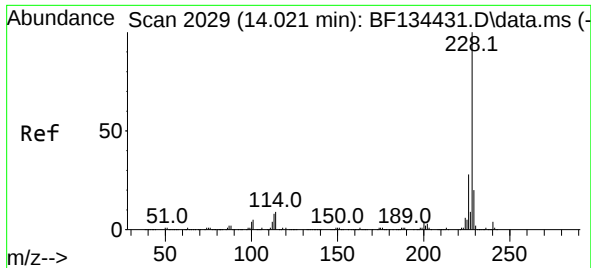
Ion Ratio Lower Upper

149 100

91 65.6 55.8 83.6

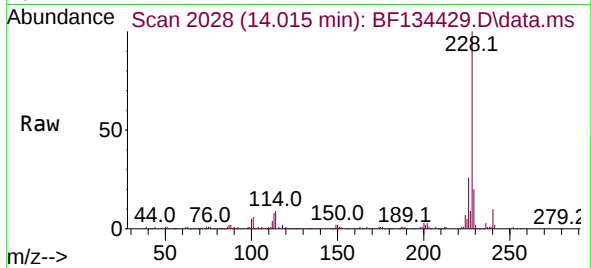
206 19.5 14.6 21.8





#81  
Benzo(a)anthracene  
Concen: 10.072 ng  
RT: 14.015 min Scan# 2028  
Delta R.T. -0.006 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

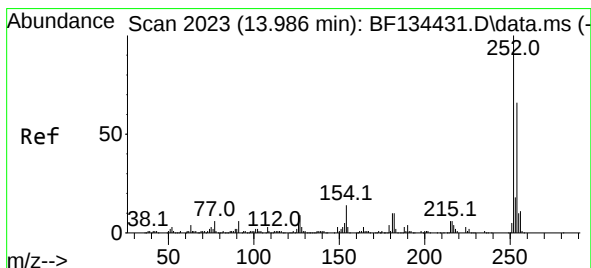
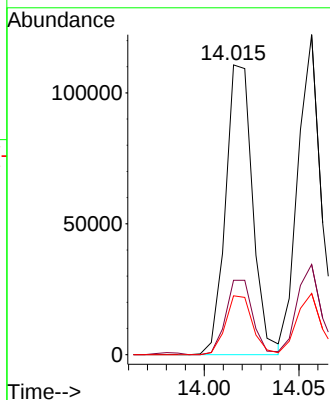
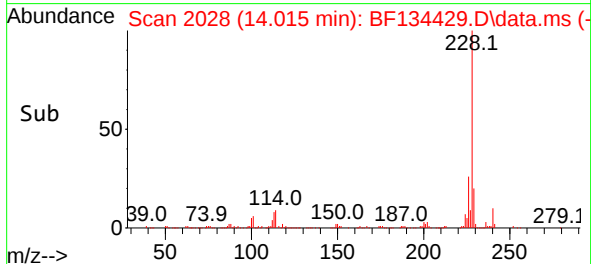
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



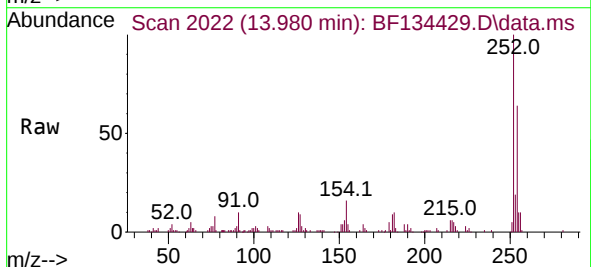
Tgt Ion:228 Resp: 110070  
Ion Ratio Lower Upper  
228 100  
226 25.7 22.3 33.5  
229 20.3 15.8 23.6

Manual Integrations  
APPROVED

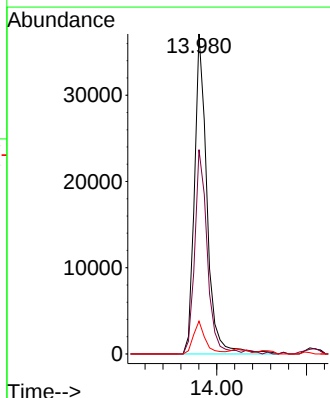
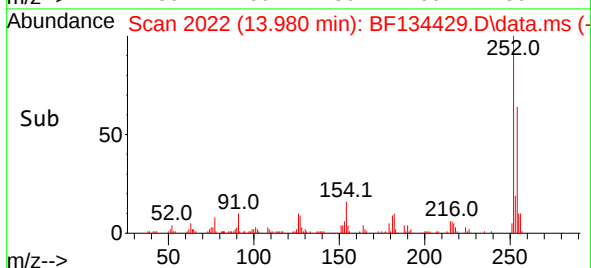
Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023

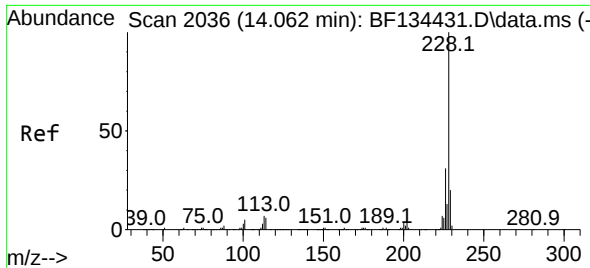


#82  
3,3'-Dichlorobenzidine  
Concen: 10.386 ng  
RT: 13.980 min Scan# 2022  
Delta R.T. -0.006 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53



Tgt Ion:252 Resp: 35952  
Ion Ratio Lower Upper  
252 100  
254 63.8 52.7 79.1  
126 10.3 7.2 10.8





#83  
Chrysene  
Concen: 9.999 ng  
RT: 14.057 min Scan# 2036  
Delta R.T. -0.006 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Instrument :

BNA\_F

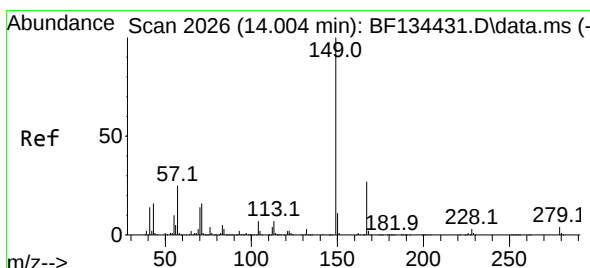
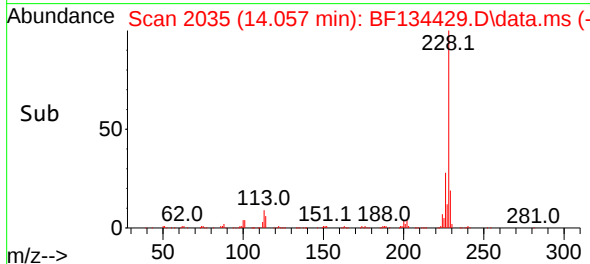
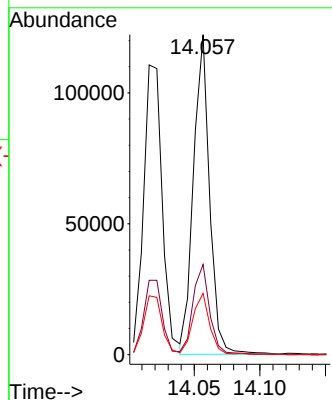
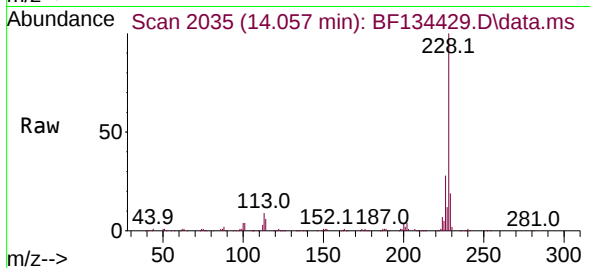
ClientSampleId :

SSTDICC010

Tgt Ion:228 Resp: 10452  
Ion Ratio Lower Upper  
228 100  
226 28.2 24.5 36.7  
229 19.2 15.8 23.8

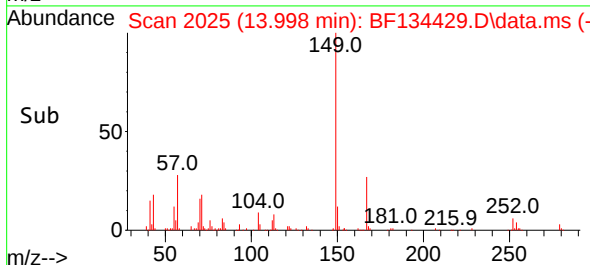
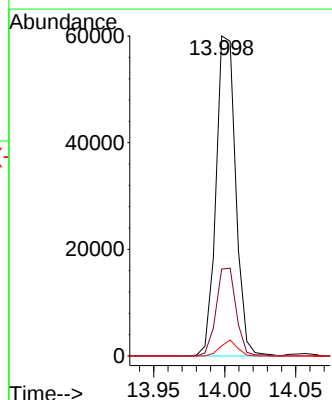
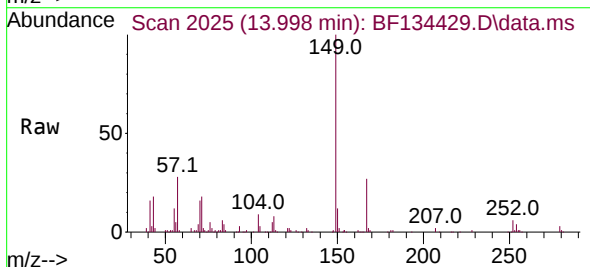
Manual Integrations  
APPROVED

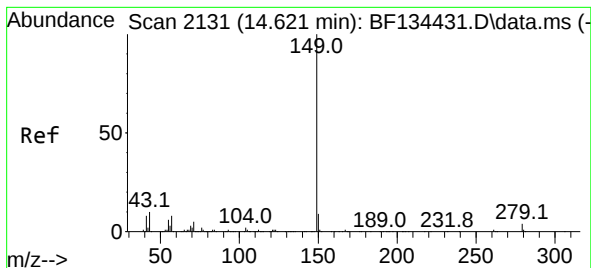
Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 9.505 ng  
RT: 13.998 min Scan# 2025  
Delta R.T. -0.006 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

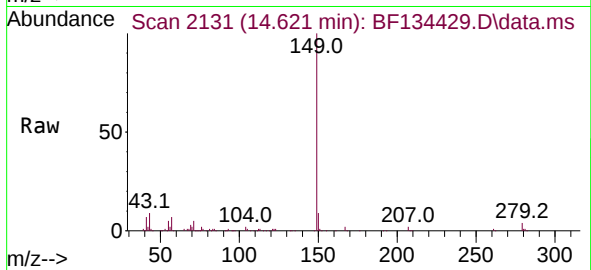
Tgt Ion:149 Resp: 57616  
Ion Ratio Lower Upper  
149 100  
167 27.2 21.6 32.4  
279 3.2 3.5 5.3





#85  
Di-n-octyl phthalate  
Concen: 10.009 ng  
RT: 14.621 min Scan# 2131  
Delta R.T. 0.000 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

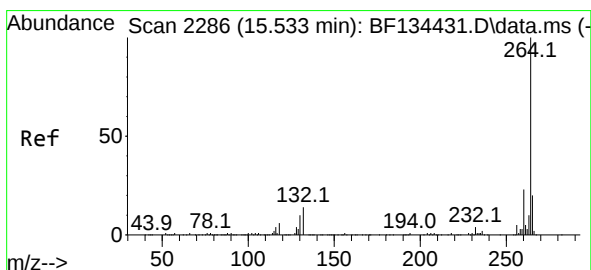
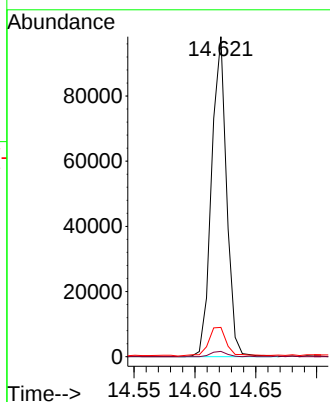
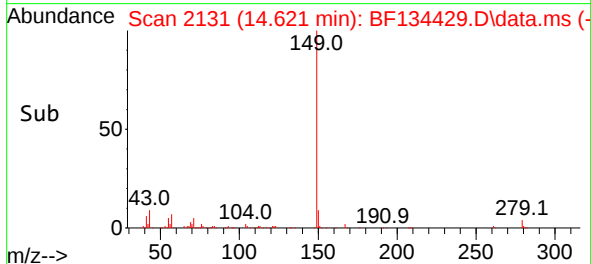
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



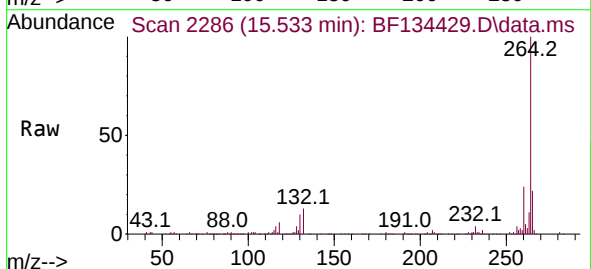
Tgt Ion:149 Resp: 8431  
Ion Ratio Lower Upper  
149 100  
167 1.8 1.2 1.8  
43 11.0 8.1 12.1

Manual Integrations  
APPROVED

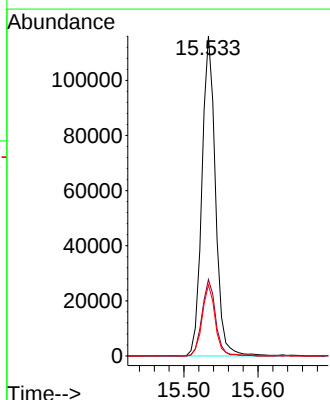
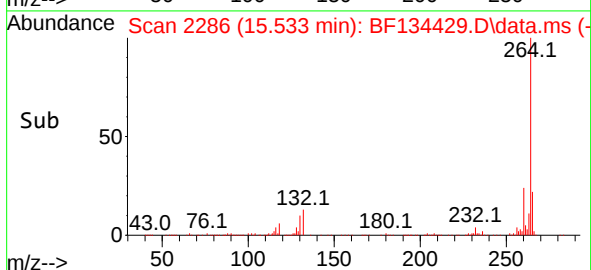
Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023

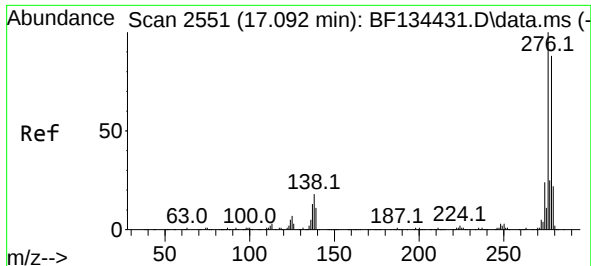


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.533 min Scan# 2286  
Delta R.T. 0.000 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53



Tgt Ion:264 Resp: 147998  
Ion Ratio Lower Upper  
264 100  
260 23.9 18.4 27.6  
265 22.2 15.8 23.8





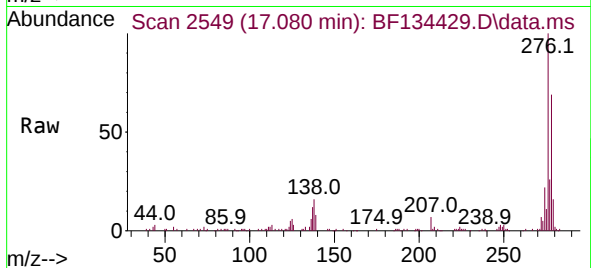
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 8.529 ng  
RT: 17.080 min Scan# 2110  
Delta R.T. -0.012 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010



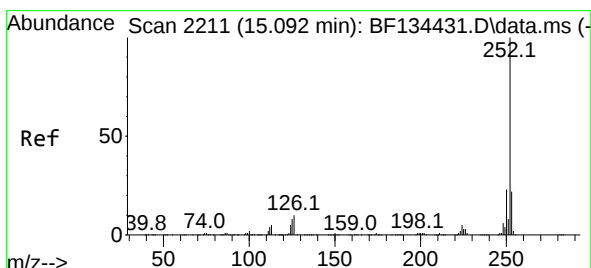
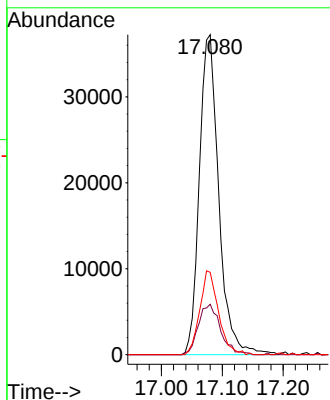
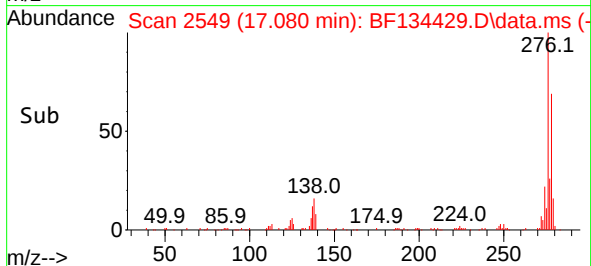
Tgt Ion:276 Resp: 82469  
Ion Ratio Lower Upper  
276 100  
138 18.0 14.2 21.4  
277 25.2 19.9 29.9

Manual Integrations

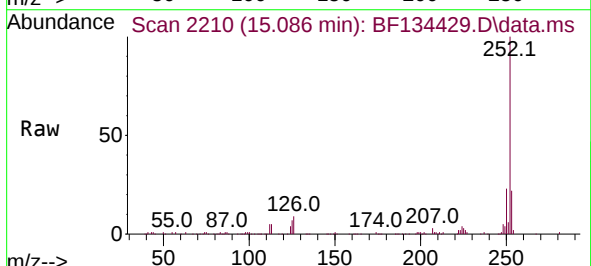
APPROVED

Reviewed By :Yogesh Patel 07/25/2023

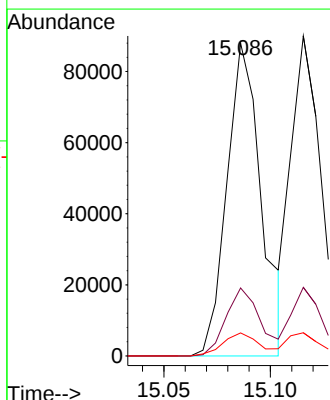
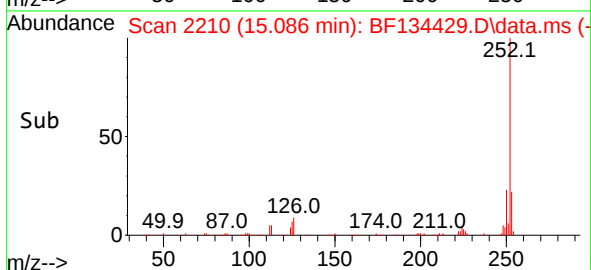
Supervised By :mohammad ahmed 07/25/2023

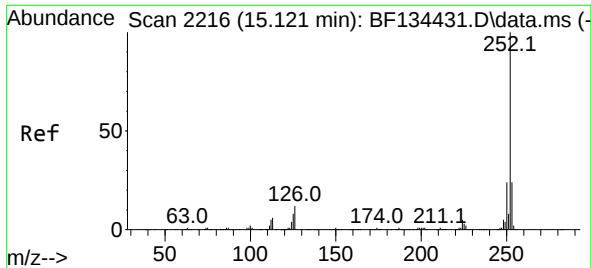


#88  
Benzo(b)fluoranthene  
Concen: 10.709 ng  
RT: 15.086 min Scan# 2210  
Delta R.T. -0.006 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53



Tgt Ion:252 Resp: 99156  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.3 25.9  
125 7.4 6.0 9.0





#89  
Benzo(k)fluoranthene  
Concen: 10.075 ng  
RT: 15.115 min Scan# 2115  
Delta R.T. -0.006 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Instrument :

BNA\_F

ClientSampleId :

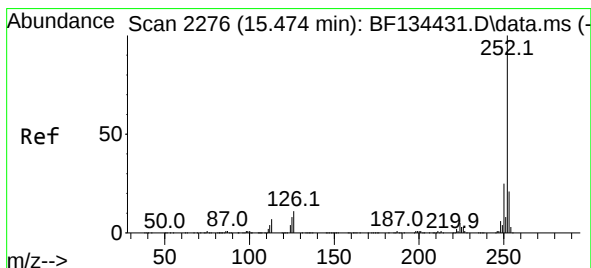
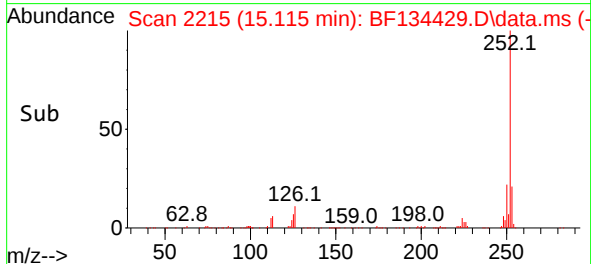
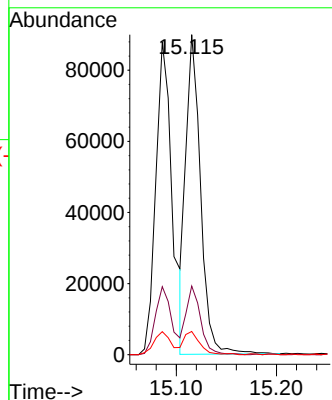
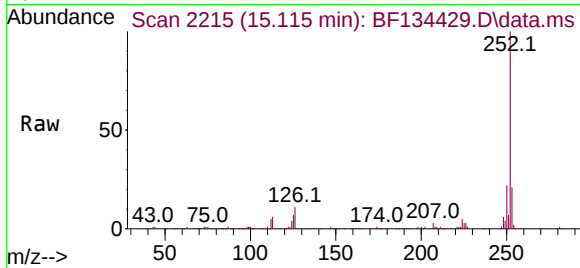
SSTDICC010

Tgt Ion:252 Resp: 9176  
Ion Ratio Lower Upper  
252 100  
253 21.4 17.9 26.9  
125 7.2 6.3 9.5

Manual Integrations

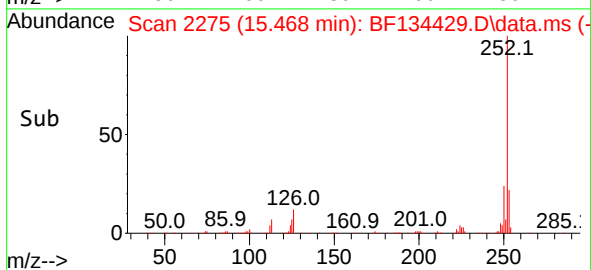
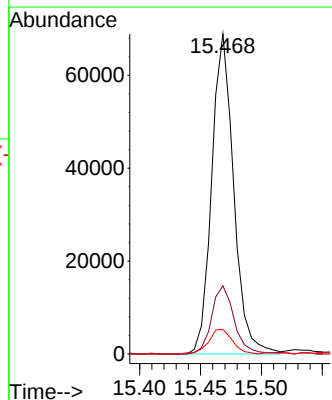
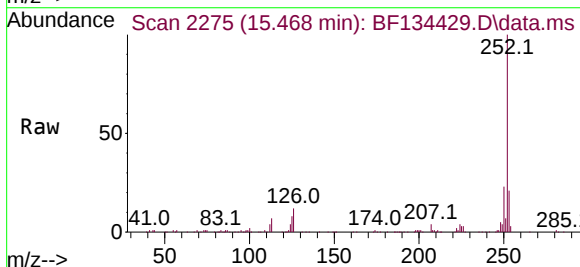
APPROVED

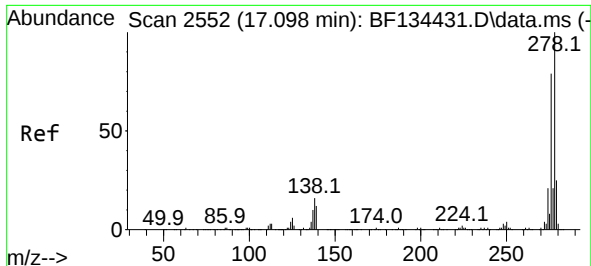
Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023



#90  
Benzo(a)pyrene  
Concen: 10.130 ng  
RT: 15.468 min Scan# 2275  
Delta R.T. -0.006 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Tgt Ion:252 Resp: 86692  
Ion Ratio Lower Upper  
252 100  
253 21.3 17.0 25.4  
125 7.7 6.2 9.4





#91  
Dibenzo(a,h)anthracene  
Concen: 8.233 ng  
RT: 17.086 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Instrument :

BNA\_F

ClientSampleId :

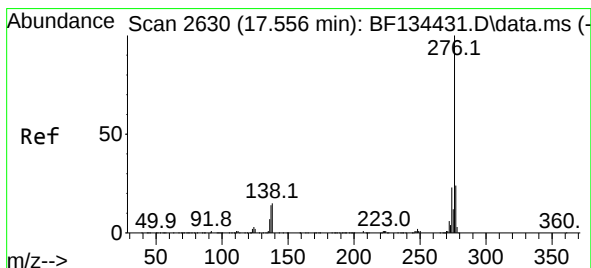
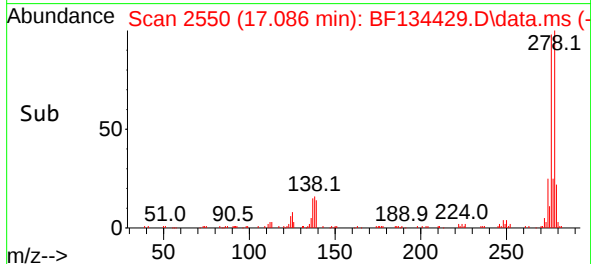
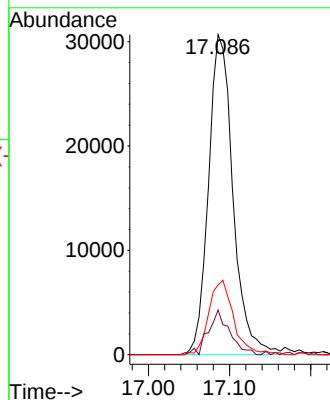
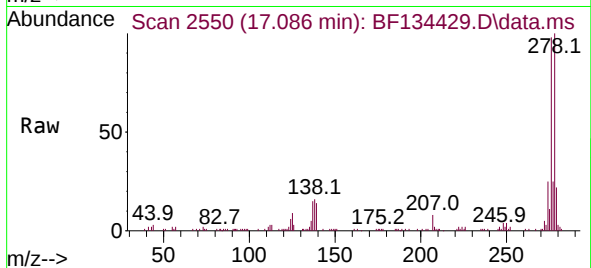
SSTDICC010

Tgt Ion:278 Resp: 6428  
Ion Ratio Lower Upper  
278 100  
139 14.0 10.0 15.0  
279 21.8 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023  
Supervised By :mohammad ahmed 07/25/2023



#92  
Benzo(g,h,i)perylene  
Concen: 8.185 ng  
RT: 17.545 min Scan# 2628  
Delta R.T. -0.012 min  
Lab File: BF134429.D  
Acq: 24 Jul 2023 14:53

Tgt Ion:276 Resp: 65626  
Ion Ratio Lower Upper  
276 100  
277 22.8 19.0 28.6  
138 16.5 12.2 18.2

