

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101022\  
 Data File : BF130596.D  
 Acq On : 10 Oct 2022 10:42  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 10/11/2022  
 Supervised By : Jagrut Upadhyay 10/14/2022

Quant Time: Oct 10 13:41:52 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 10 13:41:25 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.604  | 152  | 94691    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 7.892  | 136  | 362631   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.639  | 164  | 187975   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.116 | 188  | 290720   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.751 | 240  | 152786   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.127 | 264  | 160241   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.204  | 112  | 476987   | 87.370 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.257  | 99   | 567177   | 83.031 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.181  | 82   | 556523   | 78.405 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.427 | 330  | 147997   | 82.168 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 8.969  | 172  | 1047014  | 81.109 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.698 | 244  | 764434   | 82.879 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.169  | 88   | 131321   | 52.376 | ng    | 97       |
| 3) Pyridine                   | 2.834  | 79   | 284812   | 43.546 | ng    | 92       |
| 4) n-Nitrosodimethylamine     | 2.799  | 42   | 127582   | 35.865 | ng    | # 79     |
| 6) Aniline                    | 6.275  | 93   | 339113   | 40.291 | ng    | # 84     |
| 8) 2-Chlorophenol             | 6.392  | 128  | 263707   | 42.404 | ng    | 94       |
| 9) Benzaldehyde               | 6.157  | 77   | 171390   | 37.457 | ng    | 94       |
| 10) Phenol                    | 6.269  | 94   | 325959   | 40.718 | ng    | # 76     |
| 11) bis(2-Chloroethyl)ether   | 6.351  | 93   | 241014   | 41.741 | ng    | 94       |
| 12) 1,3-Dichlorobenzene       | 6.545  | 146  | 289375   | 42.288 | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 6.628  | 146  | 298344   | 42.754 | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 6.775  | 146  | 274095   | 42.048 | ng    | 98       |
| 15) Benzyl Alcohol            | 6.763  | 79   | 201405   | 37.187 | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 6.892  | 45   | 311997   | 37.048 | ng    | 90       |
| 17) 2-Methylphenol            | 6.875  | 107  | 217426   | 43.008 | ng    | 98       |
| 18) Hexachloroethane          | 7.116  | 117  | 109456   | 39.793 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.034  | 70   | 179082   | 38.852 | ng    | 90       |
| 20) 3+4-Methylphenols         | 7.034  | 107  | 281129   | 42.807 | ng    | # 61     |
| 22) Acetophenone              | 7.028  | 105  | 355306   | 40.076 | ng    | # 91     |
| 24) Nitrobenzene              | 7.198  | 77   | 281286   | 39.028 | ng    | 94       |
| 25) Isophorone                | 7.439  | 82   | 464580   | 40.609 | ng    | 98       |
| 26) 2-Nitrophenol             | 7.510  | 139  | 140866   | 47.678 | ng    | 89       |
| 27) 2,4-Dimethylphenol        | 7.557  | 122  | 197705   | 43.459 | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 7.651  | 93   | 275482   | 42.764 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.757  | 162  | 219142   | 43.958 | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 7.833  | 180  | 229925   | 42.659 | ng    | 97       |
| 31) Naphthalene               | 7.910  | 128  | 790381   | 42.306 | ng    | 99       |
| 32) Benzoic acid              | 7.698  | 122  | 114014   | 32.409 | ng    | 92       |
| 33) 4-Chloroaniline           | 7.969  | 127  | 305234   | 42.958 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.028  | 225  | 143608   | 41.691 | ng    | 99       |
| 35) Caprolactam               | 8.345  | 113  | 62981    | 44.069 | ng    | # 85     |
| 36) 4-Chloro-3-methylphenol   | 8.457  | 107  | 228216   | 41.301 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.604  | 142  | 510156   | 42.828 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.698  | 142  | 492213   | 43.015 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.769  | 216  | 217520   | 42.402 | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 8.751  | 237  | 88495    | 32.221 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 8.886  | 196  | 147585   | 41.222 | ng    | 91       |

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 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
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Manual Integrations  
 APPROVED

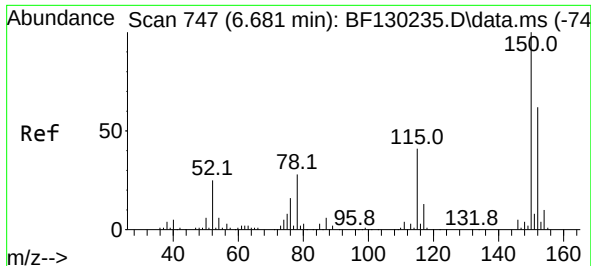
Reviewed By : Christian Giraldo 10/11/2022  
 Supervised By : Jagrut Upadhyay 10/14/2022

Quant Time: Oct 10 13:41:52 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091422.M  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 8.928  | 196  | 162883   | 42.160 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.069  | 154  | 581671   | 41.433 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.086  | 162  | 476968   | 42.000 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.192  | 65   | 143693   | 37.936 | ng    | 93       |
| 49) Acenaphthylene            | 9.504  | 152  | 709332   | 41.658 | ng    | 99       |
| 50) Dimethylphthalate         | 9.375  | 163  | 535659   | 41.254 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.439  | 165  | 119771   | 44.106 | ng    | # 74     |
| 52) Acenaphthene              | 9.675  | 154  | 462300m  | 41.323 | ng    |          |
| 53) 3-Nitroaniline            | 9.604  | 138  | 128218   | 42.373 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 9.716  | 184  | 52743    | 39.259 | ng    | 87       |
| 55) Dibenzofuran              | 9.845  | 168  | 635022   | 40.809 | ng    | 96       |
| 56) 4-Nitrophenol             | 9.780  | 139  | 75156    | 34.101 | ng    | # 77     |
| 57) 2,4-Dinitrotoluene        | 9.839  | 165  | 144626   | 41.673 | ng    | 95       |
| 58) Fluorene                  | 10.186 | 166  | 515227   | 40.486 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 9.969  | 232  | 122153   | 40.395 | ng    | 91       |
| 60) Diethylphthalate          | 10.069 | 149  | 516472   | 39.665 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.180 | 204  | 232073   | 41.570 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.216 | 138  | 116812m  | 38.428 | ng    |          |
| 63) Azobenzene                | 10.339 | 77   | 503383   | 37.544 | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 10.245 | 198  | 73724    | 45.555 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 10.304 | 169  | 424646   | 43.711 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.669 | 248  | 146219   | 45.592 | ng    | 93       |
| 68) Hexachlorobenzene         | 10.727 | 284  | 162458   | 44.687 | ng    | 95       |
| 69) Atrazine                  | 10.833 | 200  | 112237   | 39.533 | ng    | 95       |
| 70) Pentachlorophenol         | 10.933 | 266  | 74101    | 37.979 | ng    | 99       |
| 71) Phenanthrene              | 11.145 | 178  | 688544   | 42.184 | ng    | 100      |
| 72) Anthracene                | 11.192 | 178  | 673719   | 42.772 | ng    | 100      |
| 73) Carbazole                 | 11.357 | 167  | 565710   | 39.796 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.686 | 149  | 667791   | 38.956 | ng    | 99       |
| 75) Fluoranthene              | 12.327 | 202  | 601945   | 38.165 | ng    | 98       |
| 77) Benzidine                 | 12.457 | 184  | 198935   | 44.853 | ng    | 99       |
| 78) Pyrene                    | 12.551 | 202  | 579209   | 43.335 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.180 | 149  | 208014   | 42.010 | ng    | 96       |
| 81) Benzo(a)anthracene        | 13.739 | 228  | 432268   | 42.529 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.710 | 252  | 143191   | 51.754 | ng    | 98       |
| 83) Chrysene                  | 13.774 | 228  | 419613   | 43.480 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.739 | 149  | 263550   | 46.468 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.351 | 149  | 432197   | 49.822 | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.433 | 276  | 553782   | 48.734 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 14.745 | 252  | 395171   | 37.783 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 14.774 | 252  | 411755   | 40.022 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.074 | 252  | 355453   | 42.898 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.445 | 278  | 455367   | 48.849 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 16.827 | 276  | 465404   | 49.561 | ng    | 98       |

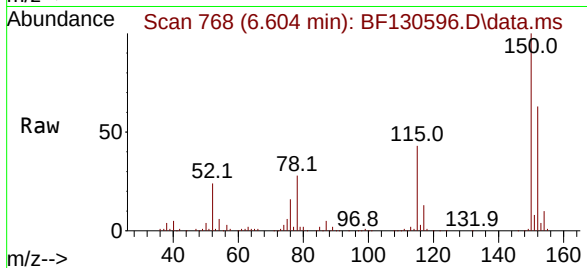
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.604 min Scan# 7  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

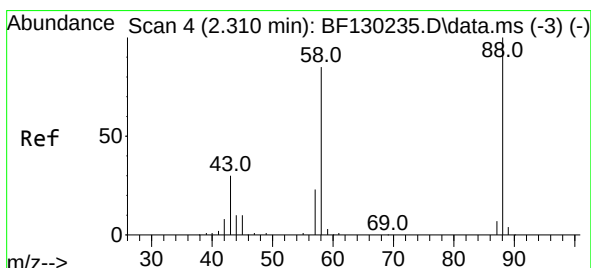
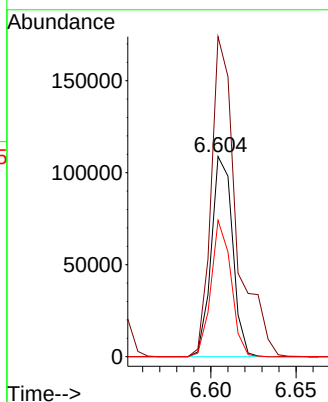
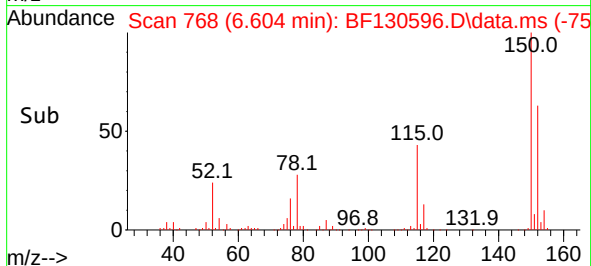
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:152 Resp: 9469  
Ion Ratio Lower Upper  
152 100  
150 159.9 122.8 184.2  
115 68.1 53.8 80.8

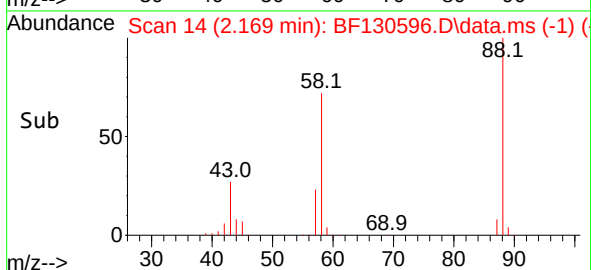
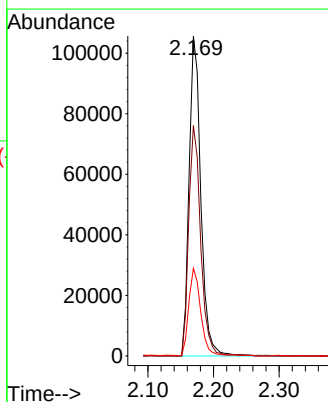
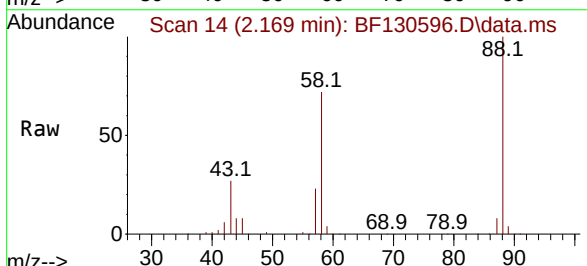
Manual Integrations  
APPROVED

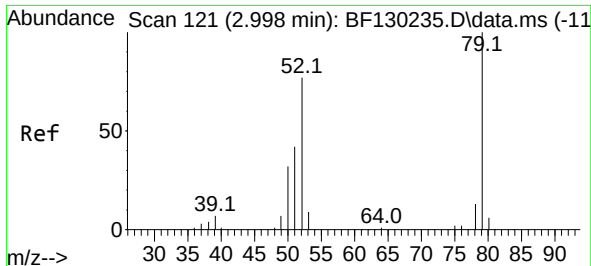
Reviewed By :Christian Giraldo 10/11/2022  
Supervised By :Jagrut Upadhyay 10/14/2022



#2  
1,4-Dioxane  
Concen: 52.376 ng  
RT: 2.169 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

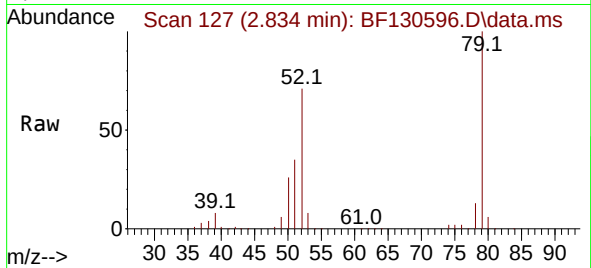
Tgt Ion: 88 Resp: 131321  
Ion Ratio Lower Upper  
88 100  
58 73.2 61.3 91.9  
43 28.3 23.0 34.6





#3  
Pyridine  
Concen: 43.546 ng  
RT: 2.834 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

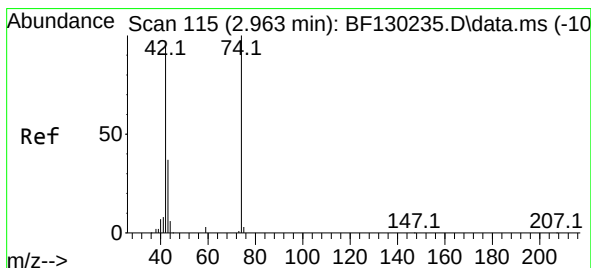
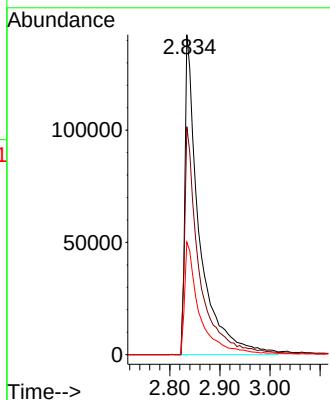
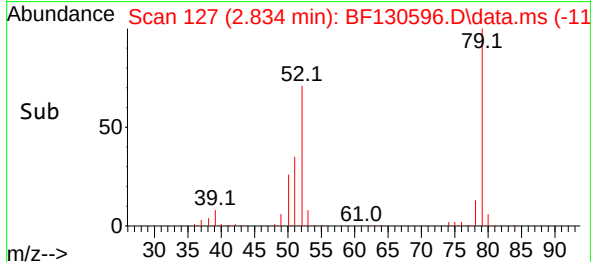
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



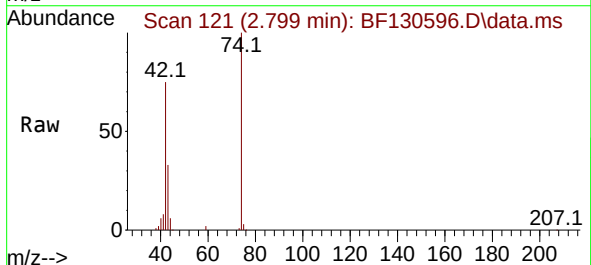
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Ion Ratio Lower Upper  
79 100  
52 71.3 62.4 93.6  
51 35.1 32.2 48.4

Manual Integrations  
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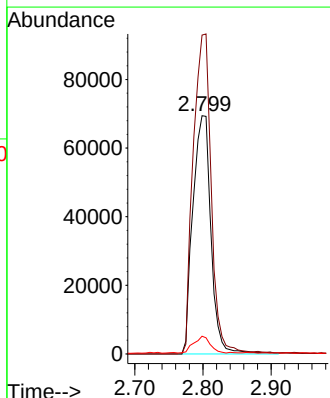
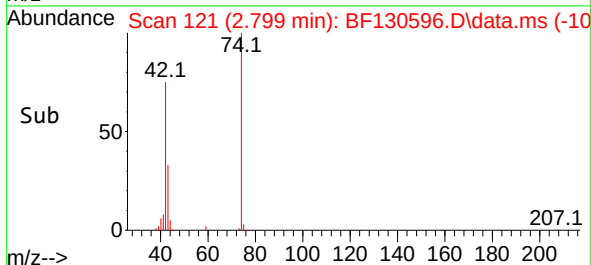
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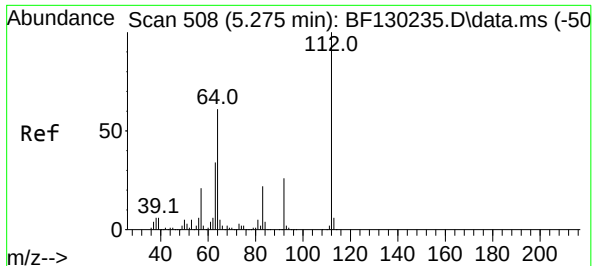


#4  
n-Nitrosodimethylamine  
Concen: 35.865 ng  
RT: 2.799 min Scan# 121  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42



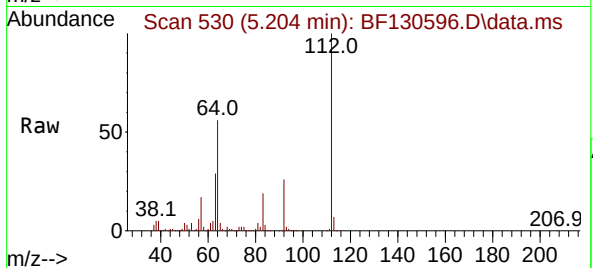
Tgt Ion: 42 Resp: 127582  
Ion Ratio Lower Upper  
42 100  
74 133.8 88.4 132.6#  
44 7.4 5.0 7.4





#5  
2-Fluorophenol  
Concen: 87.370 ng  
RT: 5.204 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

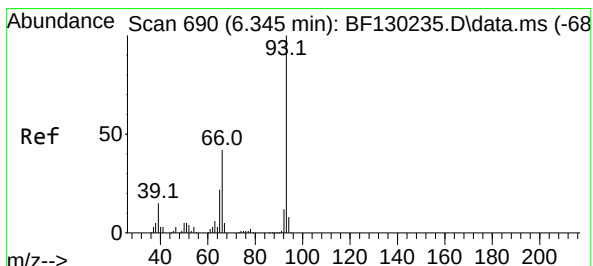
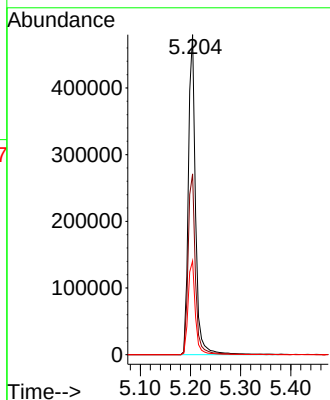
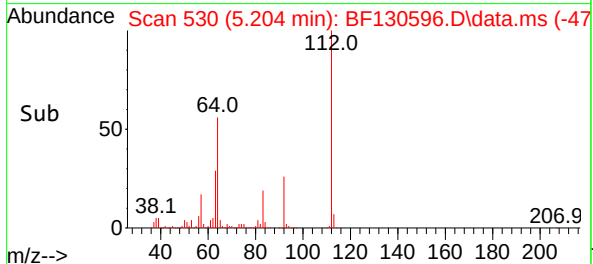
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 112 Resp: 47698  
Ion Ratio Lower Upper  
112 100  
64 56.5 51.4 77.0  
63 29.3 28.8 43.2

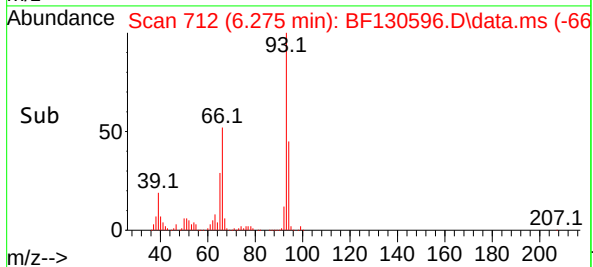
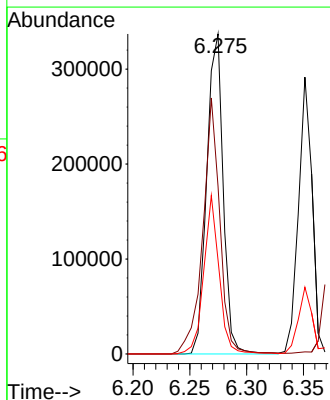
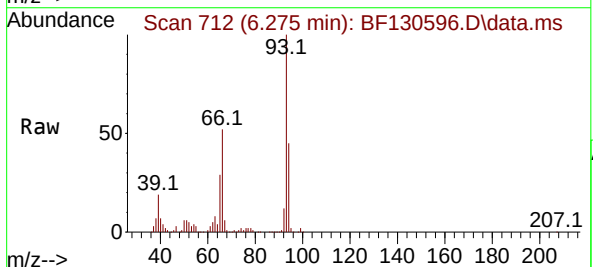
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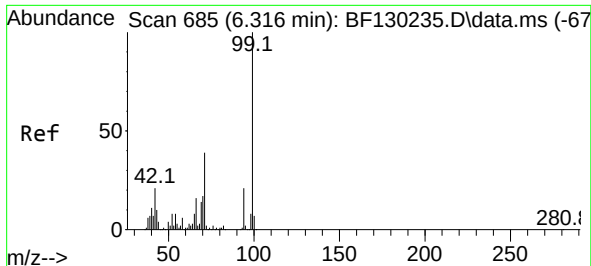
Reviewed By :Christian Giraldo 10/11/2022  
Supervised By :Jagrut Upadhyay 10/14/2022



#6  
Aniline  
Concen: 40.291 ng  
RT: 6.275 min Scan# 712  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

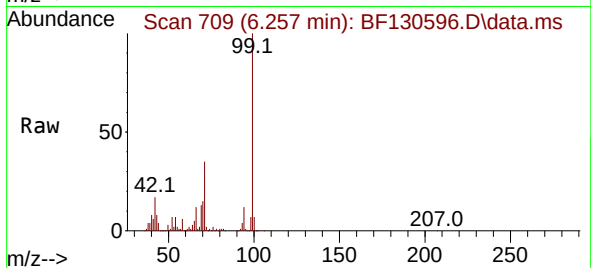
Tgt Ion: 93 Resp: 339113  
Ion Ratio Lower Upper  
93 100  
66 52.4 34.2 51.4#  
65 29.4 16.6 24.8#





#7  
Phenol-d6  
Concen: 83.031 ng  
RT: 6.257 min Scan# 709  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

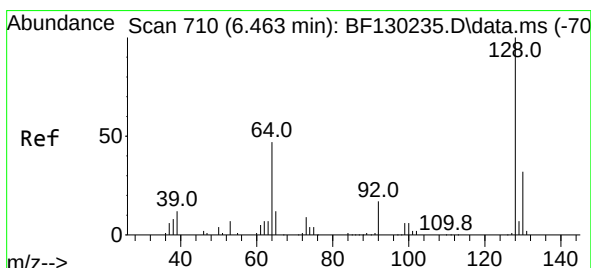
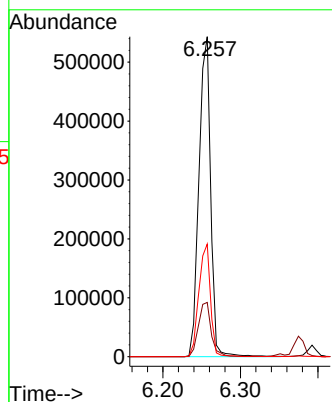
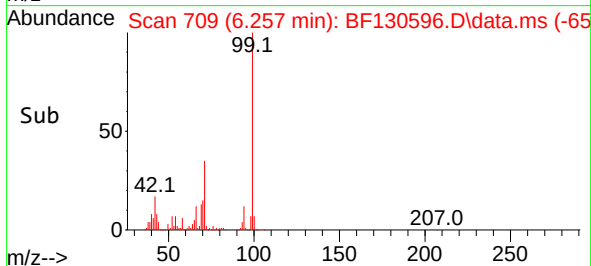
Instrument :  
BNA\_F  
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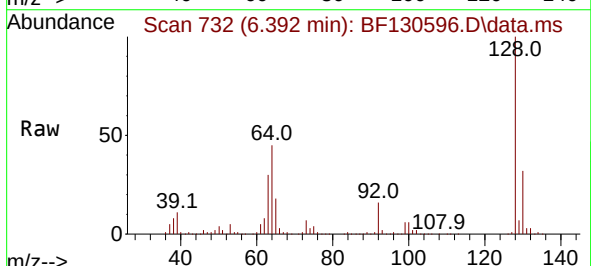
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Ion Ratio Lower Upper  
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71 35.2 32.3 48.5

Manual Integrations  
APPROVED

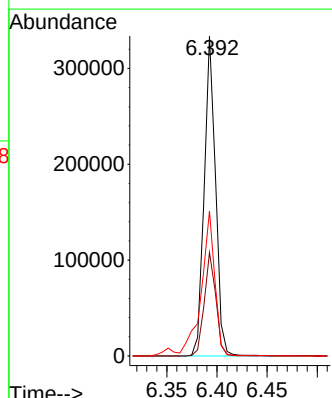
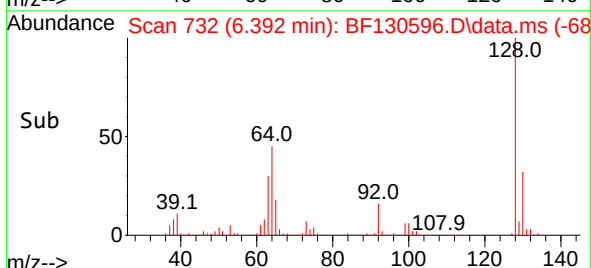
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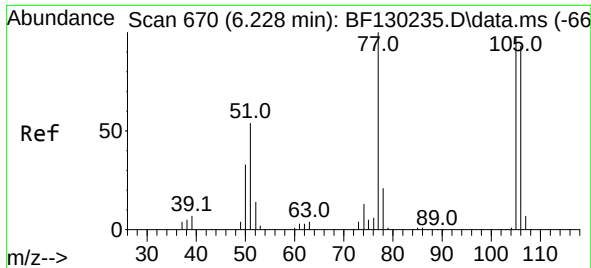


#8  
2-Chlorophenol  
Concen: 42.404 ng  
RT: 6.392 min Scan# 732  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42



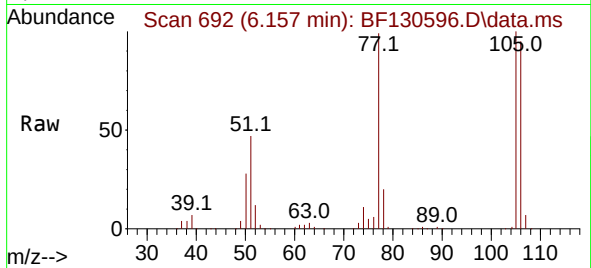
Tgt Ion:128 Resp: 263707  
Ion Ratio Lower Upper  
128 100  
130 32.3 12.4 52.4  
64 45.3 31.6 71.6





#9  
Benzaldehyde  
Concen: 37.457 ng  
RT: 6.157 min Scan# 692  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

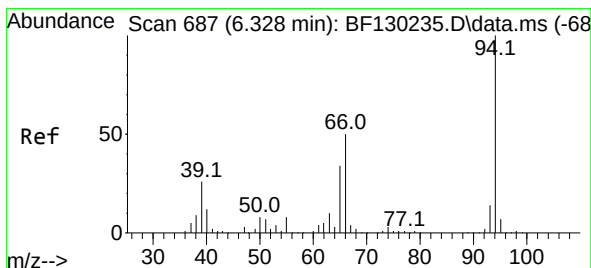
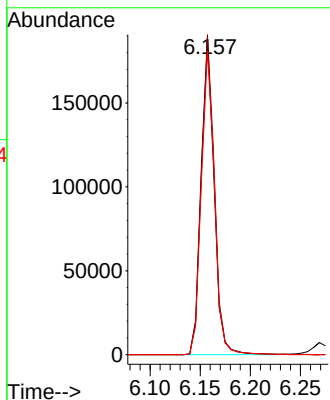
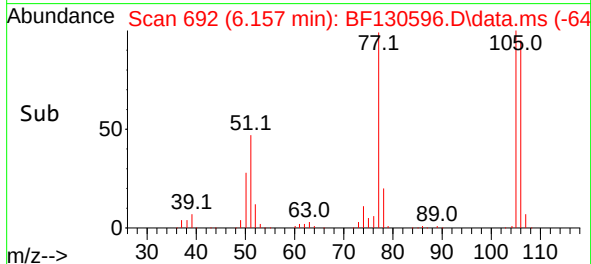
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



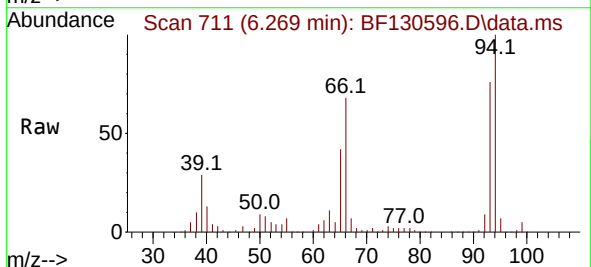
Tgt Ion: 77 Resp: 171390  
Ion Ratio Lower Upper  
77 100  
105 100.8 75.1 115.1  
106 95.7 69.7 109.7

Manual Integrations  
APPROVED

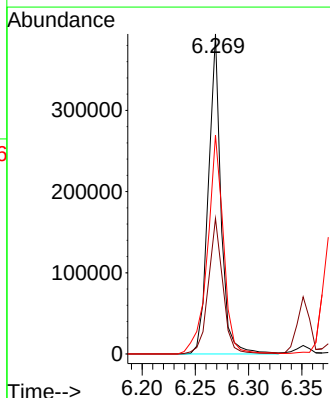
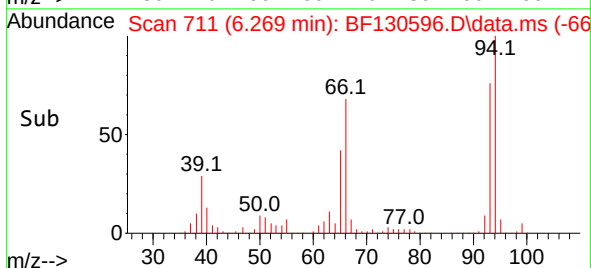
Reviewed By :Christian Giraldo 10/11/2022  
Supervised By :Jagrut Upadhyay 10/14/2022



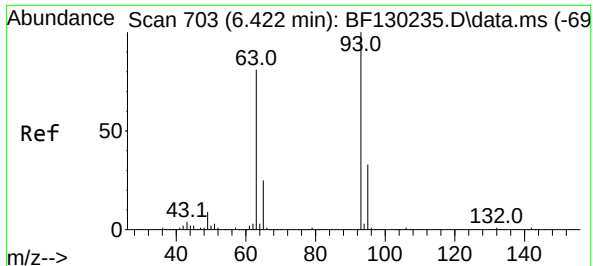
#10  
Phenol  
Concen: 40.718 ng  
RT: 6.269 min Scan# 711  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42



Tgt Ion: 94 Resp: 325959  
Ion Ratio Lower Upper  
94 100  
65 42.4 14.1 54.1  
66 68.4 28.1 68.1#







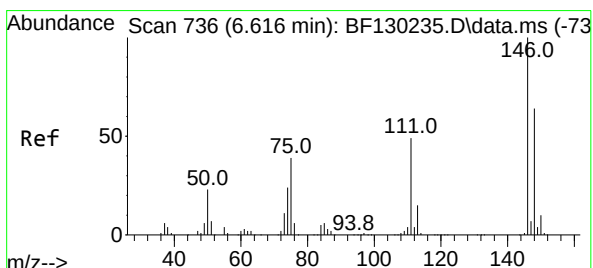
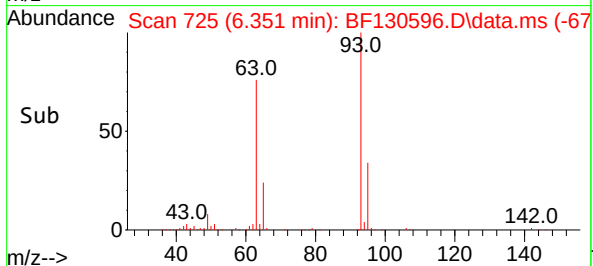
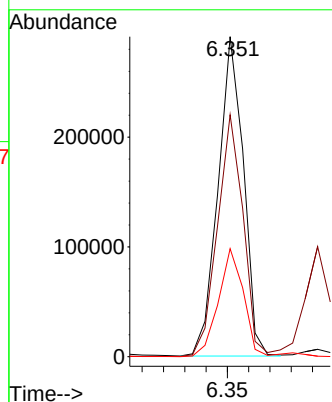
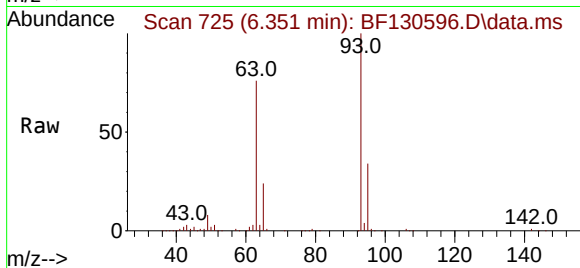
#11  
bis(2-Chloroethyl)ether  
Concen: 41.741 ng  
RT: 6.351 min Scan# 703  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 93 Resp: 241014  
Ion Ratio Lower Upper  
93 100  
63 75.6 62.5 102.5  
95 33.8 12.5 52.5

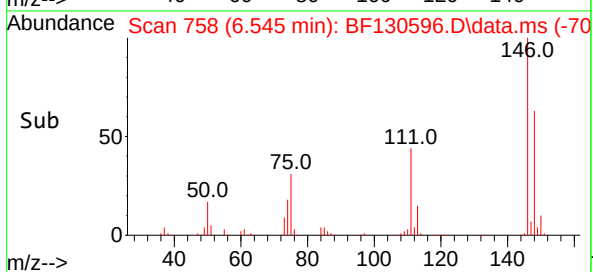
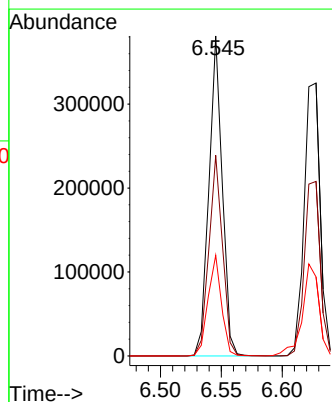
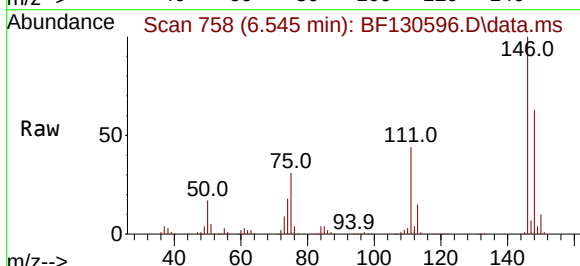
Manual Integrations  
APPROVED

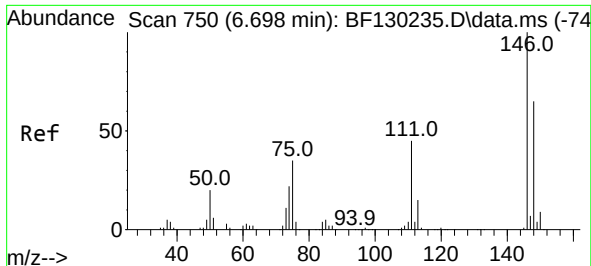
Reviewed By :Christian Giraldo 10/11/2022  
Supervised By :Jagrut Upadhyay 10/14/2022



#12  
1,3-Dichlorobenzene  
Concen: 42.288 ng  
RT: 6.545 min Scan# 758  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

Tgt Ion:146 Resp: 289375  
Ion Ratio Lower Upper  
146 100  
148 62.7 51.4 77.2  
75 31.5 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 42.754 ng

RT: 6.628 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF130596.D

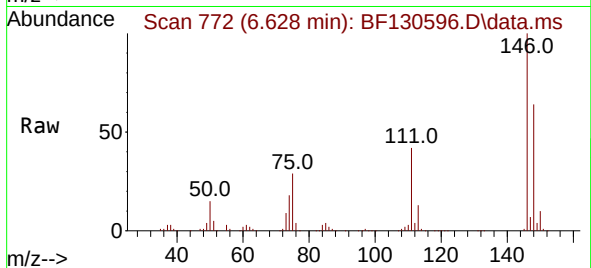
Acq: 10 Oct 2022 10:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:146 Resp: 298344

Ion Ratio Lower Upper

146 100

148 64.0 50.3 75.5

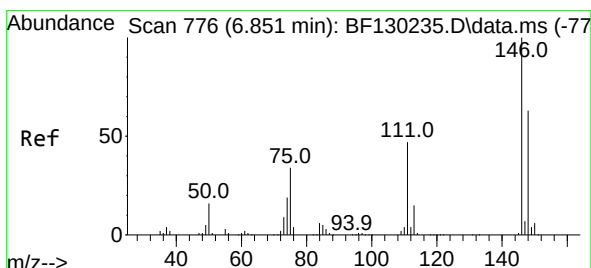
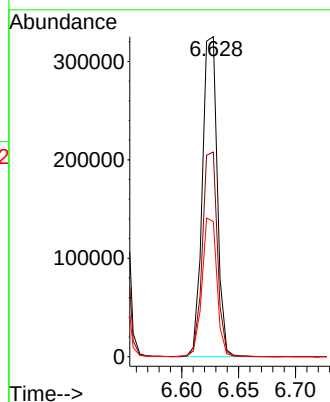
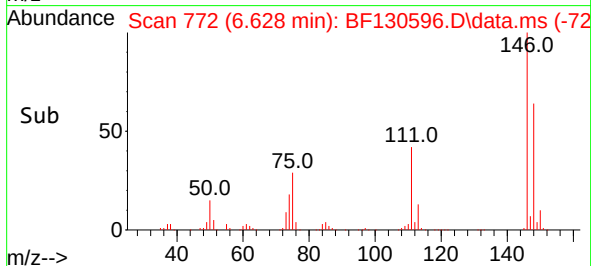
111 42.3 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/11/2022

Supervised By :Jagrut Upadhyay 10/14/2022



#14

1,2-Dichlorobenzene

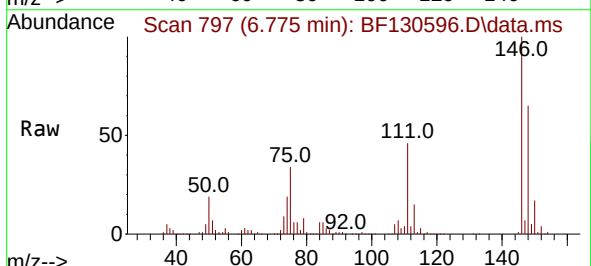
Concen: 42.048 ng

RT: 6.775 min Scan# 797

Delta R.T. 0.000 min

Lab File: BF130596.D

Acq: 10 Oct 2022 10:42



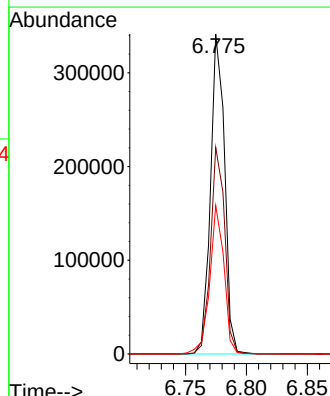
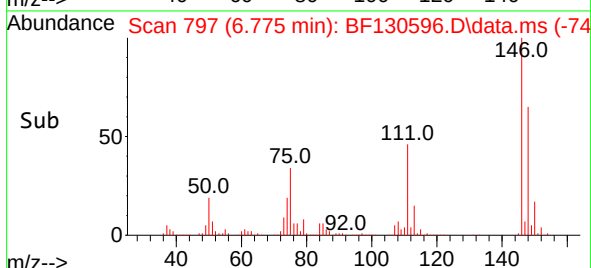
Tgt Ion:146 Resp: 274095

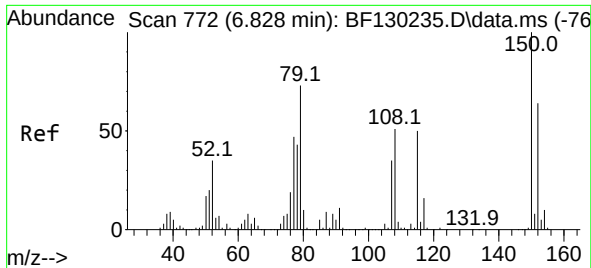
Ion Ratio Lower Upper

146 100

148 64.5 51.6 77.4

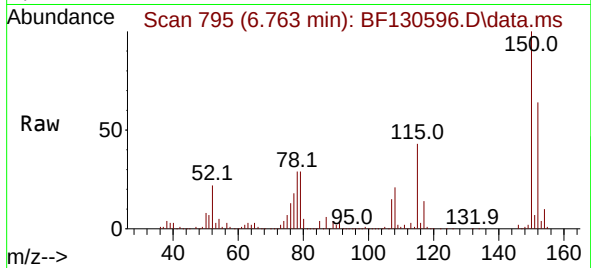
111 46.4 39.2 58.8





#15  
Benzyl Alcohol  
Concen: 37.187 ng  
RT: 6.763 min Scan# 79  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

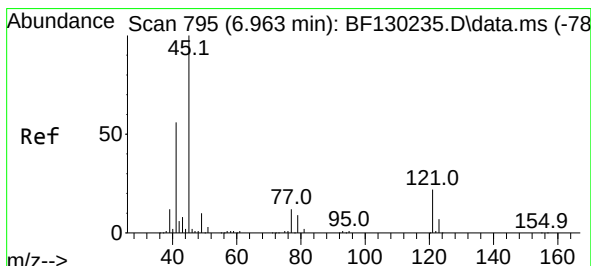
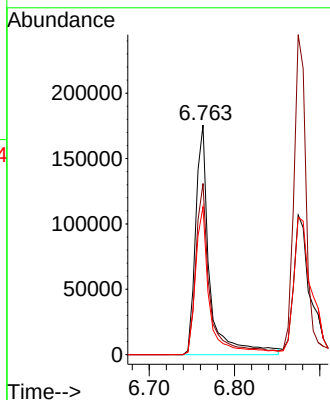
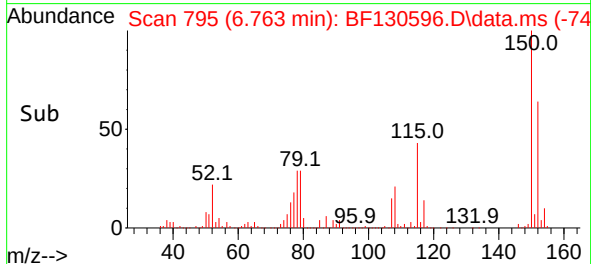
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



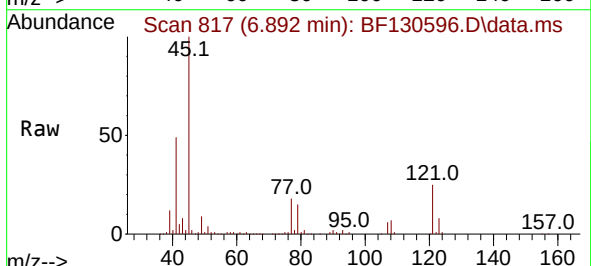
Tgt Ion: 79 Resp: 20140  
Ion Ratio Lower Upper  
79 100  
108 74.6 54.0 81.0  
77 64.4 51.3 76.9

Manual Integrations  
APPROVED

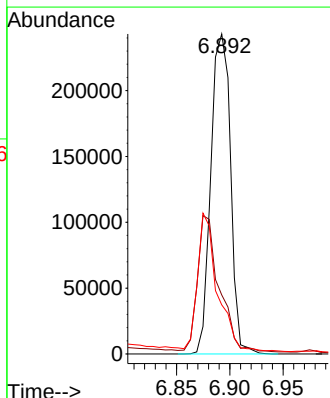
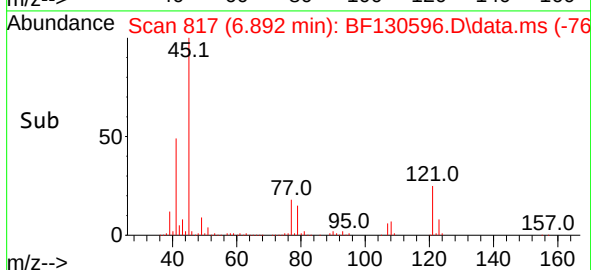
Reviewed By :Christian Giraldo 10/11/2022  
Supervised By :Jagrut Upadhyay 10/14/2022

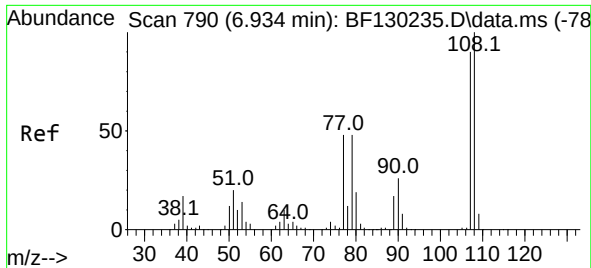


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.048 ng  
RT: 6.892 min Scan# 817  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42



Tgt Ion: 45 Resp: 311997  
Ion Ratio Lower Upper  
45 100  
77 18.4 0.0 34.9  
79 15.4 0.0 31.0





#17  
2-Methylphenol  
Concen: 43.008 ng  
RT: 6.875 min Scan# 814  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

Instrument :

BNA\_F

ClientSampleId :

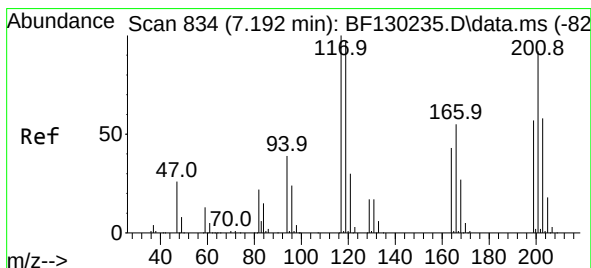
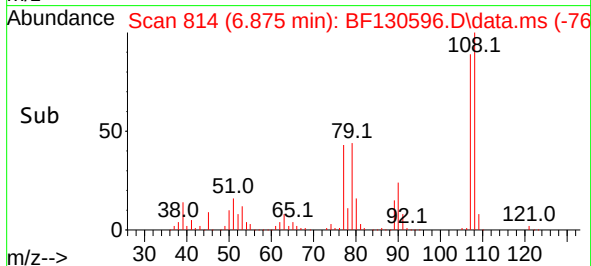
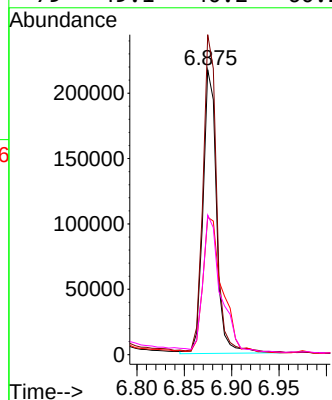
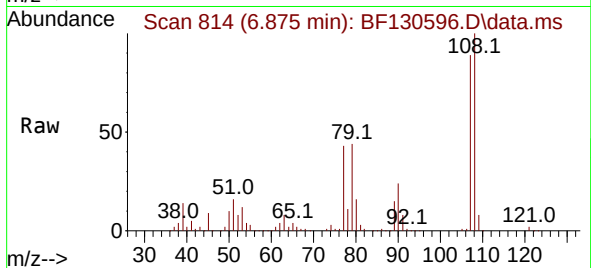
SSTDCCC040

Tgt Ion:107 Resp: 217420  
Ion Ratio Lower Upper  
107 100  
108 112.3 89.4 134.0  
77 48.2 40.6 60.8  
79 49.1 40.2 60.2

Manual Integrations

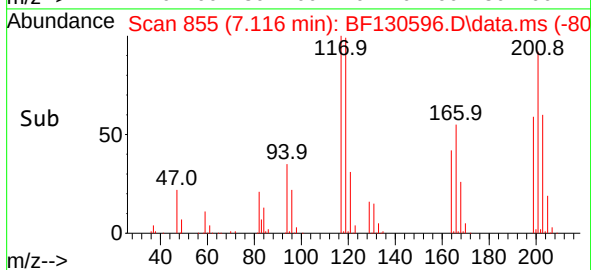
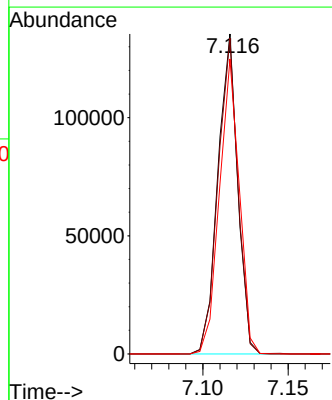
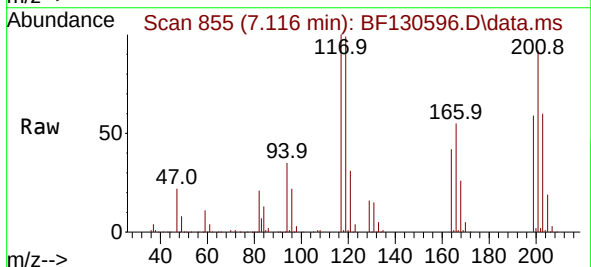
APPROVED

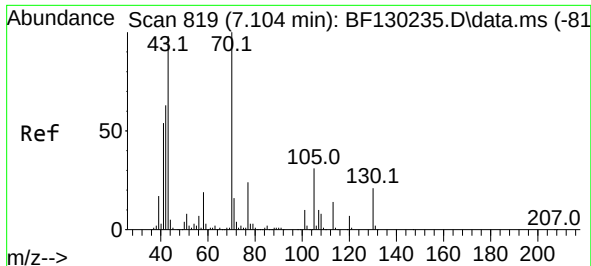
Reviewed By :Christian Giraldo 10/11/2022  
Supervised By :Jagrut Upadhyay 10/14/2022



#18  
Hexachloroethane  
Concen: 39.793 ng  
RT: 7.116 min Scan# 855  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

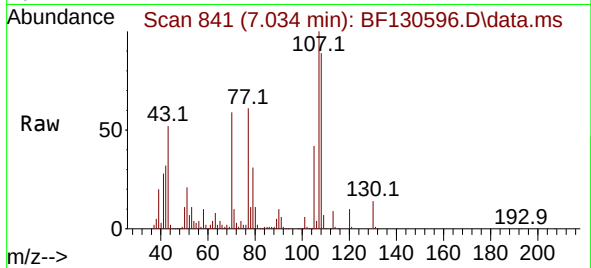
Tgt Ion:117 Resp: 109456  
Ion Ratio Lower Upper  
117 100  
119 98.7 77.8 116.6  
201 92.2 68.7 103.1





#19  
n-Nitroso-di-n-propylamine  
Concen: 38.852 ng  
RT: 7.034 min Scan# 841  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

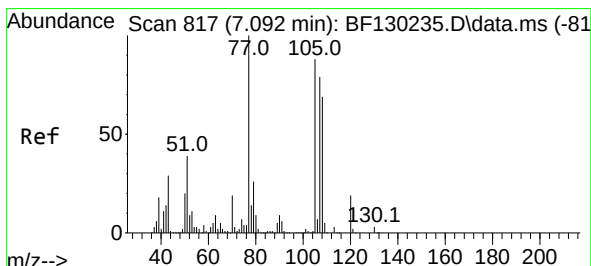
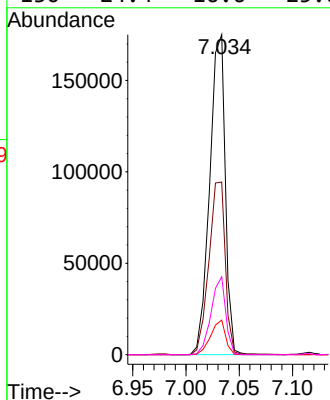
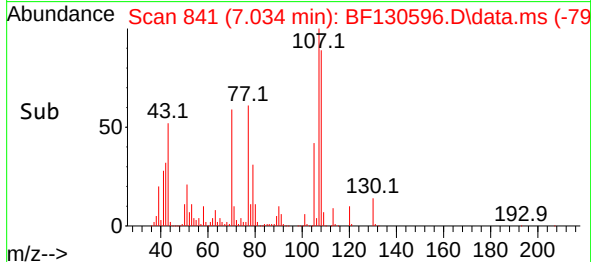
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 70 Resp: 17908  
Ion Ratio Lower Upper  
70 100  
42 53.9 50.8 76.2  
101 10.8 8.2 12.4  
130 24.4 16.6 25.0

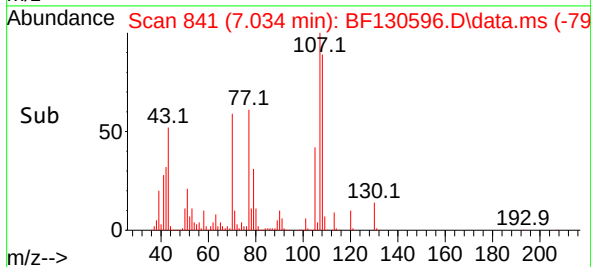
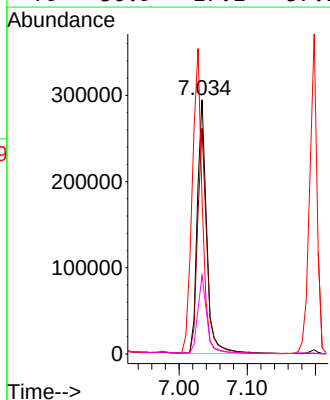
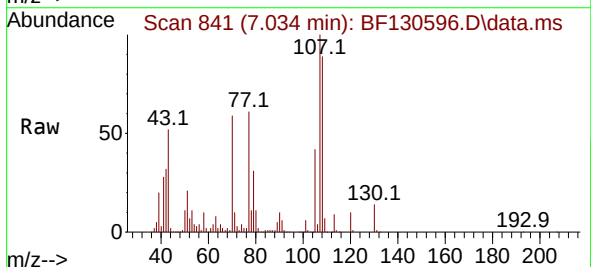
Manual Integrations  
APPROVED

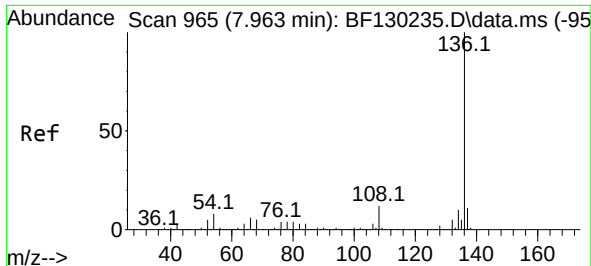
Reviewed By :Christian Giraldo 10/11/2022  
Supervised By :Jagrut Upadhyay 10/14/2022



#20  
3+4-Methylphenols  
Concen: 42.807 ng  
RT: 7.034 min Scan# 841  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

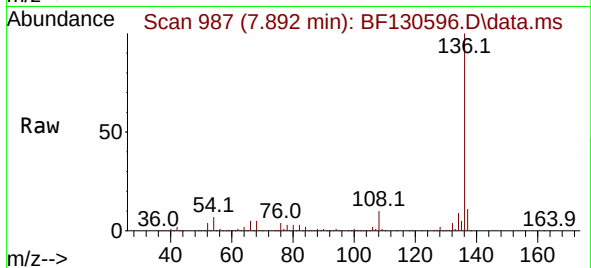
Tgt Ion:107 Resp: 281129  
Ion Ratio Lower Upper  
107 100  
108 88.8 74.8 114.8  
77 60.6 125.8 165.8#  
79 30.9 17.1 57.1





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.892 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

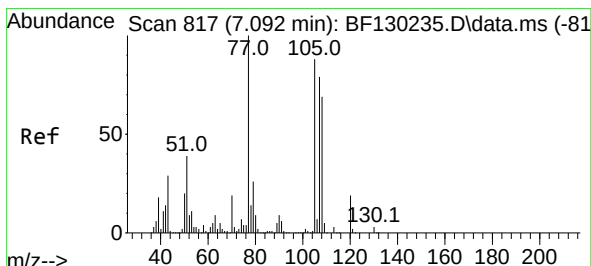
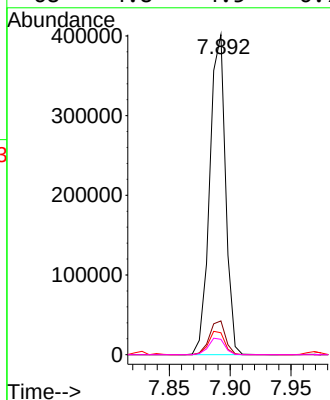
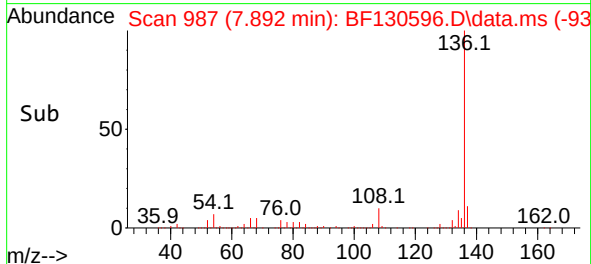
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



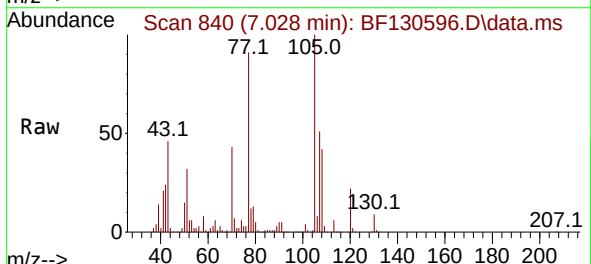
Tgt Ion:136 Resp: 36263  
Ion Ratio Lower Upper  
136 100  
137 10.5 9.1 13.7  
54 6.9 7.1 10.7  
68 4.8 4.5 6.7

Manual Integrations  
APPROVED

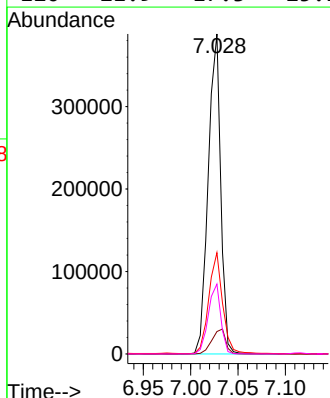
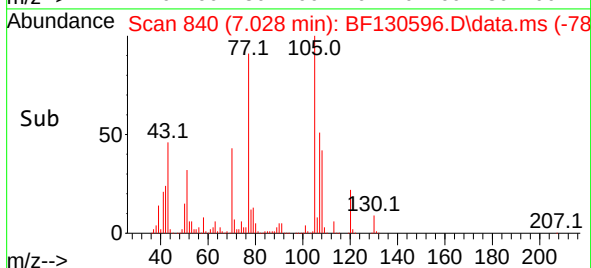
Reviewed By :Christian Giraldo 10/11/2022  
Supervised By :Jagrut Upadhyay 10/14/2022

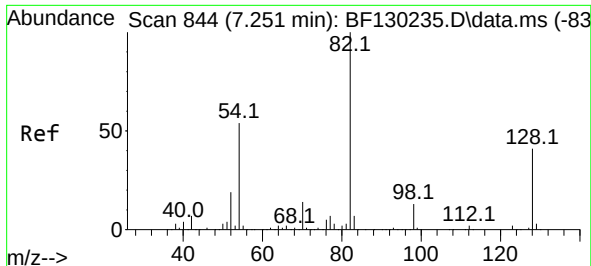


#22  
Acetophenone  
Concen: 40.076 ng  
RT: 7.028 min Scan# 840  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42



Tgt Ion:105 Resp: 355306  
Ion Ratio Lower Upper  
105 100  
71 7.0 3.9 5.9#  
51 31.6 32.2 48.2#  
120 21.9 17.3 25.9





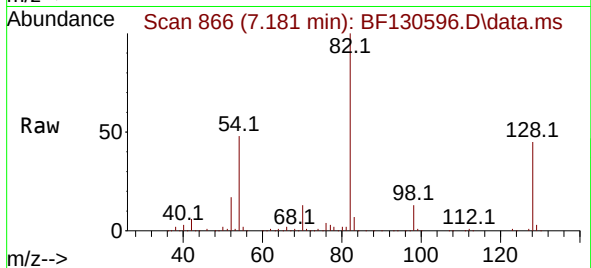
#23  
Nitrobenzene-d5  
Concen: 78.405 ng  
RT: 7.181 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

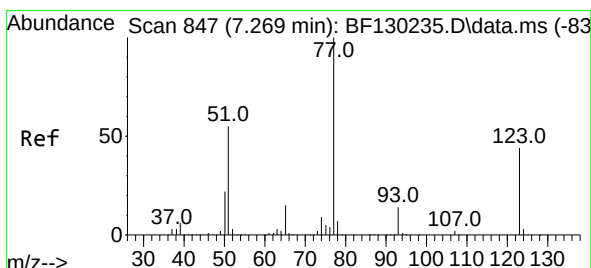
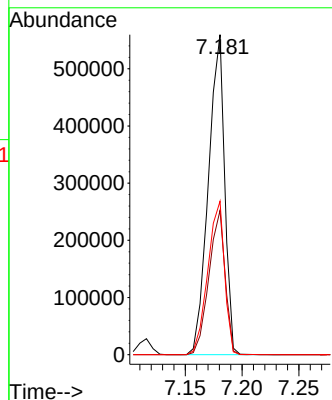
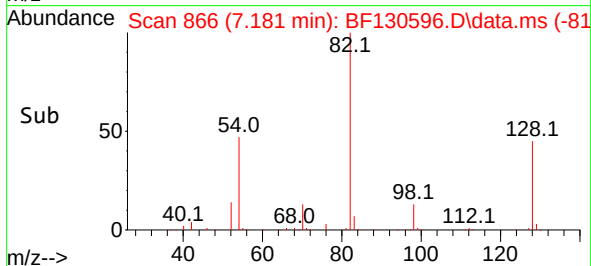


Tgt Ion: 82 Resp: 55652  
Ion Ratio Lower Upper  
82 100  
128 45.1 32.6 49.0  
54 47.9 43.8 65.6

Manual Integrations

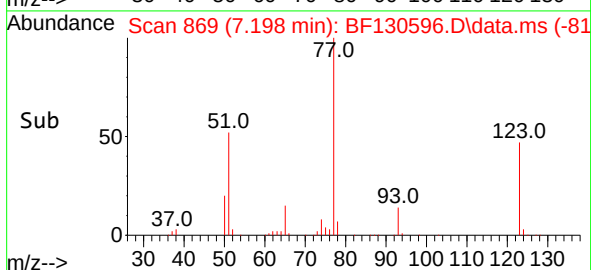
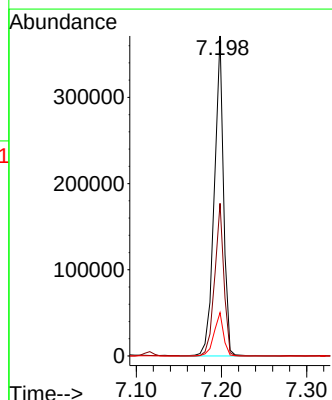
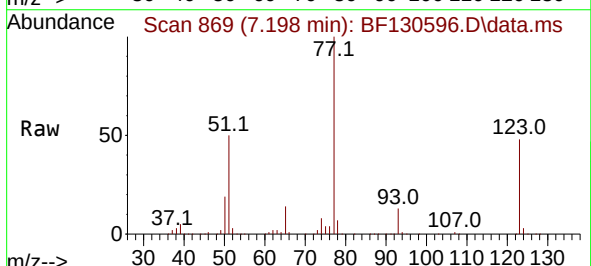
APPROVED

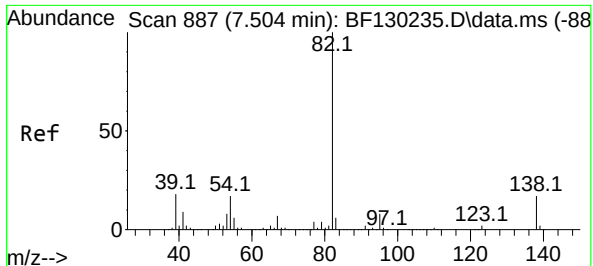
Reviewed By :Christian Giraldo 10/11/2022  
Supervised By :Jagrut Upadhyay 10/14/2022



#24  
Nitrobenzene  
Concen: 39.028 ng  
RT: 7.198 min Scan# 869  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

Tgt Ion: 77 Resp: 281286  
Ion Ratio Lower Upper  
77 100  
123 47.7 34.3 51.5  
65 13.6 12.0 18.0





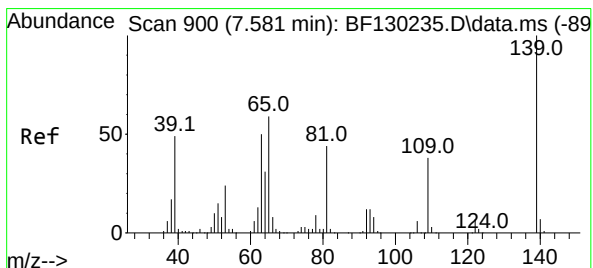
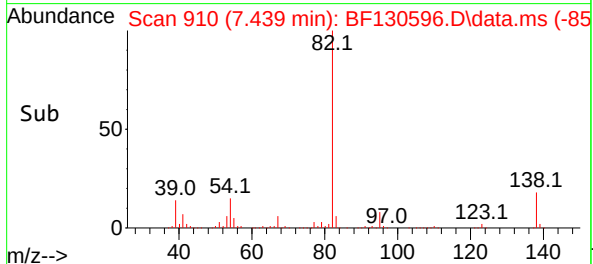
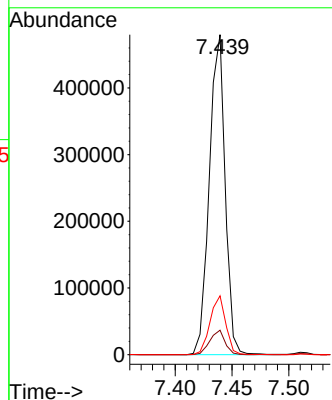
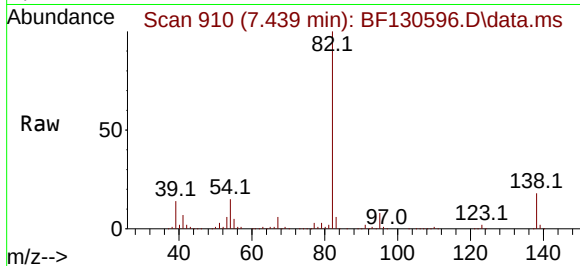
#25  
Isophorone  
Concen: 40.609 ng  
RT: 7.439 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 464580  
Ion Ratio Lower Upper  
82 100  
95 7.7 6.4 9.6  
138 18.4 13.8 20.6

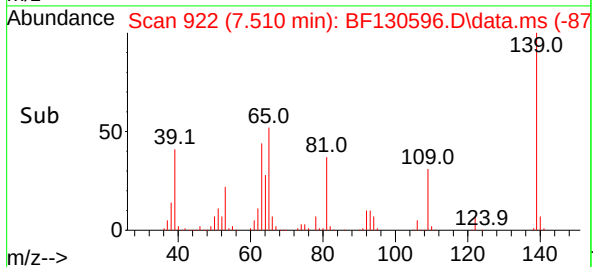
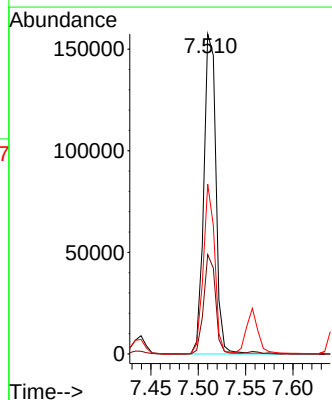
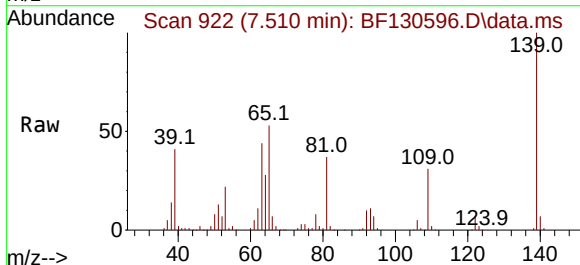
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Supervised By :Jagrut Upadhyay 10/14/2022

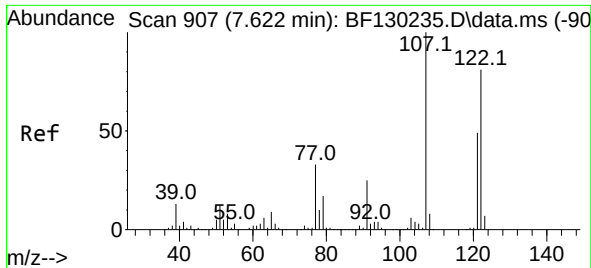


#26  
2-Nitrophenol  
Concen: 47.678 ng  
RT: 7.510 min Scan# 922  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

Tgt Ion:139 Resp: 140866  
Ion Ratio Lower Upper  
139 100  
109 31.1 30.2 45.4  
65 53.1 48.9 73.3







#27

2,4-Dimethylphenol

Concen: 43.459 ng

RT: 7.557 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF130596.D

Acq: 10 Oct 2022 10:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

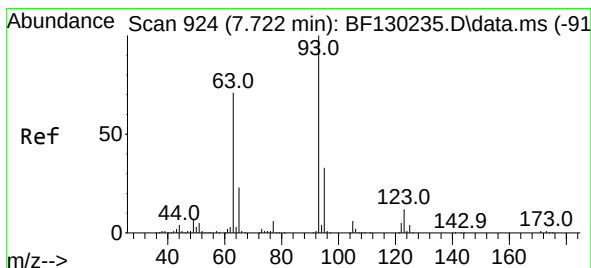
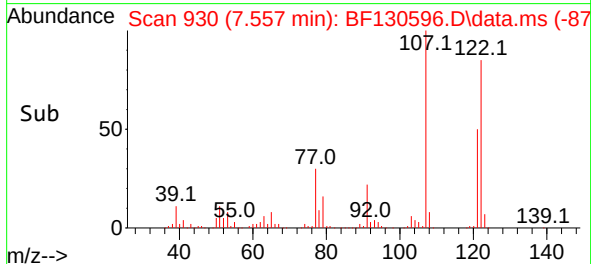
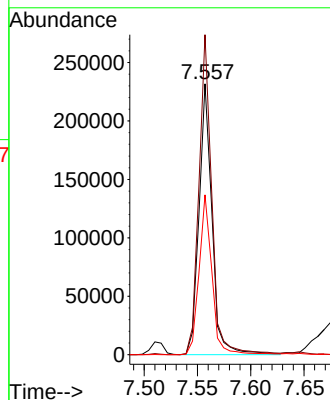
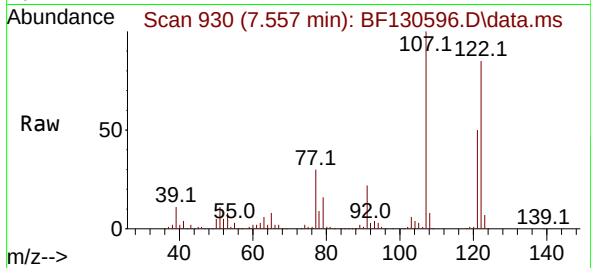
Tgt Ion:122 Resp: 197705  
 Ion Ratio Lower Upper  
 122 100  
 107 118.1 100.2 150.2  
 121 59.0 47.8 71.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 10/14/2022



#28

bis(2-Chloroethoxy)methane

Concen: 42.764 ng

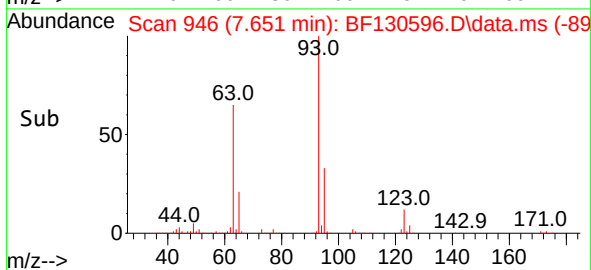
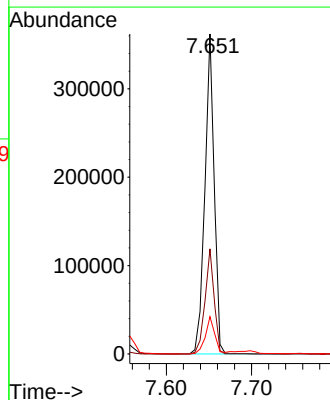
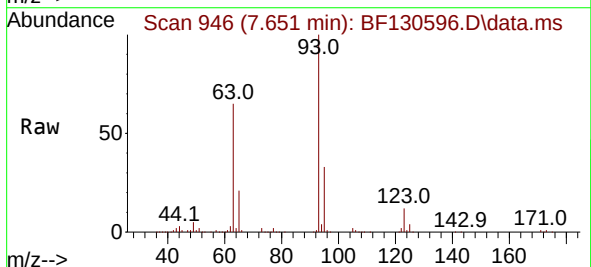
RT: 7.651 min Scan# 946

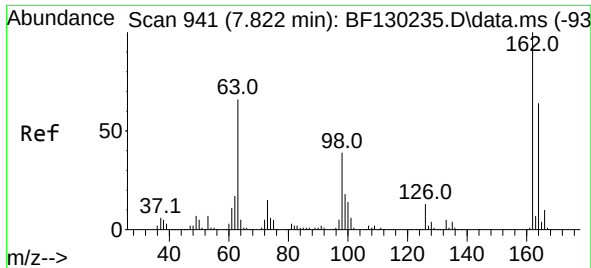
Delta R.T. 0.000 min

Lab File: BF130596.D

Acq: 10 Oct 2022 10:42

Tgt Ion: 93 Resp: 275482  
 Ion Ratio Lower Upper  
 93 100  
 95 32.9 26.3 39.5  
 123 11.6 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 43.958 ng

RT: 7.757 min Scan# 914

Delta R.T. 0.000 min

Lab File: BF130596.D

Acq: 10 Oct 2022 10:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

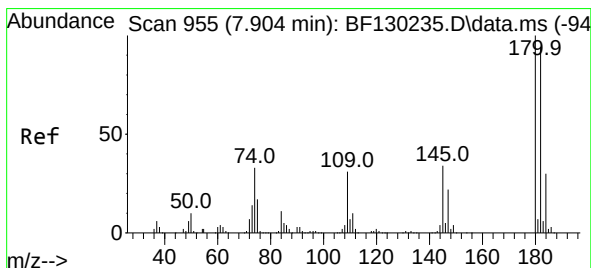
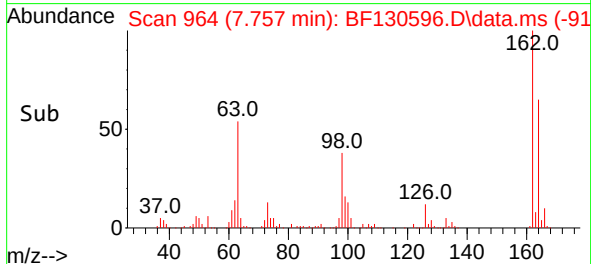
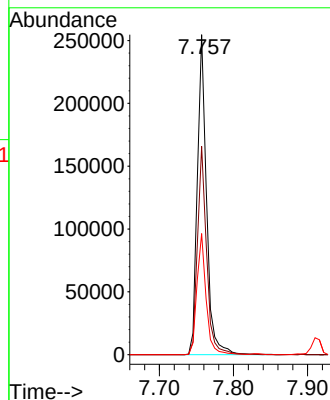
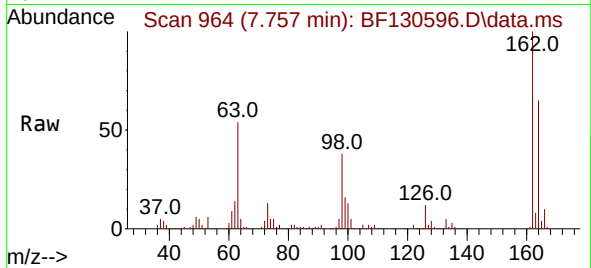
Tgt Ion:162 Resp: 21914  
 Ion Ratio Lower Upper  
 162 100  
 164 65.1 42.2 82.2  
 98 37.8 21.7 61.7

Manual Integrations

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Supervised By :Jagrut Upadhyay 10/14/2022



#30

1,2,4-Trichlorobenzene

Concen: 42.659 ng

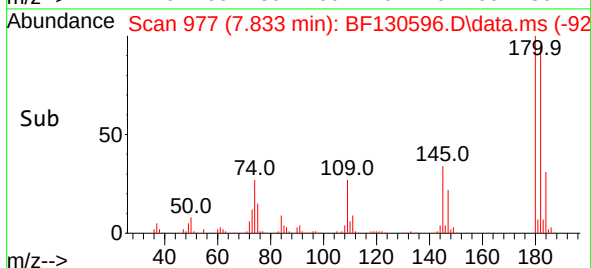
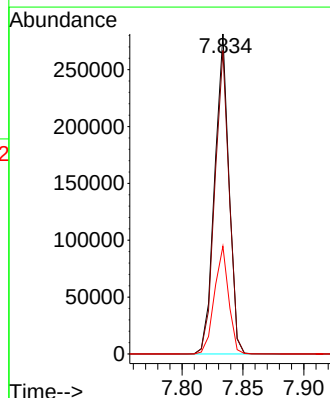
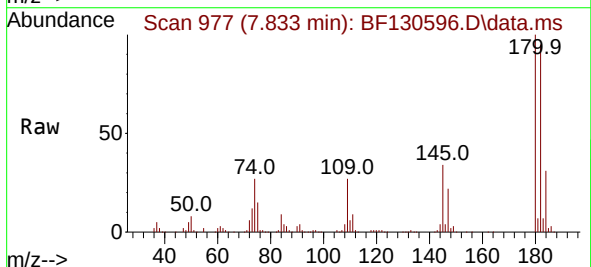
RT: 7.833 min Scan# 977

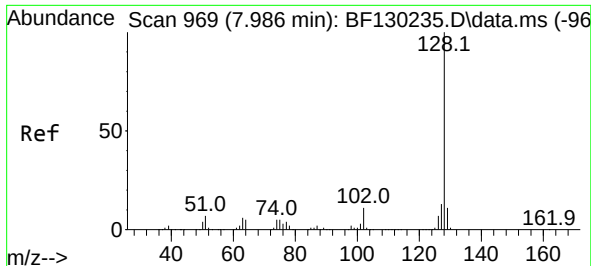
Delta R.T. 0.000 min

Lab File: BF130596.D

Acq: 10 Oct 2022 10:42

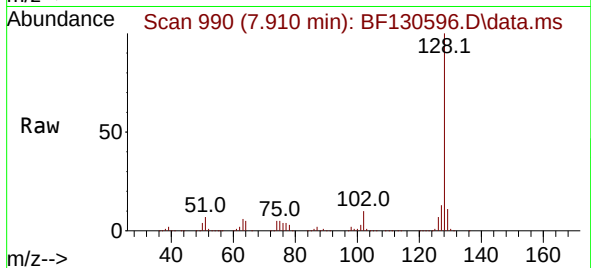
Tgt Ion:180 Resp: 229925  
 Ion Ratio Lower Upper  
 180 100  
 182 94.8 73.3 109.9  
 145 33.7 28.3 42.5





#31  
Naphthalene  
Concen: 42.306 ng  
RT: 7.910 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

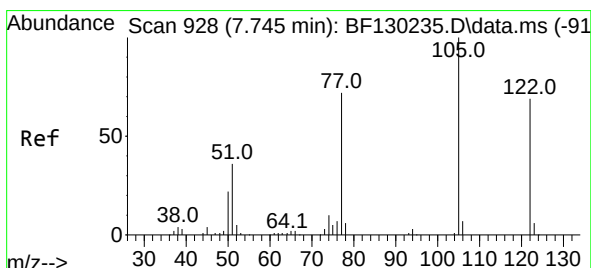
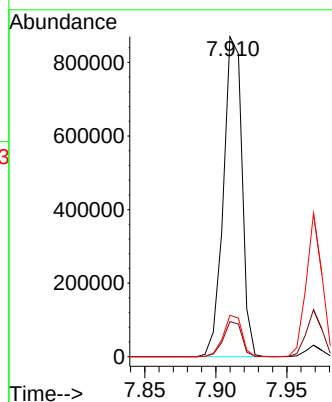
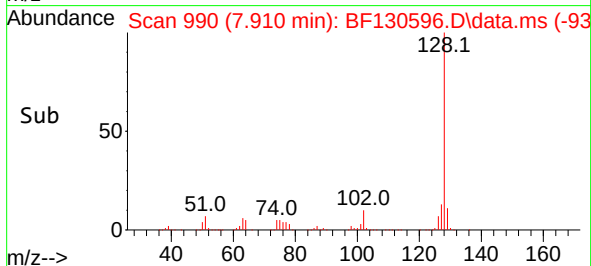
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:128 Resp: 79038  
Ion Ratio Lower Upper  
128 100  
129 10.9 9.1 13.7  
127 13.0 10.6 16.0

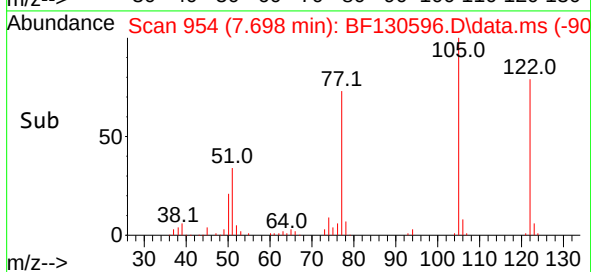
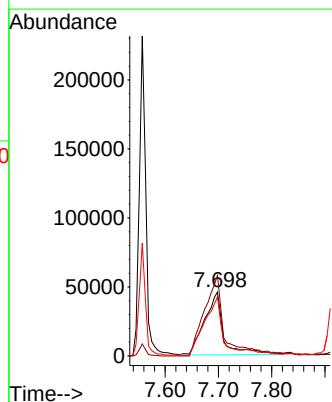
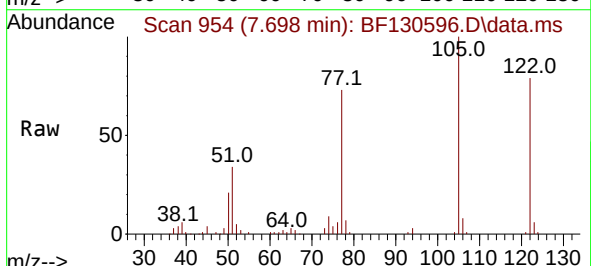
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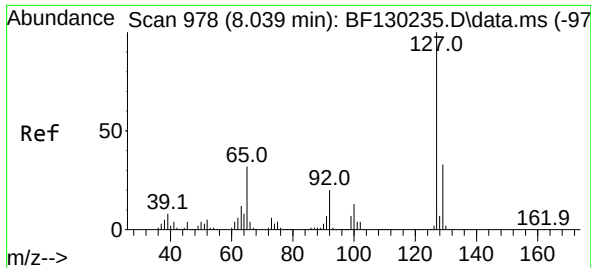
Reviewed By :Christian Giraldo 10/11/2022  
Supervised By :Jagrut Upadhyay 10/14/2022



#32  
Benzoic acid  
Concen: 32.409 ng  
RT: 7.698 min Scan# 954  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

Tgt Ion:122 Resp: 114014  
Ion Ratio Lower Upper  
122 100  
105 126.5 112.9 152.9  
77 92.4 82.8 122.8





#33  
4-Chloroaniline  
Concen: 42.958 ng  
RT: 7.969 min Scan# 1010  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

Instrument :

BNA\_F

ClientSampleId :

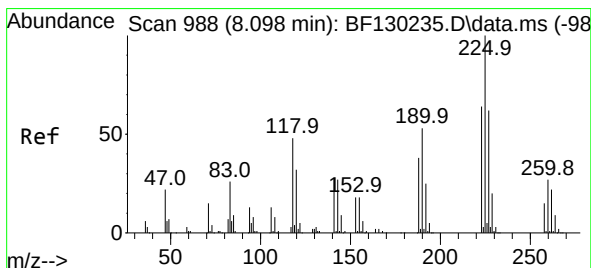
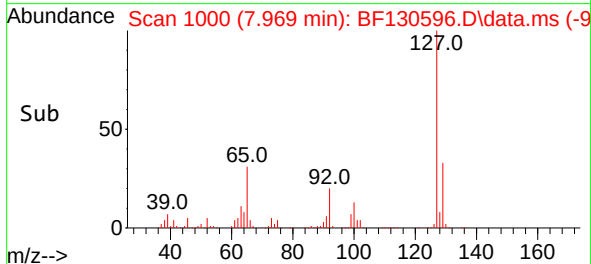
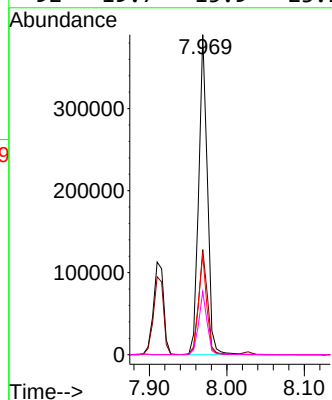
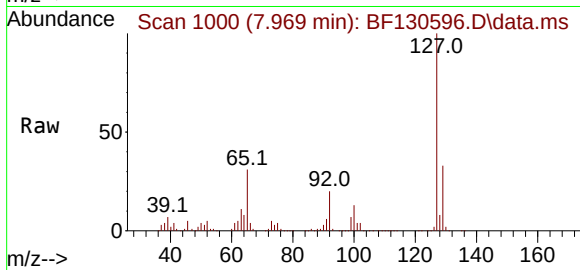
SSTDCCC040

Tgt Ion:127 Resp: 305234  
Ion Ratio Lower Upper  
127 100  
129 32.8 25.6 38.4  
65 31.3 27.0 40.6  
92 19.7 15.9 23.9

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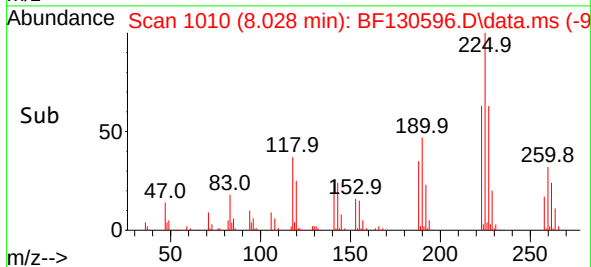
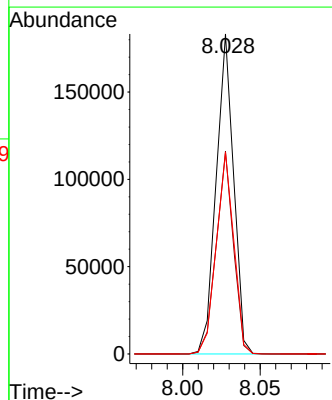
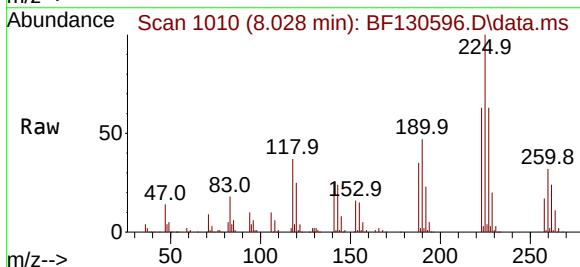
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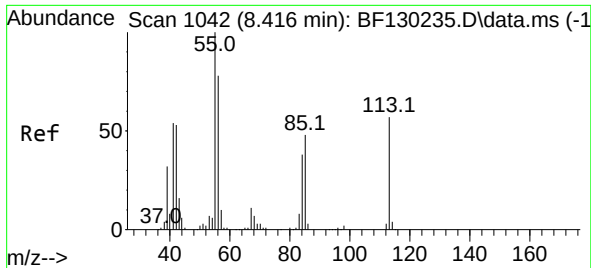
Reviewed By :Christian Giraldo 10/11/2022  
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#34  
Hexachlorobutadiene  
Concen: 41.691 ng  
RT: 8.028 min Scan# 1010  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

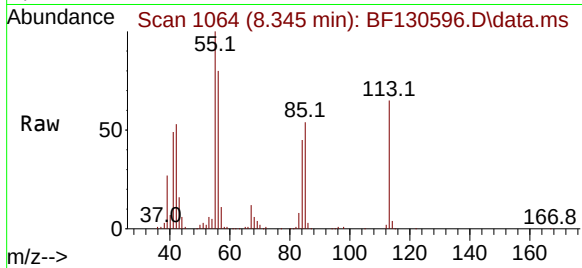
Tgt Ion:225 Resp: 143608  
Ion Ratio Lower Upper  
225 100  
223 63.3 50.3 75.5  
227 62.9 51.1 76.7





#35  
Caprolactam  
Concen: 44.069 ng  
RT: 8.345 min Scan# 1064  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

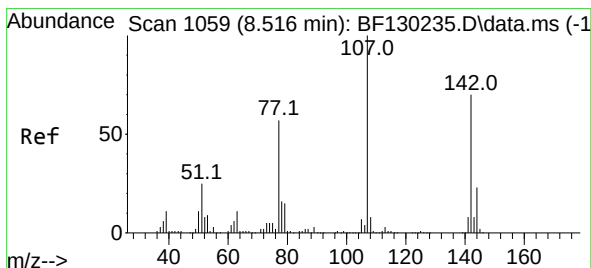
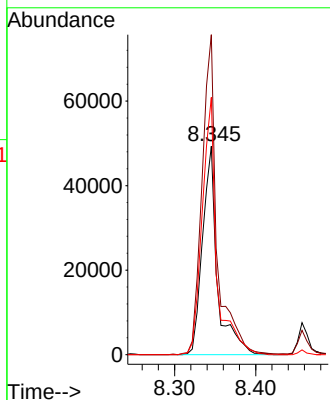
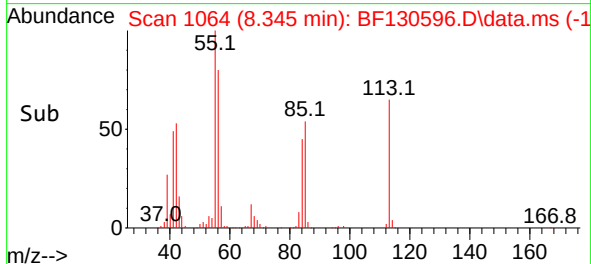
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:113 Resp: 6298  
Ion Ratio Lower Upper  
113 100  
55 153.5 155.4 195.4  
56 123.4 120.4 160.4

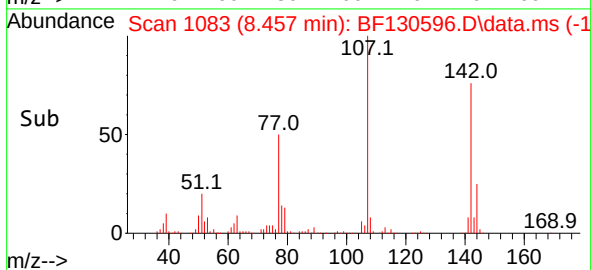
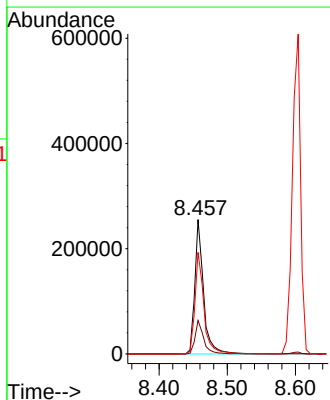
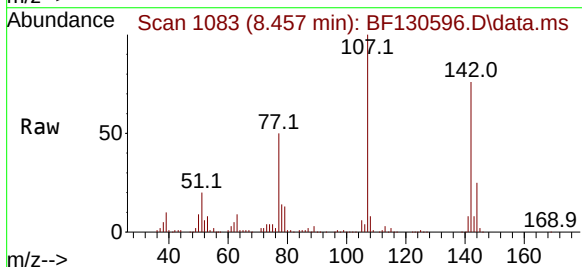
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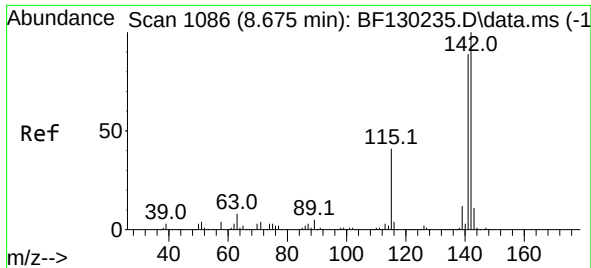
Reviewed By :Christian Giraldo 10/11/2022  
Supervised By :Jagrut Upadhyay 10/14/2022



#36  
4-Chloro-3-methylphenol  
Concen: 41.301 ng  
RT: 8.457 min Scan# 1083  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

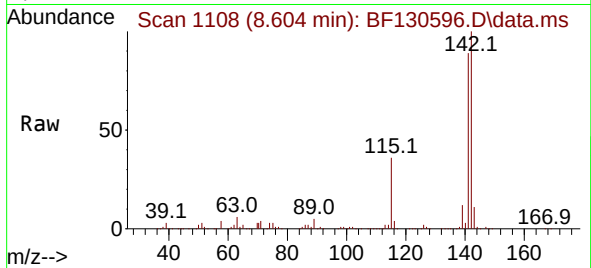
Tgt Ion:107 Resp: 228216  
Ion Ratio Lower Upper  
107 100  
144 24.8 20.0 30.0  
142 75.6 61.3 91.9





#37  
2-Methylnaphthalene  
Concen: 42.828 ng  
RT: 8.604 min Scan# 1108  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

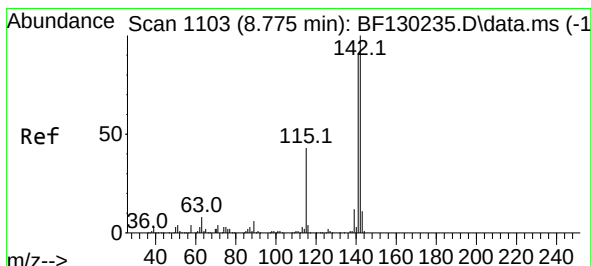
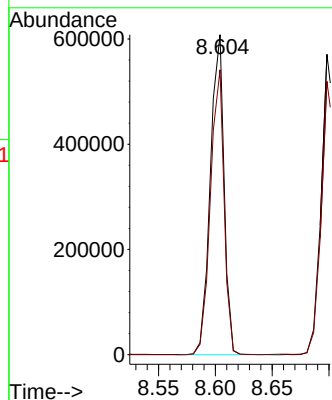
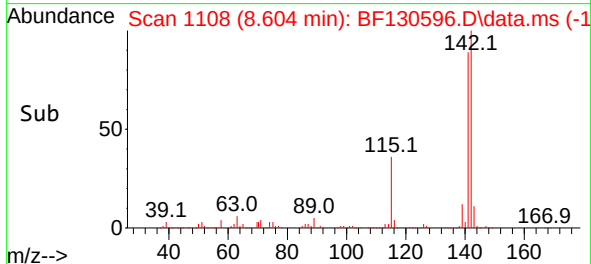
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:142 Resp: 510150  
Ion Ratio Lower Upper  
142 100  
141 89.1 70.0 105.0

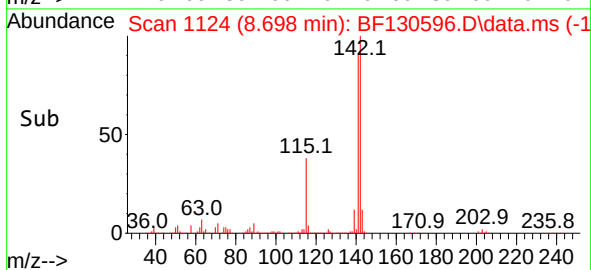
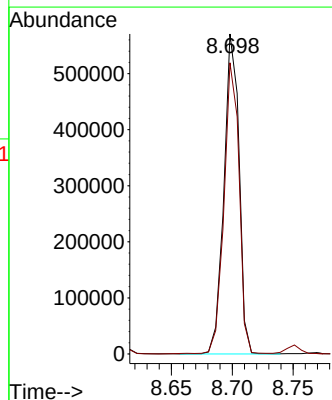
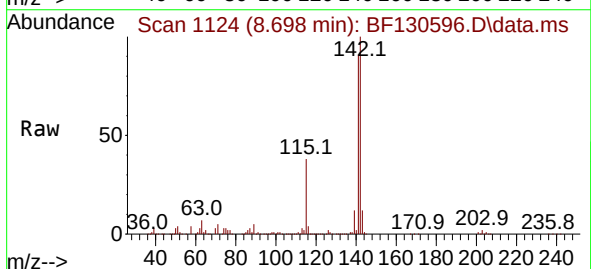
Manual Integrations  
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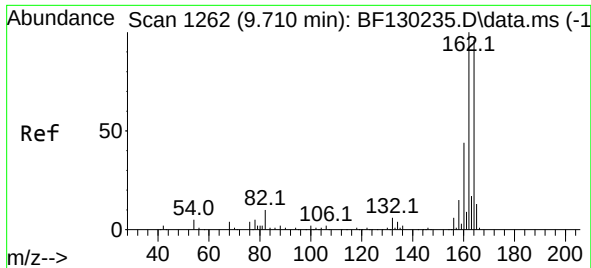
Reviewed By :Christian Giraldo 10/11/2022  
Supervised By :Jagrut Upadhyay 10/14/2022



#38  
1-Methylnaphthalene  
Concen: 43.015 ng  
RT: 8.698 min Scan# 1124  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

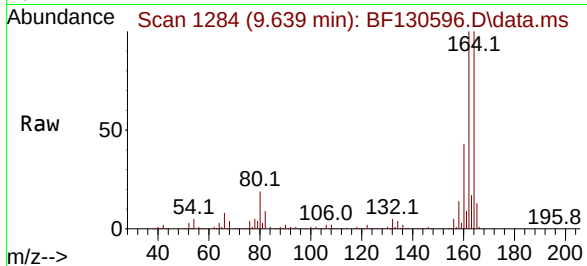
Tgt Ion:142 Resp: 492213  
Ion Ratio Lower Upper  
142 100  
141 91.0 73.8 110.8





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.639 min Scan# 1136  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

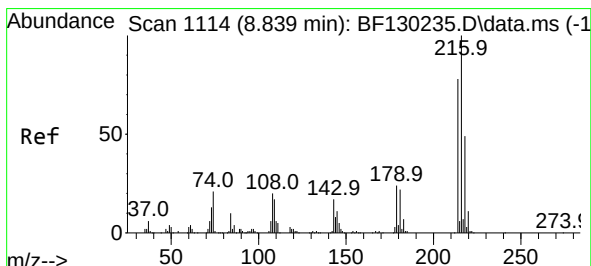
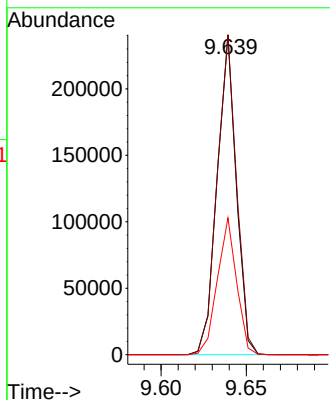
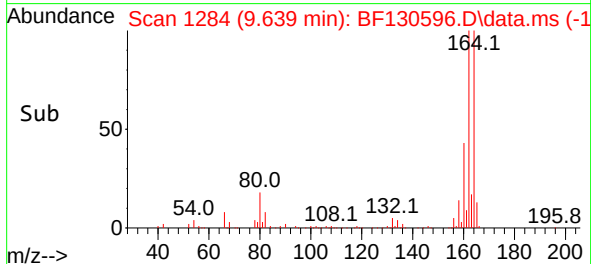
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



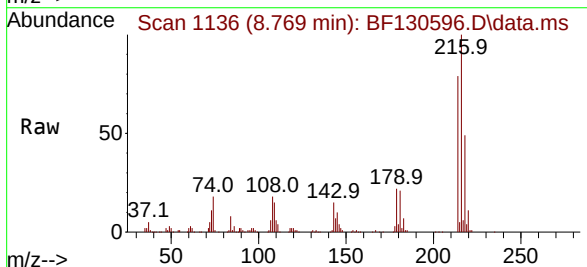
Tgt Ion:164 Resp: 187979  
Ion Ratio Lower Upper  
164 100  
162 100.1 81.4 122.0  
160 42.8 36.2 54.4

Manual Integrations  
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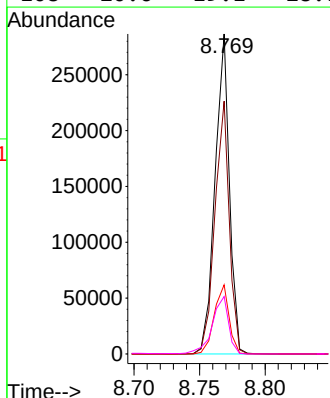
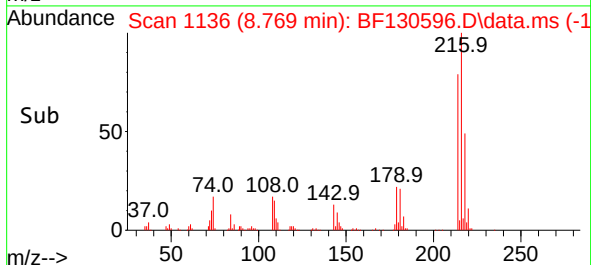
Reviewed By :Christian Giraldo 10/11/2022  
Supervised By :Jagrut Upadhyay 10/14/2022

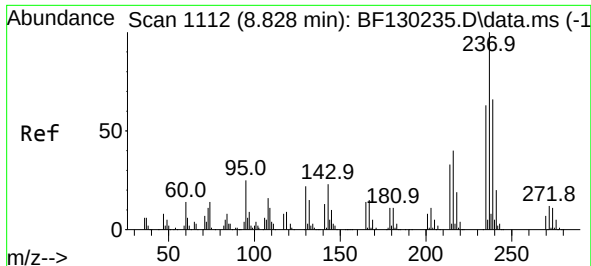


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 42.402 ng  
RT: 8.769 min Scan# 1136  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42



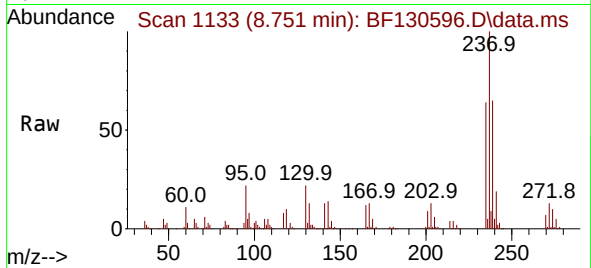
Tgt Ion:216 Resp: 217520  
Ion Ratio Lower Upper  
216 100  
214 79.2 62.8 94.2  
179 22.3 19.5 29.3  
108 20.6 19.1 28.7





#41  
Hexachlorocyclopentadiene  
Concen: 32.221 ng  
RT: 8.751 min Scan# 1112  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

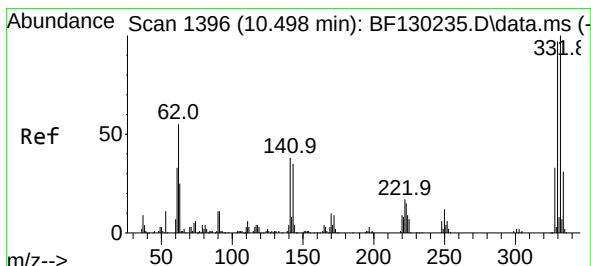
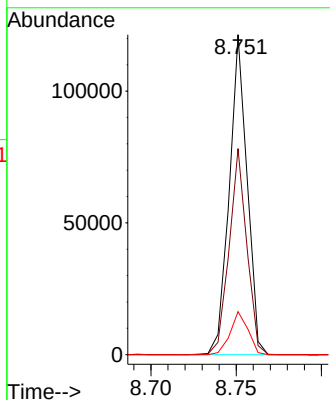
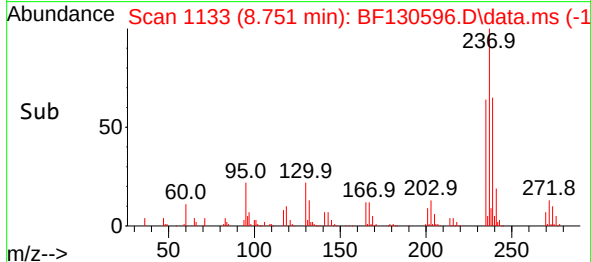
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



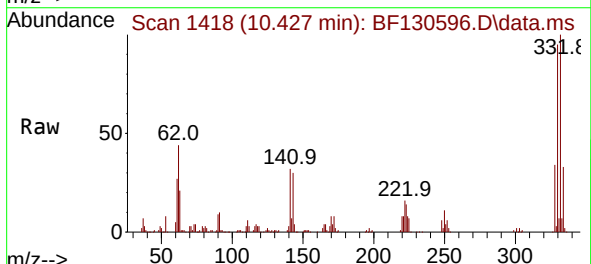
Tgt Ion:237 Resp: 8849  
Ion Ratio Lower Upper  
237 100  
235 64.4 42.5 82.5  
272 13.4 0.0 32.8

Manual Integrations  
APPROVED

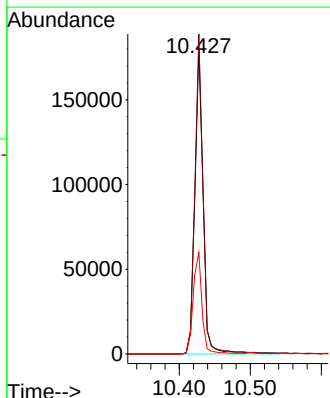
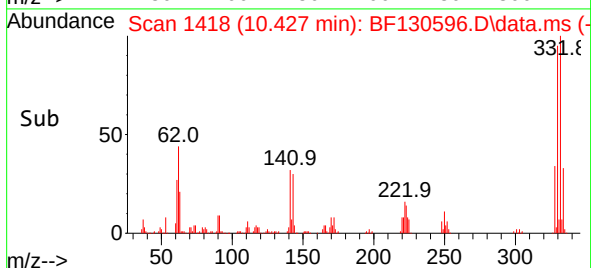
Reviewed By :Christian Giraldo 10/11/2022  
Supervised By :Jagrut Upadhyay 10/14/2022



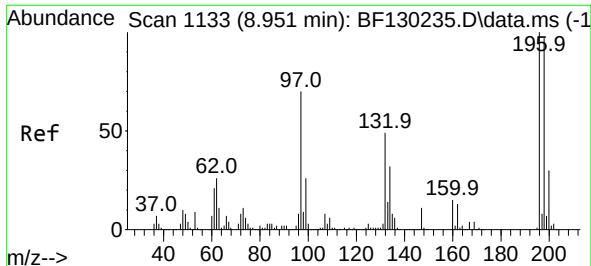
#42  
2,4,6-Tribromophenol  
Concen: 82.168 ng  
RT: 10.427 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42



Tgt Ion:330 Resp: 147997  
Ion Ratio Lower Upper  
330 100  
332 103.1 83.4 125.2  
141 35.0 34.0 51.0







#43

2,4,6-Trichlorophenol

Concen: 41.222 ng

RT: 8.886 min Scan# 1156

Delta R.T. 0.000 min

Lab File: BF130596.D

Acq: 10 Oct 2022 10:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

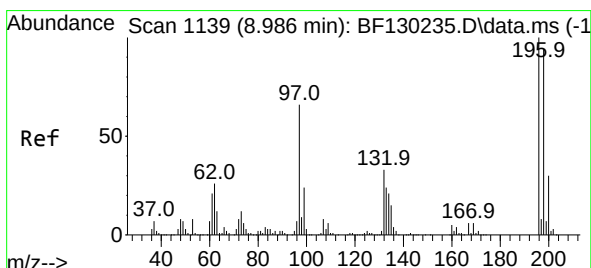
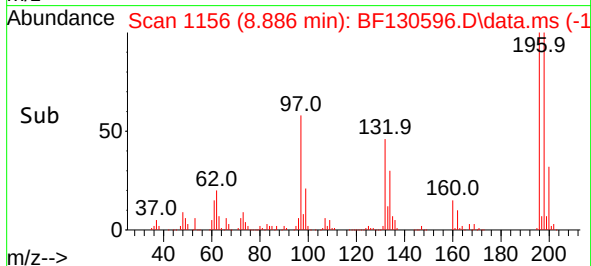
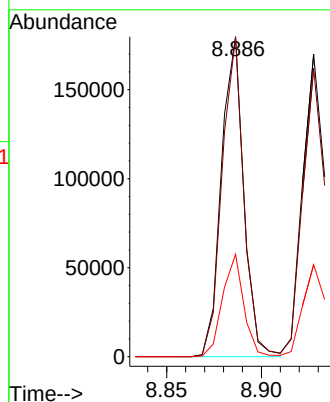
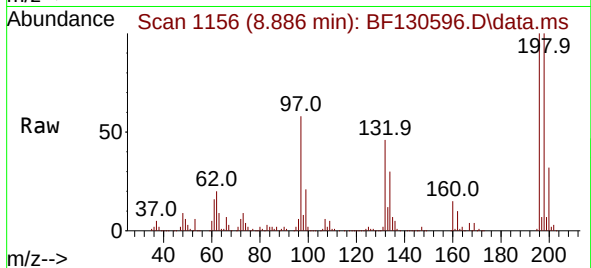
Tgt Ion:196 Resp: 147589  
 Ion Ratio Lower Upper  
 196 100  
 198 99.9 72.4 108.6  
 200 32.0 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/11/2022

Supervised By :Jagrut Upadhyay 10/14/2022



#44

2,4,5-Trichlorophenol

Concen: 42.160 ng

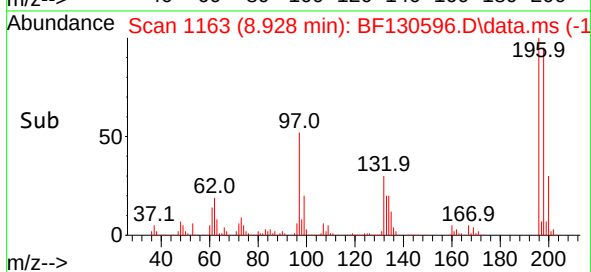
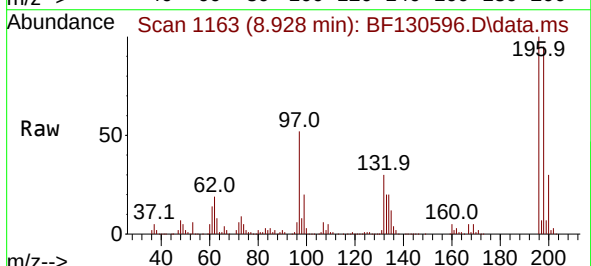
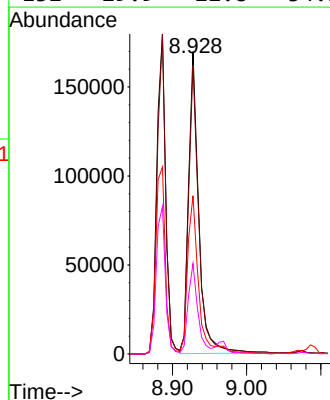
RT: 8.928 min Scan# 1163

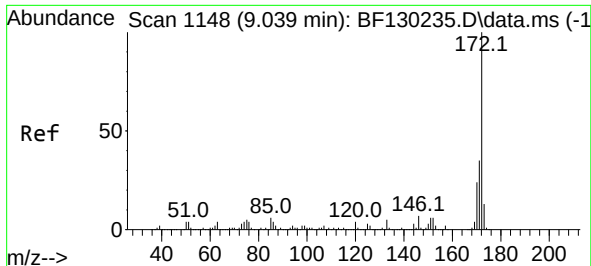
Delta R.T. 0.000 min

Lab File: BF130596.D

Acq: 10 Oct 2022 10:42

Tgt Ion:196 Resp: 162883  
 Ion Ratio Lower Upper  
 196 100  
 198 95.4 74.8 112.2  
 97 52.3 43.7 65.5  
 132 29.9 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 81.109 ng

RT: 8.969 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF130596.D

Acq: 10 Oct 2022 10:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 1047014

Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

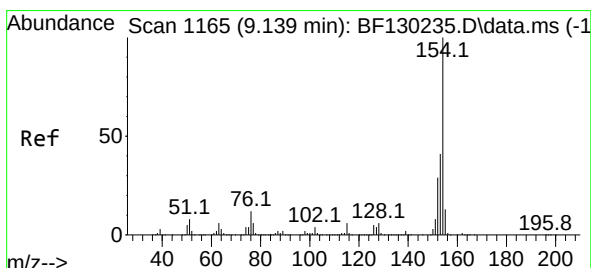
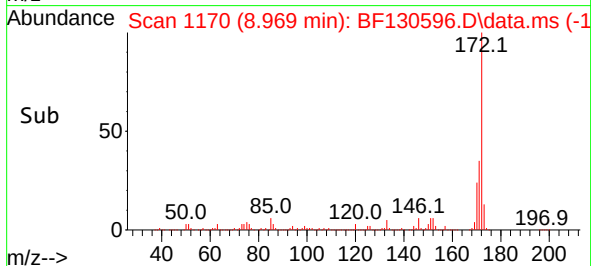
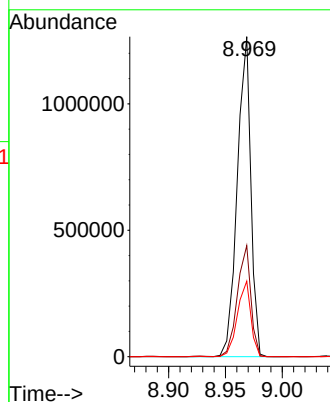
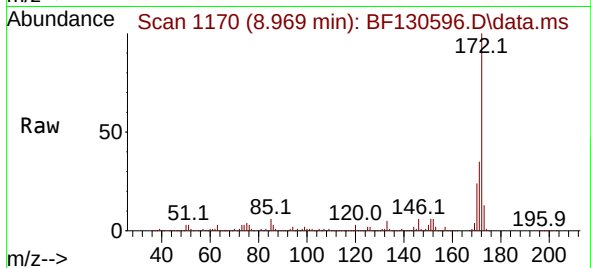
170 23.6 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/11/2022

Supervised By :Jagrut Upadhyay 10/14/2022



#46

1,1'-Biphenyl

Concen: 41.433 ng

RT: 9.069 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF130596.D

Acq: 10 Oct 2022 10:42

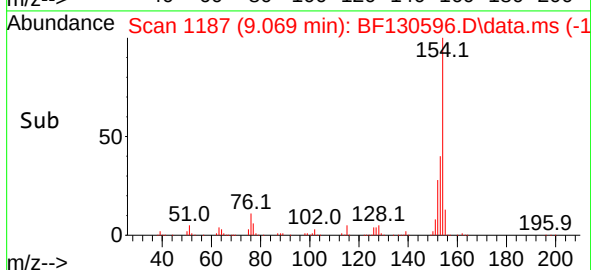
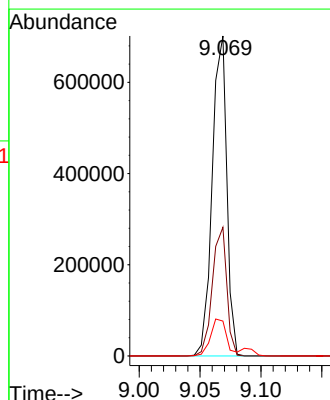
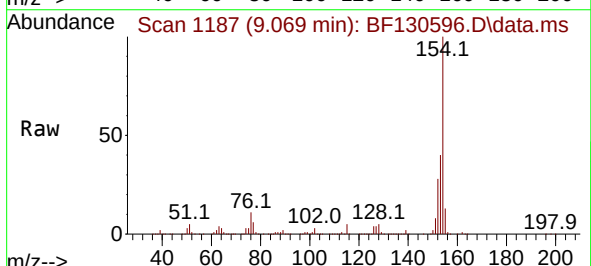
Tgt Ion:154 Resp: 581671

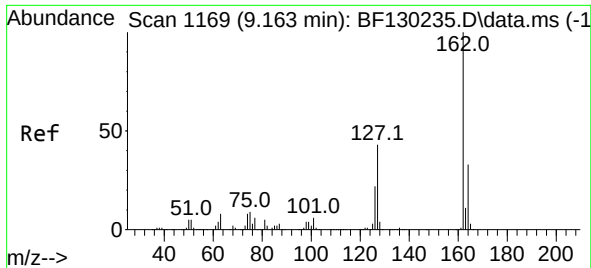
Ion Ratio Lower Upper

154 100

153 40.2 20.0 60.0

76 10.9 0.0 33.3





#47

2-Chloronaphthalene

Concen: 42.000 ng

RT: 9.086 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF130596.D

Acq: 10 Oct 2022 10:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 476968

Ion Ratio Lower Upper

162 100

127 42.5 35.9 53.9

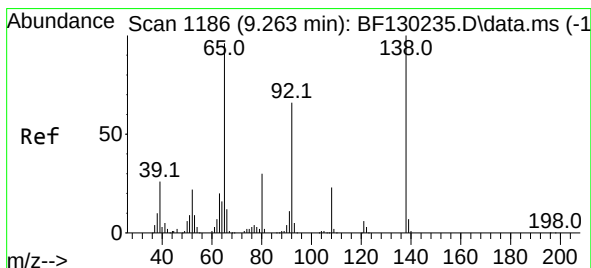
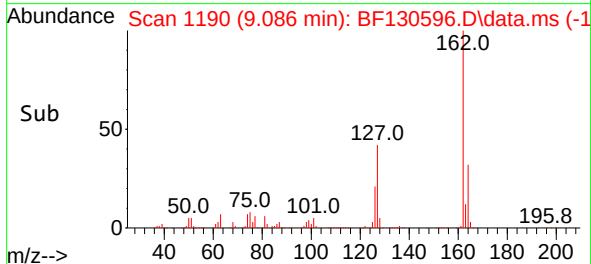
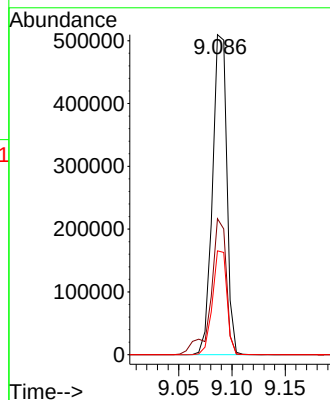
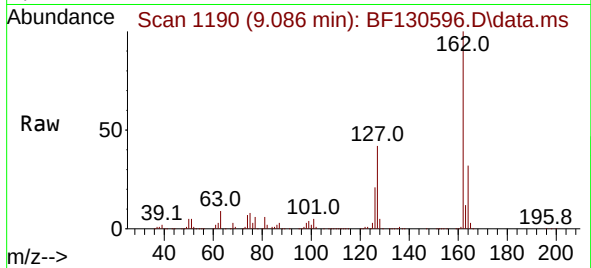
164 32.4 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/11/2022

Supervised By :Jagrut Upadhyay 10/14/2022



#48

2-Nitroaniline

Concen: 37.936 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF130596.D

Acq: 10 Oct 2022 10:42

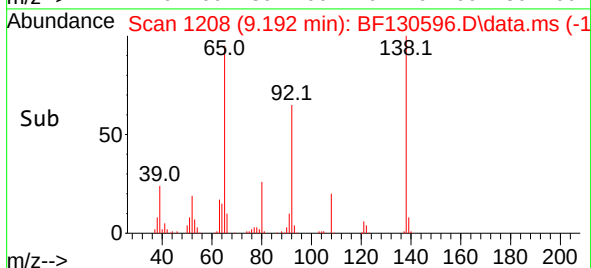
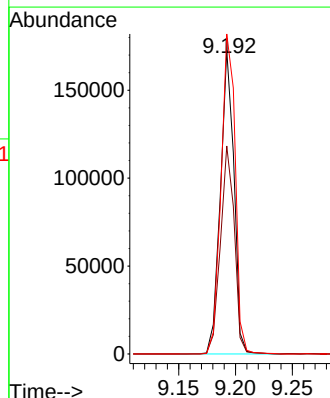
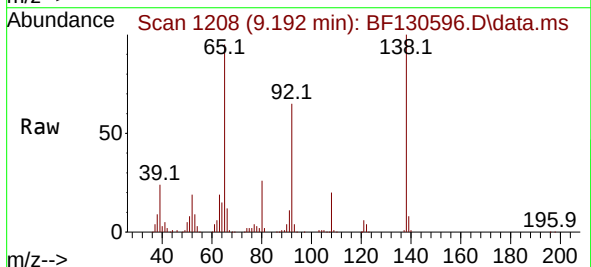
Tgt Ion: 65 Resp: 143693

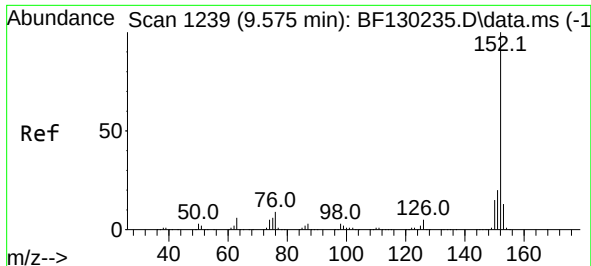
Ion Ratio Lower Upper

65 100

92 68.5 52.2 78.4

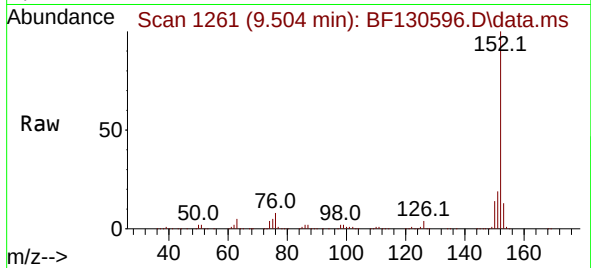
138 105.4 77.0 115.4





#49  
Acenaphthylene  
Concen: 41.658 ng  
RT: 9.504 min Scan# 1261  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

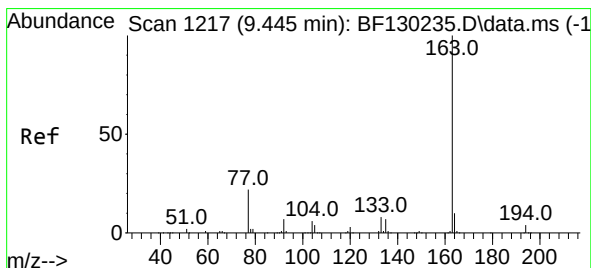
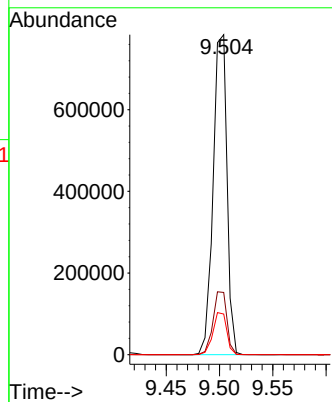
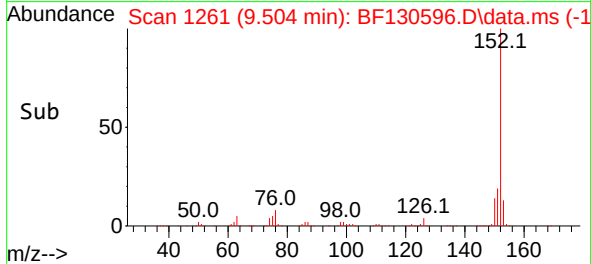
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



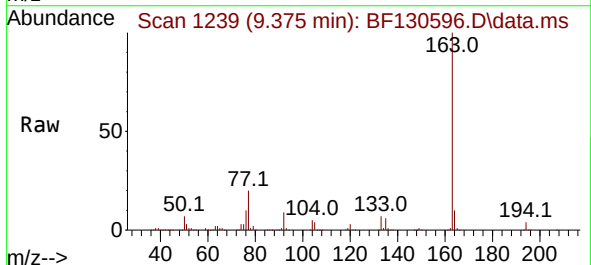
Tgt Ion:152 Resp: 70933  
Ion Ratio Lower Upper  
152 100  
151 19.4 16.2 24.2  
153 12.7 10.6 15.8

Manual Integrations  
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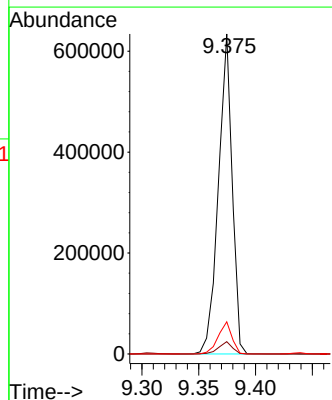
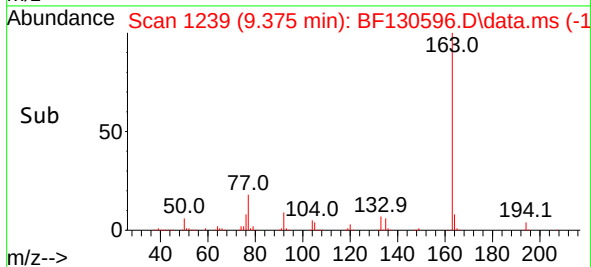
Reviewed By :Christian Giraldo 10/11/2022  
Supervised By :Jagrut Upadhyay 10/14/2022

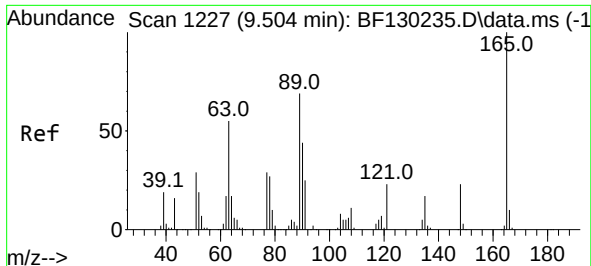


#50  
Dimethylphthalate  
Concen: 41.254 ng  
RT: 9.375 min Scan# 1239  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42



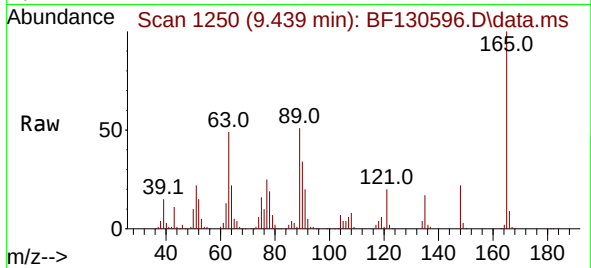
Tgt Ion:163 Resp: 535659  
Ion Ratio Lower Upper  
163 100  
194 3.9 2.8 4.2  
164 10.1 8.2 12.2





#51  
2,6-Dinitrotoluene  
Concen: 44.106 ng  
RT: 9.439 min Scan# 1197  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

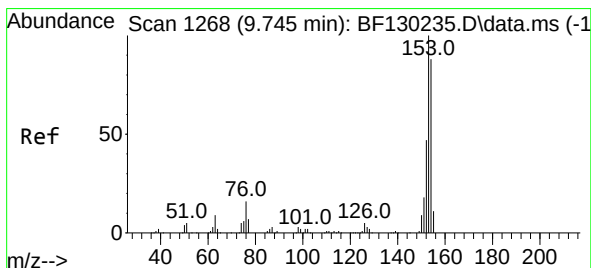
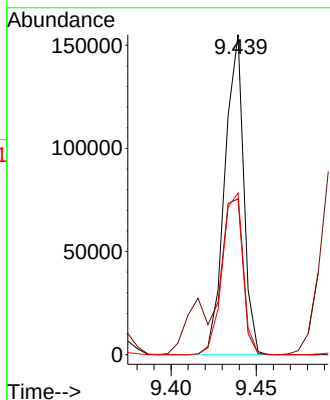
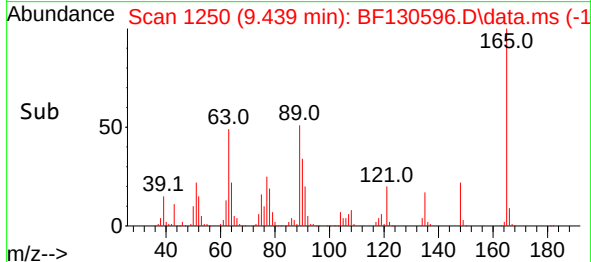
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



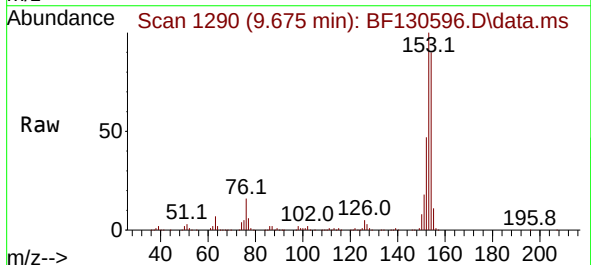
Tgt Ion:165 Resp: 11977  
Ion Ratio Lower Upper  
165 100  
63 48.7 58.8 88.2  
89 50.5 54.5 81.7

Manual Integrations  
APPROVED

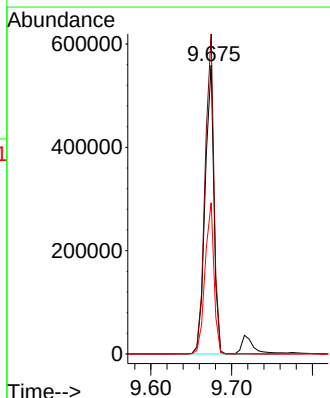
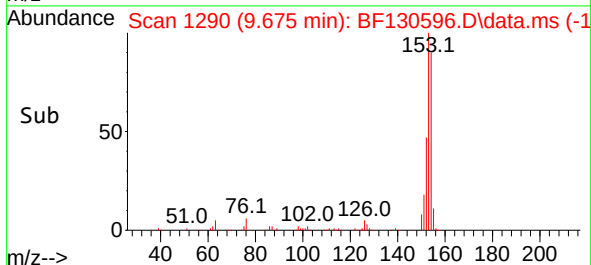
Reviewed By :Christian Giraldo 10/11/2022  
Supervised By :Jagrut Upadhyay 10/14/2022

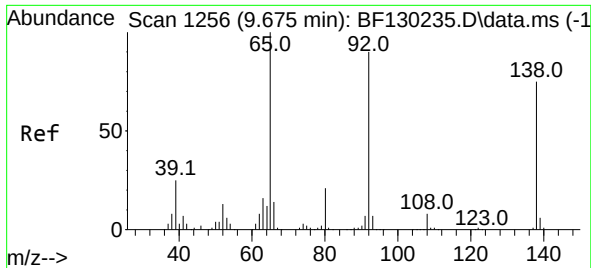


#52  
Acenaphthene  
Concen: 41.323 ng m  
RT: 9.675 min Scan# 1290  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42



Tgt Ion:154 Resp: 462300  
Ion Ratio Lower Upper  
154 100  
153 110.9 90.6 136.0  
152 52.5 43.8 65.6





#53  
3-Nitroaniline  
Concen: 42.373 ng  
RT: 9.604 min Scan# 1278  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

Instrument :

BNA\_F

ClientSampleId :

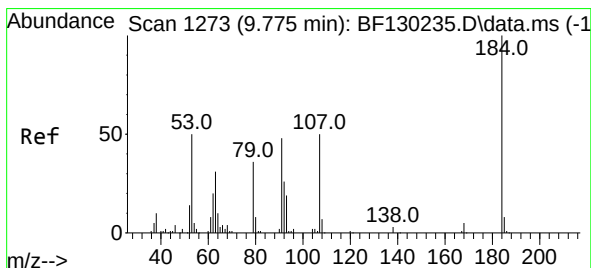
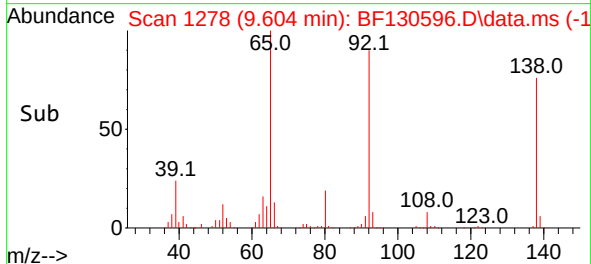
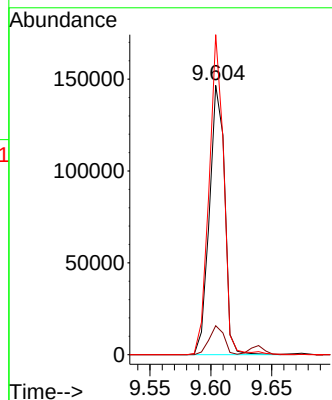
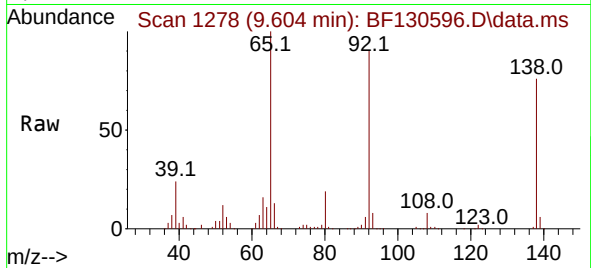
SSTDCCC040

Tgt Ion:138 Resp: 128218  
Ion Ratio Lower Upper  
138 100  
108 10.8 9.2 13.8  
92 118.8 99.2 148.8

Manual Integrations

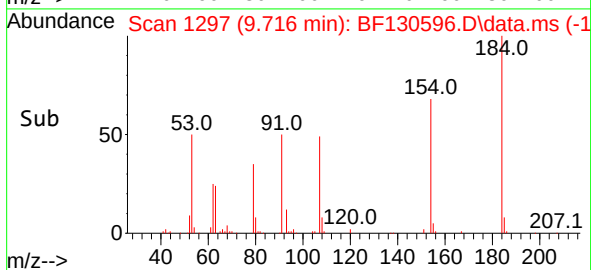
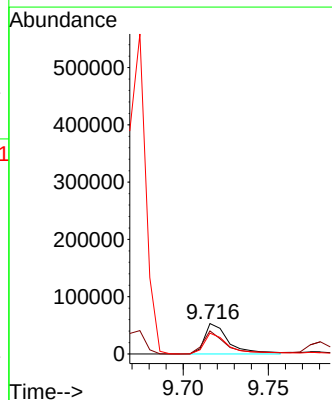
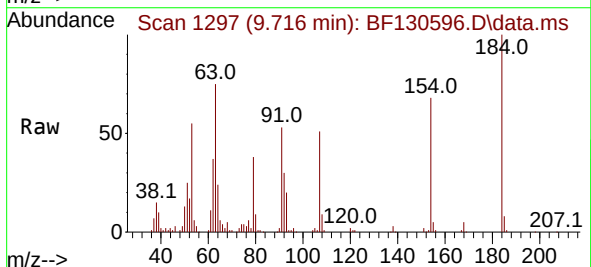
APPROVED

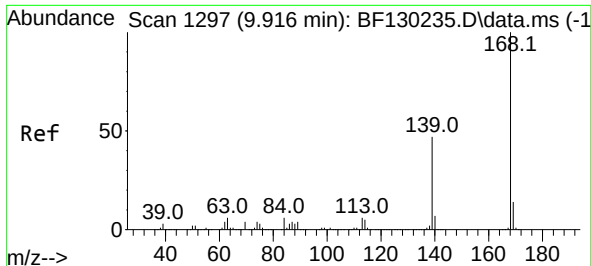
Reviewed By :Christian Giraldo 10/11/2022  
Supervised By :Jagrut Upadhyay 10/14/2022



#54  
2,4-Dinitrophenol  
Concen: 39.259 ng  
RT: 9.716 min Scan# 1297  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

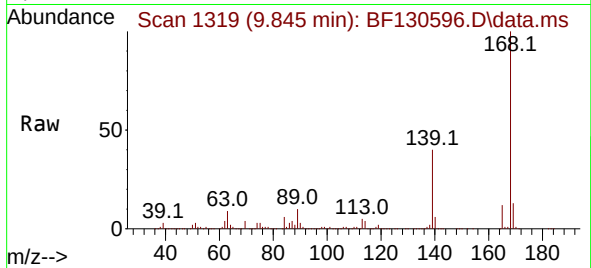
Tgt Ion:184 Resp: 52743  
Ion Ratio Lower Upper  
184 100  
63 75.5 70.0 105.0  
154 68.3 63.0 94.6





#55  
Dibenzenofuran  
Concen: 40.809 ng  
RT: 9.845 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

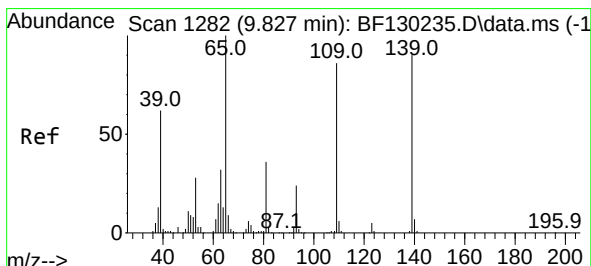
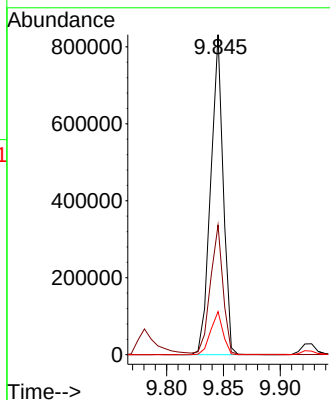
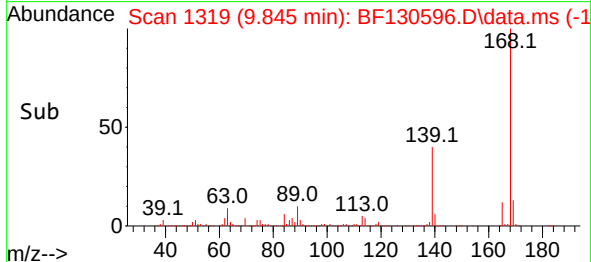
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



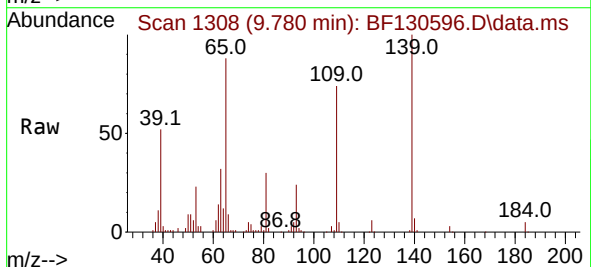
Tgt Ion:168 Resp: 63502  
Ion Ratio Lower Upper  
168 100  
139 40.5 35.0 52.4  
169 13.4 10.9 16.3

Manual Integrations  
APPROVED

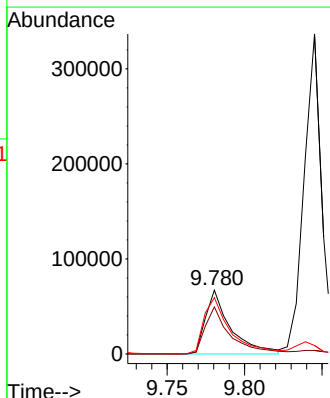
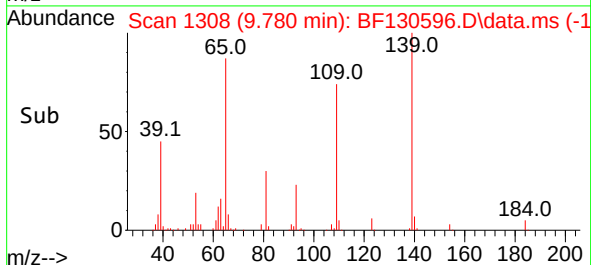
Reviewed By :Christian Giraldo 10/11/2022  
Supervised By :Jagrut Upadhyay 10/14/2022

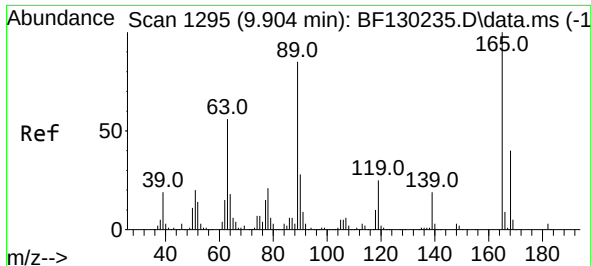


#56  
4-Nitrophenol  
Concen: 34.101 ng  
RT: 9.780 min Scan# 1308  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42



Tgt Ion:139 Resp: 75156  
Ion Ratio Lower Upper  
139 100  
109 73.8 72.2 112.2  
65 88.3 97.7 137.7#





#57

2,4-Dinitrotoluene

Concen: 41.673 ng

RT: 9.839 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF130596.D

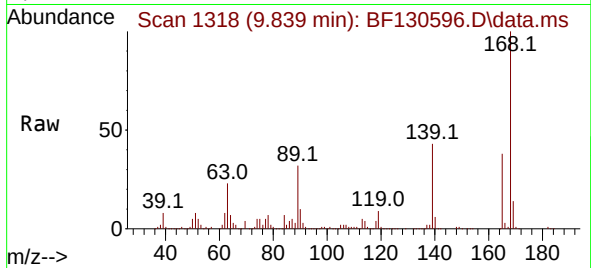
Acq: 10 Oct 2022 10:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:165 Resp: 144620

Ion Ratio Lower Upper

165 100

63 59.7 44.7 67.1

89 82.0 69.0 103.4

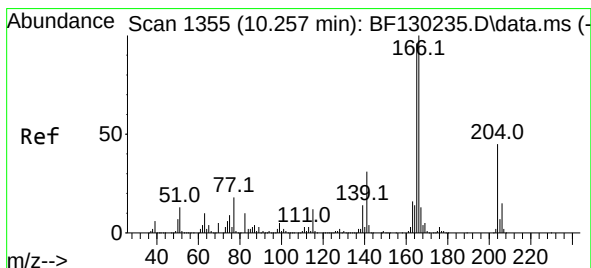
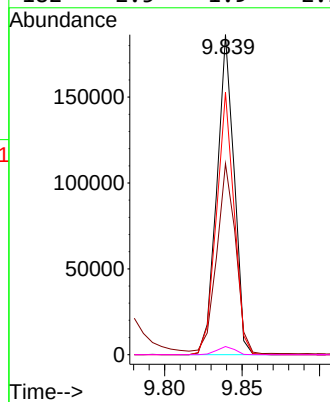
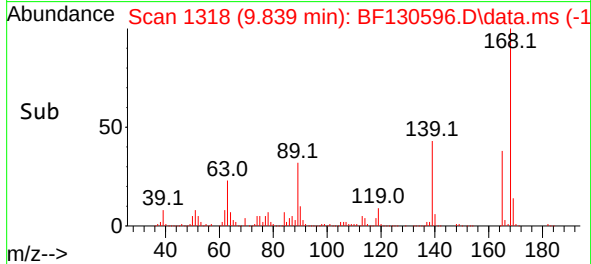
182 2.5 1.9 2.9

Manual Integrations

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Reviewed By :Christian Giraldo 10/11/2022

Supervised By :Jagrut Upadhyay 10/14/2022



#58

Fluorene

Concen: 40.486 ng

RT: 10.186 min Scan# 1377

Delta R.T. 0.000 min

Lab File: BF130596.D

Acq: 10 Oct 2022 10:42

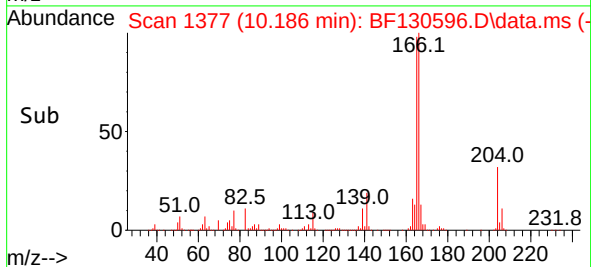
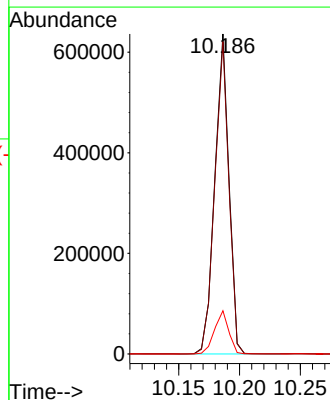
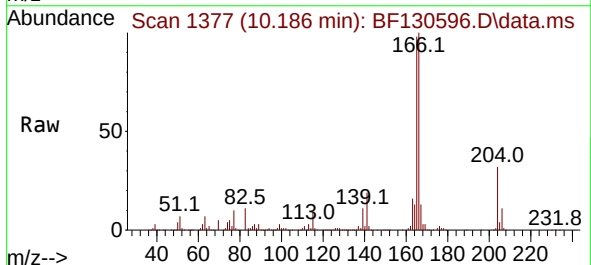
Tgt Ion:166 Resp: 515227

Ion Ratio Lower Upper

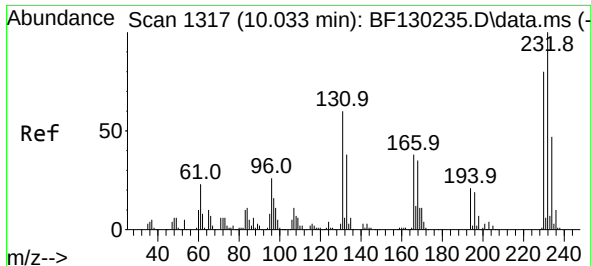
166 100

165 97.6 78.8 118.2

167 13.5 10.6 15.8







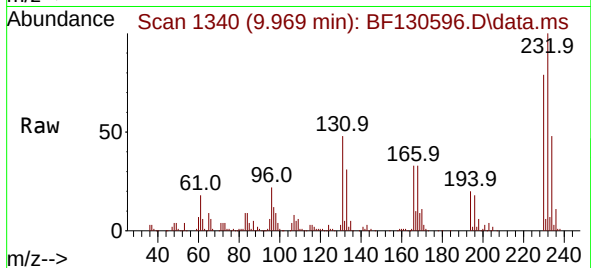
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.395 ng  
RT: 9.969 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

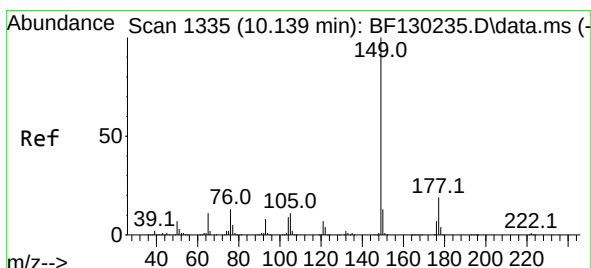
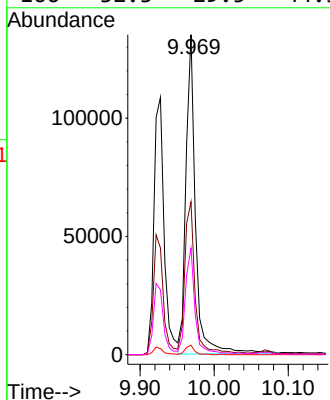
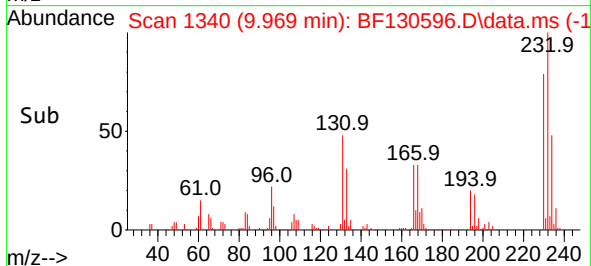


Tgt Ion:232 Resp: 12215  
Ion Ratio Lower Upper  
232 100  
131 49.9 46.4 69.6  
130 2.8 2.3 3.5  
166 32.3 29.5 44.3

Manual Integrations

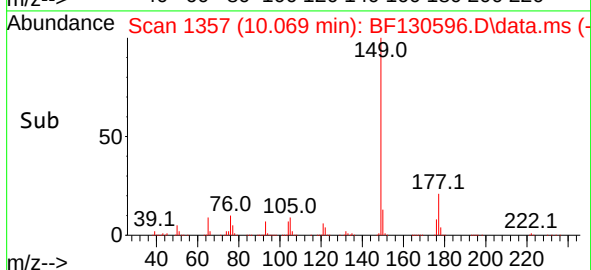
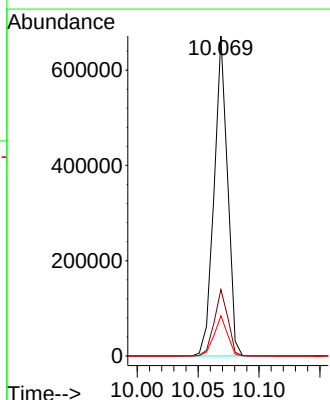
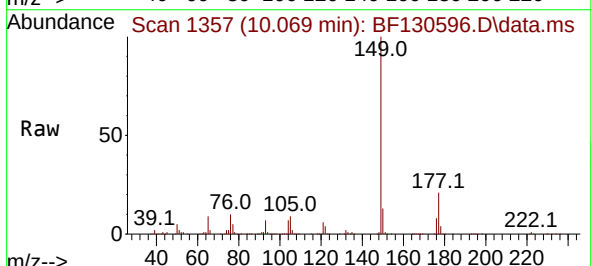
APPROVED

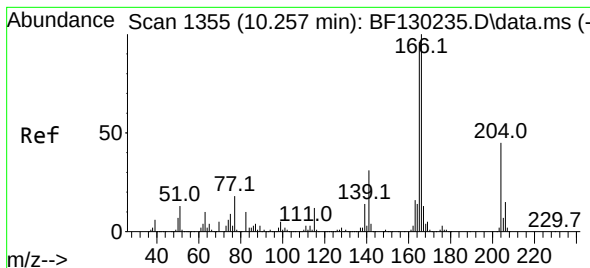
Reviewed By :Christian Giraldo 10/11/2022  
Supervised By :Jagrut Upadhyay 10/14/2022



#60  
Diethylphthalate  
Concen: 39.665 ng  
RT: 10.069 min Scan# 1357  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

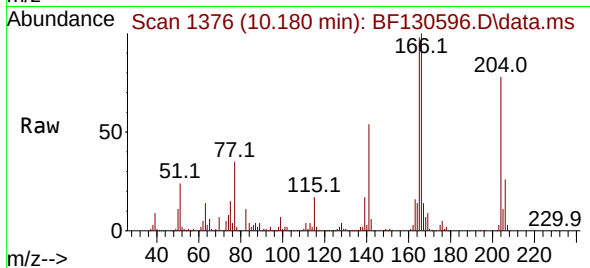
Tgt Ion:149 Resp: 516472  
Ion Ratio Lower Upper  
149 100  
177 20.7 16.1 24.1  
150 12.5 9.9 14.9





#61  
4-Chlorophenyl-phenylether  
Concen: 41.570 ng  
RT: 10.180 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

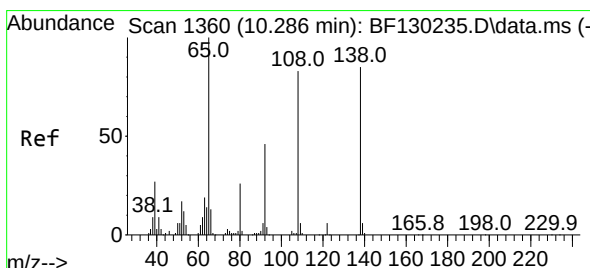
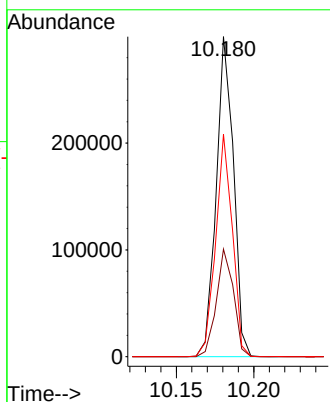
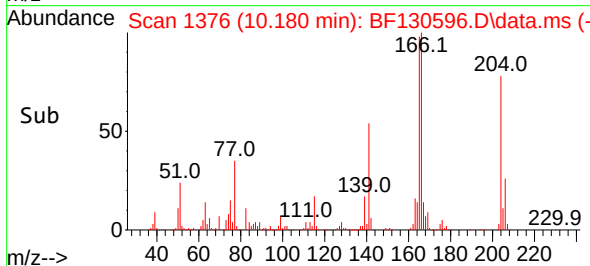
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:204 Resp: 23207  
Ion Ratio Lower Upper  
204 100  
206 33.6 26.6 39.8  
141 69.5 57.1 85.7

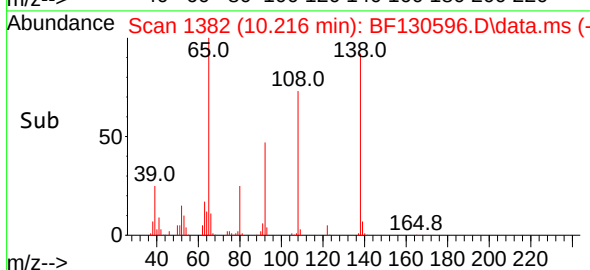
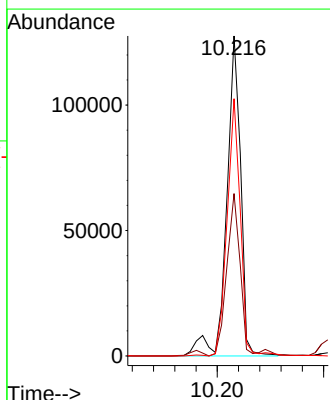
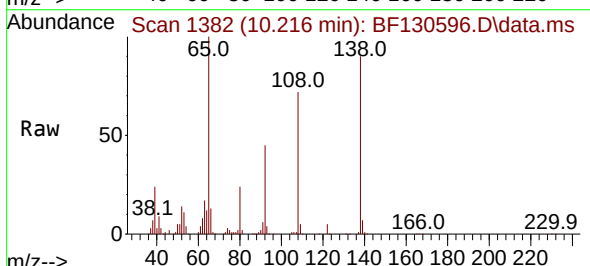
Manual Integrations  
APPROVED

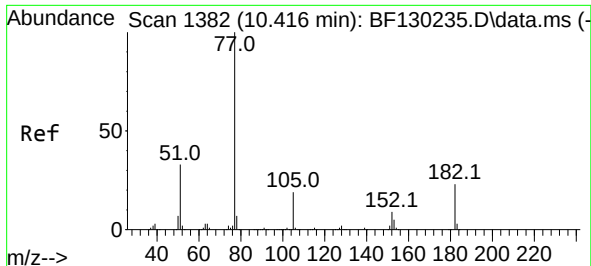
Reviewed By :Christian Giraldo 10/11/2022  
Supervised By :Jagrut Upadhyay 10/14/2022



#62  
4-Nitroaniline  
Concen: 38.428 ng m  
RT: 10.216 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

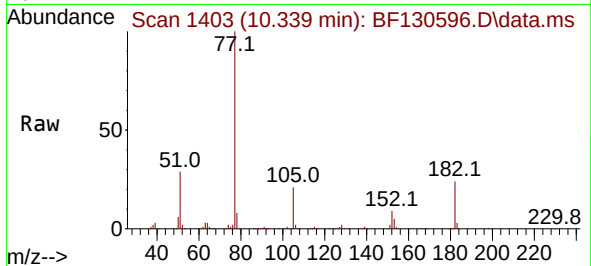
Tgt Ion:138 Resp: 116812  
Ion Ratio Lower Upper  
138 100  
92 50.7 36.7 76.7  
108 80.4 78.2 118.2





#63  
Azobenzene  
Concen: 37.544 ng  
RT: 10.339 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

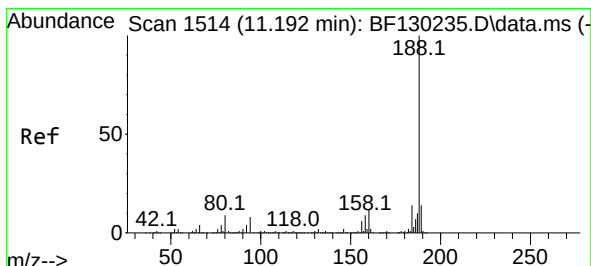
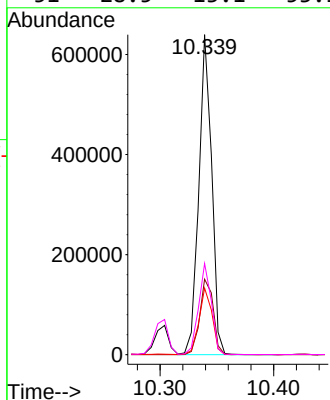
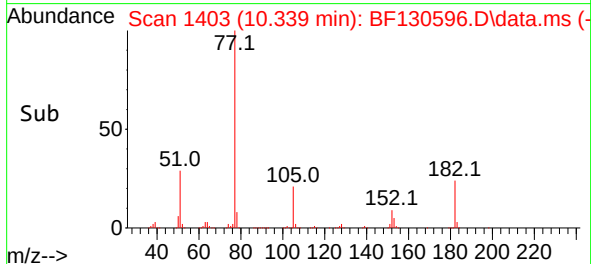
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



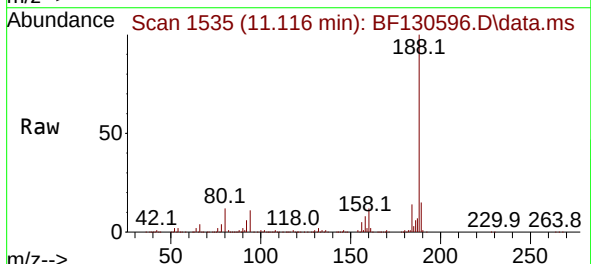
Tgt Ion: 77 Resp: 50338  
Ion Ratio Lower Upper  
77 100  
182 23.6 2.1 42.1  
105 20.8 0.0 39.4  
51 28.5 13.1 53.1

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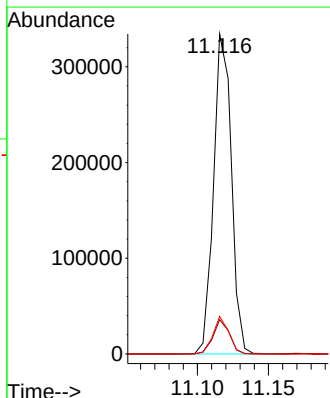
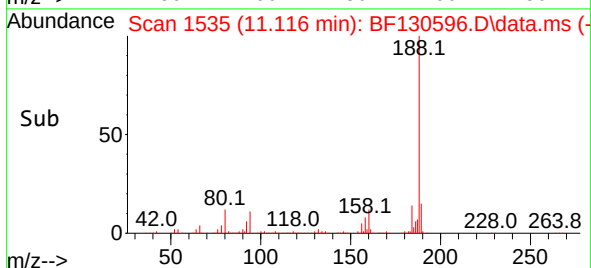
Reviewed By :Christian Giraldo 10/11/2022  
Supervised By :Jagrut Upadhyay 10/14/2022

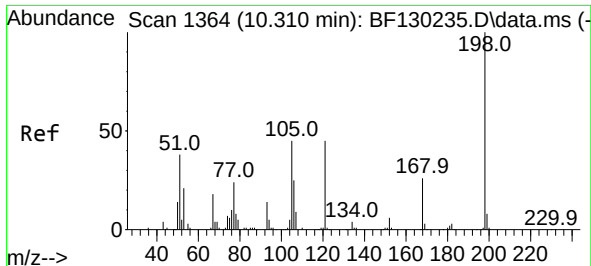


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.116 min Scan# 1535  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42



Tgt Ion:188 Resp: 290720  
Ion Ratio Lower Upper  
188 100  
94 10.7 7.4 11.2  
80 11.7 7.9 11.9





#65  
4,6-Dinitro-2-methylphenol  
Concen: 45.555 ng  
RT: 10.245 min Scan# 1387  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

Instrument :

BNA\_F

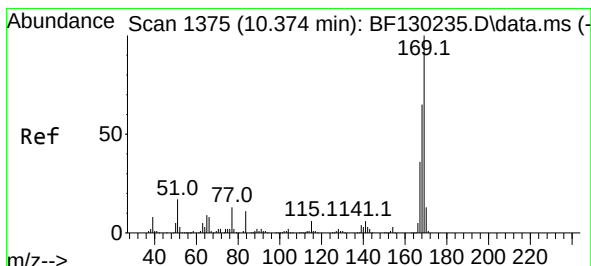
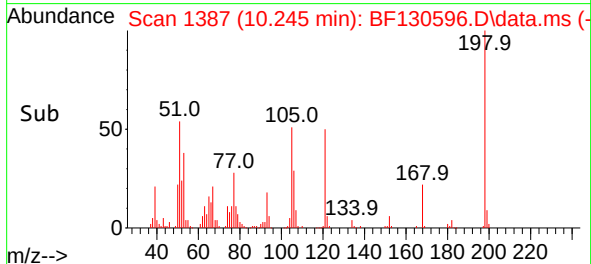
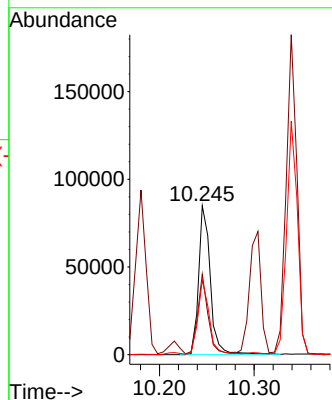
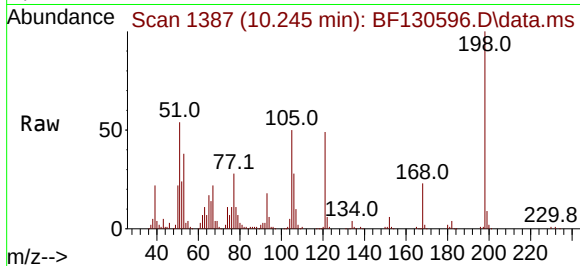
ClientSampleId :

SSTDCCC040

Tgt Ion:198 Resp: 73724  
Ion Ratio Lower Upper  
198 100  
51 54.0 36.9 76.9  
105 50.3 33.0 73.0

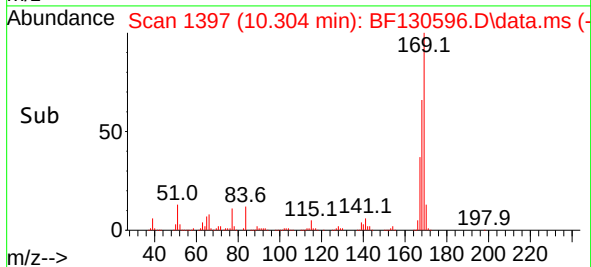
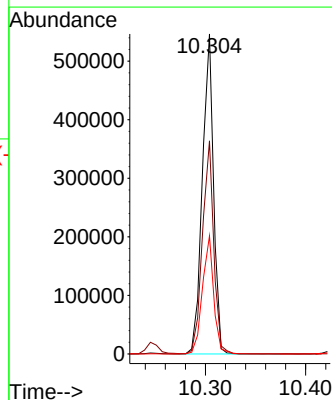
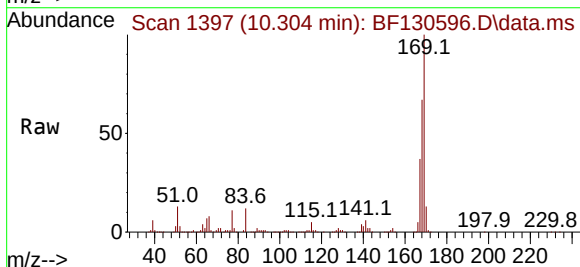
Manual Integrations  
APPROVED

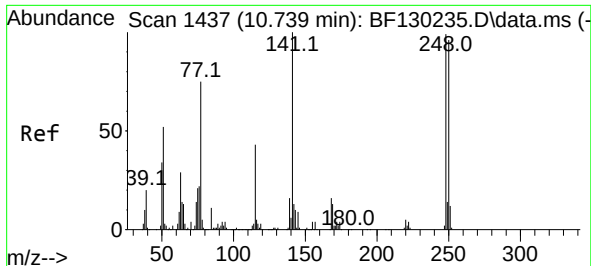
Reviewed By :Christian Giraldo 10/11/2022  
Supervised By :Jagrut Upadhyay 10/14/2022



#66  
n-Nitrosodiphenylamine  
Concen: 43.711 ng  
RT: 10.304 min Scan# 1397  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

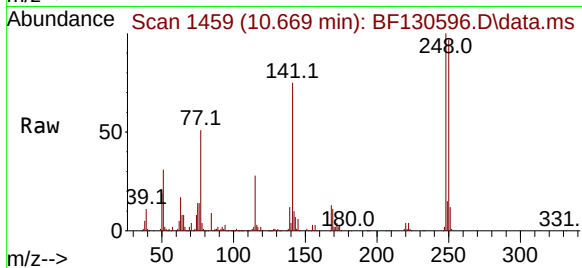
Tgt Ion:169 Resp: 424646  
Ion Ratio Lower Upper  
169 100  
168 66.6 53.2 79.8  
167 36.9 29.2 43.8





#67  
4-Bromophenyl-phenylether  
Concen: 45.592 ng  
RT: 10.669 min Scan# 1459  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

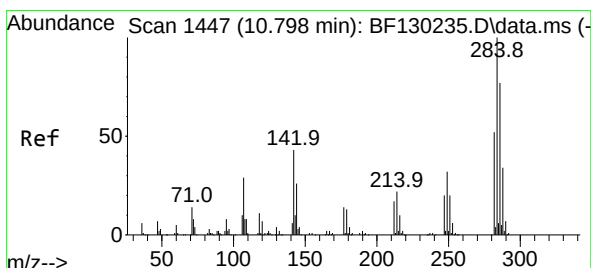
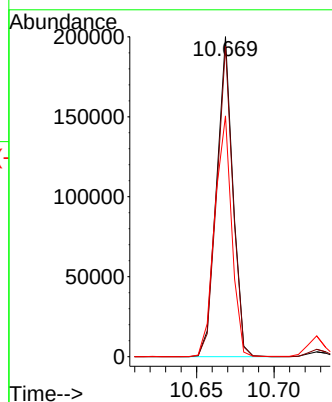
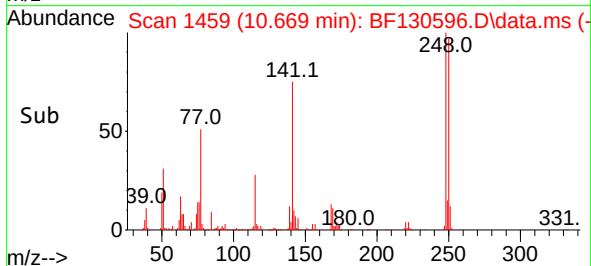
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



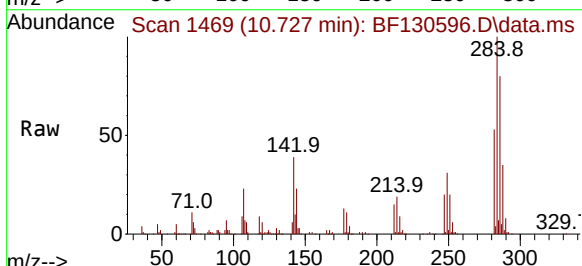
Tgt Ion:248 Resp: 146219  
Ion Ratio Lower Upper  
248 100  
250 97.1 80.0 120.0  
141 75.3 68.5 102.7

Manual Integrations  
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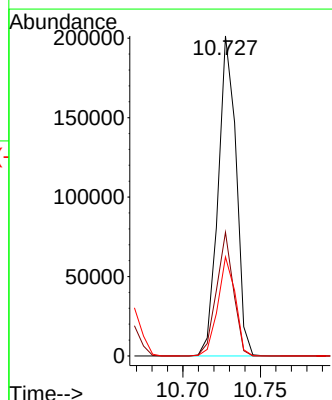
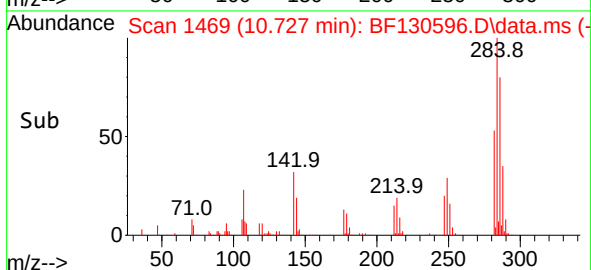
Reviewed By :Christian Giraldo 10/11/2022  
Supervised By :Jagrut Upadhyay 10/14/2022

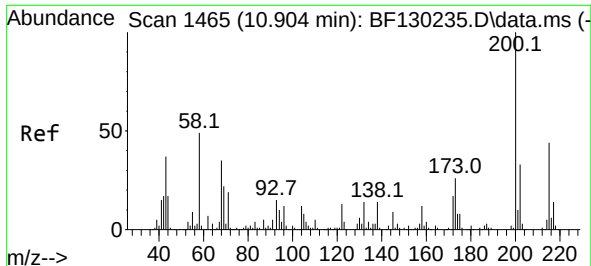


#68  
Hexachlorobenzene  
Concen: 44.687 ng  
RT: 10.727 min Scan# 1469  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42



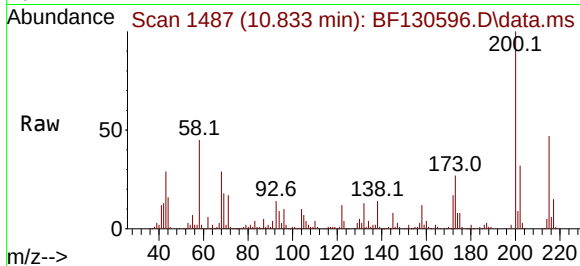
Tgt Ion:284 Resp: 162458  
Ion Ratio Lower Upper  
284 100  
142 38.7 27.2 40.8  
249 31.0 23.8 35.8





#69  
 Atrazine  
 Concen: 39.533 ng  
 RT: 10.833 min Scan# 1465  
 Delta R.T. 0.000 min  
 Lab File: BF130596.D  
 Acq: 10 Oct 2022 10:42

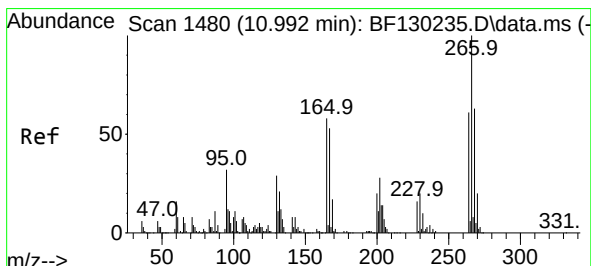
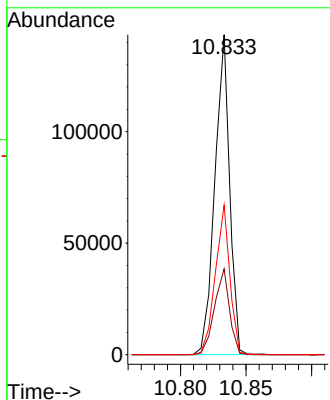
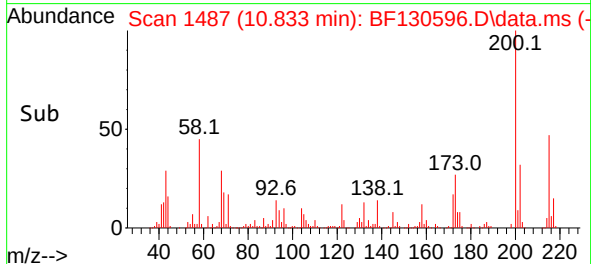
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040



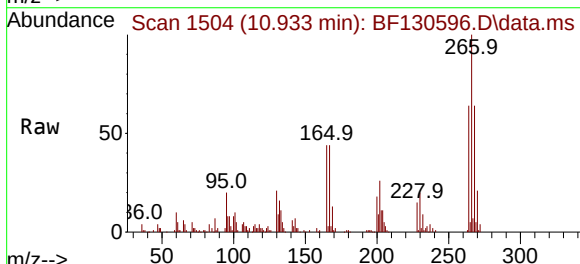
Tgt Ion:200 Resp: 11223  
 Ion Ratio Lower Upper  
 200 100  
 173 26.8 6.2 46.2  
 215 46.7 22.5 62.5

Manual Integrations  
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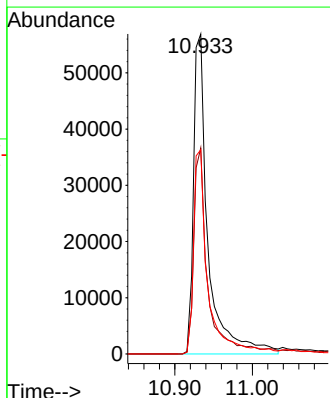
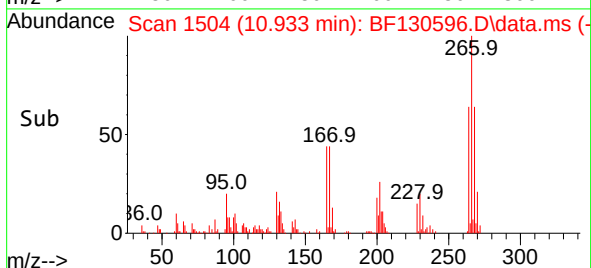
Reviewed By :Christian Giraldo 10/11/2022  
 Supervised By :Jagrut Upadhyay 10/14/2022

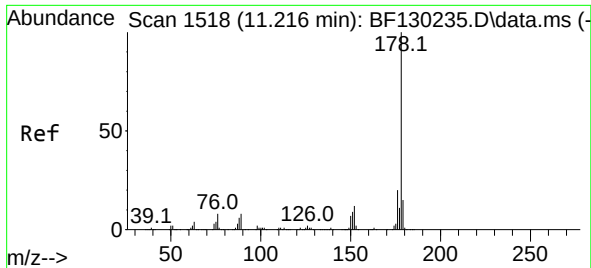


#70  
 Pentachlorophenol  
 Concen: 37.979 ng  
 RT: 10.933 min Scan# 1504  
 Delta R.T. 0.000 min  
 Lab File: BF130596.D  
 Acq: 10 Oct 2022 10:42



Tgt Ion:266 Resp: 74101  
 Ion Ratio Lower Upper  
 266 100  
 268 64.4 50.5 75.7  
 264 63.8 50.5 75.7





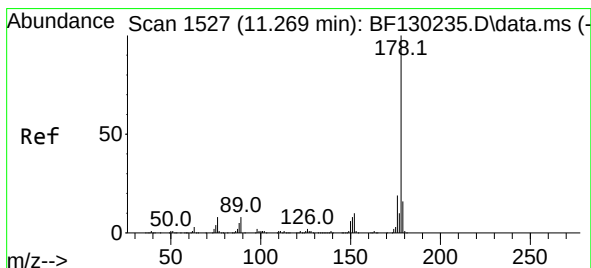
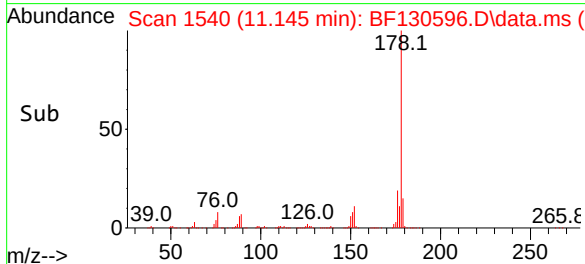
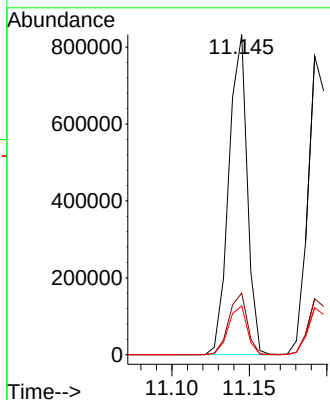
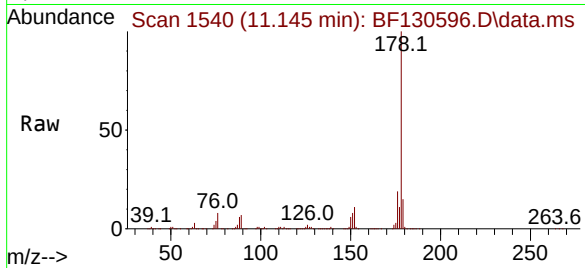
#71  
Phenanthrene  
Concen: 42.184 ng  
RT: 11.145 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:178 Resp: 688544  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.4 23.0  
179 15.3 12.4 18.6

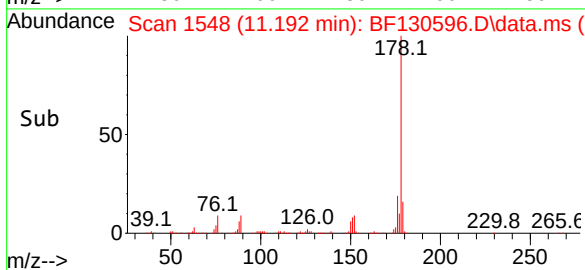
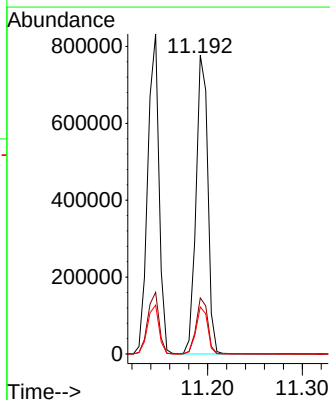
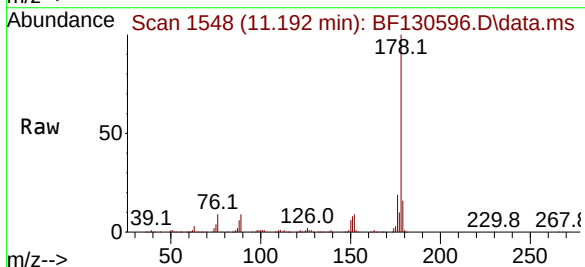
Manual Integrations  
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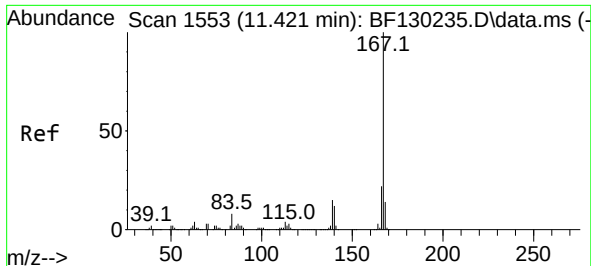
Reviewed By :Christian Giraldo 10/11/2022  
Supervised By :Jagrut Upadhyay 10/14/2022



#72  
Anthracene  
Concen: 42.772 ng  
RT: 11.192 min Scan# 1548  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

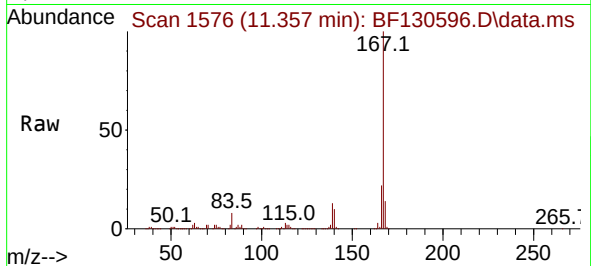
Tgt Ion:178 Resp: 673719  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.0 22.6  
179 15.8 12.7 19.1





#73  
 Carbazole  
 Concen: 39.796 ng  
 RT: 11.357 min Scan# 1631  
 Delta R.T. 0.000 min  
 Lab File: BF130596.D  
 Acq: 10 Oct 2022 10:42

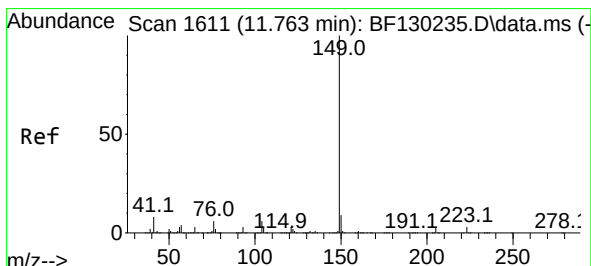
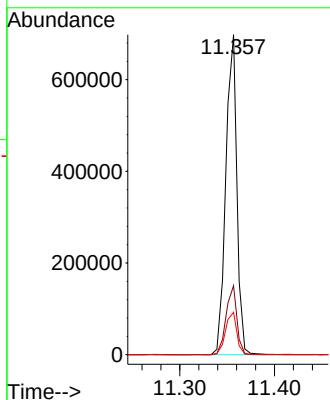
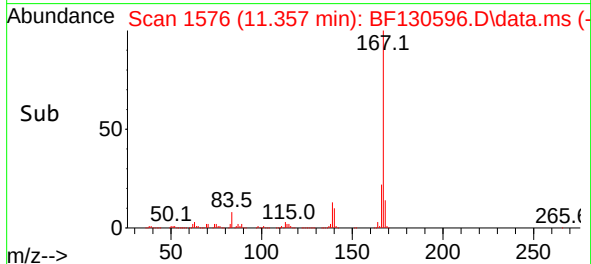
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040



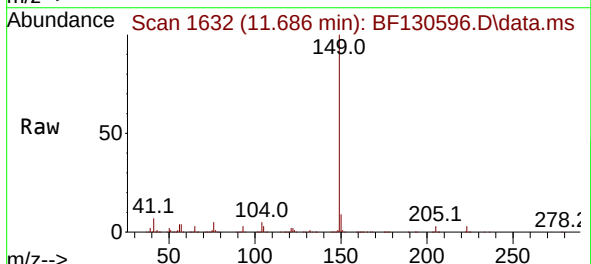
Tgt Ion:167 Resp: 565710  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 17.4 26.2  
 139 13.3 11.6 17.4

Manual Integrations  
 APPROVED

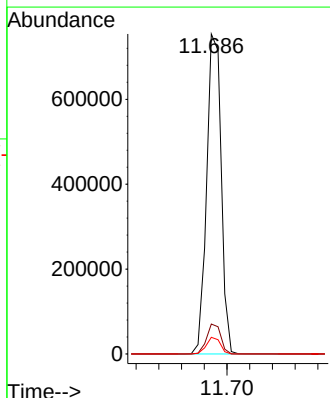
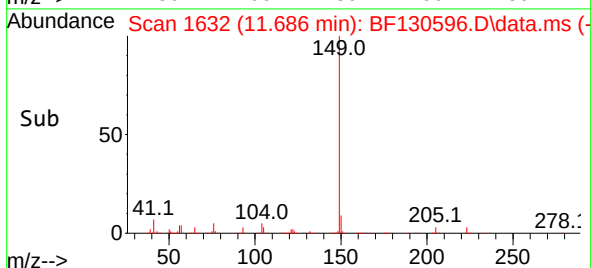
Reviewed By :Christian Giraldo 10/11/2022  
 Supervised By :Jagrut Upadhyay 10/14/2022



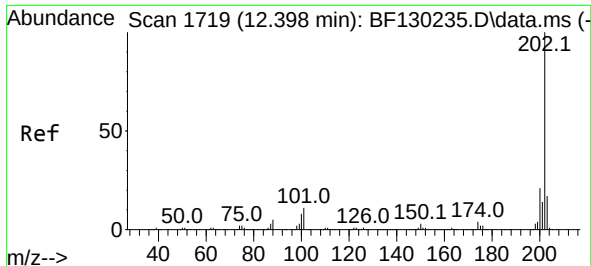
#74  
 Di-n-butylphthalate  
 Concen: 38.956 ng  
 RT: 11.686 min Scan# 1632  
 Delta R.T. 0.000 min  
 Lab File: BF130596.D  
 Acq: 10 Oct 2022 10:42



Tgt Ion:149 Resp: 667791  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.4 11.2  
 104 5.2 4.8 7.2







#75  
Fluoranthene  
Concen: 38.165 ng  
RT: 12.327 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

Instrument :

BNA\_F

ClientSampleId :

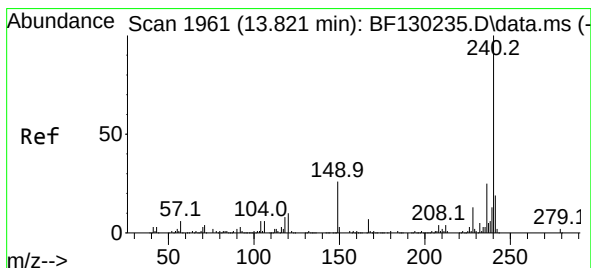
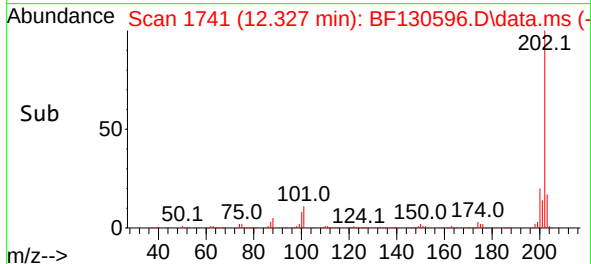
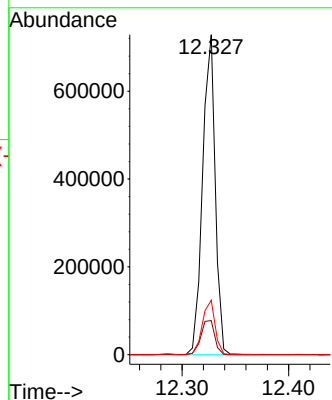
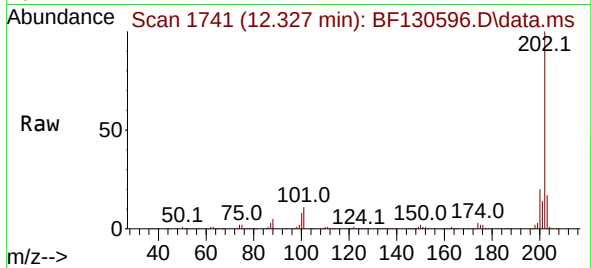
SSTDCCC040

Tgt Ion:202 Resp: 60194  
Ion Ratio Lower Upper  
202 100  
101 10.6 0.0 31.8  
203 17.0 0.0 37.8

Manual Integrations

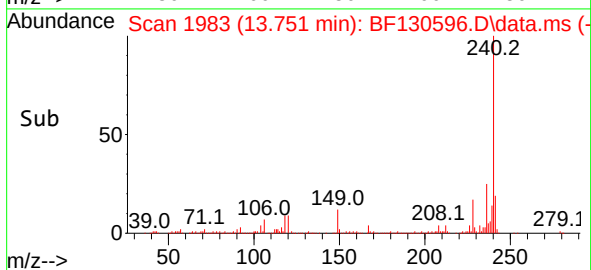
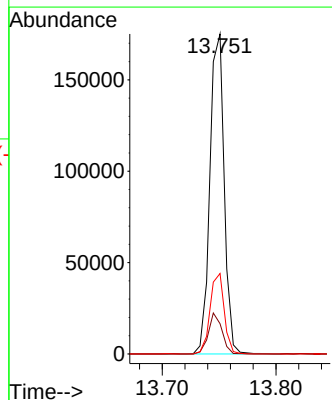
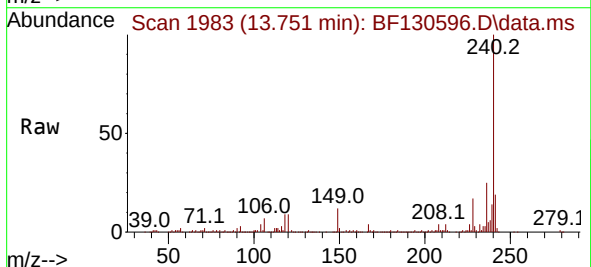
APPROVED

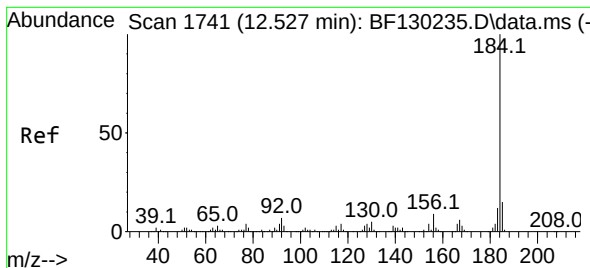
Reviewed By :Christian Giraldo 10/11/2022  
Supervised By :Jagrut Upadhyay 10/14/2022



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.751 min Scan# 1983  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

Tgt Ion:240 Resp: 152786  
Ion Ratio Lower Upper  
240 100  
120 9.4 8.7 13.1  
236 25.2 20.9 31.3





#77

Benzidine

Concen: 44.853 ng

RT: 12.457 min Scan# 1763

Delta R.T. 0.000 min

Lab File: BF130596.D

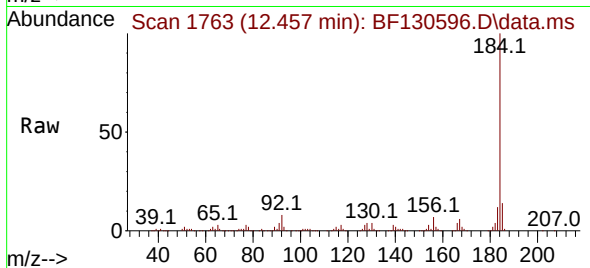
Acq: 10 Oct 2022 10:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:184 Resp: 198935

Ion Ratio Lower Upper

184 100

185 13.8 11.8 17.6

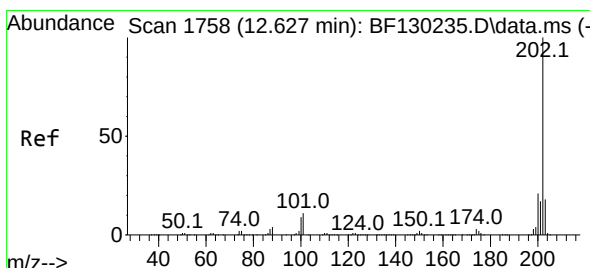
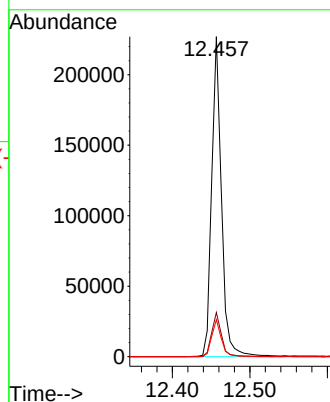
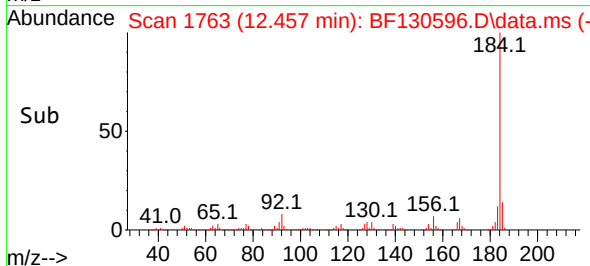
183 11.5 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/11/2022

Supervised By :Jagrut Upadhyay 10/14/2022



#78

Pyrene

Concen: 43.335 ng

RT: 12.551 min Scan# 1779

Delta R.T. 0.000 min

Lab File: BF130596.D

Acq: 10 Oct 2022 10:42

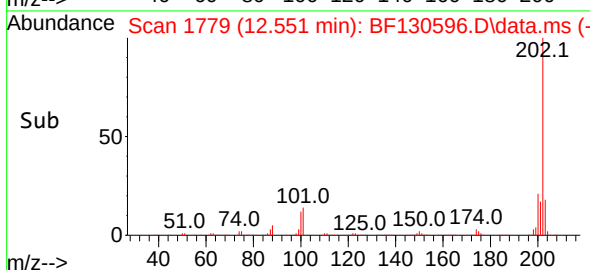
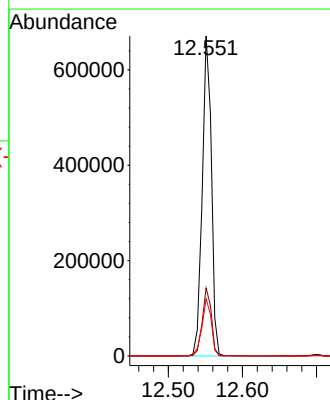
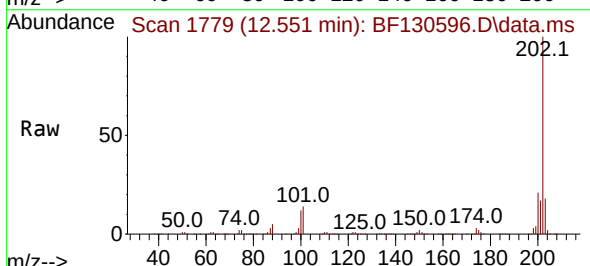
Tgt Ion:202 Resp: 579209

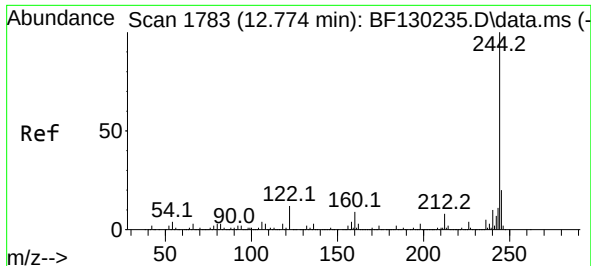
Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

203 17.9 14.3 21.5





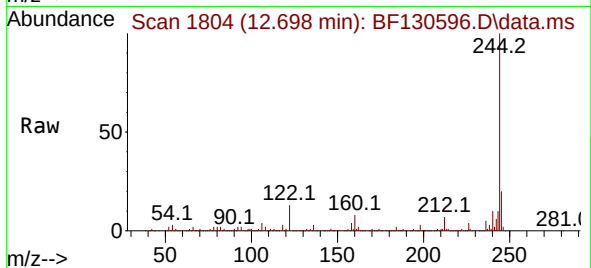
#79  
Terphenyl-d14  
Concen: 82.879 ng  
RT: 12.698 min Scan# 1804  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

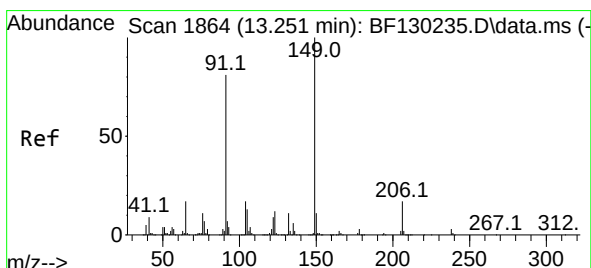
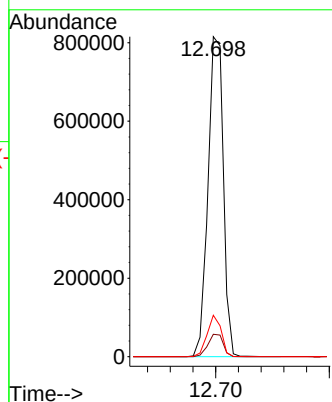
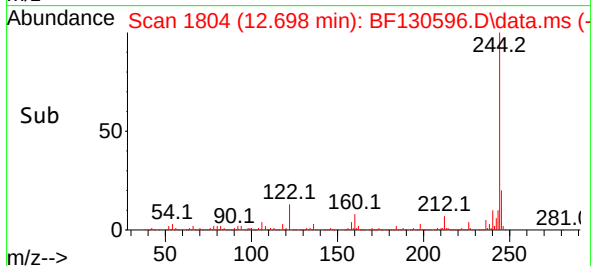


Tgt Ion:244 Resp: 764434  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.9 8.9  
122 12.9 8.5 12.7

Manual Integrations

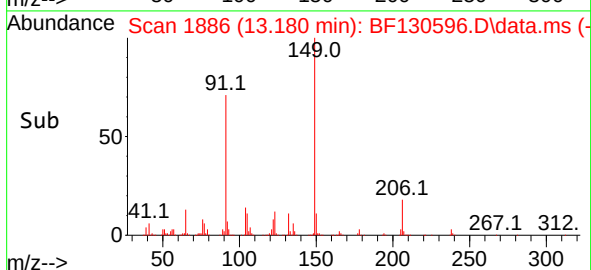
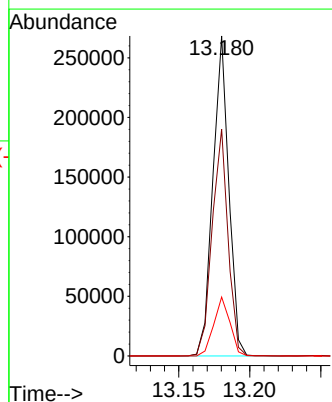
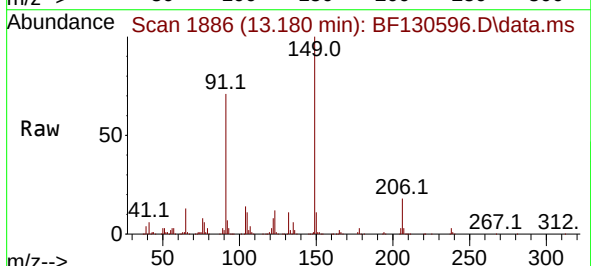
APPROVED

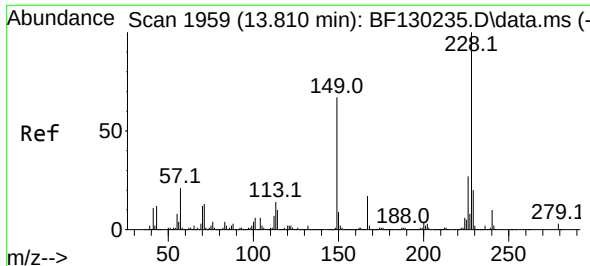
Reviewed By :Christian Giraldo 10/11/2022  
Supervised By :Jagrut Upadhyay 10/14/2022



#80  
Butylbenzylphthalate  
Concen: 42.010 ng  
RT: 13.180 min Scan# 1886  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

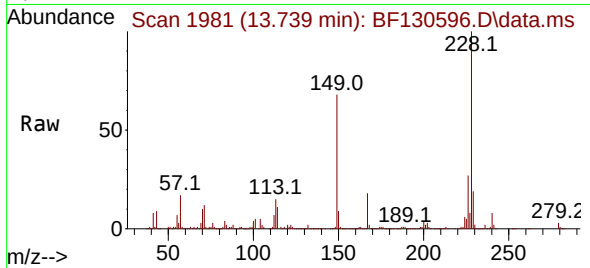
Tgt Ion:149 Resp: 208014  
Ion Ratio Lower Upper  
149 100  
91 70.9 59.8 89.8  
206 18.4 13.9 20.9





#81  
Benzo(a)anthracene  
Concen: 42.529 ng  
RT: 13.739 min Scan# 1959  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

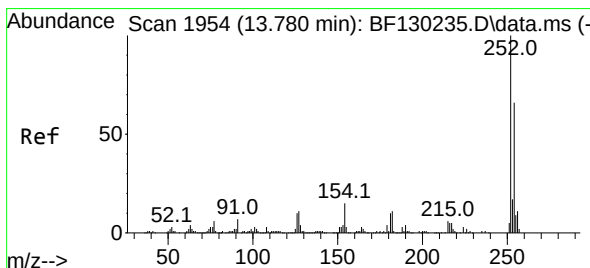
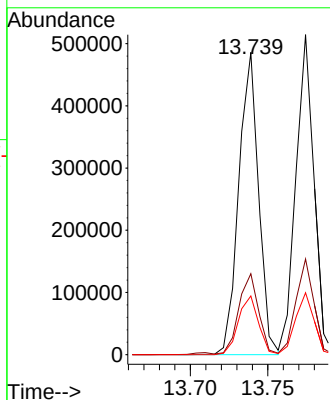
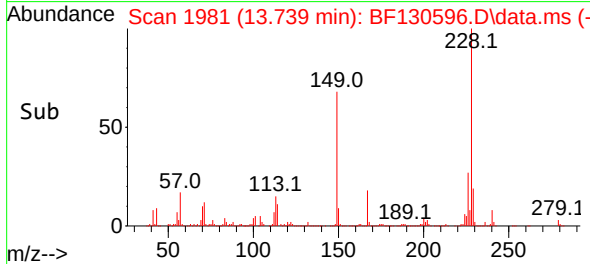
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



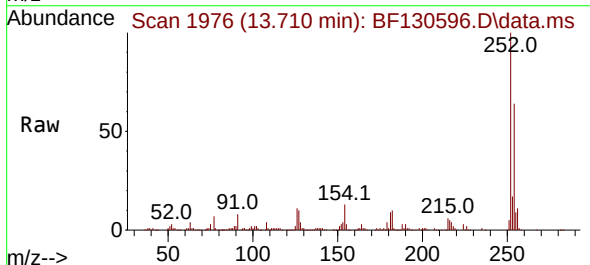
Tgt Ion:228 Resp: 432268  
Ion Ratio Lower Upper  
228 100  
226 26.8 21.9 32.9  
229 19.4 16.1 24.1

Manual Integrations  
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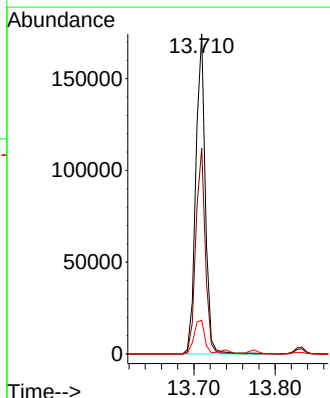
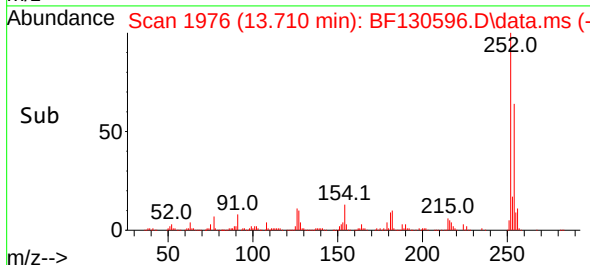
Reviewed By :Christian Giraldo 10/11/2022  
Supervised By :Jagrut Upadhyay 10/14/2022

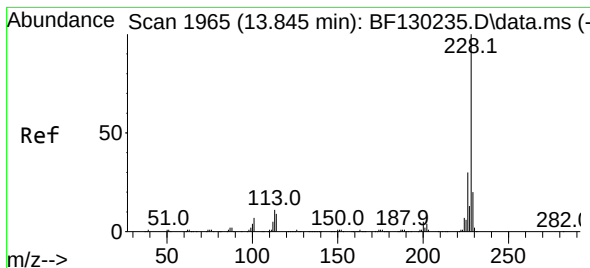


#82  
3,3'-Dichlorobenzidine  
Concen: 51.754 ng  
RT: 13.710 min Scan# 1976  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42



Tgt Ion:252 Resp: 143191  
Ion Ratio Lower Upper  
252 100  
254 64.3 51.1 76.7  
126 10.5 10.4 15.6





#83

Chrysene

Concen: 43.480 ng

RT: 13.774 min Scan# 1965

Delta R.T. 0.000 min

Lab File: BF130596.D

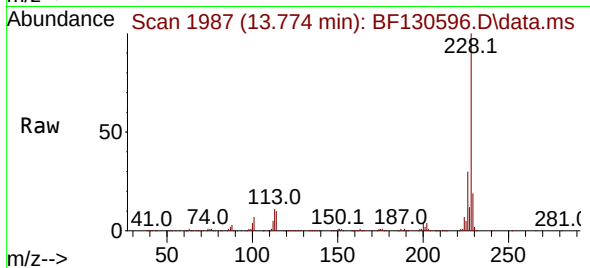
Acq: 10 Oct 2022 10:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:228 Resp: 41961

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.8

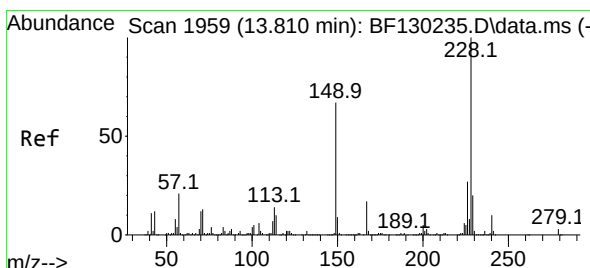
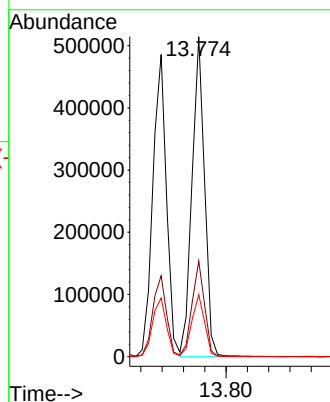
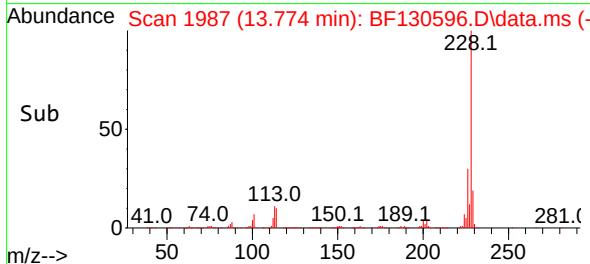
229 19.4 15.3 22.9

Manual Integrations

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Reviewed By :Christian Giraldo 10/11/2022

Supervised By :Jagrut Upadhyay 10/14/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.468 ng

RT: 13.739 min Scan# 1981

Delta R.T. 0.000 min

Lab File: BF130596.D

Acq: 10 Oct 2022 10:42

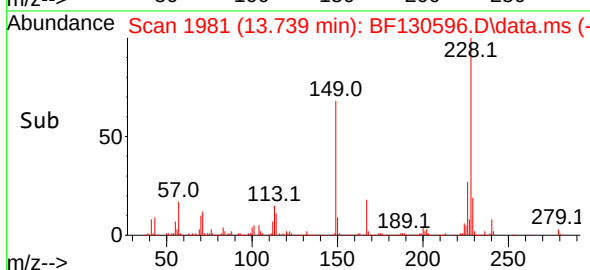
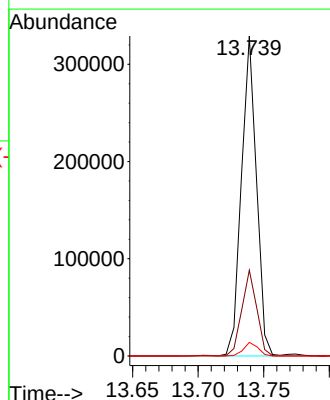
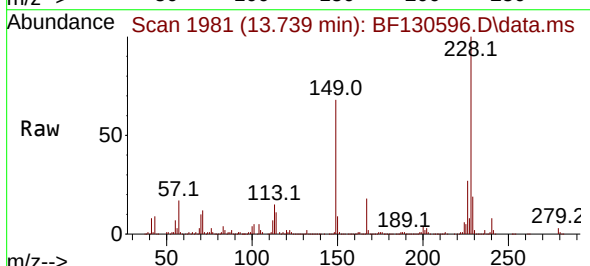
Tgt Ion:149 Resp: 263550

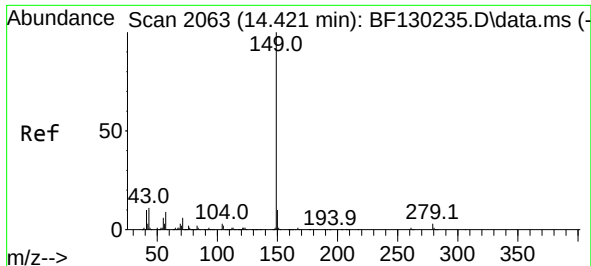
Ion Ratio Lower Upper

149 100

167 26.8 20.5 30.7

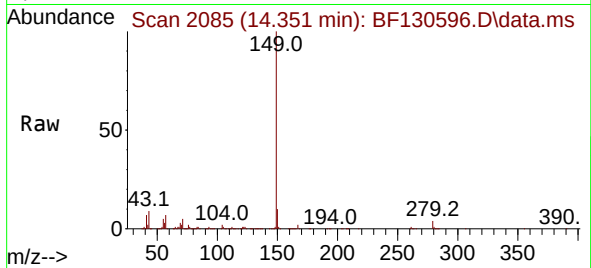
279 4.3 2.9 4.3





#85  
Di-n-octyl phthalate  
Concen: 49.822 ng  
RT: 14.351 min Scan# 2063  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

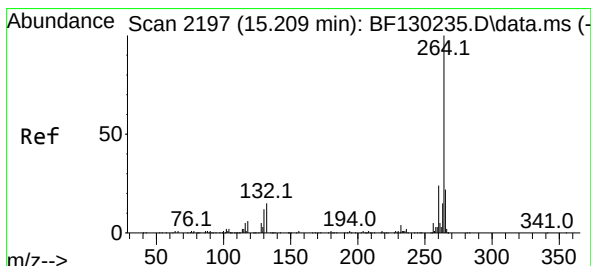
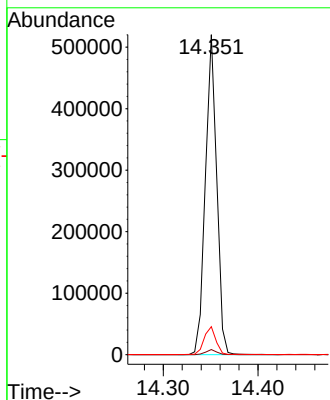
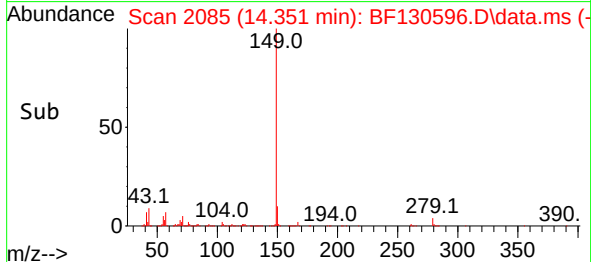
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:149 Resp: 432197  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 9.0 8.7 13.1

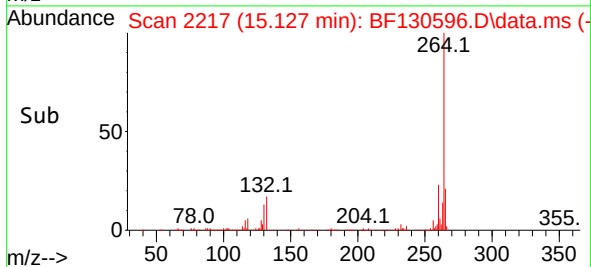
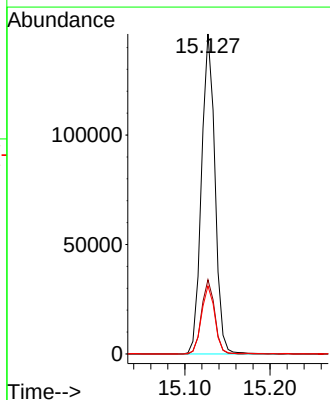
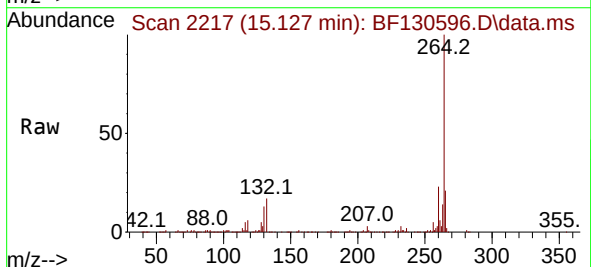
Manual Integrations  
APPROVED

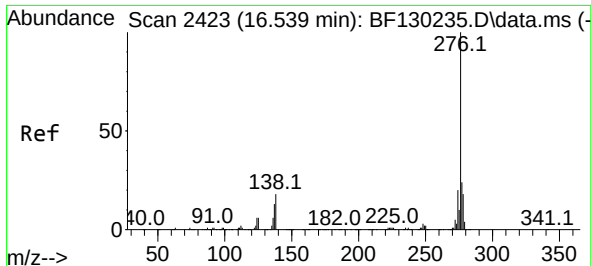
Reviewed By :Christian Giraldo 10/11/2022  
Supervised By :Jagrut Upadhyay 10/14/2022



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.127 min Scan# 2217  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

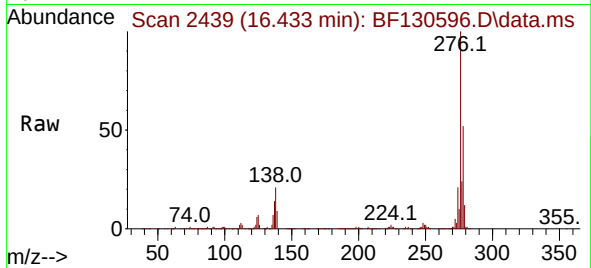
Tgt Ion:264 Resp: 160241  
Ion Ratio Lower Upper  
264 100  
260 23.2 19.3 28.9  
265 21.2 17.0 25.4





#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 48.734 ng  
 RT: 16.433 min Scan# 2423  
 Delta R.T. 0.000 min  
 Lab File: BF130596.D  
 Acq: 10 Oct 2022 10:42

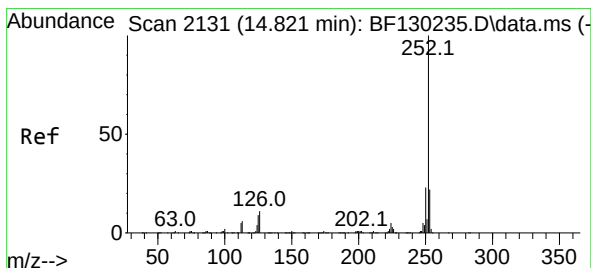
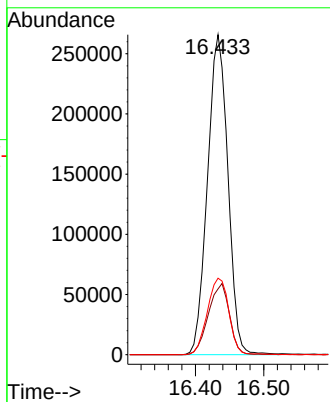
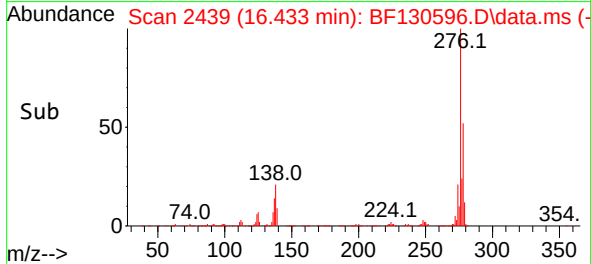
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040



Tgt Ion: 276 Resp: 55378  
 Ion Ratio Lower Upper  
 276 100  
 138 23.0 18.5 27.7  
 277 25.3 20.2 30.4

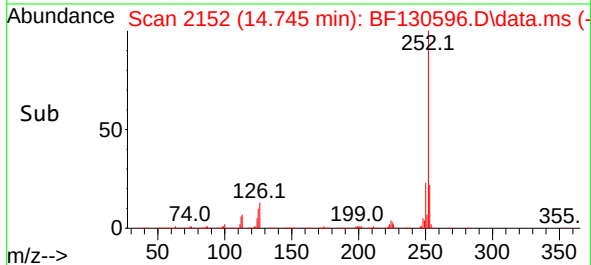
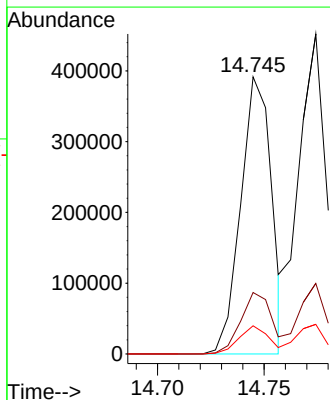
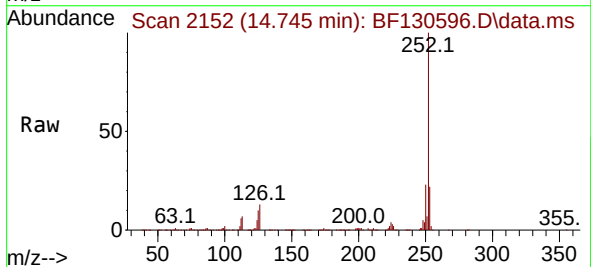
Manual Integrations  
 APPROVED

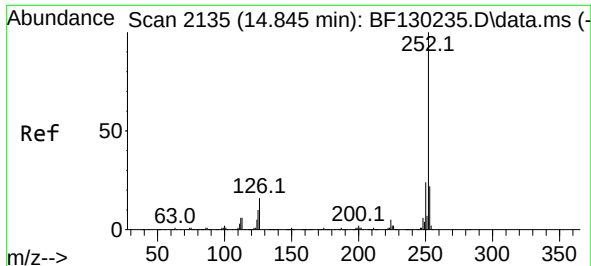
Reviewed By : Christian Giraldo 10/11/2022  
 Supervised By : Jagrut Upadhyay 10/14/2022



#88  
 Benzo(b)fluoranthene  
 Concen: 37.783 ng  
 RT: 14.745 min Scan# 2152  
 Delta R.T. 0.000 min  
 Lab File: BF130596.D  
 Acq: 10 Oct 2022 10:42

Tgt Ion: 252 Resp: 395171  
 Ion Ratio Lower Upper  
 252 100  
 253 22.2 17.7 26.5  
 125 10.2 8.1 12.1





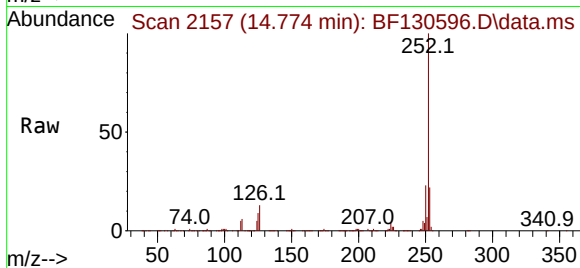
#89  
Benzo(k)fluoranthene  
Concen: 40.022 ng  
RT: 14.774 min Scan# 2135  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

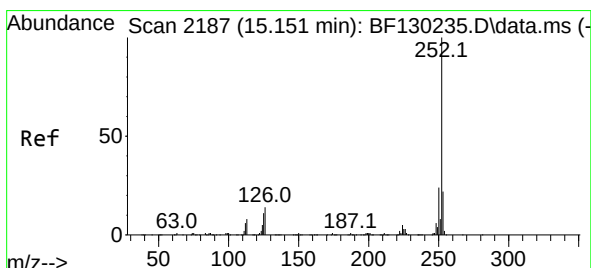
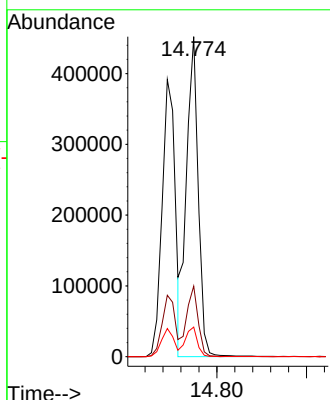
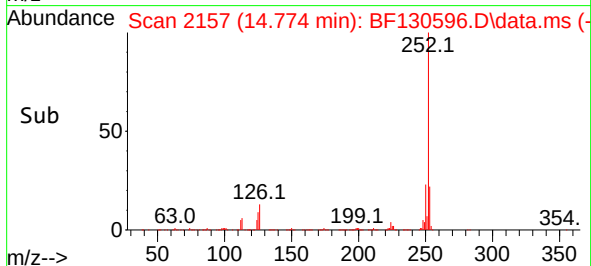


Tgt Ion:252 Resp: 411758  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.4 26.2  
125 9.2 7.9 11.9

Manual Integrations

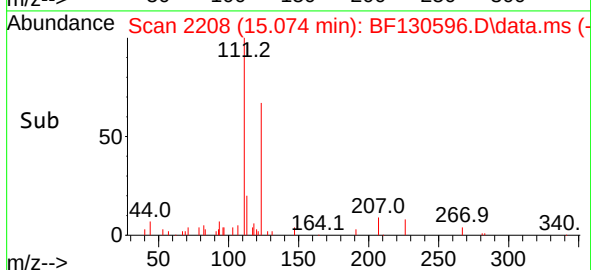
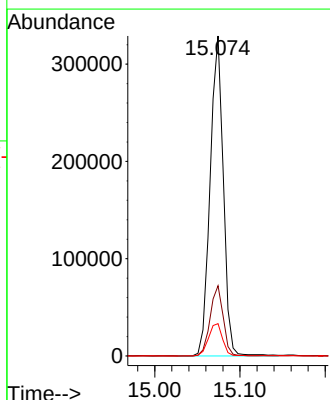
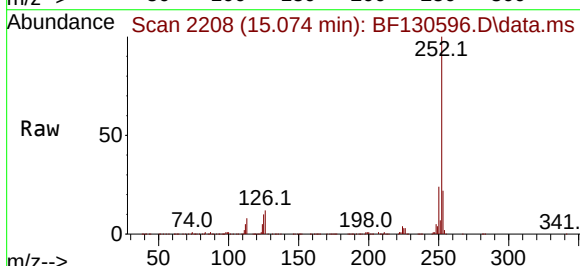
APPROVED

Reviewed By :Christian Giraldo 10/11/2022  
Supervised By :Jagrut Upadhyay 10/14/2022

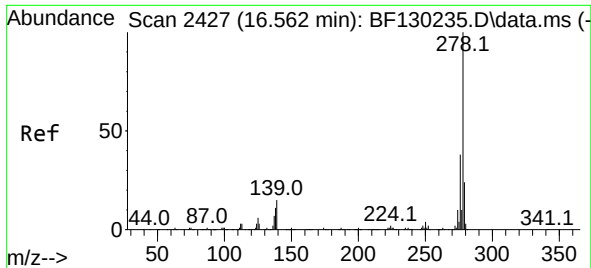


#90  
Benzo(a)pyrene  
Concen: 42.898 ng  
RT: 15.074 min Scan# 2208  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

Tgt Ion:252 Resp: 355453  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.8 26.6  
125 10.1 9.0 13.6

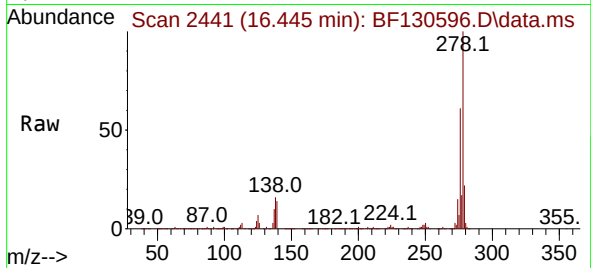






#91  
Dibenzo(a,h)anthracene  
Concen: 48.849 ng  
RT: 16.445 min Scan# 2427  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42

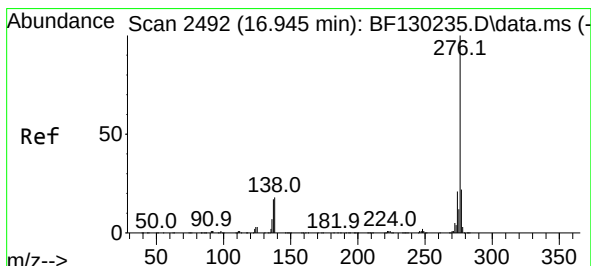
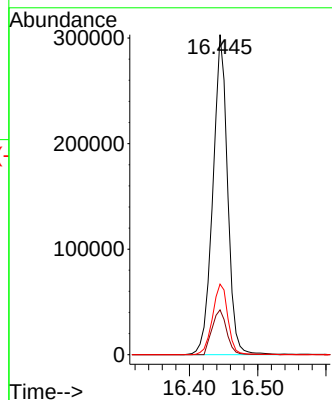
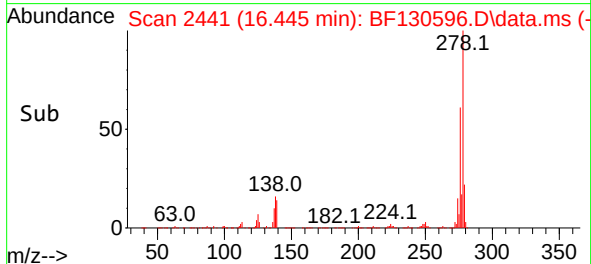
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



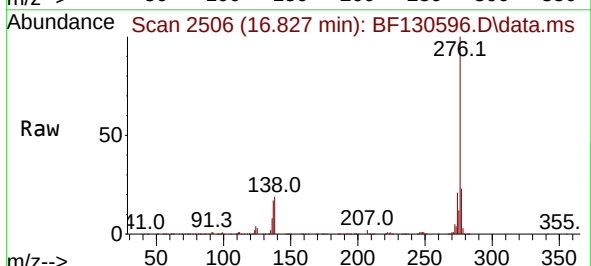
Tgt Ion:278 Resp: 45536  
Ion Ratio Lower Upper  
278 100  
139 14.0 11.8 17.8  
279 22.0 19.4 29.0

Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 10/11/2022  
Supervised By :Jagrut Upadhyay 10/14/2022



#92  
Benzo(g,h,i)perylene  
Concen: 49.561 ng  
RT: 16.827 min Scan# 2506  
Delta R.T. 0.000 min  
Lab File: BF130596.D  
Acq: 10 Oct 2022 10:42



Tgt Ion:276 Resp: 465404  
Ion Ratio Lower Upper  
276 100  
277 22.7 18.6 27.8  
138 19.2 14.6 21.8

